

Part 1 ADDENDUM NO.1

1.1 General

- .1 This Addendum is issued prior to tender closing and shall become an integral part of the Tender, Specifications, Drawings and Contract Documents for this project.
- .2 In the event of conflicts between the various Contract Documents, the order of precedence shall be as stipulated in the General Conditions of the Contract, except that this Addendum shall take overall precedence.

Part 2 Drawings

2.1 Add attached Structural Drawings to the package

Part 3 Questions

3.1 Please confirm that there will be one contract for the entire work package and that lowest bidder for the each of individual components listed in BA03 will be selected
One Package will be issued

3.2 Para 1.7 of Section 01 91 51 notes the Building Management Manual (BMM) must have English and French in different binders. There is no stipulation that this contract be delivered in both languages.

- .1 Does the BMM have to be submitted with both English and French binders, or can it be in just one language?**
- .2 Is the contractor required to translate and OEM operating instructions that may be delivered in only one language?**

English Only

3.3 Work of this Contract comprises the interior and exterior renovations of two houses and minor exterior renovations of a facility in Rankin Inlet. Does this solicitation include Rankin Inlet?

No this work is only in Resolute Bay - See attached Modified Section 01 11 00

3.4 The design for the wood framing as shown in the design plans is not up to code. Can the RCMP provide up-to-date designs?

The Tank stands are steel see attached structural drawings.

3.5 Roof repair not is listed as part of the Scope of work. Is this an oversight or was this left out for this solicitation intentionally?

This was an oversight roof repair is part of the scope of work.

3.6 Please confirm who is responsible for the fuel tanks being replaced will be drained with no fuel residue left inside.

Contractor installing new tanks is responsible for removing & transferring fuel from existing tanks to new tanks.

Contractor installing tanks is responsible for removing decommissioned tanks from site to local dump, placing them in the designated area for this material.

END OF SECTION

Part 1 General

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- .1 Work of this Contract comprises the interior and exterior renovations of two houses and minor exterior renovations of a facility building in Resolute Bay, Nunavut. This work includes; labour, materials and shipping of materials, in accordance with the contract documents and as further described herein.

1.2 SCOPE OF WORK

- .1 House – 1 - V397
 - .1 Remove existing windows and replace
 - .2 Remove drywall around windows and insulation and replace
 - .3 Adjust exterior siding to allow for window to be installed correctly
 - .4 Remove and replace all lights with LED lighting
 - .5 Remove existing ceiling in centre module and repair AVB
 - .6 Install new exhaust fans in bathrooms
 - .7 Install new condensate pump for HRV
 - .8 Install new arctic vents for exhaust fans and HRV exhausts and supplies.
 - .9 Roof Repairs
- .2 House 2 – V399
 - .1 Remove existing windows and replace
 - .2 Remove drywall around windows and insulation and replace
 - .3 Adjust exterior siding to allow for window to be installed correctly
 - .4 Remove and replace all lights with LED lighting
 - .5 Remove existing ceiling in centre module and repair AVB
 - .6 Install new exhaust fans in bathrooms
 - .7 Install new condensate pump for HRV
 - .8 Install new arctic vents for exhaust fans and HRV exhausts and supplies.
 - .9 Roof Repairs
- .3 Detachment – V006
 - .1 Remove and repair exterior of detached garage.
 - .2 Add bollards to exterior of detachment.
 - .3 Removal and Replacement of Carpeting in various rooms in detachment.
Contractor is responsible to move the furniture in and out of all of the rooms.
 - .4 Install new gate system between bull Pen and exit corridor.
 - .5 Electrical
 - .1 Remove and replace existing 12V battery packs
 - .2 Remove existing exit signs and install new.
 - .3 Install new emergency light remote heads (LED)

- .4 FUEL TANK REPAIR AND REPLACEMENT
 - .1 V397 – Residence – Remove and replace tank
 - .2 V399 – Residence – Remove and replace tank
 - .3 V006 – Repair Tank Piping

1.3 SITE VERIFICATION

Upon award of the contract contractor is to schedule a site trip to site verify all sizes and dimensions. No additional fees will be considered for materials brought onto site of the wrong size.

1.4 PRICING

- .1 Supply separate prices for the following
 - .1 House V397
 - .2 House V399
 - .3 Detachment V006
 - .4 Fuel Tank Replacement

1.5 WINDOW BLINDS

- .1 Standard of Acceptance:
 - .1 Levelor Roller Blackout blinds, c/w cassette valence, clutch control system, color to be contemporary blackout white.
 - .2 Sunproject dual shade, c/w 1 sun shade and 1 blackout shade, color to be from manufacturers standard set.

1.6 WORK SEQUENCE

- .1 Buildings will remain occupied during the renovation.
- .2 Co-ordinate Progress Schedule with Departmental Representative, Consultant and Local Commander
- .3 Maintain fire access/control at all times.
- .4 The work on the facility building will be done in phases one phase being completed and certified prior to the second phase being started.

1.7 PROTECTION OF REMAINING FIXTURES AND CABINETS

- .1 The contractor is to document photo the condition of the existing cabinetry and fixtures at takeover of the area of work and supply a digital copy to the consultant.
- .2 The contractor is responsible for the protection of all damage caused during the construction process and it will be the responsibility of the contractor to make good to the acceptance of the Project Manager and Consultant.

1.8 CONTRACTOR USE OF PREMISES

- .1 Limit use of premises for storage, and for access to allow:
 - .1 Owner Occupancy
 - .2 Work by other Contractors

.3 Public Usage

- .2 Keep clear products or equipment which may **interfere** with operation of Building or other contractors.
- .3 Assume responsibility for the protection and safekeeping of products under this contract.
- .4 Co-ordinate use of premises under direction of Consultant and Departmental Representative.
- .5 Obtain and pay for use of additional storage or work areas needed for operations under this Contract as required.
- .6 Ensure safe practices and work area to prevent injury or damage to portions of existing work which remain.
- .7 Repair or replace portions of existing work which have been altered during construction operations to match existing or adjoining work, as directed by Consultant.

1.9 OWNER OCCUPANCY

- .1 Houses will be occupied during construction.
- .2 Co-Operate with Owner in scheduling operations to minimize conflict and to facilitate owner usage.

1.10 EXISTING SERVICES

- .1 Notify Consultant and utility companies of intended interruption of services and obtain required permission. Pay fees and obtain certificates and permits required.
- .2 Where Work involves breaking into or connecting to existing services, give 48 hours notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to pedestrian, vehicular traffic and tenant operations.
- .3 Provide alternative routes for personnel and vehicular traffic (if required).
- .4 Establish location and extent of service lines in area of work before starting Work. Notify Consultant of findings.
- .5 Submit schedule to and obtain approval from Consultant and building operations for any shut-down or closure of active service or facility including power and communications services. Adhere to approved schedule and provide notice to affected parties.
- .6 Provide temporary services when directed by Consultant or as required to maintain critical building and tenant systems.
- .7 Provide adequate bridging over trenches which cross sidewalks or roads to permit normal traffic.
- .8 Where unknown services are encountered, immediately advise Consultant and confirm findings in writing.
- .9 Protect, relocate or maintain existing active services. When inactive services are encountered, inform consultant and owner prior to capping off in manner approved by authorities having jurisdiction.
- .10 Record locations on as-built drawings of maintained, re-routed and abandoned service lines.

- .11 Construct barriers in accordance with Section 01 56 00 - Temporary Barriers and Enclosures

1.11 DOCUMENTS REQUIRED

- .1 Maintain at job site, one copy each document as follows:
 - .1 Contract Drawings.
 - .2 Specifications.
 - .3 Addenda.
 - .4 Reviewed Shop Drawings.
 - .5 List of Outstanding Shop Drawings.
 - .6 Change Orders.
 - .7 Other Modifications to Contract.
 - .8 Field Test Reports.
 - .9 Copy of Approved Work Schedule.
 - .10 Health and Safety Plan and Other Safety Related Documents.
 - .11 Other documents as specified.

1.12 CODES AND STANDARDS

- .1 Materials shall be new and work shall conform to the minimum applicable standards of the Canadian General Standards board, the Canadian Standards Association, The National Building Code of Canada 2010, and all applicable Territorial and Municipal codes, and all standards listed below. In the case of conflict or discrepancy the most stringent requirement shall apply.
- .2 Meet or exceed requirements of contract documents, specified standards, codes and referenced documents.

Part 2 Products

2.1 NOT USED

- .1 Not used.

Part 3 Execution

3.1 NOT USED

- .1 Not used.

END OF SECTION

GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO COMMENCING CONSTRUCTION.
- SEE ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, ROUGH OPENING DIMENSIONS FOR WINDOWS, DOORS, ETC.
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS IN FLOORS, ROOF, WALLS, ETC.
- DO NOT CUT OR DRILL OPENINGS IN ANY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD.
- BEACH ROCKE ENGINEERING LTD. SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF REQUIRED SITE INSPECTIONS. (TEL: 1-204-255-7251, FAX: 1-204-257-7239).
- STRUCTURAL DRAWINGS SHOW THE COMPLETED STRUCTURE. THEY DO NOT SHOW COMPONENTS WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND TO ENSURE THAT ALL SUBTRADES CONFORM TO THE LATEST REGULATIONS OF THE PROVINCIAL "BUILDING PROTECTION ACT", TO PROVIDE ALL NECESSARY SAFETY EQUIPMENT AS REQUIRED THEREIN AND TO NOTIFY LOCAL AUTHORITIES AS REQUIRED BY LAW.
- THE CONTRACTOR SHALL CONFORM TO THE COLD WEATHER REQUIREMENTS OF THE CSA STANDARD A23.1/A23.2 AND THE NATIONAL BUILDING CODE.
- IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO LOCATE ALL SITE SERVICES PRIOR TO CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL DESIGN ALL SHORING, FORM WORK, AND BRACING TO ENSURE PROPER CONSTRUCTION AND ERECTION.
- THE CONTRACTOR SHALL VISIT THE SITE, AND NOTE ALL CHARACTERISTICS AND IRREGULARITIES AFFECTING THE WORK OF THIS SECTION.
- SHOP DRAWINGS NOT STAMPED, SIGNED, AND DATED BY THE CONTRACTOR WILL BE RETURNED AND SHALL BE CONSIDERED REJECTED. SHOP DRAWINGS FOR WORK DESIGNED BY THE CONTRACTOR SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER IN THE PROJECTS PROVINCE.
- THE CONTRACTOR SHALL SUBMIT AT LEAST 3 COPIES OF STAMPED SHOP DRAWINGS FOR ALL PRE-FABRICATED STRUCTURAL ASSEMBLIES, INCLUDING REINFORCING STEEL TO BEACH ROCKE ENGINEERING LTD. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL SHOP DRAWINGS, EXCEPT REINFORCING STEEL, SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE PROJECTS PROVINCE.

SLAB-ON-GRADE NOTES:

- ALL SLAB-ON-GRADE WILL EXPERIENCE MOVEMENT AND CRACKING DUE TO HEAVING AND SOIL EXPANSION RESULTING FROM THE NATURE OF THE CLAY SOIL, PREVIOUS AND PRESENT LEVEL OF VEGETATION AT THE SITE, SOIL MOISTURE LEVEL AND CONSTRUCTION PRACTICES. BEACH ROCKE ENGINEERING LTD. ACCEPTS NO LIABILITY FOR THIS CRACKING AND /OR MOVEMENT.

CONCRETE NOTES:

- CONCRETE SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH THE CSA STANDARDS A23.1-09/A23.2-09.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF STANDARD CONCRETE CYLINDER TEST RESULTS CONDUCTED BY AN INDEPENDENT TESTING FIRM FOR EACH DAYS POUR AND AN ADDITIONAL SET OF CYLINDERS FOR EVERY 50 CUBIC METERS POURED AT NO EXTRA COST TO THE OWNER. TEST RESULTS ARE TO BE FORWARDED TO BEACH ROCKE ENGINEERING LTD. IMMEDIATELY UPON RECEIPT FROM THE TESTING FIRM.
- PROVIDE A MINIMUM 150mm (6") VOID UNDER ALL BEAMS, WALLS AND STRUCTURAL SLABS. VOID TO BE SHEARMAT OR APPROVED CARDBOARD VOIDFORM.
- VIBRATE ALL CONCRETE TO ENSURE COMPLETE CONSOLIDATION.
- THE LOCATIONS OF CONSTRUCTION JOINTS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY BEACH ROCKE ENGINEERING LTD.
- WHEN THE OUTSIDE TEMPERATURE FALLS BELOW 5 DEGREES CENTIGRADE, THE CONTRACTOR SHALL CONFORM TO CSA STANDARD A23.1-09/A23.2-09 AND THE NATIONAL BUILDING CODE FOR COLD WEATHER CONCRETING PROCEDURES, AND SHALL RECIEVE WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD. PRIOR TO COMMENCING CONCRETE CONSTRUCTION.
- PROVIDE $\frac{1}{8}$ " x 1" SAW CUTS AT 20' O.C. BOTH WAYS IN FLOOR SLABS UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONCRETE SHALL CONFORM TO THE FOLLOWING:

NAME	CONC. TYPE	STRENGTH	MAX. AGG.	SLUMP(MAX) AIR	EXPOSURE CLASS
SLABS	TYPE 10	32MPA @ 28 DAYS	20mm	120mm 5-8%	C-2

REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL BE NEW BILLET DEFORMED BARS MANUFACTURED AND DETAILED IN ACCORDANCE WITH CAN/CSA-G30.18-M92, WITH MINIMUM YEILD STRENGTH AS FOLLOWS: 10M BARS-300MPA, 15M BARS & LARGER - 400MPA.
- REINFORCING STEEL SHALL BE FREE FROM LOOSE RUST, MUD, OIL OR OTHER COATINGS WHICH MAY REDUCE THE BOND OR HARM THE CONCRETE.
- REINFORCING STEEL SHALL BE HELD IN PLACE AND TIED WITH PROPER ACCESSORIES SUCH AS HI-CHAIRS, SPACERS, TIES, ETC. SUPPLIED BY THE REINFORCING STEEL PROVIDER. APPROPRIATE SUPPORT SHALL BE PROVIDED UNDER ALL SUPPORT ACCESSORIES TO ENSURE THAT THE REINFORCING STEEL IS ACCURATELY POSITIONED.
- LAP TOP BARS AT MID-SPAN AND BOTTOM BARS OVER SUPPORTS.
- BEND ALL HORIZONTAL STEEL 18" AROUND CORNERS, OR USE EXTRA 36"x36" CORNER BARS TO MATCH HORIZONTALS.
- PROVIDE 2-15M AROUND ALL SLAB, WALL, & BEAM OPENINGS, UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS.
- CONCRETE COVER TO REINFORCING STEEL SHALL BE AS FOLLOWS:
 - CONCRETE CAST IN DIRECT CONTACT WITH SOIL - 75mm (3")
 - FORMED CONCRETE IN CONTACT WITH SOIL 15M OR SMALLER - 50mm (2")
 - FORMED CONCRETE IN CONTACT WITH SOIL 20M OR LARGER - 40mm (1 1/2")
 - FORMED CONCRETE NOT IN CONTACT WITH SOIL (BEAMS AND COLUMNS) - 40mm (1 1/2")
 - FORMED CONCRETE NOT IN CONTACT WITH SOIL (SLABS AND WALLS) - 20mm (3/4")
- MISCELLANEOUS CONCRETE HOUSEKEEPING PADS AND CURBS SHALL BE REINFORCED WITH A MINIMUM 10M AT 18" O.C. EACH WAY UNLESS NOTED. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

STRUCTURAL STEEL NOTES:

- STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE CAN/CSA-S16-09 BY FULLY CERTIFIED MEMBERS OF THE CANADIAN INSTITUTE OF STEEL CONSTRUCTION.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE CAN/CSA G40.21-350W CLASS C TO SIZES AND SHAPES INDICATED ON THE DRAWINGS. NO SUBSTITUTIONS IN GRADES OR SIZES ARE PERMITTED WITHOUT WRITTEN APPROVAL OF BEACH ROCKE ENGINEERING LTD. ALL ANGLES AND PLATES TO BE G40.21-300W.
- ALL FABRICATION SHALL BE CARRIED OUT IN PLANT FACILITIES CERTIFIED BY THE CANADIAN WELDING BUREAU TO CSA S16-09 AND S136. SITE FABRICATION IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD.
- ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CSA W59 BY WELDERS FULLY CERTIFIED FOR STRUCTURAL WELDING BY THE CANADIAN BUREAU TO CSA W47.1. ALL BASE AND CAP PLATES SHALL BE FULLY WELDED TO COLUMNS.
- STRUCTURAL FASTENERS SHALL BE A325 BOLTS. ANCHOR BOLTS SHALL BE 18" LG. C/W 3"HOOK (A307) UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS. BASE AND CAP PLATES TO BE 3/4" THICK. CAP PLATES TO HAVE MIN. 4 BOLT (A325) CONNECTION UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
- PROVIDE TEMPORARY GUYING AND BRACING AS NECESSARY TO PROVIDE STABILITY FOR THE WHOLE STRUCTURE UNTIL DECKING AND PERMANENT BRACING ARE SECURED IN PLACE.
- PROVIDE 3/8" STIFFENER PLATES IN ALL BEAMS CONTINUOUS OVER SUPPORTS. HOLES ARE NOT PERMITTED IN THE TOP FLANGES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- CLEAN ALL FIELD WELDS AND TOUCH UP WITH PRIMER TO MATCH SHOP COAT - ZINC PAINT
- DESIGN AND FABRICATE CONNECTIONS FOR THE FULL STRENGTH OF THE MEMBER. SPLICING OF MEMBERS IS NOT PERMITTED UNLESS WRITTEN APPROVAL FROM THE DESIGN ENGINEER HAS BEEN PROVIDED.
- ALL STEEL SHALL BE GALVANIZED.**
- STRUCTURAL STEEL SUPPLIER SHALL PROVIDE STAMPED SHOP DRAWINGS TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

STRUCTURAL DRAWING LIST:

- S1 - STRUCTURAL PROJECT NOTES
- S2 - TYP TANK SLAB, BOLLARD AND BASE PLATE DETAILS & ISOMETRIC VIEW OF METAL STAND
- S3 - CONNECTION #1 DETAILS
- S4 - CONNECTION #2 DETAILS
- S5 - TANK #1 - PLAN VIEW OF TANK ON SLAB
- S6 - TANK #1 - ELEVATIONS OF TANK ON SLAB
- S7 - TANK #2 - PLAN VIEW OF TANK ON LOW METAL STAND
- S8 - TANK #2 - ELEVATIONS OF LOW METAL STAND
- S9 - TANK #2 -ELEVATIONS OF LOW METAL STAND
- S10 - TANK #3 - PLAN VIEW OF TANK ON HIGH METAL STAND
- S11 - TANK #3 - ELEVATIONS OF HIGH METAL STAND
- S12 - TANK #3 - ELEVATIONS OF HIGH METAL STAND
- S13 - TANK #4 - PLAN VIEW OF TANK ON LOW DOUBLE METAL STAND
- S14 - TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
- S15 - TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
- S16 - TANK #5 - PLAN VIEW OF TANK ON HIGH DOUBLE METAL STAND
- S17 - TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND
- S18 - TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
PROJECT NOTES

PROJECT NUMBER:
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. # | REVISION | DATE (YY MM DD) | REV. BY

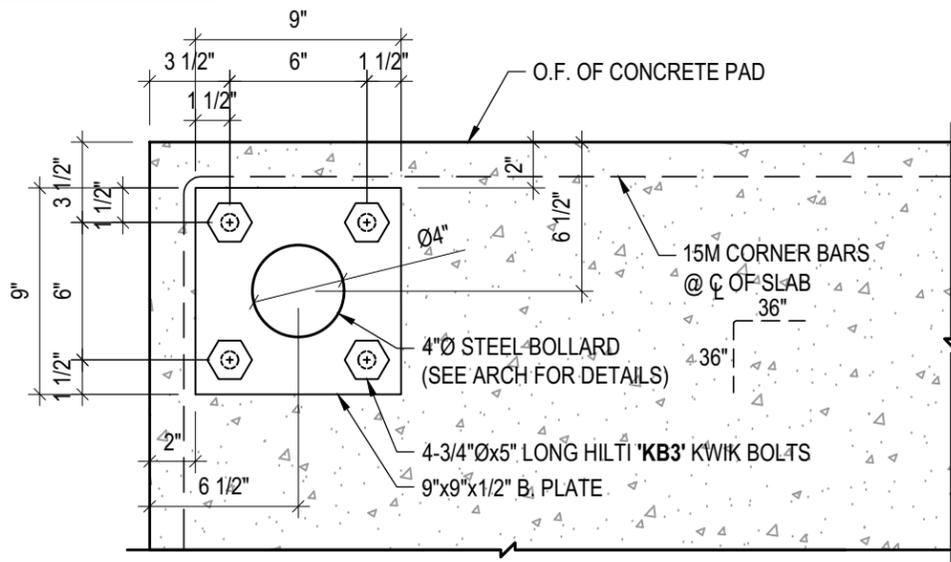
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DATE (YY MM DD):
17 06 12

DRAWING NUMBER:

S1

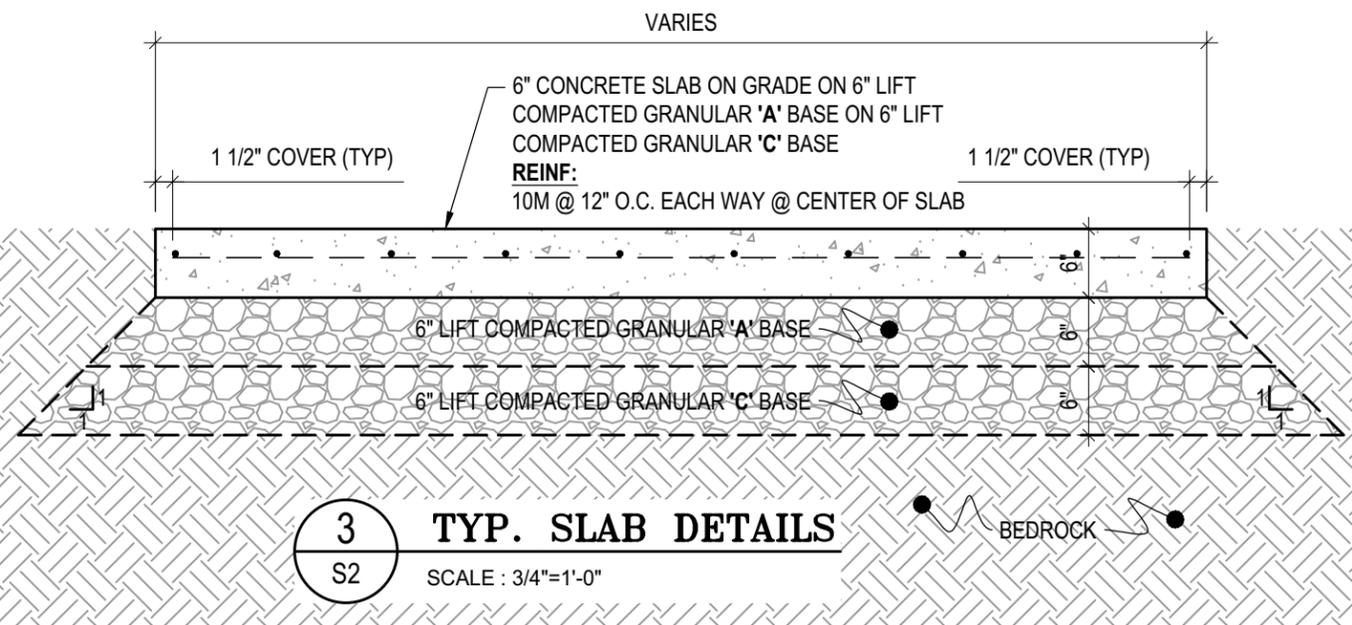
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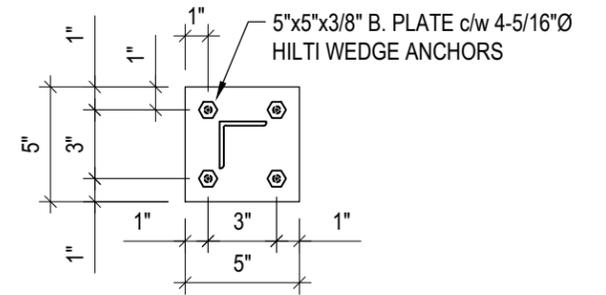
1 TYP BOLLARD BASE PLATE DETAILS
S2 SCALE : 1 1/2"=1'-0"

NOTES:

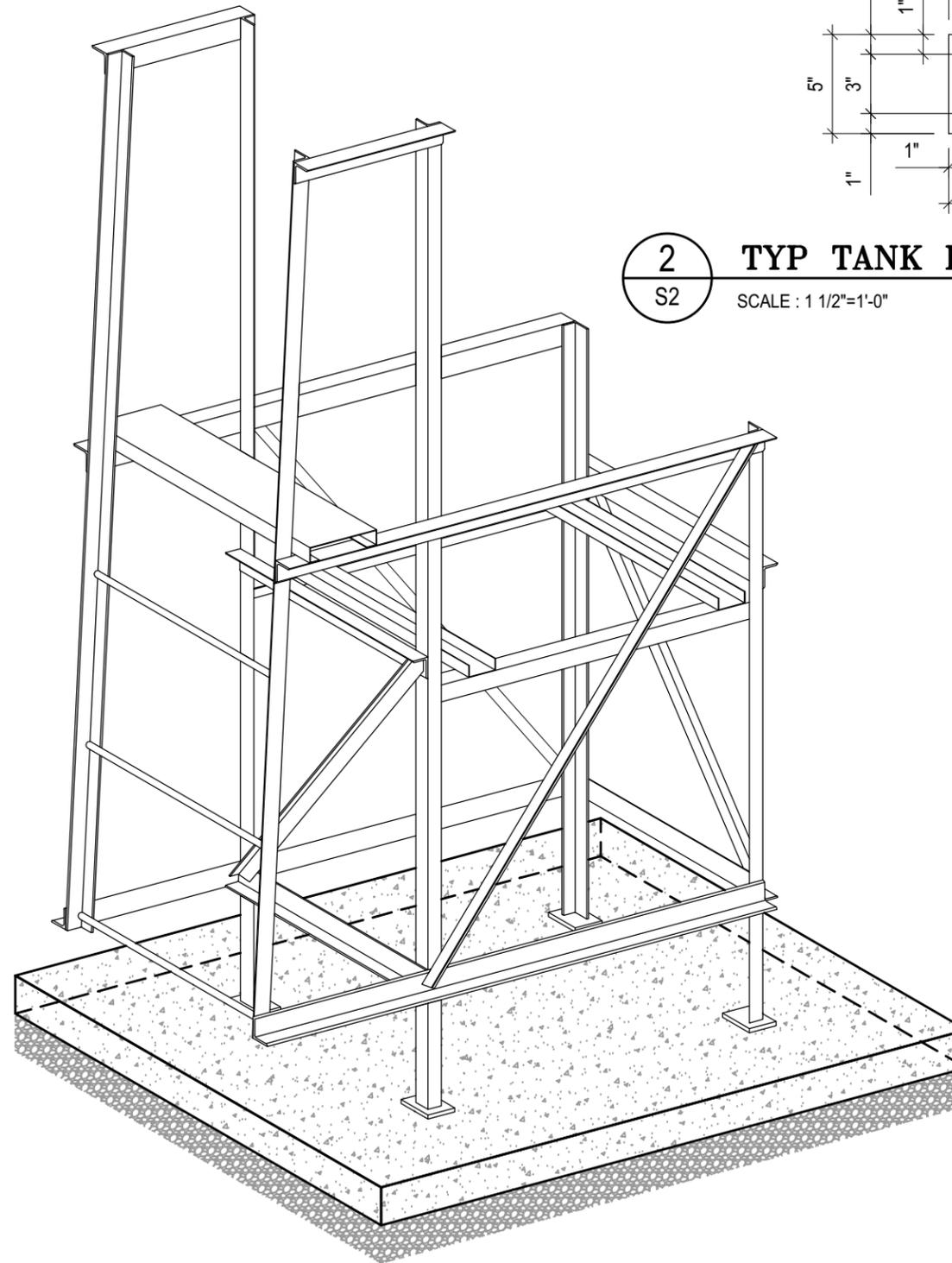
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
- CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



