

DOCUMENT 00 91 13

ADDENDA

ADDENDUM NUMBER 03

DATE: 3/17/2023
PROJECT: MHS West Gym Floor Replacement
PROJECT NUMBER: 22-1724
OWNER: School City of Mishawaka
ARCHITECT: Abonmarche
315 W. Jefferson Blvd.
South Bend, IN 46601
TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated February 22, 2023, Addendum Number 1 issued February 24, 2023, and Addendum Number 2 issued March 8, 2023, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of (2) 8.5" x 11" pages and (2) 24" x 36" consisting of the following drawings.

No.	Drawing Title	Issue Date
S1.0	STRUCTURAL SPECIFICATIONS & DETAILS	03-17-2023
S2.1	STRUCTURAL DETAILS	03-17-2023

CHANGES TO THE PROJECT MANUAL

SECTION 012300 – ALTERNATES

- 1) **DELETE** Alternate No. 03: Bleacher Wheels

CHANGES TO THE DRAWINGS

DRAWING T1.1 – TITLE SHEET

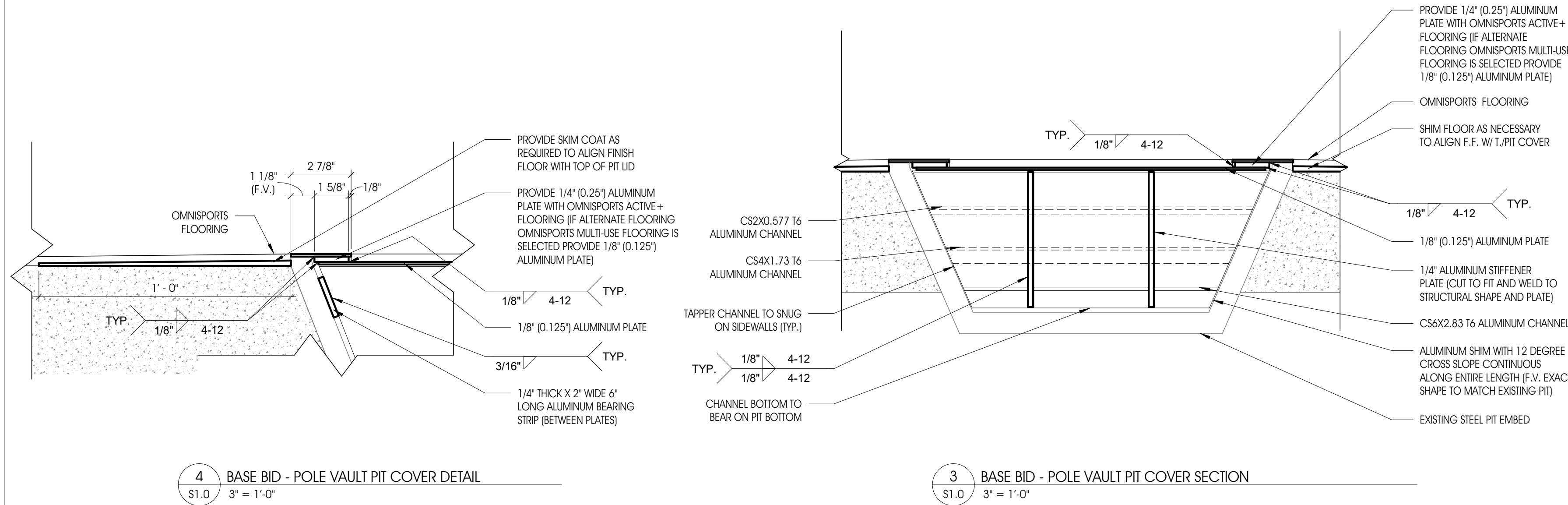
2) **DELETE** Alternate #3 – Bleacher Wheels

DRAWING S1.0 – STRUCTURAL SPECIFICATIONS & DETAILS (ISSUE)

DRAWING S2.1 – STRUCTURAL DETAILS (ISSUE)

