

ADDENDUM NO. 2

GAGE DRAIN PUMP STATION AND OPEN CHANNEL SAGINAW COUNTY, MICHIGAN

TO: ALL PROSPECTIVE BIDDERS ON THE SUBJECT PROJECT

RE: CHANGES TO BIDDING DOCUMENTS

*Acknowledge Receipt of this Addendum on Page C-410-1
of the Bidform (Proposal) where indicated.*

The following is a list of changes to the bidding documents:

1. Addendum No. 2 has been posted to the Saginaw County Public Works Commissioner's website on Wednesday, February 17th, 2021.
2. Division I - Sheet A3 (Sheet 33 of 41 in the plan set) has been revised and reissued as part of this addendum to add a support beam for the roof in the electrical/control room. The revised Sheet A3 also has added notes and details in response to bidder questions regarding the glass block windows and the barrel vault skylight.
3. Division I Clarifications in response to bidder questions:
 - All roof framing lumber materials shall be treated.
 - Substitutions on the sheet pile specified will be accepted if the proposed substitution has equal or greater section and strength. Any adjustments to the pile cap dimensions needed to accommodate the substituted product shall be at no additional cost to the project owner.
 - H-Piles do not need to be coated.
 - Dynamic load testing may be used on the piles.
 - The overall dimensions on the generator pad are 28.5' by 12.5'
 - It is the contractor's responsibility to include all required "Use Tax" in their bid for owner procured materials with exception of the generator and related materials being provided by Consumers Energy.
 - The contractor will be responsible for providing the warning light and audio alarm for the trash rack.
 - Additional information for the glass block windows is included in the revised A3 sheet included with this addendum.
 - Additional information for the barrel vault skylight is included in the revised A3 sheet included with this addendum.
4. Division II Clarifications in response to bidder questions:
 - All costs for drive surface (including pavement) removal and repair is included in the unit price bid per linear foot of proposed culvert.
 - All costs for maintenance lane construction are included in the lump sum bid price for site clearing.
 - Remove and replace existing fence as needed to access Nexteer property. Contractor to coordinate with Nexteer prior to entering property or removing any fence. All costs are included in site clearing and cleanup and restoration.
 - Removal of existing weir in drain bottom on Nexteer property is included in lump sum bid price for site clearing.

Note all clarifications and changes contained within this Addendum supersede any data that may be contained in the plans and specifications regarding the same matter.

An unsigned acknowledgement or lack of acknowledgement shall be cause to have the bid rejected. Acknowledgment of the Addendum No. 2 by the bidder shall indicate full understanding and acceptance of this addendum in its entirety.

Please sign the Acknowledgment below and attach this Addendum No. 2 to the front of your bidding document. Acknowledge the same in the Bid Form (Proposal).

Included with the sealed bid should be:

- A. The Bid Form with Addendum No. 2 acknowledged
- B. A copy of this Addendum with the Acknowledgement Form completed

Prepared by:

SPICER GROUP, INC.

Nicholas D. Czerwinski, P.E.
Project Manager

ACKNOWLEDGMENT

BIDDER: _____

BY: _____

DATE: _____

BARREL VAULT SKYLIGHT SYSTEM NOTES:

SUPPLY AND INSTALL COMPLETE AN ACRYLIC DOMED SKYLIGHT SYSTEM AS SHOWN ON THE DRAWINGS.

