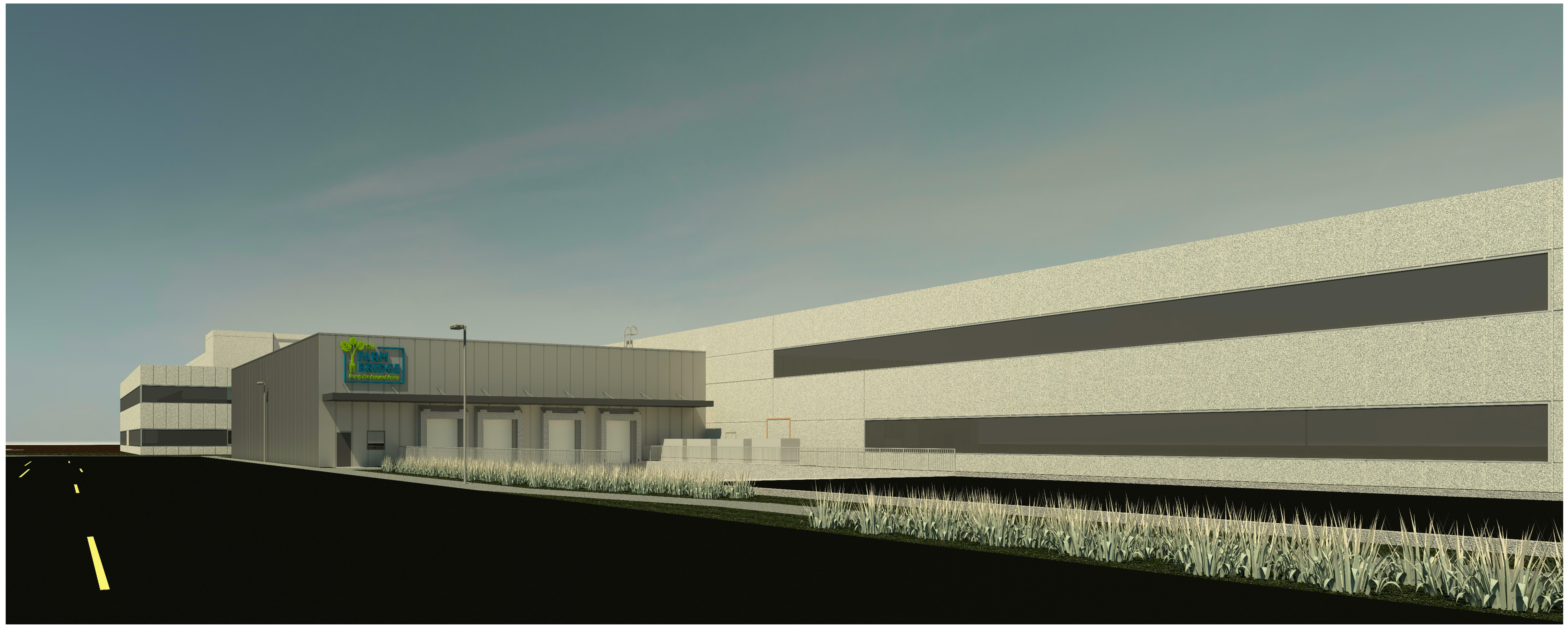
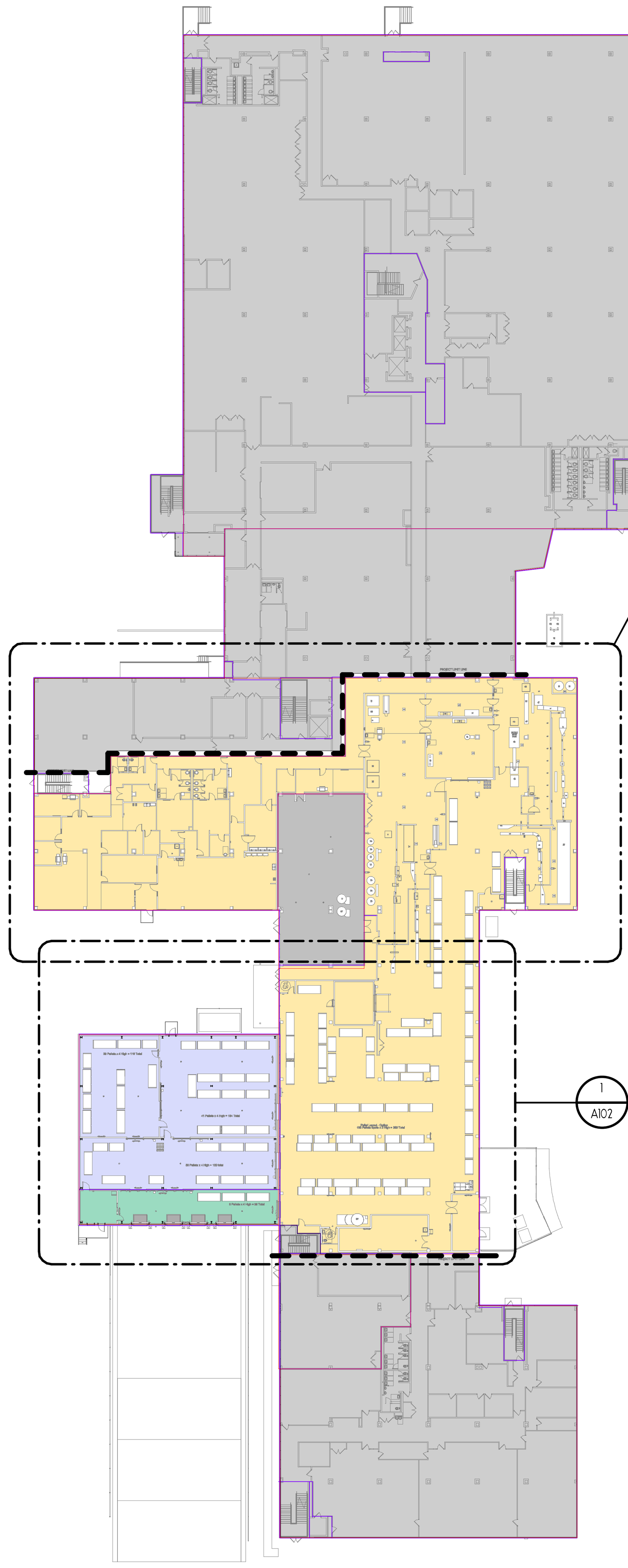
The Farm Bridge Tenant Fit Up

The Farm Bridge

101 Enterprise Drive, Building 201
Kingston, NY 12401



Scope of Work Area Schedule		
Name	Area	Level
201 Renovation	36432 SF	First Floor
Total Area	36432 SF	



Building Area Legend

- 201 Renovation
- NIC/ Existing Utilities
- Non Refrigerated Space
- Refrigerated Space

BUILDING 201: 66900 SF
BUILDING 201 ALTERATION: 36431 SF
COLD STORAGE BUILDING: 9225 SF
% SCOPE OF WORK ALTERATION:
36431 SF/66900 SF = 55%
LEVEL 3 ALTERATION

146127 SF COMPLETE OVERALL BUILDING COMPLEX SF
136902 SF EXISTING OVERALL BUILDING COMPLEX SF NOT INCLUDING ADDITION

2 First Floor - Scope of Work
1" = 50'-0" A201

☐ REVIEW

☐ PLANNING DEPARTMENT (NOT FOR CONSTRUCTION)

☐ ISSUED FOR PRICING DATE: ________

☒ ISSUED FOR PERMITTING DATE: 06.03.2021

☐ ISSUED FOR CONSTRUCTION DATE: ________

1 Site Location
NOT TO SCALE

Project Closeout Documents

PROJECT CLOSEOUT DOCUMENTS SHALL INCLUDE AS A MINIMUM:

- COMPLETE AS-BUILT DRAWINGS.
- COMPLETE SET OF TECHNICAL SPECIFICATIONS.
- OPERATIONS & MAINTENANCE MANUALS IN ELECTRONIC FORMAT
- WARRANTIES.
- APPROVED PROJECT SUBMITTALS AND SHOP DRAWINGS.
- LANDLORD/OWNER TRAINING OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT INSTALLED.
- COMMISSIONING AND SYSTEMS START UP REPORTS.
- GENERAL CONTRACTOR LETTER OF GUARANTEE.
- TESTING & BALANCE REPORT.
- A LIST OF ATTIC STOCK, WITH QUANTITIES, WITH THE LANDLORD SIGN OFF ON IT ACKNOWLEDGING RECEIPT.
- RELEASE OF LIENS FROM ALL SUBCONTRACTORS AND SUPPLIERS.
- ALL THIRD PARTY STRUCTURAL INSPECTIONS REQUIRED BY CHAPTER 17 OF THE BUILDING CODE.
- THIRD PARTY INSPECTION OF THE FIRE ALARM SYSTEM, IF REQUIRED.
- THIRD PARTY INSPECTION OF THE FIRE PROTECTION SYSTEM.
- THIRD PARTY INSPECTION OF THE ELEVATOR, IF REQUIRED.
- CERTIFICATE OF OCCUPANCY ISSUED BY THE BUILDING DEPARTMENT.

CLOSEOUT DOCUMENTS TO BE PLACED IN A THREE-RING BINDER INCLUDING A USB DRIVE WITH ALL DOCUMENTS SCANNED AND PROPERLY ORGANIZED.

Owner:
The FARM BRIDGE bring the harvest home

Architect:
sra SYVERTSEN RIGOSU architects
6 Chelsea Drive
Clifton Park, NY
518-348-1151

MEP Engineer:
FELLENZER ENGINEERING LLP
22 Mulberry Street
Middletown, NY 10940
P: 845-3431481

Structural Engineer:
DeGennaro Engineering
4 Collamer Road
Malta, NY 12020
P: 518-581-9428

Sheet List

Sheet Number	Sheet Name	Sheet Issue Date
T101	Coversheet	
G100	Site Planning	
G101	General Notes	
G102	General Notes Cont.	
G103	General Notes Cont.	
LS100	Life Safety Summary	
LS101	First Floor Life Safety Plan	
S001	Structural General Notes, Abbreviations & Design Criteria	
S002	Special Inspections	
S101	Foundation Plan - Partial South	
S201	Roof Framing Plan - Partial South	
S301	Foundation Sections & Details	
S302	Foundation Sections & Details	
S401	Steel Sections & Details	
S402	Wall Elevations	
S403	Wall Elevations	
S501	Typical Concrete Sections & Details	
S601	Typical Steel Sections & Details	
S602	Typical Light Gage Sections & Details	
AR100	Slab & Elevation Removals	
AR101	First Floor Removals Plan - Partial North	
AR102	First Floor Removals Plan - Partial South	
AR201	Elevation Removals	

Sheet List

Sheet Number	Sheet Name	Sheet Issue Date
A001	Partition Types and Details	
A002	Non-Load Bearing Wall Framing Details	
A003	Accessibility Details	
A100	Overall First Floor Plan	
A101	First Floor Plan - Partial North	
A102	First Floor Plan - Partial South	
A103	Roof Plan - Addition	
A201	Exterior Elevations	
A202	Building Sections	
A351	Wall Sections & Details	
A352	Wall Sections & Details	
A353	Section Details	
A601	Toilet Room Plans and Details	
A701	Casework Plans, Elevations, Details	
A801	Reflected Ceiling Plan and Details	
A802	Reflected Ceiling Plan	
A901	Door Schedule & Details	
A902	Door & Window Details	
A903	First Floor - Finish Plan	
EQ101	First Floor - North Equipment Plan	
FF100	Floor Plan - Pallet	

Sheet List

Sheet Number	Sheet Name	Sheet Issue Date
P001	Plumbing Symbols, Abbreviations & Notes	
P101	Plumbing First Floor Sanitary Plan - Partial North	
P102	Plumbing First Floor Sanitary Plan - Partial South	
P201	Plumbing Domestic Water Plan - Partial North	
P202	Plumbing Domestic Water Plan - Partial South	
P701	Plumbing Details	
FP001	Fire Protection Symbols, Abbreviations & Notes	
FPD102	Fire Protection Demolition RCP - Partial South	
FP101	Enlarged Fire Protection RCP Partial North	
FP102	Enlarged Fire Protection RCP Partial South	
H001	HVAC Symbols Abbreviations & Notes	
HD101	HVAC First Floor Demolition - Partial North	
HD102	HVAC First Floor Demolition Plan - Partial South	
H101	Enlarged HVAC Floor Plan - Partial North	
H102	Enlarged HVAC Floor Plan - Partial South	
E001	Electrical Symbols, Abbreviations & Notes	
E101	Electrical First Floor Power Plan - Partial North	
E102	Electrical First Floor Power Plan - Partial South	
E201	Electrical Lighting First Floor Plan - Partial North	
E202	Electrical Lighting First Floor Plan - Partial South	
E801	Electrical Details & Schedules	
E802	Electrical Schedules	
E803	Electrical Schedules	
E804	Electrical Schedules	

CONSULTANT

STAMP

ARCHITECT

Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	JJ
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

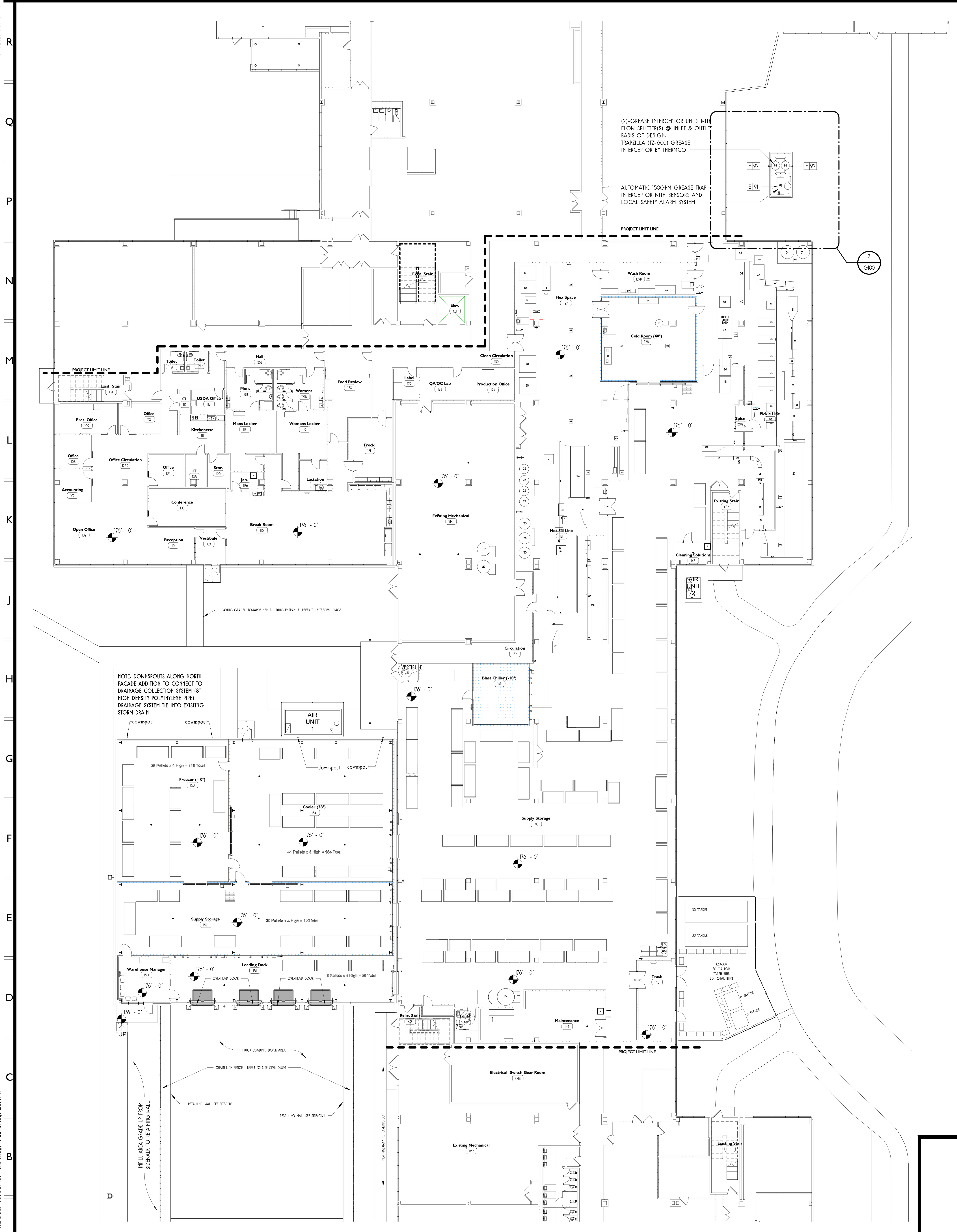
PROJECT INFORMATION

Coversheet

SHEET TITLE

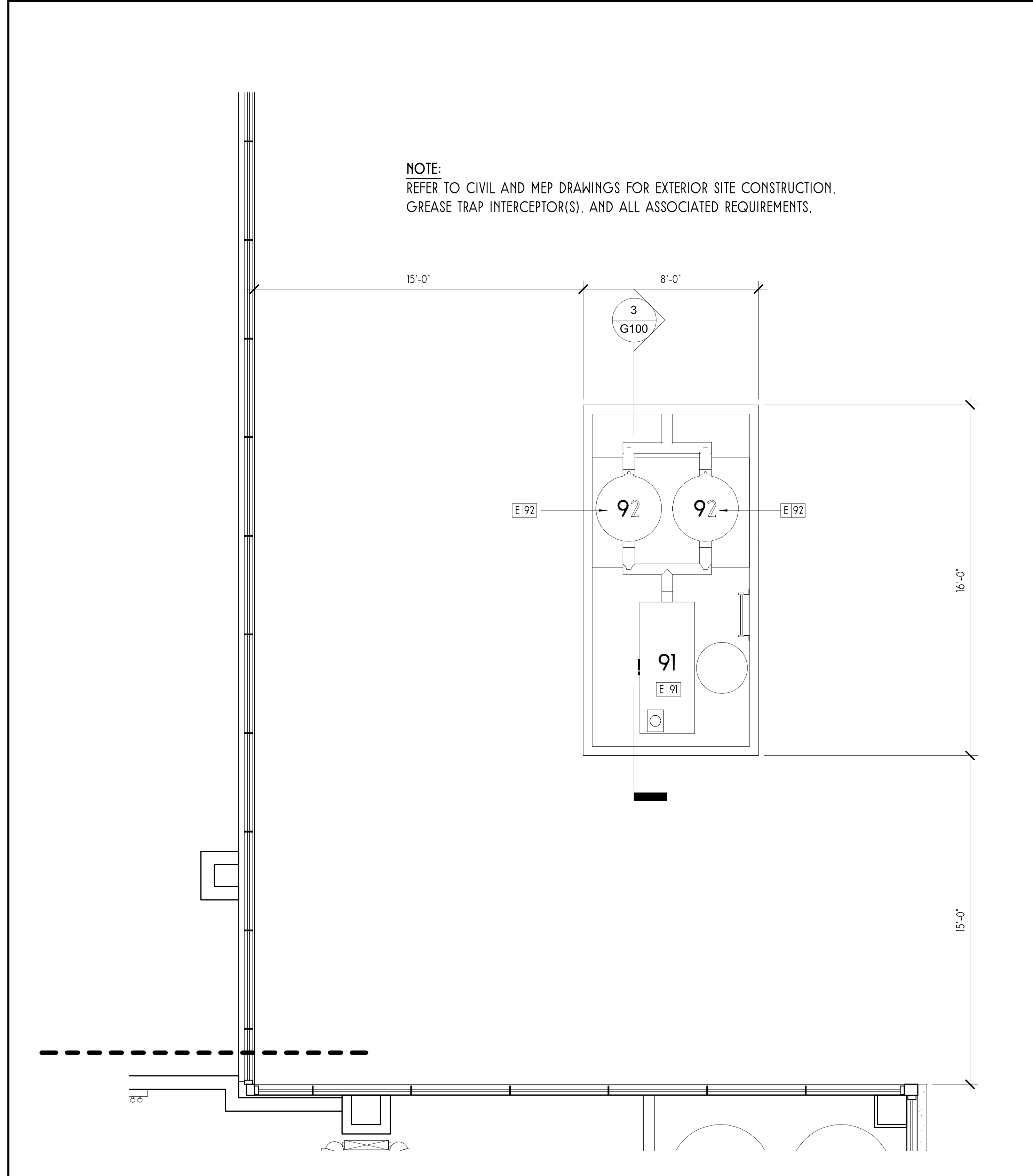
T101

SHEET NUMBER

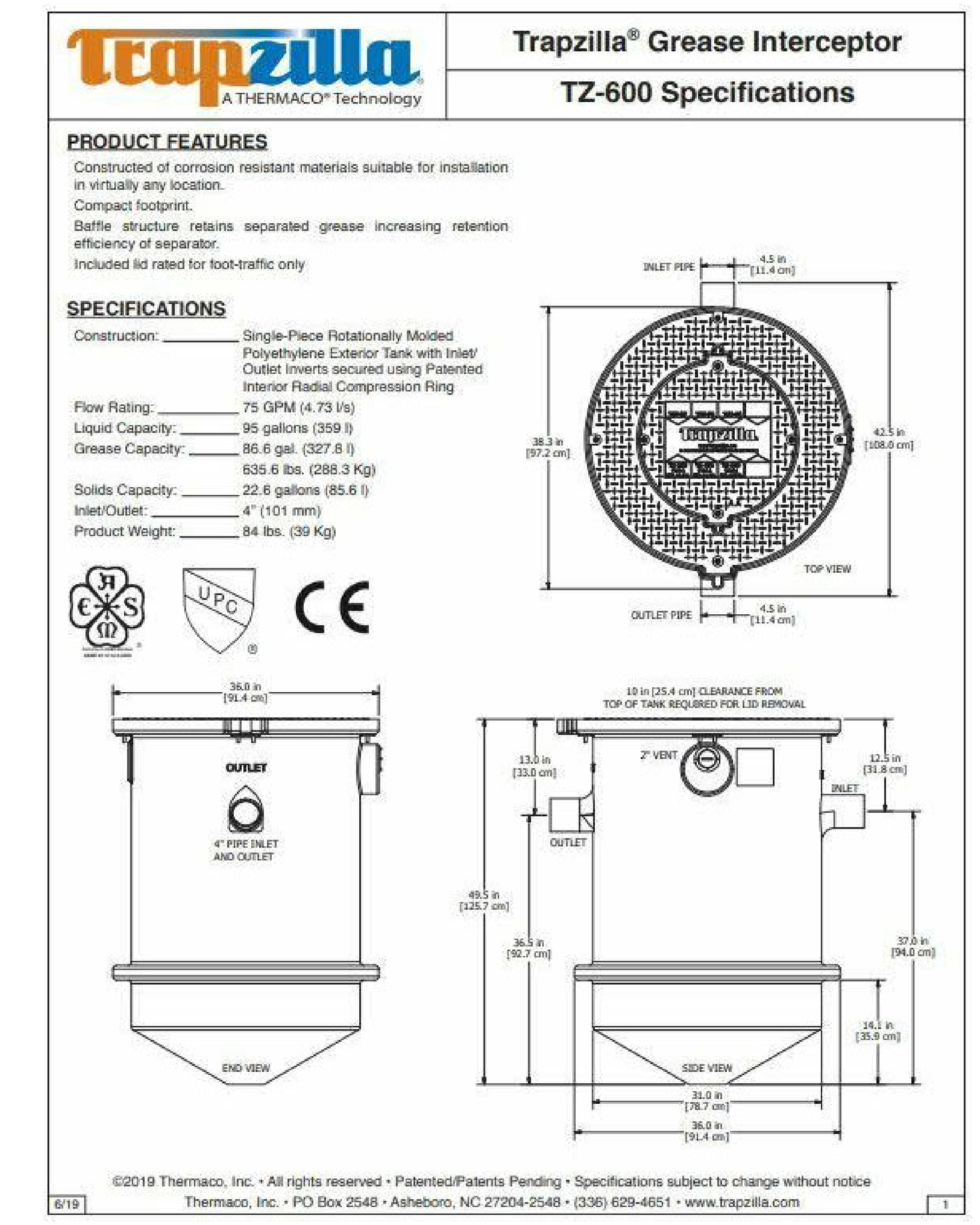


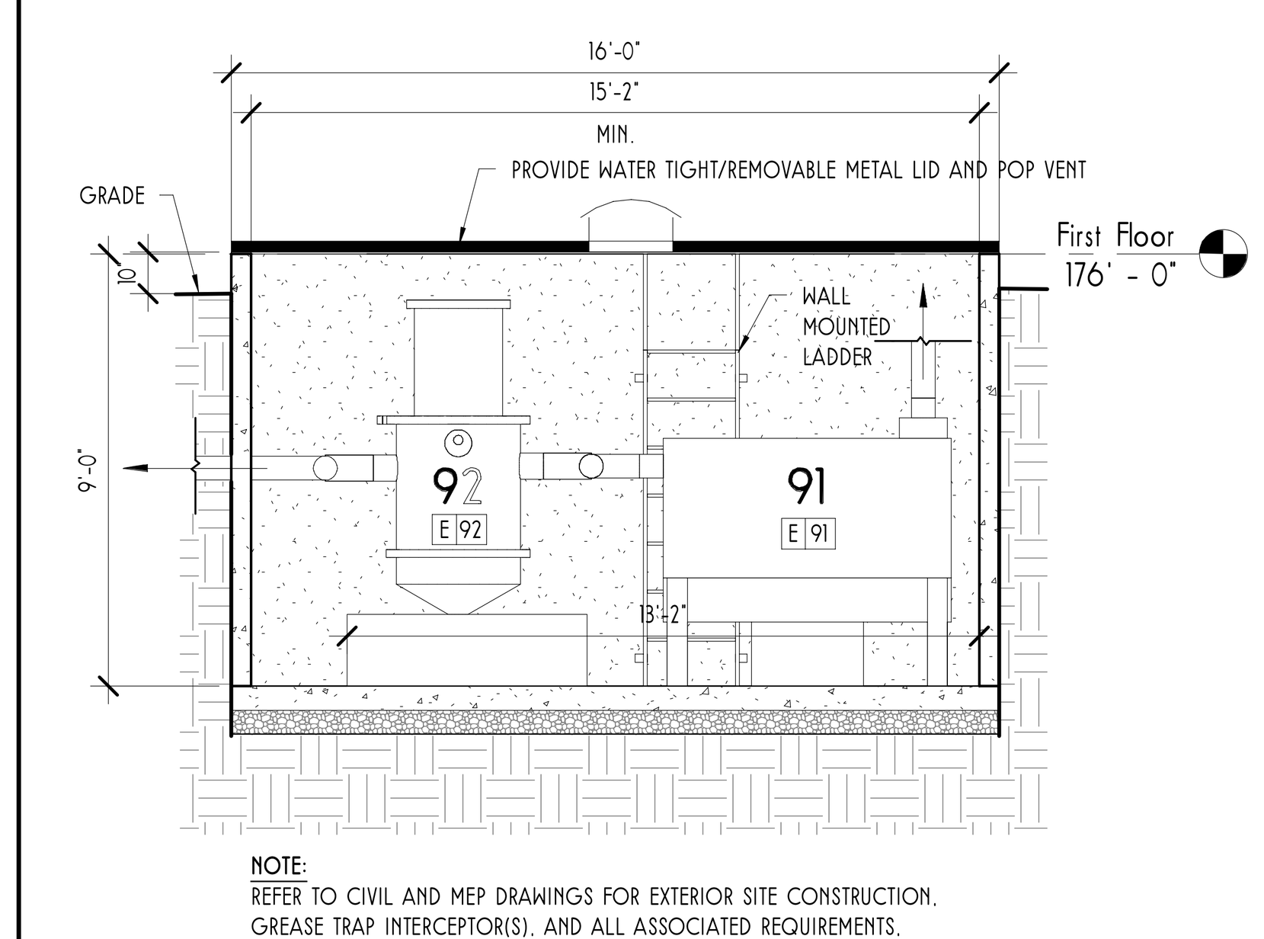
1	Architectural Site Plan
1/16" = 1'-0"	A201

Exterior Equipment Schedule												
				MEP Requirements				Dimensions				
E#	Description	Make	Model	Electric	Water	Drain	Vent	Height	Width	Length	Comments	E#
91	AUTOMATIC GREASE TRAP INTERCEPTOR	HIGHLAND TANK	GreaseStopper (AGI-150 RL)	208V, 3ph - (115V, 60Hz -GEAR MOTOR)	<6"	3" - 6"		72"	30"	72" (+12")	GREASE TRAP INTERCEPTOR (W/ SENSORS & ALARM) LOCATED IN EXTERIOR CONCRETE VAULT. REFER TO CIVIL AND PLUMBING DRAWINGS	91
92	TRAPZILLA GREASE INTERCEPTOR (75 GPM)	THERMACO	TRAPZILLA TZ-600		4"	4" (75 GPM)		50"	36"	36"	(2 UNITS, PAIRED WITH FLOW SPLITTERS) GREASE TRAP INTERCEPTOR LOCATED IN EXTERIOR CONCRETE VAULT. REFER TO CIVIL AND PLUMBING DRAWINGS	92

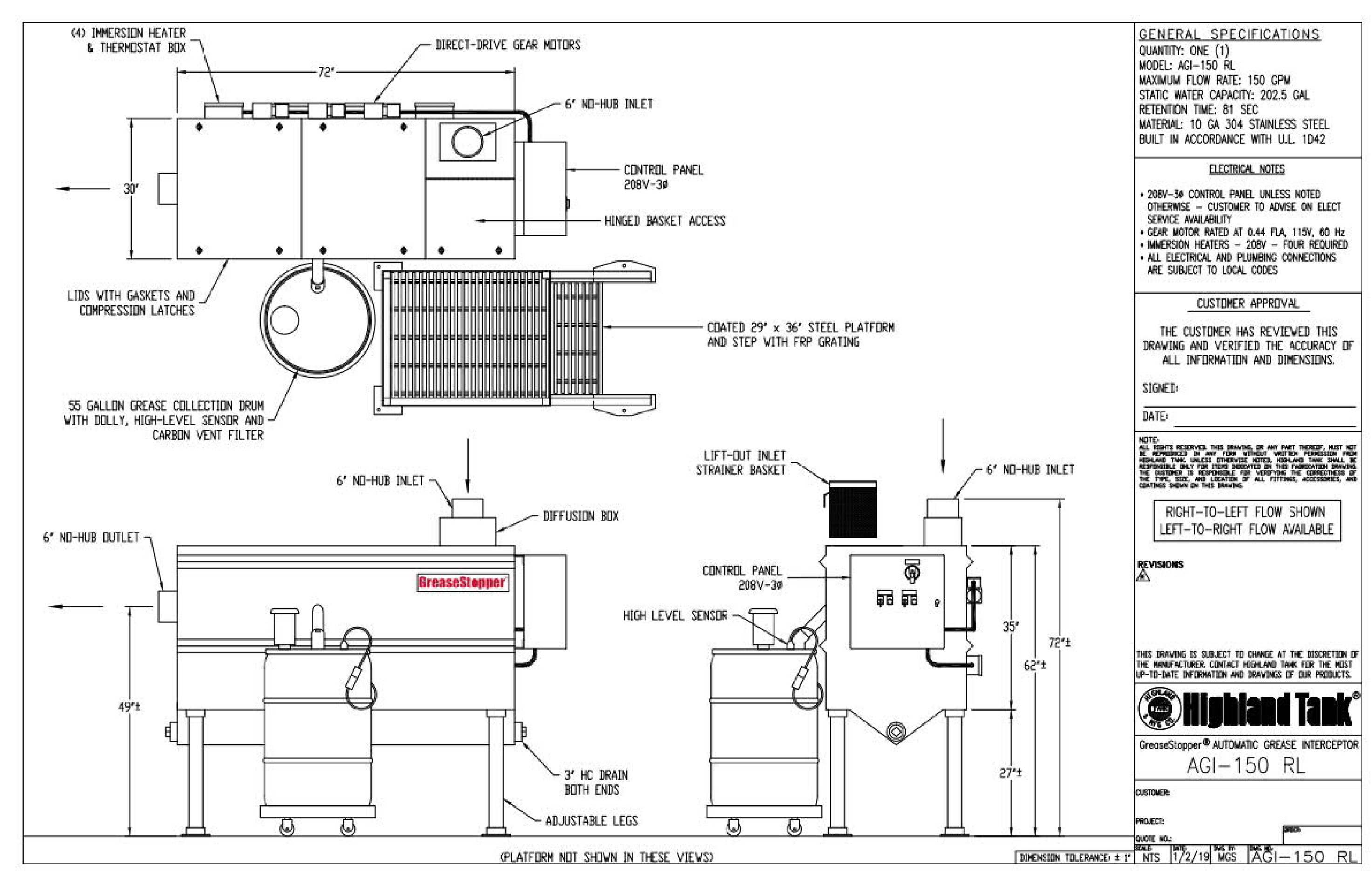


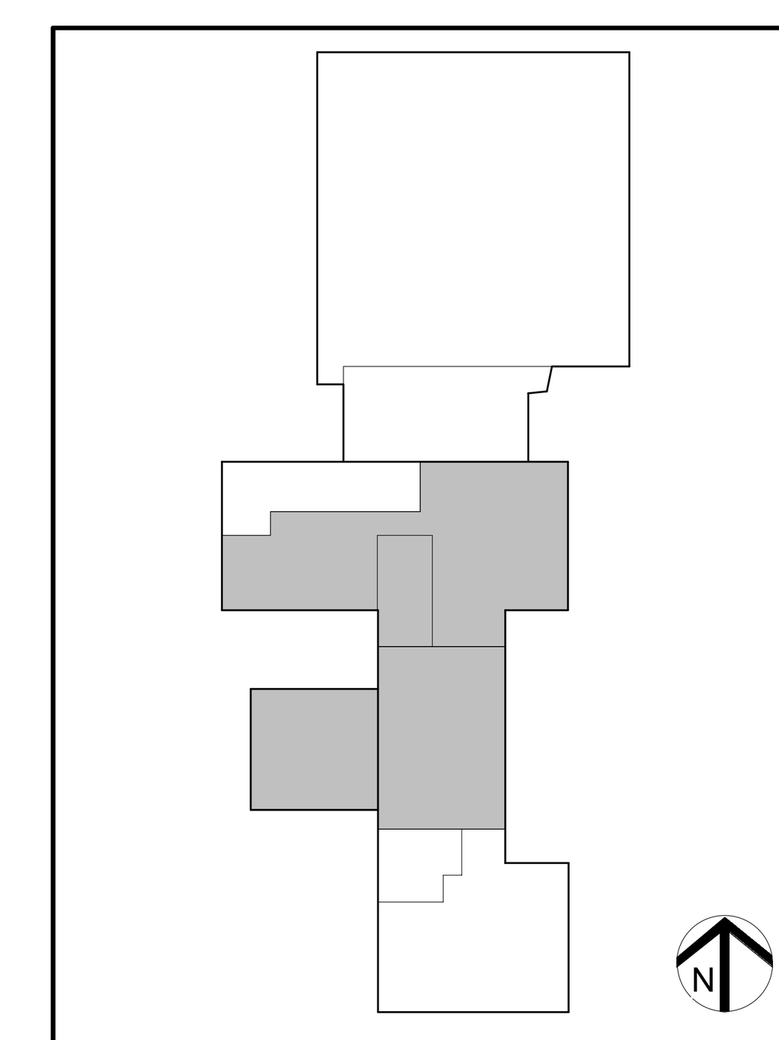
2	Exterior Grease Trap Interceptor
1/4" = 1'-0"	G100





3	Exterior Grease Vault Section
1/4" = 1'-0"	G100





Keplan (Not to Scale)

CONSULTANT	STAMP	ARCHITECT
	REGISTERED ARCHITECT KENNETH DUNCAN SYVERTSEN 024632 STATE OF NEW YORK	sra SYVERTSEN RIGOSU architects Six Chelsea Place Clifton Park NY 12065 T: 518.348.1151 www.SArch3D.com

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

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907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

Site Planning

SHEET TITLE

G100

SHEET NUMBER

6/7/2021 8:39:50 AM

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General Removal Notes - Lead Paint

WORK ON THIS PROJECT MAY INVOLVE THE DISTURBANCE OF LEAD-CONTAINING PAINT. CONTRACTOR SHALL PRESUME THAT ANY PAINTED SURFACE CONTAINS LEAD. DISTURBANCE OF ANY PAINTED SURFACE TRIGGERS THE REQUIREMENTS BELOW:

A. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS INCLUDING BUT NOT LIMITED TO 29 CFR 1926.62 LEAD IN CONSTRUCTION. THIS REQUIREMENT INCLUDES COMPLETION OF LEAD AWARENESS TRAINING AND NEGATIVE EXPOSURE ASSESSMENTS AS NECESSARY FOR TASKS WHERE EXPOSURE MAY EXIST. OSHA REGULATIONS APPLY TO MATERIALS CONTAINING ANY DETECTABLE CONCENTRATION OF LEAD.
B. WORK AREA SURFACES THAT MAY BE EXPOSED TO AND CONTAMINATED WITH LEAD-CONTAINING DUSTS AND FUMES SHALL BE CLEANED OF VISIBLE DUST AND DEBRIS AT THE CONCLUSION OF DEMOLITION TASKS USING WET CLEANING METHODS.

General Removal Notes - Dust Control

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO DUSTS AND FUMES GENERATED FROM DEMOLITION AND OTHER ACTIVITIES, AND THAT PREVENT ACCUMULATION OF VISIBLE SURFACE DUST OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST, INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

General Removal Notes - Silica Requirements

OPERATIONS INVOLVING CUTTING, DRILLING OR DEMOLITION OF CONCRETE CAN GENERATE EXPOSURE OF REPAIRABLE SILICA DUST. ENGINEERING CONTROLS AND WORK METHODS SHALL BE IN PLACE TO MINIMIZE POTENTIAL EXPOSURES.

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO SILICA DUSTS GENERATED FROM PROJECT ACTIVITIES, AND THAT PREVENT SURFACE CONTAMINATION OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED LOCAL VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

FOR HIGH DUST ACTIVITIES SUCH AS SAWING, CONTRACTOR SHALL USE WET METHODS AND OR TOOL EQUIPPED LOCAL EXHAUST TO SUPPRESS DUST AT THE SOURCE.

General Demolition Notes

D1. **CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES. OMISSIONS AND/OR CONFLICTS PRIOR TO PERFORMINGS ANY WORK IN QUESTION.**

D2. ALL DEMOLITION WORK SHALL BE DONE NEATLY AND WITHOUT DAMAGE TO REMAINING CONSTRUCTION. THE AREA SHALL BE CLEAR OF ALL DEBRIS, FLOOR COVERING AND RESIDUAL ADHESIVE, MORTAR BED, ETC. AND LEFT CLEAN.

D3. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION ITEMS TO REMAIN DURING DEMOLITION. NOTIFY ARCHITECT/BUILDING MANAGEMENT IF ANY ITEMS ARE DAMAGED.

D4. WHERE WORK CONNECTS WITH EXISTING, THE CONTRACTOR SHALL DO NECESSARY CUTTING, FITTING AND PATCHING. HE SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK AND PROTECT ALL EXISTING WORK FROM DAMAGE.

D5. PROVIDE TRASH REMOVAL AND DUMPSTER CONTAINER FOR DEMOLITION DEBRIS ONLY. REMOVE ALL DEBRIS FROM BUILDING DAILY, COORDINATE EXACT PROCEDURES AND STAGING WITH BUILDING MANAGEMENT.

D6. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF BASE BLDG, FIRE RESISTANCE RATING, REGARDLESS OF INTERIOR BUILD-OUT REQUIREMENTS. I.E. DEMISING WALLS, SHAFT ENCLOSURES, COLUMN SPACE PROTECTION, FLOOR/CEILING ASSEMBLIES, ROOF/CEILING ASSEMBLIES.

D7. REMOVE ABANDONED SYSTEMS (CABLING, CONTROLS, MOUNTING DEVICES, ETC.) REMOVE ELECTRIC TO J. BOX OR ELECTRICAL PANEL, SUSPEND DUCT WORK, RE-USED WIRING, AND ELECTRIC LIGHTS FROM STRUCTURE FOR POSSIBLE RE-USE, IN ACCORDANCE WITH CURRENT CODES, ANY WIRING NOT DESIGNATED FOR RE-USE IS TO BE REMOVED BY THE GENERAL CONTRACTOR OR THE NEW SYSTEMS INSTALLER, ALL SALVAGED MATERIALS ARE TO REMAIN THE PROPERTY OF THE BUILDING OWNER.

D8. PROVIDE DUST SCREENS WHERE DEMOLITION REQUIRES CONSTRUCTION TO BE EXPOSED TO NORMAL OPERATIONS OF THE FACILITY.

D9. REMOVE ALL EXISTING PIPING, WIRING, HARDWARE, ETC THAT IS MADE OBSOLETE CONSTRUCTION.

D10. RELOCATE AND RECONFIGURE EXISTING HEADS OF SPRINKLER SYSTEM AS NEEDED FOR NEW LAYOUT AND CODE COMPLIANCE.

General Roof Access Notes

APPLIANCES ON ROOFS OR ELEVATED STRUCTURES.
WHERE APPLIANCES REQUIRING ACCESS ARE INSTALLED ON ROOFS OR ELEVATED STRUCTURES AT A HEIGHT EXCEEDING 16 FEET (4877 MM), SUCH ACCESS SHALL BE PROVIDED BY A PERMANENT APPROVED MEANS OF ACCESS, THE EXTENT OF WHICH SHALL BE FROM GRADE OR FLOOR LEVEL TO THE APPLIANCE'S LEVEL SERVICE SPACE. SUCH ACCESS SHALL NOT REQUIRE CLIMBING OVER OBSTRUCTIONS GREATER THAN 30 INCHES HIGH (762 MM) OR WALKING ON ROOFS HAVING A SLOPE GREATER THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE).

PERMANENT LADDERS INSTALLED TO PROVIDE THE REQUIRED ACCESS SHALL COMPLY WITH THE FOLLOWING MINIMUM DESIGN CRITERIA.

1. THE SIDE RAILING SHALL EXTEND ABOVE THE PARAPET OR ROOF EDGE NOT LESS THAN 30 INCHES (762 MM).

2. LADDERS SHALL HAVE A RUNG SPACING NOT TO EXCEED 14 INCHES (356 MM) ON CENTER.

3. LADDERS SHALL HAVE A TOE SPACING NOT LESS THAN 6 INCHES (152 MM) DEEP.

4. THERE SHALL BE A MINIMUM OF 18 INCHES (457 MM) BETWEEN RAILS.

5. RUNGS SHALL HAVE A MINIMUM DIAMETER OF 0.75-INCH (19 MM) AND SHALL BE CAPABLE OF WITHSTANDING A 300-POUND (136.1 KG) LOAD.

6. LADDERS OVER 30 FEET (9144 MM) IN HEIGHT SHALL BE PROVIDED WITH OFFSET SECTIONS AND LANDINGS CAPABLE OF WITHSTANDING A LOAD OF 100 POUNDS PER SQUARE FOOT (488.2 KG/M2).

7. LADDERS SHALL BE PROTECTED AGAINST CORROSION BY APPROVED MEANS.

CATWALKS INSTALLED TO PROVIDE THE REQUIRED ACCESS SHALL BE NOT LESS THAN 24 INCHES WIDE (610 MM) AND SHALL HAVE RAILINGS AS REQUIRED FOR SERVICE PLATFORMS.

EXCEPTION: THIS SECTION SHALL NOT APPLY TO GROUP R-3 OCCUPANCIES.

SLOPED ROOFS.
WHERE APPLIANCES ARE INSTALLED ON A ROOF HAVING A SLOPE OF THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE) OR GREATER AND HAVING AN EDGE MORE THAN 30 INCHES (762 MM) ABOVE GRADE AT SUCH EDGE, A LEVEL PLATFORM SHALL BE PROVIDED ON EACH SIDE OF THE APPLIANCE TO WHICH ACCESS IS REQUIRED FOR SERVICE, REPAIR OR MAINTENANCE. THE PLATFORM SHALL NOT BE LESS THAN 30 INCHES (762 MM) IN ANY DIMENSION AND SHALL BE PROVIDED WITH GUARDS. THE GUARDS SHALL EXTEND NOT LESS THAN 42 INCHES (1067 MM) ABOVE THE PLATFORM, SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21-INCH-DIAMETER (533 MM) SPHERE AND SHALL COMPLY WITH THE LOADING REQUIREMENTS FOR GUARDS SPECIFIED IN CHAPTER 27 OF THE BUILDING CODE OF NEW YORK STATE.

ELECTRICAL REQUIREMENTS.
A RECEPTACLE OUTLET SHALL BE PROVIDED AT OR NEAR THE EQUIPMENT LOCATION IN ACCORDANCE WITH CHAPTER 27 OF THE BUILDING CODE OF NEW YORK STATE.

GUARDS.
GUARDS SHALL BE PROVIDED WHERE APPLIANCES OR OTHER COMPONENTS THAT REQUIRE SERVICE AND ROOF HATCH OPENINGS ARE LOCATED WITHIN 10 FEET (3048 MM) OF A ROOF EDGE OR OPEN SIDE OF A WALKING SURFACE AND SUCH EDGE OR OPEN SIDE IS LOCATED MORE THAN 30 INCHES (762 MM) ABOVE THE FLOOR, ROOF OR GRADE BELOW. THE GUARD SHALL EXTEND NOT LESS THAN 30 INCHES (762 MM) BEYOND EACH END OF SUCH APPLIANCES, COMPONENTS AND ROOF HATCH OPENINGS AND THE TOP OF THE GUARD SHALL BE LOCATED NOT LESS THAN 42 INCHES (1067 MM) ABOVE THE ELEVATED SURFACE ADJACENT TO THE GUARD. THE GUARD SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21-INCH-DIAMETER (533 MM) SPHERE AND SHALL COMPLY WITH THE LOADING REQUIREMENTS FOR GUARDS SPECIFIED IN THE BUILDING CODE OF NEW YORK STATE.

General Project Administration Notes

A) THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY UNFORESEEN EXISTING CONDITIONS.

B) THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE WORK CONDUCTED BY THE CONTRACTOR AND SUBCONTRACTORS.

C) THE CONTRACTOR SHALL EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY TO FULLY UNDERSTAND THE PROJECT SCOPE OF WORK. THE CONTRACTOR SHALL INVESTIGATE THE EXISTING SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS.

D) THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION AND SUBMISSION OF ALL DEFERRED SUBMITTALS.

E) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING SPECIAL INSPECTIONS AND TESTS. ALL SPECIAL INSPECTIONS AND TESTS SHALL BE IN ACCORDANCE WITH IBC CHAPTER 17.

F) THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS DESIGNED BEFORE PROCEEDING WITH CONSTRUCTION. IF THE CONTRACTOR IS PRESENTED WITH AN UNRESOLVABLE CONDITION, DISCREPANCY, OR CONFLICT BETWEEN ARCHITECTURAL AND OTHER DESIGN TRADES, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.

G) ALL CLARIFICATION REQUESTS DIRECTED TO THE ARCHITECT SHALL BE MADE IN WRITING AND SUBMITTED DIGITALLY.

H) THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL CONSTRUCTION TRADES.

I) THE CONTRACTOR SHALL PROTECT STORED AND CONSTRUCTED ELEMENTS THROUGHOUT THE DURATION OF CONSTRUCTION. ITEMS DAMAGED PRIOR TO CONSTRUCTION COMPLETION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

J) ALL STORED MATERIALS SHALL BE SECURED ON SITE. ANY OFF-SITE MATERIAL STORAGE LOCATIONS MUST FIRST BE APPROVED BY OWNER, ARCHITECT, AND HUD REPRESENTATIVE.

K) DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED AND DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT.

L) RUBBISH AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE AS OFTEN AS NECESSARY TO ENSURE A SAFE AND WELL MAINTAINED CONSTRUCTION SITE.

M) THERE SHALL BE NO DEVIATION FROM THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT AND/OR ENGINEER.

N) THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL ELEMENTS PROVIDED BY OTHERS AND NOT PART OF THEIR SCOPE OF WORK: THE CONTRACTOR SHALL ASSIST COORDINATE THE INSTALLATION OF THESE ELEMENTS FOR SITE ACCESS, PRODUCT DELIVERY, AND INSTALLATION SCHEDULE.

O) ALL MATERIALS SHALL BE NEW AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS UNLESS INDICATED OTHERWISE.

P) THE CONTRACTOR SHALL COORDINATE ALL PLUMBING, MECHANICAL, AND ELECTRICAL DECIDED WITHIN OR PASSING THROUGH CONCRETE ELEMENTS WITH THE PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS.

General Removal Notes

R1. PROTECT EXISTING SURFACES THAT ARE TO REMAIN DURING THE REMOVAL AND CONSTRUCTION PROCESS.

R2. THE DIMENSIONS SHOWN ON THE REMOVAL DRAWINGS WITH A PLUS/MINUS (+-) SIGN ARE APPROXIMATE AND ARE INTENDED FOR REFERENCE PURPOSES ONLY. COORDINATE EXACT EXTENT OF REMOVALS WITH ALL NEW WORK.

R3. PROVIDE TEMPORARY SUPPORT OF EXISTING WALL CONSTRUCTION TO REMAIN PRIOR TO THE REMOVAL OF ADJACENT WALL CONSTRUCTION. REMOVE TEMPORARY SUPPORT ONLY AFTER WALL CONSTRUCTION HAS BEEN PERMANENTLY BRACED TO STRUCTURE ABOVE.

R4. ALL REQUIRED REMOVALS ARE INCLUDED IN THE GENERAL CONTRACT. REMOVAL OF BUILDING ELEMENTS CONSISTS OF THE REMOVAL OF ANY EXISTING ELEMENT WHICH INTERFERES WITH THE COMPLETION OF NEW CONSTRUCTION OR TEMPORARY EGRESS MEASURES.

R5. DEBRIS RESULTING FROM REMOVALS SHALL BE REMOVED FROM THE CONSTRUCTION SITE ON A DAILY BASIS.

R6. ALL SURFACES DISTURBED BY REMOVALS, CUTTING OR PATCHING SHALL BE LEFT WITH A CLEAN CUT TO FACILITATE MATCHING THE EXISTING ADJACENT SURFACES WITH NEW CONSTRUCTION.

R7. WHEN EXISTING PAINTED SURFACES ARE PATCHED IN VISIBLE AREAS, THE ENTIRE WALL SURFACE OR WALL SHALL BE PAINTED TO ACHIEVE A UNIFORM APPEARANCE.

R8. THE CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION AND FINISHES TO THE MAXIMUM EXTENT POSSIBLE. ITEMS AND FINISHES DAMAGED DURING THE REMOVALS OR CONSTRUCTION PHASES SHALL BE REPAIRED OR REFINISHED.

R9. THE CONTRACTOR SHALL INSTALL TEMPORARY BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST AND FUMES TO ADJACENT BUILDING AREAS.

R10. WHERE NEW SYSTEMS ARE INSTALLED IN THE BUILDING, CUT HOLES IN EXISTING WALLS/ FLOORS/ CEILINGS AND SURFACES AS SMALL AS POSSIBLE FOR THE INSTALLATION OF THE SYSTEMS, AND PATCH AS REQUIRED TO CREATE A NEAT OPENING. INSTALL FIRE STOPPING AS REQUIRED TO MAINTAIN THE RATING OF ALL RATED BARRIERS. SEAL AROUND ALL OTHER ANNULAR OPENINGS.

R11. AT AREAS WHERE NEW SYSTEMS ARE INSTALLED ABOVE EXISTING ACOUSTICAL LAY IN CEILINGS, REMOVE THE EXISTING CEILING PANELS/TILES AND STORE IN A LOCATION AS DIRECTED BY THE OWNER, AND RE-INSTALLTHE PANEL/TILE CEILINGS UPON COMPLETION OF THE SYSTEMS WORK. PROTECT THE PANELS/TILES FROM DAMAGE OR DIRT AND STAINING, AND REPLACE ANY PANEL/ TILE WHICH DOES NOT GET DAMAGED, DIRTY, OR STAINED WITH NEW PANELS/ TILES TO MATCH THE EXISTING PANELS.

R12. CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS NECESSARY TO PERFORM AND COMPLETE WORK SHOWN IN THE NEW WORK PLANS AND SPECS.

R13. CONTRACTOR TO STOCKPILE ALL REMOVAL ITEMS FOR DURATION OF PROJECT FOR OWNERS REVIEW. ITEMS TO BE DETERMINED FOR FUTURE REUSE OR DISPOSAL.

R14. SUPPORT/BRACE THE EXISTING STRUCTURAL FRAMING MEMBERS AND SYSTEM AS REQUIRED TO ENSURE BUILDING STABILITY PRIOR TO STARTING ANY STRUCTURAL REMOVALS WORK.

General Non-Structural Metal Framing Notes

PART 1 - GENERAL

1.1 SUMMARY
A. THIS SECTION INCLUDES NON-LOAD-BEARING STEEL FRAMING MEMBERS FOR THE FOLLOWING APPLICATIONS:
1. INTERIOR FRAMING SYSTEMS (E.G., SUPPORTS FOR PARTITION WALLS, FRAMED SOFFITS, FURRING, ETC.).
2. INTERIOR SUSPENSION SYSTEMS (E.G., SUPPORTS FOR CEILINGS, SUSPENDED SOFFITS, ETC.).

PART 2 - PRODUCTS

2.1 NON-LOAD-BEARING STEEL FRAMING, GENERAL
A. FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.
1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C 645 REQUIREMENTS FOR METAL, UNLESS OTHERWISE INDICATED.
2. PROTECTIVE COATING: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING, UNLESS OTHERWISE INDICATED.

2.2 SUSPENSION SYSTEM COMPONENTS
A. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH- (1.59-MM-) DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH- (1.21-MM-) DIAMETER WIRE.
B. HANGER ATTACHMENTS TO CONCRETE:
1. ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS WITH HOLES OR LOOPS FOR ATTACHING WIRE HANGERS AND CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO **5** TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 488 BY AN INDEPENDENT TESTING AGENCY.
A. TYPE: POST INSTALLED, EXPANSION ANCHOR.
2. POWDER-ACTUATED FASTENERS: SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS WITH CLIPS OR OTHER DEVICES FOR ATTACHING HANGERS OF TYPE INDICATED, AND CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 1190 BY AN INDEPENDENT TESTING AGENCY.
C. WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.162-INCH (4.12-MM) DIAMETER.
D. FLAT HANGERS: STEEL SHEET, 1 BY 3/16 INCH (25.4 BY 4.76 MM).
E. GRID SUSPENSION SYSTEM FOR CEILINGS: ASTM C 645, DIRECT-HUNG SYSTEM COMPOSED OF MAIN BEAMS AND CROSS-FURRING MEMBERS THAT INTERLOCK.
1. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
A. ARMSTRONG WORLD INDUSTRIES, INC.: DRYWALL GRID SYSTEMS.
B. CHICAGO METALLIC CORPORATION: **660-C** DRYWALL FURRING SYSTEM.
C. USG CORPORATION: DRYWALL SUSPENSION SYSTEM.

2.3 STEEL FRAMING FOR FRAMED ASSEMBLIES
A. STEEL STUDS AND RUNNERS: ASTM C 645.
1. MINIMUM BASE-METAL THICKNESS: AS INDICATED ON DRAWINGS.
B. SLIP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE ONE OF THE FOLLOWING:
1. SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 645 TOP RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS, INSTALLED WITH STUDS FRICTION FIT INTO TOP RUNNER AND WITH CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING.
2. DOUBLE-RUNNER SYSTEM: ASTM C 645 TOP RUNNERS, INSIDE RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER RUNNER SIZED TO FRICTION FIT INSIDE RUNNER.
3. DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR PARTITION FRAMING RESULTING FROM DEFLECTION OF STRUCTURE ABOVE; IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
A. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
B. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
1. STEEL NETWORK INC. (THE).
2. SUPERIOR METAL TRIM; SUPERIOR FLEX TRACK SYSTEM (SFT).
C. FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING IN LENGTH AND WIDTH INDICATED.
1. MINIMUM BASE-METAL THICKNESS: AS INDICATED ON DRAWINGS OR 0.312 INCH (0.79 MM) .
D. COLD-ROLLED CHANNEL BRIDGING: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.
1. DEPTH: 1-1/2 INCHES (38.1 MM).
2. CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38.1 BY 38.1 MM), 0.068-INCH- (1.73-MM-) THICK, GALVANIZED STEEL.

2.4 AUXILIARY MATERIALS
A. FASTENERS FOR METAL FRAMING: OF TYPE, MATERIAL, SIZE, CORROSION RESISTANCE, HOLDING POWER, AND OTHER PROPERTIES REQUIRED TO FASTEN STEEL MEMBERS TO SUBSTRATES.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL
A. INSTALLATION STANDARD: ASTM C 754.
1. GYPSUM PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 841 THAT APPLY TO FRAMING INSTALLATION.
2. PORTLAND CEMENT PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 1063 THAT APPLY TO FRAMING INSTALLATION.
3. GYPSUM VENEER PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 844 THAT APPLY TO FRAMING INSTALLATION.
4. GYPSUM BOARD ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 840 THAT APPLY TO FRAMING INSTALLATION.

3.2 INSTALLING SUSPENSION SYSTEMS
A. ISOLATE SUSPENSION SYSTEMS FROM BUILDING STRUCTURE WHERE THEY ABUT OR ARE PENETRATED BY BUILDING STRUCTURE TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT.
B. SUSPEND HANGERS FROM BUILDING STRUCTURE AS FOLLOWS:
1. INSTALL HANGERS PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING STRUCTURAL OR SUSPENSION SYSTEM.
A. SPLAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS AND OFFSET RESULTING HORIZONTAL FORCES BY BRACING, COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS.
2. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM PRODUCES HANGER SPACINGS THAT INTERFERE WITH LOCATIONS OF HANGERS REQUIRED TO SUPPORT STANDARD SUSPENSION SYSTEM MEMBERS, INSTALL SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS IN THE FORM OF TRAPEZES OR EQUIVALENT DEVICES.
A. SIZE SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS TO SUPPORT CEILING LOADS WITHIN PERFORMANCE LIMITS ESTABLISHED BY REFERENCED INSTALLATION STANDARDS.
3. DO NOT ATTACH HANGERS TO STEEL ROOF DECK.
4. DO NOT ATTACH HANGERS TO PERMANENT METAL FORMS. FURNISH CAST- IN-PLACE HANGER INSERTS THAT EXTEND THROUGH FORMS.
5. DO NOT ATTACH HANGERS TO ROLLED-IN HANGER TABS OF COMPOSITE STEEL FLOOR DECK.
6. DO NOT CONNECT OR SUSPEND STEEL FRAMING FROM DUCTS, PIPES, OR CONDUIT.
C. FIRE-RESISTANCE-RATED ASSEMBLIES: WIRE TIE FURRING CHANNELS TO SUPPORTS.
D. GRID SUSPENSION SYSTEMS: ATTACH PERIMETER WALL TRACK OR ANGLE WHERE GRID SUSPENSION SYSTEMS MEET VERTICAL SURFACES. MECHANICALLY JOIN MAIN BEAM AND CROSS-FURRING MEMBERS TO EACH OTHER AND BUTT-CUT TO FIT INTO WALL TRACK.
E. INSTALLATION TOLERANCES: INSTALL SUSPENSION SYSTEMS THAT ARE LEVEL TO WITHIN 1/8 INCH IN 12 FEET (3 MM IN 3.6 M) MEASURED LENGTHWISE ON EACH MEMBER THAT WILL RECEIVE FINISHES AND TRANSVERSELY BETWEEN PARALLEL MEMBERS THAT WILL RECEIVE FINISHES.

3.3 INSTALLING FRAMED ASSEMBLIES
A. INSTALL TRACKS (RUNNERS) AT FLOORS AND OVERHEAD SUPPORTS. EXTEND FRAMING FULL HEIGHT TO STRUCTURAL SUPPORTS OR SUBSTRATES ABOVE SUSPENDED CEILINGS, EXCEPT WHERE PARTITIONS ARE INDICATED TO TERMINATE AT SUSPENDED CEILINGS. CONTINUE FRAMING AROUND DUCTS PENETRATING PARTITIONS ABOVE CEILING.
1. SLIP-TYPE HEAD JOINTS: WHERE FRAMING EXTENDS TO OVERHEAD STRUCTURAL SUPPORTS, INSTALL TO PRODUCE JOINTS AT TOPS OF FRAMING SYSTEMS THAT PREVENT AXIAL LOADING OF FINISHED ASSEMBLIES.
2. DOOR OPENINGS: SCREW VERTICAL STUDS AT JAMBS TO JAMB ANCHOR CLIPS ON DOOR FRAMES; INSTALL RUNNER TRACK SECTION (FOR CRIPPLE STUDS) AT HEAD AND SECURE TO JAMB STUDS.
A. INSTALL TWO STUDS AT EACH JAMB, UNLESS OTHERWISE INDICATED.
B. INSTALL CRIPPLE STUDS AT HEAD ADJACENT TO EACH JAMB STUD, WITH A MINIMUM 1/2-INCH (12.7-MM) CLEARANCE FROM JAMB STUD TO ALLOW FOR INSTALLATION OF CONTROL JOINT IN FINISHED ASSEMBLY.
3. OTHER FRAMED OPENINGS: FRAME OPENINGS OTHER THAN DOOR OPENINGS. THE SAME AS REQUIRED FOR DOOR OPENINGS, UNLESS OTHERWISE INDICATED. INSTALL FRAMING BELOW SILLS OF OPENINGS TO MATCH FRAMING REQUIRED ABOVE DOOR HEADS.
4. SOUND-RATED PARTITIONS: INSTALL FRAMING TO COMPLY WITH SOUND-RATED ASSEMBLY INDICATED.
5. CURVED PARTITIONS:
A. BEND TRACK TO UNIFORM CURVE AND LOCATE STRAIGHT LENGTHS SO THEY ARE TANGENT TO ARCS.
B. BEGIN AND END EACH ARC WITH A STUD, AND SPACE INTERMEDIATE STUDS EQUALLY ALONG ARCS. ON STRAIGHT LENGTHS OF NOT LESS THAN 2 STUDS AT ENDS OF ARCS, PLACE STUDS 6 INCHES (150 MM) O.C.
B. INSTALLATION TOLERANCE: INSTALL EACH FRAMING MEMBER SO FASTENING SURFACES VARY NOT MORE THAN 1/8 INCH (3 MM) FROM THE PLANE FORMED BY FACES OF ADJACENT FRAMING.

General Partition Notes

1. PARTITIONS INDICATED TO HAVE A FIRE RATING AND / OR STC RATING SHALL HAVE THE METAL DECK FLUTES FILLED WITH ROCK WOOL WHERE PARTITION MEETS METAL DECK ABOVE. (SHALL BE SMOKE TIGHT)
2. PROVIDE A CONTINUOUS DEFLECTION TRACK AT THE TOP OF ALL PARTITIONS WHICH EXTEND TO THE ROOF DECK / STRUCTURAL FRAMING MEMBERS. ALLOW 3/4" FOR DEFLECTION. DO NOT FASTEN STUDS OR GWB TO THE DEFLECTION TRACK.
3. PROVIDE 1-1/2" "C" SHAPED LATERAL GALVANIZED STEEL HORIZONTAL BRACING AT THE TOP OF ALL PARTIITIONS WHERE A ONE-PIECE DEFLECTION TRACK IS BEING USED. PROVIDE LATERAL BRACING AT 4' - 0" O.C. IN ALL INTERIOR PARTITIONS WHERE THE UNBRACED LENGTH EXCEEDS 10' - 0". FASTEN LATERAL BRACING TO STUDS USING METAL CLIP ANGLES.
4. ALL CONDUIT, PIPE, DUCT, BEAM, ETC. PENETRATIONS SHALL BE MADE TIGHT USING BACKER MATERIAL AND CAULKING FOR SOUND ONLY (BOTH SIDES)
5. DO NOT PLACE BACK TO BACK RECEPTACLES, SWITCHES, ETC. IN THE SAME STUD CAVITY SPACE AT 24" O.C. MIN.
6. PROVIDE TIGHT CONNECTION USING BACKER MATERIAL AND CAULKING AT BASE OF PARTITION, FOR SOUND ONLY (BOTH SIDES).
7. MAINTAIN 1/2" SPACE BETWEEN FLOOR AND SLAB AND GWB AT BASE OF PARTITION.

Attic Stock Notes

CONSTRACTOR TO PROVIDE MIN. 10% ATTIC STOCK OF EACH FINISH MATERIAL INSTALLED TO OWNER OR AS FOLLOWS, WHICHEVER IS GREATER:

- MINIMUM 1 GALLON OF EACH FINISH PAINT COLOR.
- 1 BOX OF EACH CARPET OR LVT TYPE.
- 1 BOX OF EACH TYPE OF CEILING TILE INSTALLED.
- MINIMUM 16 LINEAR FEET OF EACH COLOR BASE MATERIAL INSTALLED.

General Notes

GN1. ALL DIMENSIONS ARE TO THE FACE OF FRAMING AT NEW CONSTRUCTION, AND TO THE FACE OF EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE.

GN2. PLUS/MINUS (+/-) NOTATIONS ARE USED IN DIMENSION STRINGS TO ACCOUNT FOR VARIATIONS IN DRAWINGS AND FIELD CONDITIONS. VERIFY ALL +/- DIMENSIONS DURING WORK, AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCY OR NECESSARY MODIFICATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.

GN3. WHERE REMOVALS RESULT IN UNFINISHED OPENINGS, HOLES, OR SIMILAR IRREGULARITIES AT WALLS, FLOORS OR CEILINGS, PATCH AND REPAIR SURFACES TO MATCH ADJACENT FINISH SURFACES.

GN4. PROVIDE CONCEALED WOOD BLOCKING IN WALLS AS REQUIRED FOR PROPER INSTALLATION OF ALL CASEWORK, FIXTURES, SHELVING STANDARDS, DRINKING FOUNTAINS, TOILET ROOM ACCESSORIES, SIGNAGE, PROJECTORS, PROJECTOR SCREENS, CCTVS, WALL MOUNTED BOARDS, ETC.

GN5. PATCH/REPAIR EXISTING FLOOR SURFACES IN AREAS WHERE WALLS WERE REMOVED, OR EXISTING FLOORING IS DAMAGED TO PROVIDE A LEVEL SURFACE FOR NEW FLOORING.

GN6. HINGE JAMBS OF DOORS SHALL BE 6" FROM WALL CORNER WHERE DOORS ENTER ROOMS AT CORNERS UNLESS NOTED OTHERWISE.

GN7. WHERE EXISTING CONSTRUCTION IS BEING INFILLED WITH NEW CONSTRUCTION, ALIGN FINISHED SURFACES OF NEW CONSTRUCTION WITH FINISH FACE OF EXISTING CONSTRUCTION, AND FINISH TO MATCH THE ADJACENT FINISH SURFACES.

GN8. PAINT ALL NEW WALLS WITH ONE COAT PRIMER AND TWO COATS FINISH PAINT TO MATCH ADJACENT. PROVIDE NEW RUBBER BASE TO MATCH ADJACENT.

GN9. WHERE NEW WALL CONSTRUCTION OCCURS TO EXTEND EXISTING WALL LENGTHS, ALIGN THE FINISH FACE OF BOTH SIDES TO THE NEW WALL WITH EXISTING CONSTRUCTION

GN10. REPAIR/PATCH ANY EXISTING GWB SHEATHING THAT IS TO REMAIN. PREP FOR NEW FINISH.

GN11. INFILL SLAB AS REQUIRED BY REMOVALS. REPLACE TO MATCH EXISTING CONSTRUCTION. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE NOTES.

GN12. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS WITHIN THE SCOPE THIS WORK. DATA IN THESE SPECIFICATIONS AND ON THE DRAWINGS ARE AS ACCURATE AS POSSIBLE, BUT ARE NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY LOCATIONS, LEVELS, DISTANCES, AND FEATURES OF THE SITE AND RELATED IMPROVEMENTS THAT MAY AFFECT THE WORK. BY ACT OF SUBMITTING A BID, THE CONTRACTOR IS DEEMED TO HAVE MADE SUCH EXAMINATION AND TO HAVE EXAMINED ALL ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS, AND TO HAVE MADE ALLOWANCE THEREOF IN PREPARING HIS BID. NO EXTRA CHARGES WILL BE CONSIDERED FOR COSTS RESULTING FROM FAILURE TO COMPLY WITH THE ABOVE.

GN13. PROPOSALS TAKE INTO ACCOUNT ALL SUCH CONDITIONS AS MAY AFFECT CONTRACT WORK.

GN14. DETAIL DRAWINGS AND INSTRUCTIONS:
A. IF WORK REQUIRED IN A MANNER THAT MAKES IT IMPOSSIBLE TO PRODUCE FIRST CLASS WORK, OR DISCREPANCIES APPEAR AMONG CONTRACTUAL DOCUMENTS, REQUEST INTERPRETATION BEFORE PROCEEDING WITH WORK. IF THE CONTRACTOR FAILS TO MAKE SUCH A REQUEST, NO EXCUSE WILL THEREAFTER BE ENTERTAINED FOR FAILURE TO CARRY OUT WORK IN A SATISFACTORY MANNER.
B. SHOULD CONFLICT OCCUR IN OR BETWEEN DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR IS DEEMED TO HAVE ESTIMATED ON MORE EXPENSIVE WAY OF DOING WORK, UNLESS HE SHALL HAVE ASKED FOR AND OBTAINED WRITTEN DECISION BEFORE SUBMISSION OF PROPOSAL AS TO WHICH METHOD OR MATERIALS WILL BE REQUIRED. THE CONTRACTOR SHALL INFORM ARCHITECT IMMEDIATELY IF SUCH CONFLICT BETWEEN DRAWINGS OR SPECIFICATIONS OCCURS.

CONNECTIONS:
GN15. ALL ATTACHMENTS, CONNECTIONS, OR FASTENINGS OF ANY NATURE ARE TO BE AND PERMANENTLY SECURED IN CONFORMANCE WITH BEST PRACTICE: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEN ACCORDING TO THESE CONDITIONS. DRAWINGS SHOW ONLY SPECIAL REQUIREMENTS TO ASSIST THE CONTRACTOR: THEY DO NOT ILLUSTRATE EVERY SUCH DETAIL.

GENERAL CONDITIONS:
GN16. THE CONTRACTOR SHALL COMPLY WITH THE AIA GENERAL CONDITIONS LATEST EDITION.

GN17. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING AND TEMPORARY SUPPORTS, ETC. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO THE APPLICATION OF ALL SHEAR WALLS, ROOF SHEATHING, STRUCTURAL ELEMENTS AND FINISH MATERIALS.

GN18. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, LOCATION OF NEW FRAMING MEMBERS, LINES OF SUPPORT LOCATIONS OF ANCHOR BOLTS, HOLD DOWNS, EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO ORDERING MATERIALS.

GN19 THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION, REMOVALS, MEANS AND METHODS ON THE PROJECT. THE OWNER AND HIS CONSULTANTS SHALL NOT BE RESPONSIBLE FOR HOW THE WORK IS PERFORMED, SAFETY OR NEGLIGENT ACTS OR OMISSIONS BY THE CONTRACTOR OR THE SUBCONTRACTORS OF THE JOB.

GN20 THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, AS REQUIRED BY CODE, ARE TESTED BY INDEPENDENT LABORATORIES AND THAT RESULTS ARE FURNISHED TO LOCAL BUILDING AND PROJECT CONSULTANTS.

GN21. ANY CHANGES TO THE DESIGN, AFTER ISSUANCE OF A BUILDING PERMIT, SHALL BE SUBMITTED TO THE PRESIDING BUILDING AGENCY FOR APPROVAL BY THE CONTRACTOR.

GN22. ONLY DOCUMENTS ISSUED FOR "CONSTRUCTION" SHALL BE USED FOR CONSTRUCTION.

GN23. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH THE REQUIREMENTS OF THE SUPPLIERS FOR THE MATERIALS REPRESENTED BY SHOP DRAWINGS.

GN24. ALL BLOCKING MUST BE FIRE TREATED UNLESS OTHERWISE NOTED. OR AS REQUIRED BY THE LOCAL CODE OFFICIAL.

GN25. CONNECT WATER, GAS, AND ELECTRIC LINES TO EXISTING UTILITIES IN ACCORDANCE WITH LOCAL CITY BUILDING CODES. DURING CONSTRUCTION, SITE MUST HAVE TEMPORARY WATER SERVICE WITH BACKFLOW PREVENTOR.

GN26. DURING CONSTRUCTION, SITE MUST REMAIN CLEAN WITH GARBAGE DUMPSTER & TEMPORARY TOILET FACILITIES. FAILURE TO DO SO MAY RESULT IN TEMPORARY SUSPENSION OF WORK UNTIL VIOLATIONS ARE CORRECTED. DEBRIS SHALL BE REMOVED FROM THE PREMISES AND THE PREMISE SHALL BE KEPT IN A CLEAN (BROOM) CONDITION.

GN27. THE ARCHITECT IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR OTHER JOB SITE CONDITIONS.

GN28. ALL MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, ETC. IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH PUBLISHED INDUSTRY STANDARDS.

GN29. THE CONTRACTOR SHALL PROVIDE NECESSARY SUPERVISION TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND TRUE MEANING AND INTENT OF THESE SPECIFICATIONS EVEN THOUGH SUCH MENTION OF ARTICLES, MATERIALS, OPERATIONS, METHODS, QUALITY, QUALIFICATIONS OR CONDITIONS IS NOT EXPRESSED IN COMPLETE SENTENCES.

GN30. WHERE DEVICES OR ITEMS OR PARTS THEREOF ARE REFERRED TO IN SINGULAR, IT IS INTENDED THAT SUCH A REFERENCE SHALL APPLY TO AS MANY SUCH DEVICES, ITEMS OR PARTS AS ARE REQUIRED TO PROPERLY COMPLETE THE WORK.

GN31. SCHEDULES OR WORK INCLUDED IN THESE SPECIFICATIONS ARE GIVEN FOR CONVENIENCE AND SHALL NOT BE CONSIDERED AS A COMPREHENSIVE LIST OF ITEMS NECESSARY TO COMPLETE THE WORK AS DESCRIBED AND SPECIFIED.

GN32. THE CONTRACTOR SHALL COORDINATE THE WORK COVERED HEREAFTER DESCRIBED WITH THE WORK OF OTHERS INVOLVED IN THIS PROJECT. THE NECESSARY INFORMATION AND THE ITEMS, MATERIAL, EQUIPMENT, ETC. SHALL BE DELIVERED WHEN REQUIRED IN ORDER TO PREVENT DELAY IN THE PROGRESS AND COMPLETION OF WORK.

GN32. JURISDICTION APPROVED DRAWINGS SHALL BE KEPT IN A DRAWING BOX AND SHALL NOT BE USED BY WORKMEN. CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF DRAWINGS WITH REVISIONS, ADDENDA, AND CHANGE ORDERS, ON THE PREMISES AND ARE TO BE UNDER THE CARE OF THE JOB SUPERINDENT. THE CONTRACTOR MUST TURN THIS DRAWING SET OVER TO THE OWNER AT THE COMPLETION OF THIS JOB.

GN33. VERIFY AND CONFORM TO REQUIREMENTS OF UTILITY COMPANIES UNLESS OTHERWISE NOTED IN THE DRAWINGS AND SPECIFICATIONS. WHENEVER MATERIALS, EQUIPMENT, OR SYSTEMS ARE SPECIFIED OR INDICATED BY PROPRIETARY NAME OR MANUFACTURER, THE MATERIALS, EQUIPMENT, SYSTEMS SO SPECIFIED OR INDICATED SHALL BE DEEMED TO BE FOLLOWED BY THE WORDS "OR EQUAL" EXCEPT IN THOSE CASES WHERE ITEMS SPECIFIED BY NAME ARE MARKED "NO SUBSTITUTE". THE SUBCONTRACTOR MAY, AT HIS OPTION, SUBMIT FOR THE CONTRACTOR'S APPROVAL, EQUIPMENT, MATERIALS OR SYSTEMS OF A DIFFERENT MANUFACTURER AS SPECIFIED AND SUCH MUST BE REQUESTED IN WRITING TO CONTRACTOR A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO NECESSARY APPROVAL DATE. NO SUBSTITUTIONS SHALL BE PERMITTED UNLESS THE APPROVAL IS GRANTED.

GN34. THE SUBCONTRACTOR SHALL PROVIDE EVIDENCE OF QUALIFICATIONS TO THE CONTRACTOR AND SHALL EMPLOY ONLY SKILLED, QUALIFIED PERSONNEL ON THE JOB.

GN35. WORK IS TO BE DONE IN THE BEST WORKMANLIKE MANNER AND SHALL HAVE TO MEET WITH THE APPROVAL OF THE OWNER AND ARCHITECT.

GN36 WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER COMPLETION, UNLESS OTHERWISE SPECIFIED, AND SHALL BE SO STATED IN SUBCONTRACTOR'S WRITTEN PROPOSAL AND AGREEMENT. REPAIRS, CORRECTIONS, DISCREPANCIES, ETC. MUST BE MADE WITHOUT ADDITIONAL COST TO THE OWNER, AND WITHIN (5) DAYS AFTER NOTICE IS GIVEN.

GN47 CONTRACTORS SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE BUILDING AND SITE WHILE JOB IS IN PROGRESS AND UNTIL JOB IS COMPLETED.

GN38 CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS.

GN39 DO NOT SCALE DRAWINGS.

GN40 ITEMS MARKED "N.I.C." ARE NOT PART OF THIS CONTRACT. ITEMS NOTED AS OWNER SUPPLIED AND SUBCONTRACTOR INSTALLED, SHALL BE SUPPLIED BY THE OWNER BUT WILL BE INSTALLED BY THE SUBCONTRACTOR.

GN41 PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO CONFIRM POSSESSION OF THE LATEST DRAWINGS, INCLUDING ANY REVISIONS. IF THE DRAWINGS ARE NOT LABELED AS "CONSTRUCTION SET" ON THE COVER PAGE, CONTRACTOR TO CONTACT ARCHITECT IMMEDIATELY.

General Floor Drain Notes

1. FLOOR DRAIN TRAPS SHALL HAVE REMOVABLE STRAINERS. THE STRAINER SHALL HAVE A WATERWAY AREA OF NOT LESS THAN THE AREA OF THE TAILPIECE. THE FLOOR DRAIN SHALL BE CONSTRUCTED SO THAT THE DRAIN IS CAPABLE OF BEING CLEARED. ACCESS SHALL BE PROVIDED TO THE DRAIN INLET.

2. EACH FIXTURE TRAP SHALL HAVE A LIQUID SEAL OF NOT LESS THAN 2 INCHES (51 MM) AND NOT MORE THAN 4 INCHES (102 MM), OR DEEPER FOR SPECIAL DESIGNS RELATING TO ACCESSIBLE FIXTURES. WHERE A TRAP SEAL IS SUBJECT TO LOSS BY EVAPORATION, A TRAP SEAL PRIMER VALVE SHALL BE INSTALLED. A TRAP SEAL PRIMER VALVE SHALL CONFORM TO ASSE 1018 OR ASSE 1044.

Egress Maintenance General Notes

1. REQUIRED EXIT ACCESSES, EXITS, OR EXIT DISCHARGES SHALL BE CONTINUOUSLY MAINTAINED FREE FROM OBSTRUCTIONS OR IMPEDIMENTS TO FULL INSTANT USE IN THE CASE OF FIRE OR OTHER EMERGENCY. SECURITY DEVICES AFFECTING MEANS OF EGRESS SHALL BE SUBJECT TO APPROVAL OF THE CODE ENFORCEMENT OFFICIAL.

2. A MEANS OF EGRESS SHALL BE FREE FROM OBSTRUCTIONS THAT WOULD PREVENT ITS USE INCLUDING ACCUMULATION OF SNOW AND ICE.

3. FURNISHINGS AND DECORATIONS OR OTHER OBJECTS SHALL NOT BE PLACED SO AS TO OBSTRUCT EXITS, ACCESS THERETO, EGRESS THERE FROM, OR VISIBILITY THEREOF HANGINGS AND DRAPERIES SHALL NOT BE PLACED OVER EXIT DOORS OR OTHERWISE BE LOCATED TO CONCEAL OR OBSTRUCT AN EXIT. MIRRORS SHALL NOT BE PLACED ON EXIT DOORS. MIRRORS SHALL NOT BE PLACED IN OR ADJACENT TO ANY EXIT IN SUCH A MANNER AS TO CONFUSE THE DIRECTION OF EXIT TRAVEL.

General Fire Safety Notes

FS1. THE CONTRACTOR SHALL MAINTAIN FULL ACCESS AND EMERGENCY EGRESS FROM EACH LEVEL FOR THE DURATION OF THE PROJECT.

FW2. THE CONTRACTOR SHALL NOT VIOLATE ANY CODES OR INTERFERE WITH THE LIFE SAFETY OF THE FACILITY AT ANY TIME DURING THE ENTIRE LENGTH OF THE CONSTRUCTION. FOR EXAMPLE, MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES. IF NECESSARY, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE PATH TO MAINTAIN THE PATH OF THE MEANS OF EGRESS WITHIN THE PARAMETERS OF THE APPLICABLE BUILDING CODES.

FW3. IF TEMPORARY PARTITIONS ARE REQUIRED, EXISTING RATED PARTITION SHALL BE PRESERVED AND NEW TEMPORARY PARTITIONS SHALL BE RATED AS REQUIRED TO MATCH THE EXISTING ADJACENT PARTITIONS.

General Insulation Notes

1. INSULATING MATERIALS, WHERE CONCEALED AS INSTALLED IN BUILDINGS OF ANY TYPE OF CONSTRUCTION, SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.

2. INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.

3. THE USE OF COMBUSTIBLE ROOF INSULATION NOT COMPLYING WITH SECTIONS 719.2 AND 719.3 SHALL BE PERMITTED IN ANY TYPE OF CONSTRUCTION PROVIDED IT IS COVERED WITH APPROVED ROOF COVERINGS DIRECTLY APPLIED THERETO.

List of Abbreviations

A	
ABV	ABOVE
ACC.FL.	ACCESS FLOOR
ACOUST.	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
A.D.	AREA DRAIN
	ADJACENT
ADJUST.	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ALUM. / AL.	ALUMINUM
ANG.	ANGLE
ANOD.	ANODIZED
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
AUTO.	AUTOMATIC
AVG.	AVERAGE
B	
BD.	BOARD
BLBD.	BLACK BOARD
BLDG.	BUILDING
BLK/BLK'G	BLOCK OR BLOCKING
BM.	BEAM
BOT.	BOTTOM
B.O.	BOTTOM OF
BRK.	BRICK
BSMT.	BASEMENT
BTWN	BETWEEN
B.U.	BUILT-UP
B.W.	BOTH WAYS
C	
CAB.	CABINET
CB. / TB.	CORKBOARD/ TACKBOARD
C.B.	CATCH BASIN
CEM.	CEMENT
CER.	CERAMIC
C.H.	CEILING HEIGHT
CIR.	CIRCLE
C.J./CJ	CONTROL JOINT
CLG.	CEILING
CLKG.	CAULKING
CL/CL	CENTER LINE
CLO.	CLOSET
CLR.	CLEAR
CMU.	CONCRETE MASONRY UNIT
C.O.	CLEAR OPENING
COL.	COLUMN
COMM.	COMMUNICATION
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONTR.	CONTRACTOR
COOR.	COORDINATE
CONT.	CONTINUOUS
CPT.	CARPET
CSMT.	CASEMENT
C.T.	CERAMIC TILE
CTR.	CENTER
D	
D.	DEPTH
DBL.	DOUBLE
DEG.	DEGREE
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIAG	DIAGONAL
DIFF.	DIFFUSER
DIM.	DIMENSION
DISP.	DISPOSAL
DIV.	DIVIDER
DN.	DOWN
DR	DOOR
DRAP.	DRAPERY
DS.	DOWNSPOUT
DTL.	DETAIL
DWG.	DRAWING
DWR.	DRAWER
DW	DISHWASHER
E	
E	EAST
EA.	EACH
E.F.	EACH FACE
E.J.	EXPANSION JOINT
E.I.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM
EL. / ELEV.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
EQ	EQUAL
EQUIP.	EQUIPMENT
E.W.	EACH WAY
E.W.C.	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP. JT	EXPANSION JOINT
EXT.	EXTERIOR
EXTRU.	EXTRUDED
F	
F.A.	FIRE ALARM
F.D.	FLOOR DRAIN
F.D.C.	FIRE DEPARTMENT CONNECTION
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FED.	FEDERAL
F.F.	FINISH FLOOR
F.H.C.	FIRE HOSE CABINET
FIN.	FINISH
FIXT	FIXTURE
F.L.	FLOW LINE
FLR.	FLOOR
FLUOR	FLUORESCENT
F.O.B.	FACE OF BRICK
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.R.	FIRE RETARDANT
F.S.	FULL SIZE
FT.	FOOT OR FEET
FTG.	FOOTING
FURR	FURRING
FUT.	FUTURE
F.V.	FIELD VERIFY
G	
GA.	GAUGE
GALV.	GALVANIZE
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
GEN.	GENERAL
GL	GLASS
GR.	GRADE
GYP.	GYPSUM
H	
H.	HIGH
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
H/C	HANDICAPPED
HD.	HEAD
HDW.	HARDWARE
HDWD.	HARDWOOD
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
H.P.	HORSE POWER
HR	HOUR
HT.	HEIGHT
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HOL.	HOLLOW
I	
IN.	INCHES
INSUL.	INSULATION
INT.	INTERIOR
J	
JAN.	JANITOR
J.F.	JOINT FILLER
JNT.	JOINT
JST.	JOIST
K	
KIT.	KITCHEN
L	
L.	LONG OR LENGTH
LAB.	LABORATORY
LAM.	LAMINATE
LAV.	LAVATORY
LBL.	LABEL
L.H.	LEFT HAND
LIN	LINEN
L.L.V.	LONG LEG VERTICAL
LN	LINE
L.P.	LOW POINT
LT.	LIGHT
LVR.	LOUVER
M	
MAS.	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
M.C.	MINERAL CORE
MECH.	MECHANICAL
MEMB.	MEMBRANE
MEZZ.	MEZZANINE
MFTR	MANUFACTURER
MGR.	MANAGER
M.H.	MANHOLE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MLDG.	MOLDING
MLWK.	MILLWORK
M.O.	MASONRY OPENING
M.R.	MOISTURE RESISTIVE
MRB.	MARBLE
M.T.	MARBLE THRESHOLD
MTD.	MOUNTED
MTL	METAL
MULL.	MULLION
N	
N	NORTH
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O	
O.C.	ON CENTER
OD	OVERFLOW DRAIN
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
P	
PART.	PARTITION
PH	PRE HUNG
PL.	PLATE
P.L.	PROPERTY LINE
P.LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
PNL.	PANEL
POL.	POLISHED
PR.	PAIR
PREC.	PRECAST
PREFAB.	PREFABRICATED
PROJ.	PROJECT
PROP.	PROPERTY
P.T.	PRESSURE TREATED
PTD.	PAINTED
PVC	POLYVINYL CHLORIDE
PVRS	PAVERS
Q	
Q.T.	QUARRY TILE
QTY.	QUANTITY
R	
R.	RISER
RAD.	RADIUS
R.B.	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE:	REFER TO...
REF.	REFRIGERATOR
REINF.	REINFORCED
REQD.	REQUIRED
REV.	REVISED / REVISION
RH	RIGHT HAND
RM	ROOM
R.O.	ROUGH OPENING
S	
S	SOUTH
SAFB	SOUND ACOUSTICAL FIBER BOARD
	SOLID CORE
	SCHEDULE
	SECTION
	SQUARE FOOT / FEET
SHLV./SH	SHELVING
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
SR	SEMI RECESSED
S.S.	STAINLESS STEEL
STAGG.	STAGGERED
STD.	STANDARD
STL.	STEEL
STN.	STAINED
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYST.	SYSTEM
T	
T	TREAD
T & G	TONGUE & GROOVE
TEMP GL.	TEMPERED GLASS
TER	TERRAZZO
TH.	THICK
T.O.	TOP OF
TOIL.	TOILET
TYP.	TYPICAL
U	
U.O.N.	UNLESS OTHERWISE NOTED
V	
VAR.	VARIES
V.B.	VINYL BASE
VCT	VINYL COMPOSITION TILE
VER.	VERIFY
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W	
W	WEST / WIDE
W/	WITH
W.C.	WATER CLOSET
W/D	WASHER/DRYER COMBO
WD.	WOOD
WP.	WATER PROOF
W.R.	WATER RESISTANT
W/O	WITHOUT
WNF	WELDED WIRE FABRIC

REGISTERED ARCHITECT
KENNETH DUNCAN SYVERTSEN
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STATE OF NEW YORK

STAMP

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ARCHITECT

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

General Notes

SHEET TITLE

G101

SHEET NUMBER

General EPDM Roof Notes

PART 1 GENERAL

1.01 SECTION INCLUDES
A. EPDM MEMBRANE ROOFING SYSTEM, INCLUDING ALL COMPONENTS SPECIFIED.

B. COMPLY WITH THE PUBLISHED RECOMMENDATIONS AND INSTRUCTIONS OF THE ROOFING MEMBRANE MANUFACTURER, AT HTTP://MANUAL.FSBP.COM.

C. COMMENCEMENT OF WORK BY CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGEMENT BY CONTRACTOR THAT THIS SPECIFICATION CAN BE SATISFACTORILY EXECUTED, UNDER THE PROJECT CONDITIONS AND WITH ALL NECESSARY PREREQUISITES FOR WARRANTY ACCEPTANCE BY ROOFING MEMBRANE MANUFACTURER. NO MODIFICATION OF THE CONTRACT SUM WILL BE MADE FOR FAILURE TO ADEQUATELY EXAMINE THE CONTRACT DOCUMENTS OR THE PROJECT CONDITIONS.

1.04 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: ROOFING INSTALLER SHALL HAVE THE FOLLOWING:
1. CURRENT FIRESTONE RED SHIELD LICENSED CONTRACTOR STATUS.
2. AT LEAST FIVE YEARS EXPERIENCE IN INSTALLING SPECIFIED SYSTEM.

1.06 WARRANTY
A. COMPLY WITH ALL WARRANTY PROCEDURES REQUIRED BY MANUFACTURER, INCLUDING NOTIFICATIONS, SCHEDULING, AND INSPECTIONS.

B.WARRANTY: FIRESTONE LIMITED WARRANTY COVERING MEMBRANE, ROOF INSULATION, AND OTHER INDICATED COMPONENTS OF THE SYSTEM, FOR THE TERM INDICATED.
1. LIMIT OF LIABILITY: NO DOLLAR LIMITATION.
2. SCOPE OF COVERAGE: REPAIR LEAKS IN THE ROOFING SYSTEM CAUSED BY:
A. ORDINARY WEAR AND TEAR OF THE ELEMENTS.
B. MANUFACTURING DEFECT IN FIRESTONE BRAND MATERIALS.
C. DEFECTIVE WORKMANSHIP USED TO INSTALL THESE MATERIALS.
D. DAMAGE DUE TO WINDS UP TO 90 MPH (145 KM/H).
3. NOT COVERED:
A. DAMAGE DUE TO WINDS IN EXCESS OF 90 MPH (145 KM/H).
B. DAMAGE DUE HURRICANES OR TORNADOES.
C. HAIL.
D. INTENTIONAL DAMAGE.
E. UNINTENTIONAL DAMAGE DUE TO NORMAL ROOFTOP INSPECTIONS, MAINTENANCE, OR SERVICE.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. ACCEPTABLE MANUFACTURER - ROOFING SYSTEM: FIRESTONE BUILDING PRODUCTS LLC, CARMEL, IN: WWW.FIRESTONEBPCO.COM.

B. MANUFACTURER OF INSULATION AND COVER BOARDS: SAME MANUFACTURER AS ROOF MEMBRANE.

C. MANUFACTURER OF METAL ROOF EDGING: SAME MANUFACTURER AS ROOF MEMBRANE.
1. METAL ROOF EDGING PRODUCTS BY OTHER MANUFACTURERS ARE NOT ACCEPTABLE.
2. FIELD- OR SHOP-FABRICATED METAL ROOF EDGINGS ARE NOT ACCEPTABLE.

2.02 ROOFING SYSTEM DESCRIPTION
A. ROOFING SYSTEM: ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) SINGLE-PLY MEMBRANE.
1. MEMBRANE ATTACHMENT: FULLY ADHERED.
2. WARRANTY: FULL SYSTEM WARRANTY: FIRESTONE 30 YEAR PLATINUM LIMITED WARRANTY COVERING MEMBRANE, ROOF INSULATION, AND MEMBRANE ACCESSORIES.
3. COMPLY WITH APPLICABLE LOCAL BUILDING CODE REQUIREMENTS.

B. ROOFING SYSTEM COMPONENTS: LISTED IN ORDER FROM THE TOP OF THE ROOF DOWN:
1. MEMBRANE: THICKNESS AS SPECIFIED.
2. INSULATION:

A. MAXIMUM BOARD THICKNESS: 3 INCHES (75 MM): USE AS MANY LAYERS AS NECESSARY: STAGGER JOINTS IN ADJACENT LAYERS.
B. TAPERED: SLOPE AS INDICATED: PROVIDE MINIMUM R-VALUE AT THINNEST POINT: PLACE TAPERED LAYER ON TOP.
C. TOP LAYER: POLYISOCYANURATE FOAM BOARD, NON-COMPOSITE: ADHESIVE ATTACHED.
D. INTERMEDIATE LAYER(S), IF ANY: POLYISOCYANURATE FOAM BOARD, NON-COMPOSITE: ADHESIVE ATTACHED.
E. BOTTOM LAYER: POLYISOCYANURATE FOAM BOARD, NON-COMPOSITE: MECHANICALLY FASTENED.
F. CRICKETS: TAPERED INSULATION OF SAME TYPE AS SPECIFIED FOR TOP LAYER: SLOPE AS INDICATED.

2.03 EPDM MEMBRANE MATERIALS
A. ROOFING AND FLASHING MEMBRANE: BLACK, CURED SYNTHETIC SINGLE-PLY MEMBRANE COMPOSED OF ETHYLENE PROPYLENE DIENE TERPOLYMER (EPDM) WITH THE FOLLOWING PROPERTIES:
1. REINFORCEMENT: NONE: MEMBRANE COMPLYING WITH ASTM D4637 TYPE I.
2. THICKNESS: 0.0 INCH (2.2 MM).
3. NOMINAL THICKNESS TOLERANCE: PLUS/MINUS 10 PERCENT.
4. ACCEPTABLE PRODUCT: RUBBERGARD PLATINUM EPDM MEMBRANE BY FIRESTONE.
B. MEMBRANE FASTENERS: TYPE AND SIZE AS REQUIRED BY ROOF MEMBRANE MANUFACTURER FOR ROOFING SYSTEM AND WARRANTY TO BE PROVIDED: USE ONLY FASTENERS FURNISHED BY ROOF MEMBRANE MANUFACTURER
C. FLASHING MEMBRANE: SELF-CURING, NON-REINFORCED MEMBRANE COMPOSED OF NONVULCANIZED EPDM RUBBER, COMPLYING WITH ASTM D4811 TYPE II, AND WITH THE FOLLOWING PROPERTIES:
1. THICKNESS: 0.055 INCH (1.4 MM).
2. ACCEPTABLE PRODUCT: RUBBERGARD EPDM FORMFLASH BY FIRESTONE.
D. SELF-ADHESIVE FLASHING MEMBRANE: SEMI-CURED 45 MIL EPDM MEMBRANE LAMINATED TO 35 MIL (0.9 MM) EPDM TAPE ADHESIVE: QUICKSEAM FLASHING BY FIRESTONE.
E. PRE-MOLDED PIPE FLASHINGS: EPDM, MOLDED FOR QUICK ADAPTATION TO DIFFERENT SIZED PIPES: FIRESTONE EPDM PIPE FLASHING.
F. SELF-ADHESIVE LAP SPLICE TAPE: 35 MIL (0.9 MM) EPDM-BASED, FORMULATED FOR COMPATIBILITY WITH EPDM MEMBRANE AND HIGH-SOLIDS PRIMER: QUICKSEAM SPLICE TAPE BY FIRESTONE.
G. SPLICE ADHESIVE: SYNTHETIC POLYMER-BASED, FORMULATED FOR COMPATIBILITY WITH EPDM MEMBRANE AND METAL SURFACES: SA-1065 SPLICE ADHESIVE BY FIRESTONE.
H. BONDING ADHESIVE: LVOC, FORMULATED FOR COMPATIBILITY WITH EPDM MEMBRANE AND WIDE VARIETY OF SUBSTRATE MATERIALS, INCLUDING MASONRY, WOOD, AND INSULATION FACINGS: FIRESTONE SINGLE PLY LVOC BONDING ADHESIVE.
I. ADHESIVE PRIMER: SYNTHETIC RUBBER BASED PRIMER FORMULATED FOR COMPATIBILITY WITH EPDM MEMBRANE AND TAPE ADHESIVE, WITH VOC CONTENT LESS THAN 2.1 LB/GAL (250 G/L): QUICKPRIME PLUS LVOC BY
J. SEAM EDGE TREATMENT: EPDM RUBBER-BASED SEALANT, FORMULATED FOR SEALING EXPOSED EDGES OF MEMBRANE AT SEAMS: LAP SEALANT HS BY FIRESTONE.
K. POURABLE SEALER: TWO-PART POLYURETHANE, TWO-COLOR FOR RELIABLE MIXING: POURABLE SEALER BY FIRESTONE.
L. WATER BLOCK SEAL: BUTYL RUBBER SEALANT FOR USE BETWEEN TWO SURFACES, NOT EXPOSED: WATER BLOCK SEAL BY FIRESTONE
M. METAL PLATES AND STRIPS USED FOR FASTENING MEMBRANE AND INSULATION: STEEL WITH GALVALUME COATING: CORROSION-RESISTANCE MEETING FM 4470 CRITERIA.
N. TERMINATION BARS: ALUMINUM BARS WITH INTEGRAL CAULK LEDGE: 1.3 INCHES (33 MM) WIDE BY 0.10 INCH (2.5 MM) THICK: FIRESTONE TERMINATION BAR BY FIRESTONE.

2.04 ROOF INSULATION AND COVER BOARDS
A. POLYISOCYANURATE BOARD INSULATION: CLOSED CELL POLYISOCYANURATE FOAM WITH BLACK GLASS REINFORCED MAT LAMINATED TO FACES, COMPLYING WITH ASTM C1289 TYPE II CLASS 1, WITH THE FOLLOWING ADDITIONAL CHARACTERISTICS:
1. THICKNESS: AS INDICATED ELSEWHERE.
2. SIZE: 48 INCHES (1220 MM) BY 96 INCHES (2440 MM), NOMINAL.
A. EXCEPTION: INSULATION TO BE ATTACHED USING ADHESIVE MAY BE NO LARGER THAN 48 INCHES (1220 MM) BY 48 INCHES (1220 MM), NOMINAL.
3. R-VALUE (LTTR): 30
A. 6.0 INCH (76 MM) THICKNESS: 17.4, MINIMUM.
4. COMPRESSIVE STRENGTH: 25 PSI (172 KPA) WHEN TESTED IN ACCORDANCE WITH ASTM C1289.
5. OZONE DEPLETION POTENTIAL: ZERO: MADE WITHOUT CFC OR HCFC BLOWING AGENTS.
6. RECYCLED CONTENT: 19 PERCENT POST-CONSUMER AND 15 PERCENT POST-INDUSTRIAL, AVERAGE.
7. ACCEPTABLE PRODUCT: ISO 95+ GL POLYISOCYANURATE INSULATION BY FIRESTONE.

B. INSULATION FASTENERS: TYPE AND SIZE AS REQUIRED BY ROOF MEMBRANE MANUFACTURER FOR ROOFING SYSTEM AND WARRANTY TO BE PROVIDED: USE ONLY FASTENERS FURNISHED BY ROOF MEMBRANE MANUFACTURER.
C. ADHESIVE FOR INSULATION ATTACHMENT: TYPE AS REQUIRED BY ROOF MEMBRANE MANUFACTURER FOR ROOFING SYSTEM AND WARRANTY TO BE PROVIDED: USE ONLY ADHESIVES FURNISHED BY ROOF MEMBRANE MANUFACTURER.

2.05 METAL ACCESSORIES
A. METAL ROOF EDGING AND FASCIA: CONTINUOUS METAL EDGE MEMBER SERVING AS TERMINATION OF ROOF MEMBRANE AND RETAINER FOR METAL FASCIA: WATERTIGHT WITH NO EXPOSED FASTENERS: MOUNTED TO ROOF EDGE NAILER.
1. WIND PERFORMANCE:
A. MEMBRANE PULL-OFF RESISTANCE: 100 LBS/FT (1460 N/M), MINIMUM, WHEN TESTED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHOD RE-1, CURRENT EDITION.
B. FASCIA PULL-OFF RESISTANCE: AT LEAST THE MINIMUM REQUIRED WHEN TESTED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHOD RE-2, CURRENT EDITION.
C. PROVIDE PRODUCT LISTED IN CURRENT FACTORY MUTUAL RESEARCH CORPORATION APPROVAL GUIDE WITH AT LEAST FM 1-270 RATING.

2. DESCRIPTION: TWO-PIECE: EXTRUDED ALUMINUM T-SHAPED EDGE MEMBER SECURING TOP AND BOTTOM EDGES OF FLAT-FACED FORMED METAL FASCIA: FIRESTONE ANCHORGARD.
3. FASCIA MATERIAL AND FINISH: 0.050 INCH (1.3 MM) THICK FORMED ALUMINUM, KYNAR 500 FINISH IN MANUFACTURER'S STANDARD COLOR: MATCHING CONCEALED JOINT SPLICE PLATES: FACTORY-INSTALLED PROTECTIVE PLASTIC FILM.
4. LENGTH: 144 INCHES (3650 MM).
5. FUNCTIONAL CHARACTERISTICS: FASCIA RETAINER SUPPORTS WHILE ALLOWING FOR FREE THERMAL CYCLING OF FASCIA.
6. ALUMINUM BAR: CONTINUOUS 6063-T6 ALLOY ALUMINUM EXTRUSION WITH PRE-PUNCHED SLOTTED HOLES: MITERS WELDED: INJECTION MOLDED EPDM SPLICES TO ALLOW THERMAL EXPANSION.
7. ANCHOR BAR CLEAT: 20 GAGE, 0.036 INCH (0.9 MM) G90 COATED COMMERCIAL TYPE GALVANIZED STEEL WITH PRE-PUNCHED HOLES.
8. CURVED APPLICATIONS: FACTORY MODIFIED.
9. FASTENERS: FACTORY-PROVIDED CORROSION RESISTANT FASTENERS, WITH DRIVERS: NO EXPOSED FASTENERS PERMITTED.
10. SPECIAL SHAPED COMPONENTS: PROVIDE FACTORY-FABRICATED PIECES NECESSARY FOR COMPLETE INSTALLATION, INCLUDING MITERS, SCUPPERS, AND END CAPS: MINIMUM 14 INC (355 MM) LONG LEGS ON CORNER PIECES.
11. SCUPPERS: WELDED WATETIGHT.
12. ACCESSORIES: PROVIDE MATCHING BRICK WALL CAP, DOWNSPOUT, EXTENDERS, AND OTHER SPECIAL FABRICATIONS AS SHOWN ON THE DRAWINGS.

PART 3 INSTALLATION

3.01 GENERAL
A. INSTALL ROOFING, INSULATION, FLASHINGS, AND ACCESSORIES IN ACCORDANCE WITH ROOFING MANUFACTURER'S PUBLISHED INSTRUCTIONS AND RECOMMENDATIONS FOR THE SPECIFIED ROOFING SYSTEM. WHERE MANUFACTURER PROVIDES NO INSTRUCTIONS OR RECOMMENDATIONS, FOLLOW GOOD ROOFING PRACTICES AND INDUSTRY STANDARDS. COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
B. OBTAIN ALL RELEVANT INSTRUCTIONS AND MAINTAIN COPIES AT PROJECT SITE FOR DURATION OF INSTALLATION PERIOD.
C. DO NOT START WORK UNTIL PRE-INSTALLATION NOTICE HAS BEEN SUBMITTED TO MANUFACTURER AS NOTIFICATION THAT THIS PROJECT REQUIRES A MANUFACTURER'S WARRANTY.
D. PERFORM WORK USING COMPETENT AND PROPERLY EQUIPPED PERSONNEL.
E. TEMPORARY CLOSURES, WHICH ENSURE THAT MOISTURE DOES NOT DAMAGE ANY COMPLETED SECTION OF THE NEW ROOFING SYSTEM, ARE THE RESPONSIBILITY OF THE APPLICATOR. COMPLETION OF FLASHINGS, TERMINATIONS, AND TEMPORARY CLOSURES SHALL BE COMPLETED AS REQUIRED TO PROVIDE A WATERTIGHT CONDITION.
F. INSTALL ROOFING MEMBRANE ONLY WHEN SURFACES ARE CLEAN, DRY, SMOOTH AND FREE OF SNOW OR ICE: DO NOT APPLY ROOFING MEMBRANE DURING INCLEMENT WEATHER OR WHEN AMBIENT CONDITIONS WILL NOT ALLOW PROPER APPLICATION: CONSULT MANUFACTURER FOR RECOMMENDED PROCEDURES DURING COLD WEATHER.
G. PROTECT ADJACENT CONSTRUCTION, PROPERTY, VEHICLES, AND PERSONS FROM DAMAGE RELATED TO ROOFING WORK: REPAIR OR RESTORE DAMAGE CAUSED BY ROOFING
1. PROTECT FROM SPILLS AND OVERSPRAY FROM BITUMEN, ADHESIVES, SEALANTS AND COATINGS.
2. PARTICULARLY PROTECT METAL, GLASS, PLASTIC, AND PAINTED SURFACES FROM BITUMEN, ADHESIVES, AND SEALANTS WITHIN THE RANGE OF WIND-BORNE OVERSPRAY.
3. PROTECT FINISHED AREAS OF THE ROOFING SYSTEM FROM ROOFING RELATED WORK TRAFFIC AND TRAFFIC BY OTHER TRADES.
H. UNTIL READY FOR USE, KEEP MATERIALS IN THEIR ORIGINAL CONTAINERS AS LABELED BY THE MANUFACTURER.
I. CONSULT WITH MEMBRANE MANUFACTURER'S INSTRUCTIONS, CONTAINER LABELS, AND MATERIAL SAFETY DATA SHEETS (MSDS) FOR SPECIFIC SAFETY INSTRUCTIONS. KEEP ALL ADHESIVES,SEALANTS, PRIMERS AND CLEANING MATERIALS AWAY FROM ALL SOURCES OF IGNITION.

3.02 EXAMINATION
A. EXAMINE ROOF DECK TO DETERMINE THAT IT IS SUFFICIENTLY RIGID TO SUPPORT INSTALLERS AND THEIR MECHANICAL EQUIPMENT AND THAT DEFLECTION WILL NOT STRAIN OR RUPTURE ROOF COMPONENTS OR DEFORM DECK.
B. VERIFY THAT SURFACES AND SITE CONDITIONS ARE READY TO RECEIVE WORK. CORRECT DEFECTS IN THE SUBSTRATE BEFORE COMMENCING WITH ROOFING WORK.
C. EXAMINE ROOF SUBSTRATE TO VERIFY THAT IT IS PROPERLY SLOPED TO DRAINS.
D. VERIFY THAT THE SPECIFICATIONS AND DRAWING DETAILS ARE WORKABLE AND NOT IN CONFLICT WITH THE ROOFING MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS: START OF WORK CONSTITUTES ACCEPTABLE OF PROJECT CONDITIONS AND REQUIREMENTS.

3.03 PREPARATION

A. TAKE APPROPRIATE MEASURES TO ENSURE THAT FUMES FROM ADHESIVE SOLVENTS ARE NOT DRAWN INTO THE BUILDING THROUGH AIR INTAKES.
B. PRIOR TO PROCEEDING, PREPARE ROOF SURFACE SO THAT IT IS CLEAN, DRY, AND SMOOTH, AND FREE OF SHARP EDGES, FINS, ROUGHENED SURFACES, LOOSE OR FOREIGN MATERIALS, OIL, GREASE AND OTHER MATERIALS THAT MAY DAMAGE THE MEMBRANE.
C. FILL ALL SURFACE VOIDS IN THE IMMEDIATE SUBSTRATE THAT ARE GREATER THAN 1/4 INCH (6 MM) WIDE WITH FILL MATERIAL ACCEPTABLE INSULATION TO MEMBRANE MANUFACTURER.
D. SEAL, GROUT, OR TAPE DECK JOINTS, WHERE NEEDED, TO PREVENT BITUMEN SEEPAGE INTO BUILDING.

3.04 INSULATION AND COVER BOARD INSTALLATION
A. INSTALL INSULATION IN CONFIGURATION AND WITH ATTACHMENT METHOD(S) SPECIFIED IN PART 2, UNDER ROOFING SYSTEM.
B. INSTALL ONLY AS MUCH INSULATION AS CAN BE COVERED WITH THE COMPLETED ROOFING SYSTEM BEFORE THE END OF THE DAY'S WORK OR BEFORE THE ONSET OF INCLEMENT WEATHER.
C. LAY ROOF INSULATION IN COURSES PARALLEL TO ROOF EDGES.
D. NEATLY AND TIGHTLY FIT INSULATION TO ALL PENETRATIONS, PROJECTIONS, AND NAILERS, WITH GAPS NOT GREATER THAN 1/4 INCH (6 MM). FILL GAPS GREATER THAN 1/4 INCH (6 MM) WITH ACCEPTABLE INSULATION. DO NOT LEAVE THE ROOFING MEMBRANE UNSUPPORTED OVER A SPACE GREATER THAN 1/4 INCH (6 MM).

3.05 SINGLE-PLY MEMBRANE INSTALLATION
A. BEGINNING AT LOW POINT OF ROOF, PLACE MEMBRANE WITHOUT STRETCHING OVER SUBSTRATE AND ALLOW TO RELAX AT LEAST 30 MINUTES BEFORE ATTACHMENT OR SPLICING: IN COLDER WEATHER ALLOW FOR LONGER RELAX TIME.
B. LAY OUT THE MEMBRANE PIECES SO THAT FIELD AND FLASHING SPLICES ARE INSTALLED TO SHED WATER.
C. INSTALL MEMBRANE WITHOUT WRINKLES AND WITHOUT GAPS OR FISHMOUTHS IN SEAMS: BOND AND TEST SEAMS AND LAPS IN ACCORDANCE WITH MEMBRANE MANUFACTURER'S INSTRUCTIONS AND DETAILS.
D. INSTALL MEMBRANE ADHERED TO THE SUBSTRATE, WITH EDGE SECUREMENT AS SPECIFIED.
E. ADHERED MEMBRANE: BOND MEMBRANE SHEET TO SUBSTRATE USING MEMBRANE MANUFACTURER'S RECOMMENDED BONDING MATERIAL, APPLICATION RATE, AND PROCEDURES.
F. EDGE SECUREMENT: SECURE MEMBRANE AT ALL LOCATIONS WHERE MEMBRANE TERMINATES OR GOES THROUGH AN ANGLE CHANGE GREATER THAN 2 IN 12 INCHES (1:6) USING MECHANICALLY FASTENED REINFORCED PERIMETER FASTENING STRIPS, PLATES, OR METAL EDGING AS INDICATED OR AS RECOMMENDED BY ROOFING MANUFACTURER.
1. EXCEPTIONS: ROUND PIPE PENETRATIONS LESS THAN 18 INCHES (460 MM) IN DIAMETER AND SQUARE PENETRATIONS LESS THAN 4 INCHES (200 MM) SQUARE.
2. METAL EDGING IS NOT MERELY DECORATIVE: ENSURE ANCHORAGE OF MEMBRANE AS INTENDED BY ROOFING MANUFACTURER.

3.06 FLASHING AND ACCESSORIES INSTALLATION
A. INSTALL FLASHINGS, INCLUDING LAPS, SPLICES, JOINTS, BONDING, ADHESION, AND ATTACHMENT, AS REQUIRED BY MEMBRANE MANUFACTURER'S RECOMMENDATIONS AND DETAILS.
B. METAL ACCESSORIES: INSTALL METAL EDGINGS, GRAVEL STOPS, AND COPINGS IN LOCATIONS INDICATED ON THE DRAWINGS, WITH HORIZONTAL LEG OF EDGE MEMBER OVER MEMBRANE AND FLASHING OVER METAL ONTO MEMBRANE.
1. FOLLOW ROOFING MANUFACTURER'S INSTRUCTIONS.
2. REMOVE PROTECTIVE PLASTIC SURFACE FILM IMMEDIATELY BEFORE INSTALLATION.
3. INSTALL WATER BLOCK SEALANT UNDER THE MEMBRANE ANCHORAGE LEG.
4. FLASH WITH MANUFACTURER'S RECOMMENDED FLASHING SHEET UNLESS OTHERWISE INDICATED.
5. WHERE SINGLE APPLICATION OF FLASHING WILL NOT COMPLETELY COVER THE METAL FLANGE, INSTALL ADDITIONAL PIECE OF FLASHING TO COVER THE METAL EDGE.
6. IF THE ROOF EDGE INCLUDES A GRAVEL STOP AND SEALANT IS NOT APPLIED BETWEEN THE LAPS IN THE METAL EDGING, INSTALL AN ADDITIONAL PIECE OF SELF-ADHESIVE FLASHING MEMBRANE OVER THE METAL LAP TO THE TOP OF THE GRAVEL STOP: APPLY SEAM EDGE TREATMENT AT THE INTERSECTIONS OF THE TWO FLASHING SECTIONS.
7. WHEN THE ROOF SLOPE IS GREATER THAN 1:12, APPLY SEAM EDGE TREATMENT ALONG THE BACK EDGE OF THE FLASHING.

3.07 FINISHING AND WALKWAY INSTALLATION
A. INSTALL WALKWAYS AT ACCESS POINTS TO THE ROOF, AROUND ROOFTOP EQUIPMENT THAT MAY REQUIRE MAINTENANCE, AND WHERE INDICATED ON THE DRAWINGS.

3.08 FIELD QUALITY CONTROL
A. INSPECTION BY MANUFACTURER: PROVIDE FINAL INSPECTION OF THE ROOFING SYSTEM BY A TECHNICAL REPRESENTATIVE EMPLOYED BY ROOFING SYSTEM MANUFACTURER SPECIFICALLY TO INSPECT INSTALLATION FOR WARRANTY PURPOSES (I.E. NOT A SALES PERSON).
B. PERFORM ALL CORRECTIONS NECESSARY FOR ISSUANCE OF WARRANTY.

3.09 CLEANING
A. CLEAN ALL CONTAMINANTS GENERATED BY ROOFING WORK FROM BUILDING AND SURROUNDING AREAS, INCLUDING BITUMEN, ADHESIVES, SEALANTS, AND COATINGS.
B. REPAIR OR REPLACE BUILDING COMPONENTS AND FINISHED SURFACES DAMAGED OR DEFACED DUE TO THE WORK OF THIS SECTION: COMPLY WITH RECOMMENDATIONS OF MANUFACTURERS OF COMPONENTS AND SURFACES.
C. REMOVE LEFTOVER MATERIALS, TRASH, DEBRIS, EQUIPMENT FROM PROJECT SITE AND SURROUNDING AREAS.

3.10 PROTECTION
A. WHERE CONSTRUCTION TRAFFIC MUST CONTINUE OVER FINISHED ROOF MEMBRANE, PROVIDE DURABLE PROTECTION AND REPLACE OR REPAIR DAMAGED ROOFING TO ORIGINAL CONDITION

Control Joints

CONTROL JOINTS IN GYPSUM PANEL PRODUCT SYSTEMS SHALL BE INSTALLED WHERE INDICATED ON THE PLANS OR SPECIFICATIONS. CONTROL JOINTS ASSIST IN RELIEVING STRESSES IN ASSEMBLIES THAT CAN RESULT IN GYPSUM BOARD JOINT CRACKS AND RIDGING. GYPSUM ASSOCIATION AND MANUFACTURER'S RECOMMENDATIONS SPECIFY MINIMUM REQUIREMENTS FOR THE INSTALLATION OF CONTROL JOINTS. CONTROL JOINTS IN THE GYPSUM PANEL SYSTEMS SHALL BE SPECIFIED BY THE ARCHITECT OR DESIGNER WHERE ANY OF THE CONDITIONS LISTED BELOW EXIST.

1. A PARTITION, WALL, OR CEILING TRAVERSES A CONSTRUCTION JOINT (EXPANSION, SEISMIC, OR BUILDING CONTROL ELEMENT) IN THE BASE BUILDING STRUCTURE.
2. WHERE A WALL OR PARTITION RUNS IN AN UNINTERRUPTED STRAIGHT PLANE EXCEEDING 30 FEET IN LENGTH AND TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ FT. NOTE: FULL HEIGHT DOOR FRAMES MAY BE CONSIDERED A CONTROL JOINT.
3. INTERIOR CEILINGS WITH PERIMETER RELIEF: CONTROL JOINTS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS SHALL NOT EXCEED 50 FT AND THE TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 2,500 SQ FT.
4. INTERIOR CEILINGS WITHOUT PERIMETER RELIEF: CONTROL JOINTS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS SHALL NOT EXCEED 30 FT AND THE TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ FT.
5. EXTERIOR CEILINGS AND SOFFITS: CONTROL JOINTS SHALL BE INSTALLED SO THAT LINEAR DIMENSIONS BETWEEN CONTROL JOINTS SHALL NOT EXCEED 30 FT AND TOTAL AREA BETWEEN CONTROL JOINTS DOES NOT EXCEED 900 SQ FT.
6. CONTROL JOINTS OR INTERMEDIATE BLOCKING SHALL BE INSTALLED WHERE CEILING FRAMING MEMBERS CHANGE DIRECTION.
7. A CONTROL JOINT IS DESIRED OR INCORPORATED AS A DESIGN ACCENT OR ARCHITECTURAL FEATURE.

THE METHODS SHOWN FOR PROTECTING CONTROL JOINTS IN 1-HOUR FLOOR-CEILING SYSTEMS, EITHER DIRECT-ATTACHED, FURRED, OR SUSPENDED, ARE APPLICABLE TO ALL 1-HOUR FLOOR CEILING SYSTEMS WITH EITHER WOOD OR METAL FRAMING INCLUDING, BUT NOT LIMITED TO, DIMENSIONAL LUMBER, WOOD TRUSSES, WOOD I-BEAMS, STEEL BAR JOISTS, AND STEEL CHANNEL JOISTS.

INDIVIDUAL GYPSUM PANEL STRIPS APPLIED BEHIND CONTROL JOINTS IN CEILING SYSTEMS SHALL BE NOT LESS THAN THE SHORTER OF 48 IN. OR THE ENTIRE LENGTH OF THE CONTROL JOINT.

Section 099100 - Painting Preparation/Application

1.1 PREPARATION
A. COMPLY WITH RECOMMENDATIONS IN MPI'S "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
B. REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE.
C. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACES.

1.2 APPLICATION
A. COMPLY WITH RECOMMENDATIONS IN MPI'S "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
B. PAINT EXPOSED SURFACES NEW AND EXISTING UNLESS OTHERWISE INDICATED.
1. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES.
2. PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.
3. PAINT THE BACK SIDE OF ACCESS PANELS.
4. COLOR-CODE MECHANICAL PIPING IN ACCESSIBLE CEILING SPACES.
5. DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH, OPERATING PARTS, AND LABELS UNLESS OTHERWISE INDICATED.
C. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
1. USE BRUSHES ONLY FOR EXTERIOR PAINTING AND WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL.
2. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS.
D. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.
1. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.
E. APPLY STAINS AND TRANSPARENT FINISHES TO PRODUCE SURFACE FILMS WITHOUT COLOR IRREGULARITY, CLOUDINESS, HOLIDAYS, LAP MARKS, BRUSH MARKS, RUNS, ROPINESS, OR OTHER IMPERFECTIONS. USE MULTIPLE COATS TO PRODUCE A SMOOTH SURFACE FILM OF EVEN LUSTER.

Public Door Notes

1. ALL GLASS IN DOORS SHALL BE TEMPERED AND MEET ALL CODE REQUIREMENTS OF SECTION 2406 FOR IMPACTS AND HAZARDOUS LOCATIONS
2. PROVIDE WEATHERSTRIPPING AND THRESHOLD AT ALL EXTERIOR DOORS.
3. MAXIMUM THRESHOLD HEIGHT IS 1/2" @ ALL DOORS
4. FRAME RATING TO MATCH DOOR RATING.
5. HARDWARE AT ALL DOORS TO HAVE LEVER SETS.
6. COORDINATE DOOR HEADER HEIGHT W/DOOR MANUFACTURER AND DOOR SILL DETAILS
7. COORDINATE DOOR U-VALUE WITH MODEL ENERGY CODE ANALYSIS BY MEP ENGINEER.
8. ALL PUBLIC DOORS TO HAVE VISION PANELS PER CITY OF ALBANY. PROVIDE 3" MAX x 23" MIN. VISION PANELS LOCATED BETWEEN 43" MAX AND 66" MIN ABOVE FINISH FLOOR. EXCLUDE EXTERIOR DOORS PROVIDING ACCESS TO BUILDING UTILITIES PER LOCAL CODE.
9. REFER TO SECTION 715.3 FOR SIZE LIMITATIONS OF THE 2012 INTERNATIONAL BUILDING CODE FOR GLAZING REQUIREMENTS IN FIRE RATED DOORS.
10. GLAZING IN PUBLIC DOORS SHALL BE OF IMPACT RESISTANT MATERIAL SUCH AS ACRYLIC, LAMINATED GLASS OR EQUAL. VERIFY ALL SUBSTITUTIONS WITH CITY FOR APPROVAL PRIOR TO INSTALLATION/CONSTRUCTION.
11. REFER TO TABLE 715.5.4 FOR UNLIMITED GLAZING REQUIREMENTS AT 20 MIN. DOORS.
12. ALL SERVICE (UTILITY AND STORAGE) DOUBLE DOOR ASSEMBLIES TO HAVE FLOOR/CEILING PULL LOCK (SLIDE BOLT) ON INACTIVE SIDE W/ASTRAGAL.
13. DOOR CLOSER IS REQUIRED AT ALL RATED DOORS TYPICAL.
14. THE BOTTOM 10" ON THE PUSH SIDE OF ALL ACCESSIBLE DOORS AND PEDESTRIAN GATES MUST BE SMOOTH AND FREE OF ABRUPT CHANGES IN LEVEL PER 2012 NAME CODE HERE ACCESSIBILITY CODE, SECTION 404.2.10.
15. COORDINATE LOCATION OF ALL ELECTRONIC LOCKS WITH SECURITY CONSULTANT.
16. ALL FIRE DOORS AND EXTERIOR DOORS MUST BE IN COMPLIANCE WITH SECTION 404 OF THE NAME CODE HERE ACCESSIBILITY CODE 2012.

General Acoustical Panel Ceiling Notes

PART 1 - GENERAL

1.1 SUMMARY

A. THIS SECTION INCLUDES ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS FOR CEILINGS.

1.2 QUALITY ASSURANCE

A. ACOUSTICAL TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT TESTING LABORATORY OR AN NVLAP-ACCREDITED LABORATORY.
1. SURFACE-BURNING CHARACTERISTICS: ACOUSTICAL PANELS COMPLYING WITH ASTM E 1264 FOR CLASS A MATERIALS, WHEN TESTED PER ASTM E 84.
A. SMOKE-DEVELOPED INDEX: 450 OR LESS.

1.3 EXTRA MATERIALS

A. FURNISH EXTRA MATERIALS DESCRIBED BELOW THAT MATCH PRODUCTS INSTALLED AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS.
1. ACOUSTICAL CEILING PANELS: FULL-SIZE PANELS EQUAL TO 2.0 PERCENT OF QUANTITY INSTALLED, NOT LESS THAN ONE FULL CASE.
2. SUSPENSION SYSTEM COMPONENTS: QUANTITY OF EACH EXPOSED COMPONENT EQUAL TO 2.0 PERCENT OF QUANTITY INSTALLED.

PART 2 - PRODUCTS

2.1 ACOUSTICAL PANEL CEILINGS, GENERAL

A. ACOUSTICAL PANEL STANDARD: COMPLY WITH ASTM E 1264.
B. METAL SUSPENSION SYSTEM STANDARD: COMPLY WITH ASTM C 635.
C. ATTACHMENT DEVICES: SIZE FOR FIVE TIMES THE DESIGN LOAD INDICATED IN ASTM C 635, TABLE 1, "DIRECT HUNG," UNLESS OTHERWISE INDICATED. COMPLY WITH SEISMIC DESIGN REQUIREMENTS.
D. WIRE HANGERS, BRACES, AND TIES: ZINC-COATED CARBON-STEEL WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER.
1. SIZE: SELECT WIRE DIAMETER SO ITS STRESS AT 3 TIMES HANGER DESIGN LOAD (ASTM C 635, TABLE 1, "DIRECT HUNG") WILL BE LESS THAN YIELD STRESS OF WIRE, BUT PROVIDE NOT LESS THAN 0.106-INCH- (2.69-MM-) DIAMETER WIRE.
E. METAL EDGE MOLDINGS AND TRIM: TYPE AND PROFILE INDICATED OR, IF NOT INDICATED, MANUFACTURER'S STANDARD MOLDINGS FOR EDGES AND PENETRATIONS THAT COMPLY WITH SEISMIC DESIGN REQUIREMENTS: FORMED FROM SHEET METAL OF SAME MATERIAL, FINISH, AND COLOR AS THAT USED FOR EXPOSED FLANGES OF SUSPENSION SYSTEM RUNNERS.
F. REFER TO THE CONTRACT DOCUMENTS FOR THE BASIS OF DESIGN.

PART 3 - EXECUTION

3.1 INSTALLATION

A. COMPLY WITH ASTM C 636, PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND CISCA'S "CEILING SYSTEMS HANDBOOK."
B. MEASURE EACH CEILING AREA AND ESTABLISH LAYOUT OF ACOUSTICAL PANELS TO BALANCE BORDER WIDTHS AT OPPOSITE EDGES OF EACH CEILING. AVOID USING LESS-THAN-HALF-WIDTH PANELS AT BORDERS.
C. SUSPEND CEILING HANGERS FROM BUILDING'S STRUCTURAL MEMBERS, PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM. SPLAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS: OFFSET RESULTING HORIZONTAL FORCES BY BRACING, COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM PRODUCES HANGER SPACINGS THAT INTERFERE WITH LOCATION OF HANGERS, USE TRAPEZES OR EQUIVALENT DEVICES. WHEN STEEL FRAMING DOES NOT PERMIT INSTALLATION OF HANGER WIRES AT SPACING REQUIRED, INSTALL CARRYING CHANNELS OR OTHER SUPPLEMENTAL SUPPORT FOR ATTACHMENT OF HANGER WIRES.
1. DO NOT SUPPORT CEILINGS DIRECTLY FROM PERMANENT METAL FORMS OR FLOOR DECK: ANCHOR INTO CONCRETE SLABS.
2. DO NOT ATTACH HANGERS TO STEEL DECK TABS.
D. INSTALL EDGE MOLDINGS AND TRIM OF TYPE INDICATED AT PERIMETER OF ACOUSTICAL CEILING AREA AND WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL PANELS. SCREW ATTACH MOLDINGS TO SUBSTRATE AT INTERVALS NOT MORE THAN 16 INCHES (400 MM) O.C. AND NOT MORE THAN 3 INCHES (75 MM) FROM ENDS, LEVELING WITH CEILING SUSPENSION SYSTEM TO A TOLERANCE OF 1/8 INCH IN 12 FEET (3.2 MM IN 3.6 M). MITER CORNERS ACCURATELY AND CONNECT SECURELY.
E. INSTALL SUSPENSION SYSTEM RUNNERS SO THEY ARE SQUARE AND SECURELY INTERLOCKED WITH ONE ANOTHER. REMOVE AND REPLACE DENTED, BENT, OR KINKED MEMBERS.
F. INSTALL ACOUSTICAL PANELS WITH UNDAMAGED EDGES AND FIT ACCURATELY INTO SUSPENSION SYSTEM RUNNERS AND EDGE MOLDINGS. SCRIBE AND CUT PANELS AT BORDERS AND PENETRATIONS TO PROVIDE A NEAT,PRECISE FIT.

General Ceiling Notes

1. LAYOUT ALL NEW CEILING GRIDS WITH SAME NUMBER OF FULL TILES AS SHOWN WITH EQUAL NUMBER OF PARTIAL TILES AT OPPOSITE WALLS UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING LAYOUTS OF AREAS NOT INDICATED ON THIS SHEET.
3. CENTER ALL CEILING MOUNTED DEVICES INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, ETC. IN CENTER OF TILES UNLESS NOTED OTHERWISE

General Finish Requirement Notes

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY[k]

	SPRINKLERED[l]			NONSPRINKLERED		
	EXIT ENCLOSURES & EXIT PASSAGEWAYS[a,b]	CORRIDORS	ROOMS & ENCLOSED SPACES[c]	EXIT ENCLOSURES & EXIT PASSAGEWAYS[a,b]	CORRIDORS	ROOMS & ENCLOSED SPACES[c]
A-1 & A-2	B	B	C	A	A[d]	B[e]
A-3[f],A-4,A-5	B	B	C	A	A[d]	C
B,E,M,R-1	B	C	C	A	B	C
R-4	B	C	C	A	B	B
F	C	C	C	B	C	C
H	B	B	C	A	A	B
I-1	B	C	C	A	B	B
I-2	B	B	B[h,i]	A	A	B
I-3	A	A[j]	C	A	A	B
I-4	B	B	B[h,i]	A	A	B
R-2	C	C	C	B	B	C
R-3	C	C	C	C	C	C
S	C	C	C	B	B	C
U	NO RESTRICTIONS			NO RESTRICTIONS		

NOT APPLICABLE

FOR SI: 1 INCH = 25.4 mm, 1 SQUARE FOOT = 0.0929 m2

a. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED FOR WAINSCOTING OR PANELING OF NOT MORE THAN 1,000 SF OF APPLIED SURFACE AREA IN THE GRADE LOBBY WHERE APPLIED DIRECTLY TO A NONCOMBUSTIBLE BASE OR OVER FURRING STRIPS APPLIED TO A NONCOMBUSTIBLE BASE AND FIREBLOCKED AS REQUIRED BY SECTION 803.13.1

b. IN OTHER THAN GROUP I-3 OCCUPANCIES IN BUILDINGS LESS THAN THREE STORIES ABOVE GRADE PLACE, CLASS B INTERIOR FINISH FOR NONSPRINKLERED BUILDING AND CLASS C INTERIOR FINISH FOR SPRINKLERED BUILDINGS SHALL BE PERMITTED IN INTERIOR EXIT STAIRWAYS AND RAMPS.

c. REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

d. LOBBY AREAS IN GROUP A-1,A-2 AND A-3 OCCUPANCIES SHALL NOT BE LESS THAN CLASS B MATERIALS.

e. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN PLACES OF ASSEMBLY WITH AN OCCUPANT LOAD OF 300 PERSONS OR LESS.

f. FOR PLACES OF RELIGIOUS WORSHIP, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED.

g. CLASS B MATERIAL IS REQUIRED WHERE THE BUILDING EXCEEDS TWO STORIES.

h. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ADMINISTRATIVE SPACES.

i. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ROOMS WITH A CAPACITY OF FOUR PERSONS OR LESS.

j. CLASS B MATERIALS SHALL BE PERMITTED AS WAINSCOTING EXTENDING NOT MORE THAN 48 INCHES ABOVE THE FINISHED FLOOR IN CORRIDORS.

k. FINISH MATERIALS AS PROVIDED FOR IN OTHER SECTIONS OF THIS CODE.

l. APPLIES WHEN THE EXIT ENCLOSURES, EXIT PASSAGEWAYS, CORRIDORS OR ROOMS AND ENCLOSED SPACES ARE PROTECTED BY A SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

** FOR ADDITIONAL CLARIFICATIONS REGARDING THE FOOTNOTES, PLEASE SUBMIT A RFI TO THE ARCHITECT.

General Gypsum Board Notes

PART 1 - GENERAL

1.1 SUMMARY
A. THIS SECTION INCLUDES THE FOLLOWING:
1. INTERIOR GYPSUM BOARD.
2. TILE BACKING PANELS.

1.2 QUALITY ASSURANCE
A. FIRE-RESISTANCE-RATED ASSEMBLIES: FOR FIRE-RESISTANCE-RATED ASSEMBLIES,PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 119 BY AN INDEPENDENT TESTING AGENCY.
B. STC-RATED ASSEMBLIES: FOR STC-RATED ASSEMBLIES, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 90 AND CLASSIFIED ACCORDING TO ASTM E 413 BY AN INDEPENDENT TESTING AGENCY.

PART 2 - PRODUCTS

2.1 INTERIOR GYPSUM BOARD
A. GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE STRINGENT.
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
A. G-P GYPSUM.
B. NATIONAL GYPSUM COMPANY.
C. USG CORPORATION.
B. TYPE X:
1. THICKNESS: 5/8 INCH (15.9 MM).
2. LONG EDGES: TAPERED.
C. CEILING TYPE: MANUFACTURED TO HAVE MORE SAG RESISTANCE THAN REGULAR-TYPE GYPSUM BOARD AND HAVE MOISTURE- AND MOLD-RESISTANT CORE AND SURFACES.
1. THICKNESS: 1/2 INCH (12.7 MM).
2. LONG EDGES: TAPERED.

2.2 TILE BACKING PANELS
A. WATER-RESISTANT GYPSUM BACKING BOARD: ASTM C 630/C 630M OR ASTM C 1396/C 1396M.
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
A. G-P GYPSUM.
B. NATIONAL GYPSUM COMPANY.
C. USG CORPORATION.
2. CORE: 5/8 INCH (15.9 MM), TYPE X.

2.3 TRIM ACCESSORIES
A. INTERIOR TRIM: ASTM C 1047.
1. MATERIAL: GALVANIZED OR ALUMINUM-COATED STEEL SHEET, ROLLED ZINC, PLASTIC, OR PAPER-FACED GALVANIZED STEEL SHEET.
2. SHAPES:
A. CORNERBEAD.
B. LC-BEAD: J-SHAPED: EXPOSED LONG FLANGE RECEIVES JOINT COMPOUND.
C. L-BEAD: L-SHAPED: EXPOSED LONG FLANGE RECEIVES JOINT COMPOUND.
D. U-BEAD: J-SHAPED: EXPOSED SHORT FLANGE DOES NOT RECEIVE JOINT COMPOUND.

2.4 JOINT TREATMENT MATERIALS
A. GENERAL: COMPLY WITH ASTM C 475/C 475M.
B. JOINT TAPE:
1. INTERIOR GYPSUM WALLBOARD: PAPER.
2. TILE BACKING PANELS: AS RECOMMENDED BY PANEL MANUFACTURER.
C. JOINT COMPOUND FOR INTERIOR GYPSUM WALLBOARD: FOR EACH COAT USE FORMULATION THAT IS COMPATIBLE WITH OTHER COMPOUNDS APPLIED ON PREVIOUS OR FOR SUCCESSIVE COATS.
1. PREFILLING: AT OPEN JOINTS AND DAMAGED SURFACE AREAS, USE SETTING-TYPE TAPING COMPOUND.
2. EMBEDDING AND FIRST COAT: FOR EMBEDDING TAPE AND FIRST COAT ON JOINTS, FASTENERS, AND TRIM FLANGES, USE SETTING-TYPE TAPING COMPOUND.
A. USE SETTING-TYPE COMPOUND FOR INSTALLING PAPER-FACED METAL TRIM ACCESSORIES.
3. FILL COAT: FOR SECOND COAT, USE SETTING-TYPE, SANDABLE TOPPING COMPOUND.
4. FINISH COAT: FOR THIRD COAT, USE SETTING-TYPE, SANDABLE TOPPING COMPOUND.
D. JOINT COMPOUND FOR TILE BACKING PANELS:
1. WATER-RESISTANT GYPSUM BACKING BOARD: USE SETTING-TYPE TAPING COMPOUND AND SETTING-TYPE, SANDABLE TOPPING COMPOUND.

2.5 AUXILIARY MATERIALS
A. GENERAL: PROVIDE AUXILIARY MATERIALS THAT COMPLY WITH REFERENCED INSTALLATION STANDARDS AND MANUFACTURER'S WRITTEN RECOMMENDATIONS.
B. STEEL DRILL SCREWS: ASTM C 1002, UNLESS OTHERWISE INDICATED.
1. USE SCREWS COMPLYING WITH ASTM C 954 FOR FASTENING PANELS TO STEEL MEMBERS FROM 0.033 TO 0.112 INCH (0.84 TO 2.84MM) THICK.
C. SOUND ATTENUATION BLANKETS: ASTM C 665, TYPE I (BLANKETS WITHOUT MEMBRANE FACING) PRODUCED BY COMBINING THERMOSETTING RESINS WITH MINERAL FIBERS MANUFACTURED FROM GLASS, SLAG WOOL, OR ROCK WOOL.
1. FIRE-RESISTANCE-RATED ASSEMBLIES: COMPLY WITH MINERAL-FIBER REQUIREMENTS OF ASSEMBLY.
D. ACOUSTICAL SEALANT: AS SPECIFIED IN DIVISION 07 SECTION "JOINT SEALANTS."

PART 3 - EXECUTION

3.1 APPLYING AND FINISHING PANELS, GENERAL
A. COMPLY WITH ASTM C 840.
B. EXAMINE PANELS BEFORE INSTALLATION. REJECT PANELS THAT ARE WET, MOISTURE DAMAGED, AND MOLD DAMAGED.

3.2 APPLYING INTERIOR GYPSUM BOARD
A. INSTALL INTERIOR GYPSUM BOARD IN THE FOLLOWING LOCATIONS:
1. TYPE X: AS INDICATED ON DRAWINGS.
2. CEILING TYPE: AS INDICATED ON DRAWINGS.

3.3 APPLYING TILE BACKING PANELS
A. WATER-RESISTANT GYPSUM BACKING BOARD: INSTALL AT SHOWERS, TUBS, AND WHERE INDICATED. INSTALL WITH 1/4-INCH (6.4-MM) GAP WHERE PANELS ABUT OTHER CONSTRUCTION OR PENETRATIONS.
B. WHERE TILE BACKING PANELS ABUT OTHER TYPES OF PANELS IN SAME PLANE, SHIM SURFACES TO PRODUCE A UNIFORM PLANE ACROSS PANEL SURFACES.

3.5 FINISHING GYPSUM BOARD
A. GENERAL: TREAT GYPSUM BOARD JOINTS, INTERIOR ANGLES, EDGE TRIM, CONTROL JOINTS, PENETRATIONS, FASTENER HEADS, SURFACE DEFECTS, AND ELSEWHERE AS REQUIRED TO PREPARE GYPSUM BOARD SURFACES FOR DECORATION. PROMPTLY REMOVE RESIDUAL JOINT COMPOUND FROM ADJACENT SURFACES.
B. PREFILL OPEN JOINTS AND DAMAGED SURFACE AREAS.
C. APPLY JOINT TAPE OVER GYPSUM BOARD JOINTS, EXCEPT THOSE WITH TRIM HAVING FLANGES NOT INTENDED FOR TAPE.
D. GYPSUM BOARD FINISH LEVELS: FINISH PANELS TO LEVELS INDICATED BELOW:
1. LEVEL 1: CEILING PLENUM AREAS, CONCEALED AREAS, AND WHERE INDICATED.
2. LEVEL 2: PANELS THAT ARE SUBSTRATE FOR TILE.
3. LEVEL 4: AT PANEL SURFACES THAT WILL BE EXPOSED TO VIEW, UNLESS OTHERWISE INDICATED.
A. PRIMER AND ITS APPLICATION TO SURFACES ARE SPECIFIED IN OTHER DIVISION 09 SECTIONS.

Tile Installation Assembly

SUBMIT A COMPLETE SUBMITTAL PACKAGE THAT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING PRIOR TO ANY WORK:

1. VERIFY SLAB MOISTURE CONTEXT IS ACCEPTABLE TO PRODUCTS NOTED WITHIN THE 2018 TCA HANDBOOK.
2. INSTALL LATICRETE FRACTURE BAN OR APPROVED EQUAL FOR CRACKS UP TO 3/8" ON THE ENTIRE CONCRETE AREA SCHEDULED TO RECEIVE TILE.
3. INSTALL LATRICRETE PLATINUM THIN SET OR APPROVED EQUAL.
4. INSTALL SCHEDULED CERAMIC FLOOR TILE AND CERAMIC WALL BASE WITH SCHLUTER STRIP (MATCH EXISTING FINISHED INSTALL) PER 2018 TCA HANDBOOK.
5. INSTALL LATICRETE SPECTRALOCK PR GROUT OR APPROVED EQUAL.

PRIOR TO ANY WORK, REVIEW EXISTING CONCRETE CONDITIONS, EXISTING CONRETE CURING COMPOUND AND ANY ADDITIONAL ADDITIVES ADDED TO THE CONCRETE FOR COMPATIBILITY TO THE APPROVED TILE INSTALLATION ASSEMBLY. NOTE ANY INCOMPATIBILITY AND CRACKS TO THE ARCHITECT.

Painting Specification

A. MATERIALS: PRIMERS, UNDERCOATS AND FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND THE SUBSTRATES INDICATED. PAINTS TO BE MANUFACTURED BY SHERWIN WILLIAMS
B. SCHEDULE:
1. GYPSUM/PLASTER PRIMER/PAINT WALLS
1. PRIMER GYPSUM - SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX PRIMER B28 SERIES
2. PRIMER PLASTER – SHERWIN WILLIAMS MULTI PURPOSE PRIMER B51 SERIES
II. PRIMER (VAPOR BARRIER)
1. GYPSUM DRYWALL & PLASTER – SHERWIN WILLIAMS MOISTURE VAPOR BARRIER PRIMER FINISH B72 SERIES
III. 1ST AND 2ND FINISH COATS
1. SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX EGGSHELL B20 SERIES

1. GYPSUM/PLASTER PRIMER/PAINT CEILINGS
1. GYPSUM DRYWALL – SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX PRIMER B28 SERIES
2. PLASTER – SHERWIN WILLIAMS MULTI PURPOSE PRIMER B51 SERIES

II. PRIMER (VAPOR BARRIER)
1. GYPSUM DRYWALL & PLASTER – SHERWIN WILLIAMS MOISTURE VAPOR BARRIER PRIMER FINISH B72 SERIES
2. 1ST AND 2ND FINISH COATS
A. SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX FLAT B30 SERIES

C. FERROUS METAL
1. PRIMER – REQUIRED FOR NON-PRIMED METAL & TOUCH UP REPAIRS: OMIT ON PREVIOUSLY PAINTED AND SHOP-PRIMED SURFACES.
1. SHERWIN WILLIAMS PRO INDUSTRIAL PRO CRYL PRIMER B66 SERIES
II. 1ST AND 2ND FINISH COATS
1. SHERWIN WILLIAMS EMERALD URETHANE TRIM ENAMEL SEMI-GLOSS K38 SERIES
D. CONCRETE MASONRY UNITS (CMU) & BRICK
1. PRIMER/FILLER – REQUIRED FOR NEW WORK AND TOUCH UP REPAIRS: OMIT FOR PREVIOUSLY PAINTED SURFACES.
1. SHERWIN WILLIAMS PREPRITE BLOCK FILLER B25W25 SERIES
II. 1ST AND 2ND FINISH COATS
1. SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX EGGSHELL B20 SERIES

E. CONCRETE VERTICAL
1. PRIMER/PAINT
1. SHERWIN WILLIAMS MULTI PURPOSE PRIMER B51 SERIES
II. 1ST AND 2ND FINISH COATS
1. SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX EGGSHELL B20 SERIES

F. WOOD-PAINTED
1. PRIMER/PAINT
1. SHERWIN WILLIAMS MULTI PURPOSE PRIMER B51 SERIES
II. 1ST AND 2ND FINISH COATS
1. SHERWIN WILLIAMS PRO MAR 200 ZERO VOC LATEX SEMI-GLOSS B31 SERIES

1. WOOD-STAINED
2. SHERWIN WILLIAMS MINWAX WOOD FILLER
3. STAIN – SHERWIN WILLIAMS MINWAX PERFORMANCE SERIES 250 STAIN
4. 1ST AND 2ND COATS: SHERWIN WILLIAMS MINWAX FAST DRY POLYURETHANE SATIN

1. DRY FALL CEILING FINISH FOR EXPOSED STRUCTURE 7 MECH/ELEC: SHERWIN WILLIAMS PRO INDUSTRIAL WB ACRYLIC DRYFALL FLAT B42 SERIES
G. JOINT SEALANT – SHERWIN WILLIAMS LOXON STANDARD POLYURETHANE SEALANT SU21 SERIES

Architectural Legend

DIMENSIONING CONVENTIONS

BUILDING SECTION INDICATORS

DETAIL / SECTION INDICATORS

DETAIL INDICATORS

ELEVATION INDICATORS

DRAWING TITLES

CONSULTANT

KENNETH DUNCAN SYVERTSEN
024832

STAMP

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ARCHITECT

Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

General Notes Cont.
SHEET TITLE

G102
SHEET NUMBER

SQFi Food Manufacturing Edition 9 Checklist

11.1 SITE LOCATION AND PREMISES

11.1.2 BUILDING MATERIALS

11.1.2.1

FLOORS SHALL BE CONSTRUCTED OF SMOOTH, DENSE, IMPACT-RESISTANT MATERIAL THAT CAN BE EFFECTIVELY GRADED, DRAINED, IMPERVIOUS TO LIQUID, AND EASILY CLEANED. FLOORS SHALL BE SLOPED TO FLOOR DRAINS AT GRADIENTS SUITABLE TO ALLOW THE EFFECTIVE REMOVAL OF ALL OVERFLOW OR WASTEWATER UNDER NORMAL WORKING CONDITIONS. WHERE FLOOR DRAINAGE IS NOT AVAILABLE, PLUMBED OPTIONS TO HANDLE OVERFLOW OR WASTEWATER SHALL BE IN PLACE.

11.1.2.2

DRAINS SHALL BE CONSTRUCTED AND LOCATED SO THEY CAN BE EASILY CLEANED AND NOT PRESENT A HAZARD.

11.1.2.3

WASTE TRAP SYSTEM SHALL BE LOCATED AWAY FROM ANY FOOD HANDLING AREAS OR ENTRANCES TO THE PREMISES.

11.1.2.4

WALLS, PARTITIONS, CEILINGS, AND DOORS SHALL BE OF DURABLE CONSTRUCTION. INTERNAL SURFACES SHALL HAVE AN EVEN AND REGULAR SURFACE AND BE IMPERVIOUS WITH A LIGHT-COLORED FINISH AND SHALL BE KEPT CLEAN (REFER TO 11.2.5). WALL-TO-WALL AND WALL-TO-FLOOR JUNCTIONS SHALL BE DESIGNED TO BE EASILY CLEANED AND SEALED TO PREVENT THE ACCUMULATION OF FOOD DEBRIS.

11.1.2.5

DUCTING, CONDUIT, AND PIPES THAT CONVEY INGREDIENTS, PRODUCTS, OR SERVICES, SUCH AS STEAM OR WATER, SHALL BE DESIGNED AND CONSTRUCTED TO PREVENT THE CONTAMINATION OF FOOD, INGREDIENTS, AND FOOD CONTACT SURFACES AND ALLOW EASE OF CLEANING. A RISK ANALYSIS SHALL BE CONDUCTED TO ENSURE FOOD CONTAMINATION RISKS ARE MITIGATED.

11.1.2.6

PIPES CARRYING SANITARY WASTE OR WASTEWATER THAT ARE LOCATED DIRECTLY OVER PRODUCT LINES OR STORAGE AREAS SHALL BE DESIGNED AND CONSTRUCTED TO PREVENT THE CONTAMINATION OF FOOD, MATERIALS, INGREDIENTS, AND FOOD CONTACT SURFACES AND SHALL ALLOW EASE OF CLEANING. A RISK ANALYSIS SHALL BE CONDUCTED TO ENSURE FOOD CONTAMINATION RISKS ARE MITIGATED.

11.1.2.7

DOORS, HATCHES, AND WINDOWS AND THEIR FRAMES IN FOOD PROCESSING, HANDLING, OR STORAGE AREAS SHALL BE OF A MATERIAL AND CONSTRUCTION THAT MEETS THE SAME FUNCTIONAL REQUIREMENTS AS FOR INTERNAL WALLS AND PARTITIONS. DOORS AND HATCHES SHALL BE OF SOLID CONSTRUCTION, AND WINDOWS SHALL BE MADE OF SHATTERPROOF GLASS OR SIMILAR MATERIAL.

11.1.2.8

PRODUCT SHALL BE PROCESSED AND HANDLED IN AREAS THAT ARE FITTED WITH A CEILING OR OTHER ACCEPTABLE STRUCTURE THAT IS CONSTRUCTED AND MAINTAINED TO PREVENT THE CONTAMINATION OF PRODUCTS. DROP CEILINGS, WHERE PRESENT, SHALL BE CONSTRUCTED TO ENABLE MONITORING FOR PEST ACTIVITY, FACILITATE CLEANING, AND PROVIDE ACCESS TO UTILITIES.

11.1.2.9

STAIRS, CATWALKS, AND PLATFORMS IN FOOD PROCESSING AND HANDLING AREAS SHALL BE DESIGNED AND CONSTRUCTED SO THEY DO NOT PRESENT A PRODUCT-CONTAMINATION RISK AND WITH NO OPEN GRATES DIRECTLY ABOVE EXPOSED FOOD PRODUCT SURFACES. THEY SHALL BE KEPT CLEAN (REFER TO 11.2.5).

11.1.3 LIGHTINGS AND LIGHT FIXTURES

11.1.3.1

LIGHTING IN FOOD PROCESSING AND HANDLING AREAS AND AT INSPECTION STATIONS SHALL BE OF APPROPRIATE INTENSITY TO ENABLE THE STAFF TO CARRY OUT THEIR TASKS EFFICIENTLY AND EFFECTIVELY AND SHALL COMPLY WITH LOCAL LIGHT-INTENSITY REGULATIONS OR INDUSTRY STANDARDS.

11.1.3.2

LIGHT FIXTURES IN PROCESSING AREAS, INSPECTION STATIONS, INGREDIENT AND PACKAGING STORAGE AREAS, AND ALL AREAS WHERE THE PRODUCT IS EXPOSED SHALL BE SHATTERPROOF, MANUFACTURED WITH A SHATTERPROOF COVERING OR FITTED WITH PROTECTIVE COVERS, AND RECESSED INTO OR FITTED FLUSH WITH THE CEILING.

WHERE FIXTURES CANNOT BE RECESSED, STRUCTURES MUST BE PROTECTED FROM ACCIDENTAL BREAKAGE, MANUFACTURED FROM CLEANABLE MATERIALS, AND ADDRESSED IN THE CLEANING AND SANITATION PROGRAM.