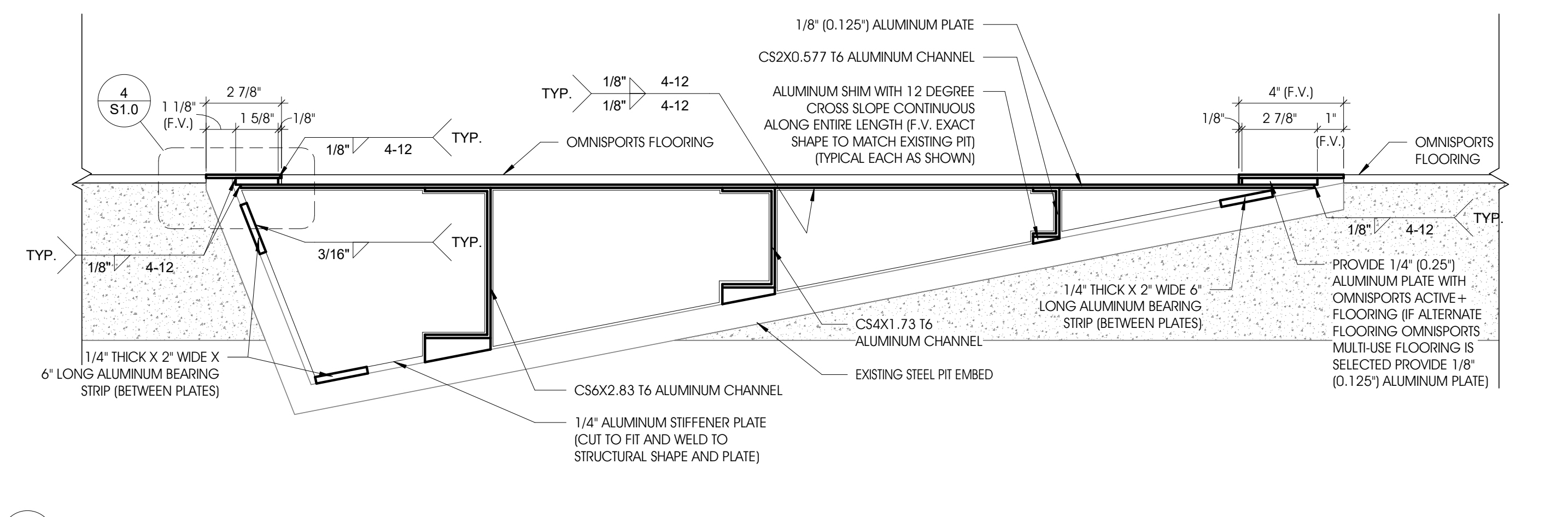
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O:\Projects\2022\22-1724 SCOM MHS West Gym Floor Replacement\1 Drawing Files\Arch_Arch_Revit