- SKYLIGHT SHALL BE CONSTRUCTED AND INSTALLED TO ENSURE A WEATHER TIGHT INSTALLATION. SKYLIGHT SHALL HAVE SPECIAL LIFTING LUGS FOR RIGGING AND REMOVAL BY CRANE STRAPS.
- SKYLIGHT FRAME, GLAZING TRACK, MULLIONS AND RAFTERS SHALL BE CONSTRUCTED OF ALUMINUM. FRAME SHALL BE CURB MOUNTED. FRAME SHALL HAVE A POLYURETHANE THERMAL BREAK AND AN INTEGRAL GUTTER AND WEEP SYSTEM FOR DRAINAGE TO THE EXTERIOR. FRAME CONSTRUCTION SHALL BE WELDED.
- ACRYLIC DOMES SHALL BE BRONZE OVER CLEAR. DOMES SHALL BE SECURED TO FRAME WITH A FULLY WELDED RETAINER CAP.
- ALL EXPOSED ALUMINUM SHALL BE MILL FINISH. ALL GLAZING SHALL BE SEPARATED FROM FRAME BY A CONTINUOUS EXTRUDED BLACK SANTOPRENE GASKET. ALL HARDWARE SHALL BE STAINLESS STEEL.
- SKYLIGHT SHALL BE FACTORY ASSEMBLED AND FACTORY GLAZED. SKYLIGHT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
- BARREL VAULT SKYLIGHT SHALL BE FASTENED TO CURB WITH BOLTS AND T-NUTS OR THREADED INSERTS EMBEDDED IN THE CONSTRUCTED CURB. FASTENERS SHALL MEET MANUFACTURERS RECOMMENDATIONS FOR SIZE AND SPACING WITH A MAXIMUM SPACING OF 12" O.C.

ACCEPTABLE SKYLIGHT MANUFACTURERS:
 - AMERICAN SKYLIGHT (1-800-772-7401)
 - ROYALITE MANUFACTURING, INC. (1-800-875-9548)
 - DOME'L SKYLIGHTS (1-862-238-7429)

GLASS BLOCK NOTES:

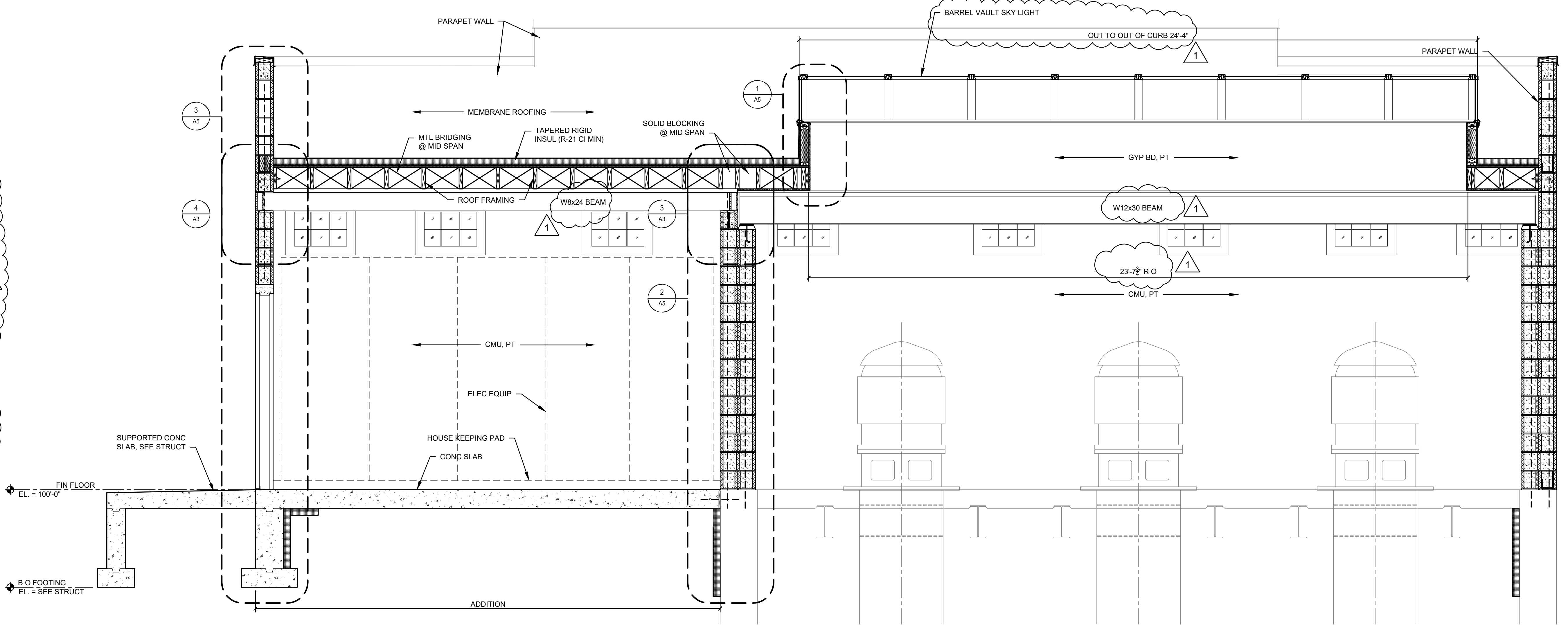
SUPPLY AND INSTALL 8"x8"x4" GLASS BLOCKS IN INDIVIDUAL UNITS AS SHOWN ON THE DRAWINGS.