11.1.3.3

LIGHT FIXTURES IN THE WAREHOUSE OR OTHER AREAS WHERE PRODUCT IS COVERED OR OTHERWISE PROTECTED SHALL BE DESIGNED TO PREVENT BREAKAGE AND PRODUCT CONTAMINATION.

11.1.5 DUST, INSECT AND PEST CONTROL

11.1.5.1

ALL EXTERNAL WINDOWS, VENTILATION OPENINGS, DOORS, AND OTHER OPENINGS SHALL BE EFFECTIVELY SEALED WHEN CLOSED, AND PROOFED AGAINST DUST, VERMIN, AND OTHER PESTS.
EXTERNAL PERSONNEL ACCESS DOORS SHALL BE EFFECTIVELY INSECT-PROOFED AND FITTED WITH A SELF-CLOSING DEVICE AND PROPER SEALS TO PROTECT AGAINST ENTRY OF DUST, VERMIN, AND OTHER PESTS.

11.1.5.2

EXTERNAL DOORS, INCLUDING OVERHEAD DOCK DOORS IN FOOD HANDLING AREAS USED FOR PRODUCT, PEDESTRIAN, OR TRUCK ACCESS, SHALL BE DESIGNED AND MAINTAINED TO PREVENT PEST INGRESS BY AT LEAST ONE OR A COMBINATION OF THE FOLLOWING METHODS:

I. A SELF-CLOSING DEVICE;
II. AN EFFECTIVE AIR CURTAIN;
III. A PEST-PROOF SCREEN;
IV. A PEST-PROOF ANNEX; AND
V. ADEQUATE SEALING AROUND TRUCKS IN DOCKING AREAS.

11.1.5.3

ELECTRIC INSECT CONTROL DEVICES, PHEROMONE, OR OTHER TRAPS AND BAITS SHALL BE LOCATED AND OPERATED SO THEY DO NOT PRESENT A CONTAMINATION RISK TO THE PRODUCT, PACKAGING, CONTAINERS, OR PROCESSING EQUIPMENT. POISON RODENTICIDE BAIT SHALL NOT BE USED INSIDE INGREDIENTS OR PRODUCT STORAGE AREAS OR PROCESSING AREAS WHERE INGREDIENTS, PACKAGING, AND PRODUCTS ARE HANDLED, PROCESSED, OR EXPOSED.

11.1.6 VENTILATION

11.1.6.1

ADEQUATE VENTILATION SHALL BE PROVIDED IN ENCLOSED PROCESSING AND FOOD HANDLING AREAS.
WHERE APPROPRIATE, POSITIVE AIR-PRESSURE SYSTEMS SHALL BE INSTALLED TO PREVENT AIRBORNE CONTAMINATION.

11.1.6.2

ALL VENTILATION EQUIPMENT AND DEVICES IN PRODUCT STORAGE AND HANDLING AREAS SHALL BE ADEQUATELY CLEANED AS PER 11.2.5 TO PREVENT UNSANITARY CONDITIONS.

11.1.6.3

EXTRACTOR FANS AND CANOPIES SHALL BE PROVIDED IN AREAS WHERE OPEN COOKING OPERATIONS ARE CARRIED OUT OR A LARGE AMOUNT OF STEAM IS GENERATED. CAPTURE VELOCITIES SHALL BE SUFFICIENT TO PREVENT CONDENSATION BUILD-UP AND TO EVACUATE ALL HEAT, FUMES, AND OTHER AEROSOLS TO THE EXTERIOR VIA AN EXHAUST HOOD POSITIONED OVER THE COOKER(S).

11.1.6.4

FANS AND EXHAUST VENTS SHALL BE INSECT-PROOFED AND LOCATED SO THEY DO NOT POSE A CONTAMINATION RISK AND SHALL BE KEPT CLEAN.

11.1.8 GROUNDS AND ROADWAYS

11.1.8.2

PATHS, ROADWAYS, AND LOADING AND UNLOADING AREAS SHALL BE MAINTAINED SO AS NOT TO PRESENT A HAZARD TO THE FOOD SAFETY OPERATIONS OF THE PREMISES. THEY SHALL BE ADEQUATELY DRAINED TO PREVENT THE POOLING OF WATER. DRAINS SHALL BE SEPARATE FROM THE SITE DRAINAGE SYSTEM AND REGULARLY CLEARED OF DEBRIS.

11.2 SITE OPERATION

11.2.2 MAINTENANCE STAFF AND CONTRACTORS

11.2.2.1

MAINTENANCE STAFF AND CONTRACTORS SHALL COMPLY WITH THE SITE'S PERSONNEL AND PROCESS HYGIENE REQUIREMENTS (REFER TO 11.3).

11.2.2.2

ALL MAINTENANCE AND OTHER ENGINEERING CONTRACTORS REQUIRED TO WORK ON-SITE SHALL BE TRAINED IN THE SITE'S FOOD SAFETY AND HYGIENE PROCEDURES OR SHALL BE ESCORTED AT ALL TIMES UNTIL THEIR WORK IS COMPLETED.

11.2.2.3

MAINTENANCE STAFF AND CONTRACTORS SHALL REMOVE ALL TOOLS AND DEBRIS FROM ANY MAINTENANCE ACTIVITY ONCE IT HAS BEEN COMPLETED, AND INFORM THE AREA SUPERVISOR AND MAINTENANCE SUPERVISOR, SO APPROPRIATE HYGIENE AND SANITATION CAN BE CONDUCTED AND A PRE-OPERATIONAL INSPECTION COMPLETED PRIOR TO THE RESTARTING OF SITE OPERATIONS.

11.3 PERSONNEL HYGIENE AND WELFARE

11.3.2 HANDWASHING

11.3.2.1

ALL PERSONNEL SHALL HAVE CLEAN HANDS, AND HANDS SHALL BE WASHED BY ALL STAFF, CONTRACTORS, AND VISITORS:

I. ON ENTERING FOOD HANDLING OR PROCESSING AREAS;
II. AFTER EACH VISIT TO A TOILET;
III. AFTER USING A HANDKERCHIEF;
IV. AFTER SMOKING, EATING, OR DRINKING; AND
V. AFTER HANDLING WASH DOWN HOSES, CLEANING MATERIALS, DROPPED PRODUCT, OR CONTAMINATED MATERIAL.

11.3.2.2

HANDWASHING STATIONS SHALL BE PROVIDED ADJACENT TO ALL PERSONNEL ACCESS POINTS AND IN ACCESSIBLE LOCATIONS THROUGHOUT FOOD HANDLING AND PROCESSING AREAS AS REQUIRED.

11.3.2.3

HANDWASHING STATIONS SHALL BE CONSTRUCTED OF STAINLESS STEEL OR SIMILAR NON-CORROSIVE MATERIAL AND AT A MINIMUM SUPPLIED WITH:

I. A POTABLE WATER SUPPLY AT AN APPROPRIATE TEMPERATURE;
II. LIQUID SOAP CONTAINED WITHIN A FIXED DISPENSER;
III. PAPER TOWELS IN A HANDS-FREE CLEANABLE DISPENSER; AND
IV. A MEANS OF CONTAINING USED PAPER TOWELS.

11.3.4 VISITORS

11.3.4.1

ALL VISITORS SHALL BE TRAINED IN THE SITE'S FOOD SAFETY AND HYGIENE PROCEDURES BEFORE ENTERING ANY FOOD PROCESSING AND HANDLING AREAS OR SHALL BE ESCORTED AT ALL TIMES IN FOOD PROCESSING, HANDLING, AND STORAGE AREAS.

11.3.4.2

ALL VISITORS, INCLUDING MANAGEMENT STAFF, SHALL BE REQUIRED TO REMOVE JEWELRY AND OTHER LOOSE OBJECTS IN ACCORDANCE WITH THE FACILITIES GOOD MANUFACTURING PRACTICES AND 11.3.3.8. ALL VISITORS SHALL WEAR SUITABLE CLOTHING AND FOOTWEAR WHEN ENTERING ANY FOOD PROCESSING AND HANDLING AREA.

11.3.4.3

VISITORS EXHIBITING VISIBLE SIGNS OF ILLNESS SHALL BE PREVENTED FROM ENTERING AREAS IN WHICH FOOD IS HANDLED AND PROCESSED.

11.3.4.4

VISITORS SHALL ENTER AND EXIT FOOD HANDLING AREAS THROUGH THE PROPER STAFF ENTRANCE POINTS AND COMPLY WITH ALL HANDWASHING AND PERSONNEL PRACTICE REQUIREMENTS.

11.5 WATER, ICE, AND AIR SUPPLY

11.5.1 WATER SUPPLY

11.5.1.1

ADEQUATE SUPPLIES OF POTABLE WATER DRAWN FROM A KNOWN CLEAN SOURCE SHALL BE PROVIDED FOR WATER USED AS AN INGREDIENT DURING PROCESSING OPERATIONS AND FOR CLEANING THE PREMISES AND EQUIPMENT. THE SOURCE OF POTABLE WATER SHALL BE IDENTIFIED AS WELL AS ON-SITE STORAGE (IF APPLICABLE) AND RETICULATION WITHIN THE FACILITY.

11.5.1.2

CONTINGENCY PLANS SHALL BE IN PLACE FOR INSTANCES WHEN THE POTABLE WATER SUPPLY IS DEEMED TO BE CONTAMINATED OR OTHERWISE INAPPROPRIATE FOR USE.

11.5.1.3

SUPPLIES OF HOT AND COLD WATER SHALL BE PROVIDED, AS REQUIRED, TO ENABLE THE EFFECTIVE CLEANING OF THE PREMISES AND EQUIPMENT.

11.5.1.4

THE DELIVERY OF WATER WITHIN THE PREMISES SHALL ENSURE POTABLE WATER IS NOT CONTAMINATED. TESTING OF THE BACKFLOW SYSTEM, WHERE POSSIBLE, SHALL BE CONDUCTED AT LEAST ANNUALLY AND RECORDS SHALL BE MAINTAINED.

11.5.1.5

THE USE OF NON-POTABLE WATER SHALL BE CONTROLLED SUCH THAT:

I. THERE IS NO CROSS-CONTAMINATION BETWEEN POTABLE AND NON-POTABLE WATER LINES;
II. NON-POTABLE WATER PIPING AND OUTLETS ARE CLEARLY IDENTIFIED; AND
III. HOSES, TAPS, AND OTHER SIMILAR SOURCES OF POSSIBLE CONTAMINATION ARE DESIGNED TO PREVENT BACKFLOW OR BACK-SIPHONAGE.

11.5.1.6

WHERE WATER IS STORED ON-SITE, STORAGE FACILITIES SHALL BE ADEQUATELY DESIGNED, CONSTRUCTED, AND ROUTINELY CLEANED TO PREVENT CONTAMINATION.

General Handrail Notes

1. HANDRAILS SHALL HAVE A MINIMUM HEIGHT OF 34 INCHES AND A MAXIMUM HEIGHT OF 38 INCHES MEASURED VERTICALLY FROM THE NOSING OF THE TREADS AND SHALL BE PROVIDED ON BOTH SIDES OF EACH STAIRWAY.
2. HANDRAIL-GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS OR OTHER OBSTRUCTIONS. HANDRAIL BRACKETS OR BALUSTERS ATTACHED TO THE BOTTOM SURFACE OF THE HANDRAIL THAT DO NOT PROJECT HORIZONTALLY BEYOND THE SIDES OF THE HANDRAIL WITHIN 1 1/2" INCHES OF THE BOTTOM OF THE HANDRAIL SHALL NOT BE CONSIDERED OBSTRUCTIONS.
3. CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE A MINIMUM OF 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
4. HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1-1/4 INCHES (32 MM) AND NOT GREATER THAN 2 INCHES (51 MM). IF THE HANDRAIL IS NOT CIRCULAR IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4 INCHES (102 MM) AND NOT GREATER THAN 6-1/4 INCHES (160 MM) WITH A MAXIMUM CROSS SECTION DIMENSION OF 2-1/4 INCHES (57 MM)
5. HANDRAILS SHALL RETURN TO A WALL, GUARD OR THE WALKING SURFACE OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT OR RAMP RUN. AT STAIRWAYS WHERE HANDRAILS ARE NOT CONTINUOUS BETWEEN FLIGHTS, THE HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.
6. HANDRAIL ASSEMBLIES AND GUARDS SHALL BE ABLE TO RESIST A LOAD OF 50 PLF APPLIED IN ANY DIRECTION AT THE TOP. THEY SHALL BE ABLE TO RESIST A CONCENTRATED LOAD OF 200 POUNDS, APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP.
7. INTERMEDIATE RAILS, BALUSTERS AND PANEL FILLERS SHALL BE ABLE TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 POUNDS.

General Guardrail Notes

1. **§1015.2 GUARDS.** GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914MM) HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.
2. **§1015.3 HEIGHT**. REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES (1067 MM) HIGH, MEASURED VERTICALLY AS FOLLOWS:
   1. FROM THE ADJACENT WALKING SURFACES.
   2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.
   3. ON RAMPS AND RAMPED AISLES, FROM THE RAMP SURFACE AT THE GUARD.
3. **§1015.4 OPENING LIMITATIONS.** REQUIRED GUARDS SHALL NOT HAVEOPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES (102 MM) INDIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARDHEIGHT.

General Stair Notes

STAIR TREADS AND RISERS

STAIR RISER HEIGHTS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM. STAIR TREAD DEPTHS SHALL BE 11 INCHES MINIMUM. THE RISER HEIGHT SHALL BE MEASURED VERTICALLY BETWEEN THE LEADING EDGES OF ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 0.375 INCH (9.5 MM). THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 0.375 INCH. WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 11 INCHES MEASURED AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE AT A POINT 12 INCHES FROM THE SIDE WHERE THE TREADS ARE NARROWER AND A MINIMUM TREAD DEPTH OF 10 INCHES. THE GREATEST WINDER TREAD DEPTH AT THE 12-INCH WALK LINE WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 0.375 INCH.

WHERE THE BOTTOM OR TOP RISER ADJOINS A SLOPING PUBLIC WAY, WALKWAY OR DRIVEWAY HAVING AN ESTABLISHED GRADE AND SERVING AS A LANDING, THE BOTTOM OR TOP RISER IS PERMITTED TO BE REDUCED ALONG THE SLOPE TO LESS THAN 4 INCHES (102 MM) IN HEIGHT WITH THE VARIATION IN HEIGHT OF THE BOTTOM OR TOP RISER NOT TO EXCEED ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL (8-PERCENT SLOPE) OF STAIRWAY WIDTH. THE NOSINGS OR LEADING EDGES OF TREADS AT SUCH NONUNIFORM HEIGHT RISERS SHALL HAVE A DISTINCTIVE MARKING STRIPE, DIFFERENT FROM ANY OTHER NOSING MARKING PROVIDED ON THE STAIR FLIGHT. THE DISTINCTIVE MARKING STRIPE SHALL BE VISIBLE IN DESCENT OF THE STAIR AND SHALL HAVE A SLIP-RESISTANT SURFACE. MARKING STRIPES SHALL HAVE A WIDTH OF AT LEAST 1 INCH (25 MM) BUT NOT MORE THAN 2 INCHES.

VERTICAL RISE.

A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FEET (3658 MM) BETWEEN FLOOR LEVELS OR LANDINGS.

General Epoxy Notes

SECTION 096723 - RESINOUS FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

1.2 SUMMARY

A. THIS SECTION INCLUDES ONE RESINOUS FLOORING SYSTEM, ONE WITH URETHANE BODY.
1. APPLICATION METHOD: METAL, POWER OR HAND TROWELED.

1.3 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE MANUFACTURER'S TECHNICAL DATA, APPLICATION INSTRUCTIONS, AND RECOMMENDATIONS FOR EACH RESINOUS FLOORING COMPONENT REQUIRED.
B. SAMPLES FOR VERIFICATION: FOR EACH RESINOUS FLOORING SYSTEM REQUIRED, 6 INCHES (150 MM) SQUARE, APPLIED TO A RIGID BACKING BY INSTALLER FOR THIS PROJECT.
C. PRODUCT SCHEDULE: USE RESINOUS FLOORING DESIGNATIONS INDICATED IN PART 2 AND ROOM DESIGNATIONS INDICATED ON DRAWINGS IN PRODUCT SCHEDULE.
D. INSTALLER CERTIFICATES: SIGNED BY MANUFACTURER CERTIFYING THAT INSTALLERS COMPLY WITH SPECIFIED REQUIREMENTS.
E. MAINTENANCE DATA: FOR RESINOUS FLOORING TO INCLUDE IN MAINTENANCE MANUALS.

1.4 QUALITY ASSURANCE

A. NO REQUEST FOR SUBSTITUTION SHALL BE CONSIDERED THAT WOULD CHANGE THE GENERIC TYPE OF FLOOR SYSTEM SPECIFIED (I.E. URETHANE MORTAR BASED SYSTEM). EQUIVALENT MATERIALS OF OTHER MANUFACTURES MAY BE SUBSTITUTED ONLY ON APPROVAL OF ARCHITECT OR ENGINEER. REQUEST FOR SUBSTITUTION WILL ONLY BE CONSIDERED ONLY IF SUBMITTED 10 DAYS PRIOR TO BID DATE. REQUEST WILL BE SUBJECT TO SPECIFICATION REQUIREMENTS DESCRIBED IN THIS SECTION.
B. INSTALLER QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER (APPLICATOR) WHO IS EXPERIENCED IN APPLYING RESINOUS FLOORING SYSTEMS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT, WHOSE WORK HAS RESULTED IN APPLICATIONS WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE, AND WHO IS ACCEPTABLE TO RESINOUS FLOORING MANUFACTURER.
1. ENGAGE AN INSTALLER WHO IS CERTIFIED IN WRITING BY RESINOUS FLOORING MANUFACTURER AS QUALIFIED TO APPLY RESINOUS FLOORING SYSTEMS INDICATED.
2. CONTRACTOR SHALL HAVE COMPLETED AT LEAST 10 PROJECTS OF SIMILAR SIZE AND COMPLEXITY.
C. SOURCE LIMITATIONS: OBTAIN PRIMARY RESINOUS FLOORING MATERIALS, INCLUDING PRIMERS, RESINS, HARDENING AGENTS, GROUTING COATS, AND TOPCOATS, THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER, WITH NOT LESS THAN TEN YEARS OF SUCCESSFUL EXPERIENCE IN MANUFACTURING AND INSTALLING PRINCIPAL MATERIALS DESCRIBED IN THIS SECTION. PROVIDE SECONDARY MATERIALS, INCLUDING PATCHING AND FILL MATERIAL, JOINT SEALANT, AND REPAIR MATERIALS, OF TYPE AND FROM SOURCE RECOMMENDED BY MANUFACTURER OF PRIMARY MATERIALS.
D. MANUFACTURER FIELD TECHNICAL SERVICE REPRESENTATIVES: RESINOUS FLOORING MANUFACTURE SHALL RETAIN THE SERVICES OF FIELD TECHNICAL SERVICE REPRESENTATIVES WHO ARE TRAINED SPECIFICALLY ON INSTALLING THE SYSTEM TO BE USED ON THE PROJECT.
1. FIELD TECHNICAL SERVICES REPRESENTATIVES SHALL BE EMPLOYED BY THE SYSTEM MANUFACTURE TO ASSIST IN THE QUALITY ASSURANCE AND QUALITY CONTROL PROCESS OF THE INSTALLATION AND SHALL BE AVAILABLE TO PERFORM FIELD PROBLEM SOLVING ISSUES WITH THE INSTALLER.
E. MOCKUPS: APPLY MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND SET QUALITY STANDARDS FOR MATERIALS AND EXECUTION.
1. APPLY FULL-THICKNESS MOCKUPS ON 48-INCH- (1200-MM-) SQUARE FLOOR AREA SELECTED BY ARCHITECT.
A. INCLUDE 48-INCH (1200-MM) LENGTH OF INTEGRAL COVE BASE.
2. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION.
3. SIGN OFF FROM ARCHITECT AND OWNER/OWNERS AGENT ON TEXTURE FOR SLIP RESISTANCE MUST BE COMPLETE BEFORE INSTALLATION OF FLOORING SYSTEM.
F. PRE-INSTALLATION CONFERENCE:
1. GENERAL CONTRACTOR SHALL ARRANGE A MEETING NOT LESS THAN THIRTY DAYS PRIOR TO STARTING WORK.
2. ATTENDANCE:
A. GENERAL CONTRACTOR
B. ARCHITECT/OWNER'S REPRESENTATIVE.
C. MANUFACTURER/INSTALLER'S REPRESENTATIVE.

1.5 DELIVERY, STORAGE, AND HANDLING

A. DELIVER MATERIALS IN ORIGINAL PACKAGES AND CONTAINERS, WITH SEALS UNBROKEN, BEARING MANUFACTURER'S LABELS INDICATING BRAND NAME AND DIRECTIONS FOR STORAGE AND MIXING WITH OTHER COMPONENTS.
B. STORE MATERIALS TO PREVENT DETERIORATION FROM MOISTURE, HEAT, COLD, DIRECT SUNLIGHT, OR OTHER DETRIMENTAL EFFECTS.
C. ALL MATERIALS USED SHALL BE FACTORY PRE-WEIGHED AND PRE-PACKAGED IN SINGLE, EASY TO MANAGE BATCHES TO ELIMINATE ON SITE MIXING ERRORS. NO ON SITE WEIGHING OR VOLUMETRIC MEASUREMENTS ALLOWED.

1.6 PROJECT CONDITIONS

A. ENVIRONMENTAL LIMITATIONS: COMPLY WITH RESINOUS FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SUBSTRATE TEMPERATURE, AMBIENT TEMPERATURE, MOISTURE, VENTILATION, AND OTHER CONDITIONS AFFECTING RESINOUS FLOORING APPLICATION.
1. MAINTAIN MATERIAL AND SUBSTRATE TEMPERATURE BETWEEN 65 AND 85 DEG F (18 AND 30 DEG C) DURING RESINOUS FLOORING APPLICATION AND FOR NOT LESS THAN 24 HOURS AFTER APPLICATION.
B. LIGHTING: PROVIDE PERMANENT LIGHTING OR, IF PERMANENT LIGHTING IS NOT IN PLACE, SIMULATE PERMANENT LIGHTING CONDITIONS DURING RESINOUS FLOORING APPLICATION.
C. CLOSE SPACES TO TRAFFIC DURING RESINOUS FLOORING APPLICATION AND FOR NOT LESS THAN 24 HOURS AFTER APPLICATION, UNLESS MANUFACTURER RECOMMENDS A LONGER PERIOD.
D. CONCRETE SUBSTRATE SHALL BE PROPERLY CURED FOR A MINIMUM OF 30 DAYS. A VAPOR BARRIER MUST BE PRESENT FOR CONCRETE SUBFLOORS ON OR BELOW GRADE. OTHERWISE, AN OSMOTIC PRESSURE RESISTANT GROUT MUST BE INSTALLED PRIOR TO THE RESINOUS FLOORING

1.7 WARRANTY

A. MANUFACTURER SHALL FURNISH A SINGLE, WRITTEN WARRANTY COVERING BOTH MATERIAL AND WORKMANSHIP FOR A PERIOD OF (1) FULL YEARS FROM DATE OF INSTALLATION, OR PROVIDE A JOINT AND SEVERAL WARRANTY SIGNED ON A SINGLE DOCUMENT BY MATERIAL MANUFACTURER AND APPLICATOR JOINTLY AND SEVERALLY WARRANTING THE MATERIALS AND WORKMANSHIP FOR A PERIOD OF (1) FULL YEAR FROM DATE OF INSTALLATION. A SAMPLE WARRANTY LETTER MUST BE INCLUDED WITH BID PACKAGE OR BID MAY BE DISQUALIFIED.

PART 2 - PRODUCTS

2.1 RESINOUS FLOORING

A. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCT THAT MAY BE INCORPORATED INTO THE WORK INCLUDE.
1. UNSEALED OR "SELF-SEALING" URETHANE MORTAR SYSTEMS, MULTIPLE LAYERS OF LIQUIDS AND BROADCASTS WILL NOT BE ACCEPTED, AND WILL RESULT IN A DISQUALIFICATION FROM BID.
2. ALL ACCESSORY MATERIALS MUST BE FROM THE SAME MANUFACTURER AS THE FLOORING SYSTEM.
B. ACCEPTABLE MANUFACTURERS:
1. STONHARD BASIS OF DESIGN.
C. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS:
1. STONHARD,INC.:STONCLAD-UT®. CONTACT:CARL VOSE 508-274-5521
D. SYSTEM CHARACTERISTICS:
1. COLOR AND PATTERN: SELECT FROM MFG. STANDARDS
2. WEARING SURFACE: MEDIUM TEXTURE
3. INTEGRAL COVE BASE: TBD
4. OVERALL SYSTEM THICKNESS: 1/4".
E. SYSTEM COMPONENTS: MANUFACTURER'S STANDARD COMPONENTS THAT ARE COMPATIBLE WITH EACH OTHER AND AS FOLLOWS:
1. MORTAR:
A. MATERIAL DESIGN BASIS: STONSHIELD
B. RESIN: URETHANE.
C. FORMULATION DESCRIPTION: (4) FOUR-COMPONENT, 100 PERCENT SOLIDS.
D. APPLICATION METHOD: SCREED, TROWEL.
1) THICKNESS OF COATS: 1/4".
2) NUMBER OF COATS: ONE.
3) BROADCAST TEXTURE INTO WET MORTAR BASE.
E. AGGREGATES: PIGMENTED BLENDED AGGREGATE.
2. TOP COAT:
A. MATERIAL DESIGN BASIS: STONKOTE HT4
B. RESIN: EPOXY
C. FORMULATION DESCRIPTION: (2) TWO-COMPONENT, 100 PERCENT SOLIDS.
D. TYPE: PIGMENTED.
E. FINISH: STANDARD.
F. NUMBER OF COATS: ONE.

NOTE: COMPONENTS LISTED ABOVE ARE THE BASIS OF DESIGN INTENT: ALL BIDS WILL BE COMPARED TO THIS STANDARD INCLUDING RESIN CHEMISTRY, COLOR, WEARING SURFACE, THICKNESS, AND INSTALLATION PROCEDURES, INCLUDING NUMBER OF COATS. CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH ALL THE REQUIREMENTS OF THE SPECIFICATIONS AND ALL OF THE COMPONENTS REQUIRED BY THE SPECIFICATIONS, WHETHER OR NOT SUCH PRODUCTS ARE SPECIFICALLY LISTED ABOVE.

F. SYSTEM PHYSICAL PROPERTIES: PROVIDE RESINOUS FLOORING SYSTEM WITH THE FOLLOWING MINIMUM PHYSICAL PROPERTY REQUIREMENTS WHEN TESTED ACCORDING TO TEST METHODS INDICATED:
1. COMPRESSIVE STRENGTH: 7,700 PSI AFTER 7 DAYS PER ASTM C 579.
2. TENSILE STRENGTH: 1,000 PSI PER ASTM C 307.
3. FLEXURAL STRENGTH: 2,400 PSI PER ASTM C 580.
4. WATER ABSORPTION: < 1% PER ASTM C 413.
5. IMPACT RESISTANCE: > 160 IN. LBS. PER ASTM D 2794.
6. FLAMMABILITY: CLASS 1 PER ASTM E-648.
7. HARDNESS: 80 TO 84, SHORE D PER ASTM D 2240.

2.2 ACCESSORY MATERIALS

A. MOISTURE MITIGATION SYSTEM: IF REQUIRED, POLYMER MODIFIED, CEMENTITIOUS GROUT, TO BE INSTALLED PRIOR TO OVERLAYMENT. ALLOWANCES SHOULD BE INCLUDED OR LINE ITEMED FOR STONFIL OP2 BY STONHARD. NOT REQUIRED WITH STONCLAD UT® WHEN INSTALLED OVER A NEW SUBSTRATE WITH A PROPERLY INSTALLED VAPOR BARRIER, ELEVATED SUBSTRATES, OR OVER A WOOD SUBSTRATE.
B. PITCHING AND FILL: IF REQUIRED, USE A FOUR COMPONENT FAST SETTING URETHANE GROUT. MOISTURE RESISTANT POLYURETHANE BASED GROUT DESIGNED FOR PERMANENT REPAIRS UNDER FLOORING SYSTEM. STONHARD, STONSET TG6. SEE DRAWINGS FOR PER FOOT SLOPE TO DRAINS. USE STANDARD DRAIN DETAIL, SAW CUT AND CHASE.
C. WATERPROOF MEMBRANE: IF REQUIRED, USE OF STONPROOF ME7 WATERPROOF MEMBRANE REQUIRED ON FLOORS ABOVE GRADE, 25 MIL WATERPROOF MEMBRANE.
D. JOINT SEALANT: TYPE PRODUCED BY RESINOUS FLOORING MANUFACTURER FOR TYPE OF SERVICE AND JOINT CONDITION INDICATED. ALLOWANCES SHOULD BE INCLUDED FOR STONFLEX MP7 JOINT FILL MATERIAL, AND STONPROOF CT5 CONCRETE CRACK TREATMENT.

PART 3 - EXECUTION

3.1 PREPARATION

A. GENERAL: PREPARE AND CLEAN SUBSTRATES ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SUBSTRATE INDICATED. PROVIDE CLEAN, DRY, AND NEUTRAL PH SUBSTRATE FOR RESINOUS FLOORING APPLICATION.
B. CONCRETE SUBSTRATES: PROVIDE SOUND CONCRETE SURFACES FREE OF LAITANCE, GLAZE, EFFLORESCENCE, CURING COMPOUNDS, FORM-RELEASE AGENTS, DUST, DIRT, GREASE, OIL, AND OTHER CONTAMINANTS INCOMPATIBLE WITH RESINOUS FLOORING.
1. MECHANICALLY PREPARE SUBSTRATES AS FOLLOWS:
A. SHOT-BLAST SURFACES WITH AN APPARATUS THAT ABRADES THE CONCRETE SURFACE, CONTAINS THE DISPENSED SHOT WITHIN THE APPARATUS, AND RECIRCULATES THE SHOT BY VACUUM PICKUP.
B. COMPLY WITH ASTM C 811 REQUIREMENTS, UNLESS MANUFACTURER'S WRITTEN INSTRUCTIONS ARE MORE STRINGENT.
2. REPAIR DAMAGED AND DETERIORATED CONCRETE ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS.
3. VERIFY THAT CONCRETE SUBSTRATES ARE DRY.
A. PERFORM IN SITU PROBE TEST, ASTM F 2170. PROCEED WITH APPLICATION ONLY AFTER SUBSTRATES DO NOT EXCEED A MAXIMUM POTENTIAL EQUILIBRIUM RELATIVE HUMIDITY OF 85 PERCENT.
B. PERFORM ANHYDROUS CALCIUM CHLORIDE TEST, ASTM F 1869. PROCEED WITH APPLICATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE OF 7 LB OF WATER/1000 SQ. FT. OF SLAB IN 24 HOURS.
C. PERFORM ADDITIONAL MOISTURE TESTS RECOMMENDED BY MANUFACTURER. PROCEED WITH APPLICATION ONLY AFTER SUBSTRATES PASS TESTING.
4. VERIFY THAT CONCRETE SUBSTRATES HAVE NEUTRAL PH AND THAT RESINOUS FLOORING WILL ADHERE TO THEM. PERFORM TESTS RECOMMENDED BY MANUFACTURER. PROCEED WITH APPLICATION ONLY AFTER SUBSTRATES PASS TESTING.
C. RESINOUS MATERIALS: MIX COMPONENTS AND PREPARE MATERIALS ACCORDING TO RESINOUS FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS.
D. USE PATCHING AND FILL MATERIAL TO FILL HOLES AND DEPRESSIONS IN SUBSTRATES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. THE USE OF STONSET TG6 URETHANE GROUT IS RECOMMENDED FOR ANY HEAVY PATCHING OR NECESSARY PITCH WORK.
E. TREAT CONTROL JOINTS AND OTHER NONMOVING SUBSTRATE CRACKS TO PREVENT CRACKS FROM REFLECTING THROUGH RESINOUS FLOORING ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS. ALLOWANCES SHOULD BE INCLUDED FOR STONFLEX MP7 JOINT FILL MATERIAL, AND CT5 CONCRETE CRACK TREATMENT.

3.2 APPLICATION

A. GENERAL: APPLY COMPONENTS OF RESINOUS FLOORING SYSTEM ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE A UNIFORM, MONOLITHIC WEARING SURFACE OF THICKNESS INDICATED.
1. COORDINATE APPLICATION OF COMPONENTS TO PROVIDE OPTIMUM ADHESION OF RESINOUS FLOORING SYSTEM TO SUBSTRATE, AND OPTIMUM INTERCOAT ADHESION.
2. CURE RESINOUS FLOORING COMPONENTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. PREVENT CONTAMINATION DURING APPLICATION AND CURING PROCESSES.
3. AT SUBSTRATE EXPANSION AND ISOLATION JOINTS, PROVIDE JOINT IN RESINOUS FLOORING TO COMPLY WITH RESINOUS FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS.
A. APPLY JOINT SEALANT TO COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
B. APPLY PRIMER WHERE REQUIRED BY RESINOUS SYSTEM, OVER PREPARED SUBSTRATE AT MANUFACTURER'S RECOMMENDED SPREADING RATE.
C. INTEGRAL COVE BASE: STONCLAD UR MORTAR, APPLY COVE BASE MIX TO WALL SURFACES BEFORE APPLYING FLOORING. APPLY ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS INCLUDING THOSE FOR TAPING, MIXING, PRIMING, TROWELING, SANDING, OF COVE BASE. ROUND INTERNAL AND EXTERNAL CORNERS.
1. INTEGRAL COVE BASE: 4 INCHES HIGH WITH ZINC COVE STRIP
D. MORTAR: MIX MORTAR MATERIAL ACCORDING TO MANUFACTURER'S RECOMMENDED PROCEDURES. UNIFORMLY SPREAD MORTAR OVER SUBSTRATE AT MANUFACTURER'S RECOMMENDED HEIGHT USING SPECIALLY DESIGNED TROWEL AND OR SCREED BOX. BROADCAST DESIRED TEXTURE DIRECTLY INTO MORTAR BASE. FIELD VERIFY TEXTURE NEEDED, BASED ON APPROVED SAMPLES AS MEDIUM.
E. APPLY TOPCOAT IN NUMBER OF COATS INDICATED FOR FLOORING SYSTEM AND AT SPREADING RATES RECOMMENDED IN WRITING BY MANUFACTURER.

3.3 TERMINATIONS

A. CHASE EDGES TO "LOCK" THE FLOORING SYSTEM INTO THE CONCRETE SUBSTRATE ALONG LINES OF TERMINATION, OR WHERE MEETING AN EXISTING URETHANE FLOORING SYSTEM. IF TERMINATING AT FLOORING SYSTEM WITH A DIFFERENT CHEMISTRY (EPOXY OR ACRYLIC), A JOINT MUST BE CUT AND FILLED WITH AN ELASTOMERIC, TO ALLOW FOR DIFFERENT RATES OF EXPANSION AND CONTRACTION.
B. PENETRATION TREATMENT: LAP AND SEAL THE FLOORING SYSTEM ONTO THE PERIMETER OF THE PENETRATING ITEM BY BRIDGING OVER COMPATIBLE ELASTOMER AT THE INTERFACE TO COMPENSATE FOR POSSIBLE MOVEMENT.
C. TRENCHES: CONTINUE FLOORING SYSTEM INTO TRENCHES TO MAINTAIN MONOLITHIC PROTECTION. TREAT COLD JOINTS TO ASSURE BRIDGING OF POTENTIAL CRACKS.
D. TREAT FLOOR DRAINS BY CHASING THE FLOORING SYSTEM TO LOCK IN PLACE AT POINT OF TERMINATION.

3.4 JOINTS AND CRACKS

A. TREAT CONTROL JOINTS TO BRIDGE POTENTIAL CRACKS AND TO MAINTAIN MONOLITHIC PROTECTION.
B. TREAT COLD JOINTS AND CONSTRUCTION JOINTS TO BRIDGE POTENTIAL CRACKS AND TO MAINTAIN MONOLITHIC PROTECTION ON HORIZONTAL AND VERTICAL SURFACES AS WELL AS HORIZONTAL AND VERTICAL INTERFACES.
C. DISCONTINUE FLOOR COATING SYSTEM AT VERTICAL AND HORIZONTAL CONTRACTION AND EXPANSION JOINTS BY INSTALLING BACKER ROD AND COMPATIBLE SEALANT AFTER COATING INSTALLATION IS COMPLETED. PROVIDE SEALANT TYPE RECOMMENDED BY MANUFACTURER FOR TRAFFIC CONDITIONS AND CHEMICAL EXPOSURES TO BE ENCOUNTERED.

3.5 FIELD QUALITY CONTROL

A. MATERIAL SAMPLING: OWNER MAY AT ANY TIME AND ANY NUMBERS OF TIMES DURING RESINOUS FLOORING APPLICATION REQUIRE MATERIAL SAMPLES FOR TESTING FOR COMPLIANCE WITH REQUIREMENTS.
1. OWNER WILL ENGAGE AN INDEPENDENT TESTING AGENCY TO TAKE SAMPLES OF MATERIALS BEING USED. MATERIAL SAMPLES WILL BE TAKEN, IDENTIFIED, SEALED, AND CERTIFIED IN PRESENCE OF CONTRACTOR.
2. TESTING AGENCY WILL TEST SAMPLES FOR COMPLIANCE WITH REQUIREMENTS, USING APPLICABLE REFERENCED TESTING PROCEDURES OR, IF NOT REFERENCED, USING TESTING PROCEDURES LISTED IN MANUFACTURER'S PRODUCT DATA.
3. IF TEST RESULTS SHOW APPLIED MATERIALS DO NOT COMPLY WITH SPECIFIED REQUIREMENTS, PAY FOR TESTING, REMOVE NONCOMPLYING MATERIALS, PREPARE SURFACES COATED WITH UNACCEPTABLE MATERIALS, AND REAPPLY FLOORING MATERIALS TO COMPLY WITH REQUIREMENTS.

3.6 CLEANING, PROTECTING, AND CURING

A. CURE RESINOUS FLOORING MATERIALS IN COMPLIANCE WITH MANUFACTURER'S DIRECTIONS, TAKING CARE TO PREVENT CONTAMINATION DURING STAGES OF APPLICATION AND PRIOR TO COMPLETION OF CURING PROCESS. CLOSE AREA OF APPLICATION FOR A MINIMUM OF 18 HOURS.
B. PROTECT RESINOUS FLOORING MATERIALS FROM DAMAGE AND WEAR DURING CONSTRUCTION OPERATION. WHERE TEMPORARY COVERING IS REQUIRED FOR THIS PURPOSE, COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR PROTECTIVE MATERIALS AND METHOD OF APPLICATION. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND CLEANING OF SURFACES AFTER FINAL COATS.
C. CLEANING: REMOVE TEMPORARY COVERING AND CLEAN RESINOUS FLOORING JUST PRIOR TO FINAL INSPECTION. USE CLEANING MATERIALS AND PROCEDURES RECOMMENDED BY RESINOUS FLOORING MANUFACTURER.

END OF SECTION 096723

CONSULTANT

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024632

STAMP

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ARCHITECT

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

General Notes Cont.

SHEET TITLE

G103

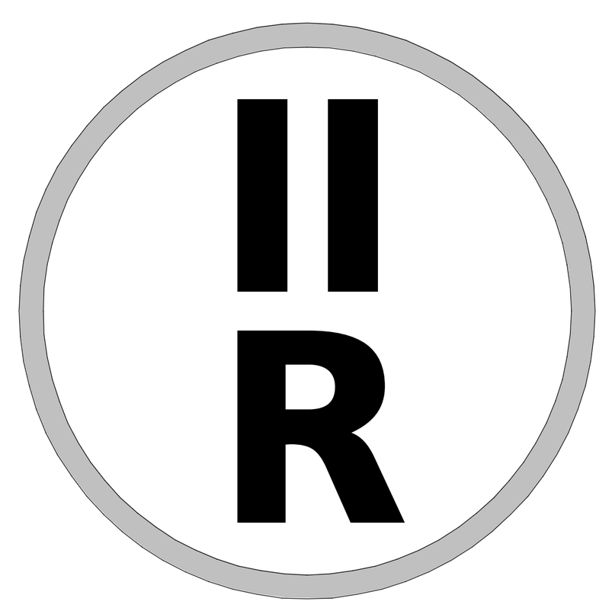
SHEET NUMBER

6/7/2021 8:39:56 AM

Truss Identification Sign Locations

TABLE I-1264

SIGN LOCATION	SIGN PLACEMENT
EXTERIOR BUILDING ENTRANCE DOORS, EXTERIOR EXIT DISCHARGE DOORS, AND EXTERIOR ROOF ACCESS DOORS TO A STAIRWAY	ATTACHED TO THE DOOR, OR ATTACHED TO A SIDELIGHT OR THE FACE OF THE BUILDING, NOT MORE THAN 12 INCHES (305 MM) HORIZONTALLY FROM THE LATCH SIDE OF THE DOOR JAMB, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.
EXTERIOR BUILDING ENTRANCE DOORS, EXTERIOR EXIT DISCHARGE DOORS, AND EXTERIOR ROOF ACCESS DOORS TO A STAIRWAY	ATTACHED AT EACH END OF THE ROW OF DOORS AND AT A MAXIMUM HORIZONTAL DISTANCE OF 12 FEET (3.65M) BETWEEN SIGNS, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.
FIRE DEPARTMENT HOSE CONNECTIONS	ATTACHED TO THE FACE OF THE BUILDING, NOT MORE THAN 12 INCHES (305 MM) HORIZONTALLY FROM THE CENTER LINE OF THE FIRE DEPARTMENT HOSE CONNECTION, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.



GENERAL NOTES:
1. PROVIDE VINYL DECAL SYMBOL ON SIDELIGHTS AND "PLASTIC PLAQUE" ON HARD SURFACES SUCH AS BRICK, METAL SIDING OR CMU.

1 Cold Storage Addition Truss Signage

6" = 1'-0"

COMcheck Software Version 4.1.5.1
Envelope Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: The Farm Bridge
Location: Kingston, New York
Climate Zone: 6a
Project Type: New Construction
Vertical Glazing / Wall Area: 0%

Construction Site: 101 Enterprise Dr, Kingston, NY 12401
Owner/Agent:
Designer/Contractor:

Additional Efficiency Package(s)

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

Building Area	Floor Area
1-Cold Storage (Warehouse) : Nonresidential	9225

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor 1: Slab-On-Grade:Heated Fully insulated (uniform R-value across perimeter + under entire slab), [Bldg. Use 1 - Cold Storage] (c)	385	---	30.0	0.296	0.620
Roof 1: Insulation Entirely Above Deck, [Bldg. Use 1 - Cold Storage]	9225	---	30.0	0.032	0.032
NORTH					
Exterior Wall 1: Steel-Framed, 24" o.c., [Bldg. Use 1 - Cold Storage]	2482	0.0	30.0	0.030	0.064
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Cold Storage]	21	---	---	0.033	0.370
EAST					
Exterior Wall 3: Steel-Framed, 24" o.c., [Bldg. Use 1 - Cold Storage]	2514	0.0	30.0	0.030	0.064
SOUTH					
Exterior Wall 2: Steel-Framed, 24" o.c., [Bldg. Use 1 - Cold Storage]	2748	0.0	30.0	0.030	0.064
Window 1: Metal Frame with Thermal Break:Fixed, Perf. Specs.: Product ID na, SHGC 0.23, [Bldg. Use 1 - Cold Storage] (b)	16	---	---	0.240	0.360
Door 2: Insulated Metal, Garage door 14% glazing, [Bldg. Use 1 - Cold Storage]	320	---	---	0.032	0.310
Door 3: Insulated Metal, Swinging, [Bldg. Use 1 - Cold Storage]	21	---	---	0.270	0.370
WEST					
Exterior Wall 4: Steel-Framed, 24" o.c., [Bldg. Use 1 - Cold Storage]	2514	0.0	30.0	0.030	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Project Title: The Farm Bridge — Report date: 04/26/21
Data filename: Z:\Projects\2020\907 20 002 - The Farm Bridge II\03 Reports\The Farm Bridge.cck — Page 1 of 12

Envelope PASSES: Design 44% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2018 IECC requirements in COM*check* Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title   Signature   Date

BUILDING CODE ANALYSIS - NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE

DESCRIPTION	CODE REFERENCE	BUILDING TYPE / ZONE
BUILDING IDENTIFICATION:		FACTORY
BUILDING OCCUPANCY CLASSIFICATION:	SECTION 311	**S2**
TYPE OF CONSTRUCTION:	SECTION 601	TYPE IIB
BUILDING HEIGHT AND AREA:		
AREA — BASE AREA LIMITATION:	TABLE 506.2	78,000 SF
AREA MODIFICATIONS:	SECTION 506	N/A
FRONTAGE INCREASE: If=[F/P - 0.25]W/30:	506.3	N/A
AUTOMATIC SPRINKLER INCREASE:	506.3.3	N/A
ALLOWABLE BUILDING AREA : PER STORY Aa=At+[At x If]+[At x Is] =	506.1	78,000
ACTUAL AREA PER STORY (worst case):		N/A
MAXIMUM AREA OF BUILDING ALLOWED:		N/A - BASE AREA > REQURED
ACTUAL AREA OF BUILDING		9,164 SF
HEIGHT — GENERAL HEIGHT LIMITATION:	TABLE 504.3 / 504.4	75' / 4 STORIES
HEIGHT MODIFICATIONS:	SECTION 504	N/A
HEIGHT:	504.3	N/A
NUMBER OF STORIES:	504.4	N/A
MAXIMUM HEIGHT OF BUILDING:	504.2	N/A - BASE HEIGHT > REQUIRED
ACTUAL HEIGHT OF BUILDING:		(+/-) 32' - 0" / 1 STORY
PODIUM - HORIZONTAL ASSEMBLY 510.2		N/A
FIRE RESISTANCE RATING OF BUILDING ELEMENTS :	TABLE 601	
FIRE RESISTANCE — STRUCTURAL FRAME (req. / provided):		0
EXTERIOR BEARING WALLS:		0
INTERIOR BEARING WALLS:		0
EXTERIOR NON-BEARING WALLS:	TABLE 602	
F.S. - LESS THAN < 5-0" (feet):		1 hr
F.S. BETWEEN 5'-0" to 10'-0" (feet):		1 hr
F.S. BETWEEN 10'-0" to 30'-0" (feet):		0 hr
F.S. GREATER THAN > 30'-0" (feet):		0 - HR
INTERIOR NON-BEARING WALLS:		0 - HR
FLOOR CONSTRUCTION:		SLAB ON GRADE
ROOF CONSTRUCTION:		IIB
ROOF CLASSIFICATION / MATERIAL PROVIDED:	SECTION 1505	C[b]
SHAFT ENCLOSURES:	SECTION 713	N/A
FIRE BARRIERS:	SECTION 707.3.10	2 hr
FIRE WALLS:	SECTION 706	2 hr
OCCUPANCY AND USE SEPARATION :	SECTION 420	N/A
MIXED USE AND SEPARATION (yes/no / Non-Sep/Separated):	SECTION 508	N/A
ACCESSORY OR INCIDENTAL USES:508.2 / 509		N/A
HORIZONTAL SEPARATION (if Separated):	TABLE 508.4/711.2.4.1	N/A
:		
STAIRS (open / enclosed):	1011	N/A
STAIR WIDTH (min req./min. provided):	1011.2 / 1024.2	N/A
NUMBER OF FLOORS CONNECTED:		N/A
ENCLOSURE FIRE RATING:	1023.2 / 1027.6	N/A
NUMBER OF EXITS (min/provided):	1006.3	N/A
EXTEND TO EXIT DISCHARGE OR PUBLIC WAY:1023.3		N/A
ELEVATOR LOBBIES REQUIRED (yes / no / n/a):	3006	N/A
FLOOR LOCATIONS:		N/A
NUMBER OF FLOORS CONNECTED:		N/A
ELEVATOR ENCLOSURE FIRE RATING:	713.4	N/A
FIRE PROTECTION SYSTEM:		
SPRINKLER SYSTEM- (Y/N)	420.5	YES
CLASS: NFPA-13 (903.3.1.1) / NFPA-13R (903.3.1.2):		NFPA-13
STANDPIPES REQUIRED (YES / NO):	905.2	NO
STANDPIPES TYPE - PER NFPA 14 (wet / dry):	905.3.1WET / CLASS-I	N/A
SMOKE DETECTION/FIRE ALARM SYSTEMS:420.5 / 903.4		YES
SMOKE CONTROL SYSTEMS:SECTION 909		
FIRE EXTINGUISHERS (building):	906 / NFPA 10	PROVIDED AT MAX 75' TRAVEL
FIRE EXTINGUISHERS (each unit):	906 / NFPA 10	
SMOKE SEPARATION / DRAFTSTOPPING:		
FLOOR CAVITY (yes/no):	718.3.2	NO - NFPA 13 SPRINKLER PROVIDED
ATTIC AREA (yes/no):	718.4.2	NO
ATTIC VENTILATION REQUIRED (y/n - mech./passive):		N/A
EXITS REQUIRED:		
BUILDING EXITS (per floor min./provided):	1006 / 1006.3.1	2 / 2
HORIZONTAL EXITS (<50% of req. exits):	1026.1	0
TRAVEL DISTANCE (unit to exit - max./provided):	1017.2	(S-2) 400' / (SEE L.S. PLANS)
DEAD END CORRIDOR (max/provided):	1020.4	50' / (SEE L.S. PLANS)
UNITS OF EGRESS (req/provided):	1005.1	0.15" PER PERSON / (SEE L.S. PLANS)
EXIT PASSAGEWAYS (min width)	SECTION 1024	44" min.
BREEZEWAY FIRE RESISTANCE RATING:	TABLE 1020.1	N/A
CORRIDOR WIDTH (min/provided):	TABLE 1020.2	44" / 60"

General Finish Requirement Notes

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY[k]

	SPRINKLERED[l]			NONSPRINKLERED		
	EXIT ENCLOSURES & EXIT PASSAGEWAYS[a,b]	CORRIDORS	ROOMS & ENCLOSED SPACES[c]	EXIT ENCLOSURES & EXIT PASSAGEWAYS[a,b]	CORRIDORS	ROOMS & ENCLOSED SPACES[c]
A-1 & A-2	B	B	C	A	A[d]	B[e]
A-3[f],A-4,A-5	B	B	C	A	A[d]	C
B,E,M,R-1	B	C	C	A	B	C
R-4	B	C	C	A	B	B
F	C	C	C	B	C	C
H	B	B	C	A	A	B
I-1	B	C	C	A	B	B
I-2	B	B	B[h,i]	A	A	B
I-3	A	A[j]	C	A	A	B
I-4	B	B	B[h,i]	A	A	B
R-2	C	C	C	B	B	C
R-3	C	C	C	C	C	C
S	C	C	C	B	B	C
U	NO RESTRICTIONS			NO RESTRICTIONS		

NOT APPLICABLE

FOR SI: 1 INCH = 25.4 mm, 1 SQUARE FOOT = 0.0929 m2

a. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED FOR WAINSCOTING OR PANELING OF NOT MORE THAN 1,000 SF OF APPLIED SURFACE AREA IN THE GRADE LOBBY WHERE APPLIED DIRECTLY TO A NONCOMBUSTIBLE BASE OR OVER FURRING STRIPS APPLIED TO A NONCOMBUSTIBLE BASE AND FIREBLOCKED AS REQUIRED BY SECTION 803.13.1

b. IN OTHER THAN GROUP I-3 OCCUPANCIES IN BUILDINGS LESS THAN THREE STORIES ABOVE GRADE PLACE, CLASS B INTERIOR FINISH FOR NONSPRINKLERED BUILDING AND CLASS C INTERIOR FINISH FOR SPRINKLERED BUILDINGS SHALL BE PERMITTED IN INTERIOR EXIT STAIRWAYS AND RAMPS.

c. REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

d. LOBBY AREAS IN GROUP A-1,A-2 AND A-3 OCCUPANCIES SHALL NOT BE LESS THAN CLASS B MATERIALS.

e. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN PLACES OF ASSEMBLY WITH AN OCCUPANT LOAD OF 300 PERSONS OR LESS.

f. FOR PLACES OF RELIGIOUS WORSHIP, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED.

g. CLASS B MATERIAL IS REQUIRED WHERE THE BUILDING EXCEEDS TWO STORIES.

h. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ADMINISTRATIVE SPACES.

i. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ROOMS WITH A CAPACITY OF FOUR PERSONS OR LESS.

j. CLASS B MATERIALS SHALL BE PERMITTED AS WAINSCOTING EXTENDING NOT MORE THAN 48 INCHES ABOVE THE FINISHED FLOOR IN CORRIDORS.

k. FINISH MATERIALS AS PROVIDED FOR IN OTHER SECTIONS OF THIS CODE.

l. APPLIES WHEN THE EXIT ENCLOSURES, EXIT PASSAGEWAYS, CORRIDORS OR ROOMS AND ENCLOSED SPACES ARE PROTECTED BY A SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

** FOR ADDITIONAL CLARIFICATIONS REGARDING THE FOOTNOTES, PLEASE SUBMIT A RFI TO THE ARCHITECT.

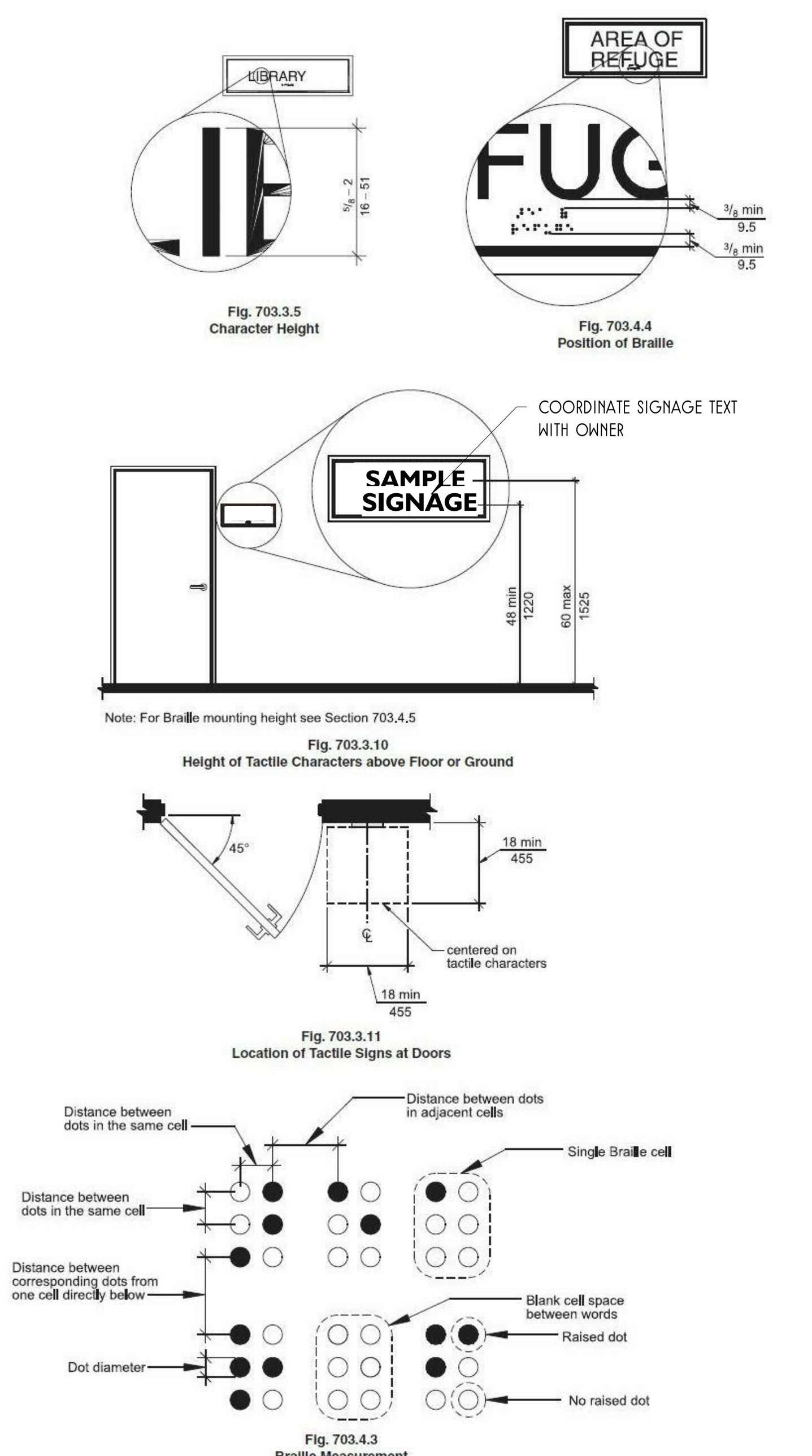
BUILDING CODE ANALYSIS - NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE

DESCRIPTION	CODE REFERENCE	BUILDING TYPE / ZONE
BUILDING IDENTIFICATION:		FACTORY
BUILDING OCCUPANCY CLASSIFICATION:	SECTION 302	**F1**
TYPE OF CONSTRUCTION:	SECTION 601	TYPE IIB EXISTING
BUILDING HEIGHT AND AREA:		
AREA — BASE AREA LIMITATION:	TABLE 506.2	62,000 SF
AREA MODIFICATIONS:	SECTION 506	N/A
FRONTAGE INCREASE: If=[F/P - 0.25]W/30:	506.3	N/A
AUTOMATIC SPRINKLER INCREASE:	506.3.3	N/A
ALLOWABLE BUILDING AREA : PER STORY Aa=At+[At x If]+[At x Is] =	506.1	62,000
ACTUAL AREA PER STORY (worst case):		N/A
MAXIMUM AREA OF BUILDING ALLOWED:		N/A - BASE AREA > REQURED
ACTUAL AREA OF BUILDING		47,130 SF SF
HEIGHT — GENERAL HEIGHT LIMITATION:	TABLE 504.3 / 504.4	75' / 3 STORIES
HEIGHT MODIFICATIONS:	SECTION 504	N/A
HEIGHT:	504.3	N/A
NUMBER OF STORIES:	504.4	N/A
MAXIMUM HEIGHT OF BUILDING:	504.2	N/A - BASE HEIGHT > REQUIRED
ACTUAL HEIGHT OF BUILDING:		(+/-) ' 32 - 0" / 2 STORY EXISTNG
PODIUM - HORIZONTAL ASSEMBLY 510.2		N/A
FIRE RESISTANCE RATING OF BUILDING ELEMENTS :	TABLE 601	
FIRE RESISTANCE — STRUCTURAL FRAME (req. / provided):		EXISTING
EXTERIOR BEARING WALLS:		EXISTING
INTERIOR BEARING WALLS:		EXISTING
EXTERIOR NON-BEARING WALLS:	TABLE 602	
F.S. - LESS THAN < 5-0" (feet):		N/A
F.S. BETWEEN 5'-0" to 10'-0" (feet):		N/A
F.S. BETWEEN 10'-0" to 30'-0" (feet):		N/A
F.S. GREATER THAN > 30'-0" (feet):		0 - HR
INTERIOR NON-BEARING WALLS:		0 - HR
FLOOR CONSTRUCTION:		SLAB ON GRADE
ROOF CONSTRUCTION:		EXISTING
ROOF CLASSIFICATION / MATERIAL PROVIDED:	SECTION 1505	EXISTING
SHAFT ENCLOSURES:	SECTION 713	N/A
FIRE BARRIERS:	SECTION 707.3.10	N/A
FIRE WALLS:	SECTION 706	N/A
OCCUPANCY AND USE SEPARATION :	SECTION 420	N/A
MIXED USE AND SEPARATION (yes/no / Non-Sep/Separated):	SECTION 508	N/A
ACCESSORY OR INCIDENTAL USES:508.2 / 509		N/A
HORIZONTAL SEPARATION (if Separated):	TABLE 508.4/711.2.4.1	N/A
:		
STAIRS (open / enclosed):	1011	EXISTING
STAIR WIDTH (min req./min. provided):	1011.2 / 1024.2	36" / > 36" PROVIDED
NUMBER OF FLOORS CONNECTED:		1
ENCLOSURE FIRE RATING:	1023.2 / 1027.6	N/A
NUMBER OF EXITS (min/provided):	1006.3	1
EXTEND TO EXIT DISCHARGE OR PUBLIC WAY:1023.3		N/A
ELEVATOR LOBBIES REQUIRED (yes / no / n/a):	3006	N/A
FLOOR LOCATIONS:		N/A
NUMBER OF FLOORS CONNECTED:		N/A
ELEVATOR ENCLOSURE FIRE RATING:	713.4	N/A
FIRE PROTECTION SYSTEM:		
SPRINKLER SYSTEM- (Y/N)	420.5	YES
CLASS: NFPA-13 (903.3.1.1) / NFPA-13R (903.3.1.2):		NFPA-13
STANDPIPES REQUIRED (YES / NO):	905.2	NO
STANDPIPES TYPE - PER NFPA 14 (wet / dry):	905.3.1WET / CLASS-I	N/A
SMOKE DETECTION/FIRE ALARM SYSTEMS:420.5 / 903.4		YES
SMOKE CONTROL SYSTEMS:SECTION 909		
FIRE EXTINGUISHERS (building):	906 / NFPA 10	PROVIDED AT MAX 75' TRAVEL
FIRE EXTINGUISHERS (each unit):	906 / NFPA 10	
SMOKE SEPARATION / DRAFTSTOPPING:		
FLOOR CAVITY (yes/no):	718.3.2	NO - NFPA 13 SPRINKLER PROVIDED
ATTIC AREA (yes/no):	718.4.2	NO
ATTIC VENTILATION REQUIRED (y/n - mech./passive):		N/A
EXITS REQUIRED:		
BUILDING EXITS (per floor min./provided):	1006 / 1006.3.1	2 / 5
HORIZONTAL EXITS (<50% of req. exits):	1026.1	0
TRAVEL DISTANCE (unit to exit - max./provided):	1017.2	(F-1) 250' / (SEE L.S. PLANS)
DEAD END CORRIDOR (max/provided):	1020.4	50' / (SEE L.S. PLANS)
UNITS OF EGRESS (req/provided):	1005.1	0.15" PER PERSON / (SEE L.S. PLANS)
EXIT PASSAGEWAYS (min width)	SECTION 1024	44" min.
BREEZEWAY FIRE RESISTANCE RATING:	TABLE 1020.1	N/A
CORRIDOR WIDTH (min/provided):	TABLE 1020.2	44" / 60"

Table 703.4.3— Braille Dimensions

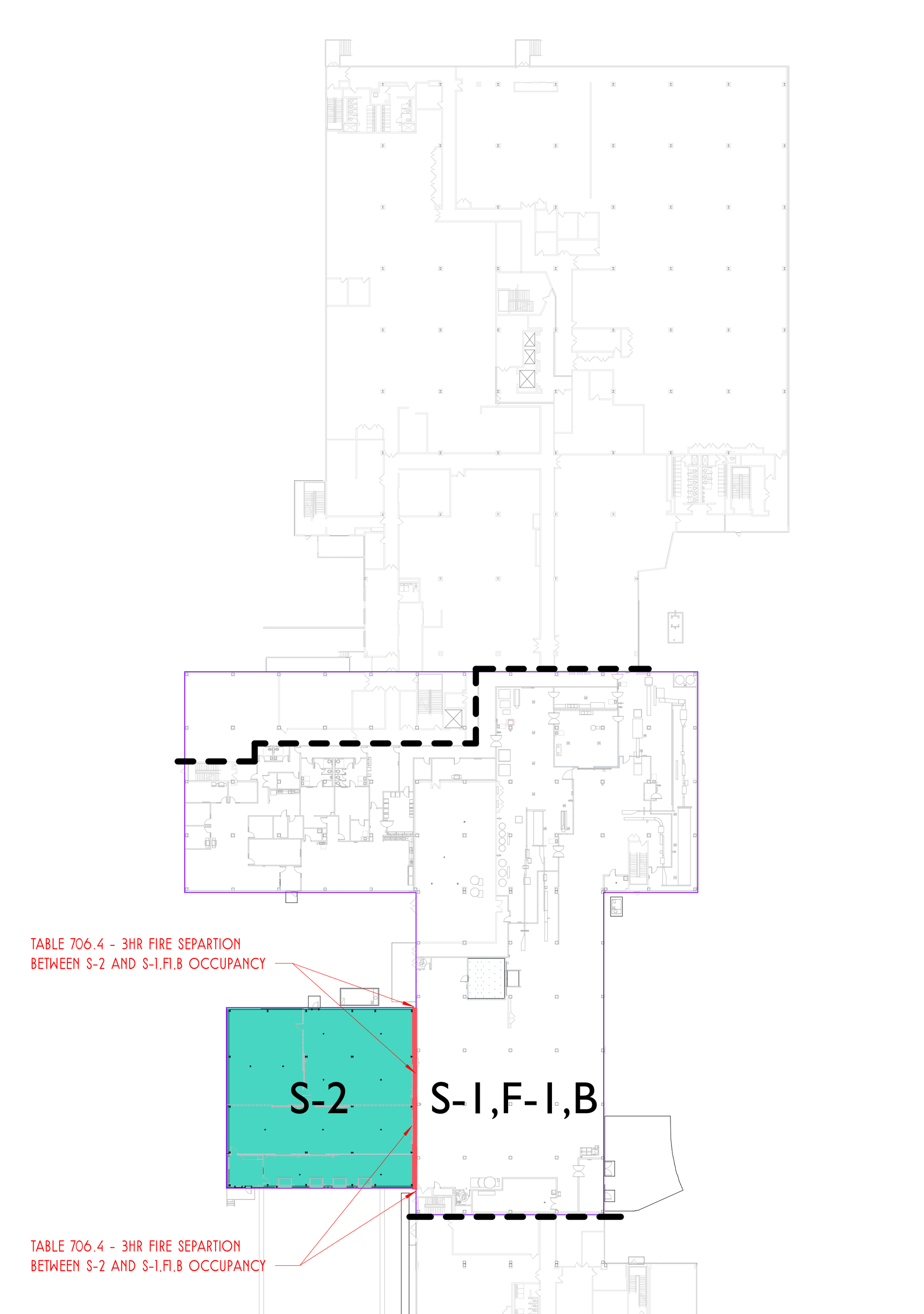
Measurement range	Minimum in inches Maximum in inches
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell	0.090 (2.3 mm) to 0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells[1]	0.241 (6.1 mm) to 0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below[1]	0.395 (10.0 mm) to 0.400 (10.2 mm)

[1]Measured center to center



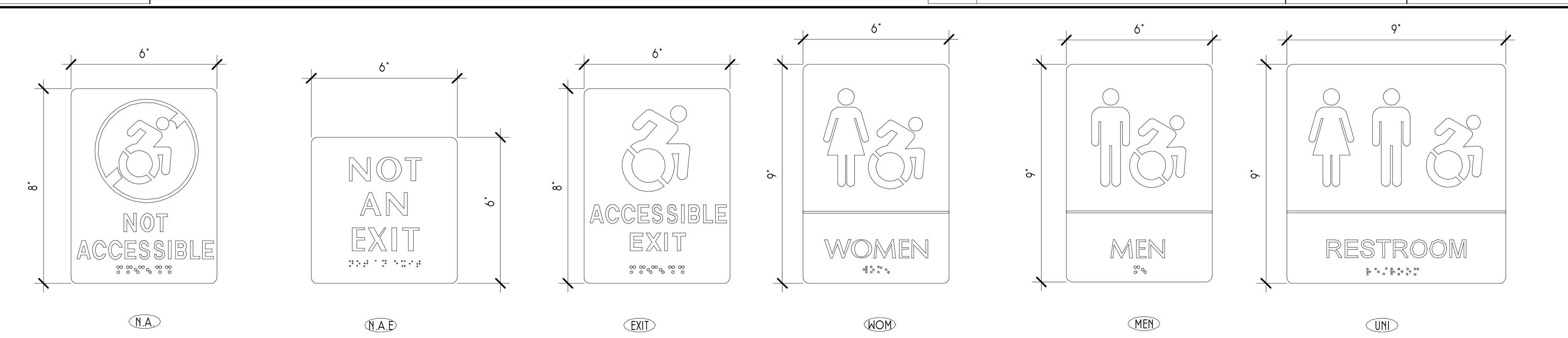
3 Signage Standards

3/4" = 1'-0"



2 Key Plan Showing Firewall S vs F Occupancy

1/64" = 1'-0"
A201



TACTILE SIGNS TO BE MOUNTED IN ACCORDANCE WITH ANSI-A117.1-2003. FOR ADDITIONAL INFORMATION SEE BELOW

ALL SIGNAGE SHOWN FOR CODE COMPLIANCE ONLY. FINAL SIGNAGE NAMES, COLORS, ETC TO BE SELECTED BY OWNER, SO LONG AS THEY COMPLY WITH ADA AND ANSI REQUIREMENTES.

Signage Life Safety

3" = 1'-0"

STAMP

SYVERTSEN RIGOSU architects
Six Chelsea Place
Clifton Park NY 12065
T: 518.348.1151
www.SArch3D.com

ARCHITECT

Revision Schedule

#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

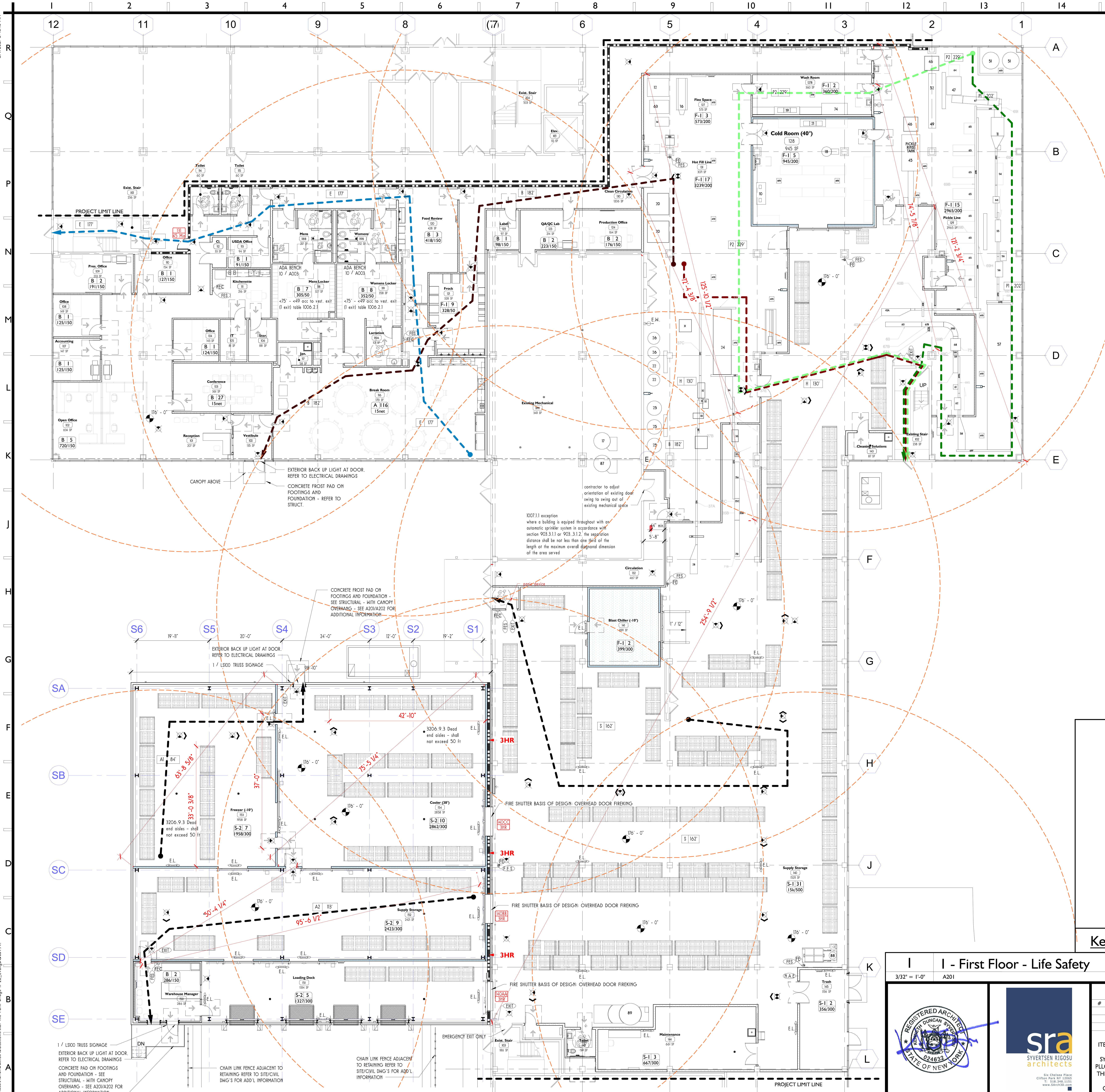
PROJECT INFORMATION

Life Safety Summary

SHEET TITLE

LS100

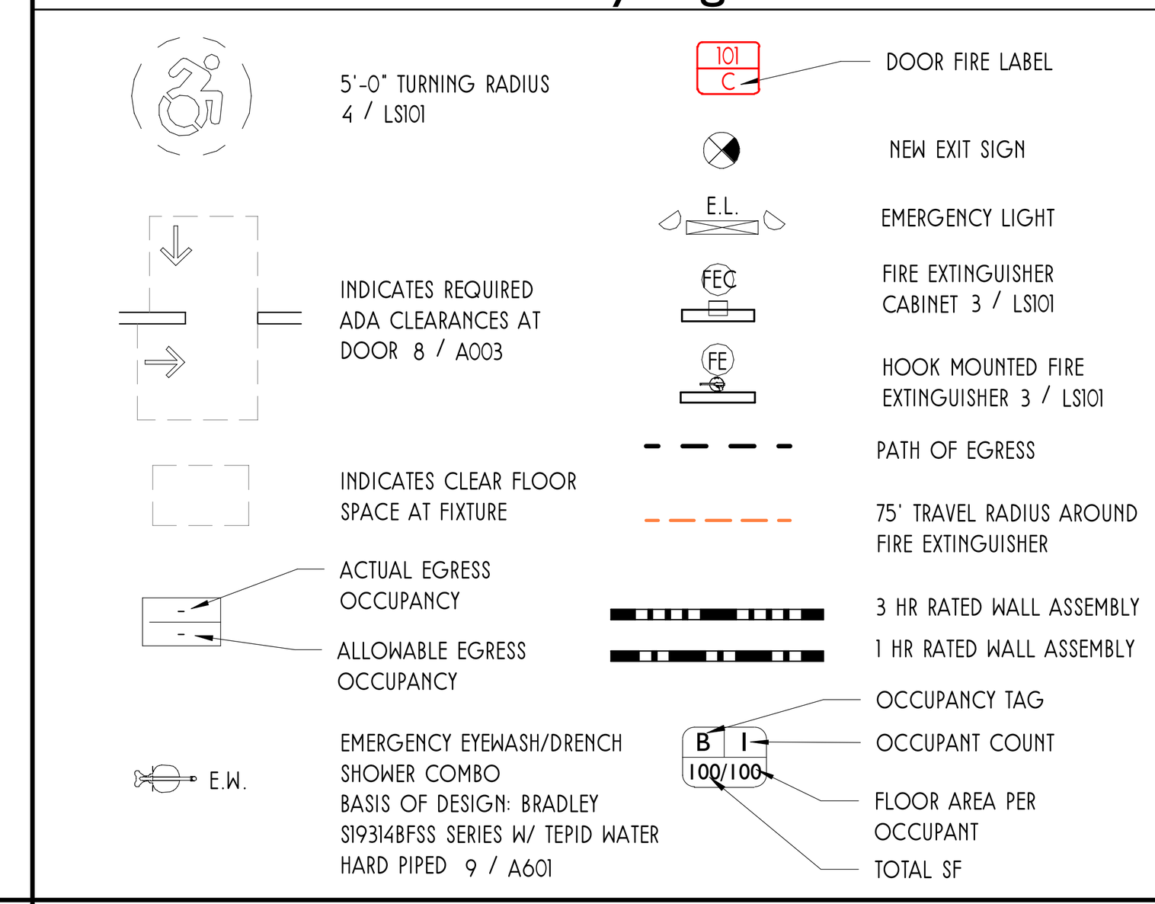
SHEET NUMBER

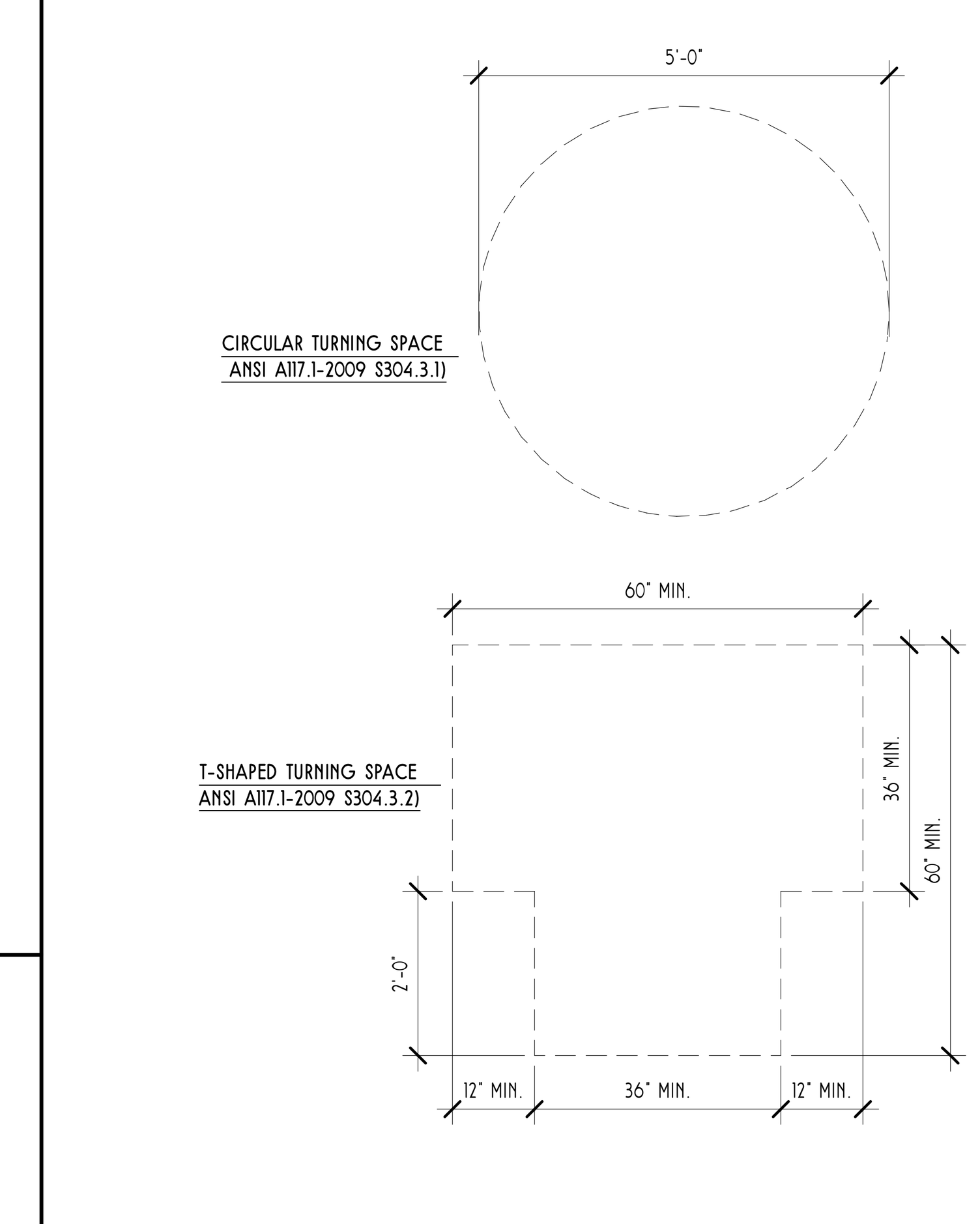

PROJECT LIMIT LINE
Exist. Stair
Toilet
Office
Pres. Office
Accounting
Open Office
Reception
Conference
Kitchenette
Mens
Womens
Mens Locker
Womens Locker
USDA Office
ADA BENCH
Break Room
Lactation
Food Review
Label
QA/QC Lab
Production Office
Clean Circulation
Wash Room
Flex Space
Cold Room (40°)
Hot Fill Line
Pickle Line
Existing Mechanical
Existing Stair
Blast Chiller (-10°)
Circulation
Freezer (-10°)
Cooler (38°)
Supply Storage
Loading Dock
Warehouse Manager
Maintenance
Trash
EXTERIOR BACK UP LIGHT AT DOOR. REFER TO ELECTRICAL DRAWINGS
CANOPY ABOVE
CONCRETE FROST PAD ON FOOTINGS AND FOUNDATION - REFER TO STRUCT.
FIRE SHUTTER BASIS OF DESIGN: OVERHEAD DOOR FIREKING
3HR
EMERGENCY EXIT ONLY
CHAIN LINK FENCE ADJACENT TO RETAINING REFER TO SITE/CIVIL DWG'S FOR ADD'L INFORMATION
PROJECT LIMIT LINE

Path of Egress	
Exit Route	Distance
A1	84'
A2	113'
B	182'
E	177'
H	130'
P1	202'
P2	229'
S	162'

Occupancy Schedule	
Occupancy Classification	Occupant Load
A	116
B	64
F-1	53
S-1	36
S-2	31
	300

Life Safety Legend


5'-0" TURNING RADIUS 4 / LS101
INDICATES REQUIRED ADA CLEARANCES AT DOOR 8 / A003
INDICATES CLEAR FLOOR SPACE AT FIXTURE
ACTUAL EGRESS OCCUPANCY
ALLOWABLE EGRESS OCCUPANCY
E.W.
EMERGENCY EYEWASH/DRENCH SHOWER COMBO BASIS OF DESIGN: BRADLEY S19314BFSS SERIES W/ TEPID WATER HARD PIPED 9 / A601
101 C
DOOR FIRE LABEL
NEW EXIT SIGN
E.L.
EMERGENCY LIGHT
FEC
FIRE EXTINGUISHER CABINET 3 / LS101
FE
HOOK MOUNTED FIRE EXTINGUISHER 3 / LS101
PATH OF EGRESS
75' TRAVEL RADIUS AROUND FIRE EXTINGUISHER
3 HR RATED WALL ASSEMBLY
1 HR RATED WALL ASSEMBLY
B 1
100/100
OCCUPANCY TAG
OCCUPANT COUNT
FLOOR AREA PER OCCUPANT
TOTAL SF

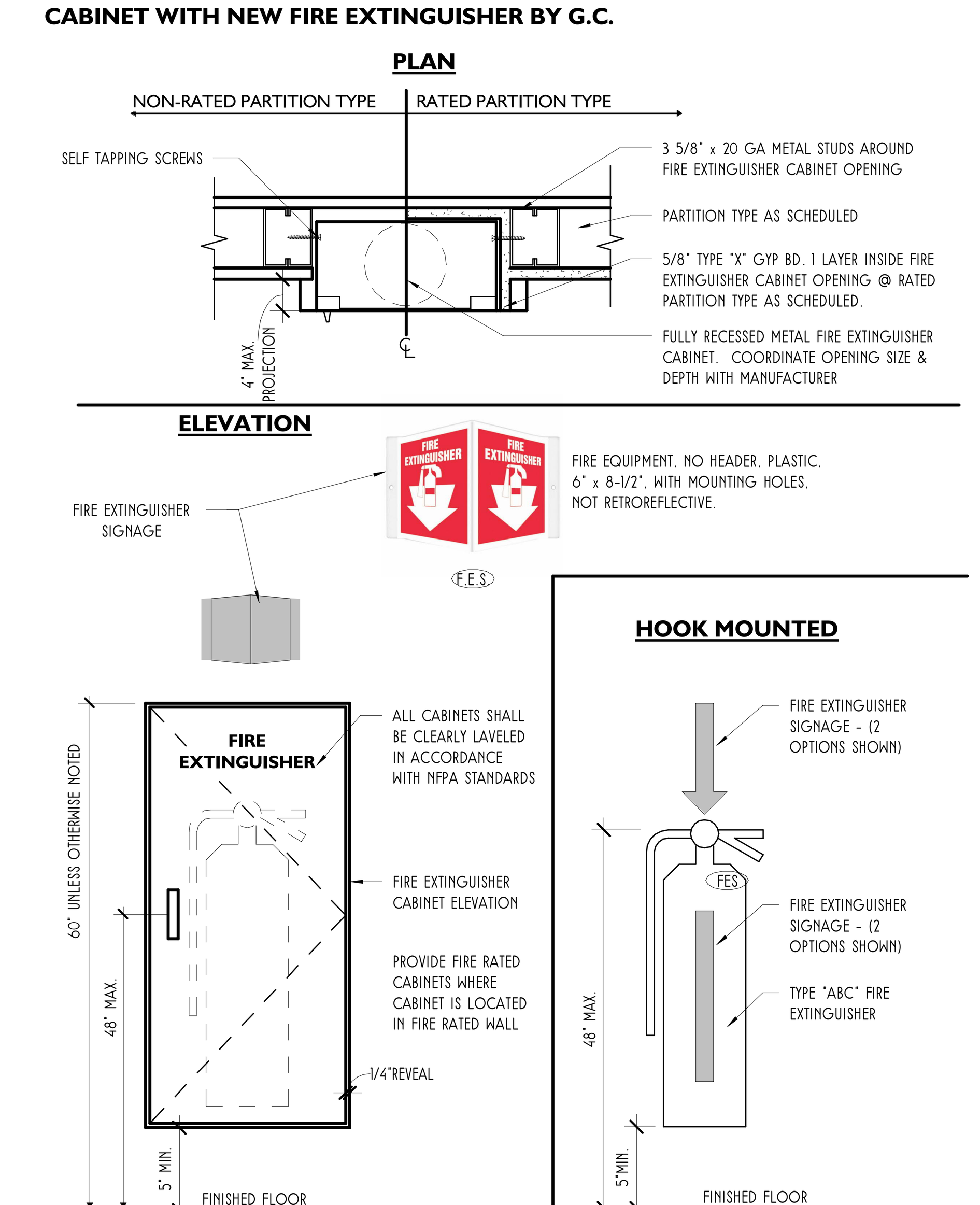


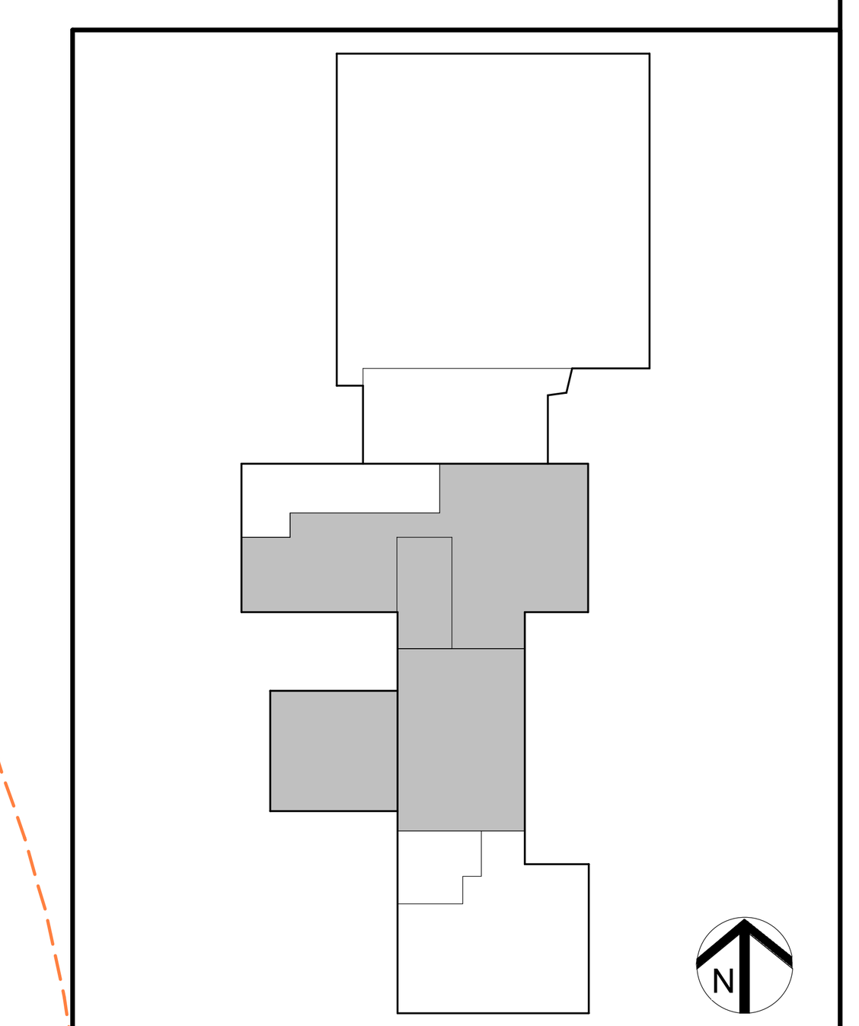
2603.4.2 COOLER AND FREEZER WALL
FOAM PLASTIC INSTALLED IN A MAXIMUM THICKNESS OF 10 INCHES (254MM) IN COOLER AND FREEZER WALLS SHALL:

1. HAVE A FLAME SPREAD INDEX OF 25 OR LESS AND SMOKE DEVELOPED INDEX OF NOT MORE THAN 450 WHERE TESTED IN A MINIMUM 4-INCH THICKNESS
2. HAVE FLASH IGNITION AND SELF INGTION TEMPERATRES OF NOT LESS THAN 600 DEGREES FARENHEIT AND 800 DEGREES FARENHEIT RESPECTIVELY
3. HAVE A COVERING OF NOT LESS THAN 0.032 INCH ALUMINUM OR CORROSION RESISTAN STEEL HAVING A BASE METAL THICKNESS NOT LESS THAN 0.0160 INCH AT ANY POINT
4. BE PROTECTED BU AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 WHERE THE COOLER AND FREEZER IS WTIHIN A BUILDING, BOTH THE COOLER OR FREEZER AND THAT PART OF THE BUILDING IN WHICH IT IS LOCATED SHALL BE SPRINKLERED

4 Turning Requirement
1/2" = 1'-0"

GENERAL NOTE:
CONTRACTOR TO COORDINATE FINAL SIZE OF CABINET WITH NEW FIRE EXTINGUISHER BY G.C.


PLAN
NON-RATED PARTITION TYPE
RATED PARTITION TYPE
SELF TAPPING SCREWS
3 5/8" x 20 GA METAL STUDS AROUND FIRE EXTINGUISHER CABINET OPENING
PARTITION TYPE AS SCHEDULED
5/8" TYPE "X" GYP BD. 1 LAYER INSIDE FIRE EXTINGUISHER CABINET OPENING @ RATED PARTITION TYPE AS SCHEDULED.
FULLY RECESSED METAL FIRE EXTINGUISHER CABINET. COORDINATE OPENING SIZE & DEPTH WITH MANUFACTURER
4" MAX. PROJECTION
ELEVATION
FIRE EXTINGUISHER SIGNAGE
FIRE EQUIPMENT, NO HEADER, PLASTIC, 6" x 8-1/2", WITH MOUNTING HOLES, NOT RETROREFLECTIVE.
F.E.S.
FIRE EXTINGUISHER
ALL CABINETS SHALL BE CLEARLY LAVELED IN ACCORDANCE WITH NFPA STANDARDS
FIRE EXTINGUISHER CABINET ELEVATION
PROVIDE FIRE RATED CABINETS WHERE CABINET IS LOCATED IN FIRE RATED WALL
1/4"REVEAL
60" UNLESS OTHERWISE NOTED
48" MAX.
5" MIN.
FINISHED FLOOR
HOOK MOUNTED
FIRE EXTINGUISHER SIGNAGE - (2 OPTIONS SHOWN)
FES
TYPE "ABC" FIRE EXTINGUISHER



Keyplan (Not to Scale)

1 | 1 - First Floor - Life Safety
3/32" = 1'-0" | A201

3 | Typical Fire Extinguisher Details
1 1/2" = 1'-0"

STAMP

ARCHITECT

SYVERTSEN RIGOSU architects
Six Chelsea Place
Clifton Park NY 12065
T: 518.348.1151
www.SArch3D.com

Revision Schedule		
#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

First Floor Life Safety Plan

SHEET TITLE

LS101

SHEET NUMBER

6/3/2021 3:45:59 PM

GENERAL NOTES

1. THESE DRAWINGS ESTABLISH A PERFORMANCE SPECIFICATION. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THESE DRAWINGS.
2. THE DESIGN IS BASED ON THE 2020 BUILDING CODE OF NEW YORK STATEAND ALL SUBSEQUENT SUPPLEMENTS.
3. DIMENSIONS TO, OF, AND IN EXISTING STRUCTURES INDICATE EXISTING CONDITIONS AS KNOWN AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND APPROVED PRIOR TO THE START OF CONSTRUCTION.
4. DO NOT CHANGE THE SIZE OR SPACING OF STRUCTURAL ELEMENTS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
5. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
6. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY.
7. THE DESIGN, ADEQUACY, AND SAFETY OF BRACING, SHORING, OR TEMPORARY SUPPORTS REQUIRED TO MAINTAIN STRUCTURAL STABILITY AND SUPPORT CONSTRUCTION LOADS WHICH ARE NOT SPECIFICALLY DETAILED ON THESE DRAWINGS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL MONITOR THE EXISTING STRUCTURE DURING CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF AREAS EXHIBITING DISTRESS OR FAILURE.
9. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR WITH FAILURE TO LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE PRE-APPROVAL BY THE ENGINEER.
11. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE AND COORDINATE HIS/HER WORK WITH THE WORK OF OTHERS.
12. VERIFY THE SIZE AND LOCATION OF OPENINGS PRIOR TO BEGINNING WORK.
13. THE FRAMING HAS BEEN DESIGNED FOR THE WEIGHT OF EQUIPMENT SHOWN ON THE STRUCTURAL DRAWINGS. IF ACTUAL WEIGHT OF EQUIPMENT EXCEEDS THAT SHOWN OR IF EQUIPMENT NOT SHOWN EXCEEDS 500 POUNDS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

SHOP DRAWING SUBMITTALS

1. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW WITH ALL REQUIRED INFORMATION AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS, PRIOR TO ANY FABRICATION.
2. NO PORTION OF THE STRUCTURAL DRAWINGS SHALL BE REPRODUCED FOR USE AS SHOP DRAWINGS.
3. ALL DIMENSIONS SHALL BE COORDINATED BY THE CONTRACTOR AND/OR THE DETAILER. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO SUBMITTAL OF SHOP DRAWINGS.
4. DETAILER SHALL USE THE SAME GRID IDENTIFICATIONS AS THOSE SHOWN ON THE CONTRACT DRAWINGS.
5. ALL SHOPS SHALL BE SUBMITTED PRIOR TO PROCEEDING WITH ANY ASSOCIATED WORK AND SHALL ALLOW FOR SUFFICIENT REVIEW TIME .
6. SHOP DRAWINGS SHALL BE SUBMITTED WITH CONTRACTOR'S STAMP OF APPROVAL, CERTIFYING THE CONTRACTOR HAS COORDINATED AND VERIFIED ALL DIMENSIONS, MATERIALS, AND ANY ADDITIONAL INFORMATION AFFECTING STRUCTURAL WORK. THE CONTRACTOR'S REVIEW INCLUDES, BUT IS NOT LIMITED TO, COORDINATION AND VERIFICATION OF ACTUAL FIELD CONDITIONS, DIMENSIONS, ELEVATIONS, AND SUPPORTS AND OPENING FOR ACTUAL EQUIPMENT PURCHASED.
7. SHOP DRAWINGS NOT COMPLYING WITH THE ABOVE REQUIREMENTS SHALL BE RETURNED FOR CORRECTION WITHOUT REVIEWING.
8. RESUBMITTED SHOP DRAWINGS SHALL INCLUDE ALL CHANGES ON THE DRAWINGS CLOUDED AND MARKED WITH REVISION TAG NUMBER.
9. CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.

FOUNDATION AND SOIL PREPARATION NOTES

1. THE FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICALREPORT FOR BUILDING ADDITION AT FARM BRIDGE, KINGSTON, NEW YORK BY DANIEL G. LOUCKS, P.E. GEOTECHNICAL ENGINEERING DATED FEBRUARY 9, 2021. BEARING STRATUM FOR FOUNDATIONS SHALL BE VERIFIED IN FIELD BY THE GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE FOOTINGS AND DRILLED PIERS.
2. THE CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT AND BORING LOGS DURING THE BIDDING PHASE OF THE PROJECT.
3. BEAR ALL FOOTINGS ON COMPACTED STRUCTURAL FILL OR NATIVE UNDISTURBED SOIL AS APPROVED BY THE GEOTECHNICAL ENGINEER. SOIL BEARING SURFACES, PREVIOUSLY ACCEPTED BY THE OWNER'S REPRESENTATIVE, WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN OR DISTURBED SHALL BE REWORKED TO SATISFACTION OF THE OWNER'S REPRESENTATIVE. THE FOOTINGS HAVE BEEN DESIGNED FOR A NET ALLOWABLE SOIL BEARING PRESSURE = 2500 PSF.
4. BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 4'-0" BELOW FINAL FINISHED GRADE. ADJUST FOOTING ELEVATIONS AS REQUIRED TO MAINTAIN MINIMUM FROST COVER.
5. PROVIDE POSITIVE DRAINAGE FOR ALL TRENCHES DURING CONSTRUCTION. DO NOT ALLOW ANY PONDING OF WATER DURING CONSTRUCTION.
6. DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND. DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.
7. THE SOIL BENEATH THE BUILDING AND 5 FEET AROUND THE PERIMETER SHALL BE TREATED AS FOLLOWS:
   - A. STRIP THE AREA OF ALL VEGETATION.
   - B. PERFORM ALL CUT OPERATIONS.
   - C. ALL EXISTING SOIL CONTAINING GRAVEL, CONSTRUCTION OR DEMOLITION DEBRIS, ORGANIC SUBSTANCES, OR OTHER FOREIGN OBJECTS AND A MINIMUM OF 2 FEET BELOW BOTTOM OF SLAB SHALL BE REMOVED FROM THE REGION WITHIN THE FOOTPRINT OF THE STRUCTURE.
   - D. THE EXPOSED SUBGRADES SHOULD BE PROOF ROLLED USING A SMOOTH DRUM VIBRATORY ROLLER WITH A STATIC WEIGHT OF AT LEAST 10 TONS. THE ROLLER IN VIBRATORY MODE SHOULD COMPLETE AT LEAST SIX PASSES OVER THE SUBGRADE AT A SPEED NOT EXCEEDING 3 FEET PER SECOND. ANY AREAS WHICH PUMP OR WEEK SHOULD BE UNDERCUT BY A MINIMUM OF 12 INCHES AND STABILIZED WITH STRUCTURAL FILL.
   - E. THE FILL REQUIRED TO RAISE THE BUILDING TO BENEATH THE FLOOR SLAB SHALL BE SELECT (STRUCTURAL) FILL. THE SELECT FILL SHALL HAVE A PLASTICITY INDEX BETWEEN 4 AND 12 AND A LIQUID LIMIT LESS THAN 40. PLACE ALL SELECT FILL IN 8-INCH LOOSE LIFTS AND COMPACT TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY PER THE MODIFIED PROCTOR TEST.
   - F. ALL SLABS-ON-GRADE SHALL BEAR ON A BASE COURSE OF CLEAN, COMPACTED CRUSHED STONE A MINIMUM OF 6" THICK. THE CRUSHED STONE SHALL BE A 50:50 MIX OF NYSDOT NO.1 AND NO. 2 CRUSHED STONE. THE STONE SHOULD BE UNDERLAIN BY A 6 OUNCE PER SQUARE YARD OR HEAVIER, NON-WOVEN FILTER FABRIC WITH AN APPARENT OPENING SIZE OF EQUAL TO OR SMALL THAN THE US STANDARD SIEVE SIZE OF 100.
   - G. EACH LIFT SHALL BE TESTED FOR MOISTURE CONTENT AND IN PLACE DENSITY AT A RATE OF ONE TEST PER 3,000 SQUARE FEET (MINIMUM OF THREE PER LIFT).
   - H. REFER TO THE SPECIFICATIONS FOR ADDITIONAL SOIL PREPARATION NOTES.
8. STRUCTURAL FILL AND SELECTED FILL: SOUND, DURABLE, SAND, GRAVEL, STONE, OR BLENDS OF THESE MATERIALS, FREE FROM ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIALS, AND MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE	PERCENT PASSING
4"	100
NO. 40	0 – 70
NO. 200	0 - 10

   - A. FINES PASSING NO. 200 SHALL BE NON-PLASTIC.
   - B. PARTICLE SIZE ANALYSIS SHALL SHOW **NO** GAP GRADING.

CAST-IN-PLACE CONCRETE NOTES

1. CONCRETE FOR FOUNDATIONS SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 4,000 PSI, TYPE A OR D WATER REDUCING AGENT AND A 4-5" SLUMP. FLY ASH SHALL NOT BE USED WITHOUT THE APPROVAL OF THE ENGINEER .
2. CONCRETE FOR THE CAST IN PLACE FLOOR SLAB SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3,500 PSI, MID OR HIGH RANGE WATER REDUCING AGENT AND A 5-6" SLUMP. 20% OF CLASS F FLY ASH MAY BE USED WITH THE APPROVAL OF THE ENGINEER AND THE CONCRETE FINISHER/CONTRACTOR BEFORE BIDDING.
3. CONCRETE FOR EXTERIOR SLAB-ON-GRADES SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 4,500 PSI, TYPE A OR D WATER REDUCING AGENT AND A 4-5" SLUMP. FLY ASH SHALL NOT BE USED WITHOUT THE APPROVAL OF THE ENGINEER.
4. BUILDING CONCRETE SHALL HAVE MAXIMUM WATER TO CEMENT RATIOS AS FOLLOWS:
   - A. 3,500 PSI CONCRETE - 0.50
   - B. 4,000 PSI CONCRETE - 0.46
   - C. 4,500 PSI CONCRETE - 0.42
5. PLACEMENT OF CONCRETE SHALL BE IN CONFORMANCE WITH ACI 117-06 "SPECIFICATION FOR TOLERANCE FOR CONCRETE AND MATERIALS AND COMMENTARY".
6. IF THE AIR TEMPERATURE IS GREATER THAN 90 DEGREES WITHIN 24 HOURS AFTER PLACEMENT, HOT WEATHER CONCRETE PROCEDURES SHALL BE USED. THE CONTRACTOR SHALL SUBMIT A PROCEDURE TO THE ENGINEER FOR APPROVAL. THESE PROCEDURES MAY INCLUDE THE FOLLOWING:
   - A. PLACING THE CONCRETE IN THE EARLY MORNING HOURS
   - B. THE USE OF EVAPORATION REDUCER (SEE BELOW)
   - C. THE USE OF MISTING AS A CURING METHOD
   - D. THE USE OF WET BLANKETS AS A CURING METHOD
   - E. THE USE OF A RETARDING ADMIXTURE (NOT PREFERABLE)
7. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE STANDARDS "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301), LATEST EDITIONS. SPLICES IN REINFORCEMENT SHALL MEET CLASS B TENSION LAP REQUIREMENTS UNLESS NOTED OTHERWISE.
8. COVER FOR ALL REINFORCEMENT SHALL MEET THE COVERAGE REQUIREMENTS AS SHOWN IN THE LATEST ACI 318 OR AS SHOWN ON THE DETAILS. COVER DIMENSIONS SHOWN ON THE DETAILS CONTROL OVER ACI.
9. ANY CONCRETE TO BE PLACED FURTHER THAN 16 FEET FROM THE END OF A CONCRETE TRUCK SHALL BE PUMPED WITH A COMMERCIAL CONCRETE PUMPING TRUCK OR OTHER PLACEMENT METHOD APPROVED BY THE ENGINEER. THE CONCRETE TRUCK SHALL NOT BE ALLOWED TO DRIVE OVER THE SUBGRADE OR THE SLAB REINFORCEMENT.
10. REINFORCING STEEL SHALL BE DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60. #4 REINFORCEMENT BARS AND SMALLER SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED IN THE FIELD. REINFORCEMENT GREATER THAN A #4 BAR MAY NOT BE BENT IN THE FIELD WITHOUT APPROVAL OF THE ENGINEER.
11. PROVIDE CORNER BARS IN STRIP FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT UNLESS NOTED OTHERWISE.
12. WHERE REQUIRED, STEP NEW FOOTINGS UP OR DOWN IN RATIO OF TWO HORIZONTALS TO ONE VERTICAL TO MATCH BEARING ELEVATION OF EXISTING FOOTINGS. CAST STEPPED FOOTINGS MONOLITHICALLY.
13. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3" OF BOTTOM OF FOOTING, TERMINATED WITH ACI STD. 90 DEGREE HOOK, UNLESS NOTED OTHERWISE.
14. PROVIDE A ROUGH CONCRETE SURFACE (1/4" MINIMUM AMPLITUDE) AT THE INTERSECTION OF CONCRETE WALLS, STEM WALLS, AND PILASTERS WITH THE TOP OF FOOTINGS. DO NOT PROVIDE A KEYWAY UNLESS SHOWN OR NOTED ON THE DRAWINGS.
15. PROVIDE 3/4" x 3/4" CHAMFER AT ALL EXPOSED CORNERS UNLESS NOTED OTHERWISE.
16. NO HOLES OR OPENINGS ARE PERMITTED THROUGH CONCRETE SLABS, BEAMS, OR WALLS EXCEPT AS FOLLOWS:
   - A. WHERE SHOWN AND AS DETAILED ON DRAWINGS.
   - B. MISCELLANEOUS HOLES THROUGH SLABS OR WALLS WHICH DO NOT DISPLACE MORE THAN ONE BAR. THESE HOLES DO NOT REQUIRE ADDITIONAL REINFORCEMENT.
17. LOCATE ADDITIONAL CONSTRUCTION JOINTS REQUIRED TO FACILITATE CONSTRUCTION AS ACCEPTABLE TO ENGINEER. LOCATE WALL CONSTRUCTION JOINTS AT MASONRY CONTROL JOINTS WHERE POSSIBLE. PLACE REINFORCEMENT CONTINUOUSLY THROUGH JOINT. DETAIL JOINT AND SHOW LOCATIONS AND DETAILS ON SHOP DRAWINGS.
18. CAST CONCRETE ON SLOPED SURFACES BEGINNING AT LOWEST ELEVATION AND CONTINUING MONOLITHICALLY TOWARD HIGHER ELEVATIONS UNTIL INTENDED POUR IS COMPLETE.
19. REINFORCING BARS, BAR SUPPORTS, AND SPACERS SHALL BE DETAILED AND PROVIDED IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL. USE WIRE-BAR SUPPORTS COMPLYING WITH CRSI SPECIFICATIONS. SUPPORTS SHALL NOT BE PLACED FURTHER THAN 4 FEET APART. DAYTON SUPERIOR PRODUCTS (800-745-3700) OR EQUAL UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS.
   - A. AT SLABS-ON-GRADE: (SLAB THICKNESS MINUS 1 1/2 INCHES) HIGH. USE SUPPORTS WITH SAND PLATES OR HORIZONTAL RUNNERS WHERE BASE MATERIAL WILL NOT SUPPORT CHAIR LEGS. CONCRETE BLOCK OR CLAY MASONRY MAY NOT BE USED.
   - B. AT FOOTINGS: 3 IN. HIGH. USE SUPPORTS WITH SAND PLATES OR HORIZONTAL RUNNERS WHERE BASE MATERIAL WILL NOT SUPPORT CHAIR LEGS. CONCRETE BLOCK OR CLAY MASONRY MAY NOT BE USED.
   - C. FOR EXPOSED TO VIEW CONCRETE SURFACES WHERE LEGS OF SUPPORTS ARE IN CONTACT WITH THE FORMS, PROVIDE SUPPORTS WITH LEGS THAT ARE PLASTIC PROTECTED (CRSI, CLASS 1) OR STAINLESS STEEL PROTECTED (CRSI, CLASS 2).
20. WHERE MASONRY VENEER IS LOCATED ADJACENT TO WALLS, STEM WALLS, COLUMNS AND GRADE BEAMS GREATER THAN 24 INCHES HIGH, PROVIDE FULL HEIGHT DOVETAIL SLOT INSERTS AT 2'-0" OC FOR MASONRY ANCHORS. PLACE ANCHORS AT 16" OC VERTICALLY.
21. ALL GRADE BEAM STEEL SHALL BE CONTINUOUS WHERE POSSIBLE. TOP BARS SHALL BE SPLICED AT THE CENTER OF THE SPAN, BOTTOM BARS OVER THE SUPPORTS, AND OTHER HORIZONTAL AND TEMPERATURE BARS AS REQUIRED. REFER TO THE DETAILS AND SCHEDULES FOR SPLICE LENGTHS.
22. ALL GRADE BEAMS SHALL BE FORMED ON BOTH SIDES WITH NO TRENCHING ALLOWED. FORMS SHALL BE EITHER PLYWOOD BOX FORMS OR STEEL FORMS WITH FORM TIES, WHALERS AND ADJUSTABLE BRACES. NO DIMENSIONAL LUMBER (2X12'S) SHALL BE USED FOR FORMING GRADE BEAMS. ANY PLYWOOD UNDER THE GRADE BEAM SHALL BE REMOVED.
23. SEE ARCHITECTURAL AND MECHANICAL/ELECTRICAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF DEPRESSED SLABS, FLOOR DRAIN LOCATIONS, PLATFORMS, CURBS, AND PADS.
24. USE THE FOLLOWING SEALERS ON ALL INTERIOR EXPOSED CONCRETE SURFACES WHICH DO NOT RECEIVE A STAIN, PAINT OR OTHER TYPE OF COATING:
   - A. EUCO DIAMOND HARD BY EUCLID
25. EVAPORATION REDUCERS SHALL BE USED AFTER EACH FINISHING OPERATION ON THE CAST IN PLACE CONCRETE FLOOR SLAB UNLESS PRIOR APPROVAL FROM THE ENGINEER HAS BEEN OBTAINED TO NOT USE. SEE SPECIFICATIONS FOR PRODUCT REQUIREMENTS.
26. SAWCUTS IN CONCRETE SLABS ON GRADE SHALL BE MADE AS SOON AS THE CONCRETE IS OF SUFFICIENT STRENGTH TO SAW WITHOUT RAVELING THE AGGREGATE. ANY TIME LAPSE GREATER THAN 8 HOURS AFTER PLACING THE CONCRETE SHALL BE PERMITTED ONLY IF APPROVED BY THE ENGINEER. FILL ALL INTERIOR JOINTS WITH MM-80 JOINT COMPOUND.
27. ADHESIVE ANCHORS WITH REBAR OR THREADED RODS SHALL BE AS NOTED BELOW. INSTALL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, WHICH INCLUDES CLEANING THE HOLE WITH AIR AND USING A MANUFACTURER APPROVED DISPENSING TOOL WITH MIXING NOZZLE.
   - A. INTO CONCRETE OR GROUTED CMU: HILTI HIT-HY200, SIMPSON SET HIGH STRENGTH EPOXY-TIE ANCHORING ADHESIVE OR APPROVED EQUAL.
   - B. INTO NON-GROUTED CMU: HILTI HIT HY 270 OR APPROVED EQUAL.
28. NO PIPING OR CONDUITS SHALL BE INSTALLED IN ANY CONCRETE WITHOUT THE APPROVAL OF THE ENGINEER.
29. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, PIPING, WATERSTOPS, INSERTS, GROUNDS, AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT. FOR EMBEDDED ITEMS AND REQUIRED DETAILS, SEE CIVIL, MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS. VERIFY SIZE AND LOCATION OF ALL OPENINGS.
30. ALL PIPING AND DUCT PENETRATIONS THROUGH NEW STRUCTURAL SLABS ARE TO BE SLEEVED OR CHASED. NO CORING OF SLAB IS PERMITTED. PIPING THROUGH EXISTING STRUCTURAL SLABS MAY BE CORED IF APPROVED BY ENGINEER.
31. THE VAPOR RETARDER INDICATED ON THE SECTIONS SHALL BE EITHER STEGO 15 MIL CLASS A VAPOR RETARDER OR VAPOR BLOCK 15 BY RAVEN INDUSTRIES. USE STEGO OR RAVEN TAPE ON ALL LAPS AND AROUND ALL PENETRATIONS.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION.
2. SHOP AND FIELD WELDED CONNECTIONS SHALL CONFORM TO THE AMERICAN WELDING SOCIETY "STRUCTURAL WELDING CODE", LATEST EDITION AND BE PERFORMED BY CERTIFIED WELDERS.
3. ANY CONNECTIONS WITHOUT WELD SYMBOLS SHALL BE AT A MINIMUM WELDED ALL AROUND WITH THE MINIMUM FILLET SIZE OR A PARTIAL PENETRATION BUTT WELD.
4. STRUCTURAL STEEL ANGLES, PLATES, C SHAPES ETC. SHALL CONFORM TO ASTM A36 REQUIREMENTS (36 KSI). STRUCTURAL STEEL W SHALL CONFORM TO ASTM A992 (50 KSI). STRUCTURAL TUBING AND PIPES SHALL CONFORM TO THE ASTM A500 GRADE B REQUIREMENTS (46 KSI).
5. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
   - A. ALL BOLTED CONNECTIONS ARE TO BE 3/4" MINIMUM DIAMETER A325 TYPE N OR SC BOLTS IN STANDARD HOLES UNLESS NOTED OTHERWISE ON DRAWINGS OR AS DETERMINED BY THE CONNECTION DESIGNER. DESIGN USING STANDARD HOLES UNLESS NOTED OTHERWISE OR REQUIRED FOR ERECTION.
   - B. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT SPECIFICALLY DETAILED, PROVIDE CONNECTION CAPACITY OF AT LEAST THAT REQUIRED BY PART 3 OF THE AISC MANUAL IN THE SECTION "MAXIMUM TOTAL UNIFORM LOAD TABLES" FOR LRFD DESIGN OR "ALLOWABLE LOADS ON BEAMS" FOR ALLOWABLE STRESS DESIGN. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
   - C. THE DESIGN SHEAR FOR EACH CONNECTION UNLESS NOTED ON THE DRAWINGS SHALL BE 110% OF THE REACTION FROM A UNIFORM LOAD OVER THE SPAN WHICH CREATES THE MAXIMUM DESIGN MOMENT FOR ROOF/FLOOR BEAM CONNECTIONS AND 180% FOR COMPOSITE FLOOR CONNECTIONS. THE MINIMUM REACTION SHALL BE 14 KIPS.
   - D. INDICATOR BOLTS EQUAL TO TENSION FOR CONTROL BOLTS OF THE LeJEUNE COMPANY OF BURNSVILLE, MINNESOTA (800-872-2658) SHALL BE USED.
   - E. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER. USE MINIMUM OF TWO 3/4" DIAMETER A325 BOLTS PER CONNECTION.

STEEL ROOF DECK NOTES

1. ROOF DECK SHALL BE TYPE N-20 GAGE AS SPECIFIED BY THE STEEL DECK INSTITUTE AND SHALL BE GALVANIZED. DECK SHALL BE WELDED TO SUPPORTS AT 6 INCHES OC AT LAPS AND ENDS, AND AT 12 INCHES OC SUPPORTS BETWEEN LAPS, WITH SIDELAP SCREWS AT MIDSPAN. DECK SHALL BE MODIFIED AS REQUIRED AT EDGE SUPPORTS PARALLEL TO THE RIBS SO THAT THE DECK CAN BE WELDED TO THE SUPPORT AT 24 INCHES OC. WELDS SHALL BE 5/8" PUDDLE WELDS WITH A MAXIMUM BURN-THROUGH OF 30 PERCENT AND WITH A MAXIMUM OF 10 PERCENT FAILING. ALL SCREWS SHALL BE TEKS BY ITW BUILDEX, OR APPROVED EQUAL. ALL SCREWS IN EXTERIOR WALLS SHALL BE ZINC PLATED WITH A TYPE II ASTM B 633 COATING.
2. FRAME ALL OPENINGS IN ROOF DECK 8" OR LARGER WITH A L3X3X1/4 ON ALL SIDES EXCEPT WHERE A SIDE MAY BE WITHIN 1'-0" OF ANOTHER FRAMING MEMBER, FOR METAL DECK SUPPORT. FRAMING IS NOT REQUIRED FOR ROOF OPENINGS SMALLER THAN 8".
3. VERIFY SIZE, LOCATION, AND NUMBER OF ROOF OPENINGS WITH MECHANICAL AND ELECTRICAL PLANS AND CONTRACTORS.

COLD-FORMED METAL FRAMING NOTES

1. ALL STUDS, JOISTS, AND RAFTERS SHALL BE STUD MEMBERS BY CLARK WITH A 1 5/8" FLANGE OR EQUAL, UNLESS NOTED OTHERWISE. TRACK MEMBERS SHALL HAVE THE SAME GAUGE AS THE STUD SPECIFIED; EXCEPT FOR LOAD BEARING STUDS, WHERE THE TRACKS SHALL BE A MINIMUM OF 16 GAUGE. WHERE GAUGE IS INDICATED ON DRAWINGS, THE FOLLOWING MILS THICKNESS SHALL BE USED: 12 GAUGE=97 MILS, 14 GAUGE=68 MILS, 16 GAUGE=54 MILS, 18 GAUGE=43 MILS, 20 GAUGE=33 MILS, 22 GAUGE=27 MILS. ALL SCREWS SHALL BE TEKS BY ITW BUILDEX OR EQUAL. ALL SCREWS IN EXTERIOR WALLS SHALL BE ZINC PLATED WITH A TYPE II ASTM B 633 COATING.
2. ALL MEMBERS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION.
3. ALL COLD ROLLED STEEL SHALL CONFORM TO ASTM A653 WITH A MINIMUM YIELD STRENGTH OF 50 KSI FOR 16 GAUGE AND LOWER, AND 33 KSI FOR 18 GAUGE AND HIGHER.
4. ALL FRAMING MEMBERS SHALL BE SQUARE CUT FOR A SNUG FIT TO THE ATTACHING MEMBERS. AXIALLY LOADED STUDS SHALL BE INSTALLED TO INSURE THAT THE ENDS ARE SQUARE AND TOUCH THE RUNNERS. ANY STUDS WHICH DO NOT BEAR DIRECTLY ON THE RUNNERS SHALL HAVE A 14 GAGE CLIP ANGLE ADDED TO THE SIDE OF THE STUD.
5. INSTALL HORIZONTAL BRIDGING IN ALL STUDS AT 4 FT OC. ALL RAFTERS AND CEILING JOISTS SHALL HAVE BRIDGING AT THE MIDPOINT OR AT 8FT OC MAX.
6. NO SPLICING OF STUDS OR RAFTERS IS ALLOWED.
7. PROVIDE FLAT STRAP BOTTOM BRIDGING AT LEAST 1 INCH WIDE BY 12 GAUGE AT THE MIDSPAN OF SPANS 16 FT OR LESS AND AT THE THIRD POINTS OF GREATER SPANS. BRIDGING SHALL BE SCREWED TO THE BOTTOM OF THE JOISTS WITH AT LEAST TWO #12 TEK SCREWS. ANY TOP FLANGE BRIDGING REQUIRED FOR ERECTION SHALL BE INSTALLED AS REQUIRED.
8. CLIPS, HOLDDOWNS, AND JOIST HANGERS SHALL BE EQUAL TO SIMPSON CONNECTORS AND SHALL BE INSTALLED ACCORDING TO THE SPECIFICATIONS OF SIMPSON STRONG-TIE COMPANY, INC. (800-999-5099). ALL OPTIONAL HOLES (TRIANGLE, OBLONG, AND DIAMOND) SHALL BE FILLED WITH SCREWS.
9. SOLE PLATES SHALL BE BOLTED TO THE FOUNDATION WITH THE EQUAL TO EITHER SIMPSON EPOXY-TIES (5" MIN EMBEDMENT), SIMPSON SSTB16 ANCHOR BOLTS, 1/2 INCH DIAMETER x 10 INCH LONG J-BOLTS. ANCHOR BOLTS SHALL BE SPACED AT 24 INCHES OC MAX. SOLE PLATES MAY ALSO BE RAMSET TO THE FOUNDATION AT 12 INCHES OC. CONSULT HILTI OR SIMPSON FOR RECOMMENDED SYSTEM AND PIN SPECIFICATIONS OF POWDER DRIVEN NAILS. ALL POWDER DRIVEN NAILS SHALL BE INSTALLED BY PERSONS TRAINED AND LICENSED. ATTACH TO THE FOUNDATION WITHIN 12 INCHES OF THE END OF A BOTTOM TRACK MEMBER.
10. ALL CONNECTIONS FROM LIGHTGAUGE STUDS TO STRUCTURAL STEEL OR METAL DECK SHALL BE MADE USING THE EQUAL OF A VERTICLIP (1-888-474-4876) USING THE FOLLOWING APPLICATIONS:
    - A. EXTERIOR LOAD BEARING OR NON LOAD BEARING STUD TO BEAM, OR FLOOR: SLS OR SLB.
    - B. EXTERIOR NON LOAD BEARING STUD TO METAL DECK: SL OR VTX.

STRUCTURAL ABBREVIATIONS

ADDL	ADDITIONAL
ADJ	ADJACENT
APPROX	APPROXIMATE
ARCH	ARCHITECT, ARCHITECTURAL
B/	BOTTOM OF
BLDG	BUILDING
BP	BASEPLATE
BRG	BEARING
CANT	CANTILEVER
CFMF	COLD-FORMED METAL FRAMING
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
DIA, Ø	DIAMETER
DIM	DIMENSION
DN	DOWN
do	DITTO
DWG	DRAWING
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED	EMBEDMENT
ENGR	ENGINEER
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FDN	FOUNDATION
FTG	FOOTING
GA	GAGE
GALV	GALVANIZED
HI	HIGH
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STEEL SECTION
HVAC	HEATING/VENTILATING/AIR CONDITIONING
INFO	INFORMATION
INT	INTERIOR
INV	INVERT
K	KIP=1000 LBS
L	ANGLE
LBS	POUNDS
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LO	LOW
LOC	LOCATION
LP	LOW POINT
LVL	LAMINATED VENEER LUMBER
LW	LIGHT WEIGHT

MANUF	MANUFACTURER
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NW	NORMAL WEIGHT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
PAF	POWER-ACTUATED FASTENER
PC	PRECAS
PCF	POUNDS PER CUBIC FOOT
PE	PROFESSIONAL ENGINEER
PERP	PERPENDICULAR
PL	PLATE
PLF	POUNDS PER LINEAL FOOT
PSF	POUNDS PER SQUARE FOOT
PSL	PARALLEL STRAND LUMBER
PT	PRESSURE TREATED
R	RADIUS
RD	ROOF DRAIN
RDP	REGISTERED DESIGN PROFESSIONAL
REINF	REINFORCE(MENT, ING)
REQD	REQUIRED
REV	REVISION
RO	ROUGH OPENING
SF	SQUARE FEET
SIM	SIMILAR
SPA	SPACE
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
T/	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
WCJ	WALL CONSTRUCTION OR CONTROL JOINT
WP	WORK POINT
WWR	WELDED WIRE REINFORCEMENT

DESIGN CRITERIA

THE FOLLOWING DESIGN LOADS WERE USED FOR THIS BUILDING:

BUILDING CODE:
2020 BUILDING CODE OF NEW YORK STATE

ROOF DEAD LOADS:

ROOFING:	2 PSF
PROTECTION BOARD:	3 PSF
METAL DECK:	3 PSF
MECH/ELEC/PLUMB:	5 PSF
INSULATION	3 PSF
SUSPENDED CEILING:	5 PSF
TOTAL	21 PSF

FLOOR LIVE LOADS:
ALL AREAS: 250 PSF

ROOF LIVE LOAD: 20 PSF

ROOF SNOW LOAD
WHERE REQUIRED UNBALANCED SNOW AND SNOW DRIFTS SHALL BE CONSIDERED PER ASCE 7-16

GROUND SNOW LOAD, Pg:	40 PSF
FLAT-ROOF SNOW LOAD, Pf:	37 PSF
SNOW EXPOSURE FACTOR, Ce:	1.0
SNOW LOAD IMPORTANCE FACTOR, Is:	1.0
THERMAL FACTOR, Ct:	1.3
DRIFT SURCHARGE LOAD, Pd:	104.1 PSF
SNOW DRIFT WIDTH, W:	15.23 FT

OR (SEE SNOW DRIFT PLAN)

WIND DESIGN DATA:

ULTIMATE WIND SPEED (3 SECOND GUST), Vult:	112 MPH
NOMINAL DESIGN WIND SPEED, Vasd;	86.8 MPH
RISK CATEGORY:	II
WIND EXPOSURE CATEGORY:	C
INTERNAL PRESSURE COEFFICIENTS:	+/- 0.18

ULTIMATE DESIGN WIND PRESSURES FOR COMPONENTS AND CLADDING PER ASCE FIGURE 30.4-1:

ZONE	WIND AREA (SF)	MAX LOAD	MIN LOAD (PSF)
1	10	+15.0	-50.37
1	20	+15.0	-47.04
1	50	+15.0	-42.67
1	100	+15.0	-39.34
2	10	+15.0	-66.39
2	20	+15.0	-62.16
2	50	+15.0	-56.48
2	100	+15.0	-52.25
3	10	+15.0	-90.47
3	20	+15.0	-82.01
3	50	+15.0	-70.70
3	100	+15.0	-62.16
4	10	+31.64	-34.27
4	20	+30.18	-32.81
4	50	+28.31	-30.94
4	100	+26.85	-29.57
5	10	+31.64	-42.31
5	20	+30.18	-39.48
5	50	+28.31	-35.73
5	100	+26.85	-32.82

EARTHQUAKE DESIGN DATA:

RISK CATEGORY:	II
SEISMIC IMPORTANCE FACTOR, Ie:	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	Ss = 0.17 S1 = 053
SITE CLASS:	B
DESIGN SPECTRAL RESPONSE ACCELERATIONS:	Sds = 0.102 Sd1 = 0.028
SEISMIC DESIGN CATEGORY:	A
BASIC SEISMIC-FORCE-RESISTING SYSTEM	STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC
RESPONSE MODIFICATION FACTOR, R:	3.0
ANALYSIS PROCEDURE USED:	EQUIVALENT LATERAL FORCE METHOD

COMPONENTS AND CLADDING WIND ZONE DIAGRAM

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ARCHITECT

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE As indicated
DRAWN BY DJD

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

STRUCTURAL GENERAL NOTES, ABBREVIATIONS & DESIGN CRITERIA

SHEET TITLE

S001

SHEET NUMBER

C:\Users\dan\OneDrive\Documents\R21-Farm Bridge-DE STRC_degennaroengineering.rvt

REQUIRED STRUCTURAL SPECIAL INSPECTIONS & TESTS OF SOIL

IBC 2018

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	REMARKS
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATION ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	-	X	-	TABLE 1705.6	BY A LICENSED PROFESSIONAL / CLASSIFY EXISTING SOIL BELOW PROPOSED FOOTING AND VERIFY PRESUMPTIVE BEARING CAPACITY OF 1,500 PSF PER TABLE 1806.2
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	-	X	-	TABLE 1705.6	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	-	X	-	TABLE 1705.6	PERFORM CLASSIFICATION TESTING ON ALL MATERIALS PRIOR TO PLACEMENT.
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	-	-	TABLE 1705.6	BY THE GEOTECHNICAL ENGINEER. PERFORM COMPACTION TESTING ON EACH LIFT TO DETERMINE IN-PLACE DENSITY.
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	-	X	-	TABLE 1705.6	

NOTES:
1. SPECIAL INSPECTIONS AND TESTS OF SOILS SHALL BE PERFORMED IN ACCORDANCE WITH TABLE ABOVE AS REPLICATED FROM IBC 2018 TABLE 1705.6
2. THE APPROVED GEOTECHNICAL REPORT AND THE CONSTRUCTION DOCUMENTS PREPARED BY THE REGISTERED DESIGN PROFESSIONALS SHALL BE USED TO DETERMINE COMPLIANCE.
3. WHERE IBC 2018 SECTION 1803 DOES NOT REQUIRE REPORTING OF MATERIALS AND PROCEDURES FOR FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL VERIFY THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED FILL IS NOT LESS THAN 90% OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D 1557.

REQUIRED STRUCTURAL SPECIAL INSPECTIONS & TESTS OF CONCRETE CONSTRUCTION

IBC 2018

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	REMARKS
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	-	X	ACI 318: CH 20, 25.2, 25.3, 26.6.1 - 26.6.3	1908.4	TOLERANCES AND REINFORCING PLACEMENT PER ACI 7.5; SPACING LIMITS FOR REINFORCING ACI 7.6 PROTECTION OF REINFORCEMENT PER ACI 7.7
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A 706 b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16", AND c. INSPECT ALL OTHER WELDS	- - X	X X -	AWS D1.4 ACI 318: 26.6.4	-	
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a	X -	- X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-	SPECIAL INSPECTIONS APPLY TO ANCHOR PRODUCT NAME, TYPE, AND DIMENSIONS, HOLE DIMENSIONS, COMPLIANCE WITH DRILL BIT REQUIREMENTS, CLEANLINESS OF THE HOLE AND ANCHOR, ADHESIVE EXPIRATION DATE, ANCHOR/ADHESIVE INSTALLATION, ANCHOR EMBEDMENT, AND TIGHTENING TORQUE.
5. VERIFY USE OF REQUIRED DESIGN MIX	-	X	ACI 318: CH 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	-	FABRICATE SPECIMENS AT TIME FRESH CONCRETE IS PLACED. EACH DAY (4 CYLINDERS) FOR A GIVEN CLASS OF CONCRETE.
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE TECHNIQUES	-	X	ACI 318: 26.5.3 - 26.5.5	1908.9	
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS	X X	- -	ACI 318: 26.10	-	
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	-	X	ACI 318: CH 26.9	-	
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	-	X	ACI 318: 26.11.2	-	
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318: 26.11.1.2(b)	-	

NOTES:
1. SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH TABLE ABOVE AS REPLICATED FROM IBC 2018 TABLE 1705.3
2. SPECIAL INSPECTIONS AND TESTS SHALL NOT BE REQUIRED FOR THE FOLLOWING EXCEPTIONS:
   A. ISOLATED SPREAD CONCRETE FOOTINGS OF BUILDINGS 3 STORIES OR LESS ABOVE GRADE THAT ARE FULLY SUPPORTED ON EARTH OR ROCK.
   B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS OF BUILDINGS 3 STORIES OR LESS ABOVE GRADE THAT ARE FULLY SUPPORTED ON EARTH OR ROCK WHERE:
      a. THE FOOTINGS SUPPORT WALLS OF LIGHT-FRAME CONSTRUCTION.
      b. THE FOOTINGS ARE DESIGNED IN ACCORDANCE WITH TABLE 1809.7 - PRESCRIPTIVE FOOTINGS SUPPORTING WALLS OF LIGHT-FRAME CONSTRUCTION.
      c. THE STRUCTURAL DESIGN OF THE FOOTING IS BASED ON A SPECIFIED COMPRESSIVE STRENGTH, f'_c, NOT MORE THAN 2,500 PSI, REGARDLESS OF THE COMPRESSIVE STRENGTH SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS OR USED IN THE FOOTING CONSTRUCTION.
   C. NONSTRUCTURAL CONCRETE SLABS SUPPORTED DIRECTLY ON THE GROUND, INCLUDING PRESTRESSED SLABS ON GRADE, WHERE THE EFFECTIVE PRESTRESS IN THE CONCRETE IS LESS THAN 150 PSI.
   D. CONCRETE FOUNDATION WALLS CONSTRUCTED IN ACCORDANCE WITH TABLE 1807.1.6.2 - CONCRETE FOUNDATION WALLS
   E. CONCRETE PATIOS, DRIVEWAYS AND SIDEWALKS, ON GRADE.

REQUIRED STRUCTURAL SPECIAL INSPECTIONS & TESTS OF STRUCTURAL STEEL CONSTRUCTION

IBC 2018/ AISC 360-16

TYPE	QUALITY CONTROL	QUALITY ASSURANCE	REFERENCED STANDARD	REMARKS
INSPECTION TASKS PRIOR TO BOLTING			AISC 360: N6	FOR SNUG-TIGHT JOINTS, INSPECTIONS TASKS PRE-INSTALLATION AS SHOWN BELOW ARE NOT REQUIRED
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P	AISC 360: TABLE N5.6-1	
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O	AISC 360: TABLE N5.6-1	
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH, THREAD LOCATIONS)	O	O	AISC 360: TABLE N5.6-1	
CORRECT BOLTING PROCEDURE SELECTED FOR THE JOINT DETAIL	O	O	AISC 360: TABLE N5.6-1	
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O	AISC 360: TABLE N5.6-1	
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTER ASSEMBLIES AND METHODS USED	P	O	AISC 360: TABLE N5.6-1	
PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	O	AISC 360: TABLE N5.6-1	
INSPECTION TASKS DURING BOLTING			AISC 360: N6	1. FOR SNUG-TIGHT JOINTS, INSPECTIONS TASKS DURING INSTALLATION AS SHOWN BELOW ARE NOT REQUIRED. 2. FOR PRETENSIONED & SLIP-CRITICAL JOINTS, WHEN INSTALLER IS USING TURN-OF-NUT METHOD WITH MATCHMARKING TECHNIQUES, DIRECT-TENSION-INDICATOR METHOD, OR TWIST-OFF TYPE TENSION CONTROL BOLT METHOD, INSPECTION TASKS DURING INSTALLATION AS SHOWN BELOW ARE NOT REQUIRED.
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	O	O	AISC 360: TABLE N5.6-2	
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	O	AISC 360: TABLE N5.6-2	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O	AISC 360: TABLE N5.6-2	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O	AISC 360: TABLE N5.6-2	
INSPECTION TASKS AFTER BOLTING			AISC 360: N6	
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	P	AISC 360: TABLE N5.6-3	
INSPECTION OF GALVANIZED STRUCTURAL STEEL MAIN MEMBERS			AISC 360: N7	
EXPOSED CUT SURFACES OF GALVANIZED MAIN MEMBERS SHALL BE VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING	P	P	AISC 360: N7	CRACKS SHALL BE REPAIRED OR MEMBER REJECTED.
EXPOSED CUT SURFACES & EXPOSED CORNERS OF RECTANGULAR HSS MEMBERS SHALL BE VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING	P	P	AISC 360: N7	CRACKS SHALL BE REPAIRED OR MEMBER REJECTED.
OTHER INSPECTION TASKS			AISC 360: N8	
INSPECT FABRICATED STEEL TO VERIFY COMPLIANCE WITH DETAILS SHOWN ON SHOP DRAWINGS	P	O	AISC 360: N8	INCLUDES CORRECT APPLICATION OF SHOP JOINT DETAILS AT EACH CONNECTION
INSPECT ERECTED STEEL FRAME TO VERIFY COMPLIANCE WITH FIELD INSTALLED DETAILS SHOWN ON THE ERECTION DRAWINGS	P	O	AISC 360: N8	INCLUDES BRACES, STIFFENERS, MEMBER LOCATIONS AND JOINT DETAILS AT EACH CONNECTION
PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL	O	P	AISC 360: N8	VERIFY & DOCUMENT AS A MINIMUM, DIAMETER, GRADE, TYPE AND LENGTH OF ANCHOR RODS OR EMBEDDED ITEM AND EXTENT OR DEPTH OF EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE
INSPECT FABRICATED STEEL OR ERECTED STEEL FRAME TO VERIFY COMPLIANCE WITH DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS	O	P	AISC 360: N8	INCLUDES BRACES, STIFFENERS, MEMBER LOCATIONS AND JOINT DETAILS AT EACH CONNECTION

REQUIRED STRUCTURAL SPECIAL INSPECTIONS & TESTS OF STRUCTURAL STEEL CONSTRUCTION

IBC 2018/ AISC 360-16

TYPE	QUALITY CONTROL	QUALITY ASSURANCE	REFERENCED STANDARD	REMARKS
INSPECTION TASKS PRIOR TO WELDING			AISC 360: N4	
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	O	AISC 360: TABLE N5.4-1	
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	P	P	AISC 360: TABLE N5.4-1	
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P	AISC 360: TABLE N5.4-1	
MATERIAL IDENTIFICATION	O	O	AISC 360: TABLE N5.4-1	MATERIAL TYPE & GRADE
WELDER IDENTIFICATION SYSTEM	O	O	AISC 360: TABLE N5.4-1	
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY & LOCATION) • BACKING TYPE & FIT (IF APPLICABLE)	O	O	AISC 360: TABLE N5.4-1	
FIT-UP OF CJP GROOVE WELDS OF HSS T-, YI AND K-JOISTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY & LOCATION)	P	O	AISC 360: TABLE N5.4-1	
CONFIGURATION AND FINISH OF ACCESS HOLES	O	O	AISC 360: TABLE N5.4-1	
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY & LOCATION)	O	O	AISC 360: TABLE N5.4-1	
CHECK WELDING EQUIPMENT	O	-	AISC 360: TABLE N5.4-1	
INSPECTION TASKS DURING WELDING			AISC 360: N5	OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AND COMPLETED WELDS SHALL BE THE PRIMARY METHOD OF CONFIRMATION
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	O	O	AISC 360: TABLE N5.4-2	
NO WELDING OVER CRACKED TACK WELDS	O	O	AISC 360: TABLE N5.4-2	
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	O	O	AISC 360: TABLE N5.4-2	
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) • PROPER POSITION (F, V, H, OH)	O	O	AISC 360: TABLE N5.4-2	
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O	O	AISC 360: TABLE N5.4-2	
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	P	AISC 360: TABLE N5.4-2	
INSPECTION TASKS AFTER WELDING			AISC 360: N5	OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AND COMPLETED WELDS SHALL BE THE PRIMARY METHOD OF CONFIRMATION
WELDS CLEANED	O	O	AISC 360: TABLE N5.4-3	
SIZE, LENGTH AND LOCATION OF WELDS	P	P	AISC 360: TABLE N5.4-3	
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P	P	AISC 360: TABLE N5.4-3	
ARC STRIKES	P	P	AISC 360: TABLE N5.4-3	
k-AREA	P	P	AISC 360: TABLE N5.4-3	
BACKING REMOVED AND WELD TABS REMOVED (IF REQD)	P	P	AISC 360: TABLE N5.4-3	
REPAIR ACTIVITIES	P	P	AISC 360: TABLE N5.4-3	
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P	AISC 360: TABLE N5.4-3	
NONDESTRUCTIVE TESTING OF WELDED JOINTS			AISC 360: N5	
ULTRASONIC TESTING (UT), MAGNETIC PARTICAL TESTING (MT), PENETRANT TESTING (PT), AND RADIOGRAPHIC TESTING (RT), WHERE REQUIRED	-	P	AISC 360: N5a AWS D1.1	
NONDESTRUCTIVE TESTING (NDT) OF CJP GROOVE WELDS • RISK CATEGORY I • RISK CATEGORY II • RISK CATEGORY III OR IV	- - -	**NOT REQD** **P (10% WELDS)** **P (ALL WELDS)**	AISC 360: N5b	NDT OF CJP GROOVE WELDS IN MATERIALS LESS THAN 5/16" THICK IS NOT REQUIRED. ULTRASONIC TESTING SHALL BE PERFORMED ON CJP GROOVE WELDS IN BUTT, T- AND CORNER JOINTS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN MATERIALS 5/16" THICK OR GREATER

NOTES:
1. SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360-16, CHAPTER N: QUALITY CONTROL AND QUALITY ASSURANCE.
2. QC INSPECTION TASKS SHALL BE PERFORMED BY THE FABRICATOR'S OR ERECTOR'S QUALITY CONTROL INSPECTOR.
3. QA INSPECTION OF FABRICATED ITEMS SHALL BE MADE AT THE FABRICATOR'S PLANT. QA INSPECTION OF THE ERECTED STEEL SYSTEM SHALL BE MADE AT THE PROJECT SITE. THE QUALITY ASSURANCE INSPECTOR SHALL SCHEDULE THIS WORK TO MINIMIZE INTERRUPTION TO ALL WORK.
4. WHERE A TASK IS NOTED TO BE PERFORMED BY BOTH QC AND QA, IT IS PERMITTED TO COORDINATE THE INSPECTION SO THAT THE INSPECTION FUNCTIONS ARE PERFORMED BY ONLY ONE PARTY.
5. INSPECTION TASKS ARE IDENTIFIED IN TABLE ABOVE AS FOLLOWS:
   O - OBSERVE THESE ITEMS ON AN INTERMITTENT BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
   P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER

REQUIRED STRUCTURAL SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

IBC 2018

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE	REMARKS
1. INSTALLATION OF OPEN WEB-STEEL JOISTS AND JOIST GIRDERS					
a. END CONNECTIONS - WELDING OR BOLTED	-	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1	TABLE 1705.2.3	
b. BRIDGING - HORIZONTAL OR DIAGONAL	-			TABLE 1705.2.3	
1. STANDARD BRIDGING	-	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1	TABLE 1705.2.3	
2. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1	-	X		TABLE 1705.2.3	

NOTES:
1. SPECIAL INSPECTIONS AND TESTS OF OPEN-WEB STEEL JOIST AND JOIST GIRDER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH TABLE ABOVE AS REPLICATED FROM IBC 2018 TABLE 1705.2.3.

REQUIRED STRUCTURAL SPECIAL INSPECTIONS & TESTS OF STEEL DECK CONSTRUCTION

IBC 2018/ SDI QA/QC-2011

TYPE	QUALITY CONTROL	QUALITY ASSURANCE	REFERENCED STANDARD	REMARKS
INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT			SDI QA/QC - 2011	
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES	P	P	TABLE 1.1	VERIFY PROFILES, MATERIAL PROPERTIES, & BASE METAL THICKNESS
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	P	P	TABLE 1.1	
INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT			SDI QA/QC - 2011	
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION	P	P	TABLE 1.2	
VERIFY DECK MATERIALS ARE REPRESENTED BY MILL CERTIFICATES THAT COMPLY WITH CONSTRUCTION DOCS	-	P	TABLE 1.2	
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	P	P	TABLE 1.2	
INSPECTION OR EXECUTION TASKS PRIOR TO WELDING			SDI QA/QC - 2011	
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	O	O	TABLE 1.3	
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	O	O	TABLE 1.3	
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O	TABLE 1.3	VERIFY MATERIAL TYPE/GRADE
CHECK WELDING EQUIPMENT	O	O	TABLE 1.3	
INSPECTION OR EXECUTION TASKS DURING WELDING			SDI QA/QC - 2011	
USE OF QUALIFIED WELDERS	O	O	TABLE 1.4	
CONTROL AND HANDLING OF WELDING CONSUMABLES	O	O	TABLE 1.4	
ENVIRONMENTAL CONDITIONS	O	O	TABLE 1.4	VERIFY WIND SPEED, MOISTURE, TEMPERATURE
WPS FOLLOWED	O	O	TABLE 1.4	
INSPECTION OR EXECUTION TASKS AFTER WELDING			SDI QA/QC - 2011	
VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	P	P	TABLE 1.5	
WELDS MEET VISUAL ACCEPTANCE CRITERIA	P	P	TABLE 1.5	
VERIFY REPAIR ACTIVITIES	P	P	TABLE 1.5	
DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	P	P	TABLE 1.5	
INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING			SDI QA/QC - 2011	
MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	O	O	TABLE 1.6	
PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	O	O	TABLE 1.6	
PROPER STORAGE FOR MECHANICAL FASTENERS	O	O	TABLE 1.6	
INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING			SDI QA/QC - 2011	
FASTENERS ARE POSITIONED AS REQUIRED	O	O	TABLE 1.7	
FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	O	O	TABLE 1.7	
INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING			SDI QA/QC - 2011	
CHECK SPACING, TYPE AND INSTALLATION OF SUPPORT FASTENERS	P	P	TABLE 1.8	
CHECK SPACING, TYPE AND INSTALLATION OF SIDELAP FASTENERS	P	P	TABLE 1.8	
CHECK SPACING, TYPE AND INSTALLATION OF PERIMETER FASTENERS	P	P	TABLE 1.8	
VERIFY REPAIR ACTIVITIES	P	P	TABLE 1.8	
DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	P	P	TABLE 1.8	

NOTES:
1. SPECIAL INSPECTIONS AND TESTS OF COMPOSITE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE/STEEL DECK INSTITUTE STANDARD FOR QUALITY CONTROL AND QUALITY ASSURANCE FOR INSTALLATION OF STEEL DECK (QA/QC - 2011).
2. QC INSPECTION TASKS SHALL BE PERFORMED BY THE FABRICATOR'S OR ERECTOR'S QUALITY CONTROL INSPECTOR.
3. QA INSPECTION OF FABRICATED ITEMS SHALL BE MADE AT THE FABRICATOR'S PLANT. QA INSPECTION OF THE ERECTED STEEL SYSTEM SHALL BE MADE AT THE PROJECT SITE. THE QUALITY ASSURANCE INSPECTOR SHALL SCHEDULE THIS WORK TO MINIMIZE INTERRUPTION TO ALL WORK.
4. WHERE A TASK IS NOTED TO BE PERFORMED BY BOTH QC AND QA, IT IS PERMITTED TO COORDINATE THE INSPECTION SO THAT THE INSPECTION FUNCTIONS ARE PERFORMED BY ONLY ONE PARTY.
5. INSPECTION TASKS ARE IDENTIFIED IN TABLE ABOVE AS FOLLOWS:
   O - OBSERVE THESE ITEMS ON AN INTERMITTENT BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
   P - PERFORM THESE TASKS PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT

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ARCHITECT

Revision Schedule

#	Description	Date

SCALE	1/8" = 1'-0"
DRAWN BY	DJD

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

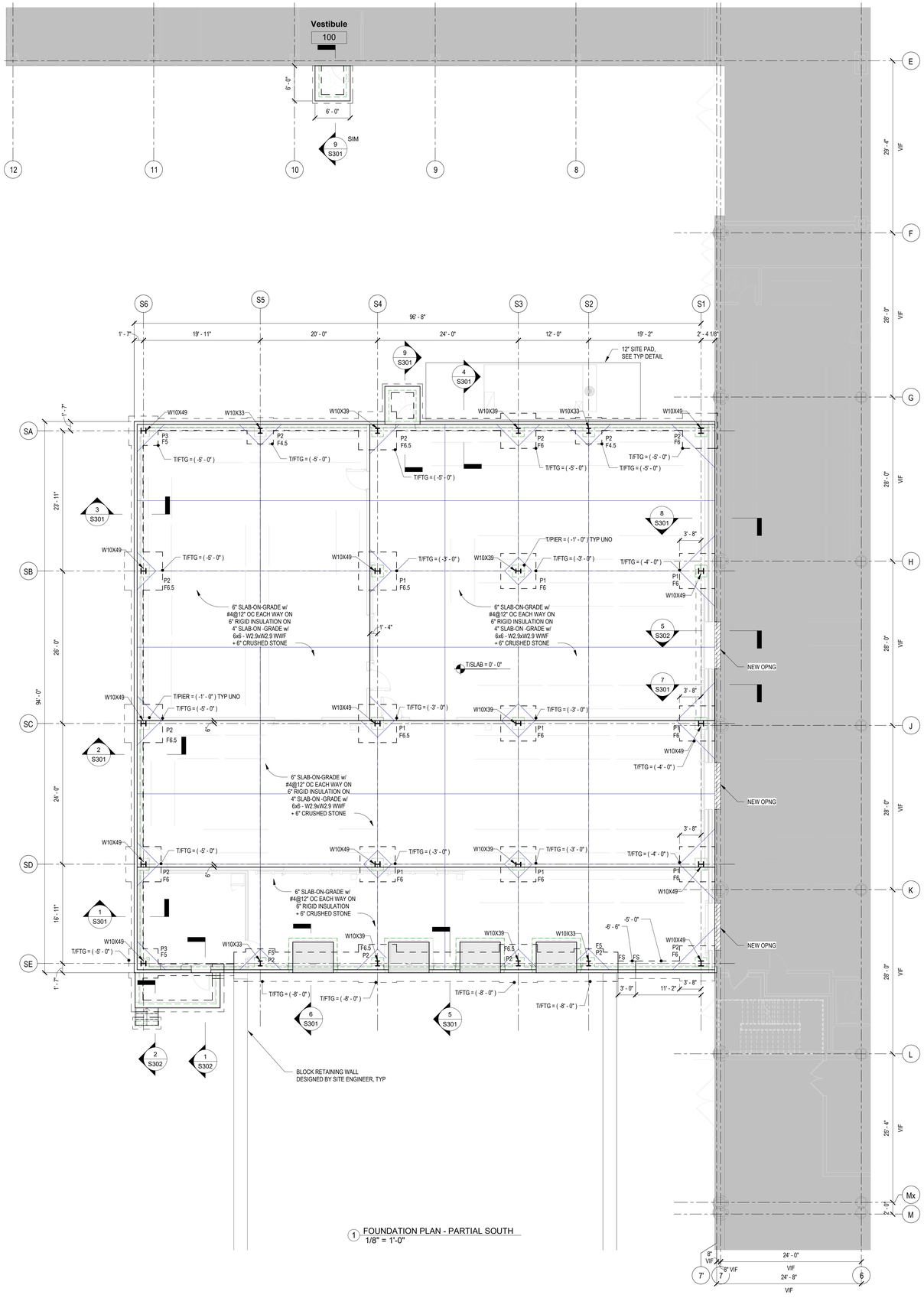
SPECIAL INSPECTIONS

SHEET TITLE

S002

SHEET NUMBER

6/3/2021 3:46:00 PM

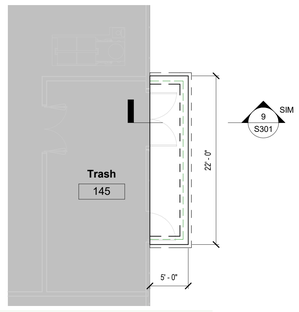


1 FOUNDATION PLAN - PARTIAL SOUTH
1/8" = 1'-0"

TYPICAL FOUNDATION SCHEDULE				
	DIMENSIONS			
MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT
F4.5	4' - 6"	4' - 6"	1' - 0"	(5) #5 BARS EACH WAY
F5	5' - 0"	5' - 0"	1' - 0"	(6) #5 BARS EACH WAY
F6	6' - 0"	6' - 0"	1' - 0"	(7) #5 BARS EACH WAY
F6.5	6' - 6"	6' - 6"	1' - 0"	(7) #5 BARS EACH WAY

NOTES:

1. REFERENCE ELEVATION 0'-0" = FFE = XXX.X'. SEE CIVIL DRAWINGS.
2. FOOTING ELEVATIONS ARE DENOTED ON PLAN AS EL (+OR-) FROM FFE. INDICATED ELEVATIONS ARE TOP OF FOOTING/WALL/PIER UNLESS OTHERWISE NOTED.
3. T/PIER ELEVATION IS (-1'-0") UNLESS NOTED OTHERWISE.
4. FS DENOTES FOOTING STEP.
5. COORDINATE UTILITY LOCATIONS WITH CIVIL DRAWINGS. STEP FOOTING AS NECESSARY TO MAINTAIN REQUIRED COVER ON UTILITY LINES.
6. BP-# DENOTES BASE PLATE TYPE, SEE SCHEDULE SHEET S405.