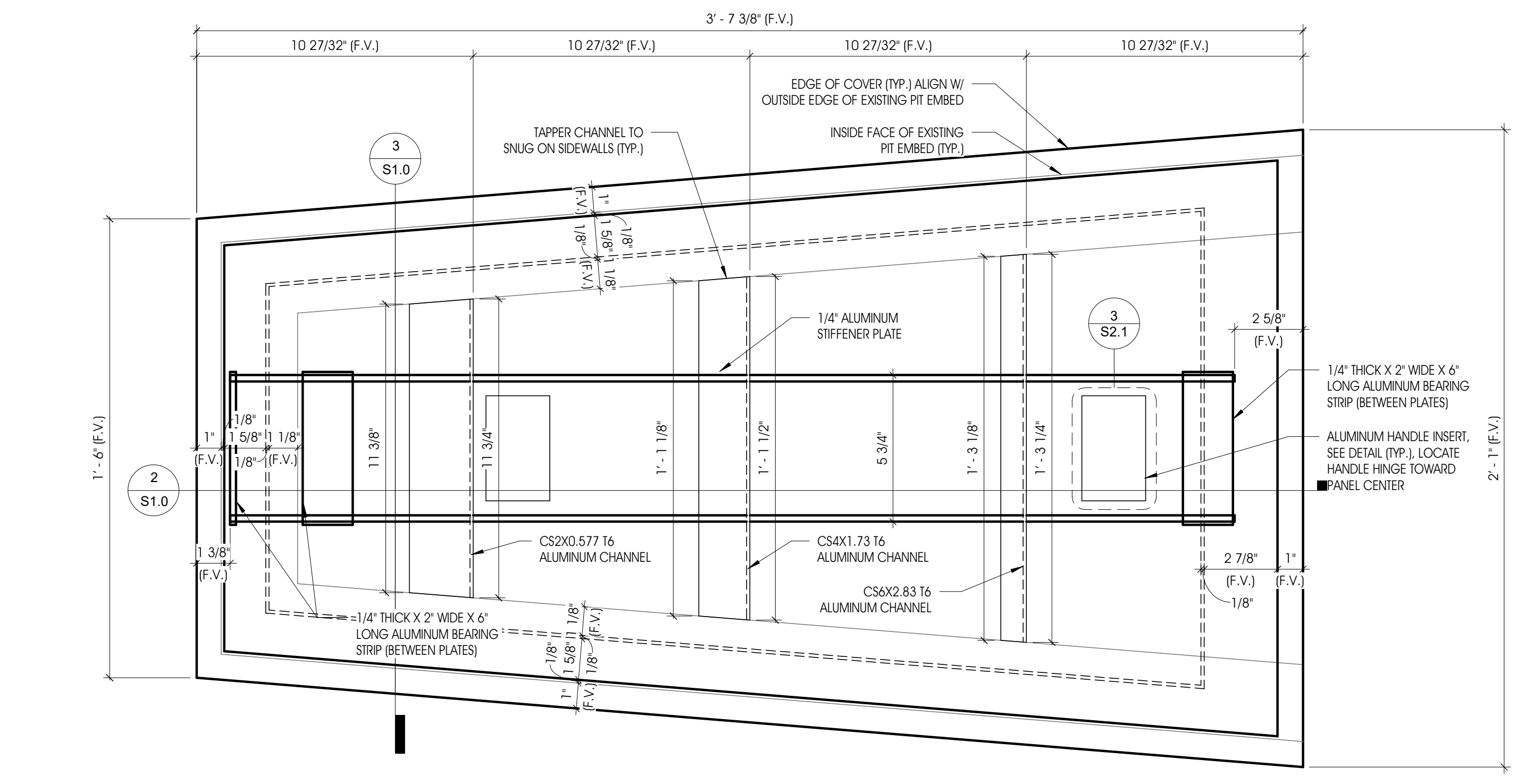


4 BASE BID - POLE VAULT PIT COVER DETAIL
S1.0 3" = 1'-0"

3 BASE BID - POLE VAULT PIT COVER SECTION
S1.0 3" = 1'-0"



2 BASE BID - POLE VAULT PIT COVER SECTION
S1.0 3" = 1'-0"



1 POLE VAULT PIT COVER PLAN (FROM BELOW)
S1.0 3" = 1'-0"

I. DESIGN BASIS

- BUILDING CODE USED IN THE DESIGN OF THIS STRUCTURE: INTERNATIONAL BUILDING CODE, 2012 EDITION WITH INDIANA AMENDMENTS.
- THE EDITIONS REFERENCED IN THE BUILDING CODE LISTED ABOVE SHALL APPLY FOR THE FOLLOWING DESIGN STANDARDS:
 - CONCRETE: ACI 318
 - STRUCTURAL STEEL: AISC STEEL CONSTRUCTION MANUAL, LPFD/ASD
 - STEEL JOISTS & GIRDERS: SJI AMERICAN NATIONAL STANDARD (ASD)
 - COLD-FORMED STEEL: ASI S100
 - METAL DECK: SDI MANUALS
 - WOOD: NDS FOR WOOD CONSTRUCTION
 - ALUMINUM: ADM1
- GRAVITY DEAD LOADS
 - OMNISPORTS ACTIVE+ = 0.96 PSF
 - ALL OTHER = ACTUAL WEIGHTS
- GRAVITY LIVE LOADS
 - GYM FLOOR = 100 PSF
- SERVICEABILITY DEFLECTION (L = STRUCTURAL COMPONENT SPAN LENGTH)
 - FLOOR: LIVE LOAD = L/360 B. ROOF: LIVE LOAD = L/240 TOTAL LOAD = L/240