3 TYP. SLAB DETAILS
S2 SCALE : 3/4"=1'-0"

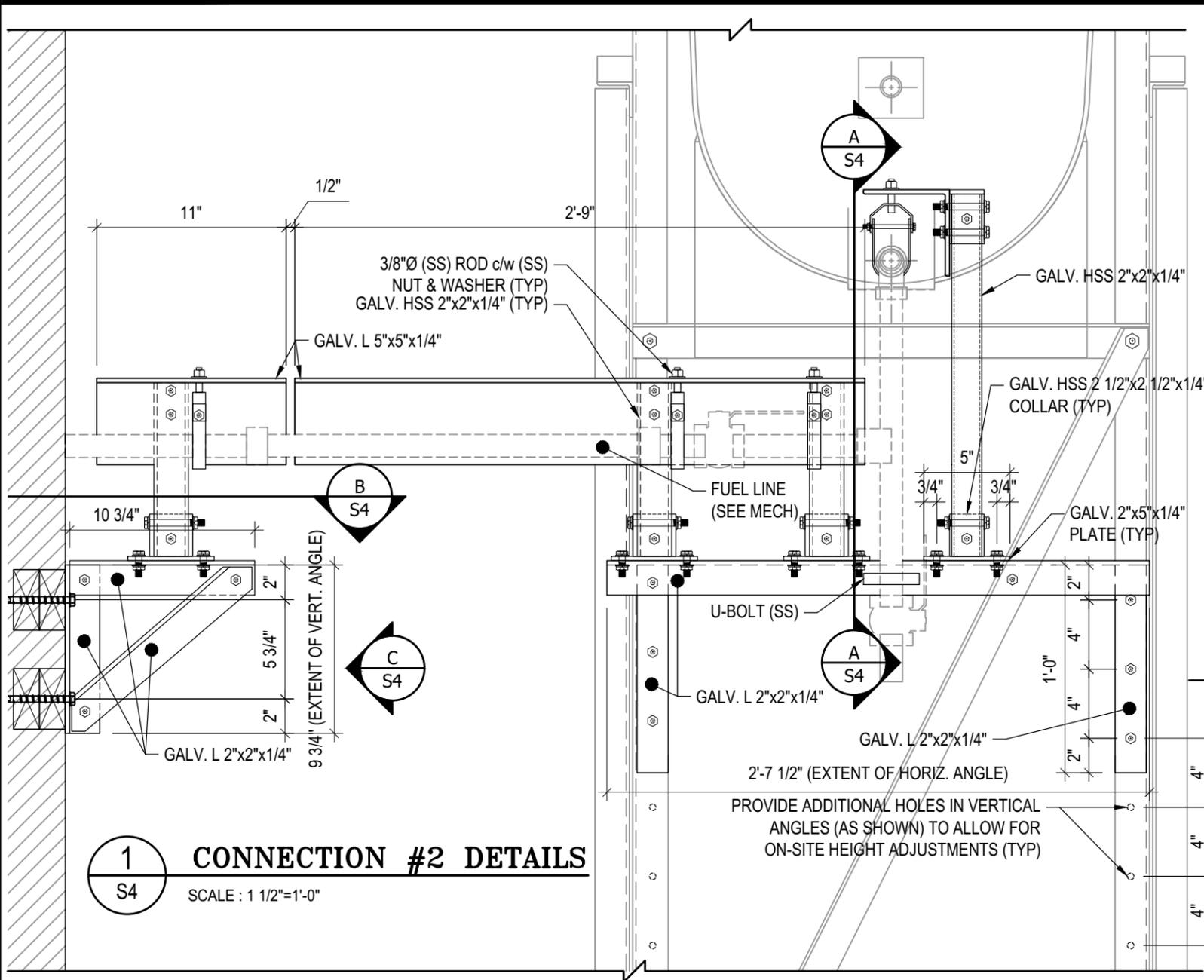


2 TYP TANK BASE PLATE DETAIL
S2 SCALE : 1 1/2"=1'-0"



4 TYP. ISOMETRIC VIEW OF METAL STANDS
S2 NOT TO SCALE

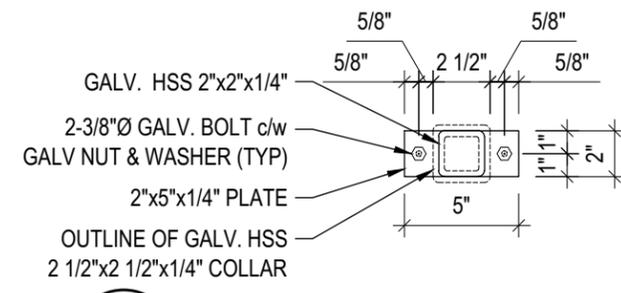




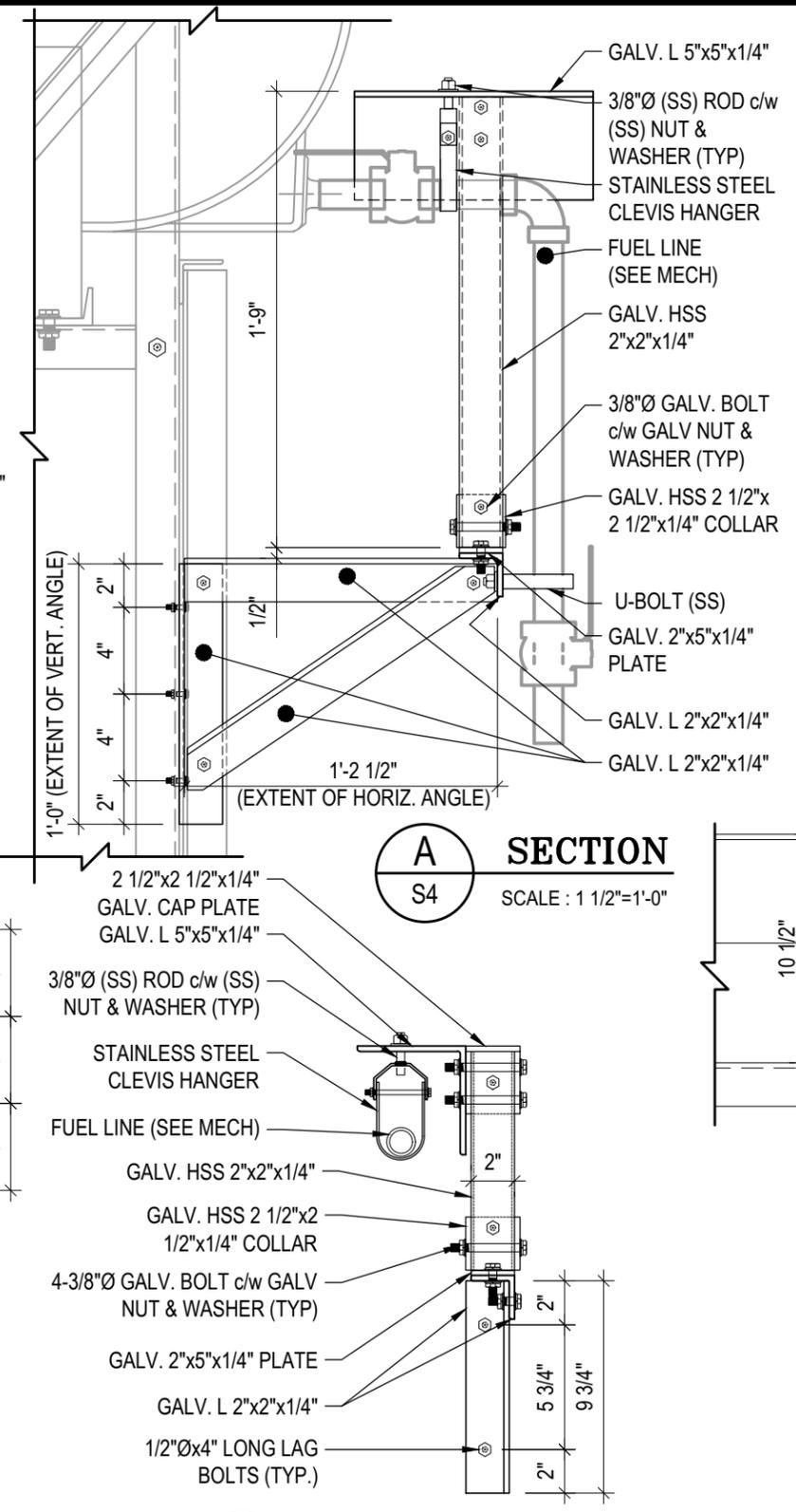
1 CONNECTION #2 DETAILS
S4 SCALE : 1 1/2"=1'-0"

NOTES:

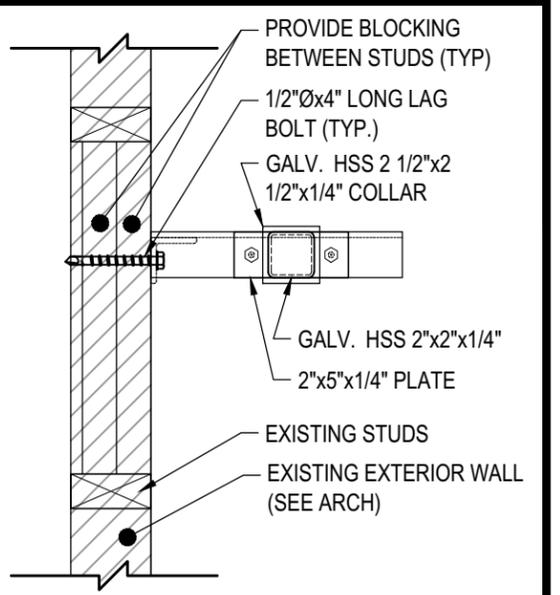
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
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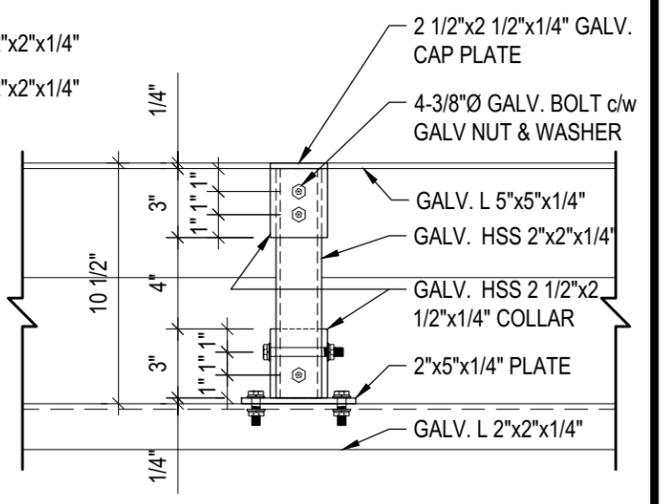
E STAND PLATE DETAILS
S4 SCALE : 1 1/2"=1'-0"



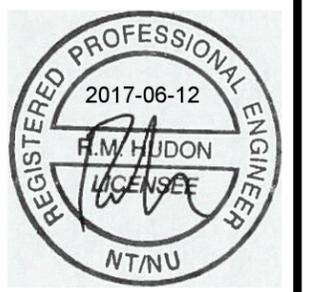
C ELEVATION
S4 SCALE : 1 1/2"=1'-0"



B SECTION
S4 SCALE : 1 1/2"=1'-0"



D STAND DETAILS
S4 SCALE : 1 1/2"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
CONNECTION #2 DETAILS

PROJECT NUMBER:
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

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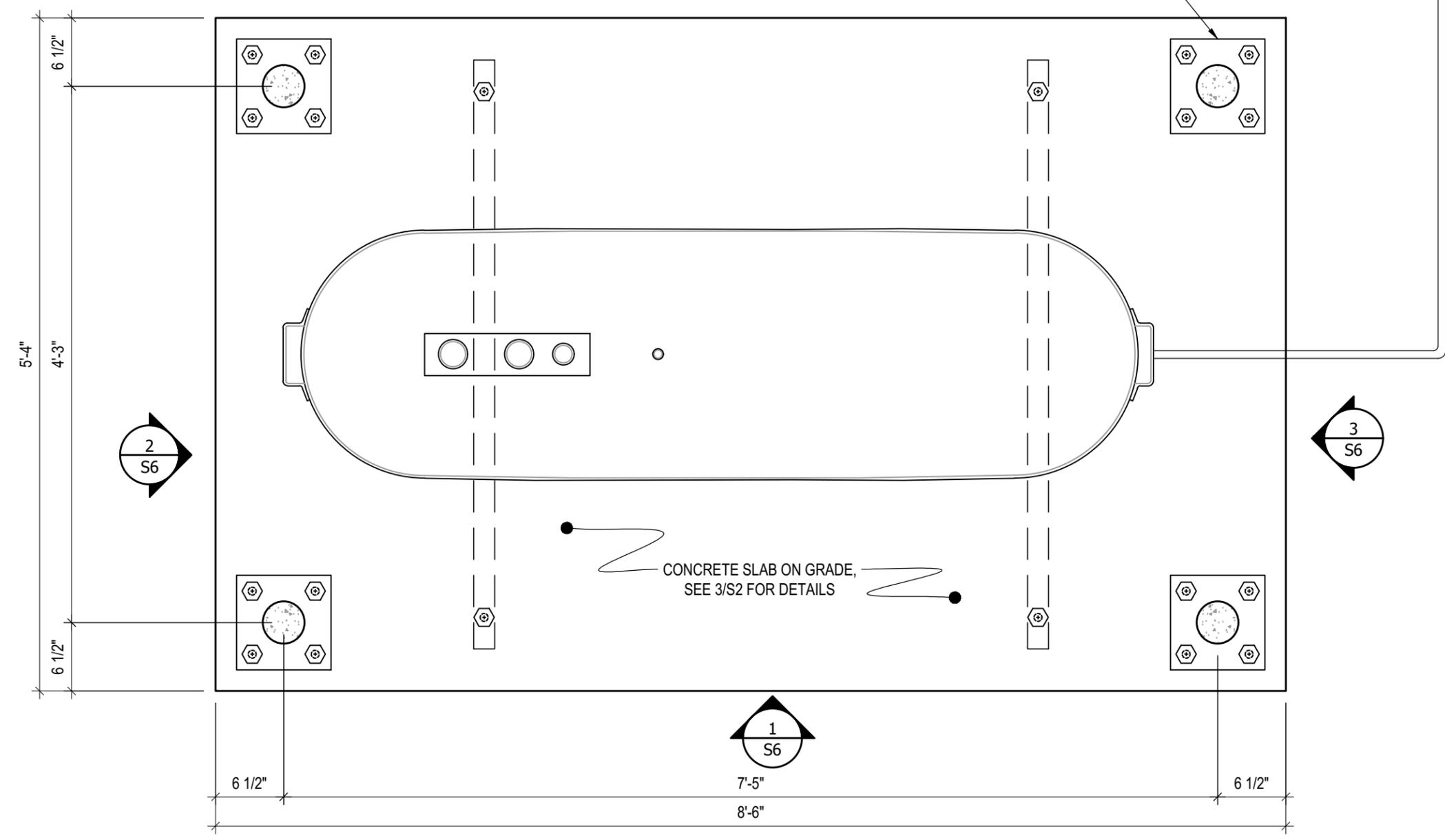
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DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S4

