

CONSTRUCTION DRAWINGS FOR

SOUTH VALLEY WATER RECLAMATION FACILITY

2022 VAC-TRUCK DUMP STATION PROJECT

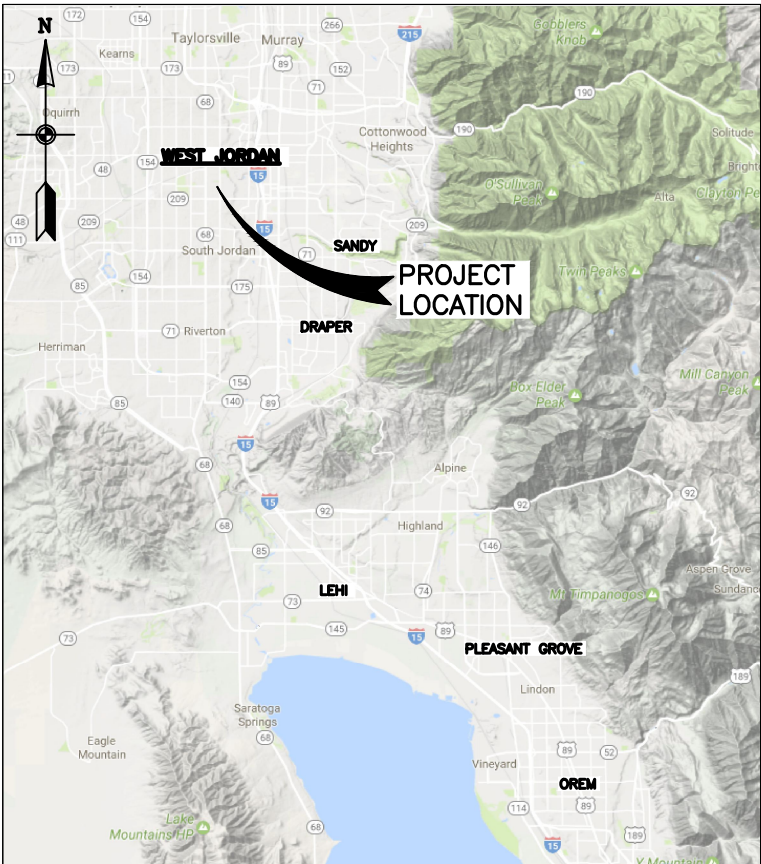
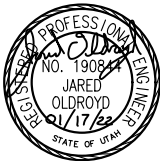
WEST JORDAN

JANUARY 2022

JWO

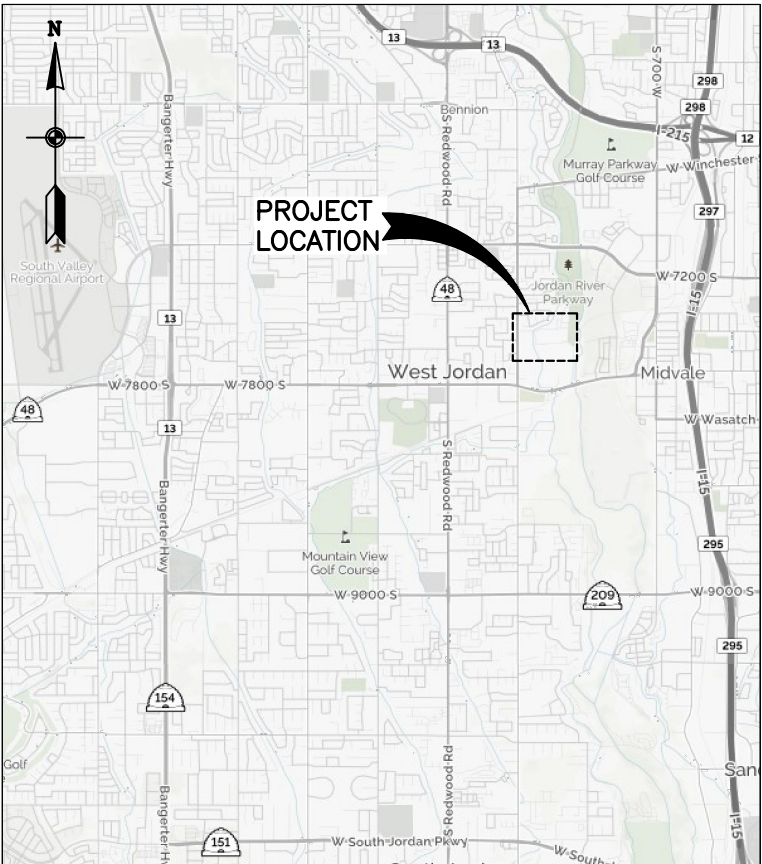
ENGINEERING

801-828-7805
1307 N LOCUST LANE
PROVO UT 84604



PROJECT LOCATION MAP
NTS

| INDEX OF DRAWINGS | | |
|-------------------|--|---------|
| SHEET | DRAWING TITLE | DWG NO. |
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PROJECT VICINITY MAP
NTS

VERIFY SCALE: BAR IS 1" IN ORIGINAL DRAWING

| REVISION BLOCK | | |
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| # | DATE | DESCRIPTION |
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PROJECT # 014-2020-001
DATE: 01/10/2022
DRAWN BY
CHECKED BY