II. OVERVIEW

- GENERAL
 - ANY CHANGES TO THE STRUCTURAL DESIGN MUST HAVE WRITTEN APPROVAL FROM THE ENGINEER OR THE CERTIFICATION MAY BE INVALIDATED.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FOLLOWING SAFETY PRECAUTIONS AND REGULATIONS.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR METHODS, TECHNIQUES, SEQUENCING AND SUPERVISION OF THE WORK.
 - THESE DRAWINGS INDICATE GENERAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY DETAILED, CONSTRUCTION SIMILAR TO THE DRAWING DETAILS SHALL BE USED, UNLESS NOTED OTHERWISE.
 - THE CONTRACTOR SHALL USE THESE DRAWINGS TOGETHER WITH THE DRAWINGS AND SPECIFICATIONS OF ALL OTHER DISCIPLINES ON THE PROJECT AND SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES THAT INTERFACE WITH THE STRUCTURAL WORK.
 - THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, INSTALL AND INSPECT ADEQUATE AND SAFE TEMPORARY BRACINGS, SHORING, ETC. REQUIRED DURING CONSTRUCTION UNTIL ALL STRUCTURAL WORK IS COMPLETED.
 - THE CONTRACTOR SHALL COMPLY WITH THE SUPPLIER'S MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION SPECIFICATIONS FOR ALL STRUCTURAL SYSTEM COMPONENTS.
 - THE CURRENT EDITIONS OF ASTM STANDARDS AND ALL REFERENCES SHALL APPLY UNLESS NOTED OTHERWISE.
 - DEMOLISHED ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE, UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS. USE INDICATED DIMENSIONS ONLY.
- SHOP DRAWINGS
 - THE GENERAL CONTRACTOR SHALL REVIEW, CHECK AND COORDINATE THE SHOP DRAWINGS AND SUBMIT A REVIEW STAMPED SET TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS WITHOUT A CONTRACTOR REVIEW STAMP WILL BE REJECTED BY THE ENGINEER.
 - THE ENGINEER WILL REVIEW SHOP DRAWINGS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE DRAWINGS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS.
 - THE ENGINEER SHALL REVIEW THE SHOP DRAWINGS IN ACCORDANCE WITH A SCHEDULE PRE-APPROVED BY THE ENGINEER, OR, IN THE ABSENCE OF A SCHEDULE, IN A MANNER DEEMED TIMELY BY THE ENGINEER.
 - AS A MINIMUM, SUBMIT THE FOLLOWING APPLICABLE SHOP DRAWINGS FOR REVIEW: (1) CONCRETE MIX DESIGN SPECIFICATIONS; (2) CONCRETE REINFORCING STEEL; (3) LOAD BEARING MASONRY REINFORCING STEEL; (4) STRUCTURAL STEEL; (5) STEEL JOISTS/GIRDERS; (6) METAL DECK; (7) WOOD TRUSSES; (8) LOAD BEARING COLD-FORMED STEEL FRAMING; (9) PRECAST CONCRETE.

II. OVERVIEW CONT.

- INTERFACE WITH EXISTING CONSTRUCTION
 - THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS BEFORE PROCEEDING WITH THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR PROTECTING EXISTING WORK THAT IS TO REMAIN.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ETC. REQUIRED FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE WORK AND SHALL TAKE THE MEASUREMENTS REQUIRED FOR STRUCTURAL MEMBER FABRICATION AND ERECTION.
 - ANY DISCREPANCY IN THE DRAWINGS OF EXISTING CONDITIONS AND ANY UNKNOWN CONDITIONS UNCOVERED DURING CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - WELDING TO AND WITHIN AN EXISTING FACILITY MAY PRESENT THE FOLLOWING HAZARDS:
 - FIRE HAZARD DUE TO EXISTING BUILDING COMPONENTS. (PROTECT EXISTING COMBUSTIBLES PRIOR TO WELDING AND KEEP A SEPARATE WATCHMAN AND MULTIPLE FIRE EXTINGUISHERS ON HAND AND REMAIN AT THE SITE UNTIL SATISFIED THAT NO FIRE HAZARD EXISTS.)
 - STRUCTURAL LIQUEFACTION DUE TO WELDING ACROSS THE FULL STEEL MEMBER SECTION. (WELD IN SMALL INCREMENTS AND ALLOW WELD TO HARDEN BEFORE CONTINUING TO THE NEXT INCREMENT.)