2 PARTIAL FOUNDATION PLAN
1/8" = 1'-0"

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ARCHITECT

Revision Schedule

#	Description	Date

SCALE	1/8" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

FOUNDATION PLAN - PARTIAL SOUTH

SHEET TITLE

S101

SHEET NUMBER

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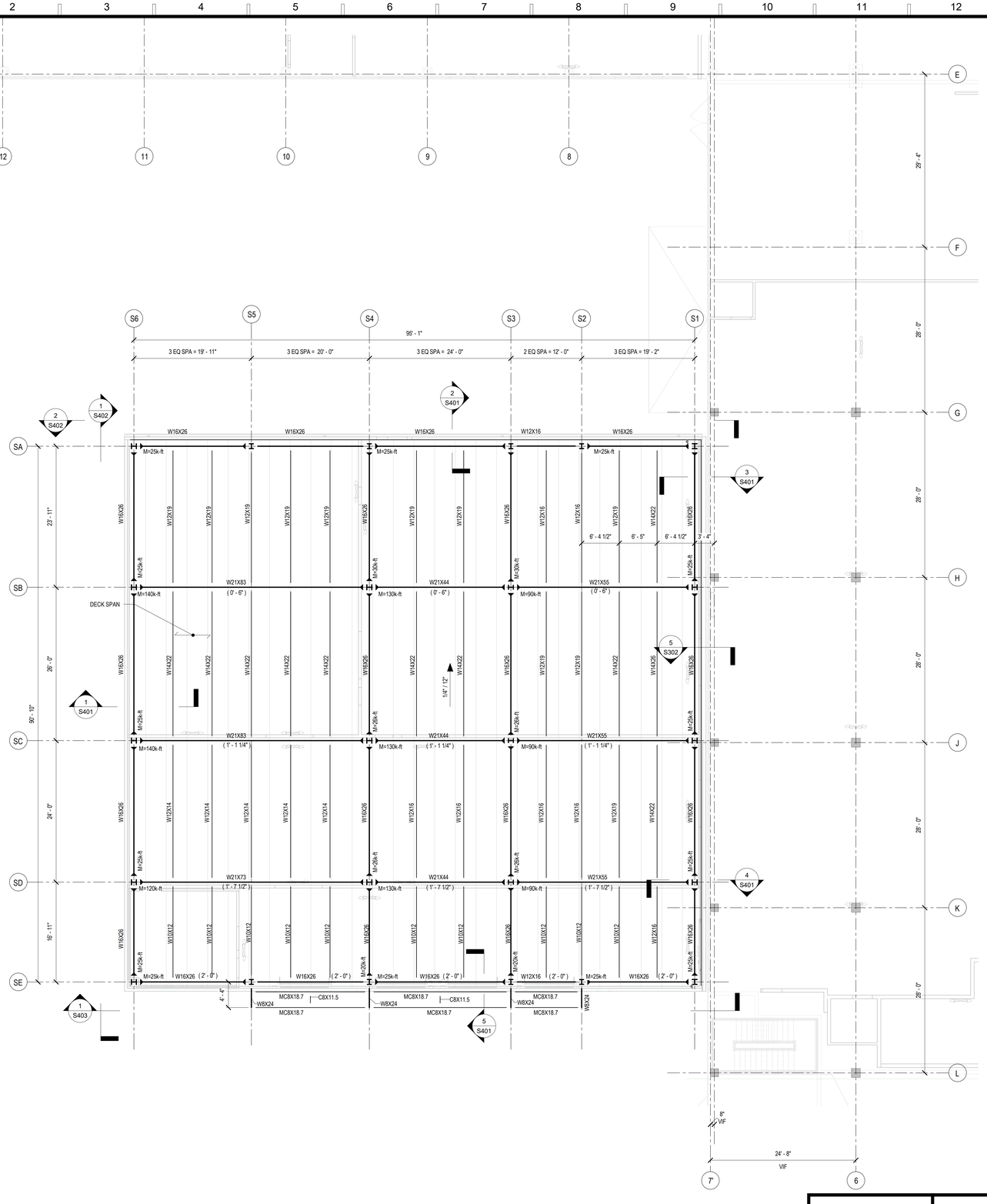

1 ROOF FRAMING PLAN - PARTIAL SOUTH
1/8" = 1'-0"

NOTES:

1. TOP OF STRUCTURAL STEEL ELEVATION IS +25'-5" UNLESS NOTED OTHERWISE THUS; (+ OR -) ELEVATION IS REFERENCE FROM THIS STRUCTURAL STEEL ELEVATION.
2. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS OTHERWISE NOTED.
3. ▶—— DENOTES MOMENT CONNECTION.
4. ROOF DECK SHALL BE EQUIVALENT TO 3" x 20 GAGE TYPE N GALVANIZED METAL DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUAL. DECK SHALL BE PLACED IN CONTINUOUS SHEETS WITH A MINIMUM OF 3 SPAN SUPPORT CONDITION AT ALL LOCATIONS. SUBMIT METAL DECK SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.
5. REFERENCE TYPICAL DETAILS FOR FRAMING AROUND OPENINGS IN METAL ROOF DECK.
6. LIGHT-GAGE EXTERIOR WALL SYSTEM SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER ACCORDANCE WITH THE MINIMUM DESIGN LOAD CRITERIA INDICATED ON SHEET S001. SUBMIT SHOP DRAWINGS SIGNED AND SEALED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.

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Revision Schedule

#	Description	Date

SCALE	1/8" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

ROOF FRAMING PLAN - PARTIAL SOUTH

SHEET TITLE

S201

SHEET NUMBER

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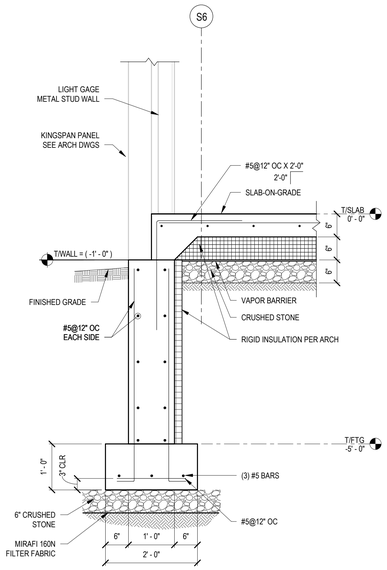
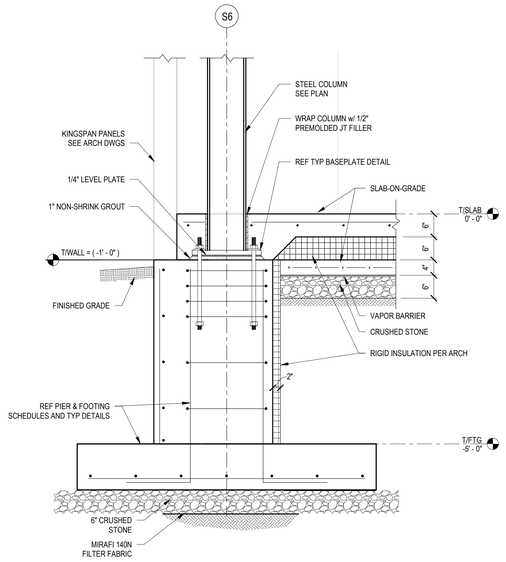
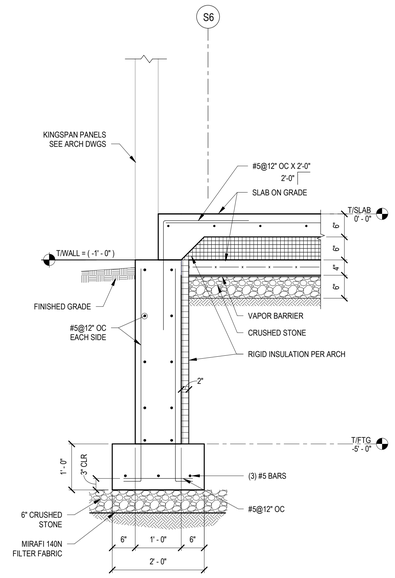


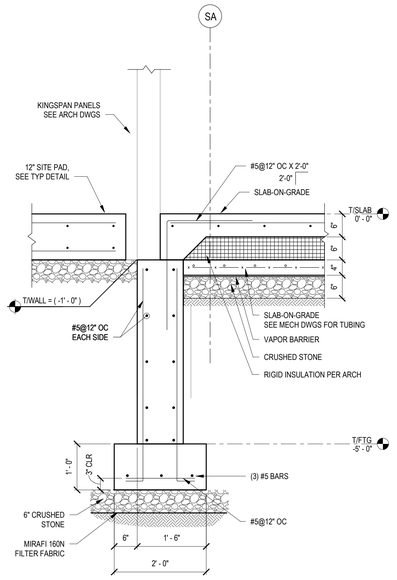
1 TYP FOUNDATION SECTION
3/4" = 1'-0"



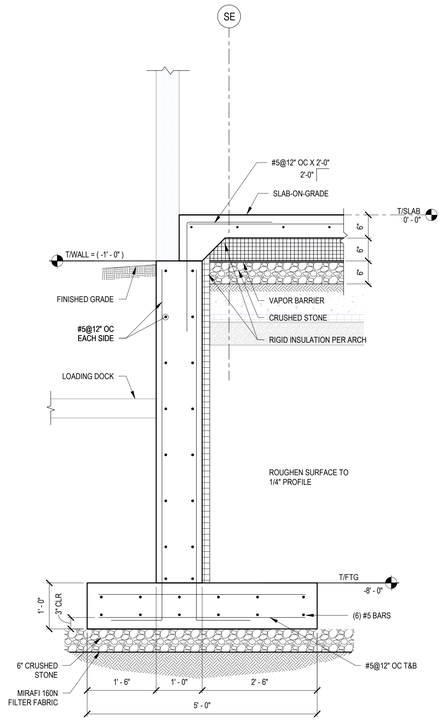
2 TYP FOUNDATION SECTION AT COLUMN
3/4" = 1'-0"



3 TYP FOUNDATION SECTION AT FREEZER
3/4" = 1'-0"



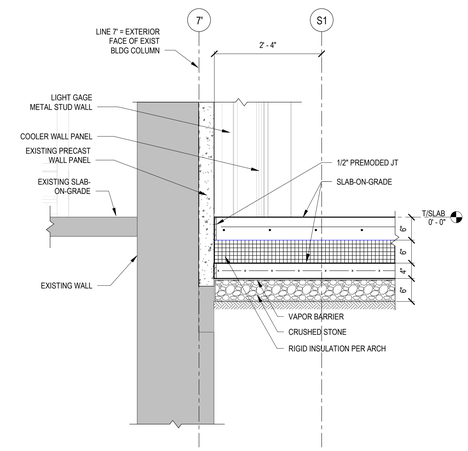
4 TYP FOUNDATION SECTION AT COOLER
3/4" = 1'-0"



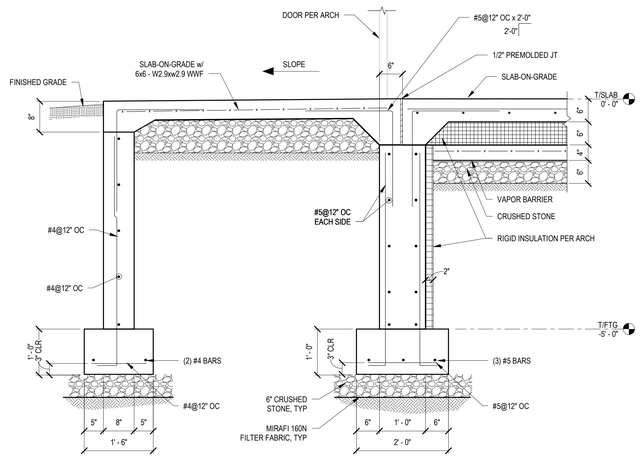
5 TYP FOUNDATION SECTION AT LOADING DOCK
3/4" = 1'-0"

6 TYP FOUNDATION SECTION AT DOCK LEVELER
3/4" = 1'-0"

7 TYP COLUMN FOUNDATION SECTION AT EXISTING BUILDING
3/4" = 1'-0"



8 TYP SLAB SECTION AT EXISTING BUILDING
3/4" = 1'-0"



9 TYPICAL EXTERIOR DOOR PAD DETAIL
3/4" = 1'-0"

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Revision Schedule

#	Description	Date

SCALE	3/4" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

FOUNDATION SECTIONS & DETAILS

SHEET TITLE

S301

SHEET NUMBER

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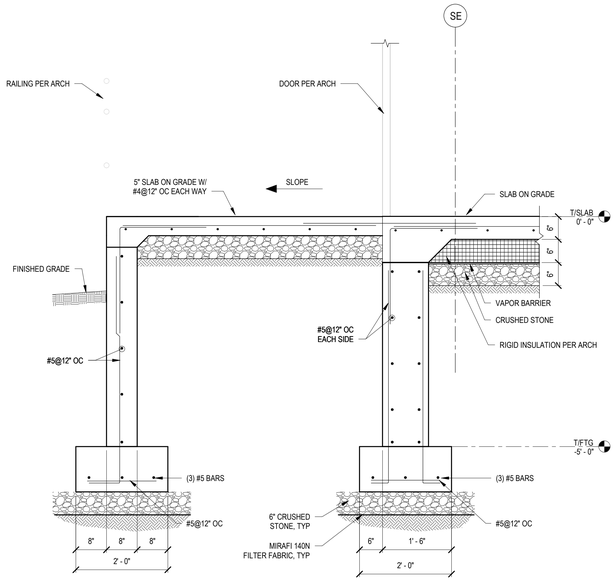
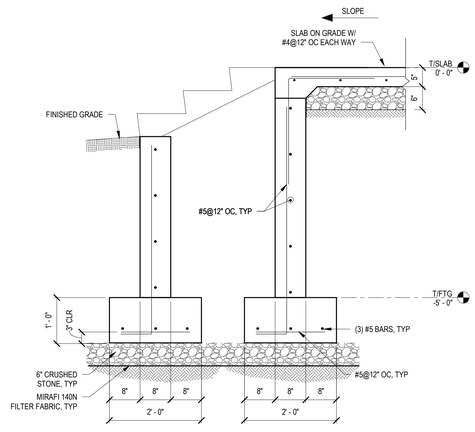
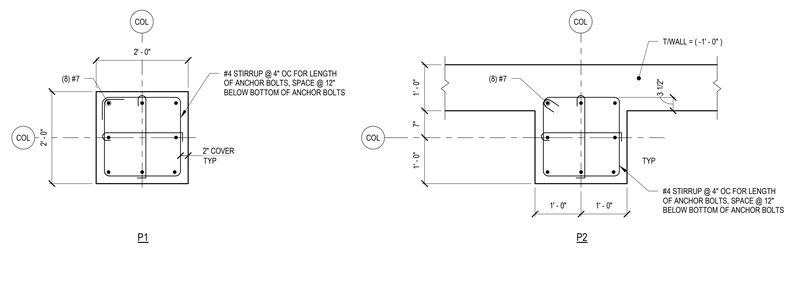


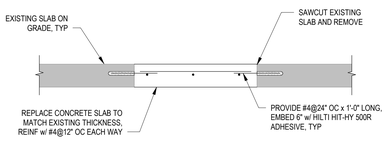
1 TYP FOUNDATION SECTION AT EXTERIOR LANDING
3/4" = 1'-0"



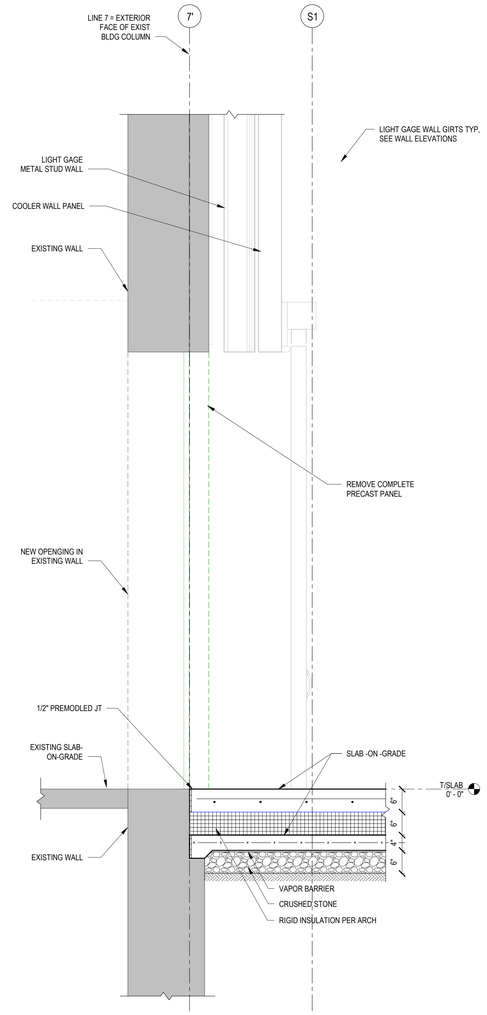
2 TYPICAL FOUNDATION SECTION AT CONCRETE STAIRS
3/4" = 1'-0"



3 TYP PIER DETAILS
3/4" = 1'-0"



4 TYPICAL EXISTING SLAB REMOVAL & REPLACEMENT DETAIL
3/4" = 1'-0"



5 NEW OPENING IN EXISTING BUILDING DETAIL
3/4" = 1'-0"

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Revision Schedule

#	Description	Date

SCALE	3/4" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

FOUNDATION SECTIONS & DETAILS

SHEET TITLE

S302

SHEET NUMBER

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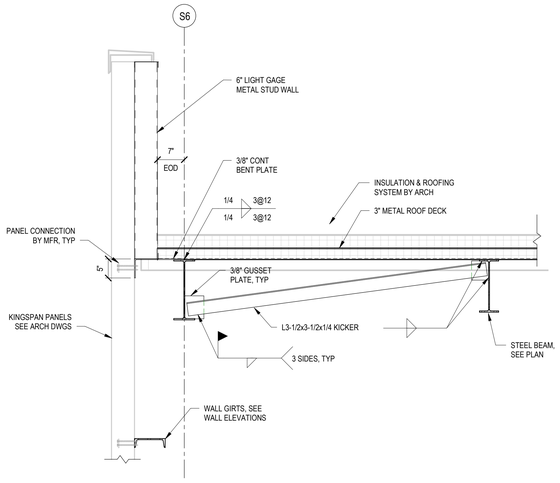
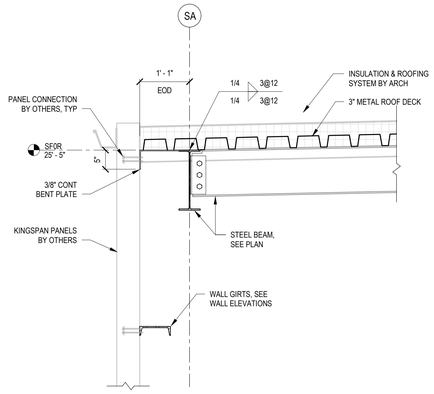
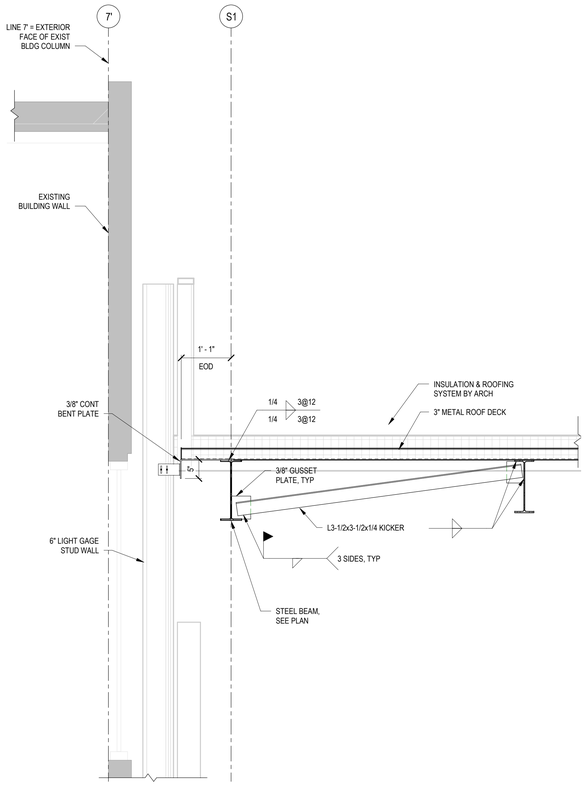


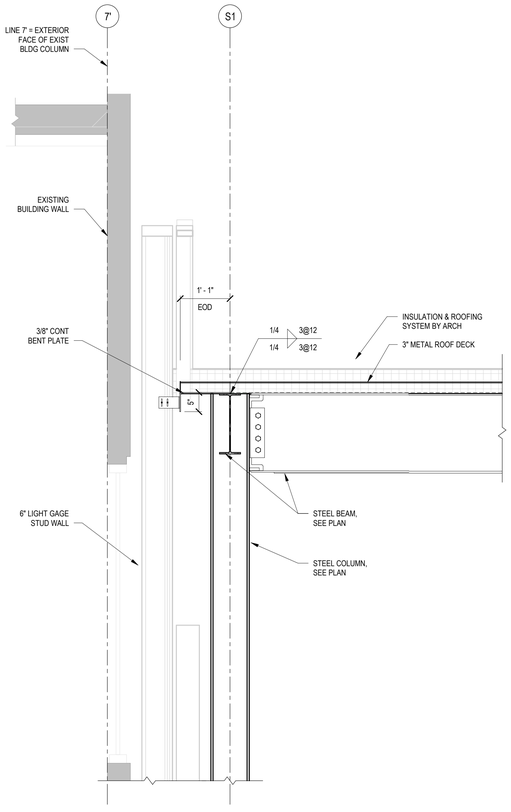
1 TYP ROOF EDGE SECTION
3/4" = 1'-0"



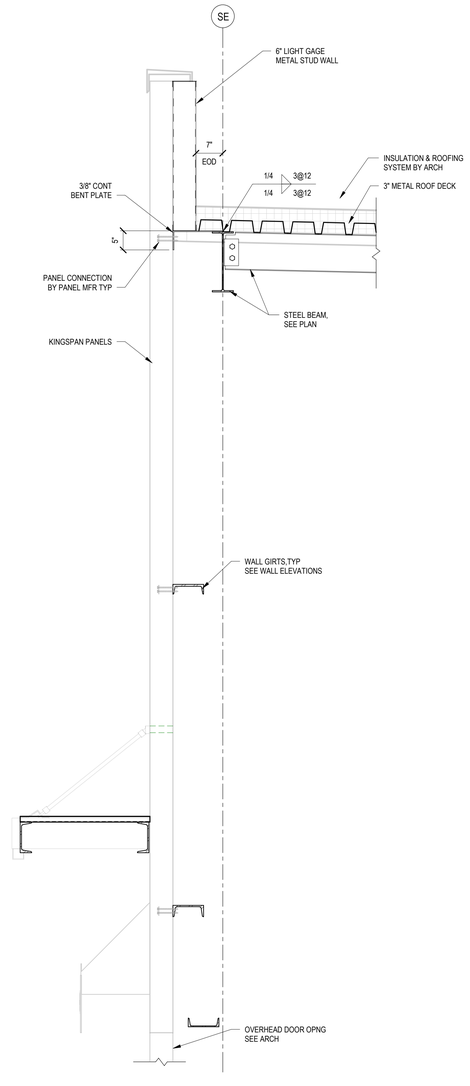
2 TYP ROOF EDGE SECTION
3/4" = 1'-0"



3 TYP ROOF SECTION AT EXISTING BUILDING
3/4" = 1'-0"



4 TYP ROOF COLUMN SECTION AT EXISTING BUILDING
3/4" = 1'-0"



5 TYP ROOF SECTION AT LOADING DOCK
3/4" = 1'-0"

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Revision Schedule

#	Description	Date

SCALE	3/4" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

STEEL SECTIONS & DETAILS

SHEET TITLE

S401

SHEET NUMBER

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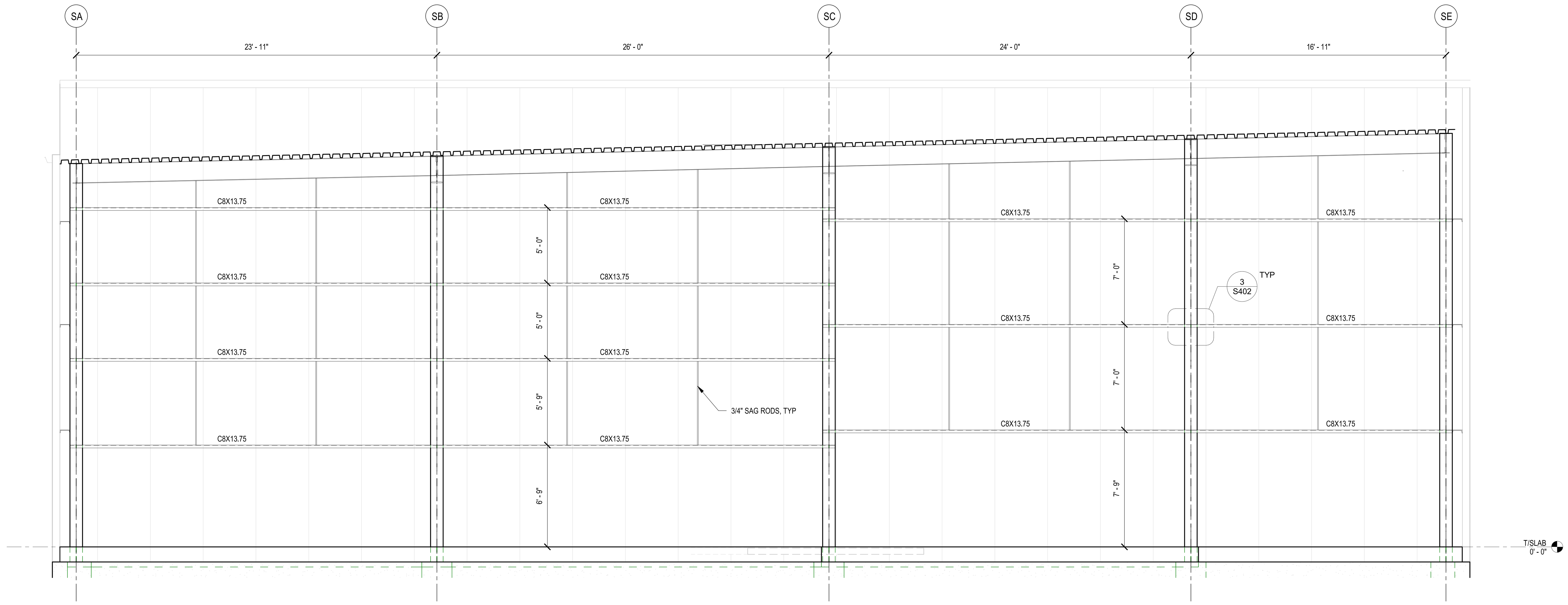
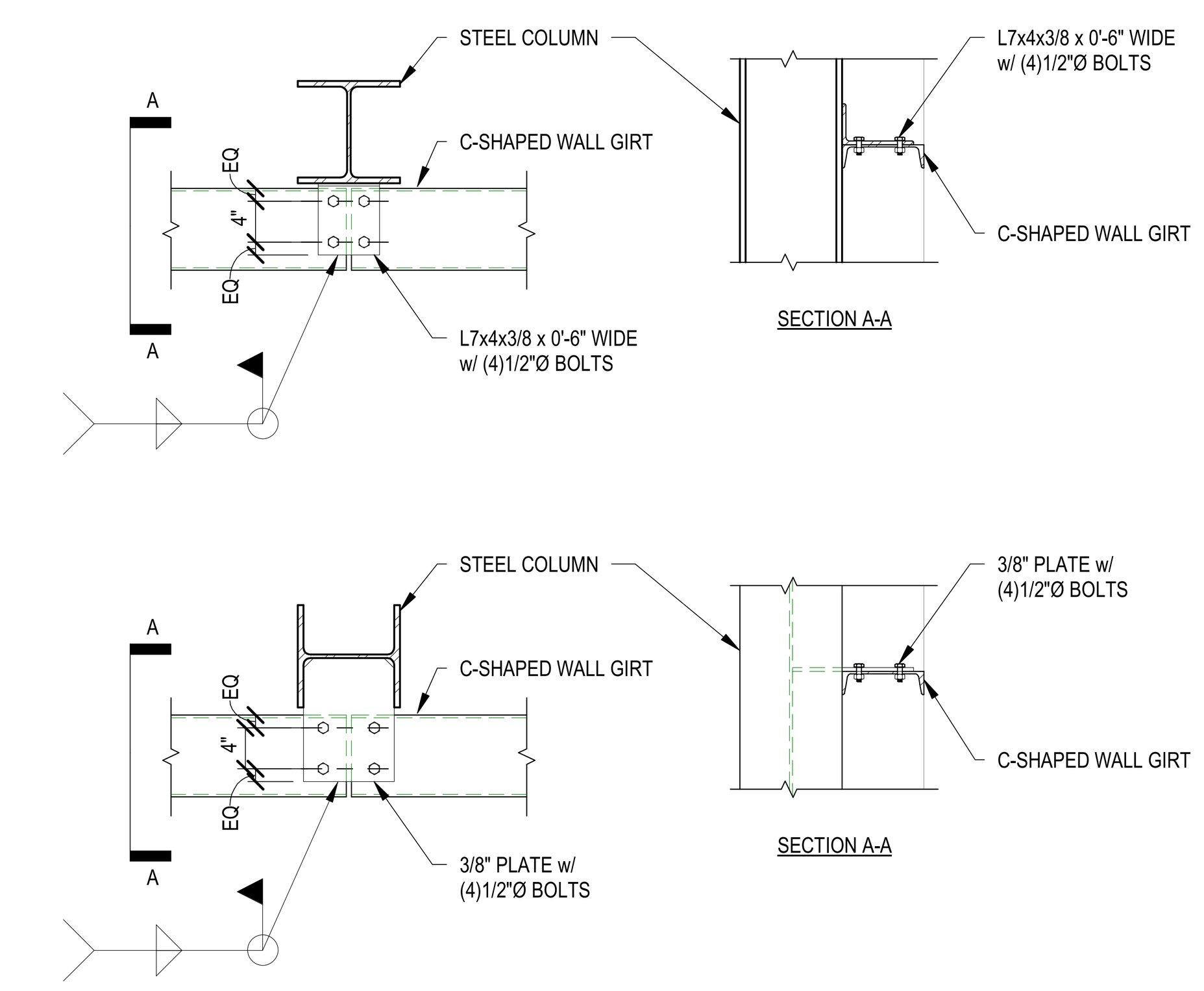
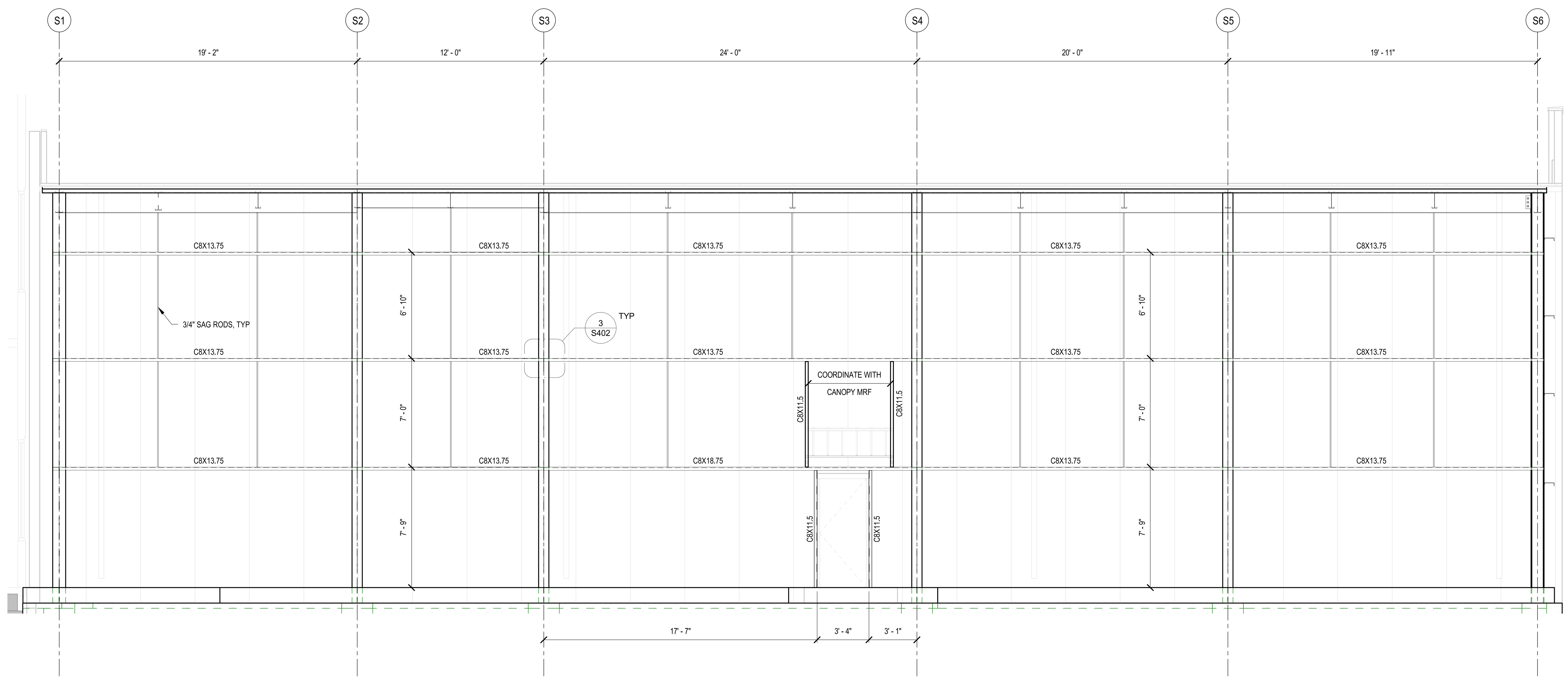


1 WALL ELEVATION AT SB
1/4" = 1'-0"



3 TYPICAL GIRT CONNECTION DETAILS
3/4" = 1'-0"



2 WALL ELEVATION AT SA
1/4" = 1'-0"

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Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

WALL ELEVATIONS

SHEET TITLE

S402

SHEET NUMBER

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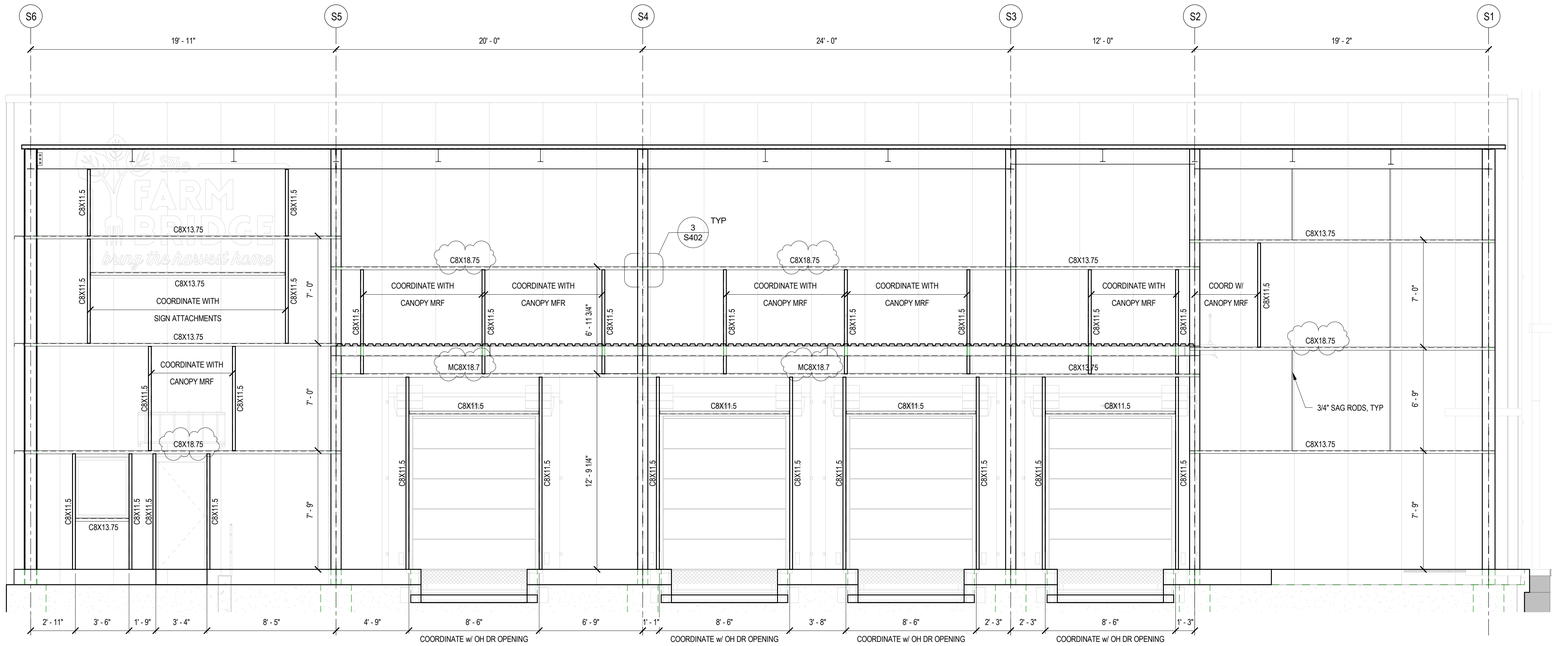
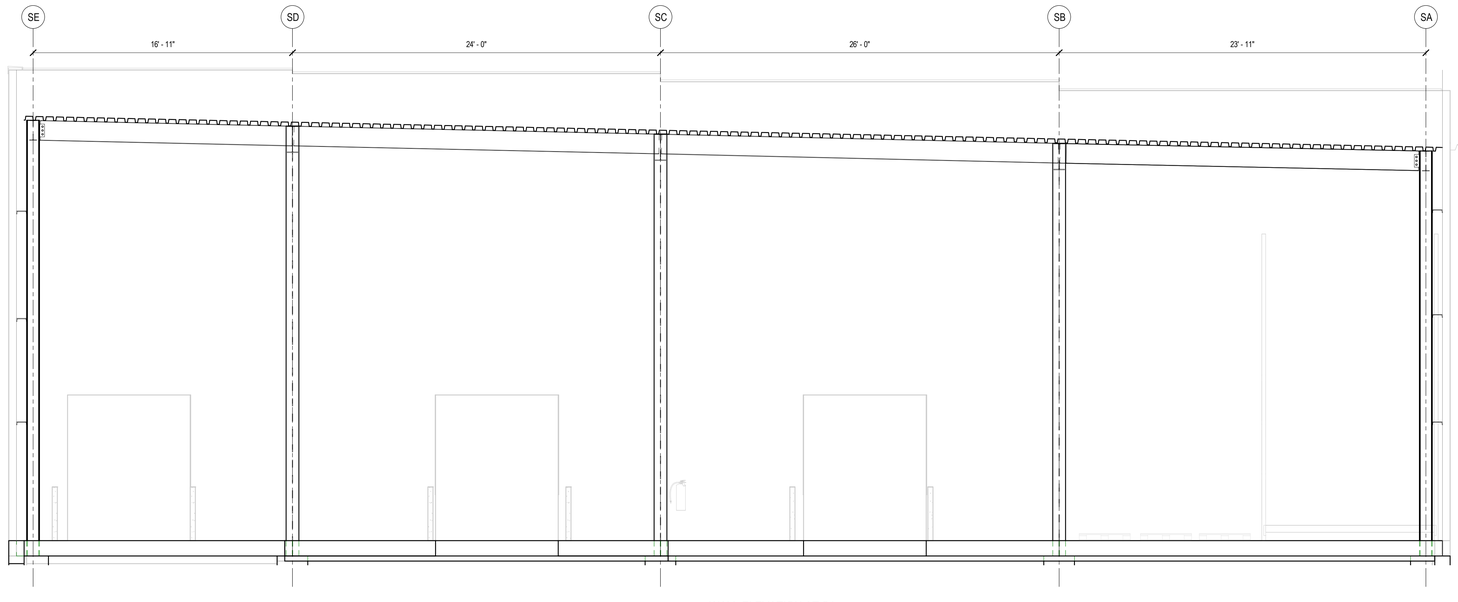


1 WALL ELEVATION AT SE
1/4" = 1'-0"



2 WALL ELEVATION AT S1
1/4" = 1'-0"

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Revision Schedule

#	Description	Date
1	Revision 1	Date 1

SCALE	1/4" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

WALL ELEVATIONS

SHEET TITLE

S403

SHEET NUMBER

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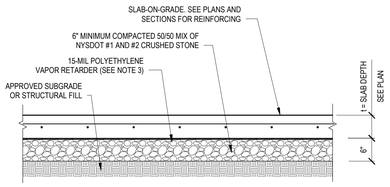
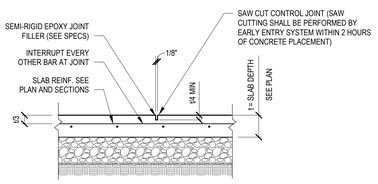


NOTES:

1. SEE PLAN AND RELATED DETAILS FOR SLAB REINFORCING REQUIREMENTS.
2. SUBGRADE SHALL BE PROOF-ROLLED. SEE NOTES SHEET S-001 AND GEOTECHNICAL REPORT.
3. PROVIDE VAPOR RETARDER UNDERNEATH ALL INTERIOR SLABS.

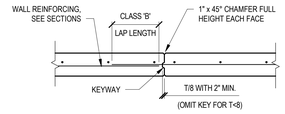
A TYP SLAB-ON-GRADE DETAIL
3/4" = 1'-0"



NOTES:

1. PROVIDE CONTROL JOINTS AS SHOWN IN PLAN.
2. NOTED ON PLAN AS CJT.

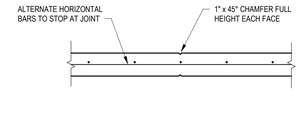
B TYP SLAB-ON-GRADE CONTROL JOINT DETAIL
3/4" = 1'-0"



NOTES:

1. LOCATE AT WALL CONTROL JOINTS 45'-0" OC MAXIMUM, UNLESS NOTED OTHERWISE ON PLANS.
2. INTERRUPT ALTERNATE BARS AT JOINTS.

C TYP CONCRETE WALL CONSTRUCTION JOINT DETAIL (PLAN)
3/4" = 1'-0"



NOTES:

1. LOCATE AT WALL CONTROL JOINTS 22'-6" OC MAXIMUM, UNLESS NOTED OTHERWISE ON PLANS.
2. INTERRUPT ALTERNATE BARS AT JOINTS.

D TYP CONCRETE FOUNDATION WALL CONTROL JOINT DETAIL (PLAN)
3/4" = 1'-0"

ACI 318-14

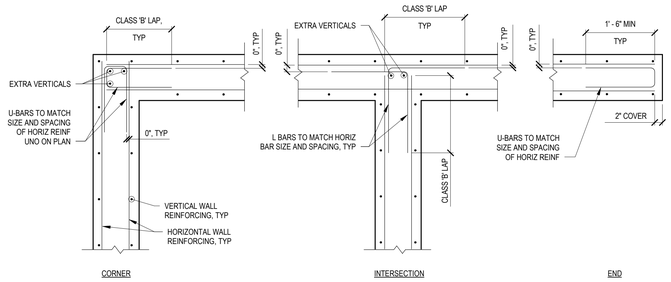
REINFORCING LAP LENGTH
CONCRETE STRENGTH = 3,000 PSI

BAR SIZE	LAP CLASS	TOP	OTHER
#3	B	17"	13"
#4	B	23"	17"
#5	B	28"	22"
#6	B	34"	26"
#7	B	49"	38"
#8	B	56"	43"
#9	B	69"	53"
#10	B	85"	66"

NOTES:

1. TABLE TO BE INCLUDED ON ALL REINFORCING SHOP DRAWINGS.
2. TENSION DEVELOPMENT AND LAP SPLICE LENGTHS FOR BARS IN WALLS, SLABS, AND FOOTINGS.
3. FOR EPOXY COATED REBAR MULTIPLY LAP LENGTH VALUES BY 1.3.

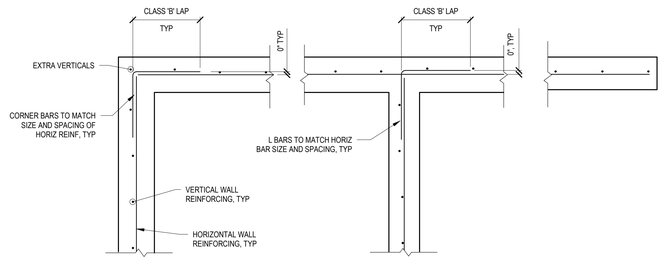
E REINFORCING LAP LENGTH SCHEDULE
NO SCALE



NOTES:

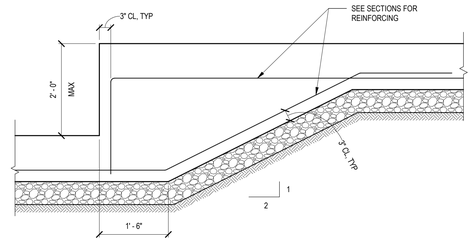
1. POSITION OF HORIZONTAL BARS SHOWN IS SCHEMATIC. BARS ARE IN ONE PLANE, UNLESS NOTED OTHERWISE IN PLAN OR SECTION.
2. DETAIL APPLES AT WALLS 10" OR GREATER.

F1 TYP CONCRETE WALL REINFORCING DETAIL (PLAN)
3/4" = 1'-0"

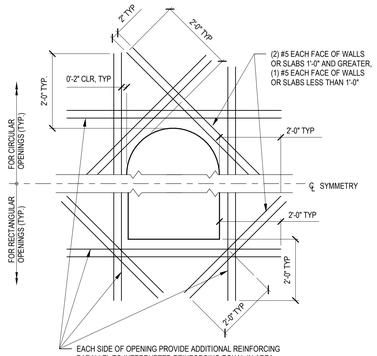


NOTE: DETAIL APPLES AT WALLS 8" OR SMALLER

F2 TYP. WALL REINFORCING AT BUILDINGS (PLAN)
3/4" = 1'-0"



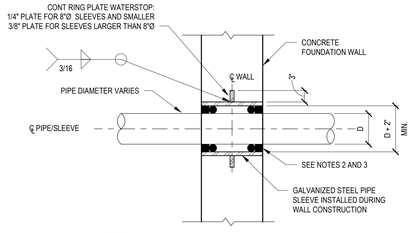
G TYP FOOTING STEP DETAIL
3/4" = 1'-0"



NOTES:

1. USE ABOVE REINFORCING AROUND ALL OPENINGS 1'-0" AND LARGER UNLESS NOTED OTHERWISE ON DRAWINGS. FOR OPENINGS LESS THAN 1'-0", NO ADDITIONAL REINFORCING IS REQUIRED. UNLESS NOTED OTHERWISE ON DRAWINGS.

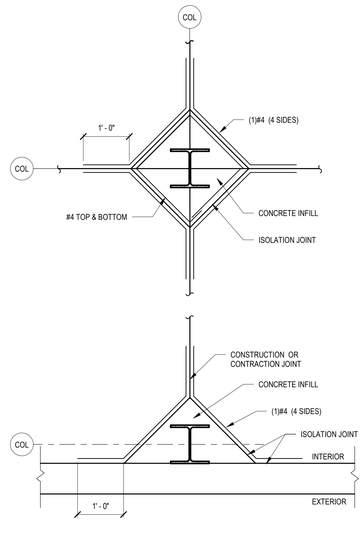
H TYP REINFORCING AT OPENINGS IN SLABS AND WALLS
3/4" = 1'-0"



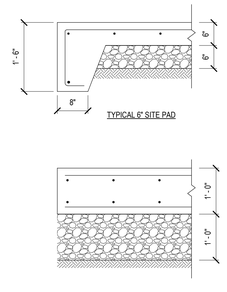
NOTES:

1. D = NOMINAL PIPE SIZE DIAMETER
2. SEAL GAP BETWEEN PIPE AND CONCRETE WALL WATER TIGHT WITH "LINK-SEAL" OR EQUAL.
3. REFERENCE CIVIL AND MECHANICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.

J TYP PIPE SLEEVE THROUGH NEW WALL
3/4" = 1'-0"



K TYP SLAB-ON-GRADE ISOLATION JOINT
3/4" = 1'-0"



L TYPICAL SITE PAD DETAIL
3/4" = 1'-0"

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Revision Schedule

#	Description	Date

SCALE	3/4" = 1'-0"
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

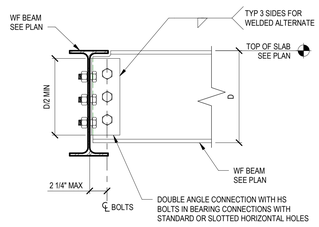
PROJECT INFORMATION

TYPICAL CONCRETE SECTIONS & DETAILS

SHEET TITLE

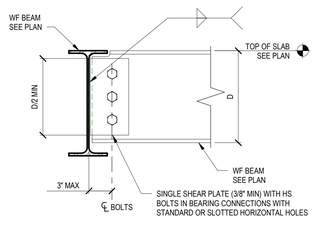
S501

SHEET NUMBER



NOTE: DESIGN CONNECTION TO DEVELOP 100% OF BEAM REACTION SHOWN ON PLAN.

A TYP FRAMED BEAM CONNECTION DETAIL
1 1/2" = 1'-0"



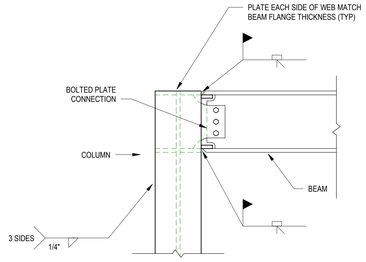
NOTE: DESIGN CONNECTION TO DEVELOP 100% OF BEAM REACTION SHOWN ON PLAN.

B TYP FRAMED BEAM CONNECTION DETAIL
1 1/2" = 1'-0"

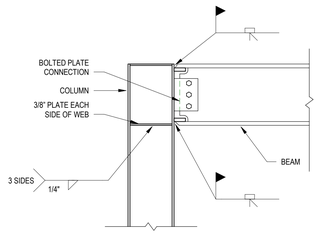
MINIMUM NUMBER OF BOLTS IN SHEAR TAB FOR BEAM CONNECTIONS	
W6	2
W8	2
W10	2
W12	3
W14	3
W16	4
W18	4
C8	2
C10	2

NOTE: ALL BOLTS SHALL BE 3/4"Ø A325N BOLTS UNO.

C MIN BOLT NUMBER TABLE
NOT TO SCALE

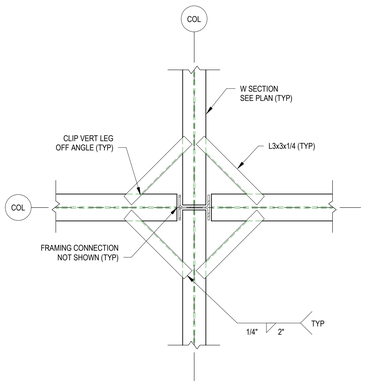


WEAK AXIS MOMENT CONNECTION

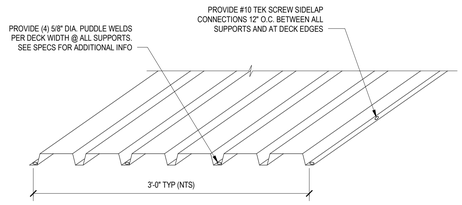


STRONG AXIS MOMENT CONNECTION

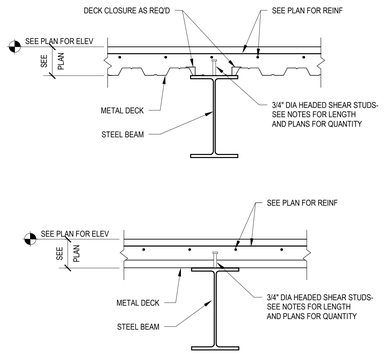
D TYP COLUMN MOMENT CONNECTION DETAILS
3/4" = 1'-0"



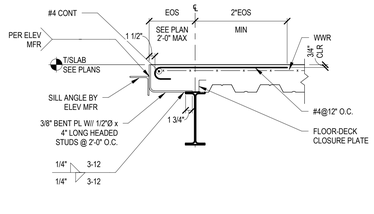
E TYP DECK SUPPORT AT COLUMN DETAIL
3/4" = 1'-0"



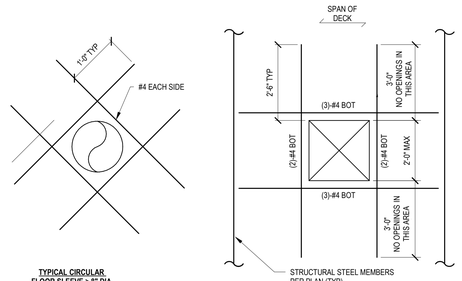
F TYP DECK CONNECTION DETAIL
NOT TO SCALE



G TYP SLAB AND COMPOSITE BEAM DETAILS
3/4" = 1'-0"



H TYP SLAB EDGE AT ELEVATOR SILL DETAIL
3/4" = 1'-0"

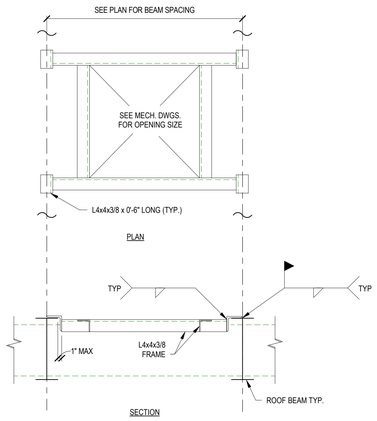


TYPICAL CIRCULAR FLOOR SLEEVE > 8" DIA

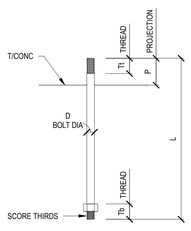
ROUND, SQUARE, OR ONE OR MORE OPENINGS IN THIS AREA

NOTES:
1. MAXIMUM CIRCULAR OPENING SIZE = 1'-4" DIA.
2. MAXIMUM RECTANGULAR OPENING SIZE = 2'-0",
3. CUT DECK AFTER CONCRETE REACHES F'C = 3000.
4. COORDINATE EXACT SIZE AND LOCATION OF OPENINGS WITH MECHANICAL AND ARCHITECTURAL REQUIREMENTS.

J TYP REINFORCING AT OPENING IN SLAB-ON-METAL DECK DETAIL
3/4" = 1'-0"



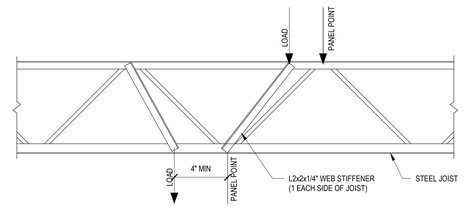
K TYP ROOF OPENING DETAIL
3/4" = 1'-0"



ANCHOR BOLT SCHEDULE					
MARK	D	L	P	T1	Tb
AB-1	3/4"	18"	4"	2 1/2"	2"
AB-2	1"	24"	4"	2 1/2"	2"
AB-3	1 1/4"	28"	5"	2 1/2"	2"

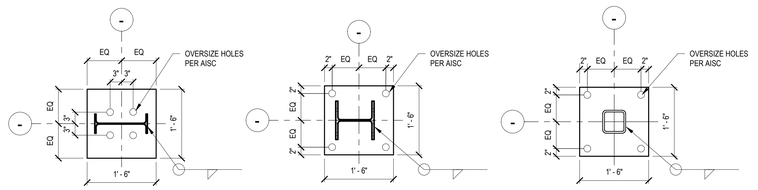
NOTE: PROVIDE WITH ANCHOR BOLTS, HEAVY HEX NUTS W/ FLAT WASHERS (5/16" MIN THICKNESS)

L TYP ANCHOR BOLT DETAIL
1 1/2" = 1'-0"



NOTE: WEB STIFFENER MUST BE INSTALLED ON ANY JOIST WHEN A CONCENTRATED LOAD IS PLACED ON THE JOIST 4" OR MORE AWAY FROM THE PANEL POINT.

M TYPICAL WEB STIFFENER DETAIL FOR "K" AND "LH" JOIST
3/4" = 1'-0"



1 TYPICAL COLUMN BASE PLATE DETAILS
NO SCALE

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Revision Schedule

#	Description	Date

SCALE	As indicated
DRAWN BY	DJD/EC
ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

TYPICAL STEEL SECTIONS & DETAILS

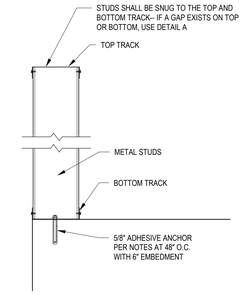
SHEET TITLE

S601

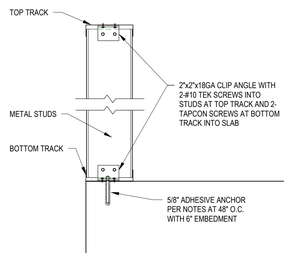
SHEET NUMBER

6/3/2021 3:46:05 PM

C:\Users\dan\OneDrive\Documents\5R21-Farm Bridge-DE STRC_degennaroengineering.rvt

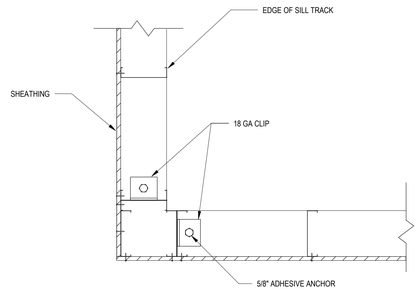


A TYP METAL STUD TO TRACK DETAIL
3/4" = 1'-0"

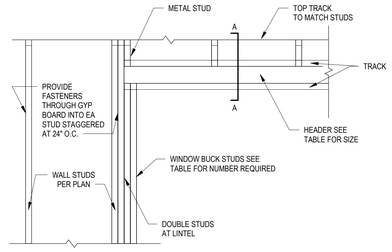


NOTES:
1. USE THIS DETAIL WHEN A GAP EXISTS BETWEEN THE METAL STUD AND TOP OR BOTTOM TRACK.

B TYP METAL STUD TO TRACK DETAIL
3/4" = 1'-0"



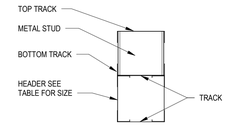
C TYP METAL STUD CORNER DETAIL
1 1/2" = 1'-0"



D TYP METAL STUD HEADER DETAIL
3/4" = 1'-0"

METAL STUD HEADER SCHEDULE

SPAN	HEADER	# OF BUCK STUDS
UP TO 8 FT	DBL 600S162-43	1
8 FT TO 12FT	DBL 800S162-43	1
12 FT TO 14 FT	DBL 1000S162-54	1
14 FT TO 16 FT	DBL 1200S162-68	2



SECTION A-A

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Revision Schedule

#	Description	Date

SCALE	As indicated
DRAWN BY	DJD/EC

ISSUED FOR	DATE
Permit	6.3.2021

Project Number

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

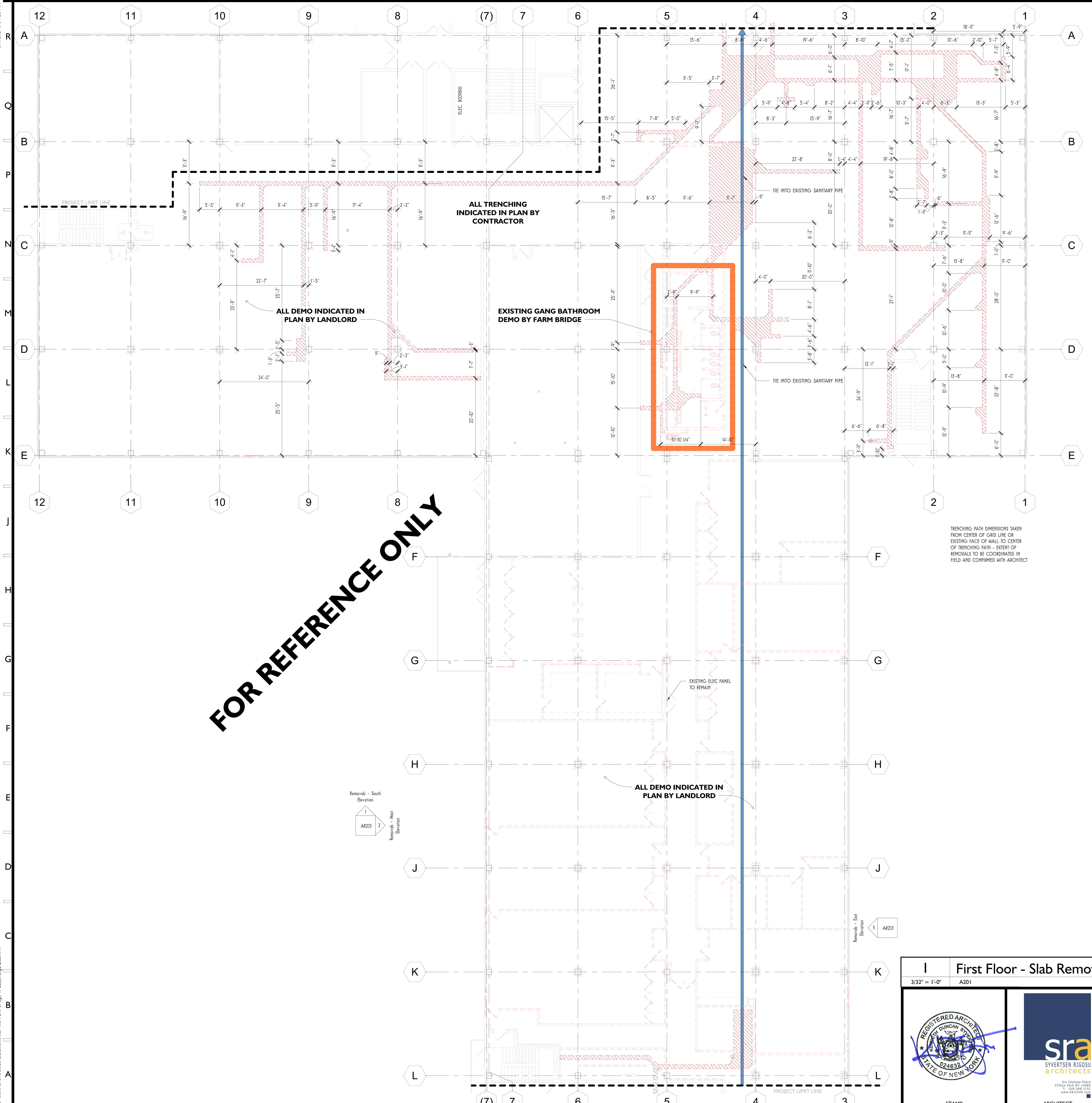
PROJECT INFORMATION

TYPICAL LIGHT GAGE SECTIONS & DETAILS

SHEET TITLE

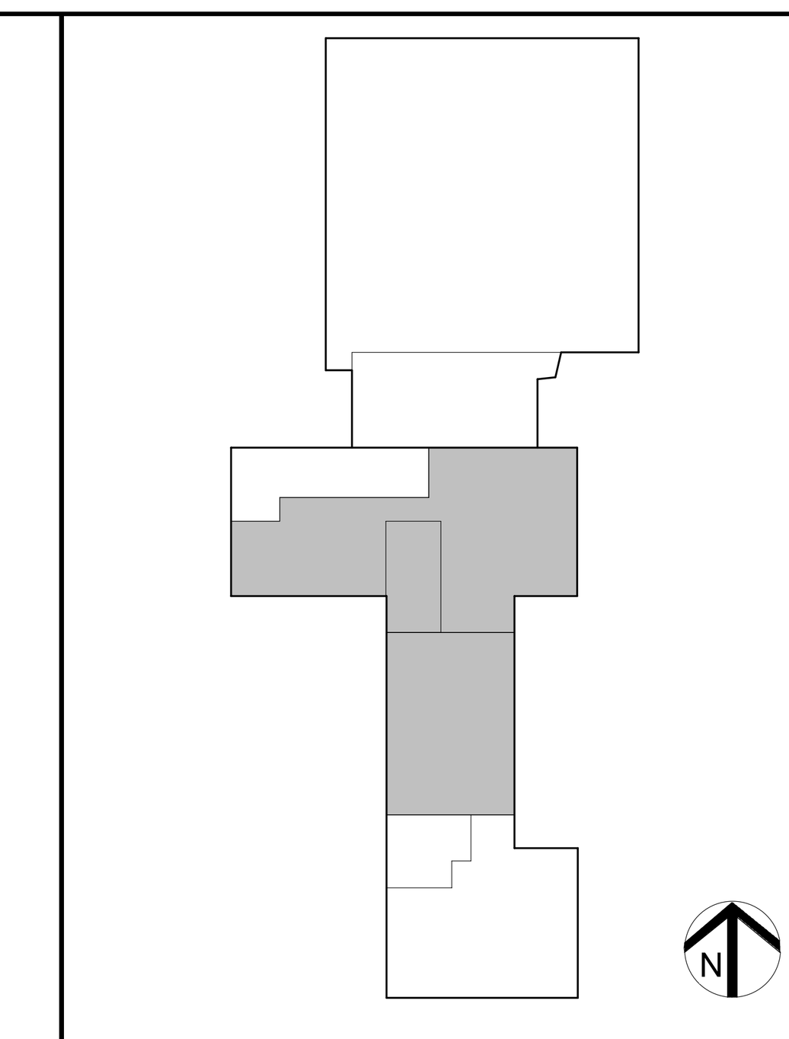
S602

SHEET NUMBER



Removals Legend

- REMOVE EXISTING WALL COMPLETE
- REMOVE EXISTING WINDOW. SEE REMOVAL ELEVATIONS FOR MORE INFO. COMPLETE
- REMOVE EXISTING DOOR, FRAME, AND ACCESSORIES COMPLETE
- REMOVE EXISTING SINK AND ACCESSORIES COMPLETE (MIRROR, SOAP DISPENSER, ETC.) COMPLETE
- REMOVE EXISTING SINK AND ACCESSORIES COMPLETE
- REMOVE EXISTING TOILET AND ACCESSORIES COMPLETE
- REMOVE EXISTING URINAL AND ACCESSORIES COMPLETE
- R 01 — KEYNOTE (REFER TO KEYNOTE LEGEND) COMLPETE
- R# — REMOVAL WALL TYPE (SEE A001) COMPLETE
- REMOVAL EXISTING FLOOR OR ROOF AREA COMPLETE
- REMOVAL EXISTING MOP SINK AND ACCESSORIES COMPLETE
- REMOVE EXISTING DRINKING FOUNTAIN AND ACCESSORIES COMPLETE



Keyplan (Not to Scale)

General Demolition Notes

D1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES. OMISSIONS AND/OR CONFLICTS PRIOR TO PERFORMINGS ANY WORK IN QUESTION.

D2. ALL DEMOLITION WORK SHALL BE DONE NEATLY AND WITHOUT DAMAGE TO REMAINING CONSTRUCTION. THE AREA SHALL BE CLEAR OF ALL DEBRIS, FLOOR COVERING AND RESIDUAL ADHESIVE, MORTAR BED, ETC. AND LEFT CLEAN.

D3. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION ITEMS TO REMAIN DURING DEMOLITION. NOTIFY ARCHITECT/BUILDING MANAGEMENT IF ANY ITEMS ARE DAMAGED.

D4. WHERE WORK CONNECTS WITH EXISTING, THE CONTRACTOR SHALL DO NECESSARY CUTTING, FITTING AND PATCHING. HE SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK AND PROTECT ALL EXISTING WORK FROM DAMAGE.

D5. PROVIDE TRASH REMOVAL AND DUMPSTER CONTAINER FOR DEMOLITION DEBRIS ONLY. REMOVE ALL DEBRIS FROM BUILDING DAILY, COORDINATE EXACT PROCEDURES AND STAGING WITH BUILDING MANAGEMENT.

D6. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF BASE BLDG, FIRE RESISTANCE RATING, REGARDLESS OF INTERIOR BUILD-OUT REQUIREMENTS. I.E. DEMISING WALLS, SHAFT ENCLOSURES, COLUMN SPACE PROTECTION, FLOOR/CEILING ASSEMBLIES, ROOF/CEILING ASSEMBLIES.

D7. REMOVE ABANDONED SYSTEMS (CABLING, CONTROLS, MOUNTING DEVICES, ETC.) REMOVE ELECTRIC TO J. BOX OR ELECTRICAL PANEL, SUSPEND DUCT WORK, RE-USED WIRING, AND ELECTRIC LIGHTS FROM STRUCTURE FOR POSSIBLE RE-USE, IN ACCORDANCE WITH CURRENT CODES, ANY WIRING NOT DESIGNATED FOR RE-USE IS TO BE REMOVED BY THE GENERAL CONTRACTOR OR THE NEW SYSTEMS INSTALLER, ALL SALVAGED MATERIALS ARE TO REMAIN THE PROPERTY OF THE BUILDING OWNER.

D8. PROVIDE DUST SCREENS WHERE DEMOLITION REQUIRES CONSTRUCTION TO BE EXPOSED TO NORMAL OPERATIONS OF THE FACILITY.

D9. REMOVE ALL EXISTING PIPING, WIRING, HARDWARE, ETC THAT IS MADE OBSOLETE CONSTRUCTION.

D10. RELOCATE AND RECONFIGURE EXISTING HEADS OF SPRINKLER SYSTEM AS NEEDED FOR NEW LAYOUT AND CODE COMPLIANCE.

General Removal Notes - Dust Control

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO DUSTS AND FUMES GENERATED FROM DEMOLITION AND OTHER ACTIVITIES, AND THAT PREVENT ACCUMULATION OF VISIBLE SURFACE DUST OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST, INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

General Removal Notes - Lead Paint

WORK ON THIS PROJECT MAY INVOLVE THE DISTURBANCE OF LEAD-CONTAINING PAINT. CONTRACTOR SHALL PRESUME THAT ANY PAINTED SURFACE CONTAINS LEAD. DISTURBANCE OF ANY PAINTED SURFACE TRIGGERS THE REQUIREMENTS BELOW:

A. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS INCLUDING BUT NOT LIMITED TO 29 CFR 1926.62 LEAD IN CONSTRUCTION. THIS REQUIREMENT INCLUDES COMPLETION OF LEAD AWARENESS TRAINING AND NEGATIVE EXPOSURE ASSESSMENTS AS NECESSARY FOR TASKS WHERE EXPOSURE MAY EXIST. OSHA REGULATIONS APPLY TO MATERIALS CONTAINING ANY DETECTABLE CONCENTRATION OF LEAD.

B. WORK AREA SURFACES THAT MAY BE EXPOSED TO AND CONTAMINATED WITH LEAD-CONTAINING DUSTS AND FUMES SHALL BE CLEANED OF VISIBLE DUST AND DEBRIS AT THE CONCLUSION OF DEMOLITION TASKS USING WET CLEANING METHODS.

General Removal Notes - Silica Requirements

OPERATIONS INVOLVING CUTTING, DRILLING OR DEMOLITION OF CONCRETE CAN GENERATE EXPOSURE OF REPAIRABLE SILICA DUST. ENGINEERING CONTROLS AND WORK METHODS SHALL BE IN PLACE TO MINIMIZE POTENTIAL EXPOSURES.

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO SILICA DUSTS GENERATED FROM PROJECT ACTIVITIES, AND THAT PREVENT SURFACE CONTAMINATION OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED LOCAL VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

FOR HIGH DUST ACTIVITIES SUCH AS SAWING, CONTRACTOR SHALL USE WET METHODS AND OR TOOL EQUIPPED LOCAL EXHAUST TO SUPPRESS DUST AT THE SOURCE.

General Asbestos Notes

A. PRIOR TO REMOVALS, REFER TO THE SEPTEMBER 22ND, 2020 ASBESTOS BULK SAMPLE ANALYSIS REPORT BY PARADIGM ENVIRONMENTAL, LLC.

B. PERFORM ALL WORK IN ACCORDANCE ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

C. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. FIELD VERIFY AT THE SITE PRIOR TO BIDDING.

D. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY OWNER OR OWNER'S REPRESENTATIVE.

E. COORDINATE THE LOCATION OF ANY SITE STORAGE MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER WITH THE OWNER OR OWNER'S REPRESENTATIVE.

F. CONTRACTOR IS RESPONSIBLE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE THEFT OR DAMAGE.

G. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION. CONTRACTOR SHALL ENSURE THAT UNCERTIFIED PERSONNEL OR UNAUTHORIZED VISITORS DO NOT ENTER ACTIVE WORK AREAS AT ANT TIME.

H. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS AND BUILDING IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDINGS AS A RESULT OF IMPROPER TEMPORARY PROTECTION.

I. ALL WORK, STAGING, AND ACCESS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE.

J. IF ADDITIONAL ASBESTOS, PCBS, OR OTHER SUSPECT MATERIALS ARE DISCOVERED AND/OR DISTURBED, CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER OR OWNER'S REPRESENTATIVE.

Removals Keynote Legend

Discipline	Keynote #	Description
R	01	REMOVE EXISTING FINISH FLOOR DOWN TO CONCRETE SLAB COMPLETE
R	02	REMOVE ALL STOREFRONT GLAZING AND MULLIONS FOR THE EXTENT SHOWN COMPLETE
R	03	REMOVE EXISTING SUSPENDED CEILING AND ASSOCIATED ELECTRICAL FIXTURES COMPLETE
R	04	REMOVE EXISTING DOOR AND FRAME COMPLETE
R	05	REMOVE EXISTING PLUMBING FIXTURES COMPLETE
R	06	REMOVE EXISTING FLOOR MOUNTED SECURITY EQUIPMENT, COMPLETE
R	07	REMOVE EXISTING ELECTRICAL CLOSET.
R	10	REMOVE ALL COUNTERTOPS AND ASSOCIATED CASEWORK COMPLETE
R	15	SALVAGE AND REUSE EXISTING FIRE EXTINGUISHER CABINET.

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**

1 — First Floor - Slab Removal Plan
3/32" = 1'-0" — A201

STAMP

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Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

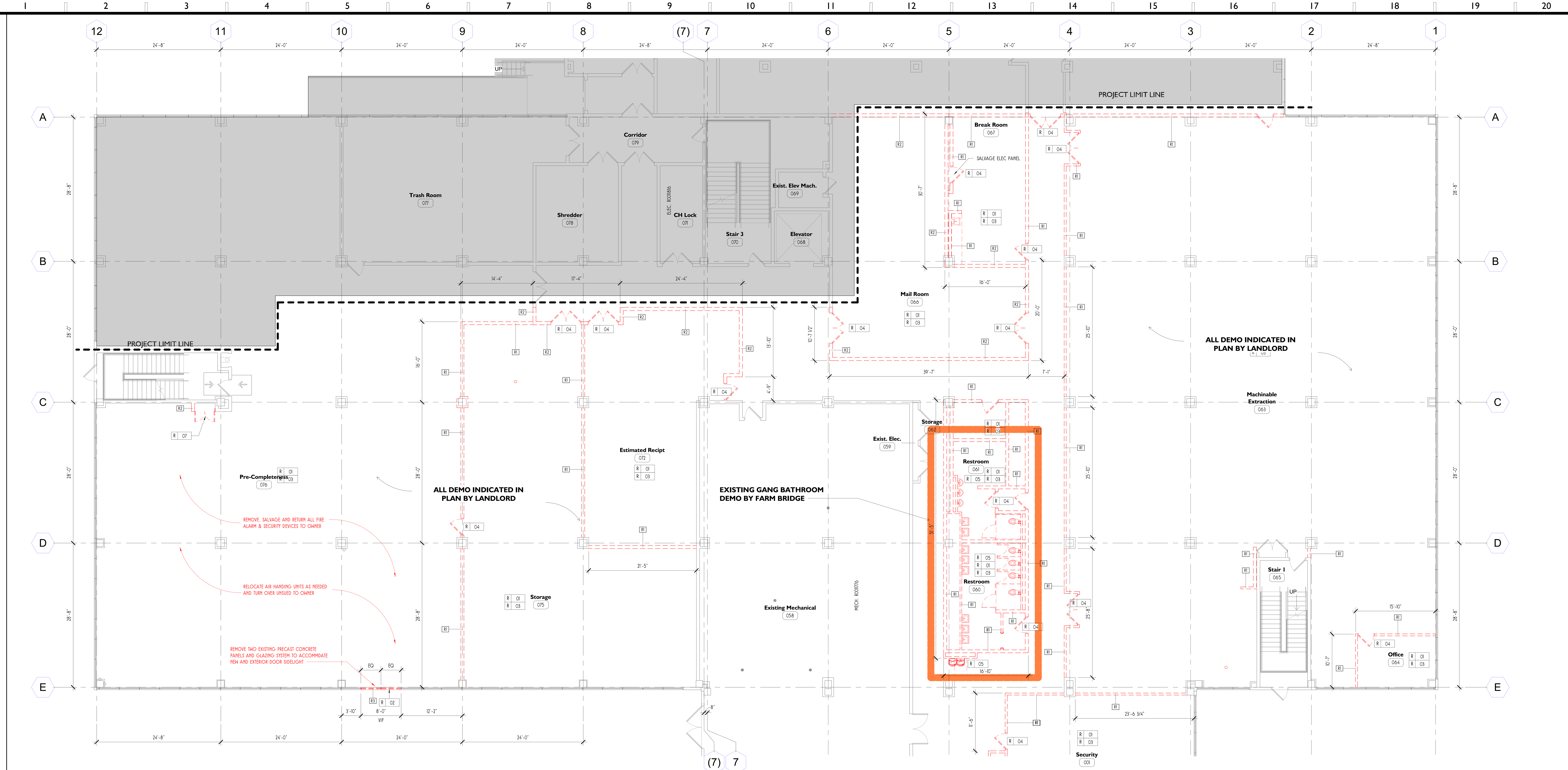
SCALE: As indicated
DRAWN BY: JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

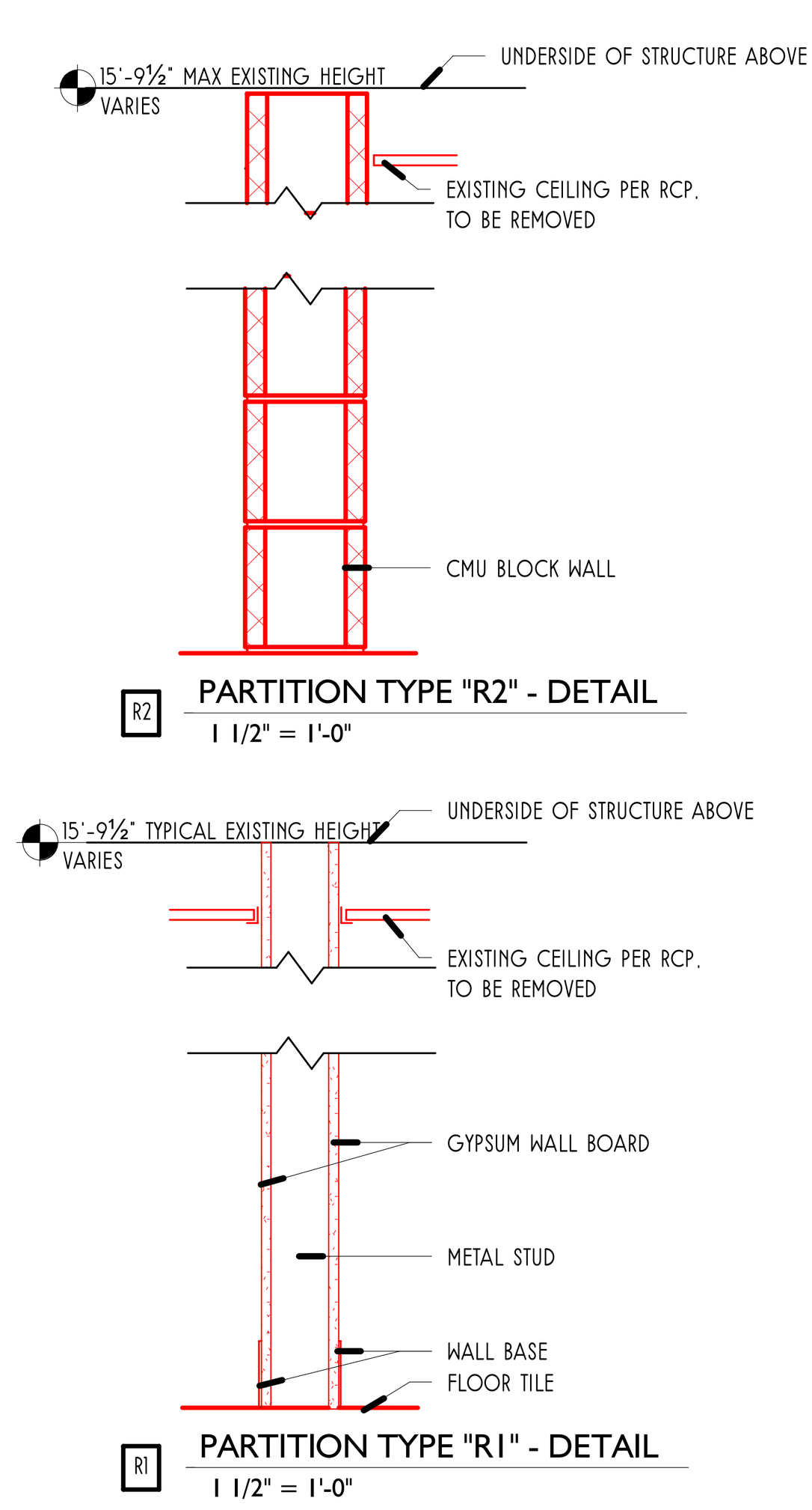
907 20 002

The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

Slab & Elevation Removals
SHEET TITLE
AR100
SHEET NUMBER



1 First Floor Removal Plan - Partial North
1/8" = 1'-0" A201



3 Partition Removals
1" = 1'-0"

General Demolition Notes

D1. **CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES. OMISSIONS AND/OR CONFLICTS PRIOR TO PERFORMINGS ANY WORK IN QUESTION.**

D2. ALL DEMOLITION WORK SHALL BE DONE NEATLY AND WITHOUT DAMAGE TO REMAINING CONSTRUCTION. THE AREA SHALL BE CLEAR OF ALL DEBRIS, FLOOR COVERING AND RESIDUAL ADHESIVE, MORTAR BED, ETC. AND LEFT CLEAN.

D3. THE CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION ITEMS TO REMAIN DURING DEMOLITION. NOTIFY ARCHITECT/BUILDING MANAGEMENT IF ANY ITEMS ARE DAMAGED.

D4. WHERE WORK CONNECTS WITH EXISTING, THE CONTRACTOR SHALL DO NECESSARY CUTTING, FITTING AND PATCHING. HE SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK AND PROTECT ALL EXISTING WORK FROM DAMAGE.

D5. PROVIDE TRASH REMOVAL AND DUMPSTER CONTAINER FOR DEMOLITION DEBRIS ONLY. REMOVE ALL DEBRIS FROM BUILDING DAILY, COORDINATE EXACT PROCEDURES AND STAGING WITH BUILDING MANAGEMENT.

D6. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF BASE BLDG, FIRE RESISTANCE RATING, REGARDLESS OF INTERIOR BUILD-OUT REQUIREMENTS. I.E. DEMISING WALLS, SHAFT ENCLOSURES, COLUMN SPACE PROTECTION, FLOOR/CEILING ASSEMBLIES, ROOF/CEILING ASSEMBLIES.

D7. REMOVE ABANDONED SYSTEMS (CABLING, CONTROLS, MOUNTING DEVICES, ETC.) REMOVE ELECTRIC TO J. BOX OR ELECTRICAL PANEL, SUSPEND DUCT WORK, RE-USED WIRING, AND ELECTRIC LIGHTS FROM STRUCTURE FOR POSSIBLE RE-USE, IN ACCORDANCE WITH CURRENT CODES, ANY WIRING NOT DESIGNATED FOR RE-USE IS TO BE REMOVED BY THE GENERAL CONTRACTOR OR THE NEW SYSTEMS INSTALLER, ALL SALVAGED MATERIALS ARE TO REMAIN THE PROPERTY OF THE BUILDING OWNER.

D8. PROVIDE DUST SCREENS WHERE DEMOLITION REQUIRES CONSTRUCTION TO BE EXPOSED TO NORMAL OPERATIONS OF THE FACILITY.

D9. REMOVE ALL EXISTING PIPING, WIRING, HARDWARE, ETC THAT IS MADE OBSOLETE CONSTRUCTION.

D10. RELOCATE AND RECONFIGURE EXISTING HEADS OF SPRINKLER SYSTEM AS NEEDED FOR NEW LAYOUT AND CODE COMPLIANCE.

General Asbestos Notes

A. PRIOR TO REMOVALS, REFER TO THE SEPTEMBER 22ND, 2020 ASBESTOS BULK SAMPLE ANALYSIS REPORT BY PARADIGM ENVIRONMENTAL, LLC.

B. PERFORM ALL WORK IN ACCORDANCE ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

C. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. FIELD VERIFY AT THE SITE PRIOR TO BIDDING.

D. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY OWNER OR OWNER'S REPRESENTATIVE.

E. COORDINATE THE LOCATION OF ANY SITE STORAGE MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER WITH THE OWNER OR OWNER'S REPRESENTATIVE.

F. CONTRACTOR IS RESPONSIBLE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE THEFT OR DAMAGE.

G. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION. CONTRACTOR SHALL ENSURE THAT UNCERTIFIED PERSONNEL OR UNAUTHORIZED VISITORS DO NOT ENTER ACTIVE WORK AREAS AT ANT TIME.

H. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS AND BUILDING IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDINGS AS A RESULT OF IMPROPER TEMPORARY PROTECTION.

I. ALL WORK, STAGING, AND ACCESS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE.

J. IF ADDITIONAL ASBESTOS, PCBS, OR OTHER SUSPECT MATERIALS ARE DISCOVERED AND/OR DISTURBED, CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER OR OWNER'S REPRESENTATIVE.

General Removal Notes - Dust Control

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO DUSTS AND FUMES GENERATED FROM DEMOLITION AND OTHER ACTIVITIES, AND THAT PREVENT ACCUMULATION OF VISIBLE SURFACE DUST OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST, INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

General Removal Notes - Lead Paint

WORK ON THIS PROJECT MAY INVOLVE THE DISTURBANCE OF LEAD-CONTAINING PAINT. CONTRACTOR SHALL PRESUME THAT ANY PAINTED SURFACE CONTAINS LEAD. DISTURBANCE OF ANY PAINTED SURFACE TRIGGERS THE REQUIREMENTS BELOW:

A. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS INCLUDING BUT NOT LIMITED TO 29 CFR 1926.62 LEAD IN CONSTRUCTION. THIS REQUIREMENT INCLUDES COMPLETION OF LEAD AWARENESS TRAINING AND NEGATIVE EXPOSURE ASSESSMENTS AS NECESSARY FOR TASKS WHERE EXPOSURE MAY EXIST. OSHA REGULATIONS APPLY TO MATERIALS CONTAINING ANY DETECTABLE CONCENTRATION OF LEAD.

B. WORK AREA SURFACES THAT MAY BE EXPOSED TO AND CONTAMINATED WITH LEAD-CONTAINING DUSTS AND FUMES SHALL BE CLEANED OF VISIBLE DUST AND DEBRIS AT THE CONCLUSION OF DEMOLITION TASKS USING WET CLEANING METHODS.

General Removal Notes - Silica Requirements

OPERATIONS INVOLVING CUTTING, DRILLING OR DEMOLITION OF CONCRETE CAN GENERATE EXPOSURE OF REPAIRABLE SILICA DUST. ENGINEERING CONTROLS AND WORK METHODS SHALL BE IN PLACE TO MINIMIZE POTENTIAL EXPOSURES.

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO SILICA DUSTS GENERATED FROM PROJECT ACTIVITIES, AND THAT PREVENT SURFACE CONTAMINATION OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED LOCAL VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

FOR HIGH DUST ACTIVITIES SUCH AS SAWING, CONTRACTOR SHALL USE WET METHODS AND OR TOOL EQUIPPED LOCAL EXHAUST TO SUPPRESS DUST AT THE SOURCE.

Removals Keynote Legend

Discipline	Keynote #	Description
R	01	REMOVE EXISTING FINISH FLOOR DOWN TO CONCRETE SLAB COMPLETE
R	02	REMOVE ALL STOREFRONT GLAZING AND MULLIONS FOR THE EXTENT SHOWN COMPLETE
R	03	REMOVE EXISTING SUSPENDED CEILING AND ASSOCIATED ELECTRICAL FIXTURES COMPLETE
R	04	REMOVE EXISTING DOOR AND FRAME COMPLETE
R	05	REMOVE EXISTING PLUMBING FIXTURES COMPLETE
R	06	REMOVE EXISTING FLOOR MOUNTED SECURITY EQUIPMENT, COMPLETE
R	07	REMOVE EXISTING ELECTRICAL CLOSET.
R	10	REMOVE ALL COUNTERTOPS AND ASSOCIATED CASEWORK COMPLETE
R	15	SALVAGE AND REUSE EXISTING FIRE EXTINGUISHER CABINET.

Removals Legend

REMOVE EXISTING WALL COMPLETE

REMOVE EXISTING WINDOW. SEE REMOVAL ELEVATIONS FOR MORE INFO. COMPLETE

REMOVE EXISTING DOOR, FRAME, AND ACCESSORIES COMPLETE

REMOVE EXISTING SINK AND ACCESSORIES COMPLETE (MIRROR, SOAP DISPENSER, ETC.) COMPLETE

REMOVE EXISTING SINK AND ACCESSORIES COMPLETE

REMOVE EXISTING TOILET AND ACCESSORIES COMPLETE

REMOVE EXISTING URINAL AND ACCESSORIES COMPLETE

R 01 — KEYNOTE (REFER TO KEYNOTE LEGEND) COMLPETE

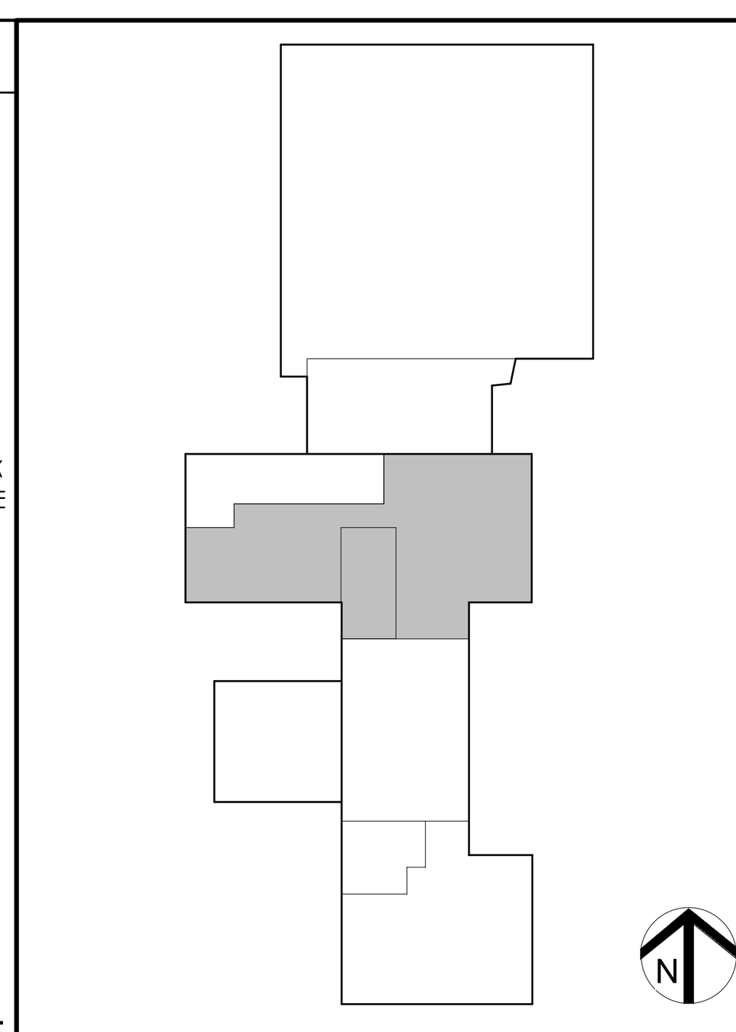
R# — REMOVAL WALL TYPE (SEE A001) COMPLETE

REMOVAL EXISTING FLOOR OR ROOF AREA COMPLETE

REMOVAL EXISTING MOP SINK AND ACCESSORIES COMPLETE

REMOVE EXISTING DRINKING FOUNTAIN AND ACCESSORIES COMPLETE

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**



Key Plan (Not to Scale)

STAMP

SYVERTSEN RIGOSU architects
Six Chelsea Place
Clifton Park NY 12065
T: 518.348.1151
www.SArch3D.com

ARCHITECT

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

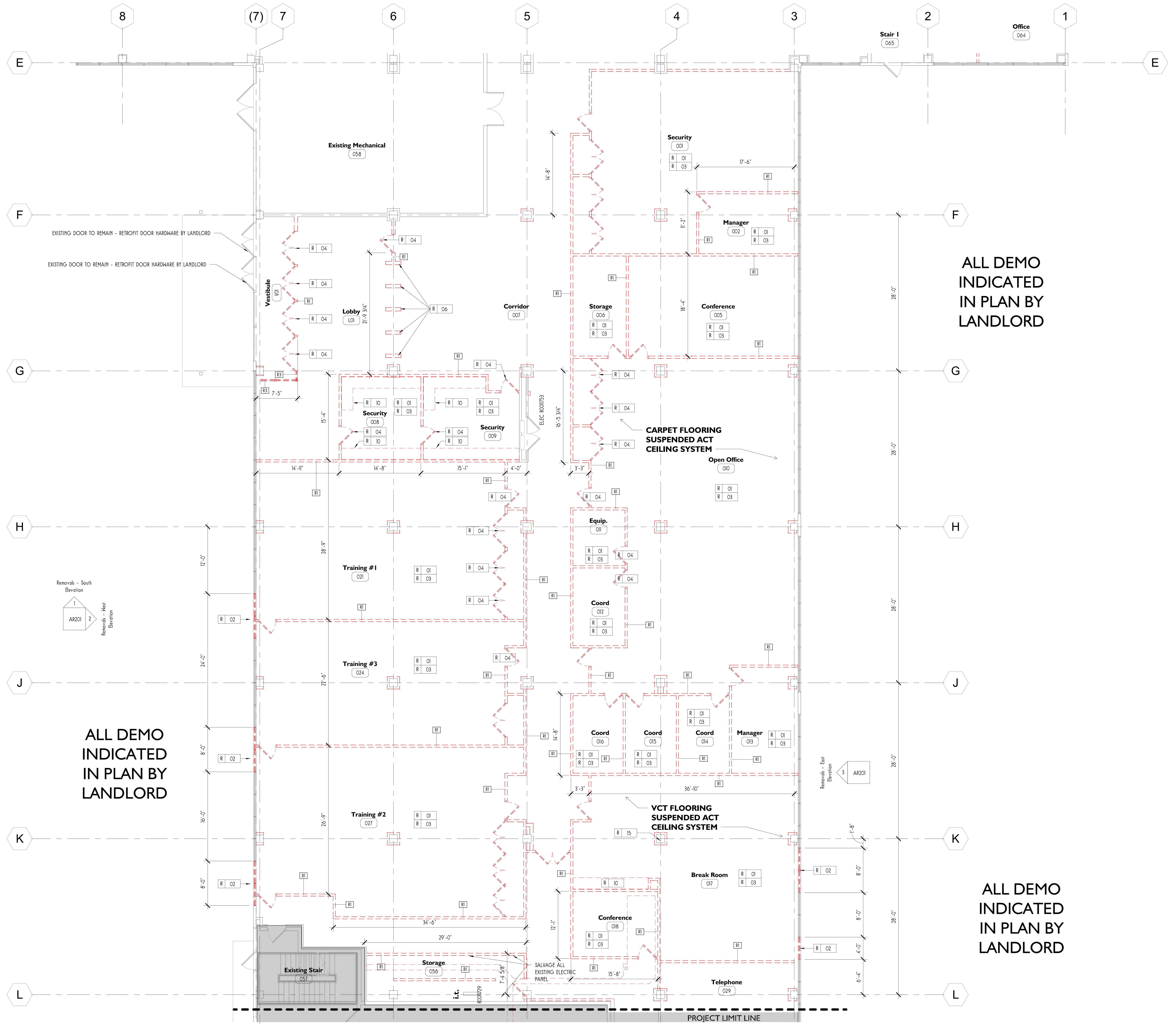
PROJECT INFORMATION

First Floor Removals Plan - Partial North

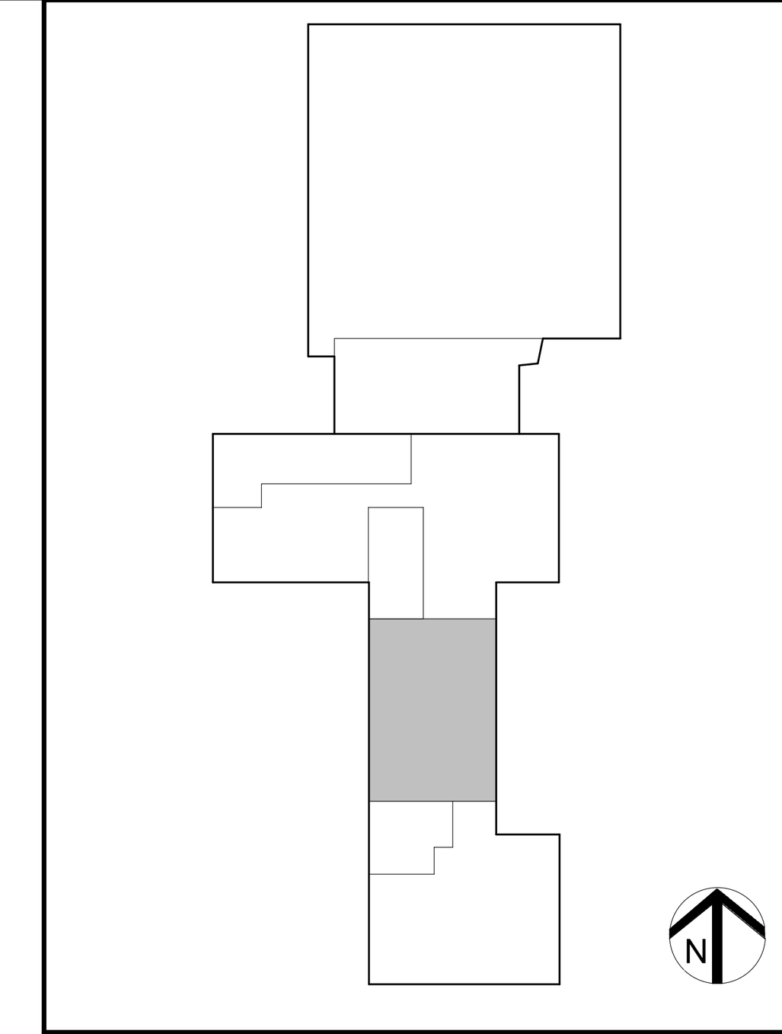
SHEET TITLE

AR101

SHEET NUMBER

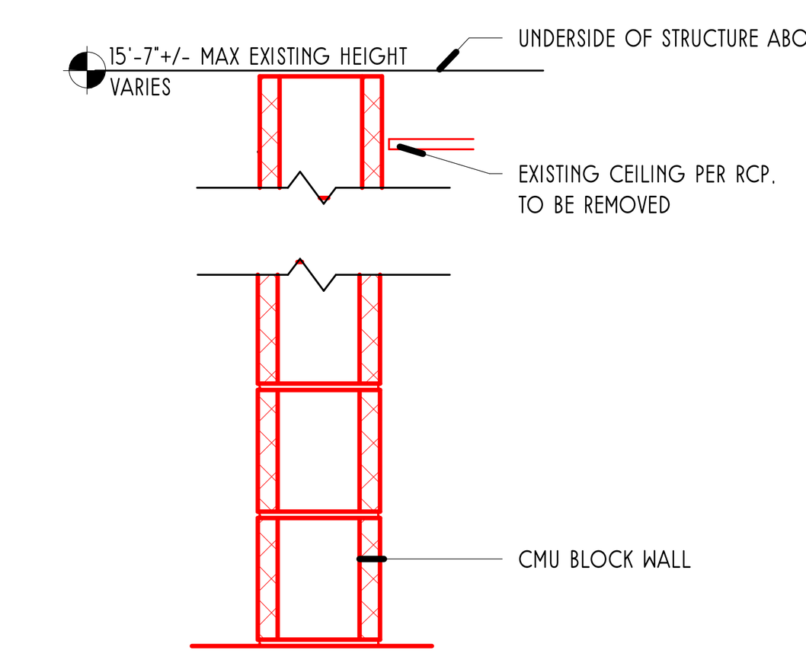


1	First Floor - Partial South Removal Plan
1/8" = 1'-0"	A201

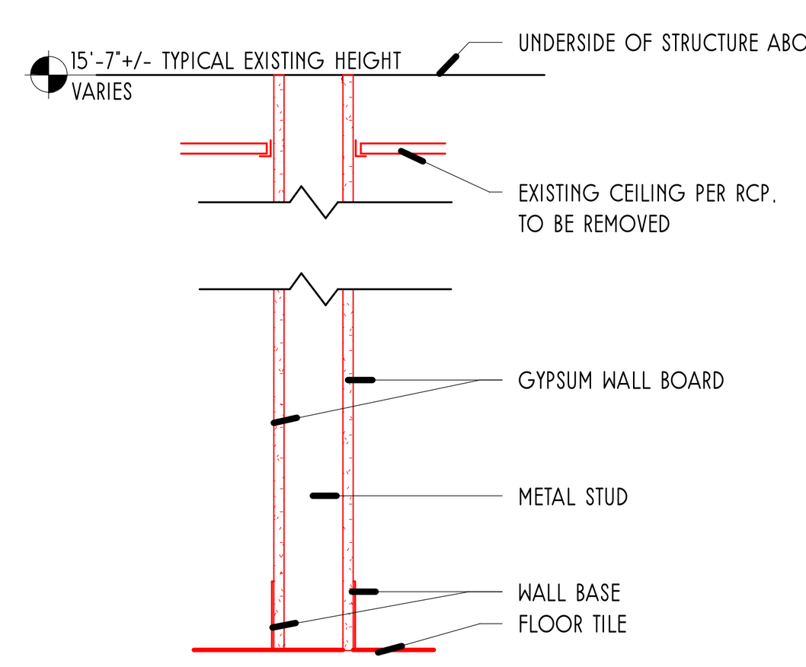


Keyplan (Not to Scale)

EXISTING HEIGHTS TO BE VERIFIED BY CONTRACTOR
B.O. 2ND FLOOR CONC WAFFLE SLAB HIGH - 15'-9" +/-
B.O. 2ND FLOOR CONC WAFFLE SLAB LOW - 14'-8" +/-
B.O. CONC AT COLUMN GRID LINE - 13'-5" +/-



R2 PARTITION TYPE "R2" - DETAIL
1 1/2" = 1'-0"



R1 PARTITION TYPE "R1" - DETAIL
1 1/2" = 1'-0"

3 Partition Removals
1" = 1'-0"

Removals Legend

Symbol	Description	Symbol	Description
(dashed red lines)	REMOVE EXISTING WALL COMPLETE	R 01	KEYNOTE (REFER TO KEYNOTE LEGEND) COMLPETE
(window symbol)	REMOVE EXISTING WINDOW. SEE REMOVAL ELEVATIONS FOR MORE INFO. COMPLETE	R#	REMOVAL WALL TYPE (SEE A001) COMPLETE
(door symbol)	REMOVE EXISTING DOOR, FRAME, AND ACCESSORIES COMPLETE	(hatched area)	REMOVAL EXISTING FLOOR OR ROOF AREA COMPLETE
(sink symbol)	REMOVE EXISTING SINK AND ACCESSORIES COMPLETE (MIRROR, SOAP DISPENSER, ETC.) COMPLETE	(mop sink symbol)	REMOVAL EXISTING MOP SINK AND ACCESSORIES COMPLETE
(sink symbol)	REMOVE EXISTING SINK AND ACCESSORIES COMPLETE	(drinking fountain symbol)	REMOVE EXISTING DRINKING FOUNTAIN AND ACCESSORIES COMPLETE
(toilet symbol)	REMOVE EXISTING TOILET AND ACCESSORIES COMPLETE		
(urinal symbol)	REMOVE EXISTING URINAL AND ACCESSORIES COMPLETE		

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Removals Keynote Legend

Discipline	Keynote #	Description
R	01	REMOVE EXISTING FINISH FLOOR DOWN TO CONCRETE SLAB COMPLETE
R	02	REMOVE ALL STOREFRONT GLAZING AND MULLIONS FOR THE EXTENT SHOWN COMPLETE
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R	04	REMOVE EXISTING DOOR AND FRAME COMPLETE
R	05	REMOVE EXISTING PLUMBING FIXTURES COMPLETE
R	06	REMOVE EXISTING FLOOR MOUNTED SECURITY EQUIPMENT, COMPLETE
R	07	REMOVE EXISTING ELECTRICAL CLOSET.
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CONSULTANT

STAMP: REGISTERED ARCHITECT · KENNETH DUNCAN SYVERTSEN · 024632 · STATE OF NEW YORK

ARCHITECT: SYVERTSEN RIGOSU architects, Six Chelsea Place, Clifton Park NY 12065, T: 518.348.1151, www.SArch3D.com

Revision Schedule		
#	Description	Date

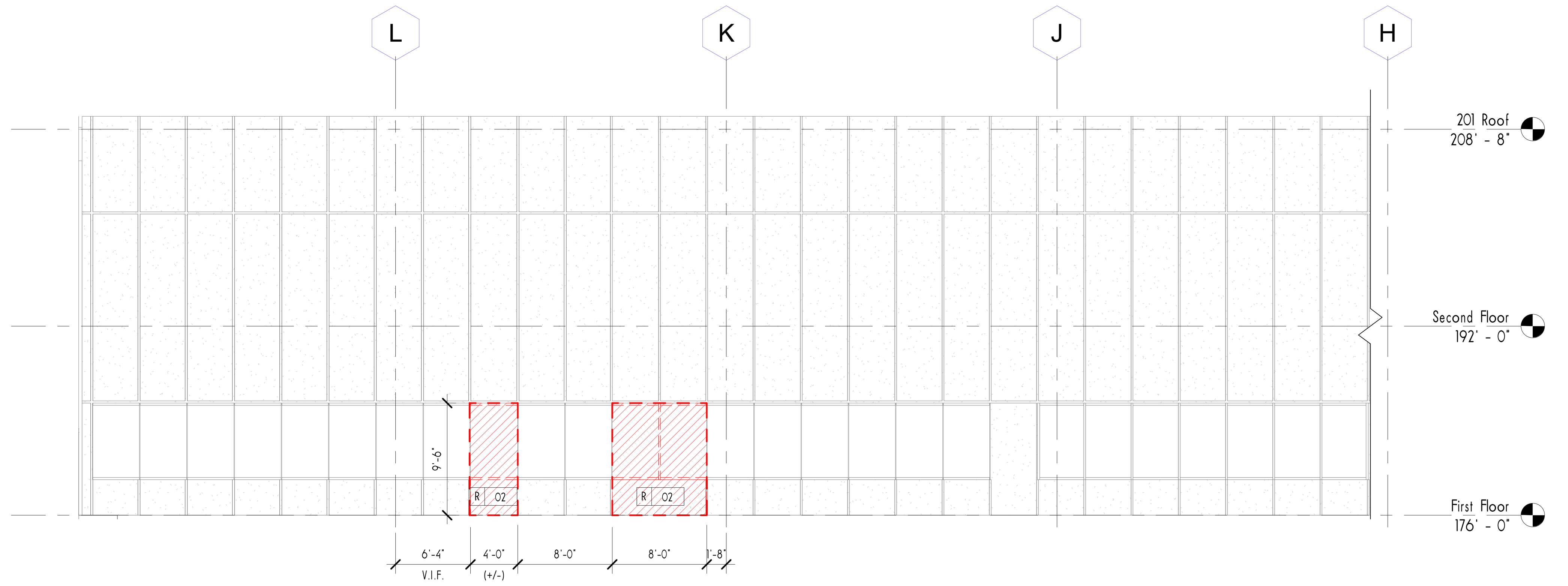
SCALE	As indicated
DRAWN BY	JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

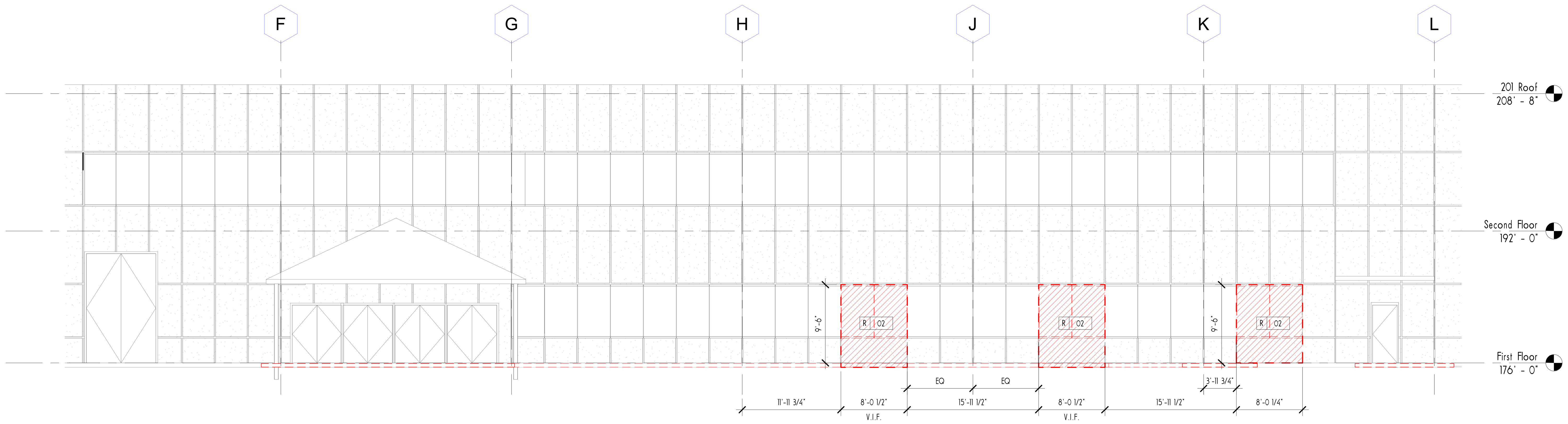
907 20 002

The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

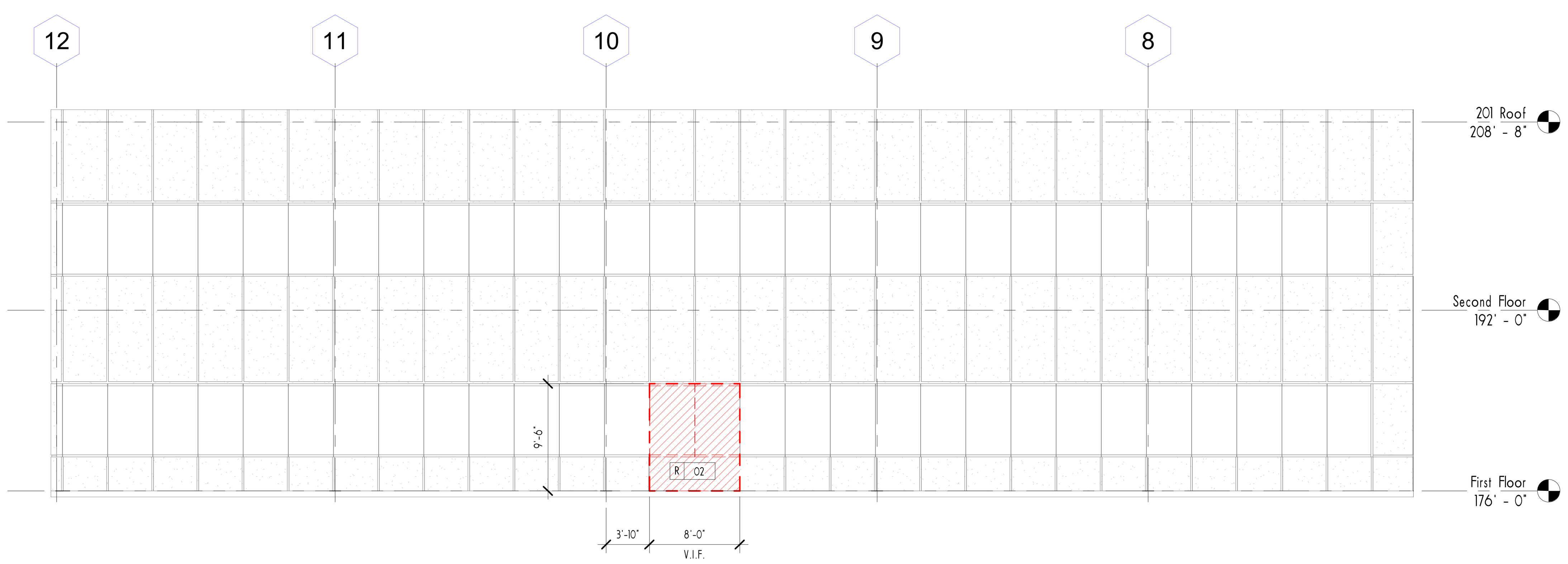
First Floor Removals Plan - Partial South
SHEET TITLE
AR102
SHEET NUMBER



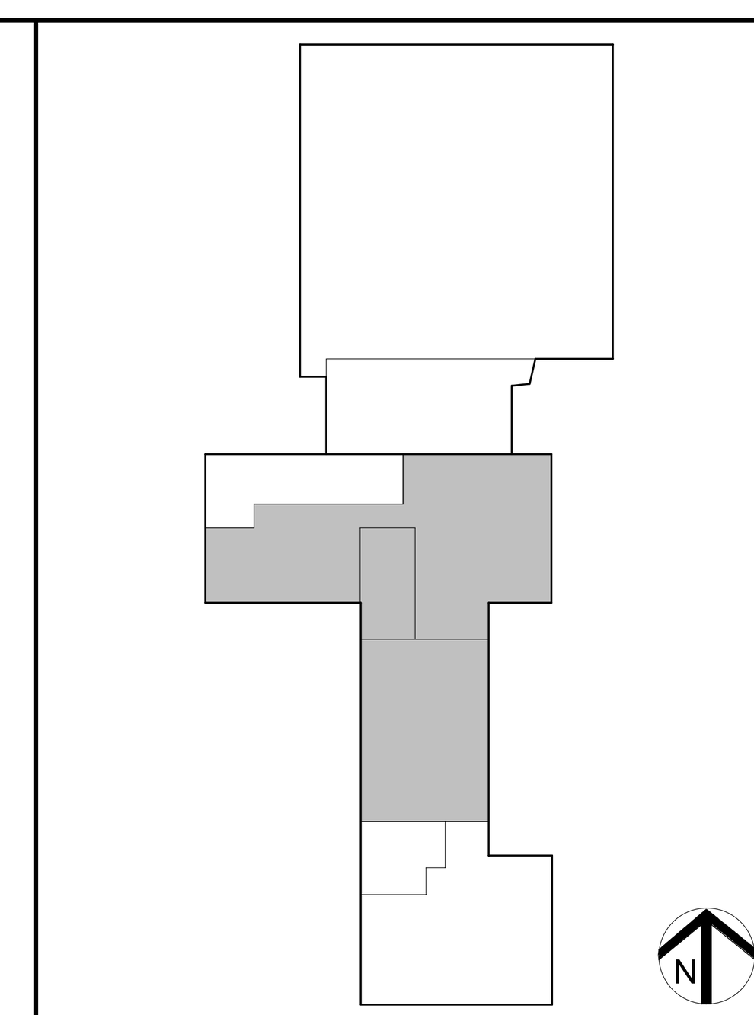
3 Removals - East Elevation
1/8" = 1'-0" AR100



2 Removals - West Elevation
1/8" = 1'-0" AR100



1 Removals - South Elevation
1/8" = 1'-0" A101



Keyplan (Not to Scale)

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D10. RELOCATE AND RECONFIGURE EXISTING HEADS OF SPRINKLER SYSTEM AS NEEDED FOR NEW LAYOUT AND CODE COMPLIANCE.

General Removal Notes - Dust Control

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO DUSTS AND FUMES GENERATED FROM DEMOLITION AND OTHER ACTIVITIES, AND THAT PREVENT ACCUMULATION OF VISIBLE SURFACE DUST OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST, INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

General Removal Notes - Lead Paint

WORK ON THIS PROJECT MAY INVOLVE THE DISTURBANCE OF LEAD-CONTAINING PAINT. CONTRACTOR SHALL PRESUME THAT ANY PAINTED SURFACE CONTAINS LEAD. DISTURBANCE OF ANY PAINTED SURFACE TRIGGERS THE REQUIREMENTS BELOW:

A. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS INCLUDING BUT NOT LIMITED TO 29 CFR 1926.62 LEAD IN CONSTRUCTION. THIS REQUIREMENT INCLUDES COMPLETION OF LEAD AWARENESS TRAINING AND NEGATIVE EXPOSURE ASSESSMENTS AS NECESSARY FOR TASKS WHERE EXPOSURE MAY EXIST. OSHA REGULATIONS APPLY TO MATERIALS CONTAINING ANY DETECTABLE CONCENTRATION OF LEAD.
B. WORK AREA SURFACES THAT MAY BE EXPOSED TO AND CONTAMINATED WITH LEAD-CONTAINING DUSTS AND FUMES SHALL BE CLEANED OF VISIBLE DUST AND DEBRIS AT THE CONCLUSION OF DEMOLITION TASKS USING WET CLEANING METHODS.

General Removal Notes - Silica Requirements

OPERATIONS INVOLVING CUTTING, DRILLING OR DEMOLITION OF CONCRETE CAN GENERATE EXPOSURE OF REPAIRABLE SILICA DUST. ENGINEERING CONTROLS AND WORK METHODS SHALL BE IN PLACE TO MINIMIZE POTENTIAL EXPOSURES.

THE CONTRACTOR SHALL IMPLEMENT WORK PRACTICES AND CONTROLS THAT PROTECT BUILDING OCCUPANTS AND VISITORS FROM EXPOSURES TO SILICA DUSTS GENERATED FROM PROJECT ACTIVITIES, AND THAT PREVENT SURFACE CONTAMINATION OUTSIDE OF THE WORK AREAS. THE CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROLS DURING DEMOLITION TO REDUCE AIRBORNE DUST INCLUDING WET METHODS AND THE USE OF HEPA-FILTERED LOCAL VENTILATION AS NEEDED TO MAINTAIN THE WORK AREA UNDER NEGATIVE PRESSURE. HEPA-FILTERED VENTILATION SHALL BE EXHAUSTED TO THE BUILDING EXTERIOR. NEGATIVE PRESSURE SHALL BE VERIFIED AND DOCUMENTED AT LEAST TWICE DAILY BY THE CONTRACTOR USING AIR CURRENT TUBES.

FOR HIGH DUST ACTIVITIES SUCH AS SAWING, CONTRACTOR SHALL USE WET METHODS AND OR TOOL EQUIPPED LOCAL EXHAUST TO SUPPRESS DUST AT THE SOURCE.

General Asbestos Notes

A. PRIOR TO REMOVALS, REFER TO THE SEPTEMBER 22ND, 2020 ASBESTOS BULK SAMPLE ANALYSIS REPORT BY PARADIGM ENVIRONMENTAL, LLC.

B. PERFORM ALL WORK IN ACCORDANCE ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND GUIDELINES, VARIANCES AND THE CONTRACT DOCUMENTS.

C. ALL MATERIAL MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE. FIELD VERIFY AT THE SITE PRIOR TO BIDDING.

D. THE PROVISIONS OF ANY SITE-SPECIFIC VARIANCE(S) OBTAINED BY THE CONTRACTOR MAY NOT BE IMPLEMENTED UNTIL APPROVAL IS GIVEN BY OWNER OR OWNER'S REPRESENTATIVE.

E. COORDINATE THE LOCATION OF ANY SITE STORAGE MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER WITH THE OWNER OR OWNER'S REPRESENTATIVE.

F. CONTRACTOR IS RESPONSIBLE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE THEFT OR DAMAGE.

G. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION. CONTRACTOR SHALL ENSURE THAT UNCERTIFIED PERSONNEL OR UNAUTHORIZED VISITORS DO NOT ENTER ACTIVE WORK AREAS AT ANT TIME.

H. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO KEEP THE WORK AREAS AND BUILDING IN A SECURE AND WATERTIGHT CONDITION AT ALL TIMES DURING THE PERFORMANCE OF THE CONTRACT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY AREAS OF THE BUILDINGS AS A RESULT OF IMPROPER TEMPORARY PROTECTION.

I. ALL WORK, STAGING, AND ACCESS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE.

J. IF ADDITIONAL ASBESTOS, PCBS, OR OTHER SUSPECT MATERIALS ARE DISCOVERED AND/OR DISTURBED, CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER OR OWNER'S REPRESENTATIVE.

Removals Legend

- REMOVE EXISTING WALL COMPLETE
- REMOVE EXISTING WINDOW. SEE REMOVAL ELEVATIONS FOR MORE INFO. COMPLETE
- REMOVE EXISTING DOOR, FRAME, AND ACCESSORIES COMPLETE
- REMOVE EXISTING SINK AND ACCESSORIES COMPLETE (MIRROR, SOAP DISPENSER, ETC.) COMPLETE
- REMOVE EXISTING SINK AND ACCESSORIES COMPLETE
- REMOVE EXISTING TOILET AND ACCESSORIES COMPLETE
- REMOVE EXISTING URINAL AND ACCESSORIES COMPLETE
- R 01 — KEYNOTE (REFER TO KEYNOTE LEGEND) COMLPETE
- R# — REMOVAL WALL TYPE (SEE A001) COMPLETE
- REMOVAL EXISTING FLOOR OR ROOF AREA COMPLETE
- REMOVAL EXISTING MOP SINK AND ACCESSORIES COMPLETE
- REMOVE EXISTING DRINKING FOUNTAIN AND ACCESSORIES COMPLETE

Removals Keynote Legend

Discipline	Keynote #	Description
R	01	REMOVE EXISTING FINISH FLOOR DOWN TO CONCRETE SLAB COMPLETE
R	02	REMOVE ALL STOREFRONT GLAZING AND MULLIONS FOR THE EXTENT SHOWN COMPLETE
R	03	REMOVE EXISTING SUSPENDED CEILING AND ASSOCIATED ELECTRICAL FIXTURES COMPLETE
R	04	REMOVE EXISTING DOOR AND FRAME COMPLETE
R	05	REMOVE EXISTING PLUMBING FIXTURES COMPLETE
R	06	REMOVE EXISTING FLOOR MOUNTED SECURITY EQUIPMENT, COMPLETE
R	07	REMOVE EXISTING ELECTRICAL CLOSET.
R	10	REMOVE ALL COUNTERTOPS AND ASSOCIATED CASEWORK COMPLETE
R	15	SALVAGE AND REUSE EXISTING FIRE EXTINGUISHER CABINET.

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**

REGISTERED ARCHITECT KENNETH DUNCAN SYVERTSEN 024632 STATE OF NEW YORK
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SYVERTSEN RIGOSU architects
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Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

Elevation Removals
SHEET TITLE
AR201
SHEET NUMBER

CONTRACTOR TO COORDINATE, SELECT, AND SUBMIT FOR ARCHITECT REVIEW AND APPROVAL STUD GAUGES FOR EACH WALL TYPE BASED ON LIMITING HEIGHTS AT 5PSF AND L/360 FOR THE SPECIFIED CONSTRUCTION OF EACH WALL

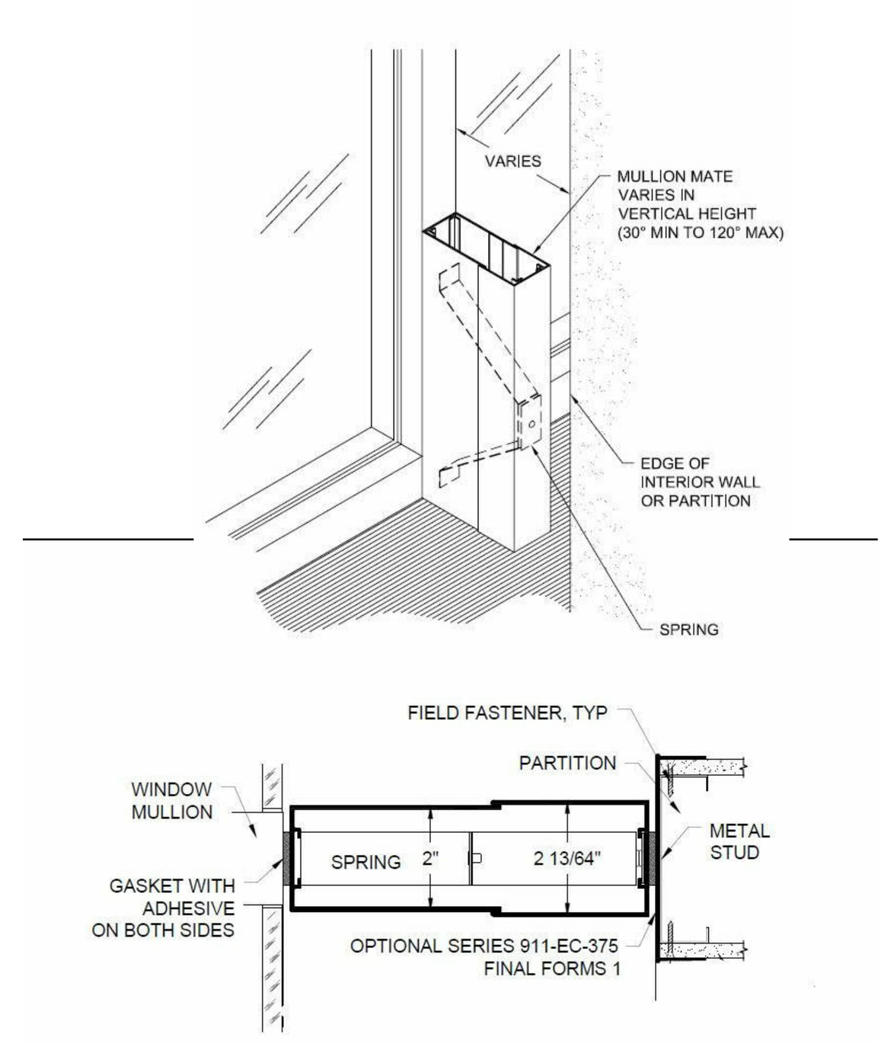
ALL WALLS ARE EITHER COMPOSITE OR NON-COMPOSITE FULLY BRACED PER MANUFACTURER WRITTEN DIRECTION.

EXISTING HEIGHTS TO BE VERIFIED BY CONTRACTOR
B.O. 2ND FLOOR CONC WAFFLE SLAB HIGH - 15'-9" +/-
B.O. 2ND FLOOR CONC WAFFLE SLAB LOW - 14'-8" +/-
B.O. CONC AT COLUMN GRID LINE - 13'-5" +/-

C403.10.2 WALK IN COOLERS AND WALK IN FREEZERS (MANDATORY)
WALLS SHALL BE PROVIDED WITH INSULATION HAVING A THERMAL RESISTANCE OF NOT LESS THAN R-25, CEILINGS SHALL BE PROVIDED WITH INSULATION HAVING A THERMAL RESISTANCE OF NOT LESS THAN R-25 AND DOORS OF WALK-IN COOLERS AND WALK-IN FREEZERS SHALL BE PROVIDED WITH INSULATION HAVING A THERMAL RESISTANCE OF NOT LESS THAN R-32.

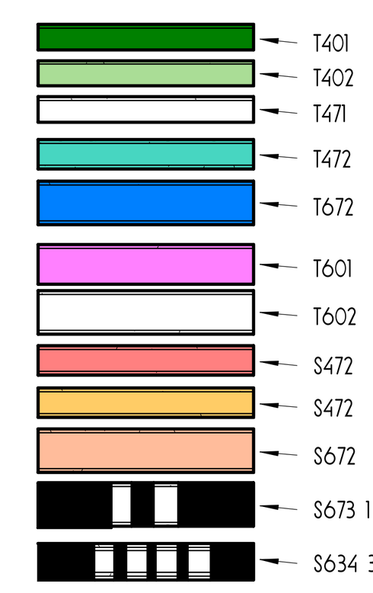
EXCEPTION: INSULATION IS NOT REQUIRED FOR GLAZED PORTIONS OF DOORS OR AT STRUCTURAL MEMBERS ASSOCIATED WITH THE WALLS, CEILING OR DOOR FRAME.

THE FLOOR OF WALK-IN FREEZERS SHALL BE PROVIDED WITH INSULATION HAVING A THERMAL RESISTANCE OF NOT LESS THAN R-28.



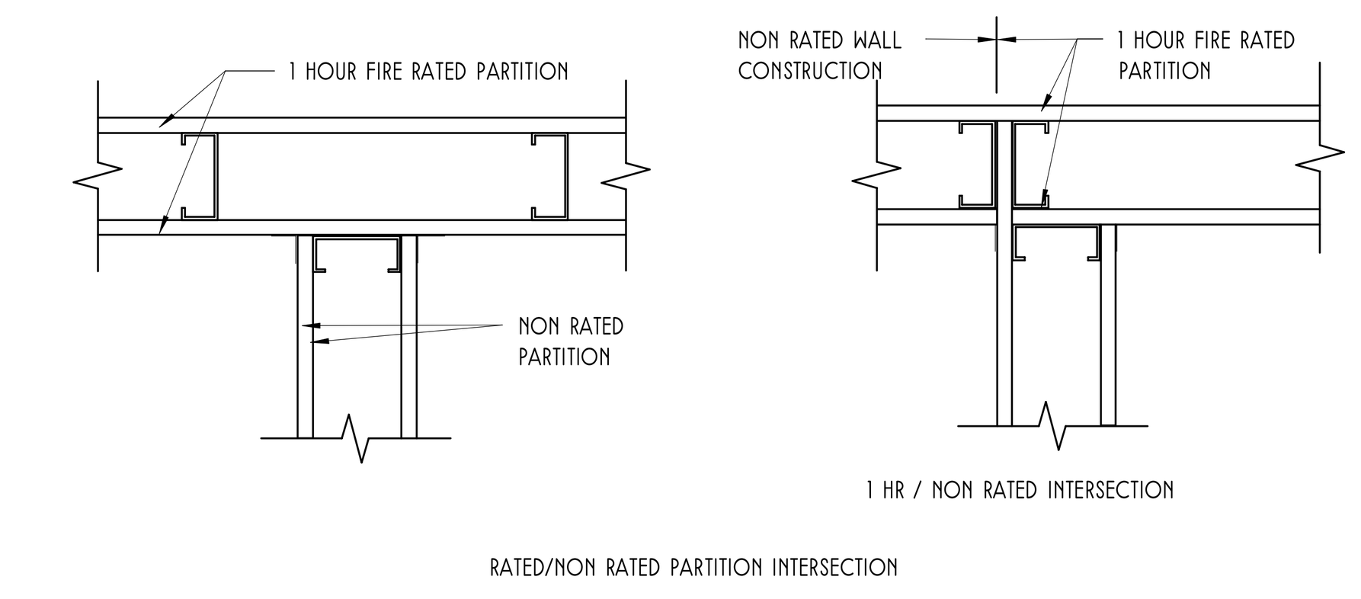
5 Mullion Mate
3" = 1'-0" A101

Wall Diagram Color Chart

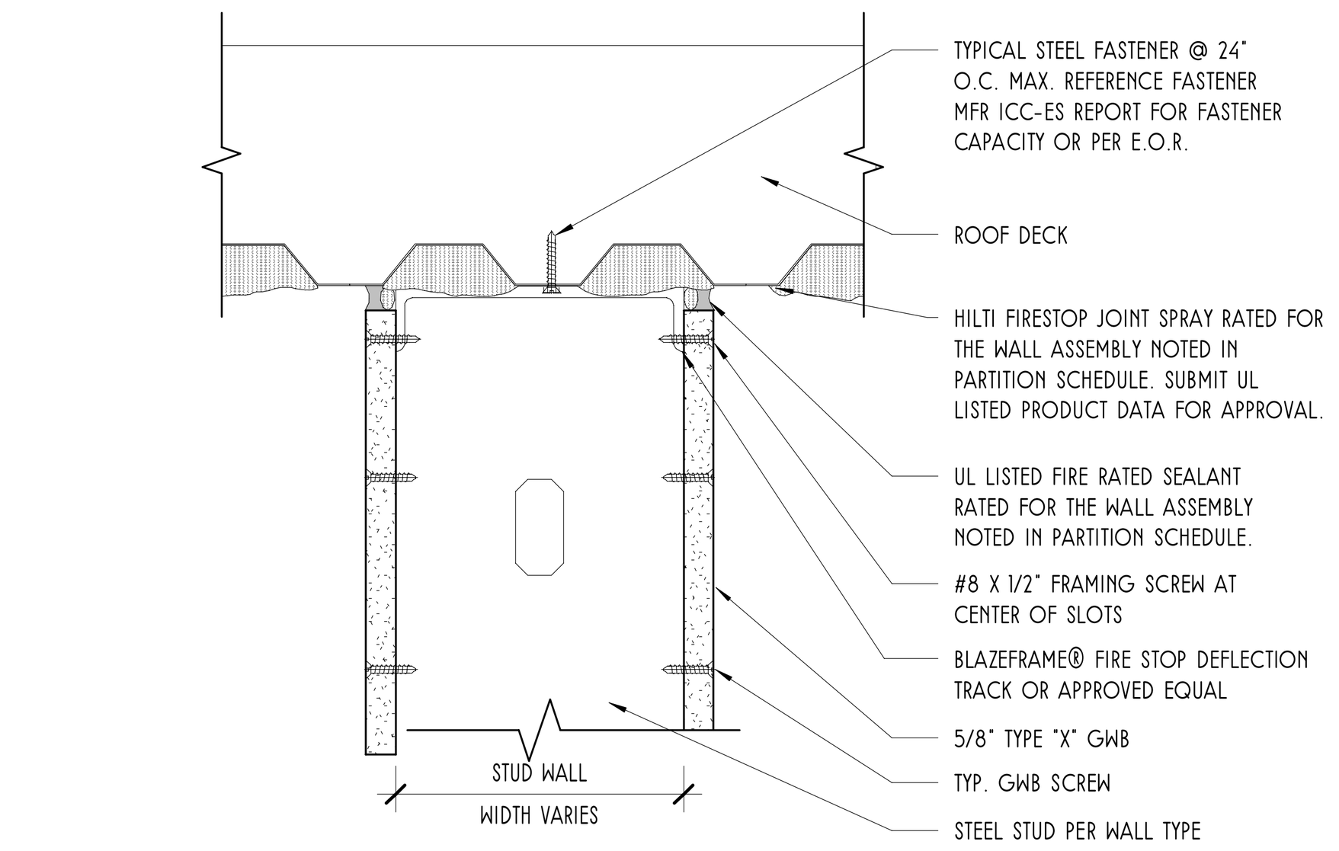


Partition Type Schedule

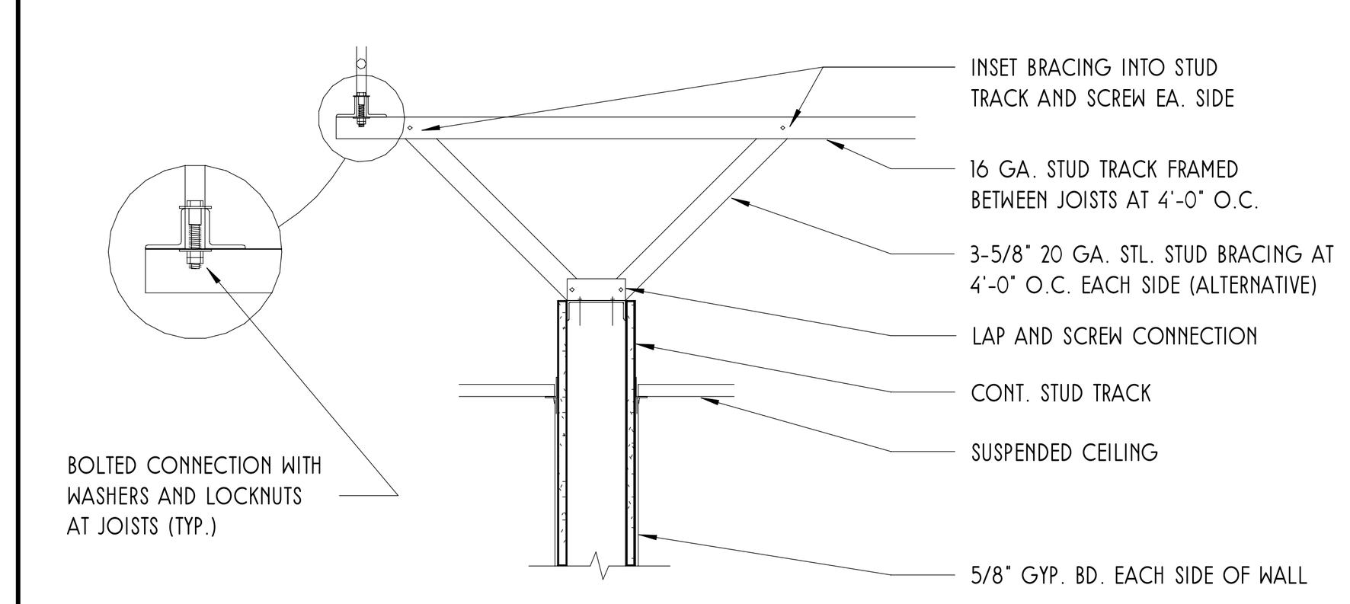
Type Mark	Stud Size	Partition Width	Insulation	STC	Sound Test #	Fire Rating	UL Reference	Comments
C-6	Insulation / Thermal Barriers - Cooler Wall	6"						
COOL	Insulation / Thermal Barriers - Cooler Wall	6"						
IMP6		6"						42" WIDE INSULATED METAL PANEL - R30
S402	3 5/8" Metal Stud	4 7/8"	-	-	-	-		20 GAUGE 16" O.C.
S472	3 5/8" Metal Stud	4 7/8"	3 1/2" SOUND BATTS	40 / 44	NGC 2013004 / NGC 2514	-	-	
S634	6" C-T Stud 16" O.C. 18 GAUGE	8"	6" MINERAL WOOL	55	SA-800421	3hr	UL U415	18 GAUGE 16" O.C.
S672	6" Metal Stud	7 1/4"	3 1/2" SOUND BATTS	40	NGC 2013022	-	-	20 GAUGE 24" O.C.
S673	6" Metal Stud	7 1/4"	3 1/2" FIBERGLASS	48	TL09-540	1hr		20 GAUGE 24" O.C.
T401	3 5/8" Metal Stud	4 1/4"	-	-	-	-		
T402	3 5/8" Metal Stud	4 7/8"	-	-	-	-	UL U419	20 GAUGE 24" O.C.
T471	3 5/8" Metal Stud	4 1/4"	3 1/2" FIBERGLASS	34	NGC 2013012	-		20 GAUGE 24" O.C.
T472	3 5/8" Metal Stud	4 7/8"	3 1/2" SOUND BATTS	40 / 44	NGC 2013004 / NGC 2514	-	UL U419	20 GAUGE 24" O.C.
T601	6" Metal Stud	6 5/8"	-	-	-	-		
T672	6" Metal Stud	7 1/4"	3 1/2" SOUND BATTS	48	NGC 2013022	-	UL U419	20 GAUGE 24" O.C.