SVWRF 2022
VAC TRUCK DUMP
STATION PROJECT

TITLE AND INDEX

DRAWING G-01
SHEET 1 OF 6

GENERAL NOTES

1. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR SAFETY OF THE JOBSITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMANCE WITH LOCAL AND FEDERAL CODES GOVERNING SAFETY. CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PUBLIC AND PROTECTION OF PERSONNEL AND WORKERS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS (INCLUDING PERMIT FEES) AND COMPLY WITH THE REGULATIONS AND REQUIREMENTS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION.
3. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PRESERVE AND PROTECT EXISTING STRUCTURES, WALLS, DRIVEWAYS, FENCES, LANDSCAPING, TREES, CURB AND GUTTER, SIDEWALK, AND OTHER IMPROVEMENTS. ANY SUCH IMPROVEMENTS REMOVED OR DAMAGED BY CONTRACTOR'S ACTIVITY SHALL BE REPLACED OR REPAIRED TO ORIGINAL OR BETTER CONDITION AT THE SOLE EXPENSE OF THE CONTRACTOR.
4. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING BURIED PIPING, PIPE SIZES AND OTHER UTILITIES BEFORE ANY CONSTRUCTION.
5. UTILITIES SHOWN ON THE DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY OTHERS, AND SHOULD BE CONSIDERED APPROXIMATE AND FOR GENERAL INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROTECT ALL UTILITIES IN THE PROJECT AREA, INCLUDING THOSE THAT MAY NOT BE SHOWN OR THAT MAY BE SHOWN INCORRECTLY. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY UTILITY DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS. RELOCATIONS AND/OR REPLACEMENTS OF EXISTING UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE UTILITY OWNER. CONTRACTOR SHALL CONTACT, SCHEDULE, AND ESTABLISH ANY REQUIRED UTILITY SHUT DOWN TIMES AND DETERMINE THE RELOCATION AND/OR REPLACEMENT REQUIREMENTS OF EXISTING UTILITIES PRIOR TO THE START OF ANY WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS. ANY DISCREPANCIES OBSERVED BY THE CONTRACTOR SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. CONTRACTORS ACCESS SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 6:00 PM MONDAY – FRIDAY.
7. CONTRACTOR TO COMPLY WITH WEST JORDAN CITY SWPPP REQUIREMENTS.
8. CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE WITH THE SOUTH SEWER INTERCEPTOR CIPP PROJECT CONTRACTOR (INSITUFORM) TO AVOID CONFLICTS.

VAC–TRUCK DUMP STATION PROJECT NOTES

1. SVWRF 2022 VAC–TRUCK DUMP STATION PROJECT

THE WORK OF THIS CONTRACT INCLUDES BUT IS NOT LIMITED TO:

- A. CONSTRUCTION OF NEW VAC TRUCK DUMP STATION INCLUDING EXCAVATION, FOOTINGS, WALLS, BASIN FLOOR.
- B. BASIN PIPING AND CONNECTIONS INCLUDING STUB FOR FUTURE MECHANICAL SEPTAGE STATION AS NOTED.
- C. VALVE INCLUDING VALVE, VALVE BOX, AND APPURTENANCES.
- D. SCREEN INCLUDING BLOCK OUT, CHANNEL TO HOLD SCREEN, AND REMOVABLE SCREEN AS NOTED.
- E. SITE RESTORATION INCLUDING ASPHALT, CONCRETE, AND LANDSCAPING.
- F. NEW CONCRETE WHERE INDICATED.
2. ALL NEW PIPING SHALL BE TELEVISED TO SHOW IT IS FREE OF DEFECTS. COORDINATE TESTING WITH OWNER.
3. 20’ CLEARANCE FROM OVERHEAD ELECTRICAL WIRES IS REQUIRED TO BE MAINTAINED AT ALL TIMES.

CONTACTS

- OWNER
SOUTH VALLEY WATER RECLAMATION FACILITY
TAIGON WORTHEN P.E. 801–495–5469

DESIGN FIRM

- ENGINEER
JWO ENGINEERING, PLLC
JARED OLDROYD PE 801–828–7805

OTHER CONTACTS

- GAS QUESTAR GAS (EMERGENCY)
800–767–1689
- ROCKY MOUNTAIN POWER
888–221–7070

ABBREVIATIONS

| | | | |
|--------|--------------------------|--------|-------------------------|
| © | AT | MATL | MATERIAL |
| AB | ANCHOR BOLT | MAX | MAXIMUM |
| ADD'L | ADDITIONAL | MFR | MANUFACTURER |
| AL | ALUMINUM | MH | MANHOLE |
| APPROX | APPROXIMATE | MIN | MINIMUM |
| ASSY | ASSEMBLY | MISC | MISCELLANEOUS |
| BLDG | BUILDING | N | NORTH |
| BOT | BOTTOM | NTS | NOT TO SCALE |
| BTWN | BETWEEN | OC | ON CENTER |
| C | CONDUIT | OPNG | OPENING |
| CB | CATCH BASIN | PH | POTHOLE |
| CFM | CUBIC FEET PER MINUTE | PS | PUMPED SEWER |
| CL | CENTERLINE | PT | POINT |
| CLR | CLEAR, CLEARANCE | PVC | POLYVINYL CHLORIDE |
| CO | CLEAN OUT BOX | PW | POTABLE WATER |
| CONC | CONCRETE | R | RADIUS |
| CONN | CONNECTION | RCP | REINFORCED CONCRTE PIPE |
| CONST | CONSTRUCTION | RCB | REINFORCED BOX CULVERT |
| CONT | CONTINUOUS | RDCR | REDUCER |
| CPLG | COUPLING | REINF | REINFORCED, REINFORCING |
| CTRD | CENTERED | REQD | REQUIRED |
| CTR | CENTER | RT | RIGHT |
| CU FT | CUBIC FOOT | RW | RAW WATER |
| DEFL | DEFLECTION | SCH | SCHEDULE |
| DI | DUCTILE IRON | SD | STORM DRAIN |
| DIA | DIAMETER | SIM | SIMILAR |
| DWG | DRAWING | SLP | SLOPE |
| DWL | DOWEL | SPD | SUMP PUMP DISCHARGE |
| EA | EACH | SPEC | SPECIFICATION (S) |
| EF | EACH FACE | SQ | SQUARE |
| EJC | EAST JORDAN CANAL | SS | SANITARY SEWER |
| EL | ELEVATION | SSL | SEWER SERVICE LATERAL |
| ELB | ELBOW | SST | STAINLESS STEEL |
| EQ | EQUAL | STA | STATION |
| EQL SP | EQUALLY SPACED | STD | STANDARD |
| EQUIP | EQUIPMENT | STL | STEEL |
| EW | EACH WAY | STRL | STRUCTURAL |
| EXIST | EXISTING | STRUCT | STRUCTURE |
| FG | FINISH GRADE | T&B | TOP AND BOTTOM |
| FL | FLOW LINE | TBC | TOP BACK CURB |
| FLG | FLANGE | TDH | TOTAL DEPTH IN HEAD |
| FLR | FLOOR | TEL | TELEPHONE |
| FNSH | FINISH | THK | THICK OR THICKNESS |
| FT | FEET OR FOOT | TOA | TOP OF ASPHALT |
| FTG | FOOTING | TOG | TOP OF GRATE |
| G | GAS | TOW | TOP OF WALL |
| GA | GAGE OR GAUGE | TYP | TYPICAL |
| GALV | GALVANIZED | UTBC | UNTREATED BASE COURSE |
| GE | GROOVED END | VCP | VENT PIPING |
| GPM | GALLONS PER MINUTE | W | WATER OR WEST |
| GS | GAS SERVICE LATERAL | W/ | WITH |
| HORIZ | HORIZONTAL | W/O | WITHOUT |
| HP | HORSE POWER | WSTP | WATERSTOP |
| HSS | HIGH STRENGTH STEEL | WS | WATER SERVICE LATERAL |
| IE | INVERT ELEVATION | | |
| INVT | INVERT | | |
| J&SLC | JORDAN & SALT LAKE CANAL | | |
| JT | JOINT | | |
| LF | LINEAR FEET | | |
| LG | LONG | | |
| LT | LEFT | | |