III. ALUMINUM

- STRUCTURAL SHAPES AND PLATE
 - APPLICABLE SPECIFICATIONS (FY = MINIMUM YIELD STRENGTH)
 - STRUCTURAL SHAPES AND PLATE = 35 KSI: 6061 T6: ADM1
 - PROVIDE ALLOY 5356 FILLER MATERIAL FOR USE WITH WELDING: AWS D1.2
 - FABRICATOR SHALL MAINTAIN DETAILED QUALITY CONTROL PROCEDURES AS REQUIRED BY THE SPECIAL INSPECTION SPECIFICATIONS OF THE INTERNATIONAL BUILDING CODE.
 - CONNECTIONS SHALL BE SHEAR TYPE UNLESS NOTED OTHERWISE AND DESIGNED BY THE FABRICATOR FOR SHEAR LOADS INDICATED ON THESE DRAWINGS IN ACCORDANCE WITH THE AISC SPECIFICATIONS DESIGNATED IN THE 'DESIGN BASIS' SECTION OF THESE STRUCTURAL NOTES.
 - COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. ARE DESIGNED FOR THE FINAL LOADING CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS DURING ERECTION AND CONSTRUCTION. THIS INVESTIGATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - MOMENT CONNECTIONS ARE DENOTED WITH THE SYMBOL ON THESE DRAWINGS. THE FABRICATOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS FOR ALL SPECIAL CONNECTIONS, INCLUDING MOMENT CONNECTIONS.
 - BOLTS SHALL BE SNUG-FIT SHEAR/BEARING TYPE WITH MINIMUM 3/4" DIAMETER, UNLESS NOTED OTHERWISE.
 - A CERTIFIED WELDER SHALL PERFORM ALL WELDING WORK. USE PURE TUNGSTEN ELECTRODES FOR WELDING, UNLESS NOTED OTHERWISE. PROVIDE CONTINUOUS MINIMUM SIZED FILLET WELDS IN ACCORDANCE WITH THE AWS D1.2 STRUCTURAL WELDING CODE - ALUMINUM SPECIFICATIONS.
 - DRILL OR PUNCH HOLES IN ALUMINUM. PROVIDE SMOOTH EDGES FOR SLOTTED HOLES. BURNING AND TORCH CUTTING AT THE SITE IS NOT PERMITTED.
 - FIELD REPAIR PERMANENT COATINGS DAMAGED DURING TRANSPORT, ERECTING AND FIELD WELDING TO MATCH THE SHOP APPLIED COATING.

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Coohen
Lafayette
Kokomo
South Haven
Valparaiso

Engineering, Architecture, Land Surveying

PROJECT: **FLOOR REPLACEMENT FOR MHS WEST GYM SCHOOL CITY OF 1202 LINCOLNWAY EAST MISHAWAKA, IN 46544**

STRUCTURAL SPECIFICATIONS AND DETAILS

SHEET TITLE:

MODELED BY: **KRV**

DESIGNED BY: **LP**

PM REVIEW: **SFL**

QA/QC REVIEW: **SFL**

DATE: **3/17/2023**

SEAL:

SIGNATURE:

DATE:

HARD COPY IS INTENDED TO BE 24" x 36" WHEN PLOTTED SCALE(S) INDICATED AND GRAPHIC QUALITY MAY NOT BE ACCURATE FOR ANY OTHER SIZE

SCALE:

UNLESS NOTED OTHERWISE

ACI JOB # **22-1724**

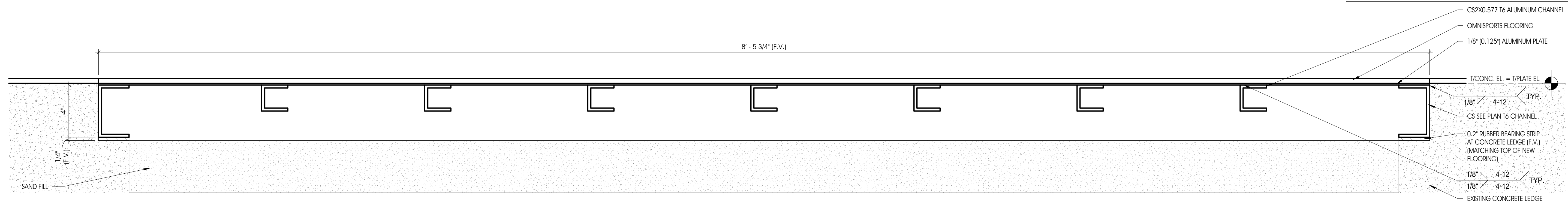
SHEET NO.

