DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. Q1954

CONSTRUCTION, HVAC, PLUMBING AND ELECTRICAL WORK
PROVIDE STORAGE STRUCTURE, BUILDING 38
BRONX PSYCHIATRIC CENTER
1500 WATERS PLACE
BRONX, NY

September 5, 2025

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

GENERAL DRAWINGS

1. Revised Drawings:
   a. Drawing No. G-002 noted "ADDENDUM 02", accompanies this Addendum and supersedes the same numbered originally issued drawing.

CONSTRUCTION WORK - APPENDIX

2. DOCUMENT 133419-001-3 SHOP DRAWINGS DATED 2-23-24: Add the accompanying Document (pages 1 thru 17) to the Project Manual.

3. DOCUMENT PATRIOT STEEL PARTS LIST OF STEEL FRAMING AND CONNECTING ELEMENTS: Add the accompanying Document (pages 1 thru 14) to the Project Manual.

CONSTRUCTION WORK DRAWINGS

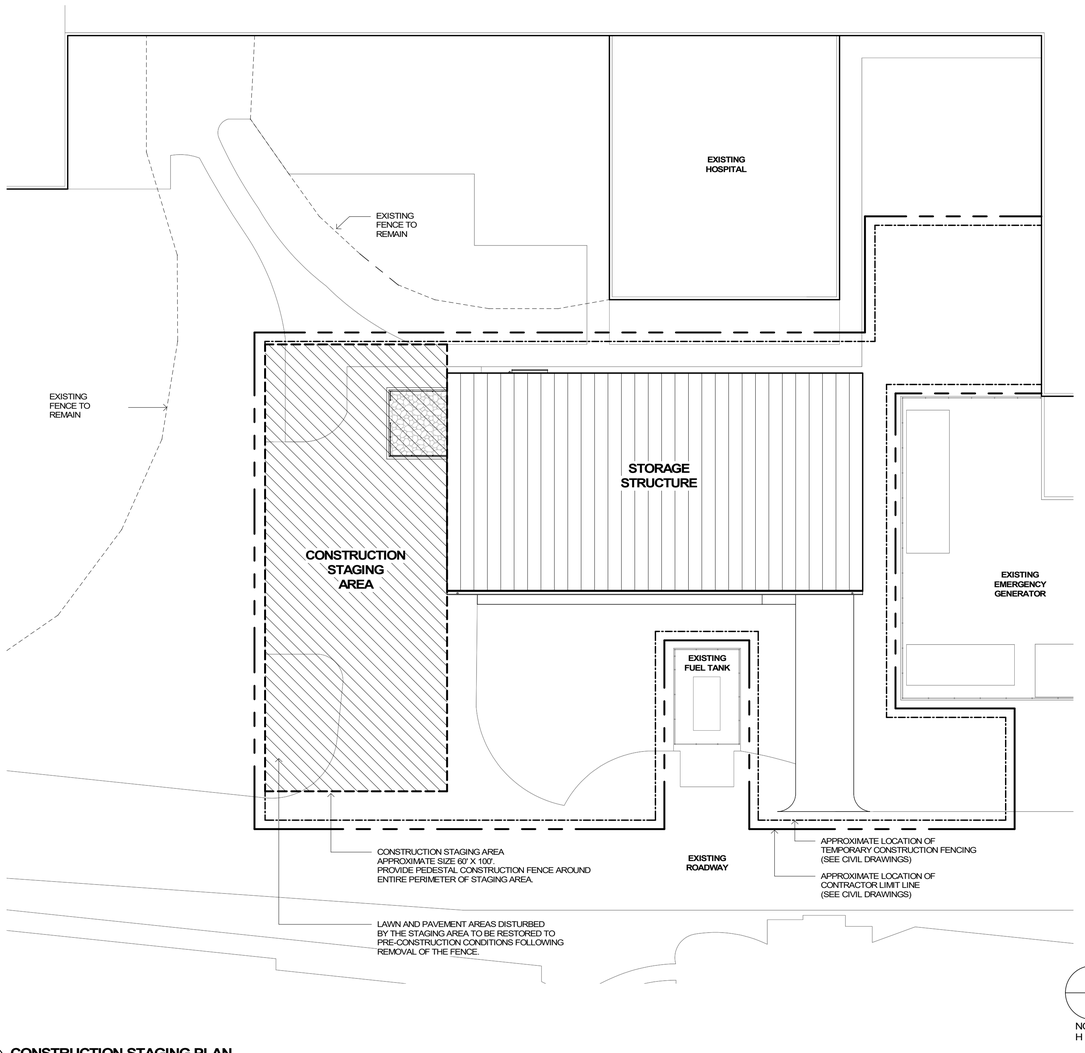
4. Revised Drawings:
   a. Drawing Nos. C-130, S-301, A-101, A-402, noted "ADDENDUM 02", accompany this Addendum and supersede the same numbered originally issued drawings.

ELECTRIC WORK SPECIFICATIONS

5. SECTION 260532 INTERIOR RACEWAYS, FITTINGS, AND ACCESSORIES: Discard the Section bound in the Project Manual and substitute the accompanying section (pages 260532 – 1 thru 260532 – 6) noted "Revised 9/05/2025".

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction



1 G-002 **CONSTRUCTION STAGING PLAN**
SCALE: 1/16" = 1'-0"

CONSTRUCTION SAFEGUARDS:

1. SCOPE: THE SAFETY OF THE CONSTRUCTION AREA, AND ADJACENT PUBLIC AND PRIVATE PROPERTIES SAFETY, SHALL BE PROTECTED DURING CONSTRUCTION AND DEMOLITION IN ACCORDANCE WITH THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE (EBNYS) CHAPTER 15 AND THE 2020 FIRE CODE OF NEW YORK STATE (FCNYS) CHAPTER 33. COMPLIANCE WITH NFPA 241 IS REQUIRED FOR ITEMS NOT SPECIFICALLY ADDRESSED. THIS SPECIFICATION PROSCRIBES MINIMUM SAFEGUARDS FOR CONSTRUCTION TO PROVIDE REASONABLE SAFETY TO LIFE AND PROPERTY FROM FIRE DURING SUCH OPERATIONS.
2. CONSTRUCTION INCLUDES ANY NEW CONSTRUCTION, REMOVALS, REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.
3. MAINTENANCE OF SAFE CONDITIONS: REQUIRED SAFETY ELEMENTS SUCH AS EXITS, EXISTING STRUCTURAL MEMBERS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE THE BUILDING IS NOT OCCUPIED OR WHERE SUCH REQUIRED ELEMENTS ARE BEING ALTERED OR REPAIRED AND ADEQUATE SUBSTITUTE PROVISIONS ARE MADE.
4. MEAN OF EGRESS: AN APPROVED PERMANENT OR TEMPORARY MEANS OF EGRESS SHALL BE MAINTAINED. AN EGRESS COMPONENT SHALL NOT BE DESTROYED UNLESS AND UNTIL A SUBSTITUTE MEANS OF EGRESS HAS BEEN PROVIDED.
5. FIRE SAFETY DURING CONSTRUCTION AND REMOVALS: FIRE SAFETY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF EBCNYS CHAPTER 15 AND FCNYS CHAPTER 33.
   A. FIRE EXTINGUISHERS: PROVIDE PORTABLE FIRE EXTINGUISHERS FOR PROTECTION DURING CONSTRUCTION AND REMOVALS AT EACH STAIRWAY, ON EACH FLOOR LEVEL, WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED, AND IN EVERY STORAGE AND CONSTRUCTION SHED. EXTINGUISHERS SHALL COMPLY WITH FCNYS 906, SIZED FOR ORDINARY HAZARD UNLESS GREATER HAZARD IS SPECIFIED. ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.
   B. ANY BURNING, CUTTING OR WELDING SHALL REQUIRE A HOT WORK PERMIT AND APPROVAL.
6. MATERIAL HANDELING: EQUIPMENT AND MATERIALS SHALL BE STORRED AND PLACED, AND WASTE SHALL BE REMOVED, SO AS NOT TO ENDANGER THE PERSONS OR PROPERTY OR TO IMPEDE A MEANS OF EGRESS. PLACE MATERIAL AND WASTE SO AS NOT TO OBSTRUCT ACCESS TO FIRE HYDRANTS, STANDPIPES, FIRE EXTINGUISHERS, FIRE OR POLICE ALARMS BOXES, CATCH BASINS, MANHOLES, RELEVANT UTILITY STRUCTURES, TRAFFIC OR OBSERVATION OF TRAFFIC SIGNALS. COMBUSTION DEBRIS SHALL NOT BE ACCUMULATED ON SITE, AND SHALL BE REMOVED AT THE END OF EACH WORK SHIFT. RUBBISH CONTAINERS WITH A CAPACITY EXCEEDING 5.33 CUBIC FEET (40 GALLONS OR 0.15 CUBIC METERS) SHALL HAVE TIGHT FITTING OR SELF CLOSING LIDS, AND SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIAL OR MATERIAL THAT MEETS FCNYS SECTION 3304.2.3 (2).

GENERAL NOTES

1. THESE DOCUMENTS ARE DESIGNED PER THE **2020 UNIFORM FIRE PREVENTION AND BUILDING CODE (THE "UNIFORM CODE") WHICH INCLUDES THE PUBLICATIONS INCORPORATED BY REFERENCE IN TITLED 19 NYCRR PART 1219 THROUGH 1228:**
   1. 2020 RESIDENTIAL CODE OF NEW YORK STATE (THE "RESIDENTIAL CODE")
   2. 2020 BUILDING CODE OF NEW YORK STATE (THE "BUILDING CODE")
   3. 2020 PLUMBING CODE OF NEW YORK STATE (THE "PLUMBING CODE")
   4. 2020 MECHANICAL CODE OF NEW YORK STATE (THE "MECHANICAL CODE")
   5. 2020 FUEL GAS CODE OF NEW YORK STATE (THE "FUEL GAS CODE")
   6. 2020 FIRE CODE OF NEW YORK STATE (THE "FIRE CODE")
   7. 2020 PROPERTY MAINTENANCE CODE OF NEW YORK STATE (THE PROPERTY MAINTENANCE CODE")
   8. 2020 EXISTING BUILDING CODE OF NEW YORK STATE (THE "EXISTING BUILDING CODE")
   9. ALL OTHER STANDARDS REFERENCED IN 19 NYCRR PARTS 1219 THROUGH 1228

   2017 NATIONAL ELECTRIC CODE NFPA 70, AS REFERENCED IN THE CODES ABOVE

   2020 ENERGY CODE OF NEW YORK STATE:
2. THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS TO PROVIDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY IN ACCORDANCE WITH THE GENERAL CONDITIONS AND WITH APPLICABLE RULES, REGULATIONS AND LAWS.
3. NOTIFY THE DIRECTORS REPRESENTATIVE IN WRITING OF PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM THE DIMENSIONS, MATERIALS OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE DIRECTORS REPRESENTATIVE.
4. DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK AND WILL BE FULLY RESPONSIBLE FOR ANY AND DAMAGES WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
5. WORK CAREFULLY AROUND EXISTING BUILDING AND OTHER SITE APPURTENANCES TO PREVENT DAMAGE OR DISLOCATION. THE CONTRACTOR SHALL REPLACE DAMAGED FACILITIES AT NO COST TO THE STATE.
6. MAINTAIN THE SITE AND CONSTRUCTION PREMISES IN A SAFE, ORDERLY, CLEAN AND WORKMANLIKE MANNER DURING THE WORK.
7. PROVIDE NECESSARY AND REQUIRED BLOCKING FOR WALL-MOUNTED EQUIPMENT AND ACCESSORIES.
8. EXPOSED SURFACES WITHIN THE EXTENT OF THE WORK AREA ARE TO BE PAINTED WITH THE EXCEPTION OF PREFINISHED ITEMS.
9. DATA AND TELEPHONE WIRING ARE TO BE FURNISHED AND INSTALLED BY OTHERS. CONTRACTOR TO COORDINATE THIS WORK WITH THE DIRECTOR'S REPRESENTATIVE.
10. COORDINATE WORKER PARKING AND ROUTE WITH DIRECTORS REPRESENTATIVE.

2020 UNIFORM CODE OF NEW YORK STATE

OCCUPANCY CLASSIFICATION (SECTION 302)

FACTORY GROUP F-1
STORAGE GROUP S-1
(NON-SEPARATED OCCUPANCIES PER SECTION 508.3)

BUILDING HEIGHT AND AREA LIMITATIONS (SECTION 503, 504 & 506)

	ALLOWED	PROVIDED
BUILDING HEIGHT (F-1)	3 STORIES, 75 FT.	1 STORIES, 26 FT.
BUILDING AREA (F-1)	62,000 S.F.	5,220 S.F.

CONSTRUCTION CLASSIFICATION (SECTION 602)

TYPE 2B

FIRE-RESISTANCE RATING REQUIREMENTS (TABLES 601 & 602)

STRUCTURAL FRAME	0 HRS.
EXTERIOR BEARING WALLS	0 HRS.
INTERIOR BEARING WALLS	0 HRS.
EXTERIOR NONBEARING WALLS	0 HRS.
INTERIOR NONBEARING WALLS	0 HRS.
FLOOR CONSTRUCTION	0 HRS.
ROOF CONSTRUCTION	0 HRS.

MEANS OF EGRESS (CHAPTER 10)

OCCUPANT LOAD (SECTION 1004)	
WAREHOUSE (500 GROSS)	8
MECHANICAL / STORAGE ROOM (300 GROSS)	1
SHOP (100 GROSS)	6
LOCKER ROOM (50 GROSS)	2
TOTAL	17
MINIMUM COMPONENT EGRESS WIDTH (SECTION 1005.3)	40"
MINIMUM NUMBER OF EXITS (TABLE 1006.3.2)	2
MAXIMUM EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)	250'

2020 ENERGY CODE OF NEW YORK STATE

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS (TABLE C402.1.3 & C402.1.4)

R-VALUE	ALLOWED	PROVIDED
BUILDING ROOF	R-19+R11 LS = R-30 MIN.	R-31.45
BUILDING WALL (ABOVE GRADE)	R-13+R13 ci = R-26 MIN.	R-30.86 & 32.57
BUILDING WALL (BELOW GRADE)	R-7.5 MIN.	R-10

U-VALUE	ALLOWED	PROVIDED
BUILDING ROOF	0.035 MAX.	0.0318
BUILDING WALL (ABOVE GRADE)	0.052 MAX.	0.0307 & 0.0324

BRIAN L. BARKER, AIA
N.Y.S R.A. #020766

ADD ALTERNATE NO.1- MEZZANINE STORAGE ROOMS

PROVIDE WALL PARTITIONS, DOORS, OTHER APPURTENANT CONSTRUCTION, HEATING AND VENTILATION WORK.

ADD ALTERNATE NO.2-EQUIPMENT

ALL WORK ASSOCIATED WITH FURNISHING AND INSTALLING THE EQUIPMENT ASSOCIATED WITH THE SPECIFICATION SECTION BELOW:

a. 111901 - SHOP EQUIPMENT

ADD ALTERNATE NO.3-SITE WORK

ALL LANDSCAPE AND HARDSCAPE WORK ASSOCIATED WITH THE SPECIFICATION SECTIONS BELOW:

a. 320117 - PAVEMENT REPAIR AND RESURFACING
b. 321216 - ASPHALT PAVING
c. 321300 - CONCRETE WALKS
d. 321723 - PAVEMENT MARKINGS
e. 329120 - TOPSOIL
f. 329219 - SEEDING

NEW YORK STATE OF OPPORTUNITY. **Office of General Services**

DESIGN & CONSTRUCTION

CONSULTANT:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE DRAWINGS ARE IN CONFORMANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

REGISTERED ARCHITECT BRIAN L. BARKER No. 020766 STATE OF NEW YORK

CONTRACT:
CONSTRUCTION

TITLE:
PROVIDE STORAGE STRUCTURE, BUILDING 38

LOCATION:
BRONX PSYCHIATRIC CENTER
1500 WATERS PLACE
BRONX, NEW YORK

CLIENT:
OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
	9/05/2025	ADDENDUM 02
	06/10/2024	BID DOCUMENTS

PROJECT NUMBER: Q1954
DESIGNED BY: a+
DRAWN BY: a+
FIELD CHECK:
APPROVED:

SHEET TITLE:
STAGING PLAN & CODE INFORMATION

DRAWING NUMBER:
G-002

SHEET: 2 OF 30

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NEW YORK STATE OF OPPORTUNITY.
Office of General Services

Design and Construction
AN ISO 9001:2008 CERTIFIED ORGANIZATION
Division of Construction, 34th Floor, Corning Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242
Phone: (518) 474-0331

RECEIVED 2/21/2024
RYAN BIGGS|CLARK DAVIS ENGINEERING & SURVEYING, DPC

SUBMITTAL TRANSMITTAL

Project No.: **45934**

NOTE: A Transmittal is required for each Specification Section. DO NOT bind together separate submittals from different Specification Sections.

This form is to be used *only* if there are no deviations from the Contract Documents. If there are ANY deviations from the Contract Documents, you must submit the Contract Document Deviation Request Form (BDC 49).

Project Description: *(Project Title, Facility Name and Address)*
Bronx PC - Provide Storage Structure, Building 38
OHM Bronx NY

Date: **February 1, 2024**

TO:

OGS
Caroline Kelly-O'Neill Engineer in Charge
Creedmoor Psychiatric Center, Building #73, Basement
80-45 Winchester Blvd, Queens Village, NY 11427
Caroline.Kelly-ONeill@ogs.ny.gov

FROM:

Appollon
Cherae Remillard

SUBMITTAL TYPE:

	☐ Re-Submittal	☐ Information (Waiver)
☐ Product Data	☐ Shop Drawings	☐ Quality Control/Assurance
☐ Test Reports	☐ Certificate	☐ Contract Closeout
☐ Design Data	☐ Samples	☒ Other

Comply with all submittal requirements in the Project Manual as per Section 013300 and the particular Specification Section for which you are transmitting material.

Specification Number and Title: **133419 (Pre-engineered Metal Building)**

Part	Type	Description
		See Attached

Contractor's Certification:

We have verified that all material or equipment contained in this submittal meets all the requirements specified or shown **(no exceptions)**.

We acknowledge that in accordance with Article 4.7 of the General Conditions a re-evaluation fee can be assessed against our contract if this submittal requires a re-submission and review, if the submittal requirements have not been met.

Cherae Remillard
Contractor/Contractor's Representative *(Print Name)*

Cherae Remillard
Signature

architecture+

- [ ] NO EXCEPTION TAKEN
- [ ] RESUBMIT FOR RECORD ONLY
- [x] MAKE CORRECTIONS NOTED
- [ ] SUBMIT SPECIFIED ITEM
- [ ] REVISE AND RESUBMIT
- [ ] REJECTED

Architect reviews design concept conformance and contract document compliance only not quantities and space requirements. Architects approval is contingent upon contractor having verified all materials, project conditions, field measurements and field construction criteria related thereto, and upon the contractor having checked and coordinated the information contained within submittals with the requirements of the work of all trades and all contract documents. Contractor's responsibility includes fabrication processes and techniques of construction.

DATE 02/23/2024 BY Matthew Foltis

COMMENTS:

See engineer's comment on document 15 of 17. Contractor to coordinate with design team prior to fabrication.

NOTE TO CONTRACTOR:
BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING IS SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE AND LOCATED AT 1500 WATERS PLACE, BRONX, NY 10461. SEE 133419-001-3 SHOP DRAWINGS DATED 2-23-2024 AND PATRIOT STEEL PARTS LIST OF STEEL FRAMING AND CONNECTING ELEMENTS FOR EXTENT OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS LOCATED IN THE APPENDICES OF THE PROJECT MANUAL.

1. BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE IS NOT IN CONTRACT AND SHALL NOT BE INCLUDED IN THE BID.
2. MEZZANINE FRAMING IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
3. MEZZANINE SLAB IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
4. ERECTION OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS IS NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
5. COMPONENTS OF THE PEMB SYSTEM NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE SHALL BE INCLUDED IN THE BID.
6. CONTRACTOR SHALL COORDINATE PEMB SYSTEMS FOR THE PROVISION OF A COMPLETE BUILDING PACKAGE.

CUSTOMER END USER RESPONSIBILITIES

1. The CUSTOMER / END USER, hereafter referred to as the "CUSTOMER", obtains and pays for all building permits, licenses, public assessments, paving or utility pro rata, utility connections, occupancy fees and other fees required by any governmental authority or utility in connection with the work provided for in the Contract Documents. The CUSTOMER provides at his expense all plans and specifications required to obtain a building permit. It is the CUSTOMER'S responsibility to ensure that all plans and specifications comply with the applicable requirements of any governing building authorities.
2. The CUSTOMER is responsible for identifying all applicable building codes, zoning codes, or other regulations applicable to the Construction Project, including the metal building system in order to insure that Building Supplier's plans comply with the applicable requirements of any governing building authorities and to obtain appropriate approvals and secure necessary permits from City, County, State, OR Federal Agencies as required.
3. It is the responsibility of the CUSTOMER to interpret all aspects of the END USER'S specifications and incorporate the appropriate specifications, design criteria, and design loads into the Order Documents submitted to Building Supplier.
4. CUSTOMER is responsible for setting of anchor bolts and erection of steel in accordance with Building Supplier's "For Construction" drawings only. Temporary supports such as guys, braces, false work, cribbing or other elements required for the erection operation shall be determined, furnished and installed by the ERECTOR. No items should be purchased from a preliminary set of drawing. Including anchor bolts. Use only final "FOR CONSTRUCTION DRAWINGS" for this use. (Section 7, Code of Standard Practice for Steel Buildings – AISC 15th Edition.)
5. Building Supplier's standard specifications apply unless stipulated otherwise in the Contract Documents. Building Supplier design, quality criteria, standards, practice, methods and tolerances shall govern the work with any other interpretations to the contrary not withstanding. It is understood by both parties that the CUSTOMER is responsible for clarification of inclusions or exclusions from the architectural plans and/or specifications. In case of discrepancies between Building Supplier's structural steel plans and plans for other trades, Building Supplier's plans shall govern. (Section 3, Code of Standard Practice for Steel Buildings –Buildings, AISC 15th Edition).
6. It is the responsibility of Building Supplier, through their Engineer, to design the metal building system to meet the specifications including the design criteria and design loads incorporated by the CONTRACTOR into the Order Documents. Building Supplier is not responsible for making an independent determination of any local codes or any other requirements not part of the Order Documents.
7. Building Supplier is responsible only for the structural design of the metal building system. The Building Supplier's Engineer is not the Design Professional or Engineer of Record for the Construction Project. The supplying of sealed engineering data and drawings for the metal building system does not imply or constitute an agreement that the Building Supplier or its design engineers are acting as the engineer of record or design professional for a construction project. These drawings are sealed only to certify the design of the structural components.
8. Building Supplier is responsible for the design of the anchor bolt to permit the transfer of forces between the base plate and the anchor bolt in shear, bearing and tension, but is not responsible for the transfer of anchor bolt forces to the concrete or the adequacy of the anchor bolt in relation to the concrete. Unless otherwise provided in the Order Documents, Building Supplier does not design and is not responsible for the design, material and construction of the foundation or foundation embedment. The CUSTOMER should assure himself that adequate provisions are made in the foundation design for loads imposed by column reactions of the building, other Imposed loads, and bearing capacity of the soil and other conditions of the building site. It is recommended that the anchorage and foundation of the building be designed by a Registered Professional Engineer experienced in the design of such structures. (Chapter IV Section 3.2.2 Metal Building Systems Manual 2018 Edition).
9. Building Supplier's standard specifications apply unless stipulated otherwise in the Contract Documents. Building Supplier's design, quality criteria, standards, practice, methods and tolerances shall govern the work with any other interpretations to the contrary notwithstanding. It is understood by both parties that the CUSTOMER is responsible for clarifications of inclusions or exclusions from the Architectural plans.
10. In case of discrepancies between Building Supplier's structural steel plans and plans for other trades, Building Supplier shall govern ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC Manual, Section 3.3)
11. The CUSTOMER is responsible for overall project coordination. All interface, compatibility and design considerations concerning any materials not furnished by Building Supplier and Building Supplier's steel system are to be considered and coordinated by the CUSTOMER. Specific design criteria concerning this interface between materials must be furnished before release for fabrication or Building Supplier's assumptions will govern.
12. Anchor bolts and foundation bolts are designed, furnished, and set by the CUSTOMER in accordance with an approved drawing. Dimensional accuracy shall satisfy the requirements of Section 7.5.1 of "Code of Standard Practice for Steel Buildings and Bridges" in the AISC 15th edition Manual.
13. All other embedded items or connection materials between the structural steel and the work of other trades are located and set by the CUSTOMER in accordance with approved location on erection drawings. Accuracy of these items must satisfy the erection tolerance requirements.
14. Building Supplier does not investigate the influence of the metal building system on existing buildings or structures. The CUSTOMER assures that such buildings and structures are adequate to resist snow drifts, wind loads, or other conditions as a result of the presence of the metal building systems.

APPROVAL NOTES

1. Approval of Building Supplier's drawings and/or calculations indicates that Building Supplier has correctly interpreted the contract requirements. This approval constitutes the CUSTOMER'S acceptance of the Building Supplier's design, concepts, assumptions, and loadings. (Section 4, Code of Practice for Steel Buildings, AISC 15th Edition and MBSM 3.3.3).
2. Failure to respond to clouded areas and areas to verify may result in additional costs and/or schedule delays for which Building Supplier will not be responsible.
3. Any changes made after the CUSTOMER has signed and returned the approval drawings and/or calculations and the project is released for production shall be billed to the CUSTOMER including material, engineering, and other cost. An additional fee may be charged if the project must be moved from the engineering and/or the production/drafting schedule.
4. It is the responsibility of the CUSTOMER to field verify all existing conditions prior to fabrication.
5. It is imperative that any changes to these drawings:
   - 5.1. Be made in contrasting ink.
   - 5.2. Be legible and unambiguous.
   - 5.3. Have all instances of changes clearly indicated.
6. A dated signature, in the designated areas, is required on all pages. The signature must be from the person authorized on the contract or a person authorized, in writing, by the CUSTOMER.
7. Building Supplier reserves the right to resubmit drawings with extensive or complex changes required to avoid fabrication errors. This may impact the delivery schedule.
8. Any changes noted on the drawings not in conformance with the terms and requirements of the contract between Building Supplier and its CUSTOMER are not binding on Building Supplier unless subsequently specifically acknowledged and agreed to in writing by change order or separate documentation.
9. The CUSTOMER approves of all notes and conditions on the drawings and/or calculations by signing an Approval Drawing Waiver Form.

