



Cagnon Ground Storage Tank Replacement Project
Solicitation Number: CO-00436-SM
Job No.: 20-6010

ADDENDUM 4
10/1/2021

To Respondent of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the Respondent Questionnaire.

RESPONSES TO QUESTIONS

- 1. Has this tank been painted with lead based paint? Is there a paint analysis for the GST? I see there was one done for the EST.**

Response: The soil and paint analysis of the GST is contained in a Cagnon Ground Storage Tank report dated May 7, 2020 which will be made available for download on the SAWS website under this Solicitation. See "Changes to the Specifications" note 4, Special Conditions.

- 2. Was an asbestos inspection done for the GST?**

Response: An asbestos inspection for the GST was performed on July 30, 2021, and results are contained in a report which will be available for download on the SAWS website under this solicitation. See "Changes to the Specifications" note 4, Special Conditions.

- 3. Is there an inspection report on the old GST?**

Response: Yes, an inspection was completed for the old GST. Refer to the answer to Question 1.

- 4. Electronic Proposal Instructions states that proposal will be accepted any time before October 11, 2021 at 1 AM (CDT). Please confirm this should be 1 PM CDT.**

Response: Yes, the proposal will be accepted any time before October 11, 2021 at 1:00 PM (CDT). See "Changes to the Specifications" note 1, Electronic Proposal Instructions.

- 5. Supplementary Instructions to Respondents, Page 8, 'Project Schedule and Unforeseen Conditions', Article iv. States that we should provide details for the procurement and delivery of 5-MG pre-stressed concrete ground storage tank. Please confirm that this is a typo and should reference a 2-MG pre-stressed concrete ground storage tank.**

Response: Yes, the new Cagnon tank will be a 2 MG pre-stressed GST. Refer to Addendum 3 dated September 21, 2021 under "Changes to the Specifications" note 3, Supplementary Instructions to Respondents.

- 6. Please provide the permits that will be required to be obtained by the contractor and their associated cost for this project.**

Response: The Bexar County Building Permit application along with the associated City of San Antonio (COSA) permit application as required for work within the COSA ETJ have been submitted to the respected agencies along with payment of the permit fees. The Contractor is required to secure the associated Building Permit construction phase permits, work authorizations, inspection requests, and applicable trade permits. The Contractor will be responsible for completing and maintaining the construction phase permitting required by the Bexar County Right-of-Way permit and Post-Construction Storm Water Control Measure permit along with all required inspections. The Permit Allowance may be used to pay for Building Permit fees. The Contractor is responsible for any applicable contractor

trade permit fees. The Contractor is responsible for compliance with all Building Permit requirements during construction such as storm water quality measures, silt fence, right-of-way traffic control, etc.

- 7. Specification Section 13207, Article 1.01.C, please prequalify DN Tanks, LLC in lieu of DN Tanks, Inc.**
Response: The language is revised to update to DN Tank, LLC. See "Changes to the Specifications" note 10, Section 13207.
- 8. Specification Section 13207, Article 2.02.B, indicates non-prestressed reinforcement bar size shall not be greater than a #5 bar. Please confirm the tank designer may utilize up to a #6 bar size in accordance with AWWA D110.**
Response: Maximum reinforcement bar size shall remain unchanged per Section 13207.
- 9. Specification Section 13207, Article 2.04.E, states a horizontal barrier, consisting of flowable fill, flatwork and/or pavement, should be constructed at least 5-feet beyond the "over-build" zone. Sheet D-503, Detail 3, shows a 10-foot-wide clay cap as the horizontal barrier from the edge of the tank footing. Please confirm this is acceptable and a different horizontal barrier does not need to be constructed.**
Response: The 18-inch deep, 10-foot wide clay cap serves as the horizontal barrier. See "Changes to the Specifications" note 10, Section 13207.
- 10. Specification Section 13207, Article 2.06.B, calls for an 18-inch overflow pipe. Please confirm the design overflow and venting rates for this tank.**
Response: The tank fill and tank drain rates are 20,500 gpm each. See "Changes to the Specifications" note 10, Section 13207.
- 11. Specification Section 13207, Article 2.06.D, calls for the exterior ladder to have an intermediate and top platform as shown on the Drawings. Sheet D-201, Detail A, shows only a top platform on the exterior ladder. Please confirm an intermediate platform is not required.**
Response: An intermediate platform is NOT required. See "Changes to the Specifications" note 10, Section 13207.
- 12. Specification Section 13207, Article 2.06.G, indicates the AST vent screen shall be made of PTFE. Please note that AST cannot provide this screen material. Please confirm a 316 S.S. screen is acceptable.**
Response: 16 x 16 mesh woven wire, 0.018 inch min. dia. Type 316 stainless steel screens are acceptable on AST vents. See "Changes to the Specifications" note 10, Section 13207.
- 13. Specification Section 33 16 13.18, Article 2.12.C, indicates the overflow must be as indicated on the drawings (which shows a partially concrete encased overflow with an exposed 4-foot zone of pipe and weir). Additionally, this section indicates that pipe supports must be 316 stainless steel. Please confirm that the tank manufacturer can design the overflow as shown on the drawings with the concrete encasement or with 316 stainless steel supports in lieu of the concrete encasement.**
Response: The overflow pipe shall be supported to tank's interior wall using either concrete encasement or stainless steel pipe supports.
- 14. Please confirm the Engineer's intent for the CFD analysis of the inlet pipe orientation (Article 2.06.A.1.b). Based on the tank dimensions and pipe layout, the flow will not reach the top and a mixing system should be considered if complete mixing is required.**
Response: The requirement for the CFD is to be removed from Section 13207. See "Changes to the Specifications" note 10, Section 13207.
- 15. Please consider extending the deadline for questions to 5 pm October 1st, 2021.**
Response: The deadline for questions was extended to September 28, 2021 until 4:00 PM (CDT) as detailed in Addendum 3 dated September 21, 2021.
- 16. Sheet D-501, Detail 1, shows the 316L stainless steel overflow pipe concrete encased to above the 316 stainless steel weir cone flange. It has been typical seen in the overflow pipe detail for SAWS that the concrete encasement is terminated approximately 4-feet down from the overflow weir cone, please confirm this is required. Additionally, can the overflow pipe that is fully encased in concrete be plain steel in lieu of the stainless steel material shown.**

Response: The flange on the weir cone can be exposed. The overflow pipe including the overflow weir cone shall be stainless steel whether encased in concrete or supported by stainless steel pipe supports.

17. Sheet D-501, Detail 3, shows a steel “silt-stop” on the outlet. Please confirm that all interior, non-concrete encased piping, must be 316 stainless steel.

Response: All interior piping shall be 316 stainless steel. See “Changes to the Plans” note 1, Sheet D-501.

18. Sheet D-503, Detail 1, please confirm if the use of Hollaender joints for the dome handrail is acceptable for this project.

Response: Hollaender joints are not acceptable for the handrail.

19. Sheet D-503, Detail 1, shows the ladder extending through the top platform. Please confirm a side-step platform is acceptable for this project.

Response: The ladder and platform shall be as shown on Sheet D-503, Detail 1.

20. Sheet D-505, Detail 1, calls for the tank floor reinforcement to be #4@8” o.c.e.w. Please confirm the tank floor reinforcing shown is just a representative example and the tank contractor may determine the size and spacing of reinforcing in the design.

Response: The minimum tank foundation reinforcement shall be #5@6” O.C.E.W. The tank Contractor is responsible for the final design of the tank. See “Changes to the Plans” note 2, Sheet D-505 and note 3, Sheet S-102.

21. Ref D-003 – Pipe Material Schedule. Pipe A is calling for Max Working Pressure of 250 PSI. Spec 15141 – 1.01 D. “Flanges shall be Class F...” Please verify if all flanges shall be 250# Drilling Class “F” or just the required line A with 250 PSI Pressure.