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PROVO UT 84604



VERIFY SCALE: BAR IS 1" IN ORIGINAL DRAWING

REVISION BLOCK

| # | DATE | DESCRIPTION |
|---|------|-------------|
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| | | |
| | | |
| | | |

PROJECT # 014-2020-001 DRAWN BY BA
DATE: 01/10/2022 CHECKED BY JO

SVWRF 2022
VAC TRUCK DUMP
STATION PROJECT

GENERAL NOTES

DRAWING G-02
SHEET 2 OF 6

BASIS FOR DESIGN

1. Referenced Codes

International Building Code 2018; ACI 318-14
2. Foundation

A. Soils Investigation Report:

None

B. Soil Bearing Pressure:

1500 psf - Assumed for design

C. Lateral Soil Pressure Fluid Equivalent Density:

a. Active

45 pcf (retaining walls)

b. Passive

250 pcf

D. Frost Protection:

30 inches minimum

E. Clear excavations of debris and loose soil prior to placing footings.

All footings shall bear on undisturbed natural sub-grade or engineered compacted fill as noted in these drawings.

F. The soils engineer shall review all excavations and fill placement prior to placing concrete.

GENERAL

1. Changes to these contract drawings may be made only by an authorized representative of the engineer or engineer(s). The engineer(s) shall not be held responsible or liable for any claims arising directly or indirectly from changes made without written authorization.

2. Omissions or conflicts in the contract drawings and/or specifications shall be brought to the attention of the engineer(s) before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the engineer(s) at no additional cost to the owner.

3. The contractor shall be responsible for means, methods, techniques, sequences, and procedures in order to comply with the contract drawings and specifications. The contractor shall provide adequate shoring and bracing as required for the chosen method of erection. Shoring and bracing shall remain in place until final connections for the permanent members are completed.

4. The contractor shall coordinate with all trades any items that are to be integrated into the structural system such as openings, penetrations, mechanical and electrical equipment, etc. Sizes and locations of mechanical and other equipment that differs from those shown on the contract drawings shall be reported to the engineer(s).

5. The contractor shall submit a written request to the engineer(s) before proceeding with any changes, substitutions, or modifications. Any work done by the contractor before receiving written approval will be at the contractor's risk.

6. The contractor shall verify all site conditions and dimensions. If actual conditions differ from those shown in the contract drawings, the contractor shall immediately notify the engineer(s) before proceeding with the fabrication or construction of any affected elements.

7. The structural notes are intended to complement the project specifications. Specific notes and details in the drawings shall govern over the structural notes and typical details.

8. Typical details and sections shall apply where specific details are not shown.

9. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the structural and/or other consultants' drawings. The structural drawings shall be used in conjunction with the other consultants' drawings. Most dimensions and most non-structural elements such as elevations, depression, slopes, mechanical housekeeping pads, etc. are not shown in the structural drawings.

10. Shop drawings made from reproductions of the drawings will be rejected unless the contractor signs a release agreement prior to the shop drawings being reviewed.

11. Review of shop drawing submittals by the engineer is for general compliance only and is not intended for approval. The shop drawing review shall not relieve the contractor from the responsibility of completing the project according to the contract documents.

12. All work shall be done in accordance with OSHA requirements. Potential conflicts between these documents and OSHA requirements shall be brought to the attention of the structural engineer before proceeding with the work.

13. Site observations by the engineer and or architect shall not be construed as approval of construction, the procedures, nor special inspection.

14. The terms "Engineer" and "Engineer of Record" (EOR) are meant to refer to an authorized representative of Realize Structural Engineering.

EARTHWORK

1. Clearing: Remove all existing structures and associated foundations, slabs, fencing, asphalt, concrete, and incidental structures as necessary for project completion. Scrape to the depth necessary (4" minimum) to remove all vegetation, topsoil, loose/disturbed surficial soils, debris, and any other deleterious materials. Following stripping, all undocumented fill soils and any remaining loose natural soils shall be excavated to expose competent natural soils.