GENERAL NOTES

1. Wall and liner panels are an integral part of the structural system. Unauthorized removal of panels or cutting panels for framed openings not shown is prohibited.
2. Oil–canning, a perceived waviness inherent to light gauge metal, may exist. This condition does not affect the structural integrity or the finish of the panel, and therefore is not a cause for rejection.
3. The primer for all cold–formed structural framing members contain a "wax–type" lubricant to facilitate roll–forming. Hair–line crazing which may occur during forming operations is considered normal and is not a cause for rejection.
4. All other primed structural members are given one shop coat (1.0 mils) of standard red–oxide primer designed for short term field protection. This paint is not intended for long term exposure to the elements.
5. All bolts are 1/2" x 1–1/4" A307 except at bearing frame rafter splice, endwall column to rafter and main frame connections. Refer to drawings. Note: Washers are not supplied unless noted otherwise on drawing.
6. All high strength bolts are A325 unless specifically noted otherwise. Structural joints with A.S.T.M. A325 high strength bolts where indicated on the drawings are designed and considered to be in a Non–Slip Critical Category and therefore need only to be tightened to the snug tight condition. This condition should be attained when all surface in a joint are in firm contact and by using few impacts of an impact wrench or the full effort of a person using spud wrench. Hardened washers are not required unless otherwise on the drawings.
7. Any type of suspended or load inducing system(s) is prohibited if zero collateral and zero sprinkler loads are designated on the contract. This would include lights, duct work, piping, insulation types other than 3" standard duty fiberglass blanket insulation, etc.
8. Fabrication shall be in accordance with Building Supplier's standard practices in compliance with the applicable sections, relating to design requirements and allowable stresses of the latest edition of the "AWS Structural Welding Code D1.1 and D1.3".

MATERIALS	ASTM DESIGNATION	MIN. YIELD STRENGTH
Hot Rolled Steel Shapes (W, S, C & L)	A572 / A529	Fy = 50 KSI
Hot Rolled Steel Shapes (W)	A992	Fy = 50 KSI
Round Structural Tubing (HSS)	A500	Fy = 42 KSI
Square / Rect. Structural Tubing	A500	Fy = 46 KSI
Structural Steel Web Plate	A572 / A1011	Fy = 55 KSI
Structural Steel Flange Plates / Bars	A529 / A572	Fy = 55 KSI
Cold Formed Light Gage	A653 / A1D11	Fy = 55 KSI
Roof and Wall Sheets	A792 / A653	Fy = 50, 80 KSI
Cable Brace	A475	Extra High Strength
Rod Brace	A36	Fy = 36 KSI
		MIN. TENSILE STRENGTH
Machine Bolts & Nuts	A307	Fu = 60 KSI
High Strength Bolts (1" diam. and less)	A325	Fu = 120 KSI
High Strength Bolts (>1" diam. to 1 ½ diam.)	A325	Fu = 105 KSI
Anchor Bolts	A36 / A307 / F155 Gr. 36	Fu = 58–80 KSI

THE METAL BUILDING MANUFACTURER RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

US PATRIOT STEEL
American Made Steel

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED

DESIGN LOADS

DESIGN CODE	NYBC 20
RISK CATEGORY	II – Normal
ENCLOSURE	Closed
DEAD LOAD (psf)	BUILDING STRUCTURE ONLY
COLLATERAL LOAD (psf)	10
WIND LOAD	
WIND SPEED (BASIC OR ULT. PER CODE)	115
WIND IMPORTANCE FACTOR (Iw)	1.00
WIND EXPOSURE	B
INTERNAL PRESSURE COEF., GCPi	0.18 / –0.18
LIVE LOAD	
PRIMARY FRAMING (psf)	20.00
TRIBUTARY AREA REDUCTION	No
SECONDARY FRAMING (psf)	20.00
SNOW LOAD	
GROUND SNOW LOAD, Pg (psf)	25
ROOF SNOW LOAD, Pf (psf)	20
SLOPED ROOF SNOW LOAD, Ps (psf)	Pf x Cs
SNOW EXPOSURE FACTOR, Ce	1.0000
SNOW IMPORTANCE FACTOR, Is	1.0000
THERMAL FACTOR, Ct	1.10
SLOPED FACTOR, Cs	1.0000
SEISMIC LOAD	
SEISMIC IMPORTANCE FACTOR, Ie	1.00
SEISMIC OCCUPANCY CATEGORY	II – Normal
SITE CLASS	D
MAPPED SPECTRAL RESPONSE ACCEL.	Ss = 0.290 S1 = 0.060
SPECTRAL RESPONSE COEFFICIENT	Sds = 0.303 Sd1 = 0.096
SEISMIC DESIGN CATEGORY	B
BASIC FORCE RESISTING SYSTEMS USED	STEEL SYSTEM NOT DETAILED FOR SEISMIC RESISTANCE
	RIGID FRAMES
	BRACED FRAMES
TOTAL DESIGN BASE SHEAR, V (kips)	TRANSVERSE = 8.96
	LONGITUDINAL = 8.68
RESPONSE MODIFICATION FACTORS, R	RIGID FRAMES = 3
	END WALL BRACING = 3
	SIDE WALL BRACING = 3
SEISMIC RESPONSE COEFFICIENT, Cs	RIGID FRAMES = 0.101
	E. W. X BRACING = 0.101
	S. W. X BRACING = 0.101
ANALYSIS PROCEDURE USED	EQUIV. LATERAL FORCE PROCEDURE
RAINFALL INTENSITY (inches /Hr)	I1 = 4.0000 I2 = 6.0000

FRAMING / PANELS AND TRIMS

FRAMING COATING	
PRIMARY & SECONDARY	ROX
ROOF PANELS	
GA / PANEL TYPE	AWIP SR–2, 4"THK, 40" Wide
PANEL COLOR	SIG 300 ROOF
ROOF TRIM COLORS:	
GA / EAVE COLOR	
GA / GUTTER COLOR	
GA / GABLE COLOR	
WALL PANELS	
GA. / PANEL TYPE	AWIP DM40 Type 1 & Type 2
PANEL COLOR	STANDARD
WALL TRIM COLORS	
GA / CORNER COLOR	
GA / OPENING COLOR	
GA / DOWNSPOUT COLOR	
GA / BASE TRIM COLOR	
WAINSCOT PANELS	
GA / PANEL TYPE	
PANEL COLOR	
WAINSCOT TRIM	
WAINSCOT TRIM COLOR	
LINER ROOF PANELS	
GA / PANEL TYPE	
PANEL COLOR	
LINER WALL PANELS	
GA / PANEL TYPE	
PANEL COLOR	
LINER TRIM	
LINER TRIM COLOR	
PARTITION PANELS	
GA / PANEL TYPE	
PANEL COLOR	
PARTITION TRIM	
PARTITION TRIM COLOR	
SOFFIT PANELS	
GA / PANEL TYPE	CF36A 4" 36" Wide Architectural Wall Panel
PANEL COLOR	SIG 300 TRIM
SOFFIT TRIM	
SOFFIT TRIM COLOR	SIG 300 TRIM
FASCIA PANELS	
GA / FRONT PANEL TYPE	
FRONT PANEL COLOR	
GA / BACK PANEL TYPE	
BACK PANEL COLOR	
FASCIA TRIM	
FASCIA TRIM COLOR	

MEZZANINE LOADS

	MEZZ. 1
DEAD LOAD (psf)	45.0000
PARTITION DEAD LOAD (psf)	0.0000
COLLATERAL LOAD ABOVE (psf)	0.0000
COLLATERAL LOAD BELOW (psf)	0.0000
LIVE LOAD (psf)	125.0000

DEFLECTION LIMITS:

EW COLUMN:	240
EW RAFTER LIVE:	240
EW RAFTER WIND:	180
WALL GIRT:	240
PURLIN LIVE:	240
PURLIN WIND:	180
WALL PANEL:	240
ROOF PANEL LIVE:	240
ROOF PANEL WIND:	180
RF HORIZONTAL:	100
RF VERTICAL:	240
WIND BENT:	100
RF CRANE:	100
RF SEISMIC:	50
WIND BENT SEIS.:	50

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RYAN BIGGS|CLARK DAVIS ENGINEERING & SURVEYING, DPC

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- ☐ REVISE & RESUBMIT
- ☐ REJECTED
- ☐ FOR INFORMATION ONLY

RYAN BIGGS CLARK DAVIS

PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

NOTE TO CONTRACTOR:
BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING IS SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE AND LOCATED AT 1500 WATERS PLACE, BRONX, NY 10461. SEE 133419-001-3 SHOP DRAWINGS DATED 2-23-2024 AND PATRIOT STEEL PARTS LIST OF STEEL FRAMING AND CONNECTING ELEMENTS FOR EXTENT OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS LOCATED IN THE APPENDICES OF THE PROJECT MANUAL.

1. BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE IS NOT IN CONTRACT AND SHALL NOT BE INCLUDED IN THE BID.
2. MEZZANINE FRAMING IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
3. MEZZANINE SLAB IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
4. ERECTION OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS IS NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
5. COMPONENTS OF THE PEMB SYSTEM NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE SHALL BE INCLUDED IN THE BID.
6. CONTRACTOR SHALL COORDINATE PEMB SYSTEMS FOR THE PROVISION OF A COMPLETE BUILDING PACKAGE.

DELIVERY

1. Customer is responsible for verifying that the Goods listed on the Bill of Lading are received. All shortages and/or damages must be noted, in writing, on the Bill of Lading prior to Buyer signing the Bill of Lading. Failure by the Customer to document shortages of the number of packages or damages within (5) days of delivery or pickup shall waive any claim of such shortage and/or damage. It is Customer's responsibility to retain a copy of the Bill of Lading documenting any shortages and/or damages. Loss of the Bill of Lading shall also waive any right to claim any shortage and/or damage.
2. Building Supplier is not obligated to send Goods by overnight air freight, direct truck line, or other expedited method unless Buyer prepays for such services. Building Supplier shall not be responsible for loss or damage to Goods that occur after tender for pick up or delivery. Seller shall have no obligation to remove or dismantle defective parts or to erect or install replacement parts. Back charges that are not accepted by Building Supplier in writing shall have no effect and Buyer's account may be placed on immediate Credit Hold until resolution. Building Supplier shall not be responsible or financially liable for delivery delays or any of Customer's costs expended on remedies unauthorized by Building Supplier, including, but not limited to, Customer's erection crew expense or rental equipment costs or liquidated or consequential damages of any kind.
3. In the event that parts are damaged during transit, pictures including piece marks should be taken and reported immediately to the Buyer. A replacement part and redelivery date will be coordinated with the manufacturer. Any missing parts should be circled on the Bill of Lading and returned to the driver and reported to the Buyer for immediate resolution

ERECTION NOTES

1. All bracing shown and provided by Building Supplier for this building is required and shall be installed by the ERECTOR as a permanent part of the structure ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC 15th edition Manual; Section 7.9).
2. Temporary supports, such as guys, braces, false work, cribbing or other elements required for the erection operation shall be determined and furnished by the ERECTOR ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC 15th edition Manual; Section 7.9).
3. Normal erection operations include the correction of minor misfits by moderate amounts of reaming, chipping, or cutting and the drawing of elements into line through use of drift pins. Errors which require major changes in the member configuration are to be reported immediately to Building Supplier by the CUSTOMER to enable whoever is responsible either to correct the error or to approve the most efficient and economic method of correction to be used by others ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC 15th edition Manual; Section 7.12).
4. Erection tolerances are set forth in AISC Code of Standard Practice 7.11 except that individual members are considered plumb, level and aligned if the deviation does not exceed 1:300. Variations in finished overall dimensions of structural steel framing are deemed within the limits of good practice when they do not exceed the cumulative effect of rolling, fabricating, and erection tolerances. 4.1. When crane support systems are part of the metal building system erection tolerances Section 9, Common Industry Practices, 2018 MBSM Manual shall apply. To achieve the required tolerances grouting of the columns and shimming of the runway beams may be required. The CUSTOMER shall provide grout if required. The CONTRACTOR erecting the runway beams is responsible for shimming, plumbing, and leveling of the runway system. When aligning the runway beams the alignment shall be with respect to the beam webs so that the center of the aligned rail is over the runway web.
5. As a general rule field welding is not used to assemble a metal building system. In cases where the drawings indicate field welding and in cases where approved corrections are to be made by field welding the following requirements shall be met: 5.1. Welders must be qualified by an independent testing agency, with suitable documentation to AWS D1.1 Structural Welding Code Steel or AWS D1.3 Structural Welding Code – Sheet Steel as applicable, for the processes, positions, and materials involved. 5.2. All welds must be made in conformance to a documented and approved Welding Procedure Specification (WPS). All joints which are not pre–qualified must be supported by a certified Procedure Qualification Record (PQR) by an independent testing agency.
6. All documentation and records shall be the responsibility of the CUSTOMER.
7. Neither Building Supplier nor the CUSTOMER will cut, drill or otherwise alter their work, or the work of other trades to accommodate other trades unless such work is clearly specified in the contract documents. Whenever such work is specified the CUSTOMER is responsible for furnishing complete information as to materials, size, location, and number of alterations prior to preparation of shop drawings ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC Manual; Section 7.13).
8. Field Modifications Policy:
   - 8.1. Building Supplier will only be responsible for the field–modified parts designed and approved by the Building Supplier's Engineering Department.
   - 8.2. Any field modifications designed by third parties may not be approved by Building Supplier and may limit Building Supplier's warranty and liability
   - 8.3. Building Supplier makes no warranty and hereby disclaims any responsibility with respect to the design, engineering, or construction of any field–modified parts performed by third parties.
9. The correction of minor misfits by the use of drift pins to draw the components into line, shimming, moderate amounts of reaming, chipping and cutting, and the replacement of minor shortages of material are a normal part of erection and are not subject to claim.
10. Visible gaps between column and/or rafter connection plates can occur as a result of various causes without critical effect to the structural integrity. Minimal shimming at bolt locations is considered acceptable regardless of material yield and does not require full surface contact of the connection plates. The purpose of shimming, besides any aesthetic benefits, is to provide resistance to the tightening procedures of high–strength bolts for proper installation. The types of shim can be of a uniform thickness, full size, tapered or notched around bolts to permit installation without removal of bolts. Bolt holes oversized by 3/16 inches are permitted in full–size shims to facilitate alignment. For further information regarding shimming, refer to the AISC publication, "Engineering for Steel Construction". In the event of connection gaps, the manufacturer must be consulted for approval and specific recommendations for proper shimming.
11. The Building Supplier, through its CS Manager, must be notified at once when a condition becomes apparent that may result in a backcharge by the Erector. Notification by phone must be confirmed in writing. Some approximation of the amount of the backcharge must be established at this time and an authorization before the work is started. Building Supplier will not honor any field corrections or backcharges unless prior notice has been given and agreed upon. All discrepancies must be agreed upon, in writing, Any work which is undertaken without such notification and authorization will not be honored as a backcharge.
    - 11.1 Description of nature and extent of the errors, including piece marks, quantities, photos, and measurements, where applicable.
    - 11.2 Description of nature and extent of proposed corrective work including estimated man–hours.
    - 11.3 Material to be purchased from other than the Building Supplier, including estimated quantities and cost.
12. WARNING in no case should Galvalume steel panels be used in conjunction with lead or copper. Both lead and copper have harmful corrosive effects on the Galvalume alloy coating when they are in contact with Galvalume steel panels. Even run–off from copper flashing, wiring, or tubing onto Galvalume should be avoided.
13. It is strongly recommended that safe working conditions and accident prevention practices be the top priority of any job site. Local, State and Federal safety and health standards should always be followed to help insure workers safety. Make certain all employees know the safest and most productive way of erecting a building. Emergency procedures should be known to all employees. Daily meetings highlighting safety procedures are also recommended. The use of hard hats, rubber sole shoes for roof work, proper equipment for handling material, and safety nets where applicable, are recommended.
14. Roof drainage systems (gutter, downspouts, etc.) must be free of any obstruction to ensure smooth operation at any given time.
15. Roof snow accumulations in excess of specified project design loading criteria can cause significant distress to the building structural system. It is recommended that roof be cleared of snow by the CUSTOMER Refer to A9.4 for Snow/Ice Removal procedure by Metal Building Systems Manual. A copy is available upon request.

DRAWING INDEX

BUILDING DESCRIPTION

WIDTH (FT)	42
LENGTH (FT)	90
BACK SIDE WALL EAVE HEIGHT (FT)	26.1
FRONT SIDE WALL EAVE HEIGHT (FT)	19.1
BACK SIDE WALL ROOF SLOPE	–2.0:12
FRONT SIDE WALL ROOF SLOPE	
BAY SPACING (FT)	SEE PLAN

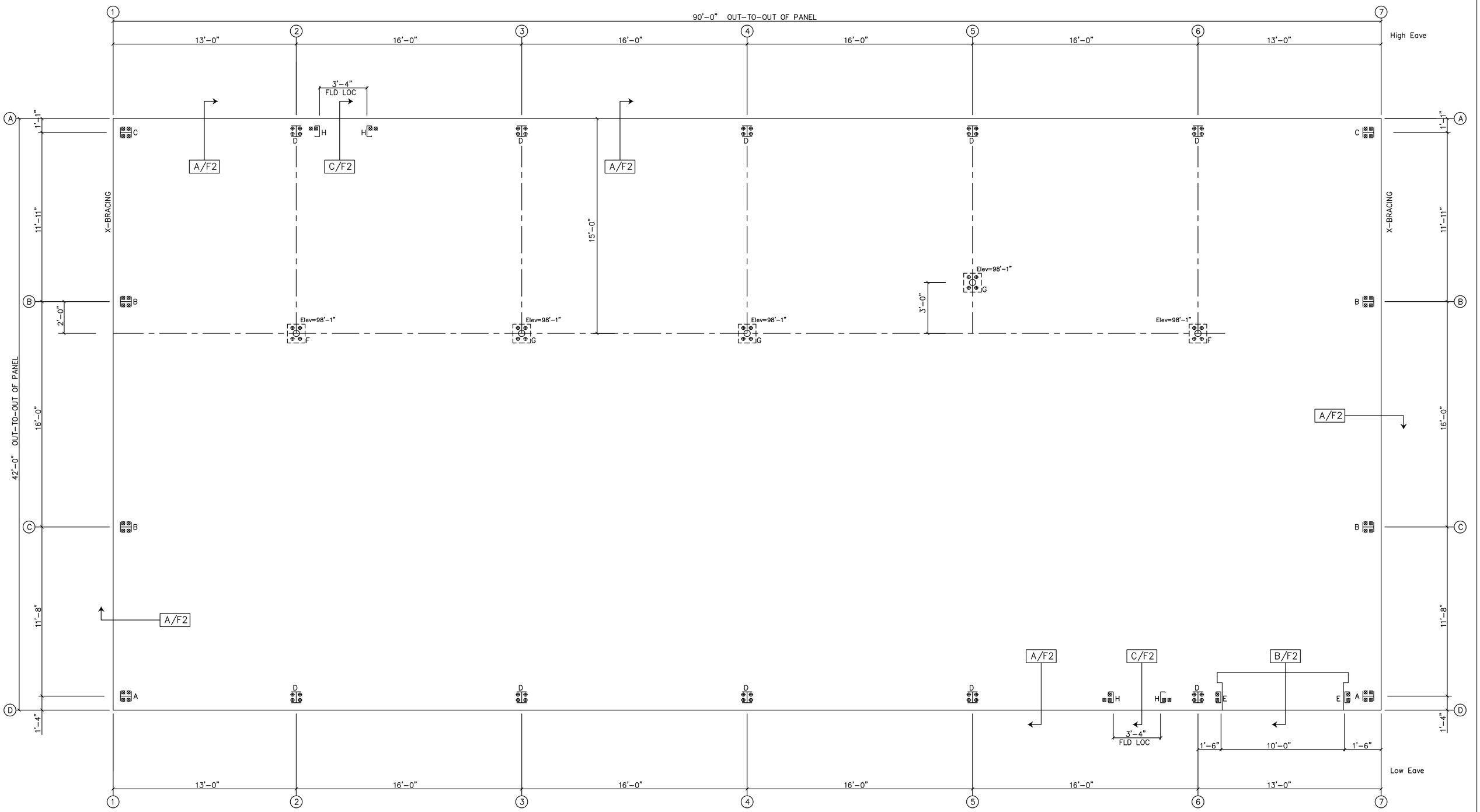
STATE OF NEW YORK
COLEMAN D. LARSEN
LICENSED PROFESSIONAL ENGINEER
092923
02/09/24

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
B	PERMIT	11.07.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

US PATRIOT STEEL American Made Steel

BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX

S.O.# 112530 | JOB# 112530 | SCALE N.T.S. | DWG# C1



ANCHOR BOLT PLAN

NOTE: All Base Plates @ 100'-0" (U.N.)
FINISH FLOOR @ 100'-0" (U.N.)

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BY: PAR DATE: 2-22-2024

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PATRIOT STEEL
American Made Steel

DESCRIPTION	ANCHOR BOLT PLAN
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# F1 of F3

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COLEMAN D. LARSEN
092923
LICENSED PROFESSIONAL ENGINEER
02/09/24

WARNING
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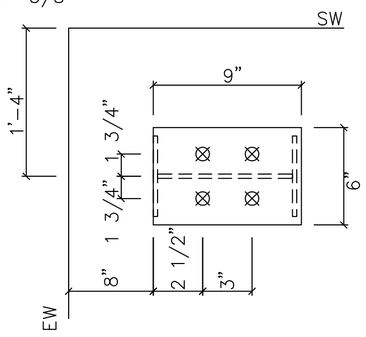
Dia= 5/8"
Thk= 3/8"



DETAIL A

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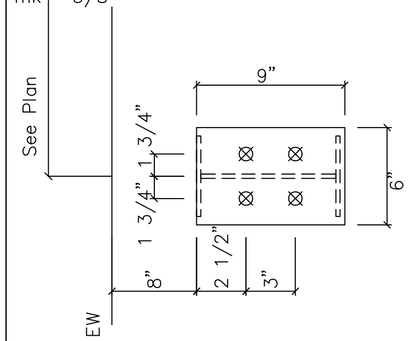

DETAIL B

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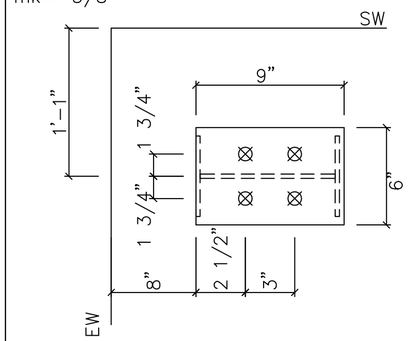
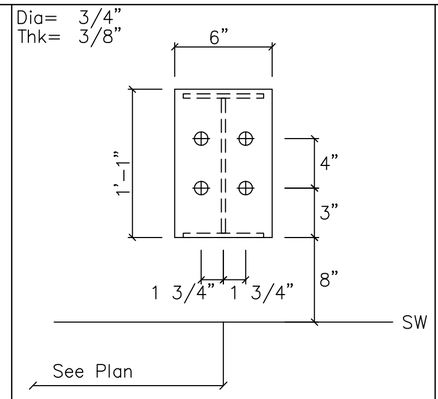
Thk= 3/8"



DETAIL C

Dia= 3/4"
Thk= 3/8"



DETAIL D

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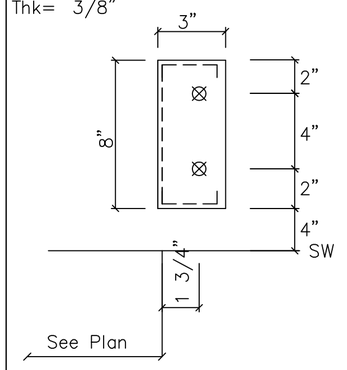
Thk= 3/8"



DETAIL E

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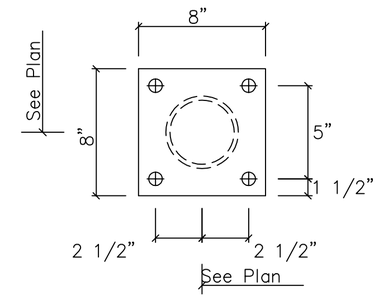
Thk= 3/8"

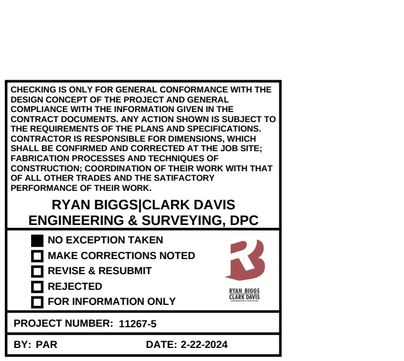


DETAIL F ELEV. = 98'-1

Dia= 3/4"
Thk= 1/2"

DETAIL G ELEV. = 98'-1

Dia= 5/8"
Thk= 3/8"



DETAIL H

SECTION – 'A/F2'

SECTION – 'B/F2'

SECTION – 'C/F2'

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PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

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PATRIOT STEEL
American Made Steel

DESCRIPTION	ANCHOR BOLT DETAILS
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX

JOB#	112530	SCALE	N.T.S.	DWG#	F2 of F3

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STATE OF NEW YORK
COLEMAN D. LARSEN
092923
LICENSED PROFESSIONAL ENGINEER
02/09/24

WARNING
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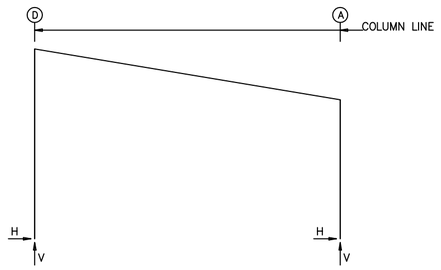
FRAME LINES: 2 3 4 5 6



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
2*	A	8	3.2	20.1	5	−2.0	2.0	4	0.750	6.000	13.00	0.375	0.0
		4	2.8	34.3	7	0.6	−2.7						
2*	D	6	2.5	−2.3	3	−3.9	11.5	4	0.750	6.000	13.00	0.375	0.0
		2	−2.3	15.5	7	−1.0	−4.5						

2* Frame lines: 2 3 4 5 6

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Floor Horiz	Floor Vert	Snow Horiz	Snow Vert	Snow_Drift Horiz	Snow_Drift Vert
2*	A	0.5	9.3	0.7	3.4	1.2	8.4	0.2	17.1	1.2	8.9	0.0	0.5
2*	D	−0.5	2.8	−0.7	3.4	−1.2	8.2	−0.2	0.2	−1.2	8.8	0.0	0.5

Frame Line	Column Line	Slide_Snow Horiz	Slide_Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert
2*	A	0.0	0.0	−3.1	−8.4	1.9	−5.3	−3.8	−5.9	1.0	−2.9	1.3	−11.2
2*	D	0.0	0.6	−3.8	−2.0	3.5	−9.0	−3.1	0.4	4.6	−6.5	−1.1	−8.5