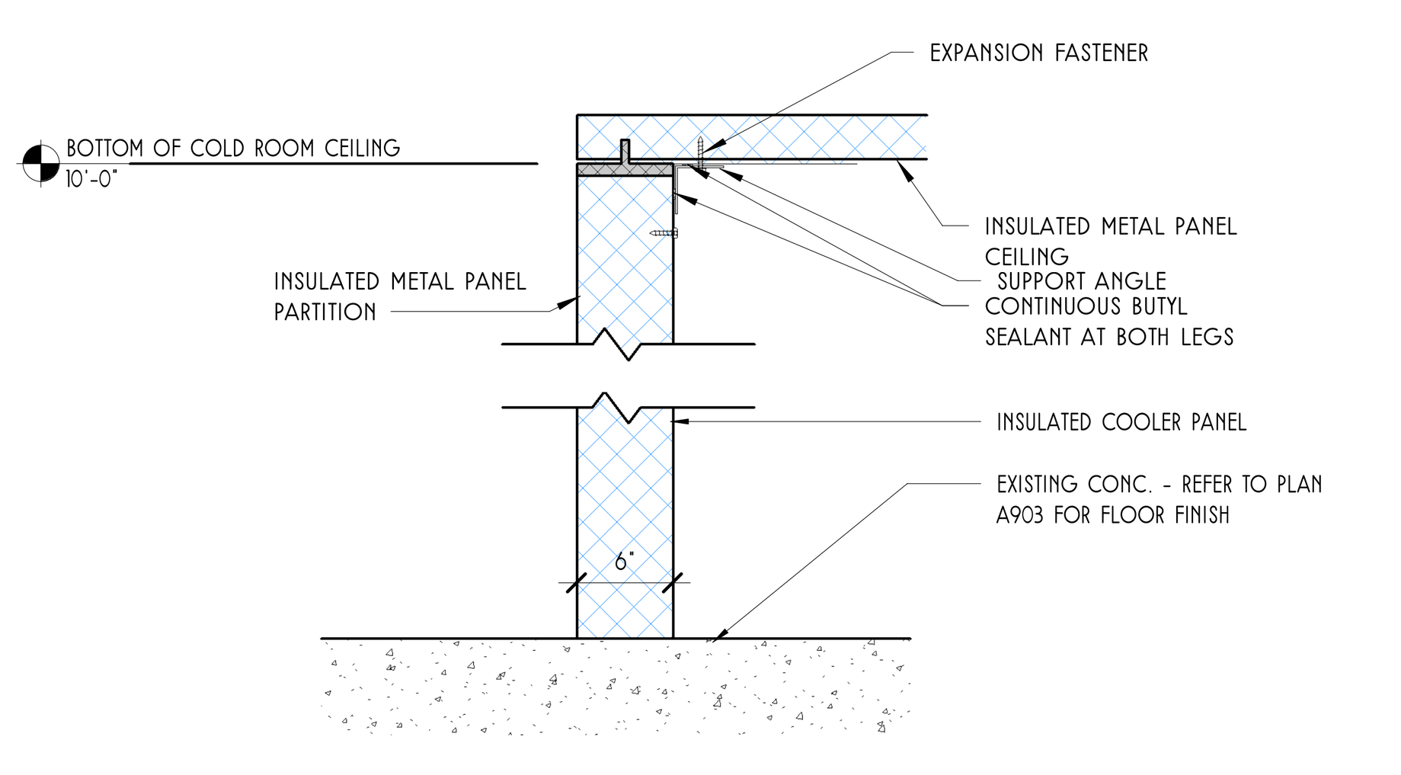
1 Partition Priority
1 1/2" = 1'-0"



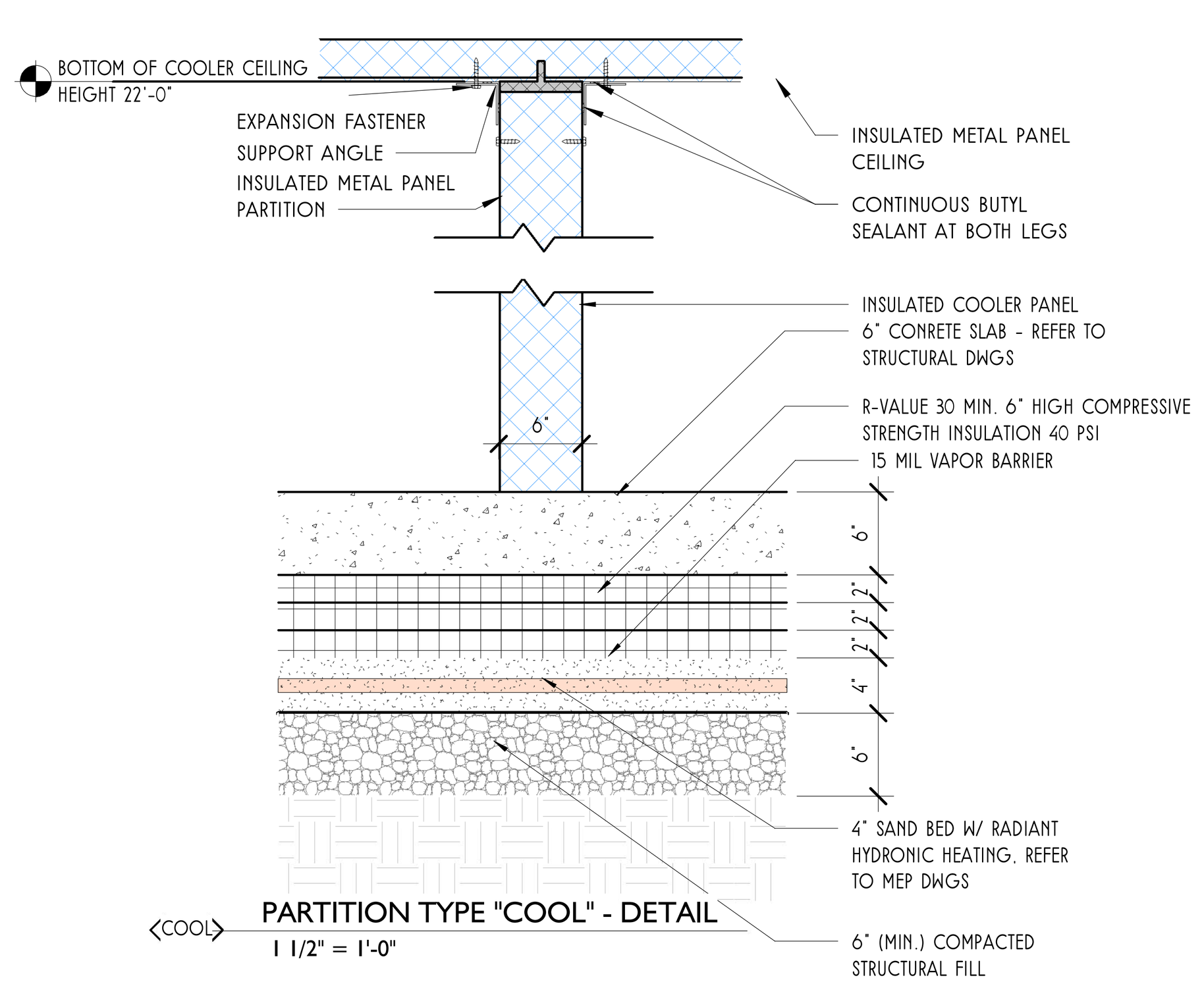
2 Fire Rated Deflection Track
3" = 1'-0"



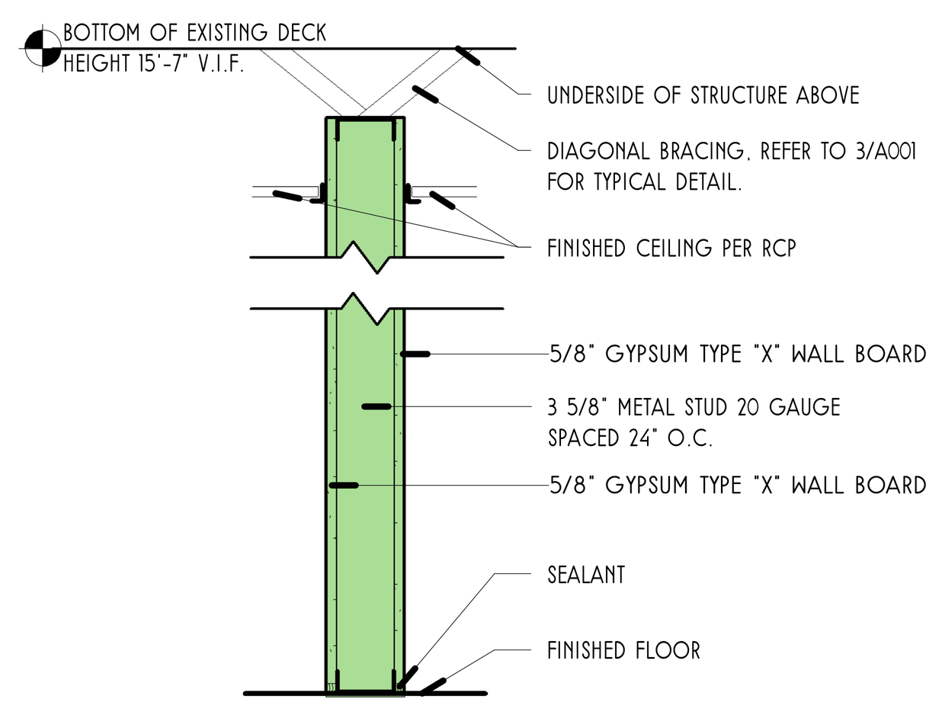
3 Wall Bracing Through Ceiling
1/2" = 1'-0"



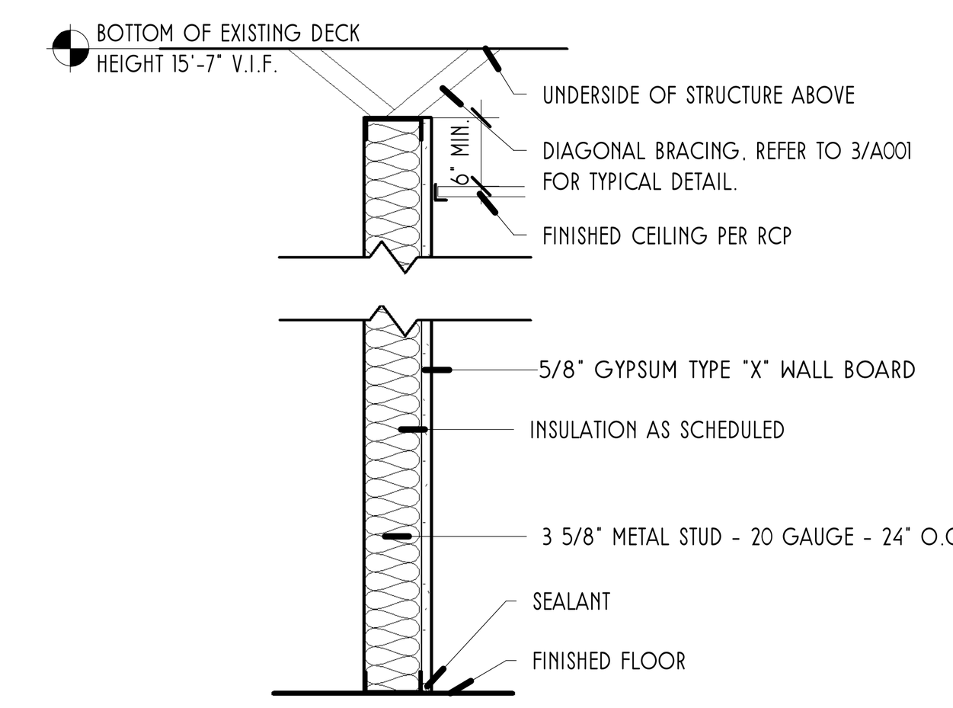
C-6 PARTITION TYPE "C-6" - DETAIL
1 1/2" = 1'-0"



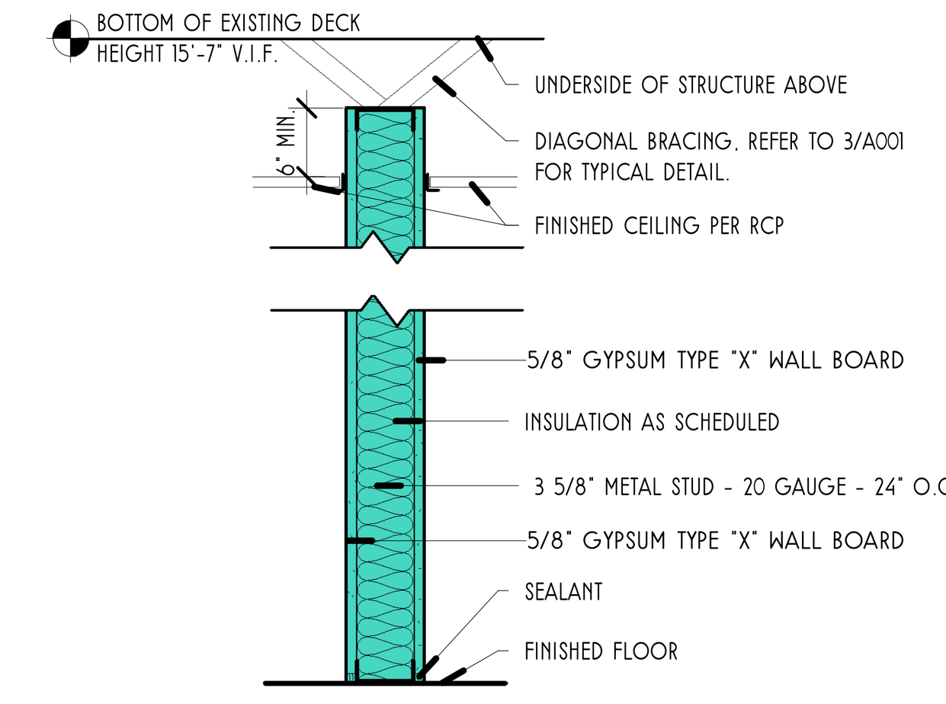
COOL PARTITION TYPE "COOL" - DETAIL
1 1/2" = 1'-0"



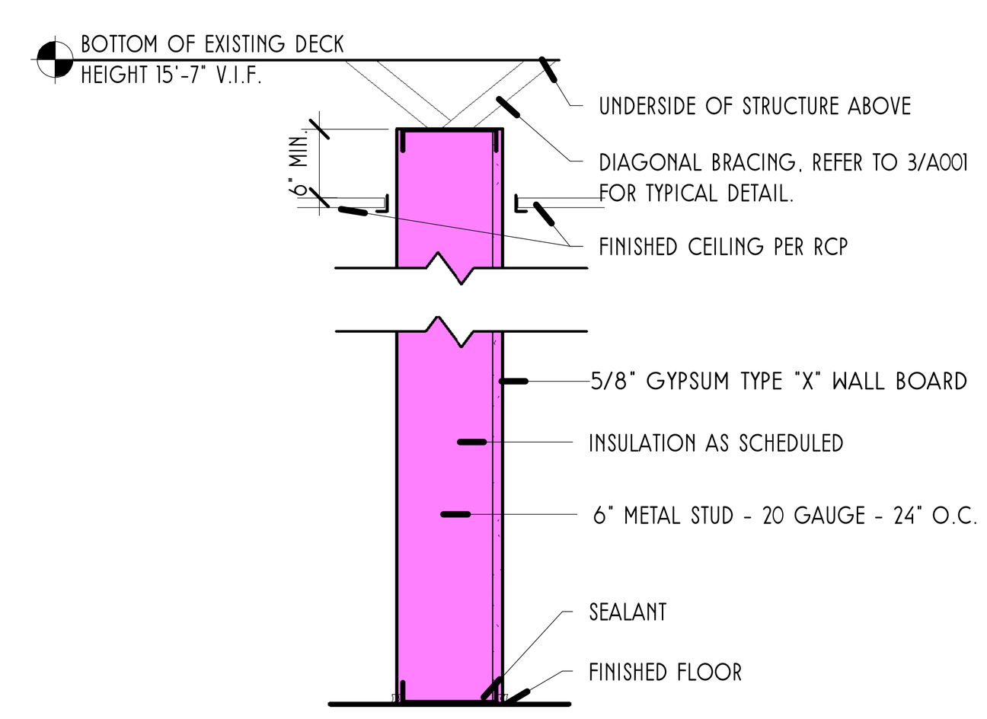
T402 PARTITION TYPE "T402" - DETAIL
1 1/2" = 1'-0"
UL U419



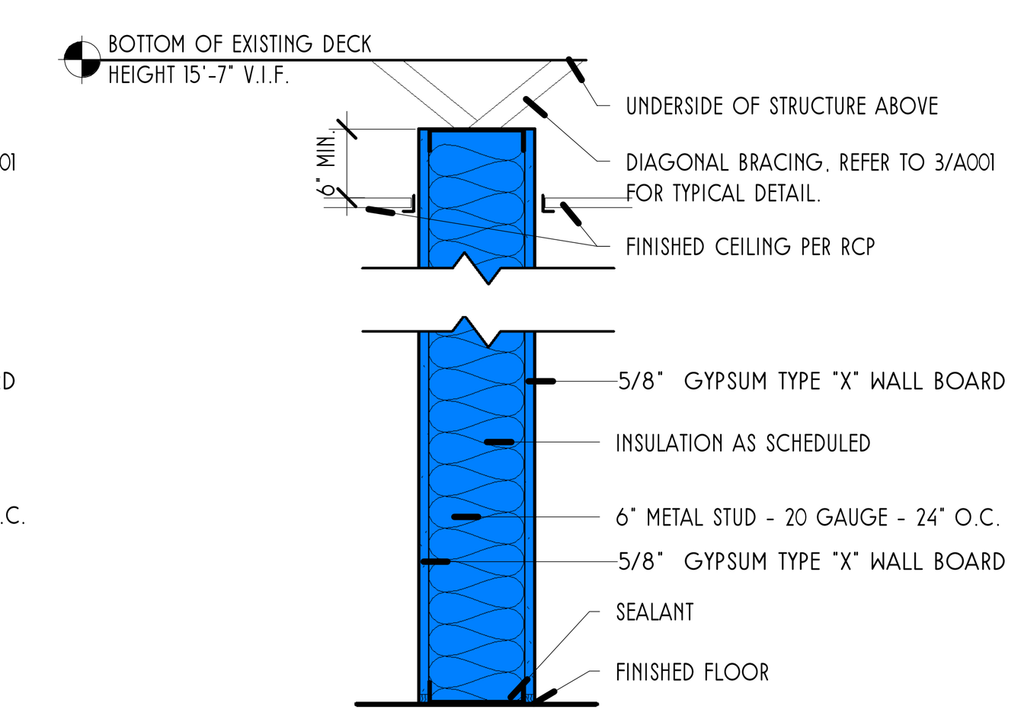
T471 PARTITION TYPE "T471" - DETAIL
1 1/2" = 1'-0"



T472 PARTITION TYPE "T472" - DETAIL
1 1/2" = 1'-0"
UL U419

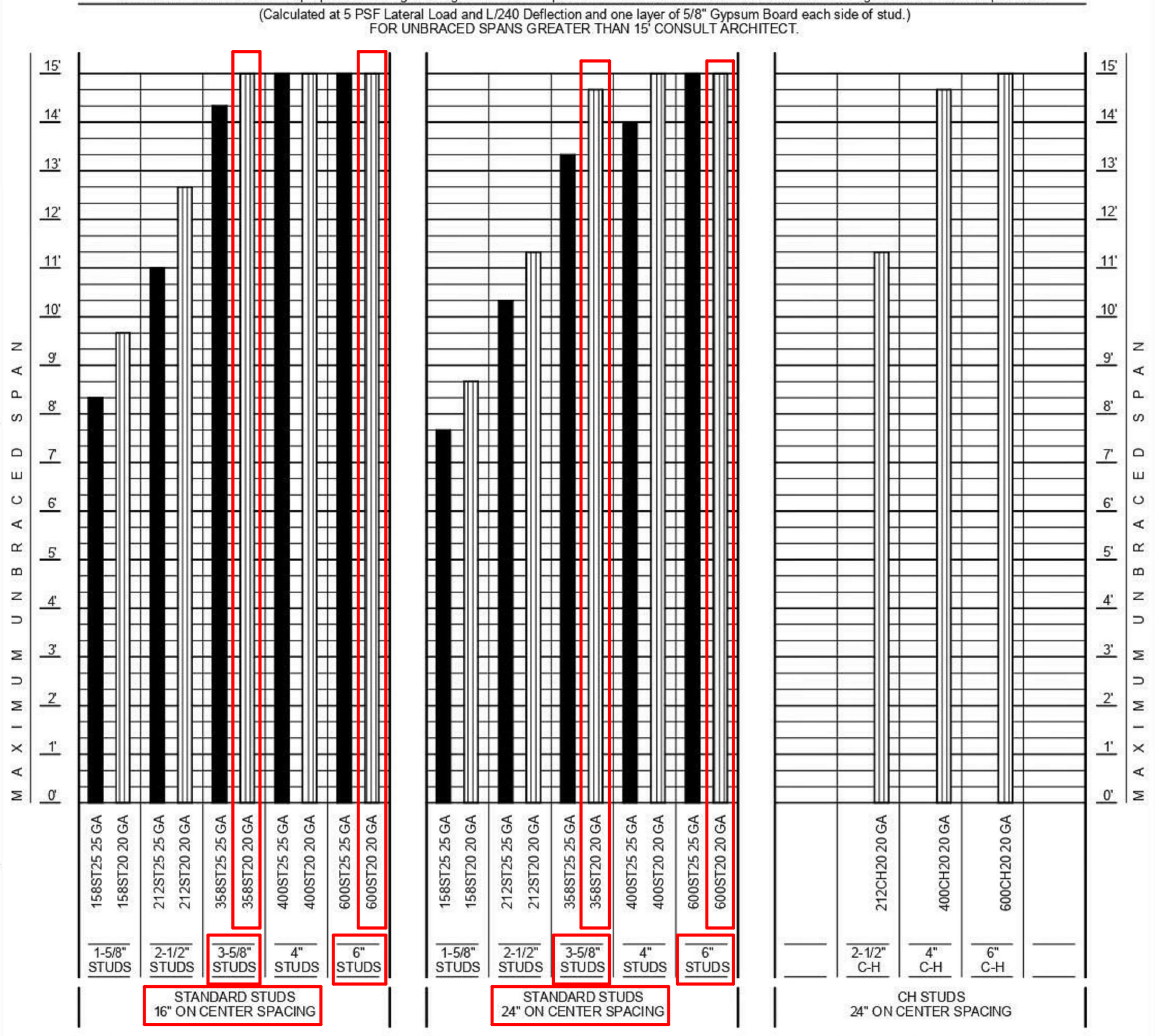


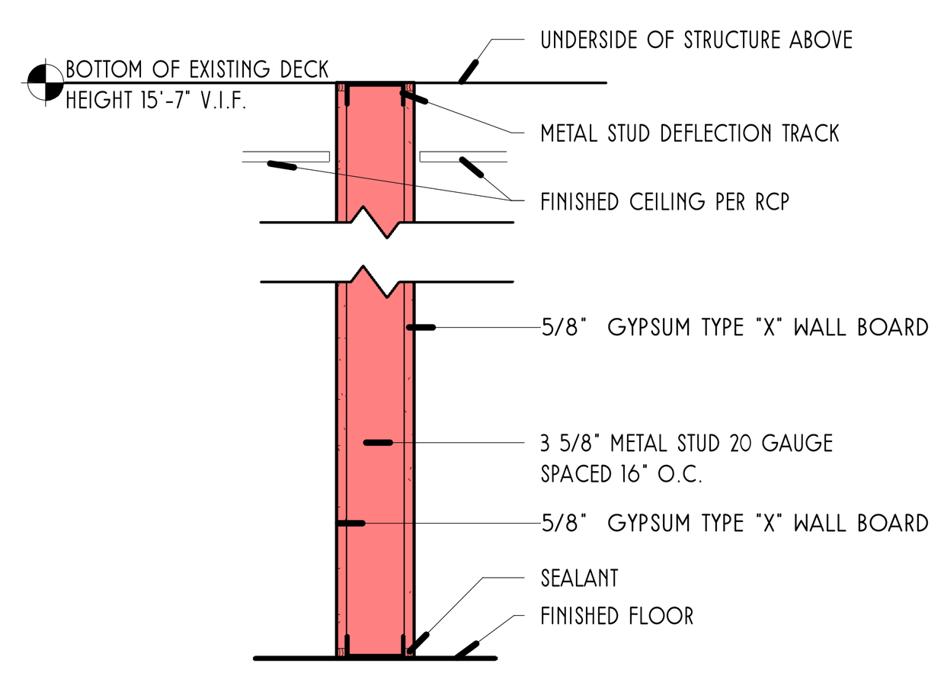
T601 PARTITION TYPE "T601" - DETAIL
1 1/2" = 1'-0"



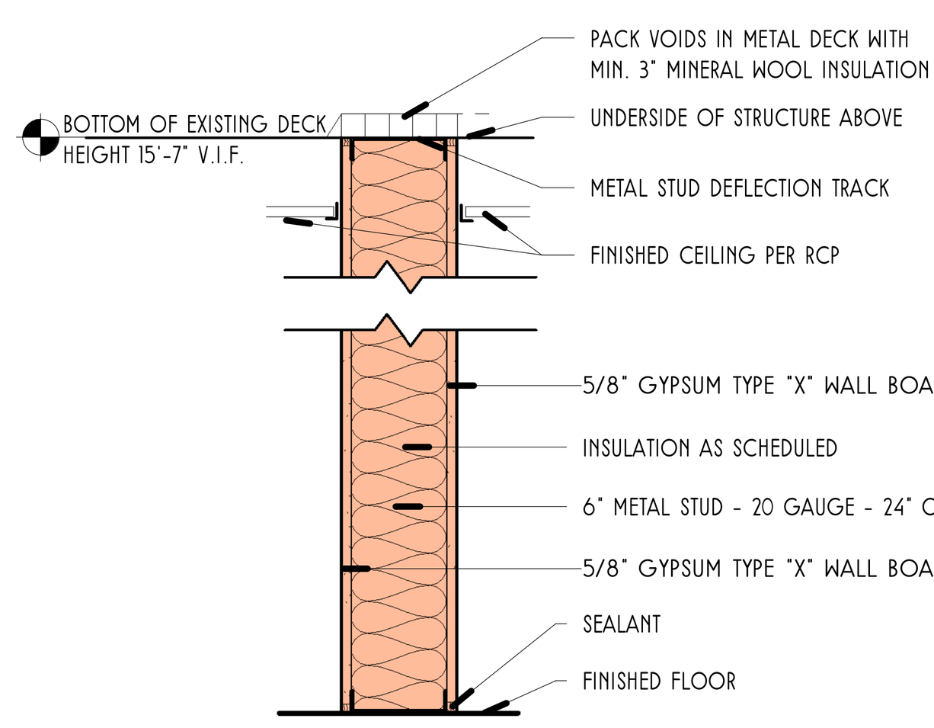
T672 PARTITION TYPE "T672" - DETAIL
1 1/2" = 1'-0"

INTERIOR PARTITION METAL STUD SPAN CHART FOR BRACING

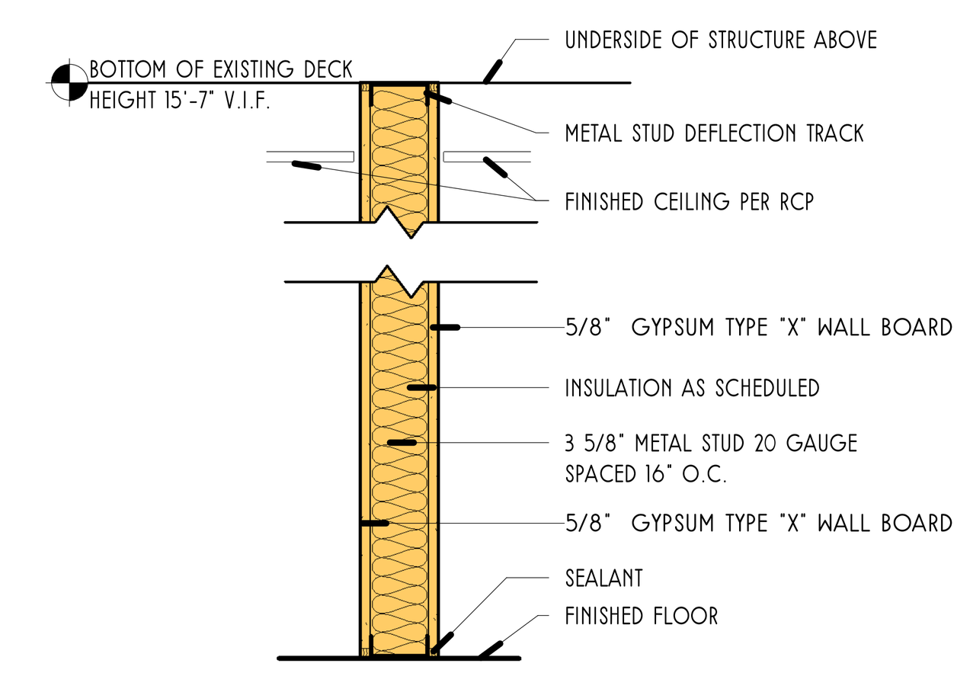




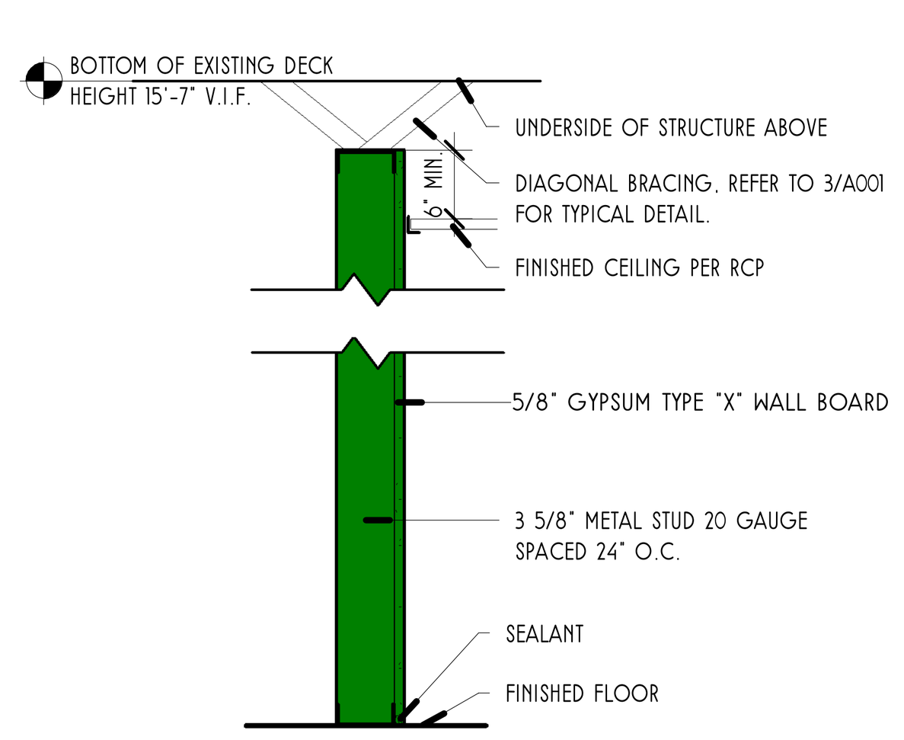
S402 PARTITION TYPE "S402" - DETAIL
1 1/2" = 1'-0"
UL U419



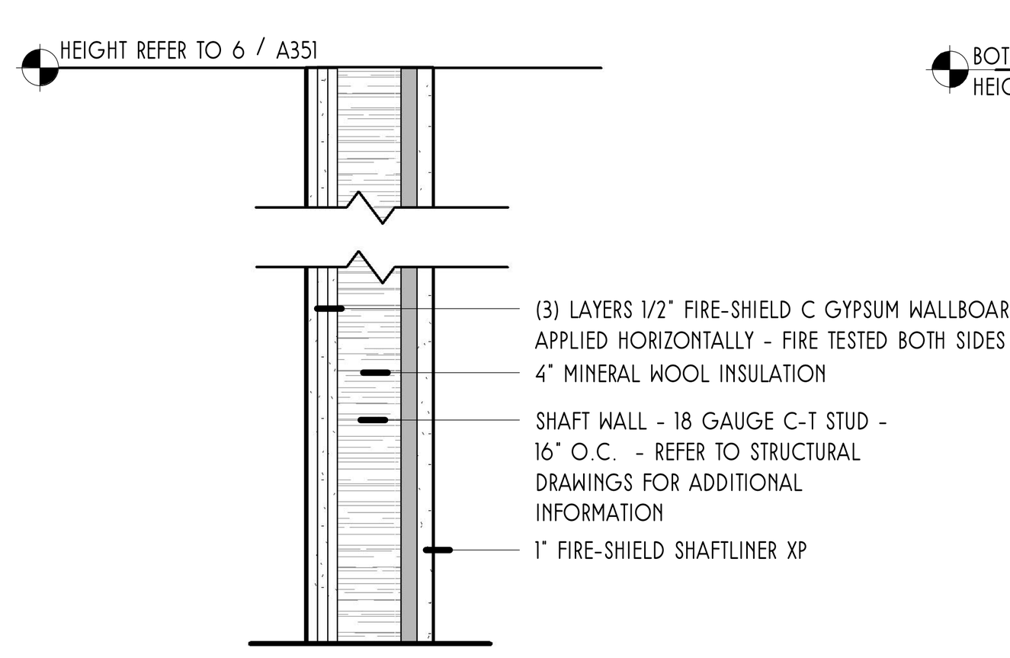
S672 PARTITION TYPE "S672" - DETAIL
1 1/2" = 1'-0"
UL U419



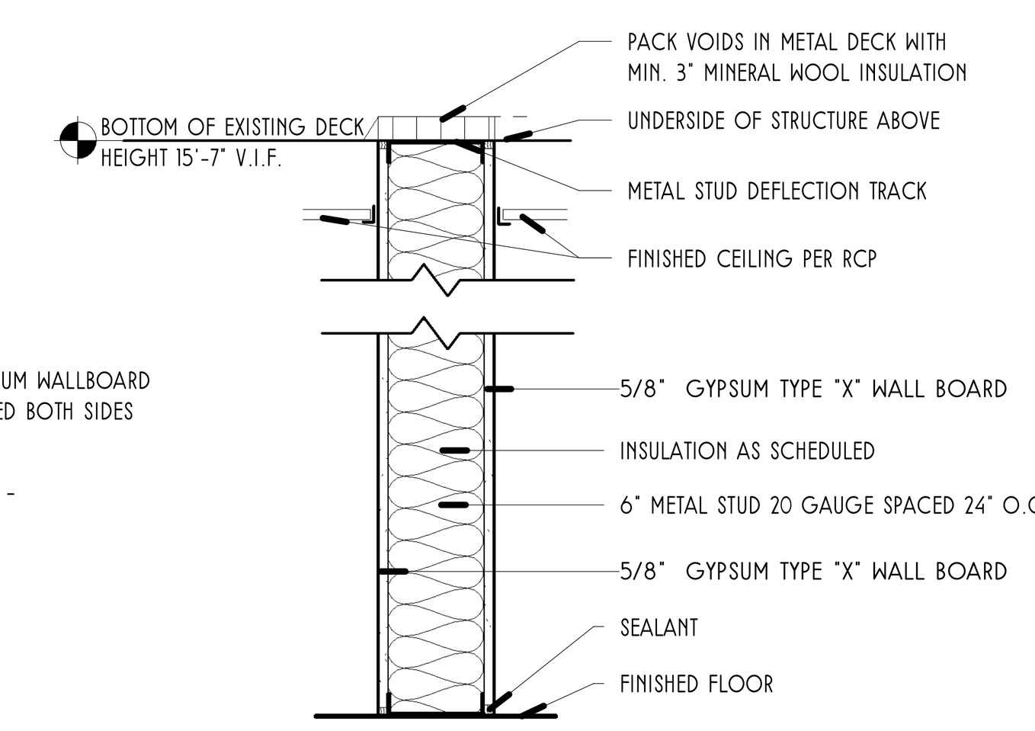
S472 PARTITION TYPE "S472" - DETAIL
1 1/2" = 1'-0"
UL U419



T401 PARTITION TYPE "T401" - DETAIL
1 1/2" = 1'-0"

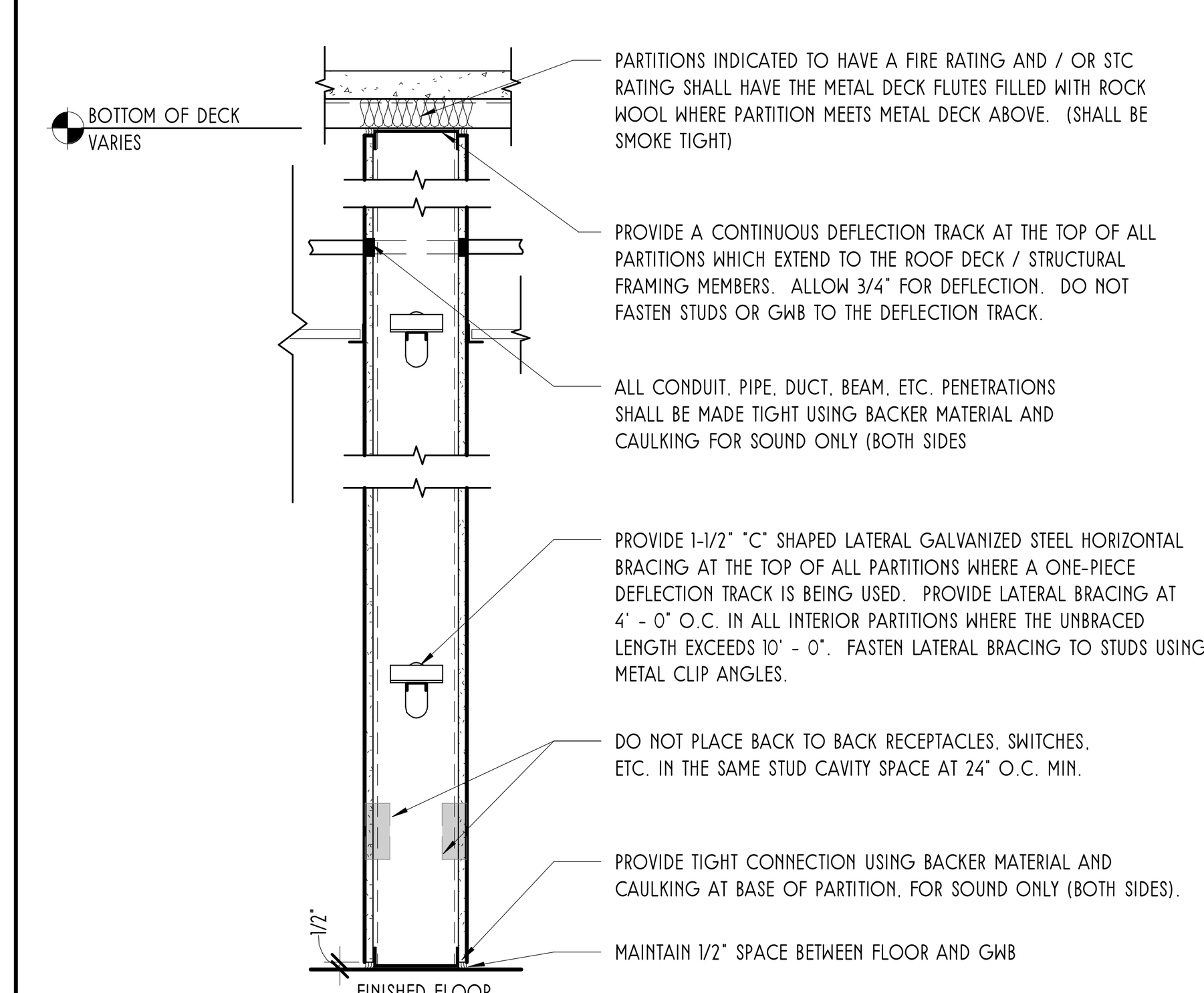


S634 PARTITION TYPE "S634" - DETAIL
1 1/2" = 1'-0"
UL W419 - 3HR RATED



S673 PARTITION TYPE "S673" - DETAIL
1 1/2" = 1'-0"
1HR RATED - UL U419

Partition Types
1" = 1'-0"



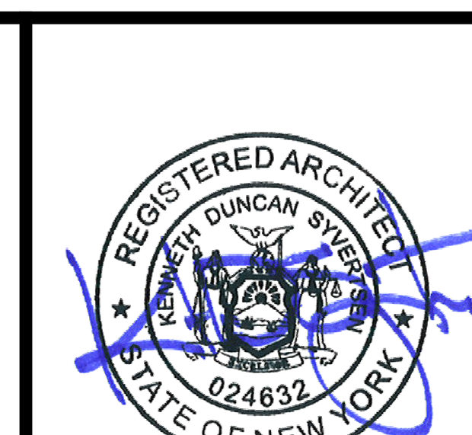
4 Typical Partition Notes / Details
1" = 1'-0"

General Partition Notes

1. PARTITIONS INDICATED TO HAVE A FIRE RATING AND / OR STC RATING SHALL HAVE THE METAL DECK FLUTES FILLED WITH ROCK WOOL WHERE PARTITION MEETS METAL DECK ABOVE. (SHALL BE SMOKE TIGHT)
2. PROVIDE A CONTINUOUS DEFLECTION TRACK AT THE TOP OF ALL PARTITIONS WHICH EXTEND TO THE ROOF DECK / STRUCTURAL FRAMING MEMBERS. ALLOW 3/4" FOR DEFLECTION. DO NOT FASTEN STUDS OR GWB TO THE DEFLECTION TRACK.
3. PROVIDE 1-1/2" "C" SHAPED LATERAL GALVANIZED STEEL HORIZONTAL BRACING AT THE TOP OF ALL PARTIITIONS WHERE A ONE-PIECE DEFLECTION TRACK IS BEING USED. PROVIDE LATERAL BRACING AT 4' - 0" O.C. IN ALL INTERIOR PARTITIONS WHERE THE UNBRACED LENGTH EXCEEDS 10' - 0". FASTEN LATERAL BRACING TO STUDS USING METAL CLIP ANGLES.
4. ALL CONDUIT, PIPE, DUCT, BEAM, ETC. PENETRATIONS SHALL BE MADE TIGHT USING BACKER MATERIAL AND CAULKING FOR SOUND ONLY (BOTH SIDES)
5. DO NOT PLACE BACK TO BACK RECEPTACLES, SWITCHES, ETC. IN THE SAME STUD CAVITY SPACE AT 24" O.C. MIN.
6. PROVIDE TIGHT CONNECTION USING BACKER MATERIAL AND CAULKING AT BASE OF PARTITION, FOR SOUND ONLY (BOTH SIDES).
7. MAINTAIN 1/2" SPACE BETWEEN FLOOR AND SLAB AND GWB AT BASE OF PARTITION.

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**

CONSULTANT



STAMP

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ARCHITECT

Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

Partition Types and Details

SHEET TITLE

A001

SHEET NUMBER

General Non-Structural Metal Framing Notes

PART 1 - GENERAL

1.1 SUMMARY

A. THIS SECTION INCLUDES NON-LOAD-BEARING STEEL FRAMING MEMBERS FOR THE FOLLOWING APPLICATIONS:
1. INTERIOR FRAMING SYSTEMS (E.G., SUPPORTS FOR PARTITION WALLS, FRAMED SOFFITS, FURRING, ETC.).
2. INTERIOR SUSPENSION SYSTEMS (E.G., SUPPORTS FOR CEILINGS, SUSPENDED SOFFITS, ETC.).

PART 2 - PRODUCTS

2.1 NON-LOAD-BEARING STEEL FRAMING, GENERAL

A. FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.
1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C 645 REQUIREMENTS FOR METAL, UNLESS OTHERWISE INDICATED.
2. PROTECTIVE COATING: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING, UNLESS OTHERWISE INDICATED.

2.2 SUSPENSION SYSTEM COMPONENTS

A. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH- (1.59-MM-) DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH- (1.21-MM-) DIAMETER WIRE.

B. HANGER ATTACHMENTS TO CONCRETE:
1. ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS WITH HOLES OR LOOPS FOR ATTACHING WIRE HANGERS AND CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO 5 TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 488 BY AN INDEPENDENT TESTING AGENCY.
   A. TYPE: POST INSTALLED, EXPANSION ANCHOR.
2. POWDER-ACTUATED FASTENERS: SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS WITH CLIPS OR OTHER DEVICES FOR ATTACHING HANGERS OF TYPE INDICATED, AND CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 1190 BY AN INDEPENDENT TESTING AGENCY.

C. WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.162-INCH (4.12-MM) DIAMETER.

D. FLAT HANGERS: STEEL SHEET, 1 BY 3/16 INCH (25.4 BY 4.76 MM).

E. GRID SUSPENSION SYSTEM FOR CEILINGS: ASTM C 645, DIRECT-HUNG SYSTEM COMPOSED OF MAIN BEAMS AND CROSS-FURRING MEMBERS THAT INTERLOCK.
1. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
   A. ARMSTRONG WORLD INDUSTRIES, INC.: DRYWALL GRID SYSTEMS.
   B. CHICAGO METALLIC CORPORATION: 660-C DRYWALL FURRING SYSTEM.
   C. USG CORPORATION: DRYWALL SUSPENSION SYSTEM.

2.3 STEEL FRAMING FOR FRAMED ASSEMBLIES

A. STEEL STUDS AND RUNNERS: ASTM C 645.
1. MINIMUM BASE-METAL THICKNESS: AS INDICATED ON DRAWINGS.

B. SLIP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE ONE OF THE FOLLOWING:
1. SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 645 TOP RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS, INSTALLED WITH STUDS FRICTION FIT INTO TOP RUNNER AND WITH CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING.
2. DOUBLE-RUNNER SYSTEM: ASTM C 645 TOP RUNNERS, INSIDE RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER RUNNER SIZED TO FRICTION FIT INSIDE RUNNER.
3. DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR PARTITION FRAMING RESULTING FROM DEFLECTION OF STRUCTURE ABOVE: IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
   A. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   B. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      1. STEEL NETWORK INC. (THE).
      2. SUPERIOR METAL TRIM: SUPERIOR FLEX TRACK SYSTEM (SFT).

C. FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING IN LENGTH AND WIDTH INDICATED.
1. MINIMUM BASE-METAL THICKNESS: AS INDICATED ON DRAWINGS OR 0.312 INCH (0.79 MM) .

D. COLD-ROLLED CHANNEL BRIDGING: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.
1. DEPTH: 1-1/2 INCHES (38.1 MM).
2. CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38.1 BY 38.1 MM), 0.068-INCH- (1.73-MM-) THICK, GALVANIZED STEEL.

2.4 AUXILIARY MATERIALS

A. FASTENERS FOR METAL FRAMING: OF TYPE, MATERIAL, SIZE, CORROSION RESISTANCE, HOLDING POWER, AND OTHER PROPERTIES REQUIRED TO FASTEN STEEL MEMBERS TO SUBSTRATES.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. INSTALLATION STANDARD: ASTM C 754.
1. GYPSUM PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 841 THAT APPLY TO FRAMING INSTALLATION.
2. PORTLAND CEMENT PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 1063 THAT APPLY TO FRAMING INSTALLATION.
3. GYPSUM VENEER PLASTER ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 844 THAT APPLY TO FRAMING INSTALLATION.
4. GYPSUM BOARD ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 840 THAT APPLY TO FRAMING INSTALLATION.

3.2 INSTALLING SUSPENSION SYSTEMS

A. ISOLATE SUSPENSION SYSTEMS FROM BUILDING STRUCTURE WHERE THEY ABUT OR ARE PENETRATED BY BUILDING STRUCTURE TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT.

B. SUSPEND HANGERS FROM BUILDING STRUCTURE AS FOLLOWS:
1. INSTALL HANGERS PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING STRUCTURAL OR SUSPENSION SYSTEM.
   A. SPLAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS AND OFFSET RESULTING HORIZONTAL FORCES BY BRACING, COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS.
2. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM PRODUCES HANGER SPACINGS THAT INTERFERE WITH LOCATIONS OF HANGERS REQUIRED TO SUPPORT STANDARD SUSPENSION SYSTEM MEMBERS, INSTALL SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS IN THE FORM OF TRAPEZES OR EQUIVALENT DEVICES.
   A. SIZE SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS TO SUPPORT CEILING LOADS WITHIN PERFORMANCE LIMITS ESTABLISHED BY REFERENCED INSTALLATION STANDARDS.
3. DO NOT ATTACH HANGERS TO STEEL ROOF DECK.
4. DO NOT ATTACH HANGERS TO PERMANENT METAL FORMS. FURNISH CAST- IN-PLACE HANGER INSERTS THAT EXTEND THROUGH FORMS.
5. DO NOT ATTACH HANGERS TO ROLLED-IN HANGER TABS OF COMPOSITE STEEL FLOOR DECK.
6. DO NOT CONNECT OR SUSPEND STEEL FRAMING FROM DUCTS, PIPES, OR CONDUIT.

C. FIRE-RESISTANCE-RATED ASSEMBLIES: WIRE TIE FURRING CHANNELS TO SUPPORTS.

D. GRID SUSPENSION SYSTEMS: ATTACH PERIMETER WALL TRACK OR ANGLE WHERE GRID SUSPENSION SYSTEMS MEET VERTICAL SURFACES. MECHANICALLY JOIN MAIN BEAM AND CROSS-FURRING MEMBERS TO EACH OTHER AND BUTT-CUT TO FIT INTO WALL TRACK.

E. INSTALLATION TOLERANCES: INSTALL SUSPENSION SYSTEMS THAT ARE LEVEL TO WITHIN 1/8 INCH IN 12 FEET (3 MM IN 3.6 M) MEASURED LENGTHWISE ON EACH MEMBER THAT WILL RECEIVE FINISHES AND TRANSVERSELY BETWEEN PARALLEL MEMBERS THAT WILL RECEIVE FINISHES.

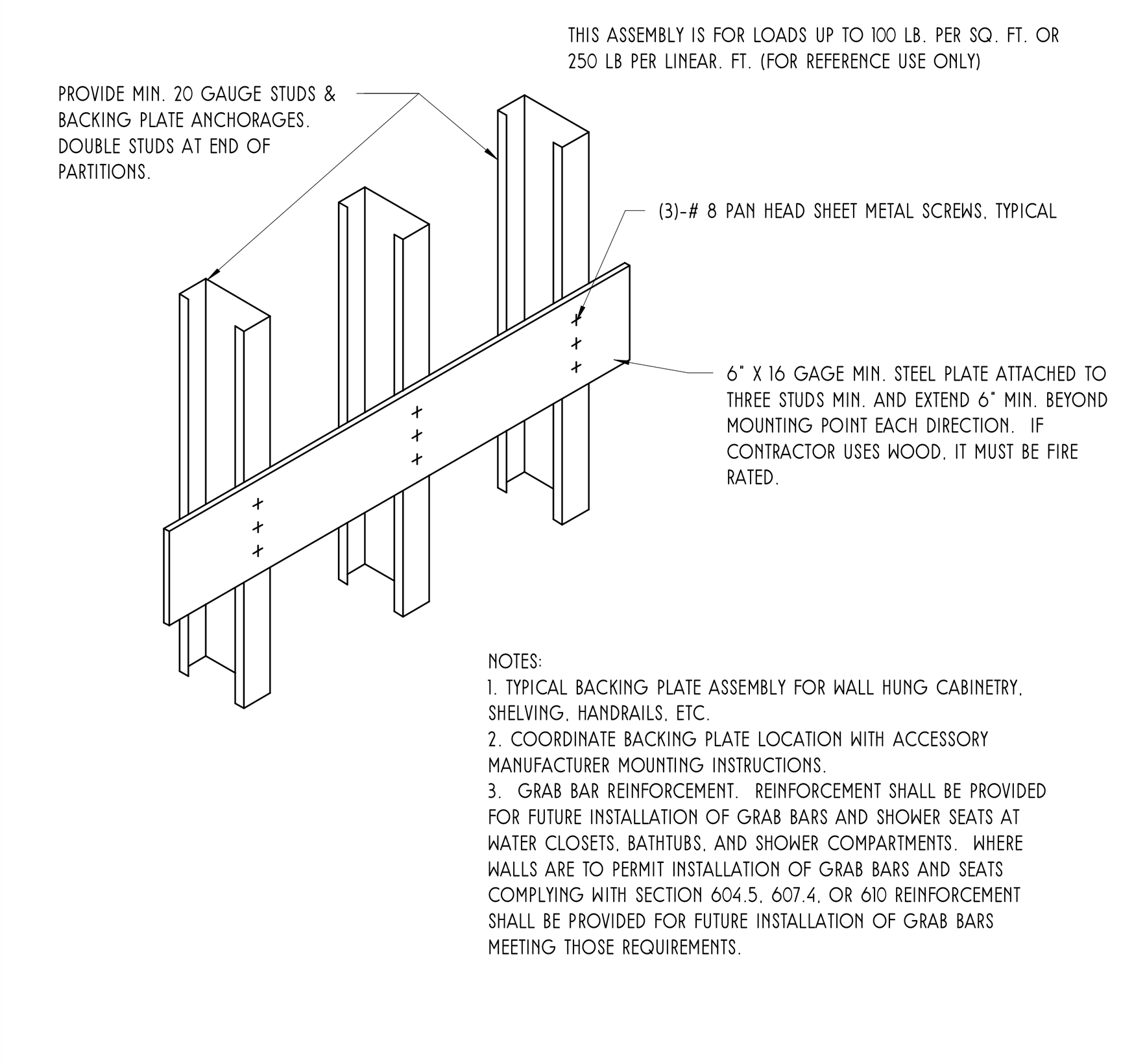
3.3 INSTALLING FRAMED ASSEMBLIES

A. INSTALL TRACKS (RUNNERS) AT FLOORS AND OVERHEAD SUPPORTS. EXTEND FRAMING FULL HEIGHT TO STRUCTURAL SUPPORTS OR SUBSTRATES ABOVE SUSPENDED CEILINGS, EXCEPT WHERE PARTITIONS ARE INDICATED TO TERMINATE AT SUSPENDED CEILINGS. CONTINUE FRAMING AROUND DUCTS PENETRATING PARTITIONS ABOVE CEILING.
1. SLIP-TYPE HEAD JOINTS: WHERE FRAMING EXTENDS TO OVERHEAD STRUCTURAL SUPPORTS, INSTALL TO PRODUCE JOINTS AT TOPS OF FRAMING SYSTEMS THAT PREVENT AXIAL LOADING OF FINISHED ASSEMBLIES.
2. DOOR OPENINGS: SCREW VERTICAL STUDS AT JAMBS TO JAMB ANCHOR CLIPS ON DOOR FRAMES: INSTALL RUNNER TRACK SECTION (FOR CRIPPLE STUDS) AT HEAD AND SECURE TO JAMB STUDS.
   A. INSTALL TWO STUDS AT EACH JAMB, UNLESS OTHERWISE INDICATED.
   B. INSTALL CRIPPLE STUDS AT HEAD ADJACENT TO EACH JAMB STUD, WITH A MINIMUM 1/2-INCH (12.7-MM) CLEARANCE FROM JAMB STUD TO ALLOW FOR INSTALLATION OF CONTROL JOINT IN FINISHED ASSEMBLY.
3. OTHER FRAMED OPENINGS: FRAME OPENINGS OTHER THAN DOOR OPENINGS, THE SAME AS REQUIRED FOR DOOR OPENINGS, UNLESS OTHERWISE INDICATED. INSTALL FRAMING BELOW SILLS OF OPENINGS TO MATCH FRAMING REQUIRED ABOVE DOOR HEADS.
4. SOUND-RATED PARTITIONS: INSTALL FRAMING TO COMPLY WITH SOUND-RATED ASSEMBLY INDICATED.
5. CURVED PARTITIONS:
   A. BEND TRACK TO UNIFORM CURVE AND LOCATE STRAIGHT LENGTHS SO THEY ARE TANGENT TO ARCS.
   B. BEGIN AND END EACH ARC WITH A STUD, AND SPACE INTERMEDIATE STUDS EQUALLY ALONG ARCS. ON STRAIGHT LENGTHS OF NOT LESS THAN 2 STUDS AT ENDS OF ARCS, PLACE STUDS 6 INCHES (150 MM) O.C.

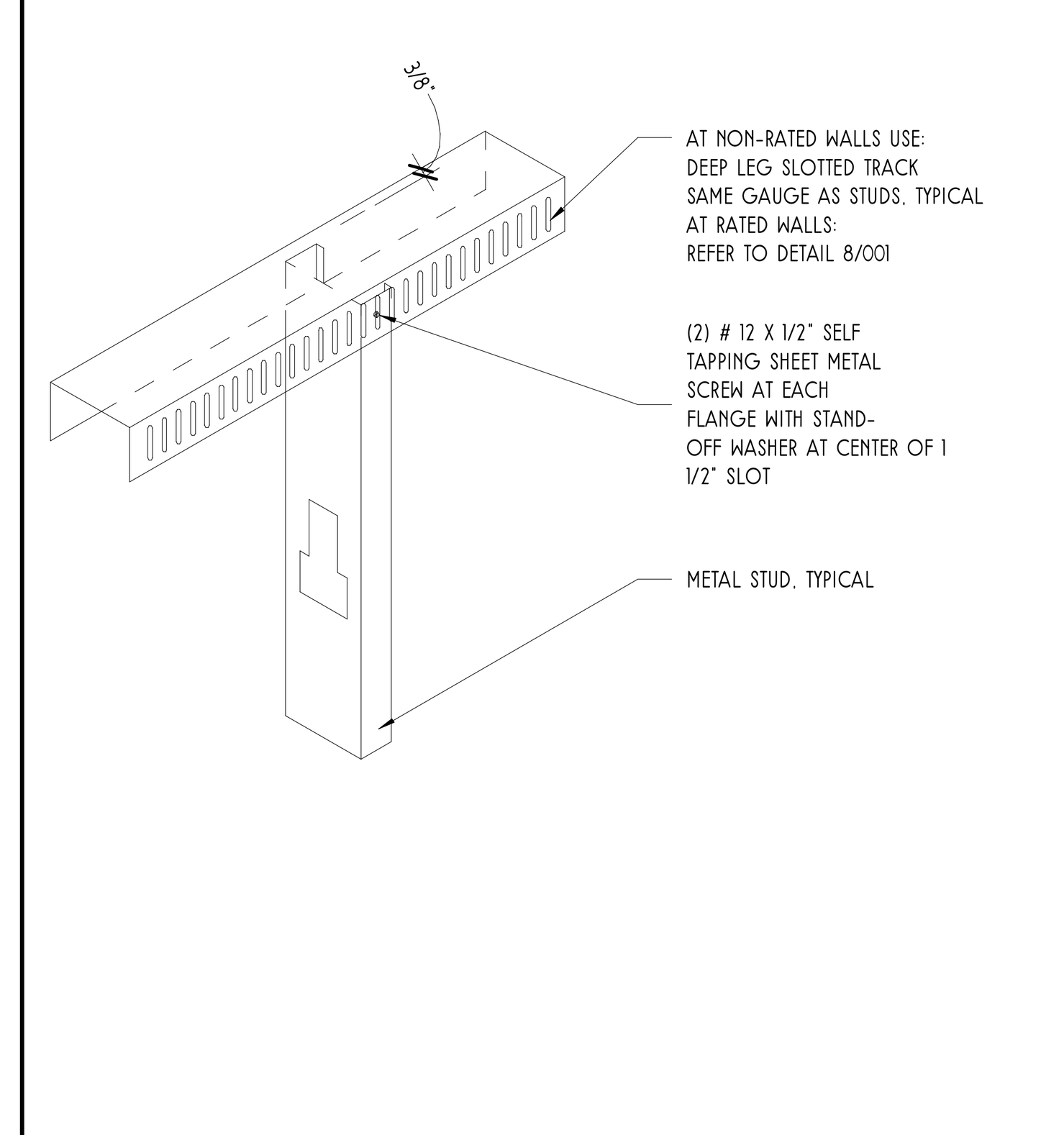
B. INSTALLATION TOLERANCE: INSTALL EACH FRAMING MEMBER SO FASTENING SURFACES VARY NOT MORE THAN 1/8 INCH (3 MM) FROM THE PLANE FORMED BY FACES OF ADJACENT FRAMING.

General Partition Notes

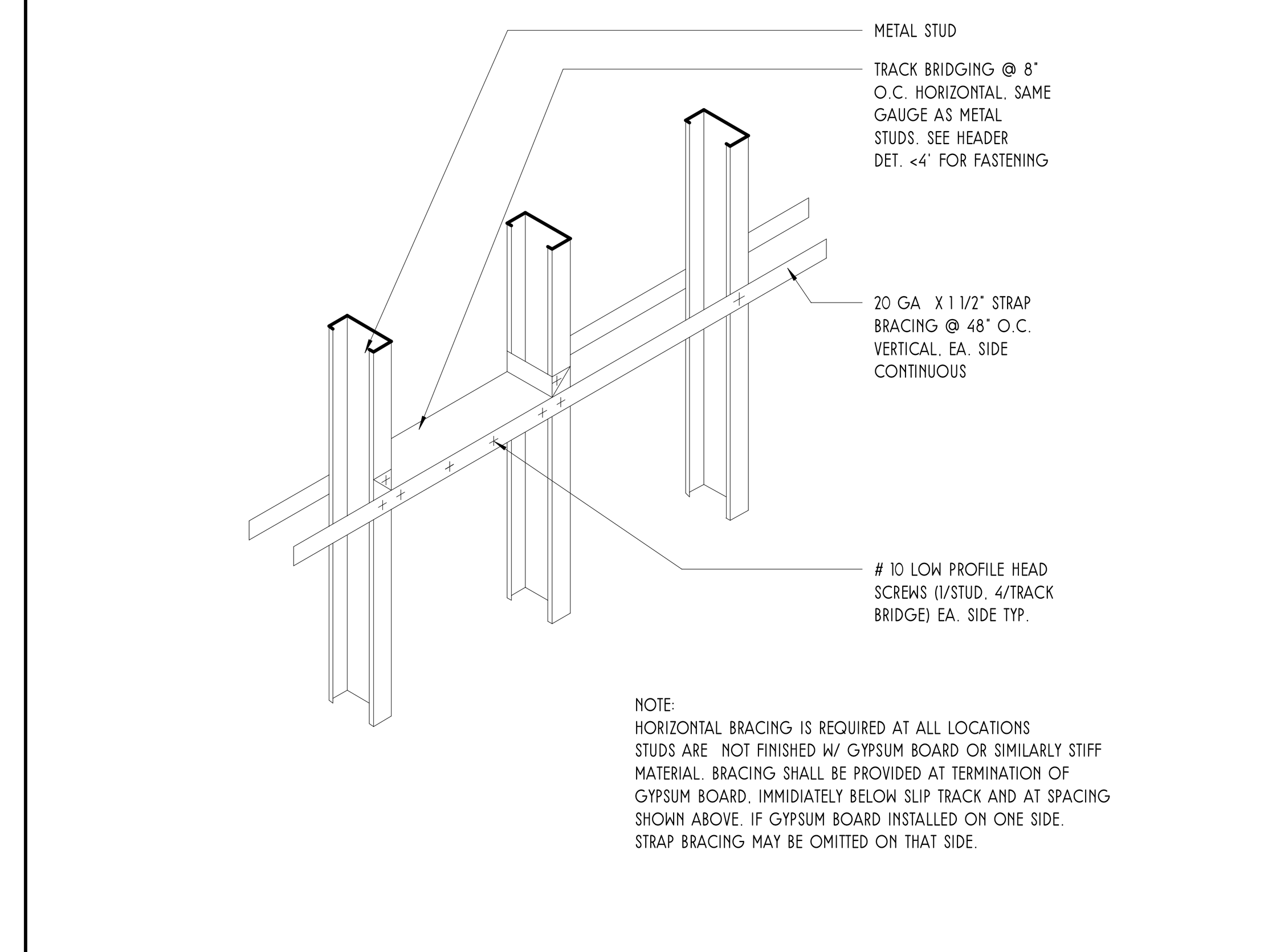
1. PARTITIONS INDICATED TO HAVE A FIRE RATING AND / OR STC RATING SHALL HAVE THE METAL DECK FLUTES FILLED WITH ROCK WOOL WHERE PARTITION MEETS METAL DECK ABOVE. (SHALL BE SMOKE TIGHT)
2. PROVIDE A CONTINUOUS DEFLECTION TRACK AT THE TOP OF ALL PARTITIONS WHICH EXTEND TO THE ROOF DECK / STRUCTURAL FRAMING MEMBERS. ALLOW 3/4" FOR DEFLECTION. DO NOT FASTEN STUDS OR GWB TO THE DEFLECTION TRACK.
3. PROVIDE 1-1/2" "C" SHAPED LATERAL GALVANIZED STEEL HORIZONTAL BRACING AT THE TOP OF ALL PARTIITIONS WHERE A ONE-PIECE DEFLECTION TRACK IS BEING USED. PROVIDE LATERAL BRACING AT 4' - 0" O.C. IN ALL INTERIOR PARTITIONS WHERE THE UNBRACED LENGTH EXCEEDS 10' - 0". FASTEN LATERAL BRACING TO STUDS USING METAL CLIP ANGLES.
4. ALL CONDUIT, PIPE, DUCT, BEAM, ETC. PENETRATIONS SHALL BE MADE TIGHT USING BACKER MATERIAL AND CAULKING FOR SOUND ONLY (BOTH SIDES)
5. DO NOT PLACE BACK TO BACK RECEPTACLES, SWITCHES, ETC. IN THE SAME STUD CAVITY SPACE AT 24" O.C. MIN.
6. PROVIDE TIGHT CONNECTION USING BACKER MATERIAL AND CAULKING AT BASE OF PARTITION, FOR SOUND ONLY (BOTH SIDES).
7. MAINTAIN 1/2" SPACE BETWEEN FLOOR AND SLAB AND GWB AT BASE OF PARTITION.



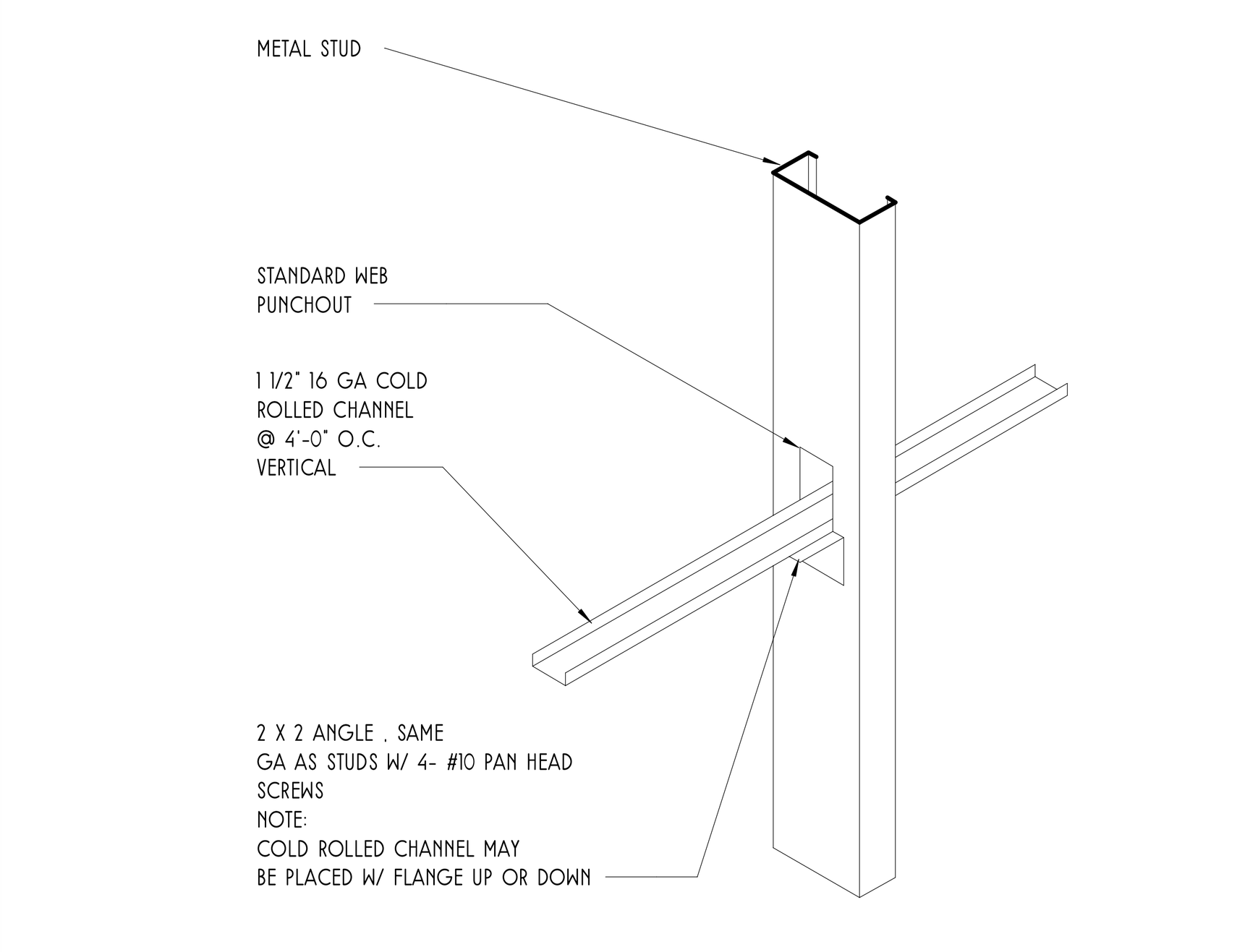
10 Blocking Detail
1 1/2" = 1'-0"



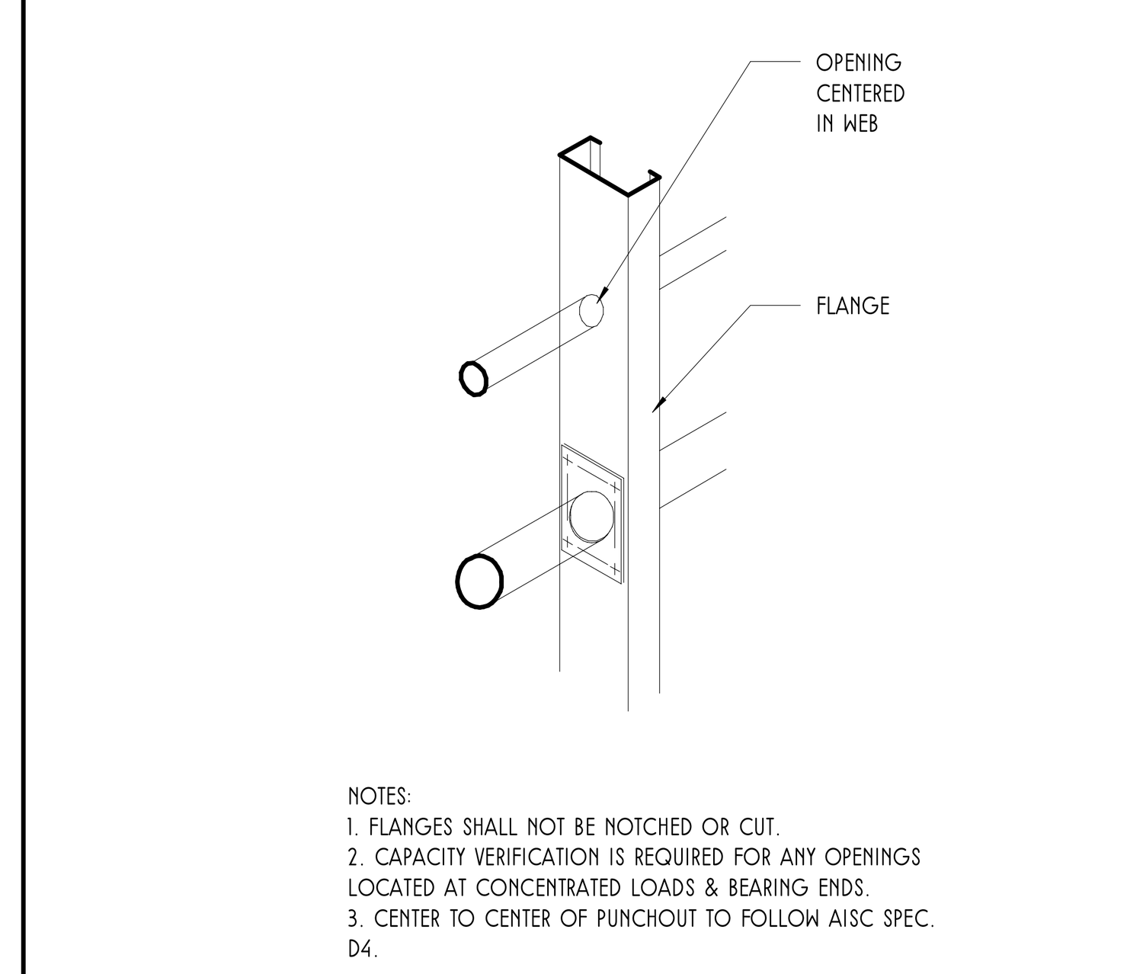
5 Top Deflection Track Detail
1 1/2" = 1'-0"



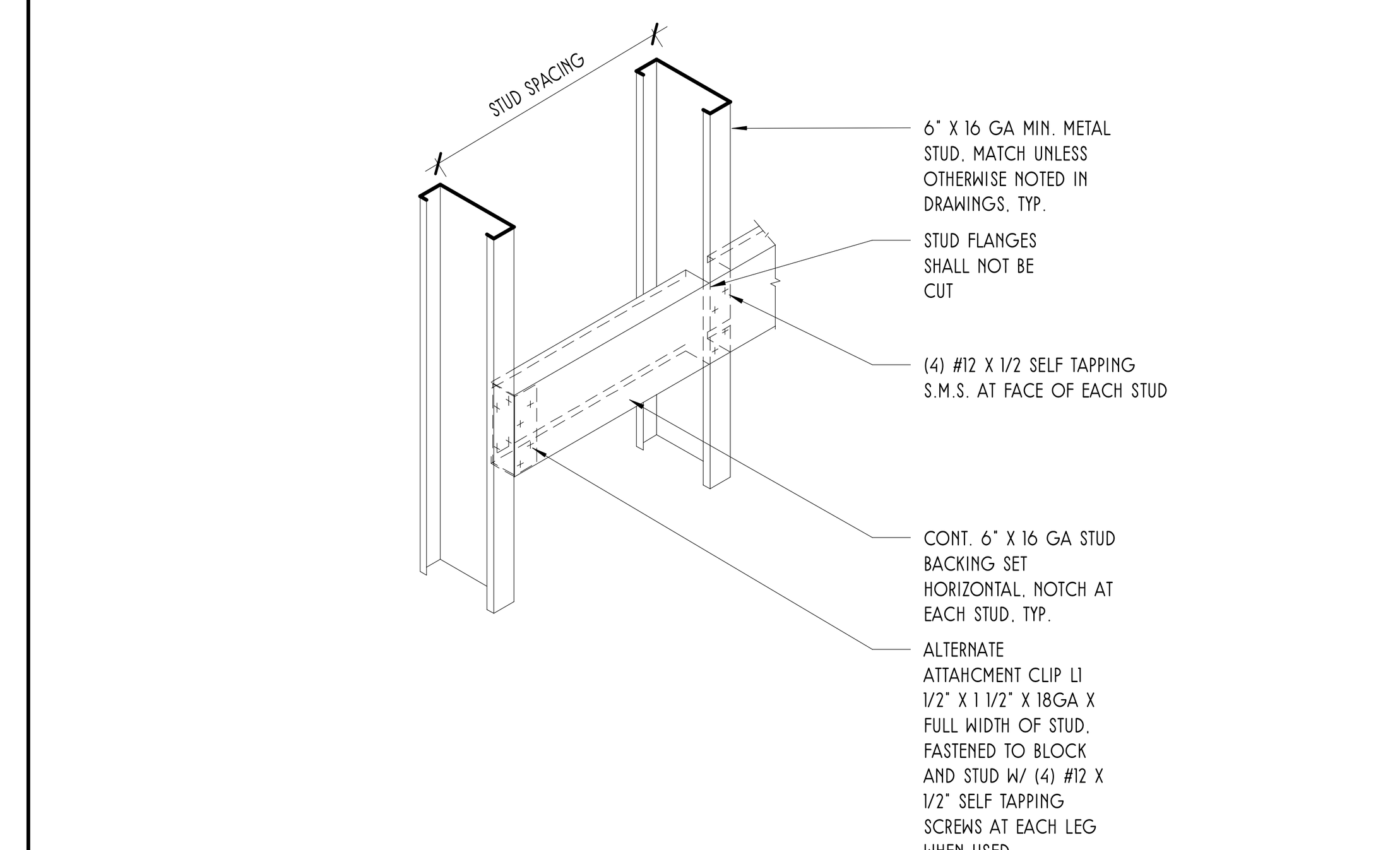
3 Typ. Horizontal Bracing Detail
1" = 1'-0"



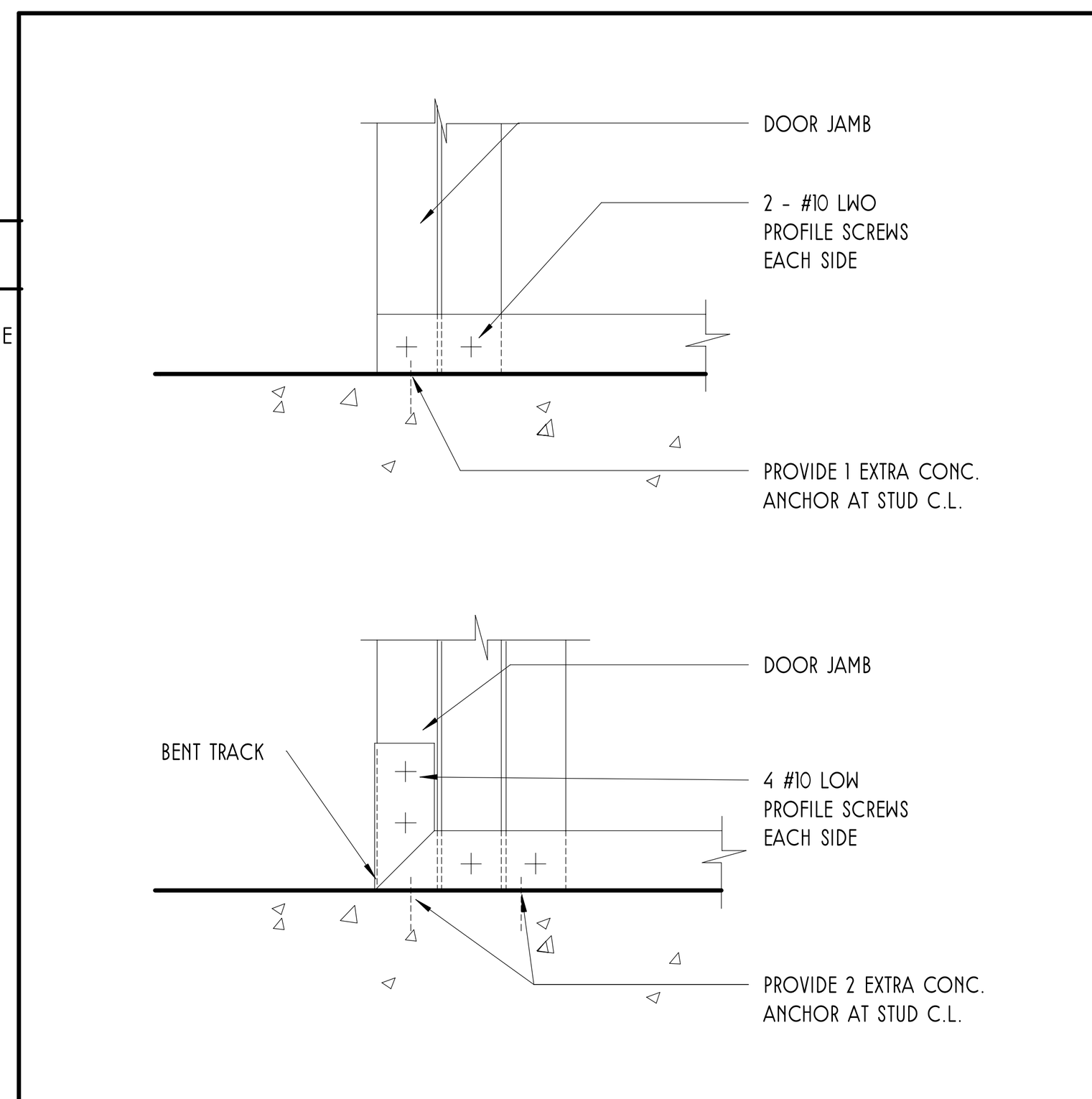
7 Typ. Bridging Detail
1 1/2" = 1'-0"



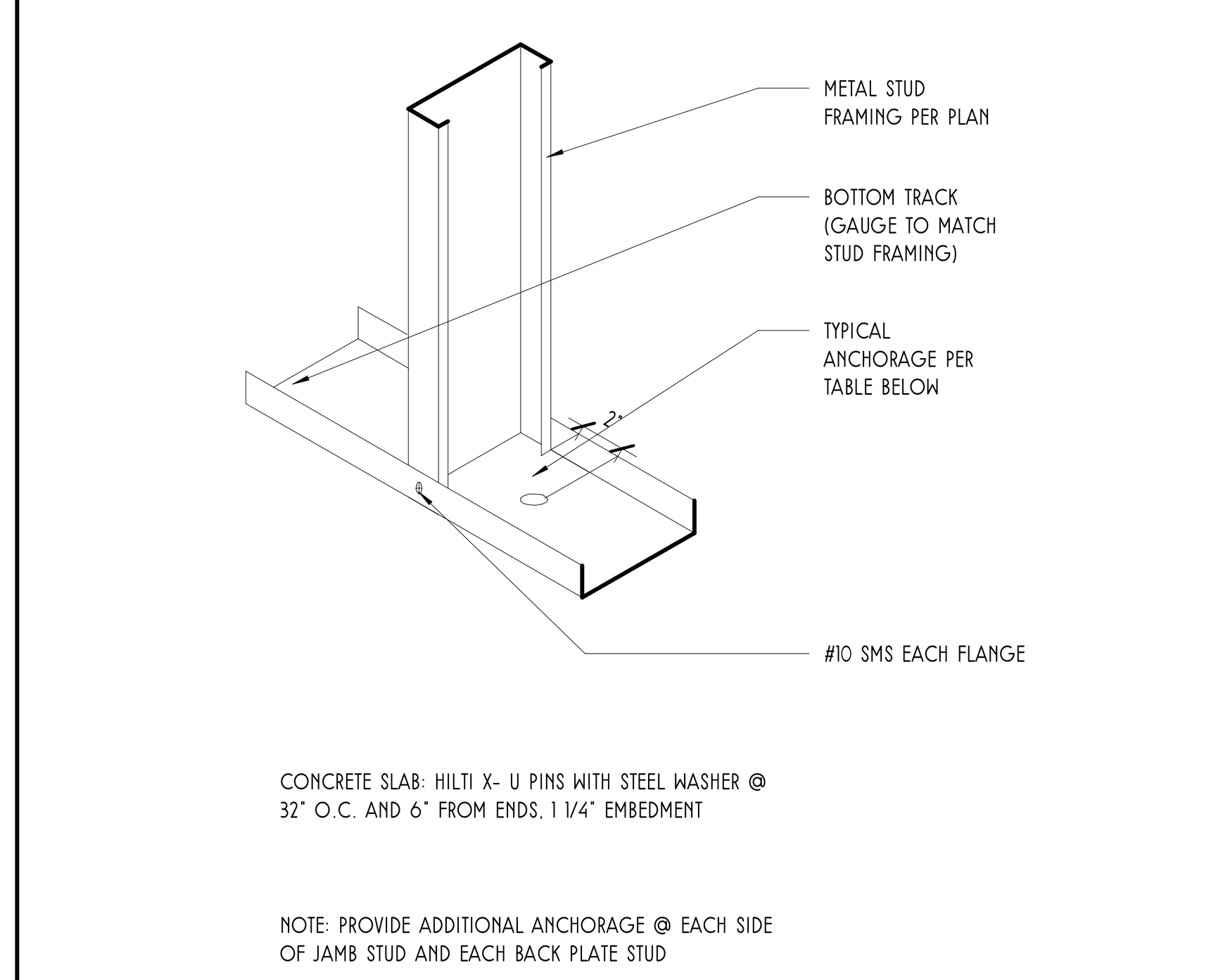
4 Typ. Stud Penetration
1 1/2" = 1'-0"



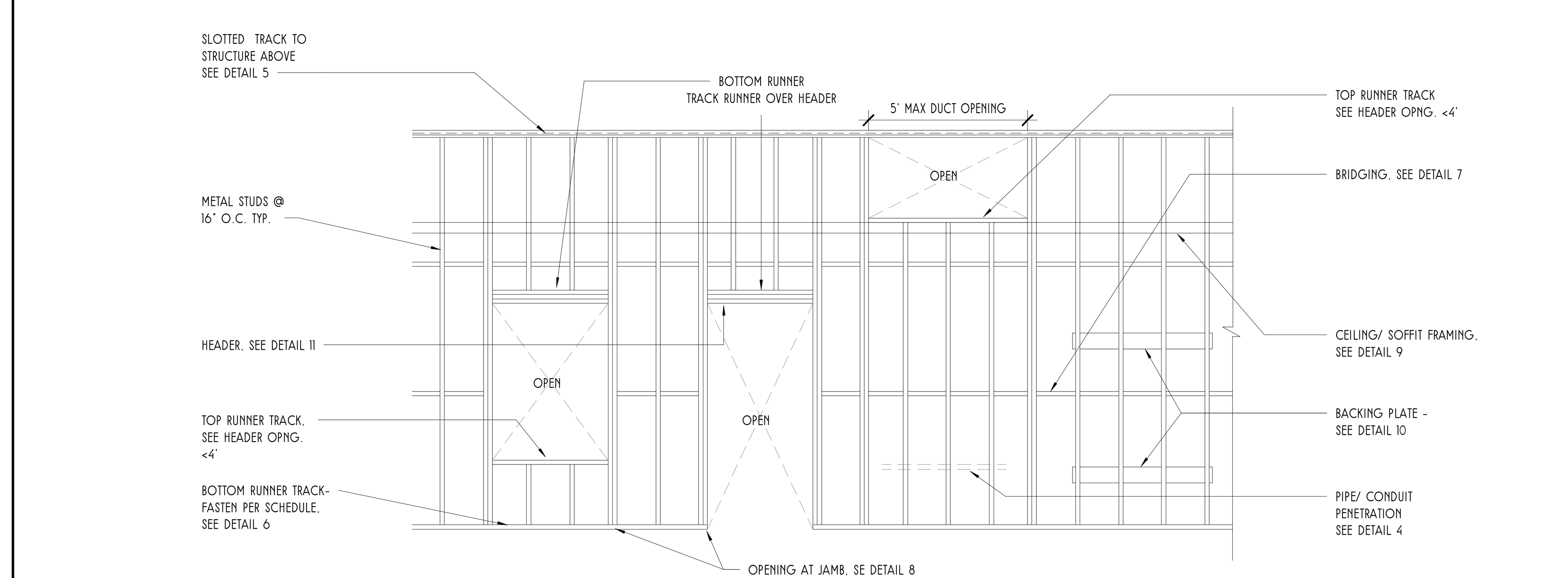
2 Horizontal Blocking
1" = 1'-0"



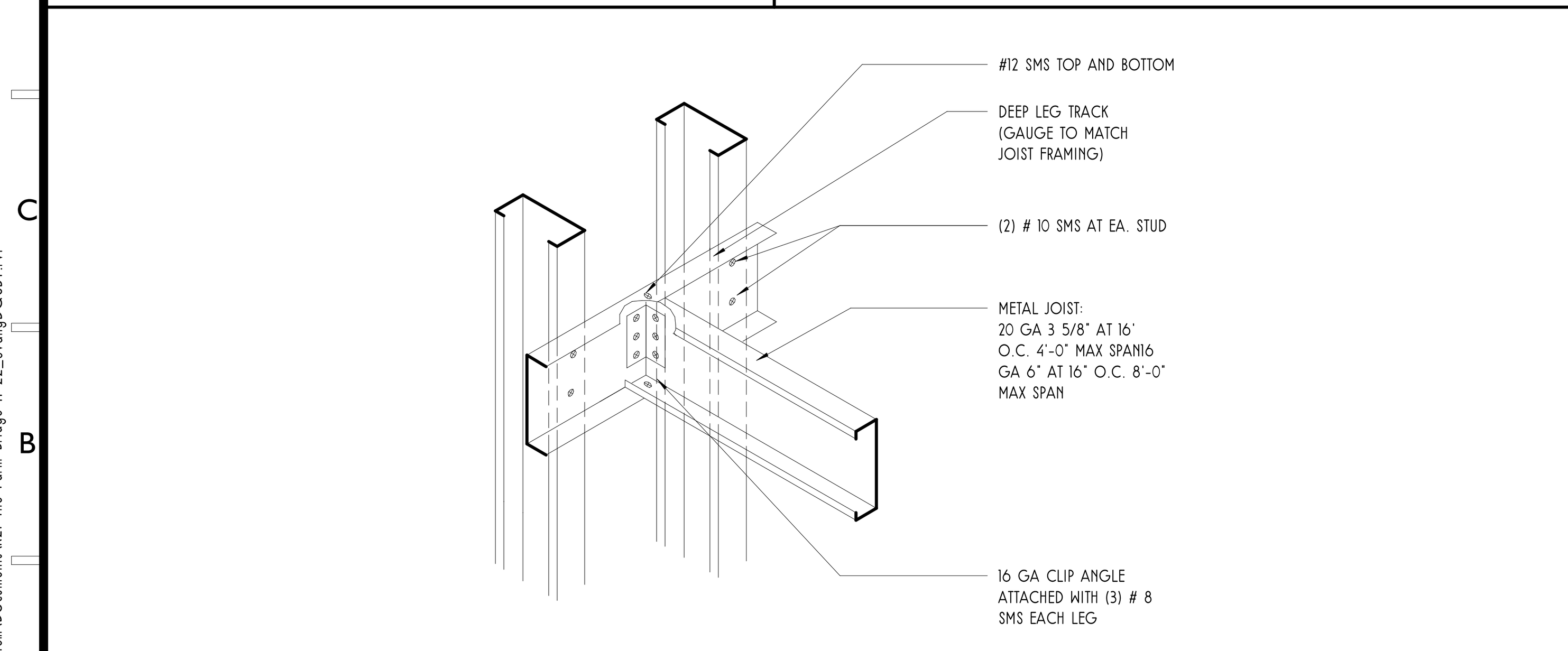
8 Typ. Framed Opening at Jambs
1" = 1'-0"



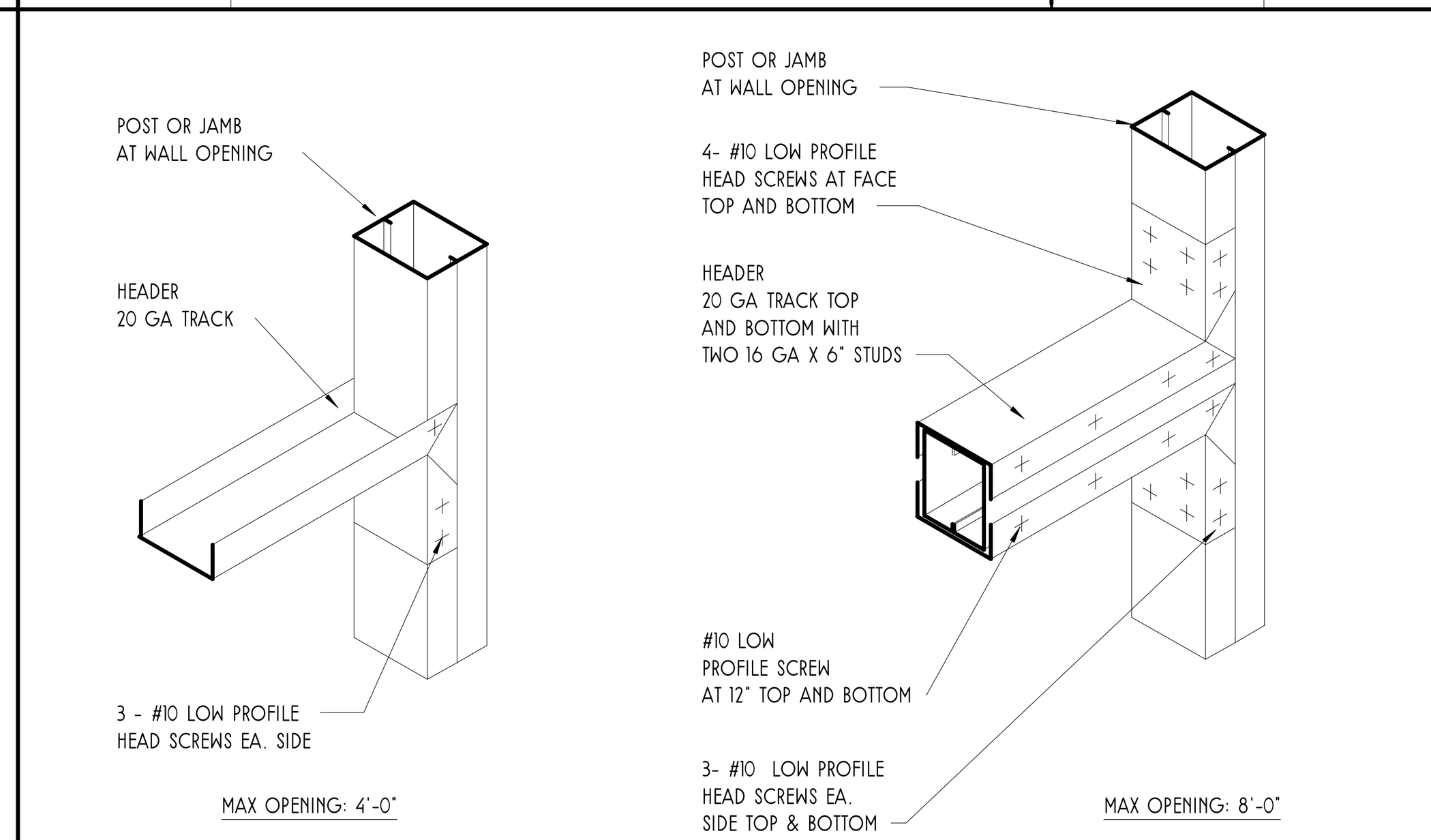
6 Mtl. Stud - Typical Floor Anchor
1 1/2" = 1'-0"



1 Typ. Metal Stud Wall Framing and Opening
3/16" = 1'-0"



9 Typ. Metal Stud Clg. / Soffit Framing
1 1/2" = 1'-0"



11 Typ. Header Connection Detail
1" = 1'-0"

CONSULTANT

REGISTERED ARCHITECT KENNETH DUNCAN SYVERTSEN 024632 STATE OF NEW YORK

STAMP

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ARCHITECT

Revision Schedule

#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

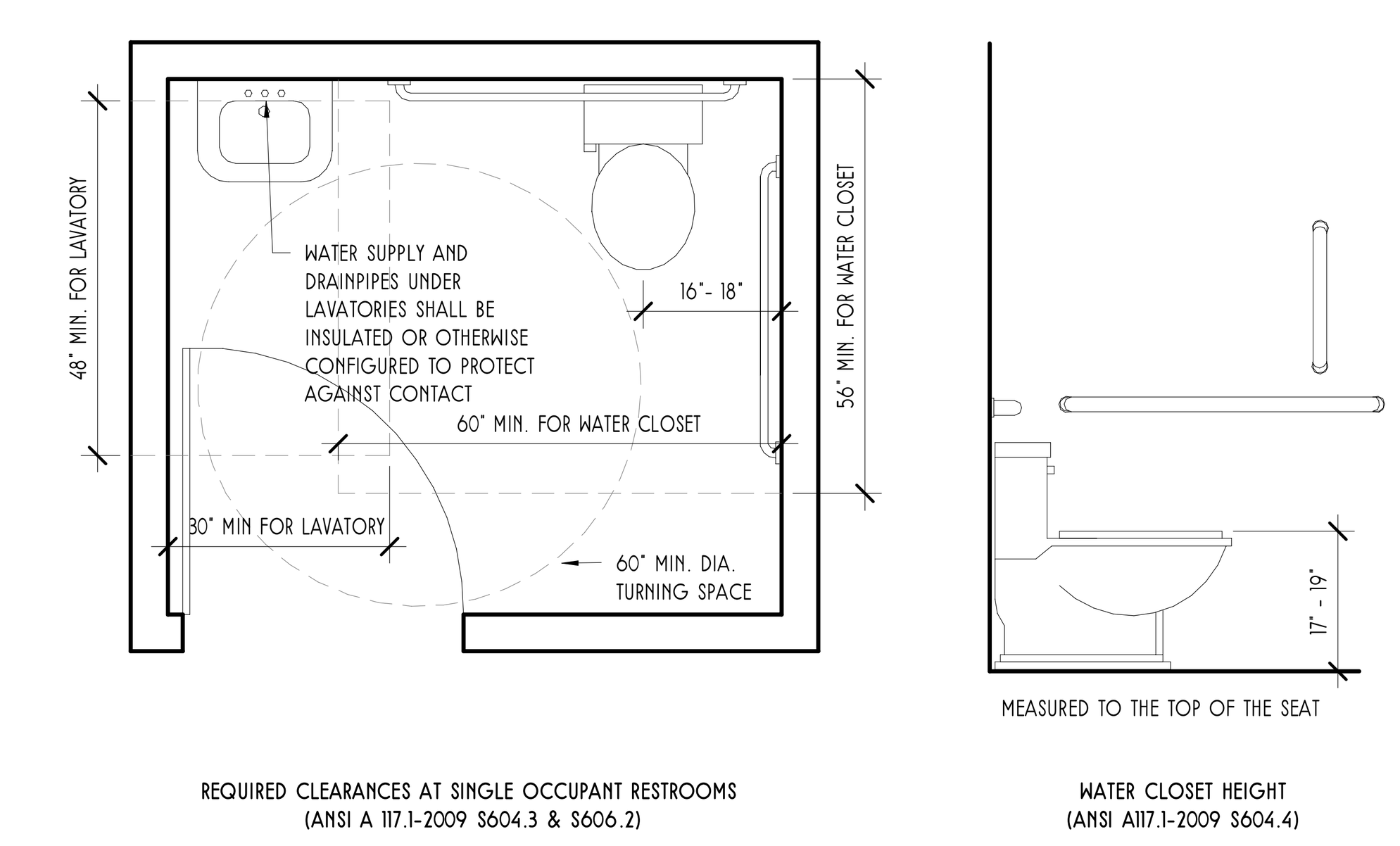
PROJECT INFORMATION

Non-Load Bearing Wall Framing Details

SHEET TITLE

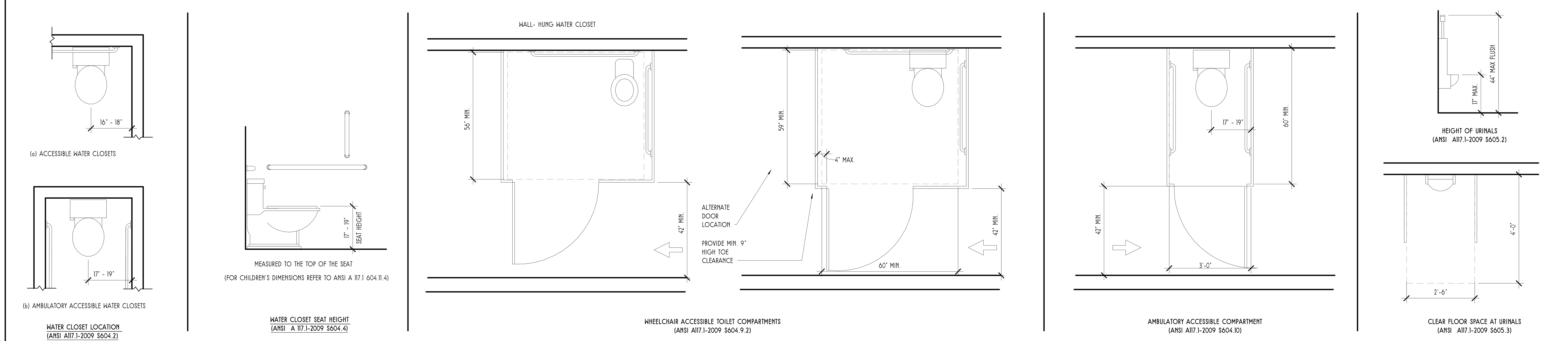
A002

SHEET NUMBER


WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT
60" MIN. FOR WATER CLOSET
30" MIN FOR LAVATORY
60" MIN. DIA TURNING SPACE
48" MIN. FOR LAVATORY
56" MIN. FOR WATER CLOSET
16" - 18"
REQUIRED CLEARANCES AT SINGLE OCCUPANT RESTROOMS (ANSI A 117.1-2009 §604.3 & §606.2)
MEASURED TO THE TOP OF THE SEAT
WATER CLOSET HEIGHT (ANSI A117.1-2009 §604.4)

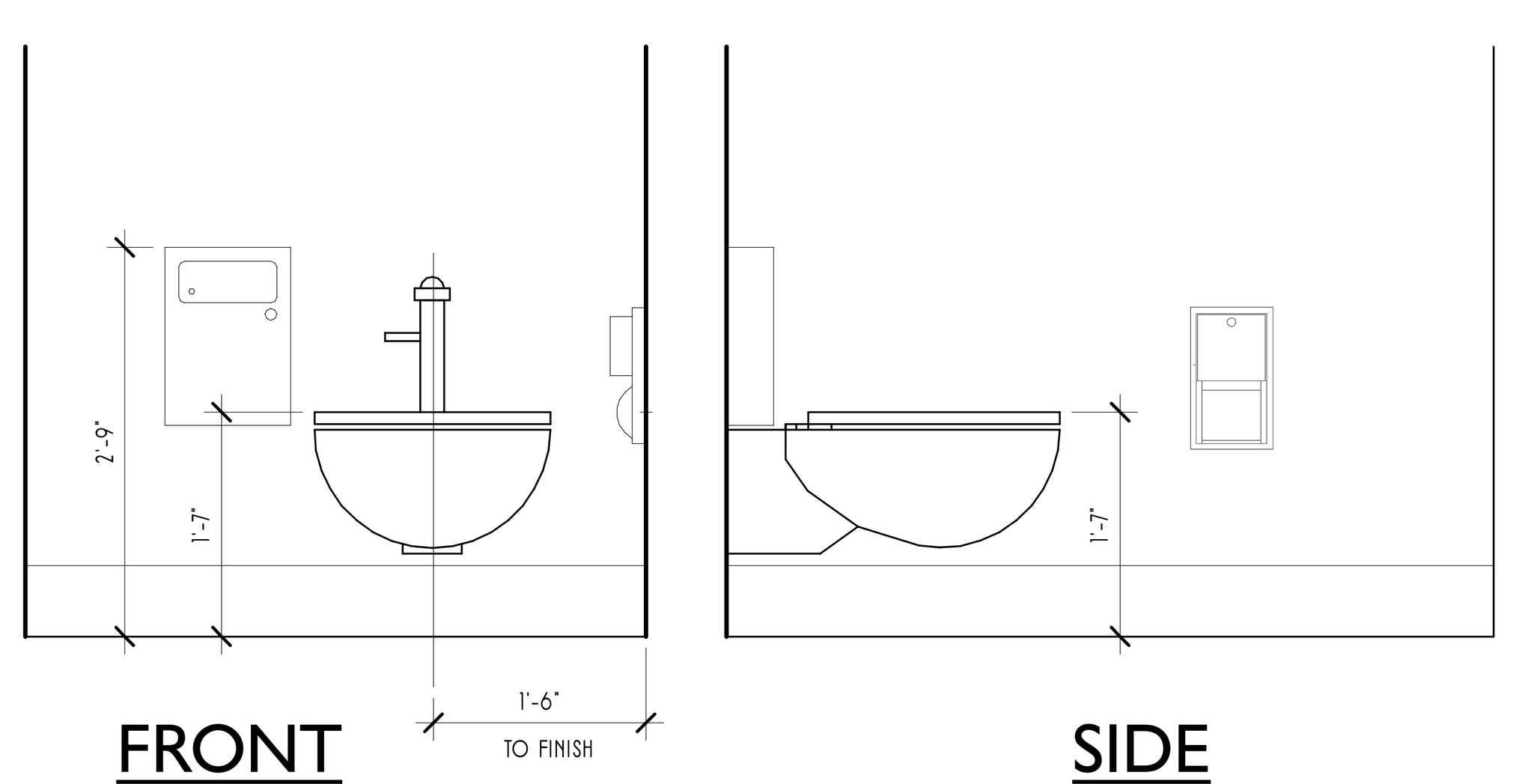
2 Req. for Commerical Water Closets

1/2" = 1'-0"


(a) ACCESSIBLE WATER CLOSETS
(b) AMBULATORY ACCESSIBLE WATER CLOSETS
WATER CLOSET LOCATION (ANSI A117.1-2009 §604.2)
MEASURED TO THE TOP OF THE SEAT (FOR CHILDREN'S DIMENSIONS REFER TO ANSI A 117.1 604.11.4)
WATER CLOSET SEAT HEIGHT (ANSI A 117.1-2009 §604.4)
WALL- HUNG WATER CLOSET
ALTERNATE DOOR LOCATION
PROVIDE MIN. 9" HIGH TOE CLEARANCE
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS (ANSI A117.1-2009 §604.9.2)
AMBULATORY ACCESSIBLE COMPARTMENT (ANSI A117.1-2009 §604.10)
HEIGHT OF URINALS (ANSI A117.1-2009 §605.2)
CLEAR FLOOR SPACE AT URINALS (ANSI A117.1-2009 §605.3)

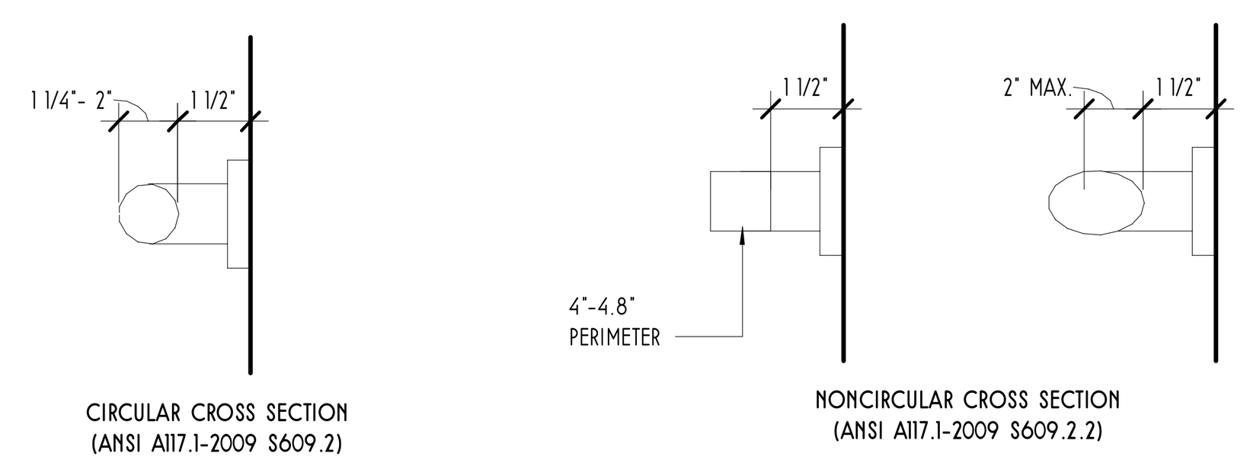
1 Requirements for Commercial Water Closets and Toilet Compartments

1/2" = 1'-0"



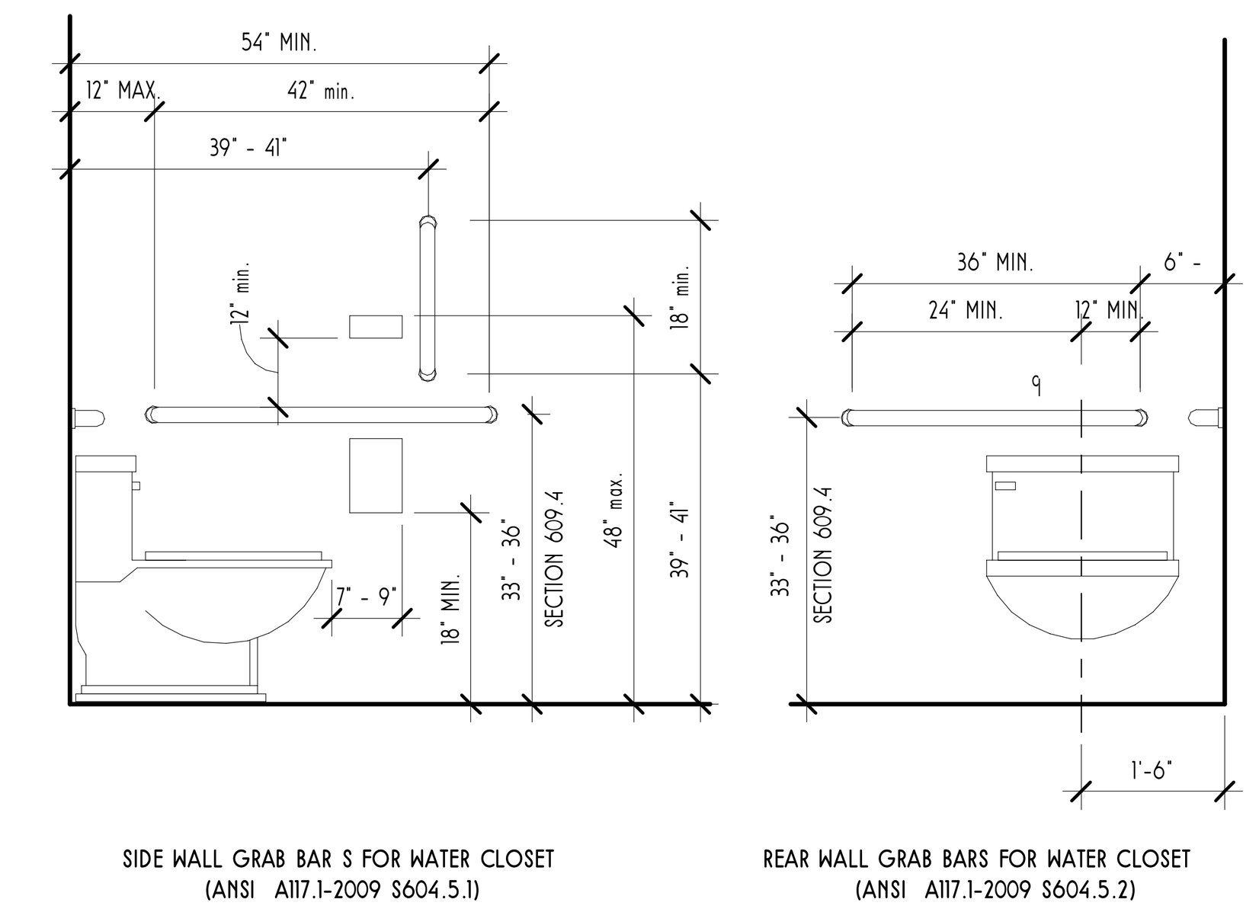
3 Toilet Accessories Mounting Details (TYP)

3/4" = 1'-0"



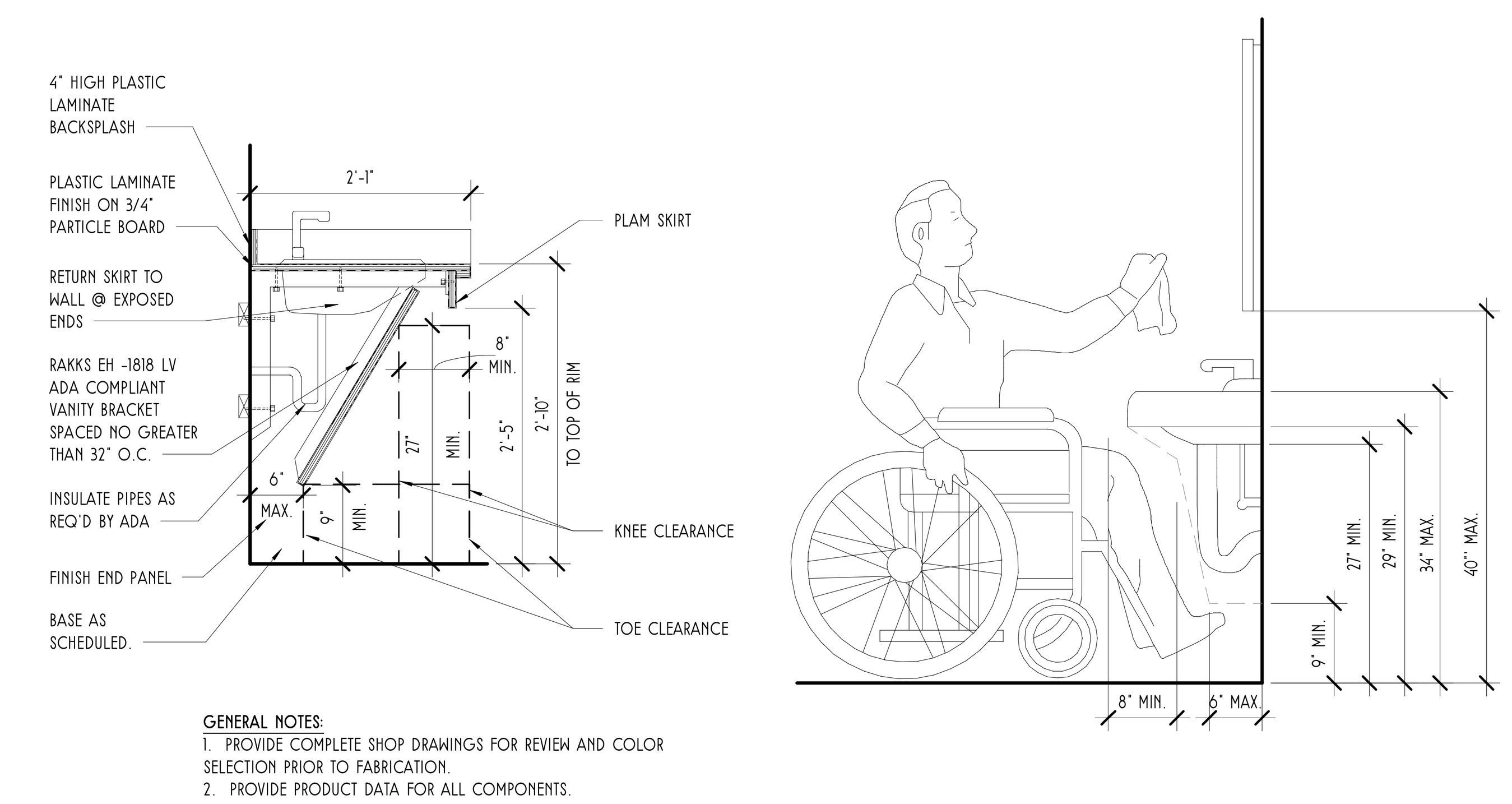
7 Grab Bar Profiles

3" = 1'-0"



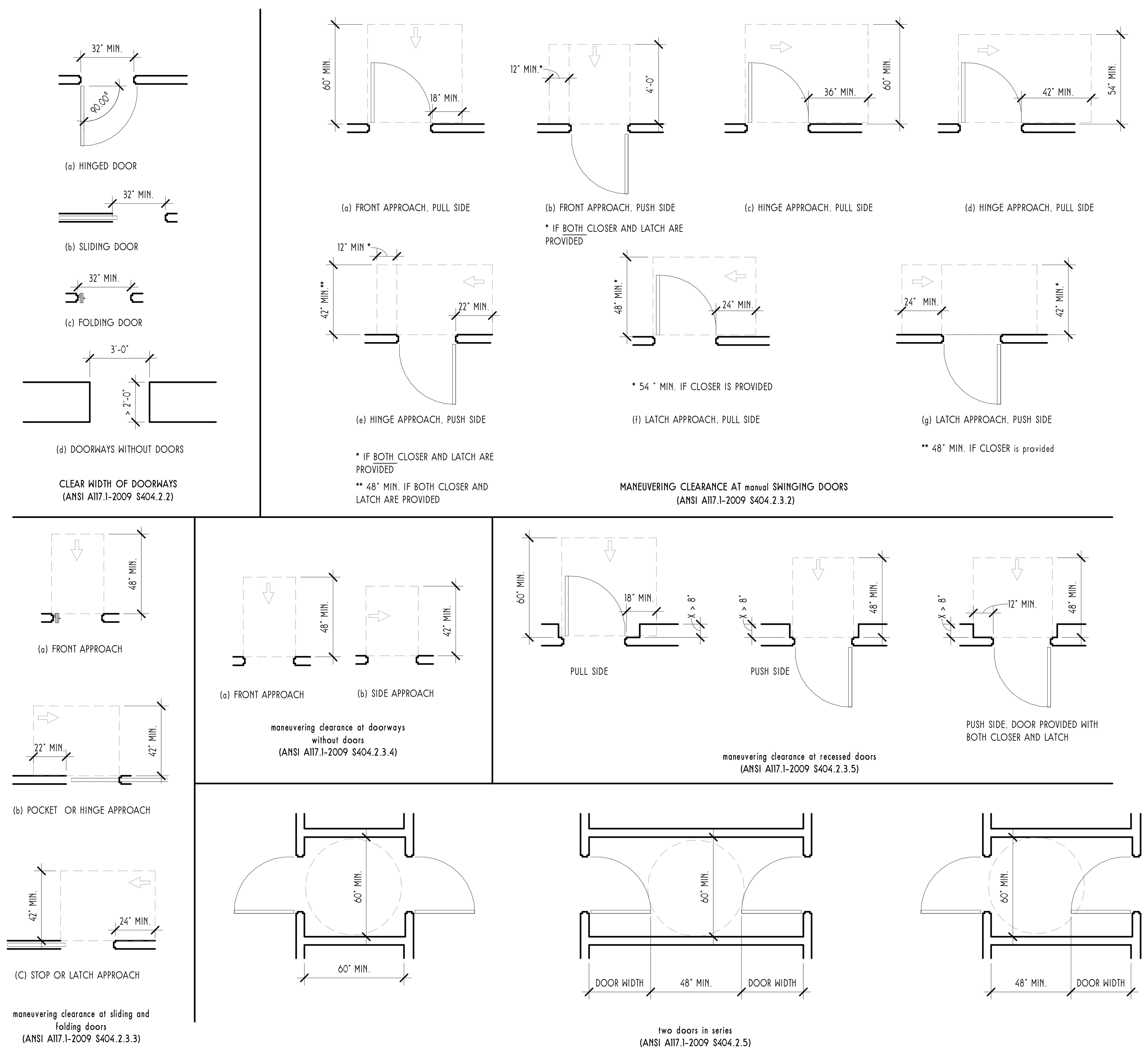
6 Grab Bar Req. at Water Closets

1/2" = 1'-0"


4" HIGH PLASTIC LAMINATE BACKSPLASH
PLASTIC LAMINATE FINISH ON 3/4" PARTICLE BOARD
RETURN SKIRT TO WALL @ EXPOSED ENDS
RAKKS EH -1818 LV ADA COMPLIANT VANITY BRACKET SPACED NO GREATER THAN 32" O.C.
INSULATE PIPES AS REQ'D BY ADA
FINISH END PANEL
BASE AS SCHEDULED
PLAM SKIRT
KNEE CLEARANCE
TOE CLEARANCE
GENERAL NOTES:
1. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND COLOR SELECTION PRIOR TO FABRICATION.
2. PROVIDE PRODUCT DATA FOR ALL COMPONENTS.

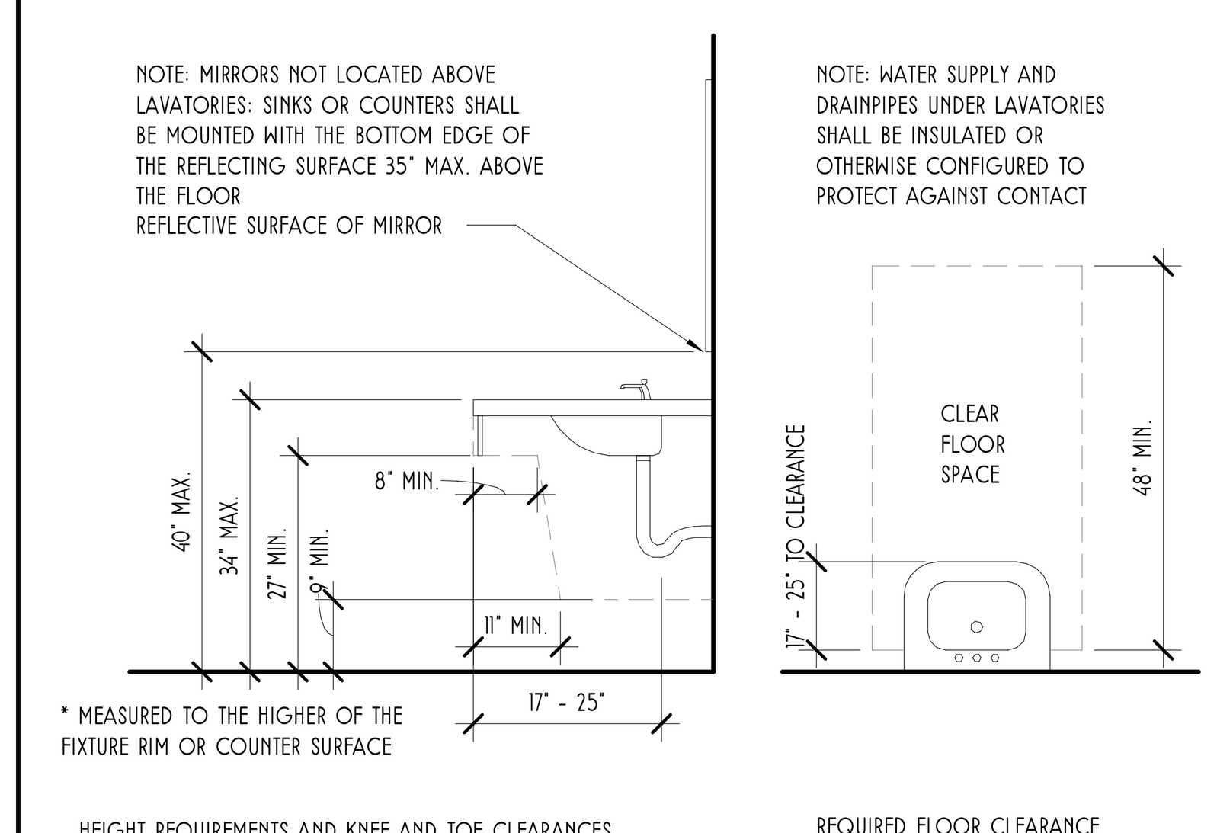
5 ADA Vanity Section

3/4" = 1'-0"


(a) HINGED DOOR
(b) SLIDING DOOR
(c) FOLDING DOOR
(d) DOORWAYS WITHOUT DOORS
CLEAR WIDTH OF DOORWAYS (ANSI A117.1-2009 §404.2.2)
(a) FRONT APPROACH, PULL SIDE
(b) FRONT APPROACH, PUSH SIDE
* IF BOTH CLOSER AND LATCH ARE PROVIDED
(c) HINGE APPROACH, PULL SIDE
(d) HINGE APPROACH, PULL SIDE
(e) HINGE APPROACH, PUSH SIDE
* IF BOTH CLOSER AND LATCH ARE PROVIDED
** 48" MIN. IF BOTH CLOSER AND LATCH ARE PROVIDED
(f) LATCH APPROACH, PULL SIDE
* 54" MIN. IF CLOSER IS PROVIDED
(g) LATCH APPROACH, PUSH SIDE
** 48" MIN. IF CLOSER is provided
MANEUVERING CLEARANCE AT manual SWINGING DOORS (ANSI A117.1-2009 §404.2.3.2)
(a) FRONT APPROACH
(b) POCKET OR HINGE APPROACH
(C) STOP OR LATCH APPROACH
maneuvering clearance at sliding and folding doors (ANSI A117.1-2009 §404.2.3.3)
(a) FRONT APPROACH
(b) SIDE APPROACH
maneuvering clearance at doorways without doors (ANSI A117.1-2009 §404.2.3.4)
PULL SIDE
PUSH SIDE
PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH
maneuvering clearance at recessed doors (ANSI A117.1-2009 §404.2.3.5)
DOOR WIDTH
two doors in series (ANSI A117.1-2009 §404.2.5)

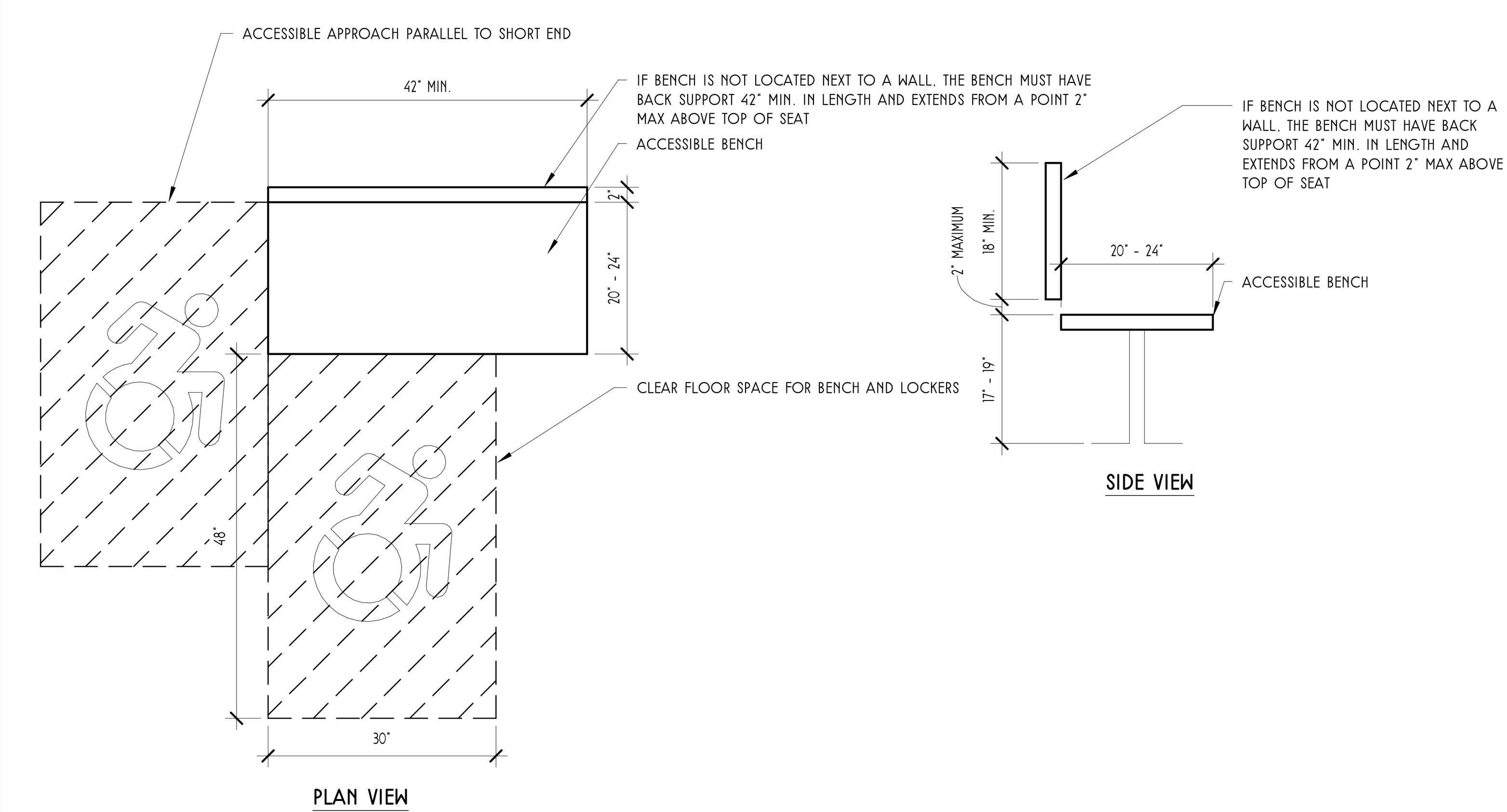
8 Minimum Space Requirements for Handicap Accessible Doors

1/4" = 1'-0"


NOTE: MIRRORS NOT LOCATED ABOVE LAVATORIES, SINKS OR COUNTERS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35" MAX. ABOVE THE FLOOR
REFLECTIVE SURFACE OF MIRROR
NOTE: WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT
CLEAR FLOOR SPACE
* MEASURED TO THE HIGHER OF THE FIXTURE RIM OR COUNTER SURFACE
HEIGHT REQUIREMENTS AND KNEE AND TOE CLEARANCES
REQUIRED FLOOR CLEARANCE

4 Req. for Commercial Lavatories

1/2" = 1'-0"


ACCESSIBLE APPROACH PARALLEL TO SHORT END
IF BENCH IS NOT LOCATED NEXT TO A WALL, THE BENCH MUST HAVE BACK SUPPORT 42" MIN. IN LENGTH AND EXTENDS FROM A POINT 2" MAX ABOVE TOP OF SEAT
ACCESSIBLE BENCH
CLEAR FLOOR SPACE FOR BENCH AND LOCKERS
PLAN VIEW
SIDE VIEW

10 ADA Bench Detail

3/4" = 1'-0"

CONSULTANT

STAMP

ARCHITECT

SRA SYVERTSEN RIGOSU architects

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

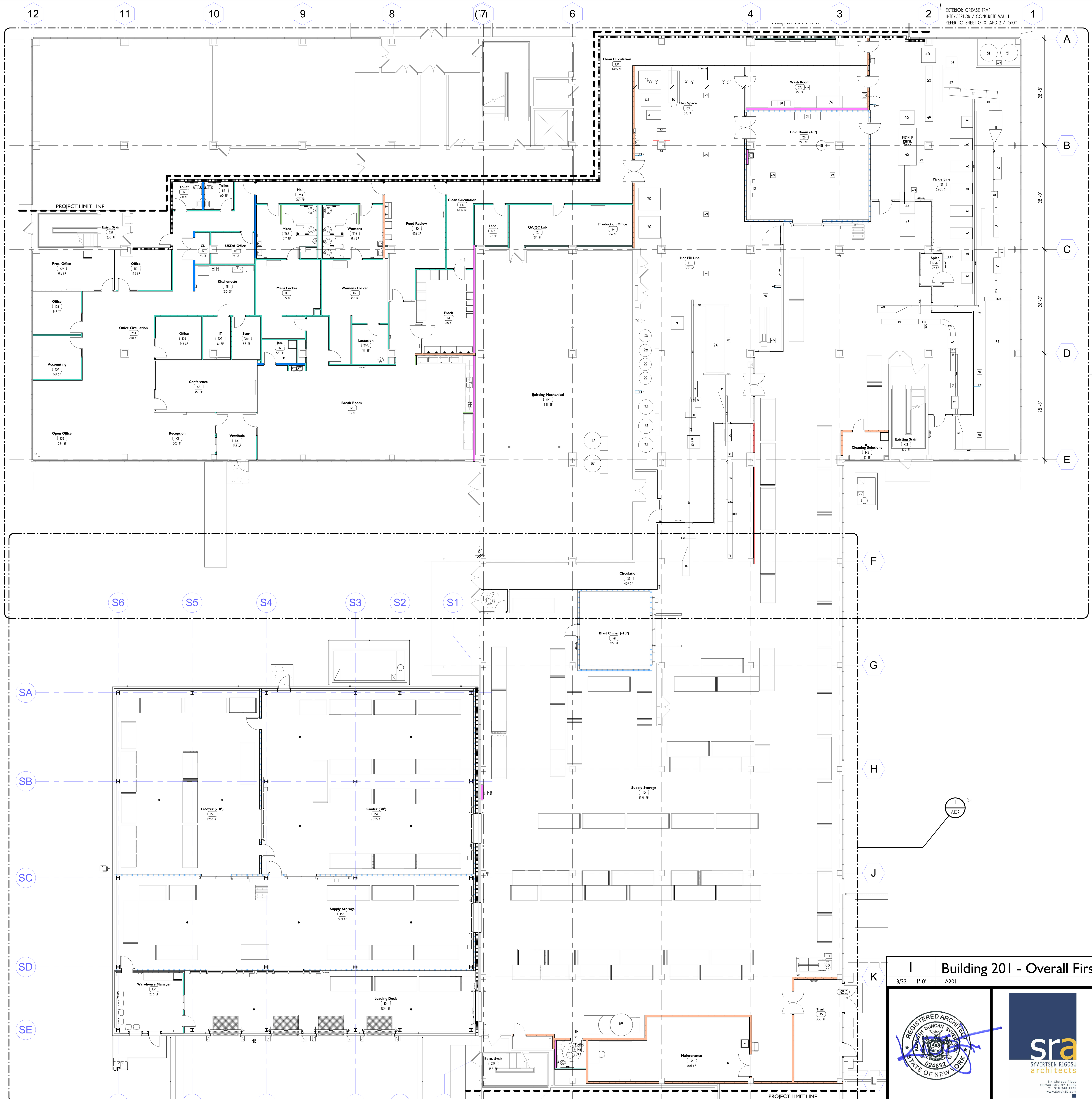
PROJECT INFORMATION

Accessibility Details

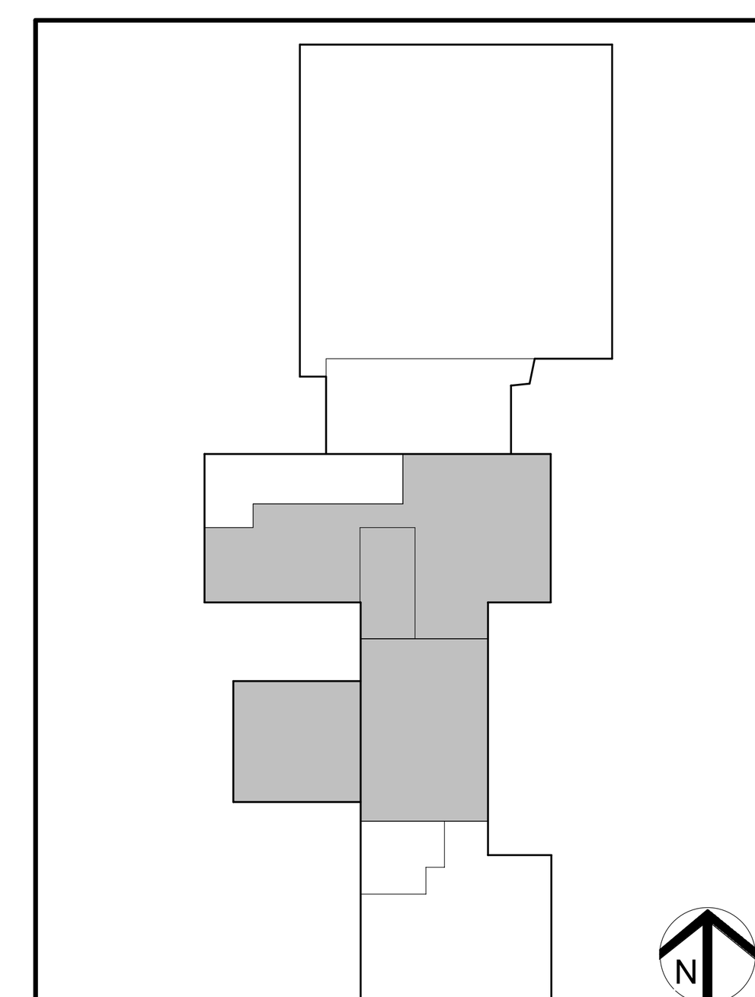
SHEET TITLE

A003

SHEET NUMBER



1 Building 201 - Overall First Floor Plan
3/32" = 1'-0"
A201



Keyplan (Not to Scale)

STAMP

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Revision Schedule		
#	Description	Date

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SCALE	As indicated
DRAWN BY	JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

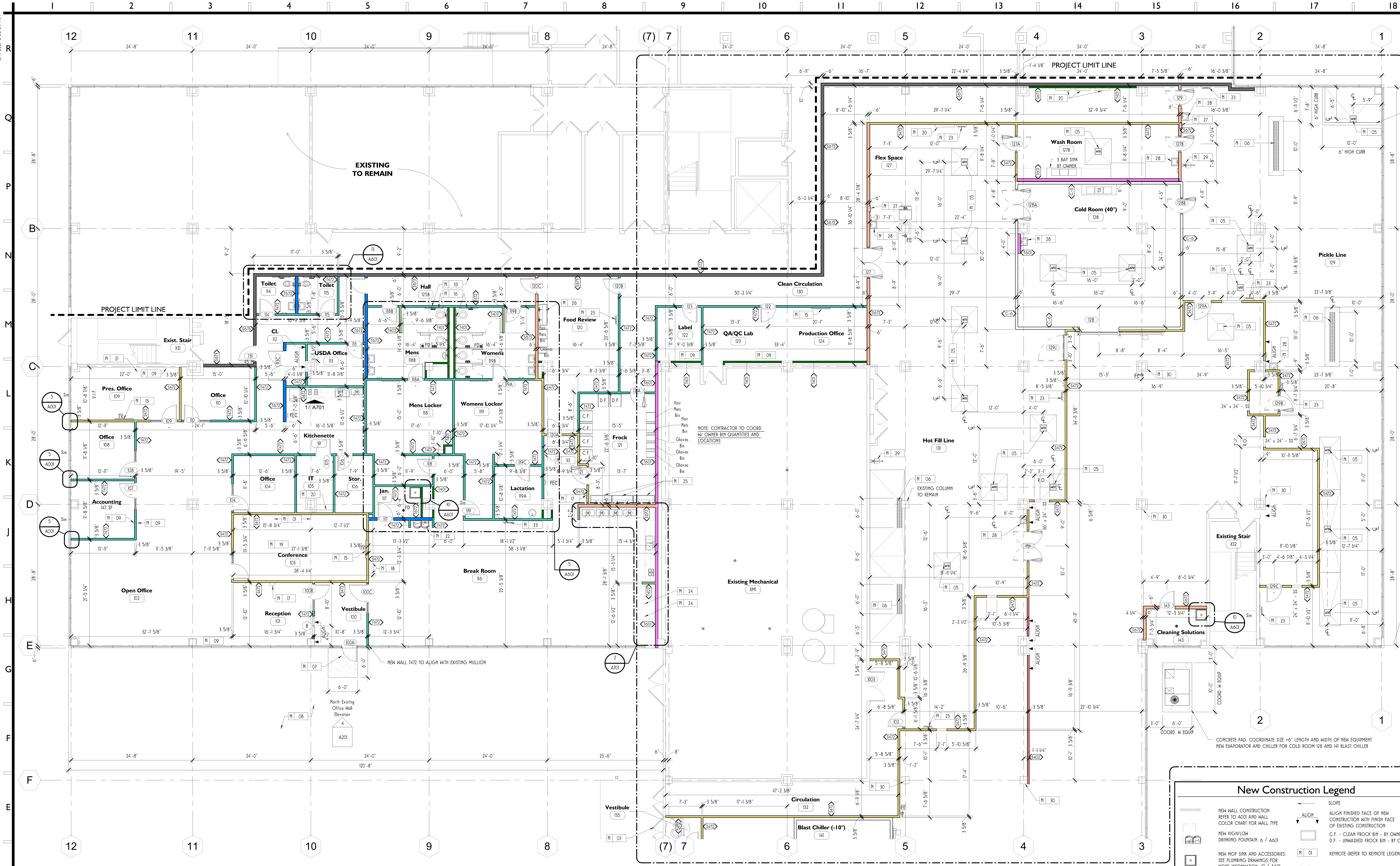
PROJECT INFORMATION

Overall First Floor Plan

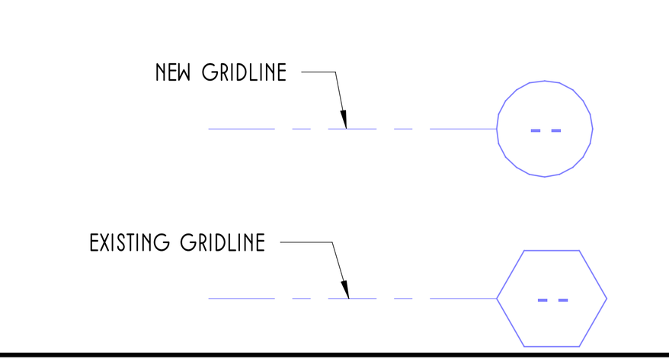
SHEET TITLE

A100

SHEET NUMBER



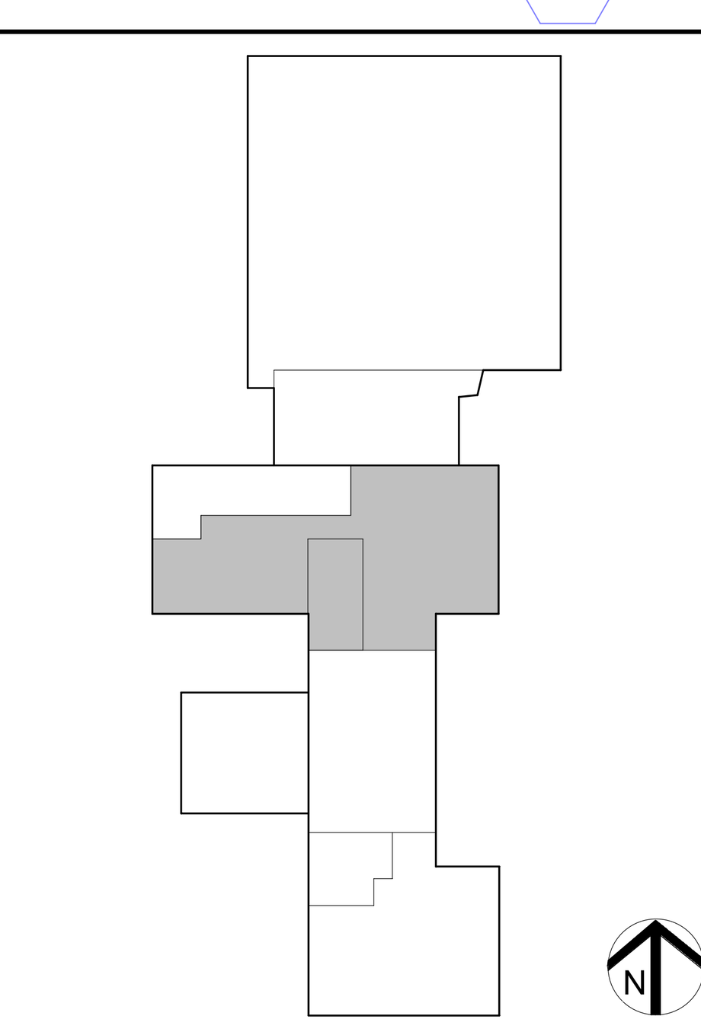
Grid Line Type



New Construction Legend

- NEW WALL CONSTRUCTION REFER TO A001 AND WALL COLOR CHART FOR WALL TYPE
- NEW HIGH/LOW DRINKING FOUNTAIN 6 / A601
- NEW MOP SINK AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR MORE INFORMATION. 10 / A601
- EXISTING DOOR AND FRAME AS SCHEDULED
- NEW DOOR AND FRAME AS SCHEDULED SEE A901
- 12" WIDE TRENCH DRAIN. REFER TO PLUMBING DRAWINGS
- NEW WALL MOUNTED WATER HOSE REEL (75'-0"). REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION (COVERAGE AREA)
- SLOPE
- ALIGN — ALIGN FINISHED FACE OF NEW CONSTRUCTION WITH FINISH FACE OF EXISTING CONSTRUCTION
- C.F. - CLEAN FROCK BIN - BY OWNER D.F. - UNWASHED FROCK BIN - BY OWNER
- N 01 — KEYNOTE (REFER TO KEYNOTE LEGEND)
- 101 1hr — DOOR TAG
- 1111 — WALL TAG
- 1t — WINDOW TAG
- NEW SINK (SEE PLUMBING DRAWINGS FOR MORE INFORMATION)
- AFD — 16" x 16" AREA FLOOR DRAIN. REFER TO PLUMBING DRAWINGS
- HB — HOSEBIBB REFER TO PLUMBING DRAWINGS
- SPOT ELEVATION
- FD — FLOOR DRAIN. REFER TO PLUMBING DWGS

Key Plan (Not to Scale)



1	First Floor Plan - Partial North
1/8" = 1'-0"	A100

New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	01	PROVIDE FIRE TREATED BLOCKING FOR WHITE BOARD MOUNTING - COORDINATE EXTENT OF WHITE BOARD WITH OWNER
N	02	CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DWG'S FOR ADD'L INFORMATION
N	05	PROVIDE 16" AREA DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	06	PROVIDE 12" WIDE TRENCH DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	07	STANDARD KEY LOCK ACCESS INTO BUILDING - REFER TO DOOR HARDWARE ON A901
N	08	REFER TO CIVIL DRAWING FOR PAVING TO CONNECT NEW OFFICE ENTRY TO EXISTING SITE PAVING
N	09	PRINTER LOCATION - PROVIDE POWER AND DATA - COORDINATE SIZE WITH OWNER - REFER TO ELECTRICAL DWGS
N	11	PROVIDE EXTRUDED ALUMINUM FASCIA COMPLETE - BASIS OF DESIGN METAL ERA COPING CREATIVE DESIGN LEAK TITE COPING
N	12	PROVIDE 7"X7" MIN. ALUMINUM GUTTER WITH DOWNSPOUTS, COMPLETE
N	14	PROVIDE NEW CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DRAWINGS
N	15	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW TV, TV SIZE AND MOUNTING HEIGHT TO BE COORD. W/ OWNER
N	16	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW ADA GRAB BAR

New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	17	NEW EMPLOYEE TIME CARD CLOCK IN STATION BY OWNER - COORDINATE WITH OWNER
N	18	VENDING MACHINES FOR SNACKS AND DRINKS BY OWNER - COORDINATE WITH OWNER
N	19	USB/RECEPTACLES POP UPS AT TABLE - POWER CONNECTION TO TV AT WALL INCORPORATED INTO FURNITURE REFER TO ELECTRICAL DWGS
N	20	PROVIDE 3/4 FIRE TREATED PLYWOOD AND BLOCKING FOR ELECTRICAL PANEL - COORDINATE SIZE OF PANEL WITH ELECTRICAL DWGS
N	21	PROVIDE POWER FOR MINI FRIDGE - REFER TO ELECTRICAL DRAWINGS
N	22	BASIS OF DESIGN: ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS. - SEE 6/A601
N	23	DEDICATED CIRCUIT TO FLY LIGHT - 10' HIGH - MAX - MINIMUM TO BOTTOM OF CEILING ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS.
N	24	REFRIGERATOR - COORDINATE SIZE AND LOCATION WITH OWNER
N	25	PROVIDE ADVANCE TABCO THREE STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
N	26	PROVIDE ADVANCE TABCO TWO STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	27	AUTOMATIC SENSING WATER BOTTLE FILLER - COLD AND HOT WATER HOOK UP AND FILTER - COORD. WITH OWNER
N	28	HANDSINK - ADVANCE TABCO MODEL# 7-PS-26 ELECTRONIC FAUCET W/ DECK MOUNTED SOAP DISPENSER
N	29	EMERGENCY EYEWASH/DRENCH SHOWER COMBO - BASIS OF DESIGN: BRADLEY S19314FSS SERIES W/ TEPID WATER PARD PIPED SEE 9/A601
N	30	PAINT EXISTING COLUMN SAFETY YELLOW, TYPICAL
N	31	PROVIDE DOCK SEAL AND BUMPERS AT OVER HEAD LOADING DOCK DOORS BASIS OF DESIGN: BLUE GIANT FIXED HEAD PAD DOCK SEAL BGDSF - BLACK 40OZ HI-TEAR VINYL - DOCK BUMPERS (2) AT EACH OH DOOR - BASIS OF DESIGN: DURABLE CORPORATION MODEL B10510-14: 10-1/2" X 10"
N	32	NEW ALUMINUM DOWNSPOUT - ALUMINUM DOWNSPOUTS ALONG NORTH FACADE ADDITION TO CONNECT TO DRAINAGE COLLECTION SYSTEM (8" HIGH DENSITY POLYTHYLENE PIPE) DRAINAGE SYSTEM TIE INTO EXISITNG STORM DRAIN
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N	34	PROVIDE BOLLARDS AT DOOR - PAINTED SAFETY YELLOW - REFER TO DETAIL 2/3 FF100

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**

Wall Diagram Color Chart

- T401
- T402
- T472
- T672
- S472
- S672
- S673 1 HR
- S634 3 HR

REFER TO A001 FOR PARTITION WALL ASSEMBLY

CONSULTANT

REGISTERED ARCHITECT KENNETH DUNCAN SYVERTSEN 024632 STATE OF NEW YORK

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ARCHITECT

Revision Schedule		
#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

First Floor Plan - Partial North

SHEET TITLE

A101

SHEET NUMBER

C403.10 REFRIGERATION EQUIPMENT PERFORMANCE

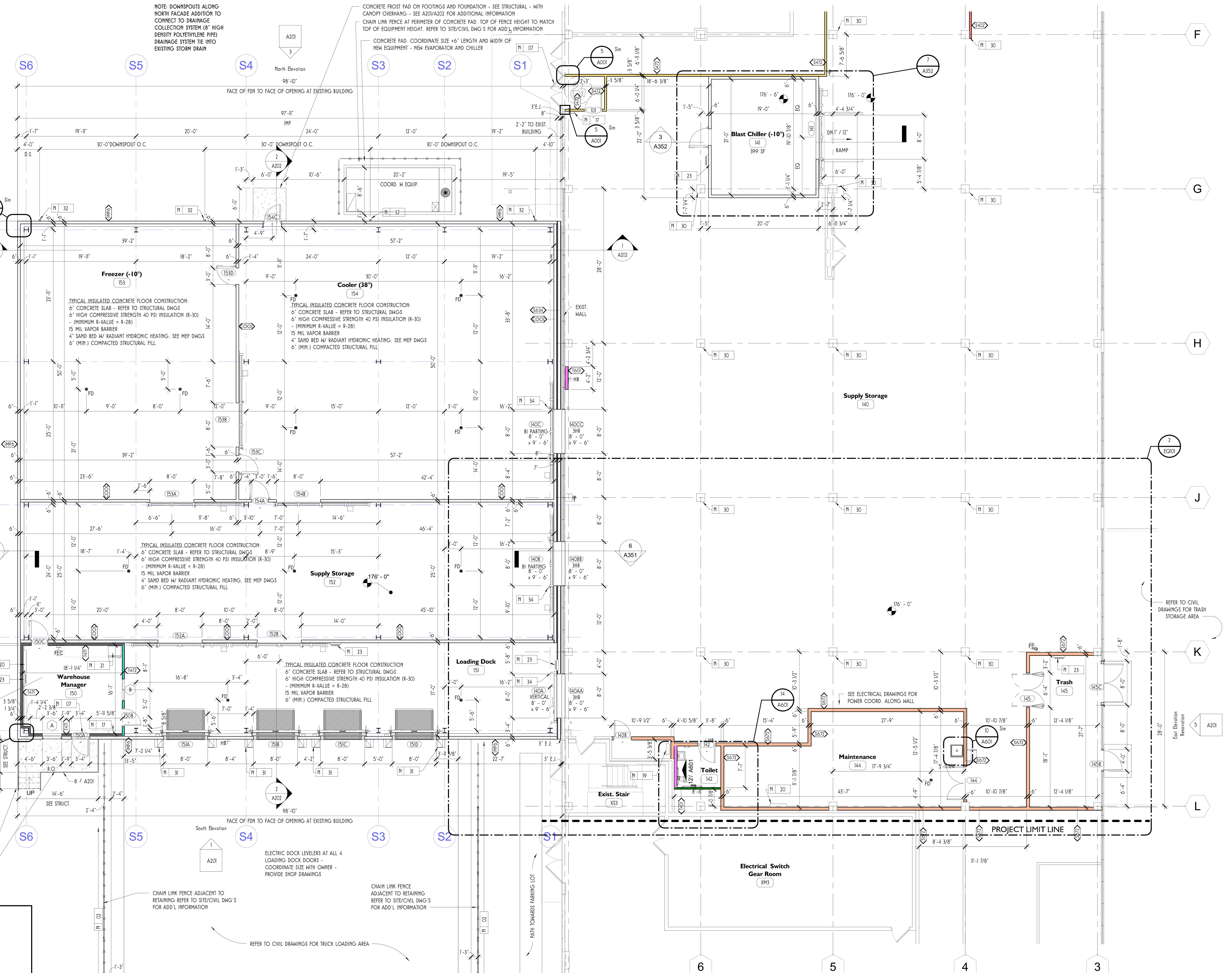
REFRIGERATION EQUIPMENT SHALL HAVE AN ENERGY USE IN KWH/DAY NOT GREATER THAN THE VALUES OF TABLES C403.10.1(1) AND C403.10.1(2) WHEN TESTED AND RATED IN ACCORDANCE WITH AHRI STANDARD 1200. THE ENERGY USE SHALL BE VERIFIED THROUGH CERTIFICATION UNDER AN APPROVED CERTIFICATION PROGRAM OR, WHERE A CERTIFICATION PROGRAM DOES NOT EXIST, THE ENERGY USE SHALL BE SUPPORTED BY DATA FURNISHED BY THE EQUIPMENT MANUFACTURER.

C403.10.1 WALK-IN COOLERS, WALK-IN FREEZERS, REFRIGERATED WAREHOUSE COOLERS AND REFRIGERATED WAREHOUSE FREEZERS (MANDATORY)

WALK-IN COOLERS AND REFRIGERATED WAREHOUSE COOLERS SHALL CONTAIN WALL, CEILING, AND DOOR INSULATION OF NOT LESS THAN R-25 AND WALK-IN FREEZERS AND REFRIGERATED WAREHOUSE FREEZERS SHALL CONTAIN WALL, CEILING AND DOOR INSULATION OF NOT LESS THAN R-32.

WALK-IN FREEZERS SHALL CONTAIN FLOOR INSULATION OF NOT LESS THAN R-28.

WHERE ANTISWEAT HEATERS WITHOUT ANTISWEAT HEATER CONTROLS ARE PROVIDED, THEY SHALL HAVE A TOTAL DOOR RAIL, GLASS AND FRAME HEATER POWER DRAW OF NOT MORE THAN 7.1 W/FT2 (76 W/M2) OF DOOR OPENING FOR WALK-IN FREEZERS AND 3.0 W/FT2 (32 W/M2) OF DOOR OPENING FOR WALK-IN COOLERS.
WHERE ANTISWEAT HEATER CONTROLS ARE PROVIDED, THEY SHALL REDUCE THE ENERGY USE OF THE ANTISWEAT HEATER AS A FUNCTION OF THE RELATIVE HUMIDITY IN THE AIR OUTSIDE THE DOOR OR TO THE CONDENSATION ON THE INNER GLASS PANE.



2603.4.2 COOLER AND FREEZER WALLS
FOAM PLASTIC INSTALLED IN A MAXIMUM THICKNESS OF 10 INCHES (254 MM) IN COOLER AND FREEZER WALLS SHALL:

1. HAVE A FLAME SPREAD INDEX OF 25 OR LESS AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450, WHERE TESTED IN A MINIMUM 4-INCH (102 MM) THICNKESS

2. HAVE FLASH IGNITION AND SELF-IGNITION TEMPERATURES OF NOT LESS THAN 600 DEGREES FARENHEIT AND 800 DEGREES FARENTHEIT (316 DEGREES CELCIUS AND 427 DEGREES CELCIUS) RESPECTIVELY.

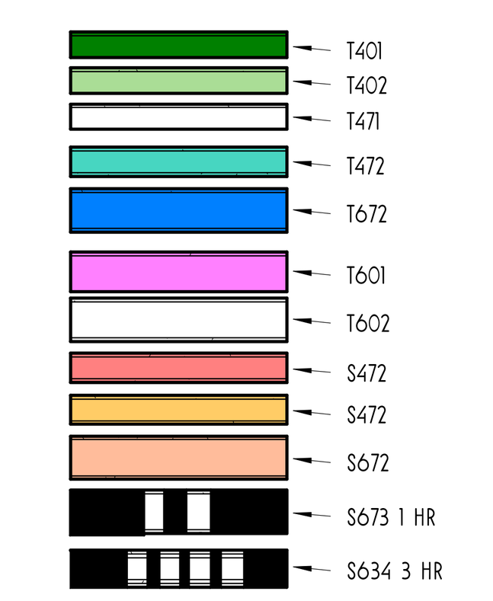
3. HAVE A COVERING OF NOT LESS THAN 0.032 INCH ALUMINUM OR CORROSION-RESISTANT STEEL HAVING A BASE METAL THICKNESS NOT LESS THAN 0.0160 INCH AT ANY POINT.