2. Contractor shall verify soil bearing pressure to be 1500 psf. If a soils report is available for the project site, the contractor is to follow the recommendations of the soils engineer.

3. Proof roll the entire building pad area to check for the presence of unsuitable fills, soft spots, or other undesirable materials or conditions. Remove sub-grade materials that are unsuitable and replace with compacted structural fill or 2,000 psi lean concrete.

4. Compacted structural fill: All fill material shall be a well-graded granular material with a maximum size less than 3" and with not more than 15% passing a #200 sieve. It shall be compacted to at least 95% of the maximum laboratory density as determined by ASTM D 1557 for fill beneath footings and 90% for fill beneath floor slabs. All fill shall be tested. Compacted structural fill shall be placed in lifts not exceeding 8" in uncompacted thickness.

5. Floor thicknesses shall be as indicated in the plans and underlain by a granular layer at least 8" thick. The granular fill shall be free-draining fill such as "pea" gravel or three-quarters- to one-inch minus clean gap-graded gravel with not more than 5% passing a #200 sieve and shall be compacted to at least 90% of the maximum laboratory density as determined by ASTM D 1557.

6. Consult the project specifications and soils report for further earthwork requirements.

POST-INSTALLED ANCHORS

1. Follow ICC Evaluation Report and manufacturers' requirements and recommendations for post-installed anchor installation. Where conflicts may exist, the most stringent requirement applies.

2. All holes in hollow, brick, or stone masonry shall be performed in the "rotary-only" mode with the hammer function off.

3. Follow manufacturer and ICC evaluation report requirements for installation temperature of adhesive anchors. Adhesive anchors shall not be installed or cured outside of approved temperature ranges.

1. Adhesive anchors in concrete shall be

• HIT RE-500 SD by Hilti (ESR-2322) - normal weight concrete only

• SET-XP by Simpson (ESR-2508)

• PE1000+ by Powers Fasteners (ESR-2583) - 1/2" to 7/8" diameter only

4. Mechanical (Expansion) anchors

1. Mechanical anchors in concrete shall be

• Kwik Bolt TZ by Hilti (ESR-1917)

• Strong-Bolt by Simpson (ESR 1771)

• Trubolt+ by ITW Redhead (ESR-2427)

5. The Contractor may submit, for review and approval, the manufacturer's ICC evaluation report of alternate anchor systems. The alternate method shall provide minimum capacities equal to or greater than those in the above noted anchors. The alternate method shall be approved by the engineer of record prior to the substitution.
- CONCRETE
1. Materials unless noted otherwise:

A. Normal Weight Aggregates

ASTM C 33

B. Fly Ash, Class F Pozzolan

ASTM C618

C. Reinforcing Steel

ASTM 615 Grade 60 (60 ksi)

D. Admixtures: Air-entraining admixtures shall comply with ASTM C 260 (when used). Calcium Chloride shall not be added to the concrete mix. Unreinforced concrete slabs on grade may have calcium chloride not exceeding one percent.

E. Cement complying with ASTM C-150 shall be used for all concrete. See table of concrete properties for cement type.

F. No aluminum conduit or product containing aluminum or any other material injurious to concrete shall be embedded in concrete.

2. Concrete Mix criteria by application:
- | CONCRETE USE | EXPOSURE CLASSIFICATIONS | | | | CEMENT TYPE | (MIN) f'c (psi) | (MAX) w/c RATIO | (MAX) FLAYASH PERCENT | (TARGET) AIR CONTENT PERCENT | (MAX) AGG SIZE | (MAX) SLUMP |
|----------------|--------------------------|----|----|----|-------------|-----------------|-----------------|-----------------------|-----------------------------------|----------------|-------------|
| | | | | | | | | | | | |
| Footings | F1 | S1 | P0 | C1 | II/IV | 3000 | 0.45 | 30 | 2 | 1" | 5.00" |
| Slabs on Grade | F2 | S1 | P0 | C1 | II/IV | 4500 | 0.40 | 30 | 6 | 1" | 5.00" |
| Exterior Walls | F2 | S1 | P0 | C1 | II/IV | 4500 | 0.45 | 30 | 6 | 3/4" | 5.00" |
| | | | | | | | | | AIR CONTENT TOLERANCE IS +/- 1.5% | | |
3. The contractor shall responsible for the design, detailing, care, placement and removal of all formwork and shores.

A. Supporting forms and shoring shall not be removed until structural members have acquired sufficient strength to safely support their own weight and any construction load to which they may be subjected. In no case, however, shall forms and shoring be removed in less than 24 hours after concrete placement.

4. Reinforcement shall have the following minimum concrete cover: Clear Cover:

A. Cast-in-Place Concrete

a. Cast against and permanently exposed to earth

3"

b. Formed concrete exposed to earth or weather:

• #6 thru #18 bars

2"

• #5 and smaller bars

1 1/2"

5. Construction Joints and Control Joints:

A. All horizontal and vertical construction joints, including between top of footing and foundation walls, shall be intentionally roughened to a full amplitude of approximately 1/4".

6. Construction

A. Use chairs or other support devices recommended by the CRSI to support bar and tie reinforcement bars prior to placing concrete. Reinforcing steel for slabs on grade shall be adequately supported on precast concrete units. Lifting the reinforcing off the grade during placement of concrete is not permitted.

B. Contractor shall coordinate placement of all openings, curbs, dowels, sleeves, conduits, bolts, inserts and other embedded items prior to concrete placement.

C. All embeds and dowels shall be securely tied to formwork or to adjacent reinforcing prior to the placement of concrete.

D. No pipes, ducts, sleeves, etc. shall be placed in structural concrete unless specifically detailed or approved by the structural engineer. Penetrations through walls when approved shall be built into the wall prior to concrete placement. Penetrations will not be allowed in footings or grade beams unless detailed. Piping shall be routed around these elements and footings stepped to avoid piping.