Frame Line	Column Line	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert	Seismic_Long Horiz	Seismic_Long Vert	MIN_SNOW Horiz	MIN_SNOW Vert
2*	A	0.6	−13.7	−2.0	−1.3	2.0	1.3	0.0	−6.8	1.3	7.9
2*	D	−1.1	−10.3	−1.7	1.3	1.7	−1.3	0.0	−4.6	−1.3	7.7

2* Frame lines: 2 3 4 5 6

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Grout (in)
1	A	10	0.9	−2.2	11	−0.8	0.2	4	0.625	6.000	9.000	0.375	0.0
		1	0.0	10.6	10	0.9	−2.2						
1	B	12	1.6	−0.6	11	−1.5	1.9	4	0.625	6.000	9.000	0.375	0.0
		13	1.2	14.9	12	1.6	−0.6						
1	C	14	1.4	−1.2	11	−1.3	−1.2	4	0.625	6.000	9.000	0.375	0.0
		15	0.0	5.5	14	1.4	−1.2						
1	D	12	0.6	−0.9	11	−0.6	−0.3	4	0.625	6.000	9.000	0.375	0.0
		9	0.0	2.8	12	0.6	−0.9						
7	D	10	0.6	−0.9	11	−0.6	−0.3	4	0.625	6.000	9.000	0.375	0.0
		9	0.0	2.8	10	0.6	−0.9						
7	C	14	1.4	−1.2	11	−1.3	−1.2	4	0.625	6.000	9.000	0.375	0.0
		16	0.0	5.5	14	1.4	−1.2						
7	B	10	1.6	−0.6	11	−1.5	1.9	4	0.625	6.000	9.000	0.375	0.0
		17	1.2	14.9	10	1.6	−0.6						
7	A	12	0.9	−2.2	11	−0.8	0.2	4	0.625	6.000	9.000	0.375	0.0
		1	0.0	10.6	12	0.9	−2.2						

FLOOR COLUMN REACTIONS

Frame Line	Col Line	Max_Vert Ld	Max_Vert (k)	Dead Vert (k)	Coll Vert (k)	Live Vert (k)	Anc._Bolt Qty	Anc._Bolt Dia	Base Plate (in) Width	Length	Thick	Grout (in)
2	@15.0	1	23.4	6.3	0.0	17.1	4	0.750	8.000	8.000	0.375	
3	@15.0	1	27.1	7.3	0.0	19.8	4	0.750	8.000	8.000	0.500	
4	@15.0	1	27.1	7.3	0.0	19.8	4	0.750	8.000	8.000	0.500	
5	@12.0	1	34.8	9.3	0.0	25.4	4	0.750	8.000	8.000	0.500	
6	@15.0	1	23.4	6.3	0.0	17.1	4	0.750	8.000	8.000	0.375	

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	42.0
Length (ft)	=	90.0
Eave Height (ft)	=	26.1/ 19.1
Roof Slope (rise/12)	=	2.0
Dead Load (psf)	=	5.0
Collateral Load (psf)	=	10.0
Live Load (psf)	=	20.0
Snow Load (psf)	=	20.0
Wind Speed (mph)	=	115.0
Wind Code	=	NYBC 20 (IBC 18)
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.45

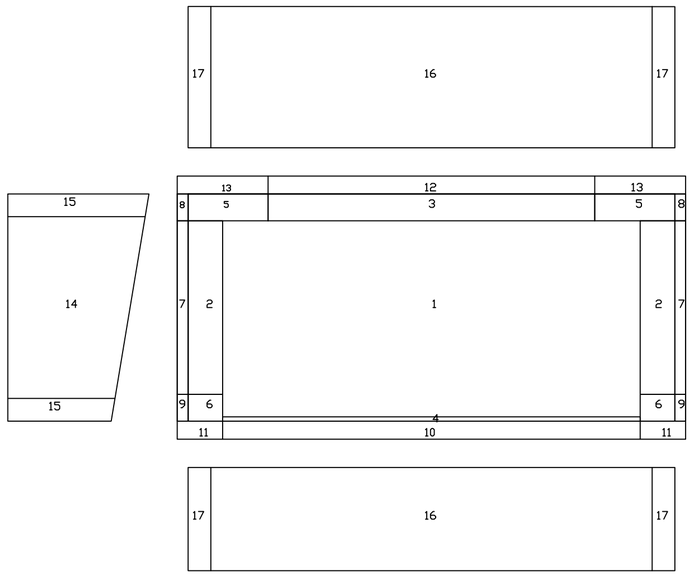
ID	Description
1	Dead+Collateral+Floor_Live
2	Dead+Collateral+Snow+Slide_Snow
3	Dead+Collateral+0.75Live+0.45Wind_Left1+0.75Floor_Live
4	Dead+Collateral+0.75Snow+0.45Wind_Long1R+0.75Snow_Drift+0.75Floor_Live
5	0.6Dead+0.6Wind_Left2
6	0.6Dead+0.6Wind_Right2
7	0.6Dead+0.6Wind_Long2L
8	1.03Dead+1.03Collateral+0.75Live+0.53Seismic_Right
9	Dead+Collateral+MIN_SNOW
10	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
11	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
12	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
13	Dead+Collateral+0.45Wind_Left2+0.45Wind_Suction+0.75Floor_Live+0.75MIN_SNOW
14	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L
15	Dead+Collateral+Snow/2+E1PAT_SL_4
16	Dead+Collateral+Snow/2+E2PAT_SL_3
17	Dead+Collateral+0.45Wind_Right2+0.45Wind_Suction+0.75Floor_Live+0.75MIN_SNOW

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
⊠ 4	Jamb	5/8"	A307	2.00
⊠ 32	Endwall	5/8"	A307	2.00
⊕ 40	Frame	3/4"	A307	2.50
⊕ 20	Floor	3/4"	A307	2.50

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis
L_EW	1	D,C	2.5	5.0	1.0	2.0		
F_SW	D	3,4	4.3	4.7	4.2	4.6		
R_EW	7	C,D	2.5	5.0	1.0	2.0		
B_SW	A	4,3	4.9	7.5	4.4	6.8		



Components & Cladding (Factored)

Zone	Width (ft)	Length (ft)	Pressure(psf) Member	Pressure(psf) Panel	Suction(psf) Member	Suction(psf) Panel
1			7.20	7.20	-13.50	-13.50
2		6.40	7.20	7.20	-17.68	-18.77
3	5.02		7.20	7.20	-17.68	-18.77
4	0.82		7.20	7.20	-14.58	-15.66
5	5.02	14.80	7.20	7.20	-18.77	-29.30
6	5.02	6.40	7.20	7.20	-14.58	-20.92
7	32.54	2.00	7.20	7.20	-33.48	-36.86
8	5.02	2.00	7.20	7.20	-41.99	-49.55
9	5.02	2.00	7.20	7.20	-37.40	-43.20
10	3.33	77.20	7.20	7.20	-15.82	-26.37
11	3.33	8.40	7.20	7.20	-17.72	-43.25
12	3.33	60.40	7.20	7.20	-14.57	-24.26
13	3.33	16.80	7.20	7.20	-17.77	-43.18
14			9.60	11.39	-10.16	-12.34
15	4.20		9.60	11.39	-10.87	-15.18
16			9.60	11.40	-10.14	-12.26
17	4.20		9.60	11.40	-10.85	-15.20

(+) wind towards surface
(-) wind away from surface

Panel Zone: Wind 1

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PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
B	PERMIT	11.07.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL American Made Steel

DESCRIPTION	ANCHOR BOLT REACTIONS
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# F3 of F3

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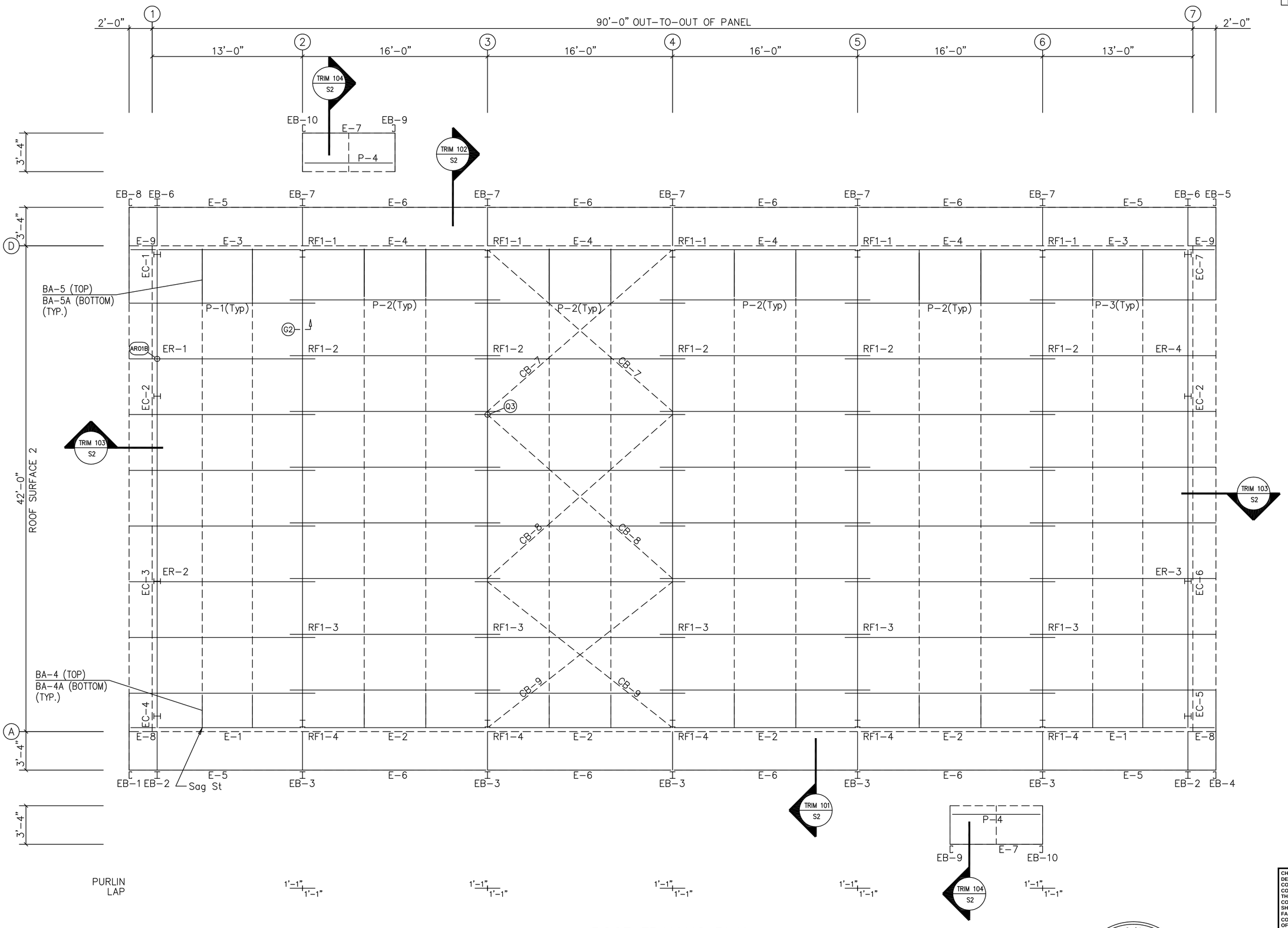
STATE OF NEW YORK
COLEMAN D. LARSEN
092923
LICENSED PROFESSIONAL ENGINEER
02/09/24

WARNING
THIS DRAWING IS NOT CHECKED FOR CONSTRUCTION

EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-2	4	A325	5/8"	1 3/4"
EB-3	4	A325	5/8"	1 1/2"
EB-6	4	A325	5/8"	1 1/2"
EB-7	4	A325	5/8"	1 1/2"
EB-9	8	A325	5/8"	2"
EB-10	8	A325	5/8"	2"

MEMBER TABLE ROOF PLAN		
QUAN	MARK	PART
1	EB-1	8x30C14
2	EB-2	W08542
5	EB-3	W08542
1	EB-4	8x30C14
1	EB-5	8x30C14
2	EB-6	W08542
5	EB-7	W08542
1	EB-8	8x30C14
2	EB-9	8x30C14
2	EB-10	8x30C14
8	P-1	8x25Z16
32	P-2	8x25Z16
8	P-3	8x25Z16
2	P-4	8x25C16
2	E-1	E085342L
4	E-2	E085342L
2	E-3	E085342H
4	E-4	E085342H
4	E-5	8x25C16
8	E-6	8x25C16
2	E-7	8x25C16
2	E-8	E085342L
2	E-9	E085342H
2	CB-7	BR1/2
2	CB-8	BR1/2
2	CB-9	BR1/2
12	BA-4	2x2x14GA
12	BA-4A	2x2x14GA
12	BA-5	2x2x14GA
12	BA-5A	2x2x14GA



ROOF FRAMING PLAN

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C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	ROOF FRAMING PLAN
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E1 of E9

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STATE OF NEW YORK
COLEMAN D. LARSEN
LICENSED PROFESSIONAL ENGINEER
092923
02/09/24

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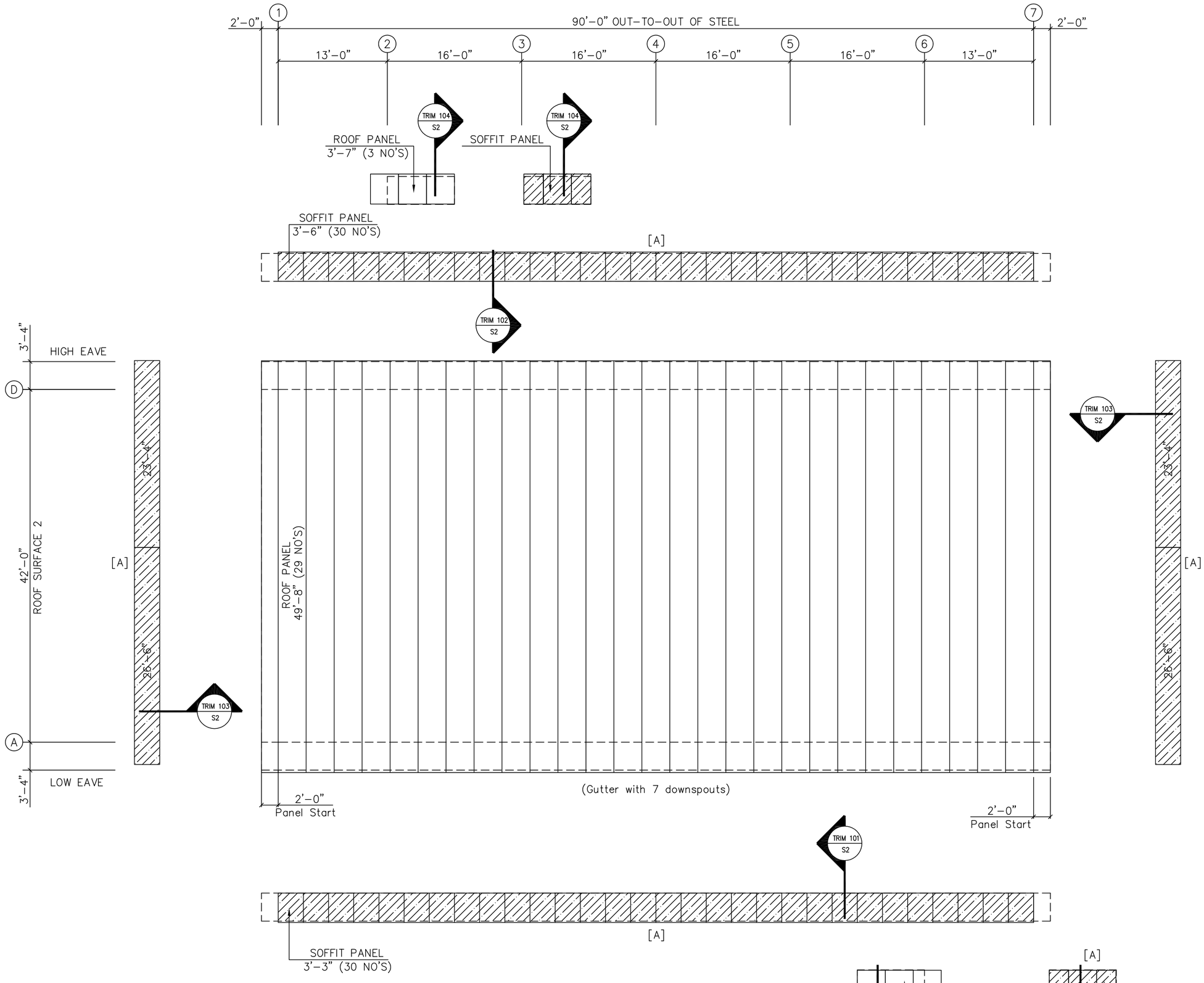
RYAN BIGGS CLARK DAVIS

PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

NOTE: –
TRIM WILL BE ON INSULATED PANEL DRAWINGS

SNOW GUARDS (BY OTHERS)



ROOF SHEETING PLAN

Roof:
AWIP SR-2 4" 40" Wide Roof Panel

Soffit:
CF36A 4" 36" Wide Architectural Wall Panel
Exterior Face 1: Architectural Flat, 22 Gauge, Premium I Kynar Color TBD, Unembossed
Flat Interior Face 2: Light Mesa, 26 Gauge, Igloo White, Standard Polyester, Embossed

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PATRIOT STEEL
American Made Steel

DESCRIPTION	ROOF SHEETING PLAN
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E2 of E9

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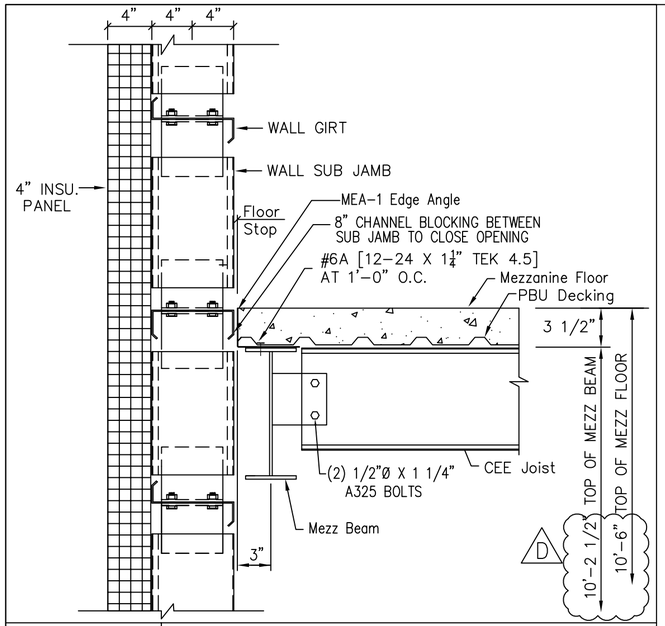
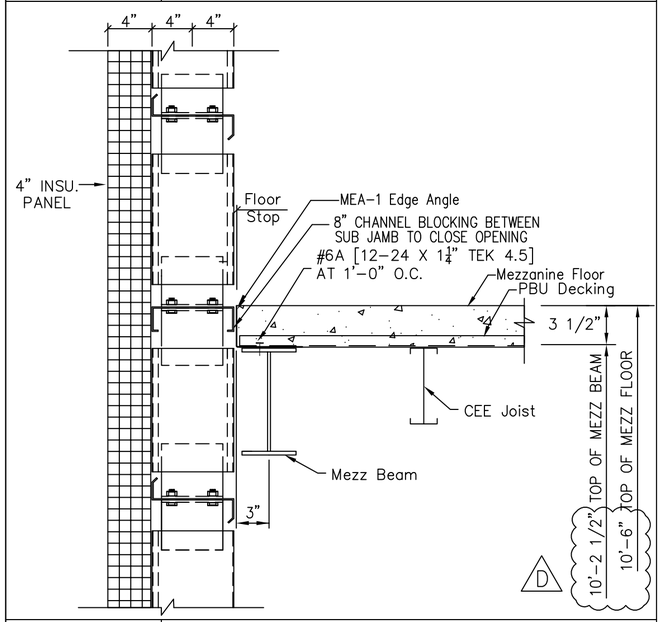
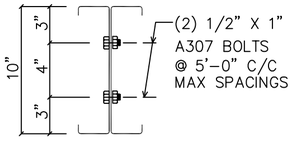


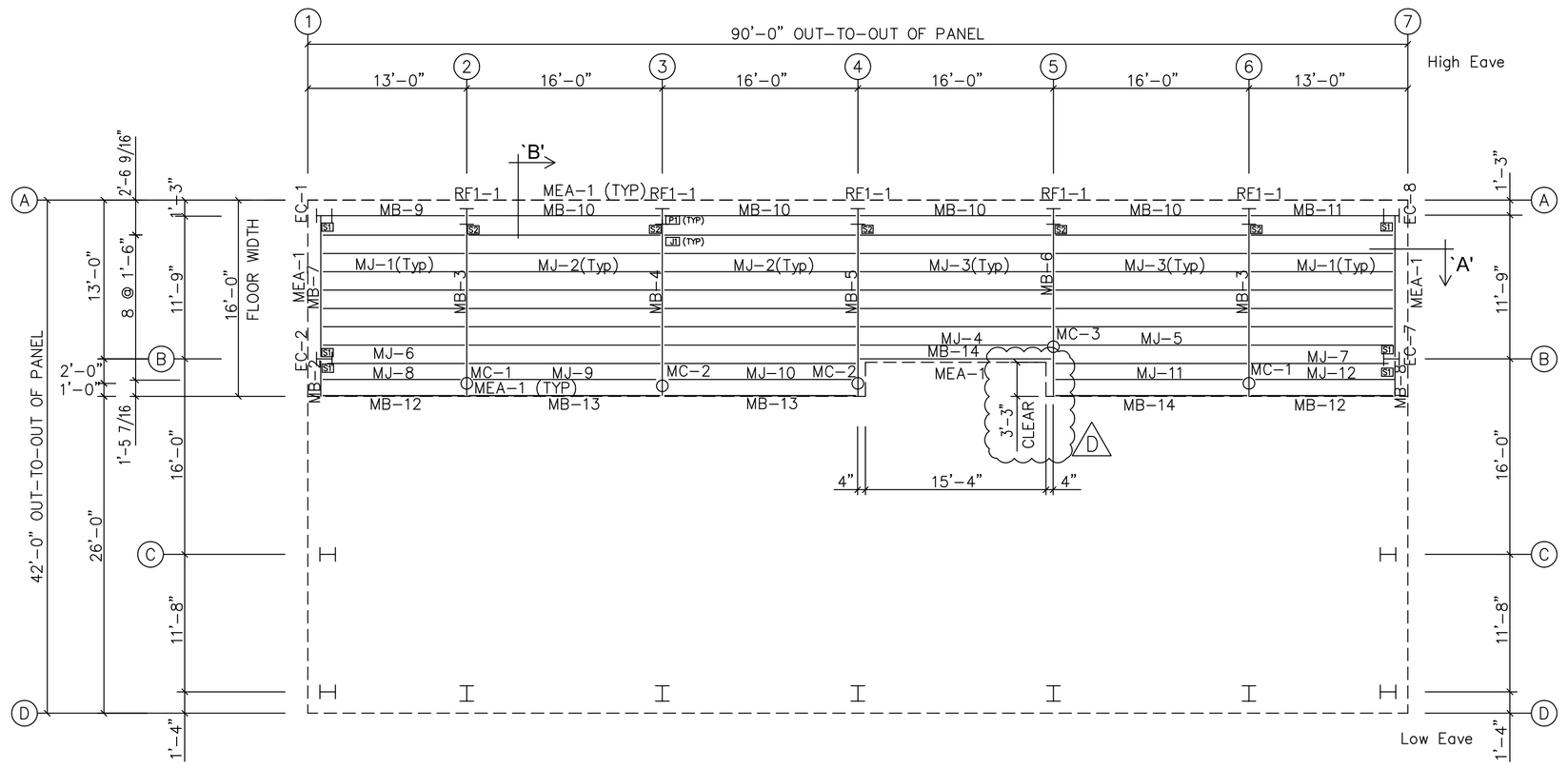
SECTION - `A' | FLOOR SECTION AT PERIMETER BEAM



SECTION - `B' | FLOOR SECTION AT PERIMETER BEAM



DOUBLE CEE JOIST STITCH BOLTS



MEZZANINE FLOOR FRAMING & JOIST PLAN

TOP OF MEZZ. BEAM = 10'-2 1/2"

D

PERIMETER BEAM BOLT & PLATE TABLE					
☐	QUAN	TYPE	DIA	LENGTH	MARK/PART
P1	6	A325	5/8"	1 1/2"	

JOIST BOLT TABLE				
☐ID	QUAN	TYPE	DIA	LENGTH
J1	2	A325	1/2"	1 1/4"

SUPPORT BEAM BOLT & PLATE TABLE					
☐ID	QUAN	TYPE	DIA	LENGTH	MARK/PART
S1	6	A325	5/8"	1 1/2"	
S2	4	A325	3/4"	1 3/4"	

SUPPORT COLUMN BOLT TABLE				
☐ID	QUAN	TYPE	DIA	LENGTH
C1	4	A325	5/8"	1 1/2"

MEMBER TABLE	
MARK	PART
MC-1	D450x125
MC-2	D450x188
MC-3	D450x188
MJ-1	8x50D16
MJ-2	8x50D14
MJ-3	8x50D14
MJ-4	8x50D14
MJ-5	8x50D14
MJ-6	8x50D16
MJ-7	8x50D16
MJ-8	8x50D16
MJ-9	8x50D16
MJ-10	8x70D12
MJ-11	8x50D14
MJ-12	8x50D16

MEMBER TABLE	
MARK	PART
MB-1	W08542
MB-2	W08542
MB-3	W14542
MB-4	W14542
MB-5	W14542
MB-6	W10642
MB-7	W08542
MB-8	W08542
MB-9	W8x10
MB-10	W8x10
MB-11	W8x10
MB-12	W8x10
MB-13	W8x10
MB-14	W8x10

ANGLE TABLE	
◇ID	PART
MEA-1	3 1/2 X 3 1/2" X 14GA

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
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D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	MEZZANINE FLOOR FRAMING & JOIST PLAN
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E3 of E9

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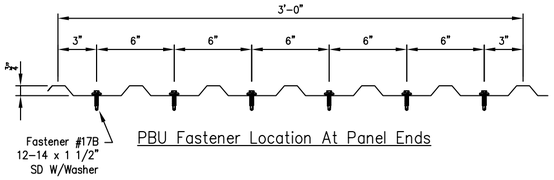
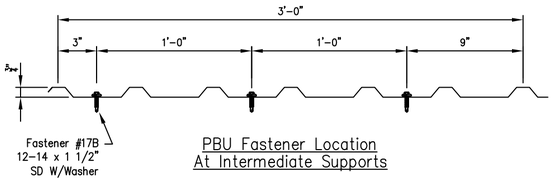
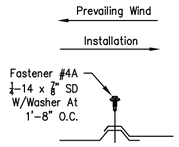