S1.0

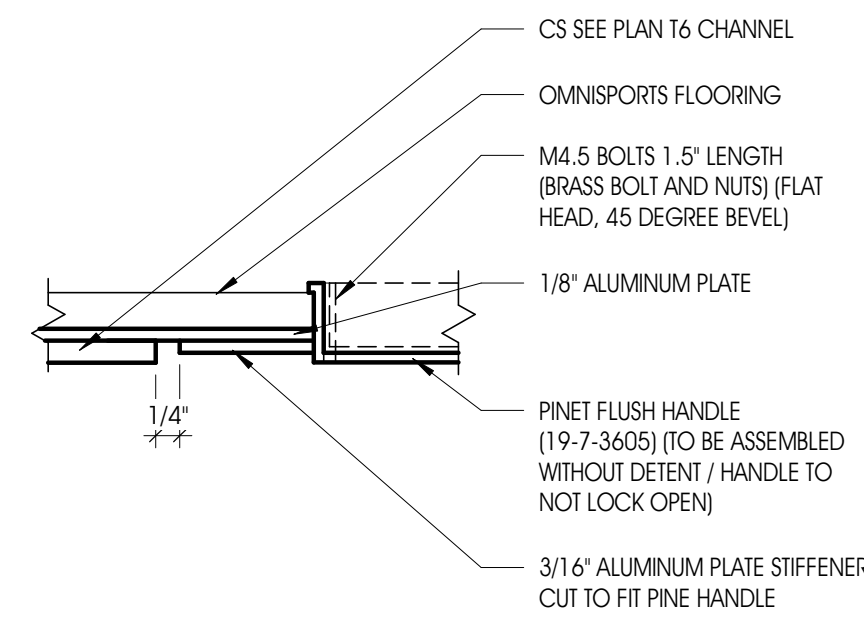
NO.	REVISION DESCRIPTION	BY	DATE

GENERAL NOTES

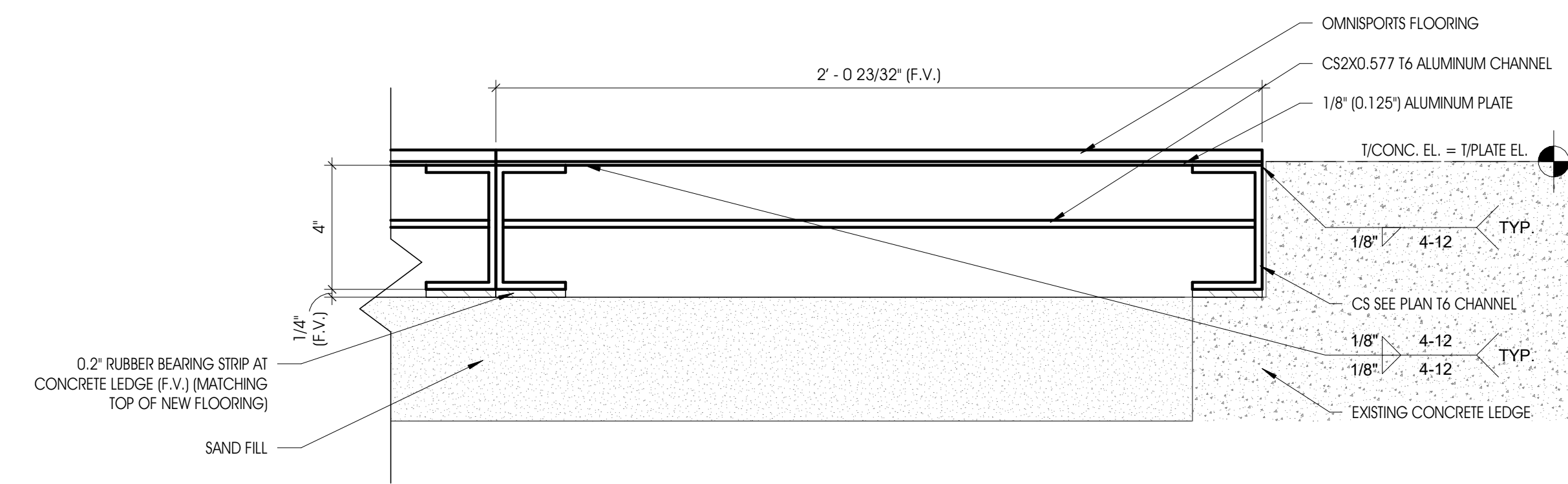