Response: Pipe flanges are specified in Section 15065 – Steel Process Piping. Flanges for couplings, connectors and adapters shall match the corresponding flanges on the piping, valves, etc. See “Changes to the Specifications” note 12, Section 15141.

22. Ref D-202 - Can the 14” Gate Valves be provided with 125# Flanges (Gate Valves Rated for 250 PSI) and Class “E” Steel Flanges

Response: ASME B16.1 Class 125 flanges are acceptable on Class 250 valves.

23. Ref C-302. Does the existing 24” BFV have 125# Drilling or 250# Drilling Pattern?

Response: The pipeline is currently under construction. The Contractor shall field verify and match the drilling pattern of the existing 24 inch BFV during the construction phase of this project.

24. Ref C-302. BFV-109. Can a Class 250B with 125# Flanges be provided for this valve? It will have a 250 PSI Rating. Class “E” flanges can be used with are rated at 275 PSI.

Response: Yes, ASME B16.1 Class 125 flanges on Class 250B butterfly valves are acceptable. “Changes to the Specifications” note 11, Section 15101.

25. Are the proposal forms available in an editable format (i.e. Microsoft Word) or should we plan on including editing with an adobe.pdf typewriter feature and include attachments or appendices as needed to adequately respond to the questions?

Response: The Evaluation Criteria Forms are now available in Word format and can be found on the SAWS website.

26. Regarding the Key Subcontractor forms, with us bidding as prime, we will be self-performing the tank construction; however, we will carry a site work sub (i.e. dirt work and yard piping). Typically when we are sub, the GC’s self-perform the site work but carry us as a Key Subcontractor. There is not key subcontractor form for a Site Work Subcontractor. Should we manually edit the tank builder form to be a Site Work Subcontractor Form or should we copy one of the forms to add a Site Work Subcontractor? Site Work will be a sizable portion of the project scope.

Response: Respondents can manually edit the top of the forms to indicate the correct name of the sub-contractors. The forms are available in Word format and can be found on the SAWS website.

CHANGES TO THE SPECIFICATIONS

1. ELECTRONIC PROPOSAL INSTRUCTIONS

- Second paragraph, first sentence; DELETE “1:00 AM (CDT)” and REPLACE with “1:00 PM (CDT)”.

2. INSTRUCTIONS TO RESPONDENTS

- Page IR-5, DELETE paragraph 9.b. in its entirety and REPLACE with the following:
“Contractor agrees that, unless it is a sole proprietorship or a company with fewer than 10 full-time employees and the value of this Contract is less than \$100,000, it:
 - a. does not boycott Israel and will not do so during the term of this Contract;
 - b. does not boycott energy companies and will not do so during the term of this Contract;
 - c. does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of the Contract against a firearm entity or firearm trade association.

This provision is in compliance with Chapters §2271 and 2274 of the Texas Government Code. SAWS agrees to comply with the United States and Texas Constitutions in consideration of whether to enforce this provision.”

3. PRICE PROPOSAL

- REMOVE the Price Proposal in its entirety and REPLACE with attached.

4. SPECIAL CONDITIONS

- ADD to Special Conditions immediately following SC16 the following paragraph:
“SC17. A Cagnon Ground Storage Tank report dated May 7, 2020 is made available for Contractors for informational purposes only. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report. To complete the disclaimer form and obtain the report, please go to the following link on SAWS website: https://www.saws.org/business_center/ContractSol/.

SC18. An Asbestos Survey Report dated July 30, 2021 is made available for Contractors for informational purposes only. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report. To complete the disclaimer form and obtain the report, please go to the following link on SAWS website: https://www.saws.org/business_center/ContractSol/.”

5. SECTION 01270 – MEASUREMENT AND PAYMENT

- 1.12A Item No. 1, first sentence: ADD “old fiberglass chlorine building,” immediately after “hydro tank foundation,”.
- 1.12A Item No. 10; DELETE in its entirety and REPLACE with the followings:
“**Item No. 10:** Supporting Special Inspections
 1. Description – This item is provided for the work associated with the Supporting Special Inspections per Section 01416 and shall be all inclusive of the work associated with coordinating, documenting, and facilitating the Special Inspections.
 2. Measurement – Measurement of Item No. 10 will be lump sum with partial payments in accordance with the progress of the Special Inspections.
 3. Payment for Item No. 10 is provided for expenses incurred to support Special Inspections.”

6. SECTION 01416 – CODE REQUIRED SPECIAL INSPECTIONS AND PROCEDURES

- ADD the attached Section 01416 – Code Required Special Inspections and Procedure to Contract Documents under Division 1.

7. SECTION 02210 – EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES

- ADD the following language immediately after paragraph 1.02.C:
“Hire a contractor that is specialized in Subsurface Utility Engineering quality levels A, B, C and D to locate, identify, and provide depths and sizes of existing utilities to identify conflicts with proposed improvements and provide for the protection of existing utilities or structures during construction. SAWS personnel will not mark any utilities on the site.”

- 8. SECTION 02220 – TRENCH EXCAVATION, BACKFILL AND COMPACTING FOR UTILITIES**
- ADD the following language immediately after paragraph 1.02.A:
 “Hire a contractor that is specialized in Subsurface Utility Engineering quality levels A, B, C and D to locate, identify, and provide depths and sizes of existing utilities to identify conflicts with proposed improvements and provide for the protection of existing utilities or structures during construction. SAWS personnel will not mark any utilities on the site.”
- 9. SECTION 09820 – PRESTRESSED CONCRETE TANK COATING**
- ADD the following language immediately after 2.01.B and renumber the subsequent:
 “C. Third Coat: Sealing and curing compound:
 1. Diamond Clear Vox by The Euclid Chemical Company or Engineer-approved equal.”
- 10. SECTION 13207 – WIRE-WOUND, PRESTRESSED CONCRETE TANK WITH STEEL DIAPHRAGM**
- Paragraph 1.01.C; REMOVE “DN Tanks, Inc.” and REPLACE with “DN Tanks, LLC”.
 - Paragraph 1.03.D; DELETE in its entirety and renumber the subsequent.
 - ADD the following language at the end of Section 2.01:

“Tank Fill Rate	20,500-gpm
Tank Drain Rate	20,500-gpm”
 - ADD the following language immediately after the second sentence in paragraph 2.02.A:
 “The minimum tank foundation reinforcement shall be #5@6” O.C.E.W. The tank Contractor is responsible for the final design of the tank foundation.”
 - Paragraph 2.04.E; DELETE in its entirety and renumber the subsequent.
 - Paragraph 2.06.A.1.b.; DELETE the second sentence in its entirety.
 - Paragraph 2.06.B; DELETE “J&S Valve model DBV-09-FL or Onyx Valve series DBF or approved equal” from the fourth paragraph and REPLACE with “Tideflex model Series 37 or Engineer approved equal”.
 - Paragraph 2.06.B; DELETE “Duckbill check valve by J&S Valve model DBV-09-FL or Onyx Valve series DBF or approved equal” from the fifth paragraph and REPLACE with “Waterman PF-25 flap valve or Engineer approved equal”.
 - Paragraph 2.06.D; DELETE “Ladder intermediate platform and” from the third paragraph.
 - Paragraph 2.06.G; DELETE “16 x 16 mesh PTFE” in the second paragraph and REPLACE with “16 x 16 mesh woven wire, 0.018 inch min. dia. Type 316 stainless steel”.
- 11. SECTION 15101 – BUTTERFLY VALVES**
- Paragraph 2.1.B.5; DELETE in its entirety and REPLACE with the following language:
 “5. Valve body ends: flat faced flanges per AWWA C207
 a. Class 150B valves: ASME B16.1, class 125 or ASME B16.1, class 150.
 b. Class 250B valves: ASME B16.1 class 125 or ASME B16.1 class 150.
 c. Class 300 valves: ASME B16.5 class 300.
 d. Valve laying length: AWWA C504, Table 2.”
- 12. SECTION 15141 – COUPLINGS, CONNECTORS, AND ADAPTERS**
- Paragraph 1.01.D.5; DELETE in its entirety and REPLACE with the following language:
 “5. Flanges shall be designed to match the working pressure and drilling pattern of the pipe, valves, and other equipment being joined.”