PBU Fastener Location At Panel Ends

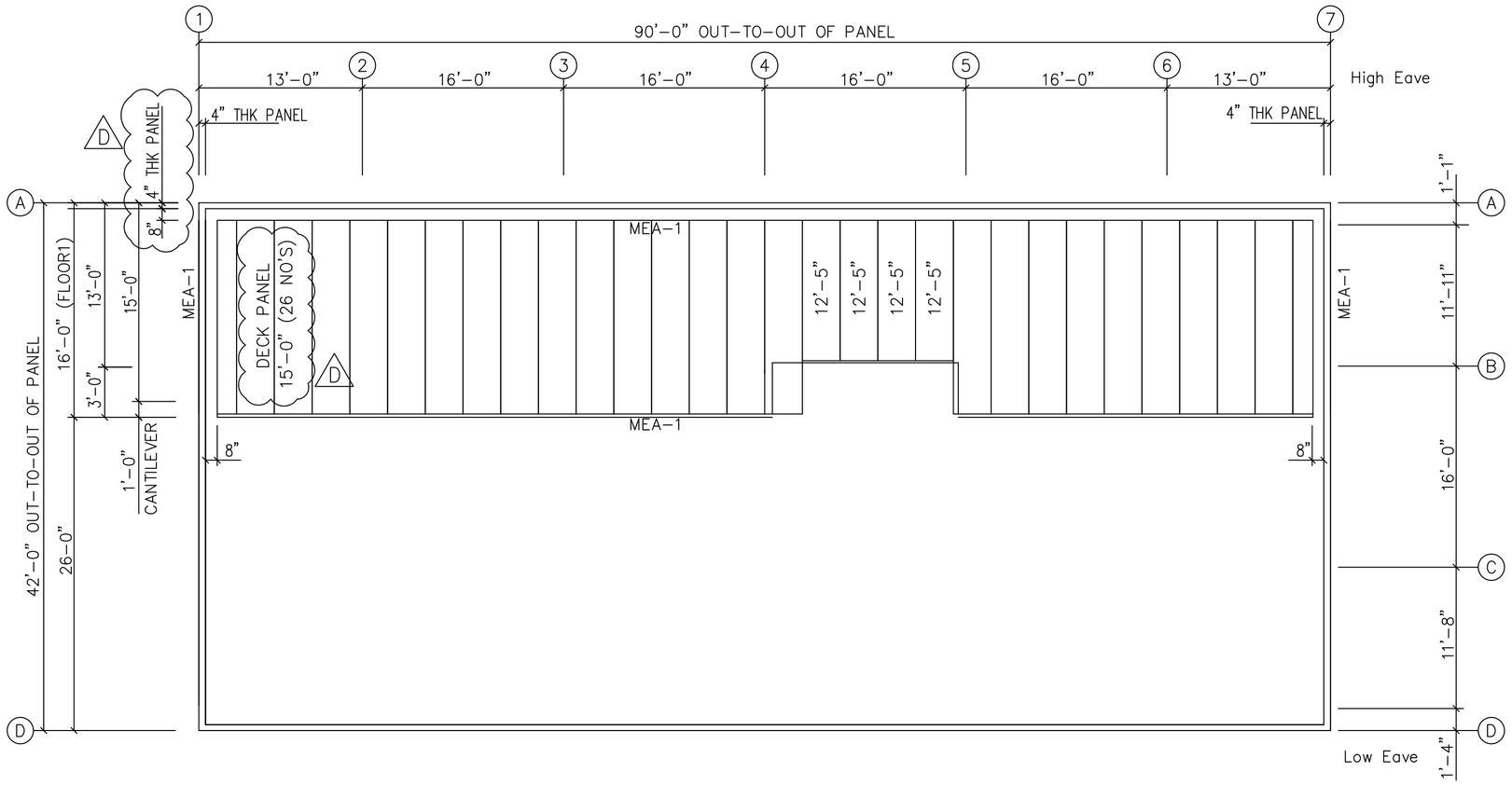


PBU Fastener Location
At Intermediate Supports



PBU Panel Sidelap

PBU DECK PANEL - FASTENER SPACING



MEZZANINE FLOOR DECKING PLAN

PANELS: 24 Ga. PBU – GALVALUME+
(FIELD CUT PANEL AS REQUIRED)

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PATRIOT STEEL
American Made Steel

DESCRIPTION	MEZZANINE FLOOR DECKING PLAN
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E4 of E9

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ENGINEERING & SURVEYING, DPC

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PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.625	2.00	6"	1/2"	1'-11"
SP-2	2	4	0	A325	0.625	2.00	6"	1/2"	1'-10 1/8"
SP-3	4	4	0	A325	0.625	2.00	6"	1/2"	2'-0 3/4"

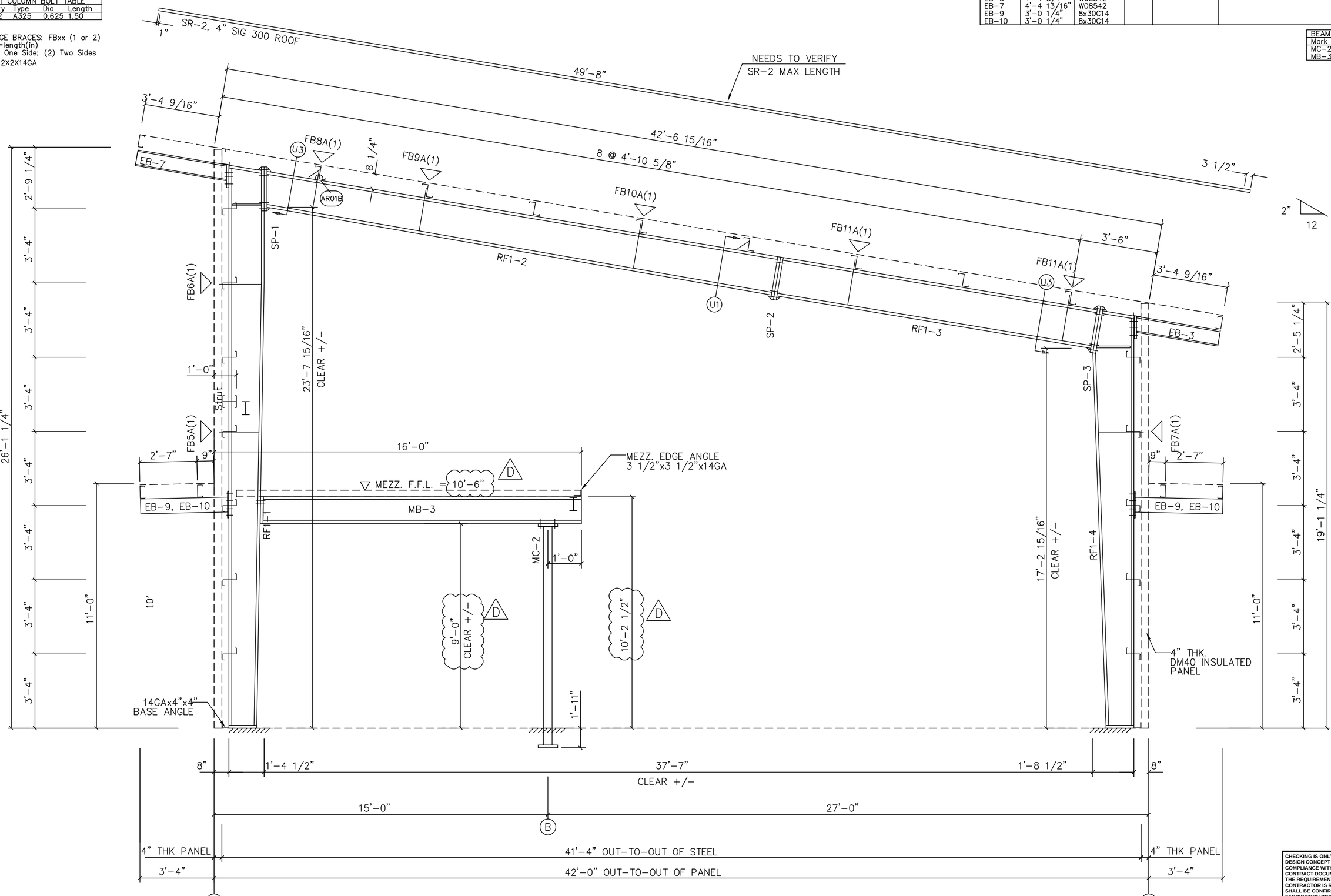
SUPPORT BEAM BOLT TABLE				
ID	Qty	Type	Dia	Length
S1	4	A325	0.750	1.75

SUPPORT COLUMN BOLT TABLE				
ID	Qty	Type	Dia	Length
C1	2	A325	0.625	1.50

▽FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A – 2X2X14GA

MEMBER TABLE						
Mark	Length	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	25'-3 9/16"	12.0/16.0	0.135	20'-0"	5 x 1/4" x 25'-2 7/8"	5 x 1/4" x 20'-0"
		16.0/16.0	0.135	3'-4 9/16"	5 x 1/4" x 1'-8 1/2"	5 x 1/4" x 3'-4 9/16"
		16.0/16.0	0.188	1'-10 3/8"		
RF1-2	23'-8 9/16"	16.0/16.3	0.135	3'-7 9/16"	5 x 1/4" x 23'-7 9/16"	5 x 1/4" x 23'-4 13/16"
		16.3/18.0	0.135	20'-0"		
RF1-3	14'-7 3/4"	18.0/18.0	0.135	14'-6 3/4"	5 x 1/4" x 14'-6 3/4"	5 x 1/4" x 14'-6 3/4"
RF1-4	18'-6 1/4"	16.5/20.0	0.188	1'-9 1/16"	5 x 1/4" x 1'-9"	5 x 1/4" x 16'-11 7/16"
		20.0/12.0	0.135	16'-11 5/16"	5 x 1/4" x 18'-5 9/16"	
EB-3	4'-4 3/4"	W08542				
EB-7	4'-4 13/16"	W08542				
EB-9	3'-0 1/4"	8x30C14				
EB-10	3'-0 1/4"	8x30C14				

BEAM TABLE		
Mark	Part	Length
MC-2	D450x125	9'-5"
MB-3	W14542	16'-1 11/16"



RIGID FRAME ELEVATION: FRAME LINE 2 3 4 5 6

(FLOOR BEAMS SHOWN AT FRAME LINE 2 6)

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
B	PERMIT	11.07.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	RIGID FRAME ELEVATION
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# ES of E9

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RYAN BIGGS|CLARK DAVIS ENGINEERING & SURVEYING, DPC

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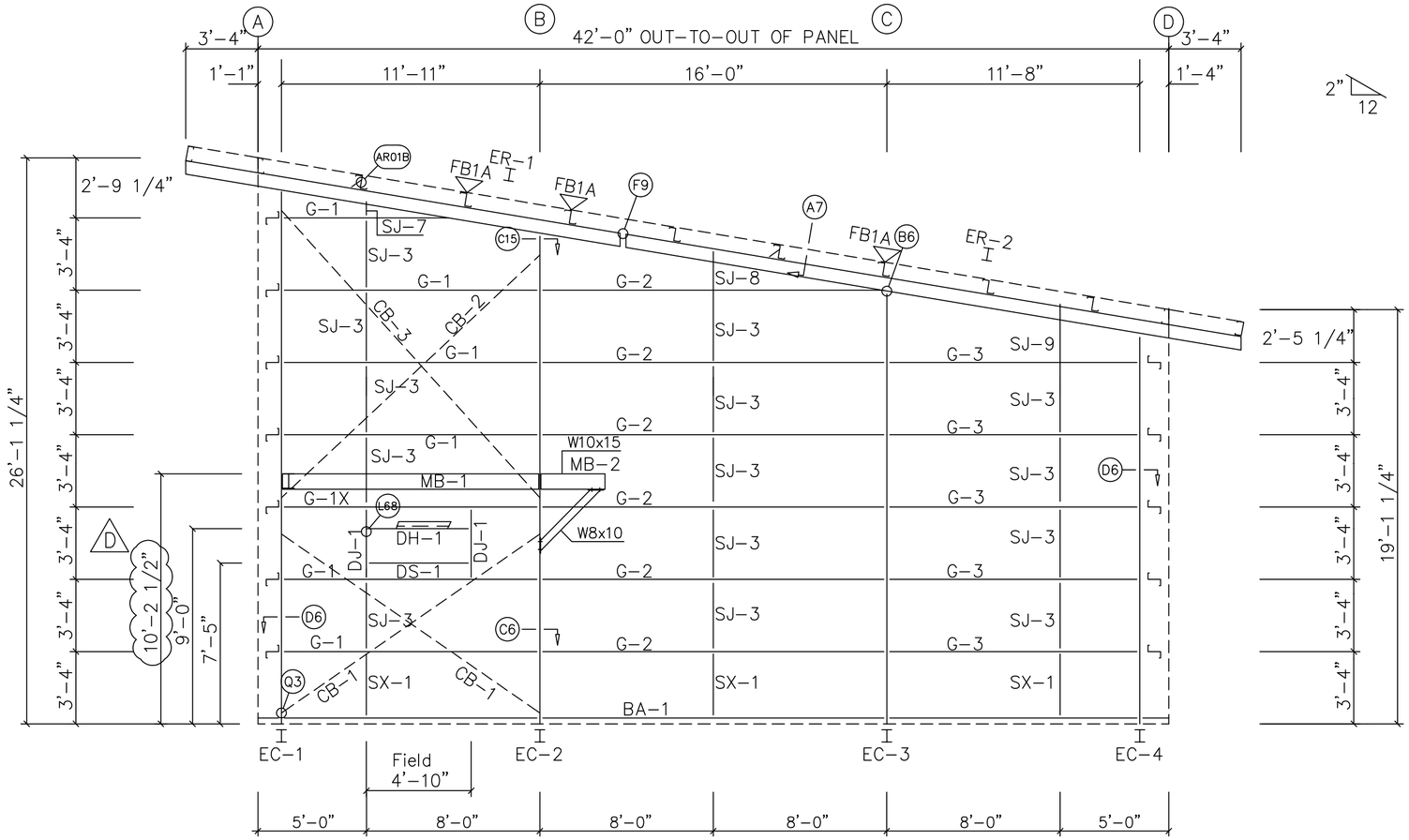
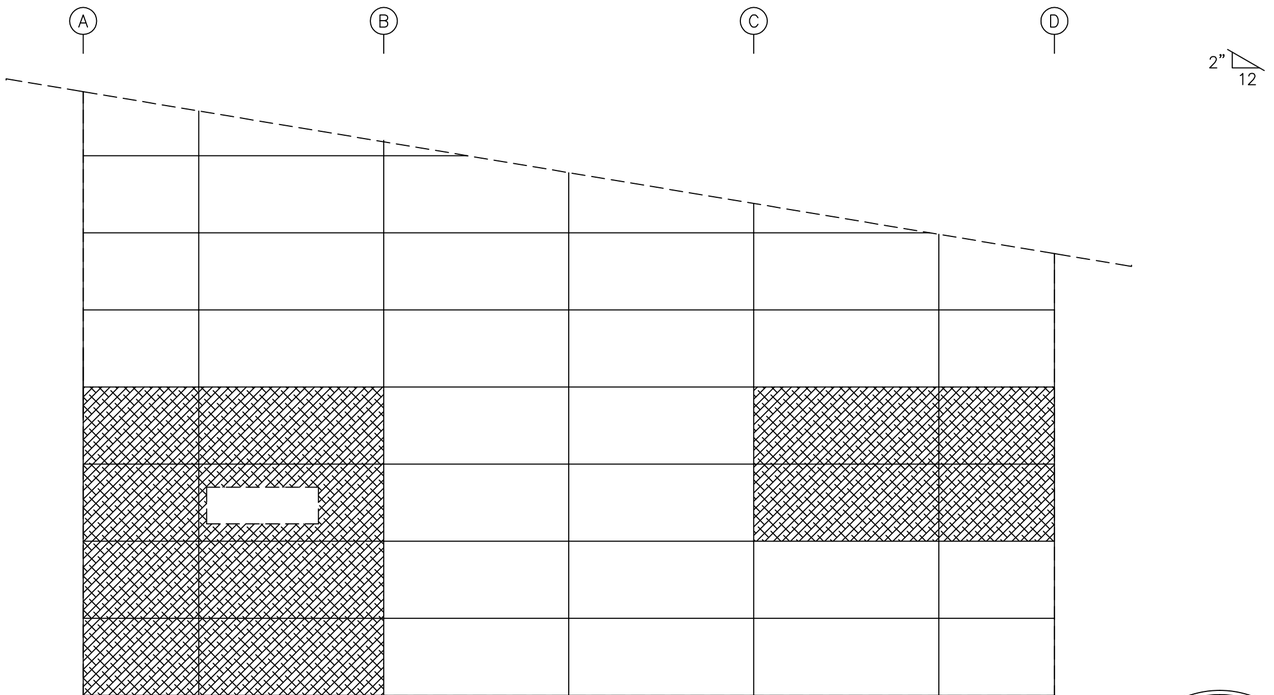
PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024



ENDWALL FRAMING: FRAME LINE 1



AWIP DM40 Wall Panel Type 1

AWIP ST40 Wall Panel Type 2

ENDWALL SHEETING & TRIM: FRAME LINE 1

TRIM TABLE
FRAME LINE 1

◇ID	QUAN	PART	LENGTH	DETAIL
1	5	PT-01C	8'-7"	TRIM_143
2	5	ST-01RC	8'-7"	TRIM_106

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	1 3/4"
Columns/Raf	4	A325	1/2"	1 1/4"

SUPPORT BEAM BOLT TABLE
FRAME LINE 1

□ID	QUAN	TYPE	DIA	LENGTH
15	6	A325	5/8"	1 1/2"

COLUMN BOLT TABLE
FRAME LINE 1

□ID	QUAN	TYPE	DIA	LENGTH
9	2	A325	5/8"	1 1/2"

FLANGE BRACE TABLE
FRAME LINE 1

▽ID	MARK	LENGTH
1	FB1A	1'-3 1/4"

MEMBER TABLE
FRAME LINE 1

MARK	PART
EB-2	W08542
EB-6	W08542
EC-1	W08542
EC-2	W08542
EC-3	W08542
EC-4	W08542
ER-1	W08542
ER-2	W08542
DJ-1	8X25C14
DH-1	8x25c16
DS-1	8x25c16
G-1	8x25Z16
G-1X	8x25C16
G-2	8x25Z16
G-3	8x25Z16
CB-1	BR1/2
CB-2	BR1/2
CB-3	BR1/2
MB-1	W08542
MB-2	W08542
SJ-3	8x25C16
SX-1	2x4x16GA
SJ-7	8x25C16
SJ-8	8x25C16
SJ-9	8x25C16

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.11.2023	BCG	RES	GFA
B	PERMIT	11.7.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	ENDWALL FRAMING & SHEETING ELEVATION
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E6 of E9

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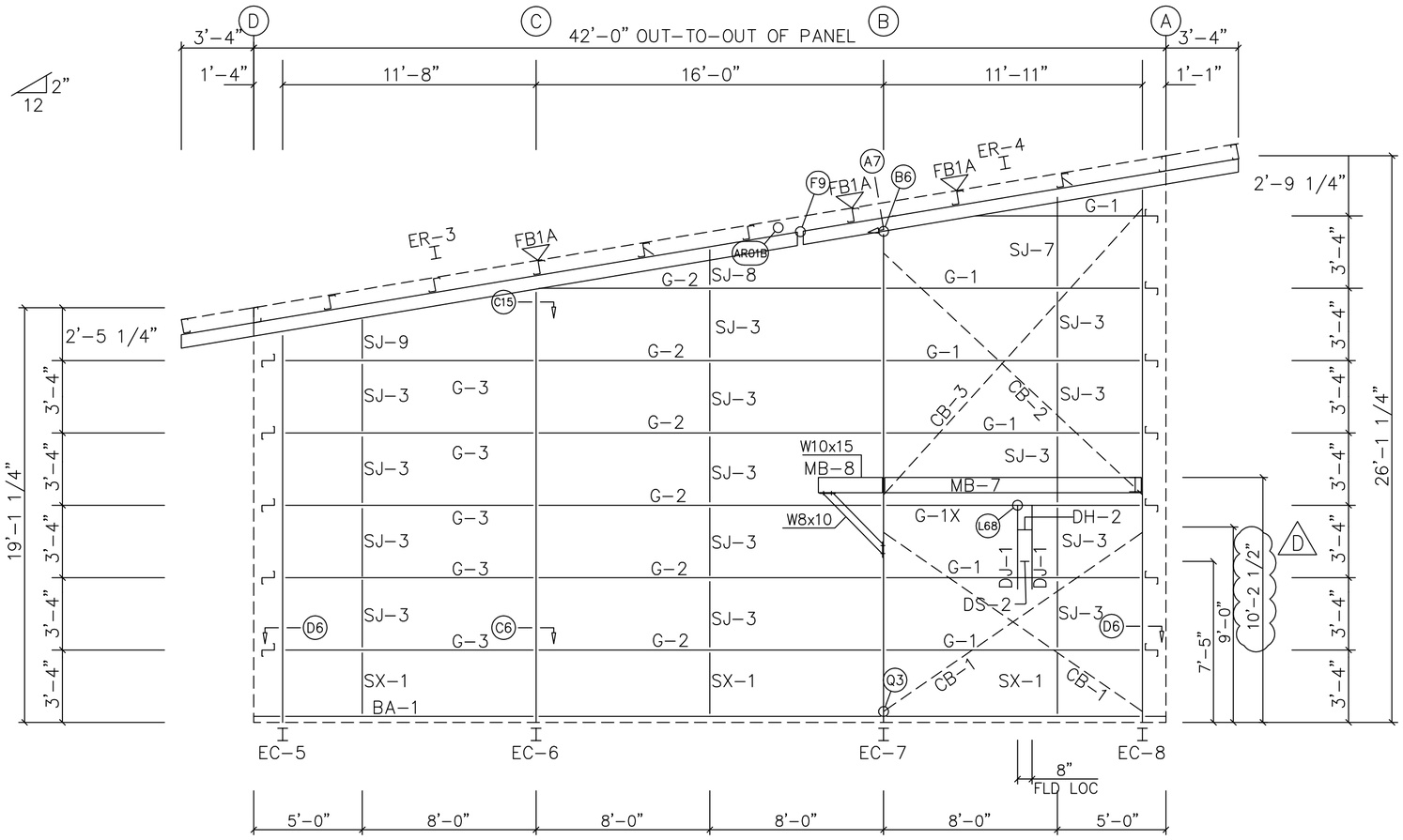
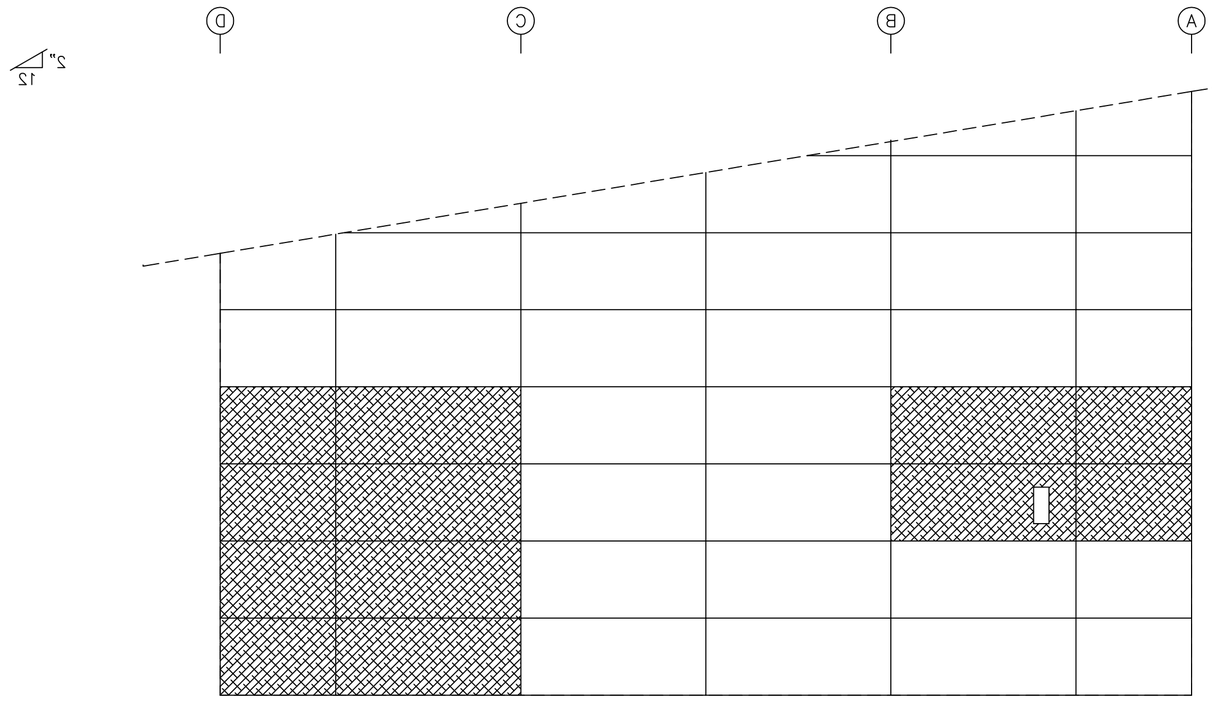
RYAN BIGGS CLARK DAVIS

PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024



ENDWALL FRAMING: FRAME LINE 7



AWIP DM40 Wall Panel Type 1

AWIP ST40 Wall Panel Type 2

ENDWALL SHEETING & TRIM: FRAME LINE 7

TRIM TABLE
FRAME LINE 7

◇ID	QUAN	PART	LENGTH	DETAIL
1	5	PT-01C	8'-7"	TRIM_143
2	5	ST-01RC	8'-7"	TRIM_106

BOLT TABLE
FRAME LINE 7

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-3/ER-4	8	A325	5/8"	1 3/4"
Columns/Raf	4	A325	1/2"	1 1/4"

SUPPORT BEAM BOLT TABLE
FRAME LINE 7

□ID	QUAN	TYPE	DIA	LENGTH
9	6	A325	5/8"	1 1/2"

COLUMN BOLT TABLE
FRAME LINE 7

□ID	QUAN	TYPE	DIA	LENGTH
9	2	A325	5/8"	1 1/2"