E. Reinforcing bars shall not be welded.

7. Detailing

A. Lap splice lengths shall be 30" for #4 and #5 bars and 40" for #6 bars.

• Do not splice stirrups and ties. Do not splice vertical bars in retaining walls unless specifically shown.

B. At joints provide reinforcing dowels to match the member reinforcing, unless noted otherwise.

C. At all discontinuous control or construction slab on grade joints, provide (2) #4 x 48".

D. Provide corner bars at intersecting wall corners as shown in the typical details.

E. All vertical reinforcing shall be doweled to footings, or to the structure below as shown in the typical sections. Dowels extending into footings shall terminate with a 90° standard hook and shall extend to within 4" of the bottom of the footing. Footing dowels (#8 bars and smaller) with hooks need not extend more than 20" into footings.

F. See details for reinforcing around miscellaneous openings (8" to 36" wide). For openings wider than 36", contact the engineer. All recesses that interrupt reinforcing shall be reinforced the same as an opening.

LEGEND OF MARKS AND ABBREVIATIONS

| | | | |
|----------|--------------------------|---------|-------------------------------------|
| ALT ARCH | Alternate Architect | JST | Joist |
| BLDG | Building | LSL | Laminated Strand Lumber |
| BLK | Block(ing) | LVL | Laminated Veneer Lumber |
| BN | Boundary Nail | MAS | Masonry |
| BOTT | Bottom | MAX | Maximum |
| BRG | Bearing | MECH | Mechanical |
| BTWN | Between | MFR | Manufacturer |
| BYND | Beyond | MIN | Minimum |
| CANT | Cantilever | MISC | Miscellaneous |
| C J | Control Joint | MTL | Metal |
| CL | Center Line | | |
| CLR | Clear | oc | On Center |
| COL | Column | OPNG | Opening |
| CONC | Concrete | OPP | Opposite |
| CONT | Continuous | OSB | Oriented Strand Board |
| CS | Coil Strap | | |
| DBL | Double | PCF | Pounds per Cubit Foot |
| DIM | Dimension | PERP | Perpendicular |
| DWG | Drawing | PL | Plate |
| | | PRE-FAB | Prefabricated |
| | | psf | Pounds per Square Foot |
| (E) | Existing | psi | Pounds per Square Inch |
| EA | Each | PT/DF | Pressure Treated Douglas Fir |
| EMBED | Embedment | | |
| EN | Edge Nail | REINF | Reinforce/Reinforcing/Reinforcement |
| EQ | Equal | REQD | Required/Requirements/Requiring |
| EXT | Exterior | | |
| EW | Each Way | SCHED | Schedule |
| | | SIM | Similar |
| FD | Foundation | STD | Standard |
| FLR | Floor | STIFF | Stiffener |
| FTG | Footing | STL | Steel |
| | | STRUCT | Structural |
| ga | Gage | | |
| GALV | Galvanized | TYP | Typical |
| GLB | Glulam Beam | | |
| GSN | General Structural Notes | U.N.O. | Unless Noted Otherwise |
| | | | |
| HD | Hold-down | VERT | Vertical |
| HDR | Header | | |
| HORIZ | Horizontal | w/ | with |
| | | | |
| INT | Interior | | |

2880 W 4700 S Suite A
West Valley City, UT 84129
tel: 808.930.9265
www.real-se.com

OWNER

South Valley Water
Reclamation Facility

PROJECT INFO

SWWRF Vactor Cleanout
Basin

7495 1300 W
West Jordan, UT

SHEET NAME

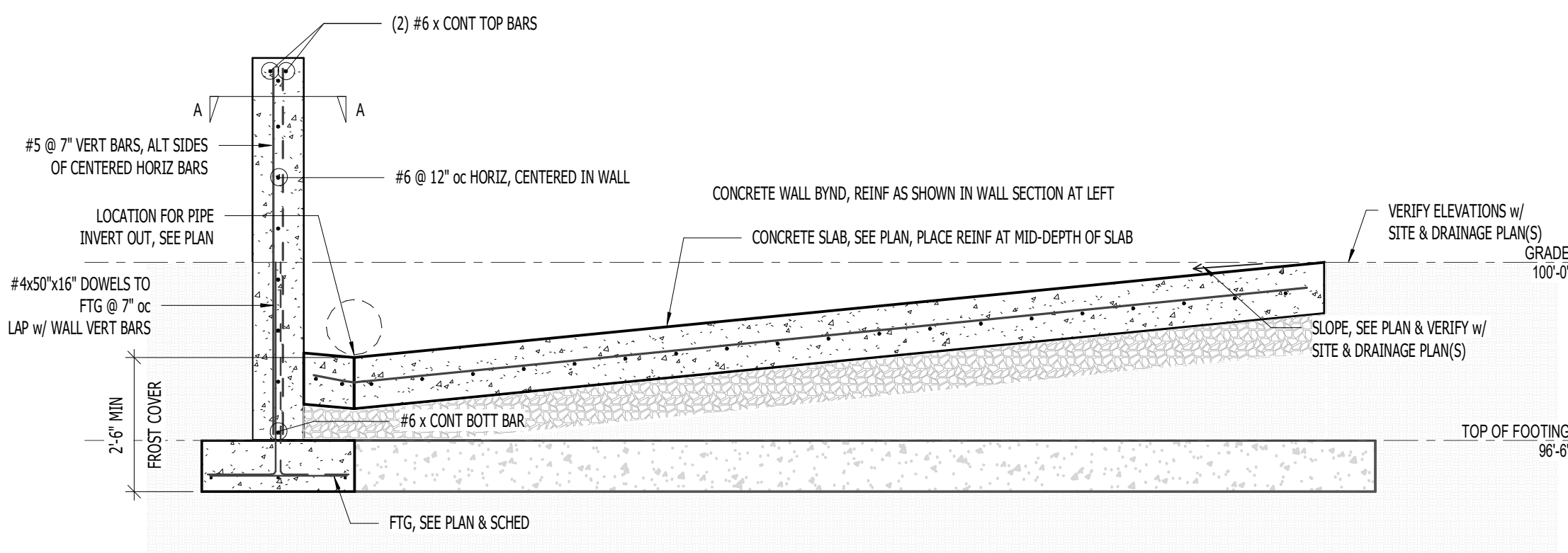
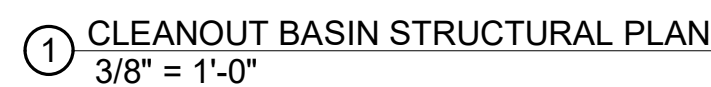
GENERAL STRUCTURAL
NOTES