CHANGES TO THE PLANS

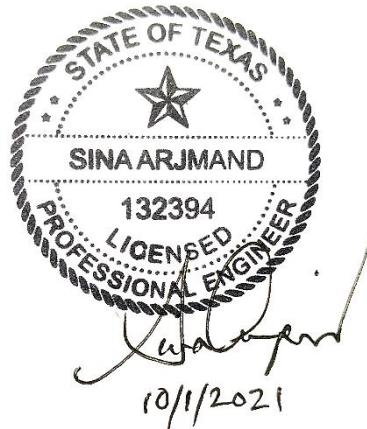
1. DRAWING C-103 – DEMOLITION PLAN
 - REMOVE and REPLACE in its entirety with attached.
2. DRAWING D-501 – STANDARD PROCESS DETAIL I
 - REMOVE and REPLACE in its entirety with attached.
3. DRAWING D-505 – STANDARD PROCESS DETAIL V
 - REMOVE and REPLACE in its entirety with attached.
4. DRAWING S-102 – CAGNON GST FOUNDATION PLAN AND ELEVATION
 - Concrete Tank Slab – Section B-B; REPLACE “0.8%” with “0.86%” in the callout for the foundation reinforcement.
5. DRAWING E-108 – EXTERIOR LIGHTING & HEAT TRACE PNL CONTROLS
 - ADD the following notes to Detail E:
 - “5. FIXTURE: LITHONIA KAD LED 60C 700 40K R4 MVOLT SPD 06 PER5 HS DDBXD DLL12751.5JU OR APPROVED EQUAL FOR COMPLIANCE WITH THE MILITARY LIGHT OVERLAY DISTRICT
 - 6. LITONIA LIGHTING ANCHOR BASE POLE, SQUARE STRAIGHT ALLUMINUM SSA205GDM19VDDDB”

CLARIFICATIONS

1. The revised Price Proposal includes the latest Statement on President’s Executive Orders. Failure to use the updated Price Proposal in this Addendum could result in the proposal being non-responsive.

END OF ADDENDUM

This Addendum, including these six (6) pages, is forty (40) pages with attachments in its entirety.



Sina Arjmand, P.E.
Tetra Tech

Attachments:

1. Price Proposal
2. Section 01416 – Code Required Special Inspection and Procedures
3. Drawings C-103, D-501 and D-505

ATTACHMENT 1
PRICE PROPOSAL

PRICE PROPOSAL

PROPOSAL OF _____, a corporation
a partnership consisting of _____
an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

RESPONDENT'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The Respondent offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **530** calendar days after the start date, as set forth in the Authorization to Proceed. **The Respondent understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Proposal which are included on the following pages.

Statement on President's Executive Orders

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)? Yes No

- (1) Are you, Contractor, held or controlled by individuals who are citizens of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (2) Are you, Contractor, held or controlled by a company or other entity, including a governmental entity, that is owned or controlled by citizens of or directly controlled by the government of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (3) Are you, Contractor, headquartered in China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No

BASE UNIT PRICES FOR:

Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	Demolition	LS	1	\$	\$
2	2 MG Prestressed Concrete Ground Storage Tank (GST)	LS	1	\$	\$
3	1 MG Elevated Storage Tank (EST) Overcoat	LS	1	\$	\$
4	Yard Piping	LS	1	\$	\$
5	WRIP Interconnect and EST Control Valve Assemblies	LS	1	\$	\$
6	Site Civil Work	LS	1	\$	\$
7	Electrical and Instrumentation	LS	1	\$	\$
8	Additional Structural Excavation and Fill for GST	CY	1000	\$	\$
9	Trench Excavation Safety Protection	LF	700	\$	\$
10	Supporting Special Inspections	LS	1	\$	\$
11	Permitting Allowance	ALW	1	\$10,000	\$10,000
12	Start-up and Commissioning Allowance.	ALW	1	\$15,000	\$15,000
SUBTOTAL (ITEMS 1 – 12)				\$	

100	MOBILIZATION AND DEMOBILIZATION, MAX 7% OF LINE ITEMS 1 – 10	LS	1	\$	
101	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION	EA	1	\$	

Mobilization shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1 – 12, 100 AND 101)				\$	
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ATTACHMENT 2

SECTION 01416

CODE REQUIRED SPECIAL INSPECTION AND PROCEDURES

SECTION 01416**CODE REQUIRED SPECIAL INSPECTIONS AND PROCEDURES****PART 1 GENERAL****1.01 DESCRIPTION**

- A. Scope:
1. CONTRACTOR shall provide all labor, materials, tools, equipment, and incidentals as shown, specified, and required to cooperate with the Registered Design Professional in Responsible Charge (RDPiRC), individual special inspectors, and testing agencies employed by OWNER, to facilitate special inspections.
 2. Supplement A, Statement of Special Inspections, included with this Section, lists testing and inspections required.

1.02 DEFINITIONS

- A. Terminology used in this Specification shall comply with Chapter 17 of the International Building Code and the City of San Antonio Development Services Informational Bulletin 132 for definitions of terms related to special inspections, and the following.
- B. Registered Design Professional in Responsible Charge (RDPiRC): A registered design professional in the State of Texas, engaged by the OWNER to review the activities of the CONTRACTOR to assure compatibility with the design of the building or structure and the requirements of the contract documents, including submittal documents prepared by others, deferred submittal documents and phased submittal documents. Responsible for coordinating and verifying the inspection and testing required by the Determination of Required Special Inspections included in this Section.
- C. Special Inspections: Inspection of construction requiring the expertise of an approved Special Inspector to ensure compliance with approved Contract Documents and referenced standards as required by the IBC.
- D. Special Inspections – Continuous: Full time observation of Work requiring Special Inspection by the Special Inspector who is present continuously when and where the work to be inspected is being performed.
- E. Special Inspections – Periodic: Special Inspection by the Special Inspector who is intermittently present where the work to be inspected has been or is being performed.
- F. Special Inspectors: Qualified person employed or retained by OWNER or RDPiRC, having the competence necessary to inspect a particular type of construction requiring Special Inspection.

1.03 QUALITY ASSURANCE

- A. Qualifications:
1. OWNER will employ and pay for services of the Registered Design Professional in Responsible Charge, who will have not less than five years of experience in managing,

monitoring, and inspecting building construction.

2. Inspectors will be qualified in the responsibilities of the Special Inspection for which each is responsible, as well as being approved by the City of San Antonio Building Official as required by the City of San Antonio Development Services Informational Bulletin 132.

B. Regulatory Requirements:

1. Special Inspections will be in accordance with applicable building code and other Laws and Regulations, including City of San Antonio Special Inspection Program Policies, Procedures, and Guidelines, Information Bulletin 132, latest revision.

1.04 SUBMITTALS

A. Action Submittals: Submit the following:

1. Samples:
 - a. Samples: Representative Samples of materials when required by ENGINEER.

B. Informational Submittals: Submit the following:

1. Completed Supplement E, Fabricator's Certificate of Compliance, as attached to this Section, for each fabricator of shop assembled structural systems which are exempt from Special Inspection of shop fabrication.