FLANGE BRACE TABLE
FRAME LINE 7

▽ID	MARK	LENGTH
1	FB1A	1'-3 1/4"

MEMBER TABLE
FRAME LINE 7

MARK	PART
EB-2	W08542
EB-6	W08542
EC-5	W08542
EC-6	W08542
EC-7	W08542
EC-8	W08542
ER-3	W08542
ER-4	W08542
DJ-1	8X25C14
DH-2	8x25c16
DS-2	8x25c16
G-1	8x25Z16
G-1X	8x25C16
G-2	8x25Z16
G-3	8x25Z16
CB-1	BR1/2
CB-2	BR1/2
CB-3	BR1/2
MB-7	W08542
MB-8	W08542
SJ-3	8x25C16
SX-1	2x4x16GA
SJ-7	8x25C16
SJ-8	8x25C16
SJ-9	8x25C16

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D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	ENDWALL FRAMING & SHEETING ELEVATION
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E7 of E9

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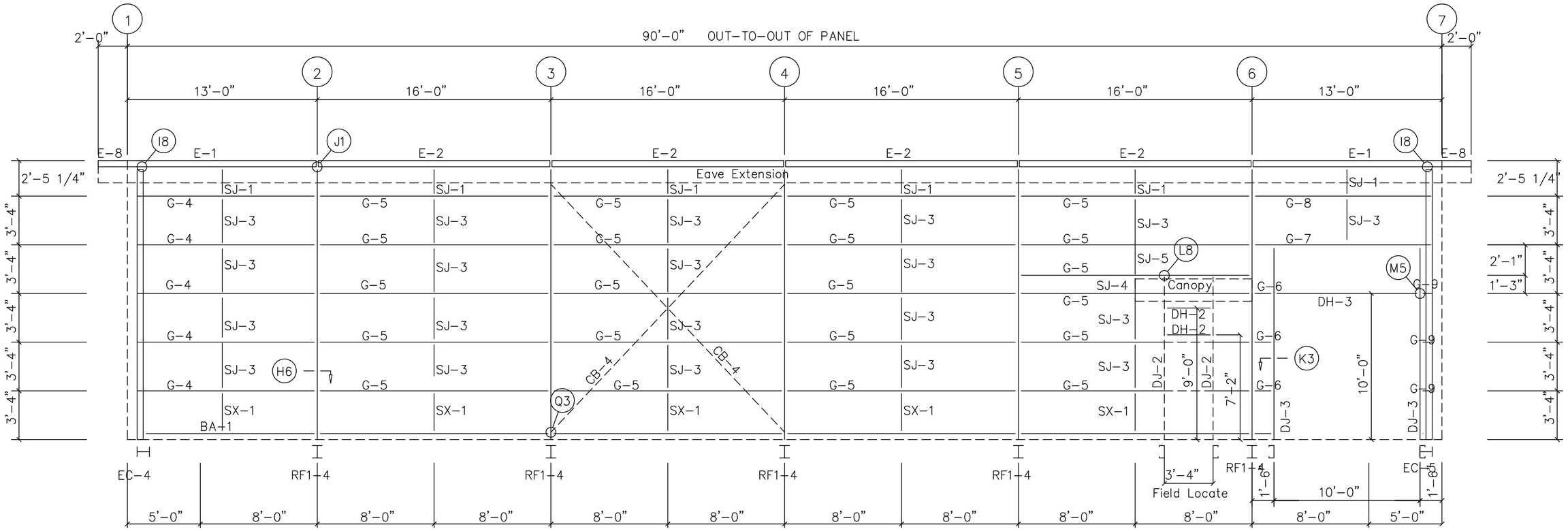
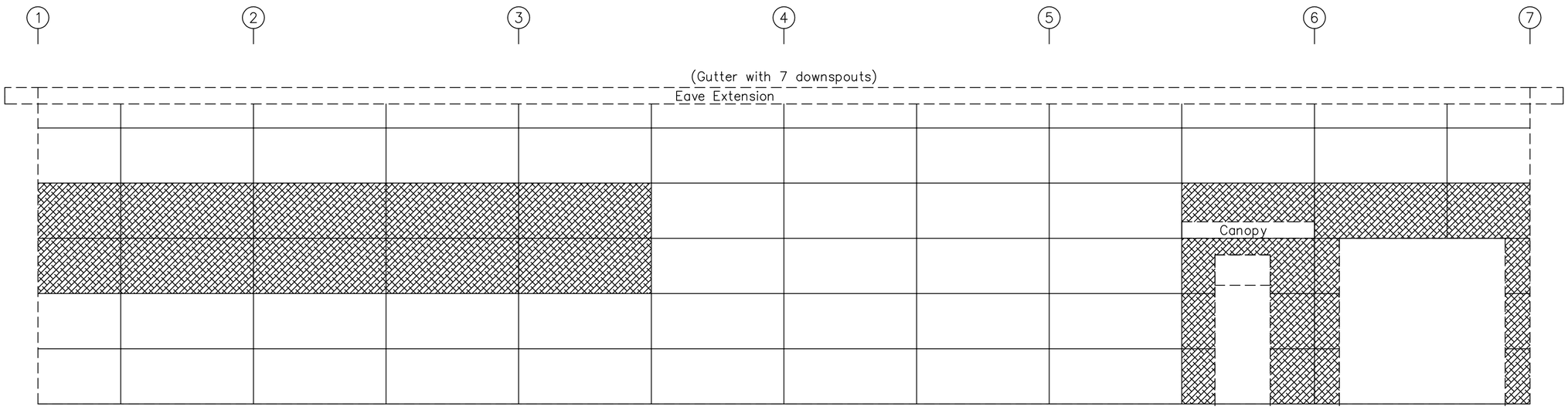
MEMBER TABLE FRAME LINE A	
MARK	PART
DJ-2	8X25C14
DJ-3	8X25C14
DH-2	8x25c16
DH-3	8x25c16
E-1	E085342L
E-2	E085342L
E-8	E085342L
G-4	8x25Z16
G-5	8x25Z16
G-6	8x25Z16
G-7	8x25Z16
G-8	8x25Z16
G-9	8x25Z16
CB-4	BR1
SJ-3	8x25C16
SX-1	2x4x16GA
SJ-1	8x25C16
SJ-4	8x25C16
SJ-5	8x25C16



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D

AWIP DM40 Wall Panel Type 1

AWIP ST40 Wall Panel Type 2

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
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C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	SIDEWALL FRAMING & SHEETING ELEVATION
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E8 of E9

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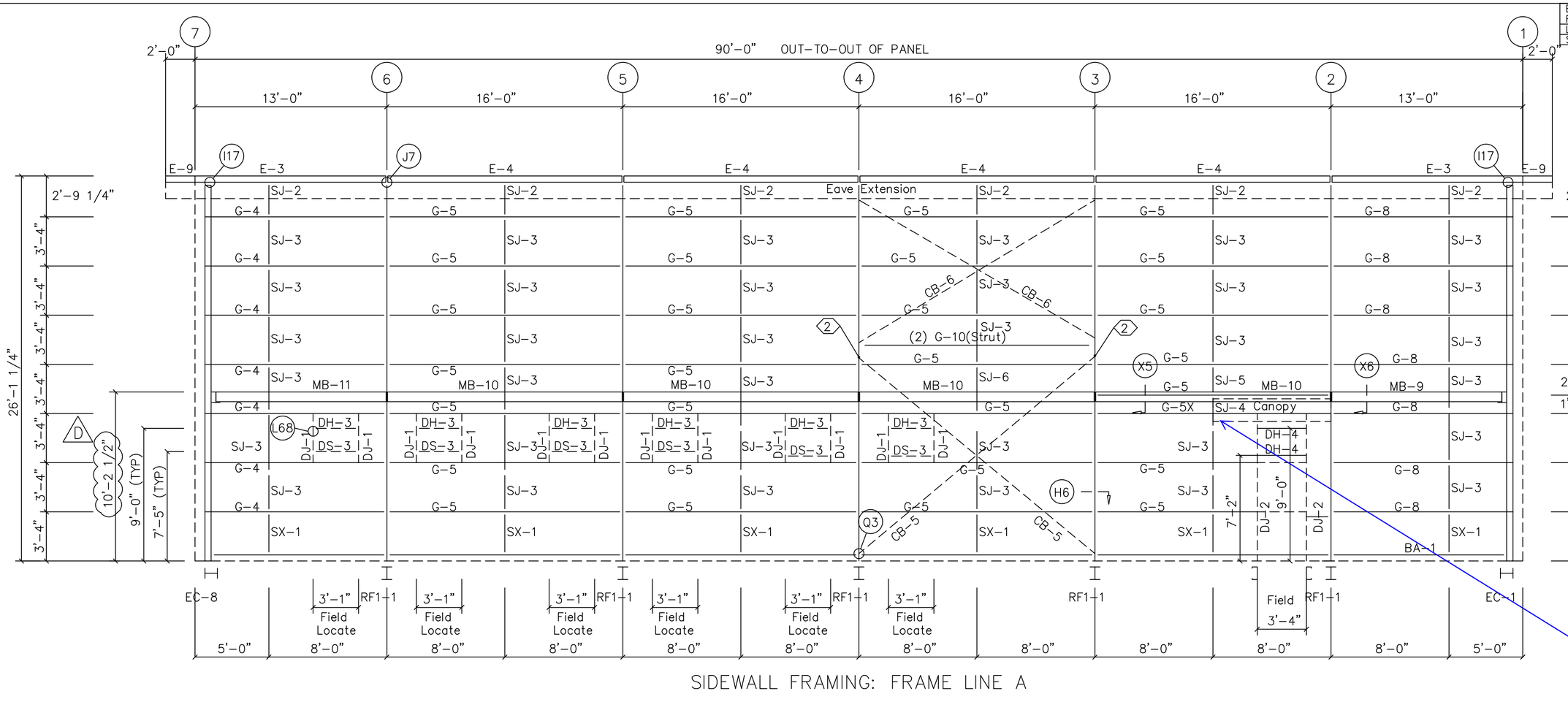
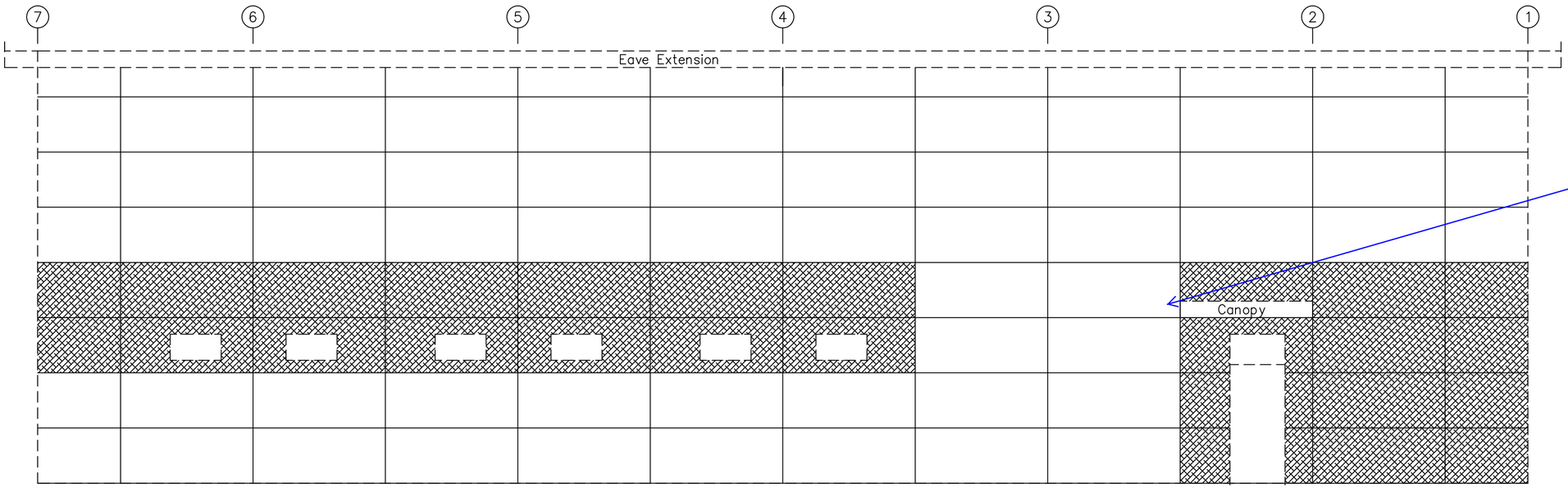
BY: PAR DATE: 2-22-2024



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

AWIP DM40 Wall Panel Type 1

AWIP ST40 Wall Panel Type 2

Detail shows a steel outrigger bolted to frame column to support the canopy. For the condition at Grid 2 that works but what is proposed to support the outrigger at this end of the canopy?

Contractor to coordinate with design team prior to fabrication.

BOLT TABLE
FRAME LINE D

LOCATION	QUAN	TYPE	DIA	LENGTH
Strut	4	A325	1/2"	1 1/4"

PERIMETER BEAM BOLT TABLE
FRAME LINE D

ID	QUAN	TYPE	DIA	LENGTH	QUAN
15	6	A325	5/8"	1 1/2"	24

SPECIAL BOLTS

ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	1 1/4"	0

CONNECTION PLATES
FRAME LINE D

ID	QUAN	MARK/PART
13	6	J3
14	6	J4

MEMBER TABLE
FRAME LINE D

MARK	PART
DJ-5	8X25C14
DJ-6	8X25C14
DH-2	8X25C16
DH-3	8X25C16
DH-4	8X25C16
DH-5	8X25C16
DS-3	8X25C16
E-3	E085342H
E-4	E085342H
E-9	E085342H
G-9	8x25Z16
G-10	8x25Z16
G-11	8x25Z16
G-12	8x30Z12
CB-5	BR1
CB-6	BR1
MB-7	W8x10
MB-8	W8x10
MB-9	W8x10
SJ-3	8x25C16
SJ-7	8x25C16
SJ-9	8x25C16
SJ-10	8x25C16
SJ-2	8x25C16
SJ-11	8x25C16
SJ-12	8x25C16

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D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	SIDEWALL FRAMING & SHEETING ELEVATION
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# E9 of E9

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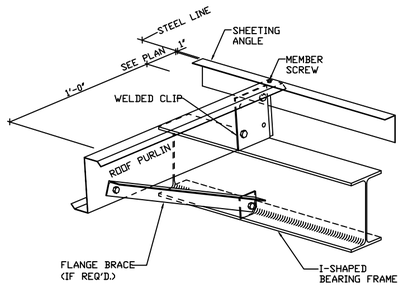
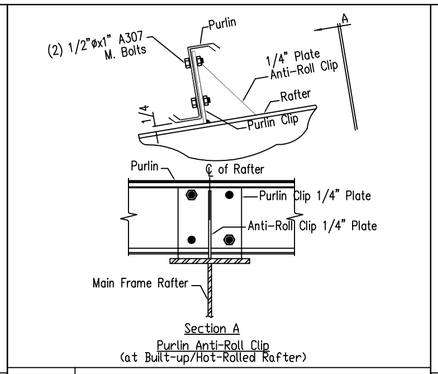
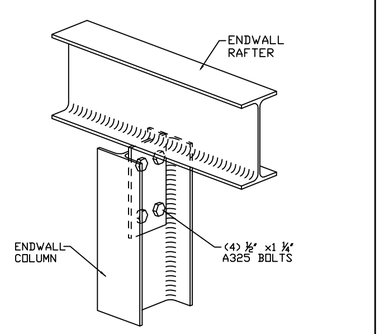


A7 BEARING FRAME ENDWALL SECTION

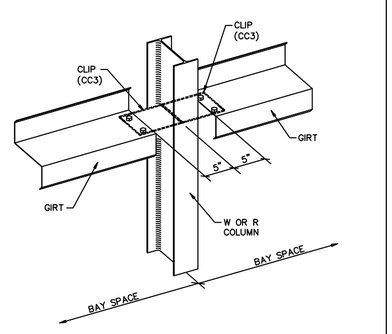
ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



AR01B ANTI-ROLL CLIP AT MAIN FRAME

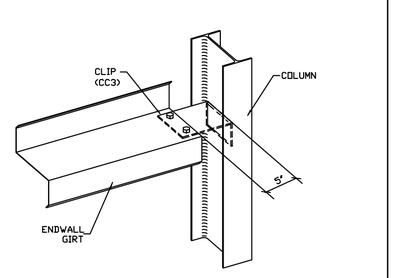


B6 ENDWALL RAFTER TO COLUMN



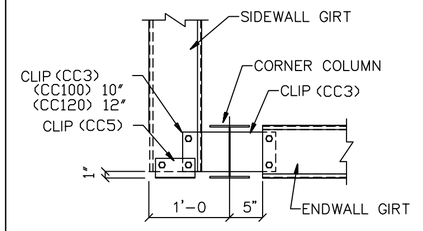
C6 GIRT TO W OR R COLUMN

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



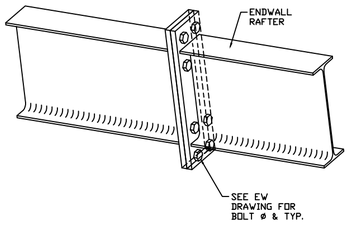
C15 GIRT / HEADER BEAM TO R/W COLUMN

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



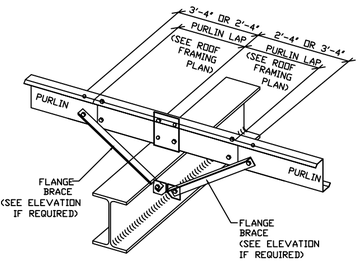
D6 R OR W CORNER COLUMN TO WALL GIRT

ALL BOLTS ARE ½"ø x1" MACHINE BOLTS U.N.



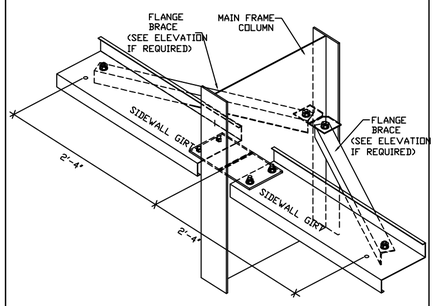
F9 RAFTER SPLICE ALONG SURFACE

SEE ENDWALL DRAWING FOR BOLT DIA AND TYPE.



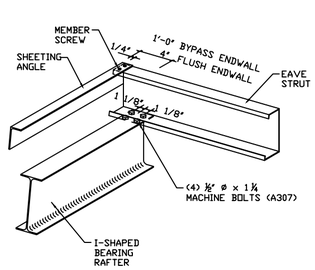
G2 BY-PASS PURLIN TO RAFTER DETAIL

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



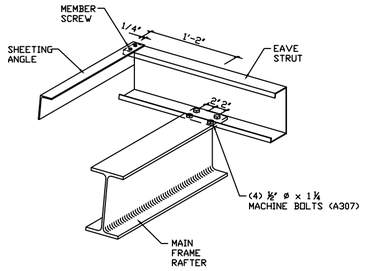
H6 MAIN FRAME INTERIOR COLUMN FLUSH GIRTS

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



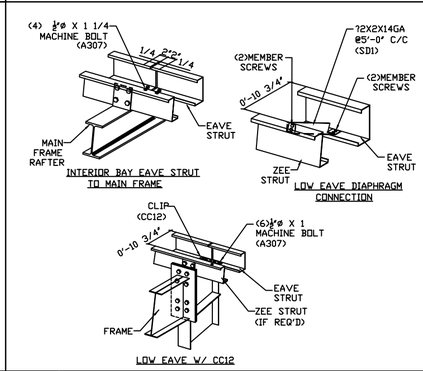
I8 END BAY EAVE STRUT TO BEARING FRAME ENDWALL

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



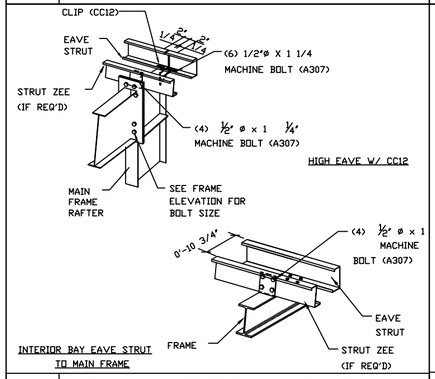
I17 END BAY EAVE STRUT TO MAIN FRAME ENDWALL

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



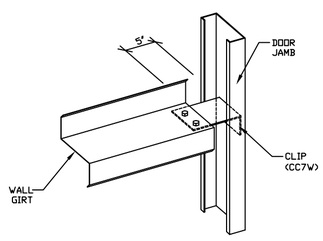
J1 LOW EAVE DETAIL (FLUSH CONDITION)

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



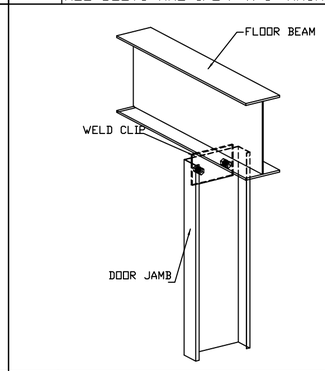
J7 HIGH EAVE DETAIL (FLUSH CONDITION)

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.



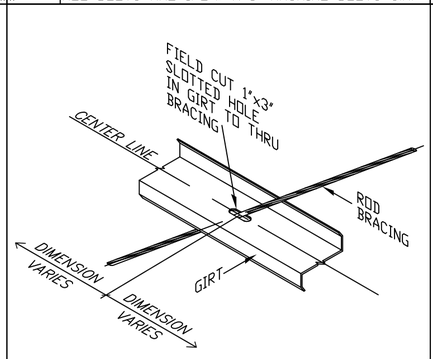
K3 WALL GIRT TO DOOR JAMB

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.

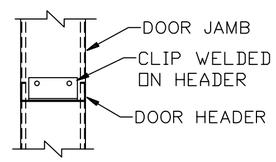


L68 DOOR JAMB TO FLOOR BEAM

ALL BOLTS ARE 1/2"ø x 1" MACHINE BOLTS U.N.

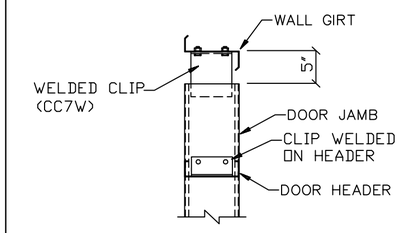


Q3A ROD BRACING THRU GIRT



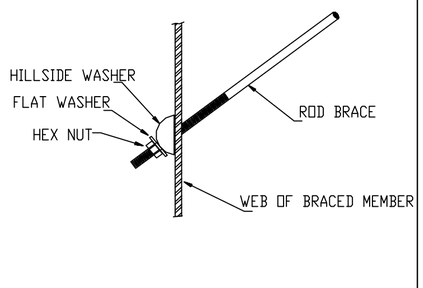
M5 HEADER TO C JAMB

ALL BOLTS ARE ½"øx1" MACHINE BOLTS U.N.



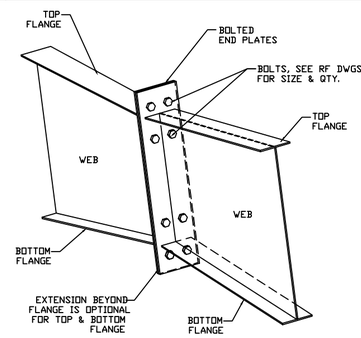
L8 DOOR JAMB TO WALL GIRT WELDED CLIPS

ALL BOLTS ARE ½"øx1" MACHINE BOLTS U.N.

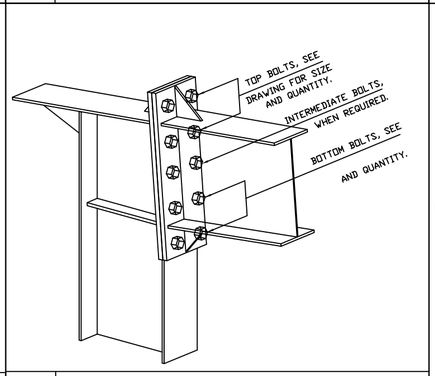


Q3 ROD BRACE TO WEB CONNECTION

NOTE! USE A BACKUP PLATE UNDER THE HILLSIDE WASHER FOR COLD FORM MEMBERS

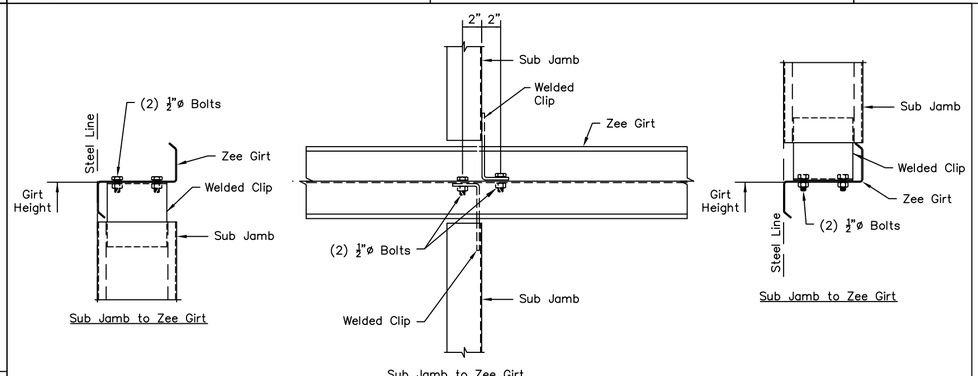


U1 BOLTED ENDPLATE RAFTER SPLICE



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

SEE SPLICE PLATE & BOLT TABLE



TYPICAL SUB JAMB TO ZEE GIRT CONNECTION

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
B	PERMIT	11.07.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	DETAIL DRAWINGS
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# S1 of S2

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT THE ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY THE FABRICATOR IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL AND MECHANICAL SYSTEMS AND / OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN THE FABRICATOR ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

STATE OF NEW YORK
COLEMAN D. LARSEN
092923
LICENSED PROFESSIONAL ENGINEER
02/09/24

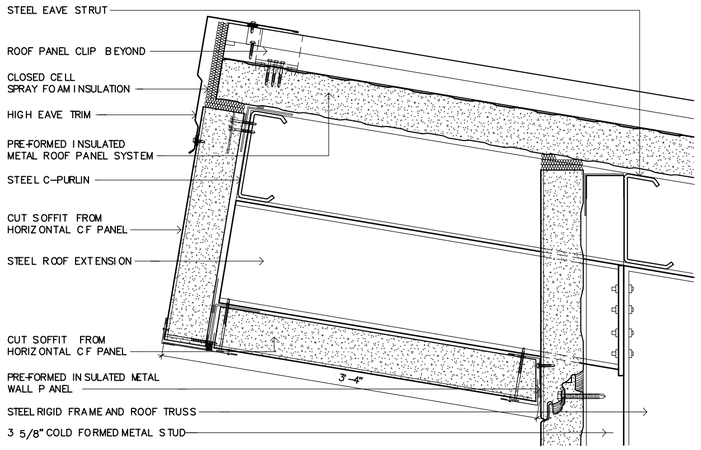
CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, WHICH SHALL BE CONFIRMED AND CORRECTED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATIFACTORY PERFORMANCE OF THEIR WORK.