4. BE PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 WHERE THE COOLER OR FREEZER IS WITHIN A BUILDING, BOTH THE COOLER OR FREEZER AND THAT PART OF THE BUILDING IN WHICH IT IS LOCATED SHALL BE SPRINKLERED

New Construction Legend

- SLOPE
- NEW WALL CONSTRUCTION REFER TO A001 AND WALL COLOR CHART FOR WALL TYPE
- ALIGN FINISHED FACE OF NEW CONSTRUCTION WITH FINISH FACE OF EXISTING CONSTRUCTION
- NEW HIGH/LOW DRINKING FOUNTAIN 6 / A601
- C.F. - CLEAN FROCK BIN - BY OWNER; D.F. - UNWASHED FROCK BIN - BY OWNER
- NEW MOP SINK AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR MORE INFORMATION. 10 / A601
- KEYNOTE (REFER TO KEYNOTE LEGEND)
- DOOR TAG
- EXISTING DOOR AND FRAME AS SCHEDULED
- WALL TAG
- WINDOW TAG
- NEW DOOR AND FRAME AS SCHEDULED SEE A901
- NEW SINK (SEE PLUMBING DRAWINGS FOR MORE INFORMATION)
- 12" WIDE TRENCH DRAIN, REFER TO PLUMBING DRAWINGS
- 16" x 16" AREA FLOOR DRAIN, REFER TO PLUMBING DRAWINGS
- NEW WALL MOUNTED WATER HOSE REEL (75'-0"). REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION (COVERAGE AREA)
- HOSEBIBB REFER TO PLUMBING DRAWINGS
- SPOT ELEVATION
- FLOOR DRAIN, REFER TO PLUMBING DWGS

Wall Diagram Color Chart



REFER TO A001 FOR PARTITION WALL ASSEMBLY

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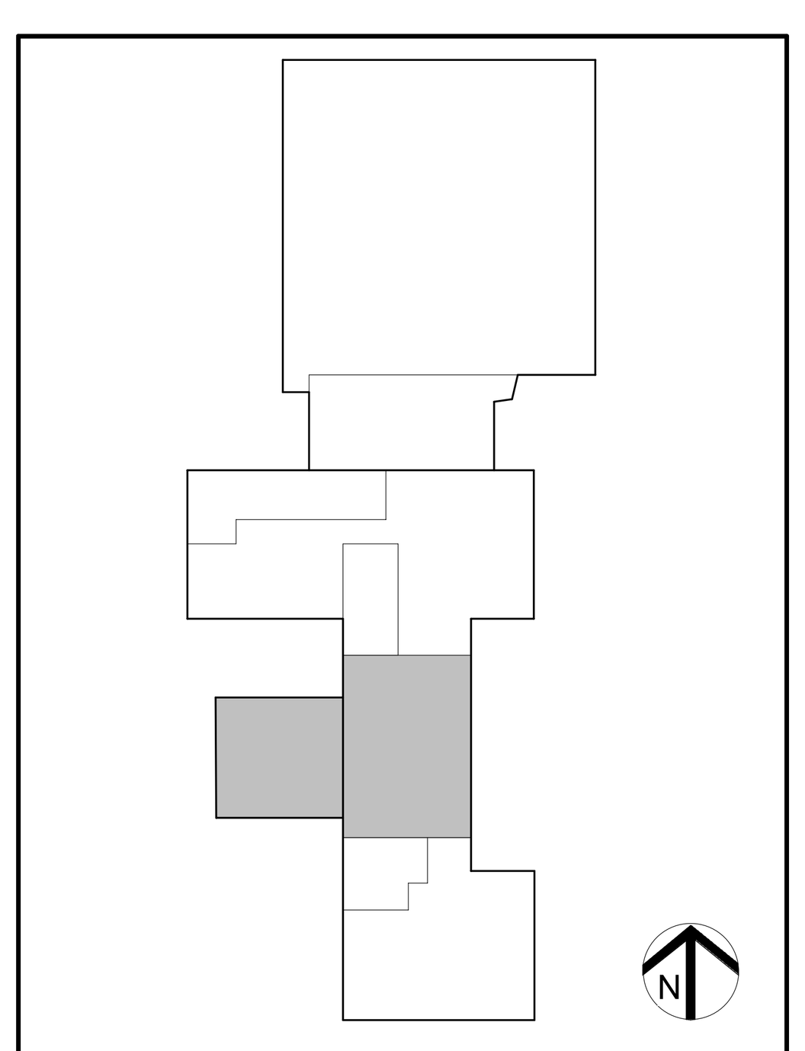
Grid Line Type

NEW GRIDLINE

EXISTING GRIDLINE

<u>*THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.</u>



Keyplan (Not to Scale)

1 First Floor Plan - Partial South
1/8" = 1'-0" A100

CONSULTANT

STAMP

ARCHITECT

Revision Schedule		
#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

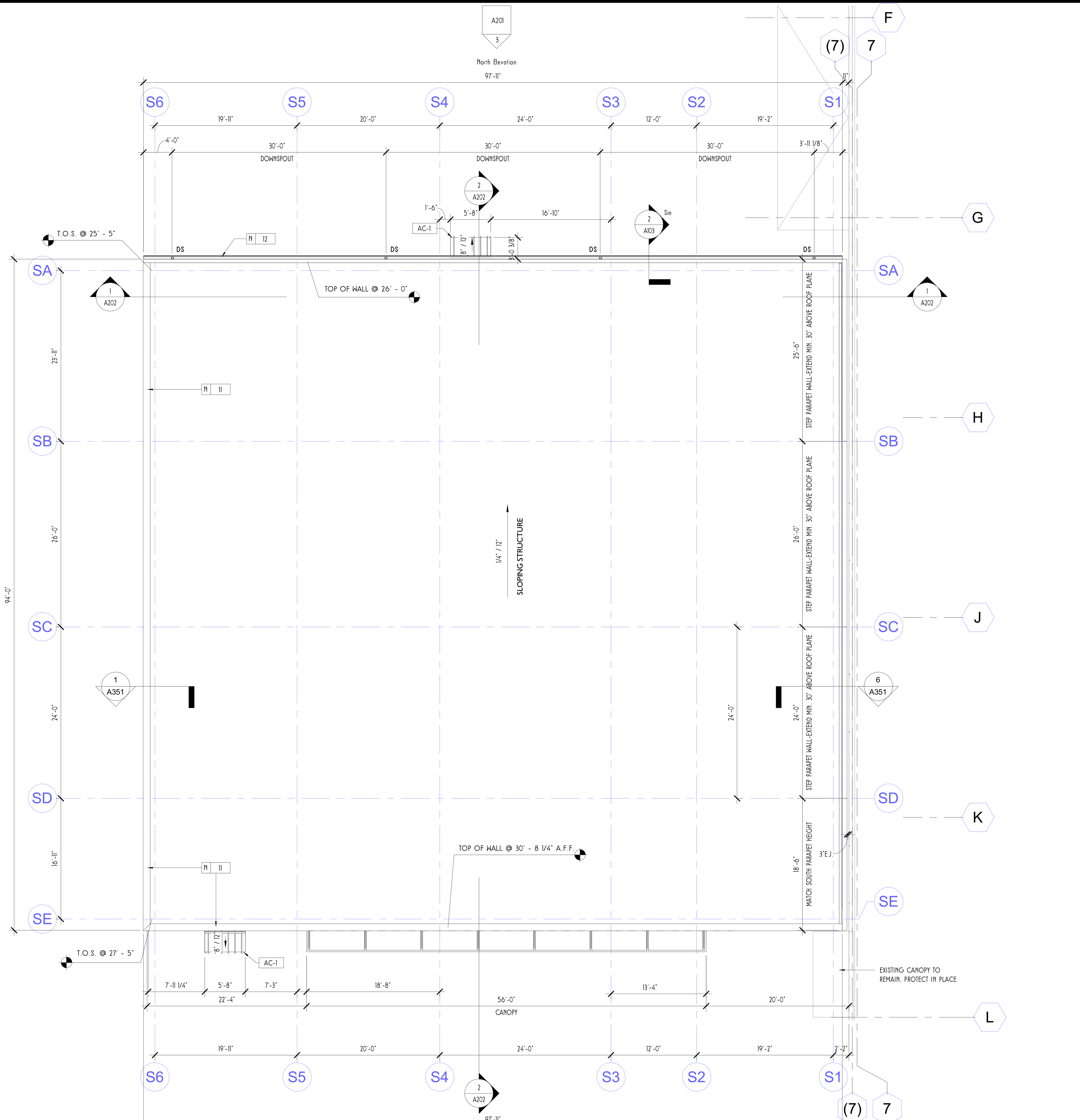
PROJECT INFORMATION

First Floor Plan - Partial South

SHEET TITLE

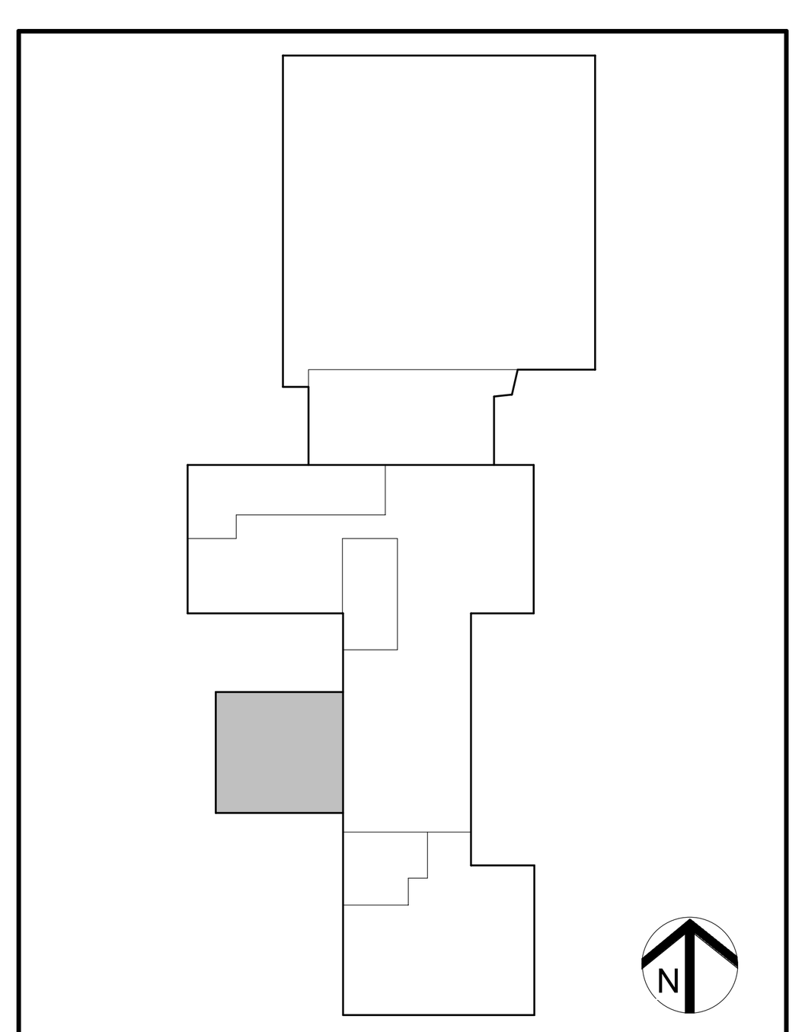
A102

SHEET NUMBER

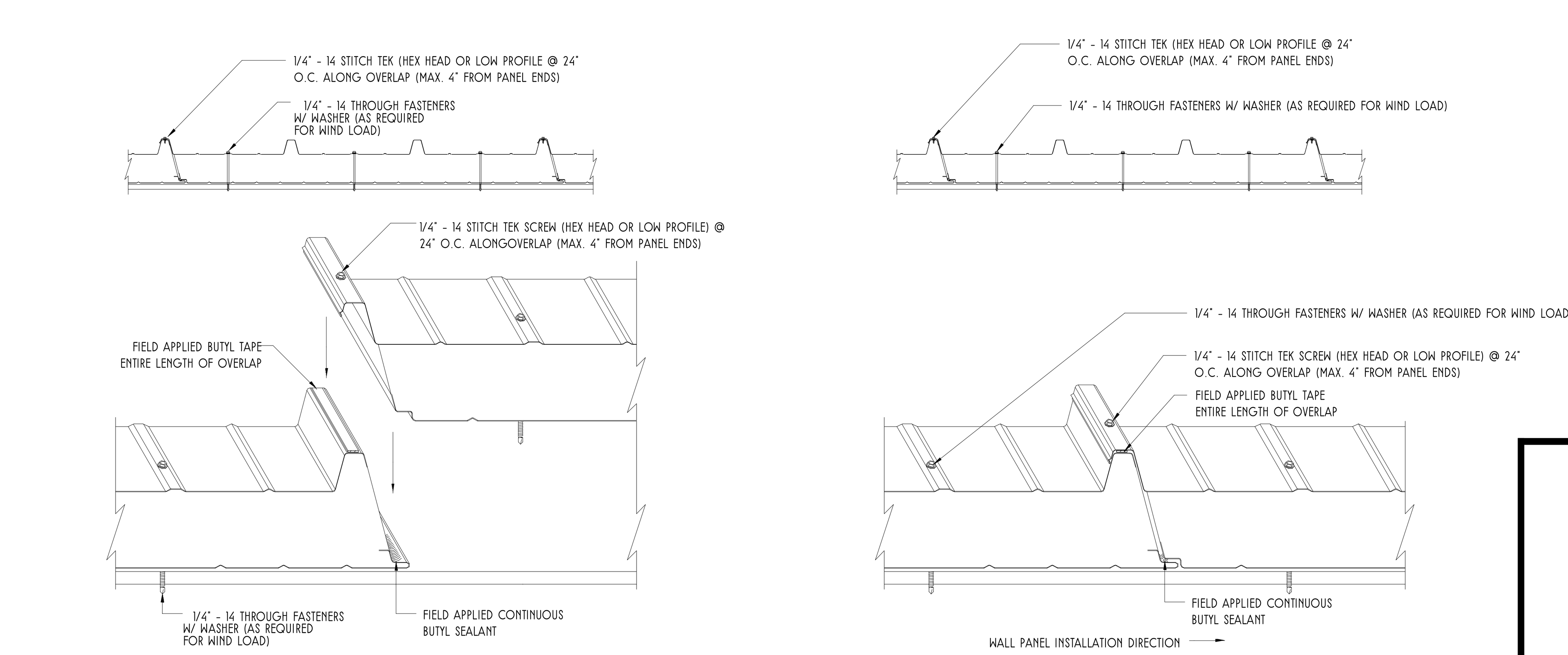


1 Roof Plan - Addition

1/8" = 1'-0"



Keyplan (Not to Scale)



3 IMP Panel Joint

3" = 1'-0"

Gutter and Downspout Specs

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. SUBMITTALS: PRODUCT DATE, SHOP DRAWINGS, AND COLOR SAMPLES

B. WARRANTIES: PROVIDE MANUFACTURER'S STANDARD WRITTEN WARRANTY, SIGNED BY MANUFACTURER AGREEING TO PROMPTLY REPAIR OR REPLACE ROOF SPECIALTIES THAT SHOW EVIDENCE OF DETERIORATION OF FACTORY-APPLIED FINISHES WITHIN 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 MATERIALS

A. ALUMINUM FINISH:

B. SELF-ADHERING SHEET UNDERLAYMENT, HIGH TEMPERATURE: BUTYL OR SBS-MODIFIED ASPHALT: SLIP-RESISTING-POLYETHYLENE SURFACED: WITH RELEASE PAPER BACKING: COLD APPLIED. STABLE AFTER TESTING AT 240 DEG F (116 DEG C) AND PASSES AFTER TESTING AT MINUS 20 DEG F (29 DEG C): ASTM D 1970.

C. FASTENERS: MANUFACTURER'S RECOMMENDED FASTENERS, SUITABLE FOR APPLICATION AND DESIGNED TO MEET PERFORMANCE REQUIREMENTS.

1. EXPOSED PENETRATING FASTENERS: GASKETED SCREWS WITH HEADS MATCHING COLOR OF METAL.
3. FASTENERS FOR ALUMINUM: ALUMINUM OR SERIES 300 STAINLESS STEEL.
4. FASTENERS FOR STAINLESS-STEEL SHEET: SERIES 300 STAINLESS STEEL.
5. FASTENERS FOR ZINC-COATED (GALVANIZED) STEEL SHEET: SERIES 300 STAINLESS STEEL OR HOT-DIP ZINC-COATED STEEL.

D. BUTYL SEALANT: ASTM C 1311, SOLVENT-RELEASE BUTYL RUBBER SEALANT.

2.2 ROOF SPECIALTIES

E. GUTTERS AND DOWNSPOUTS:

1. PRODUCTS:

2. GUTTERS: MANUFACTURED IN UNIFORM SECTION LENGTHS, WITH MATCHING CORNER UNITS, ENDS, OUTLET TUBES, AND OTHER ACCESSORIES. ELEVATE BACK EDGE AT LEAST1 INCH (25 MM) ABOVE FRONT EDGE. FURNISH EXPANSION JOINTS, AND EXPANSION-JOINT COVERS.

A. GUTTER STYLE: RECTANGULAR
B. PREFINISHED ALUMINUM: 0.050 INCH (1.27 MM)] THICK.
E. GUTTER SUPPORTS: STRAPS WITH FINISH MATCHING THE GUTTERS.

3. DOWNSPOUTS: PLAIN RECTANGULAR WITH MITERED ELBOWS. FURNISH WALL BRACKETS OF SAME MATERIAL AND FINISH AS DOWNSPOUTS, WITH ANCHORS.

A. FORMED ALUMINUM: 0.050 INCH (1.27 MM) THICK.

G. COUNTERFLASHINGS: MANUFACTURED UNITS OF HEIGHTS TO OVERLAP TOP EDGES OF BASE FLASHINGS BY 8 INCHES (100 MM) DESIGNED TO SNAP INTO REGLETS OR THROUGH-WALL-FLASHING RECEIVER AND COMPRESS AGAINST BASE FLASHINGS WITH JOINTS LAPPED.

2. FORMED ALUMINUM: 0.032 INCH (0.81 MM) THICK.

PART 3 - EXECUTION

3.1 INSTALLATION

A. GENERAL: INSTALL ROOF SPECIALTIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ANCHOR ROOF SPECIALTIES SECURELY IN PLACE, WITH PROVISIONS FOR THERMAL AND STRUCTURAL MOVEMENT.

B. COAT BACK SIDE OF ALUMINUM AND STAINLESS STEEL ROOF SPECIALTIES WITH BITUMINOUS COATING WHERE THEY WILL CONTACT WOOD, FERROUS METAL, OR CEMENTITIOUS CONSTRUCTION.

C. SEPARATE DISSIMILAR METALS WITH A BITUMINOUS COATING OR POLYMER-MODIFIED, BITUMINOUS SHEET UNDERLAYMENT.

4.1 WARRANTYED FLANGES IN THICK COAT OF ASPHALT ROOFING CEMENT WHERE REQUIRED BY MANUFACTURERS OF

A. Provide a 10 year weather tight warranty for all gutter and downspouts.

E. SPACE MOVEMENT JOINTS AT A MAXIMUM OF 12 FEET (3.6 M) WITH NO JOINTS WITHIN 18 INCHES (450 MM) OF CORNERS OR INTERSECTIONS UNLESS INDICATED.

1. INSTALL GUTTER WITH EXPANSION JOINTS AT LOCATIONS INDICATED BUT NOT EXCEEDING 50 FEET (15.2 M) APART. INSTALL EXPANSION JOINT CAPS.

F. FASTENER SIZES: USE FASTENERS OF SIZES THAT WILL PENETRATE SUBSTRATE NOT LESS THAN RECOMMENDED BY FASTENER MANUFACTURER TO ACHIEVE MAXIMUM PULL-OUT RESISTANCE

G. SOLDERED JOINTS: CLEAN SURFACES TO BE SOLDERED, REMOVING OILS AND FOREIGN MATTER. PRETIN EDGES OF SHEETS TO BE SOLDERED TO A WIDTH OF 1-1/2 INCHES (38 MM), EXCEPT WHERE PRETINNED SURFACE WOULD SHOW IN FINISHED WORK.

H. GUTTERS: JOIN AND SEAL GUTTER LENGTHS. ALLOW FOR THERMAL EXPANSION. ATTACH GUTTERS TO FIRMLY ANCHORED GUTTER SUPPORTS SPACED NOT MORE THAN 32 INCHES (762 MM) APART. ATTACH ENDS WITH RIVETS AND SOLDER TO MAKE WATERTIGHT. SLOPE TO DOWNSPOUTS.

I. DOWNSPOUTS: JOIN SECTIONS WITH MANUFACTURER'S STANDARD TELESCOPING JOINTS. PROVIDE HANGERS WITH FASTENERS DESIGNED TO HOLD DOWNSPOUTS SECURELY TO WALLS AND 1 INCH (25 MM) AWAY FROM WALLS: LOCATE FASTENERS AT TOP AND BOTTOM AND AT APPROXIMATELY 60 INCHES (1500 MM) O.C.

General Roof Insulation Notes

1. ABOVE DECK THERMAL INSULATION SHALL BE COVERED WITH AN APPROVED ROOF COVERING AND PASS FM4450 OR UL1256 WHEN TESTED AS AN ASSEMBLY.

2. ABOVE DECK THERMAL INSULATION BOARD SHALL COMPLY WITH THE BELOW STANDARDS -

CELLULAR GLASS BOARD	ASTM C 552
COMPOSITE BOARDS	ASTM C 1289, TYPE III, IV, V,OR VI
EXPANDED POLYSTYRENE	ASTM C 578
EXTRUDED POLYSTYRENE BOARD	ASTM C 578
PERLITE BOARDS	ASTM C 728
POLYISOCYANURATE BOARD	ASTM C 1289, TYPE I OR TYPE II
WOOD FIBERBOARD	ASTM C 208

General Roof Access Notes

APPLIANCES ON ROOFS OR ELEVATED STRUCTURES.
WHERE APPLIANCES REQUIRING ACCESS ARE INSTALLED ON ROOFS OR ELEVATED STRUCTURES AT A HEIGHT EXCEEDING 16 FEET (4877 MM), SUCH ACCESS SHALL BE PROVIDED BY A PERMANENT APPROVED MEANS OF ACCESS, THE EXTENT OF WHICH SHALL BE FROM GRADE OR FLOOR LEVEL TO THE APPLIANCE'S LEVEL SERVICE SPACE. SUCH ACCESS SHALL NOT REQUIRE CLIMBING OVER OBSTRUCTIONS GREATER THAN 30 INCHES HIGH (762 MM) OR WALKING ON ROOFS HAVING A SLOPE GREATER THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE).

PERMANENT LADDERS INSTALLED TO PROVIDE THE REQUIRED ACCESS SHALL COMPLY WITH THE FOLLOWING MINIMUM DESIGN CRITERIA.

1. THE SIDE RAILING SHALL EXTEND ABOVE THE PARAPET OR ROOF EDGE NOT LESS THAN 30 INCHES (762 MM).

2. LADDERS SHALL HAVE A RUNG SPACING NOT TO EXCEED 14 INCHES (356 MM) ON CENTER.

3. LADDERS SHALL HAVE A TOE SPACING NOT LESS THAN 6 INCHES (152 MM) DEEP.

4. THERE SHALL BE A MINIMUM OF 18 INCHES (457 MM) BETWEEN RAILS.

5. RUNGS SHALL HAVE A MINIMUM DIAMETER OF 0.75-INCH (19 MM) AND SHALL BE CAPABLE OF WITHSTANDING A 300-POUND (136.1 KG) LOAD.

6. LADDERS OVER 30 FEET (9144 MM) IN HEIGHT SHALL BE PROVIDED WITH OFFSET SECTIONS AND LANDINGS CAPABLE OF WITHSTANDING A LOAD OF 100 POUNDS PER SQUARE FOOT (488.2 KG/M2).

7. LADDERS SHALL BE PROTECTED AGAINST CORROSION BY APPROVED MEANS.

CATWALKS INSTALLED TO PROVIDE THE REQUIRED ACCESS SHALL BE NOT LESS THAN 24 INCHES WIDE (610 MM) AND SHALL HAVE RAILINGS AS REQUIRED FOR SERVICE PLATFORMS.

EXCEPTION: THIS SECTION SHALL NOT APPLY TO GROUP R-3 OCCUPANCIES.

SLOPED ROOFS.
WHERE APPLIANCES ARE INSTALLED ON A ROOF HAVING A SLOPE OF THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE) OR GREATER AND HAVING AN EDGE MORE THAN 30 INCHES (762 MM) ABOVE GRADE AT SUCH EDGE, A LEVEL PLATFORM SHALL BE PROVIDED ON EACH SIDE OF THE APPLIANCE TO WHICH ACCESS IS REQUIRED FOR SERVICE, REPAIR OR MAINTENANCE. THE PLATFORM SHALL NOT BE LESS THAN 30 INCHES (762 MM) IN ANY DIMENSION AND SHALL BE PROVIDED WITH GUARDS. THE GUARDS SHALL EXTEND NOT LESS THAN 42 INCHES (1067 MM) ABOVE THE PLATFORM, SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21-INCH-DIAMETER (533 MM) SPHERE AND SHALL COMPLY WITH THE LOADING REQUIREMENTS FOR GUARDS SPECIFIED IN CHAPTER 27 OF THE BUILDING CODE OF NEW YORK STATE.

ELECTRICAL REQUIREMENTS.
A RECEPTACLE OUTLET SHALL BE PROVIDED AT OR NEAR THE EQUIPMENT LOCATION IN ACCORDANCE WITH CHAPTER 27 OF THE BUILDING CODE OF NEW YORK STATE.

GUARDS.
GUARDS SHALL BE PROVIDED WHERE APPLIANCES OR OTHER COMPONENTS THAT REQUIRE SERVICE AND ROOF HATCH OPENINGS ARE LOCATED WITHIN 10 FEET (3048 MM) OF A ROOF EDGE OR OPEN SIDE OF A WALKING SURFACE AND SUCH EDGE OR OPEN SIDE IS LOCATED MORE THAN 30 INCHES (762 MM) ABOVE THE FLOOR, ROOF OR GRADE BELOW. THE GUARD SHALL EXTEND NOT LESS THAN 30 INCHES (762 MM) BEYOND EACH END OF SUCH APPLIANCES, COMPONENTS AND ROOF HATCH OPENINGS AND THE TOP OF THE GUARD SHALL BE LOCATED NOT LESS THAN 42 INCHES (1067 MM) ABOVE THE ELEVATED SURFACE ADJACENT TO THE GUARD. THE GUARD SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21-INCH-DIAMETER (533 MM) SPHERE AND SHALL COMPLY WITH THE LOADING REQUIREMENTS FOR GUARDS SPECIFIED IN THE BUILDING CODE OF NEW YORK STATE.

Roof Legend

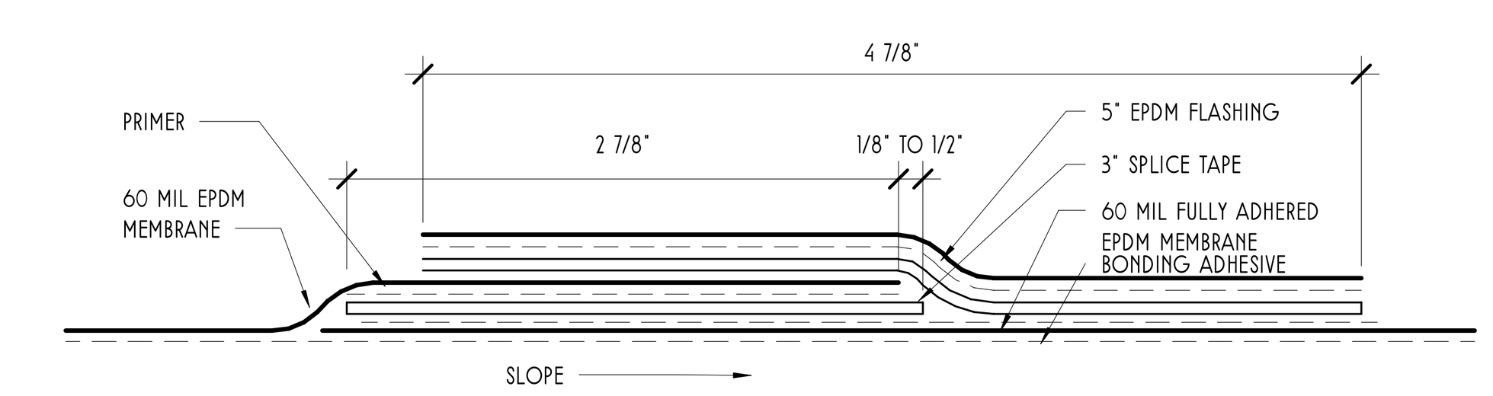
N 01 — KEYNOTE (REFER TO KEYNOTE LEGEND)

SLOPE ROOF TO DRAIN (SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION)

TAPERED INSULATION PITCHED TO DRAIN AT 1/2":12" MIN.

New Constuction Keynote Legend

Discipline	Keynote Number	Description
N	01	PROVIDE FIRE TREATED BLOCKING FOR WHITE BOARD MOUNTING - COORDINATE EXTENT OF WHITE BOARD WITH OWNER
N	02	CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DWG'S FOR ADD'L INFORMATION
N	05	PROVIDE 16" AREA DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	06	PROVIDE 12" WIDE TRENCH DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	07	STANDARD KEY LOCK ACCESS INTO BUILDING - REFER TO DOOR HARDWARE ON A901
N	08	REFER TO CIVIL DRAWING FOR PAVING TO CONNECT NEW OFFICE ENTRY TO EXISTING SITE PAVING
N	09	PRINTER LOCATION - PROVIDE POWER AND DATA - COORDINATE SIZE WITH OWNER - REFER TO ELECTRICAL DWGS
N	11	PROVIDE EXTRUDED ALUMINUM FASCIA COMPLETE - BASIS OF DESIGN METAL ERA COPING CREATIVE DESIGN LEAK TITE COPING
N	12	PROVIDE 7"X7" MIN. ALUMINUM GUTTER WITH DOWNSPOUTS, COMPLETE
N	14	PROVIDE NEW CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DRAWINGS
N	15	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW TV, TV SIZE AND MOUNTING HEIGHT TO BE COORD. W/ OWNER
N	16	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW ADA GRAB BAR
N	17	NEW EMPLOYEE TIME CARD CLOCK IN STATION BY OWNER - COORDINATE WITH OWNER
N	18	VENDING MACHINES FOR SNACKS AND DRINKS BY OWNER - COORDINATE WITH OWNER
N	19	USB/RECEPTACLES POP UPS AT TABLE - POWER CONNECTION TO TV AT WALL INCORPORATED INTO FURNITURE REFER TO ELECTRICAL DWGS
N	20	PROVIDE 3/4 FIRE TREATED PLYWOOD AND BLOCKING FOR ELECTRICAL PANEL - COORDINATE SIZE OF PANEL WITH ELECTRICAL DWGS
N	21	PROVIDE POWER FOR MINI FRIDGE - REFER TO ELECTRICAL DRAWINGS
N	22	BASIS OF DESIGN: ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS. - SEE 6/A601
N	23	DEDICATED CIRCUIT TO FLY LIGHT - 10' HIGH - MAX - MINIMUM TO BOTTOM OF CEILING ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS.
N	24	REFRIGERATOR - COORDINATE SIZE AND LOCATION WITH OWNER
N	25	PROVIDE ADVANCE TABCO THREE STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
N	26	PROVIDE ADVANCE TABCO TWO STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
N	27	AUTOMATIC SENSING WATER BOTTLE FILLER - COLD AND HOT WATER HOOK UP AND FILTER - COORD. WITH OWNER
N	28	HANDSINK - ADVANCE TABCO MODEL# 7-PS-26 ELECTRONIC FAUCET W/ DECK MOUNTED SOAP DISPENSER
N	29	EMERGENCY EYEWASH/DRENCH SHOWER COMBO - BASIS OF DESIGN: BRADLEY S19314FSS SERIES W/ TEPID WATER PARD PIPED SEE 9/A601
N	30	PAINT EXISTING COLUMN SAFETY YELLOW, TYPICAL
N	31	PROVIDE DOCK SEAL AND BUMPERS AT OVER HEAD LOADING DOCK DOORS BASIS OF DESIGN: BLUE GIANT FIXED HEAD PAD DOCK SEAL BGDSF - BLACK 40OZ HI-TEAR VINYL - DOCK BUMPERS (2) AT EACH OH DOOR - BASIS OF DESIGN: DURABLE CORPORATION MODEL B10510-14: 10-1/2" X 10"
N	32	NEW ALUMINUM DOWNSPOUT - ALUMINUM DOWNSPOUTS ALONG NORTH FACADE ADDITION TO CONNECT TO DRAINAGE COLLECTION SYSTEM (8" HIGH DENSITY POLYTHYLENE PIPE) DRAINAGE SYSTEM TIE INTO EXISITNG STORM DRAIN
N	33	PROVIDE FROCK HOOKS ALONG NEW WALL, COORDINATE QUANTITY AND LOCATION WITH OWNER
N	34	PROVIDE BOLLARDS AT DOOR - PAINTED SAFETY YELLOW - REFER TO DETAIL 2/3 FF100

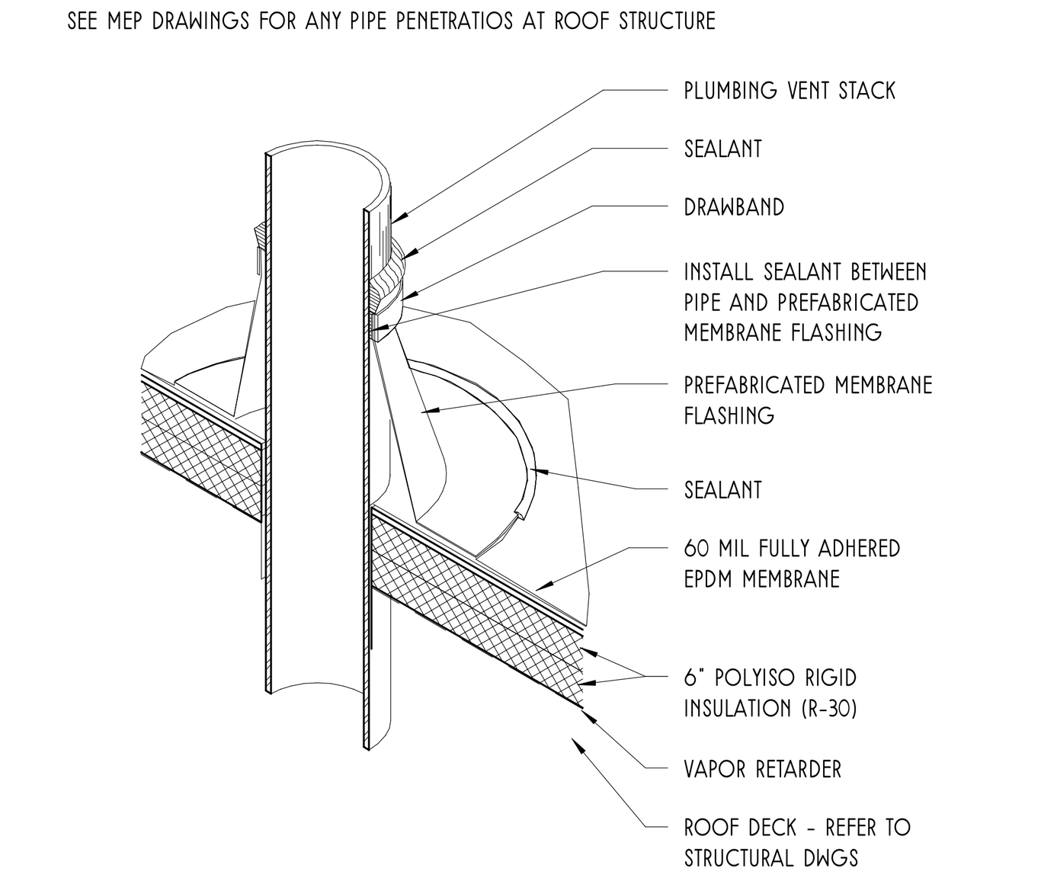


NOTES:
1. END LAPS OF SPLICE TAPE MUST OVERLAP A MINIMUM OF 1"
2. SEAMS MAY RUN PARALLEL TO SLOPE.
3. INSTALL PER MANUFACTURER'S WRITTEN DIRECTIONS FOR A 30 YEAR WARRANTY.

5 Typical Splice Detail

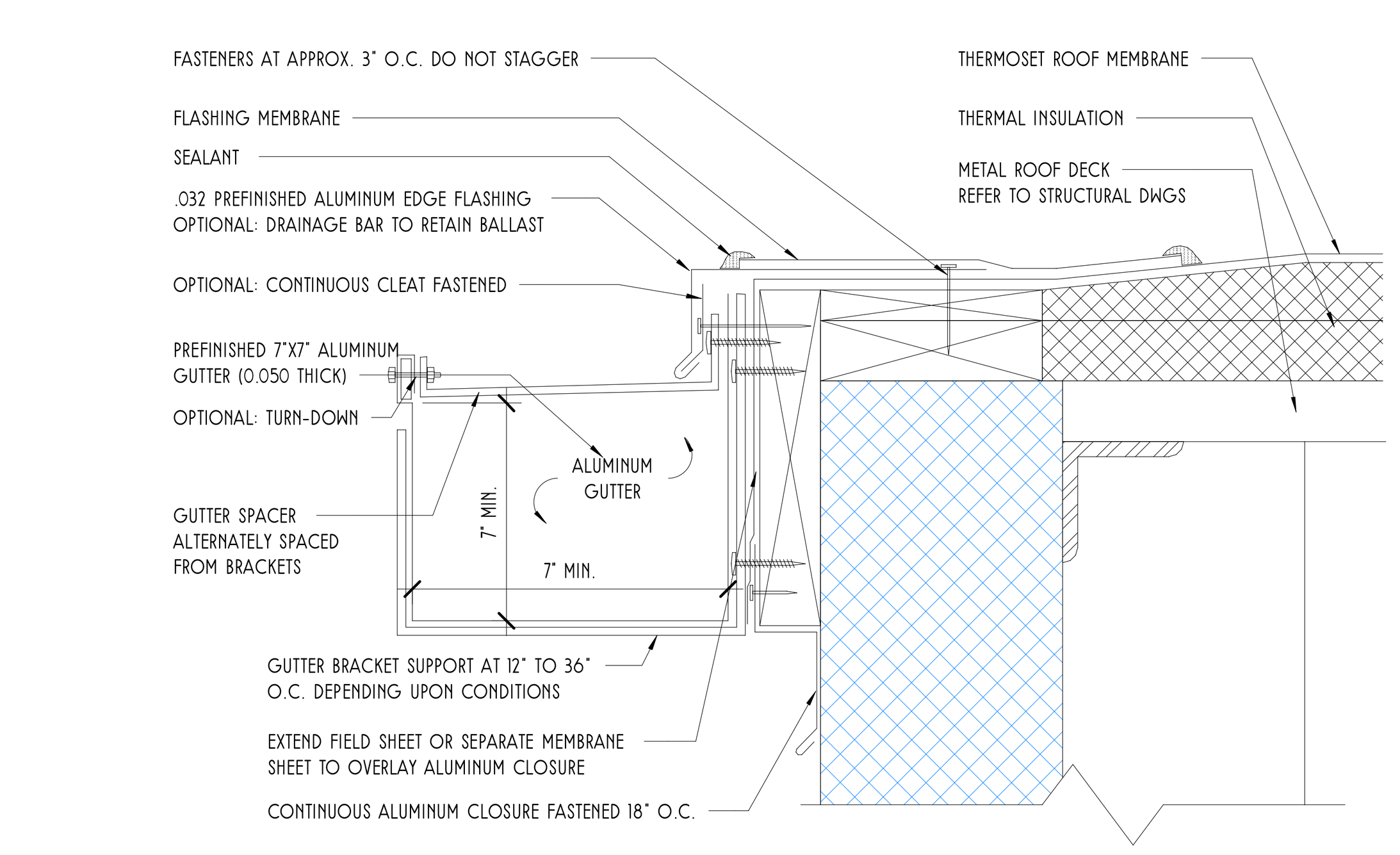
1 1/2" = 1'-0"

SEE MEP DRAWINGS FOR ANY PIPE PENETRATIONS AT ROOF STRUCTURE



4 Plumbing Vent

1 1/2" = 1'-0"



2 Gutter Detail

3" = 1'-0"

A103

CONSULTANT

STAMP

ARCHITECT

SYVERTSEN RIGOSU architects
Six Chelsea Place
Clifton Park NY 12065
T: 518.348.1151
www.SArch3D.com

Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

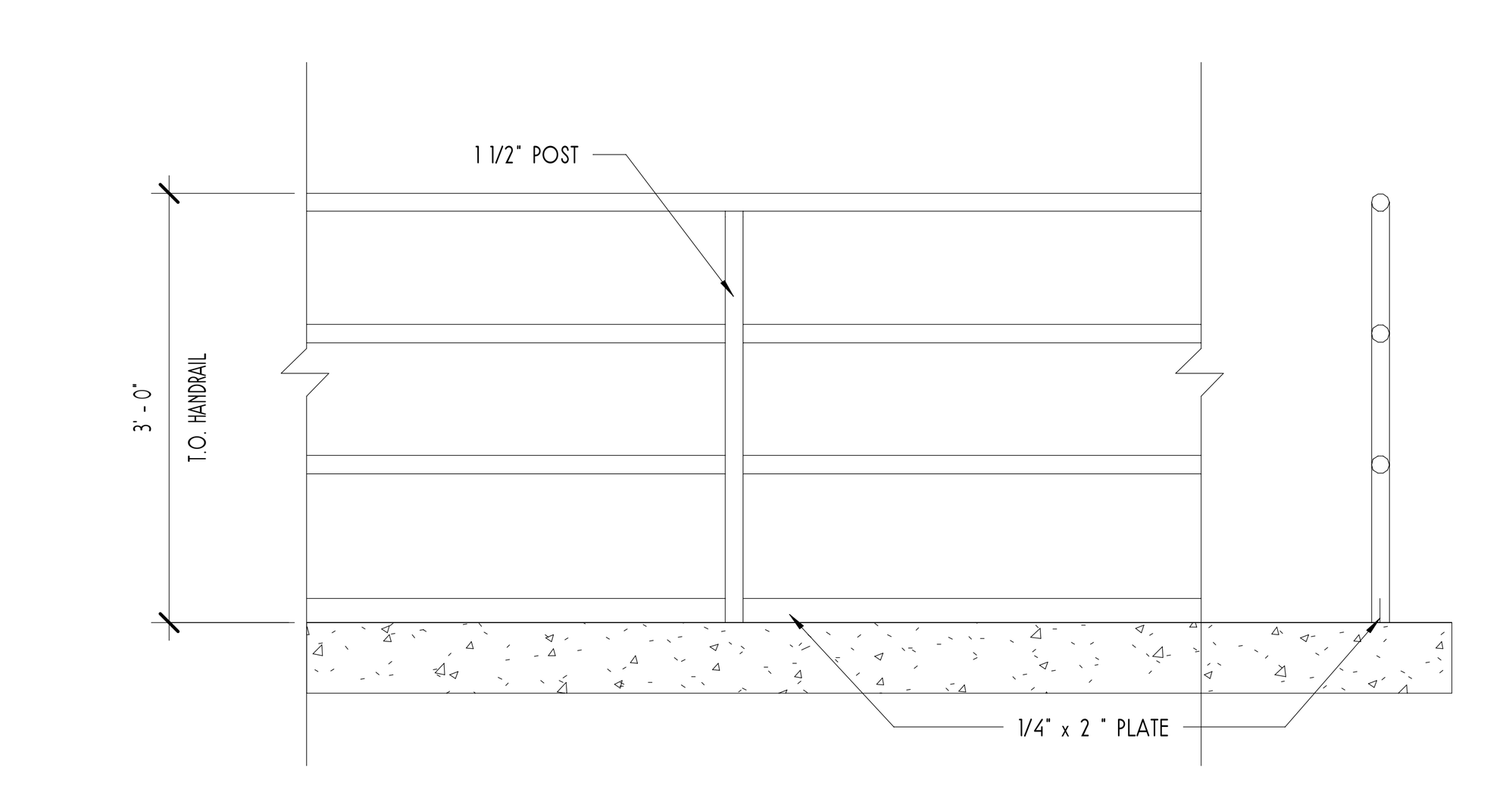
PROJECT INFORMATION

Roof Plan - Addition

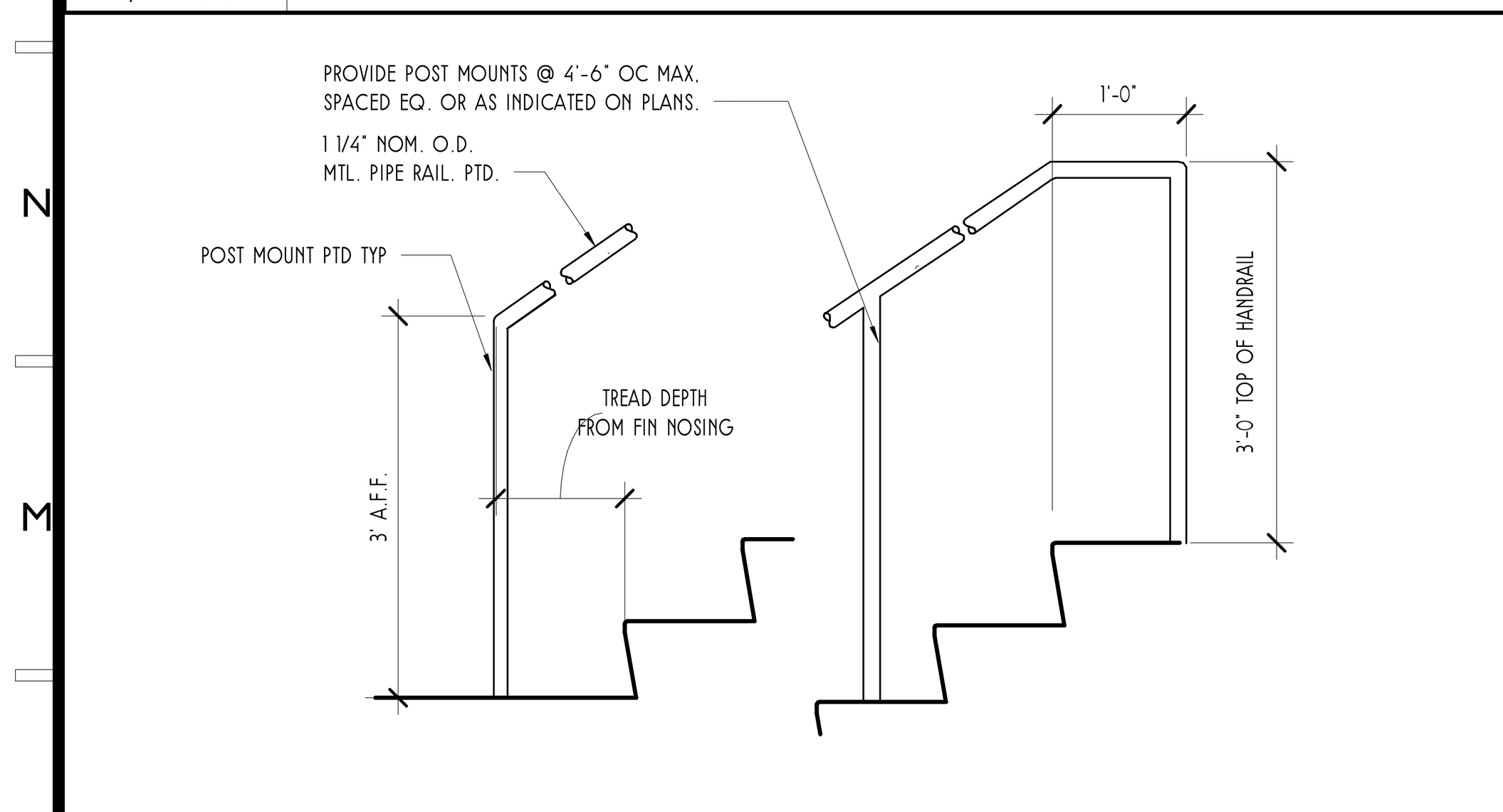
SHEET TITLE

A103

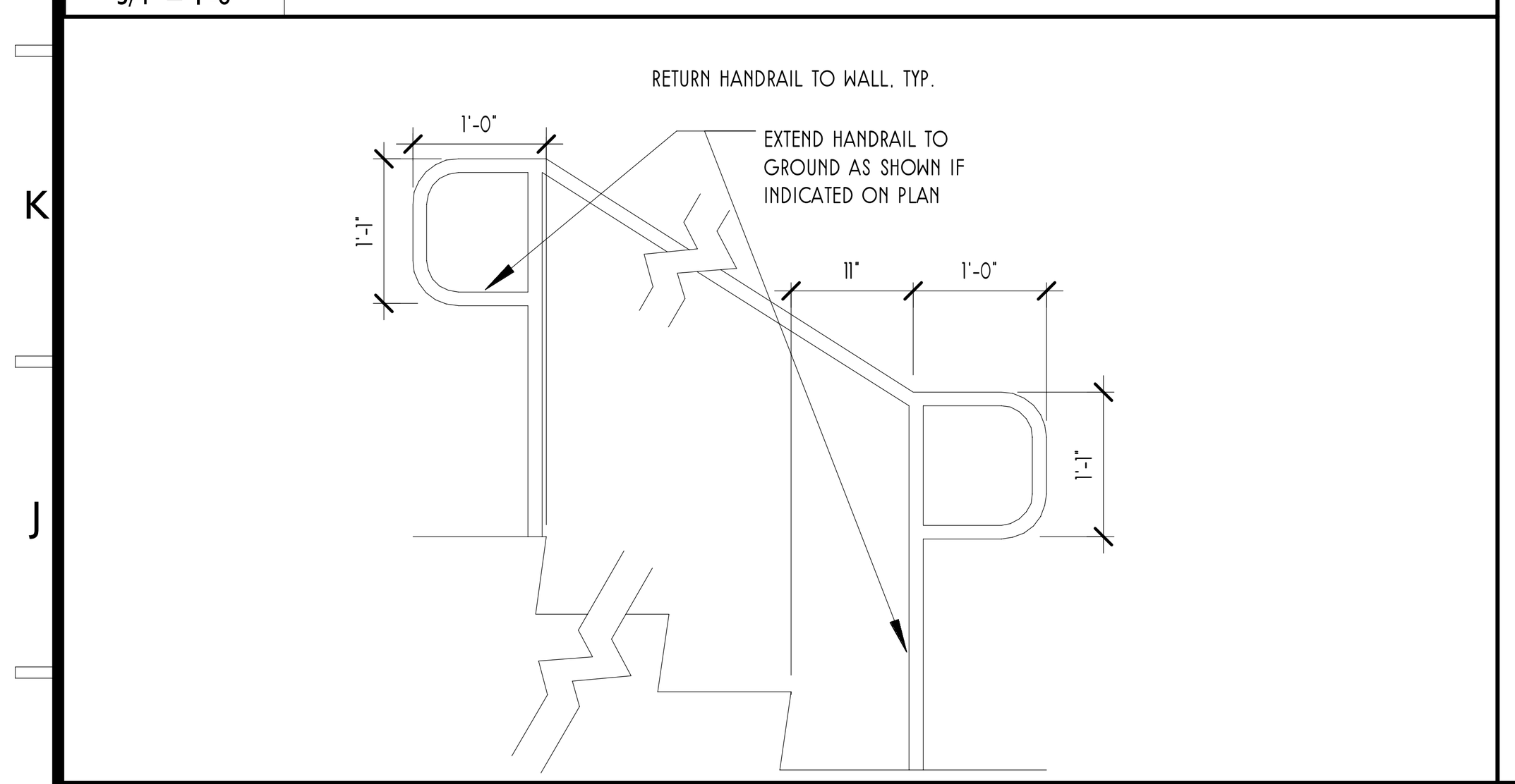
SHEET NUMBER



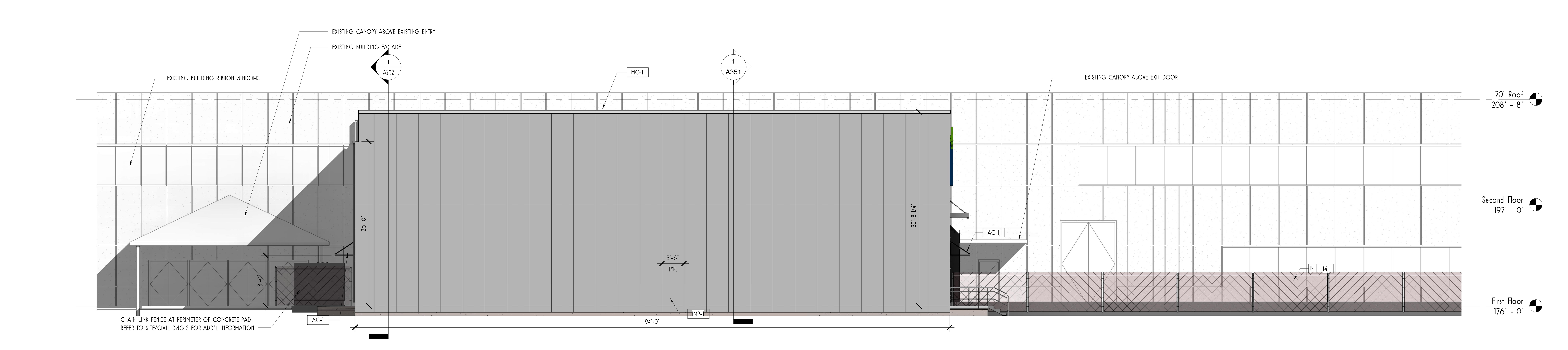
8 Railing Detail 4
3/4" = 1'-0"



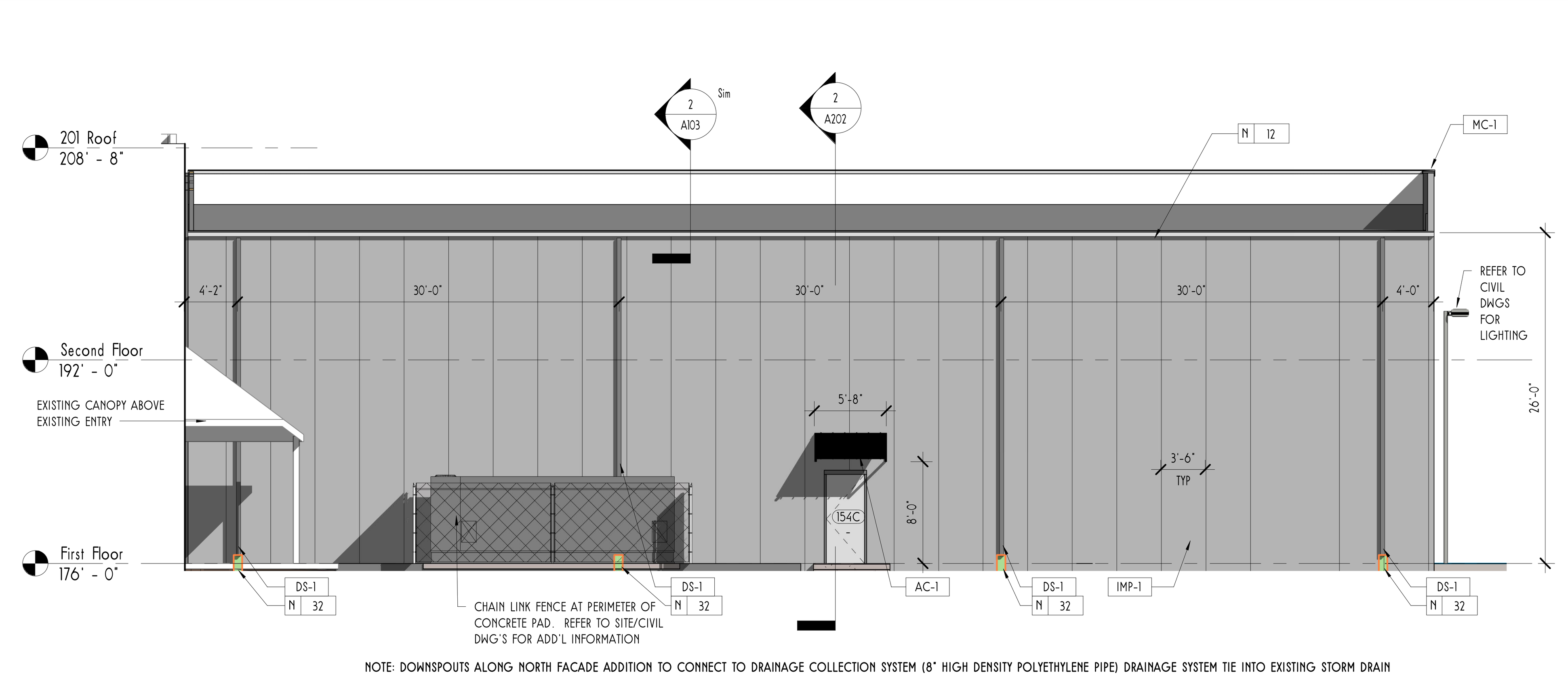
7 Railing Detail
3/4" = 1'-0"



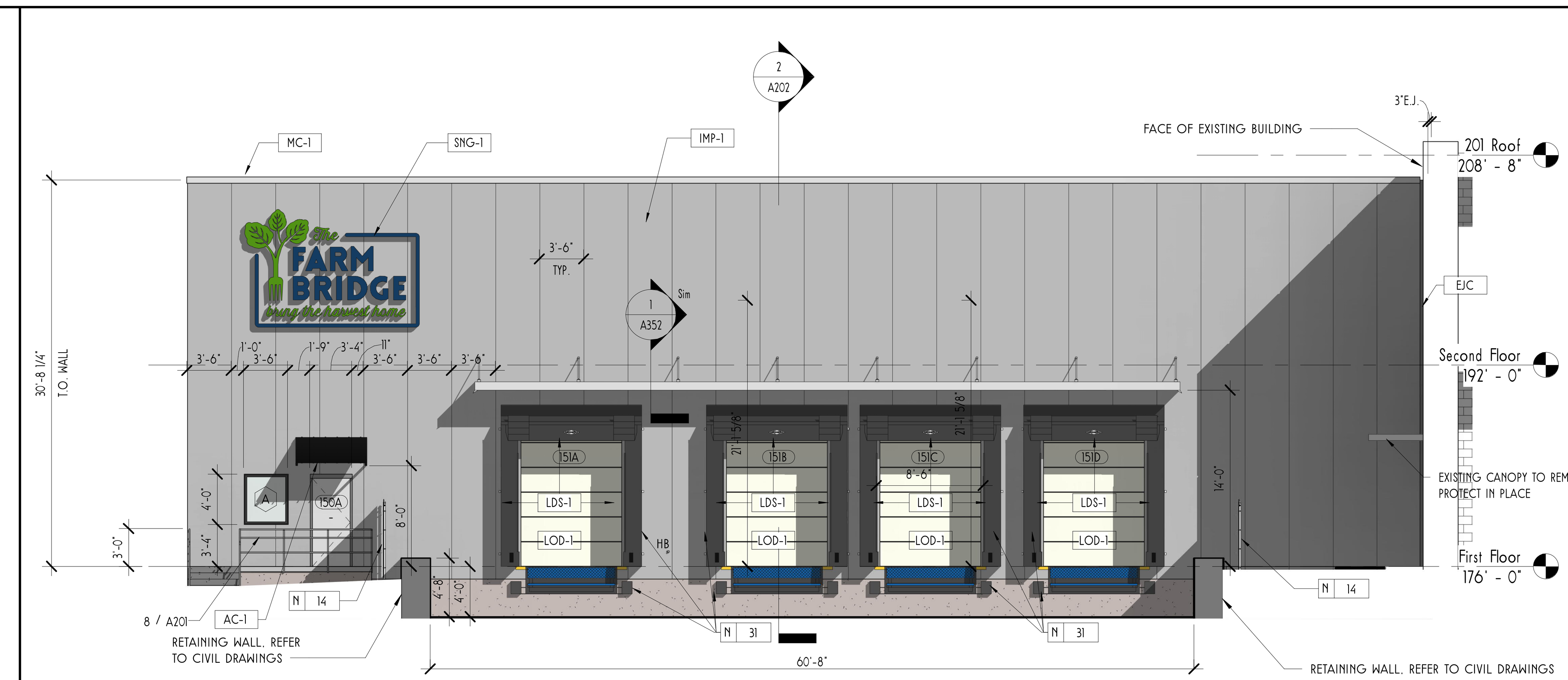
6 Handrail Extension To Floor
3/4" = 1'-0"



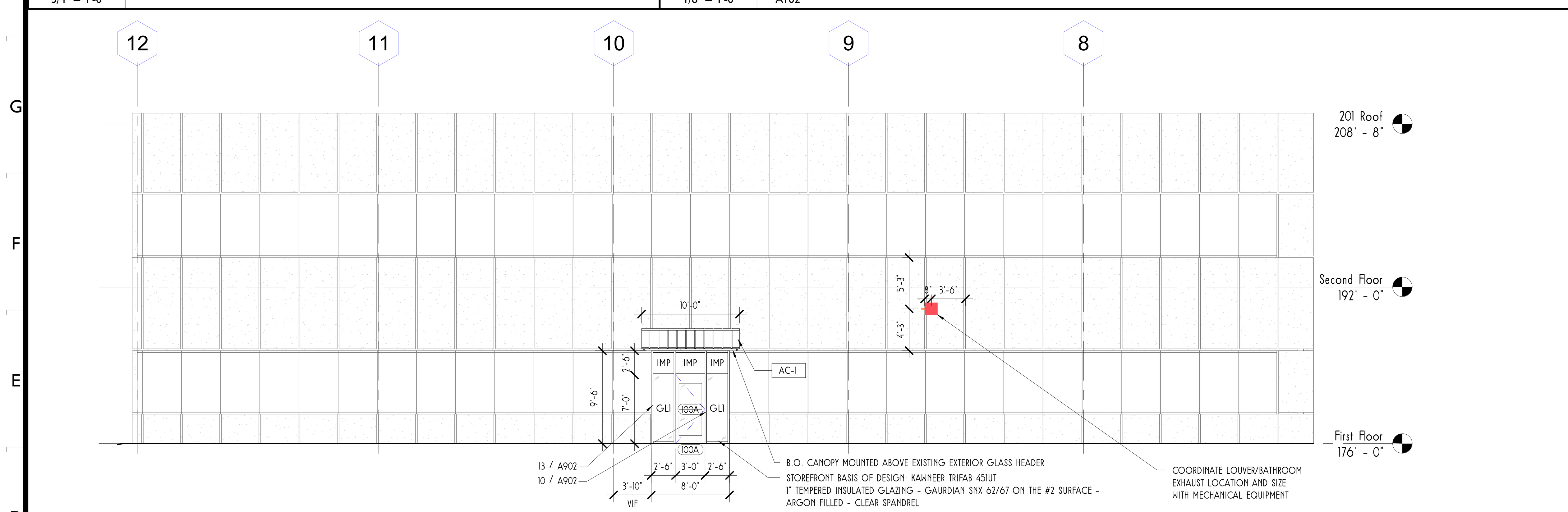
2 West Elevation
1/8" = 1'-0" A101



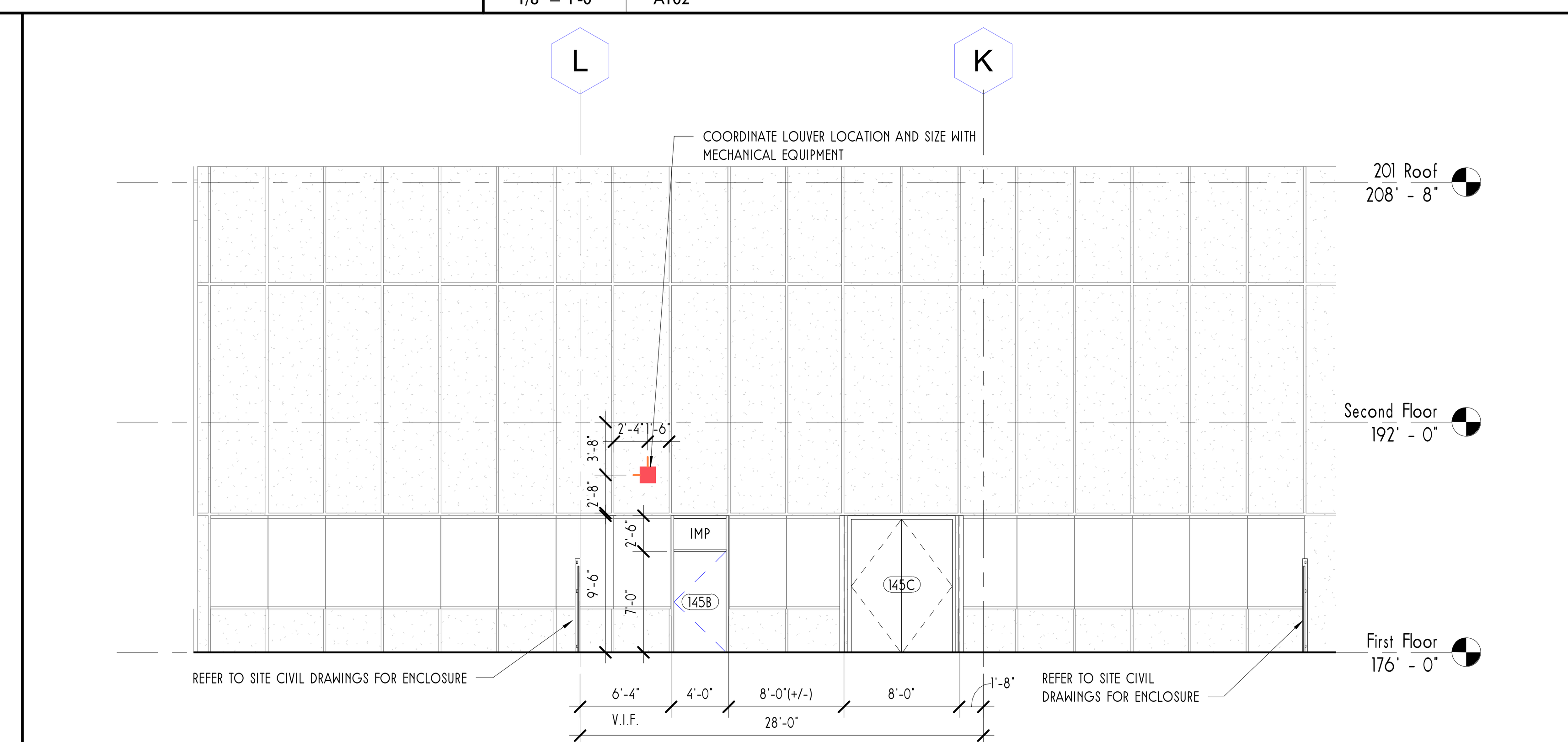
3 North Elevation
1/8" = 1'-0" A102



1 South Elevation
1/8" = 1'-0" A102



4 North Existing Office Wall Elevation
1/8" = 1'-0" A101



5 East Elevation At Trash Room
1/8" = 1'-0" A102

New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	01	PROVIDE FIRE TREATED BLOCKING FOR WHITE BOARD MOUNTING - COORDINATE EXTENT OF WHITE BOARD WITH OWNER
N	02	CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DWG'S FOR ADD'L INFORMATION
N	05	PROVIDE 16" AREA DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	06	PROVIDE 12" WIDE TRENCH DRAIN AND FLASH PATCH CONCRETE TO SLOPE TOWARDS DRAIN.
N	07	STANDARD KEY LOCK ACCESS INTO BUILDING - REFER TO DOOR HARDWARE ON A901
N	08	REFER TO CIVIL DRAWING FOR PAVING TO CONNECT NEW OFFICE ENTRY TO EXISTING SITE PAVING
N	09	PRINTER LOCATION - PROVIDE POWER AND DATA - COORDINATE SIZE WITH OWNER - REFER TO ELECTRICAL DWGS
N	11	PROVIDE EXTRUDED ALUMINUM FASCIA COMPLETE - BASIS OF DESIGN METAL ERA COPING CREATIVE DESIGN LEAK TITE COPING
N	12	PROVIDE 7"X7" MIN. ALUMINUM GUTTER WITH DOWNSPOUTS, COMPLETE
N	14	PROVIDE NEW CHAIN LINK FENCE ADJACENT TO RETAINING WALL - REFER TO SITE/CIVIL DRAWINGS
N	15	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW TV. TV SIZE AND MOUNTING HEIGHT TO BE COORD. W/ OWNER
N	16	PROVIDE FIRE TREATED BLOCKING AT WALL FOR NEW ADA GRAB BAR

New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	17	NEW EMPLOYEE TIME CARD CLOCK IN STATION BY OWNER - COORDINATE WITH OWNER
N	18	VENDING MACHINES FOR SNACKS AND DRINKS BY OWNER - COORDINATE WITH OWNER
N	19	USB/RECEPTACLES POP UPS AT TABLE - POWER CONNECTION TO TV AT WALL INCORPORATED INTO FURNITURE REFER TO ELECTRICAL DWGS
N	20	PROVIDE 3/4 FIRE TREATED PLYWOOD AND BLOCKING FOR ELECTRICAL PANEL - COORDINATE SIZE OF PANEL WITH ELECTRICAL DWGS
N	21	PROVIDE POWER FOR MINI FRIDGE - REFER TO ELECTRICAL DRAWINGS
N	22	BASIS OF DESIGN: ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS. - SEE 6/A601
N	23	DEDICATED CIRCUIT TO FLY LIGHT - 10' HIGH - MAX - MINIMUM TO BOTTOM OF CEILING ELKAY LZSTL8WSSP TWO STATION WALL MOUNT WATER COOLERS WITH BOTTLE FILLER BARRIER FREE ACCESS.
N	24	REFRIGERATOR - COORDINATE SIZE AND LOCATION WITH OWNER
N	25	PROVIDE ADVANCE TABCO THREE STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
N	26	PROVIDE ADVANCE TABCO TWO STATION WALL MOUNTED SINK WITH TUBULAR SUPPORTS - KNEE OPERATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

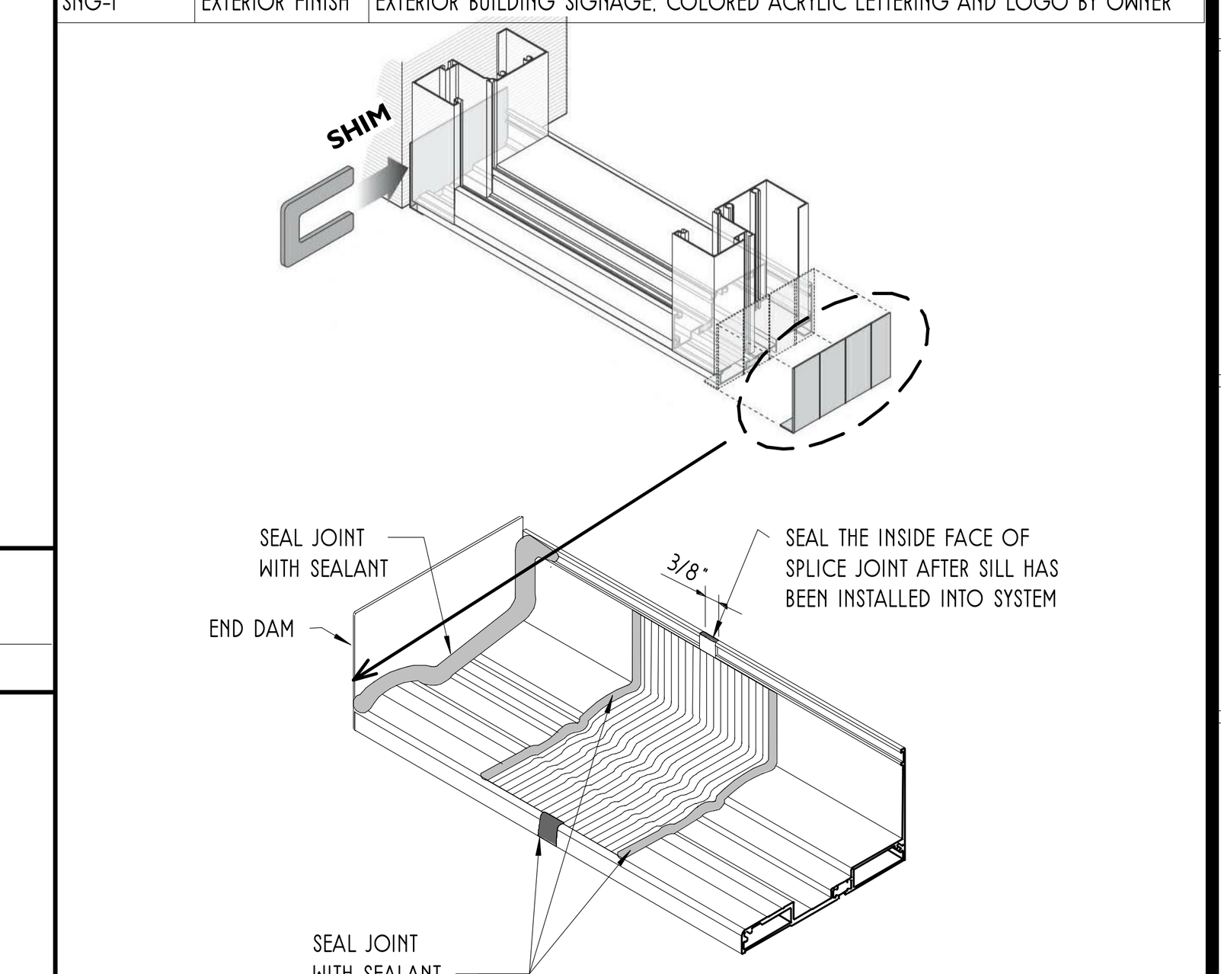
New Constuction Keynote Legend (Split)

Discipline	Keynote Number	Description
N	27	AUTOMATIC SENSING WATER BOTTLE FILLER - COLD AND HOT WATER HOOK UP AND FILTER - COORD. WITH OWNER
N	28	HANDSINK - ADVANCE TABCO MODEL# 7-PS-26 ELECTRONIC FAUCET W/ DECK MOUNTED SOAP DISPENSER
N	29	EMERGENCY EYEWASH/DRENCH SHOWER COMBO - BASIS OF DESIGN: BRADLEY S19314FSS SERIES W/ TEPID WATER PARD PIPED SEE 9/A601
N	30	PAINT EXISTING COLUMN SAFETY YELLOW, TYPICAL
N	31	PROVIDE DOCK SEAL AND BUMPERS AT OVER HEAD LOADING DOCK DOORS BASIS OF DESIGN: BLUE GIANT FIXED HEAD PAD DOCK SEAL BGDSF - BLACK 40OZ HI-TEAR VINYL - DOCK BUMPERS (2) AT EACH OH DOOR - BASIS OF DESIGN: DURABLE CORPORATION MODEL B10510-14: 10-1/2" X 10"
N	32	NEW ALUMINUM DOWNSPOUT - ALUMINUM DOWNSPOUTS ALONG NORTH FACADE ADDITION TO CONNECT TO DRAINAGE COLLECTION SYSTEM (8" HIGH DENSITY POLYTHYLENE PIPE) DRAINAGE SYSTEM TIE INTO EXISITNG STORM DRAIN
N	33	PROVIDE FROCK HOOKS ALONG NEW WALL. COORDINATE QUANTITY AND LOCATION WITH OWNER
N	34	PROVIDE BOLLARDS AT DOOR - PAINTED SAFETY YELLOW - REFER TO DETAIL 2/3 FF100

1. ALL STOREFRONT WITHIN THE PROJECT SHALL BE OF A SINGLE MANUFACTURER.
2. ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO SHOP DRAWING PRODUCTION AND PRODUCT ORDER.
3. ALL WOOD NAILERS TO BE PRESSURE TREATED. PROVIDE SEPARATION SHEET BETWEEN ALUMINUM SYSTEM AND PRESSURE TREATED WOOD NAILERS WHERE THE TWO MAY BE IN CONTACT.
4. *SHOP DRAWINGS SHALL BE PROVIDED FOR ALL STOREFRONT UNITS. SHOP DRAWINGS SHALL INCLUDE AT A MINIMUM ELEVATIONS, SECTIONS, AND DETAILS REFLECTING MANUFACTURER-ENGINEERED SYSTEM DETAILS FOR EACH APPLICATION.*

Exterior Finish Schedule

Keynote Number	Discipline	Description
AC-1	EXTERIOR FINISH	EXTERIOR PREFABRICATED ALUMINUM CANOPY - BASIS OF DESIGN: AWNTECH - HOUSTONIAN METAL STANDING SEAM CANOPY - COLOR TO MATCH COPING AT PARAPET
DS-1	EXTERIOR FINISH	ALUMINUM DOWNSPOUTS - MINIMUM DOWNSPOUT SIZE 4"X6" BASIS OF DESIGN: NORTHCLAD Gs 56 RECTANGULAR DOWNSPOUT
EJC	EXTERIOR FINISH	EXTERIOR 2" EXPANSION JOINT COVER PLATE
IMP-1	EXTERIOR FINISH	42" WIDE X 6" THICK EXTERIOR INSULATED METAL PANEL SYSTEM, FINISH AS SELECTED BY ARCHITECT.
LDS-1	EXTERIOR FINISH	LOADING DOCK SEALS, BASIS OF DESIGN: BLUE GIANT FIXED HEAD PAD DOCK SEAL BGDSF - BLACK 40OZ HI-TEAR VINYL
LOD-1	EXTERIOR FINISH	LOADING DOCK 8'-0" WIDE X 10'-0" HIGH OVERHEAD DOOR, REFER TO DOOR SCHEDULE ON SHEET A901.
MC-1	EXTERIOR FINISH	METAL ERA EDGE METAL. COLOR TBD.
SNG-1	EXTERIOR FINISH	EXTERIOR BUILDING SIGNAGE, COLORED ACRYLIC LETTERING AND LOGO BY OWNER



9 Storefront End Dam Detail
1/8" = 1'-0"

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ARCHITECT

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

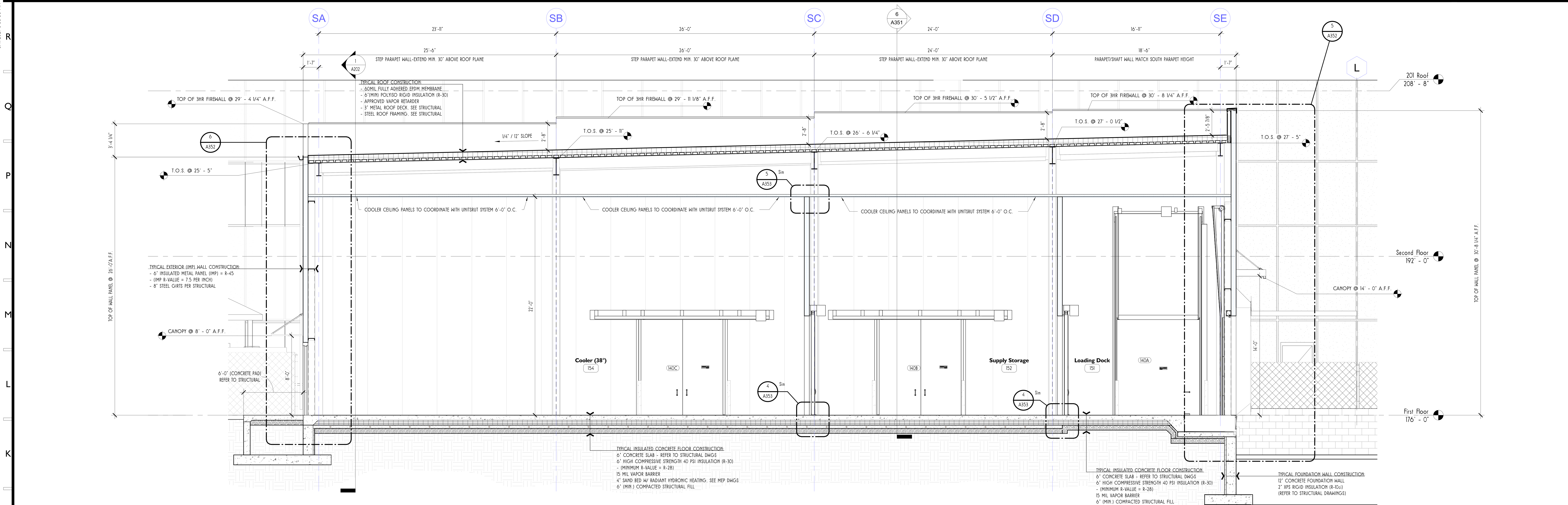
PROJECT INFORMATION

Exterior Elevations

SHEET TITLE

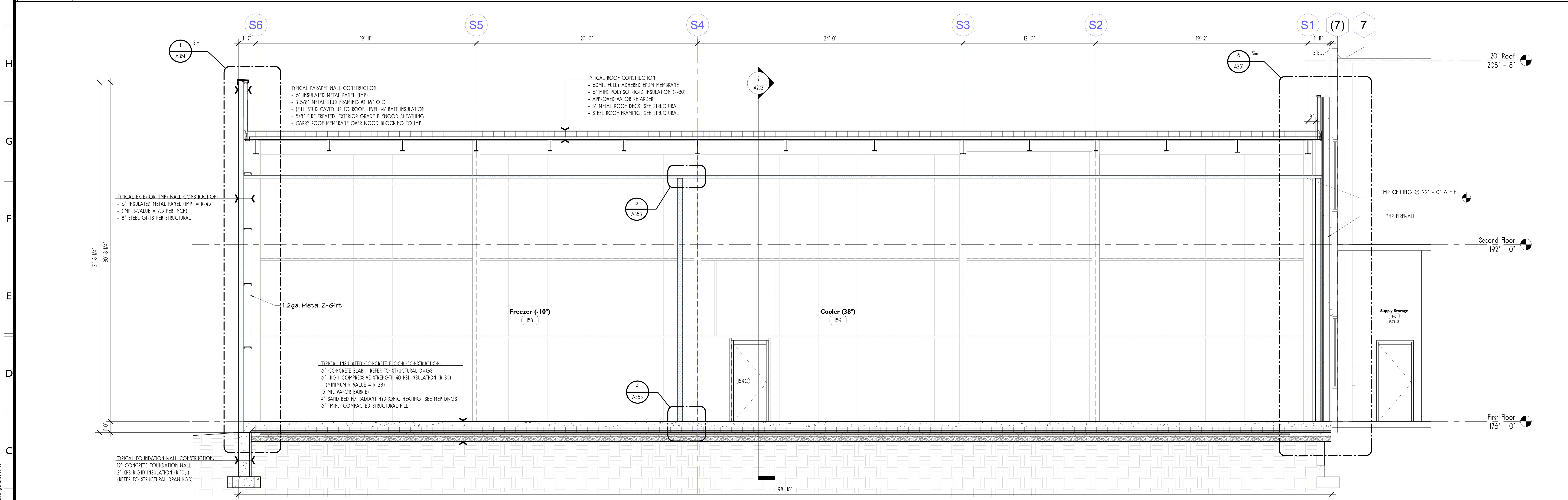
A201

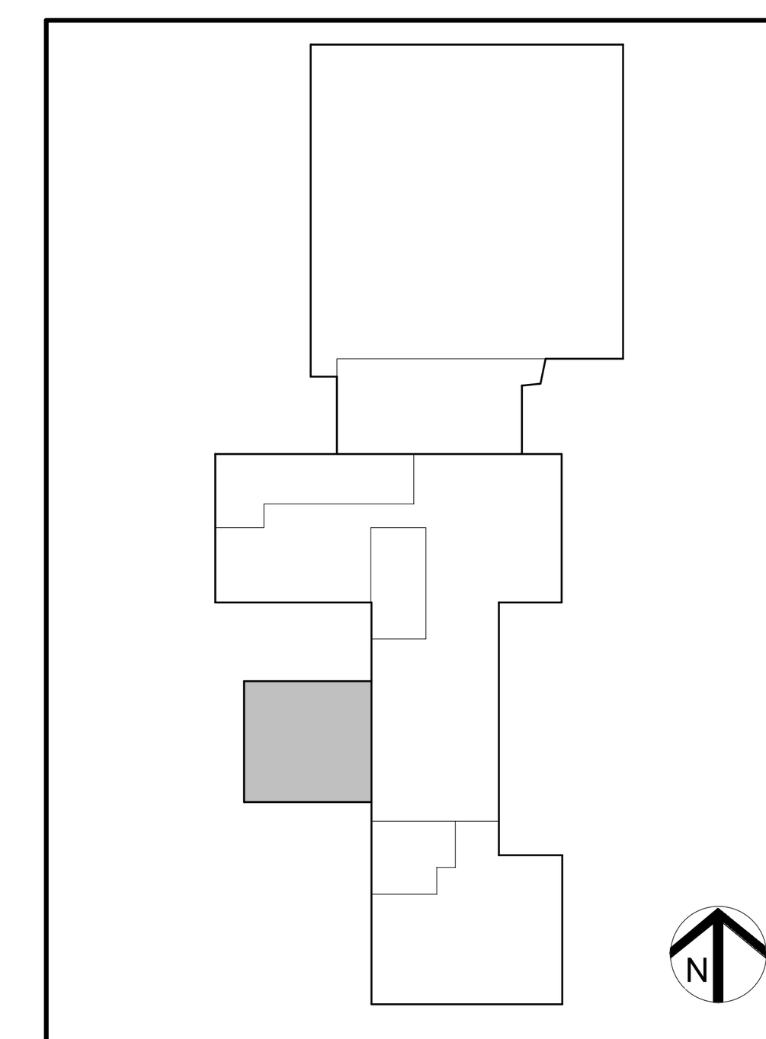
SHEET NUMBER



2 Building Section - East

1/4" = 1'-0" A102





Keyplan (Not to Scale)

1 Building Section - North

1/4" = 1'-0" A102

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ARCHITECT

sra SYVERTSEN RIGOSU architects

Revision Schedule		
#	Description	Date

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SCALE: As indicated
DRAWN BY: JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

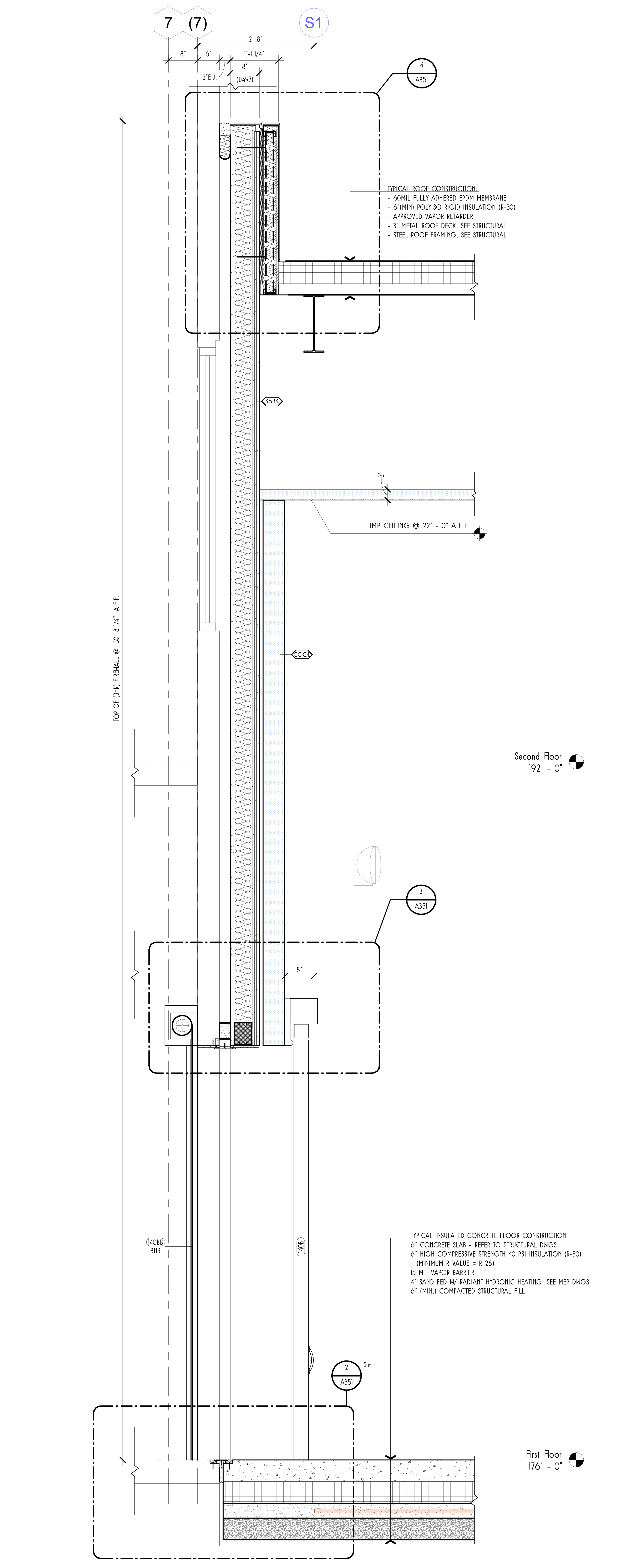
PROJECT INFORMATION

Building Sections

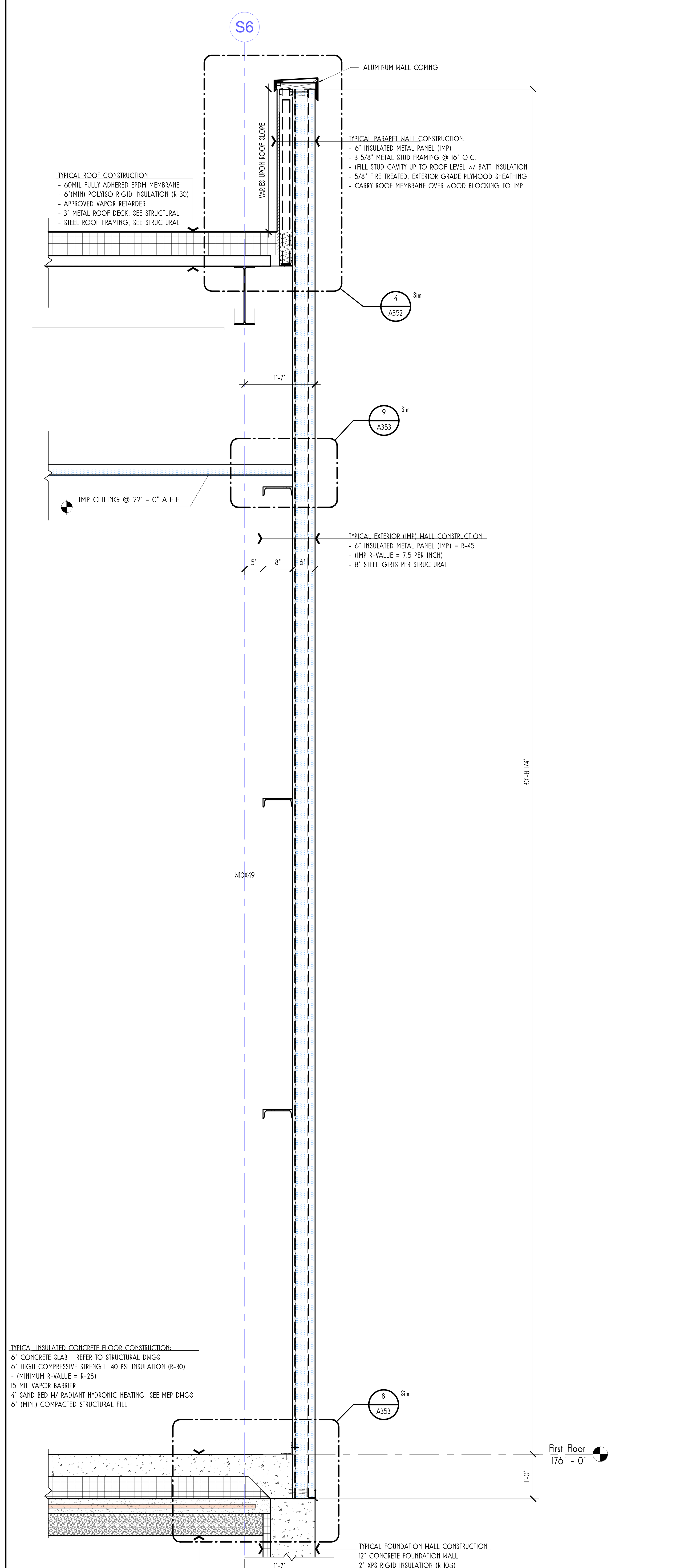
SHEET TITLE

A202

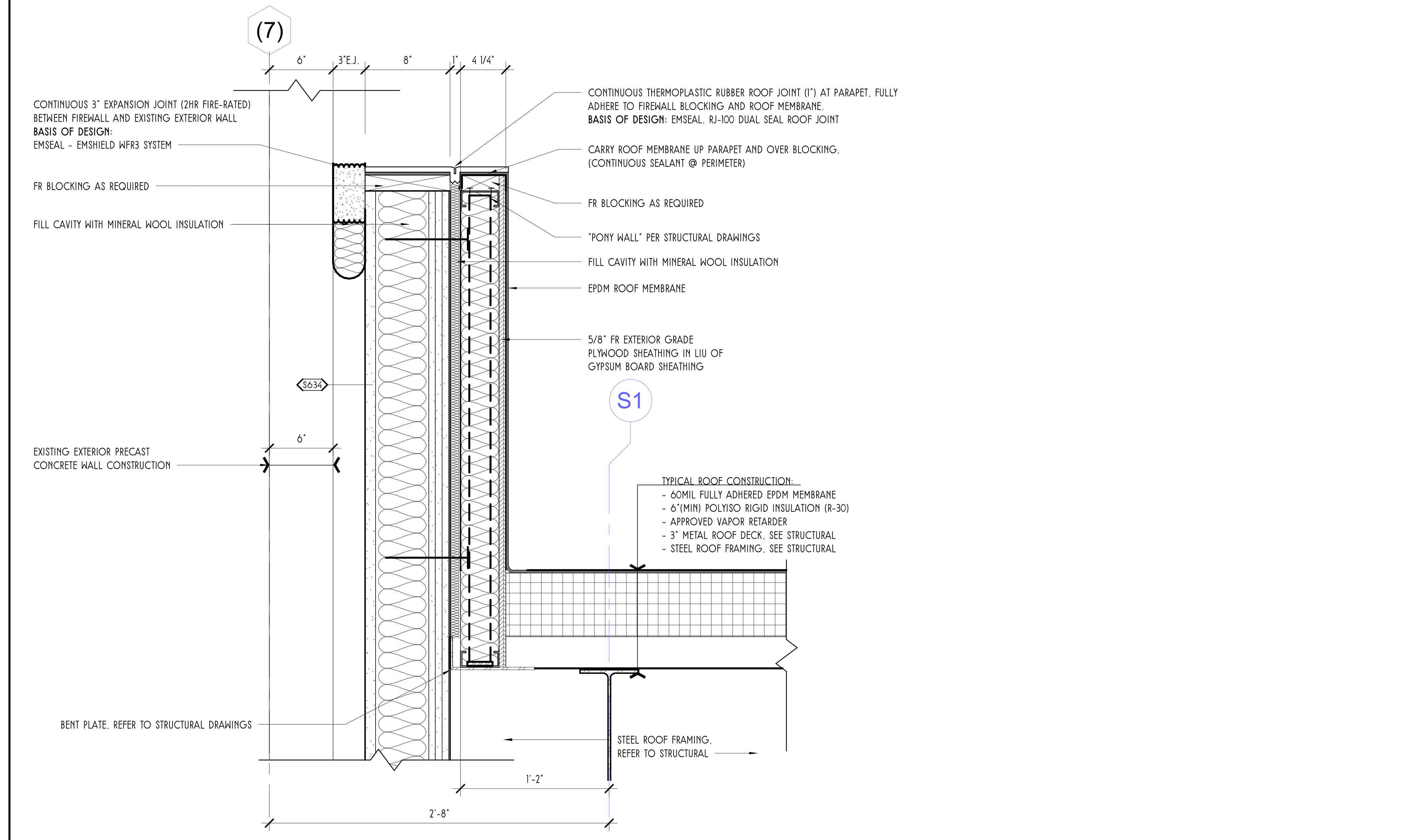
SHEET NUMBER



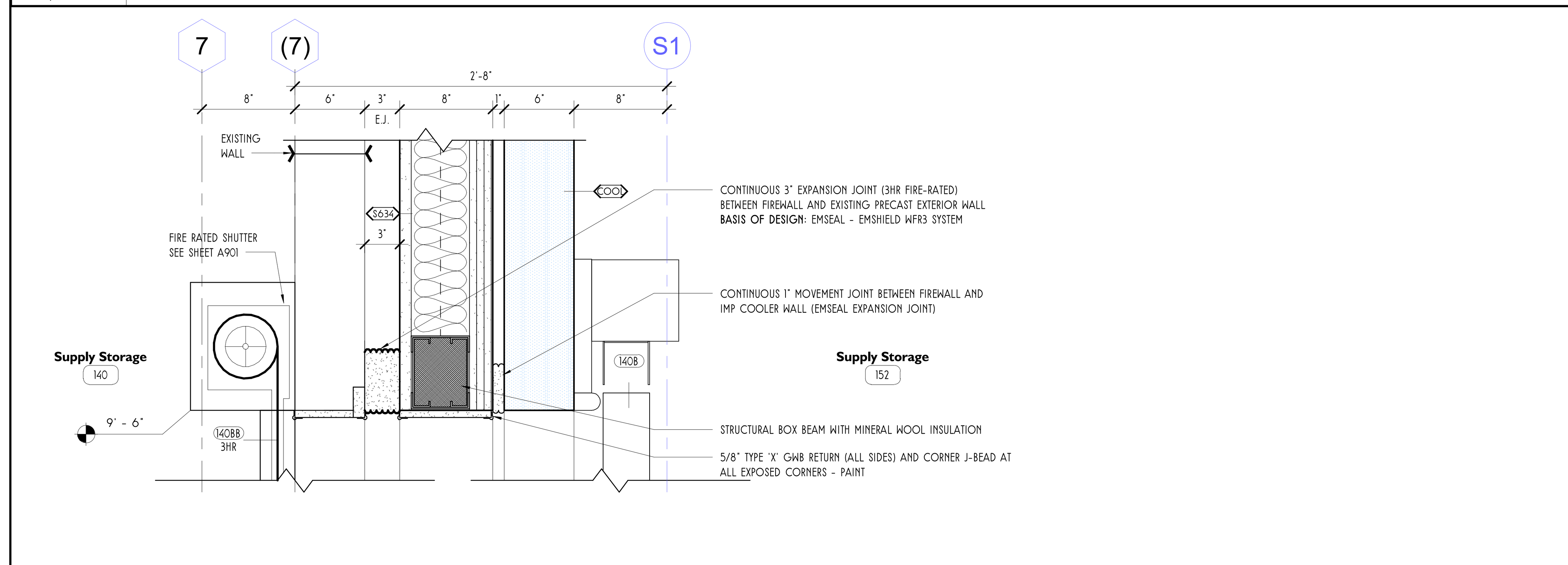
6 Wall Section at Existing
3/4" = 1'-0" A102



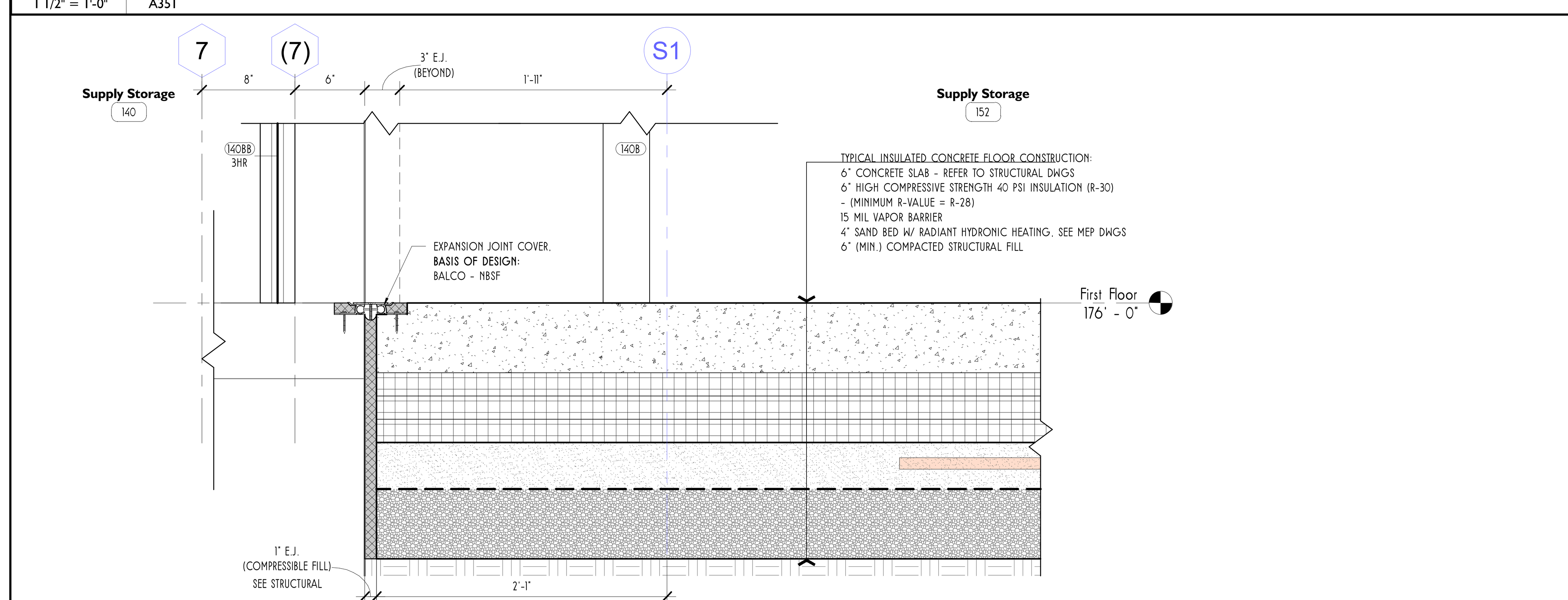
1 Typical Wall Section
3/4" = 1'-0" A102



4 Roof Expansion Joint
1 1/2" = 1'-0" A351



3 OH Door Head Detail at Existing
1 1/2" = 1'-0" A351



2 Floor Slab at Existing
1 1/2" = 1'-0" A351

STAMP

ARCHITECT

Revision Schedule

#	Description	Date

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SCALE As indicated
DRAWN BY JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

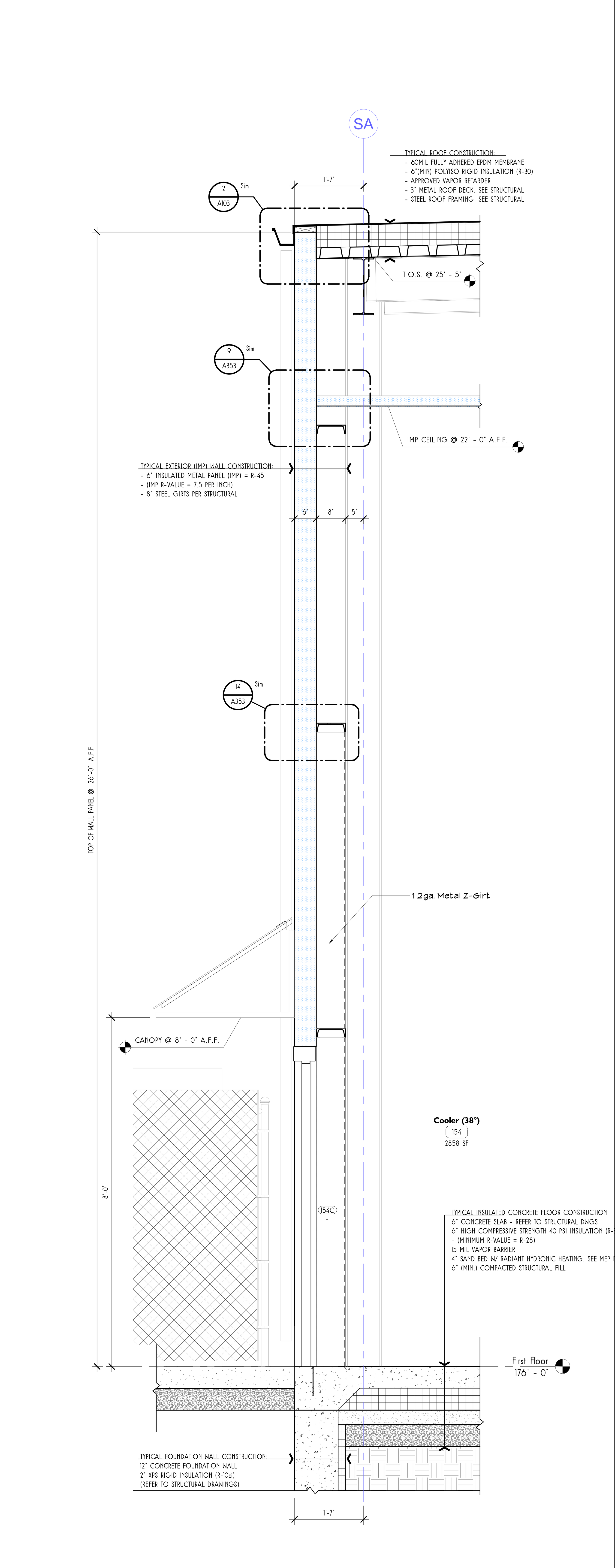
Wall Sections & Details

SHEET TITLE

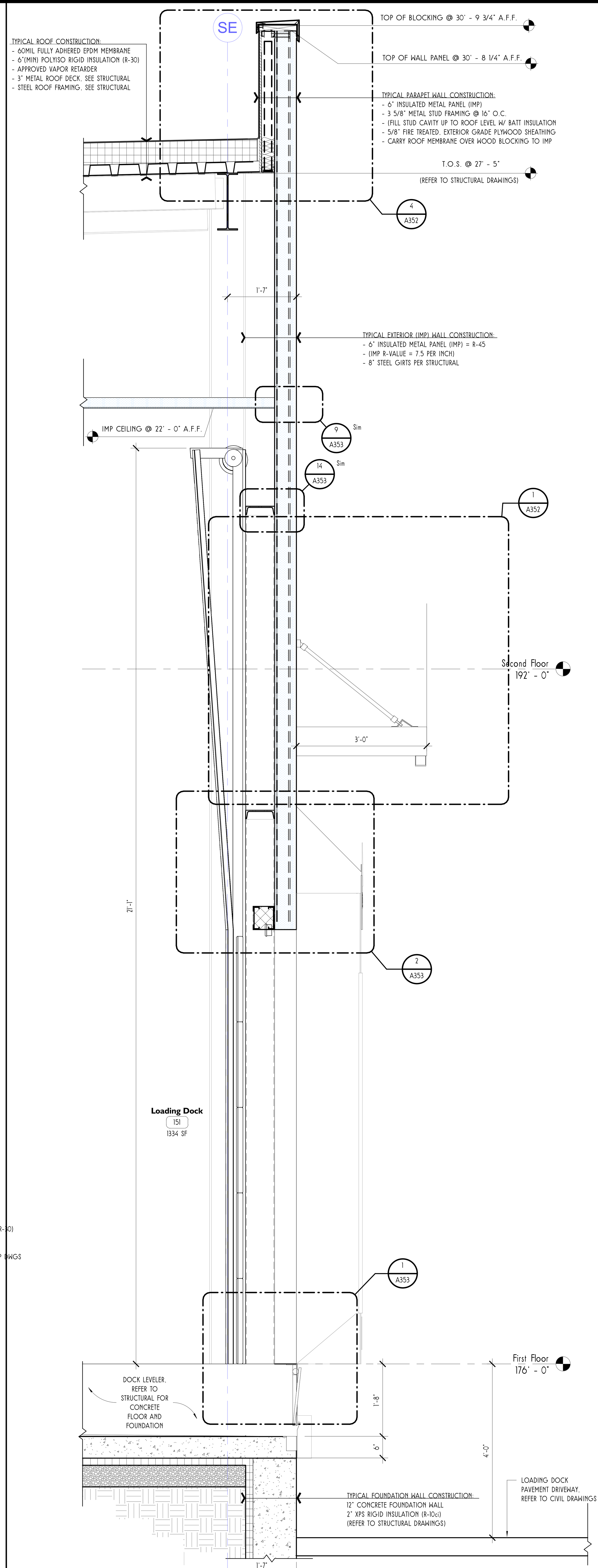
A351

SHEET NUMBER

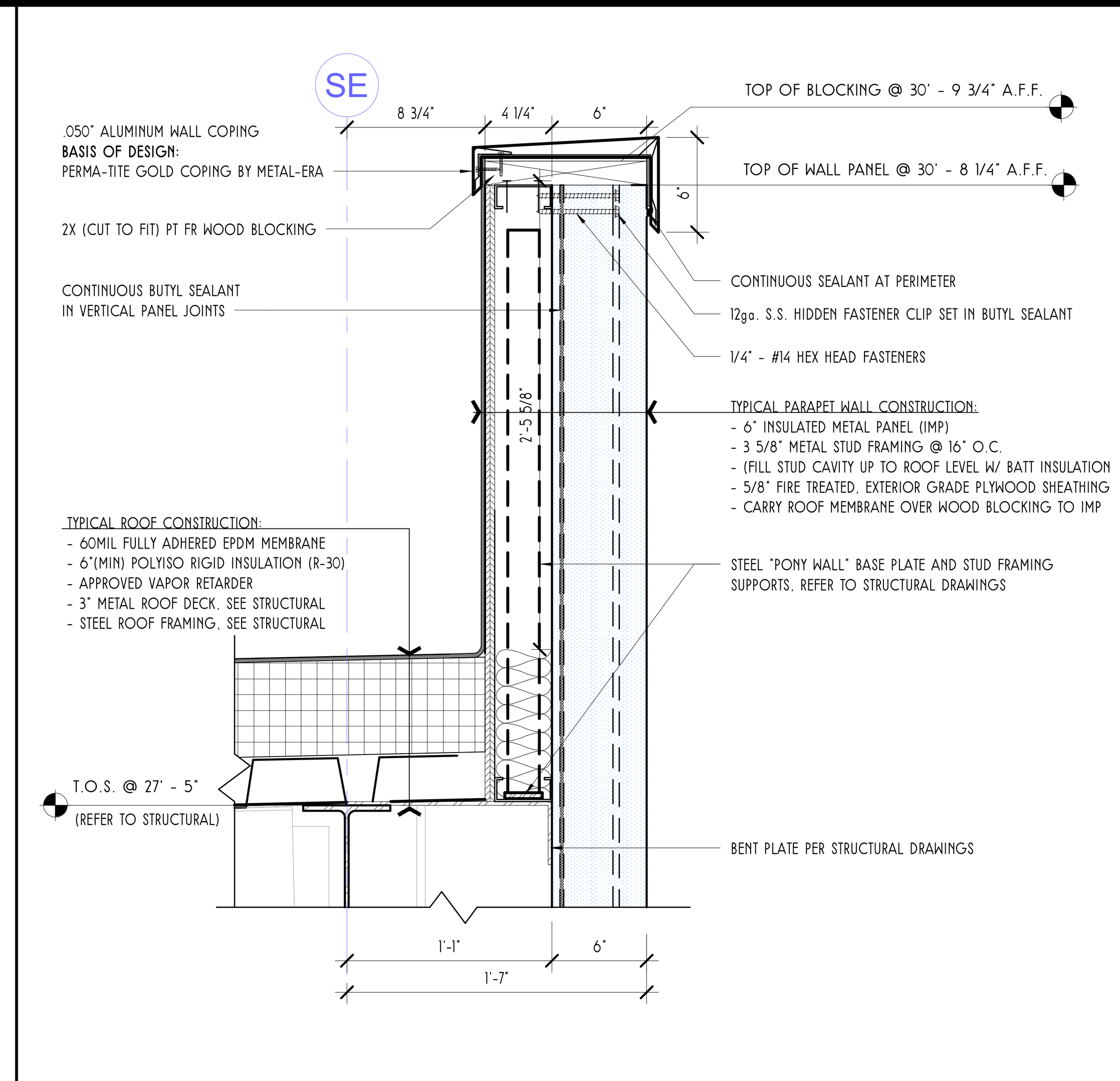
6/7/2021 8:38:47 AM



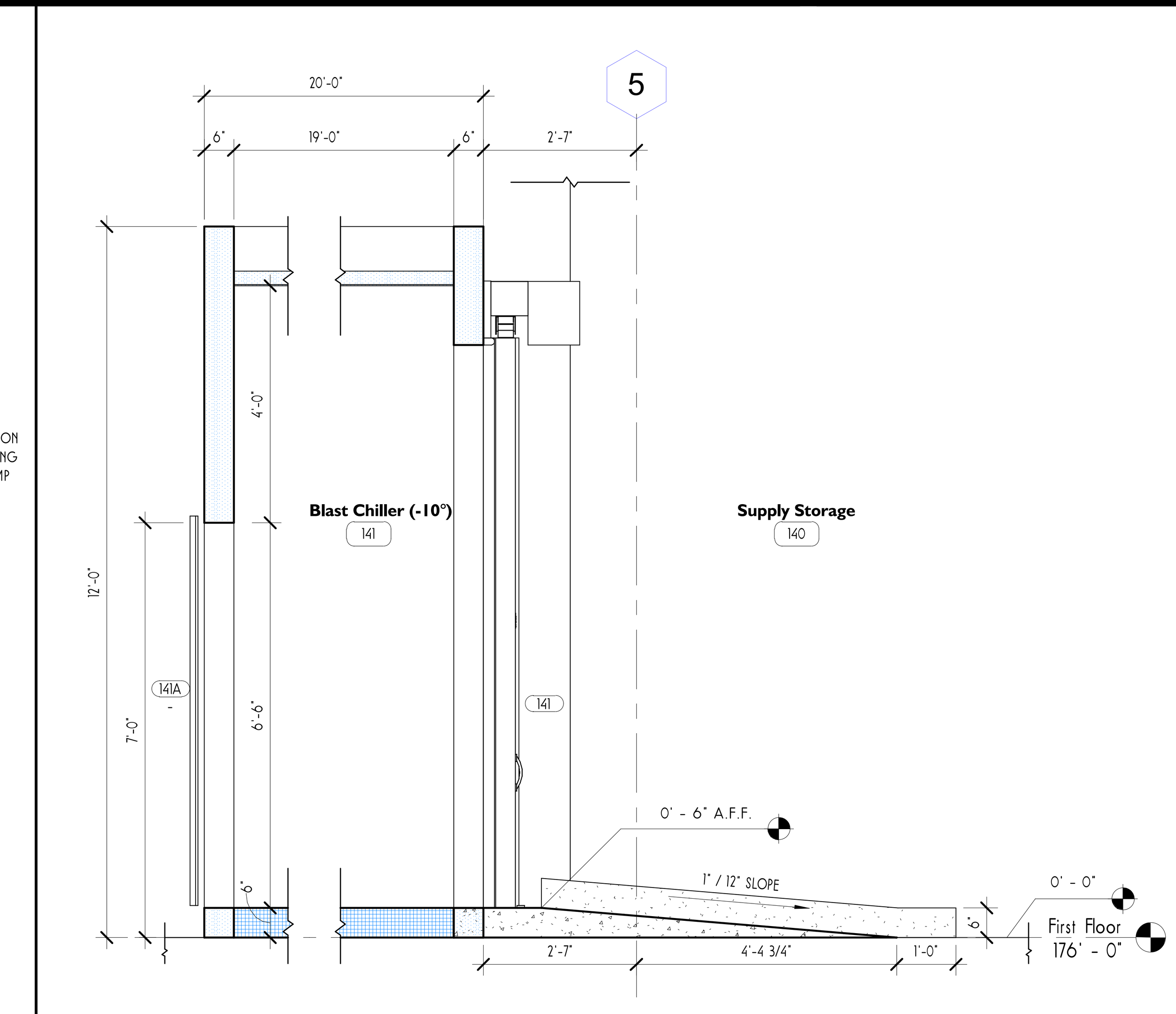
6 Typical North Wall Section
3/4" = 1'-0" A202



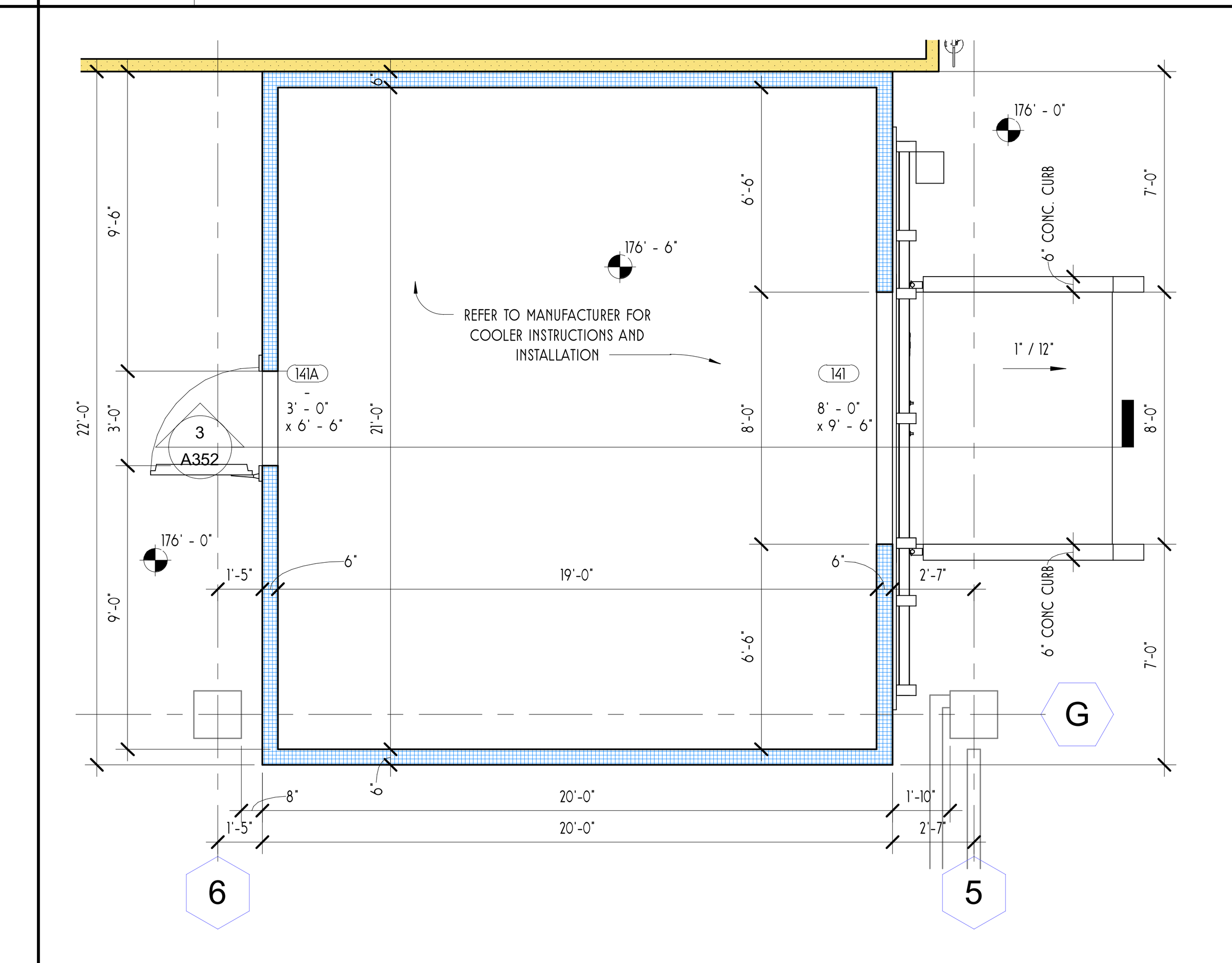
5 Wall Section @ Loading Dock
3/4" = 1'-0" A202



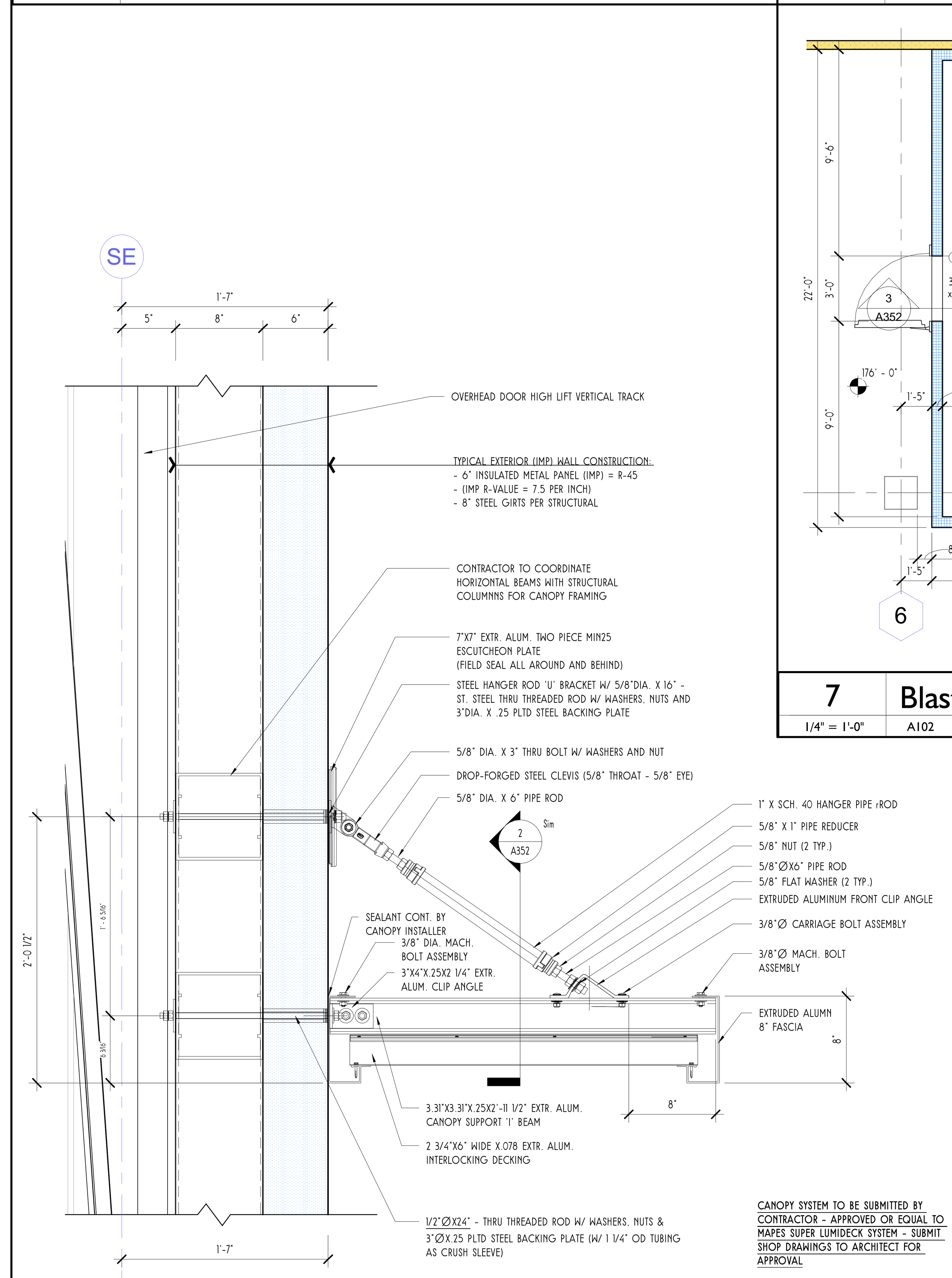
4 Parapet Flashing Detail
1 1/2" = 1'-0" A351



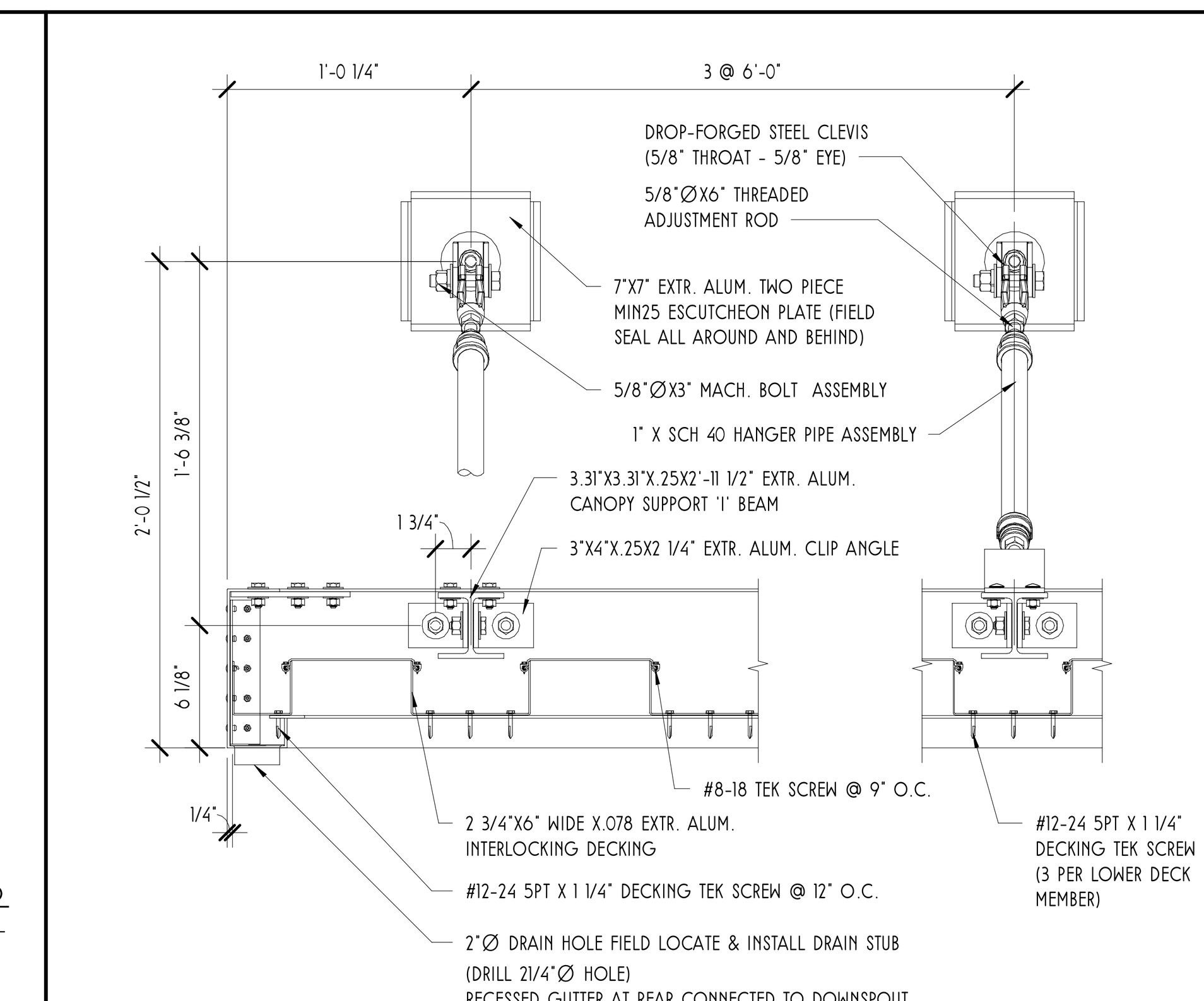
3 Blast Chiller Section
1/2" = 1'-0" A102



7 Blast Chiller Enlarged Plan
1/4" = 1'-0" A102



1 Canopy Section Detail
1 1/2" = 1'-0" A201



2 Canopy Section Detail 2
1 1/2" = 1'-0" A352

STAMP

sra
SYVERTSEN RIGOSU architects

ARCHITECT

Revision Schedule

#	Description	Date

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SCALE	As indicated
DRAWN BY	JJ
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

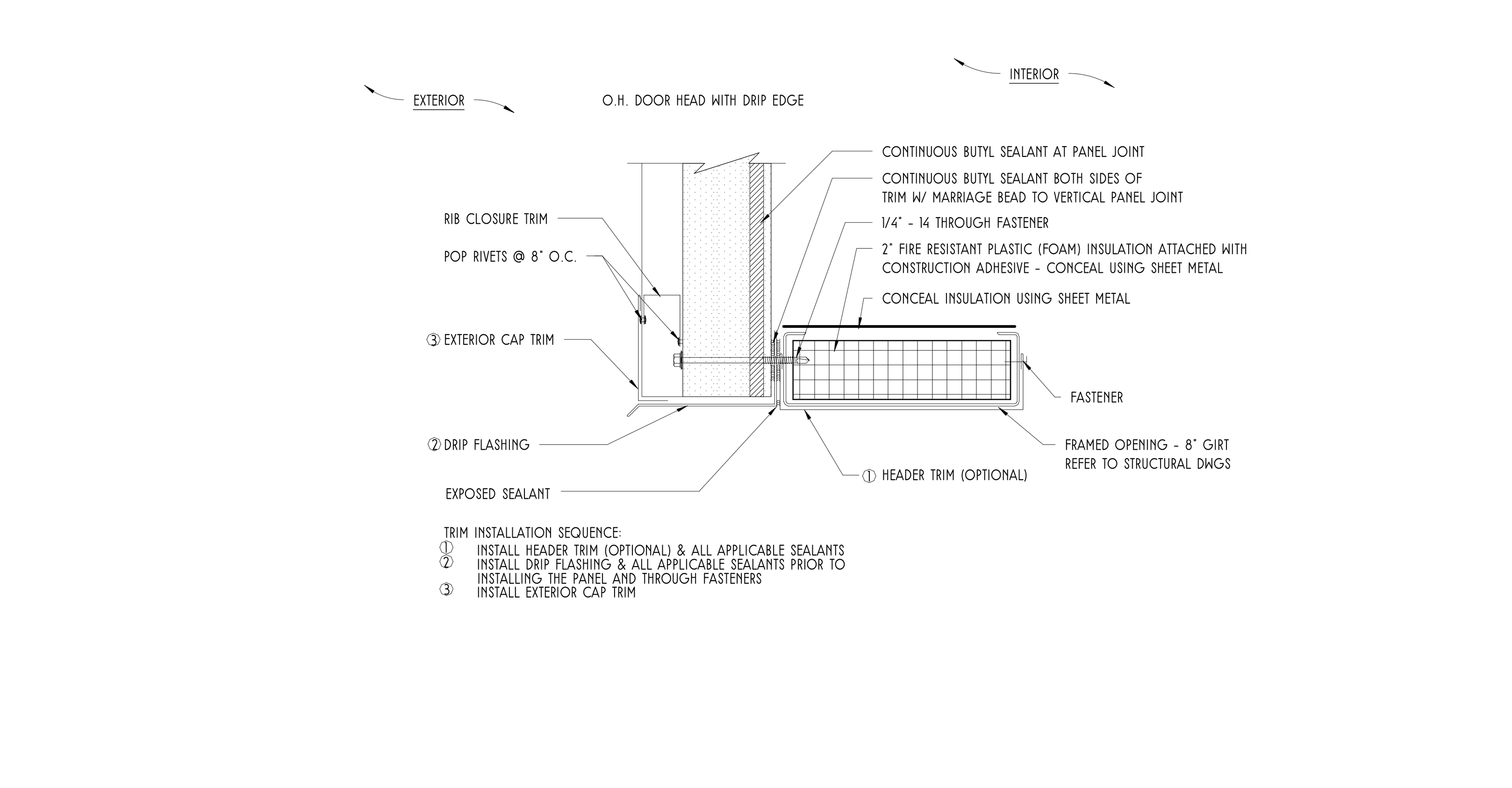
PROJECT INFORMATION

Wall Sections & Details

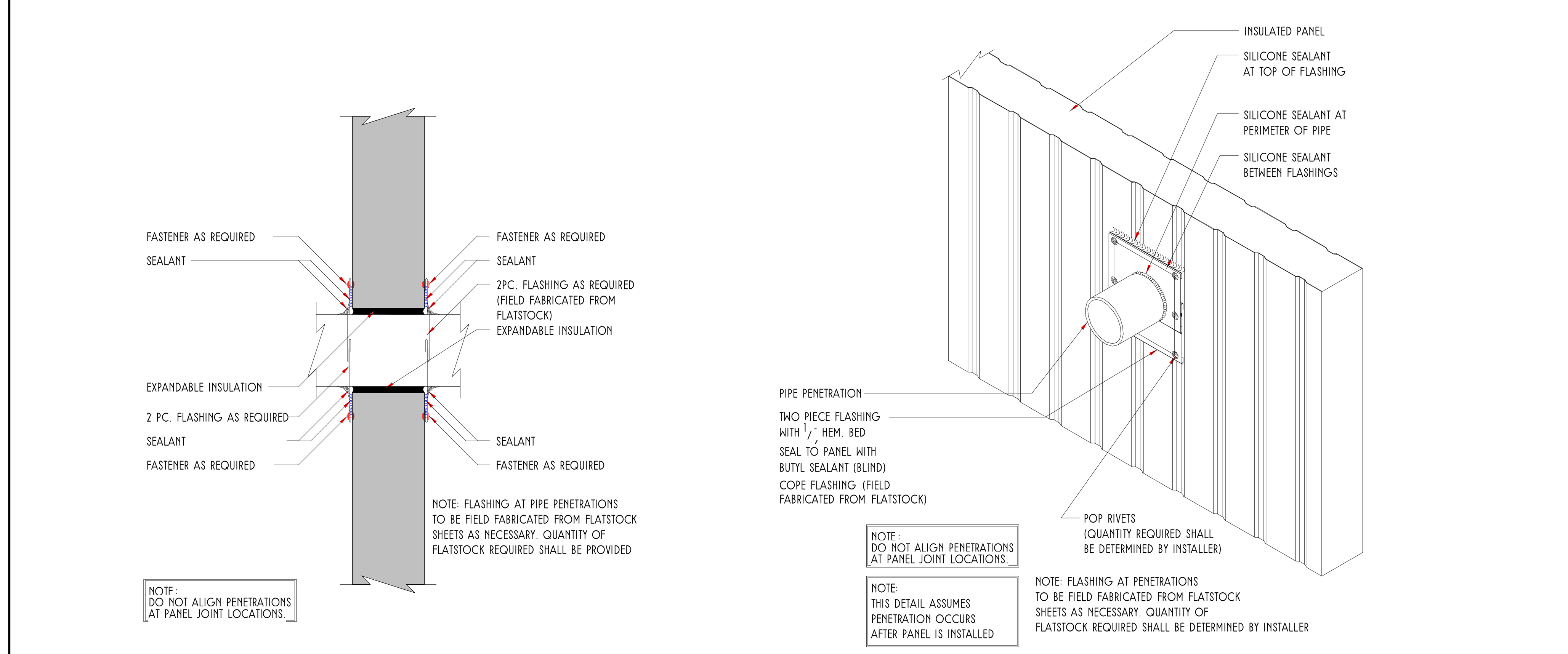
SHEET TITLE

A352

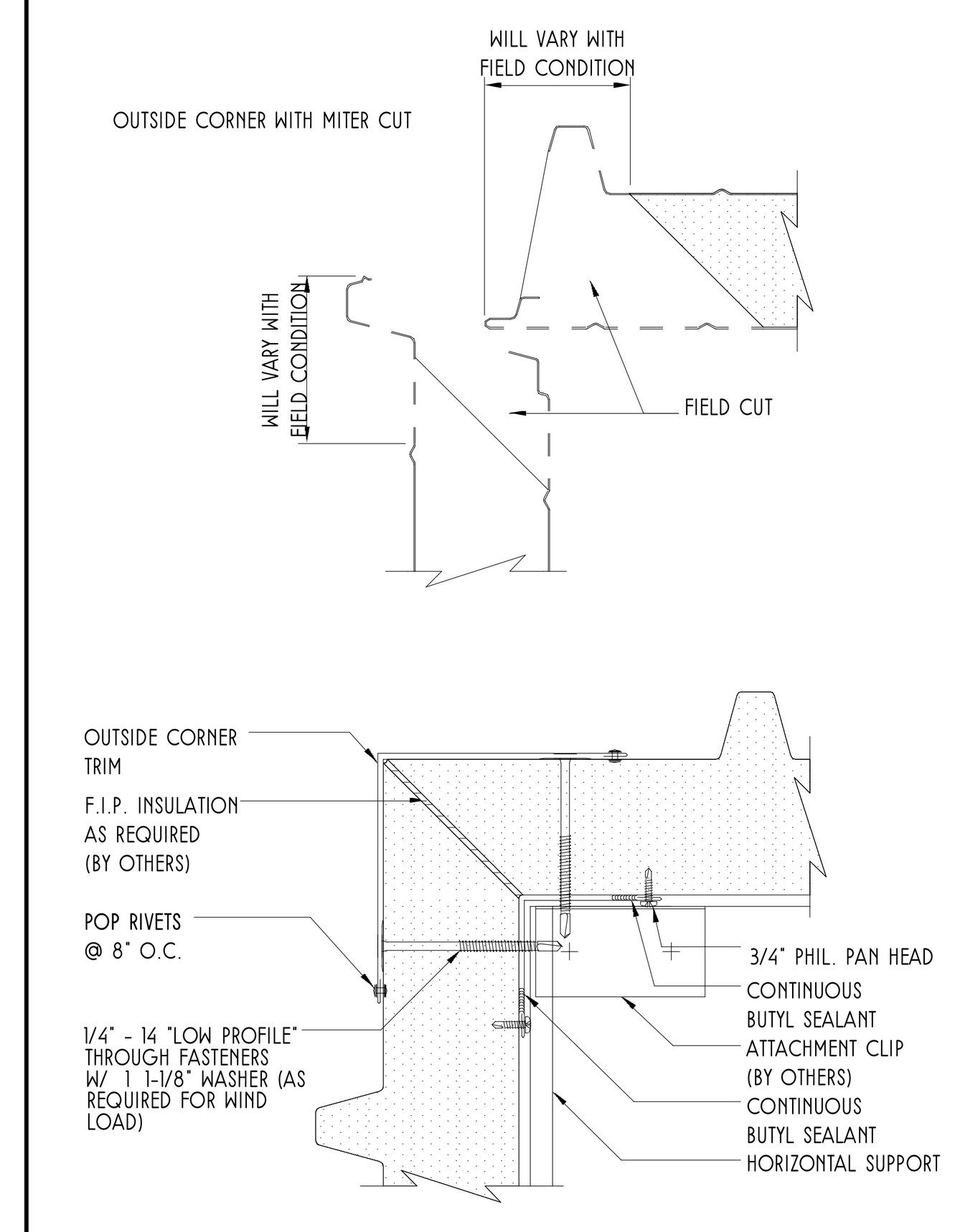
SHEET NUMBER



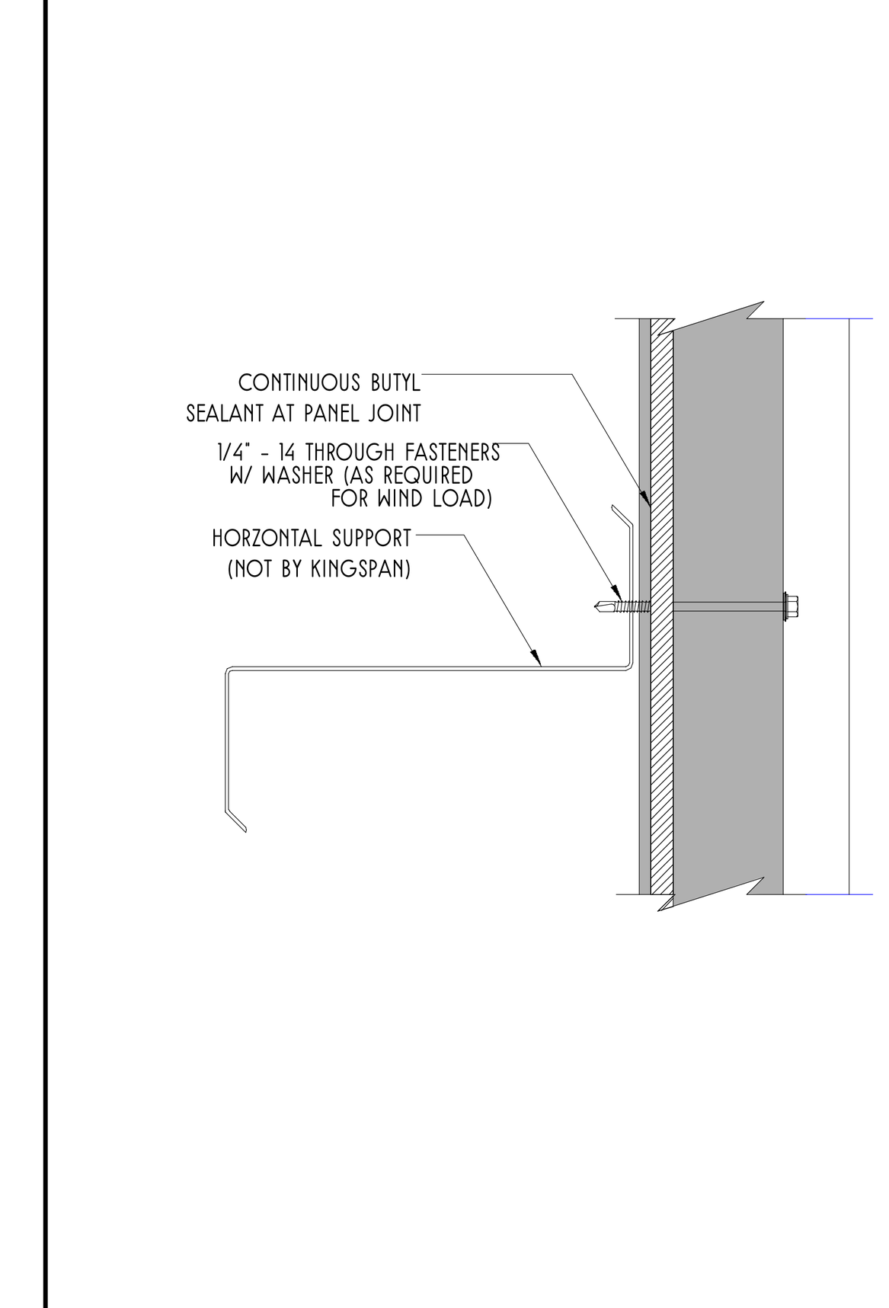
12 IMP OH Door Head Detail
3" = 1'-0" A353



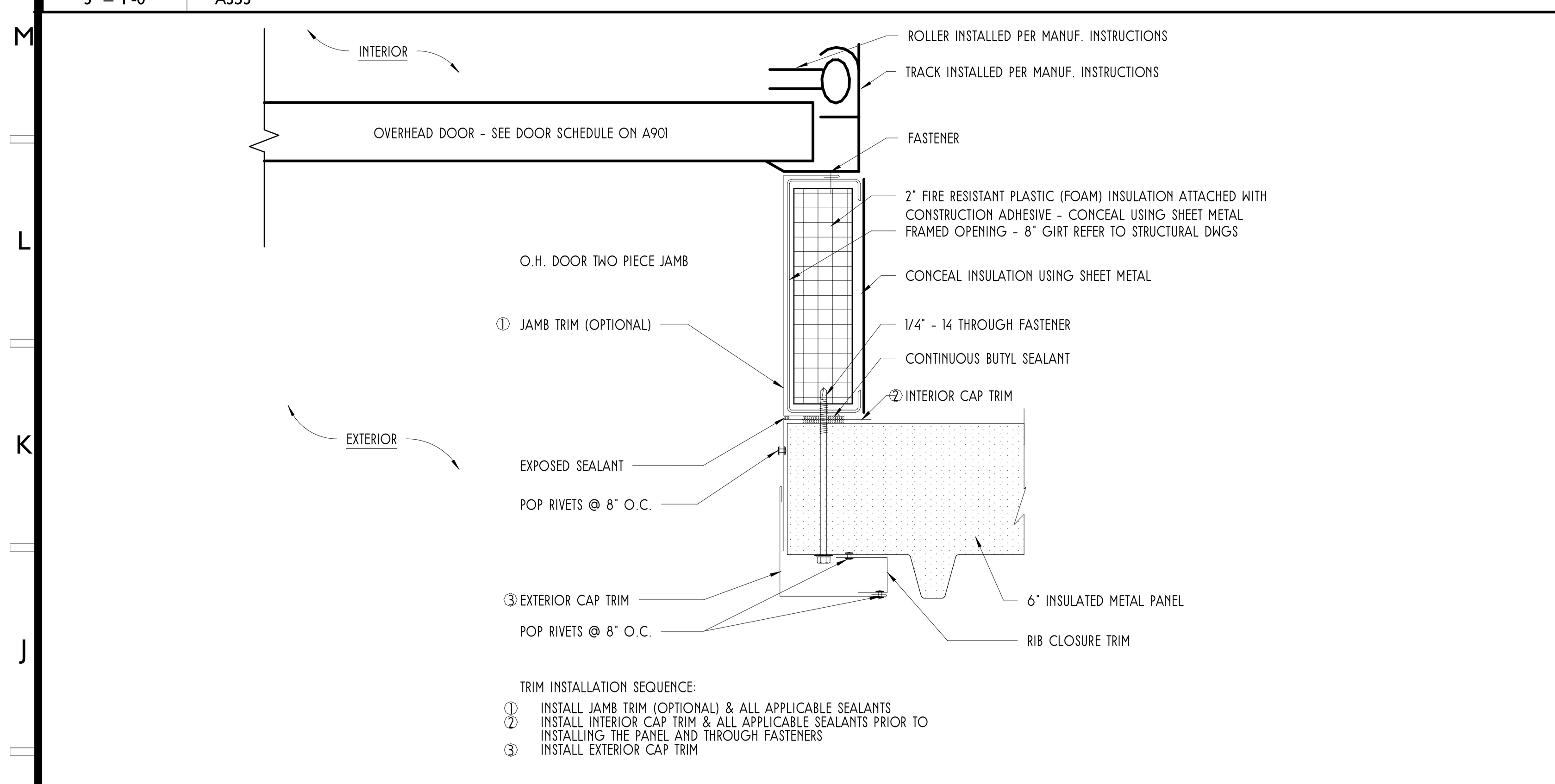
13 IMP Penetration Details
3" = 1'-0"



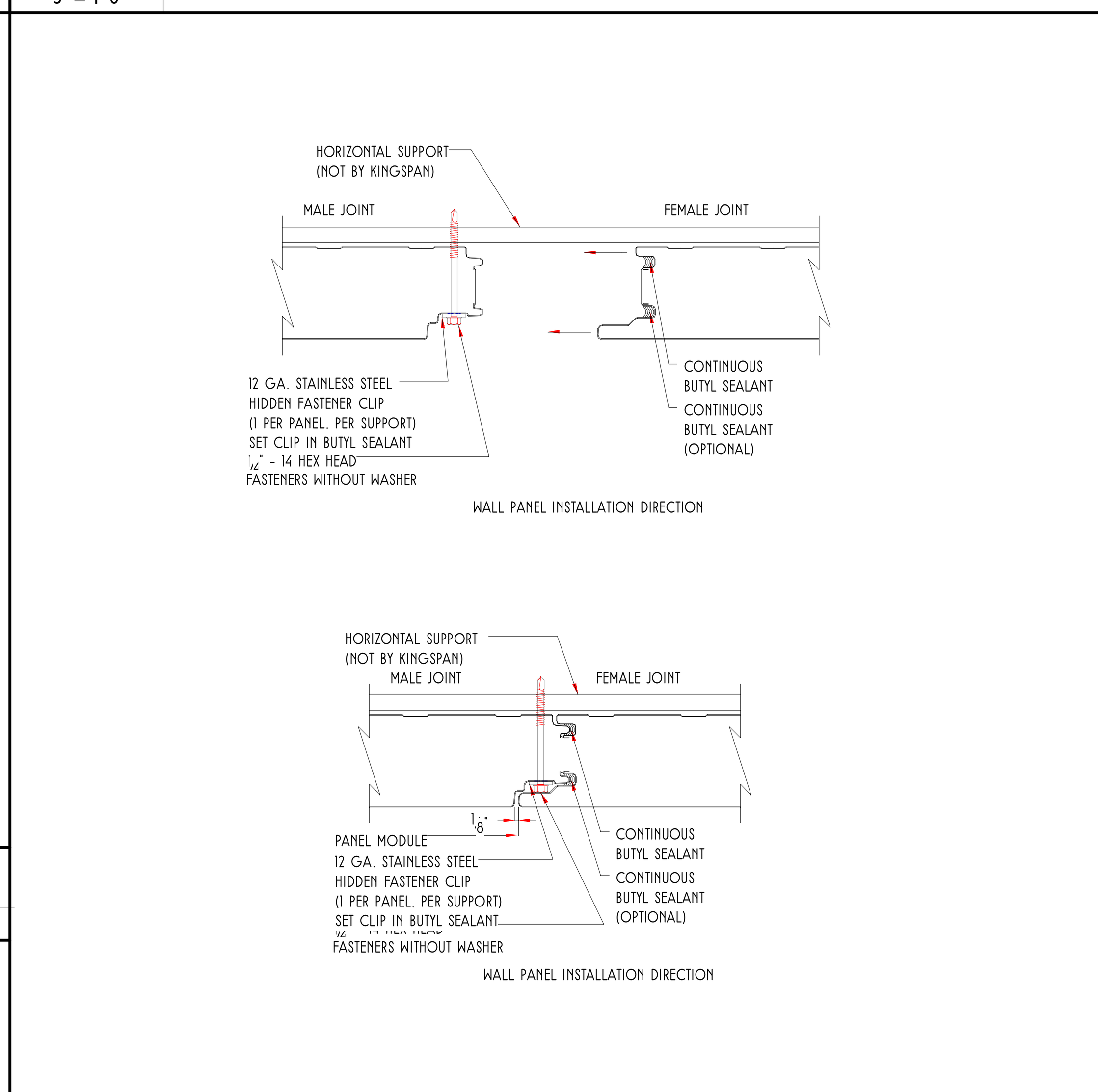
7 IMP Outside Corner
3" = 1'-0" A102



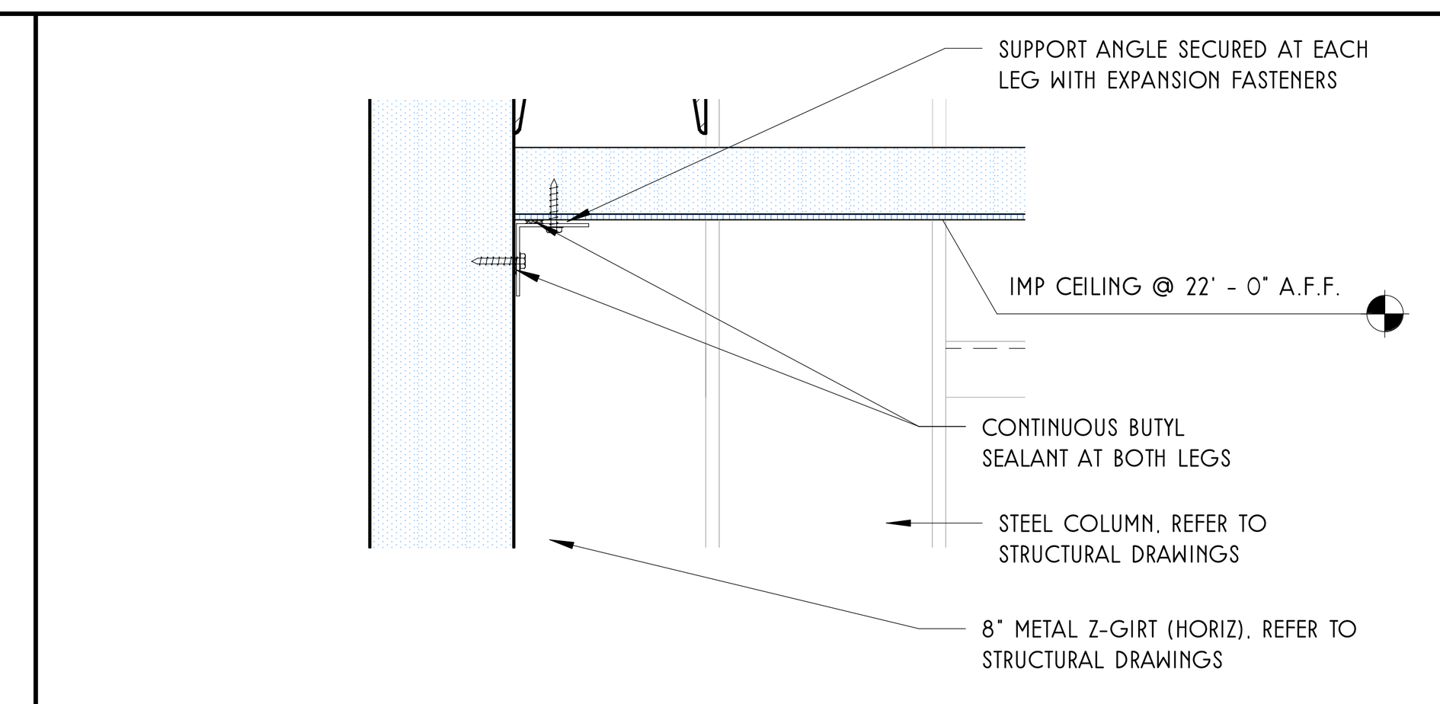
14 IMP Fastened Detail
3" = 1'-0" A352



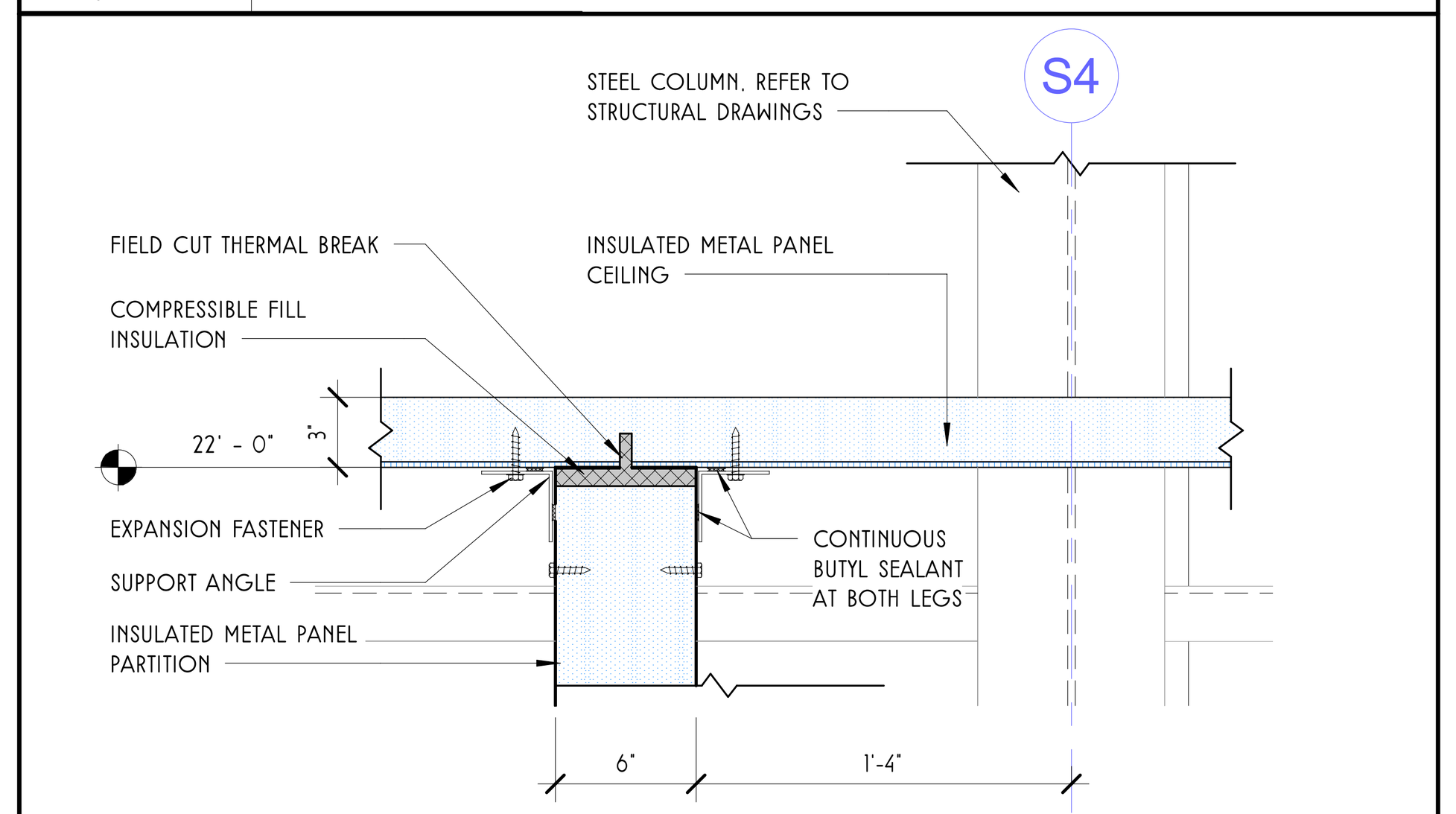
11 IMP OH Door Jamb Detail
3" = 1'-0"