REVISION NUMBER:
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CONCRETE BOLLARD BASE PLATE. SEE 1/S2 FOR STRUCTURAL DETAILS, SEE MECHANICAL DRAWINGS FOR LOCATION AND NUMBER OF BOLLARDS REQUIRED FOR EACH CONCRETE PAD BASE



1 PLAN VIEW - TANK #1
S5 SCALE : 1"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #1 - PLAN VIEW
PROJECT NUMBER:
17-122-CG-39

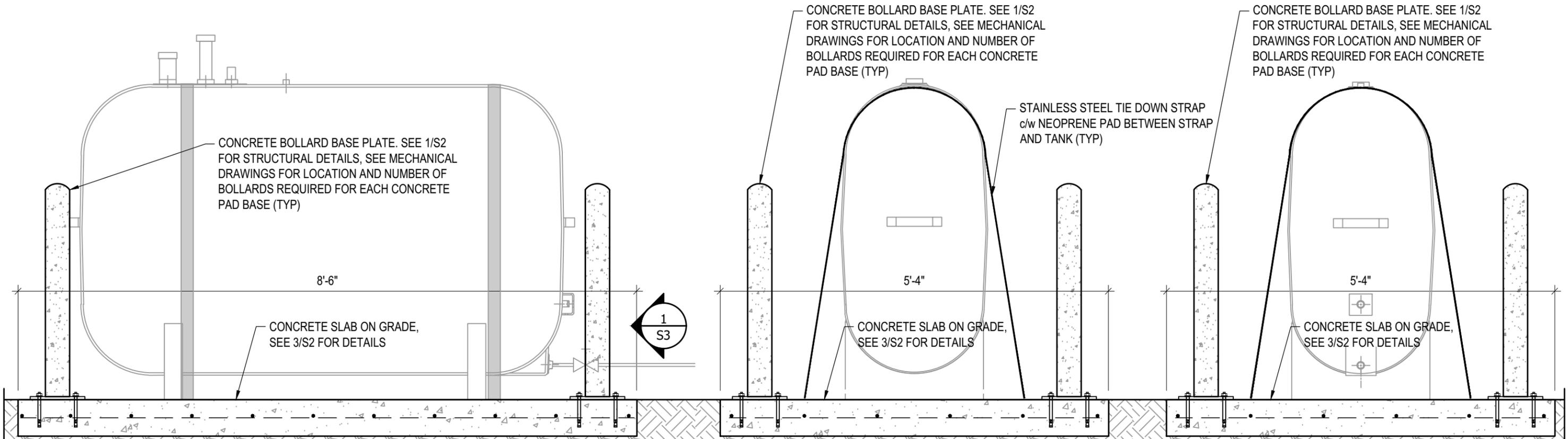


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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S5
REVISION NUMBER:
00



1 FRONT ELEVATION - TANK #1
 S6 SCALE : 3/4"=1'-0"

2 LEFT ELEVATION - TANK #1
 S6 SCALE : 3/4"=1'-0"

3 RIGHT ELEVATION - TANK #1
 S6 SCALE : 3/4"=1'-0"



PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT
 SHEET TITLE:
 TANK #1 - ELEVATIONS
 PROJECT NUMBER:
 17-122-CG-39

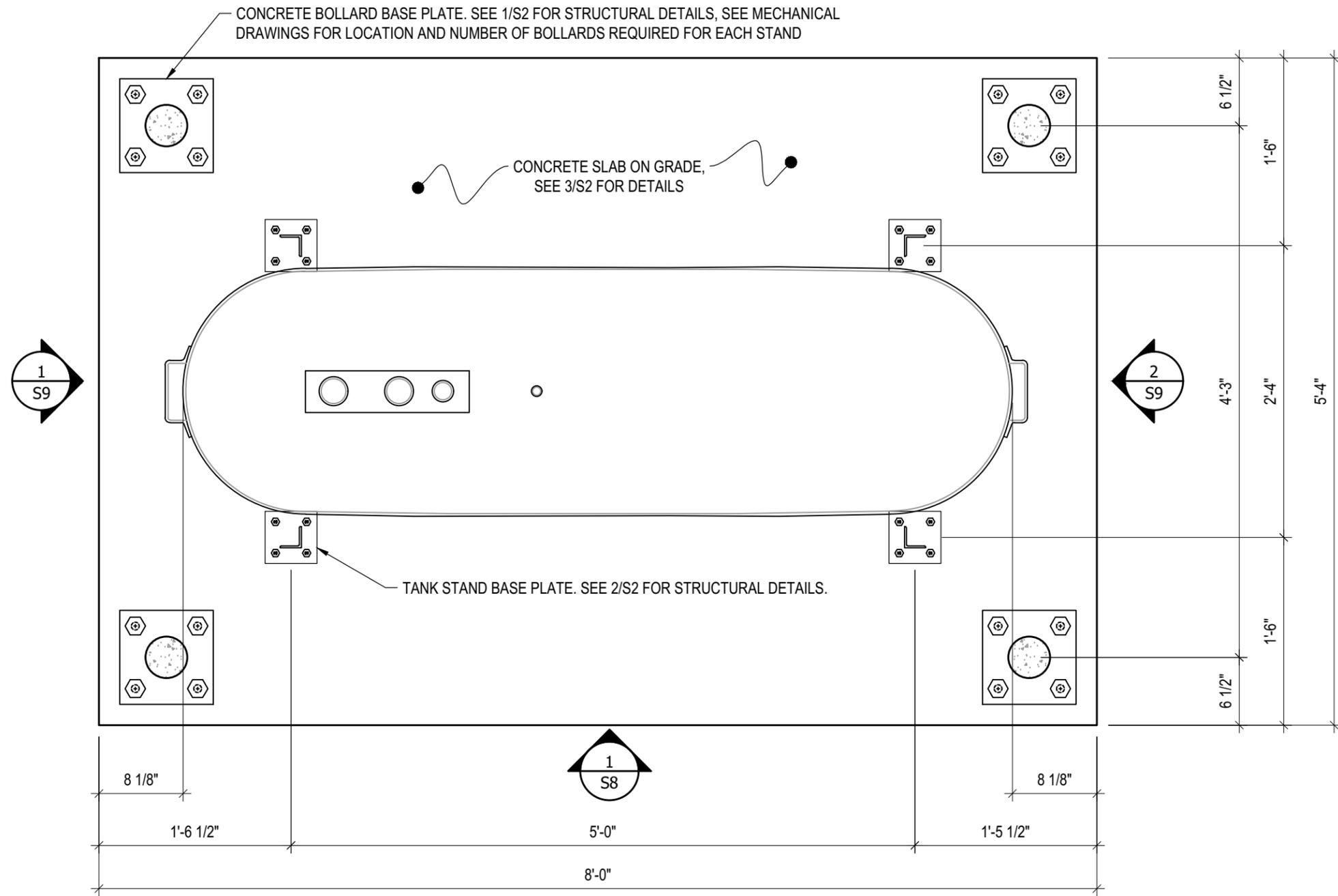


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SCALE:
 AS NOTED
 DATE (YY MM DD):
 17 06 12

DRAWING NUMBER:
S6
 REVISION NUMBER:
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1 PLAN VIEW - TANK #2
 S7 SCALE : 1"=1'-0"



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 SHEET TITLE:
 TANK #2 - PLAN VIEW
 PROJECT NUMBER:
 17-122-CG-39



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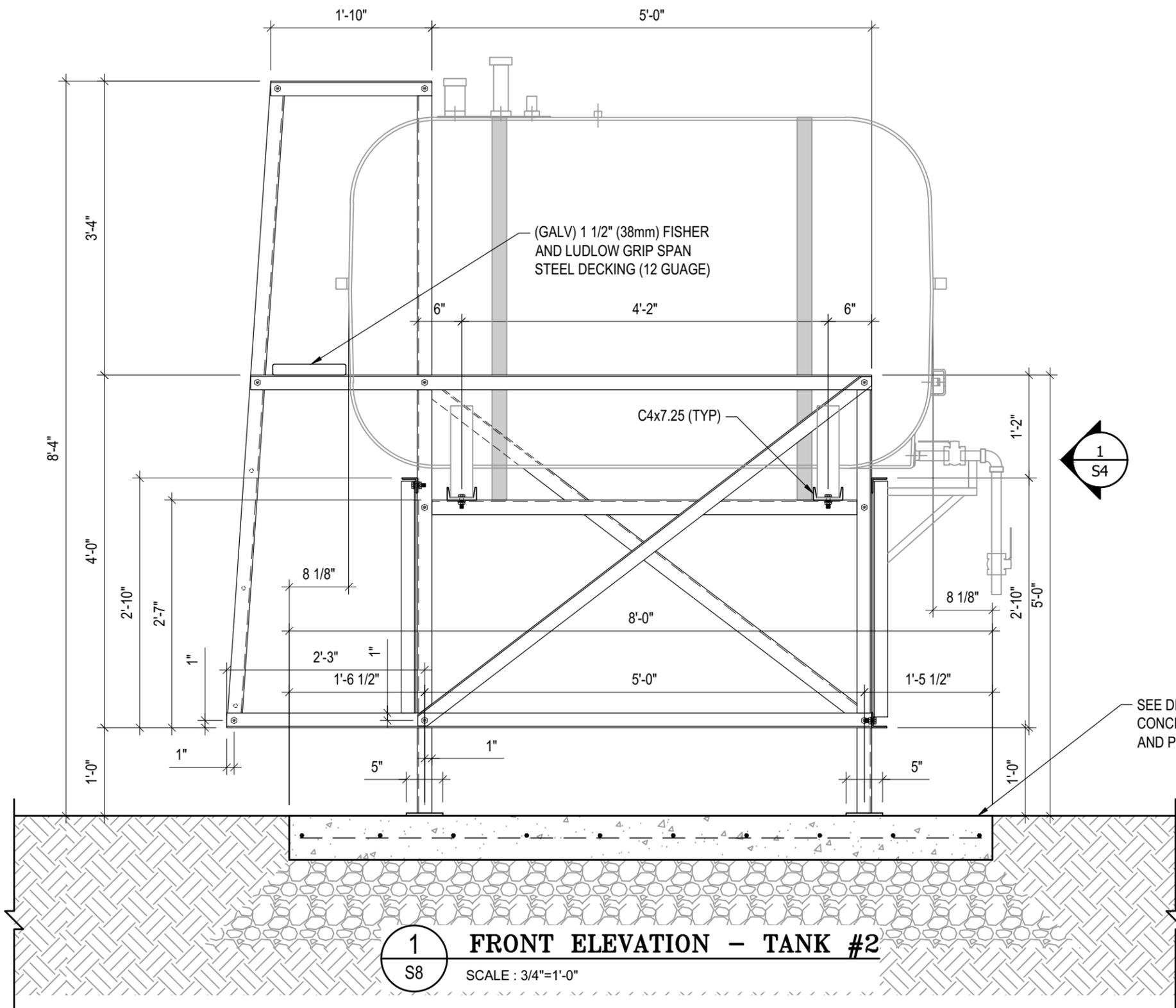
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 17 06 12

DRAWING NUMBER:

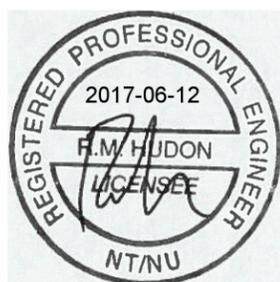
S7

REVISION NUMBER:
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- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