DRAWN BY: MNB
DESIGNED BY: MNB

ISSUE DATE: January 19, 2022
ISSUE TYPE: Permit Set
PROJECT NUMBER: 22006

SHEET NUMBER:

S000



② Section 1
3/8" = 1'-0"

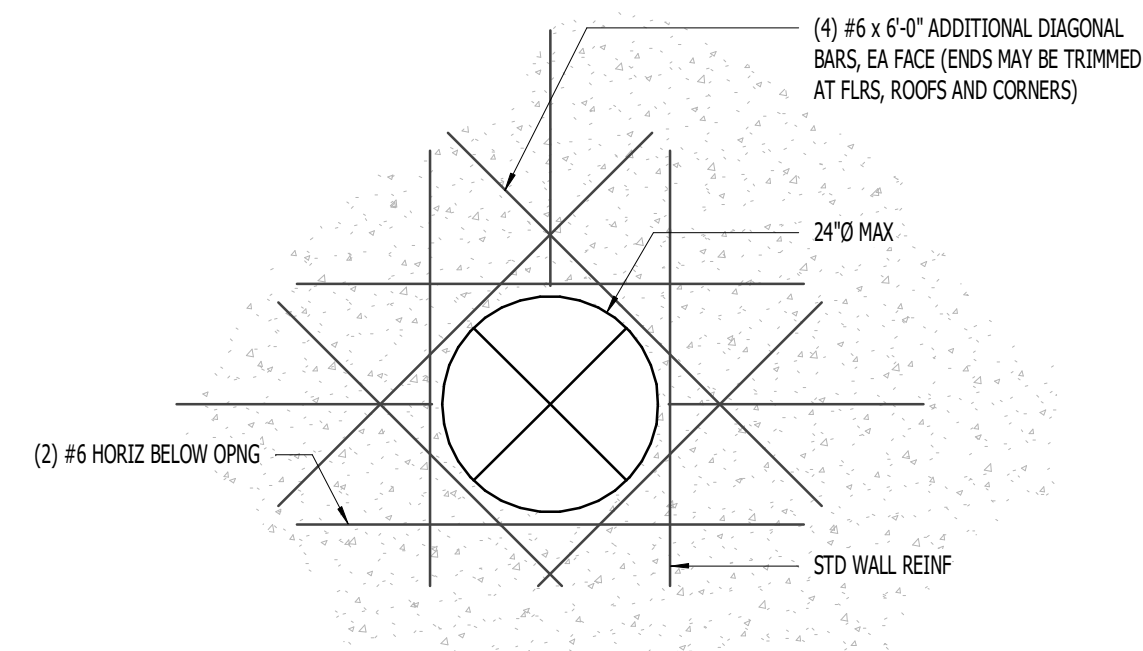
1. COORDINATE LOCATION OF DEPRESSED SLABS, SLOPED SLABS, AND FLOOR DRAINS WITH OTHER CONSULTANT'S DRAWINGS.
2. SEE FOOTING AND FOUNDATION DETAILS FOR REINFORCING AROUND MISCELLANEOUS OPENINGS IN CONCRETE WALLS.
3. SEE FOOTING AND FOUNDATION DETAILS FOR TERMINATION OF HORIZONTAL WALL REINFORCING AT CORNERS.
4. SEE GENERAL STRUCTURAL NOTES FOR FILL BENEATH FOOTINGS.

Diagram illustrating the components of a footing cross-section:

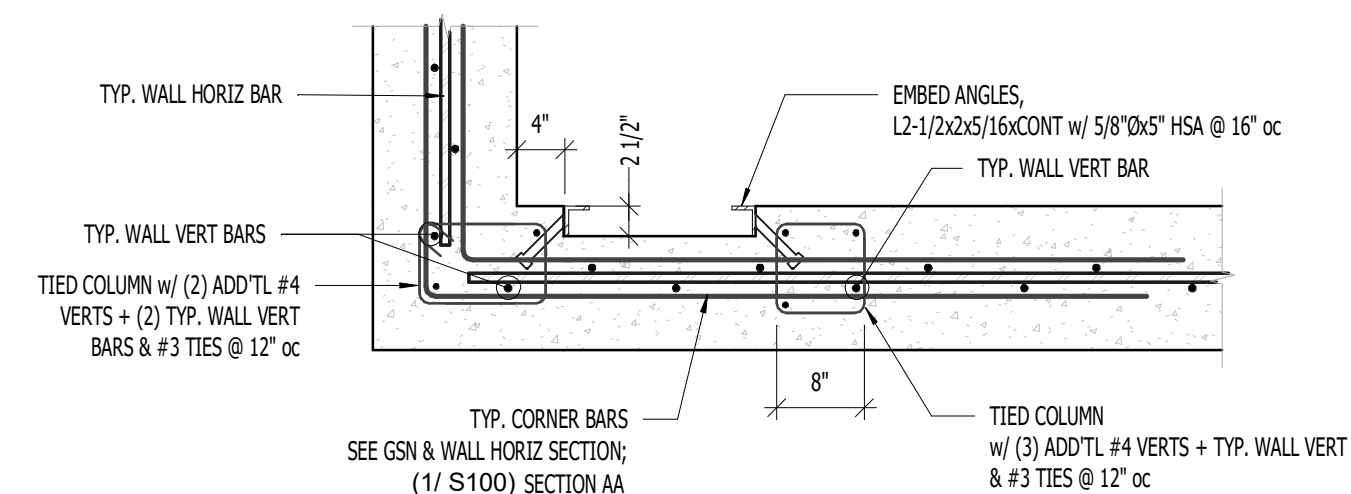
- SECTION MARK
- SHEET NUMBER
- FTG DESIGNATION
- TOP OF FOOTING ELEVATIONS
- CONC WALL, SEE SCHED
- CONC WALL, SEE SCHED
- CONT. FTG, SEE SCHED