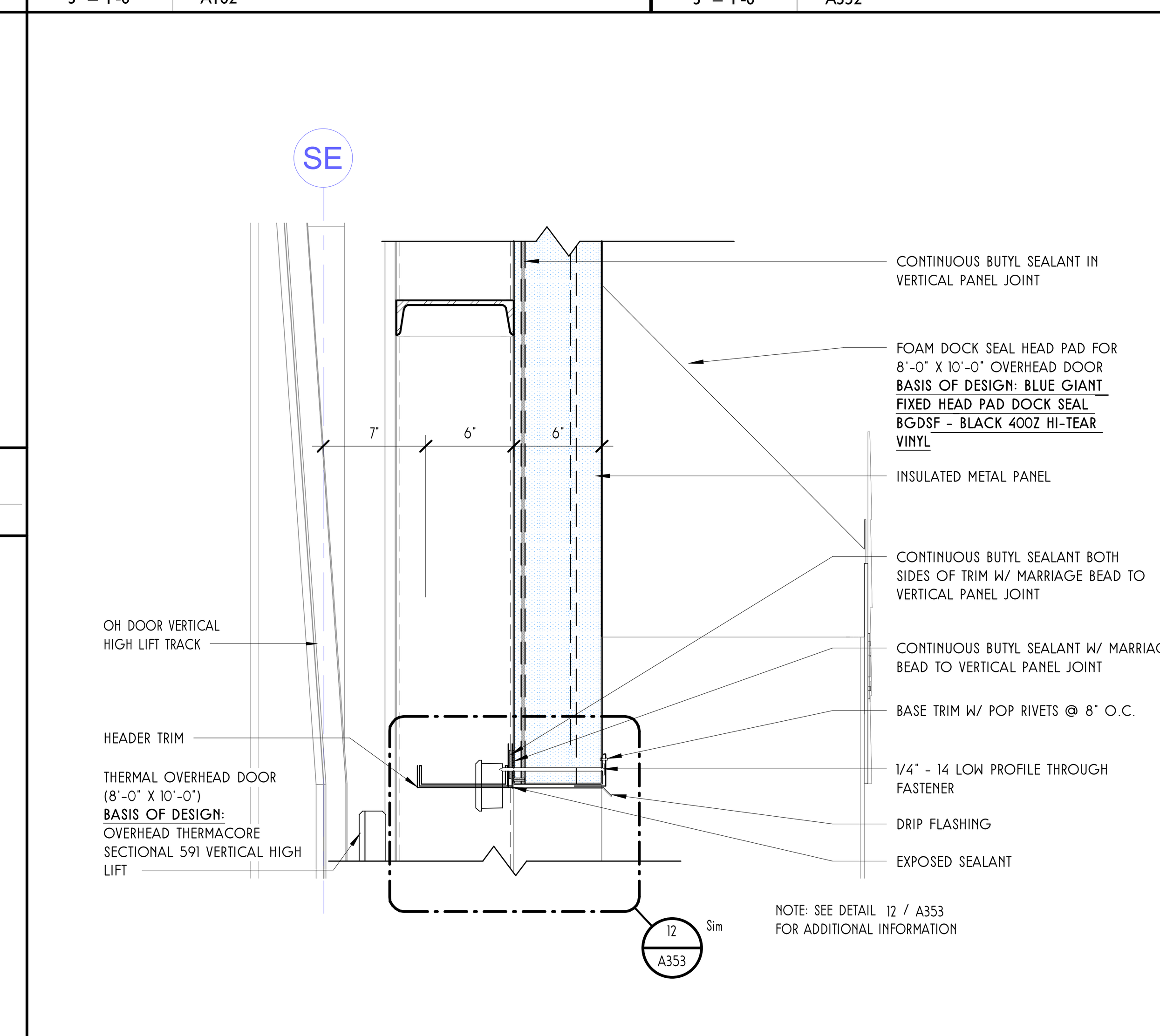
6 IMP Installation Detail
3" = 1'-0"



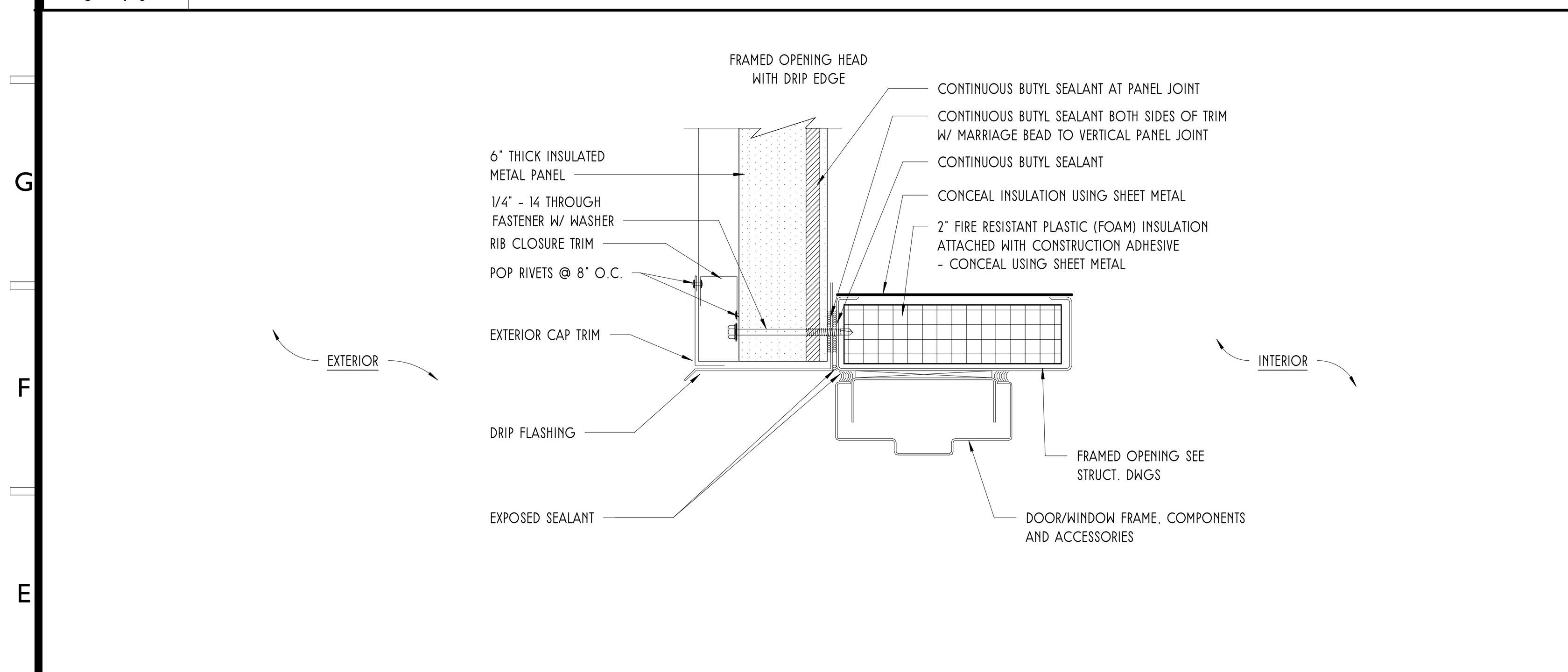
9 Ceiling Detail
1 1/2" = 1'-0" A351



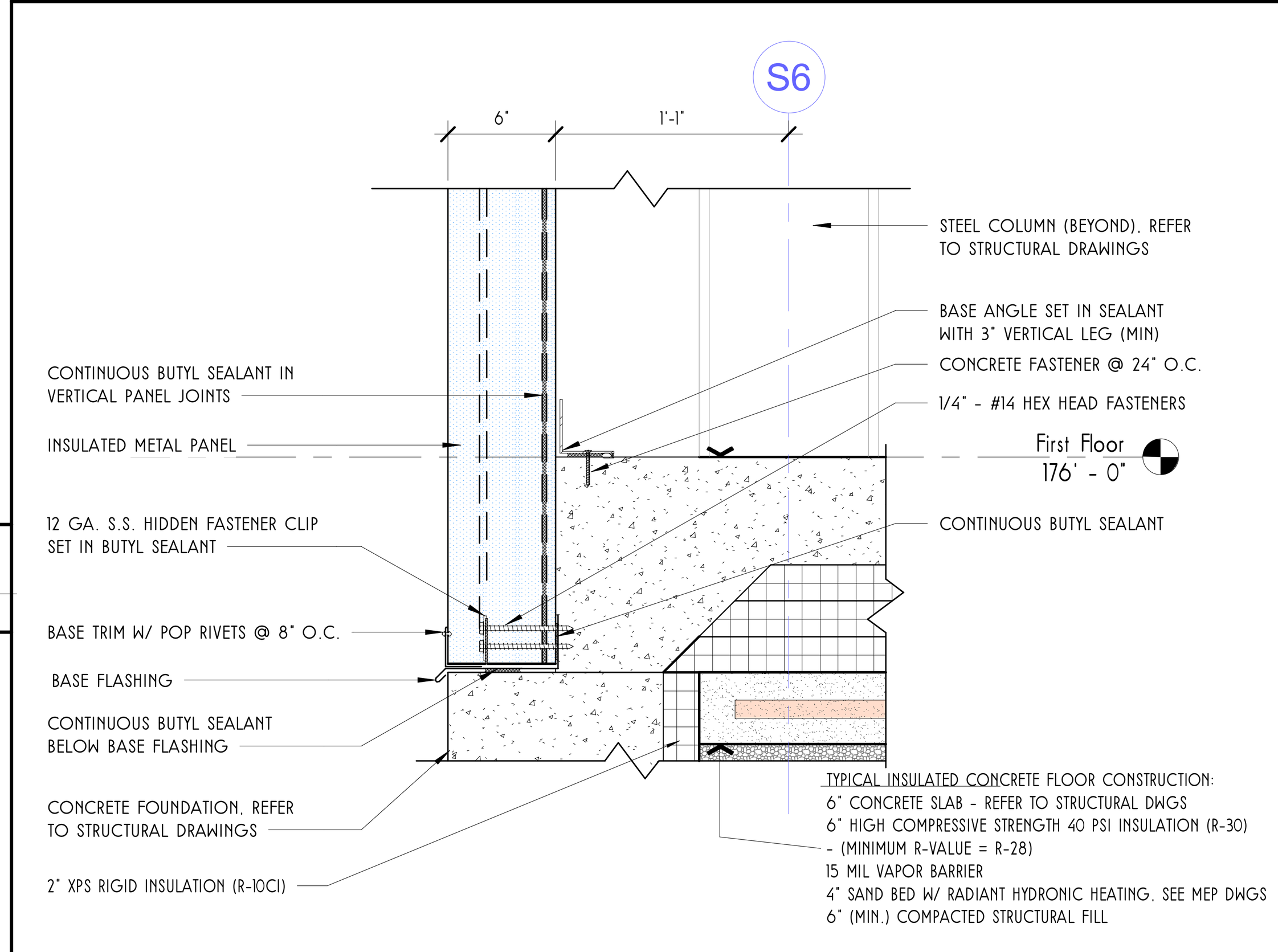
5 IMP Partition-Ceiling Detail
1 1/2" = 1'-0" A202



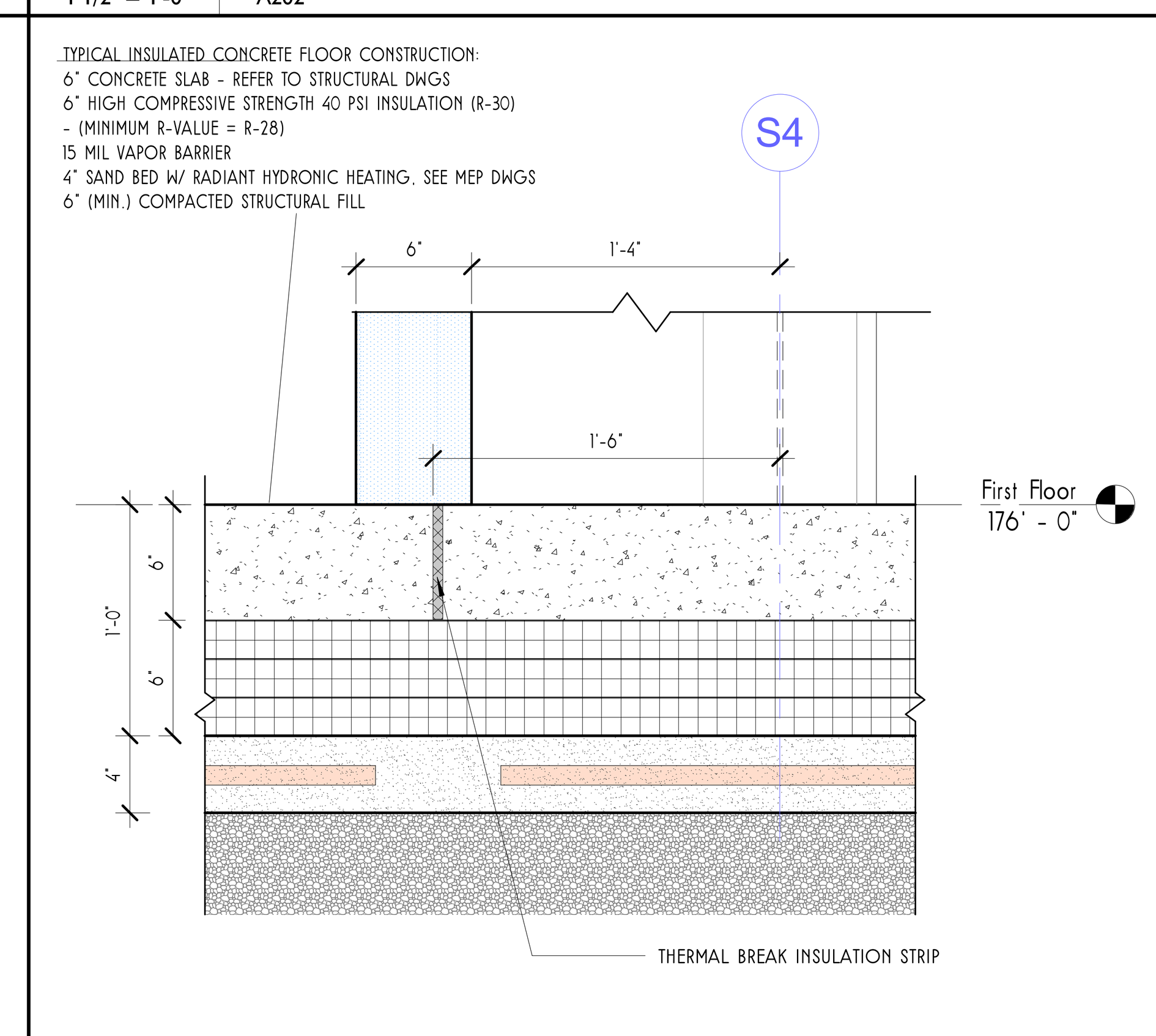
2 Loading Dock Head Detail
1 1/2" = 1'-0" A352



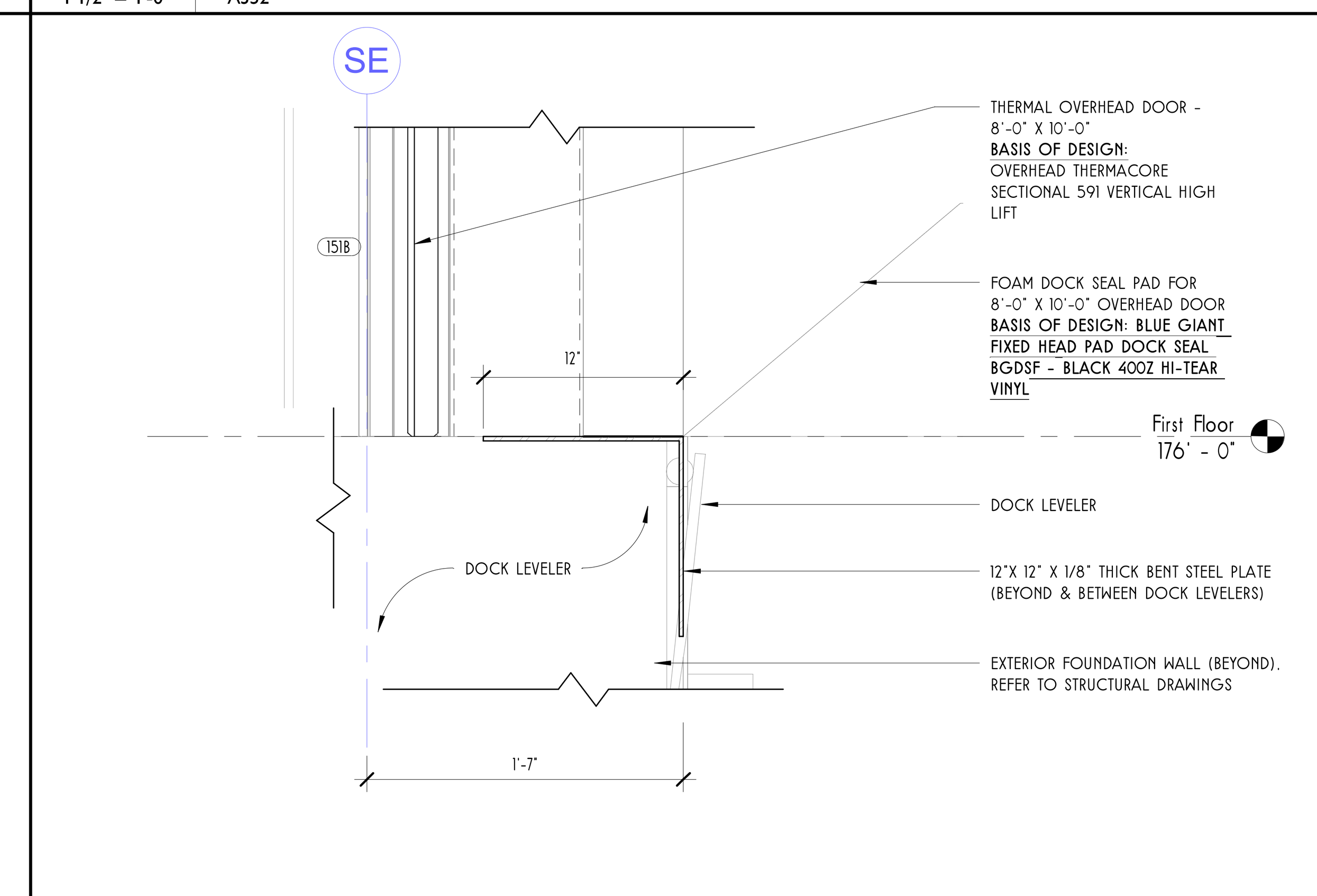
3 IMP Exterior Door
3" = 1'-0"



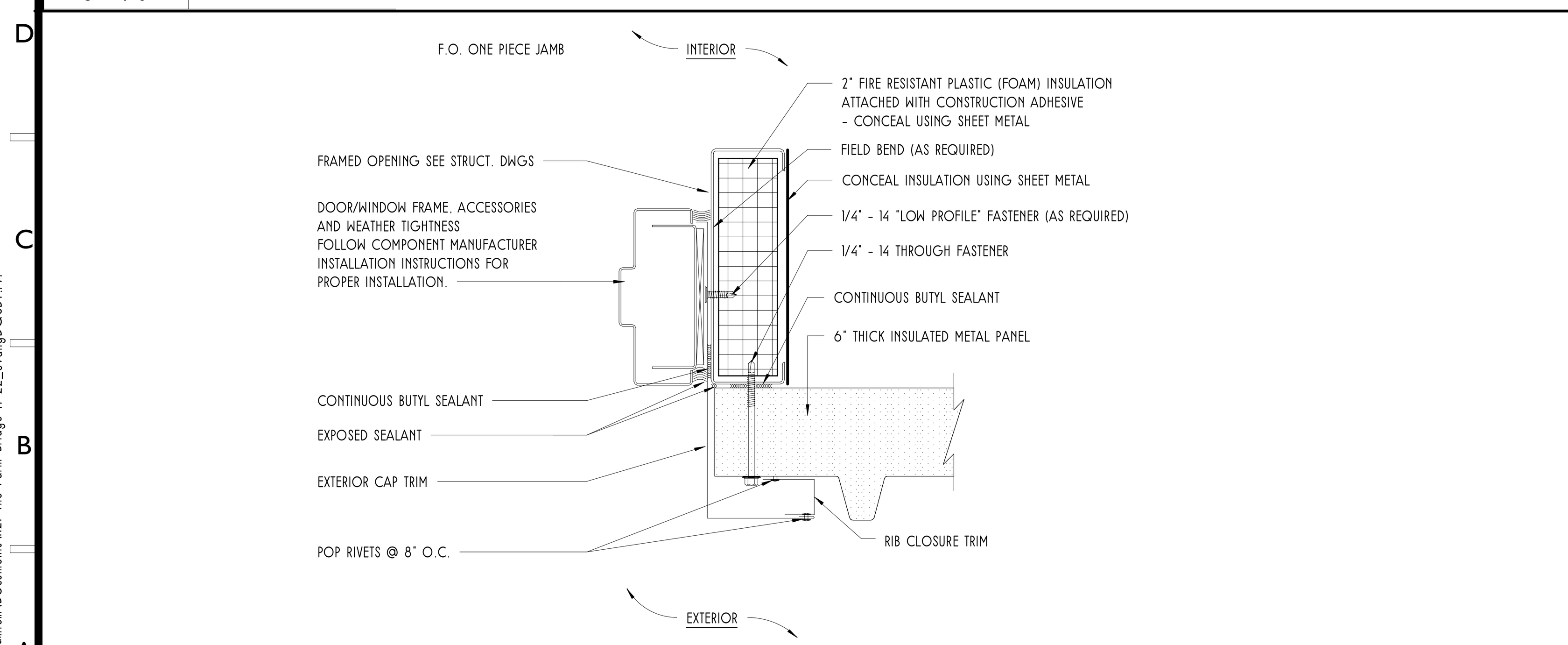
8 IMP Base Detail
1 1/2" = 1'-0" A351



4 IMP Interior Partition Detail
1 1/2" = 1'-0" A202



1 Loading Dock Sill Detail
1 1/2" = 1'-0" A352



10 IMP Exterior Door Jamb Detail
3" = 1'-0"

CONSULTANT

STAMP

SRA
SYVERTSEN RIGOSU architects

ARCHITECT

Revision Schedule		
#	Description	Date

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DRAWN BY: JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

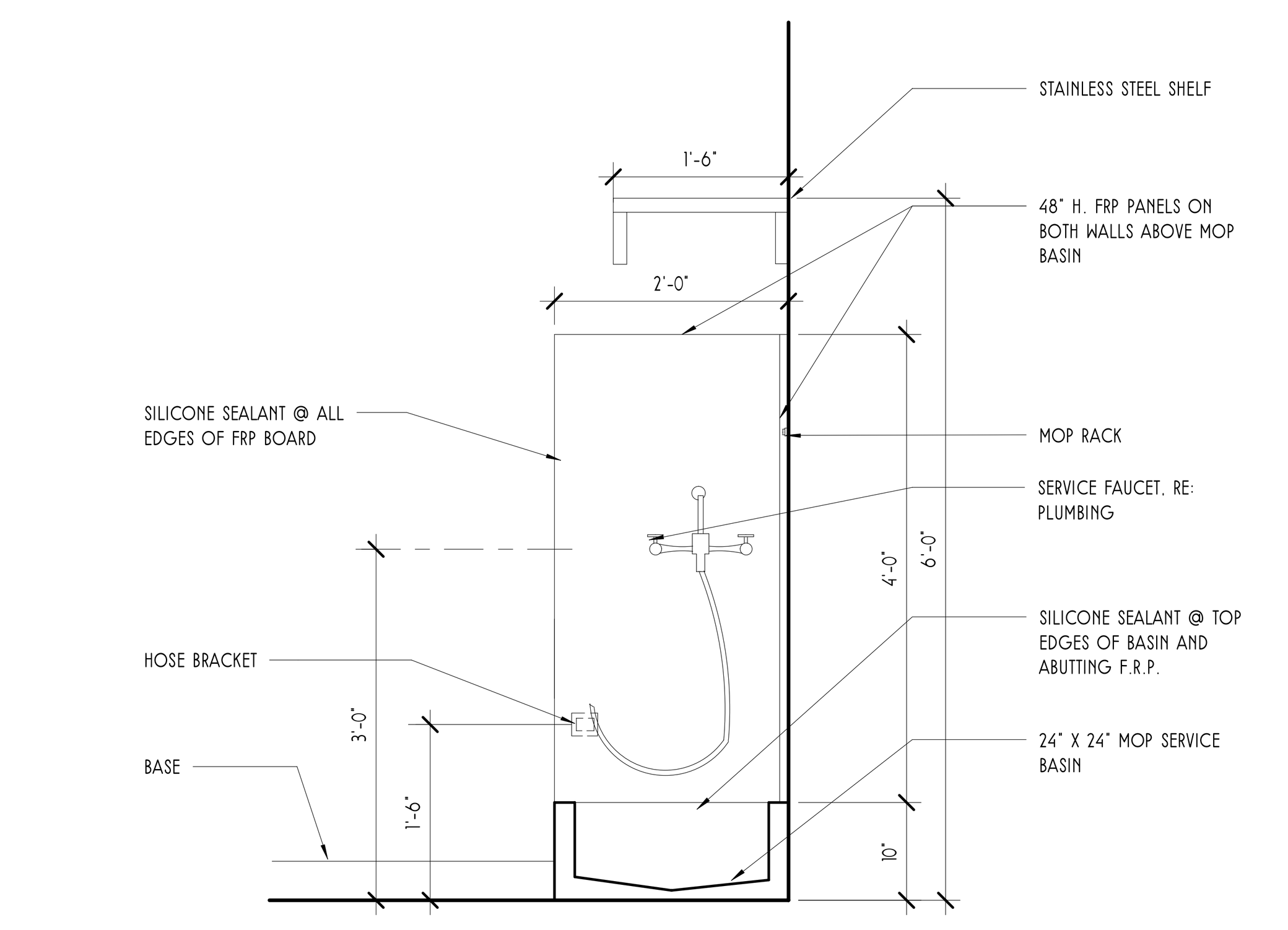
PROJECT INFORMATION

Section Details

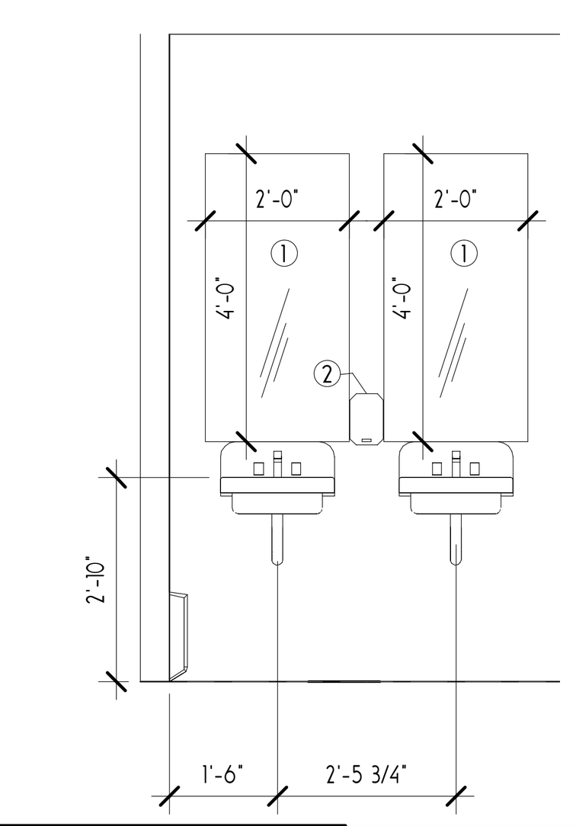
SHEET TITLE

A353

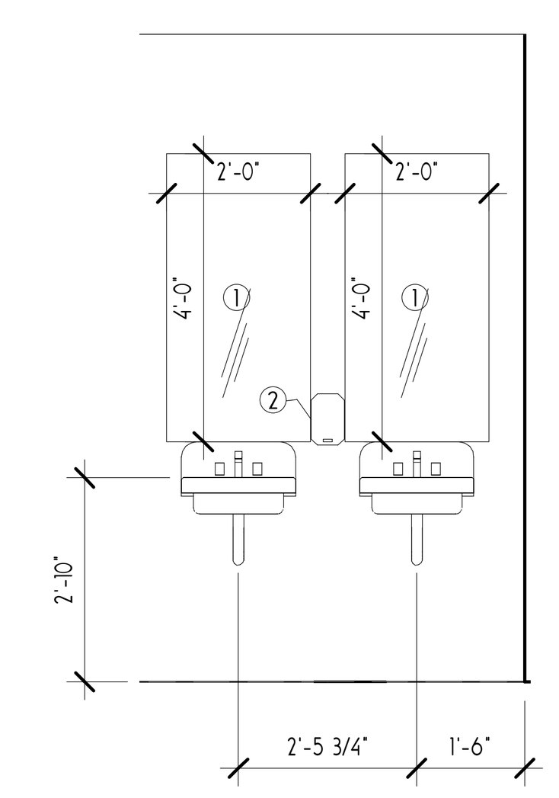
SHEET NUMBER



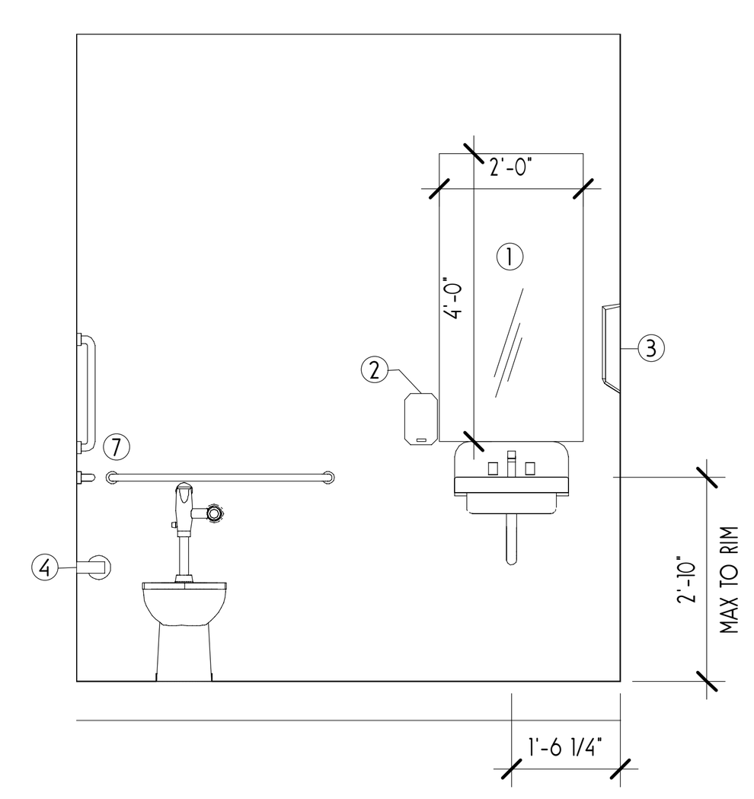
10 Mop Basin Elevation
3/4" = 1'-0" A101



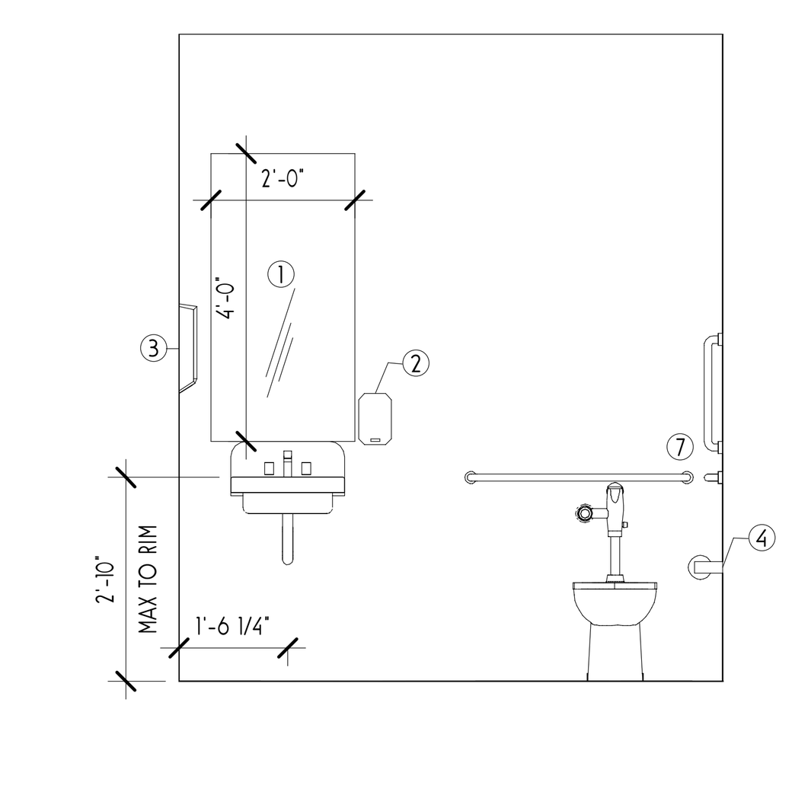
2 Men's Elevation
3/8" = 1'-0" A601



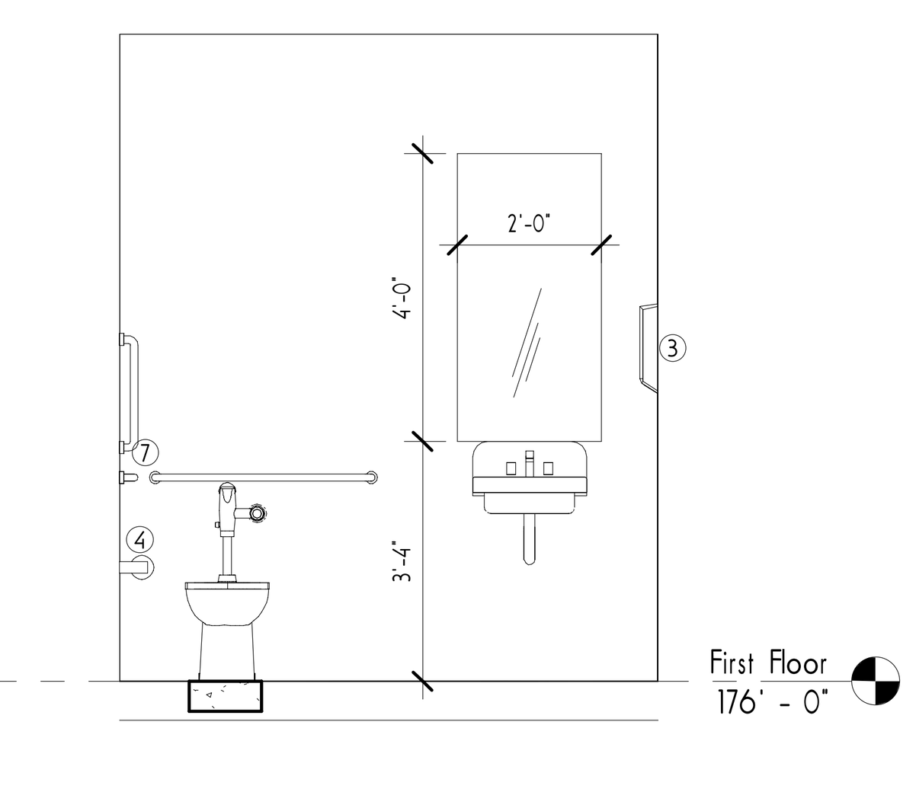
3 Women's Elevation
3/8" = 1'-0" A601



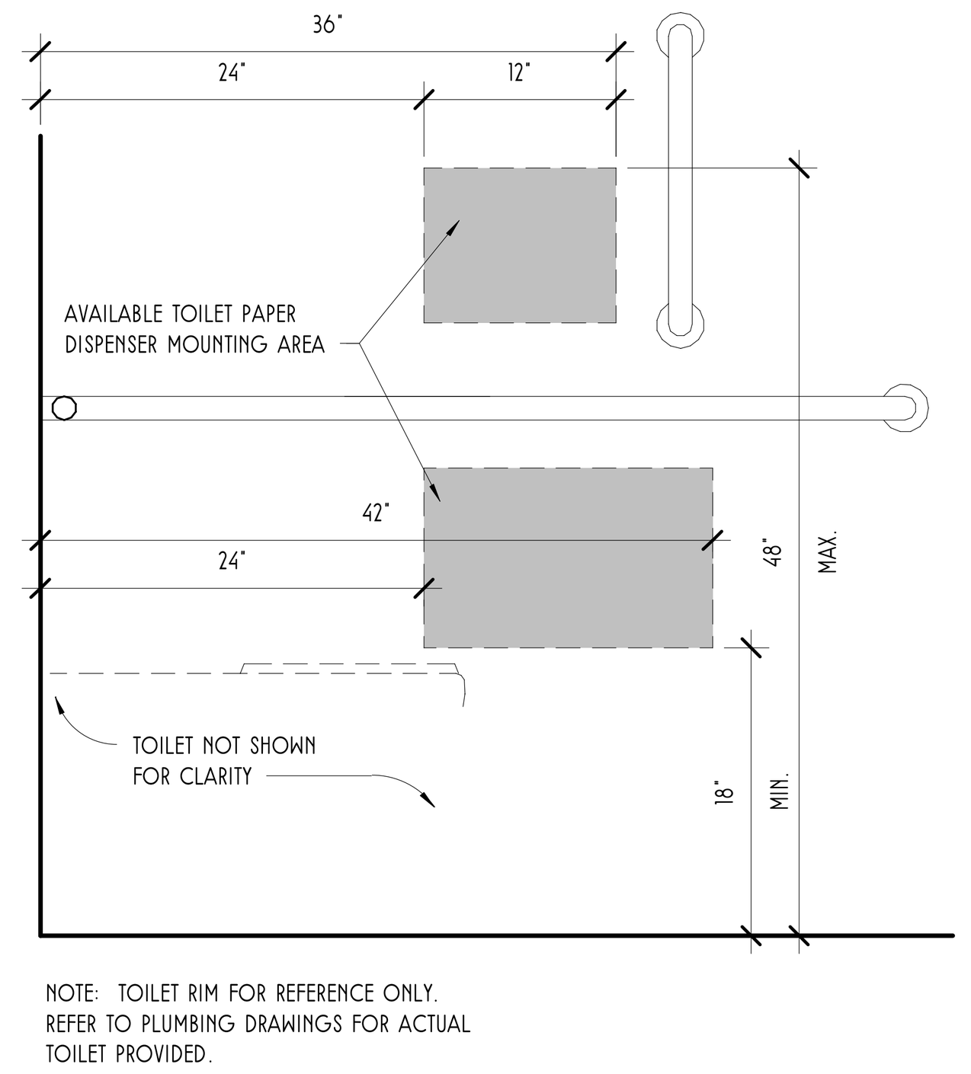
7 114 Elevation
3/8" = 1'-0" A601



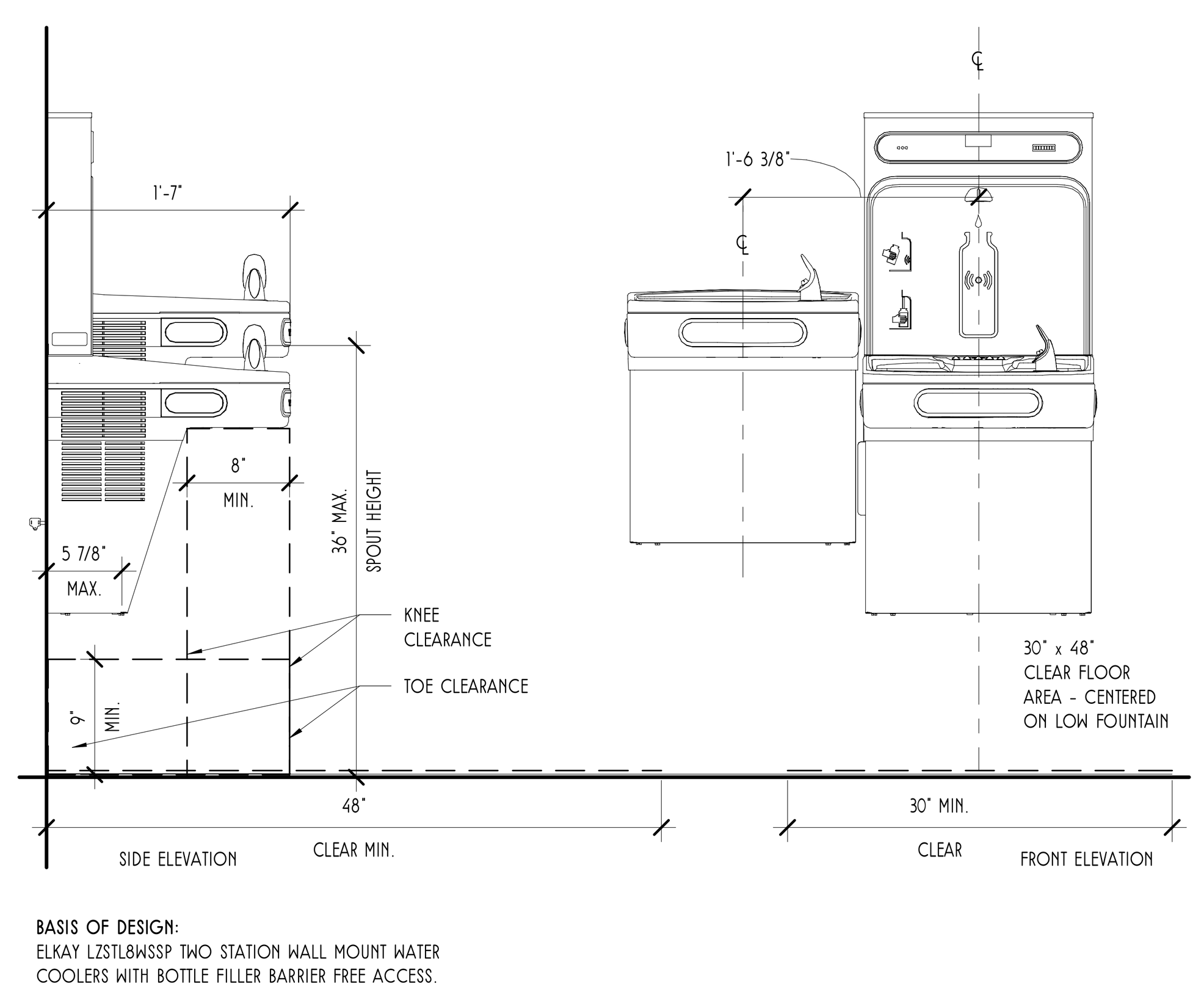
4 115 Elevation
3/8" = 1'-0" A601



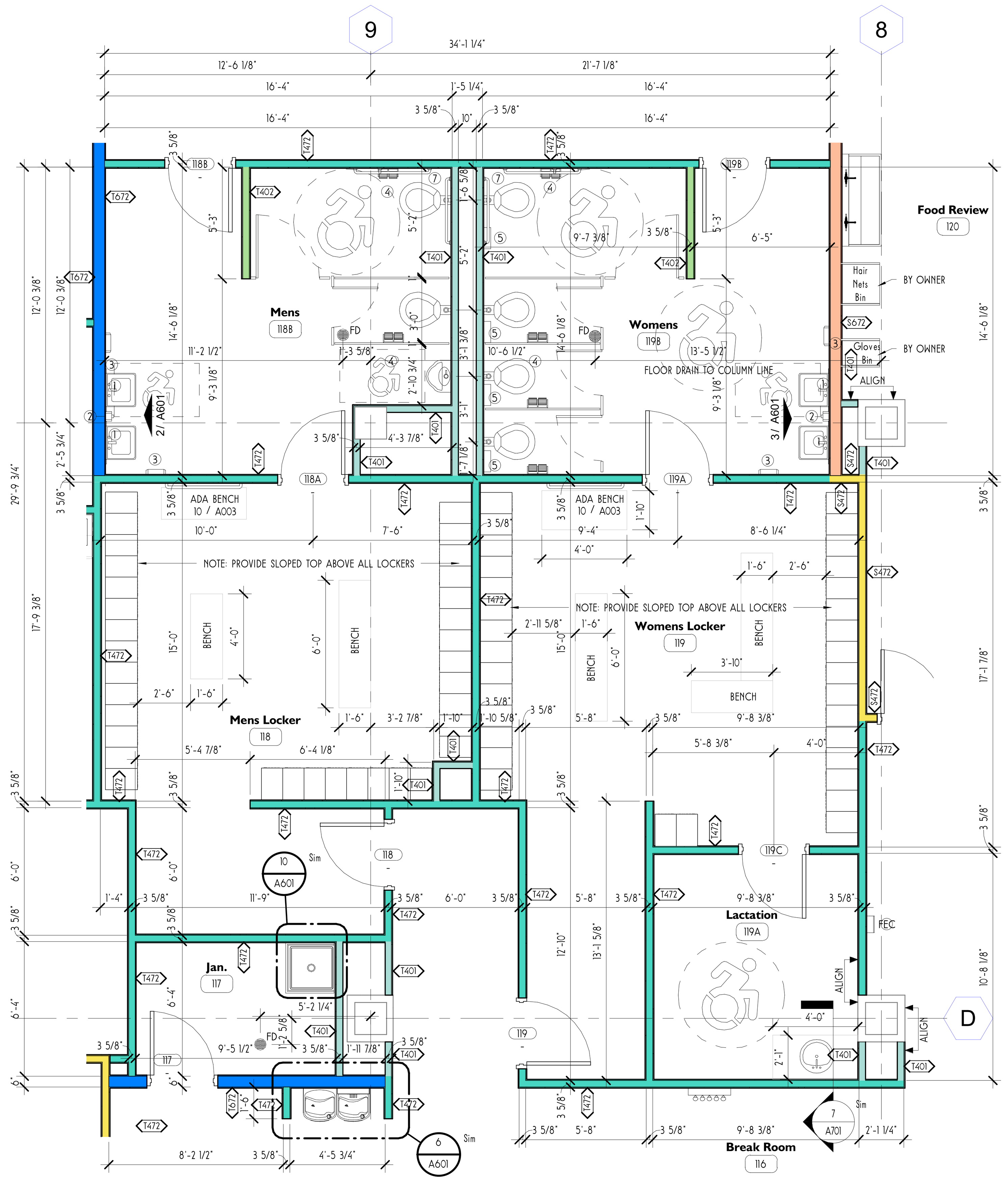
12 Warehouse Restroom Plan
3/8" = 1'-0" A102



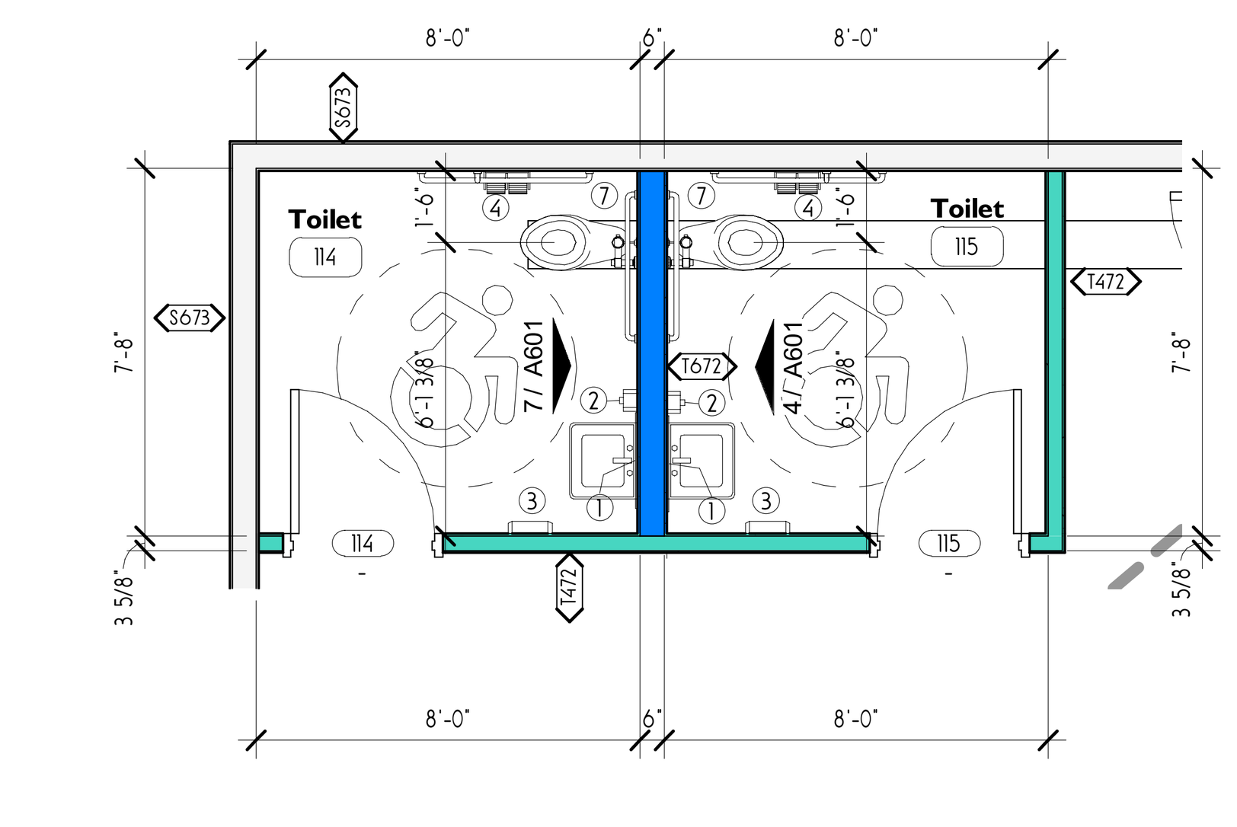
11 Toilet Paper Dispenser
1" = 1'-0"



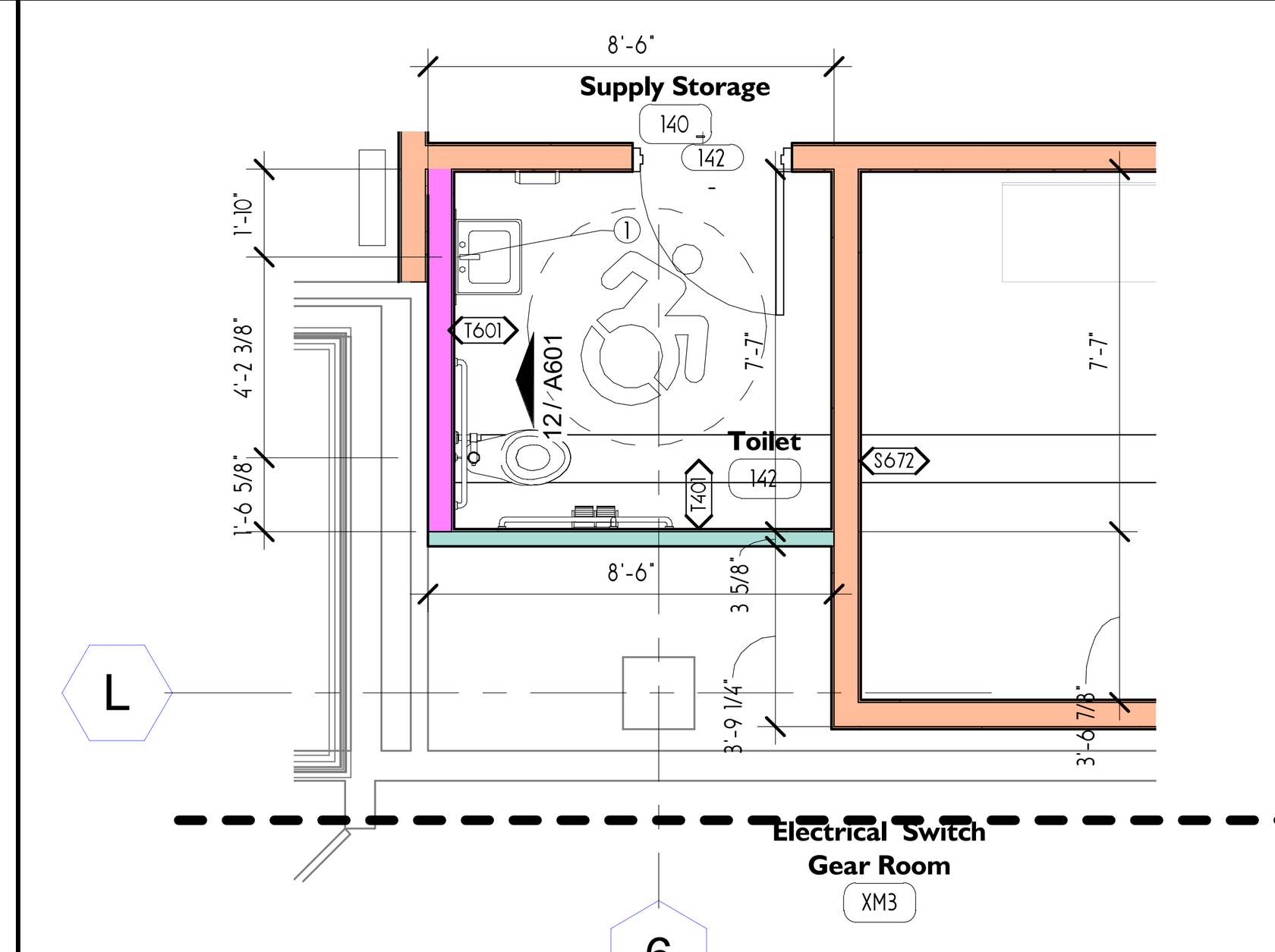
6 Typ. ADA Drinking Ftn & Mounting Heights
1" = 1'-0" A601



5 Enlarged Locker Room Plan
1/4" = 1'-0" A101



13 Enlarged Office Toilet Room Plan
1/4" = 1'-0" A101

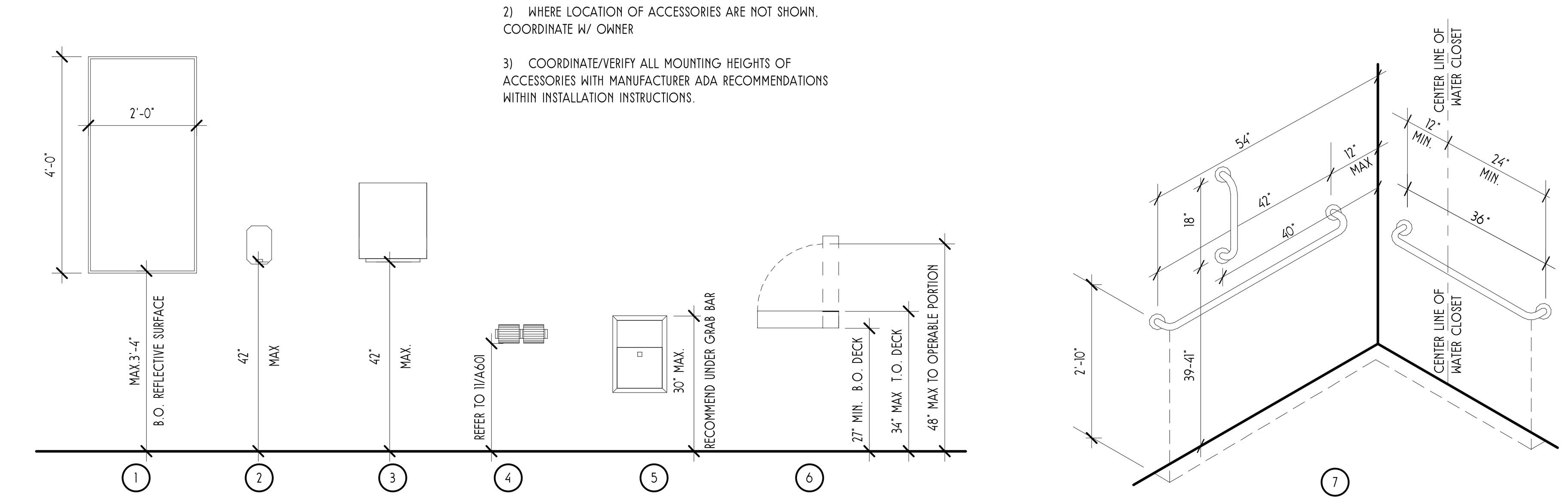


14 Warehouse Restroom Plan
1/4" = 1'-0" A102

1) ALL ACCESSORIES TO BE INSTALLED BY CONTRACTOR. OWNER TO SELECT ALL BATHROOM ACCESSORIES

2) WHERE LOCATION OF ACCESSORIES ARE NOT SHOWN, COORDINATE W/ OWNER

3) COORDINATE/VERIFY ALL MOUNTING HEIGHTS OF ACCESSORIES WITH MANUFACTURER ADA RECOMMENDATIONS WITHIN INSTALLATION INSTRUCTIONS.



Accessory Mounting Heights
1/2" = 1'-0"

Toilet Accessory Schedule

Number	Description
1	FRAMED GLASS MIRROR
2	SOAP DISPENSER
3	AUTOMATIC PAPER TOWEL DISPENSER
4	TOILET TISSUE DISPENSER
5	SANITARY NAPKIN DISPOSAL
7	BOBRICK B-5806 x 18 x 36 and x 42
FE	
FEC	
M	
TV	

1) FLUSH CONTROLS AT WATER CLOSETS SHALL BE MOUNTED ON "WIDE" SIDE AND NOT EXCEED 42" A.F.F.

2) TOE CLEARANCES AT TOILET STALLS SHALL BE 9" MIN.

3) DOORS AT ACCESSIBLE TOILET STALLS SHALL HAVE A 32" MIN. CLEAR OPENING.

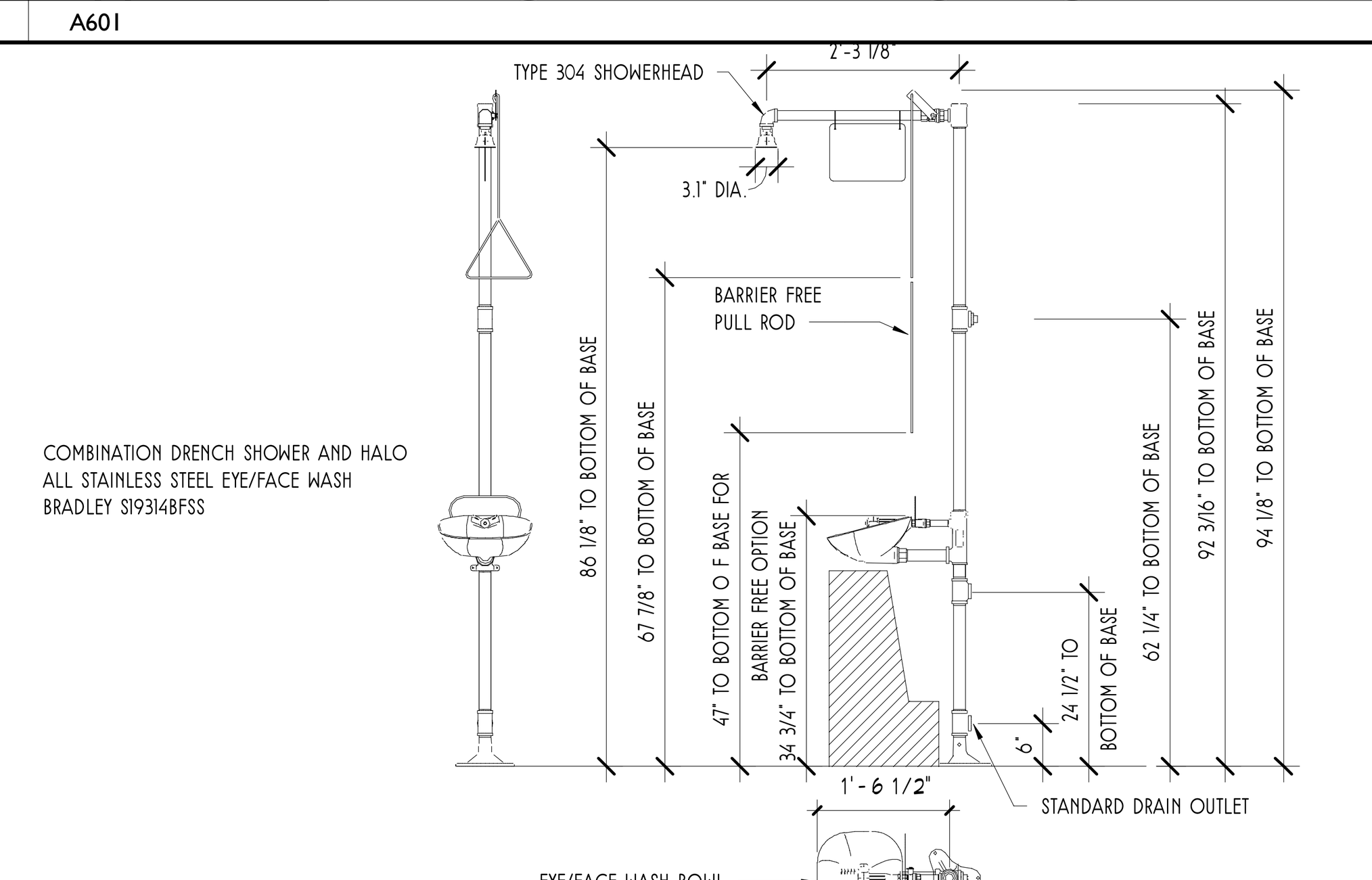
4) ALL CONTROLS, DISPENSERS AND RECEPTACLES SHALL BE LOCATED NO HIGHER THAN 48" A.F.F.

5) DEPTH OF SINKS SHALL BE A MAX. OF 6-1/2"

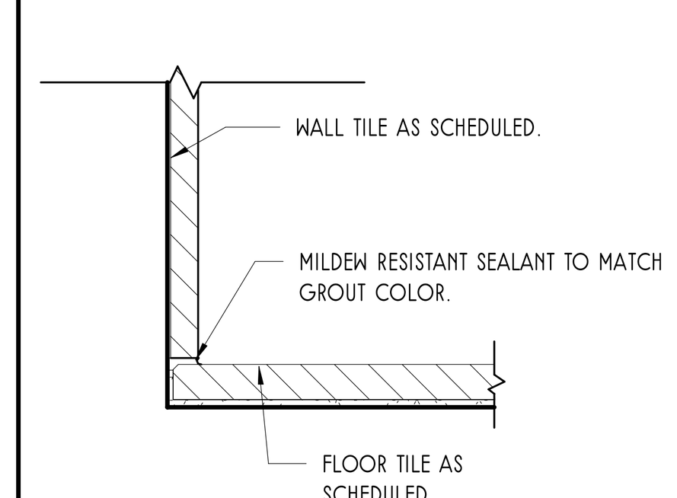
6) FAUCETS THAT ARE LEVER-OPERATED, PUSH-TYPE, TOUCH-TYPE, OR ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE DESIGNS.

7) ALL SIGNAGE SHALL COMPLY WITH ACCESSIBILITY STANDARDS.

8) ALL CONSTRUCTION IS TO COMPLY WITH LOCAL ACCESSIBILITY STANDARDS AND CODES. IF A CONFLICT EXISTS BETWEEN THE ACCESSIBILITY STANDARDS AND DRAWINGS, THE ACCESSIBILITY STANDARDS SHALL PREVAIL. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICT PRIOR TO MAKING CHANGES IN THE FIELD.

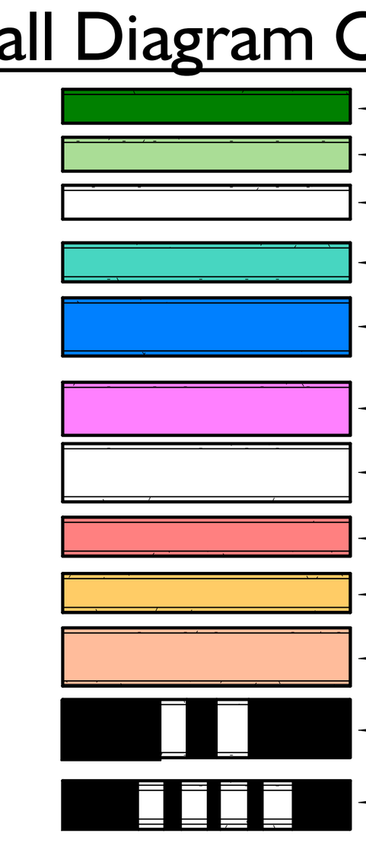


9 Emergency Eye Wash
1/2" = 1'-0"



8 Typical Tile Base
3" = 1'-0"

Wall Diagram Color Chart



REFER TO A001 FOR PARTITION WALL ASSEMBLY

***FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK**

***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**

CONSULTANT

STAMP

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Revision Schedule

#	Description	Date

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DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

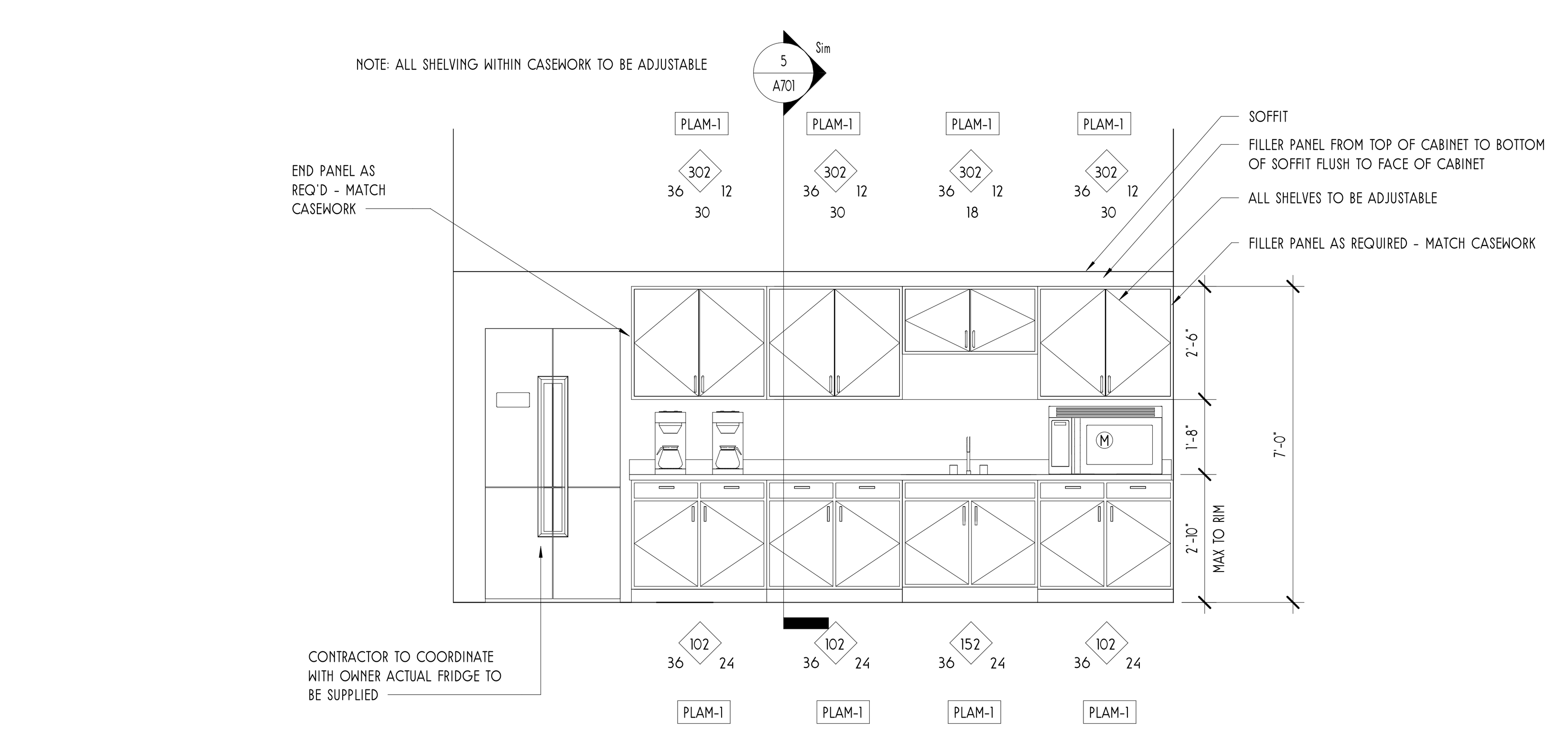
PROJECT INFORMATION

Toilet Room Plans and Details

SHEET TITLE

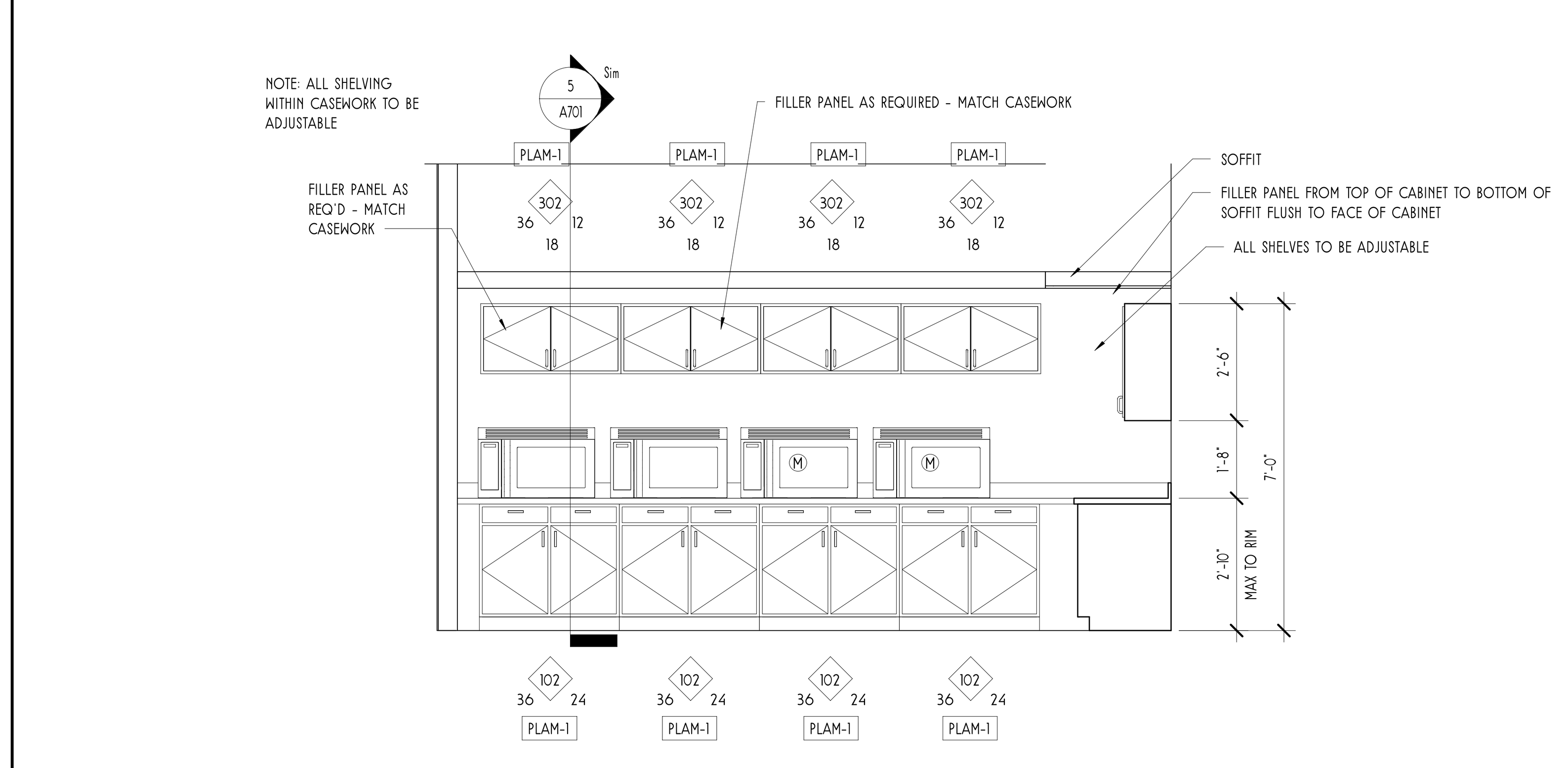
A601

SHEET NUMBER



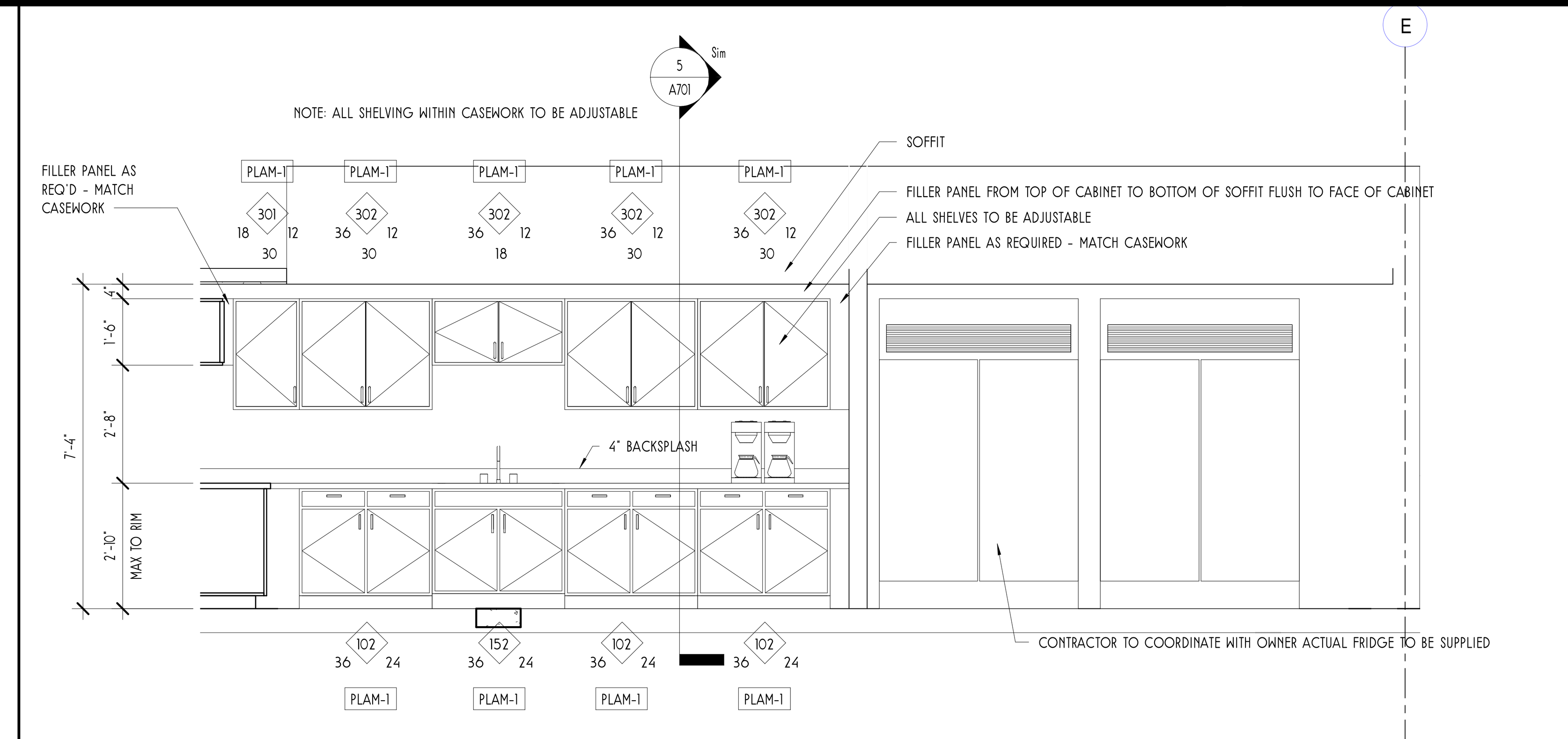
1 Kitchenette Elevation

3/8" = 1'-0" A101



4 Break Room Casework 1

3/8" = 1'-0" A701



3 Break Room Casework 2

3/8" = 1'-0" A701

GENERAL NOTE:

1. BLOCKING SHALL BE INSTALLED AS SHOWN AND AS REQUIRED BY ANSI SECTION 606. REFER TO SHEET A003 FOR REQUIRED BLOCKING AND TYPICAL WOOD FRAMING WALL DETAILS FOR ADDITIONAL INFORMATION.

2. FAUCET CONTROLS SHALL BE LOCATED AS SHOWN. LAVATORY SHALL HAVE LEVER HAND SET.
3. FLOOR FINISH TO TERMINATE AT CASEWORK. CASEWORK TO BE REPLACEABLE AT HEIGHTS BETWEEN 29" AND 36" OR FIXED AT 34". ADJACENT CABINETS TO HAVE FINISHED END PANELS FACING KNEE SPACE
4. TOILET DISPENSER MOUNTED 26" AFF. AND 7"-9" FROM EDGE OF TOILET SEAT
5. ALL UPPER AND LOWER CABINETS WITH EXPOSED SIDES TO HAVE END PANEL.
6. PROVIDE FILLER PANEL AT ENDS AND CORNERS OF CASEWORK, COMPLETE

100 — CASEWORK SERIES (PER NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS)
24" — DEPTH
34" — HEIGHT TO TOP OF COUNTER, COORDINATE WITH FLOOR FINISH AND COUNTER THICKNESS, TYP.
36" — WIDTH

Glass Marking

§ 47.7 MARKING.

ALL TRANSPARENT GLASS DOORS AND FIXED ADJACENT TRANSPARENT GLASS SIDELIGHTS SHALL BE MARKED AS HEREINAFTER REQUIRED, REGARDLESS OF THE TYPE OF GLAZING MATERIAL USED IN THEIR CONSTRUCTION. MARKING OF ALL TRANSPARENT GLASS DOORS AND FIXED ADJACENT TRANSPARENT GLASS SIDELIGHTS WITHIN SIX FEET HORIZONTALLY SHALL BE OF AN OPAQUE NATURE PLACED AS HEREINAFTER DESCRIBED IN SECTION 47.8 BELOW AND SHALL BE OF SUCH A DESIGN AS TO BE READILY DISCERNIBLE TO ANY PERSON APPROACHING THE DOORS AND SIDELIGHTS FROM ANY DIRECTION.

§ 47.8 MARKING LOCATIONS.

TRANSPARENT GLASS DOORS AND FIXED ADJACENT TRANSPARENT GLASS SIDELIGHTS SHALL BE MARKED IN TWO AREAS ON THE GLASS SURFACE THEREOF. ONE SUCH AREA SHALL BE LOCATED AT LEAST 30, BUT NOT MORE THAN 36 INCHES AND THE OTHER AT LEAST 60, BUT NOT MORE THAN 66 INCHES ABOVE THE GROUND, FLOOR OR EQUIVALENT SURFACE BELOW THE DOOR OR SIDELIGHT.

EXCEPTIONS: 1. TRANSPARENT GLASS DOORS AND FIXED ADJACENT TRANSPARENT GLASS SIDELIGHTS SHALL BE EXEMPT FROM THE UPPER AREA MARKING REQUIREMENT (60 TO 66 INCHES ABOVE THE GROUND, FLOOR OR EQUIVALENT SURFACE) IF THEY ARE PROVIDED WITH HORIZONTAL SEPARATION BARS, MUNTIN BARS OR EQUIVALENT AT LEAST ONE AND ONE-HALF INCHES IN VERTICAL DIMENSION THAT EXTEND ACROSS THE TOTAL WIDTH OF THE GLAZED AREA AND ARE LOCATED AT LEAST 40, BUT NOT MORE THAN 50 INCHES ABOVE THE BOTTOM OF THE DOOR OR SIDELIGHT. BACK

§ 47.9 MARKING DIMENSIONS.

THE MARKING DESIGN SHALL BE AT LEAST FOUR INCHES IN DIAMETER IF CIRCULAR OR FOUR INCHES IN ITS LEAST DIMENSION IF ELLIPTICAL OR POLYGONAL, OR SHALL BE AT LEAST 12 INCHES IN HORIZONTAL DIMENSION IF THE MARKING IS LESS THAN FOUR INCHES IN ITS LEAST DIMENSION. IN NO EVENT SHALL THE VERTICAL DIMENSION OF ANY MARKING INCLUDING LETTERING BE LESS THAN ONE AND ONE-HALF INCHES IN HEIGHT. BACK

§ 47.10 MARKING METHODS.

(A) IN ADDITION TO HORIZONTAL MUNTIN BARS, SEPARATION BARS OR EQUIVALENT, ANY OF THE FOLLOWING METHODS MAY BE USED TO ALERT PERSONS TO THE PRESENCE OF TRANSPARENT GLASS DOORS AND FIXED ADJACENT TRANSPARENT GLASS SIDELIGHTS IN THEIR PATH OF MOVEMENT:

(1) CHEMICAL ETCHING:

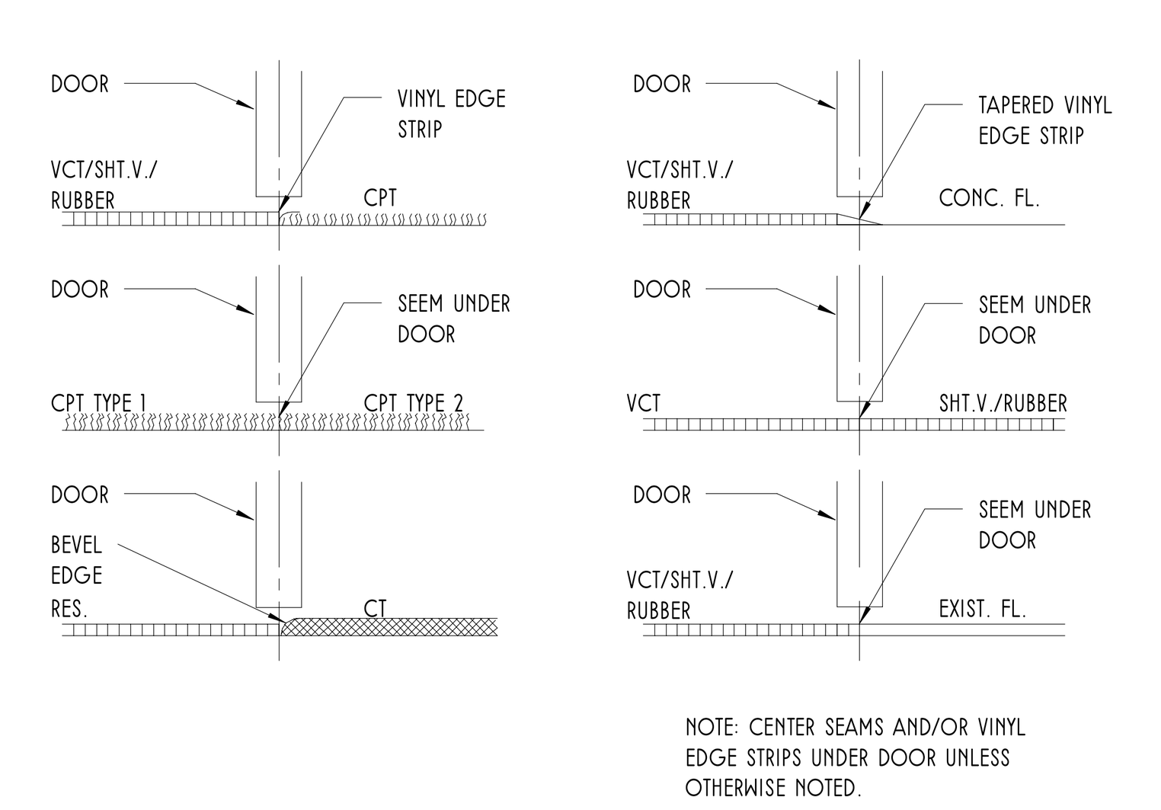
(2) SANDBLASTING:

(3) ADHESIVE STRIPS NOT LESS THAN ONE AND ONE-HALF INCHES IN VERTICAL DIMENSION EXTENDING ACROSS AT LEAST TWO- THIRDS OF THE TOTAL GLAZED AREA:

(4) DECALS:

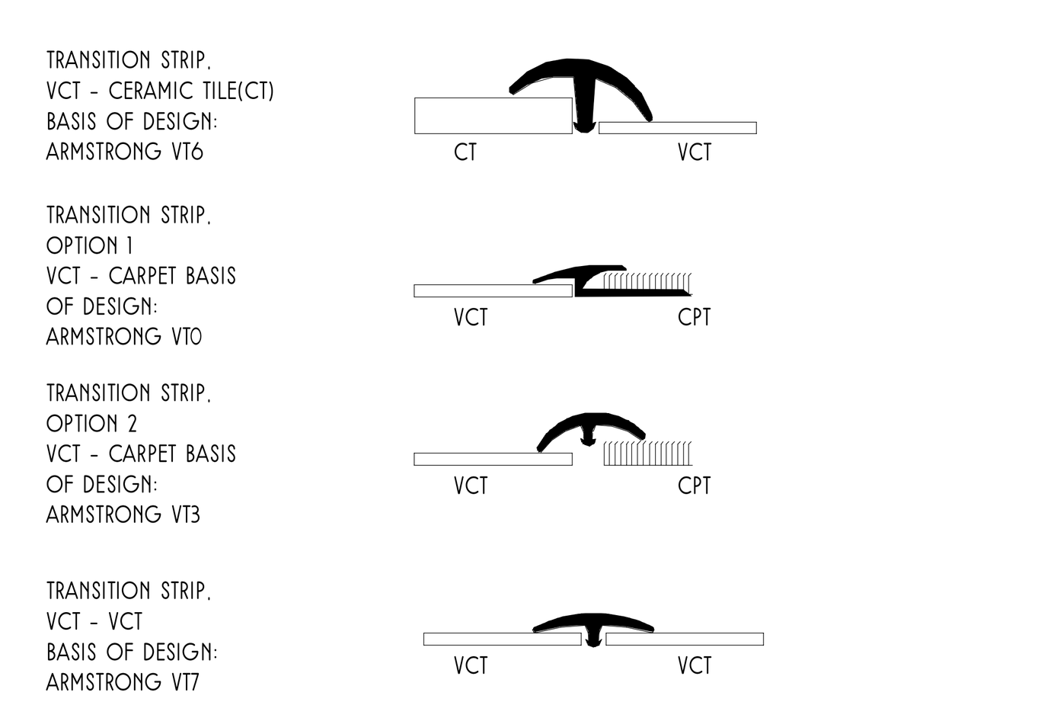
(5) PAINT, GILDING OR OTHER OPAQUE MARKING MATERIALS:

(6) OPAQUE DOOR PULLS OR PUSH BARS EXTENDING ACROSS AT LEAST TWO-THIRDS OF THE TOTAL WIDTH OF THE GLAZED AREA.



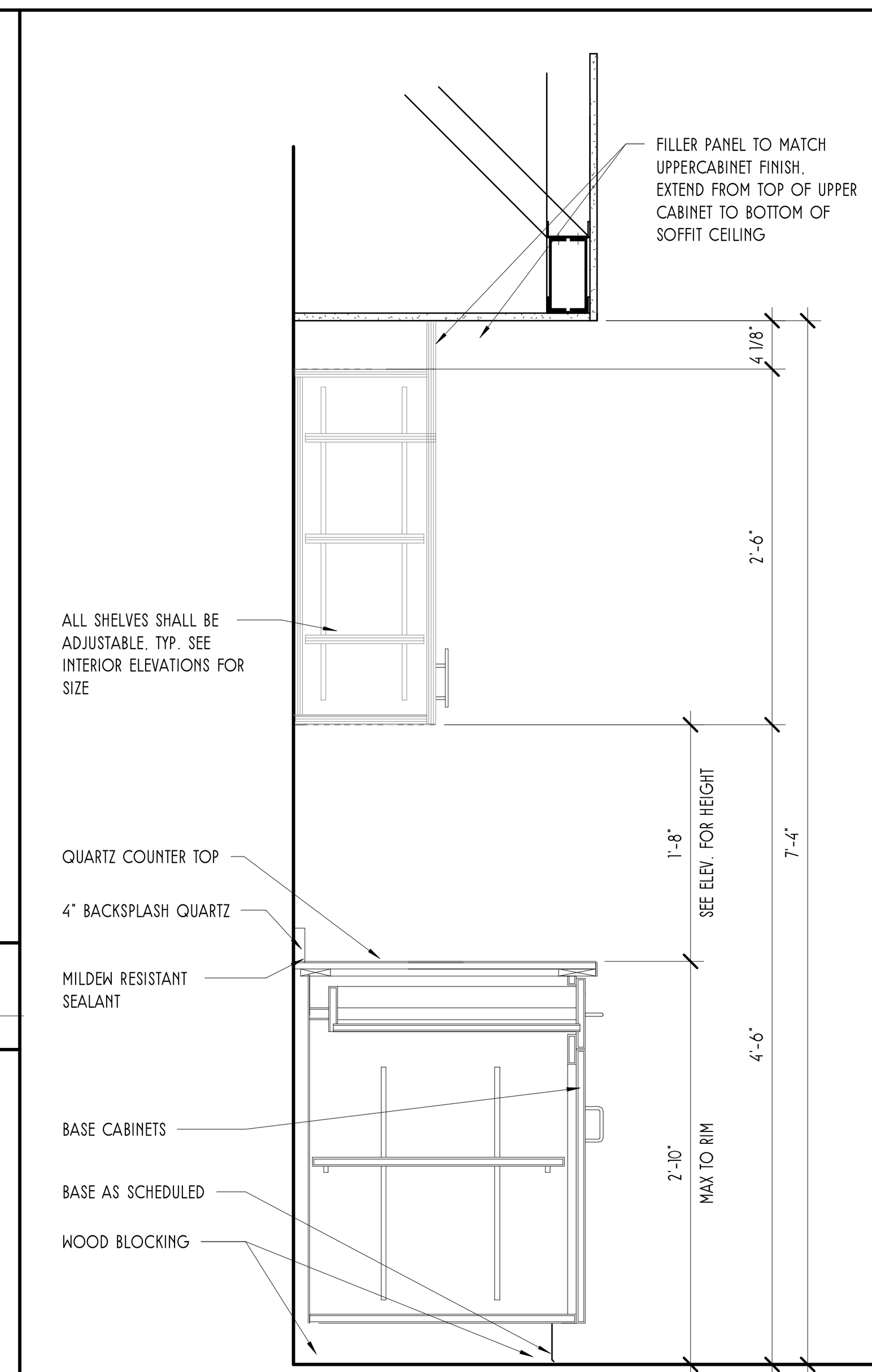
12 Floor Transitions Under Door

3/4" = 1'-0"



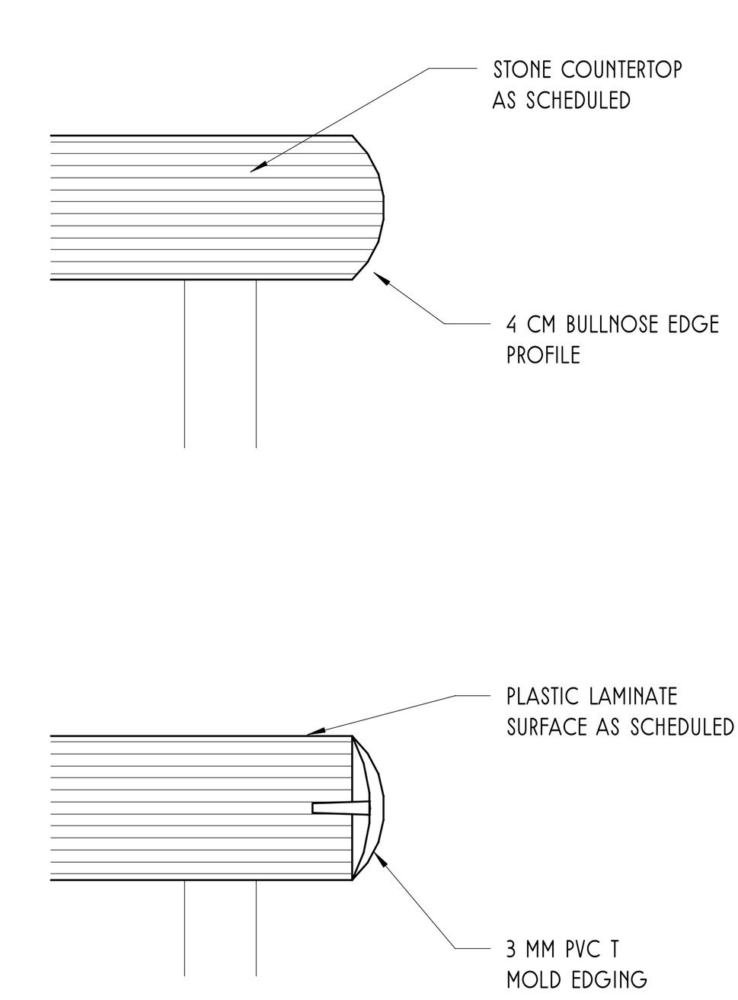
9 Transition Strip Details

6" = 1'-0"



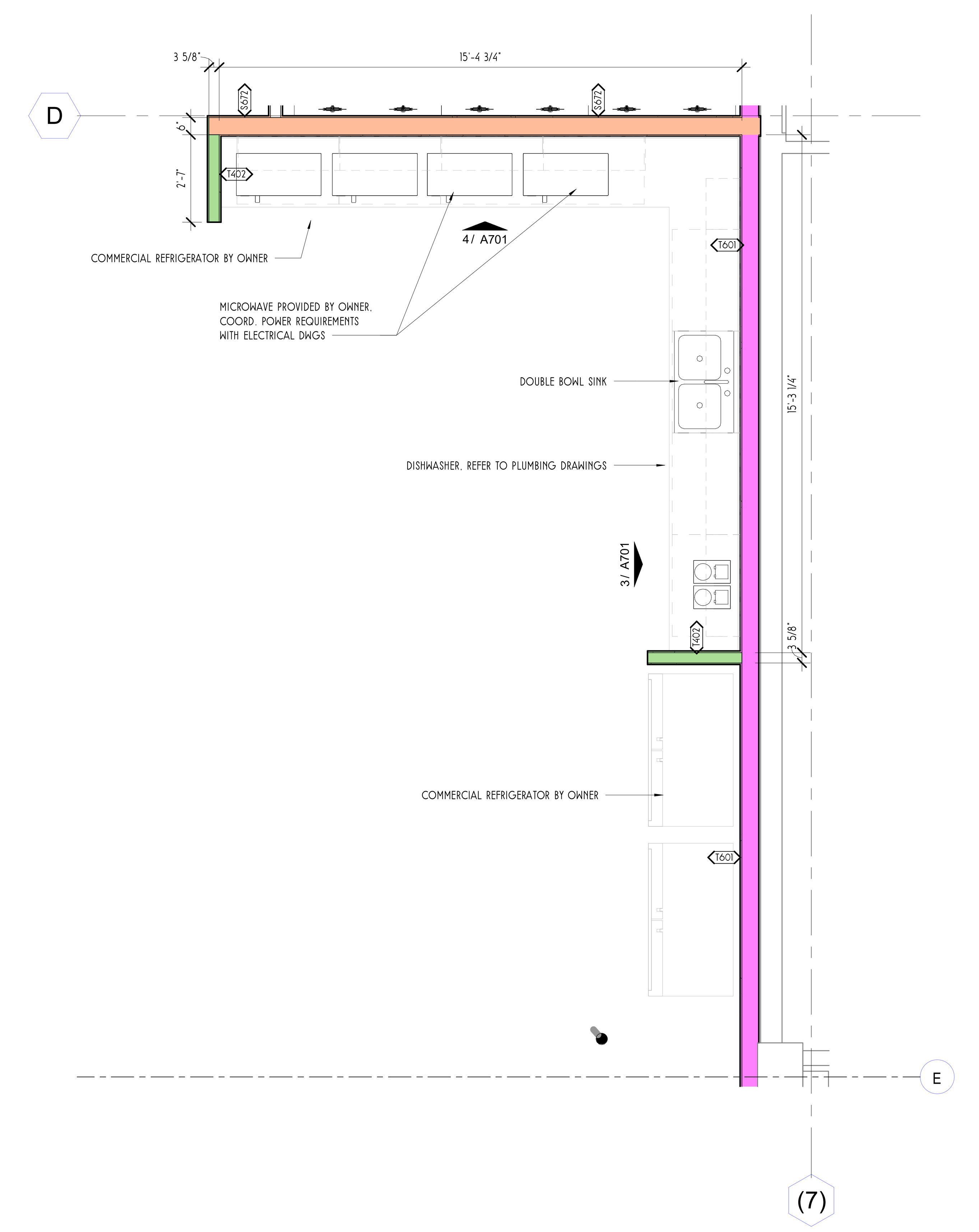
5 Casework w/ Overhead Section

1" = 1'-0" A701



6 Typ. Edge at Casework

6" = 1'-0"

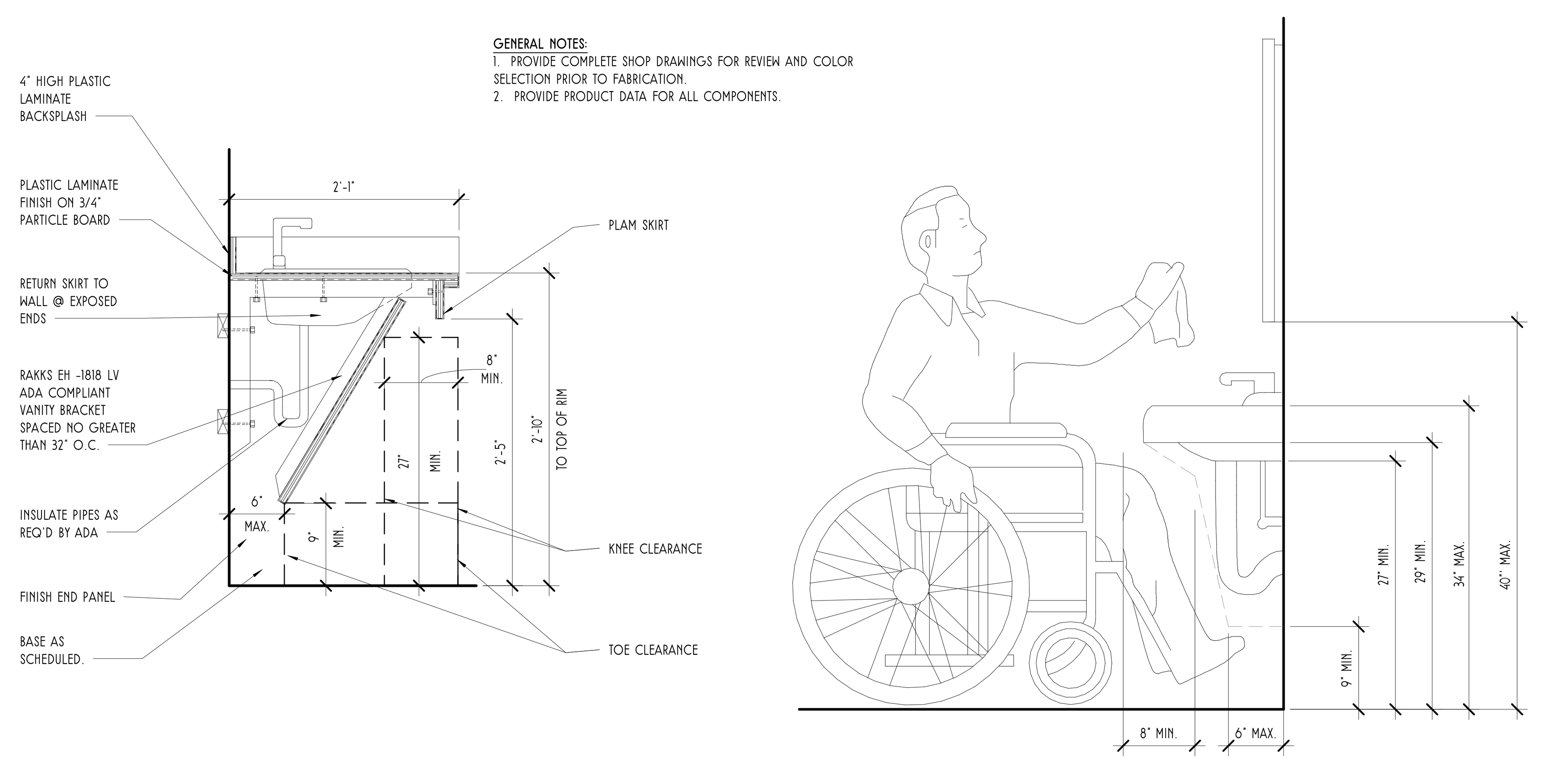


2 Break Room Kitchenette Plan

3/8" = 1'-0" A101

NOTE: COORDINATE SURFACE FINISHES WITH OWNER

GENERAL NOTES:
1. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND COLOR SELECTION PRIOR TO FABRICATION.
2. PROVIDE PRODUCT DATA FOR ALL COMPONENTS.



7 ADA Casework Section

1" = 1'-0" A601

Revision Schedule		
#	Description	Date

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ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

CONSULTANT

STAMP

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ARCHITECT

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

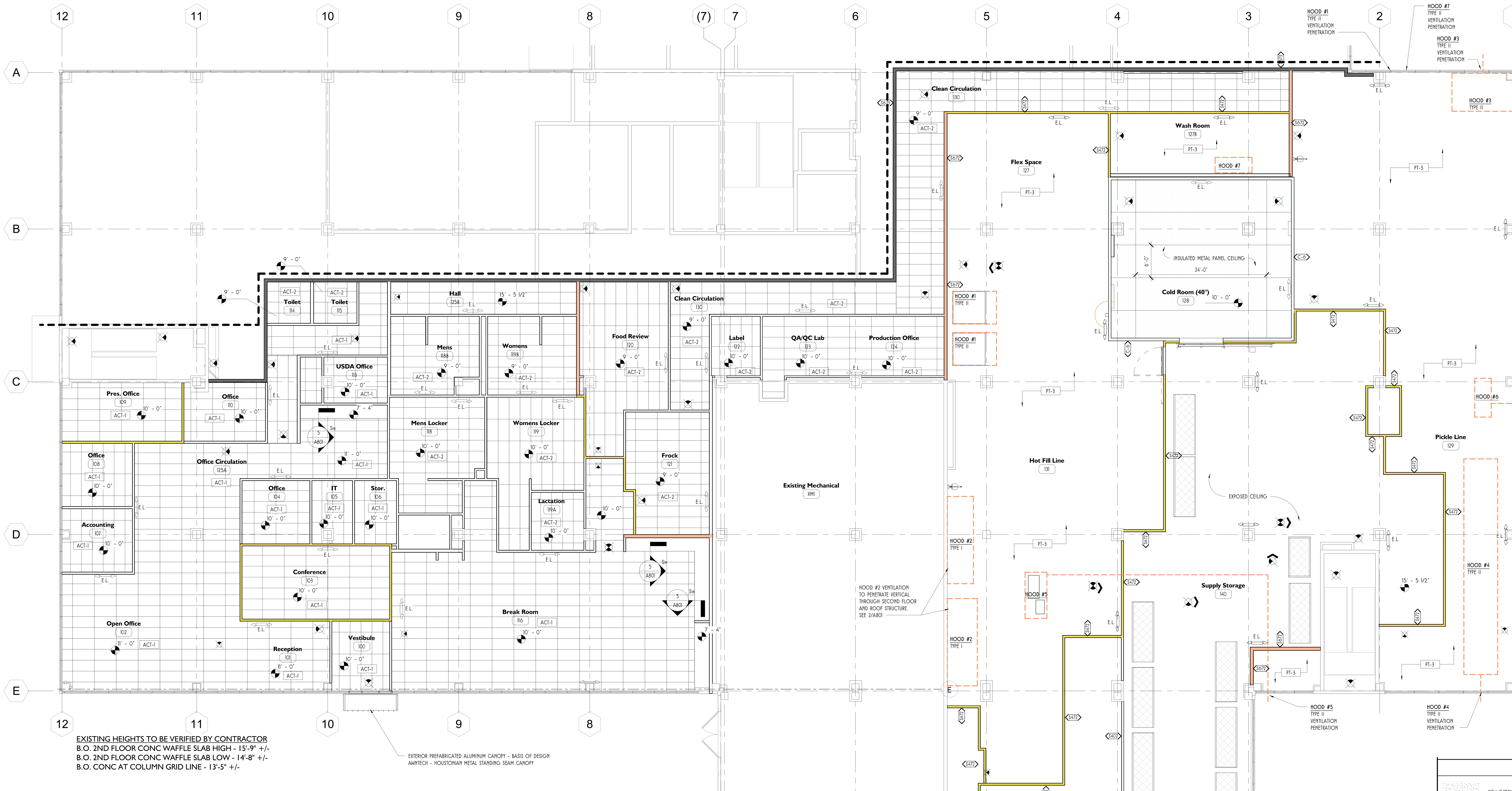
PROJECT INFORMATION

Casework Plans, Elevations, Details

SHEET TITLE

A701

SHEET NUMBER



EXISTING HEIGHTS TO BE VERIFIED BY CONTRACTOR
B.O. 2ND FLOOR CONC WAFFLE SLAB HIGH - 15'-9" +/-
B.O. 2ND FLOOR CONC WAFFLE SLAB LOW - 14'-8" +/-
B.O. CONC AT COLUMN GRID LINE - 13'-5" +/-

HOOD SCHEDULES FOR REFERENCE ONLY ALL CONSTRUCTION BY CAPTIVE AIR AND CONTRACTOR

HOOD #1
TYPE II - BUILT INTO RACK OVEN - NON GREASE LADEN - SIDE WALL PENETRATION OR CLOSEST EXTEROR PENETRATION LOCATION

HOOD #2
TYPE I - GREASE LADEN WELDED INSULATED HOOD CONSTRUCTION WITH DEDICATED MAKE UP AIR. DUCT UP TO ROOF
2 HR RATED DUCT WRAP AT KETTLES
(BY CAPTIVE AIR)

HOOD #3
BRINE TANKS - TYPE II
HOOD DEDICATED TO ODOR (BY CAPTIVE AIR)

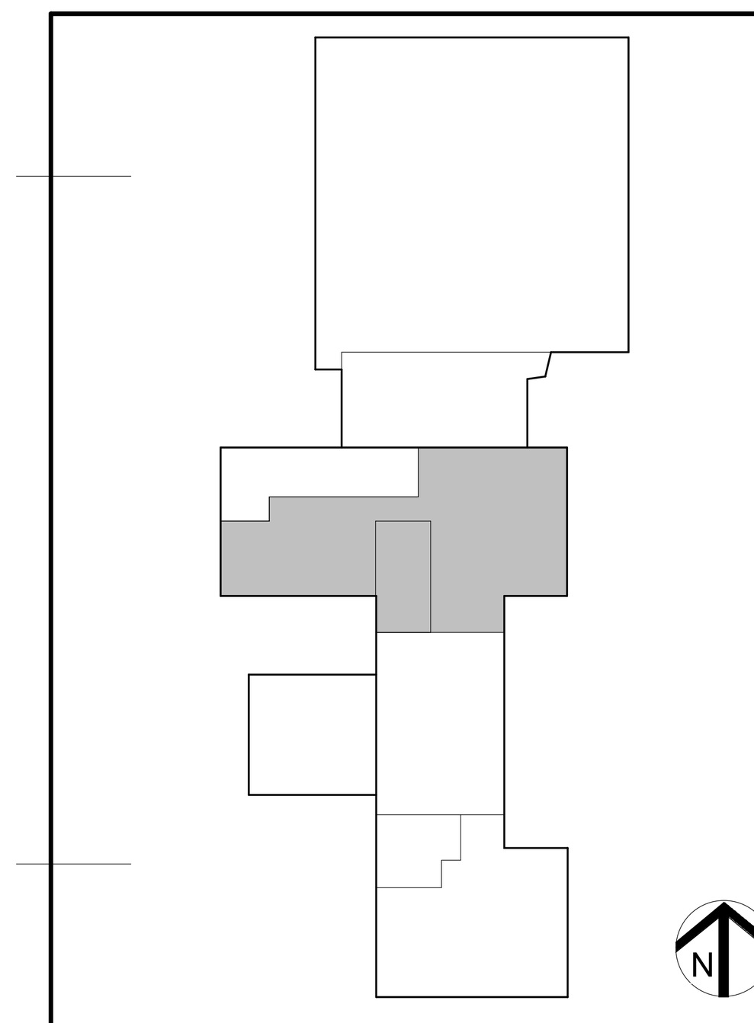
HOOD #4
PASTEURIZER TYPE II
(BY CAPTIVE AIR)

HOOD #5 (EQUIPMENT 32) AND #6 (EQUIPMENT #56)
CAPPERS
(BY CAPTIVE AIR)

HOOD #7

ALL TEMPERING BY CAPTIVE AIR

NOTE: TYPE II HOODS IF HORIZONTAL ARE REQUIRED TO HAVE A PITCH AND SUMP FOR WASH



Key Plan (Not to Scale)

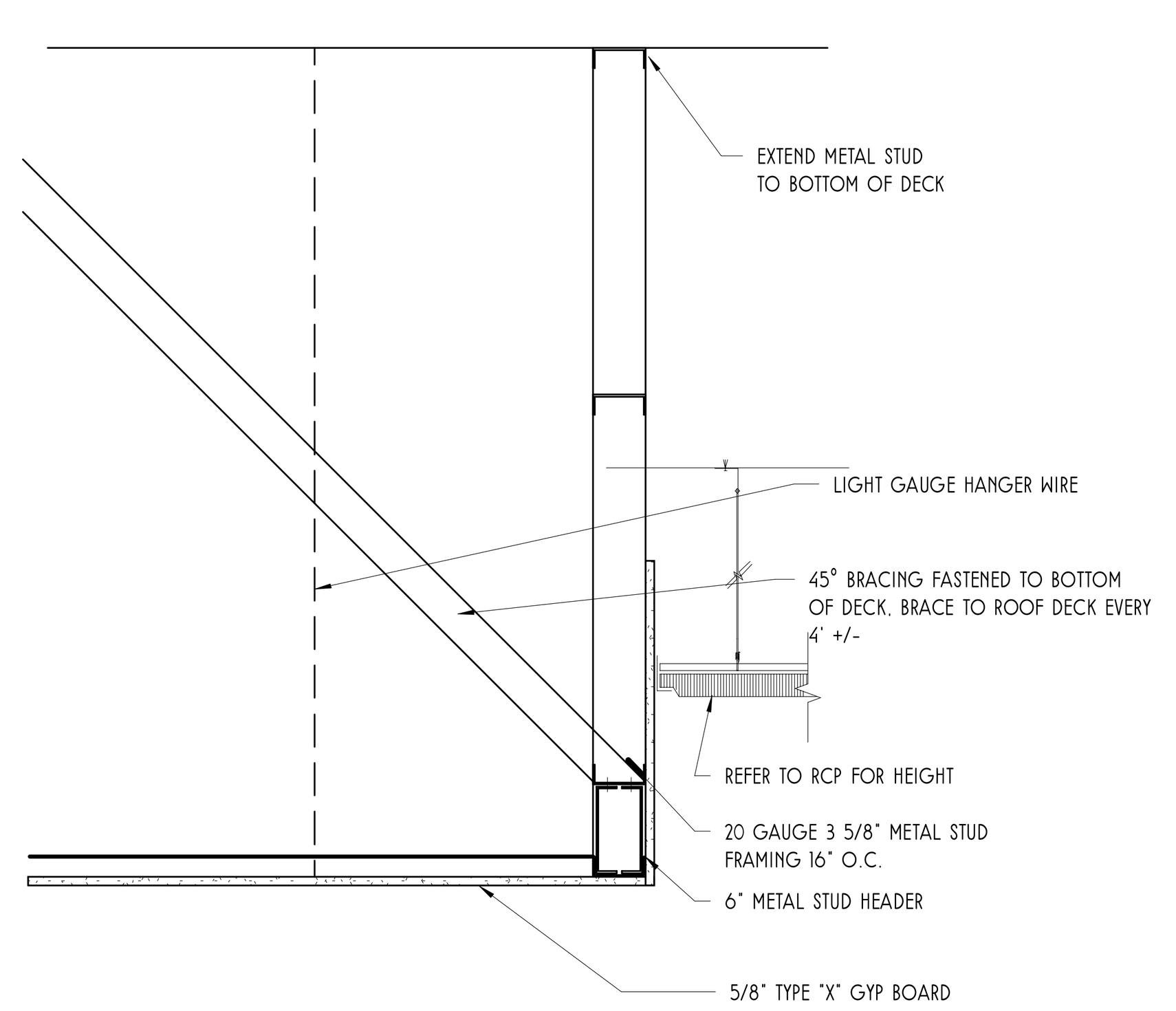
1 | 1 - First Floor RCP - Partial North
1/8" = 1'-0" | A201

RCP Legend

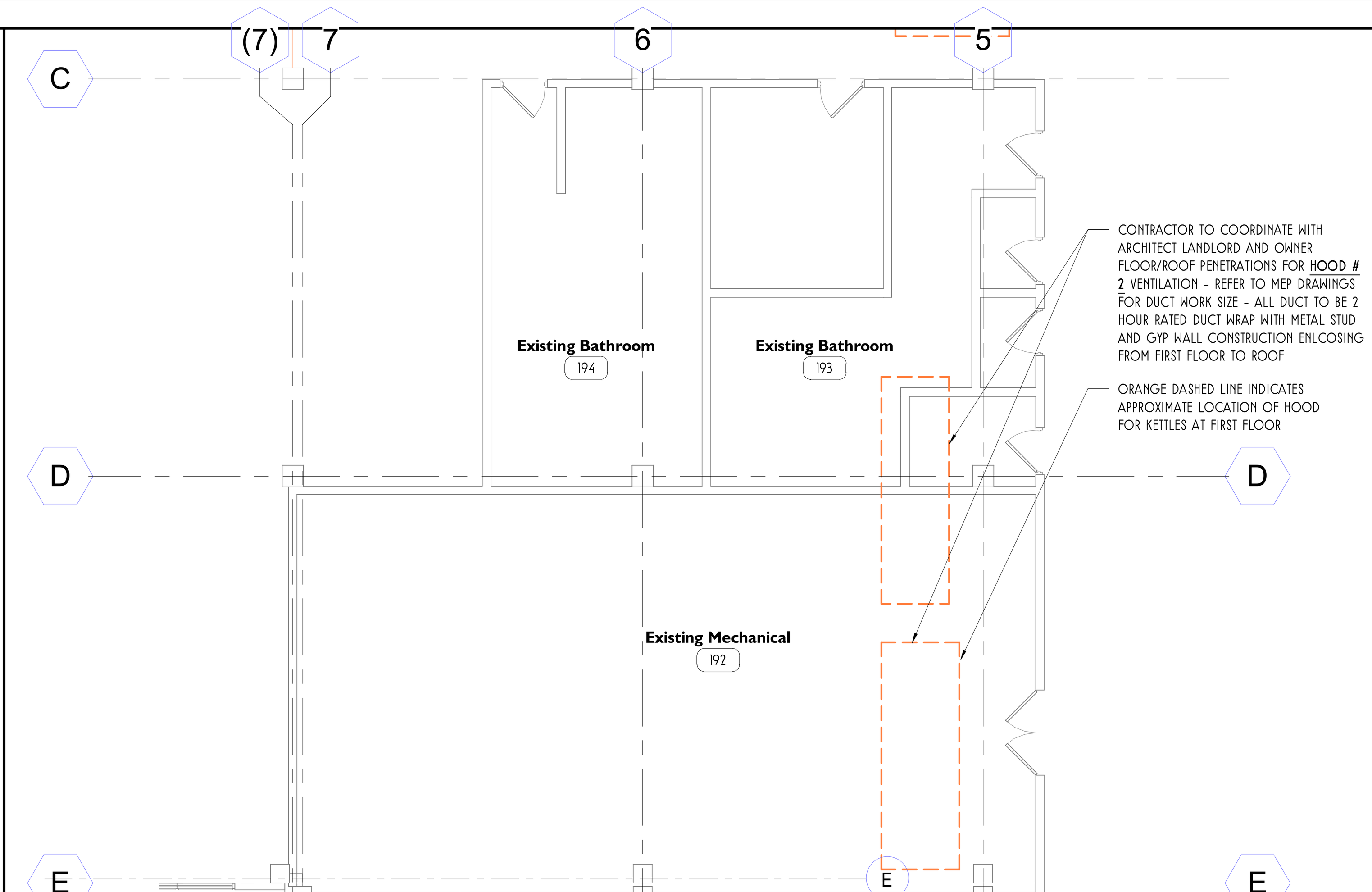
NEW GYPSUM TYPE "C" WALLBOARD CEILING (PAINTED)	EMERGENCY LIGHT
NEW 2X2 ACOUSTICAL TILE CEILING	EXIT SIGN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
NEW 2X4 ACOUSTICAL TILE CEILING	NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
NEW INSULATED METAL PANEL CEILING - (6' X 24' PANEL SIZE)	NEW 2X2 LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
NEW DIFFUSER, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION	SPOT ELEVATION MEASURED TO BOTTOM OF CEILING
NEW RETURN, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION	NEW WATER HOSE REEL (40'-0"). REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION (COVERAGE AREA)

General Ceiling Notes

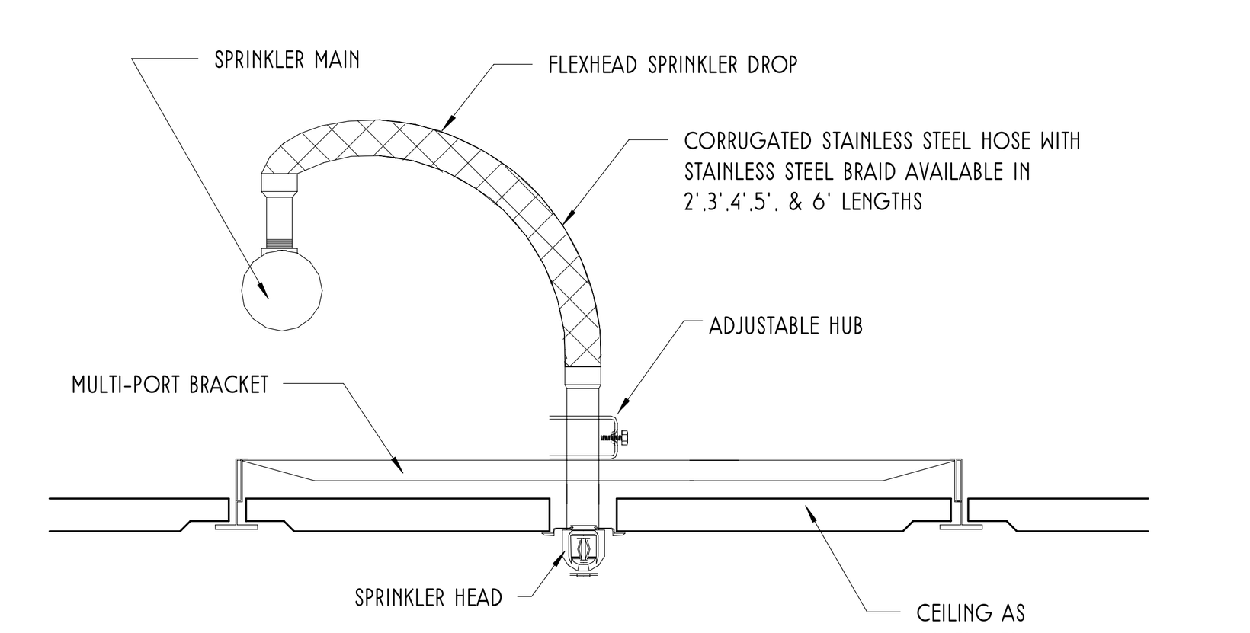
1. LAYOUT ALL NEW CEILING GRIDS WITH SAME NUMBER OF FULL TILES AS SHOWN WITH EQUAL NUMBER OF PARTIAL TILES AT OPPOSITE WALLS UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING LAYOUTS OF AREAS NOT INDICATED ON THIS SHEET.
3. CENTER ALL CEILING MOUNTED DEVICES INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, ETC. IN CENTER OF TILES UNLESS NOTED OTHERWISE



5 | Soffit at Kitchenette
1" = 1'-0" | A801



2 | 2 - Second Floor - Hood #2 Penetrations
1/8" = 1'-0" | A201



NOTE: POP DOWN / CONCEALED SPRINKLER HEAD SHOWN IN ACTIVE POSITION.

4 | Pop Down Sprinkler Head Dtl
6" = 1'-0"

Wall Diagram Color Chart

REFER TO A001 FOR PARTITION WALL ASSEMBLY

CONSULTANT

STAMP

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Six Chelsea Place
Clifton Park NY 12065
T: 518.348.1151
www.SArch3D.com

ARCHITECT

Revision Schedule

#	Description	Date

SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

Reflected Ceiling Plan and Details

SHEET TITLE

A801

SHEET NUMBER

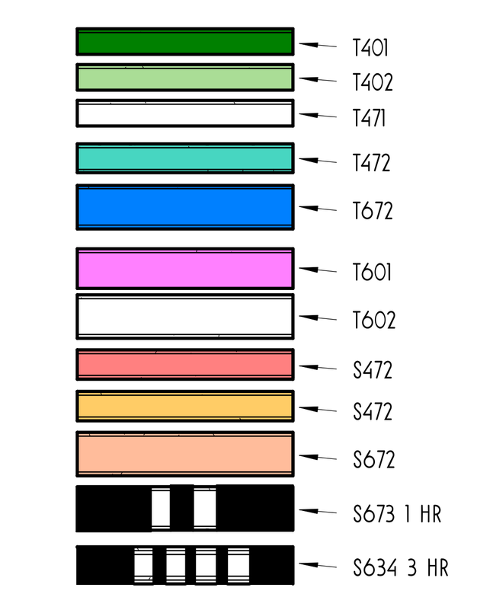
General Ceiling Notes

1. LAYOUT ALL NEW CEILING GRIDS WITH SAME NUMBER OF FULL TILES AS SHOWN WITH EQUAL NUMBER OF PARTIAL TILES AT OPPOSITE WALLS UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING LAYOUTS OF AREAS NOT INDICATED ON THIS SHEET.
3. CENTER ALL CEILING MOUNTED DEVICES INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, ETC. IN CENTER OF TILES UNLESS NOTED OTHERWISE

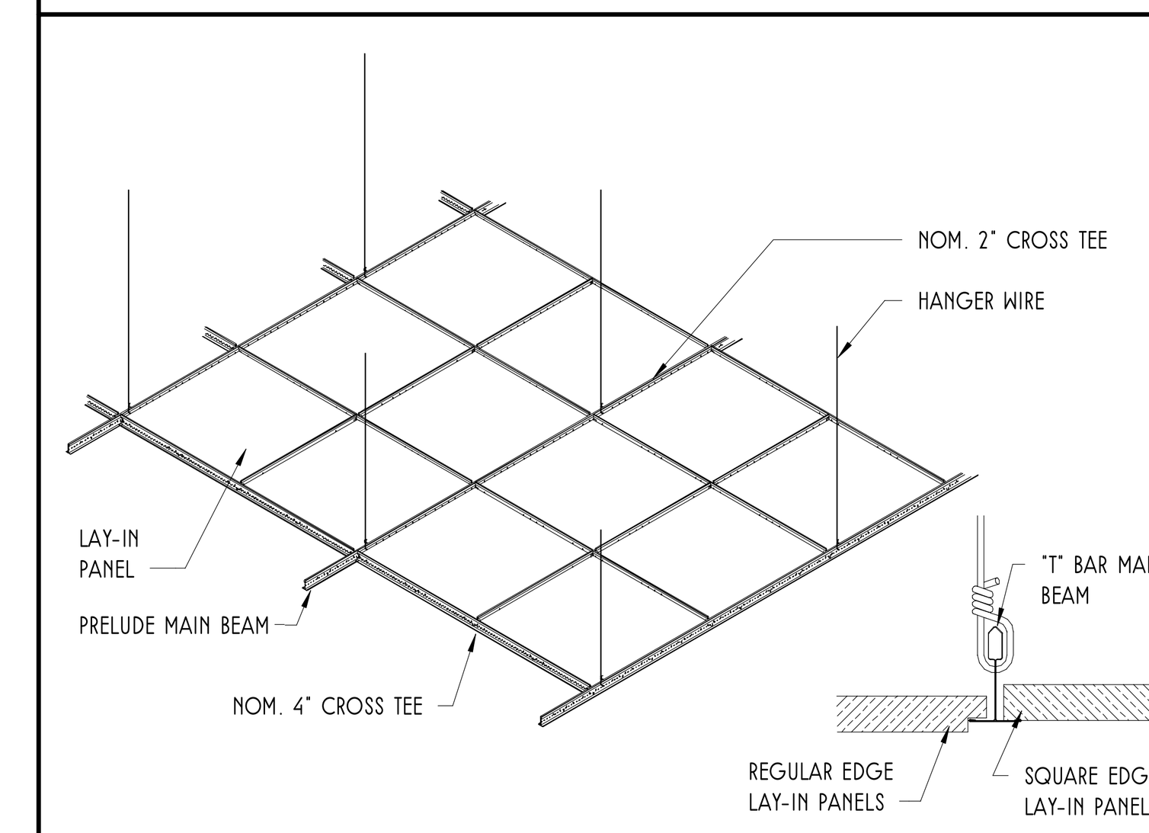
RCP Legend

- NEW GYPSUM TYPE "C" WALLBOARD CEILING (PAINTED)
- NEW 2X2 ACOUSTICAL TILE CEILING
- NEW 2X4 ACOUSTICAL TILE CEILING
- NEW INSULATED METAL PANEL CEILING - (6' X 24' PANEL SIZE)
- NEW DIFFUSER, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- NEW RETURN, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- E.L. EMERGENCY LIGHT
- EXIT SIGN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- NEW 2X2 LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- SPOT ELEVATION MEASURED TO BOTTOM OF CEILING
- NEW WATER HOSE REEL (40'-0"). REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION (COVERAGE AREA)

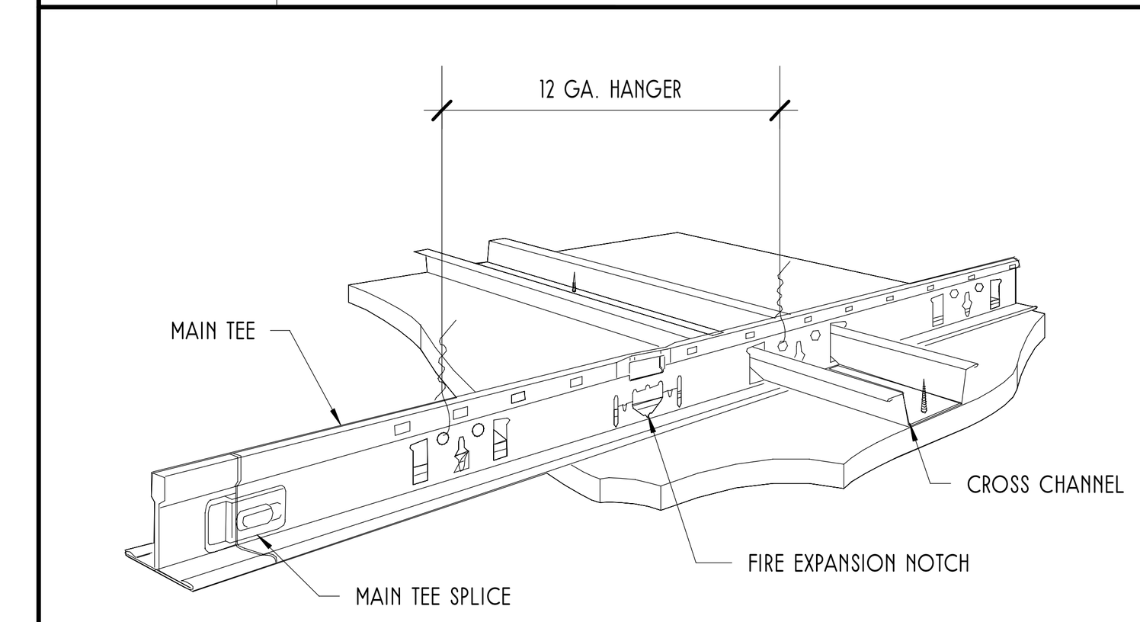
Wall Diagram Color Chart



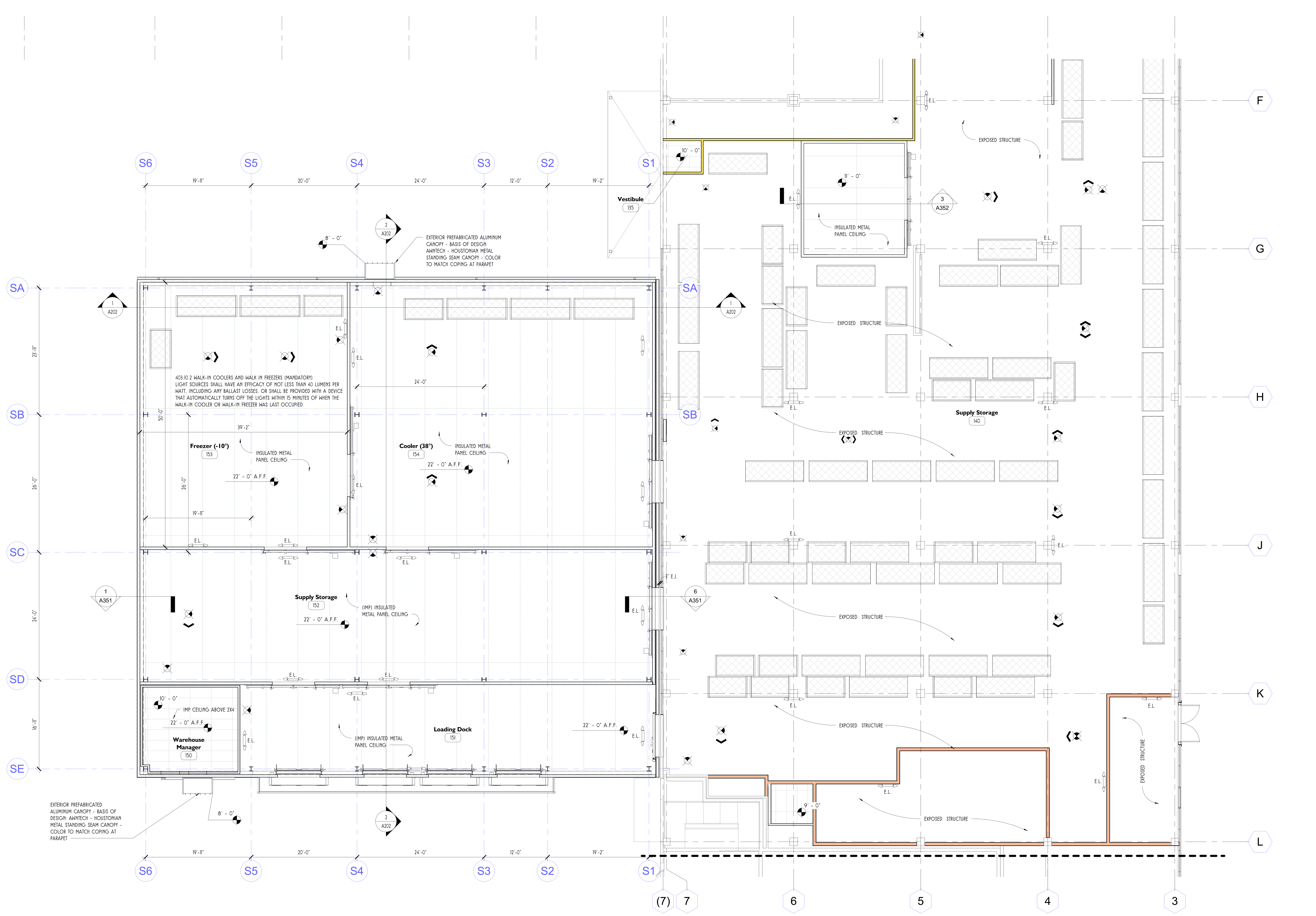
EXISTING HEIGHTS TO BE VERIFIED BY CONTRACTOR
B.O. 2ND FLOOR CONC WAFFLE SLAB HIGH - 15'-9" +/-
B.O. 2ND FLOOR CONC WAFFLE SLAB LOW - 14'-8" +/-
B.O. CONC AT COLUMN GRID LINE - 13'-5" +/-



3 Suspended ACT Detail
3/8" = 1'-0"



2 Suspended GWB Detail
3" = 1'-0"



1 - First Floor RCP - Partial South
1/8" = 1'-0"
A201

CONSULTANT	STAMP	ARCHITECT
		SYVERTSEN RIGOSU architects, Six Chelsea Place, Clifton Park NY 12065, T: 518.348.1151, www.SArch3D.com

Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

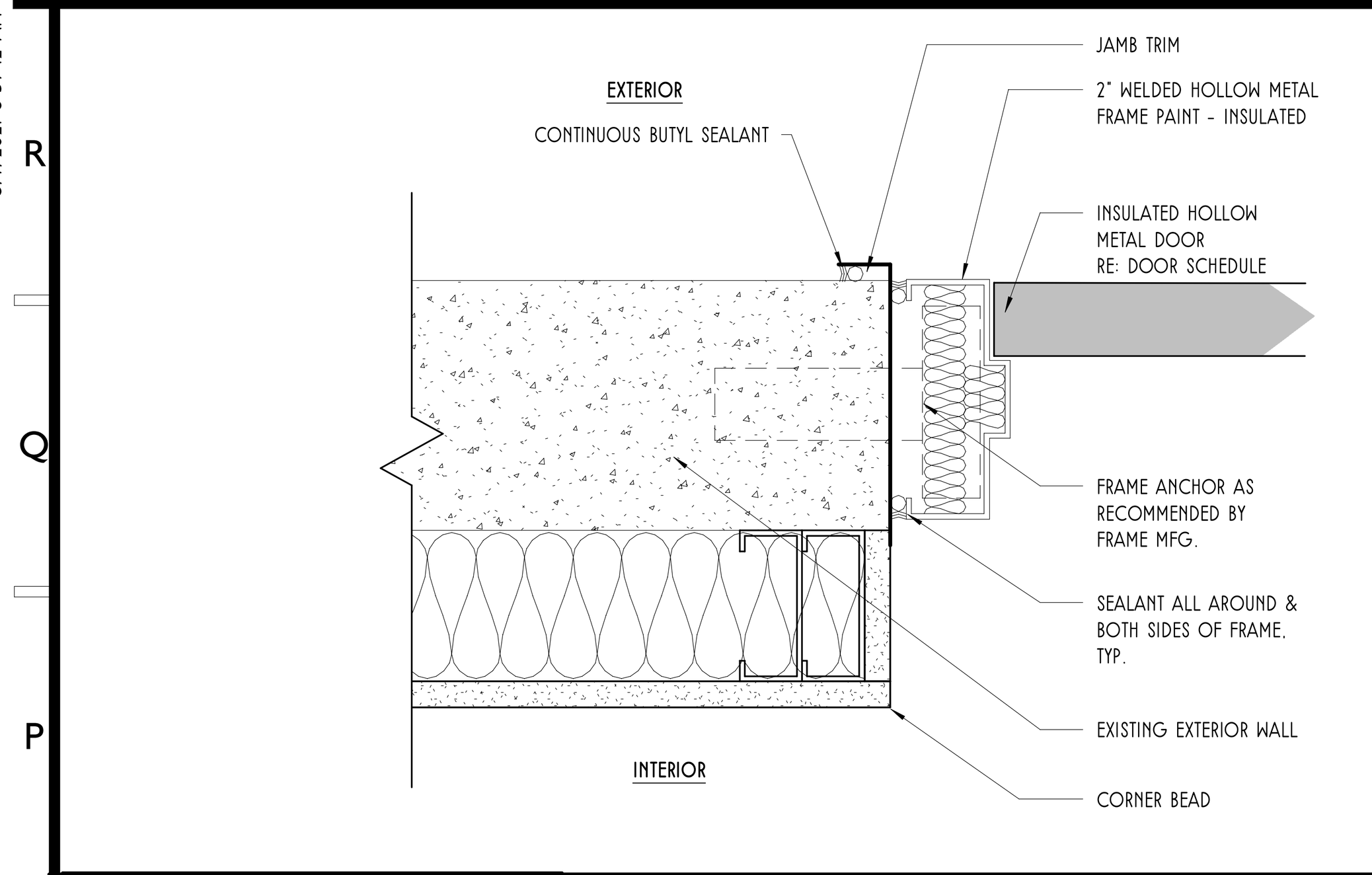
SCALE	As indicated
DRAWN BY	EG

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

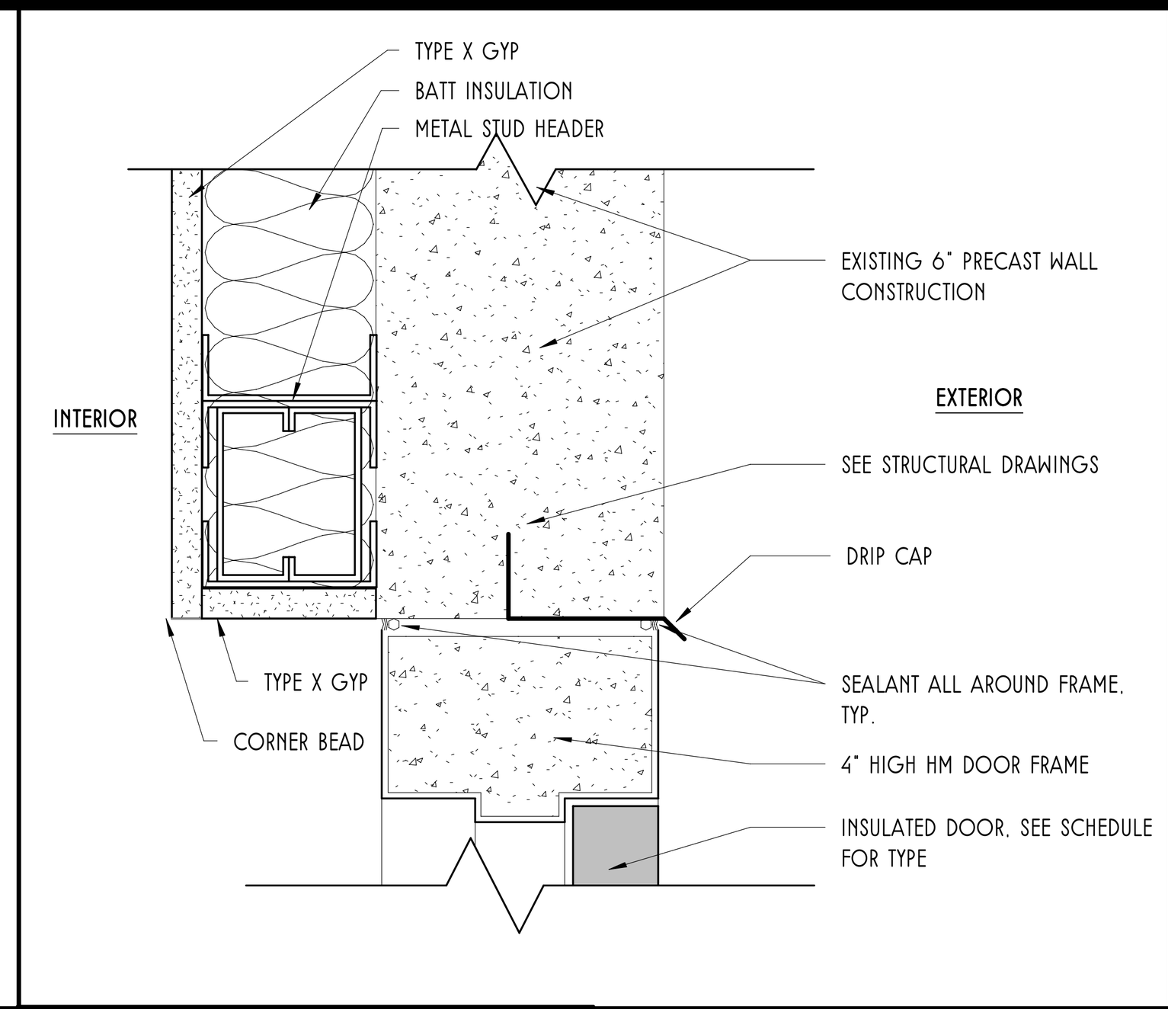
The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

Reflected Ceiling Plan
SHEET TITLE
A802
SHEET NUMBER



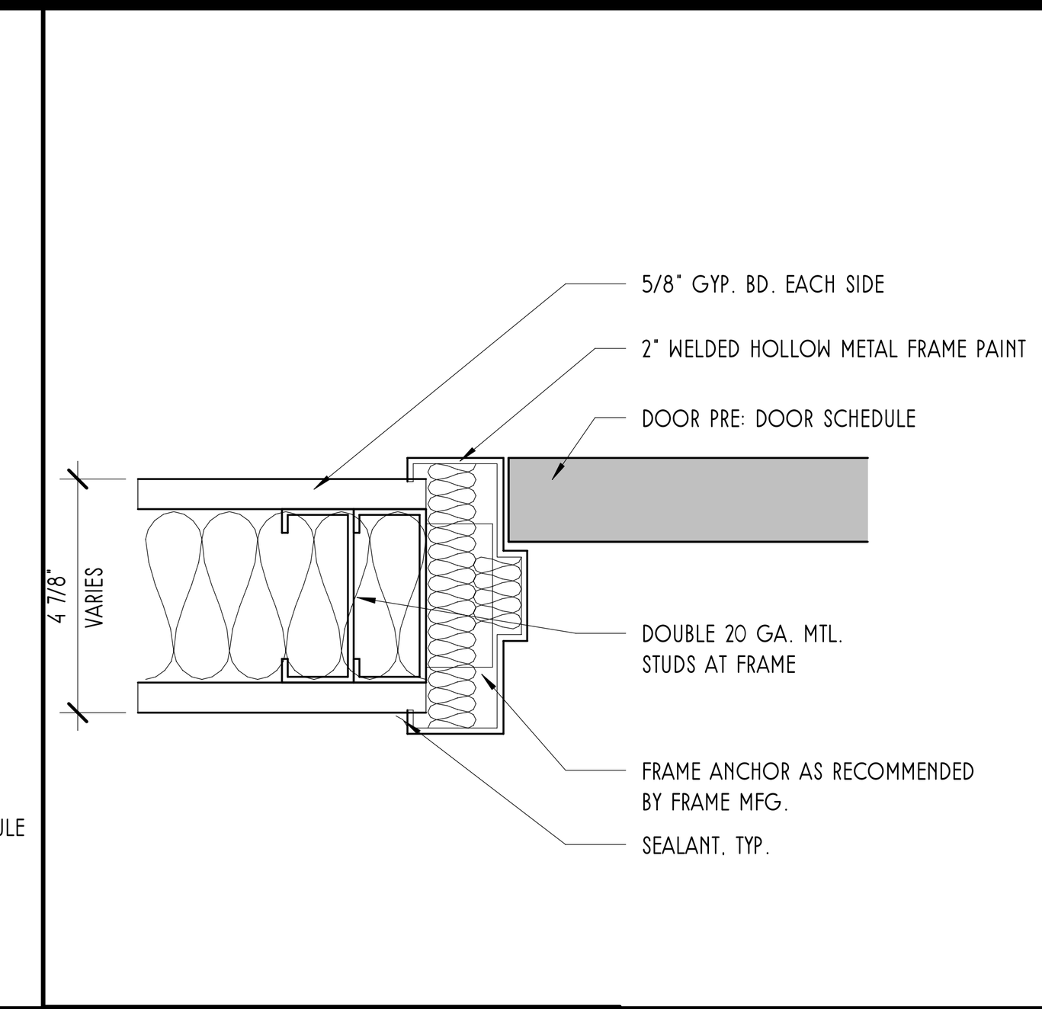
7 HM Door Jamb - at Existing Exterior Wall

3" = 1'-0"



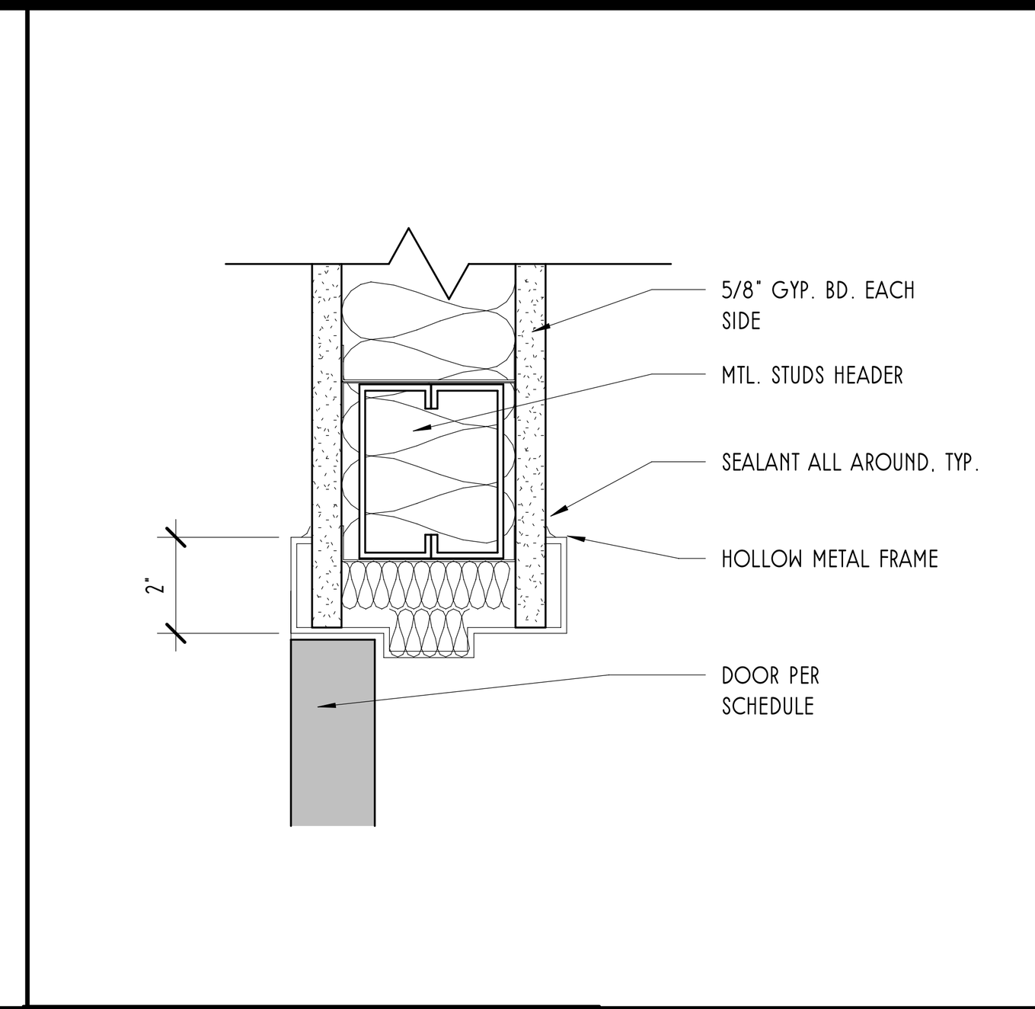
6 HM Door Head - Exist. Ext.