RYAN BIGGS|CLARK DAVIS ENGINEERING & SURVEYING, DPC

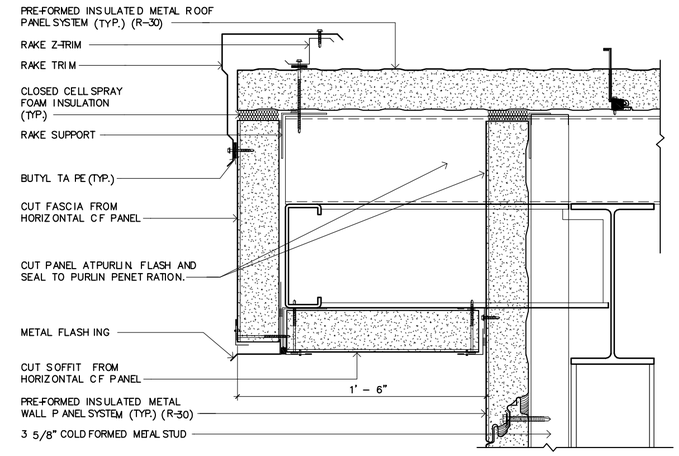
- [x] NO EXCEPTION TAKEN
- [ ] MAKE CORRECTIONS NOTED
- [ ] REVISE & RESUBMIT
- [ ] REJECTED
- [ ] FOR INFORMATION ONLY

PROJECT NUMBER: 11267-5

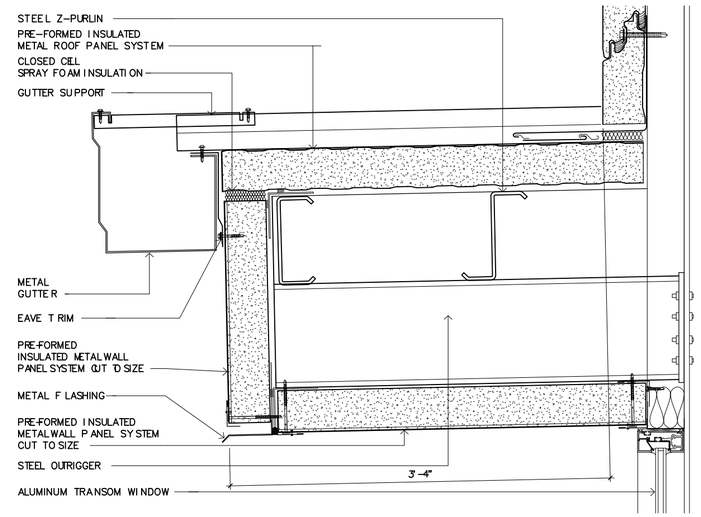
BY: PAR DATE: 2-22-2024



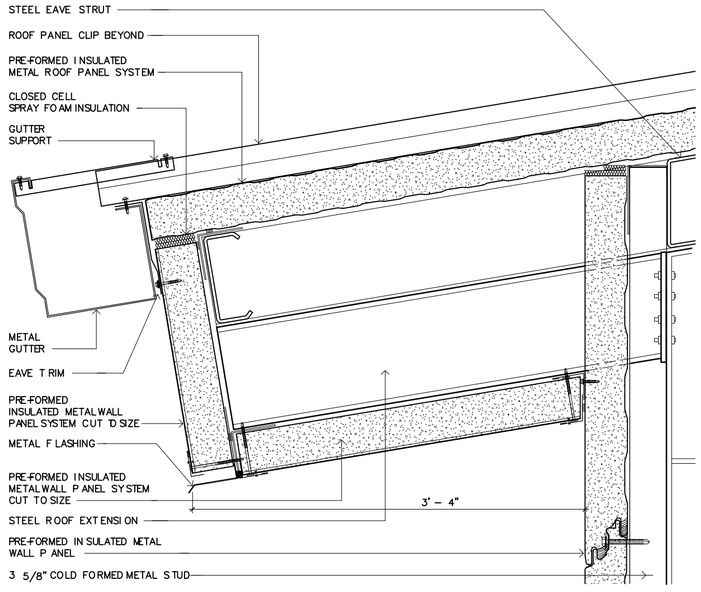
TRIM 101 TYPICAL EAVE DETAIL @ HIGH EAVE



TRIM 103 TYPICAL EXTENSION RAKE DETAIL



TRIM 104 SECTION DETAIL @ DOOR CANOPYSM



TRIM 102 TYPICAL EAVE DETAIL @ GUTTER

ISSUE	DESCRIPTION	DATE	DRN	CHK	DES
A	PERMIT	9.12.2023	BCG	RES	GFA
B	PERMIT	11.07.2023	BCG	RES	GFA
C	PERMIT	1.10.2024	BCG	RES	GFA
D	PERMIT	02.08.2024	BCG	RES	GFA

PATRIOT STEEL
American Made Steel

DESCRIPTION	DETAIL DRAWINGS
BUYER / CUSTOMER	Bronx Psychiatric Center
END USER	Bronx Psychiatric Center
END USE	Medical
STREET	1500 Waters Place
CITY, STATE, ZIP	Bronx, NY 10461
COUNTY	BRONX
JOB# 112530	SCALE N.T.S. DWG# S2 of S2

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT THE ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY THE FABRICATOR IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL AND MECHANICAL SYSTEMS AND / OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN THE FABRICATOR ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

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RYAN BIGGS|CLARK DAVIS ENGINEERING & SURVEYING, DPC

- ■ NO EXCEPTION TAKEN
- ☐ MAKE CORRECTIONS NOTED
- ☐ REVISE & RESUBMIT
- ☐ REJECTED
- ☐ FOR INFORMATION ONLY

RYAN BIGGS CLARK DAVIS

PROJECT NUMBER: 11267-5

BY: PAR DATE: 2-22-2024

STATE OF NEW YORK
COLEMAN D. LARSEN
092923
LICENSED PROFESSIONAL ENGINEER
02/09/24

Q1954-C APPENDIX:

PATRIOT STEEL PARTS LIST OF STEEL FRAMING AND CONNECTING ELEMENTS

WELCOME TO THE US PATRIOT STEEL FAMILY!

US Patriot Steel

1001 West Cypress Creek Rd Suite 401 Fort Lauderdale, FL 33309
888-692-3999
Customerservice@uspatriotsteel.com

NOTE TO CONTRACTOR:
BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING IS SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE AND LOCATED AT 1500 WATERS PLACE, BRONX, NY 10461. SEE 133419-001-3 SHOP DRAWINGS DATED 2-23-2024 AND PATRIOT STEEL PARTS LIST OF STEEL FRAMING AND CONNECTING ELEMENTS FOR EXTENT OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS LOCATED IN THE APPENDICES OF THE PROJECT MANUAL.

1. BUILDING PRIMARY AND EXTERIOR CLADDING SUPPORT STEEL FRAMING SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE IS NOT IN CONTRACT AND SHALL NOT BE INCLUDED IN THE BID.
2. MEZZANINE FRAMING IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
3. MEZZANINE SLAB IS NOT PROVIDED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
4. ERECTION OF DIRECTOR'S REPRESENTATIVE SUPPLIED ITEMS IS NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE, IS IN CONTRACT, AND SHALL BE INCLUDED IN THE BID.
5. COMPONENTS OF THE PEMB SYSTEM NOT SUPPLIED BY THE DIRECTOR'S REPRESENTATIVE SHALL BE INCLUDED IN THE BID.
6. CONTRACTOR SHALL COORDINATE PEMB SYSTEMS FOR THE PROVISION OF A COMPLETE BUILDING PACKAGE.

Customer Information		Mailing Address		Jobsite Address	
Buyer:	Apollon - Bronx Psychiatric Center	Address:	24-57 49th Street Suite 205	Address:	1500 Waters Place
Contact:		City:	Astoria	City:	Bronx
Phone:	718-728-8000	State:	NY	State:	NY
Email:		Zip:	11103	Zip:	10461

Dimensions		Building Codes			
Width:	42	Bldg Code:	NYBC 20	Building Use:	
Length:	90	Wind Rating:	115 MPH	Live Load:	20 PSF
Eave Ht:	26	Wind Exposure:	B	Collateral Load:	Calc
Roof Slope:	2:12 Single Slope	Ground Snow:	25 PSF	Seismic Coefficient:	Calc
		Roof Snow:	20 PSF	IBC Occupancy:	Normal
		Open/Encl/Partial:			

Sidewall Bay Spacing	Left Endwall / EWB Bayspacing	Right Endwall / EWD Bayspacing
Calc	Most Econ	Most Econ

Sidewall Frame Type	Left Endwall / EWB Frame Type	Right Endwall / EWD Frame Type
Clear Span Rigid Frame	Post and Beam	Post and Beam

Sidewall Bracing		Endwall Bracing	
Front Sidewall/SWA:	Rod	Left Endwall/EWB:	Rod
Back Sidewall/SWC:	Cable	Right Endwall/EWD:	Cable

Sheeting and Trim Type		Sheeting and Trim Color		Roof and Wall Options	
Wall Type:	No Sheeting	Wall Color:	N/A	Roof LTP:	NA
Roof Type:	No Sheeting	Roof Color:	N/A	Wall LTP:	NA
Eave Cond:	Eave Trim	Trim Color:	N/A	Vents:	NA
Base Cond:	Angle with Trim	Wainscot Height:	NA	Overhangs:	NA

Insulation		Framed Openings		Doors	
Wall Insulation:	NA	Quantity:	Size:	Quantity:	Size:
Roof Insulation:	NA				

Building B

Width	Length	Height	Roof Slope	Open/Enclosed

Building C

Width	Length	Height	Roof Slope	Open/Enclosed

Mezzanine

Width	Length	Height	Load Rating	Column Spacing

Other Accessories

Additional Notes

The customer has 18 months to accept the delivery of the building. After 18 months additional fees may be applied. Building collateral load is designed for PBR sheeting. If other panels are used an additional fee will be applied. The building has no mezzanine support if mezzanine support is needed an additional fee be applied. The customer has unlimited access to the Project Manager. The Project Manager duties are to help with the design of the building source out contractors to erect the building and any other assist needed to complete the building.

Delivery and Payment Details

Delivery Address

Street	**1500 Waters Place**
City	**Bronx**
State	**NY**
Zip	**10461**

Estimated Delivery Time
(From customer final fabrication Approval)

Payment Made Via

Building Price:	**$150000.00**
Freight:	**Included**
Total Purchase Price:	**$150000.00**

Engineering Deposit:	**$Paid In Full**
Final Fabrication Payment::	**$Paid In Full**
Two Week Delivery Balance:	**$Paid In Full**

Buyer: **Apollon - Bronx Psychiatric Center**

Dated: **07/16/2024**

Buyer's Signature: _____

Seller's Sales Representative:

Seller: **US Patriot Steel**

Its Authorized Officer: _____

Terms & Conditions – US Patriot Steel

By signing this agreement Buyer agrees they have read, understood, and accepted the Terms and Conditions.

1. **Scope.** Buyer is not ordering an erected or completed building. Buyer's building project may involve numerous aspects that are not provided by Seller, including but not limited to interior design; foundation; concrete systems such as plumbing, heating, and electrical; not included on this Agreement. These items may or may not be necessary for Buyer's specific project but may add expense to Buyer's project. Buyer acknowledges that Seller has offered pre-construction design and planning services to Buyer through U.S Patriot Steel LLC.

2. **No Responsibility for Erection.** Seller shall have no responsibility whatsoever for the erection of the building under this Agreement. Buyer shall hold Seller harmless and indemnify Seller with respect to damages arising out of erecting the structure(s). Seller shall have no responsibility for the work or actions of any third party contractor hired by Buyer to do any work related to erection of the structure(s), regardless of whether Seller provided Buyer with a referral to such third-party contractor. Buyer agrees to perform their own due diligence into the background, integrity, character, and qualifications of any contractor referral received from Seller.

3. **CANCELLATION.** Buyer has 3 calendar days, from date of agreement, to rescind this agreement. Buyer agrees that all deposits made to Seller are nonrefundable after the rescission period. In some cases, the cancellation period may be extended in writing above. If so item 3 is null and void.

4. **Buyer's Duties Upon Delivery.** Buyer shall be responsible for unloading all building materials upon delivery, by providing all equipment and labor necessary to unload the building material. Any delays of delivery will result in storage fees unless otherwise stated in this agreement.

4.**Arbitration:** All disputes arising out of or relating to this agreement shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The arbitration shall take place in Broward County, Florida, and the laws of the State of Florida shall govern the arbitration proceedings.

5.**Warranty.** Buyer hereby acknowledges receipt of Seller's 60 Year Warranty. Seller's 60 Year Warranty IS PROVIDED EXPRESSLY AND IN PLACE OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FORA PARTICULAR PURPOSE. Buyer's exclusive remedies shall be those afforded under the 60 Year Warranty. Under no circumstances shall Seller be liable to Buyer or any other person for any special, incidental, or consequential damages, including without limitation, damages based on , lost sales or profits, work stoppage, impairment of other goods, personal injury, property damage, regardless of the legal theory under which such claim or damages may be asserted.

6.**Entire Agreement.** This is the entire agreement of both parties, subject to modification only by written change order or purchase orders signed by Buyer and Seller. If any part of this Agreement is invalid, unlawful or incapable of being enforced, it shall be severed, and the remaining provisions given full force and effect. There have been no verbal promises, representations, or discussions of any kind by either party. Buyer has satisfied itself that all promises, representations, and discussions that will bind Seller have been written into this Agreement and agreed to by Seller in writing.

Buyer's Signature: _____

1 RIGID & ENDWALL FRAME MEMBERS:

Quan	Mark	Description	Part	Punch	Length	Total Weight	Price
5	RF1-1	RF Column			25'03-09"	2496.5	$8,000.00
5	RF1-2	RF Rafter			23'08-09"	2221.0	$1,463.00
5	RF1-3	RF Rafter			14'07-12"	1479.5	$683.00
5	RF1-4	RF Column			18'06-04"	1984.0	$3,440.00
1	EB-1	Ext Beam	8x30C14		6'06-13"	22.8	$413.00
2	EB-2	Ext Beam	W08542		4'04-12"	107.2	$680.00
5	EB-3	Ext Beam	W08542		4'04-12"	268.0	$1,700.00
1	EB-4	Ext Beam	8x30C14		6'06-13"	22.8	$413.00
1	EB-5	Ext Beam	8x30C14		7'11-06"	27.6	$474.00
2	EB-6	Ext Beam	W08542		4'04-13"	107.2	$684.00
5	EB-7	Ext Beam	W08542		4'04-13"	268.0	$1,710.00
1	EB-8	Ext Beam	8x30C14		7'11-06"	27.6	$474.00
2	EB-9	Ext Beam	8x30C14		3'00-04"	48.0	$570.00
2	EB-10	Ext Beam	8x30C14		3'00-04"	48.0	$570.00
1	EC-1	EW Column	W08542		24'04-14"	344.2	$1,483.00
1	EC-2	EW Column	W08542		22'05-00"	306.5	$1,274.00
1	EC-3	EW Column	W08542		19'09-00"	269.7	$952.00
1	EC-4	EW Column	W08542		17'09-11"	254.2	$776.00
1	EC-5	EW Column	W08542		17'09-11"	254.2	$776.00
1	EC-6	EW Column	W08542		19'09-00"	269.7	$952.00
1	EC-7	EW Column	W08542		22'05-00"	306.5	$1,274.00
1	EC-8	EW Column	W08542		24'04-14"	344.2	$1,483.00
1	ER-1	EW Rafter	W08542		16'08-12"	235.6	$684.00
1	ER-2	EW Rafter	W08542		25'02-02"	344.4	$1,580.00
1	ER-3	EW Rafter	W08542		25'02-02"	344.4	$1,580.00
1	ER-4	EW Rafter	W08542		16'08-12"	235.6	$684.00

J-112530-RB 2.DOOR JAMBS & HEADERS:

Quan	Mark	Description	Part	Punch/ Color	Length	Total Weight	Price
16	DJ-1	Door Jamb	8X25C14		3'00-00"	252.7	
		Base Clip:					
		Loc= -5-00"					
			Ang=90.000, Clip Type= v, Thick= 0-04"				
			A= 0-14" B= 4-00" C= 0-14" D= 2-00"				
			E= 5-00" F= 0-09" G= 0-00"				
			WebCut= 0-00", FlgCut= 0-00"				
		Cap Clip:					
		Loc= 2'07-00"					
			Ang=90.000, Clip Type= v, Thick= 0-04"				
			A= 0-14" B= 4-00" C= 0-14" D= 2-00"				
			E= 5-00" F= 0-09" G= 0-00"				
			WebCut= 0-00", FlgCut= 0-00"				
		Head Clip:					
		Loc= 0-00" 1'07-00"					
			Ang=0.0000, Clip Type= y, Thick= 0-04"				
			A= 0-14" B= 4-00" C= 0-14" D= 2-00"				
			WebCut= 0-00", FlgCut= 0-00"				
4	DJ-2	Door Jamb	8X25C14		9'00-00"	148.8	
		Base Plate:					
		Loc= 0-00"					
			Ang=0.0000, Clip Type= z, Thick= 0-06"				
			A= 1-12" B= 0-00" C= 2-00" D= 4-00"				
			E= 2-00" F= 0-13" G= 0-00"				
			WebCut= 0-00", FlgCut= 0-00"				
		Cap Clip:					
		Loc= 8'11-10"					
			Ang=90.000, Clip Type= v, Thick= 0-04"				
			A= 0-14" B= 4-00" C= 0-14" D= 2-00"				
			E= 5-00" F= 0-09" G= 0-00"				
			WebCut= 0-00", FlgCut= 0-00"				
		Head Clip:					
		Loc= 7'01-10"					
			Ang=0.0000, Clip Type= y, Thick= 0-04"				
			A= 0-14" B= 4-00" C= 0-14" D= 2-00"				
			WebCut= 0-00", FlgCut= 0-00"				
		Girt Clip: CC7W					
		Loc= 2'11-10" 5'11-10"					
2	DJ-3	Door Jamb	8X25C14		12'00-00"	96.4	
		Base Plate:					
		Loc= 0-00"					
			Ang=0.0000, Clip Type= z, Thick= 0-06"				
			A= 1-12" B= 0-00" C= 2-00" D= 4-00"				

E= 2-00" F= 0-13" G= 0-10"
WebCut= 0-00", FlgCut= 0-00"

Cap Clip: $21.00
Loc= 11'11-10"
Ang=90.000, Clip Type= v, Thick= 0-04"
A= 0-14" B= 4-00" C= 0-14" D= 2-00"
E= 5-00" F= 0-09" G= 0-00"
WebCut= 0-00", FlgCut= 0-00"

Head Clip: $17.52
Loc= 9'11-10"
Ang=0.0000, Clip Type= y, Thick= 0-04"
A= 0-14" B= 4-00" C= 0-14" D= 2-00"
WebCut= 0-00", FlgCut= 0-00"

Girt Clip: CC7W $9.20
Loc= 2'11-10" 5'11-10" 8'11-10"

1	DH-1	Door Header	8x25c16	DH -DH	4'10-00"	13.3	$297.00
2	DH-2	Door Header	8x25c16	DH -DH	3'04-00"	18.3	$388.00
1	DH-3	Door Header	8x25c16	DH -DH	10'00-00"	27.4	$885.00
1	DH-4	Door Header	8x25c16	DH -DH	8-00"	1.8	$54.00
6	DH-5	Door Header	8x25c16	DH -DH	3'01-00"	50.6	$2,046.00
1	DS-1	Door Sill	8x25c16	DH -DH	4'10-00"	13.3	$148.00
1	DS-2	Door Sill	8x25c16	DH -DH	8-00"	1.8	$48.00
6	DS-3	Door Sill	8x25c16	DH -DH	3'01-00"	50.6	$128.00

J-112530-RB 3.PURLINS, EAVE STRUTS, WALL GIRTS:

Quan	Mark	Description	Part	Pitch	Punch	Length	Total Weight	Price
8	P-1	Roof Purlin	8x25Z16		C-H	16'00-00"	350.7	$612.00
		Web=	5'01-00"	6'01-00"	12'01-00"	12'11-00"	13'03-00"	
32	P-2	Roof Purlin	8x25Z16		C-C	18'02-00"	1592.9	$1,888.00
		Web=	5'01-00"	6'01-00"	12'01-00"	13'01-00"		
8	P-3	Roof Purlin	8x25Z16		H-C	16'00-00"	350.7	$612.00
		Web=	2'09-00"	3'01-00"	3'11-00"	9'11-00"	10'11-00"	
2	P-4	Roof Purlin	8x25C16		H-H	15'02-00"	83.1	$196.00
2	E-1	Eave Strut	E085342L	2.00	H-H	11'02-00"	93.8	$154.00
4	E-2	Eave Strut	E085342L	2.00	H-H	15'02-00"	254.8	$392.00
2	E-3	Eave Strut	E085342H	-2.00	H-H	11'02-00"	93.8	$308.00
4	E-4	Eave Strut	E085342H	-2.00	H-H	15'02-00"	254.8	$392.00
4	E-5	Eave Strut	8x25C16		H-H	14'06-12"	159.6	$348.00
		Web=	11'05-00"					
8	E-6	Eave Strut	8x25C16		H-H	15'02-00"	332.5	$784.00
2	E-7	Eave Strut	8x25C16		-	15'02-00"	83.1	$196.00
2	E-8	Eave Strut	E085342L	2.00	H-H	2'02-00"	18.2	$270.00
2	E-9	Eave Strut	E085342H	-2.00	H-H	2'02-00"	18.2	$270.00
14	G-1	Wall Girt	8x25Z16		H-H	11'01-00"	425.2	$1,670.90
12	G-2	Wall Girt	8x25Z16		H-H	15'02-00"	498.7	$1,779.00
10	G-3	Wall Girt	8x25Z16		H-H	10'10-00"	296.8	$1,085.00
13	G-4	Wall Girt	8x25Z16		??-H	12'02-00"	433.4	$1,692.60
		Web=	5-00"	10'03-00"				
54	G-5	Wall Girt	8x25Z16		H-H	15'02-00"	2244.1	$8,005.50
		Web=	1'11-00"	13'03-00"				
3	G-6	Wall Girt	8x25Z16		H-H	8-00"	5.5	$207.00
1	G-7	Wall Girt	8x25Z16		H-??	12'02-00"	33.3	$130.20
		Web=	11-00"	1'11-00"	11'03-00"	11'09-00"		
9	G-8	Wall Girt	8x25Z16		H-??	12'02-00"	300.0	$1,171.80
		Web=	1'11-00"	11'09-00"				
3	G-9	Wall Girt	8x25Z16		H-??	8-00"	5.5	$207.00

```
                    Web=     3-00"
  2 G-10   Wall Girt       8x30Z12            H-H 15'02-00"    156.5
                    Web=  1'11-00" 13'03-00"
```

5.CONNECTION PLATES:

Quan	Mark	Description Part	Dwg	Ang	Thick	Width	Length	Total Weight	Price
4	d1	Beam-Prl Pl CC7	SP4	90	0.188	5-12"	7-00"	5.1	$276.00
32	d2	Beam-Eave P CC7	SP4	90	0.188	5-12"	7-00"	40.6	$9,184.00
4	d3	Beam-Prl Pl	SP4	90	0.188	5-12"	4-12"	5.8	$256.00
		A= 0-14" B= 4-00" C= 0-14" D= 4-00"							
		E= 1-00" F= 2-00"							
4	e1	Beam-Eave P	SP5	90	0.188	5-12"	7-06"	9.0	$1,380.00
		A= 0-14" B= 4-00" C= 0-14" D= 4-00"							
		E= 0-14" F= 4-12"							
2	e2	Beam-Eave P	SP5	-90	0.188	5-12"	8-02"	5.0	$714.00
		A= 0-14" B= 4-00" C= 1-14" D= 3-00"							
		E= 1-10" F= 4-12"							
10	e3	Beam-Eave P	SP5	90	0.188	5-12"	12-02"	37.1	$3,600.00
		A= 0-14" B= 4-00" C= 1-14" D= 3-00"							
		E= 5-10" F= 4-12"							
10	e4	Beam-Eave P	SP5	-90	0.188	5-12"	12-02"	37.1	$3,600.00
		A= 0-14" B= 4-00" C= 1-14" D= 3-00"							
		E= 5-10" F= 4-12"							
2	e5	Beam-Eave P	SP5	90	0.188	5-12"	8-02"	5.0	$714.00
		A= 0-14" B= 4-00" C= 1-14" D= 3-00"							
		E= 1-10" F= 4-12"							
4	e6	Beam-Eave P	SP5	90	0.188	5-12"	12-02"	14.8	$1,440.00
		A= 0-14" B= 4-00" C= 0-14" D= 4-00"							
		E= 5-10" F= 4-12"							

Colors

RO - RED OXIDE

J-112530-RB 6.ANGLES:

Quan	Mark	Description	Part	Clr	Width	Thick	Length	Total Weight	Price
6	FB1A	EW Flg Brc	2X2X14GA	RO	2-00"	0.072	1'03-04"	7.1	$588.00
5	FB5A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'06-01"	11.7	$945.00
5	FB6A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'06-11"	11.9	$1,000.00
5	FB7A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'07-07"	12.2	$965.00
5	FB8A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'08-14"	12.8	$995.00
5	FB9A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'09-01"	12.8	$930.00
5	FB10A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'09-09"	13.0	$975.00
10	FB11A	RF Flg Brc	2X2X14GA	RO	2-00"	0.072	2'09-14"	26.3	$1,890.00
13	BA-1	Base Angle	2x4x16GA	RO		0.056	20'00-00"	303.8	$2,327.00
16	SA_	Soffit Sheetin	2x4x16GA	RO		0.056	2'00-00"	40.6	$2,272.00
26	SC5	Sheeting Clip	SC5	RO		0.079	7-04"	26.0	$87.00
12	BA-4	Bridging Angle	2x2x14GA	RO	2.00	0.075	4'00-00"	66.3	$768.00
12	BA-5	Bridging Angle	2x2x14GA	RO	2.00	0.075	5'04-10"	89.2	$948.00
12	BA-5	Bridging Angle	2x2x14GA	RO	2.00	0.075	5'03-05"	87.4	$876.00
60	CLIP	GIRT CLIPS	CC7	RO	2.00	0.076	7-00"	76.2	$187.00
107	CLIP	ES CLIPS	CC13	RO	2.00	0.134	3-04"	93.1	$63.00
1009	CLIP	GIRT CLIPS	CC7	RO		0.076	7-00"	1281.4	$3,144.72
6	SJ-1	Sub Jamb	8x25C16	RO	2.00	0.056	3'04-14"	56.0	$280.00
6	SJ-2	Sub Jamb	8x25C16	RO	2.00	0.056	1'04-14"	23.1	$90.00
89	SJ-3	Sub Jamb	8x25C16	RO		0.056	3'00-00"	731.6	$3,115.00
1	SJ-3	Sub Jamb	8x25C16	RO	2.00	0.056	3'00-00"	8.2	$35.00
2	SJ-4	Sub Jamb	8x25C16	RO		0.056	2'03-00"	12.3	$58.00
2	SJ-5	Sub Jamb	8x25C16	RO		0.056	9-00"	4.1	$9.00
1	SJ-6	Sub Jamb	8x25C16	RO		0.056	2'00-00"	5.5	$20.00
2	SX-1	Sub Angles	2x4x16GA	RO	2.00	0.056	3'00-00"	16.4	$70.00
32	SX-1	Sub Angles	2x4x16GA	RO		0.056	3'00-00"	263.0	$1,120.00
2	SJ-7	Sub Jamb	8x25C16	RO		0.056	2'07-05"	14.3	$54.00
2	SJ-8	Sub Jamb	8x25C16	RO		0.056	3'02-05"	17.5	$74.00
2	SJ-9	Sub Jamb	8x25C16	RO		0.056	3'09-05"	20.7	$106.00
2	Sag St	Sag Strap	2x24GA	WH		0.024	500'00-00"	167.8	$201.00

Colors

PL - PLAIN
RO - RED OXIDE
WH - WHITE

= J-112530-RB 8.DIAGONAL BRACING & SEALANT:

Quan	Mark	Description	Part	Clr/ Dia	Thick/ FabLen	Length	Total Weight	Price
4	CB-1	EW Rod	BR1/2	0.500	14'10-00"	14'10-00"	43.2	$540.00
2	CB-2	EW Rod	BR1/2	0.500	17'09-00"	17'09-00"	25.6	$250.00
2	CB-3	EW Rod	BR1/2	0.500	19'02-00"	19'02-00"	27.6	$254.00
2	CB-4	SW Rod	BR1	1.000	24'05-00"	24'05-00"	133.8	$287.00
2	CB-5	SW Rod	BR1	1.000	19'01-00"	19'01-00"	105.2	$256.00
2	CB-6	SW Rod	BR1	1.000	22'02-00"	22'02-00"	121.8	$292.00
2	CB-7	Roof Rod	BR1/2	0.500	21'00-00"	21'00-00"	30.2	$280.00
2	CB-8	Roof Rod	BR1/2	0.500	21'06-00"	21'06-00"	30.8	$288.00
2	CB-9	Roof Rod	BR1/2	0.500	20'04-00"	20'04-00"	29.2	$262.00
28		1/2" Hillsid	HW-394	GA		0-00"	9.5	$10.08
28		1/2" Flat Wa	HW-390	PL		0-00"	1.1	$9.44
12		1" Hillside	HW-398	GA		0-00"	10.7	$5.28
12		1" Flat Wash	HW-393	GA		0-00"	1.8	$5.76

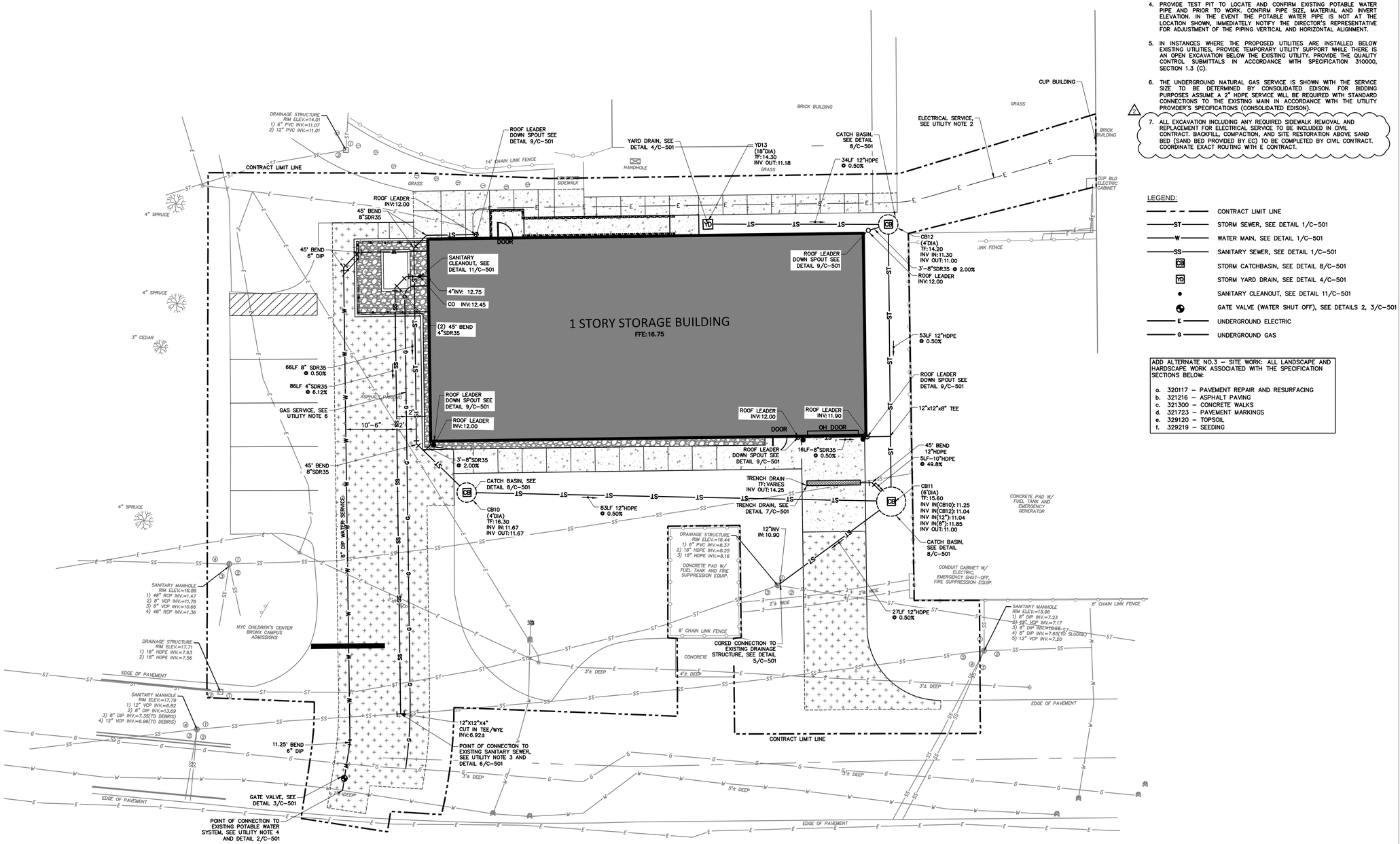
Colors

PL - PLAIN
RO - RED OXIDE

J-112530-RB 10.FASTENERS:

Quan	Mark	Description	Part	Type/ Color	Dia	Length	Total Weight	Price
1669		Bolts	HW-363	A325	0.500	1-04"	300.4	$2,470.12
79		Bolts	HW-362	A307	0.500	1-00"	7.9	$110.60
16		Bolts	HW-3545	A325	0.625	1-12"	5.5	$24.32
169		Bolts	HW-356	A307	0.500	1-04"	23.7	$250.12
146		Bolts	HW-358	A325	0.625	2-00"	53.0	$292.00
270		Bolts	HW-357	A325	0.625	1-08"	87.8	$507.60
21		Bolts	HW-359	A325	0.750	1-12"	11.3	$31.92

Freight:	$5,211.00
Enginerring / Blueprints Plans / AnchorBolts Plans :	$23,796.00
Unlimited Hours to Project Manager:	$3,000.00
Calculation Drawings:	$3,949.00



UTILITY NOTES:

1. FLUSH STORM SEWER STRUCTURES AND PIPING OF SEDIMENT THAT HAS ACCUMULATED DURING CONSTRUCTION. REMOVE SEDIMENT FROM SITE AND DISPOSE OF IN ACCORDANCE WITH NYSDEC REGULATIONS.
2. REFER TO "E" SERIES PLAN SHEETS FOR DESIGN INFORMATION.
3. PROVIDE TEST PIT TO LOCATE AND CONFIRM EXISTING SANITARY PIPE AND PRIOR TO WORK. CONFIRM PIPE SIZE, MATERIAL AND INVERT ELEVATION. IN THE EVENT THE SANITARY PIPE IS NOT AT THE LOCATION SHOWN, IMMEDIATELY NOTIFY THE DIRECTOR'S REPRESENTATIVE FOR ADJUSTMENT OF THE PIPING VERTICAL AND HORIZONTAL ALIGNMENT.
4. PROVIDE TEST PIT TO LOCATE AND CONFIRM EXISTING POTABLE WATER PIPE AND PRIOR TO WORK. CONFIRM PIPE SIZE, MATERIAL AND INVERT ELEVATION. IN THE EVENT THE POTABLE WATER PIPE IS NOT AT THE LOCATION SHOWN, IMMEDIATELY NOTIFY THE DIRECTOR'S REPRESENTATIVE FOR ADJUSTMENT OF THE PIPING VERTICAL AND HORIZONTAL ALIGNMENT.
5. IN INSTANCES WHERE THE PROPOSED UTILITIES ARE INSTALLED BELOW EXISTING UTILITIES, PROVIDE TEMPORARY UTILITY SUPPORT WHILE THERE IS AN OPEN EXCAVATION BELOW THE EXISTING UTILITY. PROVIDE THE QUALITY CONTROL SUBMITTALS IN ACCORDANCE WITH SPECIFICATION 310000, SECTION 1.3 (C).
6. THE UNDERGROUND NATURAL GAS SERVICE IS SHOWN WITH THE SERVICE SIZE TO BE DETERMINED BY CONSOLIDATED EDISON. FOR BIDDING PURPOSES ASSUME A 2" HDPE SERVICE WILL BE REQUIRED WITH STANDARD CONNECTIONS TO THE EXISTING MAIN IN ACCORDANCE WITH THE UTILITY PROVIDER'S SPECIFICATIONS (CONSOLIDATED EDISON).

2

7. ALL EXCAVATION INCLUDING ANY REQUIRED SIDEWALK REMOVAL AND REPLACEMENT FOR ELECTRICAL SERVICE TO BE INCLUDED IN CIVIL CONTRACT. BACKFILL, COMPACTION, AND SITE RESTORATION ABOVE SAND BED (SAND BED PROVIDED BY EC) TO BE COMPLETED BY CIVIL CONTRACT. COORDINATE EXACT ROUTING WITH E CONTRACT.

LEGEND:

- CONTRACT LIMIT LINE
- ST — STORM SEWER, SEE DETAIL 1/C-501
- W — WATER MAIN, SEE DETAIL 1/C-501
- SS — SANITARY SEWER, SEE DETAIL 1/C-501
- CB — STORM CATCHBASIN, SEE DETAIL 8/C-501
- YD — STORM YARD DRAIN, SEE DETAIL 4/C-501
- SANITARY CLEANOUT, SEE DETAIL 11/C-501
- GATE VALVE (WATER SHUT OFF), SEE DETAILS 2, 3/C-501
- E — UNDERGROUND ELECTRIC
- G — UNDERGROUND GAS

ADD ALTERNATE NO.3 – SITE WORK: ALL LANDSCAPE AND HARDSCAPE WORK ASSOCIATED WITH THE SPECIFICATION SECTIONS BELOW:

a. 320117 – PAVEMENT REPAIR AND RESURFACING
b. 321216 – ASPHALT PAVING
c. 321300 – CONCRETE WALKS
d. 321723 – PAVEMENT MARKINGS
e. 329120 – TOPSOIL
f. 329219 – SEEDING

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

MJ Engineering and Land Surveying, P.C.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE DRAWINGS ARE IN CONFORMANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK — MICHAEL D. PANICELLI — 074751

Registration Expires 10.31.2026

CONTRACT: CONSTRUCTION

TITLE: PROVIDE STORAGE STRUCTURE, BUILDING 38

LOCATION: BRONX PSYCHIATRIC CENTER 1500 WATERS PLACE BRONX, NEW YORK

CLIENT: OFFICE OF MENTAL HEALTH

NO.	DATE	REVISION
1	09/03/2025	ADDENDUM 2
.	06/05/2024	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	Q1954
DESIGNED BY:	DL
DRAWN BY:	AB
FIELD CHECK:	JB
APPROVED:	

SHEET TITLE: UTILITY PLAN

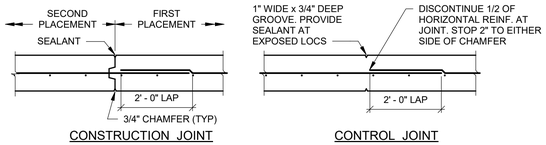
DRAWING NUMBER: C-130

SHEET: 7 OF 30

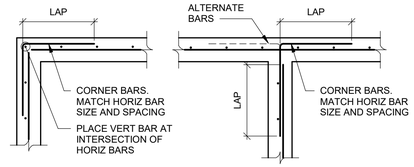
PILE CAP SCHEDULE

MARK	A	B	THICK	REINFORCEMENT		REMARKS
				BOTTOM	TOP	
PC1	3' - 0"	(= A)	3' - 0"	(6)#6 EW	-	
PC2	6' - 0"	3' - 0"	3' - 0"	(12)#6 SHORT (6)#6 LONG	-	
PC3	6' - 0" C = 2' - 0"	6' - 0" D = 2' - 0"	3' - 0"	(4)#6 3 WAYS	-	EACH SET OF BARS BARS SPACED EVENLY OVER 2' - 0"

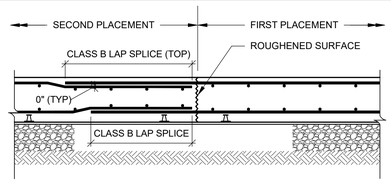
PILE CAP NOTES:
1. ALL TOP AND BOTTOM REINFORCING BARS SHALL HAVE STANDARD ACI 90° HOOKS AT BOTH ENDS.
2. CENTER PILE GROUPS UNDER PILE CAP, PILE CAP IS CENTERED BELOW COLUMN UNLESS NOTED OTHERWISE.
3. PILE SPACING (S) SHALL BE 3' - 0" UNLESS NOTED OTHERWISE.
4. MINIMUM EDGE DISTANCE (E) FROM CENTER OF PILE SHALL BE 1' - 6" UNLESS NOTED OTHERWISE.
5. ALL PILE CAPS HAVE BEEN DESIGNED USING HP10X57 STEEL PILES WITH AN ALLOWABLE CAPACITY OF 20 TONS. PILES FOR INDIVIDUAL PILE CAPS ARE DESIGNED AS A "PINNED HEAD" CONDITION, UNLESS NOTED OTHERWISE ON PLAN. (A)



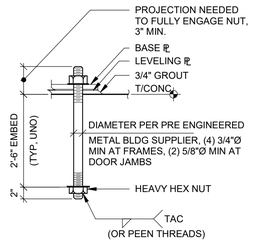
1 S-301 WALL JOINT DETAILS
NOT TO SCALE



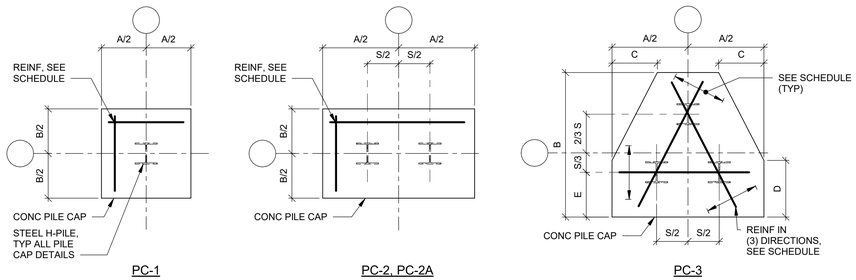
2 S-301 TYPICAL WALL INTERSECTION REINFORCEMENT
NOT TO SCALE
NOTE: LAPS ARE CLASS B, BUT NOT LESS THAN 2' - 0".



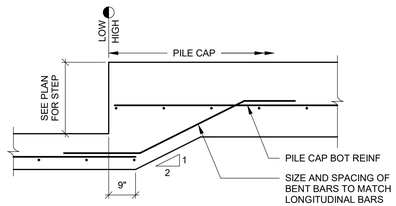
3 S-301 SLAB CONSTRUCTION JOINT
NOT TO SCALE



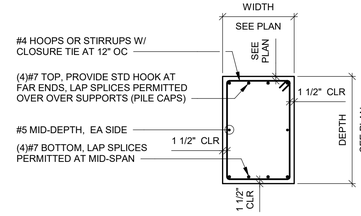
4 S-301 ANCHOR ROD
NOT TO SCALE



5 S-301 PILE CAP DETAILS
NOT TO SCALE



6 S-301 TYPICAL FOOTING STEP DETAIL
NOT TO SCALE
NOTE:
LAPS ARE CLASS B, BUT NOT LESS THAN 2'-0".



TYPICAL DETAIL
7 S-301 GRADE BEAM REINFORCEMENT
NOT TO SCALE

8 S-301 TYPICAL SECTION AT INTERIOR PILE CAP
NOT TO SCALE

9 S-301 SECTION AT OVERHEAD DOOR
3/4" = 1'-0"

10 S-301 SECTION AT EXTERIOR SLAB
NOT TO SCALE

NOTES:
1. THIS DETAIL APPLIES WHERE OPENING INTERRUPTS NO MORE THAN TWO VERTICAL OR HORIZONTAL REINFORCING BARS. NOTIFY ENGINEER OF ANY PROPOSED OPENINGS NOT SHOWN IN STRUCTURAL DRAWINGS THAT INTERRUPT MORE THAN TWO VERTICAL OR HORIZONTAL REINFORCING BARS.
2. PROVIDE REINFORCEMENT SHOWN FOR EACH LAYER OF WALL REINFORCEMENT.
3. PIPE CLUSTERS (MULTIPLE PIPES) SHALL BE CONSIDERED ONE CONTINUOUS OPENING.
4. SHOW OPENINGS IN WALL ELEVATIONS IN REINFORCING SHOP DRAWINGS.

11 S-301 REINFORCEMENT AT WALL OPENING
NOT TO SCALE

12 S-301 / 12A S-301 TYPICAL SECTION AT EXTERIOR GRADE BEAM
NOT TO SCALE

13 S-301 TYPICAL SECTION AT EXTERIOR GRADE BEAM
NOT TO SCALE

14 S-301 TYPICAL SECTION AT EXTERIOR COLUMN
NOT TO SCALE

1/31/2025 2:37:09 PM
C:\Users\jsing\Documents\Revit Local\11267.5_BronxPCStorageBldg_2021_CENTRAL_jsing_rfedt.rvt
36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

RYAN BIGGS CLARK DAVIS
ENGINEERING & SURVEYING

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STATE OF NEW YORK GERALD L. CRAIG LICENSED PROFESSIONAL ENGINEER 096553 12/4/2025

CONTRACT:
CONSTRUCTION

TITLE:
PROVIDE STORAGE STRUCTURE, BUILDING 38

LOCATION:
BRONX PSYCHIATRIC CENTER
1500 WATERS PLACE
BRONX, NEW YORK 10461

CLIENT:
OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
D	09/04/2025	ADDENDUM 02
C	01/31/2025	BID DOCUMENTS REVISIONS
B	01/10/2025	BID DOCUMENTS REVISIONS
A	06/10/2024	BID DOCUMENTS

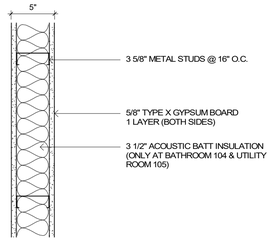
PROJECT NUMBER:	Q1954-C
DESIGNED BY:	PAR, GLC
DRAWN BY:	SJW, GLC
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
FOUNDATION SECTIONS AND DETAILS

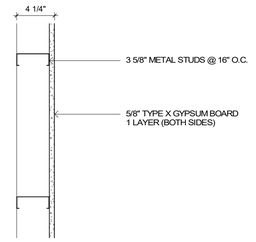
DRAWING NUMBER:
S-301

SHEET 13 OF 30

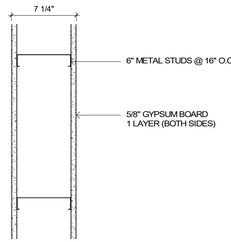
11267.5



PARTITION TYPE 1



PARTITION TYPE 1F



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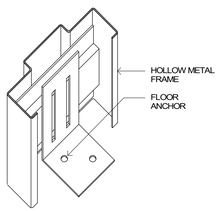


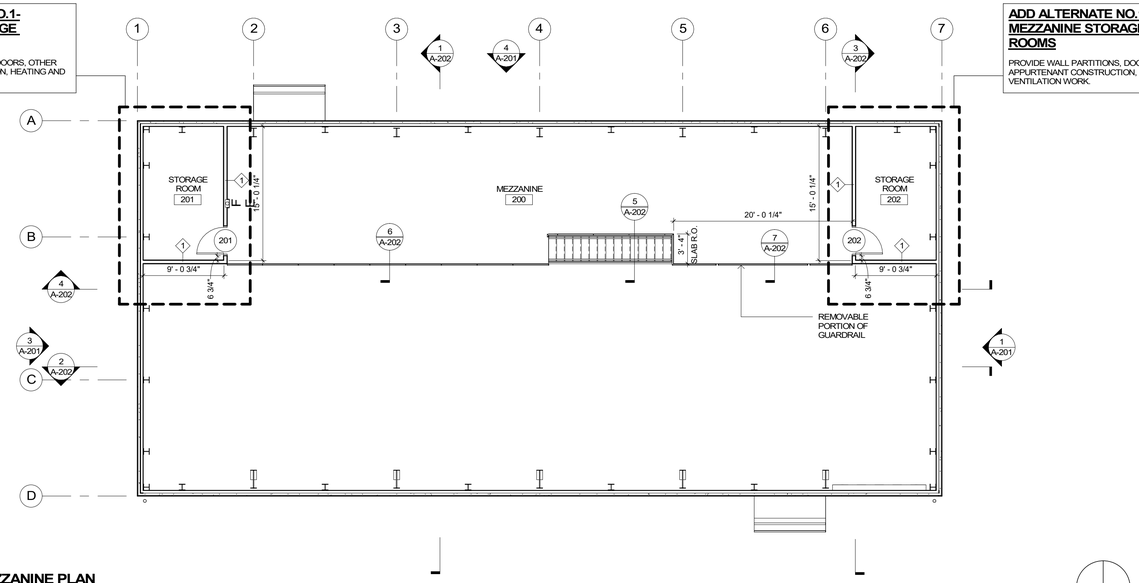
3 / A-101 **ANCHOR DETAIL**
SCALE: 3" = 1'-0"

ADD ALTERNATE NO.1- MEZZANINE STORAGE ROOMS

PROVIDE WALL PARTITIONS, DOORS, OTHER APPURTENANT CONSTRUCTION, HEATING AND VENTILATION WORK.

ADD ALTERNATE NO.1- MEZZANINE STORAGE ROOMS

PROVIDE WALL PARTITIONS, DOORS, OTHER APPURTENANT CONSTRUCTION, HEATING AND VENTILATION WORK.