1.05 OWNER'S RESPONSIBILITIES

- A. Special Inspections are the OWNER's responsibility.
- B. OWNER is responsible for employing or contracting the RDPiRC.
- C. OWNER is responsible for special inspections fees/costs. There fees/costs are not included in any permit or plan review fees.

1.06 REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE RESPONSIBILITIES

A. Registered Design Professional in Responsible Charge will:

1. Complete, stamp, and sign Supplement A, Determination of Required Special Inspections, of this Section to provide names of each inspector and testing agency for each Special Inspection required. Providing supplement A to OWNER, CONTRACTOR, ENGINEER, and Building Official.
2. Engage services of inspectors and testing agencies for Special Inspections in accordance with Supplement A, Determination of Required Special Inspections, of this Section and as required by Laws and Regulations.
3. Assigning only trained, experienced, qualified special inspectors and technicians.
4. Coordinate activities of individual inspectors and testing agencies with CONTRACTOR.
5. Submitting associated special inspector field reports to the building official with a copy of the special inspector, OWNER, CONTRACTOR and ENGINEER, indicating compliance

for any non-complying items reported and advising Building Official to allow work to continue.

6. Complete and provide to the Building Official, OWNER, CONTRACTOR and ENGINEER Supplement B, Final Report of Special Inspections, of this Section, documenting completion of Special Inspections and correction of discrepancies noted in the Special Inspections.

1.07 CONTRACTOR'S RESPONSIBILITIES

- A. Provide safe access to the Work to be tested and inspected.
- B. Provide assistance in obtaining and handling test samples at the Site.
- C. Facilitate inspections and tests.
- D. Provide access to Suppliers' and Subcontractors' operations as required.
- E. Coordinate and schedule for all the necessary Special Inspections and Special Inspections testing.
- F. Notify Registered Professional in Responsible Charge and ENGINEER sufficiently in advance of the Work for the Registered Professional in Responsible Charge and ENGINEER to coordinate their personnel at the Site. Do not cover the Work to be inspected until Special Inspection has been completed and the results thereof are acceptable.
- G. CONTRACTOR shall keep a Special Inspections logbook readily available for both the special inspectors and the city building inspector. The special inspections logbook shall include a copy of the following:
 1. Determination Letter of Required Special Inspections.
 2. The special inspections log and sign in sheet (see Information Bulletin 132 for approved status log format).
 3. A copy of all special inspection reports from the special inspector.
 4. Any changes that may apply to special inspections on the project.
- H. CONTRACTOR shall be responsible for each approved fabricator that is exempt from Special Inspection of shop fabrication and implementation procedures per section 1704.2.5.1 of the International Building Code filling out and submitting a Fabricator's Certificate of Compliance per Supplement E.
- I. Special Inspections required in this Section do not supersede or make unnecessary inspections and tests required under other Specification Sections or standard inspections required by Laws and Regulations.

1.08 INSPECTOR'S RESPONSIBILITIES

- A. Perform specified inspections, sampling, and testing of materials and methods of construction; review and ascertain compliance with Laws and Regulations.

- B. All special inspectors are required to be approved by the Building Official for the City of San Antonio (refer to Information Bulletin 132 for qualifications and application submittal requirements). Registered design professional, principal engineers, and architects in the State of Texas are exempt from submitting qualifications requirements. Individuals acting as Special Inspectors will be required to provide their license number on the Special Inspection Log Sheet.
- C. Promptly notify RDPiRC, OWNER, ENGINEER and CONTRACTOR of irregularities or deficiencies in the Work observed during Special Inspections. Corrective action, if required, will be determined by ENGINEER.
- D. If correction of non-complying items is not performed in a timely manner, the special inspector shall sign and submit a “Notice of Non-Compliance” as included in Supplement D of this Section to the Registered Design Professional in Responsible Charge, CONTRACTOR, and OWNER. In receiving the notice of non-compliance, OWNER may suspend all future work in the areas of such non-compliance until the non-compliant items are corrected and the RDPiRC issues a field report to the Special Inspector, OWNER, and CONTRACTOR indicating compliance.
- E. Promptly prepare, sign, and submit each report of inspections and tests to OWNER, RDPiRC, ENGINEER, and CONTRACTOR. This report shall be prepared on the Report of Required Special Inspections form included in Supplement C.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 FAILURE TO COMPLY

- A. Second or more inspections: All costs for reinspection of work requiring special inspection shall be billed to OWNER by ENGINEER for actual hours required to reinspect, and travel time to and from the job site, by ENGINEER. CONTRACTOR shall pay cost for second and subsequent inspections to OWNER at the completion of the project out of “retainage” as billed by OWNER.

3.02 SUPPLEMENTS

- A. The supplements listed below, following the “End of Section” designation, are part of this Section. Additional forms may be obtained directly for the City of San Antonio. Refer to City of San Antonio “Special Inspections Programs Policies, Procedures, and Guidelines.”
 1. Supplement A – Determination of Required Special Inspections.
 2. Supplement B – Final Report of Special Inspections.
 3. Supplement C – Report of Required Special Inspections
 4. Supplement D – Notice of Non-Compliance.
 5. Supplement E – Fabricator’s Certificate of Compliance.

END OF SECTION

SUPPLEMENT A
DETERMINATION OF REQUIRED SPECIAL
INSPECTIONS

Registered Design Professional in Responsible Charge Letterhead

[Date]

San Antonio Water System

[Owner address 1]

[Owner address 2]

[City, State, Zip]

Determination of Required Special Inspections Section 1704

Project: [Project Name]

[Project Address]

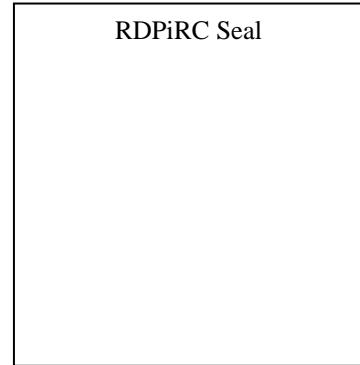
San Antonio, Texas

Section 1704 of the *International Building Code*, as amended by the City of San Antonio, has been reviewed. The following is a list of the required special inspections applicable for this project. A detailed list may be found at the end of this document under the "Statement of Special Inspections."

2018 IBC Section	Type of Special Inspections and Extent	Applicable	Non Applicable	Continuous or Periodic
1705.1.1	Special Cases		X	
1705.2	Steel construction		X	
1705.3	Concrete construction	X		Continuous
1705.4	Masonry construction	X		Continuous
1705.5	Wood construction		X	
1705.6	Soils	X		Continuous
1705.7	Driven deep foundations		X	
1705.8	Cast-in-place deep foundations		X	
1705.9	Helical pile foundations		X	
1705.10	Fabricated Items		X	
1705.11	Special Inspections for wind resistance		X	
1705.12	Special Inspections for seismic resistance		X	
1705.13	Testing for seismic resistance		X	
1705.14	Sprayed fire-resistant materials		X	
1705.15	Mastic and intumescent fire-resistant coatings		X	
1705.16	Exterior insulation and finish systems (EIFS)		X	
1705.17	Fire-resistant penetrations and joints		X	
1705.18	Special inspection for smoke control		X	

2018 IBC Section	Type of Special Inspections and Extent	Applicable	Not Applicable	Details
1706	Design Strength of Materials		X	
1707	Alternative Test Procedures		X	
1708	In-Situ Load Tests		X	
1709	Preconstruction Load Tests		X	

At the completion of construction, a final report written by the Registered Design Professional in Responsible Charge that documents all of the special inspections required will be submitted to the Owner and Contractor.



Respectfully,

[RDPiRC Firm Name]

[Signature of RDPiRC]

[Name of Registered Design Professional in Responsible Charge]

cc: General Contractor, Owner, Engineer

Statement of Special Inspections

General

1. The statement of Special Inspections provides compliance with the provisions of the 2018 International Building Code (IBC) Chapter 17 for Special Inspections and tests.