PRODUCT:
 1. THICK FACED GLASS BLOCK UNITS, NOMINALLY 8"x8"x4" THICK SHALL BE PARTIALLY EVACUATED HOLLOW UNITS MADE OF CLEAR, COLORLESS GLASS WITH A POLYVINYL BUTYRAL EDGE COATING.

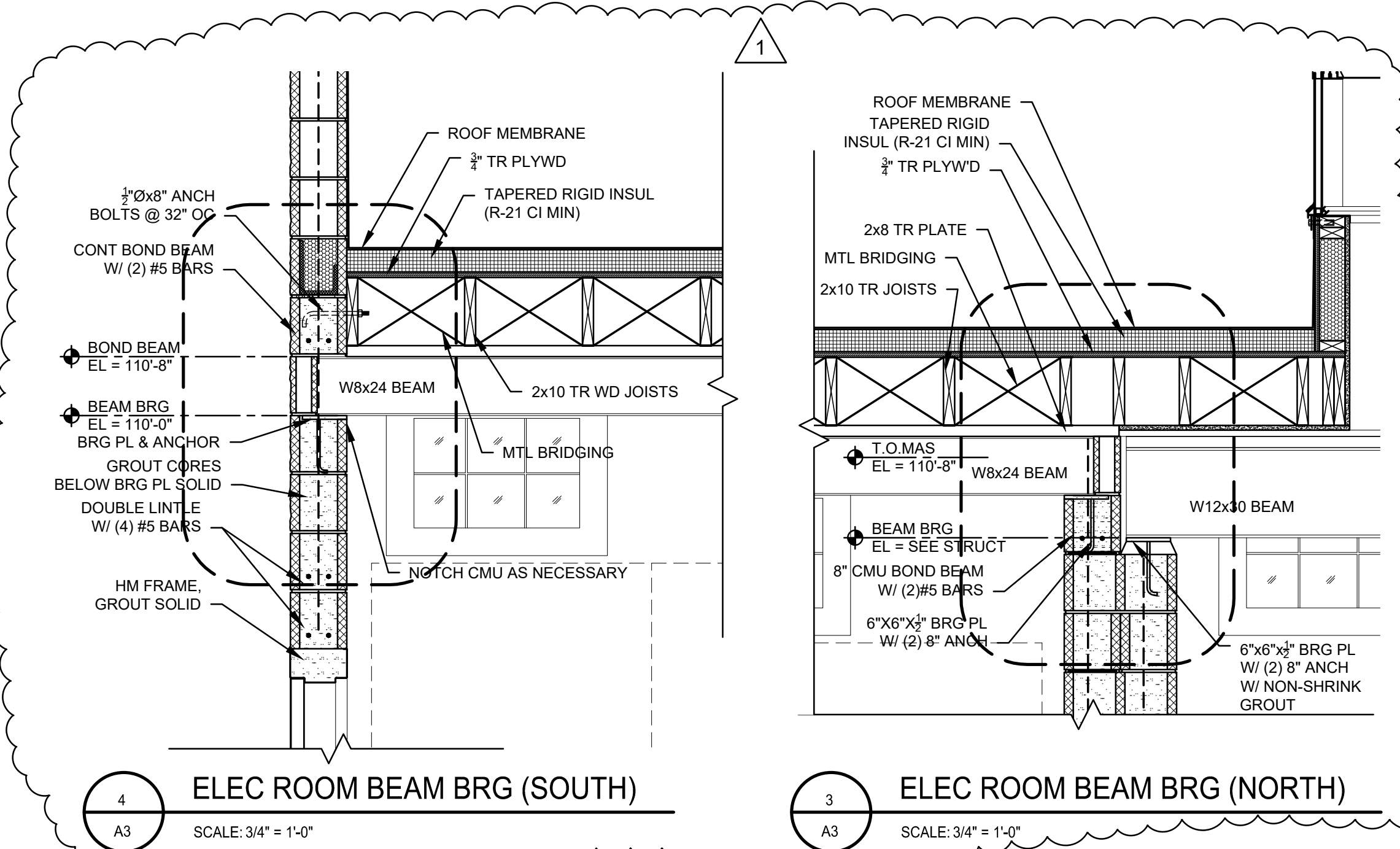
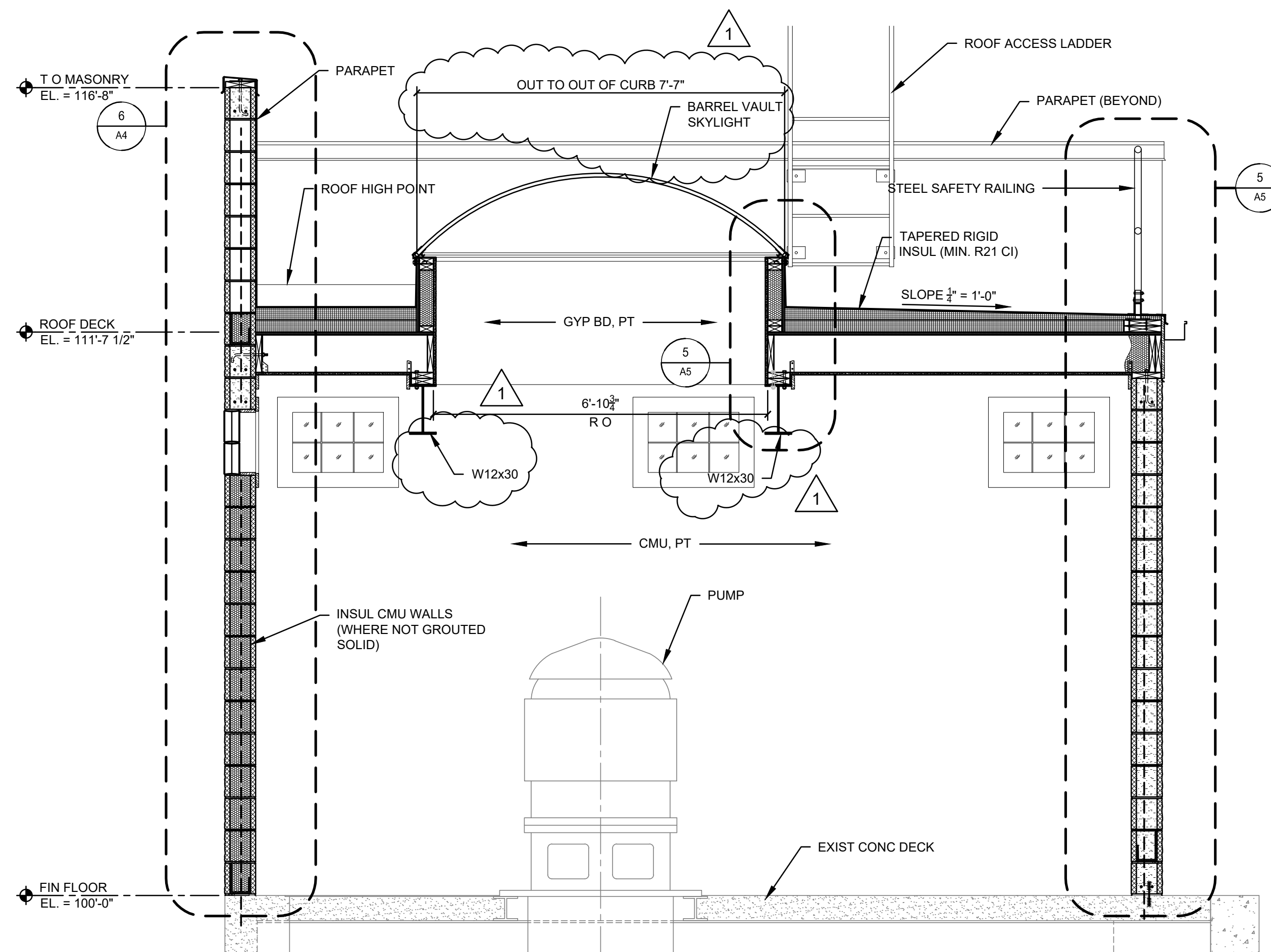
- PATTERN TYPE: EQUAL TO SEVES WAVE
- MORTAR: LIMIT CEMENTITIOUS MATERIALS IN MORTAR TO PORTLAND CEMENT AND LIME. TYPE S IN ACCORDANCE WITH ASTM C270. MORTAR SHALL BE 1 PART PORTLAND CEMENT, 1/2 PART LIME, AND SAND EQUAL TO 2 1/2 TO 3 TIMES THE AMOUNT OF CEMENTITIOUS MATERIAL (CEMENT PLUS LIME), ALL MEASURED BY VOLUME. (FOR EXTERIOR GLASS BLOCK PANELS, AN INTEGRAL TYPE WATERPROOFER SHOULD BE ADDED TO THE MORTAR MIX.) NO ANTIFREEZE COMPOUNDS OR ACCELERATORS ALLOWED. TYPE N MORTAR IS ALSO ACCEPTABLE.