A. CONTRACTOR TO FIELD VERIFY ALL DIM. PRIOR TO CONSTRUCTION



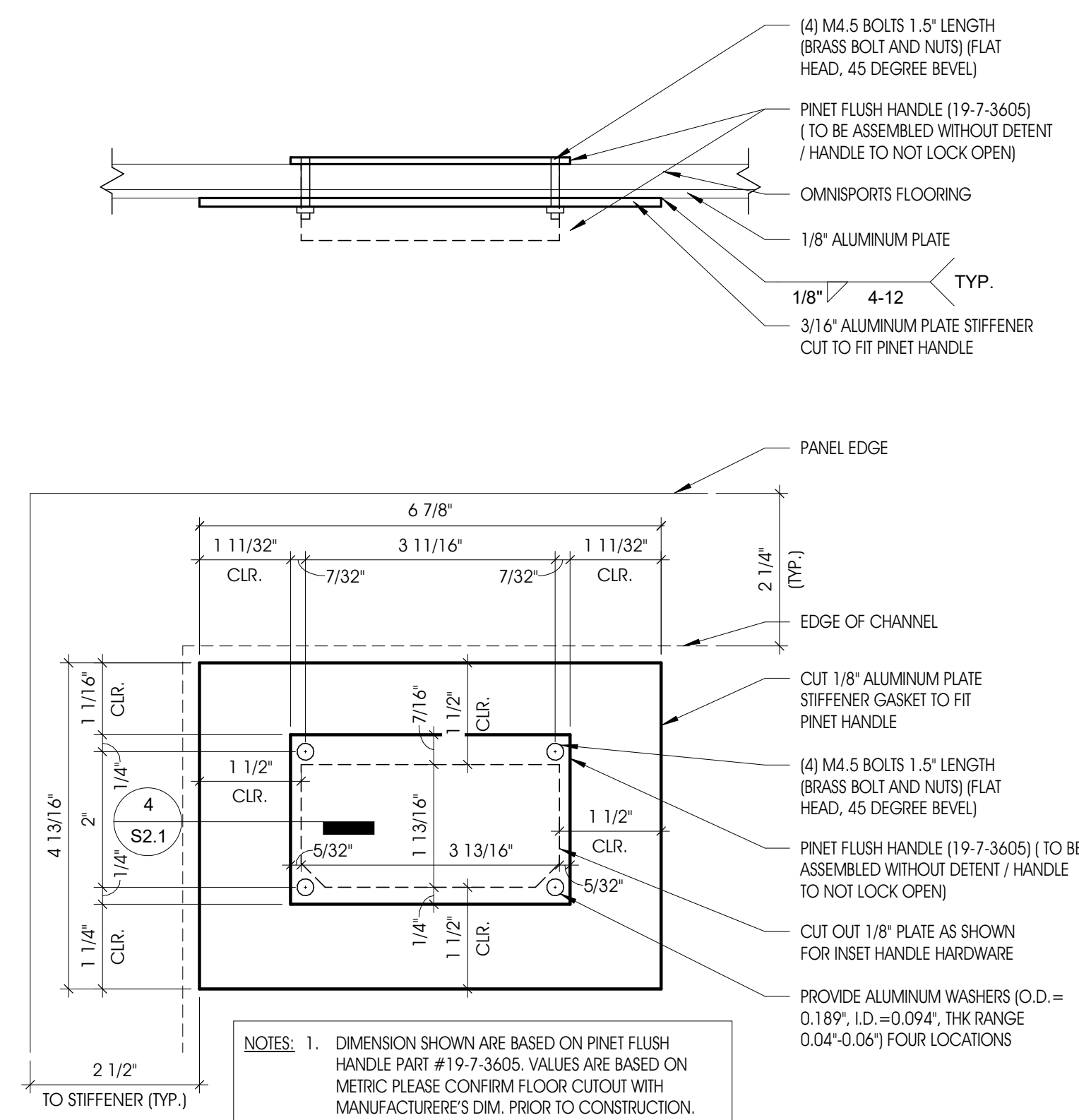
5 LONG JUMP PIT COVER SECTION
S2.1 3' = 1'-0"