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
SOILS						
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	1705.6		SECTION 02210, EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER SERVING AS SPECIAL INSPECTOR
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	1705.6		SECTION 02210, EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER SERVING AS SPECIAL INSPECTOR
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	1705.6		SECTION 02210, EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER SERVING AS SPECIAL INSPECTOR
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	1705.6		SECTION 02210, EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES		X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER SERVING AS SPECIAL INSPECTOR
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	1705.6		SECTION 02210, EXCAVATING, BACKFILL AND COMPACTION FOR STRUCTURES	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER SERVING AS SPECIAL INSPECTOR

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
CONCRETE CONSTRUCTION						
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	1705.3 1908.4	ACI 318: Ch. 20, 25.2, 25.3, 26.5.1- 26.5.3	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
2. REINFORCING BAR WELDING:		AWS D1.4 ACI 318: 26.6.4				NOT ALLOWED UNLESS APPROVED BY ENGINEER. SEE STEEL CONSTRUCTION FOR WELDING INSPECTION REQUIREMENTS
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	1705.3	AWS D1.4 ACI 318: 26.6.4	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	1705.3	AWS D1.4 ACI 318: 26.6.4	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
C. INSPECT ALL OTHER WELDS	1705.3	AWS D1.4 ACI 318: 26.6.4	SECTION 03300 CAST-IN-PLACE CONCRETE		X	
3. INSPECT ANCHORS CAST IN CONCRETE	1705.3	ACI 318: 17.8.2	SECTION 03300 CAST-IN-PLACE CONCRETE	X		

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS						
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	1705.3	ACI 318: 17.8.2.4	SECTION 05051 ANCHOR SYSTEMS	X	X	
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4. A.	1705.3	ACI 318: 17.8.2	SECTION 05051 ANCHOR SYSTEMS	X	X	
5. VERIFY USE OF REQUIRED DESIGN MIX	1705.3 1904.1, 1904.2, 1908.2, 1908.3	ACI 318: Ch. 19, 26.4.3, 26.4.4	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	1705.3 1908.10	ASTM C 172, ASTM C 31, ACI 318: 26.5, 26.12	SECTION 03300 CAST-IN-PLACE CONCRETE		X	
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	1908.6 1908.7 1908.8	ACI 318: 26.6.5	SECTION 03300 CAST-IN-PLACE CONCRETE		X	

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	1908.9	ACI 318: 26.5.3-26.5.5	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
9. INSPECT PRESTRESSED CONCRETE FOR:						
A. APPLICATION OF PRESTRESSING FORCES: AND		ACI 318: 26.10			X	REVIEW OF PCI CERTIFICATION IN LIEU OF CONTINUOUS SPECIAL INSPECTION.
B. GROUTING OF BONDED PRESTRESSING TENDONS		ACI 318: 26.10			X	REVIEW OF PCI CERTIFICATION IN LIEU OF CONTINUOUS SPECIAL INSPECTION.
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS		ACI 318: 26.9		X		
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS		ACI 318: 26.11.2	SECTION 03300 CAST-IN-PLACE CONCRETE	X		
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		ACI 318: 26.11.1.2(b)	SECTION 03300 CAST-IN-PLACE CONCRETE	X		

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
MASONRY CONSTRUCTION						
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:						
A. PROPORTIONS OF SITE-PREPARED MORTAR	1705.4	TMS 602-16: Table 3		X		
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	1705.4	TMS 602-16: Table 3		X		
C. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS AND PRESTRESSING TENDONS AND ANCHORAGES	1705.4	TMS 602-16: Table 3		X		
D. PRESTRESSING TECHNIQUE	1705.4	TMS 602-16: Table 3		X		
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	1705.4	TMS 602-16: Table 3		X		
F. SAMPLE PANEL CONSTRUCTION	1705.4	TMS 602-16: Table 3		X		

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	1705.4					
A. GROUT SPACE	1705.4	TMS 602-16: Table 3		X		
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	1705.4	TMS 602-16: Table 3		X		
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	1705.4	TMS 602-16: Table 3		X		
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	1705.4	TMS 602-16: Table 3		X		

SYSTEM OR MATERIAL	2018 IBC CODE REFERENCE	REFERENCED STANDARD	REFERENCE SPECIFICATION SECTION	PERIODIC OWNER FURNISHED SPECIAL INSPECTION	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:						
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	1705.4	TMS 602-16: Table 3		X		
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	1705.4	TMS 602-16: Table 3		X		
C. SIZE AND LOCATION STRUCTURAL MEMBERS	1705.4	TMS 602-16: Table 3		X		NOT ALLOWED UNLESS APPROVED BY ENGINEER. SEE STEEL CONSTRUCTION FOR WELDING INSPECTION REQUIREMENTS
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	1705.4	TMS 602-16: Table 3		X		
E. WELDING OF REINFORCEMENT	1705.4			NOT APPLICABLE	X	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELLOW 40F) OR HOT WEATHER (TEMPERATURE ABOVE 90F)	1705.4	TMS 602-16: Table 3		X		
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	1705.4	TMS 602-16: Table 3			X	

H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	1705.4	TMS 602-16: Table 3			X	
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN BED MORTAR JOINTS	1705.4	TMS 602-16: Table 3			X	
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.	1705.4	TMS 602-16: Table 3		X		
NOTES:						
1. PERIODIC INSPECTION IS DEFINED AS INSPECTION BY THE SPECIAL INSPECTOR OF ALL MATERIALS AND SYSTEMS, IN SOME CASES PERFORMED DURING THEIR PLACEMENT AND IN ALL CASES PERFORMED UPON COMPLETION OF THEIR PLACEMENT. THE COMPLETION INSPECTION SHALL BE PERFORMED SO THAT WORK CAN BE CORRECTED PRIOR TO OTHER RELATED WORK PROCEEDING.						

SUPPLEMENT B
FINAL REPORT OF REQUIRED SPECIAL
INSPECTIONS

Registered Design Professional in Responsible Charge Letterhead

[Date]

San Antonio Water System

[Owner address 1]

[Owner address 2]

[City, State, Zip]

Final Report of Required Special Inspections

Project: [Project Name]

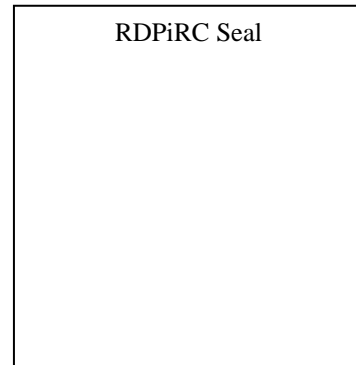
[Project Address] San Antonio,

Texas

The appropriate design professionals prepared and submitted a list of required special inspections (as required by the International Building Code Section 1704.1).

As the registered design professional in responsible charge for all required inspections for this project during construction, to the best of my information, knowledge and belief, the listed required inspections and tests for this project have been performed and all discovered discrepancies have been resolved.

Inspections and tests performed, either periodically or continuously, represent all the work for the item inspected.