| TAG | WIDTH | LENGTH | DEPTH | REINFORCING CROSSWISE | | | | REINFORCING LENGTHWISE | | | | REMARKS |
|-------|-------|--------|-------|-----------------------|------|--------|---------|------------------------|------|--------|---------|---------|
| | | | | NO | SIZE | LENGTH | SPACING | NO | SIZE | LENGTH | SPACING | |
| FC3.0 | 3'-0" | CONT | 12" | - | #4 | 2'-6" | 14" | 3 | #4 | CONT | EQ | |

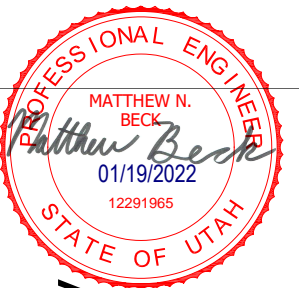
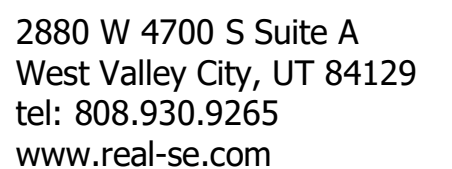
1. PLACE ALL FOOTING REINFORCING IN BOTTOM OF FOOTING WITH 3" CLEAR CONCRETE COVER, UNLESS NOTED OTHERWISE.
2. IF FOOTINGS ARE EARTH FORMED, FOOTING WIDTH AND LENGTH SHALL BE 6" WIDER AND LONGER THAN SCHEDULED.
3. SEE GENERAL STRUCTURAL NOTES FOR ALL OTHER REQUIREMENTS.