1
S8 FRONT ELEVATION - TANK #2
SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
TANK #2 - ELEVATIONS

PROJECT NUMBER:
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED

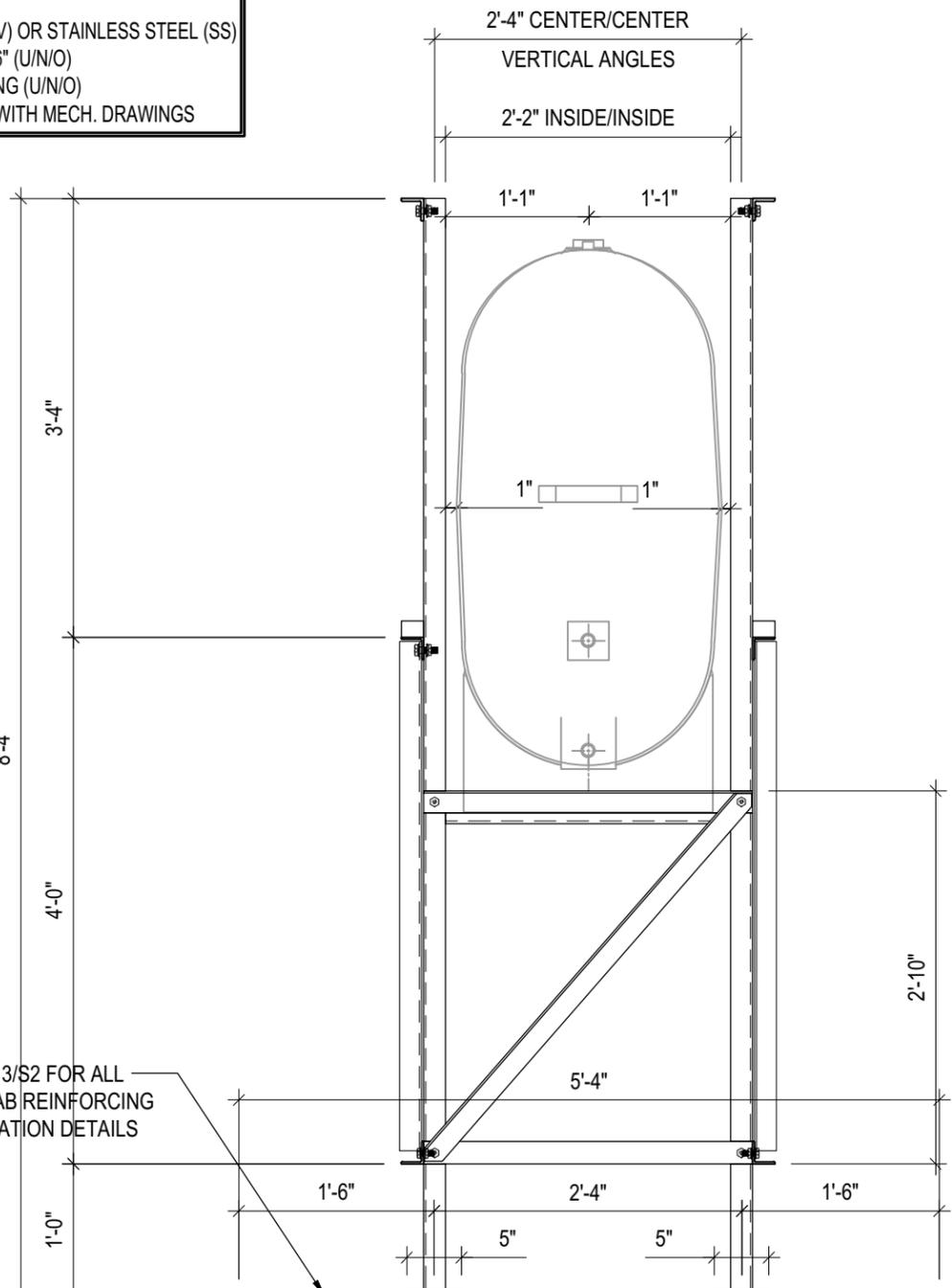
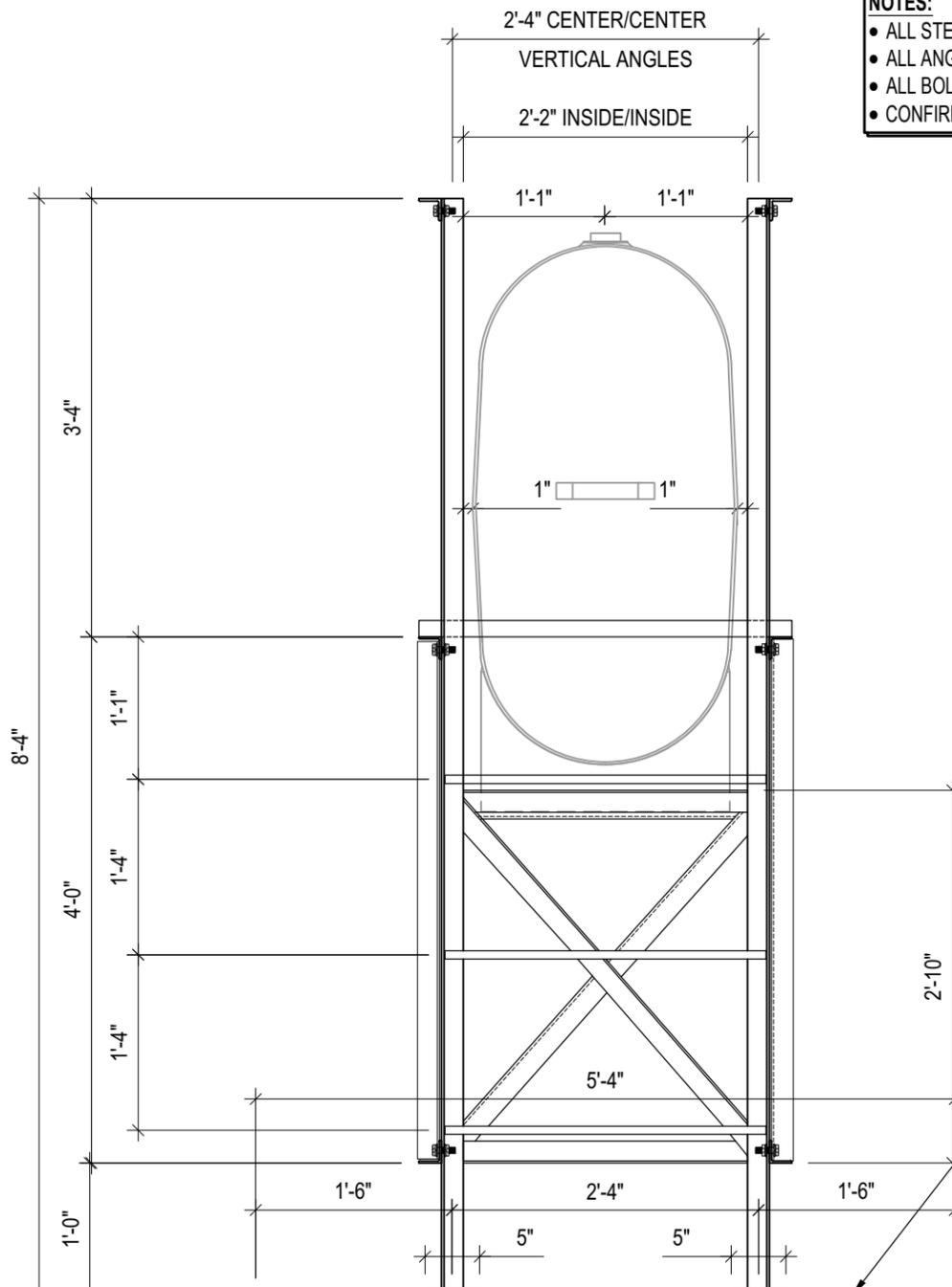
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S8

REVISION NUMBER:
00

NOTES:

- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
- ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
- ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
- CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



SEE DETAIL 3/S2 FOR ALL CONCRETE SLAB REINFORCING AND PREPARATION DETAILS

1 LEFT ELEVATION - TANK #2
S9 SCALE : 3/4"=1'-0"

2 RIGHT ELEVATION - TANK #2
S9 SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #2 - ELEVATIONS
PROJECT NUMBER:
17-122-CG-39

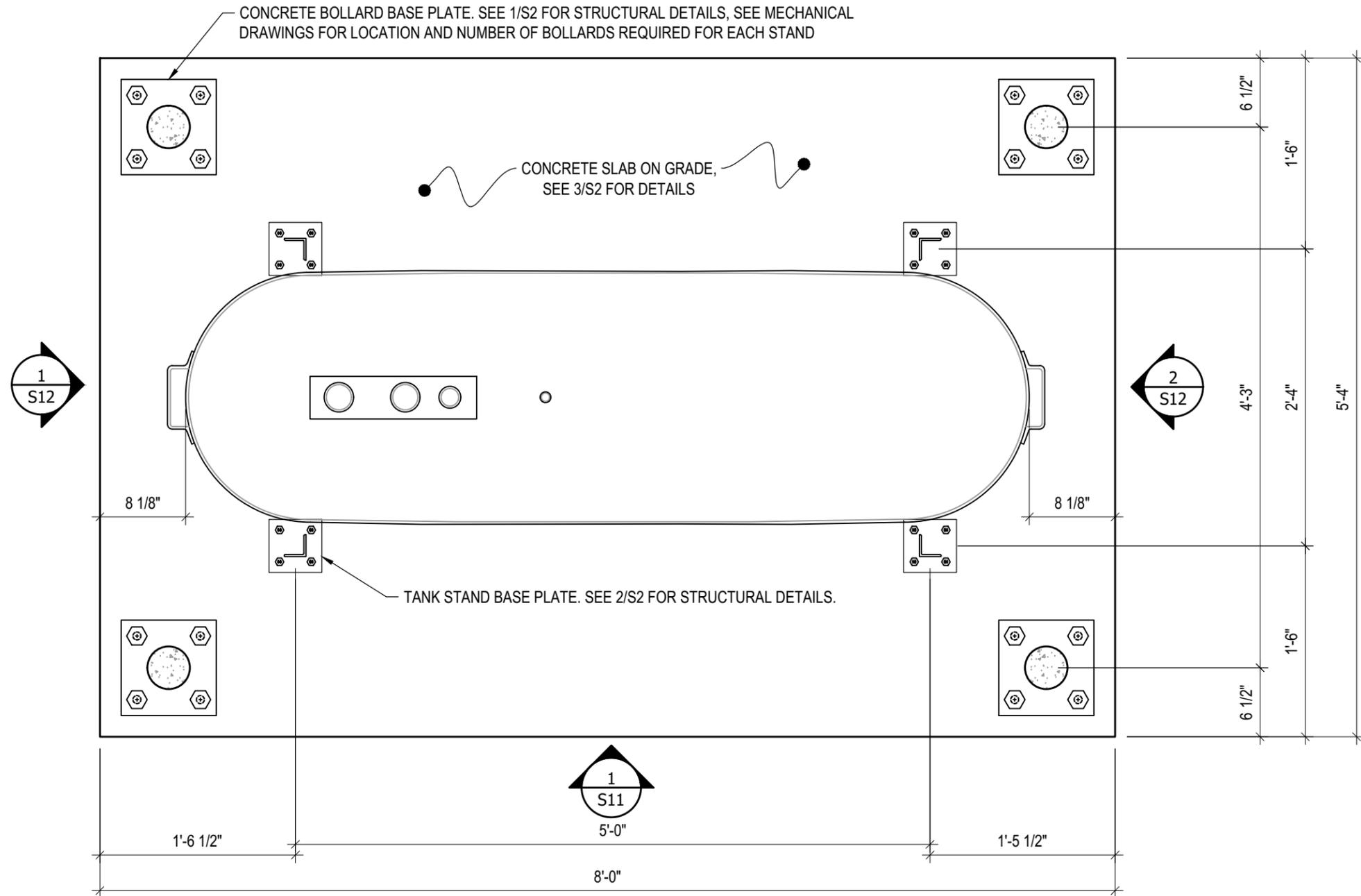


03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S9
REVISION NUMBER:
00



1 PLAN VIEW - TANK #3
 S10 SCALE : 1"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
TANK #3 - PLAN VIEW

PROJECT NUMBER:
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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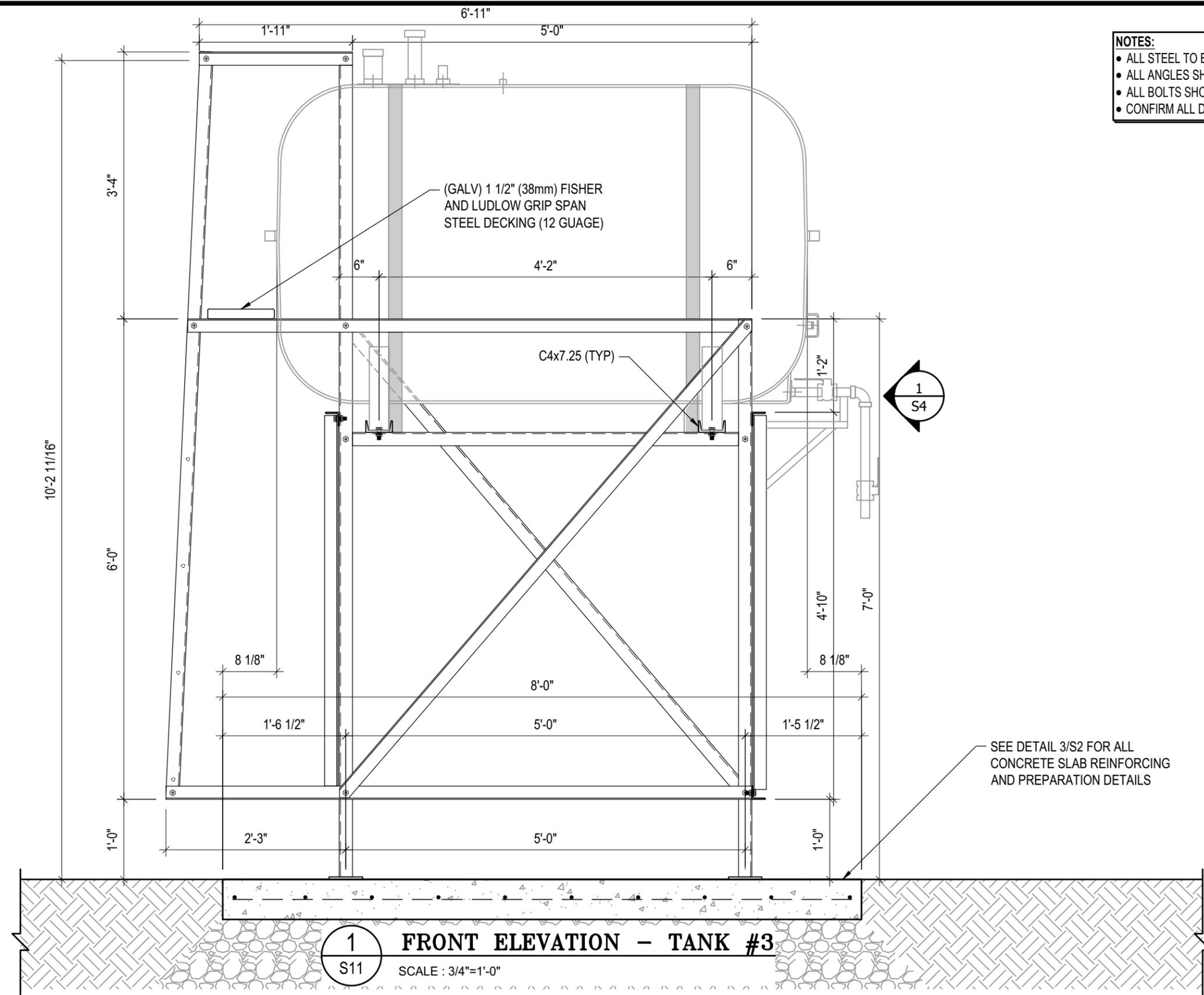
SCALE:
AS NOTED