3" = 1'-0"



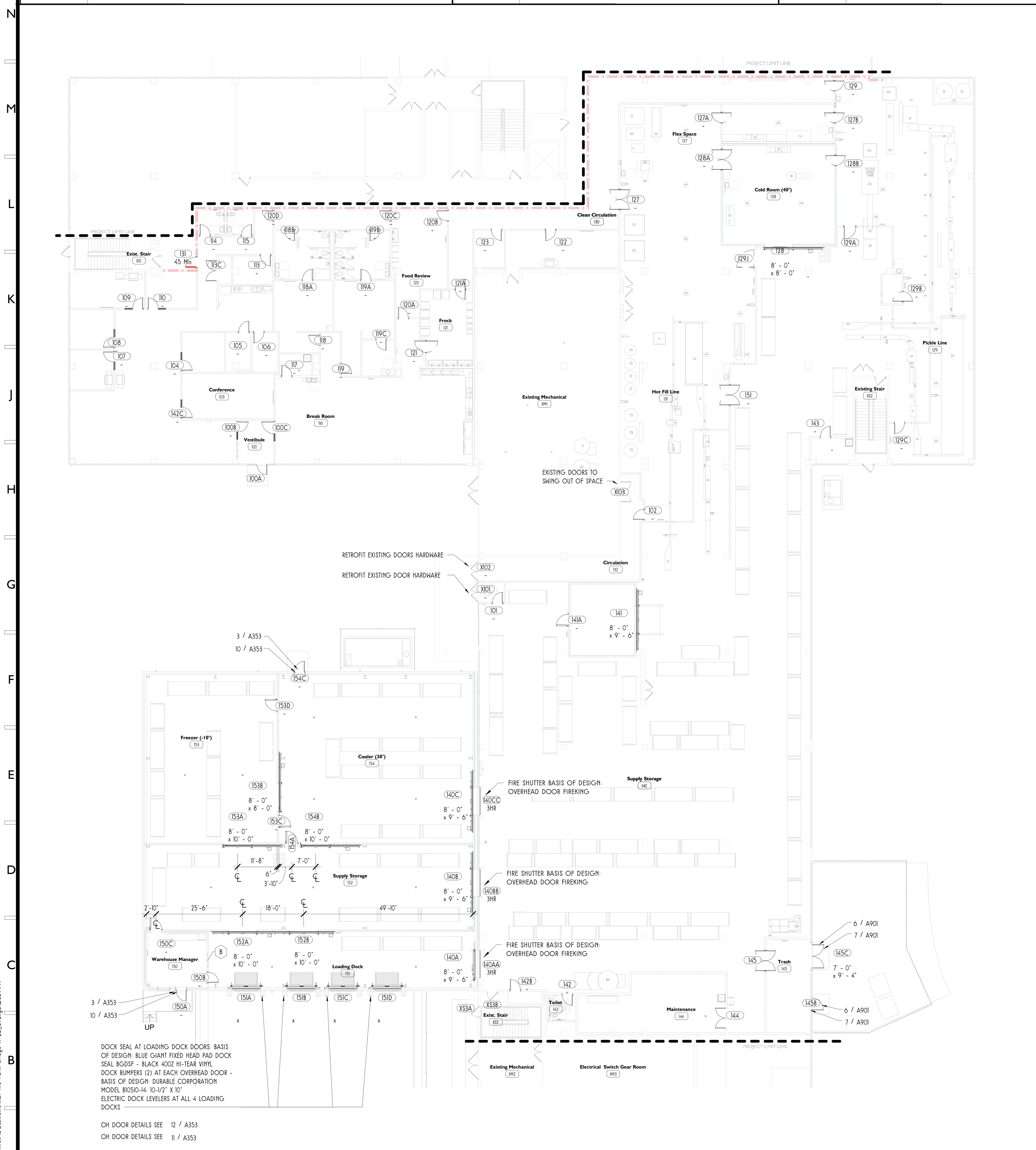
3 HM Door Jamb - Interior

3" = 1'-0"



4 HM Door Head - Interior

3" = 1'-0"



1 First Floor - Door Plan

1/16" = 1'-0" A201

Door Schedule

Door Number	Type	Door Width	Door Height	From Room: Name	To Room: Name	Door Material	Door Finish	Fire Rating	Hardware	Frame Type	Frame Material	Comments
100A	WS	3' - 0"	7' - 0"		Vestibule	INSUL. TEMP GLASS	CLEAR ANODIZED		NO. 1	1	ALUM INSUL.	KAWNEER TRIFAB 451UT - PANIC DEVICE
100B	FLUSH	3' - 0"	7' - 0"	Vestibule	Reception	WOOD	PLAM	-	NO. 2	3	HM	
100C	FLUSH	3' - 6"	7' - 0"	Vestibule	Break Room	WOOD	PLAM		NO. 2	3	HM	PANIC DEVICE
101	FL	3' - 0"	7' - 0"	Supply Storage	Vestibule	WOOD	PLAM	-	NO. 1	1	HM	
102	FL	3' - 0"	7' - 0"	Hot Fill Line	Circulation	WOOD	PLAM	-	NO. 1	1	HM	
104	FLUSH	3' - 0"	7' - 0"	Office Circulation	Office	WOOD	PLAM	-	NO. 4	3	HM	
105	FLUSH	3' - 0"	7' - 0"	IT	Kitchenette	WOOD	PLAM	-	NO. 5	1	HM	
106	FLUSH	3' - 0"	7' - 0"	Stor.	Kitchenette	WOOD	PLAM	-	NO. 5	1	HM	
107	FLUSH	3' - 0"	7' - 0"	Office Circulation	Accounting	WOOD	PLAM	-	NO. 4	3	HM	
108	FLUSH	3' - 0"	7' - 0"	Office Circulation	Office	WOOD	PLAM	-	NO. 4	3	HM	
109	FLUSH	3' - 0"	7' - 0"	Office Circulation	Pres. Office	WOOD	PLAM	-	NO. 4	3	HM	
110	FLUSH	3' - 0"	7' - 0"	Office Circulation	Office	WOOD	PLAM	-	NO. 4	3	HM	
113	FLUSH	3' - 0"	7' - 0"	USDA Office		WOOD	PLAM	-	NO. 4	1	HM	
113C	DBL FL	6' - 0"	7' - 0"	Cl.		WOOD	PLAM		NO. 5 x2	1	HM	
114	FLUSH	3' - 0"	7' - 0"	Toilet		WOOD	PLAM	-	NO. 8	1	HM	
115	FLUSH	3' - 0"	7' - 0"		Toilet	WOOD	PLAM	-	NO. 8	1	HM	
117	FLUSH	3' - 0"	7' - 0"	Jan.	Break Room	WOOD	PLAM	-	NO. 5	1	HM	
118	FLUSH	3' - 0"	7' - 0"	Break Room	Mens Locker	WOOD	PLAM	-	NO. 5	1	HM	
118A	FLUSH	3' - 0"	7' - 0"	Mens	Mens Locker	WOOD	PLAM	-	NO. 5	1	HM	
118B	FLUSH	3' - 0"	7' - 0"	Hall	Mens	WOOD	PLAM	-	NO. 5	1	HM	
119	FLUSH	3' - 0"	7' - 0"	Womens Locker	Break Room	WOOD	PLAM	-	NO. 5	1	HM	
119A	FLUSH	3' - 0"	7' - 0"	Womens Locker	Womens	WOOD	PLAM	-	NO. 5	1	HM	
119B	FLUSH	3' - 0"	7' - 0"	Womens	Hall	WOOD	PLAM	-	NO. 5	1	HM	
119C	FLUSH	3' - 0"	7' - 0"	Lactation	Womens Locker	WOOD	PLAM	-	NO. 8	1	HM	
120A	FLUSH	3' - 0"	7' - 0"	Break Room	Food Review	WOOD	PLAM	-	NO. 10	1	HM	PANIC DEVICE
120B	FLUSH	3' - 0"	7' - 0"	Food Review	Clean Circulation	WOOD	PLAM	-	NO. 10	1	HM	
120C	FLUSH	3' - 0"	7' - 0"	Food Review	Hall	WOOD	PLAM	-	NO. 10	1	HM	PANIC DEVICE
120D	FLUSH	3' - 0"	7' - 0"		Hall	WOOD	PLAM	-	NO. 10	1	HM	PANIC DEVICE
121	ATD 1	3' - 6"	7' - 0"	Frock	Break Room	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
121A	ATD 1	3' - 0"	7' - 0"	Clean Circulation	Frock	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
122	FLUSH	3' - 0"	7' - 0"	QA/QC Lab	Clean Circulation	WOOD	PLAM	-	NO. 5	1	HM	
123	FLUSH	3' - 0"	7' - 0"	Label	Clean Circulation	WOOD	PLAM	-	NO. 5	1	HM	
127	DBL ATD 2	6' - 0"	7' - 0"	Clean Circulation	Hot Fill Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3 x2	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
127A	ATD 1	3' - 0"	7' - 0"	Wash Room	Flex Space	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
127B	ATD 1	3' - 0"	7' - 0"	Wash Room	Pickle Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
128	HORIZ. SLIDE	8' - 0"	8' - 0"	Supply Storage	Cold Room (40°)	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES HORIZONTAL SLIDING DOOR - MANUAL
128A	DBL ATD 2	6' - 0"	7' - 0"	Flex Space	Cold Room (40°)	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3 x2	1	INSULATED HM	BASIS OF DESIGN ELIASON - HCG-10 ABS IMPACT TRAFFIC DOOR - FULL GASKETING FOR COOLER APPLICATION
128B	ATD 1	3' - 0"	7' - 0"	Cold Room (40°)	Pickle Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	INSULATED HM	BASIS OF DESIGN ELIASON - HCG-10 ABS IMPACT TRAFFIC DOOR - FULL GASKETING FOR COOLER APPLICATION
129	ATD 1	3' - 0"	7' - 0"	Clean Circulation	Pickle Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
129A	FLUSH	3' - 6"	7' - 0"	Supply Storage	Pickle Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 2	1	FLUSH HM	KICKPLATE
129B	ATD 1	3' - 0"	7' - 0"	Pickle Line	Spice	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 3	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
129C	FLUSH	3' - 0"	7' - 0"	Supply Storage	Pickle Line	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	NO. 2	1	FLUSH HM	
129J	FLUSH	5' - 0"	7' - 0"	Supply Storage	Hot Fill Line	HM	IMPACT RESIST. ABS		NO. 2	1	HM	
131	FLUSH	3' - 0"	7' - 0"			WOOD	PLAM	45 Min	NO. 1	1	HM	PANIC DEVICE
140A	VERT LIFT	8' - 0"	9' - 6"	Supply Storage	Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
140AA	FIRE SHUTTER	8' - 0"	9' - 6"	Supply Storage	Loading Dock	SEE MANUF.	SEE MANUF.	3HR	FIRE ALARM SYS	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR FIREKING
140B	BI-PART	8' - 0"	9' - 6"	Supply Storage		SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
140BB	FIRE SHUTTER	8' - 0"	9' - 6"		Supply Storage	SEE MANUF.	SEE MANUF.	3HR	FIRE ALARM SYS	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR FIREKING
140C	BI-PART	8' - 0"	9' - 6"	Cooler (38°)		SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
140CC	FIRE SHUTTER	8' - 0"	9' - 6"	Supply Storage		SEE MANUF.	SEE MANUF.	3HR	FA SYSTEM	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR FIREKING
141	BI-PART	8' - 0"	9' - 6"	Supply Storage	Blast Chiller (-10°)	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
141A	IN FITTING DOOR	3' - 0"	6' - 6"	Blast Chiller (-10°)	Supply Storage	SEE MANUF.	SEE MANUF.	-	SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES INSULATED DOOR
142	FL	3' - 0"	7' - 0"	Toilet	Supply Storage	HM	PREFINISHED	-	NO. 8	1	HM	KICKPLATE
142B	FL	3' - 0"	7' - 0"	Supply Storage		HM	PREFINISHED	-	NO. 9	1	HM	
142C	FLUSH	3' - 0"	7' - 0"	Office Circulation	Conference	WOOD	PLAM	-	NO. 4	3	HM	
143	FLUSH	3' - 0"	7' - 0"	Cleaning Solutions	Supply Storage	HM	PREFINISHED	-	NO. 5	1	HM	KICKPLATE
144	DBL FL	6' - 0"	7' - 0"	Maintenance	Supply Storage	HM	PREFINISHED		NO. 7	1	HM	KICKPLATE
145	141	6' - 0"	7' - 0"	Trash	Supply Storage	HM	PREFINISHED		NO. 3 x2	1	HM	KICKPLATE
145B	WS	3' - 7 1/2"	7' - 0"		Trash	INSUL. HM	PREFINISHED		NO. 14	1	INSULATED HM	
145C	DBl FL	7' - 0"	9' - 4"		Trash	INSUL. HM	PREFINISHED		NO. 11	2	INSULATED HM	
150A	FL	3' - 0"	7' - 0"	Warehouse Manager		INSUL. HM	PREFINISHED	-	NO. 14	1	INSUL. HM	
150B	FL	3' - 0"	7' - 0"	Warehouse Manager	Loading Dock	INSUL. HM	PREFINISHED	-	NO. 4	1	HM	
150C	IN FITTING DOOR	3' - 0"	6' - 6"	Supply Storage	Warehouse Manager	INSUL. HM	PREFINISHED	-	SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES INSULATED DOOR - R VALUE 33
151	DBL ATD 2	6' - 0"	7' - 0"	Hot Fill Line	Supply Storage	URETHANE FOAM CORE	IMPACT RESIST. ABS	-	SEE MANUF.	1	FLUSH HM	BASIS OF DESIGN ELIASON - HCP-10 ABS IMPACT TRAFFIC DOOR - BUMPERS BOTH SIDES
151A	OH DOOR	8'-0"	10'-0"		Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR THERMACORE SECTIONAL STEEL DOOR 591 R-VALUE 32
151B	OH DOOR	8'-0"	10'-0"		Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR THERMACORE SECTIONAL STEEL DOOR 591 R-VALU 32
151C	OH DOOR	8'-0"	10'-0"	Loading Dock		SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR THERMACORE SECTIONAL STEEL DOOR 591 R-VALU 32
151D	OH DOOR	8'-0"	10'-0"		Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	BASIS OF DESIGN: OVERHEAD DOOR THERMACORE SECTIONAL STEEL DOOR 591 R-VALU 32
152A	BI-PART	8' - 0"	10' - 0"	Supply Storage	Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
152B	BI-PART	8' - 0"	10' - 0"	Supply Storage	Loading Dock	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
153A	HORIZ SLIDING	8' - 0"	10' - 0"	Freezer (-10°)	Supply Storage	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES HORIZONTAL SLIDING DOOR - MANUAL
153B	HORIZ. SLIDE	8' - 0"	8' - 0"	Cooler (38°)	Freezer (-10°)	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES BI PARTING DOOR - MANUAL
153C	IN FITTING DOOR	3' - 0"	6' - 6"	Freezer (-10°)	Cooler (38°)	SEE MANUF.	SEE MANUF.	-	SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES INSULATED DOOR - R VALUE 33
153D	IN FITTING DOOR	3' - 0"	6' - 6"	Cooler (38°)	Freezer (-10°)	SEE MANUF.	SEE MANUF.	-	SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES INSULATED DOOR - R VALUE 33
154A	IN FITTING DOOR	3' - 0"	6' - 6"	Cooler (38°)	Supply Storage	SEE MANUF.	SEE MANUF.	-	SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES INSULATED DOOR - R VALUE 33
154B	HORIZ SLIDING	8' - 0"	10' - 0"	Cooler (38°)	Supply Storage	SEE MANUF.	SEE MANUF.		SEE MANUF.	SEE MANUF.	SEE MANUF.	Cold Storage - HERCULES HORIZONTAL SLIDING DOOR - MANUAL
154C	FLUSH	3' - 0"	7' - 0"	Cooler (38°)		INSUL. HM W/ THERMAL BREAK	PREFINISHED	-	NO. 14	1	INSUL. HM	MINIMUM R VALUE 32

Door Hardware Schedule

DESCRIPTION	MANUFACTURER	MODEL / STYLE	FINISH	REMARKS
BUTT HINGE (INTERIOR)	PBB	BB81 4.5" X 4.5"	US26D	-
BUTT HINGE (EXTERIOR)	PBB	BB51 4.5" X 4.5" NRP	US26D	-
CLOSER	YALE	3501 AND 3521 WITH STOP ARM	POWDER COAT ALUMINUM FINISH	-
WEATHER STRIPPING	PEMKO	303AV	ALUM	-
WALL STOP	ROCKWOOD	406	US26D	-
SWEEPS	PEMKO	315CN	ALUM	-
THRESHOLDS	PEMKO	171A	ALUM	WIDTH PER WALL WIDTH
FLOOR STOP	ROCKWOOD	446	US26D	-
LEVER LATCHSET	YALE	5300 LN SERIES WITH PB LEVER	US26D	-
OVERHEAD DOOR STOP	GLYNN JOHNSON	100S	US32D	-

HARDWARE GROUP NO 13

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1 EA	CLOSER	CRL ADJUSTABLE SPRING POWER OVERHEAD CONCEALED DOOR CLOSER / HOLD OPEN / SWING ONE DIRECTION	BS	CRL
2 EA	DOOR PULL 72"	CRL LOCKING LADDER PULLS UPWARDS LADDER PULLS LLPUA60BS	BS	CRL

HARDWARE GROUP NO. 14 (EXIT DOORS)

1EA CONTINUOUS HINGE
1EA PANIC DEVICE
1EA LOCKSET
1 EA CLOSER
3 EA DOOR SILENCERS
1 EA THRESHOLD
1 EA WEATHERSTRIPPING

2020 ENERGY CONSERVATION CODE OF NYS

TABLE C403.10.1(2)

HCS.RC.I HORIZONTAL SOLID DOOR.REMOTE CONDENSING. ICE CREAM. $0.27 \times V + 0.63$

HCS.RC.M HORIZONTAL SOLID DOOR.REMOTE CONDENSING. MEDIUM. $0.11 \times V + 0.26$

V = VOLUME OF THE CASE, AS MEASURED IN ACCORDANCE WITH APPENDIX C OF AHRI 1200.

EQUIPMENT CLASS DESIGNATIONS CONSIST OF A COMBINATION [IN SEQUENTIAL ORDER SEPARATED BY PERIODS (AAA).(BB).(C)] OF:

HCS = HORIZONTAL SOLID DOORS
RC = REMOTE CONDENSING
M = MEDIUM TEMPERATURE (38°F)
L = LOW TEMPERATURE (0°F)
I = ICE-CREAM TEMPERATURE (15°F)

FOR EXAMPLE, "VOP.RC.M" REFERS TO THE "VERTICAL-OPEN, REMOTE-CONDENSING, MEDIUM-TEMPERATURE" EQUIPMENT CLASS.

403.10.2 WALK-IN COOLERS AND WALK IN FREEZERS (MANDATORY)

DOORS OF WALK-IN COOLERS AND WALK-IN FREEZERS SHALL BE PROVIDED WITH INSULATION HAVING A THERMAL RESISTANCE OF **NOT LESS THAN R-32.**

EXCEPTION: INSULATION IS NOT REQUIRED FOR GLAZED PORTIONS OF DOORS OR AT STRUCTURAL MEMBERS ASSOCIATED WITH THE WALLS, CEILING OR DOOR FRAME.

REFRIGERATED WAREHOUSE COOLERS AND REFRIGERATED WAREHOUSE FREEZERS SHALL COMPLY WITH THIS SECTION. WALK-IN COOLERS AND WALK-IN FREEZERS THAT ARE NEITHER SITE ASSEMBLED NOR SITE CONSTRUCTED SHALL COMPLY WITH THE FOLLOWING:

BE EQUIPPED WITH AUTOMATIC DOOR-CLOSERS THAT FIRMLY CLOSE WALK-IN DOORS THAT HAVE BEEN CLOSED TO WITHIN 1 INCH (25 MM) OF FULL CLOSURE.

EXCEPTION: AUTOMATIC CLOSERS ARE NOT REQUIRED FOR DOORS MORE THAN 45 INCHES (1143 MM) IN WIDTH OR MORE THAN 7 FEET (2134 MM) IN HEIGHT.
DOORWAYS SHALL HAVE STRIP DOORS, CURTAINS, SPRING-HINGED DOORS OR OTHER METHOD OF MINIMIZING INFILTRATION WHEN DOORS ARE OPEN.

Door & Hardware Notes

1. ALL WOOD DOORS SHALL BE 1-3/4" THICK SOLID (STRUCTURAL COMPOSITE LUMBER) CORE, UNLESS NOTED OTHERWISE.
2. VERIFY DOOR DIMENSIONS & OPENINGS IN THE FIELD, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
3. PROVIDE & INSTALL SILENCERS AT ALL DOOR FRAMES.
4. CYLINDRICAL LOCKSETS / LATCHSETS SHALL HAVE INTERCHANGEABLE CORES.
5. COORDINATE ALL KEYING WITH TENANT AND LANDLORD.
6. PROVIDE REINFORCING (E.G. STRIKE BOX, METAL BACKING PLATES) AT ALL DOOR FRAMES WHERE HARDWARE ATTACHES, INCLUDING BUT NOT LIMITED TO HINGES, CLOSERS & STRIKES.
7. ADJUST ALL HARDWARE TO COMPLY WITH ACCESSIBILITY CODES, INCLUDING BUT NOT LIMITED TO CLOSING FORCE OF DOOR CLOSERS.
8. ALL HARDWARE IS GRADE 1 AND HEAVY DUTY.
9. A COMPLETE DOOR, FRAMES, AND HARDWARE SUBMITTAL IS REQUIRED. DO NOT SUBMIT THE HARDWARE WITHOUT REVIEWING THE FUCTIONS WITH THE LANDLORD AND/OR TENANT.
10. CONTRACTOR TO SET UP A "KEYING" MEETING BETWEEN THE TENANT AND LANDLORD FOR COORDINATION.
11. ALL DOORS TO HAVE A MINIMUM SYSTEM STC RATING OF 32 UNLESS NOTED OTHERWISE.

HARDWARE GROUP NO. 1
1 PANIC WITH LEVER ON OUTSIDE
1 CONTINUOUS HINGE
1 DRIP CAP
1 LATH PROTECTOR
1 WEATHERSTRIPPING
1 DOOR SWEEP
1 THRESHOLD
1 CLOSER
1 90 DEGREE OVERHEAD STOP

HARDWARE GROUP NO. 2
1 PUSH/PULL (NO LOCK)
1 CLOSER
1 WALL STOP

HARDWARE GROUP NO. 3
2 PULLS
1 HEAVY DUTY FLOOR CLOSER FOR DOUBLE ACTING DOOR WITH TOP PIVOT
2 ARMOR PLATE

HARDWARE GROUP NO. 4
1 OFFICE FUNCTION
3 HINGES
1 KICKPLATE
1 WALL STOP

HARDWARE GROUP NO. 5
2 PUSH/PULLS
3 HINGES
1 CLOSER
1 KICK PLATE
1 WALL STOP

HARDWARE GROUP NO. 6
2 PANIC WITH LEVER ON OUTSIDE
2 CONTINUOUS HINGES
2 CLOSERS
2 OVERHEAD STOPS
2 ARMOR PLATE

HARDWARE GROUP NO. 7
1 STOREROOM FUNCTION
2 CONTINUOUS HINGES
2 FLUSH BOLTS
1 OVERHEAD STOP AND HOLD OPEN
1 ASTRAGAL

HARDWARE GROUP NO. 8
1 PRIVACY LOCKSET WITH INDICATOR
3 HINGES
1 CLOSER
1 WALL STOP

HARDWARE GROUP NO. 9
1 STOREROOM LOCKSET
2 HINGES
1 OVERHEAD STOP

HARDWARE GROUP NO. 10
1 PASSAGE LOCKSET
3 HINGES
1 ARMOR PLATE
1 CLOSER
1 OVERHEAD STOP

HARDWARE GROUP NO. 11
2 PANIC DEVICE WITH EXPOSED RODS WITH LEVER SET ON OUTSIDE
2 CONTINUOUS HINGES
2 CLOSERS
2 WEATHERSTRIPPING
1 THRESHOLD
1 DRIP CAP
2 DOOR SWEEP
2 ARMOR PLATE
2 90 DEGREE OVERHEAD STOP

HARDWARE GROUP NO. 12
1 PASSAGE LOCKSET
3 HINGES
1 KICKPLATE
1 WALL STOP

2 Door Hardware

1/4" = 1'-0"

CONSULTANT

STAMP

SYVERTSEN RIGOSU architects
Six Chelsea Place
Clifton Park NY 12065
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ARCHITECT

Revision Schedule		
#	Description	Date

SCALE	As indicated
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

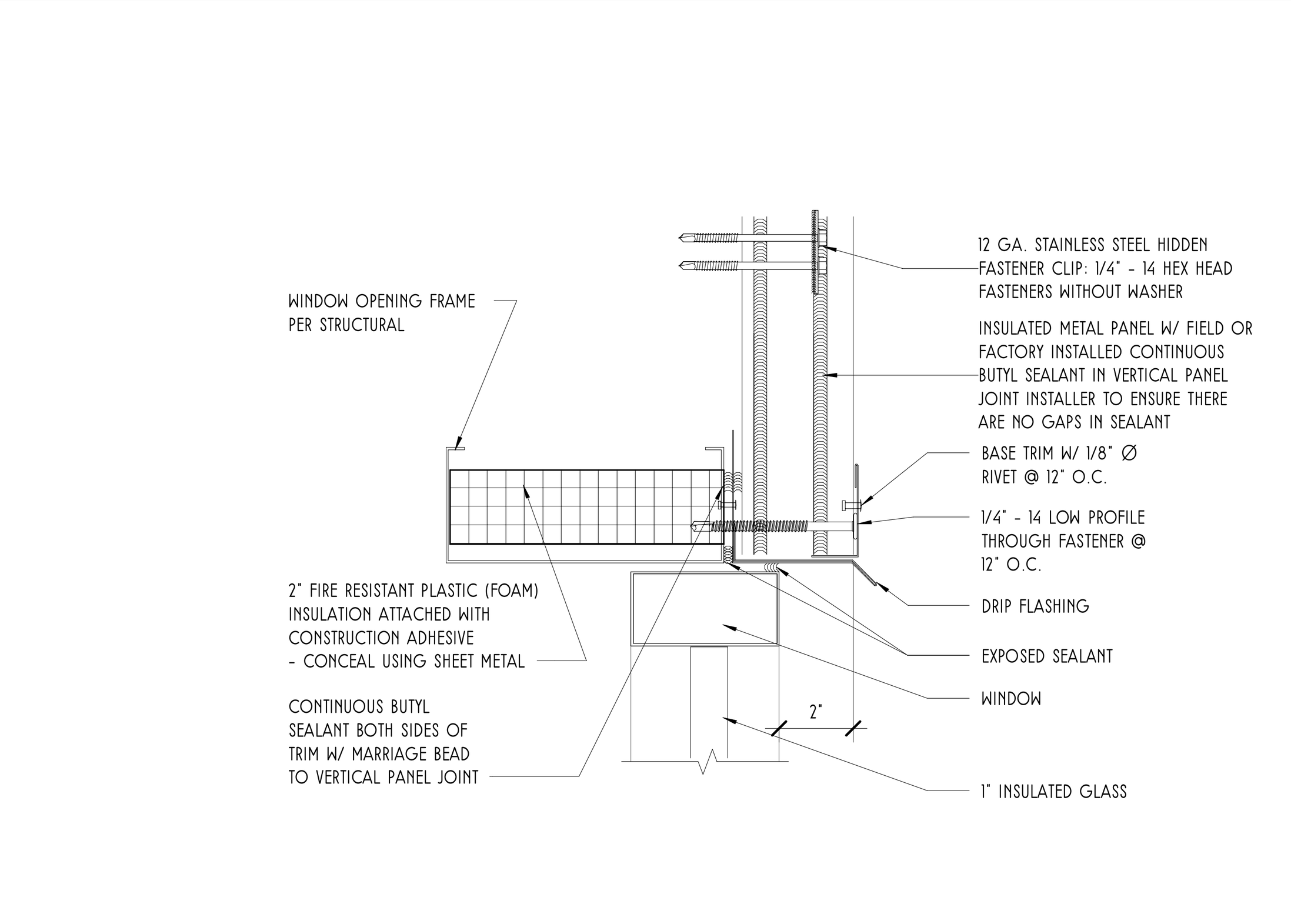
PROJECT INFORMATION

Door Schedule & Details

SHEET TITLE

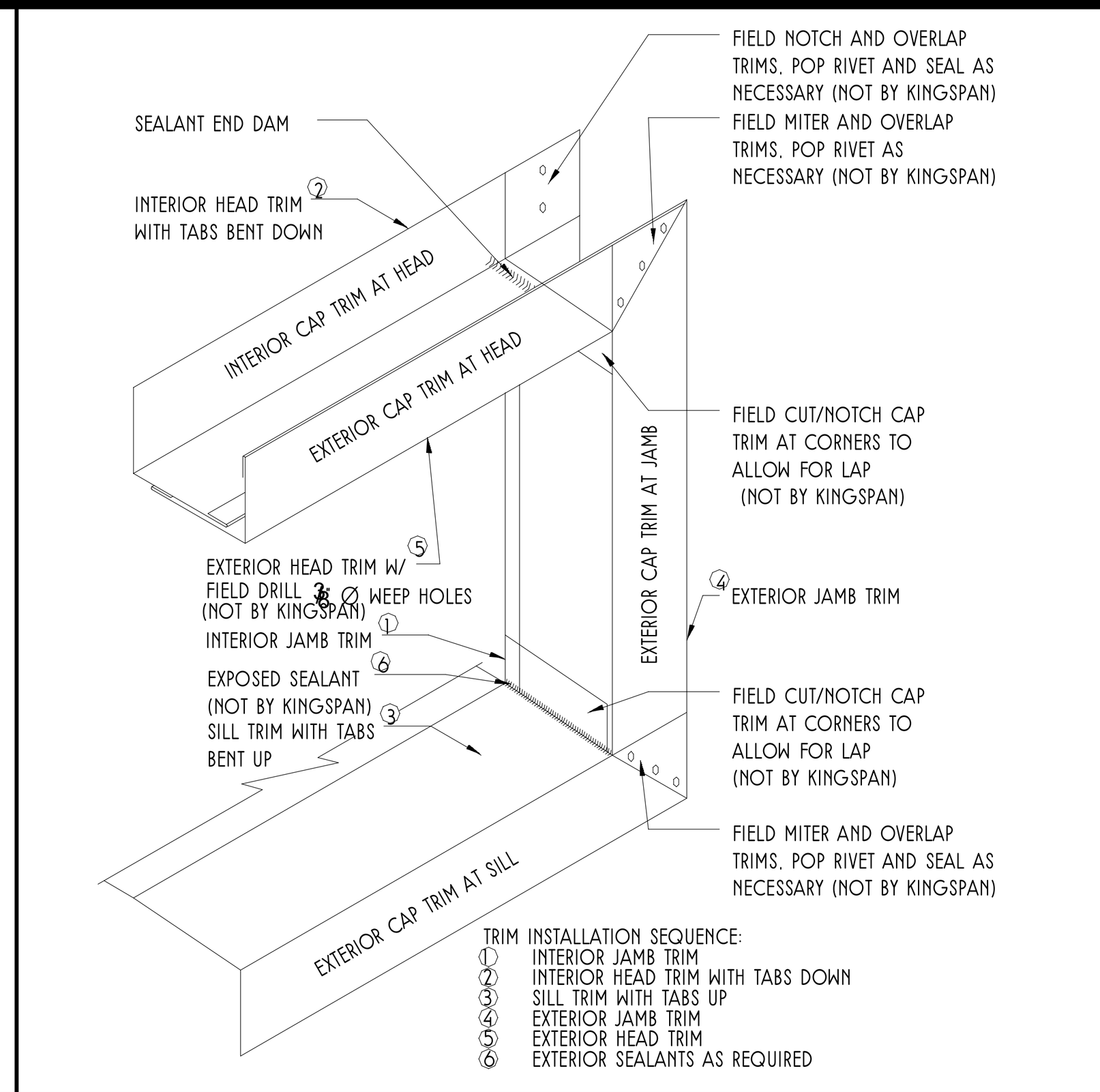
A901

SHEET NUMBER



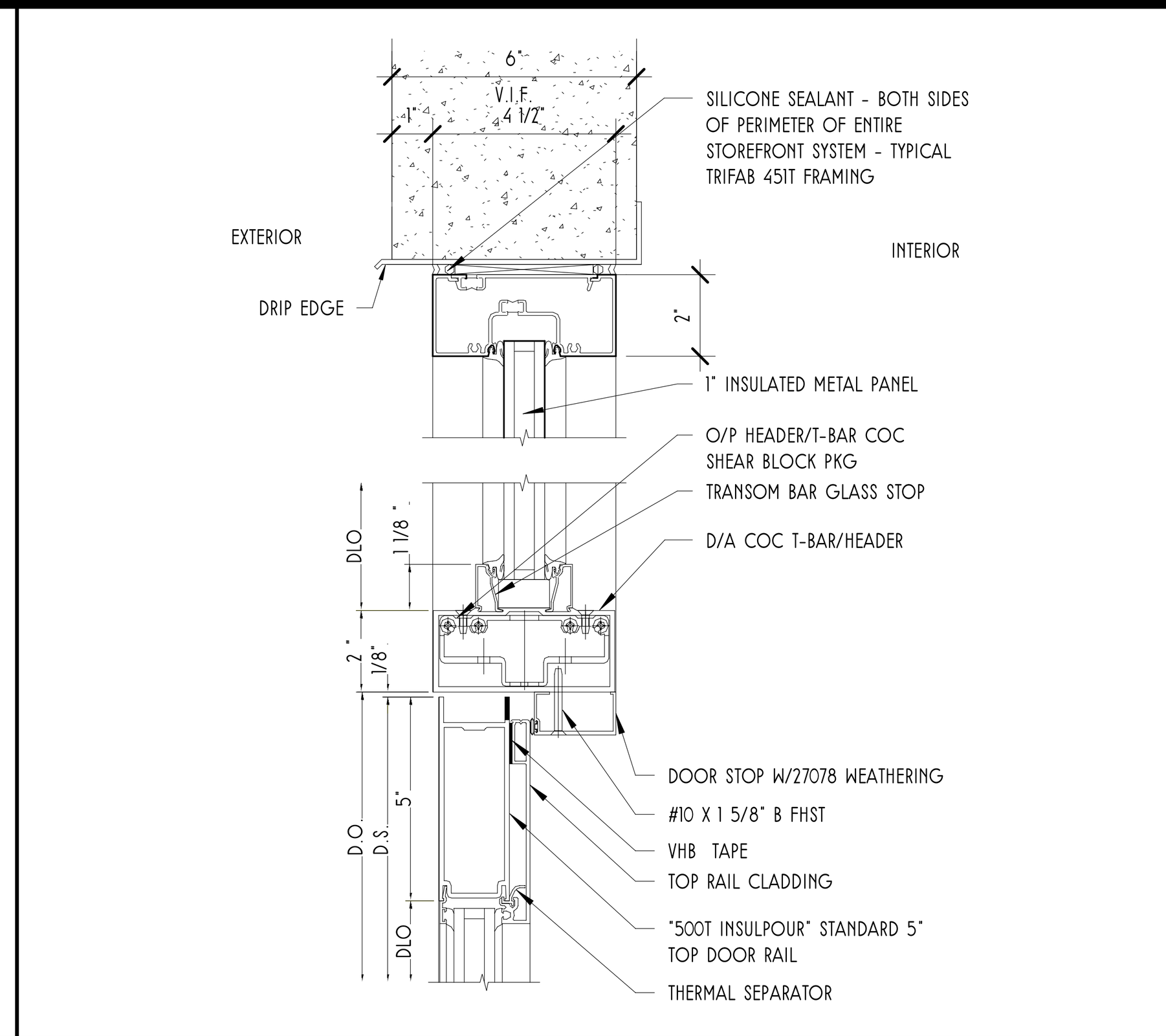
4 IMP Head Detail

3" = 1'-0"



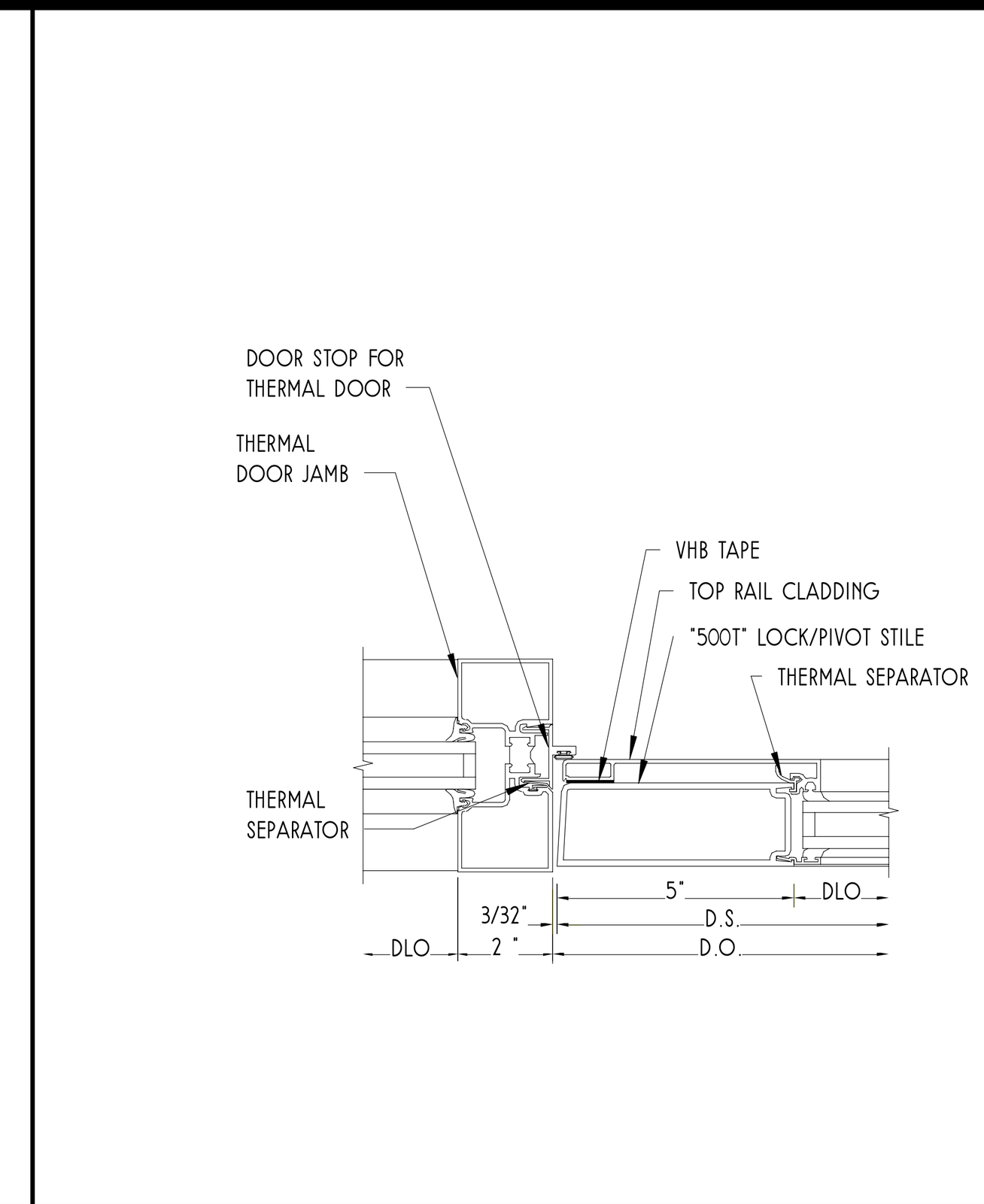
2 Trim Lap at Framed Opening

3" = 1'-0"



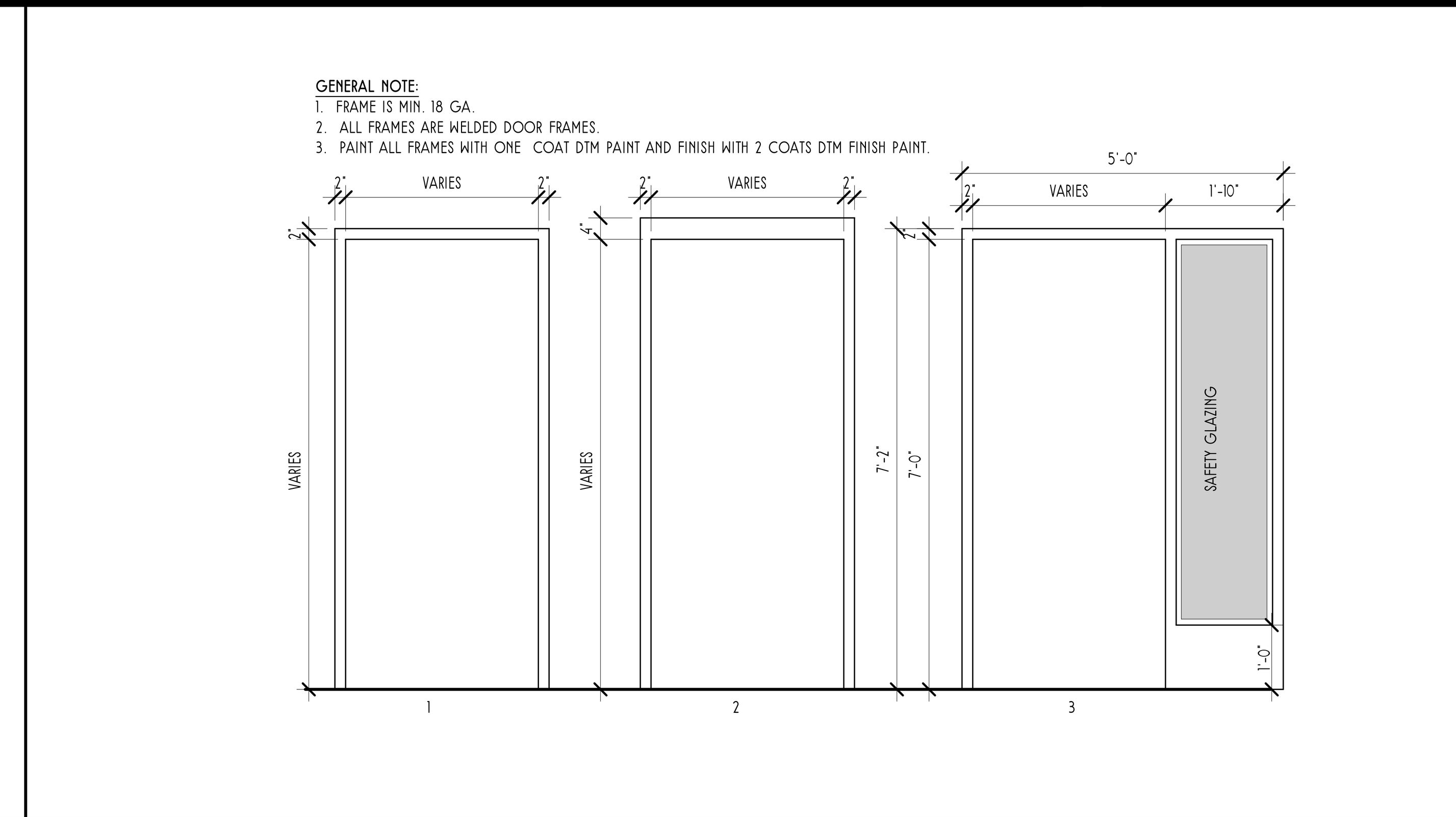
9 Kawneer Door Transom

3" = 1'-0" A902



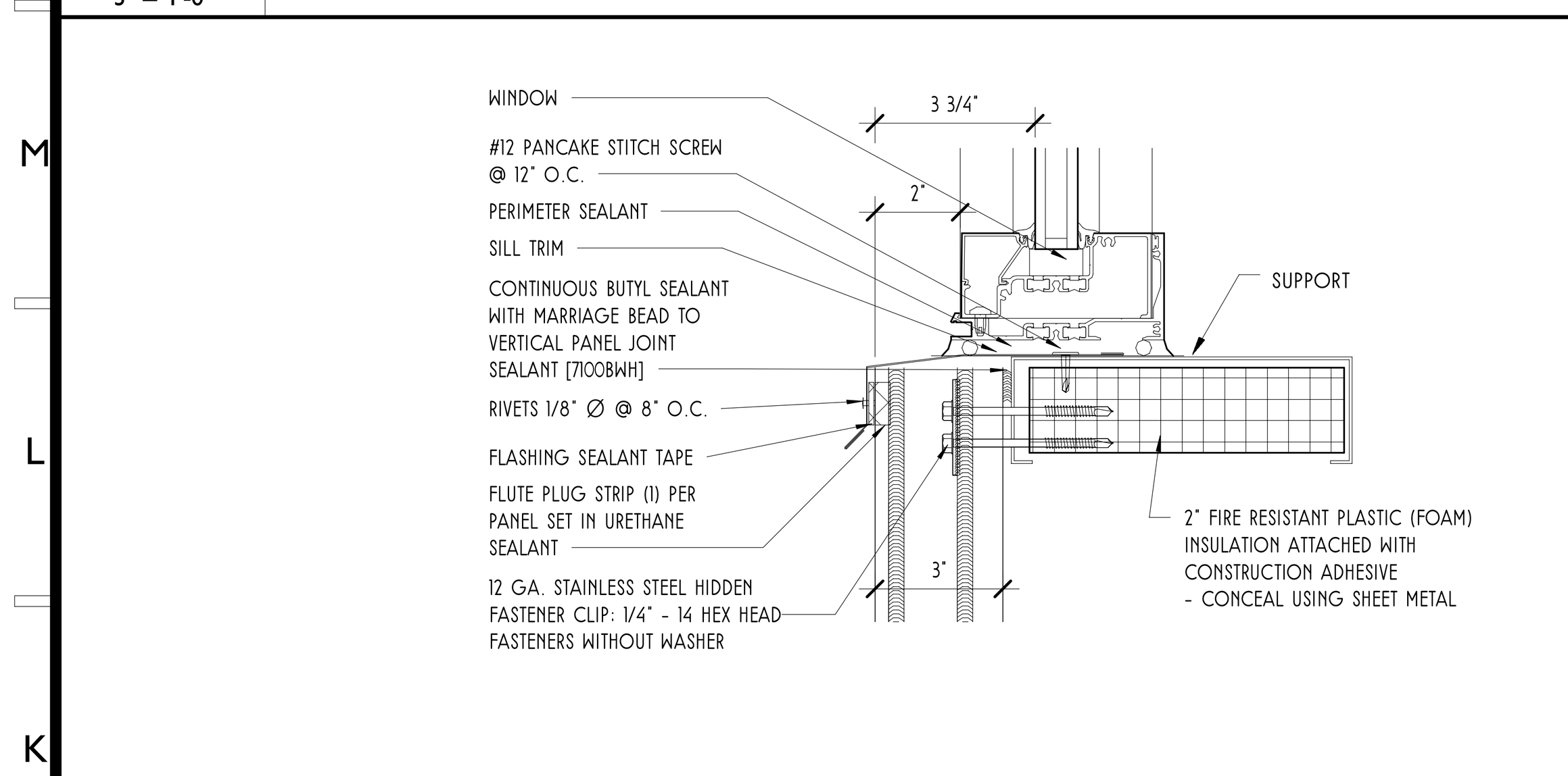
10 Kawneer Door Jamb

3" = 1'-0"



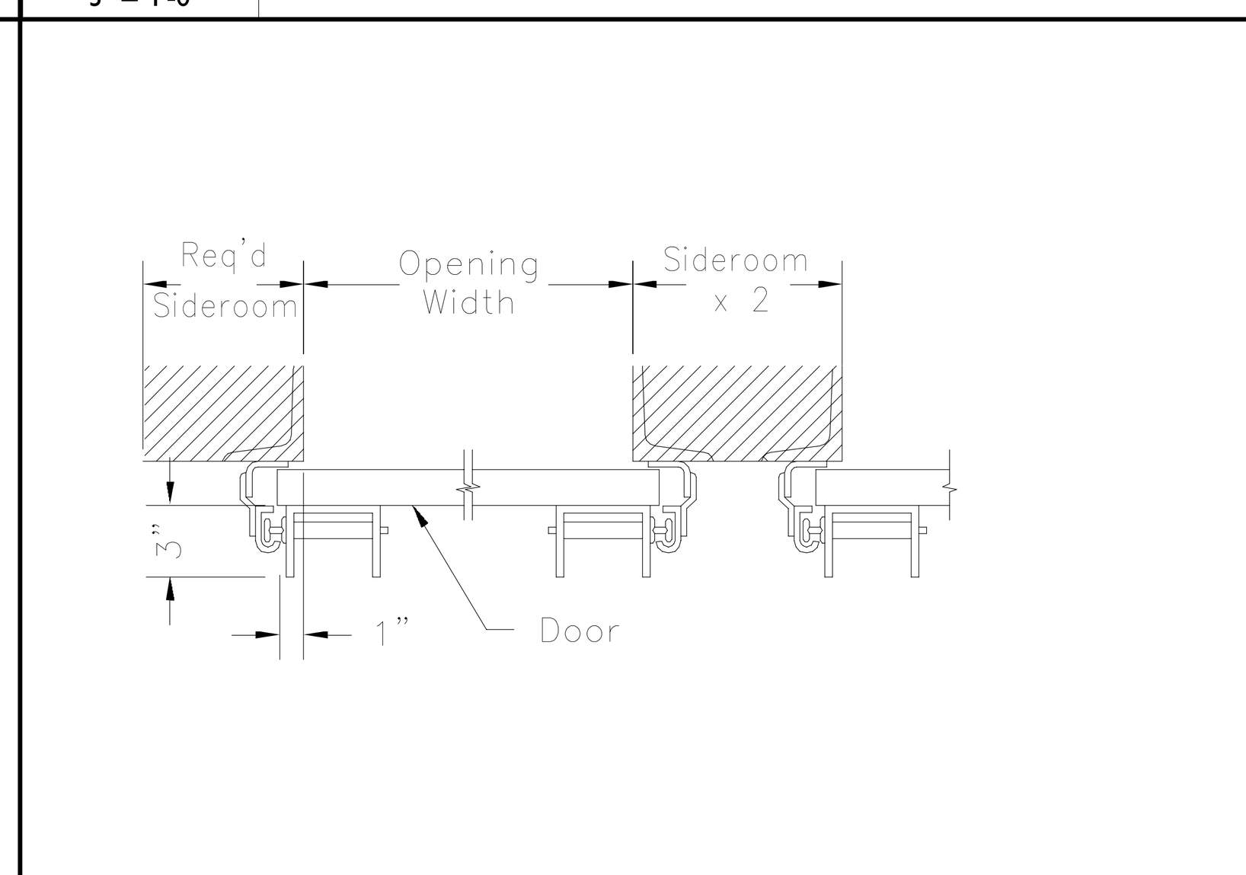
1 HM Frame Types

1/2" = 1'-0"



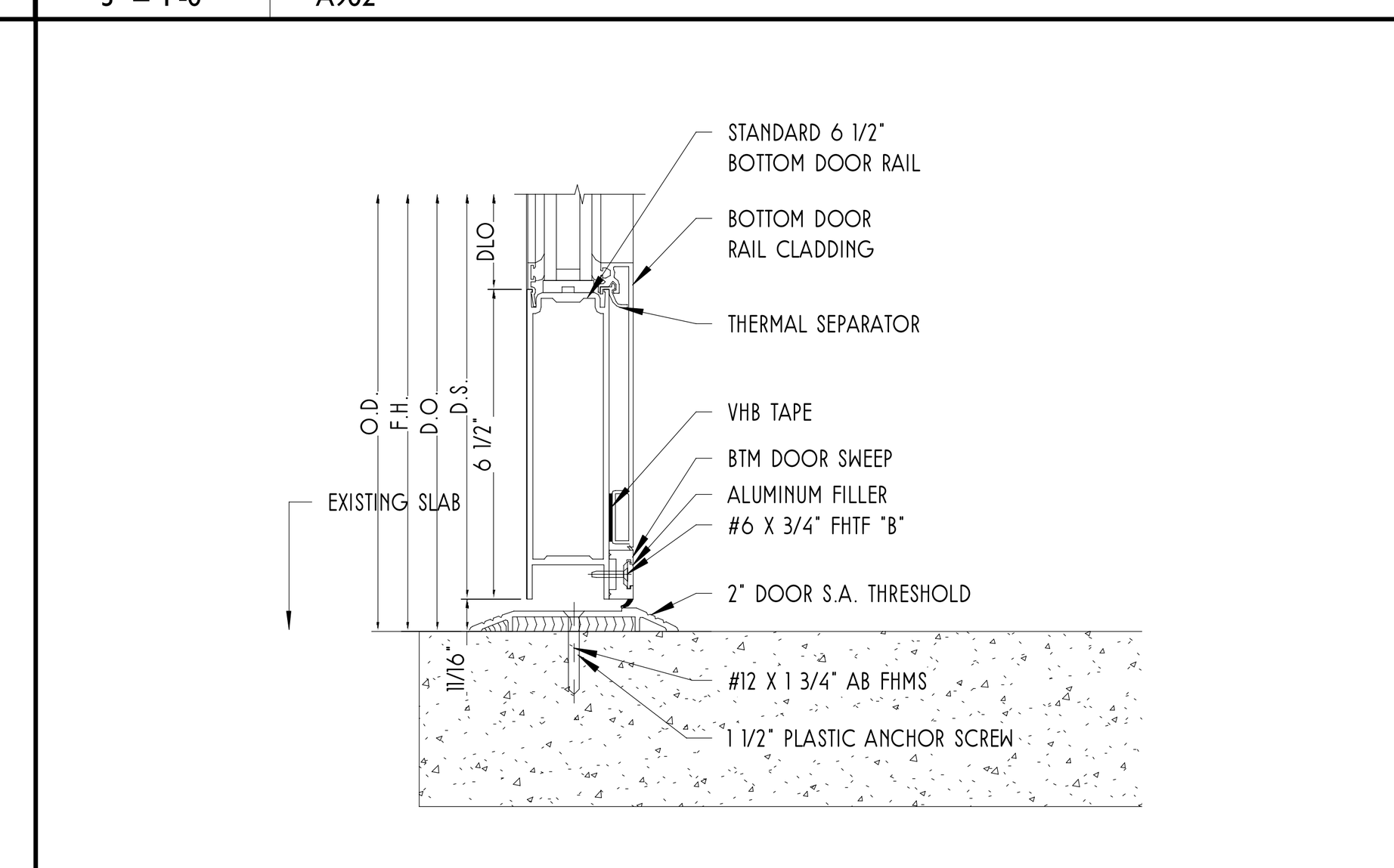
3 IMP Sill Detail

3" = 1'-0"



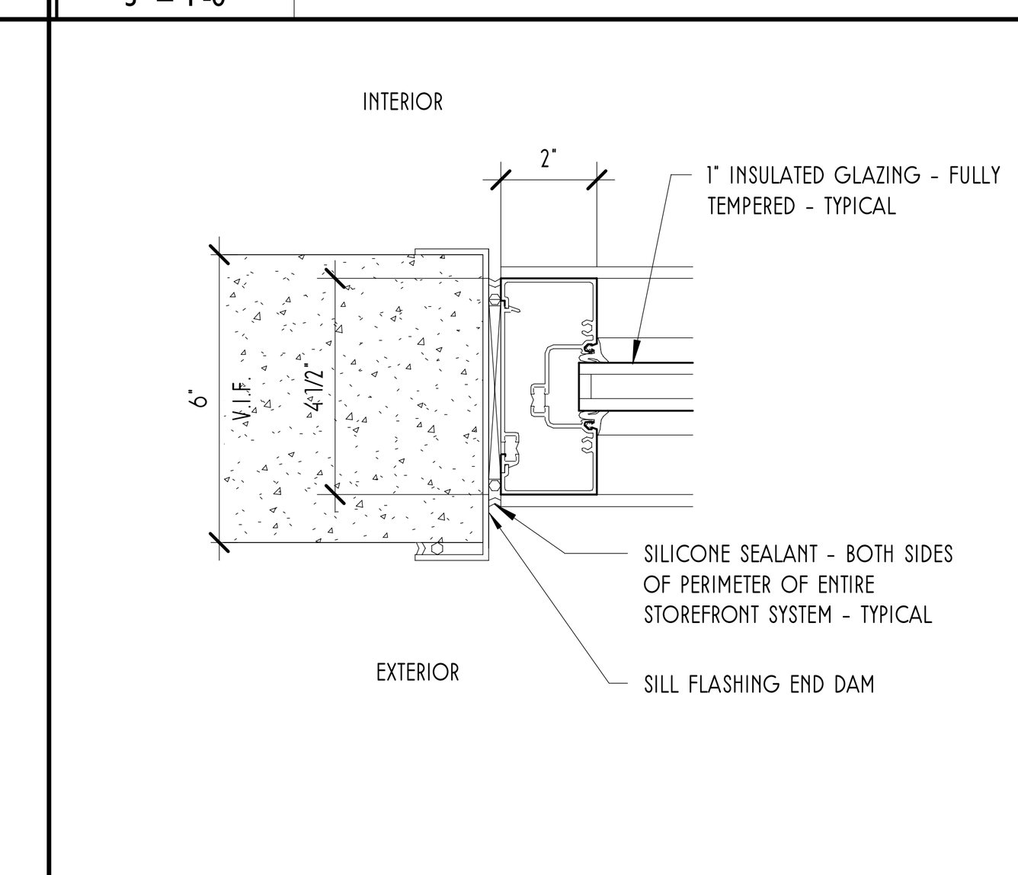
14 OH Door Detail

1 1/2" = 1'-0"



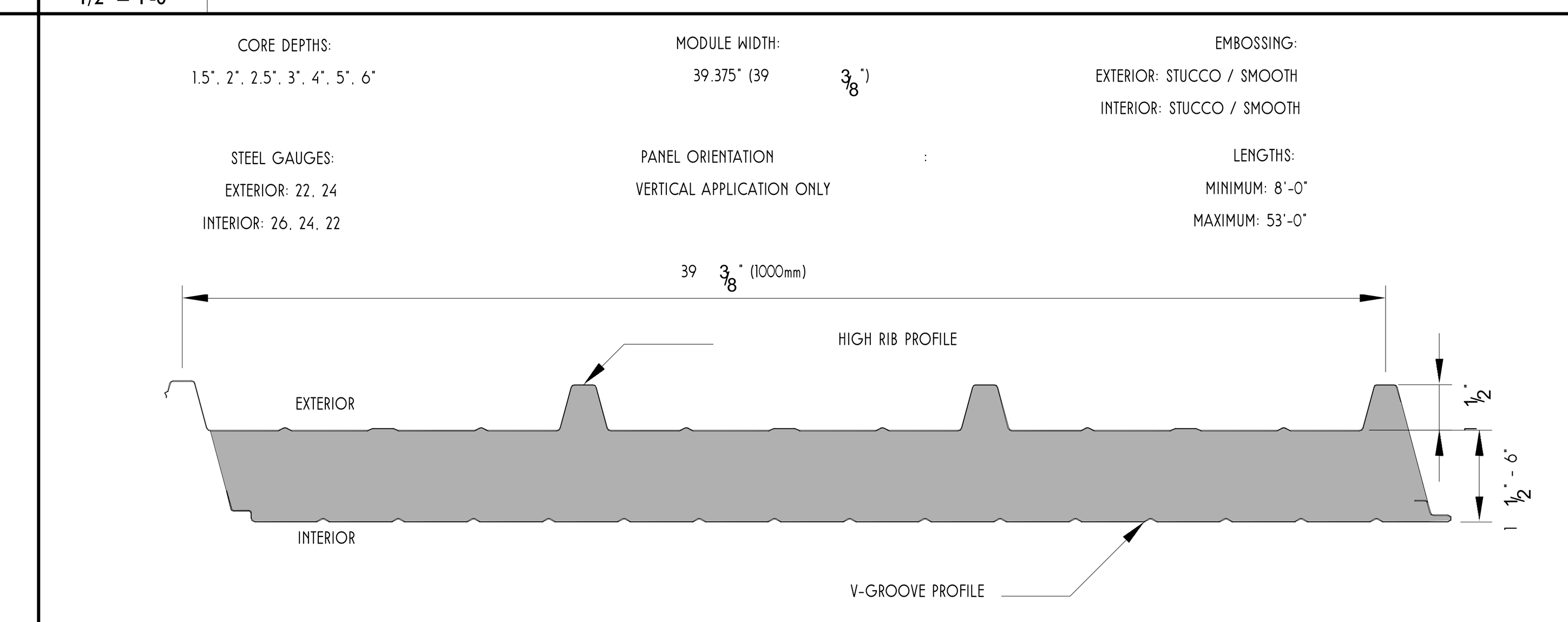
11 Kawneer Threshold Detail

3" = 1'-0" A902



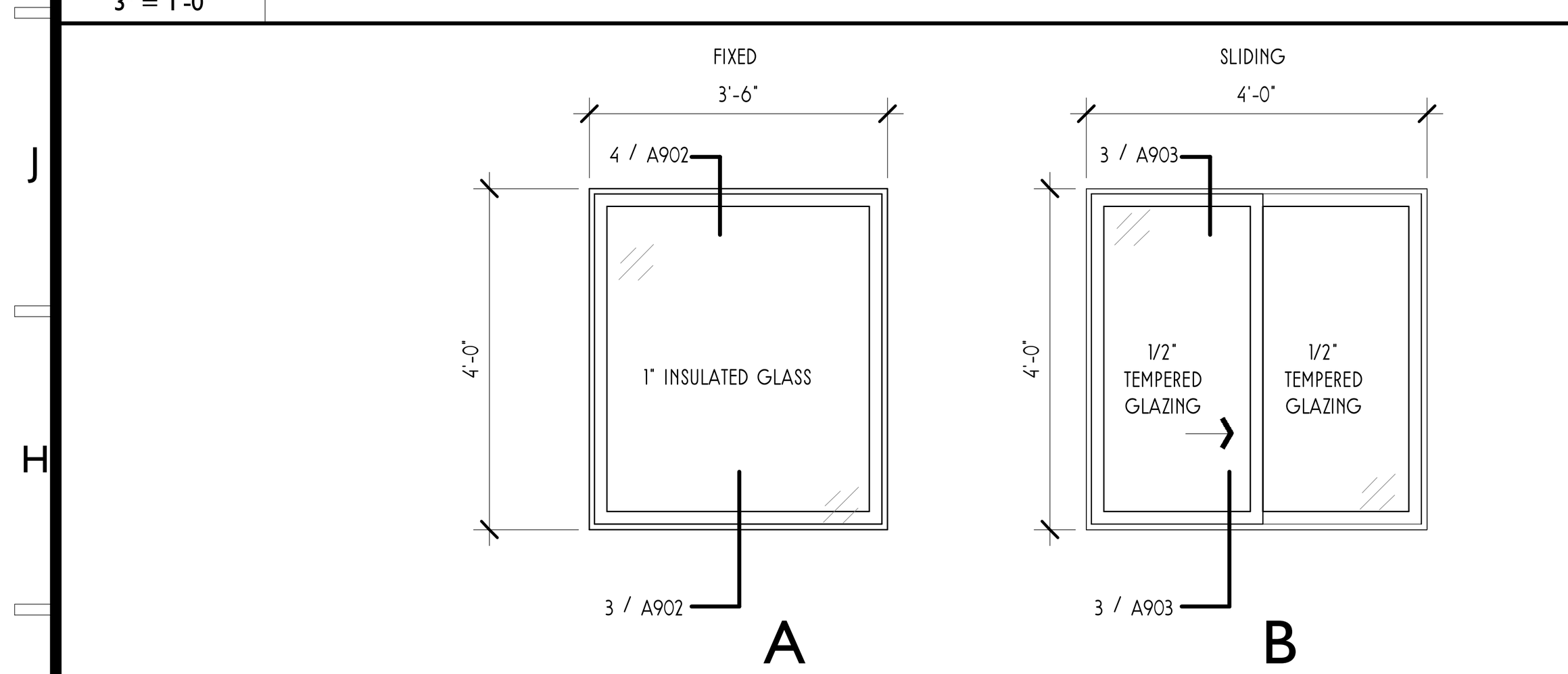
13 Kawneer Jamb Sidelight

3" = 1'-0"



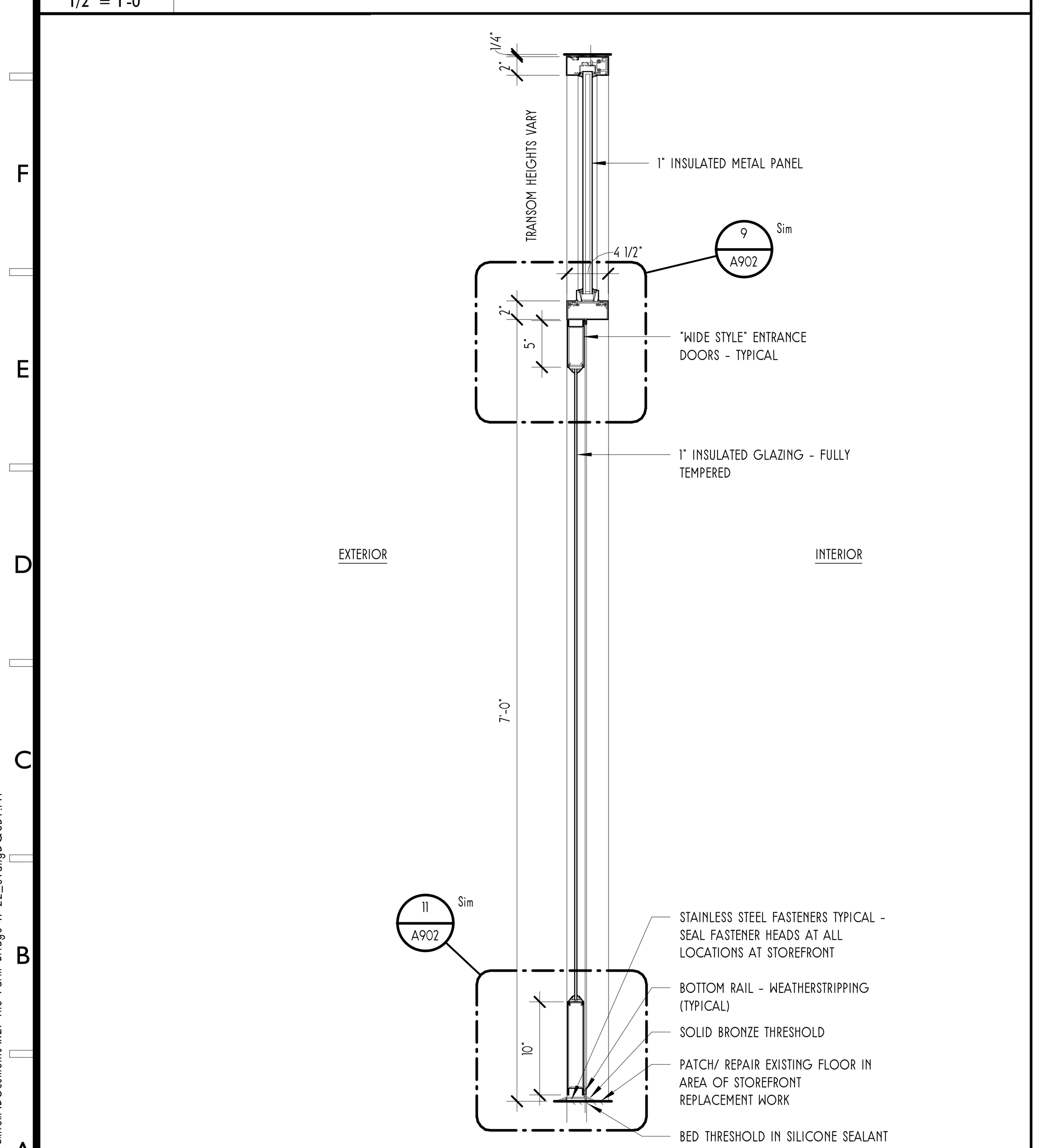
5 IMP Panel

6" = 1'-0"



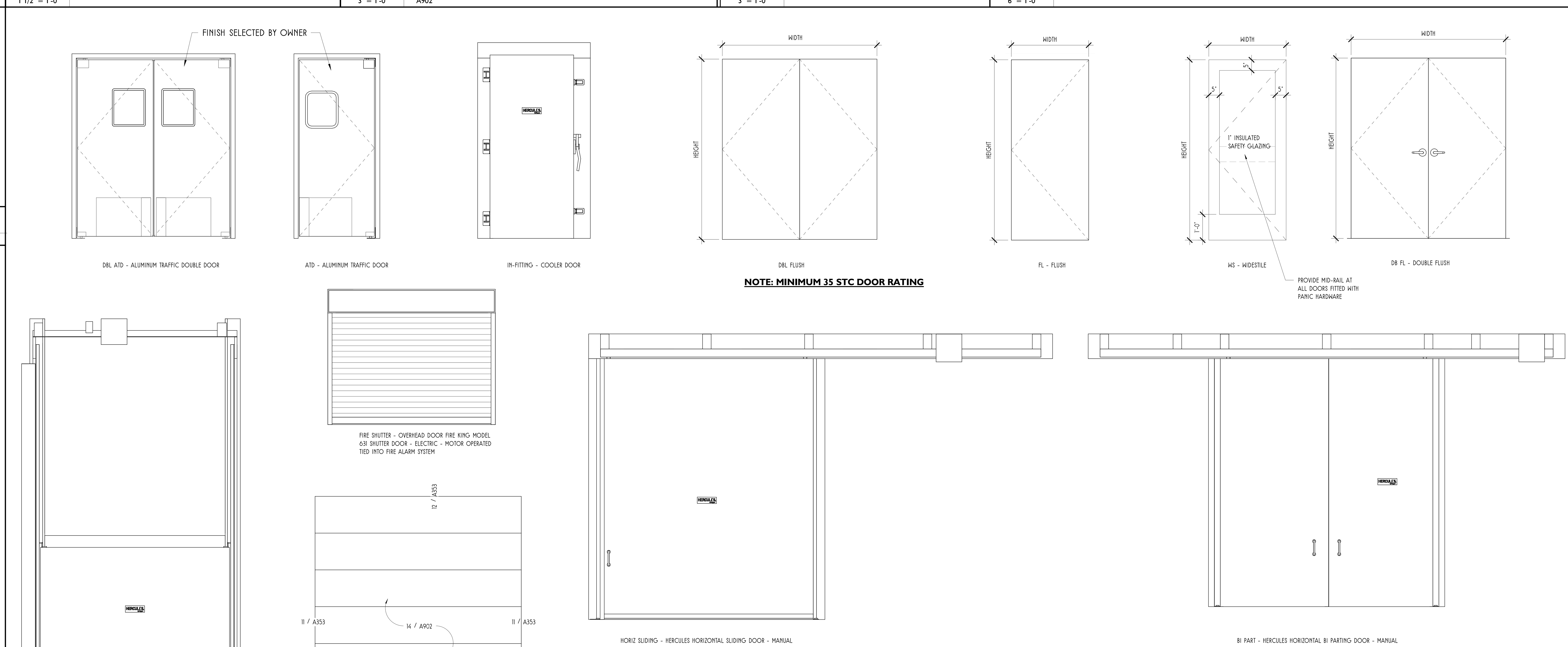
Window Type

1/2" = 1'-0"



12 Kawneer Exterior door detail

1" = 1'-0"



Door Types

1/2" = 1'-0"

CONSULTANT

STAMP

ARCHITECT

SYVERTSEN RIGOSU architects

Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	SRA
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

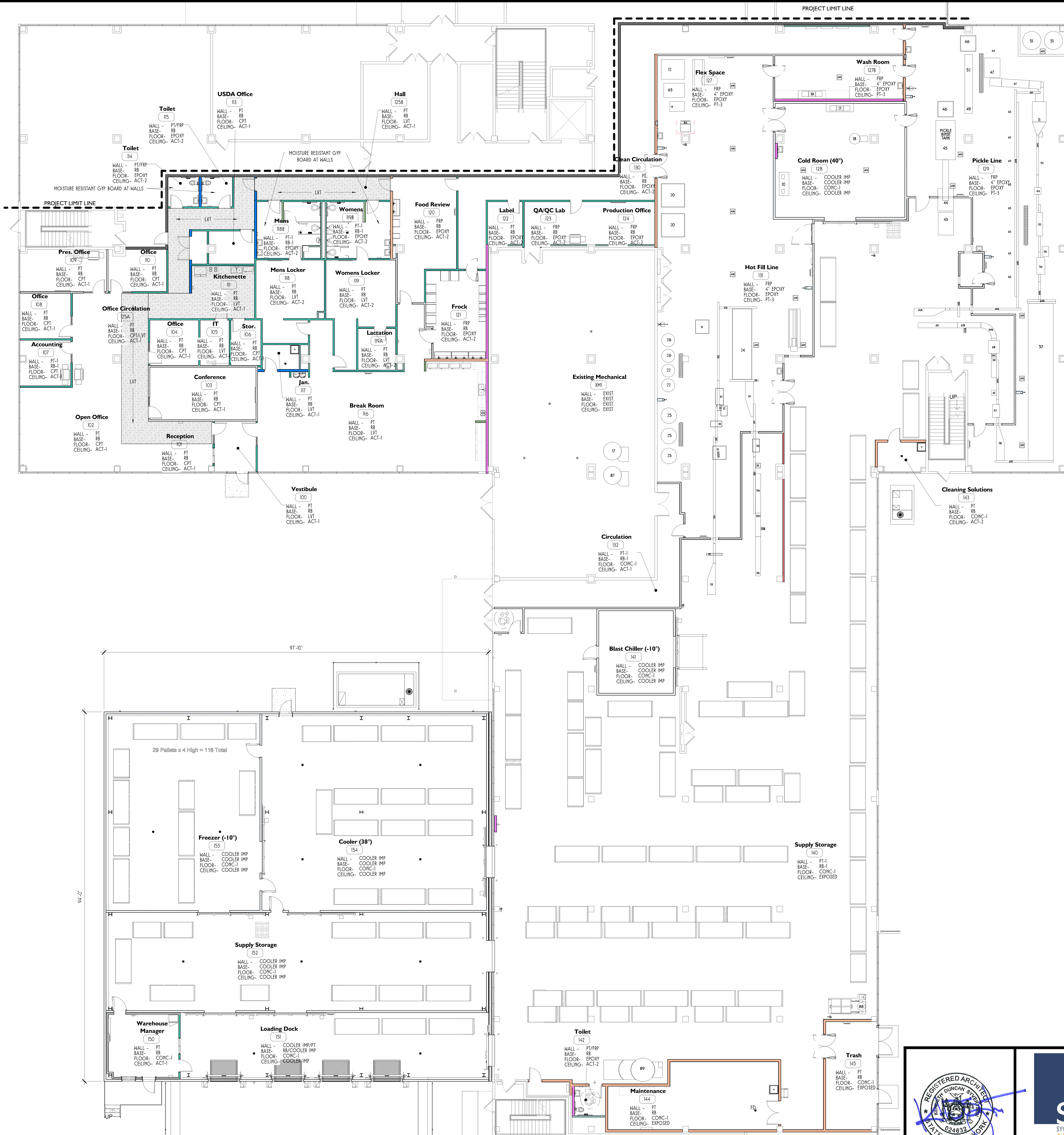
PROJECT INFORMATION

Door & Window Details

SHEET TITLE

A902

SHEET NUMBER



1 First Floor - Finish Plan
3/32" = 1'-0"
A201

CONTRACTOR TO PROVIDE MIN. 10% ATTIC STOCK OF EACH FINISH MATERIAL INSTALLED TO OWNER.

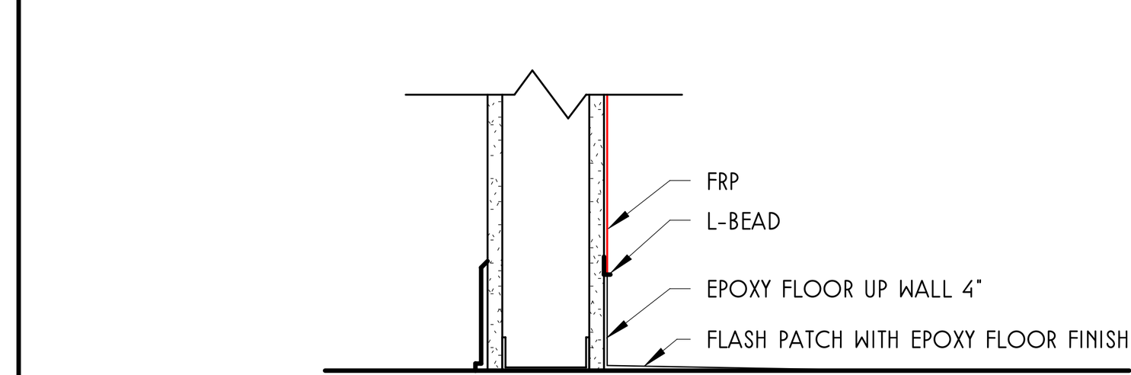
- **MIN. 1 GALLON OF EACH COLOR PAINT.**
- **1 BOX OF EACH CARPET OR LVT TYPE.**
- **1 BOX OF EACH TYPE OF CEILING TILE INSTALLED.**
- **MIN 16 LF OF EACH COLOR BASE MATERIAL INSTALLED.**

NOTE: ALL FINISHES TO BE SELECTED BY OWNER

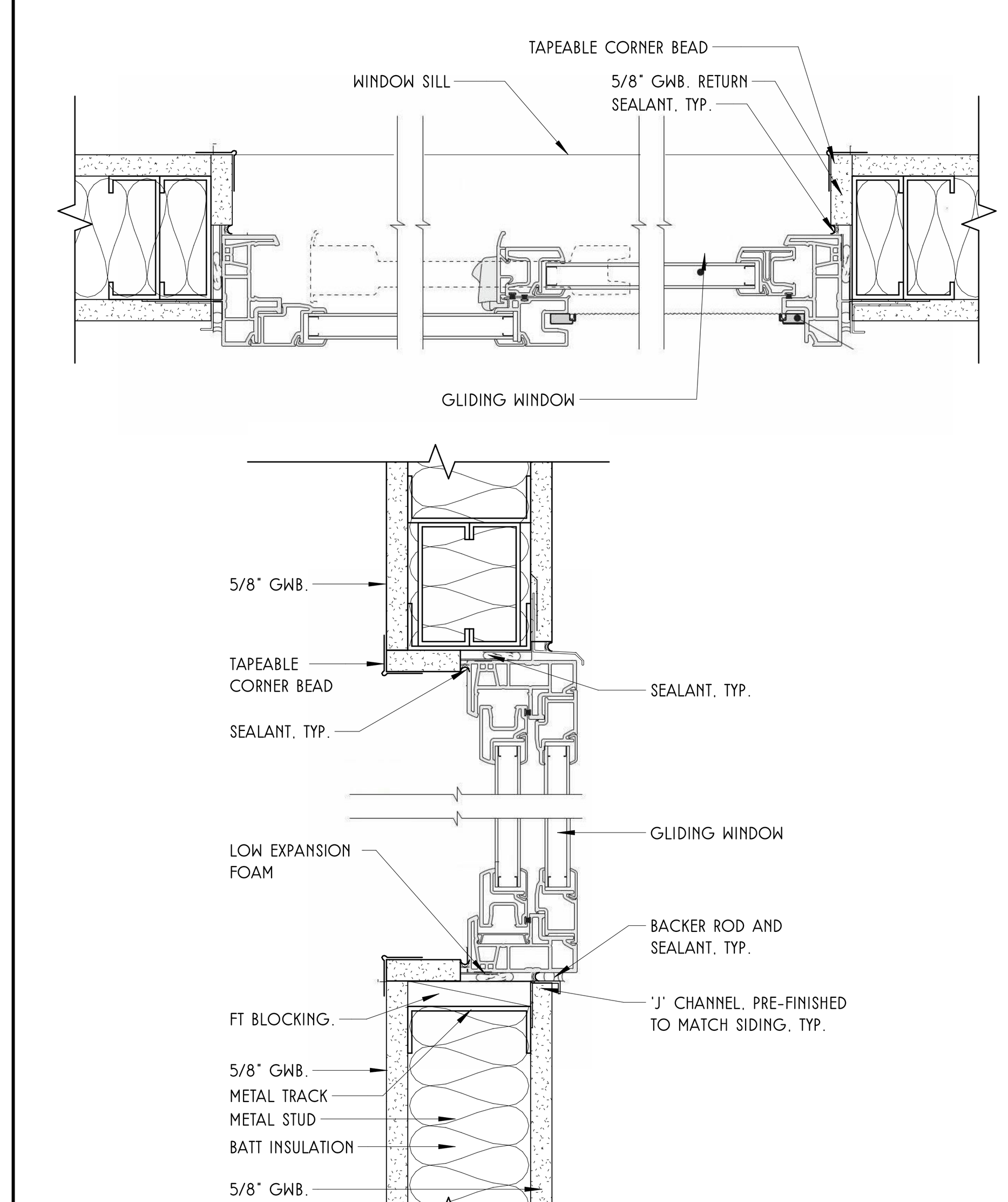
FRP	FRP: FIBERGLASS REINFORCED PLASTIC
LVT	LVT: LUXURY VINYL TILE
CPT	CPT: CARPET
RB	RB: RUBBER WALL BASE
PT	PT: PAINT
ACT-2	ACT-2: 2X4 ACOUSTICAL CEILING TILE - CERTAINTEED VINYL SHIELD A (USDA APPROVED)
ACT-1	ACT-1: 2X4 ACOUSTICAL CEILING TILE - CERTAINTEED BAROQUE
PT-3	PT-3: SHERWIN WILLIAM - 2 CTS PRO INDUSTRIAL WATERBASED CATALYZED EPOXY (USDA APPROVED) - COLOR TO BE SELECTED BY OWNER
CONC-1	CONC-1: SEALED CONCRETE
EPOXY	EPOXY: EPOXY FLOORING STONHARD STONSHIELD - COLOR TO BE SELECTED BY OWNER

Room Finish Schedule

Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Accent Wall	Ceiling Finish	Comments
100	Vestibule	LVT	RB	PT		ACT-1	
101	Reception	CPT	RB	PT		ACT-1	
102	Open Office	CPT	RB	PT		ACT-1	
103	Conference	CPT	RB	PT		ACT-1	
104	Office	CPT	RB	PT		ACT-1	
105	IT	LVT	RB	PT		ACT-1	
106	Stor.	CPT	RB	PT		ACT-1	
107	Accounting	CPT	RB-1	PT-1		ACT-1	
108	Office	CPT	RB	PT		ACT-1	
109	Pres. Office	CPT	RB	PT		ACT-1	
110	Office	CPT	RB	PT		ACT-1	
111	Kitchenette	LVT	RB	PT		ACT-1	
112	Cl.	LVT	RB-1	PT-1		ACT-1	
113	USDA Office	CPT	RB	PT		ACT-1	
114	Toilet	EPOXY	RB	PT/FRP		ACT-2	
115	Toilet	EPOXY	RB	PT/FRP		ACT-2	
116	Break Room	LVT	RB	PT		ACT-1	
117	Jan.	LVT	RB	PT		ACT-1	
118	Mens Locker	LVT	RB	PT		ACT-2	
118B	Mens	EPOXY	RB-1	PT-1		ACT-2	
119	Womens Locker	LVT	RB	PT		ACT-2	
119A	Lactation	LVT	RB	PT		ACT-2	
119B	Womens	EPOXY	RB-1	PT-1		ACT-2	
120	Food Review	EPOXY	RB	FRP		ACT-2	
121	Frock	EPOXY	RB	FRP		ACT-2	
122	Label	EPOXY	RB	PT		ACT-2	
123	QA/QC Lab	EPOXY	RB	FRP		ACT-2	
124	Production Office	EPOXY	RB	FRP		ACT-2	
125A	Office Circulation	CPT/LVT	RB	PT		ACT-1	
125B	Hall	LVT	RB	PT		ACT-1	
127	Flex Space	EPOXY	4" EPOXY	FRP		PT-3	
127B	Wash Room	EPOXY	4" EPOXY	FRP		PT-3	
128	Cold Room (40°)	CONC-1	COOLER IMP	COOLER IMP		COOLER IMP	
129	Pickle Line	EPOXY	4" EPOXY	FRP		PT-3	
129B	Spice						
130	Clean Circulation	EPOXY	RB	PT		ACT-2	
131	Hot Fill Line	EPOXY	4" EPOXY	FRP		PT-3	
132	Circulation	CONC-1	RB-1	PT-1		ACT-1	
135	Vestibule						
140	Supply Storage	CONC-1	RB-1	PT-1		EXPOSED	
141	Blast Chiller (-10°)	CONC-1	COOLER IMP	COOLER IMP		COOLER IMP	
142	Toilet	EPOXY	RB	PT/FRP		ACT-2	
143	Cleaning Solutions	CONC-1	RB	PT		ACT-2	
144	Maintenance	CONC-1	RB	PT		EXPOSED	
145	Trash	CONC-1	RB	PT		EXPOSED	
150	Warehouse Manager	CONC-1	RB	PT		ACT-1	
151	Loading Dock	CONC-1	RB/COOLER IMP	COOLER IMP/PT		COOLER IMP	
152	Supply Storage	CONC-1	COOLER IMP	COOLER IMP		COOLER IMP	
153	Freezer (-10°)	CONC-1	COOLER IMP	COOLER IMP		COOLER IMP	
154	Cooler (38°)	CONC-1	COOLER IMP	COOLER IMP		COOLER IMP	



2 Epoxy Base Detail
1 1/2" = 1'-0"



3 Window Sill
3" = 1'-0"

STAMP

SYVERTSEN RIGOSU architects
ARCHITECT

Revision Schedule		
#	Description	Date

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SCALE	As indicated
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

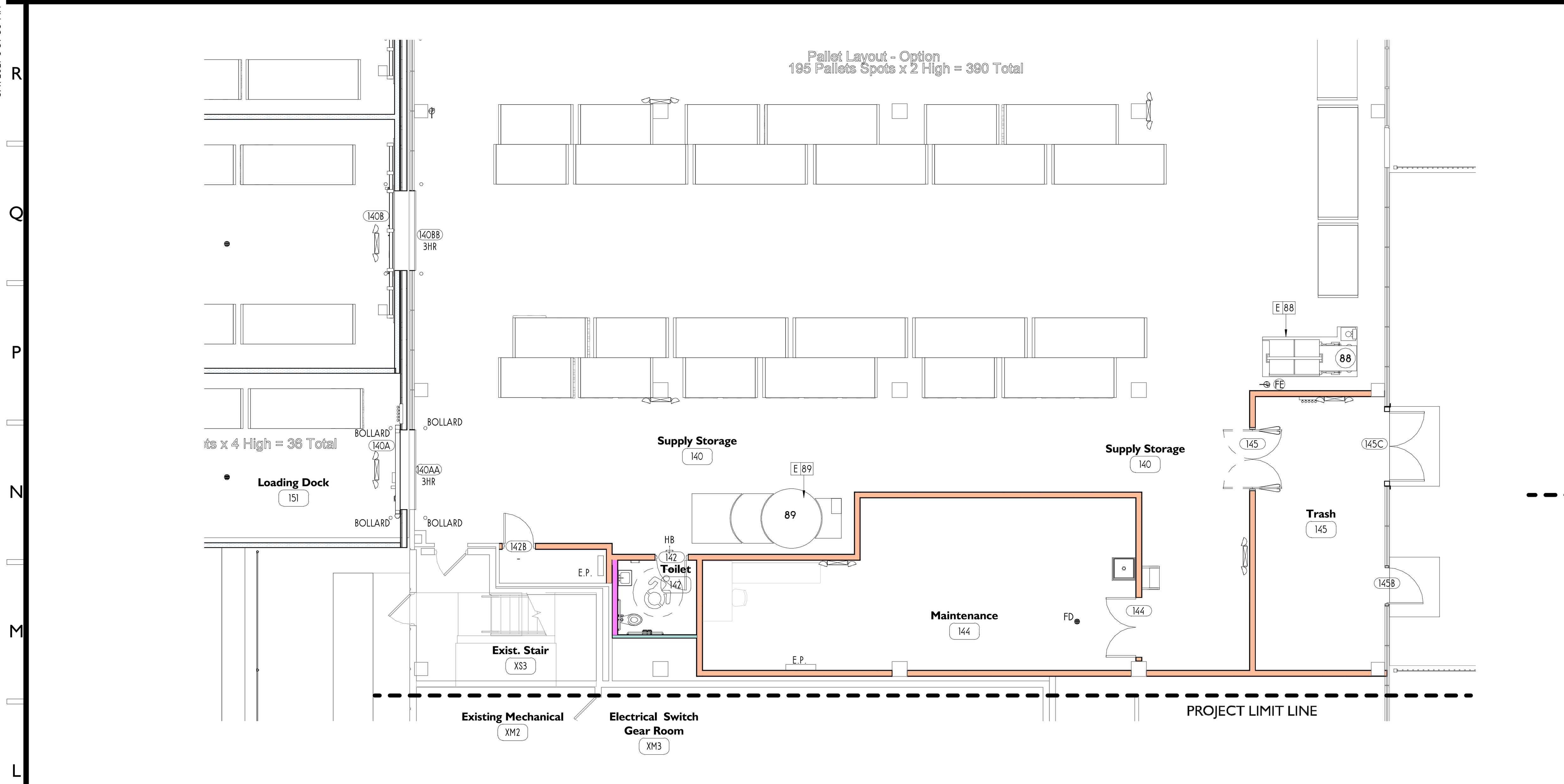
PROJECT INFORMATION

First Floor - Finish Plan

SHEET TITLE

A903

SHEET NUMBER

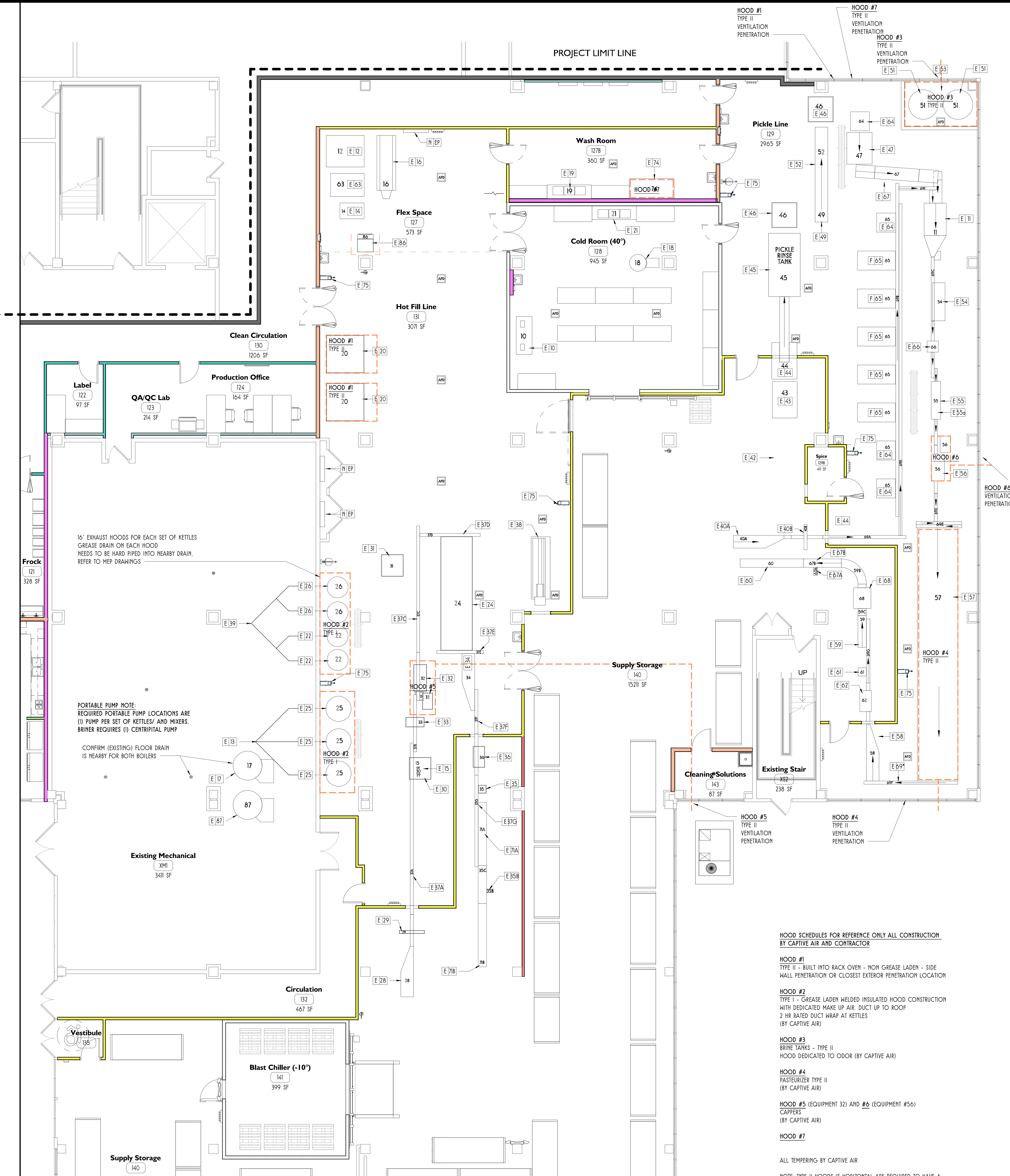


2 Maintenance & Trash Room Equipment

1/8" = 1'-0"   A102

Equipment Schedule

#	Description	Make	Model	Electric	Air	Steam	Water	Drain	Vent	Gas	Height	Width	Length	Comments	Existing	New	E#
				MEP Requirements							Dimensions						
10	SPIRAL CUTTER (CUSTOM W/ SPIRALIZER MOTOR)	BODINE ELECTRIC	34R6BFCI-WX2	115V, 1ph, 60hz, 1.7A	60 PSI,						48"	24"	60"	GEARMOTOR S/N: 1014UGCE0003	X		10
11	PICKLE - CHIP FILLER	SOLBERN	FP637	208-230/460V 3ph, 60hz	80 PSI, 11 CFM						69"	42"	125"	(GLASS JAR FILLER)		X	11
12	FLEX SPACE - SPRINT 2 DICER	URSCHEL	SPRINT 2 DICER	208V 3ph, 3HP (2.2kW) - DROP CORD							61"	60"	72"		X		12
13	HOT FILL - PD PUMP	WAUKESHA CHERRY-BURRELL	UNIVERSAL 2 SERIES	208V, 8A, 3ph, 3HP (2.2kW) - WALL OUTLET										POSITIVE DISPLACEMENT PUMP	X		13
14	HOT FILL - PULPER W/ 10HP PUMP	WARNER BODIES	MODEL 1000	10HP, TEFC, 1800RPM, 230/460V, 3ph, 60Hz							44"	30"	46"	(HARD WIRED)	X		14
15	HOT FILL - ELECTRIC FILLER	SIMPLEX FILLER CO.	V-400	208 30AMP or 220-240 30AMP	6CFM	80 PSI					60"	62"	36"	(SIMILAR)		X	15
16	HOT FILL - BEAN SNIPPER	CHISHOLM RYDER	Bs-1 s/n BST 681 E	208V/ 1PH - 5HP			1/2"	YES			68"	36"	104"	DROP CORD ELECTRICAL CONNECTION	X		16
17	FULTON STEAM BOILER	TROJAN ENERGY SYSTEMS	FULTON CLASSIC ICS 60 BOILER	208V/60Hz/3ph		70 PSIG	INLET ?	YES	12" FLUE	Yes	119"	55" DIA	77"	VERTICAL TUBELESS 60HP STEAM BOILER ON NATURAL GAS	X		17
18	HOBART 140 Qt. MIXER	HOBART	V-1401	230V, 60Hz 5HP 26.5AMP							74"	32"	32"		X		18
19	LARGE 3-BAY INDIRECT FLOOR SINK						YES	YES			43"	26"	84"	(MAKE, MODEL) - EXISTING TO BE RE-USED	X		19
20	RACK OVEN WITH EXHAUST HOOD	BAXTER	OV500G2-EE	208-240V/60Hz/3ph 5amps					Yes	Yes	8'-0"	6'-0"	6'-0"	120V/60Hz 15amp DEDICATED CONTROL CIRCUIT	X		20
21	LARGE 3-BAY INDIRECT FLOOR SINK	CUSTOM	MADE				YES	YES			43"	26"	84"	SIMILAR TO (#19) SEE OWNER		X	21
22	100 GALLON KETTLE	GROEN	TA-100	230V, 10-14A (3-5HP)	YES	?	1"	YES	Yes			3'-4"		FLOOR TROUGH & EXHAUST HOOD		X	22
24	HOT FILL - COOLING TUNNEL	ZBBM	L12M (Custom)	230V/3A/3ph - 208/3ph/HW			1 1/2"	YES			5'-0"	5'-0"	18'-0"	27 JPM, (MAKE, MODEL)		X	24
25	300 GALLON KETTLE	GROEN	RA-300	208-230/460V/ 3ph (3HP MOTOR)		YES	1 1/2"	YES	YES			4'-0"		(EXISTING) EXHAUST HOOD REQUIRED	X		25
26	100 GALLON KETTLE	GROEN	TA-100	230V, 10-14A/ 3ph (3-5HP MOTOR)		YES	1"	YES	YES			3'-4"		(EXISTING) EXHAUST HOOD REQUIRED	X		26
28	HOT FILL - GLASS DUMP CONVEYOR	EAGLESTONE	FRAIN # 5H0189	220V/3A/3ph							41"	41"	100"	ACCUMULATION CONVEYOR		X	28
29	HOT FILL -ORBITER/ GLASS INVERTER	McBrady Engineering	Model #100	230V/3A/3ph	30PSI						6'-0"	4'-0"	5'-0"	(SIMILAR)		X	29
30	HOT FILL - ROTORY GLASS FILLER	2019 INOXPA	SLR 2-40	5HP	YES			YES			5'-0"	5'-0"	5'-0"		X		30
31	HOT FILL - BAG FILLER (POUCHES)	TORR INDUSTRIES	140 FILLER	230V/14A/3ph	90 PSI			YES			5'-0"	5'-0"	5'-0"	(BASIC MODEL, NO NITROGEN OR TANK)	X		31
32	HOT FILL - CAPPER	MASSILY	MY 1000	230V/3A/3ph	YES	80 PSI		YES	4"		8'-7"	4'-10"	9'-0"	VACUUM STEAM SEALING MACHINE		X	32
33	HOT FILL - METAL DETECTOR	LOMA SYSTEMS	IQ4 SERIES	230V/3A/3ph							5'-0"	40"	96"	(METAL DETECTION CONVEYOR)		X	33
34	HOT FILL - ACCUMULATION CONVEYOR	NERCON	FRAIN # R30892	230V/3A/3ph							37"	16"	96"	(USED CONVEYOR, SIM) 1/2" HP DRIVE		X	34
35	HOT FILL - JAR CODER	KEYENCE	MK-U2000	115V/15A/1ph							20"	19"	16"	(ECONOMY MODEL -129020096624IA74D)	X		35
35B	HOT FILL - BOX CODER	Squid Ink	CoPilot	100-240VAC, 50/60Hz							36"	24"	12"	Wi-Fi REQUIRED		X	35B
36	HOT FILL - AIR BLOW LABELER	PACKAGING SYSTEMS INTEGRATION	3115/11 RFID	115V/1ph							70"	57"	96"	(LABEL-AIRE)	X		36
37A	HOT FILL - FILLER INFEED CONVEYOR	TBD	TBD	230V/3A/3ph							40"	6"	>24'-0"	(USED CONVEYOR)		X	37A
37C	HOT FILL - CAPPER DISCHARGE CONVEYOR			230V/3A/3ph							40"	6"	>25'-0"	(MAKE, MODEL) - EXISTING TO BE RE-USED		X	37C
37D	HOT FILL - COOLING TUNNEL INFEED CONVEYOR			230V/3A/3ph							40"	6"	>7'-0"	USED CONVEYOR (MAKE, MODEL) T.B.D.		X	37D
37E	HOT FILL - COOLING TUNNEL DISCHARGE CONVEYOR			230V/3A/3ph							40"	6"	>6'-0"	USED CONVEYOR (MAKE, MODEL) T.B.D.		X	37E
37F	HOT FILL - LABELER INFEED CONVEYOR			230V/3A/3ph							40"	6"	>10'-0"	USED CONVEYOR (MAKE, MODEL) T.B.D.		X	37F
37G	HOT FILL - CASE OFF CONVEYOR			230V/3A/3HP							40"	6"	>14'-0"	USED CONVEYOR (MAKE, MODEL) T.B.D.		X	37G
38	HOT FILL - VEGGIE WASHER	CHARLIES MACHINE & SUPPLY, INC.	INX-WASH	220v-480, 60hz - 4X1HP, 3PH	YES		YES	YES			53"	36"	9'-10"	1HP BLOWER, 2 PUMPS & 1 MOTOR	X		38
39	HOT FILL - UDMC PD PUMP	UDMC	U1 060	SEW VFD 5HP, 460V, NEMA 4X			2 1/2"							(VFD TO BE MOUNTED & WIRED BY UDMC)	X		39
40A	PICKLE - GLASS DUMP CONVEYOR	EAGLESTONE	FRAIN # 5H0189	230V/3A/3ph							41"	41"	100"	(USED ACCUMULATION CONVEYOR, SIMILAR)		X	40A
40B	PICKLE - ORBITER/ GLASS INVERTER	McBrady Engineering	Model #100	230V/3A/3ph	40PSI, 30CFM						72"	48"	60"	(SIMILAR)		X	40B
42	PICKLE - ELECTRIC STACKER	TOYOTA	7BWS13	24V										(OUTLET PLUG)	X		42
43	PICKLE - TOTE DUMPER	GELGOOG MACHINERY	CUCUMBER TOTE	380V/50Hz/3ph				YES			65"	40"	48"	(SEE OWNER FOR CUCUMBER WASH SET-UP)		X	43
44	PICKLE - ELEVATOR	GELGOOG MACHINERY	2500*900*1300mm (ELEVATOR)	380V/50Hz/3ph										(SEE OWNER FOR CUCUMBER WASH SET-UP)		X	44
45	PICKLE - BRUSH-WASHER OR RINSE TANK	GELGOOG MACHINERY	CUCUMBER WASHING MACHINE	380V/50Hz/3ph			1 1/2"	YES			53"	60"	206"	(SEE OWNER FOR CUCUMBER WASH SET-UP)		X	45
46	PICKLE - LARGE TOTE										4'-0"	4'-0"	4'-0"	(PORTABLE) PROVIDED BY OWNER	X		46
47	PICKLE - OV CUTTER	URSCHEL	Y4165 OV SLICER	240V/6A/3ph							4'-0"	15"	24"	(2HP MOTOR DRIVE)	X		47
49	PICKLE - SPEAR CUTTER	REGAL EQUIPMENT	[14605-MSC]	230-460V, 20A, 3ph			1"				3'-0"	4'-0"	4'-0"	SEE OWNER	X		49
51	PICKLE - 250GAL BRINE TANKS	GROEN	RA-250	230V/5A/3HP		60PSI	1 1/2"	YES	YES		105"	55"	55"	STEAM, WATER, DRAIN & EXHAUST	X		51
52	PICKLE - SPEED UP BELT	MAGNUSON BY REGAL	F - S#: 5869-4	1 HP MOTOR, 230V, 3ph, 3A								3" BELT	90"	(SPEAR CUTTER SPEED-UP BELT)	X		52
53	PICKLE - TRANSFER PUMP	WAUKESHA CHERRY-BURRELL	006-U1 S# 112400	480V							36"	16"	36"		X		53
54	PICKLE - TRIM/ WEIGH										36"	24"	6'-0"	TABLE (CONFIRM EXISTING)	X		54
55	PICKLE - BRINER PUMP	SOLBERN	RECIRCULATION PUMP	230V/3A/3ph				YES						SEE OWNER FOR EXISTING BRINER	X		55
55a	PICKLE - EXISTING BRINER	SOLBERN	LSB	230V/3A/3ph	YES			YES			80"	43"	126"	POWER DROP, DROP VALVE OR DIVERTING WEIR? SEE OWNER FOR EXISTING BRINER	X		55a
56	PICKLE - CAPPER	MASILLY	MY 1000	230V/3A/3ph	YES	80 PSI		YES	4"		8'-7"	4'-10"	9'-0"	VACUUM STEAM SEALING MACHINE		X	56
57	PICKLE - PASTEURIZER	ZBBM	12M	230V/3A/3ph	YES	80 PSI	1 1/2"	YES	YES		40"	72"	40'-0"	NEEDS BLOWER & EXHAUST, (MAKE, MODEL) T.B.D.		X	57
58	PICKLE - ACCUMULATOR	NERCON	FRAIN # R30892	230V/3A/3ph							37"	16"	96"	(USED CONVEYOR, SIM) 1/2" HP DRIVE		X	58
59	PICKLE - CASE-OFF GRAVITY CONVEYOR (LEVEL)	Hytrol	10' ROLLER								32"	16"	10'-0"	GRAVITY ROLLER CONVEYOR (LEVEL)		X	59
60	PICKLE - CASE-OFF GRAVITY CONVEYOR (SLOPED)	Hytrol	10' ROLLER								32"	16"	16'-0"	GRAVITY ROLLER CONVEYOR (SIM)		X	60
61	PICKLE - JAR CODER	KEYENCE	MK-U2000	115V/15A/1ph							5'-0"	24"	12"	(ECONOMY MODEL -129020096624IA74D)		X	61
62	PICKLE - ARE BLOW LABELER	PACKAGING SYSTEMS INTEGRATION	3115/11 RFID	115V/1ph							70"	57"	96"	(LABEL-AIRE) SIMILAR	X		62
63	FLEX SPACE - TRIDYNE DRY FILLER	TRIDYNE	F-206 (E-136)	115VAC, 60Hz, 15A	60PSI						88"	44"	64"	EXISTING BAG FILLER	X		63
64	PICKLE - PACKING TABLE							YES			36"	36"	36"	SS TABLE W/ 4"-6" LIP		X	64
66	PICKLE - METAL DETECTOR	LOMA SYSTEMS	IQ4 SERIES	85 - 265 VAC, 1ph, 50/60Hz, 700VA	72-116 PSI						5'-0"	24"	9'-0"	(METAL DETECTION CONVEYOR)		X	66
67	PICKLE - PORTABLE STOCK ELEVATOR	KAMFLEX	715	230/ 3A, 3ph							8'-6"	24"	13'-0"	PORTABLE		X	67
67A	PICKLE - BOX CODER	Squid Ink	CoPilot	100-240VAC, 50/60Hz							36"	24"	12"	Wi-Fi REQUIRED (SIM)		X	67A
67B	PICKLE - BOX CODER CONVEYOR	Hytrol	6TA18 115V/1PH	115-230V/12A-7A/1ph							36"	18"	72"	5' BELT, 1/2HP POWERED CONVEYOR (SIM)		X	67B
68	PICKLE - BOX TAPER (OPTIONAL)	CLEVLEAND	xt554ts	115V/1HP							48"	40"	76"	(S#1204511B) - EXISTING TO BE RE-USED	X		68
69*	PICKLE - CONVEYOR*			230V/3A/3ph							40"	6"	*65'-0"	(AUQUAGARD, 7100) - SIM CONVEYORS*		X	69*
71A	HOT FILL - CASE-OFF GRAVITY CONVEYOR (LEVEL)	Hytrol	10' ROLLER								32"	16"	15'	GRAVITY ROLLER CONVEYOR (SIM)		X	71A
71B	HOT FILL - CASE-OFF GRAVITY CONVEYOR (SLOPED)	Hytrol	10' ROLLER								32"	16"	12'-0"	GRAVITY ROLLER CONVEYOR (SIM)		X	71B
74	WASH ROOM - DOUGLAS WASHER	DOUGLAS MACHINES CORP.	SD-36 WASHER	15HP, 208/240/480V		35-45 PSI	1" NPT @ 20PSI	1 1/4"	YES		87"	38"	85"	(13" PVC EXHAUST VENT & 1 1/4" NPT OVERFLOW)		X	74
75	75'-0" S.S. HOSE REEL	REELCRAFT	D83000 OLS				3/4"							WALL MOUNTED		X	75
86	HOT FILL - ICE MACHINE	SCOTSMAN	HTB350 (SIM)	10HP, TEFC, 1800RPM, 230/460V, 3ph, 60Hz							72"	36"	36"	(RE-USE EXISTING, SEE OWNER)	X		86
87	FULTON STEAM BOILER (PICKLE LINE)	TROJAN ENERGY SYSTEMS	FULTON CLASSIC ICS 60 BOILER	208V/60Hz/3ph		70 PSIG	INLET ?	YES	12" FLUE	Yes	119"	55" DIA	77"	"KOSHER" STEAM BOILER ON NATURAL GAS (SIM #19) SEE OWNER		X	87
88	TRASH - CARDBOARD COMPACTOR	KARGO		208V, 1ph										SEE OWNER FOR EXISTING COMPACTOR	X		88
89	WAREHOUSE PALLET WRAPPER	HANDLE-IT INC.	MII EQUIPMENT, TIRO-TYPE	110/115V, 1ph, 1kW								6'-0"	15'-0"	S# C1700213M - (2017)	X		89
91	AUTOMATIC GREASE TRAP INTERCEPTOR	HIGHLAND TANK	GreaseStopper (AGI-150 RL)	208V, 3ph - (115V, 60Hz -GEAR MOTOR)			<6"	3" - 6"			72"	30"	72" (+12")	GREASE TRAP INTERCEPTOR (W/ SENSORS & ALARM) LOCATED IN EXTERIOR CONCRETE VAULT, REFER TO CIVIL AND PLUMBING DRAWINGS		X	91
92	TRAPZILLA GREASE INTERCEPTOR (75 GPM)	THERMACO	TRAPZILLA TZ-600				4"	4" (75 GPM)			50"	36"	36"	(2 UNITS, PAIRED WITH FLOW SPLITTERS) GREASE TRAP INTERCEPTOR LOCATED IN EXTERIOR CONCRETE VAULT, REFER TO CIVIL AND PLUMBING DRAWINGS		X	92



HOOD SCHEDULES FOR REFERENCE ONLY ALL CONSTRUCTION BY CAPTIVE AIR AND CONTRACTOR

HOOD #1
TYPE II - BUILT INTO RACK OVEN - NON GREASE LADEN - SIDE WALL PENETRATION OR CLOSEST EXTEROR PENETRATION LOCATION

HOOD #2
TYPE I - GREASE LADEN WELDED INSULATED HOOD CONSTRUCTION WITH DEDICATED MAKE UP AIR. DUCT UP TO ROOF
2 HR RATED DUCT WRAP AT KETTLES
(BY CAPTIVE AIR)

HOOD #3
BRINE TANKS - TYPE II
HOOD DEDICATED TO ODOR (BY CAPTIVE AIR)

HOOD #4
PASTEURIZER TYPE II
(BY CAPTIVE AIR)

HOOD #5 (EQUIPMENT 32) AND **#6** (EQUIPMENT #56)
CAPPERS
(BY CAPTIVE AIR)

HOOD #7

ALL TEMPERING BY CAPTIVE AIR

NOTE: TYPE II HOODS IF HORIZONTAL ARE REQUIRED TO HAVE A PITCH AND SUMP FOR WASH

1 First Floor Equipment Plan

1/8" = 1'-0"   A101

CONSULTANT

STAMP

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Revision Schedule		
#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE 1/8" = 1'-0"
DRAWN BY JJ

ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge

The Farm Bridge Tenant Fit Up

101 Enterprise Drive, Building 201
Kingston, NY 12401

PROJECT INFORMATION

First Floor - North Equipment Plan

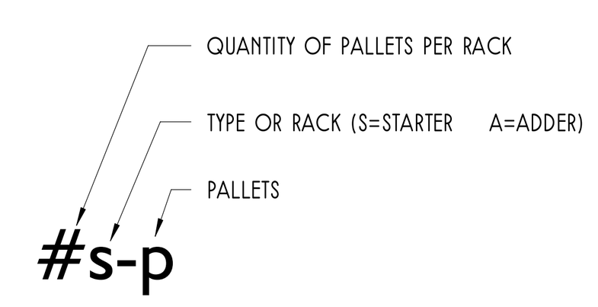
SHEET TITLE

EQ101

SHEET NUMBER

Pallet Diagram Color Chart

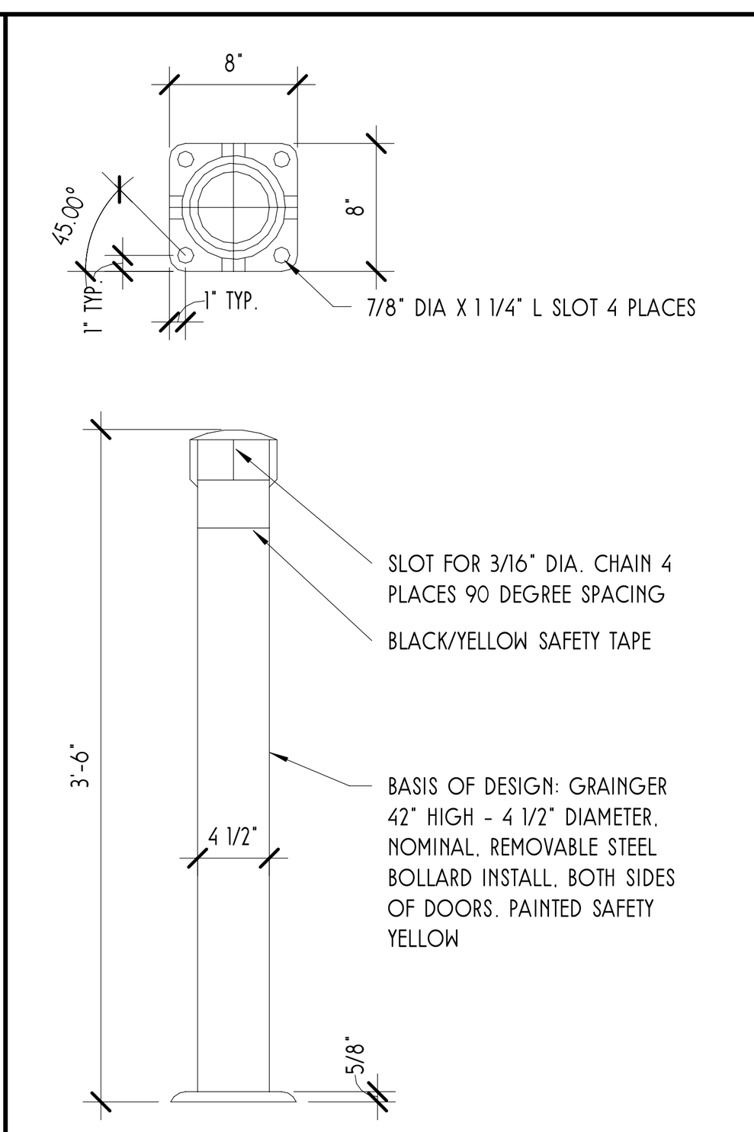
***FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK**
***THIS DRAWING CONTAINS GRAPHICS THAT ARE IN COLOR AND FOR BIDDING AND CONSTRUCTION PURPOSES, THIS DRAWING MUST BE PRINTED IN COLOR TO UNDERSTAND THE FULL SCOPE OF WORK.**



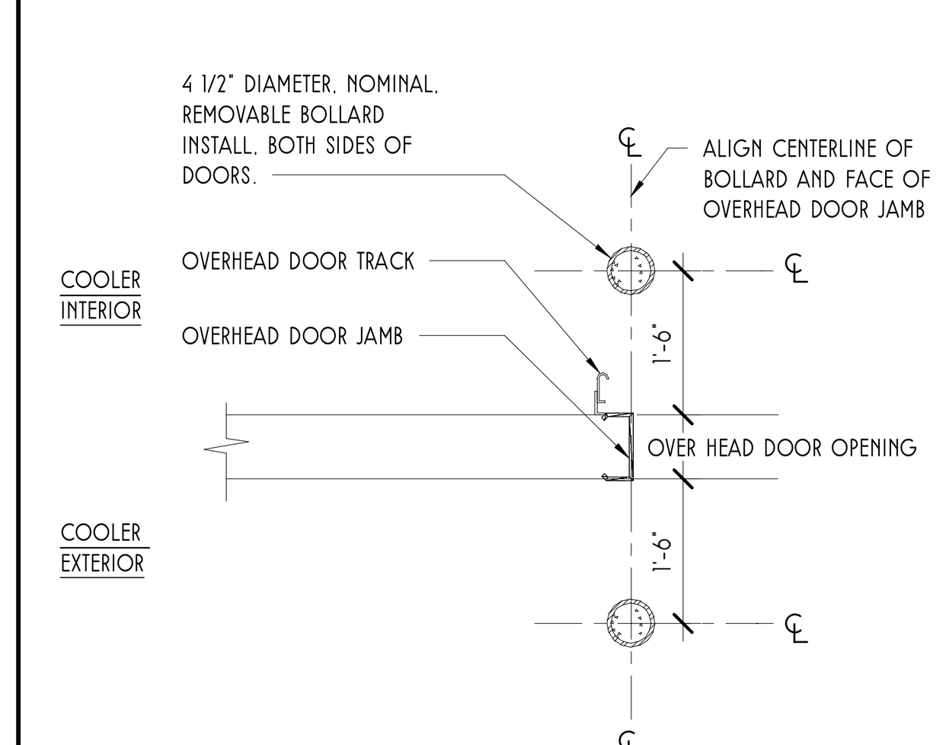
NOTE*
OWNER TO COORDINATE AND FINALIZE MANUFACTURER, MODEL NUMBER, TOTAL WEIGHT CAPACITY AND CONFIGURATION FOR ALL RACKS

Pallet Racking Schedule

	Type Mark - Pallet Quantities	Type Comments	Manufacturer	Keynote	Model	Assembly Code	SSG_Short Description	Comments	SSG_Toll Free Number	URL
20	4a-p	Adder	Cisco Eagle	Pallet Rack with Wire Decking - Starter, 2 Beam Levels - 96"w x 48"d x 120"h - 4000 Cap. Beams	SKU: A48120AG-350-96-2-D	Steel King	Pallet Rack		1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (4a-p)
	4a-p: 5									
64	4s-p	Starter	Cisco Eagle	Pallet Rack with Wire Decking - Starter, 2 Beam Levels - 96"w x 48"d x 120"h - 4000 Cap. Beams	SKU: S48120AG-350-96-2-D	Steel King	Pallet Rack		1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (4a-p)
	4s-p: 16									
252	6a-p	Adder	Cisco Eagle	Pallet Rack with Wire Decking - Adder, 2 Beam Levels - 144"w x 48"d x 96"h - 8020 Cap. Beams	SKU: A4896AP-600-144-2-D	Steel King	Pallet Rack	Total capacity 16040 lbs	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (6a-p)
	6a-p: 42									
54	6s-p	Starter	Cisco Eagle	Pallet Rack with Wire Decking - Starter, 2 Beam Levels - 144"w x 48"d x 96"h - 8020 Cap. Beams	SKU: S4896AP-600-144-2-D	Steel King	Pallet Rack	Total capacity 16040 lbs	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (6s-p)
	6s-p: 9									
16	8a-p	Adder	Cisco Eagle	Pallet Rack with Wire Decking - Adder, 4 Beam Levels - 96"w x 42"d x 192"h - 5080 Cap. Beams	SKU: A42192BP-400-96-4-D	Steel King	Pallet Rack	Total Capacity: 20320 lbs.	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (8a-p)
	8a-p: 2									
48	8s-p	Starter	Cisco Eagle	Pallet Rack with Wire Decking - Starter, 4 Beam Levels - 96"w x 42"d x 192"h - 5080 Cap. Beams	SKU: S42192BP-400-96-4-D	Steel King	Pallet Rack	Total Capacity: 20320 lbs.	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (8s-p)
	8s-p: 6									
264	12a-p	Adder	Cisco Eagle	Pallet Rack with Wire Decking - Adder, 4 Beam Levels - 144"w x 42"d x 144"h - 8020 Cap. Beams	SKU: A42144AP-600-144-4-D	Steel King	Pallet Rack	Total Capacity: 22780 lbs.	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (12a-p)
	12a-p: 22									
108	12s-p	Starter	Cisco Eagle	Pallet Rack with Wire Decking - Starter, 4 Beam Levels - 144"w x 42"d x 144"h - 8020 Cap. Beams	SKU: S42144AP-600-144-4-D	Steel King	Pallet Rack	Total Capacity: 22780 lbs.	1-888-676-1223	https://www.cisco-eagle.com/catalog/category/833/with-decking (12s-p)
	12s-p: 9									
	Grand total: 111									



3 Bollard Detail
1" = 1'-0"



NOTE: COORDINATE ALL LOCATIONS OF BOLLARDS WITH THE OWNER IN THE FIELD PRIOR TO INSTALLATION

2 Bollard Location
1/2" = 1'-0"

1 Overall Floor Plan - Pallet
1/16" = 1'-0"
A201

CONSULTANT

STAMP

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Revision Schedule

#	Description	Date

ITEMS DELINEATED IN THIS SET OF PLANS ARE PROPRIETARY OF SYVERTSEN RIGOSU ARCHITECTS, PLLC (SRA). UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF SUCH CONSTRUCTION OR BUILDING BEING SEIZED AND RAZED.

SCALE	As indicated
DRAWN BY	EG
ISSUED FOR	DATE
PERMITTING	06.03.2021

907 20 002

The Farm Bridge
The Farm Bridge Tenant Fit Up
101 Enterprise Drive, Building 201
Kingston, NY 12401
PROJECT INFORMATION

Floor Plan - Pallet
SHEET TITLE
FF100
SHEET NUMBER

6/3/2021 4:37:19 PM

GENERAL NOTES:

1. THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER TRADES AND THE BUILDING STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH OTHER SYSTEMS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF HIS WORK.
3. THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS AS REQUIRED WHERE ACCESSIBILITY TO COMPONENTS (VALVES, TRAPS, CLEANOUTS, ETC.) IS REQUIRED FOR MAINTENANCE AND/OR SYSTEM OPERATION.
4. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.
5. ALL PENETRATIONS THROUGH FOUNDATIONS AND EXTERIOR WALLS SHALL BE SEALED WITH EDPM OR EDPM RUBBER GASKET AND SEALED WITH A WATERPROOF, NON-HARDENING SEALANT.
6. FURNISH AND INSTALL UNDER SINK PROTECTIVE PIPE COVER KITS ON EXPOSED PIPING AT ALL ADA ACCESSIBLE SINKS AND LAVATORIES.
7. COORDINATE FIXTURE ROUGH-INS AND INSTALLATIONS WITH THE ARCHITECTURAL PLANS.
8. ALL EXPOSED DOMESTIC WATER DISTRIBUTION PIPING IS TO BE INSULATED.
9. PROVIDE SHUT-OFF VALVES AT ALL BRANCH PIPING TAKE-OFFS (UNO) AND AT ALL CONNECTIONS TO EQUIPMENT. PROVIDE UNIONS AT ALL EQUIPMENT CONNECTIONS.
10. PROVIDE DRAINS WITH HOSE ADAPTERS AND CAPS ON PIPING AT ALL LOW POINTS. PROVIDE MANUAL VENTS ON PIPING AT ALL HIGH POINTS.
11. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
12. ALL REQUIRED MOTOR STARTERS SHALL BE FURNISHED BY THIS CONTRACTOR AND INSTALLED BY THE E.C.
13. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE FURNISHED & INSTALLED BY THIS CONTRACTOR.
14. WHERE INSTALLATION OR REMOVAL OF BELOW-SLAB PIPING IS INDICATED IN EXISTING CONCRETE SLAB, THIS CONTRACTOR SHALL SAW-CUT AND EXCAVATE THE EXISTING SLAB AS REQUIRED. UPON COMPLETION OF WORK, THIS CONTRACTOR SHALL PATCH THE CONCRETE SLAB. FLOOR FINISH WORK BY G.C.
15. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE REFERENCED EQUIPMENT OR SYSTEMS IN THEIR ENTIRETY AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
16. CONTRACTOR SHALL PROVIDE ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
17. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT; DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
18. IT IS THE INTENTION THAT THESE SPECIFICATIONS, AND DRAWINGS ACCOMPANYING SAME, SHALL PROVIDE FOR THE FURNISHING AND INSTALLING OF THE () SYSTEMS COMPLETE AS SPECIFIED AND SHOWN. ANY WORK SHOWN ON THE DRAWINGS AND NOT PARTICULARLY DESCRIBED IN THE SPECIFICATIONS OR VICE VERSA, OR ANY WORK CHANGES WHICH MAY BE EVIDENTLY NECESSARY TO COMPLETE THE INSTALLATION SHALL BE FURNISHED BY THIS CONTRACTOR.
19. IT IS THE INTENT AND PURPOSE OF THESE SPECIFICATIONS AND DRAWINGS TO INCLUDE AND PROVIDE FOR ALL MATERIALS, APPLIANCES AND LABOR TO PROPERLY COMPLETE AND LEAVE IN PERFECT WORKING CONDITION THE ENTIRE SYSTEM HEREINAFTER SPECIFIED. ANY MATERIAL, LABOR OR APPLIANCE NOT SPECIFICALLY MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS, BUT NECESSARY FOR A COMPLETE INSTALLATION MUST BE FURNISHED BY THIS CONTRACTOR.
20. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

PLUMBING DEMOLITION NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
2. REMOVE ALL EQUIPMENT AND PIPING AS INDICATED ON PLAN. REMOVALS SHALL INCLUDE ALL FITTINGS, SUPPORTS AND HANGERS.
3. ANY DISCREPANCIES BETWEEN THE DEMOLITION PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. ANY DEMOLITION WORK WHICH MAY BE QUESTIONABLE DUE TO UNFORESEEN FIELD CONDITIONS SHALL NOT BE REMOVED UNTIL REVIEWED BY THE ARCHITECT, ENGINEER OR BUILDING FACILITIES MANAGER.
4. DEMOLITION WORK SHALL INCLUDE THE PREPARATION OF EXISTING EQUIPMENT OR PIPING FOR CONNECTION TO NEW WORK. COORDINATE DEMOLITION WORK WITH THE CONSTRUCTION PLANS.
5. ALL EQUIPMENT REMOVALS SHALL BECOME THE PROPERTY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF DEMOLITION ITEMS OFF-SITE, UNLESS OTHERWISE NOTED.
6. ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
7. IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.
8. THE PLANS ARE INTENDED TO CONVEY THE EXTENT AND SCOPE OF THE DEMOLITION WORK. EVERY ITEM INTENDED FOR REMOVAL MAY NOT BE SHOWN. THE CONTRACTOR IS ADVISED TO SURVEY THE PROJECT SITE BEFORE SUBMITTING A BID FOR DEMOLITION WORK.

GAS PIPING NOTES:

1. GAS PRESSURE WITHIN BUILDING SHALL NOT EXCEED 1/2 PSIG. PRIOR TO CONNECTION TO GAS SERVICE. ALL INDOOR ABOVE GROUND GAS PIPING (NOT COATED OR WRAPPED) SHALL BE TESTED WITH AIR PRESSURE AT 15 PSIG FOR A PERIOD OF 1 HOUR WITH NO LOSS IN PRESSURE. ALL COATED OR WRAPPED GAS PIPING SHALL BE TESTED W/AIR PRESSURE AT 100 PSIG FOR A MINIMUM OF 1 HOUR WITH NO LOSS IN PRESSURE.
2. COORDINATE INSTALLATION AND FINAL CONNECTION OF GAS LINES WITH KITCHEN CONTRACTOR & G.C.
3. ALL GAS PIPING SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS NFPA-54.
4. GAS PIPING UNDER SLABS, AND CROSSING CORRIDORS SHALL HAVE GAS TIGHT VENTED SLEEVES. (VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS).
5. RELIEF VALVES AND NORMALLY OPEN VENT VALVES SHALL BE VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS.
6. PRESSURE REGULATING & OVER PRESSURE PROTECTION DEVICES LOCATED OUTSIDE SCHOOL BUILDINGS SHALL ENCLOSED IN A CABINET OR FENCED OUTSIDE AREA OF DURABLE STRUCTURAL MATERIALS WHICH WILL WITHSTAND ANY LOADS TO WHICH THEY MAY BE SUBJECTED.
7. ALL GAS PIPING 3" ø & LARGER SHALL HAVE WELDED FITTINGS & CONNECTIONS. ALL GAS PIPING 2 ½" & SMALLER SHALL HAVE GAS-TIGHT THREADED CONNECTIONS w/ THREAD SEALANT APPROVED FOR NATURAL GAS SERVICE.
8. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR THE INSTALLATION OF THE NEW NATURAL GAS SERVICE TO BLDG. w/ LOCAL UTILITIES APPROXIMATELY THREE (3) WEEKS PRIOR TO START OF WORK. ALL GAS PIPING FROM MAIN UNDER STREET UP TO AND INCLUDING METER AT BLDG. SHALL BE BY UTILITY COMPANY. ALL TRENCHING, BEDDING & BACKFILL SHALL BE BY PLUMBING CONTRACTOR AS PER O&R REQUIREMENTS. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GAS PIPING FROM CONNECTION OF METER OUTLET TO THROUGHOUT BLDG. AS PER PLANS, SPECIFICATIONS, NYS FUEL GAS CODE, NFPA-54, LOCAL CODES, AS WELL AS UTILITY COMPANY REQUIREMENTS. PLUMBING CONTRACTOR SHALL COORDINATE SCHEDULING REQUIREMENTS w/ SITE CONTRACTOR AS WELL. PLUMBING CONTRACTOR SHALL APPLY & OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
9. ALL GAS PIPING PASSING THROUGH MASONRY WALLS SHALL BE SLEEVED w/ SCH. 80 PVC.
10. COORDINATE INSTALLATION OF GAS PIPING w/ALL OTHER TRADES PRIOR TO INSTALLATION.

GAS PIPING SPECIFICATIONS

A. LOW PRESSURE (14 INCHES WATER COLUMN AND BELOW) GAS LINES SHALL BE BLACK STEEL, SCHEDULE 40, ASTM A-120, WITH MALLEABLE THREADED FITTINGS FOR 2 INCH AND SMALLER, AND WITH WELDED JOINTS FOR 2-1/2 INCH AND LARGER. MEDIUM PRESSURE (ABOVE 14 INCHES WATER COLUMN) SHALL HAVE WELDED JOINTS.

B. PROVIDE A GAS COCK, DIRT LEG, AND UNION CONNECTION TO EACH PIECE OF EQUIPMENT. PROVIDE GAS METER AND/OR REGULATOR AS REQUIRED.

C. SLOPE PIPING AT A UNIFORM GRADE OF 1/4 INCH IN 15 FEET UPWARD IN DIRECTION OF FLOW. SUPPORT PIPING EVERY 5 FEET. SUPPORT AS REQUIRED BY LANDLORD CRITERIA OR BY STANDARD INDUSTRY PRACTICE, WHICHEVER IS MORE STRINGENT.

D. INSTALLATION, TESTING, AND PURGING OF GAS PIPING SHALL BE DONE PER THE REQUIREMENTS OF THE LOCAL GAS COMPANY, LOCAL CODES, AND APPLICABLE NFPA 54 SECTIONS.

E. CONTACT AND COORDINATE GAS SERVICE AND METER REQUIREMENTS WITH THE LOCAL GAS COMPANY.

GENERAL PLUMBING NOTES:

1. KITCHEN FIXTURES ONLY SHALL BE SERVED WITH (140°F) HOT WATER. (120°F) HOT WATER WILL SERVE HAND WASHING FIXTURES IN KITCHEN.
2. ALL OTHER AREAS SHALL BE SERVED WITH (110°F) HOT WATER. MAXIMUM OUTLET TEMPERATURE FOR ANY FIXTURE (EXCEPT THOSE IN KITCHEN) SHALL BE SET @ 100°F.
3. DRAIN PIPING SHOWN ON PLANS SHALL BE INSTALLED BELOW THE FLOOR SHOWN (BELOW SLAB OR ABOVE CEILING OF LOWER FLOOR AS APPROPRIATE) UNLESS OTHERWISE NOTED.
4. ALL PLUMBING SUPPLY & VENT PIPING SHOWN SHALL BE INSTALLED IN THE CEILING OF THE FLOOR PLAN SHOWN, UNLESS OTHERWISE NOTED.
5. PLUMBING CONTRACTOR IS RESPONSIBLE FOR OWN CUTTING & PATCHING AS REQUIRED. FINISHING SHALL BE BY GENERAL CONTRACTOR.
6. INSTALL SECTIONALIZING VALVES AT ALL MAIN "T" ON DOMESTIC HOT & COLD WATER SERVICE.
7. VENT PIPING UNDER SLABS SHALL BE A MINIMUM OF 2".
8. WASTE PIPING UNDER SLABS SHALL BE A MINIMUM OF 3".
9. ALL PLUMBING FIXTURES AND TRIM SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS ALL ADA AND ANSI-A-117.1 REQUIREMENTS.
10. INSTALL CONDENSATION CONTROL INSULATION: MINIMUM 1"-INCH THICK FOR ALL PIPE SIZES.
    A. COOLING COIL CONDENSATION PIPING TO WASTE PIPING FIXTURE OR INLET. (COORDINATE W/ MECHANICAL CONTRACTOR).
    B. PLUMBING PIPING AS FOLLOWS:
        a. BODY OF ROOF DRAINS AND STORM PIPE OF HORIZONTAL & VERTICAL RUNS, & OFFSETS (INCLUDING ELBOWS) OF INTERIOR DOWN SPOUT PIPING IN ALL AREAS.
        b. WASTE PIPING FROM ELECTRIC WATER COOLERS TO DRAINAGE SYSTEM.
        c. WASTE PIPING LOCATED ABOVE BASEMENT FLOOR FROM AIR HANDLING UNITS, FROM FIXTURE (INCLUDING TRAP) TO MAIN VERTICAL WASTE PIPE. (COORDINATE W/ MECHANICAL CONTRACTOR).
        d. COLD WATER PIPING.
11. HOT & HOT WATER RETURN PIPING SHALL BE INSULATED PER WRITTEN SPECIFICATIONS AND NYS ENERGY CONSERVATION CONSTRUCTION CODE.
12. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ROOF DRAINS AND FOR ADDITIONAL ROOF DRAIN WORK NOT SHOWN ON PLUMBING DRAWING.
13. ROOF LEADERS MUST BE CONVEYED INDEPENDENTLY FROM SANITARY SEWER SYSTEMS, (STORM DRAIN SHALL NEVER TIE INTO SANITARY SEWER SYSTEM).
14. UNLESS OTHERWISE NOTED, ALL VALVES 2" ø & SMALLER SHALL BE QUARTER-TURN BALL VALVES AND ALL VALVES 2½" & LARGER SHALL BE GATE VALVES. ALL VALVES SHALL BE OF FULL-PORT DESIGN.
15. PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
16. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING BEDDING AND BACK FILLING AS PER SPECIFICATIONS. ALL TRENCH WORK TO BE COORDINATED WITH THE GENERAL CONSTRUCTION CONTRACTOR.
17. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.

DOMESTIC WATER HEATER NOTES:

1. PIPE P&T VALVE TO FLOOR DRAIN.
2. PROVIDE BOILER DRAINS FOR EACH HEATER.
3. PROVIDE 4" CONCRETE HOUSEKEEPING PAD UNDER WATER HEATERS AND EXPANSION TANK.
4. PROVIDE UNIONS AT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT.
5. ALL VALVES TO BE 1/4 TURN BALL VALVES, FULL PORT, UNLESS OTHERWISE NOTED.
6. INDEPENDENTLY SUPPORT PUMPS AS NECESSARY. ELECTRICAL CONNECTION BY E.C. CONTROL BY THIS CONTRACTOR.
7. MOTORIZED SOLENOID VALVES FOR SAFETY SHUTDOWN SHALL BE INSTALLED WITH AQUASTAT CONTROLLER SET AT +15°F ABOVE DELIVERY TEMPERATURE (ADJUSTABLE). VALVES SHALL BE SELF CONTAINED, AUTOMATIC RESETTING.

EQUIPMENT PLUMBING NOTES:

1. EQUIPMENT SUPPLIED BY A VENDOR OTHER THAN THE KEC HAVE ALL PLUMBING, ELECTRICAL, AND HVAC MECHANICAL CONNECTIONS VERIFIED PRIOR TO CONSTRUCTION.
2. ALL ROUGH-INS MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE STATE & LOCAL CODES.
3. REFER TO EQUIPMENT SPECIFICATIONS BOOKLET FOR ADDITIONAL INFORMATION ON SUPPLIED KITCHEN EQUIPMENT.
4. ALL ROUGH-INS AND FINAL CONNECTIONS TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR.
5. GAS MAIN TO KITCHEN AREA REQUIRES A ELECTRIC-ACTUATED GAS SHUT OFF SOLENOID VALVE TO BE SUPPLIED & INSTALLED BY THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
6. KITCHEN EQUIPMENT CONTRACTOR TO FURNISH GAS COOKING EQUIPMENT WITH PRESSURE REGULATORS & ALL OTHER APPURTENANCES REQUIRED PER MANUFACTURERS SPECIFICATIONS AND LOCAL CODES.
7. ALL INDIRECT DRAINS LINES ARE TO BE PIPED TO FLOOR DRAINS BY PLUMBING CONTRACTOR AND AIR GAPPED AS PER CODE.
8. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEM UNIT MIXING VALVES.
9. KITCHEN EQUIPMENT TO BE PROVIDED & SET IN PLACE BY KITCHEN CONTRACTOR. ALL ROUGH-INS FINAL CONNECTIONS BY PLUMBING CONTRACTOR. COORDINATE WITH KITCHEN CONTRACTOR FOR EXACT LOCATIONS.
10. ALL FAUCETS FOR FOOD SERVICE EQUIPMENT FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR TO BE INSTALLED BY P.C.
11. SEE DWG (EQ101) FOR ENLARGED KITCHEN LAYOUT PLAN, DETAILS, NOTES & MORE INFORMATION.
12. ALL APPURTENANCES AND SPECIALTIES REQUIRED FOR KITCHEN EQUIPMENT (GAS PRESSURE REGULATORS, WATER PRESSURE REDUCING VALVES, ETC.) TO BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR.

PIPING SYMBOLS

- DIRECTION OF FLOW
- ANCHOR
- PIPE GUIDE
- REDUCER OR INCREASER
- ECCENTRIC REDUCER
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- PIPE DOWN TURN
- PIPE RISE
- UNION
- DIRECTION OF PIPE PITCH (DOWN)

VALVE SYMBOLS

- GATE VALVE - THREADED/FLANGED
- CHECK VALVE
- STRAINER
- BALL VALVE

PLUMBING LINE TYPES

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- COLD WATER SUPPLY
- HOT WATER RETURN
- HOT WATER SUPPLY
- VENT PIPE

(REF TABLE C403.2.10 IECC 2015)

MINIMUM PIPE INSULATION - COMMERCIAL

(THICKNESS IN INCHES) (a,b)

FLUID OPERATING TEMPERATURE RANGE AND USAGE, °F	NOMINAL PIPE OR TUBE SIZES				
	< 1"	1" to <1 ½"	1 ½" to <4"	4" to <8"	8" and larger
ABOVE 350	4½	5	5	5	5
251-350	3	4	4½	4½	4½
201-250	2½	2½	2½	3	3
141-200	1½	1½	2	2	2
105-140	1	1	1½	1½	1½
40-60	½	½	1	1	1
BELOW 40	½	1	1	1	1½

a. FOR PIPING SMALLER THAN 1 ½" AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKNESSES BY 1 INCH SHALL BE PERMITTED BUT NOT TO A THICKNESS LESS THAN 1".

b. FOR DIRECT-BURIED HEATING AND HOT WATER SYSTEM PIPING, REDUCTION OF THESE THICKNESSES BY 1 SHALL BE PERMITTED BUT NOT TO THICKNESSES LESS THAN 1".

LEGEND AND SCHEDULE OF PLUMBING EQUIPMENT

SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
WC-1	AMERICAN STANDARD	3354101	"AFWALL" ELONGATED 1.6 GP.F EVERCLEAN TOILET. PROVIDE WITH CARRIER, VITREOUS CHINA, DIRECT-FEED SIPHON JET ACTION, ELONGATED BOWL, 1.5" TOP SPUD, MEETS ANSI A112.19.2M. WHITE COLOR, OLSONITE #95 OPEN FRONT SEAT LESS COVER, SLOAN #111 FLUSH VALVE, 481310-100 BOLT CAPS.
WC-2	AMERICAN STANDARD	3354101	SAME AS ABOVE BUT ADA COMPLIANT INSTALLATION.
WC-3	AMERICAN STANDARD	3043.102	"ELDERLY NEW CADET AQUAMETER" ELONGATED 1.5 GPF TOILET: 18" HIGH, VITREOUS CHINA, DIRECT FEED SIPHON JET ACTION, ELONGATED BOWL, 1.5" TOP SPUD. MEETS ANSI A112.19.2M. WHITE COLOR, OLSONITE #95 OPEN FRONT SEAT LESS COVER, SLOAN #111 FLUSH VALVE, 481310-100 BOLT CAPS. INSTALL IN ACCORDANCE WITH ALL ADA REQUIREMENTS.
U-1	AMERICAN STANDARD	6501.010	"WASHBROOK" URINAL, VITREOUS CHINA, LOW CONSUMPTION 1.0 GPF, WASHOUT FLUSH ACTION. C/W SLOAN ROYAL FLUSH VALVE MODEL #186-1(TOP SPUD). COLOR PER ARCHITECT.
LV-1	KOHLER	K-2007	"KINSTON" WALL MOUNT LAVATORY. ADA APPROVED WITH K-13685 OFFSET DRAIN. VITREOUS CHINA WITH 4" CENTERS INCLUDE CONCEALED ARM CARRIER C/W "PALADAR" SINGLE LEVER FAUCET # K-14516 IN POLISHED CHROME WITH POP-UP DRAIN AND 1r" TAILPIECE, K-14530 ESCUTHEON PLATE IN POLISHED CHROME, INCLUDE y" ANGLE STOPS & SUPPLIES. ADA COMPLIANT INSTALLATION.
MS-3	FIAT	MSB2424	MOLDED STONE MOP SINK BASIN. 24"x24" C/W GRID STRAINER, 2" OUTLET. SUPPLY WITH MODEL #A880 WALL SERVICE FAUCET AND ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
KS-7	JUST	CDL 2233-B-GR	"CONTINENTAL" DOUBLE COMPARTMENT S.S SINK, 22X33 O.D. , 16X14 I.D. 7" DEEP, 20 GA CONSTRUCTION W/ 4 HOLE PUNCHING C/W AMER. STD #4161 120 KITCHEN. FAUCET W/ SPRAY - CHROME FINISH INCL. AMER. STD. STRAINER DRAIN # 4320.024
WH-1	LOCHINVAR	SITI-120	120 GAL. INDIRECT WATER HEATER
WH-2	A.O. SMITH	DRE-52	50 GAL. WATER HEATER. 15KW 480V
WH-3	A.O. SMITH	DEL-20	20 GAL. WATER HEATER. 3KW 208V
FD-1	ZURN	Z-415-B	FLOOR DRAIN: DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH TYPE "B" POLISHED, NICKEL BRONZE STRAINER WITH FLASHING CLAMP DEVICE, 3" OUTLET. BACKWATER VALVE. DEEP SEAL P-TRAP.
✳	---	---	SEE PLAN EQ-101 FOR SPECIFICATION OF EQUIPMENT RELATED TO KITCHEN AREA.

ABBREVIATIONS

A	MEDICAL AIR
ACT	ACOUSTIC CEILING TILE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
AW	ACID WASTE PIPE
BTUH	BRITISH THERMAL UNITS/HOUR
CLG	CEILING
CO	CLEAN OUT
CP	CONDENSATE PUMP
CW	DOMESTIC COLD WATER
DIA	DIAMETER
D	DRAIN
DN	DOWN
DP	DIFFERENTIAL PRESSURE
E.C.	ELECTRICAL CONTRACTOR
ECC	ENGINEERING CONTROL CENTER
EMD	END OF MAIN DRIP (STEAM)
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EXIST	EXISTING
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR.	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
G.C.	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
G.SAN	"GREASE LADEN" SANITARY DRAINAGE PIPE
H.C.	HVAC CONTRACTOR
HP	HORSE POWER
HTWR	HIGH TEMP. HOT WATER RETURN PIPE (140°F)
HTWS	HIGH TEMP. HOT WATER PIPE (140°F)
HW	DOMESTIC HOT WATER PIPE (120°F)
HWR	DOMESTIC HOT WATER RETURN PIPE (120°F)
LBS/HR	POUNDS PER HOUR
LF	LINEAR FEET
MAX.	MAXIMUM
MBH	ONE THOUSAND BTUH
MER	MECHANICAL EQUIPMENT ROOM
MIN.	MINIMUM
MV	MEDICAL VACUUM
NOM.	NOMINAL
O	OXYGEN
P	PUMP
P.C.	PLUMBING CONTRACTOR
PD	PRESSURE DROP (FEET OF WATER)
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE IN.
SAN	SANITARY DRAINAGE PIPE
S.S.	STAINLESS STEEL
ST	STORM DRAINAGE PIPE
UH	UNIT HEATER
U.N.O.	UNLESS NOTED OTHERWISE
V	VENT PIPE
VI	VIBRATION ISOLATOR
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
WCO	WALL CLEAN OUT
WF	WATER FILTER
WFM	WATER FLOW MEASURING DEVICE
WH	WATER HEATER

GENERAL SYMBOLS

- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- POINT OF DISCONNECT
- INDICATES SECTION LETTER
- INDICATES DRAWING NUMBER WHERE LOCATED
- PUMP

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PROJECT INFORMATION

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401

SHEET TITLE

PLUMBING SYMBOLS, ABBREVIATIONS & NOTES

SHEET NUMBER

P001

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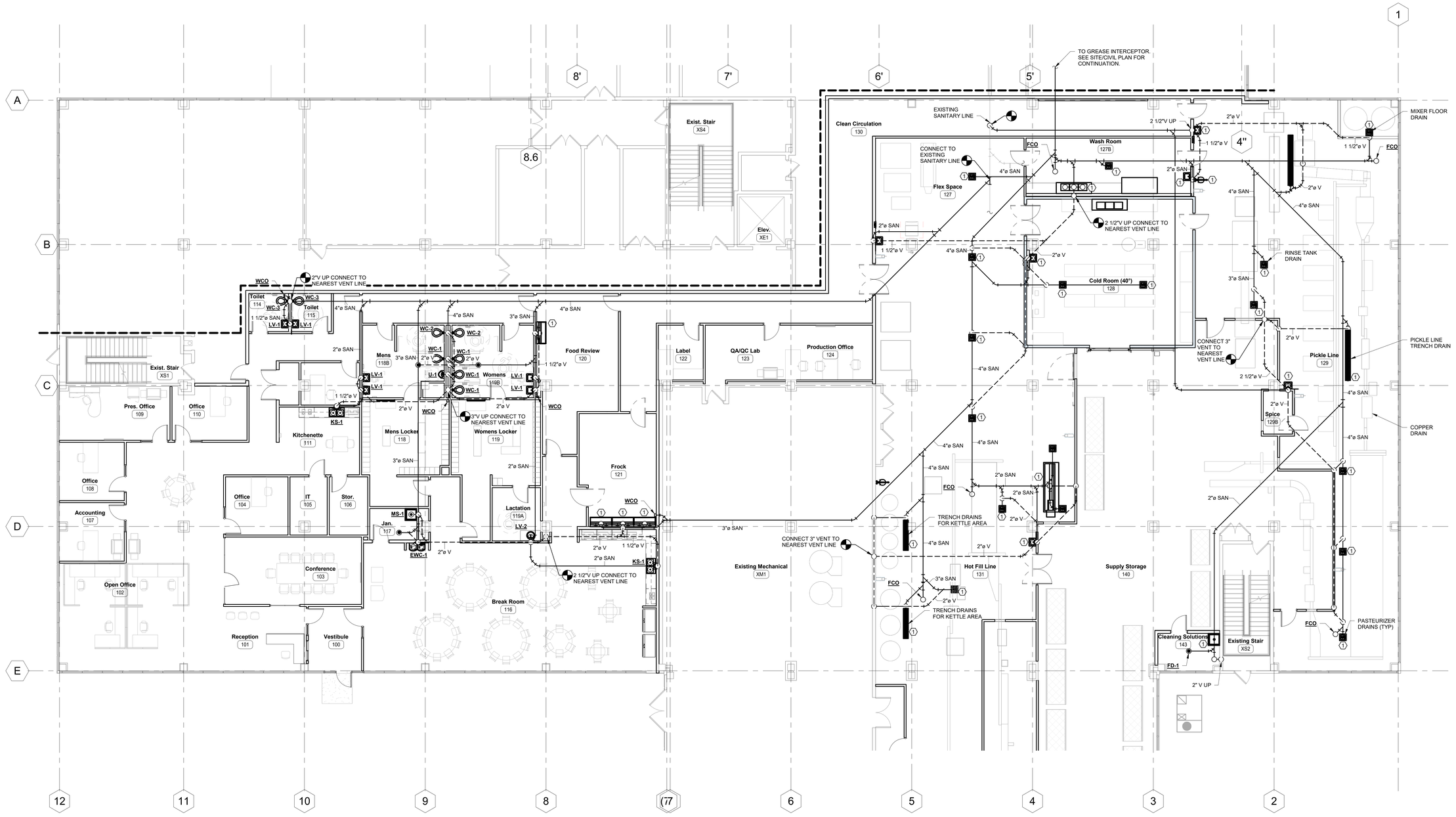

KEYED NOTE:

(1) SEE EQ-101 FOR EQUIPMENT SPECIFICATIONS.

1 PLUMBING FIRST FLOOR SANITARY PLAN - PARTIAL NORTH
1/8" = 1'-0"

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PLUMBING FIRST FLOOR SANITARY PLAN - PARTIAL NORTH
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P101
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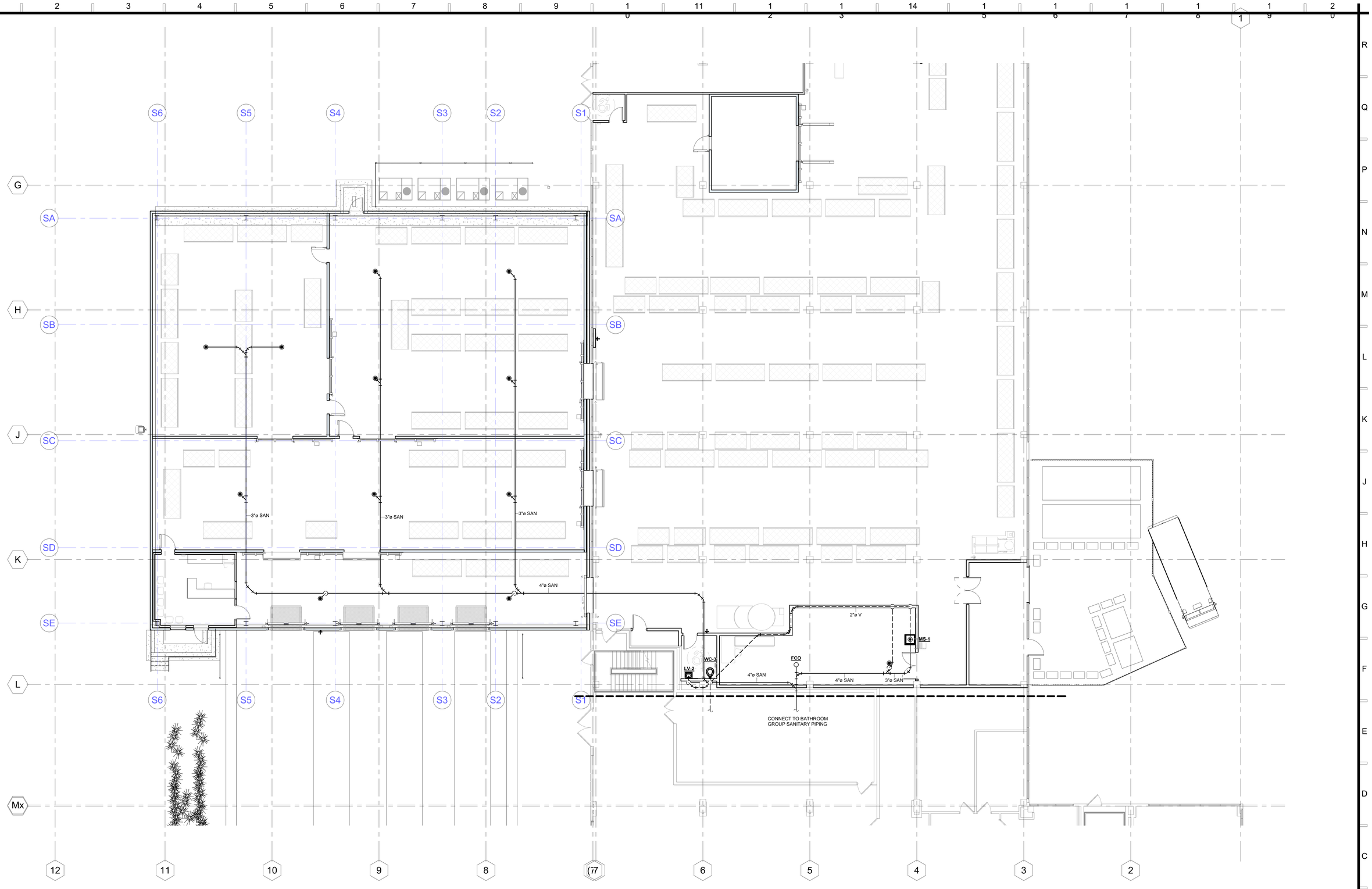

1 PLUMBING FIRST FLOOR SANITARY PLAN - PARTIAL SOUTH
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PLUMBING FIRST FLOOR SANITARY PLAN - PARTIAL SOUTH
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P102
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Exist. Stair XS4
Elev. XE1
Clean Circulation 130
Flex Space 127
Wash Room 127B
Cold Room (40°) 128
Exist. Stair XS1
Pres. Office 109
Office 110
USDA Office 113
Toilet 114
Toilet 115
WC-2
LV-1
3/4"ø D. CW
1/2"ø D. HW
KS-1
1/2"ø D. HWR
Kitchenette 111
Office 108
Accounting 107
Office 104
IT 105
Stor. 106
WH-2
MS-1
Jan. 117
EWC-1
Conference 103
Open Office 102
Reception 101
Vestibule 100
Mens 118B
Womens 119B
WC-1
U-1
1"ø D. CW
1"ø D. HW
Mens Locker 118
Womens Locker 119
Food Review 120
Lactation 118A
LV-2
Break Room 116
Frock 121
Label 122
QA/QC Lab 123
Production Office 124
WH-1
SUPPLY/RETURN FROM BOILER
CONNECT TO EXISTING 2 INCH DOMESTIC CW LINE
HOT WATER RECIRCULATION PUMP. SEE DETAIL 9 ON SHEET P701.
KS-1
Existing Mechanical XM1
1"ø CW
1 1/2"ø CW
Hot Fill Line 131
1"ø COMPRESSED AIR LINE, SEE P202
PROVIDE AIR DROP TO FILLER AT FINAL LOCATION
1 1/2"ø D. HW
1 1/2"ø D. CW
2"ø D. CW
1/2"ø D. HW
1/2"ø D. HWR
1/2"ø D. CW
1" DROP TO COOLING TUNNEL
1"ø D. CW
1"ø D. HW
1 1/2"ø D. CW
1/2"ø D. HW
Supply Storage 140
Cleaning Solutions 145
Existing Stair XS2
1/2"ø D. CW
1/2" PIPE DROP BRINE MIXER
3/4"ø D. CW
3/4" PIPE DROP TO SPEAR CUTTER
1 1/2"ø D. CW
1/2" PIPE DROP TO PICKLE WASHER
Spice 129B
Pickle Line 129
1 1/2" DROP TO PASTEURIZER

KEYED NOTE:

1. 1" AIR DROP TO TO EQUIPMENT.
2. SEE EQ-101 FOR EQUIPMENT SPECIFICATIONS.
3. CONNECT KETTLE TO EXISTING STEAM BOILERS IN MECHANICAL ROOM.
4. PROVIDE GAS CONNECTION. SEE EQ-101 FOR GAS DROP SIZE.