3 TYPICAL OPENING IN CONCRETE WALL
S100 NO SCALE:



4
\$100



OWNER
South Valley Water
Reclamation Facility

PROJECT INFO

**SWWRF Vactor Cleanout
Basin**

7495 1300 W
West Jordan, UT

SHEET NAME

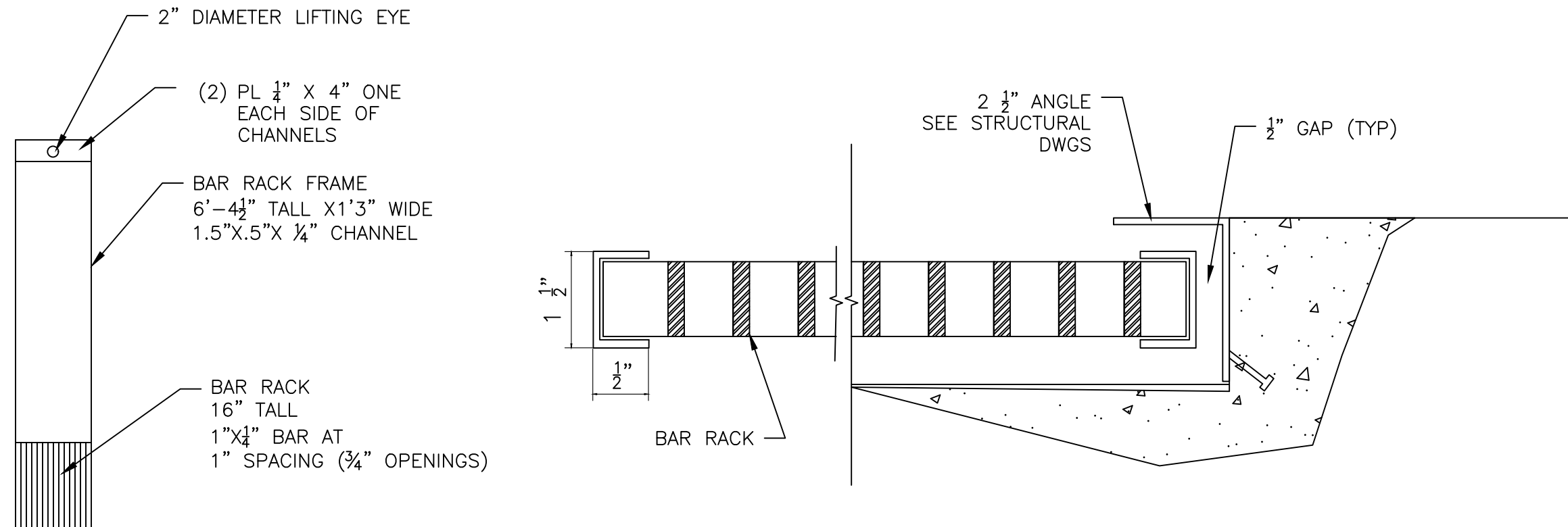
CLEANOUT BASIN
STRUCTURAL PLAN

DRAWN BY: MNB
DESIGNED BY: MNB

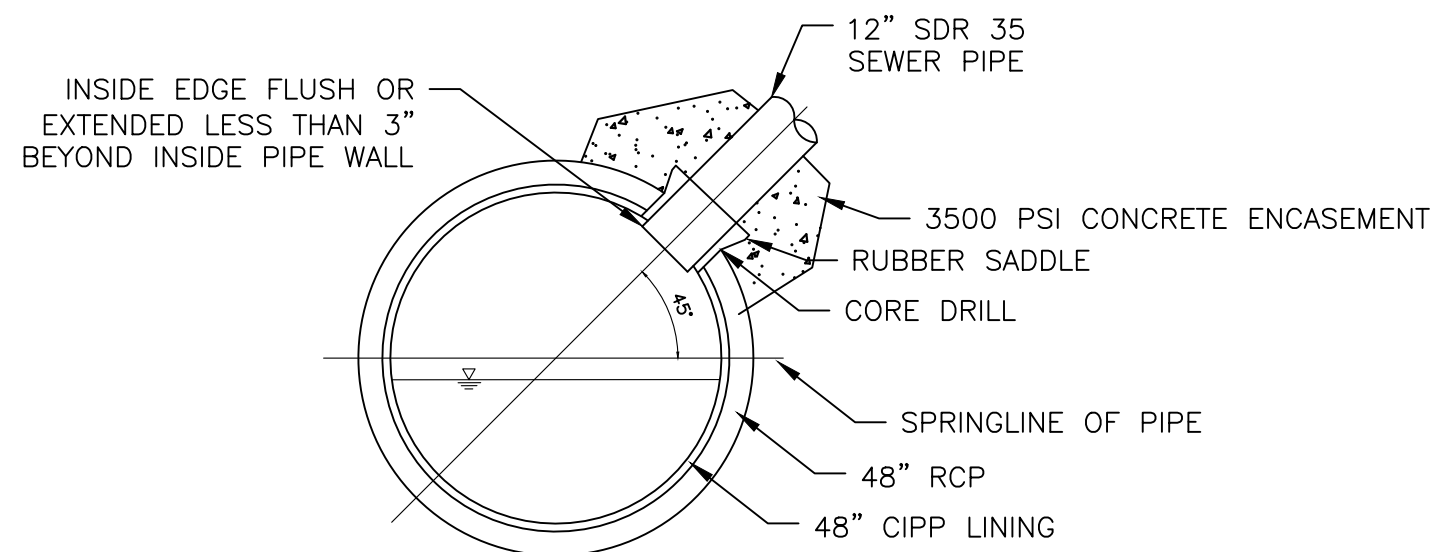
ISSUE DATE: January 19, 2022
ISSUE TYPE: Permit Set
PROJECT NUMBER: 22006

SHEET NUMBER:

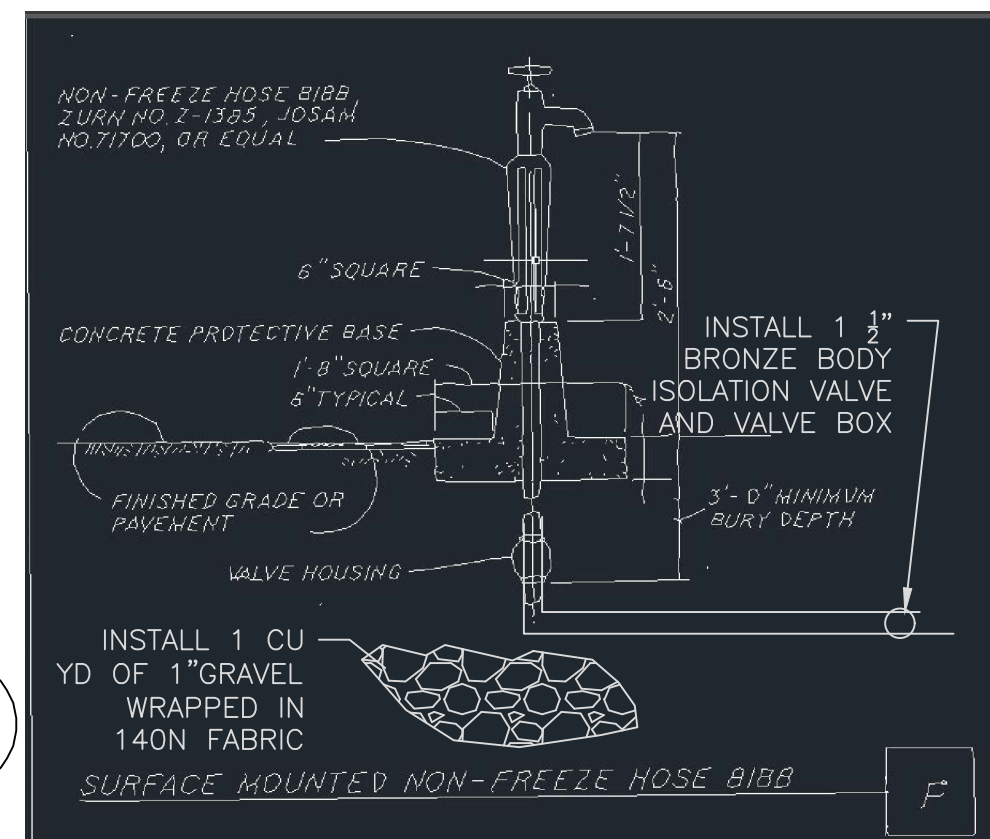
S100



BAR RACK DETAILS (NTS)



DETAIL C / C-01 (NTS)



VERIFY SCALE: BAR IS 1" IN ORIGINAL DRAWING

REVISION BLOCK

| # | DATE | DESCRIPTION |
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PROJECT # 014-2020-001 DRAWN BY
DATE: 01/10/2022 CHECKED BY

SVWRF 2022 SEPTAGE
VAC TRUCK DUMP
STATION PROJECT

VAC TRUCK DUMP
STATION DETAIL
DRAWING D-01
SHEET 6 OF 6