DATE (YY MM DD):
17 06 12

DRAWING NUMBER:

S10

REVISION NUMBER:
00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
TANK #3 - ELEVATIONS

PROJECT NUMBER:
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

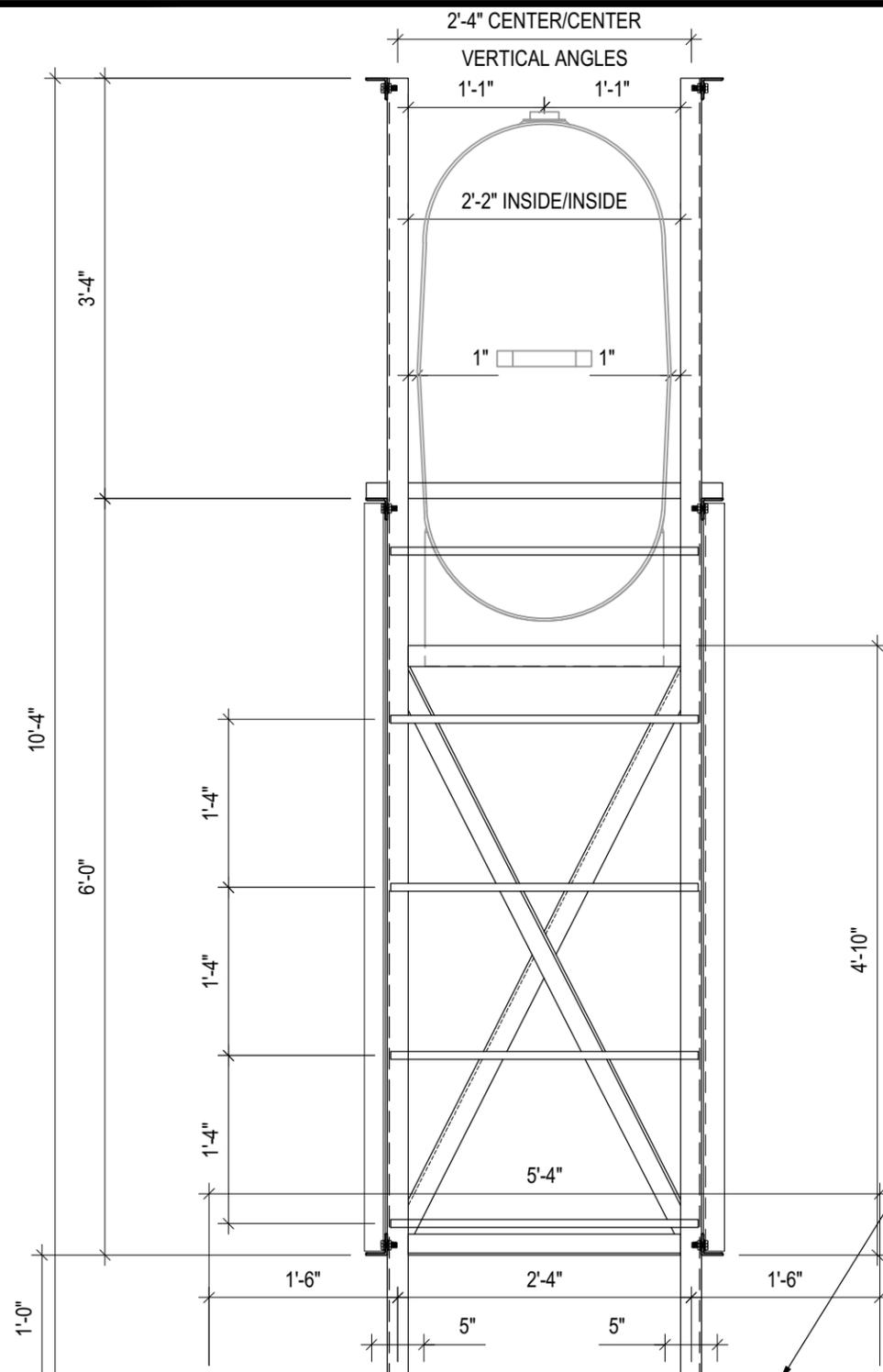
REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED

DATE (YY MM DD):
17 06 12

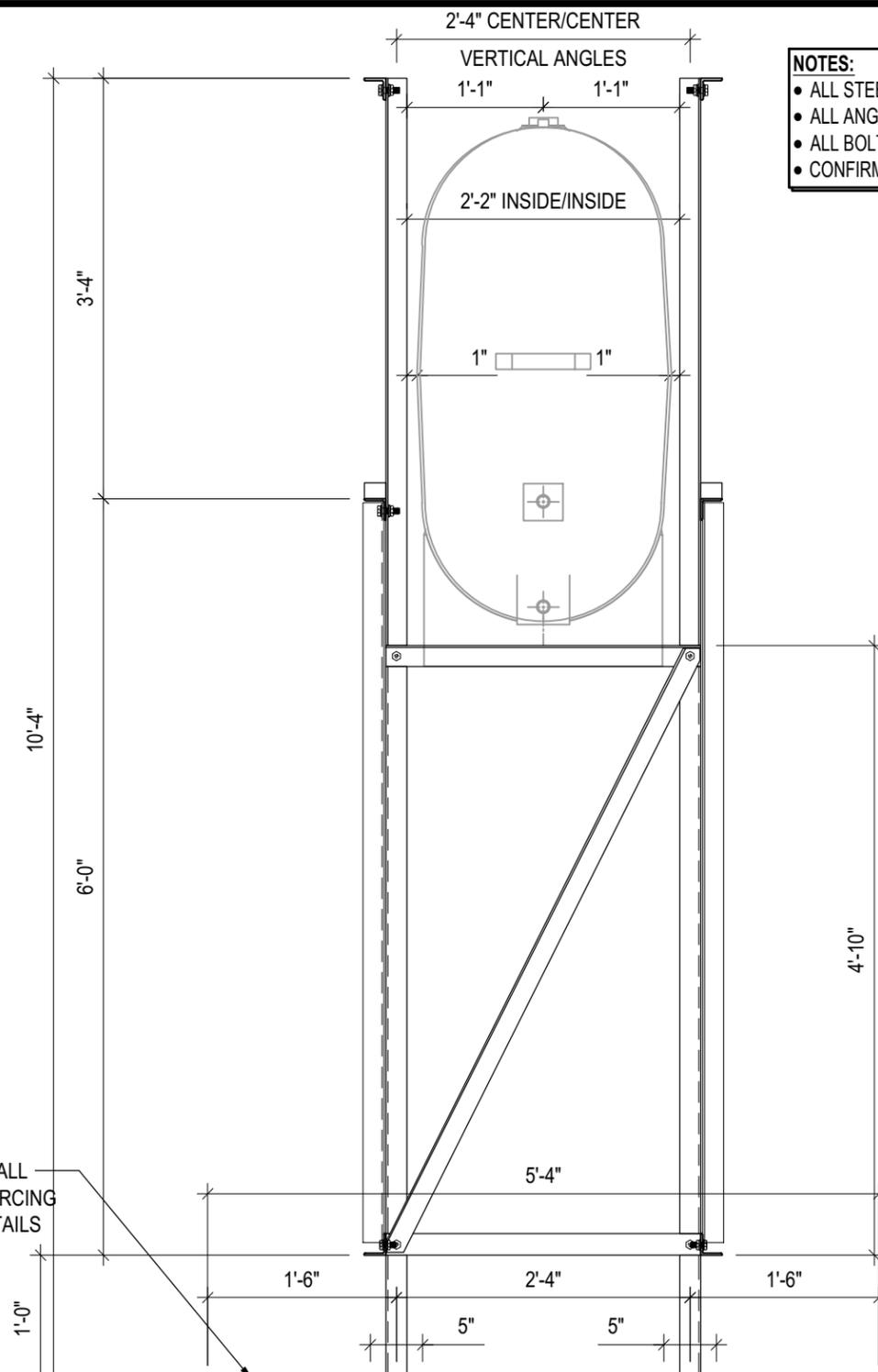
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S11

REVISION NUMBER:
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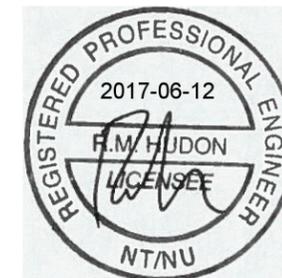
1 LEFT ELEVATION - TANK #3
S12 SCALE : 3/4"=1'-0"

SEE DETAIL 3/S2 FOR ALL
CONCRETE SLAB REINFORCING
AND PREPARATION DETAILS



2 RIGHT ELEVATION - TANK #3
S12 SCALE : 3/4"=1'-0"

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #3 - ELEVATIONS
PROJECT NUMBER:
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

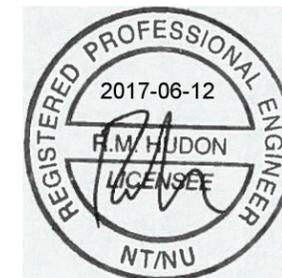
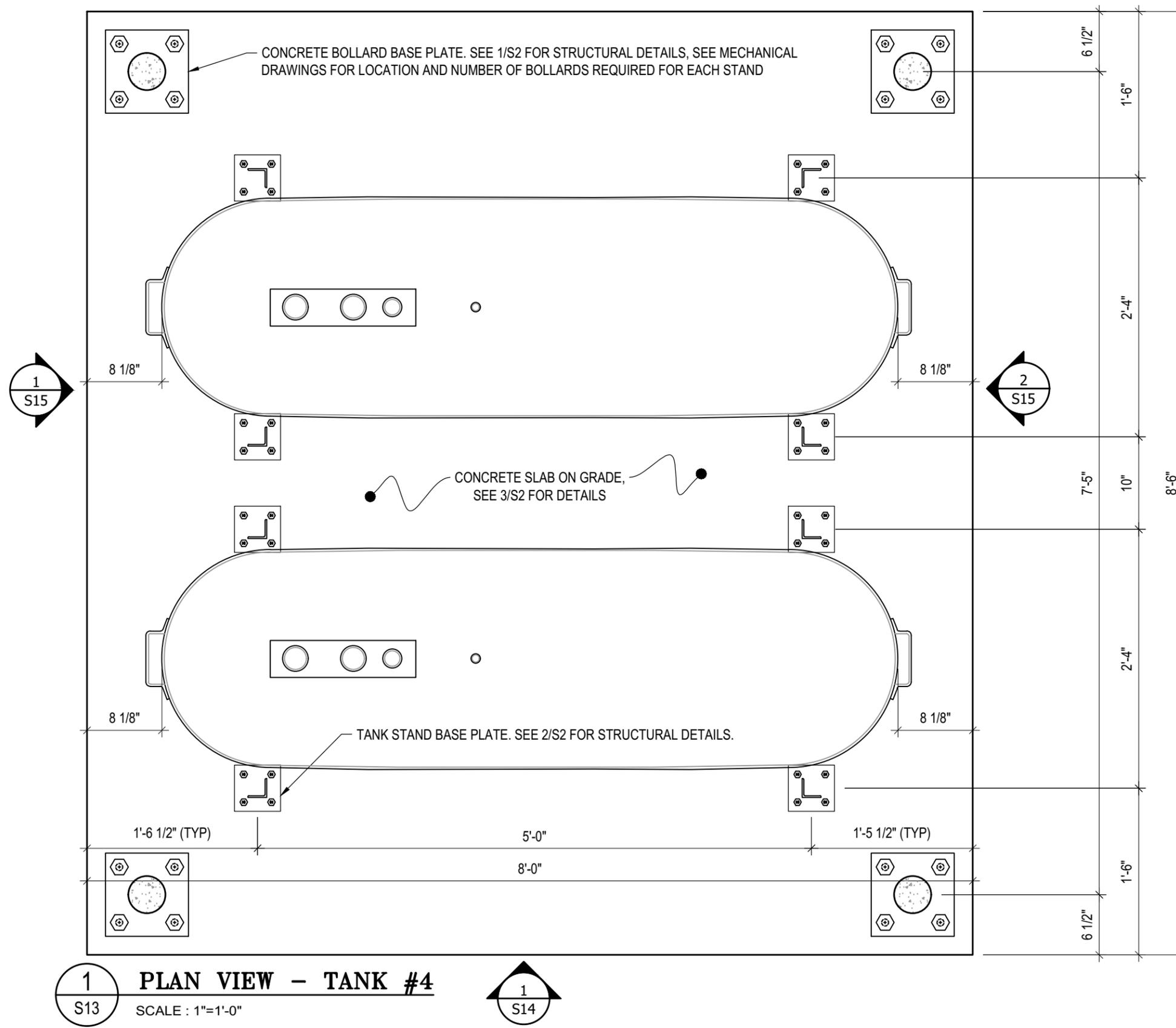
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