2 / A-101 **MEZZANINE PLAN**
SCALE: 1/8" = 1'-0"

NORTH

FLOOR PLAN NOTES

1. DIMENSIONS ARE TAKEN FROM FACE OF STEEL FRAMING.
2. DIMENSIONS OF EXISTING CONSTRUCTION SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
3. INTERIOR PARTITIONS SHALL BE PARTITION TYPE 1 UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BLOCKING REQUIRED FOR WALL-MOUNTED EQUIPMENT, ACCESSORIES AND HARDWARE.
5. EXPOSED SURFACES SHALL BE PAINTED WITH EXCEPTION OF PREFINISHED SURFACES.
6. PROVIDE 4" DOOR OFFSETS FROM CORNERS UNLESS NOTED
7. OTHERWISE.
8. TOP OF SLAB ELEVATION (16.75) EQUALS REFERENCE ELEVATION (0' - 0")

   ELEVATIONS NOTED ON ARCHITECTURAL DRAWINGS ARE WITH RESPECT TO (0' - 0")

PARTITION TYPE NOTES

1. SEE FINISH SCHEDULE FOR LOCATIONS WHERE MOISTURE RESISTANT GYPSUM BOARD IS REQUIRED.

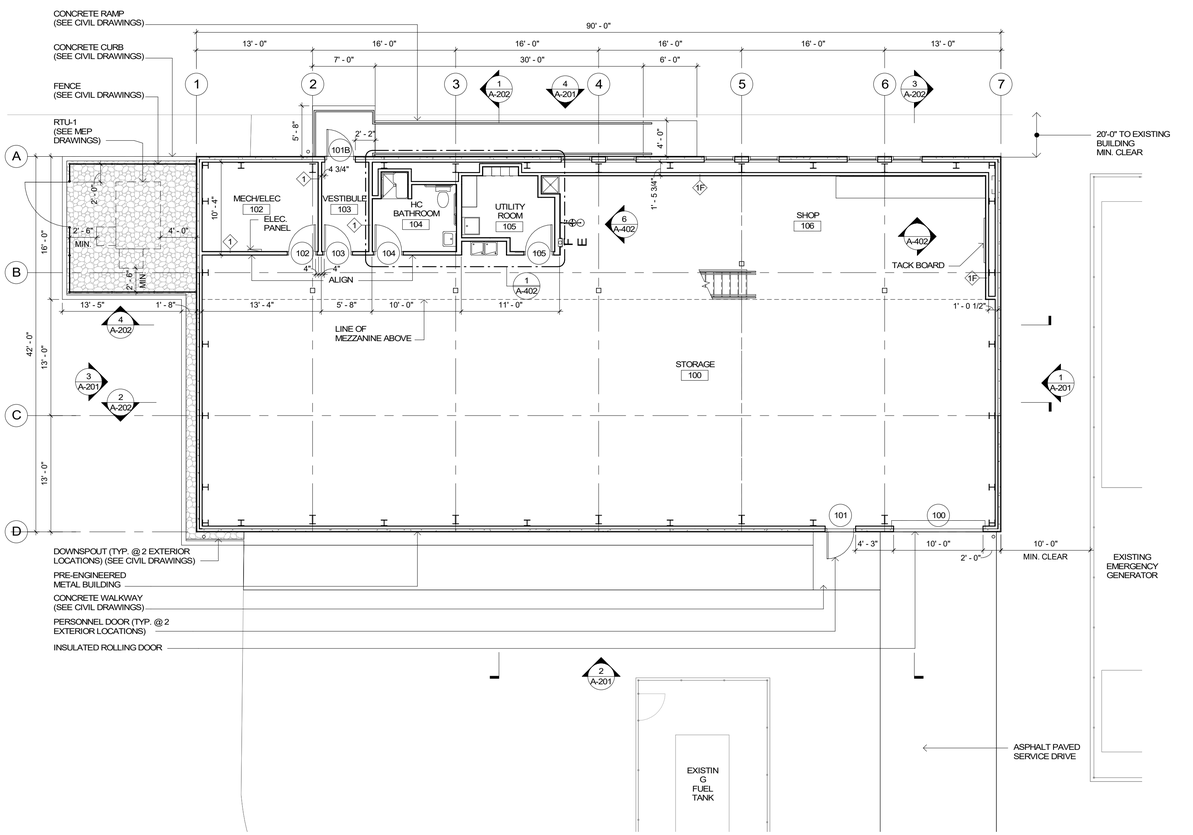
FLOOR PLAN LEGEND

ROOM NAME — ROOM NAME
100 — ROOM NUMBER
100 — DOOR NUMBER
2 — PARTITION TYPE
1 — REVISION NUMBER
3 — KEYED NOTE
OVERHEAD LINE
PARTITION
127.67' — DATUM
WORKING POINT
B1 / A100 — BUILDING ELEVATION REFERENCE
B1 / A400 — DETAIL REFERENCE
B1 / A300 — SECTION REFERENCE
B1 / A400 / 1B — SECTION DETAIL REFERENCE
1A / A500 / 1C — INTERIOR ELEVATION REFERENCE
CJ — CONTROL JOINT
EJ — EXPANSION JOINT

ADD ALTERNATE NO. 2-EQUIPMENT

ALL WORK ASSOCIATED WITH FURNISHING AND INSTALLING THE EQUIPMENT ASSOCIATED WITH THE SPECIFICATION SECTION BELOW:

a. 111901 - SHOP EQUIPMENT — 1



1 / A-101 **FLOOR PLAN**
SCALE: 1/8" = 1'-0"

NORTH

0 5 10 25

NEW YORK STATE OF OPPORTUNITY. **Office of General Services**

DESIGN & CONSTRUCTION

CONSULTANT:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

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REGISTERED ARCHITECT — BRIAN L. PITTS — No. 027082 — STATE OF NEW YORK

CONTRACT:
CONSTRUCTION

TITLE:
PROVIDE STORAGE STRUCTURE, BUILDING 38

LOCATION:
BRONX PSYCHIATRIC CENTER
1500 WATERS PLACE
BRONX, NEW YORK

CLIENT:
OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
	06/10/2024	BID DOCUMENTS
	9/05/2025	ADDENDUM 02

PROJECT NUMBER:	Q1954
DESIGNED BY:	a+
DRAWN BY:	a+
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
FLOOR PLAN

DRAWING NUMBER:
A-101

SHEET: 14 OF 30

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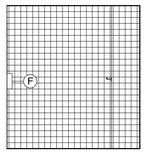
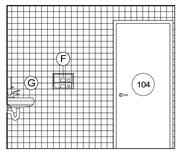
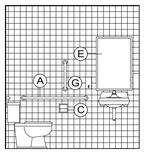
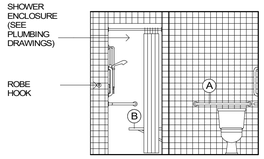
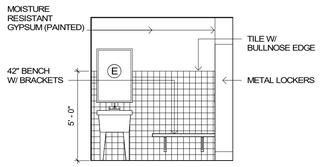
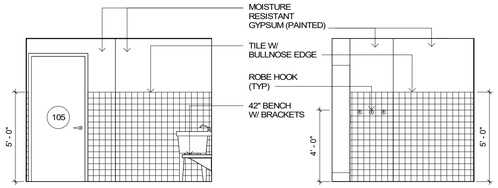


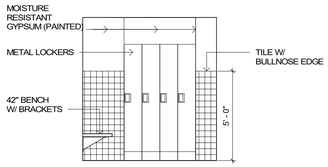


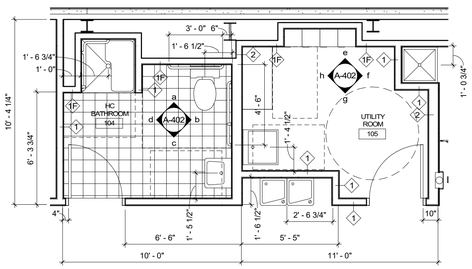






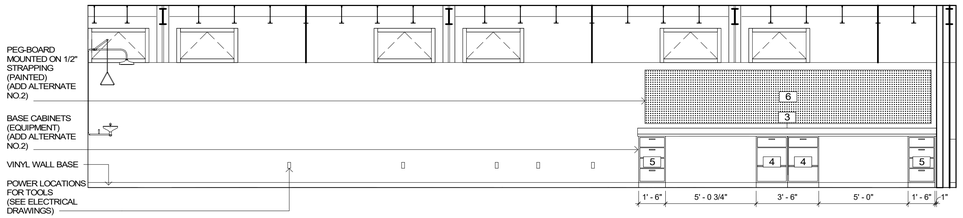






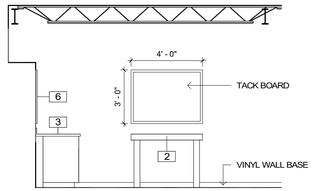
1 A-402 HC BATHROOM AND UTILITY ROOM ENLARGED PLAN

SCALE: 1/4" = 1'-0"



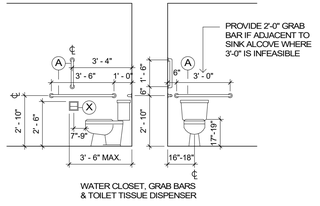
2 A-402 WOOD SHOP INTERIOR ELEVATION

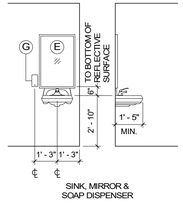
SCALE: 1/4" = 1'-0"

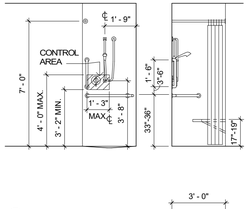


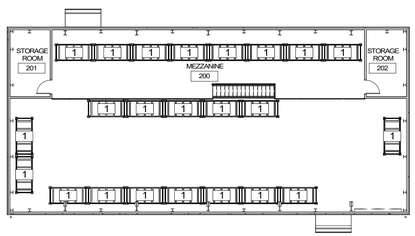
5 A-402 SHOP INTERIOR ELEVATION (ADD ALTERNATE NO.2)

SCALE: 1/4" = 1'-0"



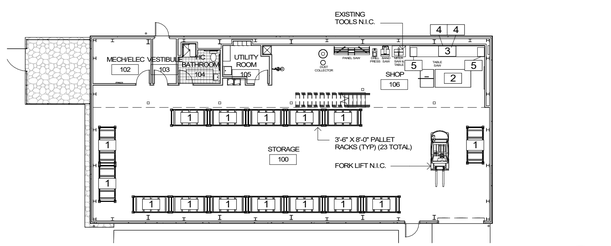






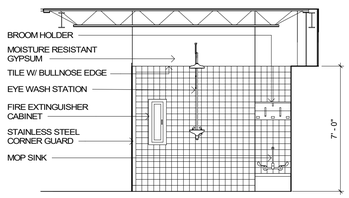
3 A-402 MEZZANINE EQUIPMENT PLAN (ADD ALTERNATE NO. 2)

SCALE: 1/16" = 1'-0"



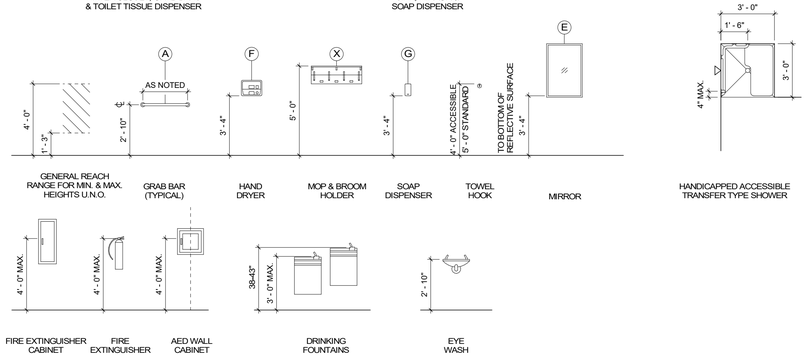
4 A-402 FIRST FLOOR EQUIPMENT PLAN (ADD ALTERNATE NO. 2)

SCALE: 1/16" = 1'-0"



6 A-402 EYE WASH INTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



7 A-402 TYPICAL MOUNTING HEIGHTS

SCALE: 1/4" = 1'-0"

NOTES

1. PROVIDE SOLID BLOCKING FROM 2'-7" A.F.F. TO 3'-1" A.F.F. AT ALL TYPICAL HORIZONTAL GRAB BARS & AS REQUIRED FOR OTHER ACCESSORIES. COORDINATE LENGTH OF BLOCKING WITH LENGTH OF ACCESSORY. EXTEND BLOCKING A MINIMUM OF 6" BEYOND THE END OF THE ACCESSORY AT BOTH ENDS.
2. MOUNT ALL ACCESSORIES IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE AMERICAN NATIONAL STANDARDS INSTITUTE, ANSI 117, MOST CURRENT VERSION.
3. REFER TO THE FINISH SCHEDULE FOR ROOM FINISHES.

ADD ALTERNATE NO.1- MEZZANINE STORAGE ROOMS

PROVIDE CONSTRUCTION, HEATING, AND VENTILATION WORK ASSOCIATED WITH STORAGE ROOMS 201 AND 202. ELECTRICAL AND FIRE PROTECTION FOR THESE ROOMS ARE PART OF THE BASE SCOPE OF WORK.

ADD ALTERNATE NO.2-EQUIPMENT

ALL WORK ASSOCIATED WITH FURNISHING AND INSTALLING THE EQUIPMENT ASSOCIATED WITH THE SPECIFICATION SECTION BELOW:

a. 111901 - SHOP EQUIPMENT

1

TOILET ACCESSORIES KEY

NO.	SPEC.	KEYWORD	MOUNTING HEIGHT	REMARKS
A	102813	GRAB BAR	CENTERLINE @ 2'-10" A.F.F.	
B	102813	SHOWER SEAT	TOP @ 1'-6" A.F.F.	
C	102813	TOILET TISSUE DISPENSER	TOP @ 2'-6" A.F.F.	RECESSED
E	102813	MIRROR	BOTTOM @ 3'-3" A.F.F.	24 X 36", SURFACE MOUNTED
F	*	HAND DRYER	BOTTOM @ 3'-4" A.F.F.	
G	102813	SOAP DISPENSER	BOTTOM @ 3'-4" A.F.F.	SURFACE MOUNTED

EQUIPMENT SCHEDULE (ADD ALTERNATE NO.2)

Type Mark	Description	Size	Count
1	PALLET RACK	96L X 48D X 120H	23
2	PORTABLE WORK BENCH	96L X 48W	1
3	BENCH TOP	17L' X 30"D	1
4	OPEN SHELF BASE CABINET	21" W	2
5	BASE CABINET W/ DRAWERS	18" W	2
6	PEG BOARD	16'L X 36"H	1

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

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REGISTERED ARCHITECT BRIAN L. PITTS No. 027861 STATE OF NEW YORK

CONTRACT:

CONSTRUCTION

TITLE:

PROVIDE STORAGE STRUCTURE, BUILDING 38

LOCATION:

BRONX PSYCHIATRIC CENTER
1500 WATERS PLACE
BRONX, NEW YORK

CLIENT:

OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
	9/05/2025	ADDENDUM 02
	06/10/2024	BID DOCUMENTS

PROJECT NUMBER:	Q1954
DESIGNED BY:	Designer
DRAWN BY:	Author
FIELD CHECK:	Checker
APPROVED:	Approver

SHEET TITLE:

DETAILS

DRAWING NUMBER:

A-402

SHEET: OF

SECTION 260532 – REVISED 09/05/2025

INTERIOR RACEWAYS, FITTINGS, AND ACCESSORIES

PART 1 GENERAL

1.01 REFERENCES

A. NFPA, NEMA, ANSI, and UL.

1.02 SUBMITTALS

A. Product Data: Catalog sheets, specifications and installation instructions.

B. Submit an Environmental Product Declaration (EPD) from the manufacturer for steel within this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.

1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

PART 2 PRODUCTS

2.01 RACEWAYS

A. Rigid Ferrous Metal Conduit: Steel, hot dipped galvanized on the outside and inside, UL categorized as Rigid Ferrous Metal Conduit (identified on UL Listing Mark as Rigid Metal Conduit - Steel or Rigid Steel Conduit), by Allied Tube & Conduit Corp., Republic Conduit, or Wheatland Tube Co.

B. Electrical Metallic Tubing: Steel, galvanized on the outside and enameled on the inside, UL categorized as Electrical Metallic Tubing (identified on UL Listing Mark as Electrical Metallic Tubing), by Allied Tube & Conduit Corp Republic Conduit, or Wheatland Tube Co.

C. Flexible Metal Conduit: Galvanized steel strip shaped into interlocking convolutions, UL categorized as Flexible Metal Conduit (identified on UL Listing Mark as Flexible Steel Conduit or Flexible Steel Conduit Type RW), by AFC Cable Systems Inc., Anamet Electrical Inc., Electri-Flex Co., or International Metal Hose Co.

D. Liquid-tight Flexible Metal Conduit: UL categorized as liquid-tight flexible metal conduit (identified on UL Listing Mark as Liquid-Tight Flexible Metal Conduit, also specifically marked with temperature and environment application data), by AFC Cable Systems Inc., Anamet Electrical Inc., Electri-Flex Co., or Universal Metal Hose Co.

E. Rigid Nonmetallic PVC Conduit, Fittings, and Accessories: UL categorized as Rigid Nonmetallic, Schedule 40 and Schedule 80 PVC conduit (identified on UL Listing Mark as Rigid Nonmetallic Conduit Aboveground and Underground Schedule 40; Rigid Nonmetallic Conduit Aboveground and Underground Extra Heavy Wall Schedule 80), by Beck Mfg./Picoma Industries, Cantex Inc., Carlon/Div. Of Lamson and Sessions, Ipex Inc., National Pipe & Plastics Inc., or Queen City Plastics Inc.

F. Wireways, Fittings and Accessories:
   1. NEMA 1 (Without Knockouts): Square D Co.'s Class 5100, Cooper B-Line, Hubbell/Wiegmann's HS Series or equivalent as manufactured by Pentair/Hoffman

2.02 FITTINGS AND ACCESSORIES

A. Insulated Bushings:
   1. Threaded, malleable iron/zinc electroplate with 105 degrees C minimum plastic insulated throat; Appleton Electric Co.'s BU50I Series, Cooper/Crouse-Hinds' 1031 Series, OZ/Gedney Co.'s IBC-50 Series, Raco Inc.'s 1132 Series, Steel City/T & B Corp.'s BI-901 Series, or Thomas & Betts Corp.'s 1222 Series.
   2. Threaded malleable iron with 150 degrees C plastic throat; Appleton Electric Co.'s BU501 Series, Cooper/Crouse-Hinds' H1031 Series, or OZ/Gedney Co.'s IBC-50 Series.

B. Plastic Bushings for 1/2 and 3/4 Inch Conduit:
   1. 105 degrees C minimum temperature rating; Appleton Electric Co.'s BBU50, BBU75, Blackburn (T & B Corp.'s) 50 BB, 75 BB, Cooper/Crouse-Hinds' 931,932, or OZ/Gedney Co.'s IB-50, IB-75, Raco Inc.'s 1402, 1403, Steel City/T & B Corp.'s BU-501, BU-502, or Thomas & Betts Corp.'s 222, 223.
   2. 150 degrees C temperature rating; Appleton Electric Co.'s BBU50H, BBU75H, Cooper/Crouse-Hinds' H-931, H-932, or OZ/Gedney Co.'s A-50, A-75.

C. Insulated Grounding Bushings:
   1. Threaded, malleable iron/zinc electroplate with 105 degrees C minimum plastic insulated liner, and ground lug; Appleton Electric Co.'s GIB-50 Series, Cooper/Crouse-Hinds' GLL Series, OZ/Gedney Co.'s IBC-50L Series, Raco Inc.'s 1212 Series, Steel City/T & B Corp.'s BG-801 (1/2 to 2") Series, or Thomas & Betts Corp.'s 3870.
   2. Threaded malleable iron/zinc electroplate with 150 degrees C plastic insulated liner, and ground lug; Appleton Electric Co.'s GIB Series, Cooper/Crouse-Hinds' HGLL Series, or OZ/Gedney Co.'s IBC-50L Series, or Thomas & Betts Corp.'s 3870.

D. Connectors and Couplings:
   1. Locknuts: UL, steel/zinc electroplate; Appleton Electric Co.'s BL-50 Series, Cooper/Crouse-Hinds' 11 Series, OZ/Gedney Co.'s 1-50S Series,

Raco Inc.'s 1002 Series, Steel City/T&B Corp.'s LN-101 Series, or Thomas & Betts Corp.'s 141 Series.

2. Grounding Wedge: Thomas & Betts Corp.'s 3650 Series.
3. Couplings For Rigid Metal: Standard galvanized threaded couplings as furnished by conduit manufacturer, Allied Tube & Conduit Corp.'s Kwik-Couple, or Thomas & Betts Corp.'s Shamrock.
4. Electrical Metallic Tubing Couplings and Insulated Connectors: Compression type, steel/zinc electroplate; Appleton Electric Co.'s TW-50CS1, TWC-50CS Series, Cooper/Crouse-Hinds' 1650, 660S Series, Raco Inc.'s 2912, 2922 Series, Steel City/T & B Corp.'s TC-711 Series, or Thomas & Betts Corp.'s 5120, 5123 Series.
5. Flexible Metal Conduit Connectors: Arlington Industries Inc.'s Saddle-Grip, OZ/Gedney Co.'s C-8T, 24-34T, ACV-50T Series, or Thomas & Betts Corp.'s Nylon Insulated Tite-Bite Series.
6. Liquid-tight Flexible Metal Conduit Connectors: Steel, malleable iron, zinc electroplate, insulated throat; Appleton Electric Co.'s STB Series, Cooper/Crouse-Hinds' LTB Series, OZ/Gedney Co.'s 4Q-50T Series, Raco Inc.'s 3512 Series, Steel City/T & B Corp.'s LT-701 Series, or Thomas & Betts Corp.'s 5332 Series.

E. Conduit Bodies (Threaded):
1. Malleable Iron/Zinc Electroplate: Zinc electroplate malleable iron or cast iron alloy bodies with zinc electroplate steel covers; Appleton Electric Co.'s Unilets, Cooper/Crouse-Hinds' Condulets, OZ/Gedney Co.'s Conduit Bodies, or Thomas & Betts Corp.'s Conduit Bodies.

F. Expansion Fittings:
1. Malleable Iron, Zinc Electroplate Finish: Appleton Electric Co.'s XJ or OZ/Gedney Co.'s AX (TX for EMT), with external bonding jumper.
2. Electrogalvanized Steel: Cooper/Crouse-Hinds' XJG (XJG-EMT for EMT), or Thomas & Betts Corp.'s XJG, with internal grounding.

G. Deflection Fittings: Appleton Electric Co.'s DF, Cooper/Crouse-Hinds' XD, or OZ/Gedney Co.'s Type DX.

H. Hazardous Location Fittings:
1. Sealing Fittings: Appleton Electric Co.'s EYS, ESU w/Kwiko sealing compound and fiber filler, Cooper/Crouse-Hinds' EYS, EZS w/Chico A sealing compound and Chico X filler, OZ/Gedney Co.'s EY, EYA with EYC sealing compound and EYF damming fiber, or Thomas & Betts Corp.'s. EYS w/Chico A sealing compound and Chico X filler.
2. Other Type Fittings: As required to suit installation requirements, by Appleton Electric Co., Cooper/Crouse-Hinds, OZ/Gedney Co, or Thomas & Betts Corp.

I. Sealant for Raceways Exposed to Different Temperatures: Sealing compounds and accessories to suit installation; Appleton Electric Co.'s DUC, or Kwiko Sealing Compound with fiber filler, Cooper/Crouse-Hinds' Chico A Sealing Compound with Chico X fiber, Electrical Products Division 3M Scotch products, OZ Gedney Co.'s DUX or EYC sealing compound with EYF damming fiber, or Thomas & Betts Corp.'s Blackburn DX.

J. Vertical Conductor Supports: Kellems/Hubbell Inc.'s Conduit Riser Grips, or OZ/Gedney Co.'s Type M, Type R.

K. Pulling-In-Line For Installation in Spare and Empty Raceways: Polypropylene monofilament utility line; Greenlee Textron Inc.'s Poly Line 430, 431, or Ideal Industries Powr-Fish Pull-Line 31-340 Series.

PART 3 EXECUTION

3.01 RACEWAY INSTALLATION - GENERAL

A. Number of Raceways: Do not change number of raceways to less than the number indicated on the drawings.
   1. Each raceway shall enclose one circuit unless otherwise indicated on the drawings.

B. Raceways for Future Use (Spare Raceways and Empty Raceways): Draw fish tape through raceways in the presence of the Director's Representative to show that the raceway is clear of obstructions.
   1. Leave a pulling-in line in each spare and empty raceway.

C. Conduit Installed Concealed:
   1. Install conduit concealed unless otherwise indicated on the drawings.
   2. Existing Construction:
      a. Run conduit in existing chases and hung ceilings.
      b. If conduit cannot be installed concealed due to conditions encountered in the building, report such conditions and await approval in writing before proceeding.
   3. New Construction:
      a. Run conduit in the ceilings, walls, and partitions.
      b. Conduit may not be installed in concrete floor slab (concrete slabs that are both ceilings and floors shall be treated as floor slabs).

D. Conduit Installed Exposed:
   1. Install conduit exposed where indicated on the drawings.
   2. Install conduit tight to the surface of the building construction unless otherwise indicated or directed.
   3. Install vertical runs perpendicular to the floor.
   4. Install runs on the ceiling perpendicular or parallel to the walls.
   5. Install horizontal runs parallel to the floor.
   6. Do not run conduits near heating pipes.
   7. Installation of conduit directly on the floor will not be permitted.

E. Conduit Size: Not smaller than 3/4 inch electrical trade size. Where type FEP, THHN, THWN, THWN-2, XHH, XHHW, or XHHW-2 conductors are specified for use under Section 260519, the minimum allowable conduit size for new Work shall be based on Type THW conductors.

F. Conduit Bends: For 3/4 inch conduits, bends may be made with manual benders. For all conduit sizes larger than 3/4 inch, manufactured or field fabricated offsets or bends may be used. Make field fabricated offsets or bends with an approved hydraulic bender.

G. Conduit in Hazardous Areas: Install Work in hazardous areas in accordance with the NFPA 70. The hazardous areas and the degree of hazard for each area are indicated on the drawings, but generally conists

3.02 RACEWAY SCHEDULE

A. Rigid Ferrous Metal Conduit: Install in all locations unless otherwise specified or indicated on the drawings.

B. Electrical Metallic Tubing:
   1. May be installed exposed as branch circuit conduits in dry non-hazardous locations at elevations over 10'-0" above finished floor where conduit does not support fixtures or other equipment.

C. Flexible Metal Conduit: Install equipment grounding conductor in the flexible metal conduit and bond at each box or equipment to which conduit is connected:
   1. Use for final conduit connection to lighting fixtures
   2. Use 1 to 3 feet of flexible metal conduit for final conduit connection to:
      a. Emergency lighting units.
      b. Dry type transformers.
      c. Motors with open, drip-proof or splash-proof housings.
      d. Equipment subject to vibration (dry locations).
      e. Equipment requiring flexible connection for adjustment or alignment (dry locations).

D. Liquid-tight Flexible Metal Conduit: Install equipment grounding conductor in liquid-tight flexible metal conduit and bond at each box or equipment to which conduit is connected:
   1. Use 1 to 3 feet of liquid-tight flexible metal condu.it (UL listed and marked suitable for the installation's temperature and environmental conditions) for final conduit connection to:
      a. Motors with weather-protected or totally enclosed housings.
      b. Equipment subject to vibration (damp and wet locations).
      c. Equipment requiring flexible connection for adjustment or alignment (damp and wet locations).

E. Rigid Nonmetallic PVC Conduit:
   1. Schedule 40: Utilize for service lateral to building. Use only for horizontal runs. Vertical runs shall be RMC

F. Wireways: May be used indoors in dry locations for exposed raceway between grouped, wall mounted equipment.

3.03 FITTINGS AND ACCESSORIES SCHEDULE

A. General:
   1. Use fittings and accessories that have a temperature rating equal to, or higher than the temperature rating of the conductors to be installed within the raceway.
   2. Use zinc electroplate or hot dipped galvanized steel/malleable iron or cast iron alloy fittings and accessories in conjunction with ferrous raceways in dry and damp locations unless otherwise specified or indicated on the drawings.
   3. Use insulated grounding bushings or grounding wedges on ends of conduit for terminating and bonding equipment grounding conductors, when required, if cabinet or boxes are not equipped with grounding/bonding screws or lugs.
   4. Use caps or plugs to seal ends of conduits until wiring is installed to exclude foreign material.
   5. Use insulated grounding bushings on the ends of conduits that are not directly connected to the enclosure, such as stub-ups under equipment, etc., and bond between bushings and enclosure with equipment grounding conductor.
   6. Use expansion fittings where raceways cross expansion joints (exposed, concealed, buried).
   7. Use deflection fittings where raceways cross expansion joints that move in more than one plane.
   8. Use 2 locknuts and an insulated bushing on end of each conduit entering sheet metal cabinet or box in dry or damp locations.
      a. Plastic bushing may be used on 3/4 inch conduit in lieu of insulated bushing.
      b. Terminate conduit ends within cabinet/box at the same level.

B. For Rigid Metal Conduit: Use threaded fittings and accessories. Use 3 piece conduit coupling where neither piece of conduit can be rotated.

C. For Electrical Metallic Tubing: Use compression type connectors and couplings.

D. For Flexible Metal Conduit: Use flexible metal conduit connectors.

E. For Liquid-tight Flexible Metal Conduit: Use liquid-tight connectors.

F. For Rigid Nonmetallic PVC Conduit: Use conduit manufacturer's standard fittings and accessories.

G. For Surface Metal Raceway: Use raceway manufacturer's standard fittings and accessories.

H. For Wireways: Use wireway manufacturer's standard fittings and accessories.

END OF SECTION