Respectfully,

[RDPiRC Firm Name]

[Signature of RDPiRC]

[Name of Registered Design Professional in Responsible Charge]

cc: General Contractor, Owner, Engineer

All Special Inspectors listed below

[Project Name, Address]

The following is a complete list of all of the required inspections listed on the permitted construction documents along with the names of each of the inspectors that inspected this project:

<u>Inspection Required</u>	<u>Special Inspector Name / Firm Name</u>
Geotechnical / Structural Related Inspections	
1) Section 1705.2 Steel construction	_____
2) Section 1705.3 Concrete construction	_____
3) Section 1705.4 Masonry construction	_____
4) Section 1705.5 Wood construction	_____
5) Section 1705.6 Soils	_____
6) Section 1705.7 Driven deep foundations	_____
7) Section 1705.8 Cast-in-place deep foundations	_____
8) Section 1705.9 Helical pile foundations	_____
9) Section 1705.10 Fabricated Items	_____
10) Section 1705.11 Special Insp. for Wind resistance	_____
11) Section 1705.12 Special Insp. for seismic resistance	_____
12) Section 1705.13 Testing for seismic resistance	_____
13) Section 1705.1.1 Special Cases	_____
Architectural Related Inspections	
14) Section 1705.14 Sprayed fire-resistant materials	_____
15) Section 1705.15 Mastic & intumescent fire-resistant coatings	_____
16) Section 1705.16 EIFS	_____
17) Section 1705.17 Fire resistant penetrations and joints	_____
Mechanical Related Inspections	
18) Section 1705.18 Special inspections/smoke control	_____
Tests	
19) Section 1706 Design Strengths of Materials	_____
20) Section 1707 Alternative Test Procedures	_____
21) Section 1708 In-Situ load tests	_____
22) Section 1709 Preconstruction load tests	_____

Notes:

- Inspectors for inspections not required for this project are listed as “not required”. Inspections not required remain on the list in order to inform the building official that this project does not require the specific inspections.

RDPiRC Final Remarks or Comments:

SUPPLEMENT C
REPORT OF REQUIRED SPECIAL
INSPECTIONS

Special Inspector Letterhead

[Date]
[Registered Design Professional in Responsible Charge
(RDPiRC)] [Address1]
[Address
2] [CSZ]

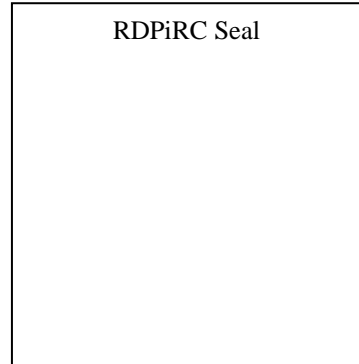
Report of Required Special Inspections

Project: [Project Name]
[Project Address] San Antonio,
Texas

The appropriate design professionals prepared and submitted a list of required inspections (as required by the *International Building Code* Section 1704.2 as amended by the City of San Antonio).

As your special inspector for the specific required inspections listed below for this project during construction, to the best of my information, knowledge and belief, the listed required inspections and tests for this project have been performed and all discovered discrepancies have been resolved.

Inspections and tests performed, either periodically or continuously, represent all the work for the item inspected.



Respectfully,

[RDPiRC Firm Name]

[Signature of RDPiRC]

[Name of Registered Design Professional in Responsible Charge]

cc: General Contractor, Owner, Engineer

All Special Inspectors listed below

The following is a list of the required items of construction listed on the construction documents that I inspected:

Inspections Required	Special Inspector / Firm
Section 1705.1.1	Special Cases: _____
Section 1705.2	Steel Construction: _____
Section 1705.3	Concrete Construction: _____
Section 1705.4	Masonry Construction: _____
Section 1705.5	Wood Construction: _____
Section 1705.6	Soils: _____
Section 1705.7	Driven Deep Foundations: _____
Section 1705.8	Cast-In-Place Deep Foundations: _____
Section 1705.9	Helical Pile Foundations: _____
Section 1705.10	Fabricated Items: _____
Section 1705.11	Special Inspections for Wind Resistance: _____
Section 1705.12	Special Inspections for Seismic Resistance: _____
Section 1705.13	Testing for Seismic Resistance: _____
Section 1705.14	Sprayed Fire-Resistant Materials: _____
Section 1705.15	Mastic and Intumescent Fire-Resistant Coatings: _____
Section 1705.16	Exterior Insulation and Finish Systems: _____
Section 1705.17	Fire Resistant Penetrations and Joints: _____
Section 1705.18	Special Inspections for smoke control (see IB 185): _____
Section 1706	Design Strength of Materials: _____
Section 1707	Alternative Test Procedures: _____
Section 1708	In-Situ Load Tests: _____
Section 1709	Preconstruction Load Tests: _____

Notes:

- List includes only the inspections performed by this inspector. Other inspectors for the other required inspections listed on the construction documents will submit other statements.

Additional Comments:

SUPPLEMENT D
NOTICE OF NON-COMPLIANCE

Special Inspector Letterhead

[Date]

[Registered Design Professional in Responsible Charge (RDPiRC)]

[Address 1]

[Address 2]

[CSZ]

NOTICE OF NON-COMPLIANCE

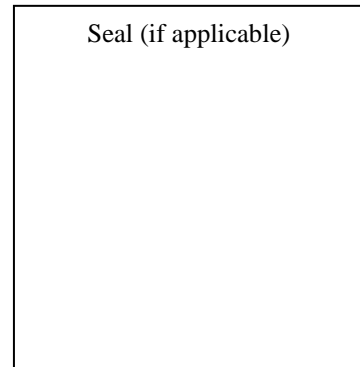
Project: [Project Name]
[Project Address]
San Antonio, Texas

According to Section 1704.2.4 of the 2018 *International Building Code*, discrepancies shall be brought to the attention of the registered design professional in responsible charge.

As a special inspector for the specific required special inspections for this project during construction, special inspections performed indicate that the construction of the does not comply with the requirements of the construction documents.

DO NOT COVER OR CONCEAL ANY WORK IN AREAS OF NON-COMPLIANCE UNTIL CORRECTING THE NON- COMPLIANT WORK AND RECEIVING A FIELD REPORT INDICATING THE WORK IS CORRECTED.

Attached are test/inspection reports describing the non-compliant construction.



Respectfully,

[RDPiRC Firm Name]

[Signature of RDPiRC]

[Name of Registered Design Professional in Responsible Charge]

cc: General Contractor, Owner, Engineer

SUPPLEMENT E
FABRICATOR'S CERTIFICATE OF
COMPLIANCE

Fabricator's Certificate of Compliance

Each approved fabricator that is exempt from Special Inspection of shop fabrication and implementation procedures per section 1704.2.5.1 of the International Building Code must submit a *Fabricator's Certificate of Compliance* at the completion of fabrication

Project: Fabricator's Name: Address:

Certification or Approval Agency: Certification Number:

Date of Last Audit or Approval:

Description of structural members and assemblies that have been fabricated:

I hereby certify that items described above were fabricated in strict accordance with the Contract Documents.

Signature

Date

Title

Attach copies of fabricator's certification or building code evaluation service report and fabricator's quality control manual.