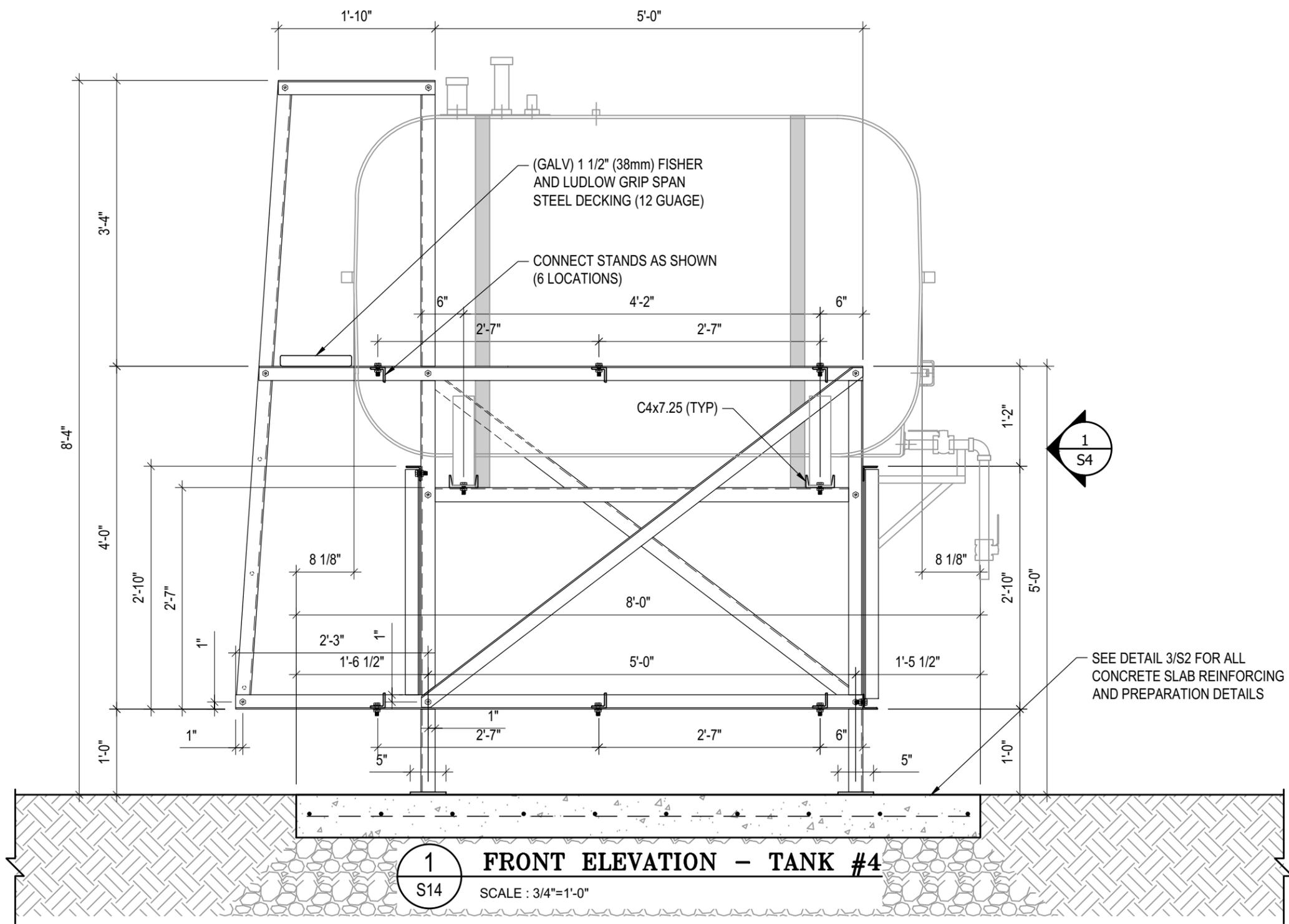
DRAWING NUMBER:

S12

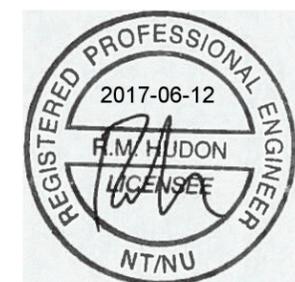
REVISION NUMBER:
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- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



1 FRONT ELEVATION - TANK #4
S14 SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
TANK #4 - ELEVATIONS

PROJECT NUMBER:
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED

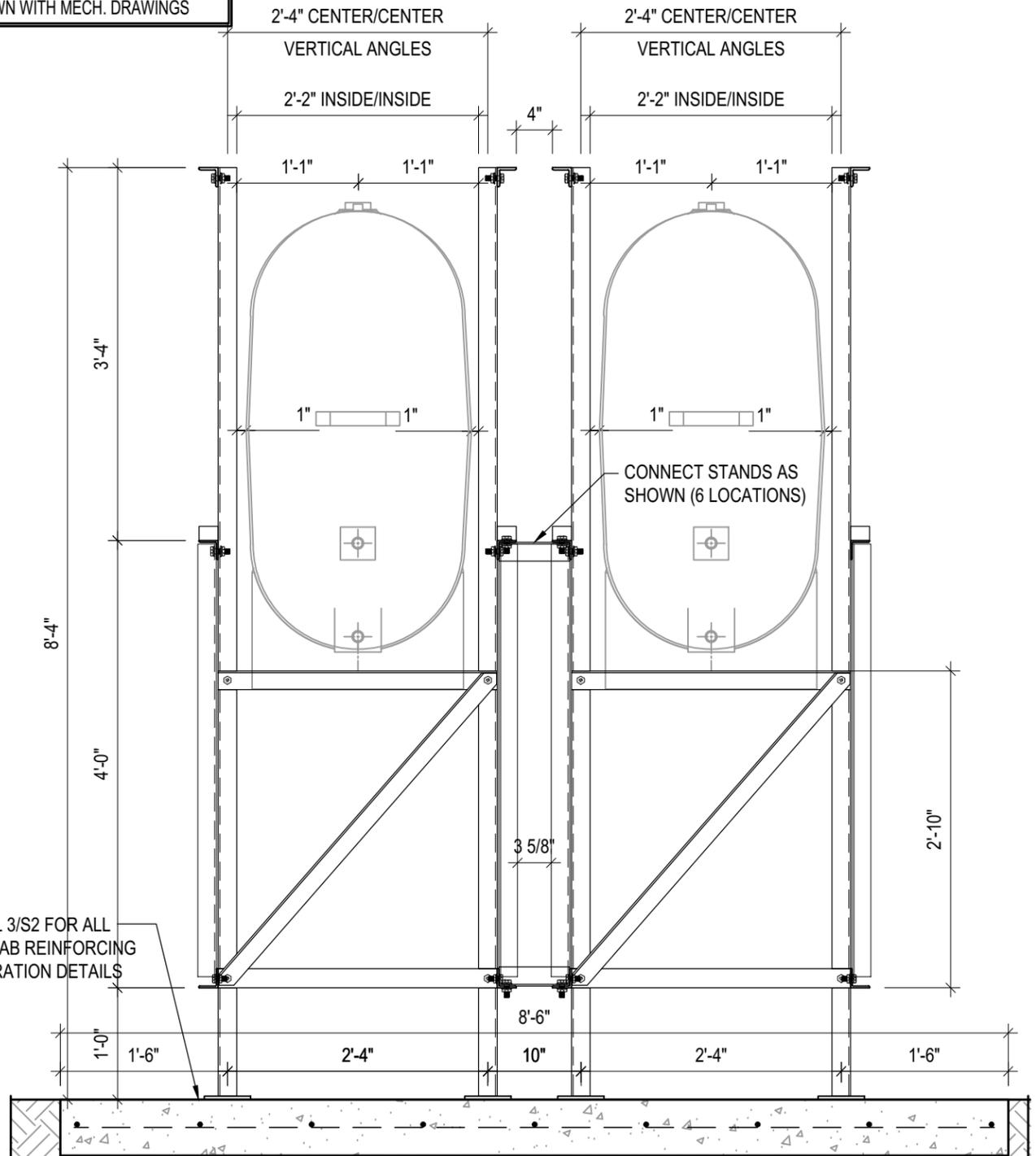
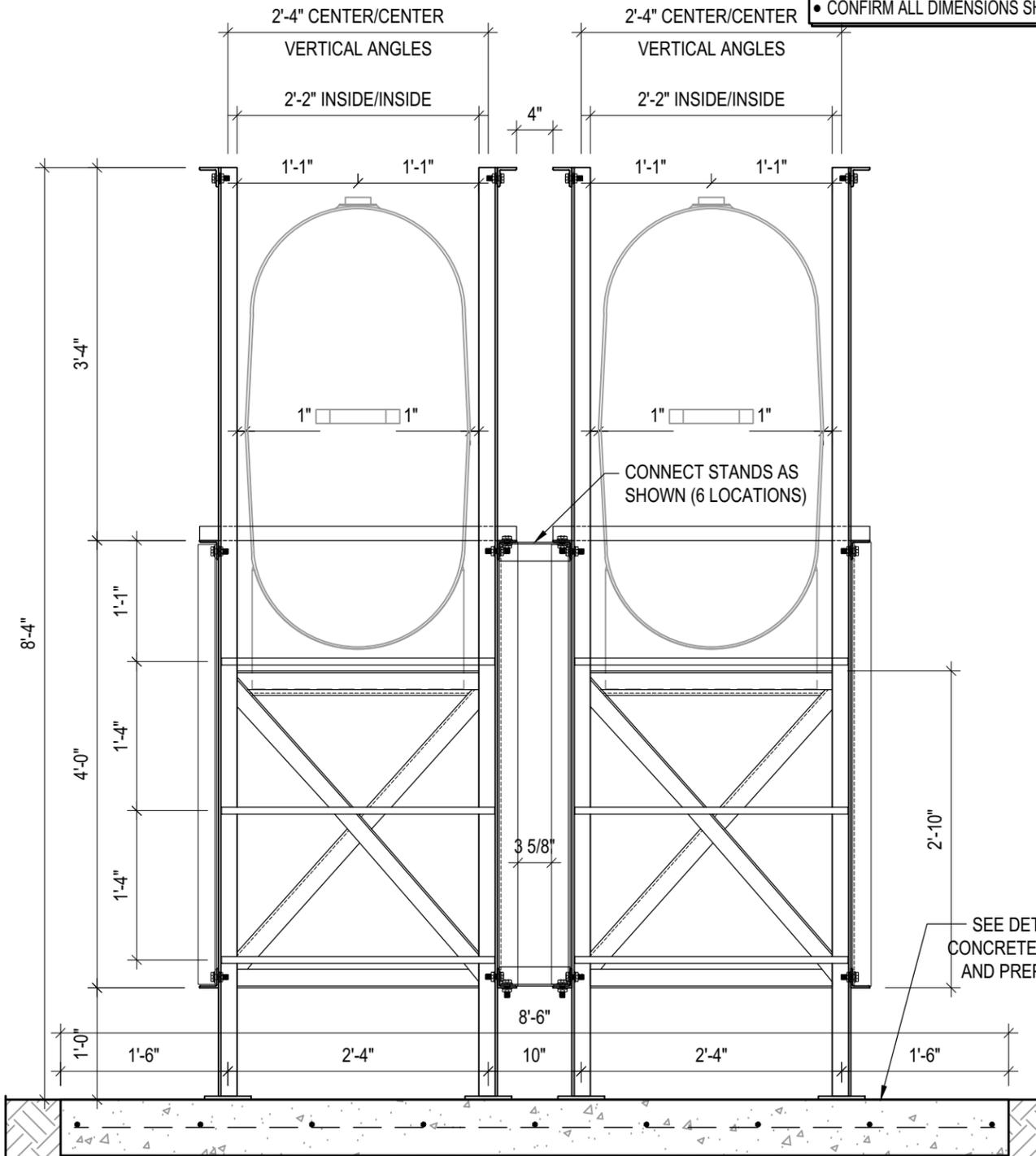
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S14

REVISION NUMBER:
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NOTES:

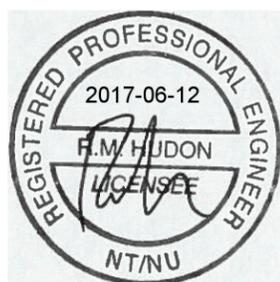
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
- ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
- ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
- CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



SEE DETAIL 3/S2 FOR ALL CONCRETE SLAB REINFORCING AND PREPARATION DETAILS

1 LEFT ELEVATION - TANK #4
S15 SCALE : 3/4"=1'-0"

2 RIGHT ELEVATION - TANK #4
S15 SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #4 - ELEVATIONS
PROJECT NUMBER:
17-122-CG-39