1 PLUMBING FIRST FLOOR DOMESTIC WATER PLAN - PARTIAL NORTH

1/8" = 1'-0"

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PLUMBING DOMESTIC WATER PLAN - PARTIAL NORTH
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CONNECT TO NEAREST CW LINE

1/2"ø D. CW

PROVIDE HOSE BIBB

1/2"ø D. HW

3/4"ø D. HW

3/4"ø D. CW

WH-3

MS-1

LV-1

WC-2

3/4" CW FROM BATHROOM GROUP

1" COMPRESSED AIR LINE FROM AIR COMPRESSOR

1 PLUMBING FIRST FLOOR DOMESTIC WATER PLAN - PARTIAL SOUTH

1/8" = 1'-0"

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PLUMBING DOMESTIC WATER PLAN - PARTIAL SOUTH

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P202

SHEET NUMBER

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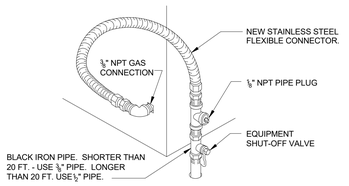
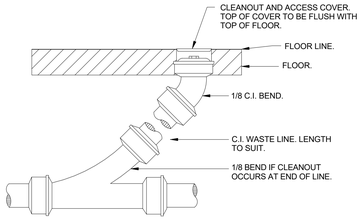
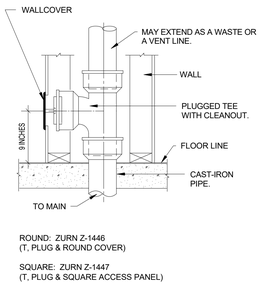


1 GAS CONNECTION TO INDOOR EQUIPMENT
N.T.S.



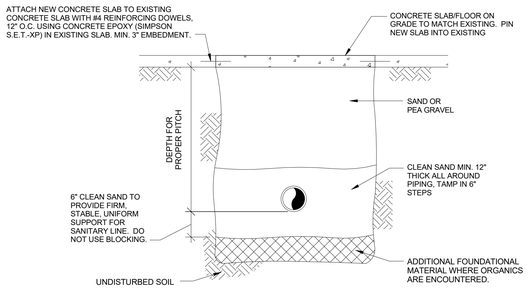
2 FLOOR CLEANOUT
N.T.S.



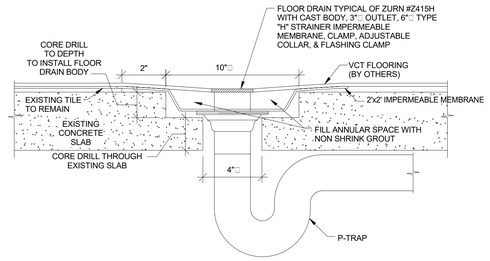
ROUND: ZURN Z-1446
(T, PLUG & ROUND COVER)

SQUARE: ZURN Z-1447
(T, PLUG & SQUARE ACCESS PANEL)

3 WALL CLEANOUT DETAIL
N.T.S.

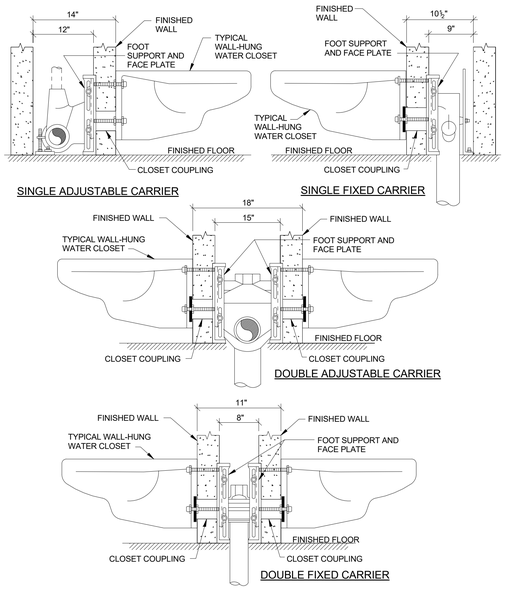


4 TYPICAL SANITARY LINE BELOW SLAB DETAIL
N.T.S.

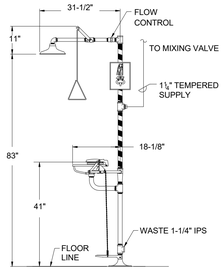


NOTES:
1. PROVIDE ADDITIONAL PIPING AND FITTINGS AS REQUIRED.
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

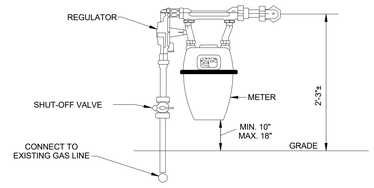
5 FLOOR DRAIN INSTALLATION DETAIL
N.T.S.



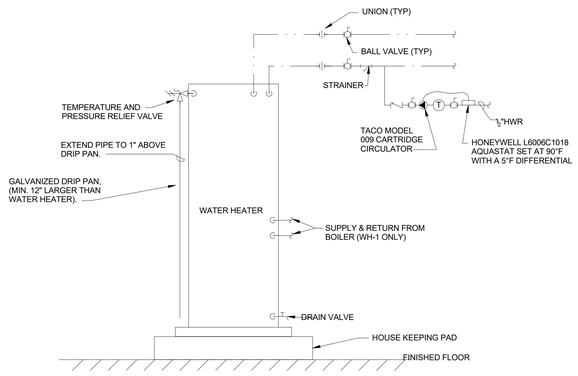
6 WATER CLOSET CARRIER DETAIL
N.T.S.



7 EMERGENCY SHOWER/EYEWASH STATION DETAIL
N.T.S.



8 GAS METER DETAIL
N.T.S.



NOTES:
1. ELECTRICAL POWER TO WATER HEATER BY ELECTRICAL CONTRACTOR.
2. EXTEND 1" DRAIN LINE TO DRIP BELOW.

9 WATER HEATER DETAIL
N.T.S.

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Revision Schedule

#	Description	Date
2	ADDENDUM #2	02/02/21

SCALE	AS NOTED
DRAWN BY	

ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
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PROJECT INFORMATION

PLUMBING DETAILS
SHEET TITLE
P701
SHEET NUMBER

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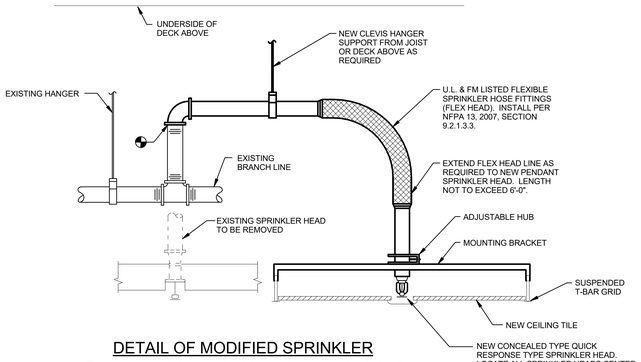
SPRINKLER DEMOLITION NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
2. REMOVE ALL EQUIPMENT AND PIPING AS INDICATED ON PLAN. REMOVALS SHALL INCLUDE ALL FITTINGS, SUPPORTS AND HANGERS.
3. ANY DISCREPANCIES BETWEEN THE DEMOLITION PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. ANY DEMOLITION WORK WHICH MAY BE QUESTIONABLE DUE TO UNFORESEEN FIELD CONDITIONS SHALL NOT BE REMOVED UNTIL REVIEWED BY THE ARCHITECT, ENGINEER OR BUILDING FACILITIES MANAGER.
4. DEMOLITION WORK SHALL INCLUDE THE PREPARATION OF EXISTING EQUIPMENT OR PIPING FOR CONNECTION TO NEW WORK. COORDINATE DEMOLITION WORK WITH THE CONSTRUCTION PLANS.
5. ALL EQUIPMENT REMOVALS SHALL BECOME THE PROPERTY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF DEMOLITION ITEMS OFF-SITE, UNLESS OTHERWISE NOTED.
6. ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
7. IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.
8. THE PLANS ARE INTENDED TO CONVEY THE EXTENT AND SCOPE OF THE DEMOLITION WORK. EVERY ITEM INTENDED FOR REMOVAL MAY NOT BE SHOWN. THE CONTRACTOR IS ADVISED TO SURVEY THE PROJECT SITE BEFORE SUBMITTING A BID FOR DEMOLITION WORK.



DETAIL OF MODIFIED SPRINKLER HEAD CONNECTION TO NEW CEILING

1 N.T.S.

FIRE PROTECTION SYSTEM NOTES:

1. THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE & OPERATIVE SPRINKLER SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES AS REQUIRED. THIS CONTRACTOR SHALL MEET THE INTENT OF THE PLANS & SPECIFICATIONS AS WELL AS THE ACCOMPANYING DOCUMENTS. THIS CONTRACTOR SHALL PROVIDE ANY ADDITIONAL MATERIAL & LABOR NOT SPECIFICALLY LISTED OR DIRECTED WHICH MAY BE REQUIRED TO MEET THE INTENT OF THE PLANS & SPECIFICATIONS FOR A COMPLETE AND OPERABLE SYSTEM.
2. IT IS THIS CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE ALL CUTTING, PATCHING, BOXING, PRIME AND FINISH WORK REQUIRED TO COMPLETE THE INSTALLATION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
   A. WATER FLOW & PRESSURE TESTING OF AVAILABLE WATER SUPPLY SYSTEM.
   B. PIPE SIZING VIA THE HYDRAULIC PIPE SIZE METHOD PER NFPA-13.
   C. THE INSTALLATION OF ALL PIPING AND COORDINATION OF WORK WITH OTHER SUB-CONTRACTORS.
   D. INSPECTION & TESTING OF ALL PIPING & DEVICES, OBTAINING APPROVALS & PAYING OF ALL FEES AS REQUIRED FOR THE SYSTEM INSTALLATION & APPROVALS.
   E. ONE YEAR GUARANTEE ON MATERIAL & WORKMANSHIP. COMPLETE OPERATING INSTRUCTIONS INCLUDING MAINTENANCE & TESTING INSTRUCTIONS (POSTED IN SPRINKLER CONTROL AREA).
3. DO NOT PIERCE ANY STRUCTURAL MEMBER.
4. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PIPING WITH THE BUILDING STRUCTURE, AS WELL AS WITH OTHER TRADES DURING CONSTRUCTION. SEE PLANS FOR ADDITIONAL REQUIREMENTS. CONTRACTOR SHALL OBTAIN APPROVAL & COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
5. THE SPRINKLER SYSTEM SUB-CONTRACTOR AND THE FIRE ALARM SYSTEM SUB-CONTRACTOR SHALL COORDINATE THE SYSTEM WITH THE FIRE DEPARTMENT AND OBTAIN ALL APPROVALS AND PAY ALL FEES.
6. SUPERVISORY SWITCHES AND FLOW SWITCHES TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. CONNECTIONS TO BUILDING FIRE ALARM SYSTEM BY FIRE ALARM CONTRACTOR.
7. SPRINKLER CONTRACTOR SHALL PROVIDE ENGINEER WITH SIGNED & SEALED HYDRAULIC CALCULATIONS AND PIPE LAYOUT FOR REVIEW AND APPROVAL.
8. CONTRACTOR SHALL SEAL ALL PIPE PENETRATIONS THROUGH RATED WALLS AND CEILINGS WITH INTUMESCEANT TYPE FIRE SEALANT CAULK. PROVIDE ESCUTCHEONS AT ALL PENETRATIONS IN FINISHED AREAS.
9. IN GENERAL, SPRINKLERS SHALL BE ARRANGED FOR A MAXIMUM COVERAGE AS SHOWN ON PLANS WHILE AVOIDING LIGHTS, DIFFUSERS, ETC. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS PIPING AND SPRINKLERS FOR PROPER COVERAGE IN EACH AREA. ADD SPRINKLERS AS REQUIRED FOR PROPER COVERAGE AS DICTATED BY ACTUAL FIELD CONDITIONS.
10. ALL FIRE PROTECTION SYSTEMS PROVIDED SHALL BE U.L. LISTED AND F.M. APPROVED AS APPLICABLE.
11. CONTRACTOR SHALL PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
12. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT; DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
13. IT IS THE INTENTION THAT THESE SPECIFICATIONS, AND DRAWINGS ACCOMPANYING SAME, SHALL PROVIDE FOR THE FURNISHING AND INSTALLING OF THE FIRE PROTECTION SYSTEMS COMPLETE AS SPECIFIED AND SHOWN. ANY WORK SHOWN ON THE DRAWINGS AND NOT PARTICULARLY DESCRIBED IN THE SPECIFICATIONS OR VICE VERSA, OR ANY WORK CHANGES WHICH MAY BE EVIDENTLY NECESSARY TO COMPLETE THE INSTALLATION SHALL BE FURNISHED BY THIS CONTRACTOR.
14. IT IS THE INTENT AND PURPOSE OF THESE SPECIFICATIONS AND DRAWINGS TO INCLUDE AND PROVIDE FOR ALL MATERIALS, APPLIANCES AND LABOR TO PROPERLY COMPLETE AND LEAVE IN PERFECT WORKING CONDITION THE ENTIRE SYSTEM HEREINAFTER SPECIFIED. ANY MATERIAL, LABOR OR APPLIANCE NOT SPECIFICALLY MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS, BUT NECESSARY FOR A COMPLETE INSTALLATION MUST BE FURNISHED BY THIS CONTRACTOR.
15. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

PIPING SYMBOLS

- ANCHOR
- PIPE GUIDE
- REDUCER OR INCREASER
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- RISE OR DROP IN PIPE

GENERAL SYMBOLS

- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- POINT OF DISCONNECT
- X / XX — INDICATES SECTION LETTER; INDICATES DRAWING NUMBER WHERE LOCATED
- FIRE HOSE SIAMESE CONNECTION
- FIRE HYDRANT
- FIRE PUMP MOTOR
- PENDANT SPRINKLER HEAD
- SIDE WALL SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD

SPRINKLER LEGEND

- EXISTING SPRINKLER TO BE REMOVED
- NEW SPRINKLER

ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE
AFF	ABOVE FINISHED FLOOR
DIA	DIAMETER
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ETR	EXISTING TO REMAIN
EXIST.	EXISTING
FD	FLOOR DRAIN
FLR.	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
MAX.	MAXIMUM
MER	MECHANICAL EQUIPMENT ROOM
MIN.	MINIMUM
N	NEW
NOM.	NOMINAL
PC	PLUMBING CONTRACTOR
RR	REMOVE & RELOCATE
U.N.O.	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD

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3	GENERAL REVISION #3	06/02/21

SCALE	AS NOTED
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Proposed Master Plan

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PROJECT INFORMATION

FIRE PROTECTION SYMBOLS, ABBREVIATIONS & NOTES

SHEET TITLE

FP001

SHEET NUMBER

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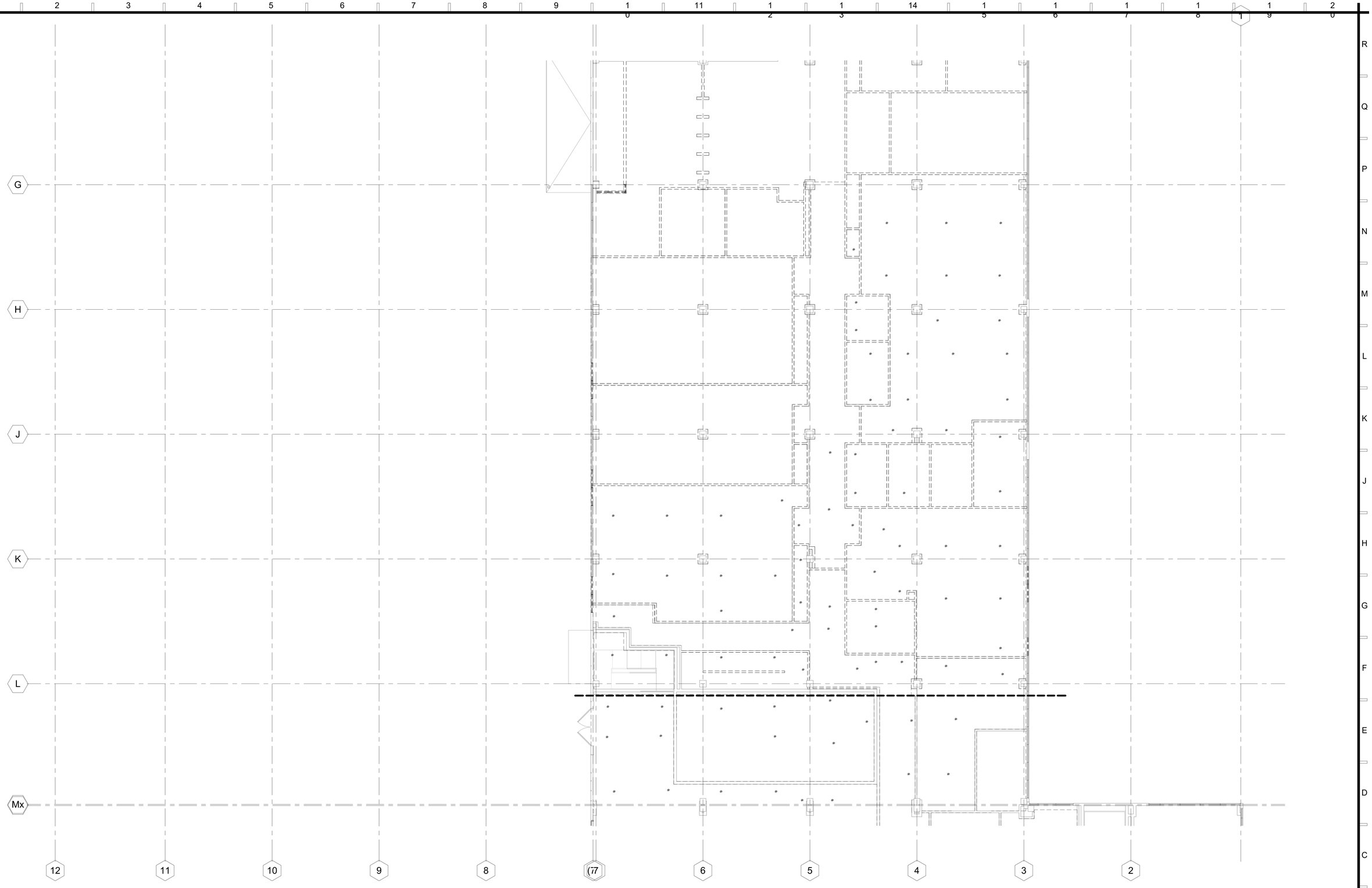

1 FIRE PROTECTION FIRST FLOOR DEMOLITION PLAN - PARTIAL SOUTH
1/8" = 1'-0"

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PROJECT INFORMATION

FIRE PROTECTION DEMOLITION RCP - PARTIAL SOUTH
SHEET TITLE
FPD102
SHEET NUMBER

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Exist. Stair XS4
Elev. XE1
Clean Circulation 130
Wash Room 127B
Flex Space 127
Cold Room (40°) 128
Toilet 114
Toilet 115
Exist. Stair XS1
Mens 118B
Womens 119B
Food Review 120
Label 122
QA/QC Lab 123
Production Office 124
Spice 129B
Pickle Line 129
Pres. Office 109
Office 110
Kitchenette 111
Mens Locker 118
Womens Locker 119
Office 108
Office 104
IT 105
Stor. 106
Jan. 117
Lactation 119A
Frock 121
Accounting 107
Conference 103
Open Office 102
Reception 101
Vestibule 100
Break Room 116
Existing Mechanical XM1
Hot Fill Line 131
Supply Storage 140
Cleaning Solutions 143
Existing Stair XS2
Circulation 132

1 FIRE PROTECTION FIRST FLOOR PLAN - PARTIAL NORTH
1/8" = 1'-0"

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#	Description	Date
2	ADDENDUM #2	02/02/21

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ENLARGED FIRE PROTECTION RCP - PARTIAL NORTH
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FP101
SHEET NUMBER

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PROVIDE DRY - TYPE SPRINKLERS FOR FREEZER AREA.

Freezer (-10°)
153

Cooler (38°)
154

Supply Storage
152

Warehouse Manager
150

Loading Dock
151

Supply Storage
140

Toilet
142

Exist. Stair
XS3

Maintenance
144

Trash
145

Electrical Switch Gear Room
XM3

1 FIRE PROTECTION FIRST FLOOR PLAN - PARTIAL SOUTH
1/8" = 1'-0"

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ENLARGED FIRE PROTECTION RCP - PARTIAL SOUTH

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SHEET NUMBER

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HVAC DEMOLITION NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
2. REMOVE ALL EQUIPMENT, DUCTWORK AND PIPING AS INDICATED ON PLAN. REMOVALS SHALL INCLUDE ALL SUPPORTS AND HANGERS, HOUSEKEEPING PADS, DAMPERS, VALVES, FITTINGS, CONTROLS AND ASSOCIATED LOW VOLTAGE WIRING, AND ANY OTHER ASSOCIATED ACCESSORIES WHICH PERTAIN TO THE EQUIPMENT TO BE REMOVED.
3. REMOVAL OF ALL POWER CONNECTIONS TO DEMOLITION ITEMS SHALL BE BY THE E.C.
4. ANY DISCREPANCIES BETWEEN THE DEMOLITION PLANS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. ANY DEMOLITION WORK WHICH MAY BE QUESTIONABLE DUE TO UNFORESEEN FIELD CONDITIONS SHALL NOT BE REMOVED UNTIL REVIEWED BY THE ARCHITECT, ENGINEER OR BUILDING FACILITIES MANAGER.
5. DEMOLITION WORK SHALL INCLUDE THE PREPARATION OF EXISTING EQUIPMENT FOR CONNECTION TO NEW EQUIPMENT. COORDINATE DEMOLITION WORK WITH THE CONSTRUCTION PLANS.
6. ALL EQUIPMENT REMOVALS SHALL BECOME THE PROPERTY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF DEMOLITION ITEMS OFF-SITE, UNLESS OTHERWISE NOTED.
7. ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
8. IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.
9. THE PLANS ARE INTENDED TO CONVEY THE EXTENT AND SCOPE OF THE DEMOLITION WORK. EVERY ITEM INTENDED FOR REMOVAL MAY NOT BE SHOWN. THE CONTRACTOR IS ADVISED TO SURVEY THE PROJECT SITE BEFORE SUBMITTING A BID FOR DEMOLITION WORK.

GENERAL NOTES:

1. THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL HVAC WORK WITH OTHER TRADES AND THE BUILDING STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH OTHER SYSTEMS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF HIS WORK.
3. ACCESS PANELS SHALL BE PROVIDED IN CEILINGS, WALLS, FLOORS, ETC., AS REQUIRED TO MAINTAIN ACCESSIBILITY TO VALVES, DAMPERS, TRAPS, COILS, ETC.
4. PROVIDE DUCT ACCESS DOORS AT ALL MOTORIZED DAMPERS, FIRE DAMPERS, AND SMOKE DAMPERS.
5. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.
6. ALL DUCTWORK PASSING THROUGH A FIRE RATED PARTITION SHALL BE PROVIDED WITH A FIRE DAMPER TO MAINTAIN THE FIRE RATING OF THE PARTITION.
7. LOCATIONS OF DIFFUSERS AND GRILLES ARE APPROXIMATE. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS.
8. ALL BRANCHES AND TAKE-OFFS SHALL BE EQUIPPED WITH VOLUME CONTROL DAMPERS. DAMPERS TO BE OPPOSED BLADE TYPE, 4" MAX. BLADE HEIGHT. VOLUME DAMPERS TO BE LOCATED AS NEAR TO THE POINT OF TAKE-OFF AS PRACTICAL.
9. FLEXIBLE DUCT CONNECTIONS SHALL BE LIMITED TO A MAXIMUM LENGTH OF FIVE (5) FEET AND SUPPORTED AT MID-POINT.
10. ALL SUPPLY & RETURN AIR DUCTWORK SHALL BE INSULATED.
11. PROVIDE SHUT-OFF VALVES AT ALL PIPING BRANCH TAKE-OFFS AND AT ALL CONNECTIONS TO EQUIPMENT.
12. PROVIDE DRAINS WITH HOSE ADAPTERS AND CAPS ON PIPING AT ALL LOW POINTS. PROVIDE MANUAL VENTS ON PIPING AT ALL HIGH POINTS.
13. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
14. ALL MOTOR STARTERS SHALL BE FURNISHED BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
15. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE FURNISHED & INSTALLED BY THE HVAC CONTRACTOR.
16. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE REFERENCED EQUIPMENT OR SYSTEMS IN THEIR ENTIRETY AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
17. CONTRACTOR SHALL PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
18. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT; DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
19. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AS INDICATED ON THE DRAWINGS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

CONDENSING UNIT SCHEDULE

"DAIKIN" AS STANDARD

NAME	MODEL NUMBER	COOLING	PIPING (ft)	ELECTRICAL			EER	IEER	REFRIGERANT TYPE	WEIGHT (lbs)
		CAPACITY (BTU/h)		PS	MCA (A)	MOP (A)				
CU-1	RK09AXVJU	8,900	MAX 65.6	208-230V 1ph	7.0	15	12.5	19 SEER	R410A	55

FAN COIL UNIT SCHEDULE

"DAIKIN" AS STANDARD

UNIT	LOCATION	MODEL NUMBER	COOLING		AIR FLOW RATE (CFM)	ELECTRICAL			W x H x D (in)	WEIGHT (lbs)
			TOTAL (BTU/h)	SENSIBLE (BTU/h)		V, PHASE	MCA (A)	MOP		
FCU-1	105 IT	F1K09AXVJU	8,900	8,040	600	POWERED FROM CU-1			30.9 x 11.3 x 9.9	20.0

FAN SCHEDULE

"GREENHECK" AS STANDARD

UNIT NO.	SERVICE	LOCATION	CFM	E.S.P. (IN.)	DRIVE	FAN RPM	FAN BHP	MOTOR HP OR AMPS	ELEC. DATA V/PH	MODEL NO.	OPERATING WEIGHTS (LBS)	REMARKS
EF-1	MAINTENANCE	CEILING	150	0.25	DIRECT	1438	0.02	1/15	115/1	SQ-70-VG	30	SEE NOTES
EF-2	OFFICES	CEILING	1200	0.33	DIRECT	1606	0.19	1/4	115/1	SQ-100-VG	45	SEE NOTES

NOTES:

1. PROVIDE NEMA-1 SERVICE DISCONNECT SWITCH FOR ALL FANS.
2. ALL FANS SHALL HAVE THERMAL OVERLOAD PROTECTION.
3. PROVIDE HANGER VIBRATION ISOLATORS FOR ALL FANS.
4. EF-1 & EF-2 WITH VFD, DAMPER, FLUSH EXTERIOR WITH OSHA GAURD, ON BOARD POTENTIOMETER DIAL AND ALL OTHER OPTIONS FOR A COMPLETE SYSTEM. OPERATING WEIGHT IS WITH ACCESSORIES.

DUCTWORK SYMBOLS

- DUCTWORK DOUBLE LINE REPRESENTATION: "A" INDICATES DUCT WIDTH; "B" INDICATES DUCT DEPTH. (AxB)
- DUCTWORK SINGLE LINE REPRESENTATION: "A" INDICATES DUCT WIDTH; "B" INDICATES DUCT DEPTH. (AxB)
- SUPPLY AIR DUCT UP
- SUPPLY AIR DUCT DOWN
- RETURN AIR DUCT UP
- RETURN AIR DUCT DOWN
- EXHAUST AIR DUCT UP
- EXHAUST AIR DUCT DOWN
- FLEXIBLE DUCTWORK
- SUPPLY AIR FLOW
- RETURN/EXHAUST AIR FLOW
- VOLUME DAMPER
- MOTORIZED DAMPER w/ ACCESS DOOR
- FIRE DAMPER W/ ACCESS DOOR
- SUPPLY AIR TERMINAL
- RETURN/EXHAUST AIR TERMINAL
- EXHAUST AIR TERMINAL

GENERAL SYMBOLS

- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- POINT OF DISCONNECT
- X / XX: INDICATES SECTION LETTER; INDICATES DRAWING NUMBER WHERE LOCATED
- XXX / XXX: INDICATES TYPE OF AIR OUTLET; INDICATES AIR FLOW REQUIREMENTS
- T A: WALL MOUNT THERMOSTAT 'A' DESIGNATES COMPONENT SERVED
- TS: TEMPERATURE SENSOR
- PUMP
- DS: DUCT SMOKE DETECTOR
- U: DOOR UNDERCUT (BY G.C.)
- L: LOUVERED DOOR (BY G.C.)

ABBREVIATIONS

AC	AIR CONDITIONING UNIT	H.C.	HVAC CONTRACTOR
ACT	ACOUSTIC CEILING TILE	HF	HEPA FILTER
ACCU	AIR COOLED CONDENSING UNIT	HP	HORSEPOWER
AD	ACCESS DOOR	HRP	HYDRONIC RADIANT CEILING PANEL
AFF	ABOVE FINISHED FLOOR	HV	HEATING AND VENTILATING UNIT
AHU	AIR HANDLING UNIT	IV	INLET VANES
AP	ACCESS PANEL	LCD	LINEAR CEILING DIFFUSER
BDD	BACK DRAFT DAMPER	LFD	LAMINAR FLOW DIFFUSER
BG	BOTTOM GRILLE (WALL TYPE)	LF	LINEAR FEET
BR	BOTTOM REGISTER (WALL TYPE)	LBS/HR	POUNDS PER HOUR
BTUH	BRITISH THERMAL UNITS/HOUR	MB	MIXING BOX
CC	COOLING COIL	MD	MOTORIZED DAMPER
CD	CEILING DIFFUSER	MAX.	MAXIMUM
CFM	CUBIC FEET PER MINUTE	MBH	ONE THOUSAND BTUH
CG	CEILING GRILLE	MIN.	MINIMUM
CLG	CEILING	NOM.	NOMINAL
CR	CEILING REGISTER	OA	OUTSIDE AIR
CW	COLD WATER	P	PUMP
D	DRAIN	P.C.	PLUMBING CONTRACTOR
Db	DRY BULB TEMPERATURE, °F	PD	PRESSURE DROP (FEET OF WATER)
dB	DECIBELS	PF	PRE-FILTER
DN	DOWN	PH	PREHEAT
DP	DIFFERENTIAL PRESSURE	PRV	PRESSURE REDUCING VALVE
DS	DUCT SMOKE DETECTOR	PSI	POUNDS PER SQUARE IN.
DX	DIRECT EXPANSION	RA	RETURN AIR
EA	EXHAUST AIR	RF	RETURN FAN
EAT	ENTERING AIR TEMP	RHC	REHEAT COIL
E.C.	ELECTRICAL CONTRACTOR	Rh	RELATIVE HUMIDITY
EER	ENERGY EFFICIENCY RATIO	RPZ	REDUCED PRESSURE ZONE
EF	EXHAUST FAN	SA	SUPPLY AIR
EMD	END OF MAIN DRIP (STEAM)	SD	SMOKE DAMPER
ERC	ENERGY RECOVERY COIL	Sp. Gr.	SPECIFIC GRAVITY
ERP	ELECTRIC RADIANT CEILING PANEL	SH	STEAM HUMIDIFIER
ET	EXPANSION TANK	SP	STATIC PRESSURE
EUH	ELECTRIC UNIT HEATER	SPD	SPLITTER DAMPER
EXIST	EXISTING	SPS	STATIC PRESSURE SENSOR
F.A.I.	FRESH AIR INTAKE	S.S.	STAINLESS STEEL
FC	FLEXIBLE CONNECTION	TG	TOP GRILLE (WALL TYPE)
FCU	FAN COIL UNIT	TR	TOP REGISTER (WALL TYPE)
FD	FIRE DAMPER	TWU	THRU WALL UNIT
FLR	FLOOR	UH	UNIT HEATER
F.O.R.	FUEL OIL RETURN	U.N.O.	UNLESS NOTED OTHERWISE
F.O.S.	FUEL OIL SUPPLY	UV	UNIT VENTILATOR
FPC	FIRE PROTECTION CONTRACTOR	V	VALVE
F/SD	COMBINATION FIRE/SMOKE DAMPER	VD	VOLUME DAMPER
FTR	FIN TUBE RADIATION	VI	VIBRATION ISOLATOR
G	NATURAL GAS PIPE	VIF	VERIFY IN FIELD
G.C.	GENERAL CONTRACTOR	Wb	WET BULB TEMPERATURE, °F
GPM	GALLONS PER MINUTE	WMS	WIRE MESH SCREEN

ELECTRIC UNIT HEATER SCHEDULE

EQUIPMENT BASED ON: REZNOR OR APPROVED EQUAL

TAG	MBH OUTPUT	KW	LOCATION	ENTERING AIR TEMPERATURE	LEAVING AIR TEMPERATURE	TYPE	TOTAL CFM	REZNOR MODEL - SIZE	VOLTS & PHASE	MOTOR HP	REMARKS
EUH-1,2	26	7.5	LOADING DOCK AND STORAGE	40	74	ELEC.	700	EGHB-7	208/3/60	1/30	SEE NOTES

NOTES:

1. FAN GUARD , VENT CAP, THERMOSTAT & DOUBLE DEFLECTION LOUVER BLADES.
2. HANG UNITS ABOVE (4 POINT SUSPENSION) HANGER RODS AND VIBRATION ISOLATORS.
3. EUH-1&2 COMPLETE WITH DISCONNECT SWITCHES, WALL MOUNTED LOW VOLTAGE THERMOSTATS AND HANGERS FOR CEILING SUSPENSION.

LOUVER SCHEDULE

"GREENHECK" AS STANDARD OR APPROVED EQUAL

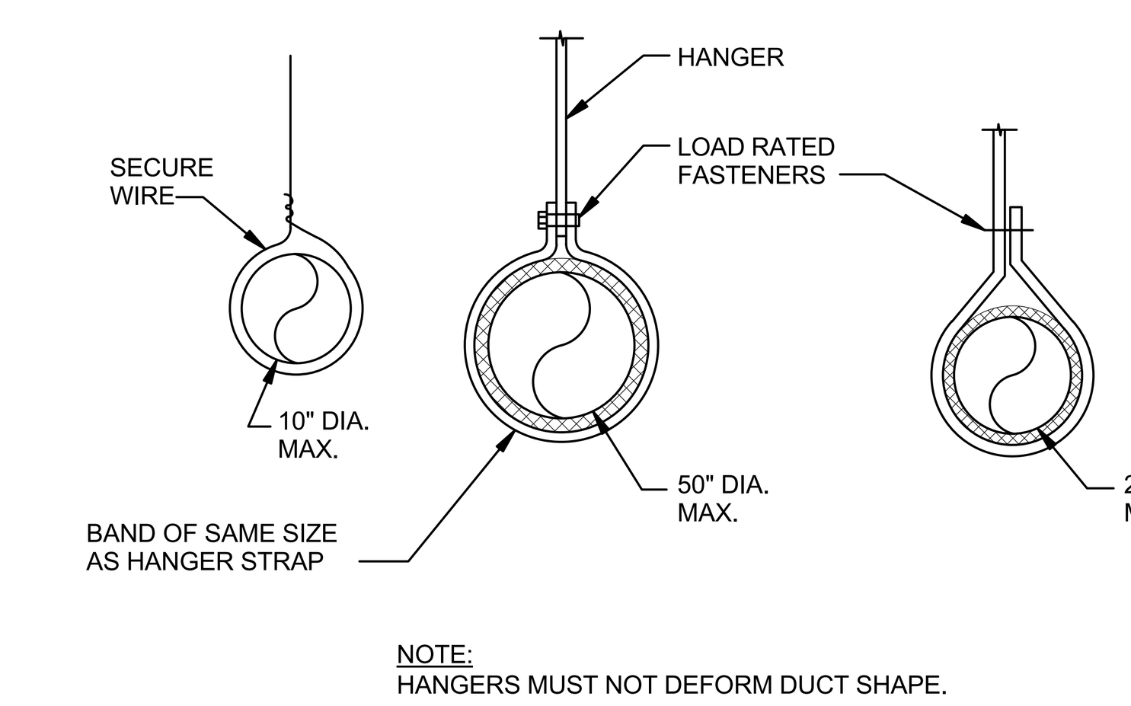
TAG	SERVES	MODEL	DRAINABLE	NOMINAL SIZE (IN)	FRAME DEPTH (IN)	VOLUME (CFM)	FREE AREA (SQ FT)
L-1	EF-1	ESD-403	YES	14x12	4	150	0.4
L-2	EF-2	EDK-402	YES	24x20	4	1200	1.4

AIR OUTLET SCHEDULE

DESIGNATION AND SYMBOL	CFM RANGE	NECK SIZE	FACE SIZE	APPLICATION	MANUF. & MODEL NO.	ACCESSORIES	FRAME TYPE	MAX S.P.	FINISH	REMARKS
CD-1	50-90 100-200 205-300 305-470 475-670 675-850	6"ø 8"ø 10"ø 12"ø 14"ø 15"ø	24 x 24	SUPPLY AIR CEILING DIFFUSER	TITUS TDC	AG-75 OPPOSED BLADE DAMPER	BORDER TYPE-1	0.080	#26 WHITE	SEE NOTES
RG-1	60-170 175-275 280-420 450-800 850-1800 ABOVE	8 X 8 10 X 10 12 X 12 24 X 12 24 X 24 SEE PLANS	-	RETURN/EXHAUST AIR CEILING REGISTER	TITUS 4 FL	AG-35AA OPPOSED BLADE DAMPER	TYPE-3A	0.080	CLEAR ANODIZED	SEE NOTES
RR-2 ER-2	AS INDICATED	AS INDICATED	-	RETURN/EXHAUST AIR SIDEWALL TOP REGISTER	TITUS 4 FL	AG-35AA OPPOSED BLADE DAMPER	TYPE-3A	0.080	CLEAR ANODIZED	SEE NOTES
SG-1	AS INDICATED	AS INDICATED	-	SUPPLY AIR TOP REGISTER	TITUS 300 FL	AG-15 OPPOSED BLADE DAMPER	TYPE-3A	0.080	CLEAR ANODIZED	SEE NOTES

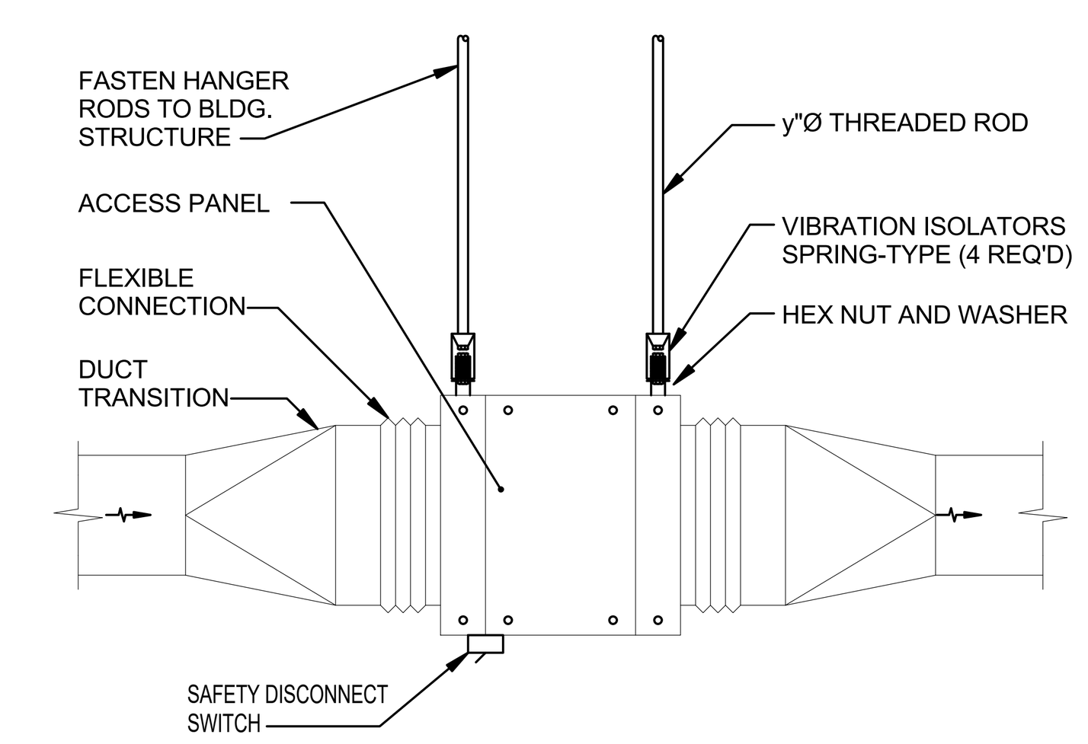
NOTES:

1. ALL AIR OUTLETS SHALL BE HEAVY DUTY CONSTRUCTION AND SIZED PER SCHEDULE ABOVE UNLESS OTHERWISE INDICATED ON DRAWINGS.
2. REGISTERS & CEILING DIFFUSERS SIZES THAT ARE NOT INDICATED ON THIS SCHEDULE ARE SHOWN ON THE FLOOR PLANS.
3. ALL CEILING DIFFUSERS ARE 4 WAY DIRECTIONAL THROW UNLESS OTHERWISE INDICATED.
4. AIR OUTLETS ON THIS SCHEDULE WITH TYPE, SIZE AND CFM'S INDICATED SHALL BE PROVIDED, UNLESS OTHERWISE INDICATED ON FLOOR PLANS.
5. SIDE WALL REGISTERS INDICATED ON FLOOR PLANS FOR EXHAUST/RELIEF AIR APPLICATION ARE WITH ¾" FRAMES AND SHALL BE INSTALLED AS SHOWN AND DETAILED.
6. ALL CEILING DIFFUSERS TO BE SUPPORTED FROM STRUCTURE ABOVE AS PER MANUFACTURER'S RECOMMENDATIONS AND SMACNA STANDARDS.
7. ALL DIFFUSERS, REGISTERS AND GRILLS INSTALLED IN ACOUSTICAL CEILINGS SHALL BE PROPERLY SIZED FOR NARROW LINE CEILING GRID, COORDINATED WITH CEILING GRID MATERIAL



NOTE: HANGERS MUST NOT DEFORM DUCT SHAPE.

1 ROUND DUCT HANGING DETAIL
N.T.S.



2 INLINE FAN HANGING DETAIL
N.T.S.

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Revision Schedule

#	Description	Date
2	ADDENDUM #2	02/02/21
3	GENERAL REVISION #3	06/02/21

SCALE: AS NOTED
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ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

HVAC SYMBOLS, ABBREVIATIONS & NOTES
SHEET TITLE
H001
SHEET NUMBER

GENERAL NOTE:

1. ALL UNITS TO BE RE-USED SHALL BE TESTED AND INSPECTED FOR OPERATION PRIOR TO RE-USE. IF UNIT IS NOT OPERATIONAL, CONTRACTOR IS TO COORDINATE WITH OWNER AND ENGINEER FOR REPAIR AND/OR REPLACEMENT.

KEYED NOTES:

1. EXISTING CHILLED-WATER AIR HANDLING UNIT TO REMAIN AND BE RE-USED. CONTRACTOR TO TEST AND INSPECT UNIT PRIOR TO RE-USE.
2. EXISTING CHILLED-WATER AIR HANDLING UNIT TO REMAIN AND BE ABANDONED. CONTRACTOR TO DISCONNECT AND CAP ALL PIPING TO UNIT.
3. EXISTING CHILLED-WATER AIR HANDLING UNIT TO REMAIN AND BE RELOCATED. REFER TO SHEET H101 FOR NEW UNIT LOCATION. CONTRACTOR TO EXTEND AND/OR MODIFY CHILLED WATER PIPING TO UNIT AND RECONNECT AT A NEW LOCATION.
4. EXISTING AIR HANDLING UNIT TO BE REMOVED AND STORED IN ADJACENT TENNENT SPACE. REFER TO SHEET H101 FOR UNIT STORAGE LOCATION.
5. EXISTING AIR HANDLING UNIT TO BE DEMOLISHED. CONTRACTOR TO DISCONNECT AND CAP PIPING TO UNIT AT MAIN.

1 HVAC FIRST FLOOR DEMOLITION PLAN - PARTIAL NORTH
1/8" = 1'-0"

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HVAC FIRST FLOOR DEMOLITION PLAN - PARTIAL NORTH

SHEET TITLE

HD101

SHEET NUMBER

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KEYED NOTE:

1. EXISTING CHILLED-WATER AIR HANDLING UNIT TO REMAIN AND BE RE-USED. CONTRACTOR TO TEST AND INSPECT UNIT PRIOR TO RE-USE.
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1 HVAC FIRST FLOOR DEMOLITION PLAN - PARTIAL SOUTH
1/8" = 1'-0"

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HVAC FIRST FLOOR DEMOLITION PLAN - PARTIAL SOUTH
SHEET TITLE
HD102
SHEET NUMBER

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EXISTING FAN COIL UNIT TO BE STORED IN THIS LOCATION. REFER TO HD101 FOR ORIGNAL LOCATION (TYP.)

EXISTING PERIMETER HEATING TO REMAIN. CONTRACTOR TO CONFIRM OPERATION OF EXISTING SISTEM.

CONTRACTOR TO CAP ALL UNUSED BRANCHES AND TAKEOFFS ON EXISTING OUTSIDE AIRDUCT

TERMINATE RETURN DUCT WITH WIRE MESH SCREEN. (TYP. FOR ALL)

RETURN GRILLE OPEN TO PLENUM CEILING. (TYP. FOR ALL)

EXISTING EXHAUST DUCT UP

EXISTING DEDICATED OUTSIDE AIR UNIT SERVING 1ST & 2ND FLOORS. CONTRACTOR TO TIE INTO DUCTWORK AND BALANCE FOR REQUIRED AIRFLOWS AS INDICATED ON DRAININGS.

SEE CONTINUATION ON H102

1 HVAC FIRST FLOOR DUCTWORK PLAN - PARTIAL NORTH

1/8" = 1'-0"

KEYED NOTES:

1. EXISTING CHILLED WATER FAN COIL UNIT TO BE RE-USED. VERIFY EXACT LOCATION AND TEST AND INSPECT FOR OPERATION PRIOR TO RE-USE. (TYP.)
2. RELOCATED AIR HANDLING UNIT. EXTEND AND/OR MODIFY PIPING AND POWER CONNECTION AS REQUIRED.

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ENLARGED HVAC FLOOR PLAN - PARTIAL NORTH

SHEET TITLE

H101

SHEET NUMBER

NOT FOR CONSTRUCTION

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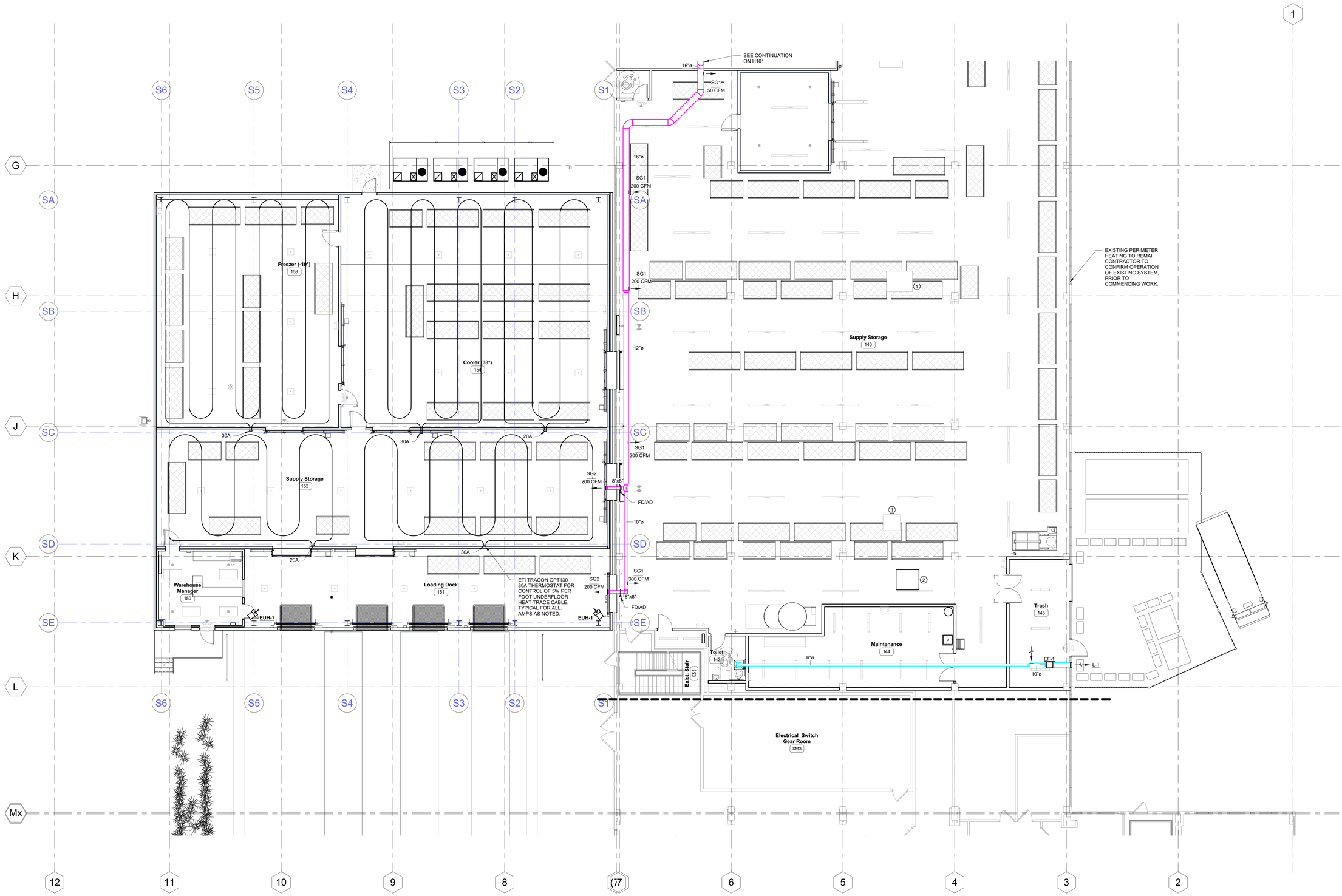

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2. RELOCATED AIR HANDLING UNIT. EXTEND AND/OR MODIFY PIPING AND POWER CONNECTION AS REQUIRED.

1 HVAC FIRST FLOOR DUCTWORK PLAN - PARTIAL SOUTH

1/8" = 1'-0"

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#	Description	Date
1	GENERAL REVISION #1	01/01/21
3	GENERAL REVISION #3	06/02/21

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ENLARGED HVAC FLOOR PLAN - PARTIAL SOUTH

SHEET TITLE

H102

SHEET NUMBER

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GENERAL NOTES:

1. ALL CONDUITS ARE SHOWN DIAGRAMMATICALLY, EXACT RUNS SHALL BE DETERMINED IN FIELD EXCEPT WHERE SPECIFICALLY DIMENSIONED ON CONDUIT LAYOUTS. CONTRACTOR SHALL FOLLOW MINIMUM SPACING REQUIREMENTS TO REDUCE ELECTROMAGNETIC INTERFERENCE. COORDINATE CONDUIT ROUTING WITH ALL OTHER TRADES.
2. ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL TO BUILDING WALLS AND BEAMS EXCEPT WHERE OTHERWISE SHOWN. CONTRACTOR SHALL INSTALL CONDUIT IN SUCH A MANNER TO AVOID ALL INTERFERENCES.
3. DEFLECTION/EXPANSION FITTINGS SHALL BE PROVIDED WHERE RIGID METAL CONDUIT CROSSES STRUCTURAL EXPANSION JOINTS.
4. EXPOSED CONDUIT SHALL BE SUPPORTED ON WALLS OR CEILINGS BY APPROVED HANGERS OF ANGLE OR CHANNEL CONSTRUCTION. CONDUITS SHALL BE SUPPORTED AT LEAST EVERY EIGHT (8) FEET.
5. ALL SPARE CONDUITS SHALL BE TERMINATED AS SHOWN ON CONDUIT LAYOUTS AND SHALL BE CAPPED 3" ABOVE FINISHED FLOOR.
6. NO CONDUIT SHALL BE SMALLER THAN ¾" UNLESS NOTED OTHERWISE ON PLANS.
7. EXACT CONDUIT STUB-UP LOCATIONS ARE TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR BASED ON CERTIFIED MANUFACTURER'S DRAWINGS OF THE RESPECTIVE EQUIPMENT. CONDUIT SHALL BE INSTALLED TO AGREE WITH EQUIPMENT FURNISHED.
8. ALL LIGHTING WIRING SHALL BE #12AWG. UNLESS OTHERWISE NOTED. THE NUMBER OF WIRES SHOWN ON THE DRAWINGS IS NOT NECESSARILY THE CORRECT NUMBER REQUIRED. THE CONTRACTOR SHALL INSTALL AS MANY AS ARE NECESSARY FOR PROVIDING A COMPLETE ELECTRICAL SYSTEM IN EACH CASE.
9. CONDUITS PASSING THROUGH BUILDING FLOORS OR WALLS BELOW GRADE ARE TO BE INSTALLED WITH WATERTIGHT THRU WALL CONDUIT SEAL FITTINGS.
10. EQUIPMENT FURNISHED BY OTHERS SHALL BE INSTALLED & ENERGIZED BY THE ELECTRICAL CONTRACTOR.
11. ONLY CONDUITS HAVING OUTSIDE DIAMETERS NO LARGER THAN ONE-THIRD OF THE THICKNESS OF SLAB MAY BE INSTALLED WITHIN THE CONCRETE SLABS.
12. CONDUITS IN STRUCTURAL SLABS ARE TO BE SPACED SO AS TO PROVIDE NO LESS THAN THREE CONDUIT DIAMETERS, CENTER TO CENTER, WHEREVER POSSIBLE. LARGER SPACING IS PREFERRED.
13. CONTINUOUS ROWS OF CONDUITS ARE NOT TO BE PLACED IMMEDIATELY ALONG BEARING ENDS OF SLABS.
14. THE ELECTRICAL CONTRACTOR SHALL NOT ENDANGER THE STABILITY OF THE STRUCTURE OR ANY PART THEREOF BY CUTTING, DRILLING OR OTHERWISE, AND SHALL NOT IN ANY WAY CUT OR ALTER THE WORK OF ANY OTHER CONTRACTOR, EXCEPT WITH THE WRITTEN CONSENT OF AND UNDER THE DIRECTION OF THE ARCHITECT AND/OR GENERAL CONTRACTOR.
15. THE ELECTRICAL CONTRACTOR SHALL SECURE ALL APPROVALS AND CERTIFICATES AND PAY ALL FEES FOR ALL THE WORK INSTALLED. CERTIFICATES SHALL BE DELIVERED TO THE GENERAL CONTRACTOR BEFORE FINAL PAYMENT WILL BE MADE.
16. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST APPLICABLE VERSION OF THE NEC AS WELL AS ALL STATE AND LOCAL CODES.
17. THE DRAWINGS INDICATE AND THE SPECIFICATIONS DESCRIBE THE GENERAL ARRANGEMENTS AND LOCATION OF OUTLET BOXES, ETC. THE CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE OWNER, MAKE ALL REASONABLE MODIFICATIONS IN THE WORK AS MAY BE REQUIRED TO PREVENT CONFLICT WITH EXISTING CONDITIONS, THE WORK OF OTHER TRADES AND FOR THE PROPER INSTALLATION OF THE WORK.
18. PRIOR TO SUBMISSION OF BID PROPOSAL, THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE CAREFULLY THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT WILL BE INCURRED DURING THE PERFORMANCE OF HIS WORK.
    - A. VERIFY & COORDINATE CONDUIT ROUTING.
    - B. VERIFY & COORDINATE SCOPE OF DEMOLITION WORK.
    - C. VERIFY & COORDINATE SCOPE OF WORK INVOLVING CONNECTIONS TO EXISTING BASE BUILDING SYSTEMS.
    - D. VERIFY SCOPE OF WORK THAT HAS TO BE DONE WITH EXISTING FIRE ALARM SYSTEM AS REQUIRED TO ACCOMMODATE ALL ADDED DEVICES.
    - E. VERIFY WITH GENERAL CONTRACTOR SCOPE OF WORK ASSOCIATED WITH RIGGING OF EQUIPMENT TO BE PREPURCHASED.
    - F. COORDINATE WITH THE BUILDING ENGINEER AND GENERAL CONTRACTOR SHUT DOWNS OF EXISTING FACILITIES.
19. ARRANGE FOR SITE VISIT WITH THE BLDG. OWNER REPRESENTATIVE AND GENERAL CONTRACTOR.
20. CLAIMS FOR ADDITIONAL COMPENSATION ARISING DUE TO THE FAILURE OF THE CONTRACTOR TO FULLY UNDERSTAND THE SITE CONDITIONS SHALL NOT BE PAID FOR BY ANY OTHER PARTY.
21. CONNECTIONS TO EXISTING WORK:
    - A. INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES.
    - B. TEMPORARY SHUTDOWNS OF EXISTING SERVICES:
        - a. AT NO ADDITIONAL CHARGES.
        - b. AT TIMES NOT TO INTERFERE WITH NORMAL OPERATION OF EXISTING SERVICES.
        - c. ONLY WITH WRITTEN CONSENT OF THE GENERAL CONTRACTOR AND/OR BUILDING OWNERS REPRESENTATIVE.
    - C. ALARM AND EMERGENCY SYSTEMS: NOT TO BE INTERRUPTED.
    - D. MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES AS REQUIRED WITH NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK.
    - E. CONNECT NEW WORK TO EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL CONDITION, INCLUDING MAINTENANCE OF WIRING CONTINUITY AS REQUIRED.
    - F. PRIOR TO DEMOLITION OF AN EXISTING POWER PANEL, THE CONTRACTOR SHALL SEARCH OUT ALL EXISTING CIRCUITS FED FROM THE PANEL TO PREVENT ANY ACCIDENTAL SERVICE INTERRUPTIONS.
22. LEAVE WIRE SUFFICIENTLY LONG TO PERMIT MAKING FINAL CONNECTIONS. CONDUIT OVER 10 FEET IN WHICH WIRING IS NOT INSTALLED-FURNISH PULL STRING.
23. DO NOT PULL THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32 DEG F (0 DEG C). PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUITS AS REQUIRED BY CODE.
24. LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS AT OR NEAR DOORS. INSTALL SWITCH ON SIDE OPPOSITE HINGE; VERIFY FINAL DOOR HINGE LOCATION IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.
25. JUNCTION & PULL BOXES: DO NOT LOCATE EXPOSED IN FINISH SPACES UNLESS REQUIRED BY NEC. WHERE NECESSARY, REROUTE CONDUIT OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT. PROVIDE PULL BOXES AS INDICATED AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE AND COORDINATE LOCATIONS WITH OTHER TRADES. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE. FOR EMPTY CONDUITS, INSTALL PULL BOXES EVERY 100 FEET AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.
26. SUPPORT PANEL, JUNCTION & PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON CONDUIT.
27. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
28. FOR EACH LOCATION OF OTHER TRADES EQUIPMENT, SEE RESPECTIVE TRADE DRAWINGS.
29. FOR RECEPTACLE & OUTLETS MOUNTING HEIGHTS AND POSITION (HORIZONTAL, VERTICAL), COORDINATE WITH ARCHITECT, OWNER, REPRESENTATIVE & DATA/ COMMUNICATION CONSULTANT.
30. CONTRACTOR SHALL PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAILS SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE WORKABLE SYSTEM.
31. USE OF ISOLATED TYPE GROUNDING CONDUCTOR FOR IG TYPE RECEPTACLES, PLUG MOLDS & EQUIPMENT DOES NOT RELIEVE REQUIREMENT FOR GROUNDING CONDUIT SYSTEM, DEVICES AND EQUIPMENT AS REQUIRED BY ALL APPLICABLE CODES. PROVIDE AND INSTALL GROUNDING FITTING, EQUIPMENT GROUND WIRING ETC. AS REQUIRED.
32. ALL CONDUITS, TRANSFORMERS ETC. SHALL BE SUPPORTED FROM STRUCTURAL STEEL ONLY. COORDINATE WITH GENERAL CONTRACTOR.
33. ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT IN ELECTRICAL AND SERVICE SWITCHBOARD ROOM SHALL BE INSTALLED ON 4" CONCRETE PAD AS REQUIRED TO SUPPORT EACH SECTION OF EQUIPMENT. COORDINATE WITH GENERAL CONTRACTOR.
34. PROVIDE BARRIERS IN ALL PULL BOXES FOR CONDUIT SETS.
35. PAINT AND RUST PROOF ALL HARDWARE & CONDUITS ON ROOF AND IN EXPOSED AREAS AS DIRECTED BY GENERAL CONTRACTOR.
36. NUMBER SHOWN ADJACENT TO LIGHTING FIXTURES, RECEPTACLES, OUTLETS, JUNCTION BOXES ETC. INDICATES CIRCUIT NUMBER.
37. ALL GROUND CONNECTIONS TO THE BUILDING STEEL SHALL BE EXOTHERMIC WELDED.
38. FOR RAISED FLOOR SYSTEMS, THE ELECTRICAL CONTRACTOR SHALL DRILL HOLE IN THE FLOOR TILE FOR TRANSITION FROM BELOW FLOOR TO DEVICE SERVED.
39. FLEXIBLE CONNECTIONS IN EXPOSED AREAS SHALL NOT EXCEED 18" MAXIMUM.
40. ALL EQUIPMENT DEVICES, WIRING, ETC. SHOWN ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED.
41. ELECTRICAL CONTRACTOR SHALL PROVIDE SLEEVES/ OPENINGS FOR ALL CONDUIT RISERS PENETRATING WALLS, ROOF & FLOOR SLABS. ALL ROOF AND MECH. ROOMS SLAB PENETRATIONS SHALL BE WATERPROOF. METHOD OF PENETRATIONS & FIRE/WATER WATER PROOFING SHALL BE APPROVED BY ARCHITECT AND STRUCTURAL ENGINEER, COORDINATE WITH GENERAL CONTRACTOR.
42. ELECTRICAL CONTRACTOR SHALL BECOME FAMILIAR AND COMPLY WITH OWNERS BUILDING STANDARDS FOR CONSTRUCTION.
43. ALL FINAL CONNECTIONS TO VIBRATING EQUIPMENT (MOTORS, GENERATORS ETC.) SHALL BE THROUGH A LIQUID TIGHT FLEXIBLE METAL CONDUIT.
44. LOCATION OF ALL SLAB PENETRATIONS FOR SLEEVES & CONDUITS SHALL BE REVIEWED & APPROVED BY STRUCTURAL ENGINEER & ARCHITECT.
45. CONTRACTOR SHALL WIRE NO MORE THAN EIGHT CONVENIENCE RECEPTACLES TO A 20A SINGLE POLE CIRCUIT. UTILIZE 2-#12&1 #12 GND IN ¾" CONDUIT & 1-20A SINGLE POLE CIRCUIT BREAKER FOR EACH CIRCUIT. INSTALL ADDITIONAL CIRCUIT AS NECESSARY TO MEET THIS REQUIREMENT.
46. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.
47. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE REFERENCED EQUIPMENT OR SYSTEMS IN THEIR ENTIRETY AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
48. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR ARCHITECT; DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
49. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.
50. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY ELECTRICAL SERVICES TO ALL TRADES.
51. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND ARRANGE FOR ALL INSPECTION REQUIRED FOR ELECTRICAL WORK.
52. COORDINATE SHORT CIRCUIT AND ARC FLASH STUDY WITH EXISTING LANDLORD EQUIPMENT.
53. BEFORE ANY EQUIPMENT TO BE INSTALLED, VERIFY THE MODEL NUMBER AND ELECTRICAL INFORMATION FOR CORRECT WIRING.

LIGHTING SYMBOLS

- CEILING MOUNTED VACANCY SENSOR
- EXIT LIGHT (SEE SCHEDULE)
- $ — 1P, 20A, TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $K — 1P, 20A, KEYED TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $3 — 1P, 20A, 3-WAY TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $3K — 1P, 20A, KEYED 3-WAY TOGGLE SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $D — 1P, 20A, DIMMER SWITCH, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $P — 1P, 20A, TOGGLE SWITCH WITH PILOT LIGHT, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $L — 1P, 20A, TOGGLE SWITCH WITH BUILT-IN LIGHT, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- $ — 1P, 20A, TOGGLE SWITCH WITH BUILT-IN VACANCY SENSOR, PROVIDE WITH MATCHING FACE PLATE, COLOR BY ARCHITECT. MOUNT 48" AFF.
- SAME AS ABOVE EXCEPT WIRED FOR DUAL LIGHTING. SWITCH NEAREST TO DOOR SHALL OPERATE OUTER LAMPS. SECOND SWITCH SHALL OPERATE INNER LAMP(S).
- EMERGENCY WALL PACK FIXTURE (SEE SCHEDULE)
- EMERGENCY WALL PACK FIXTURE WITH EXIT SIGN (SEE SCHEDULE)
- REMOTE HEAD SUITABLE FOR OUTDOOR USE, COLOR BY ARCHITECT (SEE SCHEDULE)

COMMUNICATION SYMBOLS

- TELEPHONE OUTLET. PROVIDE & INSTALL CAT 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING IN ¾" CONDUIT. MOUNT OUTLET 18" AFF UNLESS OTHERWISE NOTED.
- COMBINATION TELEPHONE/DATA OUTLET. PROVIDE & INSTALL (2) CAT. 6 CABLES FROM OUTLET LOCATION TO ABOVE CEILING EACH IN ¾" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
- W — TELEPHONE WALL OUTLET. PROVIDE & INSTALL CAT 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING IN ¾" CONDUIT. MOUNT OUTLET 48" AFF UNLESS OTHERWISE NOTED.
- DATA OUTLET. PROVIDE & INSTALL CAT. 6 CABLE FROM OUTLET LOCATION TO ABOVE CEILING EACH IN ¾" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED.
- TV — TV OUTLET. PROVIDE & INSTALL PULL STRING FROM OUTLET LOCATION TO ABOVE CEILING EACH IN ¾" CONDUIT. MOUNT 18" AFF UNLESS OTHERWISE NOTED.

FIRE ALARM SYMBOLS

- P — FIRE ALARM PULL STATION
- S — SMOKE DETECTOR. A=AUXILIARY CONTACTS.
- S — STROBE ONLY ADA COMPLIANT
- FA or FA — FIRE ALARM HORN W/STROBE ADA COMPLIANT
- H — HEAT DETECTOR
- DS — DUCT SMOKE DETECTOR. COORDINATE SIZE OF SAMPLING TUBE WITH DUCTWORK. PROVIDE RELAYS AS REQUIRED.
- CO — CARBON MONOXIDE DETECTOR

POWER SYMBOLS

- SPEC GRADE NEMA 5-20R RECEPTACLE. -GFI INDICATES GROUND FAULT INTERRUPTION -WP INDICATES WEATHER PROOF ENCLOSURE
- SPEC GRADE NEMA 5-20R RECEPTACLE. MOUNT AT 44" AFF OR 6" ABOVE COUNTER, UON. -GFI INDICATES GROUND FAULT INTERRUPTION -WP INDICATES WEATHER PROOF ENCLOSURE
- 2P, 3 WIRE, 250V GROUNDING NEMA 6-30R RECEPTACLE. -GFI INDICATES GROUND FAULT INTERRUPTION -WP INDICATES WEATHER PROOF ENCLOSURE
- 1P, 3 WIRE, 125V QUAD RECEPTACLE. -GFI INDICATES GROUND FAULT INTERRUPTION -WP INDICATES WEATHER PROOF ENCLOSURE
- SPECIAL PURPOSE CONNECTION.
- J — JUNCTION BOX, SIZE PER N.E.C.
- 4 N/F — 3P, NON-FUSED DISCONNECT SWITCH, FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SHALL HAVE THE SAME # OF POLES AS CONNECTING CIRCUIT UNLESS OTHERWISE NOTED.
- 4 — 3P, FUSED DISCONNECT SWITCH, FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. SHALL HAVE THE SAME # OF POLES & AMPERE RATING AS CONNECTING CIRCUIT UNLESS OTHERWISE NOTED.
- MOTOR STARTER FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR
- MOTOR STARTER FURNISHED & INSTALLED WITH EQUIPMENT.
- 4 — COMBINATION NON-FUSED DISCONNECT SWITCH & MAGNETIC MOTOR STARTER WITH HAND/OFF/AUTO SWITCH. FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.
- PB — PULL BOX
- 480Y/277V, 3ø, 4W PANEL BOARD (SEE SCHEDULE)
- 208Y/120V, 3ø, 4W PANEL BOARD (SEE SCHEDULE)
- CONDUIT HOME RUN TO DESIGNATED PANEL. REFER TO PANEL SCHEDULE FOR CONDUIT & CABLE QUANTITY AND SIZE.
- DOUBLE HOME RUN
- TRIPLE HOME RUN
- GROUND
- TRANSFORMER
- $m — 120V, OR 208V, 1P, MOTOR STARTER WITH OVERLOADS TO SERVE AS DISCONNECTING MEANS. COORDINATE WITH OTHER TRADES.
- K — KEY PAD
- T — TRANSFORMER (SIZE SHOWN ON PLAN OR ONE-LINE DIAGRAM)
- 100A-1P — CIRCUIT BREAKER - 100A TRIP - SINGLE POLE
- 100A-3P — FUSE SWITCH - 100A FUSE - 3 POLE
- MOTOR
- M — ELECTRIC METER

GENERAL SYMBOLS

- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- POINT OF DISCONNECT
- X / XX — INDICATES SECTION LETTER / INDICATES DRAWING NUMBER WHERE LOCATED

ELECTRICAL DEMOLITION NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT AREAS TO BE DEMOLISHED.
2. DISCONNECTION AND REMOVAL OF FIRE ALARM DEVICES AND SECURITY CAMERAS WITHIN THIS AREA SHALL BE DONE BEFORE THE START OF PROJECT. RETURN TO THE OWNER, REMOVED DEVICES.
3. ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY TEMPORARY WORK AND/OR MATERIALS TO RENDER EXISTING SYSTEM OPERATIONAL DURING ALL PHASES OF CONSTRUCTION IN ALL OCCUPIED SPACES. COORDINATE WITH ALL TRADES, OWNER AND OVERALL CONSTRUCTION PHASING SCHEDULE.
4. ALL CUTTING AND PATCHING NECESSARY FOR THE DEMOLITION WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
5. IT SHALL BE THE OWNER'S RESPONSIBILITY TO REMOVE ANY LOOSE EQUIPMENT, FURNITURE, SUPPLIES, ETC. THAT MAY BE LOCATED IN THE AREA OF WORK.

LUMINAIRE SCHEDULE 1ST FL

SYMBOL	LABEL	DESCRIPTION
$	OD	LDD-700S WALL MOUNT SENSOR WITH DIMMING
$	O	LDS-700S WALL MOUNT SENSOR, NO DIMMING
□	PP	PPU-300 POWER PACK WITH BMS INTERFACE
○	CS1	BOS-515N-R-F PIR CEILING SENSOR, SURFACE MOUNT, WIDE COVERAGE
○	CS2	BOS-515N-R-L PIR CEILING SENSOR, SURFACE MOUNT, LONG AISLE COVERAGE
○	CS3	BRD-500S-P-F PIR CEILING SENSOR, SMART DIMMING, SURFACE MOUNT, WIDE COVERAGE
○	CS4	BDS600-S-S-F DUAL TECH CEILING SENSOR, SURFACE MOUNT, WIDE COVERGE
○	CS5	LOD500-S-A LINE VOLTAGE PIR CEILING SENSOR, SMART DIMMING
○	CS6	BRD-500S-P-C PIR CEILING SENSOR, HIGH MOUNT, SMART DIMMING
○	CS7	BRD-500S-P-C PIR AISLE CEILING SENSOR, HIGH MOUNT, SMART DIMMING
□	LVD	PPD-720 LV SWITCH STATION, ON/OFF/DIMMING
$	LV	PBS-721 LV SINGLE BUTTON WALL SWITCH, ON/OFF NO DIMMING
$	2LV	PBS-722 LV2 BUTTON WALL SWITCH, ON/OFF NO DIMMING

NOTE:

1. ALL SENSORS SHOWN ARE IR-TEC BUILDING SENSORS. ELECTRICAL CONTRACTOR TO WIRE LIGHTING CONTROL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ABBREVIATIONS

A	AMPERE
ACT	ACOUSTIC CEILING TILE
AD	AUTOMATIC DAMPER
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
C	CONDUIT
CAT	CATALOG
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DP	DISTRIBUTION PANEL
DF	DRINKING FOUNTAIN
DIV	DIVISION
DS	DISCONNECT (LOCKOUT) SWITCH
DWG	DRAWING
EA	EACH
E.C.	ELECTRICAL CONTRACTOR
ELEC.	ELECTRICAL
ELEV	ELEVATOR
E.P.O.	EMERGENCY POWER OFF
EQUIP.	EQUIPMENT
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FAP	FIRE ALARM PANEL
FL	FLOOR
FLEX	FLEXIBLE
FT	FEET OR FOOT
FLUOR.	FLUORESCENT
F.W.E.	FURNISHED WITH EQUIPMENT
G, GND	GROUND
GEN.	GENERATOR
GFI	GROUND FAULT INTERRUPTER
G.C.	GENERAL CONTRACTOR
HH	HAND HOLE
HP	HORSEPOWER
HS	HAND SWITCH
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HZ	HERTZ
IC	INTERRUPTING CAPACITY
IG, I	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KV	KILO VOLT
KVA	KILO VOLT AMP
KW	KILO WATT
LED	LIGHT-EMITTING DIODE
LP	LIGHTING PANEL
LTG	LIGHTING
M.C.	MECHANICAL CONTRACTOR
MCM	THOUSAND CIRCULAR MILS
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
N	NEUTRAL
NIC	NOT IN CONTRACT
NEC	NATIONAL ELECTRIC CODE
NTS	NOT TO SCALE
NM	NON-METALLIC CONDUIT
P	POLE
PB	PULL BOX
ø	PHASE
PWR	POWER
RECEPT.	RECEPTACLE
REQ.	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
SCHED.	SCHEDULE
SECT.	SECTION
SPEC.	SPECIFICATION
SPKR.	SPEAKER
SV	SOLENOID VALVE
SW	SWITCH
SWBD	SWITCH BOARD
SYS	SYSTEM
TEL	TELEPHONE
TC	TIME CLOCK
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
UPS	UN-INTERRUPTABLE POWER SUPPLY
VFC	VARIABLE FREQUENCY CONTROLLER
VIF	VERIFY IN FIELD
VSD	VARIABLE SPEED DRIVE
WP	WEATHER PROOF
W	WATT
XFMR/ TRANSF.	TRANSFORMER

RECEPTACLE LIST/ COMMUNICATION SYMBOLS

- 2 — 2-CAT6 CABLES
- 1-CAT6 CABLE
- CAT6 CABLES ABOVE CEILING (WI-FI)
- R — REFRIGERATOR
- P — COFFEE POT
- F — FOUNTAIN
- T — TOASTER
- V — VENDING
- M — MICROWAVE
- CH — CHILD PROTECTION RECPTACLE
- PR — PRINTER
- CL — EMPLOYEE CLOCK
- TO — TOASTER OVEN

FIRE ALARM NOTES:

1. REFER TO THE FLOOR PLANS FOR LOCATION & QUANTITY OF FIRE ALARM DEVICES.
2. ALL FIRE ALARM WIRING SHALL BE IN TEFLON WIRE AND SHALL BE CONCEALED IN CEILING SPACES & WALLS, RUN IN CONDUIT WHERE EXPOSED.
3. SYSTEM SCHEMATIC IS A DIAGRAMMATIC REPRESENTATION OF THE FIRE ALARM SYSTEM. THE SYSTEM SHALL BE INSTALLED AND WIRED AS PER THE SYSTEM MANUFACTURERS RECOMMENDATION FOR A COMPLETE AND OPERABLE SYSTEM.
4. CONTRACTOR IS RESPONSIBLE FOR ALL FILING AND FINAL INSPECTION AS PER THE LOCAL AUTHORITY HAVING JURISDICTION.
5. CONTRACTOR TO PROVIDE AND INSTALL ALL NECESSARY MODULES, INTERFACE MODULES AND DEVICES REQUIRED TO PROVIDE AN OPERABLE ALARM SYSTEM IN COMPLIANCE WITH ALL CODES.
6. FIRE ALARM PANEL SHALL PROVIDE CONTINUOUSLY SUPERVISED MONITORING OF ALL SYSTEMS FOR OPENS, SHORTS AND GROUNDS.
7. ACTIVATION OF THE SMOKE DETECTORS SHALL CAUSE A GENERAL ALARM AFTER THE SMOKE DETECTOR PERFORMS VERIFICATION.
8. ACTIVATION OF ANY PULL STATION OR HEAT DETECTOR SHALL IMMEDIATELY CAUSE THE ALARM PANEL TO ENTER THE ALARM MODE.
9. UPON ENTERING THE PANEL ALARM MODE, THE ALARM INDICATING DEVICE SHALL BE ACTIVATED, AND THE SUPPLY FANS SHALL SHUT-DOWN AND THE DIGITAL COMMUNICATOR SHALL NOTIFY THE CENTRAL RECEIVING STATION. (ROCKLAND COUNTY FIRE CONTROL CENTER).
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY ADDITIONAL RELAY DEVICES OR POWER TRANSFORMERS FOR PROPER OPERATION OF THE FAN SHUT-DOWN UNITS AND OTHER RELATED DEVICES.
11. BATTERY BACKUP SHALL PROVIDE A MINIMUM OF 24 HRS. OPERATION WITH A 15 MINUTE ALARM AT THE END OF 24 HRS.
12. NEW FIRE ALARM SYSTEM SHALL BE TESTED IN ACCORDANCE WITH NFPA CODES 70, 70E, 72, BCNYS, FCNYS, LSC101 (2000)-CH.32 NEW BOARD AND CARE OCCUPANCY AS WELL AS ALL LOCAL AND STATE CODE REQUIREMENTS.
13. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL APPURTENANCES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. MODEL NUMBERS GIVEN MAY NOT INCLUDE ALL SPECIFIC REQUIRED ACCESSORIES FOR COMPLETE INSTALLATION.
14. PROVIDE APPURTENANCES NECESSARY SUCH THAT IF MORE THEN TWO STROBES ARE VISIBLE THEY SHALL FLASH IN SYNCH.
15. PROVIDE FLOW SWITCH AND TAMPER SWITCH AT SPRINKLER RISER.
16. ENTIRE FIRE DETECTION AND ALARM SYSTEM SHALL BE FURNISHED AND INSTALLED BY A N.Y. STATE LICENSED ALARM CONTRACTOR.
17. FIRE ALARM CONTRACTOR TO CONNECT NEW F.A. SUBPANEL TO EXISTING BUILDING F.A. PANEL.
18. ALL AIR HANDLING SYSTEMS RATED 2,000 CFM OR MORE SHALL BE PROVIDED WITH DUCT SMOKE DETECTORS FAN SHUTDOWNS CONNECTED TO THE FIRE ALARM SYSTEM.

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Revision Schedule

#	Description	Date

SCALE	AS NOTED
DRAWN BY	
ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL SYMBOLS, ABBREVIATIONS & NOTES
SHEET TITLE
E001
SHEET NUMBER

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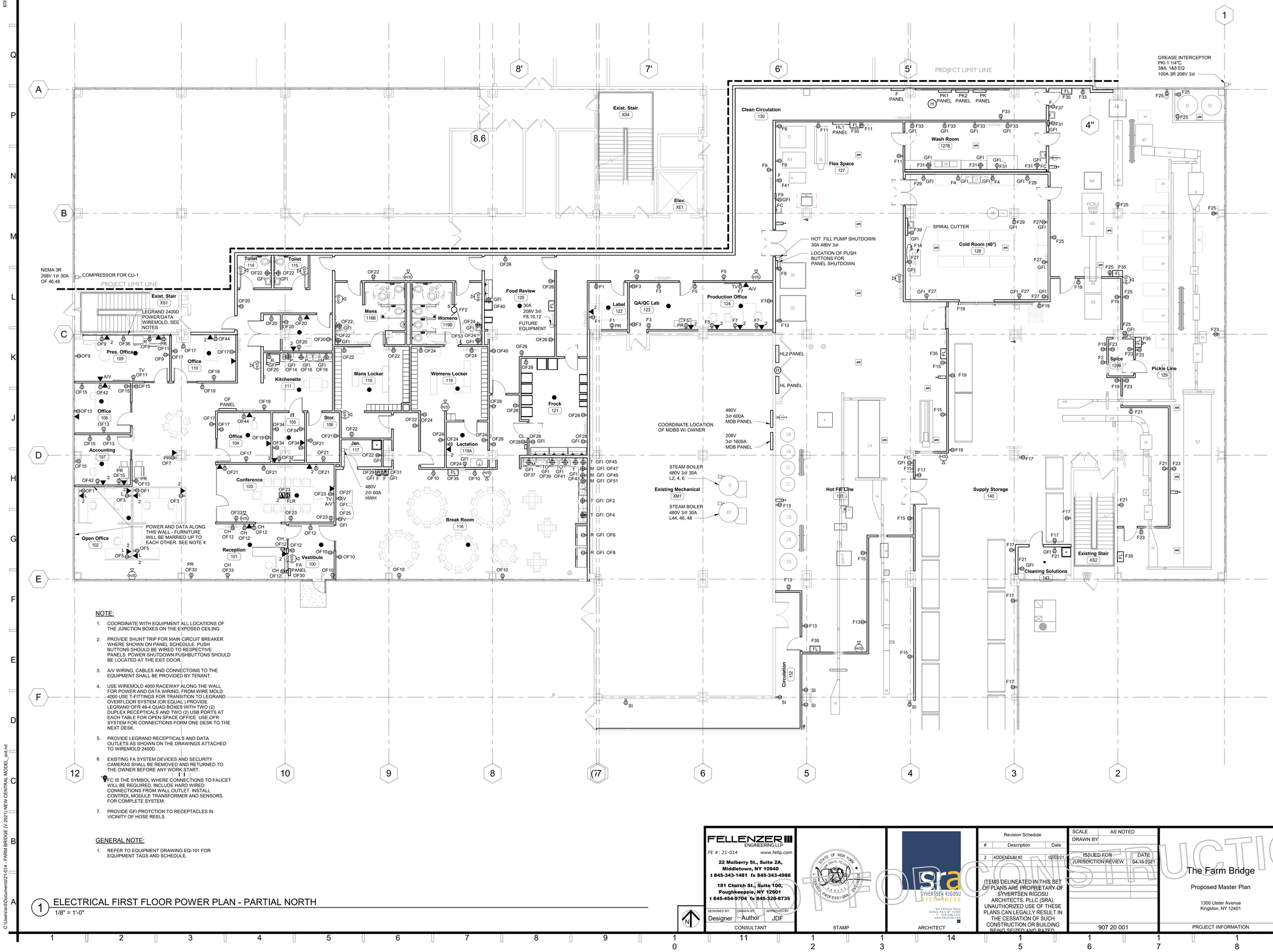

NOTE:

1. COORDINATE WITH EQUIPMENT ALL LOCATIONS OF THE JUNCTION BOXES ON THE EXPOSED CEILING.
2. PROVIDE SHUNT TRIP FOR MAIN CIRCUIT BREAKER WHERE SHOWN ON PANEL SCHEDULE. PUSH BUTTONS SHOULD BE WIRED TO RESPECTIVE PANELS. POWER SHUTDOWN PUSHBUTTONS SHOULD BE LOCATED AT THE EXIT DOOR.
3. A/V WIRING, CABLES AND CONNECTOINS TO THE EQUIPMENT SHALL BE PROVIDED BY TENANT.
4. USE WIREMOLD 4000 RACEWAY ALONG THE WALL FOR POWER AND DATA WIRING, FROM WIRE MOLD 4000 USE T-FITTINGS FOR TRANSITION TO LEGRAND OVERFLOOR SYSTEM (OR EQUAL.) PROVIDE LEGRAND OFR 48-4 QUAD BOXES WITH TWO (2) DUPLEX RECEPTICALS AND TWO (2) USB PORTS AT EACH TABLE FOR OPEN SPACE OFFICE. USE OFR SYSTEM FOR CONNECTIONS FORM ONE DESK TO THE NEXT DESK.
5. PROVIDE LEGRAND RECEPTICALS AND DATA OUTLETS AS SHOWN ON THE DRAWINGS ATTACHED TO WIREMOLD 2400D.
6. EXISTING FA SYSTEM DEVICES AND SECURITY CAMERAS SHALL BE REMOVED AND RETURNED TO THE OWNER BEFORE ANY WORK START.
7. FC IS THE SYMBOL WHERE CONNECTIONS TO FAUCET WILL BE REQUIRED. INCLUDE HARD WIRED CONNECTIONS FROM WALL OUTLET. INSTALL CONTROL MODULE TRANSFORMER AND SENSORS FOR COMPLETE SYSTEM.
8. PROVIDE GFI PROTCTION TO RECEPTACLES IN VICINITY OF HOSE REELS.

GENERAL NOTE:

1. REFER TO EQUIPMENT DRAWING EQ-101 FOR EQUIPMENT TAGS AND SCHEDULE.

1 ELECTRICAL FIRST FLOOR POWER PLAN - PARTIAL NORTH

1/8" = 1'-0"

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Revision Schedule

#	Description	Date
2	ADDENDUM #2	02/02/21

SCALE	AS NOTED
DRAWN BY	

ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

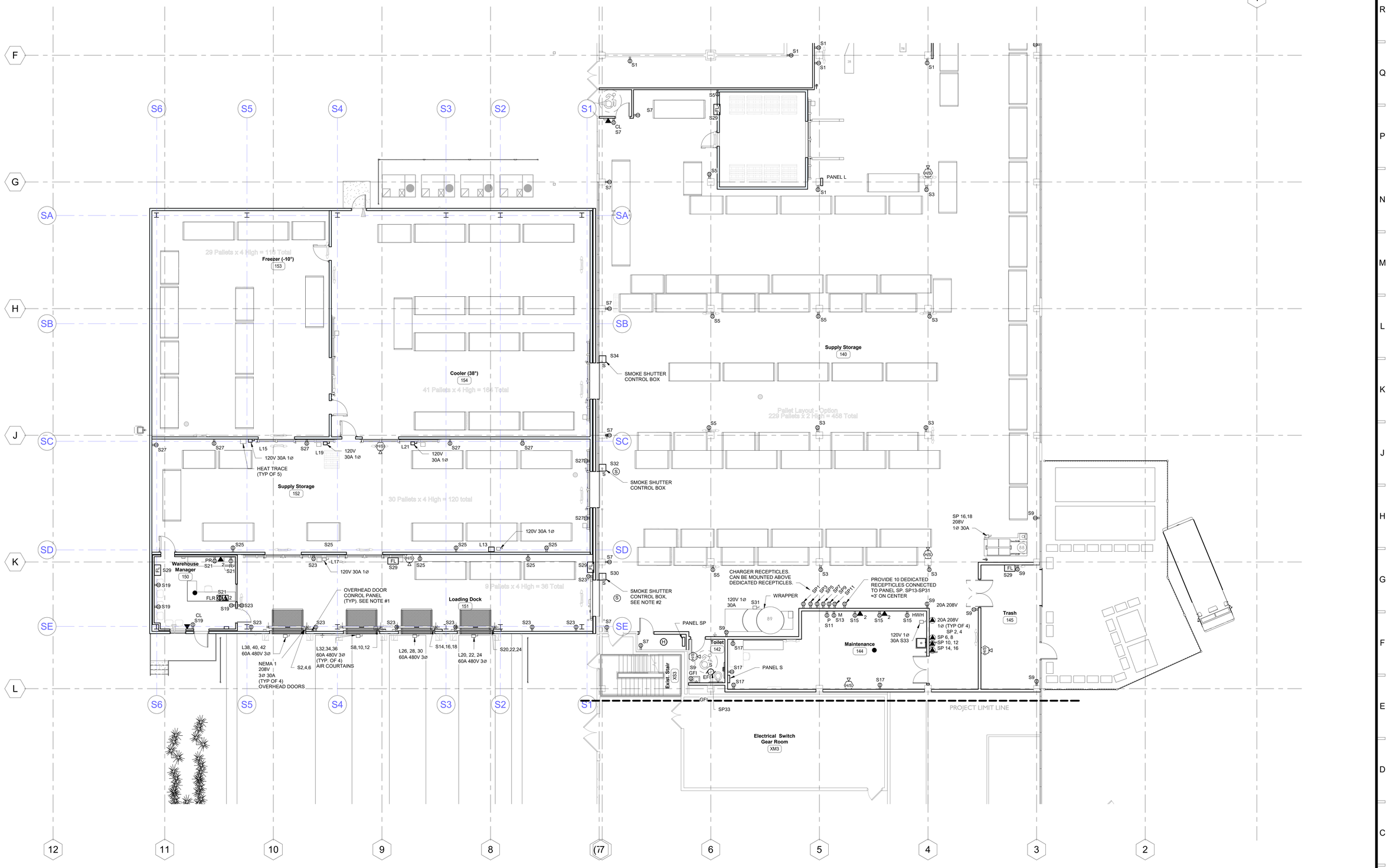
The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL FIRST FLOOR POWER PLAN - PARTIAL NORTH

SHEET TITLE

E101

SHEET NUMBER



GENERAL NOTE:

1. REFER TO EQUIPMENT DRAWING EQ-102 FOR EQUIPMENT TAGS AND SCHEDULE.

NOTE:

1. CONTRACTOR TO WIRE CONTROL PANEL FOR OVERHEAD DOORS, INCLUDING WIRING FOR CONTROL PUSH BUTTON, SAFETY EDGE SENSORS AND ALL MISC. ITEMS FOR COMPLETE OPERATIONAL SYSTEM. (TOTAL OF 4)
2. CONTRACTOR TO COMPLETE SMOKE SHUTTERS SYSTEM WIRING, INCLUDING JUNCTION BOXES, WIRING OF KEY TEST SWITCH, DOOR ACTIVATION SWITCHES, SMOKE DETECTORS, AND MAIN CONTROLLER.
3. FOR FA SYSTEM RUN EXPOSED CABLES IN CONDUITS.
4. OUTSIDE LIGHTING DONE BY OTHERS.

1 ELECTRICAL FIRST FLOOR POWER PLAN - PARTIAL SOUTH
1/8" = 1'-0"

FELLENZER ENGINEERING LLP
FE #: 21-014 www.fellp.com
22 Mulberry St., Suite 2A, Middletown, NY 10940
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t 845-454-9704 fx 845-320-8735
DESIGNED BY: Designer | DRAWN BY: Author | APPROVED BY: JDF
CONSULTANT

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ARCHITECT

Revision Schedule		
#	Description	Date
2	ADDENDUM #2	02/02/21

907 20 001

SCALE	AS NOTED
DRAWN BY	
ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL FIRST FLOOR POWER PLAN - PARTIAL SOUTH
SHEET TITLE
E102
SHEET NUMBER

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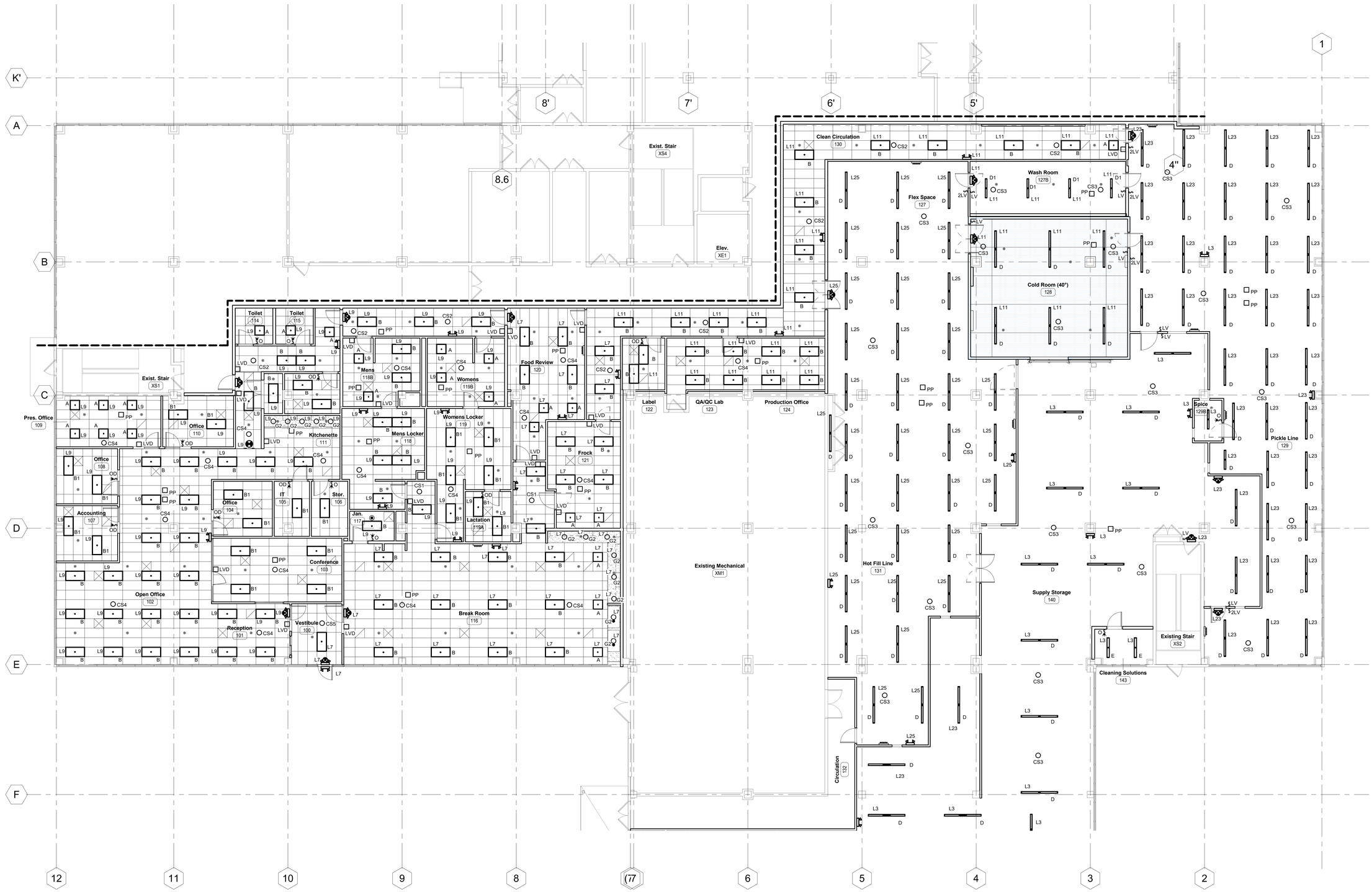

NOTES:

1. INSATLL LIGHTING FIXTURE, NOT TO INTERFERE WITH SPRINKLER HEADS IN ACCORDANCE NFPA13.
2. SUPPORT LIGHTING FIXTURE TO THE CEILING GRID AND TO THE STRUCTURE OF THE BUILDING.
3. COORDINAT LIGHTING FIXTURES WITH RACK LAY-OUT.

1 ELECTRICAL FIRST FLOOR LIGHTING PLAN - PARTIAL NORTH
1/8" = 1'-0"

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JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL LIGHTING FIRST FLOOR PLAN - PARTIAL NORTH
SHEET TITLE
E201
SHEET NUMBER

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Freezer (-10°) 153
Cooler (38°) 154
Supply Storage 152
Warehouse Manager 150
Loading Dock 151
Supply Storage 140
Toilet 142
Maintenance 144
Trash 145
Exist. Stair XS3
Electrical Switch Gear Room XM3
PANEL L

1 ELECTRICAL FIRST FLOOR LIGHTING PLAN - PARTIAL SOUTH
1/8" = 1'-0"

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Revision Schedule		
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2	ADDENDUM #2	02/02/21

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ISSUED FOR	DATE
JURISDICTION REVIEW	04.16.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL LIGHTING FIRST FLOOR PLAN - PARTIAL SOUTH
SHEET TITLE
E202
SHEET NUMBER

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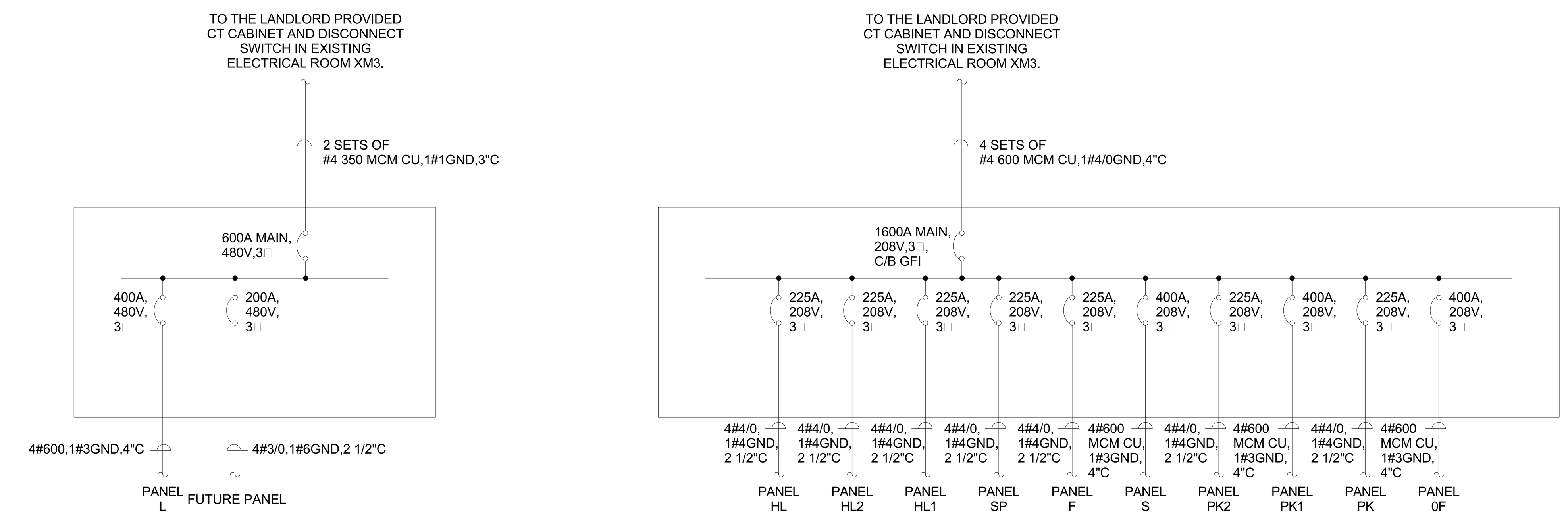
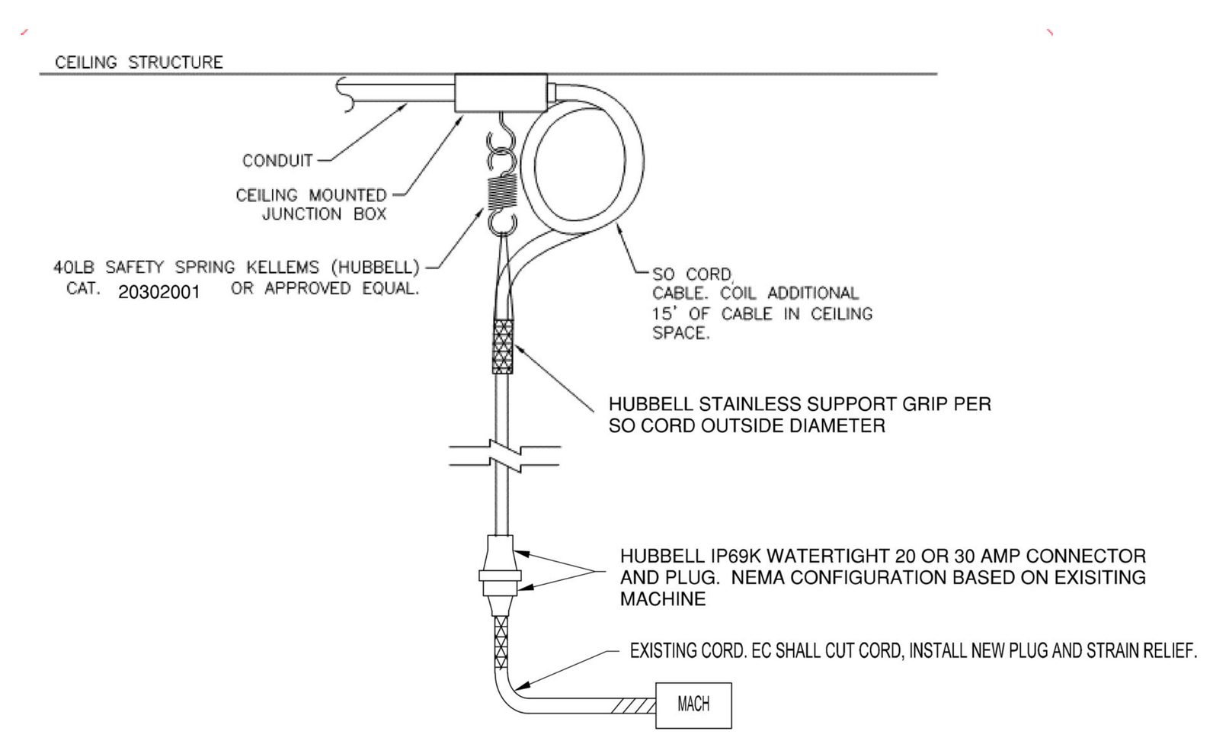
LEGEND AND SCHEDULE OF LIGHTING EQUIPMENT

SYMBOL	MANUFACTURER	MODEL #	DESCRIPTION	VOLTAGE	LAMP
	BEGHELLI	PEH-R-SA	EMERGENCY FIXTURE	277	LED
	BEGHELLI	RCH-R-SA	EXIT EMERGENCY COMBO	277	LED
	BEGHELLI	5LSE205LEDW	OUTSIDE EMERGENCY FIXTURE	277	LED
A	H.E. WILLIAMS	LT-22-L39-840-AF-DIM-UNV	2x2 RECESSED FIXTURE	277	LED
B	H.E. WILLIAMS	LT-24-L40-840-AF-DIM-UNV	2x4 RECESSED FIXTURE	277	LED
B1	H.E. WILLIAMS	LT-24-L52-840-AF-DIM-UNV	2x4 RECESSED FIXTURE	277	LED
C	BEGHELLI	BL736LED-HT-LD-WBD-WT40-120-277V-MTG	2x2 SURFACE	277	LED
D	PACO	PUAC-D-96-L-120-40-MV-DM	SURFACE MOUNTED	277	LED
D1	PACO	PUAC-D-48-L-40-40-MV-DM	SURFACE MOUNTED	277	LED
E	PACO	PUAC-A-48-L-40-40-RA-MV-DM	SURFACE MOUNTED	277	LED
F	WILLIAMS	76R-4-L52-840-DIM-UNV	ROUND LENS STRIP	277	LED
G2	WILLIAMS	6DR-TL-L10-840-DIM-UNV-LW-0F-CS-MWT-F1	DOWNLIGHT	277	LED



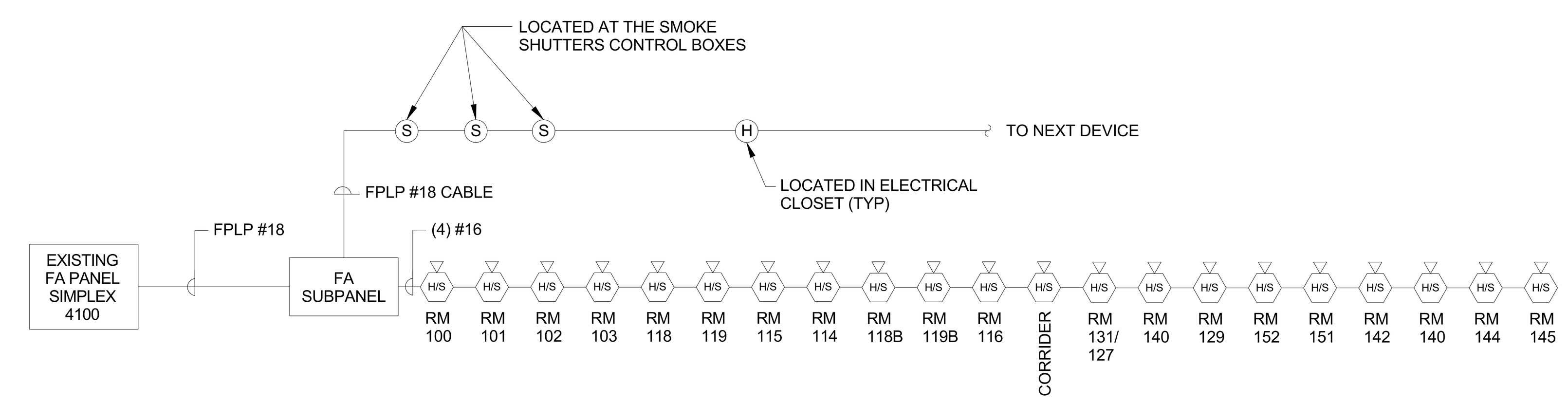
1 BUILDING ONE-LINE DIAGRAM

N.T.S.



2 FLEXIBLE RECEPTACLE CONNECTION DETAIL

N.T.S.



3 FIRE ALARM SYSTEM WIRING DIAGRAM

N.T.S.

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JURISDICTION REVIEW	04.15.2021

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The Farm Bridge

Proposed Master Plan

1300 Ulster Avenue
Kingston, NY 12401

PROJECT INFORMATION

ELECTRICAL DETAILS AND SCHEDULES

SHEET TITLE

E801

SHEET NUMBER

KEY NOTES	QUANTITY	DESCRIPTION	VOLTAGE	HP	AMPS	PHASES	PANEL FED FROM	C/B NUMBER	EQUIPMENT CONNECTION TYPE
11	1	PICKLES - CHIP FILLER	208	5		3	PK1	8,10,12	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
12	1	FLEX SPACE - SPRINT 2 DICER	208	3		3	HL	1,3,5	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 208V 3P WITH GROUND INCLUDING SO CORD 600V CABLE AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
13	1	HOT FILL - PD PUMP	208	3		3	HL	7,9,11	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE WALL TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 208V 3P WITH GROUND INCLUDING SO CORD 600V CABLE AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
14	1	HOT FILL - PULPER W/ PUMP	208 OR 480	10		3	HL	HOLD	PROVIDE DISCONNECT SWITCH ON THE WALL NEMA 3R 100A, 208 V 3P HARD WIRED CONNECTION.
15	1	HOT FILL - FILLER	208		c/b 30a	3	HL	19,21,23	PROVIDE DISCONNECT SWITCH ON THE WALL NEMA 3R 30A, 208 V 3P HARD WIRED CONNECTION.
16	1	HOT FILL - BEAN SNIPPER	208	5		2	HL	25,27,29	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD 600V CABLE AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
17	1	FULTON STEAM BOILER	208	5		3	HL	31,33,35	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
18	1	HOBART LARGE MIXER	208	5		3	HL1	32,34,36	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
20	2	RACK OVEN WITH EXAUST HOOD	208 OR 480	1		3	HL	HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
20A	2	HOOD	208 OR 480	2		3	HL	HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
21	1	HOT FILL TRAY LINE	NOT ELECTRIC				NA		
22	2	100 GALLON CATTLE	208	5.00		3	HL	32-34-36,37-39-41	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERICE BOTH KETTLES AND HOODS #22,#22A)
22A	2	HOOD	208	2.00		3	HL	26-28-30,38-40-42	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERVE BOTH KETTLES AND HOODS, #22, #22A)
24	1	HOT FILL - COOLING TUNNEL	208	1		3	HL1	1,3,5	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
25	3	300 GALLON KETTLE	208 OR 480	3		3	HL	HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERVE KETTLE AND HOOD, #25 AND #25A)
25A	1	HOOD FOR ITEM 25	208 OR 480	3		3		HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERVE KETTLE AND HOOD #25 AND #25A)
26	2	100 GALLON KETTLE	208	5		3	HL1	7-9-11,13-15-17	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERVE KETTLE AND HOOD #26 AND #26A)
26A	1	HOOD FOR THE ITEM 26	208	2		3	HL1	19-21-23,25-27-29	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P (SINGLE UNISTRUT TO SERVE KETTLE AND HOOD #26 AND #26A)
28	1	HOT FILL - GLASS DUMP CONVEYOR	208	1		3	HL1	31-33-35	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
29	1	HOT FILL -ORBITER/GLASS INVERTER	208	1		3	HL1	37-39-41	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P
31	1	HOT FILL - BAG FILLER(POUCHES)	208	5		3	HL1	2,4,6	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD 600V CABLE AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
32	1	HOT FILL - CAPPER	208	1		3	HL1	8,10,12	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. EXAUST PREWIRED WITH UNIT.
33	1	HOT FILL - METAL DETECTOR	208	1		3	HL1	14,16,18	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
33A	1	CONTROL FOR ITEM 33	120		20	1	HL1	20,22,24	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 20A 3R 120V 1P.
34	1	HOT FILL - ACCUM. CONVEYOR	208	1		3	HL1	26,28,30	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
35	1	HOT FILL - JAR CODER	120		20	1	HL2	1	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 120V WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
35B	1	HOT FILL - BOX CODER	208		7	1	HL2	3,5	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 120V WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
35C	1	HOT FILL - BOX CODER CONVEYOR	208	1		3	HL2	7,9,11	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
36	1	HOT FILL - LABELER	120		20	1	HL2	13	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 120V WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
37A	1	HOT FILL - CONVEYOR	208	1		3	HL2	19,21,23	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
37C	1	HOT FILL - CONVEYOR	208	1		3	HL2	5,27,29	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
37D	1	HOT FILL - CONVEYOR	208	1		3	HL2	31,33,35	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING RUN AND CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
37E	1	HOT FILL - CONVEYOR	208	1		3	HL2	37,39,41	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
37F	1	HOT FILL - CONVEYOR	208	1		3	HL2	2,4,6	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING RUN AND CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
37G	1	HOT FILL - CONVEYOR	208	1		3	HL2	8,10,12	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
38	1	HOT FILL- VEGGIE WASHER	208 OR 480	1		3	HL	HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 60A 3R 208V 3P. 4 MOTORS ARE PREWIRED TO CONTROL PANEL
39	1	HOT FILL - PD PUMP	460	5		3	L	14,16,18	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 480V 3P.
40A	1	PICKLES - GLASS DUMP CONYEVOR	208	1		3	PK	7,9,11	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
40B	1	PICKLE - ORBITER/GLASS INVERTER	208	1		3	PK	19,21,23	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
43	1	PICKLE - TOTE DUMPER	208 OR 480	5		3	PK	HOLD	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
44	1	PICKLE - ELEVATOR	208	1		3	PK	25,27,29	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING RUN AND CONDUIT SUPPORTED BY CEILING UNISTRUR FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. (SINGLE UNISTRUT TO SERVE BOTH #44 AND #45)
45	1	PICKLE - BRUSH WASHER TANK	208	10		3	PK	31,33,35	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 100A 3R 208V 3P. (SINGLE UNISTRUT TO SERVE BOTH #44 AND #45)
47	1	PICKLE - OV CUTTER	208	3		3	PK	37,39,41	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
49	1	PICKLE - SPEAR CUTTER	208 OR 480	5		3	PK	HOLD	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
52	2	PICKLE - SPEED UP BELT	208	1		3	PK	2-4-6, 8-10-12	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
51	2	PICKLE - BRINE TANK	208	1		3	PK	14-16-18,20-22-24	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
53	1	PICKLE - TRANSFER PUMP	208 OR 480	1		3	PK	HOLD	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE WALL TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
55	1	PICKLE - BRINER PUMP	208	1		3	PK	26,28,30	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT, SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS AND PROVIDE TWIST LOCK RECEPTACLE 30A 208V 3P WITH GROUND INCLUDING SO CORD 600V CABLE AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
55A	1	PICKLE - BRINER	208		3	3	PK1	14,16,18	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILINGAND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
56	1	PICKLE - CAPPER	208	1		3	PK	32,34,36	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. EXHAUST HOOD PREWIRED WITH EQUIPMENT.
57	1	PICKLE - PASTEURISER	208			3	PK1	7,9,11	PROVIDE WP JUNCTION BOX MOUNTED ON THE WALL . PROVIDE UNISTRUT MOUNTED AT THE EQUIPMENT WITH 150A 208V 3P 3R DISCONNECT SWITCH AND ALL ASSOCIATED WIRING. BLOWER, EXHAUST, AND PUMPS ARE PREWIRED TO CONTROL PANEL.
58	1	PICKLE - ACCUMULATOR	208	1		3	PK1	38,40,42	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
61	1	PICKLE - JAR CODER	120		20	1	PK1	1	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
62	1	PICKLE - LABELER	115		20	1	PK1	13	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE20A 208V 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
66	1	PICKLE - METAL DETECTOR	208	1		3	PK1	19,21,23	HARD WIRED CONNECTION. PROVIDE JUNCTION WP BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
67	1	PICKLE - PORTABLE ELEVATOR	208	1		3	PK2	26,28,30	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE WALL TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 208 3P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
67A	1	PICKLE - BOX CODER	208		7	1	PK1	3,5	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE EXPOSED CEILING TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 120V WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
67B	1	PICKLE - BOX CODER CONVEYOR	208	1		3	PK1	25,27,29	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. (SHARED UNISTRUT BETWEEN 67B AND 69G)
68	1	PICKLE - BOX TAPER	115	1		1	PK1	17	PROVIDE FLEXIBLE CORD FROM THE WP JUNCTION BOX LOCATED ON THE WALL TO THE EQUIPMENT AND SUPPORT THE CORD WITH KELLEMS STRAIN RELIEF GRIPS. PROVIDE TWIST LOCK RECEPTACLE 20A 120V 1P WITH GROUND INCLUDING SO CORD, 600V CABLE, AND CONNECTORS FOR COMPLETE OPERATIONAL ASSEMBLY.
69A	1	PICKLE - CONVEYOR	208	1		3	PK2	1,3, 5	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
69B	1	PICKLE - CONVEYOR	208	1		3	PK2	7,9,11	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. UNISTRUT SHARED WITH #69H
69C	1	PICKLE - CONVEYOR	208	1		3	PK2	13,15,17	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. UNISTRUT SHARED WITH WITH #66
69D	1	PICKLE - CONVEYOR	208	1		3	PK2	19,21,23	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. UNISTRUT SHARED WITH WITH #69E
69E	1	PICKLE - CONVEYOR	208	1		3	PK2	25,27,29	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. UNISTRUT SHARED WITH #69D
69F	1	PICKLE - CONVEYOR	208	1		3	PK2	31,33,35	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
69G	1	PICKLE - CONVEYOR	208	1		3	PK2	37,39,41	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
69H	1	PICKLE - CONVEYOR	208	1		3	PK2	2,4,6	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P. UNISTRUT SHARED WITH #69B
69I	1	PICKLE - CONVEYOR	208	1		3	PK2	8,10,11	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.
74	1	WASH ROOM - DOUGLAS WASHER	208	15		3	PK2	14,16,18	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 60A 3R 208V 3P.
# NOT ASSIGNED	1	PICKLE - FILLER	208		30A C/B	3	PK2	20,22,24	HARD WIRED CONNECTION. PROVIDE WP JUNCTION BOX ON THE EXPOSED CEILING AND RUN CONDUIT SUPPORTED BY CEILING UNISTRUT FROM THE JUNCTION BOX TO THE EQUIPMENT. INSTALL UNISTRUT AT THE EQUIPMENT TO MOUNT THE DISCONNECT SWITH 30A 3R 208V 3P.

GENERAL NOTE: PROVIDE HORSE POWER RATED PLUGS, RECEPTACLES AND DISCONNECT SWITCHES IN ACCORDANCE WITH SECTION 430 OF NEC. CABLE CONNECTED TO THE SAME EQUIPMENT MAY BE COMBINED PER NEC 310. BEFORE INSTALLATION VERIFY INFORMATION ON CONTROL PANEL FOR MULTIPLE MOTORS FOR COORDINATION WITH C/B AND WIRE SIZE. PROVIDE GFI CIRCUIT BREAKKERS FOR ALL EQUIPMENT FEEDING TWIST LOCK RECEPTACLES CONNECTED TO EQUIPMENT.

SEE SKETCH ON DRAWING E102 FOR FLEXIBLE CORD ASSEMBLY, TWIST LOCK HUBBELL HBL26W75 20A 208 V PLUG, HBL27W75 CONNECTOR, HBL28W75 PLUG FOR 30A 208V, HBL29W75 CONNECTOR, INCLUDING SAFETY SPRING,STRAIN RELIEF GRIPS. NEMA CONFIGURATION VERIFY WITH EQUIPMENT ON THE FLOOR. CUT EQUIPMENT CORD AND INSTALL NEW PLUG TO MATCH THE CONNECTOR.

SEE DRAWING EQ101 FOR EQUIPMENT LAY OUT AND NUMBERS.

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ARCHITECT

Revision Schedule

#	Description	Date

SCALE	AS NOTED
DRAWN BY	

ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge

Proposed Master Plan

1300 Ulster Avenue
Kingston, NY 12401

PROJECT INFORMATION

ELECTRICAL SCHEDULE

SHEET TITLE

E802

SHEET NUMBER

6/3/2021 4:35:07 PM

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A

225 A WITH SHUNT TRIP MAIN C/B PANEL **HL** (NEW)

FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1			1.3			1.9					0.6			2
3	FLEX SPACE SPRINT 2 DICER 12	3	1.3	30	3#10&1#10EG IN 3/4"C		1.9		3#12&1#12EG IN 3/4"C	20	0.6		20 RACK OVEN	4
5			1.3					1.9			0.6			6
7			1.3			2.2					0.9			8
9	HOT FILL PD PUM 13	3	1.3	30	3#10&1#10EG IN 3/4"C		2.2		3#12&1#12EG IN 3/4"C	20	0.9		20A HOOD	10
11			1.3					2.2			0.9			12
13			3.7			4.3					0.6			14
15	HOT FILL PULPER `14	3	3.7	80	3#8&1#8EG IN 3/4"C		4.3		3#12&1#12EG IN 3/4"C	20	0.6		20 RACK OVEN	16
17			3.7					4.3			0.6			18
19			1.3			2.2					0.9			20
21	HOT FILL FILLER 15	3	1.3	30	3#10&1#10EG IN 3/4"C		2.2		3#12&1#12EG IN 3/4"C	20	0.9		20A HOOD	22
23			1.3					2.2			0.9			24
25			2.0			2.9					0.9			26
27	HOT FILL BEAN SNIPPER 16	3	2.0	45	3#10&1#10EG IN 3/4"C		2.9		3#12&1#12EG IN 3/4"C	20	0.9		22A HOOD FOR CATTLE	28
29			2.0					2.9			0.9			30
31			2.0			4.0					2.0			32
33	STEAM BOILER FULTON 17	3	2.0	45	3#10&1#10EG IN 3/4"C		4.0		3#10&1#10EG IN 3/4"C	45	2.0		22 100 GALLON KETTLE	34
35			2.0					4.0			2.0			36
37			2.0			2.9					0.9			38
39	100 GALLON KETTLE 20	3	2.0	45	3#10&1#10EG IN 3/4"C		2.9		3#12&1#12EG IN 3/4"C	20	0.9		22A HOOD FOR CATTLE	40
41			2.0					2.9			0.9			42
					TOTAL (PHASE):	20.3	20.3	20.3						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	60.9	KVA
TOT. CONN. + SPARE:	60.9	KVA
DEMAND:	60.9	KVA
DEMAND:	169.2	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.,PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A

225 A WITH SHUNT TRIP CIRCUIT BREAKER MAIN **F** (NEW)

FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	LABEL 122	1	1.5	20	2#12&1#12EG IN 3/4"C	3.0			2#10&1#10EG IN 3/4"C	20	1.5	1	SPICE ROOM	2
3	QA/QC ROOM	1	1.5	20	2#12&1#12EG IN 3/4"C		3.0		2#12&1#12EG IN 3/4"C	20	1.5	1	COLD ROOM	4
5	PRODUCTION	1	1.6	20	2#12&1#12EG IN 3/4"C			3.3	2#12&1#12EG IN 3/4"C	20	1.7	1	QA/QC ROOM	6
7	PRODUCTION	1	1.6	20	2#12&1#12EG IN 3/4"C	3.1					1.5			8
9	FLEX SPACE	1	1.5	20	2#12&1#12EG IN 3/4"C		3.0		3#12&1#12EG IN 3/4"C	20	1.5	3	ROOM 120 TEST KITCHEN FUTURE EQUIPM.	10
11	FLEX SPACE	1	1.5	20	2#12&1#12EG IN 3/4"C			3.0			1.5			12
13	FLEX SPACE	1	1.5	20	2#12&1#12EG IN 3/4"C	2.2			2#12&1#12 EG IN 3/4"C	20	0.7	1	SPIRAL CUTTER	14
15	FLEX SPACE	1	1.5	20	2#12&1#12EG IN 3/4"C		1.5			20		1		16
17	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C			1.5		20		1		18
19	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C	1.5				20		1		20
21	CLEANING SOLUTION	1	1.0	20	2#10&1#10EG IN 3/4"C		1.0			20		1		22
23	PICKLES LINE	1	1.3	20	2#10&1#10EG IN 3/4"C			1.3		20		1		24
25	PICKLES LINE	1	1.3	20	2#10&1#10EG IN 3/4"C	1.3				20		1		26
27	COLD ROOM	1	1.3	20	2#12&1#12EG IN 3/4"C		1.3			20		1		28
29	COLD ROOM	1	1.3	20	2#12&1#12EG IN 3/4"C			1.3		20		1		30
31	WASH ROOM	1	1.5	20	2#12&1#12EG IN 3/4"C	1.5			2#12&1#12EG IN 3/4"C	15		1	SHUNT TRIP	32
33	WASH ROOM	1	1.5	20	2#12&1#12EG IN 3/4"C		1.5							34
35	FLY LIGHT	1	1.0	20	2#12&1#12EG IN 3/4"C			1.0						36
37	WATER FOUNTAIN	1	1.5	20	2#10&1#10EG IN 3/4"C	1.5								38
39	WATER FOUNTAIN	1	1.5	20	2#10&1#10EG IN 3/4"C		1.5							40
41	WATER FOUNTAIN	1	1.5	20	2#10&1#10EG IN 3/4"C			1.5						42
						14.1	12.8	12.9						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	39.8	KVA
TOT. CONN. + SPARE:	39.8	KVA
DEMAND:	39.8	KVA
DEMAND:	110.6	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.,PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A

225 A WITH SHUNT TRIP MAIN C/B PANEL **HL1** (NEW)

FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1			0.6			2.6					2.0			2
3	HOT FILL COOLING TUNNEL 24	3	0.6	20	3#12&1#12EG IN 3/4"C		2.6		3#10&1#10EG IN 3/4"C	45	2.0	3	HOT FILL BAG FILLER 31	4
5			0.6					2.6			2.0			6
7			2.0			2.6					0.6			8
9	100 GALLON KETTLE 26	3	2.0	45	3#10&1#10EG IN 3/4"C		2.6		3#12&1#12EG IN 3/4"C	20	0.6	3	HOT FILL CAPPER 32	10
11			2.0					2.6			0.6			12
13			2.0			2.6					0.6			14
15	100 GALLON KETTLE 26	3	2.0	45	3#10&1#10EG IN 3/4"C		2.6		3#12&1#12EG IN 3/4"C	20	0.6	3	HOT FILL METAL DETECT 33	16
17			2.0					2.6			0.6			18
19			0.9			2.4			2#12&1#12EG IN 3/4"C	20	1.5	1	CONTROL FOR 33	20
21	HOOD FOR KETTLE 26	3	0.9	20	3#12&1#12EG IN 3/4"C		0.9		2#12&1#12EG IN 3/4"C	15		1	SHUNT TRIP	22
23			0.9					0.9						24
25			0.9			1.5					0.6			26
27	HOOD FOR KETTLE 26	3	0.9	20	3#12&1#12EG IN 3/4"C		1.5		3#12&1#12EG IN 3/4"C	20	0.6	3	HOT FILL ACC CONVEYOR 34	28
29			0.9					1.5			0.6			30
31			0.6			2.6					2.0			32
33	HOT FILL GLASS DUMP 28	3	0.6	20	3#12&1#12EG IN 3/4"C		2.6		3#10&1#10 IN 3/4"C	45	2.0	3	LARGE MIXER HOBART	34
35			0.6					2.6			2.0			36
37			0.6			0.6								38
39	HOT FILL ORBITER 29	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							40
41			0.6					0.6						42
					TOTAL (PHASE):	14.7	13.2	13.2						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	41.0	KVA
TOT. CONN. + SPARE:	41.0	KVA
DEMAND:	41.0	KVA
DEMAND:	113.8	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A

225 A WITH SHUNT TRIP MAIN C/B PANEL **HL2** (NEW)

FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	HOT FILL JAR COVER 35	1	1.5	20	2#12&1#12EG IN 3/4"C	2.1					0.6			2
3			0.7				1.3		3#12&1#12EG IN 3/4"C	20	0.6	3	HOT FILL CONVEYOR 37F	4
5	HOT FILL CASE CODER 35B	2	0.7	20	2#12&1#12EG IN 3/4"C			1.3			0.6			6
7			0.6			1.2					0.6			8
9	HOT FILL CONVEYIR 35C	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	HOT FILL CONVEYOR 37G	10
11			0.6					1.2			0.6			12
13	HOT FILL LABELER 36	1	1.5	20	2#12&1#12EG IN 3/4"C	1.5								14
15	SHUNT TRIP	1		15	2#12&1#12EG IN 3/4"C		0.0							16
17								0.0						18
19			0.6			0.6								20
21	HOT FILL CONVEYOR 37A	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							22
23			0.6					0.6						24
25			0.6			0.6								26
27	HOT FILL CONVEYOR 37C	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							28
29			0.6					0.6						30
31			0.6			0.6								32
33	HOT FILL CONVEYOR 37D	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							34
35			0.6					0.6						36
37			0.6			0.6								38
39	HOT FILL CONVEYOR 37E	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							40
41			0.6					0.6						42
					TOTAL (PHASE):	7.0	4.7	4.7						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	16.4	KVA
TOT. CONN. + SPARE:	16.4	KVA
DEMAND:	16.4	KVA
DEMAND:	45.6	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

JOB NAME:FARM BRIDGE
RATING: 480/277V, 4W, 3PH, 400A

400A **L** (NEW)

FARM BRIDGE
LOCATION:

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	MAINTENANCE OFFICE LIGH	1	1.9	20	2#12&1#12EG IN 3/4"C	6.9					5.0			2
3	STORAGE LIGHTING	1	1.9	20	2#12&1#12EG IN 3/4"C		6.9		3#10&1#10EG IN 3/4"C	25	5.0	3	STEAM BOILER	4
5	MANAGER WRHS LIGHT	1	1.5	20	2#12&1#12EG IN 3/4"C			6.5			5.0			6
7	KITCHEN LIGHT	1	2.0	20	2#12&1#12EG IN 3/4"C	9.5			2#8&1#10EG IN 3/4"C	40	7.5	2	HWH	8
9	OFFICE ARE LIGHTING	1	2.0	20	2#12&1#12EG IN 3/4"C		9.5				7.5			10
11	OFFICE ARE LIGHTING	1	2.0	20	2#12&1#12EG IN 3/4"C			2.0						12
13	HEAT TRACE GPT-130	1	8.0	20	2#8&1#10EG IN 3/4"C	10.0					2.0			14
15	HEAT TRACE GPT-130	1	8.0	20	2#8&1#10EG IN 3/4"C		10.0		3#12&1#12EG IN 3/4"C	20	2.0	3	HOT FILL PUMP	16
17	HEAT TRACE GPT-130	1	6.0	20	2#10&1#10EG IN 3/4"C			8.0			2.0			18
19	HEAT TRACE GPT-130	1	8.0	20	2#8&1#10EG IN 3/4"C	18.0					10.0			20
21	HEAT TRACE GPT-130	1	8.0	20	2#8&1#10EG IN 3/4"C		18.0		3#6&1#8EG IN 3/4"C	50	10.0	3	AIR CURTAIN 4	22
23	LIGHTING IN PICKLES AREA	1	1.3	20	2#12 & 1#12EG IN 3/4"C			11.3			10.0			24
25	LIGHTING IN HOT FILL	1	1.5	20	2#12 & 1#12EG IN 3/4"C	11.5					10.0			26
27		1		20	2#12 & 1#12EG IN 3/4"C		10.0		3#6&1#1#8EG IN 3/4"C	50	10.0	3	AIR CURTAIN 3	28
29		1		20	2#12 & 1#12EG IN 3/4"C			10.0			10.0			30
31		1		20	2#12 & 1#12EG IN 3/4"C	10.0					10.0			32
33		1		20	2#12 & 1#12EG IN 3/4"C		10.0		3#6&1#1#8EG IN 3/4"C	50	10.0	3	AIR CURTAIN 2	34
35		1		20	2#12 & 1#12EG IN 3/4"C			10.0			10.0			36
37		1		20	2#12 & 1#12EG IN 3/4"C	10.0					10.0			38
39		1		20	2#12 & 1#12EG IN 3/4"C		10.0		3#6&1#1#8EG IN 3/4"C	50	10.0	3	AIR CURTAIN 1	40
41		1		20	2#12 & 1#12EG IN 3/4"C			10.0			10.0			42
43		1		20	2#12 & 1#12EG IN 3/4"C	0.0			2#12 & 1#12EG IN 3/4"C	20		1		44
45		1		20	2#12 & 1#12EG IN 3/4"C		0.0		2#12 & 1#12EG IN 3/4"C	20		1		46
47		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		48
49		1		20	2#12 & 1#12EG IN 3/4"C	0.0			2#12 & 1#12EG IN 3/4"C	20		1		50
51		1		20	2#12 & 1#12EG IN 3/4"C		0.0		2#12 & 1#12EG IN 3/4"C	20		1		52
53		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		54
					TOTAL (PHASE):	75.9	74.4	57.8						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 400A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	208.1	KVA
TOT. CONN. + SPARE:	208.1	KVA
DEMAND:	208.1	KVA
DEMAND:	250.6	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER,FULLY RATED PANELS ONLY
2. BOLT ON BREAKERS ONLY ,PROVIDE AFCI CIRCUIT BREAKERS , PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK RECEPTACLES.
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED
5. PROVIDE SURGE PROTECTION FOR PANEL

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A

225 A WITH SHUNT TRIP MAIN C/B PANEL **PK** (NEW)

FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	PICKLES FORK LIFT 42	1	1.5	20	2#12&1#12EG IN 3/4"C	2.1					0.6			2
3							0.6		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES SPEED UP BELT 52	4
5								0.6			0.6			6
7			0.6			1.2					0.6			8
9	PICKLES GLASS DUMP 40A	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES SPEED UP BELT 52	10
11			0.6					1.2			0.6			12
13	SHUNT TRIP	1		15	2#12&1#12EG IN 3/4"C	0.6					0.6			14
15							0.6		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES BRINE TANK 51	16
17								0.6			0.6			18
19			0.6			1.2					0.6			20
21	PICKLESORBITER 40B	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES BRINE TANK 51	22
23			0.6					1.2			0.6			24
25			0.6			1.2					0.6			26
27	PICKLES ELEVATOR 44	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES BRINER 55	28
29			0.6					1.2			0.6			30
31			3.7			4.3					0.6			32
33	PICKLES BRUSH WASHER TANK45	3	3.7	80	3#8&1#8EG IN 3/4"C		4.3		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES CAPPER 56	34
35			3.7					4.3			0.6			36
37			1.3			1.9					0.6			38
39	PICKLES OV CUTTER 47	3	1.3	30	3#10&1#10EG IN 3/4"C		1.9		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES ACCUMULATOR 58	40
41			1.3					1.9			0.6			42
					TOTAL (PHASE):	12.4	10.9	10.9						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	34.1	KVA
TOT. CONN. + SPARE:	34.1	KVA
DEMAND:	34.1	KVA
DEMAND:	94.6	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

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Revision Schedule

#	Description	Date

SCALE	AS NOTED
DRAWN BY	
ISSUED FOR	DATE
JURISDICTION REVIEW	04.15.2021

907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL SCHEDULES
SHEET TITLE
E803
SHEET NUMBER

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PK1 (NEW)

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 400A
400 A WITH SHUNT TRIP MAIN C/B PANEL
FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	JAR CODER 61	1	1.5	20	2#12&1#12G IN 3/4"C	7.5					6.0			2
3	PICKLES BOX CODER 67A	2	0.7	20	2#12&1#12G IN 3/4"C		6.7		3#6&1#8EG 1 1/4"C	70	6.0	3	GREASE TRAP	4
5			0.7					6.7			6.0			6
7			13.0			15.0					2.0			8
9	PICKLES PASTEURISER 57	3	13.0	125	3#2&1#6 IN 1 1/4"C		15.0		3#10&1#10EG IN 3/4"C	45	2.0	3	CHIP FILLER	10
11			13.0					15.0			2.0			12
13	PICKLES LABELER 62	1	1.5	20	2#12&1#12G IN 3/4"C	2.5					1.0			14
15	JAR CODER 67	1	1.5	20	2#12&1#12G IN 3/4"C		2.5		3#12&1#12EG IN 3/4"C	20	1.0	3	PICKLES BRINER	16
17	PICKLES BOX TAPER 68	1	1.5	20	2#12&1#12G IN 3/4"C			2.5			1.0			18
19			0.6			0.6								20
21	PICKLES METAL DETECTOR 66	3	0.6	20	3#12&1#12 IN 3/4"C		0.6							22
23			0.6					0.6						24
25			0.6			0.6								26
27	PICKLES BOX CODER CONV 67B	3	0.6	20	3#12&1#12 IN 3/4"C		0.6							28
29			0.6					0.6						30
31	SHUNT TRIP	1		15	2#12&1#12G IN 3/4"C	0.0								32
33							0.0							34
35								0.0						36
37						0.0								38
39							0.0							40
41								0.0						42
					TOTAL (PHASE):	26.2	25.4	25.4						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 400A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	77.0	KVA
TOT. CONN. + SPARE:	77.0	KVA
DEMAND:	77.0	KVA
DEMAND:	214.0	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

PK2 (NEW)

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A
225 A WITH SHUNT TRIP CIRCUIT BREAKER MAIN
FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1			0.6			1.2					0.6			2
3	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES CONVEYOR 69	4
5			0.6					1.2			0.6			6
7			0.6			1.2					0.6			8
9	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES CONVEYOR 69	10
11			0.6					1.2			0.6			12
13			0.6			6.2					5.6			14
15	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		6.2		3#6&1#6EG IN 1 1/4"C	125	5.6	3	WASH ROOM 74	16
17			0.6					6.2			5.6			18
19			0.6			3.6					3.0			20
21	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		3.6		3#10&1#10EG IN 3/4"C	30	3.0	3	PICKLES FILLER	22
23			0.6					3.6			3.0			24
25			0.6			1.2					0.6			26
27	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		1.2		3#12&1#12EG IN 3/4"C	20	0.6	3	PICKLES PORTABLE ELEVATOR	28
29			0.6					1.2			0.6			30
31			0.6			0.6			2#12&1#12EG IN 3/4"C	15		1	SHUNT TRIP	32
33	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							34
35			0.6					0.6						36
37			0.6			0.6								38
39	PICKLES CONVEYOR 69	3	0.6	20	3#12&1#12EG IN 3/4"C		0.6							40
41			0.6					0.6						42
					TOTAL (PHASE):	14.6	14.6	14.6						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	43.8	KVA
TOT. CONN. + SPARE:	43.8	KVA
DEMAND:	43.8	KVA
DEMAND:	121.7	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.,PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

SP (NEW)

JOB NAME FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 225A
225 A
FARM BRIDGE
LOCATION: ELECTRICAL CLOSET

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C	3.6			2#12&1#112EG IN 3/4"C	20	1.7	2	208V CHARGER	2
3	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C		3.6				1.7			4
5	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C			3.6	2#12&1#112EG IN 3/4"C	20	1.7	2	208V CHARGER	6
7	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C	3.6					1.7			8
9	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C		3.6		2#12&1#112EG IN 3/4"C	20	1.7	2	208V CHARGER	10
11	CHARGERS	1	1.9	20	2#12&1#12EG IN 3/4"C			3.6			1.7			12
13	DEDIC RECEPTACLES	1	1.5	20	2#12&1#12EG IN 3/4"C	3.2			2#12&1#112EG IN 3/4"C	20	1.7	2	208V CHARGER	14
15	DEDIC RECEPTACLES	1	1.5	20	2#12&1#12EG IN 3/4"C		3.2				1.7			16
17	DEDIC RECEPTACLES	1	1.5	20	2#10&1#10EG IN 3/4"C			1.5		20		1		18
19	DEDIC RECEPTACLES	1	1.5	20	2#10&1#10EG IN 3/4"C	1.5				20		1		20
21	DEDIC RECEPTACLES	1	1.5	20	2#10&1#10EG IN 3/4"C		1.5			20		1		22
23	DEDIC RECEPTACLES	1	1.5	20	2#10&1#10EG IN 3/4"C			1.5		20		1		24
25	DEDIC RECEPTACLES	1	1.5	20	2#10&1#10EG IN 3/4"C	1.5				20		1		26
27	DEDIC RECEPTACLES	1	1.5	20	2#12&1#12EG IN 3/4"C		1.5			20		1		28
29	DEDIC RECEPTACLES	1	1.5	20	2#12&1#12EG IN 3/4"C			1.5		20		1		30
31	DEDIC RECEPTACLES	1	1.5	20	2#12&1#12EG IN 3/4"C	1.5								32
33	FAN EF1	1	1.0	20	2#12&1#12EG IN 3/4"C		1.0							34
35		1		20	2#12&1#12EG IN 3/4"C			0.0						36
37		1		20	2#10&1#10EG IN 3/4"C	0.0								38
39		1		20	2#10&1#10EG IN 3/4"C		0.0							40
41		1		20	2#10&1#10EG IN 3/4"C			0.0						42
						14.9	14.4	11.7						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 225A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	41.0	KVA
TOT. CONN. + SPARE:	41.0	KVA
DEMAND:	41.0	KVA
DEMAND:	113.9	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER
2. BOLT ON BREAKERS ONLY
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH THE EXISTING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. ALL WIRE SHALL BE DUAL RATED THHN/THWN COPPER CONDUCTOR UNLESS OTHERWISE NOTED.
6. ALL CIRCUITS SHALL HAVE FULL SIZE INSULATED GREEN GROUND UNLESS OTHERWISE NOTED.
7. PROVIDE AFCI CIRCUIT BREAKERS AND SURGE PROTECTION FOR PANEL, FULLY RATED PANELS ONLY.,PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK REC

OF (NEW)

JOB NAME: FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 400A
400 Main
FARM BRIDGE
LOCATION:

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	OPEN OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C	2.9			2#12 & 1#12EG IN 3/4"C	20	1.4	1	COFFEE	2
3	OPEN OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C		2.9		2#12 & 1#12EG IN 3/4"C	20	1.4	1	COFFEE	4
5	OPEN OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C			2.5	2#12 & 1#12EG IN 3/4"C	20	1.0	1	REFR	6
7	OPEN OFFICE PRINTER	1	1.2	20	2#12 & 1#12EG IN 3/4"C	2.2			2#12 & 1#12EG IN 3/4"C	20	1.0	1	REFR	8
9	PRESIDENT OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C		3.0		2#12 & 1#12EG IN 3/4"C	20	1.5	1	KITCHEN	10
11	PRESIDENT OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C			3.0	2#12 & 1#12EG IN 3/4"C	20	1.5	1	VESTIBULE	12
13	ACCOUNTING OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C	2.9			2#12 & 1#12EG IN 3/4"C	20	1.4	1	COFFEE	14
15	ACCOUNTING OFFICE	1	1.5	20	2#12 & 1#12EG IN 3/4"C		2.9		2#12 & 1#12EG IN 3/4"C	20	1.4	1	COFFEE	16
17	OFFICE 110/104	1	1.8	20	2#12 & 1#12EG IN 3/4"C			3.5	2#12 & 1#12EG IN 3/4"C	20	1.7	1	MICROVAWE	18
19	OFFICE 110/104	1	1.8	20	2#12 & 1#12EG IN 3/4"C	3.3			2#12 & 1#12EG IN 3/4"C	20	1.5	1	KITCHNETT	20
21	STORAGE	1	1.8	20	2#12 & 1#12EG IN 3/4"C		3.4		2#12 & 1#12EG IN 3/4"C	20	1.6	1	LOCKERS	22
23	CONFERENCE ROOM	1	1.8	20	2#12 & 1#12EG IN 3/4"C			3.4	2#12 & 1#12EG IN 3/4"C	20	1.6	1	LOCKERS	24
25	VENDING	1	1.6	20	2#12 & 1#12EG IN 3/4"C	3.3			2#12 & 1#12EG IN 3/4"C	20	1.7	1	TEST KITCHEN	26
27	VENDING	1	1.6	20	2#12 & 1#12EG IN 3/4"C		3.1		2#12 & 1#12EG IN 3/4"C	20	1.5	1	CORRIDOR	28
29	DRINKING FOUNT	1	1.5	20	2#12 & 1#12EG IN 3/4"C			2.5	2#12 & 1#12EG IN 3/4"C	20	1.0	1	FA PANEL (lock on c/b)	30
31	DRINKING FOUNT	1	1.5	20	2#12 & 1#12EG IN 3/4"C	3.4			2#12 & 1#12EG IN 3/4"C	20	1.9	1	IT ROOM	32
33	PRINTER OPEN SPACE	1	1.3	20	2#12 & 1#12EG IN 3/4"C		3.2		2#12 & 1#12EG IN 3/4"C	20	1.9	1	IT ROOM	34
35	FLY LIGHT	1	1.0	20	2#12 & 1#12EG IN 3/4"C			2.5	2#12 & 1#12EG IN 3/4"C	20	1.5	1	PRESIDENT OFFICE	36
37	MICROVAWE	1	1.7	20	2#12 & 1#12EG IN 3/4"C	3.6			2#12 & 1#12EG IN 3/4"C	20	1.9	1	TEST KITCHEN	38
39	TOSTER OVEN	1	1.7	20	2#12 & 1#12EG IN 3/4"C		3.2		2#12 & 1#12EG IN 3/4"C	20	1.5	1	TEST KITCHEN	40
41	TOSTER OVEN	1	1.7	20	2#12 & 1#12EG IN 3/4"C			3.2	2#12 & 1#12EG IN 3/4"C	20	1.5	1	OFFICES	42
43	TOSTER	1	1.4	20	2#12 & 1#12EG IN 3/4"C	2.9			2#12 & 1#12EG IN 3/4"C	20	1.5	1	OFFICES	44
45	TOSTER	1	1.4	20	2#12 & 1#12EG IN 3/4"C		2.2		2#10&1#10EG IN 3/4"C	15	0.8	2	COMPRESSOR OUTSIDE	46
47	MICROVAWE	1	1.7	20	2#12 & 1#12EG IN 3/4"C			2.5			0.8			48
49	MICROVAWE	1	1.7	20	2#12 & 1#12EG IN 3/4"C	1.7			2#12 & 1#12EG IN 3/4"C	20		1		50
51	MICROVAWE	1	1.7	20	2#12 & 1#12EG IN 3/4"C		1.7		2#12 & 1#12EG IN 3/4"C	20		1		52
53	FAN EF2	1	1.2	20	2#12 & 1#12EG IN 3/4"C			1.2	2#12 & 1#12EG IN 3/4"C	20		1		54
					TOTAL (PHASE):	26.2	25.6	24.3						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 400A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	76.1	KVA
TOT. CONN. + SPARE:	76.1	KVA
DEMAND:	76.1	KVA
DEMAND:	211.5	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER,FULLY RATED PANELS ONLY
2. BOLT ON BREAKERS ONLY ,PROVIDE AFCI CIRCUIT BREAKERS , PROVIDE GFI CIRCUIT BREAKERS FEEDING ALL TWIST LOCK RECEPTACLES.
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING WITH EXISING FACILITY EQUIPMENT AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. PROVIDE SURGE PROTECTION FOR PANEL

S (NEW)

JOB NAME: FARM BRIDGE
RATING: 208/120V, 4W, 3PH, 400A
400A
FARM BRIDGE
LOCATION:

CKT. NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR.	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT. NO.
1	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C	2.3					0.8			2
3	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C		2.3		3#10&1#10EG IN 3/4"C	30	0.8	3	OVERHEAD DOOR	4
5	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C			2.3			0.8			6
7	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C	2.3					0.8			8
9	SUPPLY STORAGE	1	1.5	20	2#10&1#10EG IN 3/4"C		2.3		3#10&1#10EG IN 3/4"C	30	0.8	3	OVERHEAD DOOR	10
11	MAINT ROOM	1	1.5	20	2#10&1#10EG IN 3/4"C			2.3			0.8			12
13	MAINT ROOM	1	1.5	20	2#10&1#10EG IN 3/4"C	2.3					0.8			14
15	MAINT ROOM	1	1.5	20	2#10&1#10EG IN 3/4"C		2.3		3#10&1#10EG IN 3/4"C	30	0.8	3	OVERHEAD DOOR	16
17	MAINT ROOM	1	1.5	20	2#10&1#10EG IN 3/4"C			2.3			0.8			18
19	WRHS MANGER	1	1.5	20	2#12 & 1#12EG IN 3/4"C	2.3					0.8			20
21	WRHS MANGER	1	1.5	20	2#12 & 1#12EG IN 3/4"C		2.3		3#10&1#10EG IN 3/4"C	30	0.8	3	OVERHEAD DOOR	22
23	LOADING DOCK	1	1.5	20	2#12 & 1#12EG IN 3/4"C			2.3			0.8			24
25	SMALL SUPPLY STORAGE	1	1.5	20	2#12 & 1#12EG IN 3/4"C	3.0			2#10&1#10EG IN 3/4"C	20	1.5	2	COMPACTOR	26
27	SMALL SUPPLY STORAGE	1	1.5	20	2#12 & 1#12EG IN 3/4"C		3.0				1.5			28
29	FLY LIGHT	1	1.0	20	2#10&1#10EG IN 3/4"C			2.2	2#12 & 1#12EG IN 3/4"C	20	1.2	1	SMOKE SHUTTER	30
31	PALLET WRAPPER	1	1.7	20	2#10&1#10EG IN 3/4"C	2.9			2#12 & 1#12EG IN 3/4"C	20	1.2	1	SMOKE SHUTTER	32
33	HWH	1	1.9	20	2#12 & 1#12EG IN 3/4"C		3.1		2#12 & 1#12EG IN 3/4"C	20	1.2	1	SMOKE SHUTTER	34
35		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		36
37		1		20	2#12 & 1#12EG IN 3/4"C	0.0			2#12 & 1#12EG IN 3/4"C	20		1		38
39		1		20	2#12 & 1#12EG IN 3/4"C		0.0		2#12 & 1#12EG IN 3/4"C	20		1		40
41		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		42
43		1		20	2#12 & 1#12EG IN 3/4"C	0.0			2#12 & 1#12EG IN 3/4"C	20		1		44
45		1		20	2#12 & 1#12EG IN 3/4"C		0.0		2#12 & 1#12EG IN 3/4"C	20		1		46
47		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		48
49		1		20	2#12 & 1#12EG IN 3/4"C	0.0			2#12 & 1#12EG IN 3/4"C	20		1		50
51		1		20	2#12 & 1#12EG IN 3/4"C		0.0		2#12 & 1#12EG IN 3/4"C	20		1		52
53		1		20	2#12 & 1#12EG IN 3/4"C			0.0	2#12 & 1#12EG IN 3/4"C	20		1		54
					TOTAL (PHASE):	15.1	15.3	11.4						

PANEL TYPE: NEMA 1
MOUNTING: SURFACE
MAIN CIRCUIT BREAKER: 400A
INTERRUPTING RATING: 0KA SYM.
FED FROM:

TOTAL CONN.:	41.8	KVA
TOT. CONN. + SPARE:	41.8	KVA
DEMAND:	41.8	KVA
DEMAND:	116.2	AMPS

SPARE CAPACITY 0 %
DEMAND FACTOR 100 %

NOTES
1. ALL BUSING TO BE COPPER,FULLY RATED PANELS ONLY
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4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.
5. PROVIDE SURGE PROTECTION FOR PANEL

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Revision Schedule

#	Description	Date

SCALE AS NOTED
DRAWN BY
ISSUED FOR JURISDICTION REVIEW
DATE 04.15.2021
907 20 001

The Farm Bridge
Proposed Master Plan
1300 Ulster Avenue
Kingston, NY 12401
PROJECT INFORMATION

ELECTRICAL SCHEDULES
SHEET TITLE
E804
SHEET NUMBER