ATTACHMENT 3
DRAWINGS C-103, D-501 AND D-505

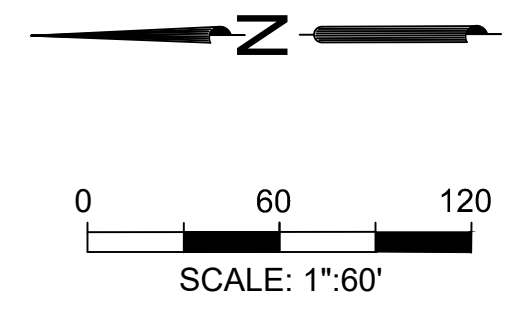
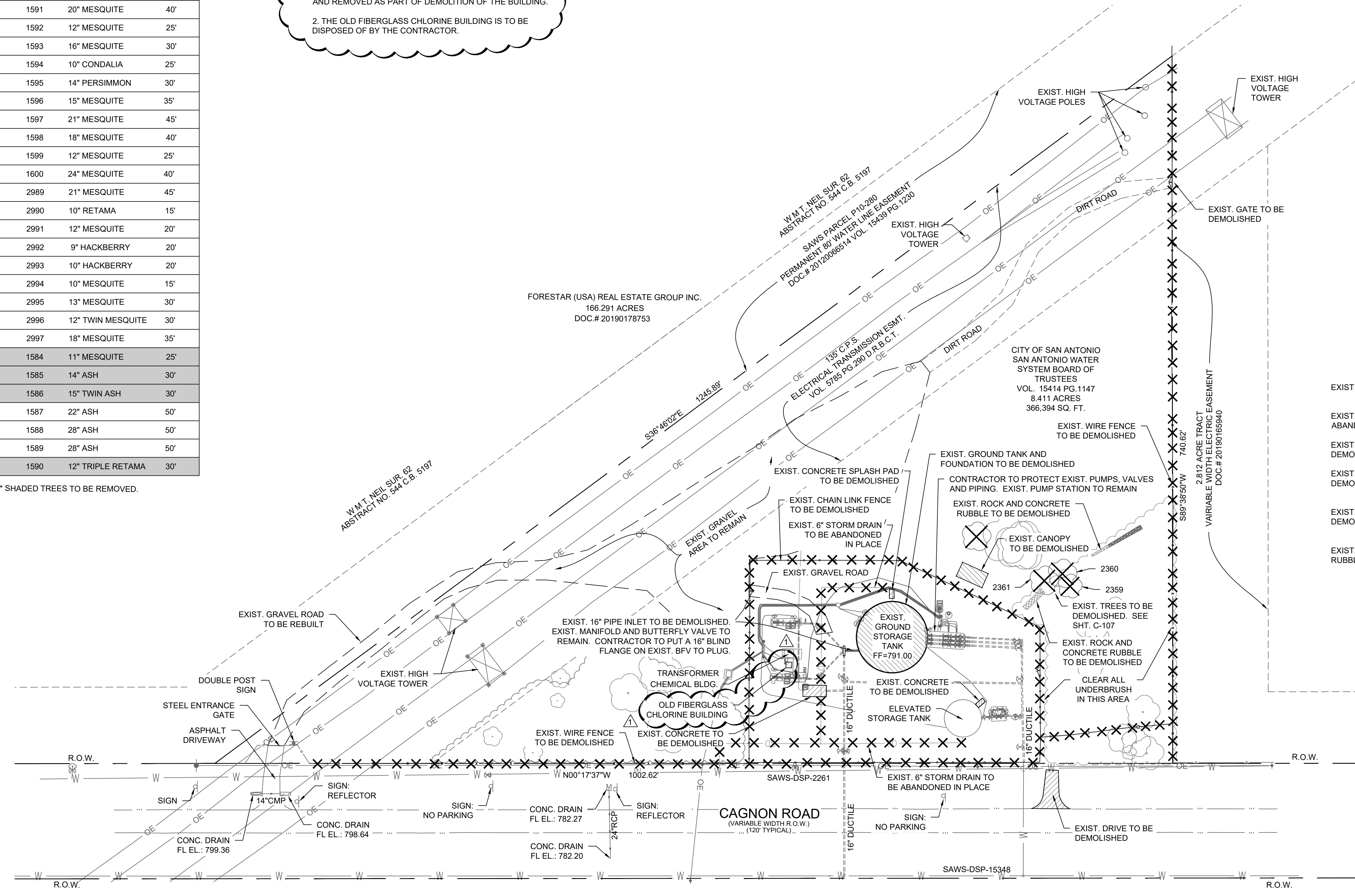
10/1/2021 9:32:39 AM - W:\WORK\1657 SAWS CAGNON GST REPLACEMENT PROJECT\DESIGN\CIVIL\CONSTRUCTION DOCUMENTS\ADDENDUM 4\CONSTRUCTION DOCUMENTS\C-103 DEMOLITION (ADD 4).DWG - MICHAEL LINTON

TREE LIST			
POINT NO.	TAG NO.	SIZE & TYPE	DRIP DIA.
1377	1591	20" MESQUITE	40'
1378	1592	12" MESQUITE	25'
1379	1593	16" MESQUITE	30'
1380	1594	10" CONDALIA	25'
1381	1595	14" PERSIMMON	30'
1382	1596	15" MESQUITE	35'
1383	1597	21" MESQUITE	45'
1384	1598	18" MESQUITE	40'
1385	1599	12" MESQUITE	25'
1386	1600	24" MESQUITE	40'
1390	2989	21" MESQUITE	45'
1391	2990	10" RETAMA	15'
1392	2991	12" MESQUITE	20'
1393	2992	9" HACKBERRY	20'
1394	2993	10" HACKBERRY	20'
1463	2994	10" MESQUITE	15'
1464	2995	13" MESQUITE	30'
1465	2996	12" TWIN MESQUITE	30'
1466	2997	18" MESQUITE	35'
2359	1584	11" MESQUITE	25'
2360	1585	14" ASH	30'
2361	1586	15" TWIN ASH	30'
2362	1587	22" ASH	50'
2363	1588	28" ASH	50'
2364	1589	28" ASH	50'
2365	1590	12" TRIPLE RETAMA	30'

* SHADED TREES TO BE REMOVED.

NOTES:

1. THE UTILITIES SERVING THE EXISTING BUILDING TO BE DEMOLISHED ARE TO BE CUT/CAPPED AT THE SOURCE AND REMOVED AS PART OF DEMOLITION OF THE BUILDING.
2. THE OLD FIBERGLASS CHLORINE BUILDING IS TO BE DISPOSED OF BY THE CONTRACTOR.



LEGEND

- EXIST. TREE TO BE REMOVED
- EXIST. STORM DRAIN TO BE ABANDONED IN PLACE
- EXIST. FENCE TO BE DEMOLISHED
- EXIST. STRUCTURE TO BE DEMOLISHED
- EXIST. CONCRETE TO BE DEMOLISHED
- EXIST. ROCK/CONCRETE RUBBLE TO BE DEMOLISHED

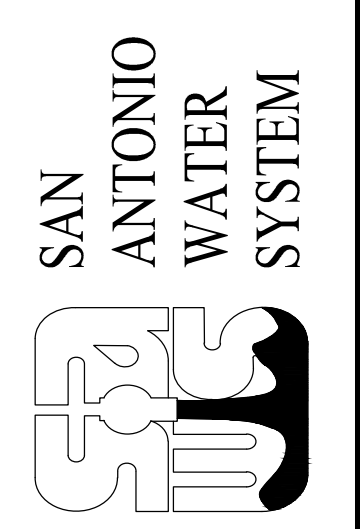
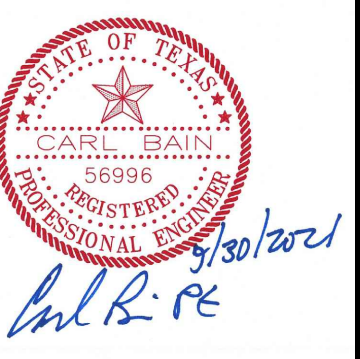