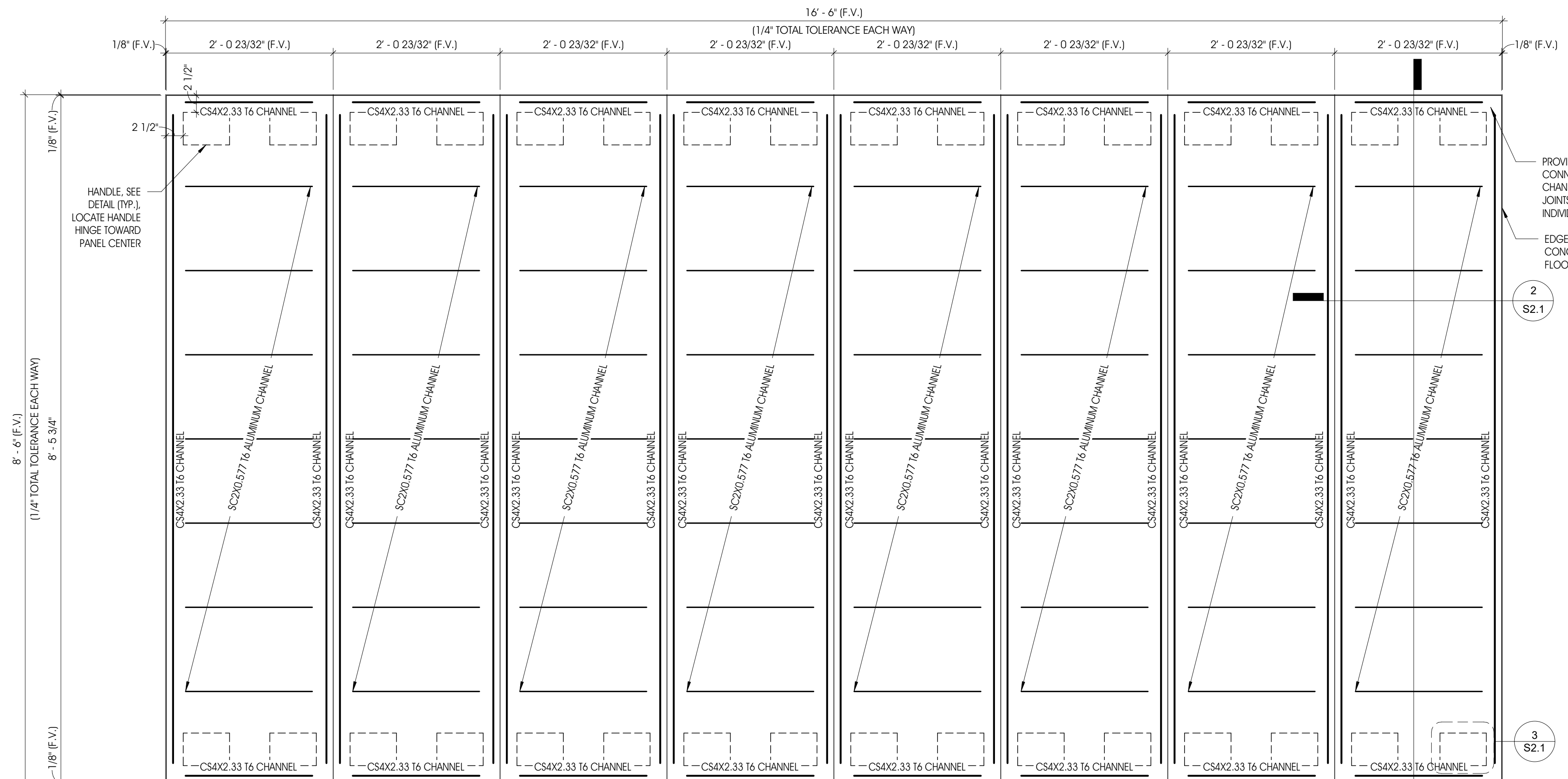
4 HANDLE CUT SECTION
S2.1 6' = 1'-0"



2 LONG JUMP PIT COVER SECTION
S2.1 3' = 1'-0"



3 PURCHASED COMPONENT HANDLE DETAIL (MULTI-USES)
S2.1 6' = 1'-0"



1 LONG JUMP PIT COVER PLAN
S2.1 1" = 1'-0"

NO.	REVISION DESCRIPTION	BY	DATE