- GLASS BLOCK SHALL NOT BE DESIGNED TO SUPPORT STRUCTURAL LOADS.
- SILLS OF ALL PANELS MUST BE PAINTED WITH A HEAVY COAT OF ASPHALT EMULSION AND MUST CURE FOR TWO HOURS BEFORE FIRST MORTAR BED IS PLACED.
- MORTAR SHOULD BE MIXED AND APPLIED IN ACCORDANCE WITH THE RECOMMENDATIONS OF MANUFACTURER.
- BECAUSE GLASS BLOCK WILL NOT ABSORB WATER, MORTAR MUST BE CONSIDERABLY STIFFER THAN MORTAR FOR ORDINARY MASONRY. THE CONSISTENCY CAN BE DESCRIBED AS "MASHED POTATOES" OR "PEANUT BUTTER" AND BE CLAY-LIKE. THE JOINTS MUST BE FULL AND STRUCK SMOOTH, NOT SPONGED.
- INSTALLATION OF GLASS BLOCK SHALL BE DONE BY WHOLE UNITS. CUTTING OF GLASS BLOCK UNITS IS NOT PERMITTED.
- SUBMIT TWO (2) GLASS BLOCK UNITS OF EACH TYPE SPECIFIED, SHOWING SIZE, DESIGN AND PATTERN OF FACES.
- VERIFY ALL INSTALLATION INSTRUCTIONS WITH PRODUCT MANUFACTURERS INSTRUCTIONS.

ACCEPTABLE MANUFACTURERS:
 - SEVES GLASS BLOCK INC. (877) 738-3711
 - ARCHITECT APPROVED EQUAL



NOTE:
 W8x24 BEAM IN ELECTRICAL ROOM SHALL BE IN-LINE WITH EASTERN MOST BEAM IN PUMP ROOM



DWM	ADDENDUM 2	2/17/21
BY	MARK	REVISIONS
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.		
GAGE DRAIN - PUMP STATION SAGINAW COUNTY, MICHIGAN		
BUILDING SECTIONS		
DE. BY: DWM DR. BY: DWM		CH. BY: DSB APP. BY: RBH
PROJECT NO. 122901SG2015		SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax. 989-754-4440 www.SpicerGroup.com
STDS.	SHEET 33 OF 41	A
DATE: FEBRUARY, 2021	FILE NO. DR-3390-33	3
SCALE: AS SHOWN		

NOTE:
 FINISH FLOOR ELEVATION 100'-0" IS EQUAL TO 589.48 ON NAVD 88 DATUM

PLOTTING SCALE: RET. F.B. ACADE FILE