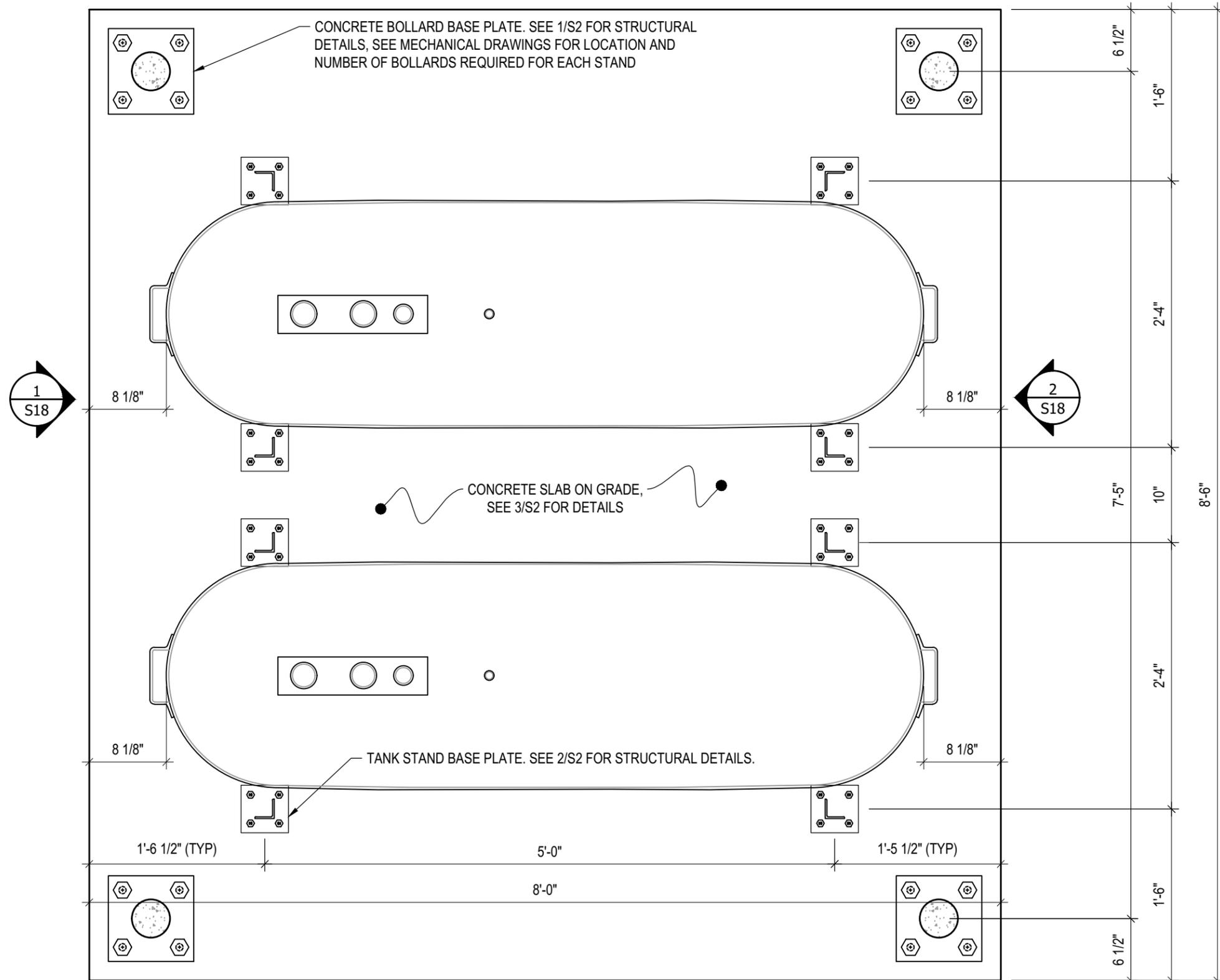


03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S15
REVISION NUMBER:
00



1 PLAN VIEW - TANK #5
 S16 SCALE : 1"=1'-0"

1
 S17



PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:
 TANK #5 - PLAN VIEW

PROJECT NUMBER:
 17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

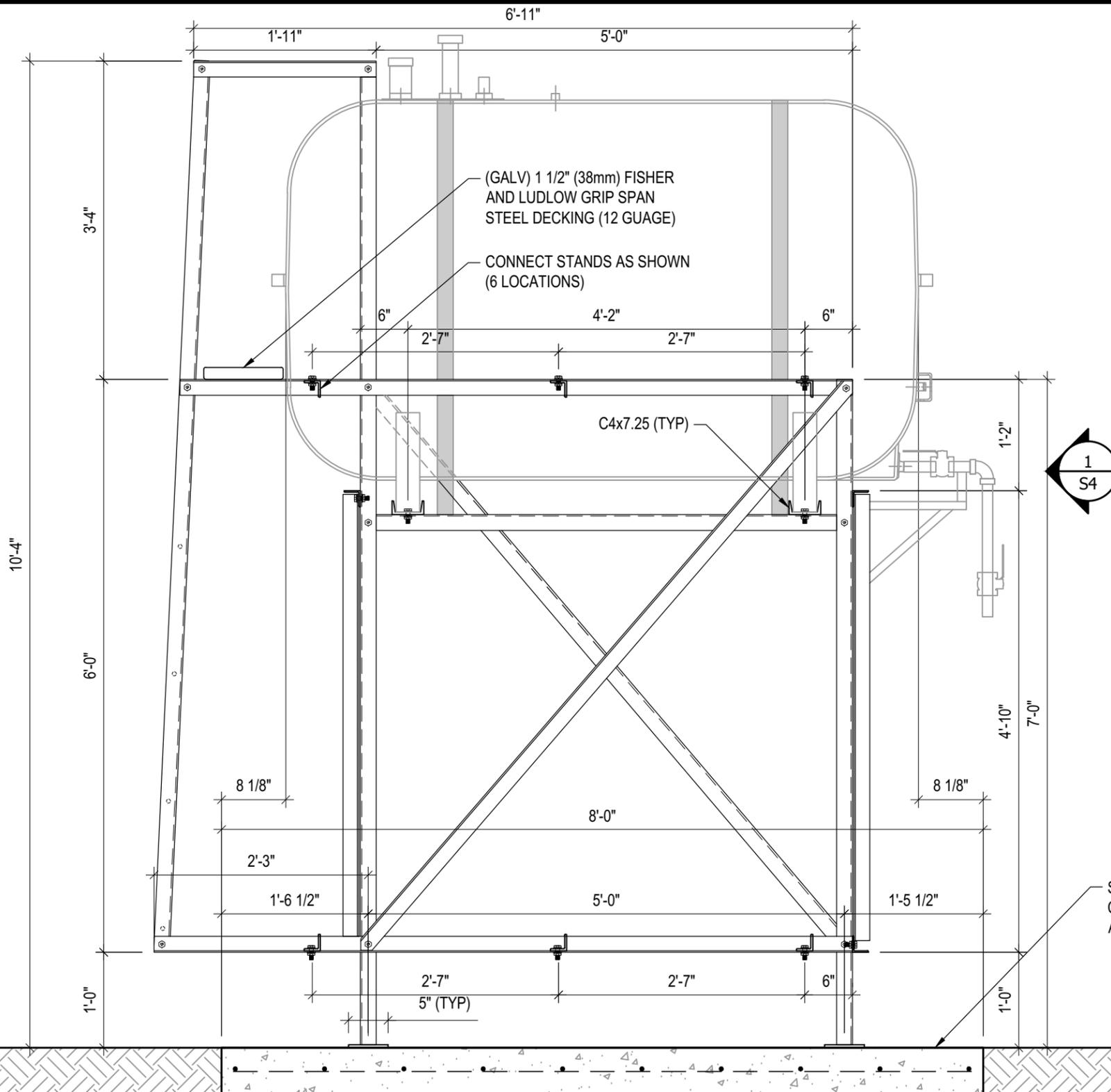
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:
 AS NOTED

DATE (YY MM DD):
 17 06 12

DRAWING NUMBER:
S16

REVISION NUMBER:
 00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

SEE DETAIL 3/S2 FOR ALL CONCRETE SLAB REINFORCING AND PREPARATION DETAILS

1
S17
FRONT ELEVATION - TANK #5
SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #5 - ELEVATIONS
PROJECT NUMBER:
17-122-CG-39

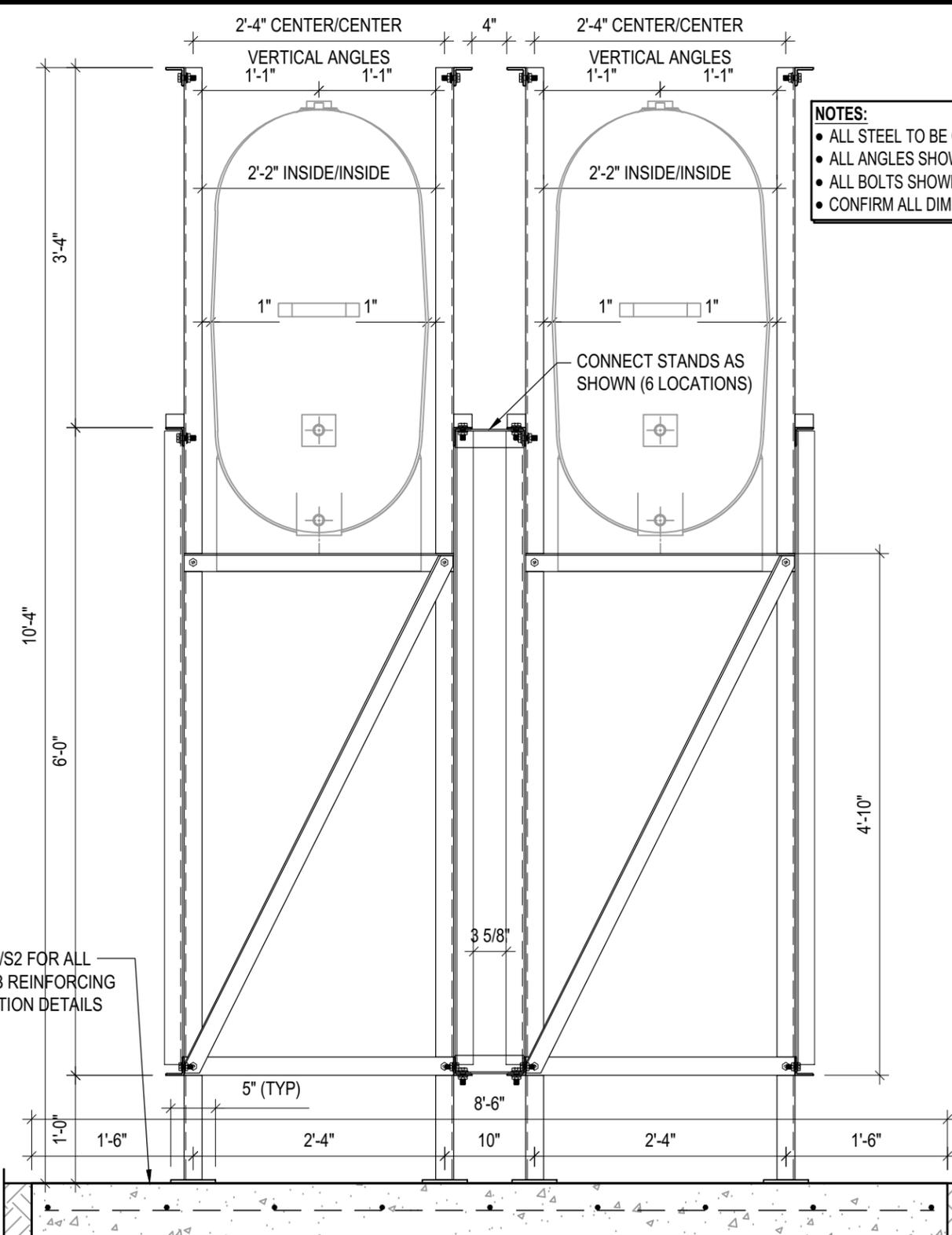
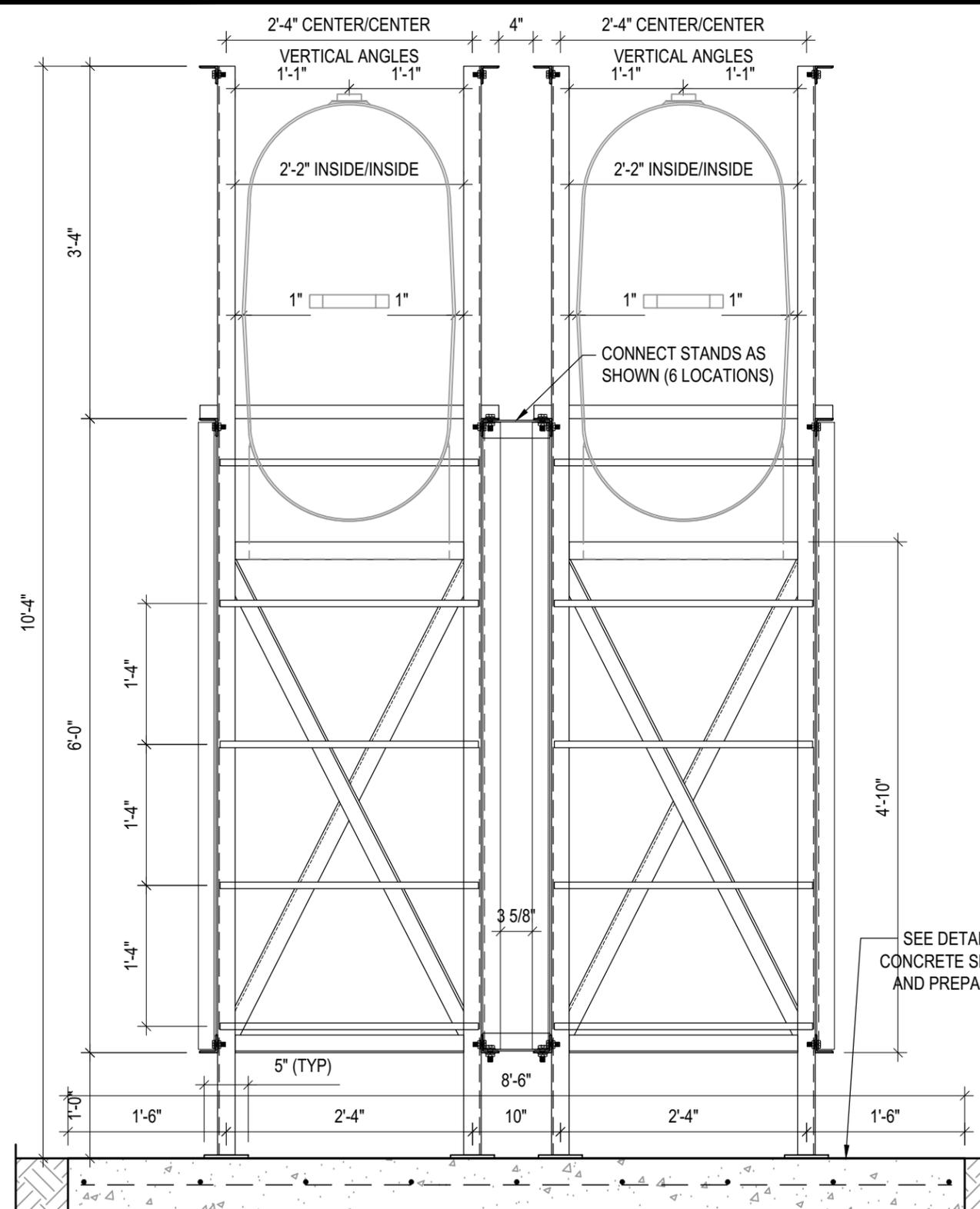


03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S17
REVISION NUMBER:
00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
 - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
 - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
 - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

SEE DETAIL 3/S2 FOR ALL CONCRETE SLAB REINFORCING AND PREPARATION DETAILS

1 LEFT ELEVATION - TANK #5
S18 SCALE : 3/4"=1'-0"

2 RIGHT ELEVATION - TANK #5
S18 SCALE : 3/4"=1'-0"



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT
SHEET TITLE:
TANK #5 - ELEVATIONS
PROJECT NUMBER:
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 12

DRAWING NUMBER:
S18
REVISION NUMBER:
00