7073 San Pedro Avenue
San Antonio, Texas 78216
P: (210)494-7223 F: (210)490-5120
TBPE: F-1712/TBPLS: 10020900



711 NAVARRO STREET, SUITE 560
SAN ANTONIO, TEXAS 78205
Ph: (210) 299-7900 Fax: (210) 226-8497

ADDENDUM NO. 4



MARK	DATE	DESCRIPTION	BY
1	9/30/21	ADDENDUM NO. 4	SA

SAN ANTONIO WATER SYSTEMS
CAGNON RD GROUND STORAGE TANK
REPLACEMENT PROJECT

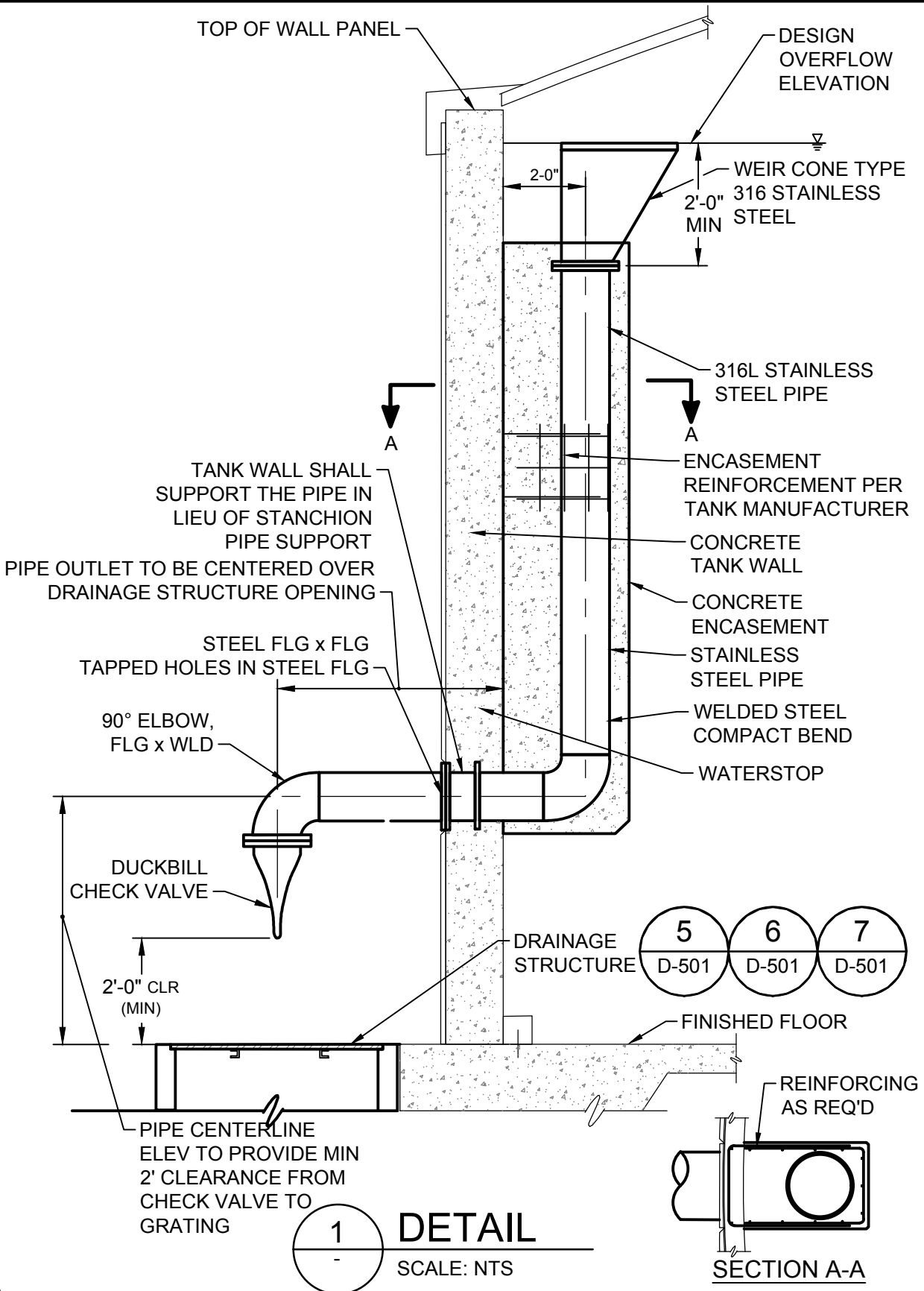
DEMOLITION PLAN

PROJ: 200-09380-19001-04
DESIGN: RM
DRAWN: ML
CHECKED: CB

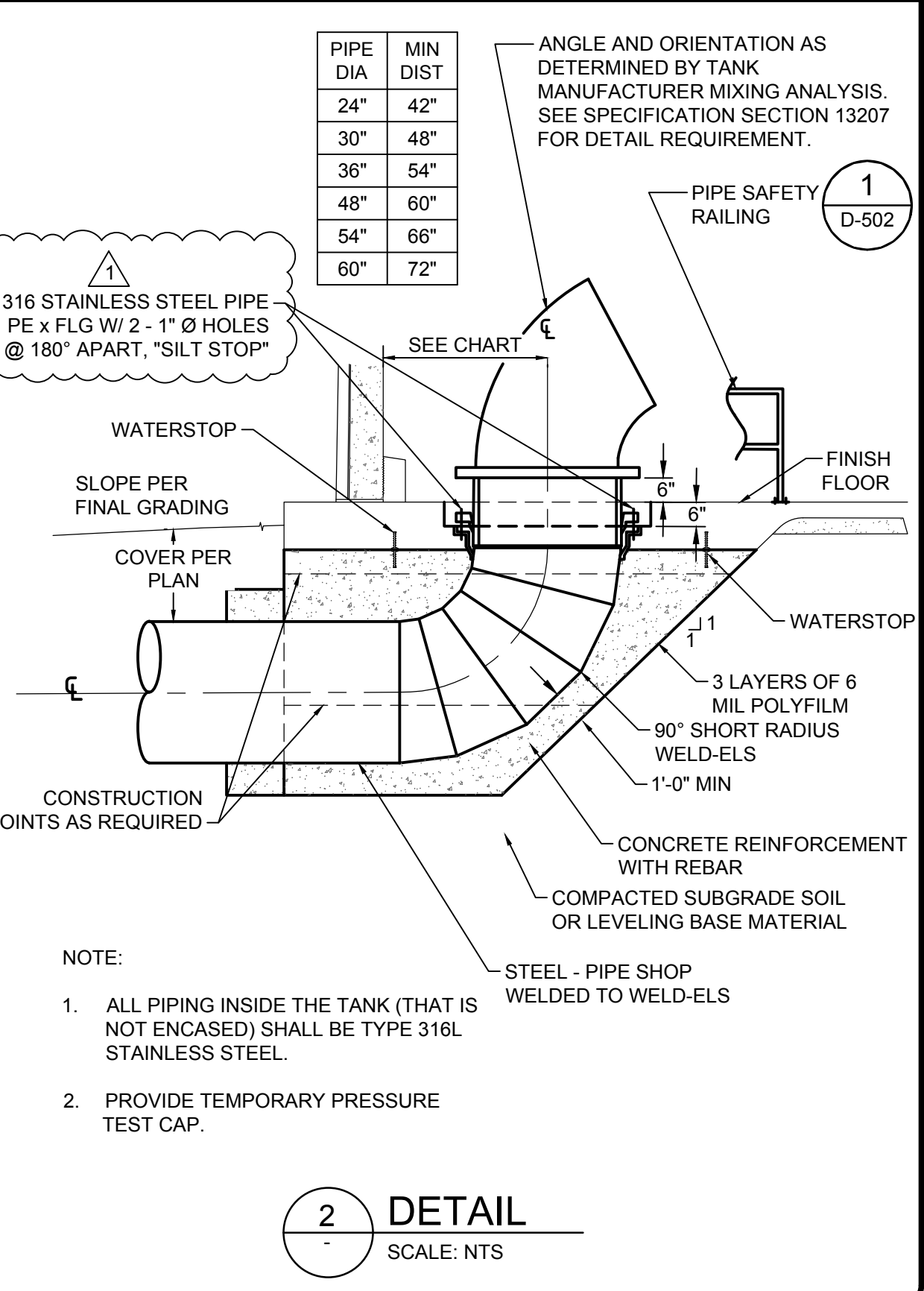
C-103

Bar measures 1 inch, otherwise drawing is not to scale

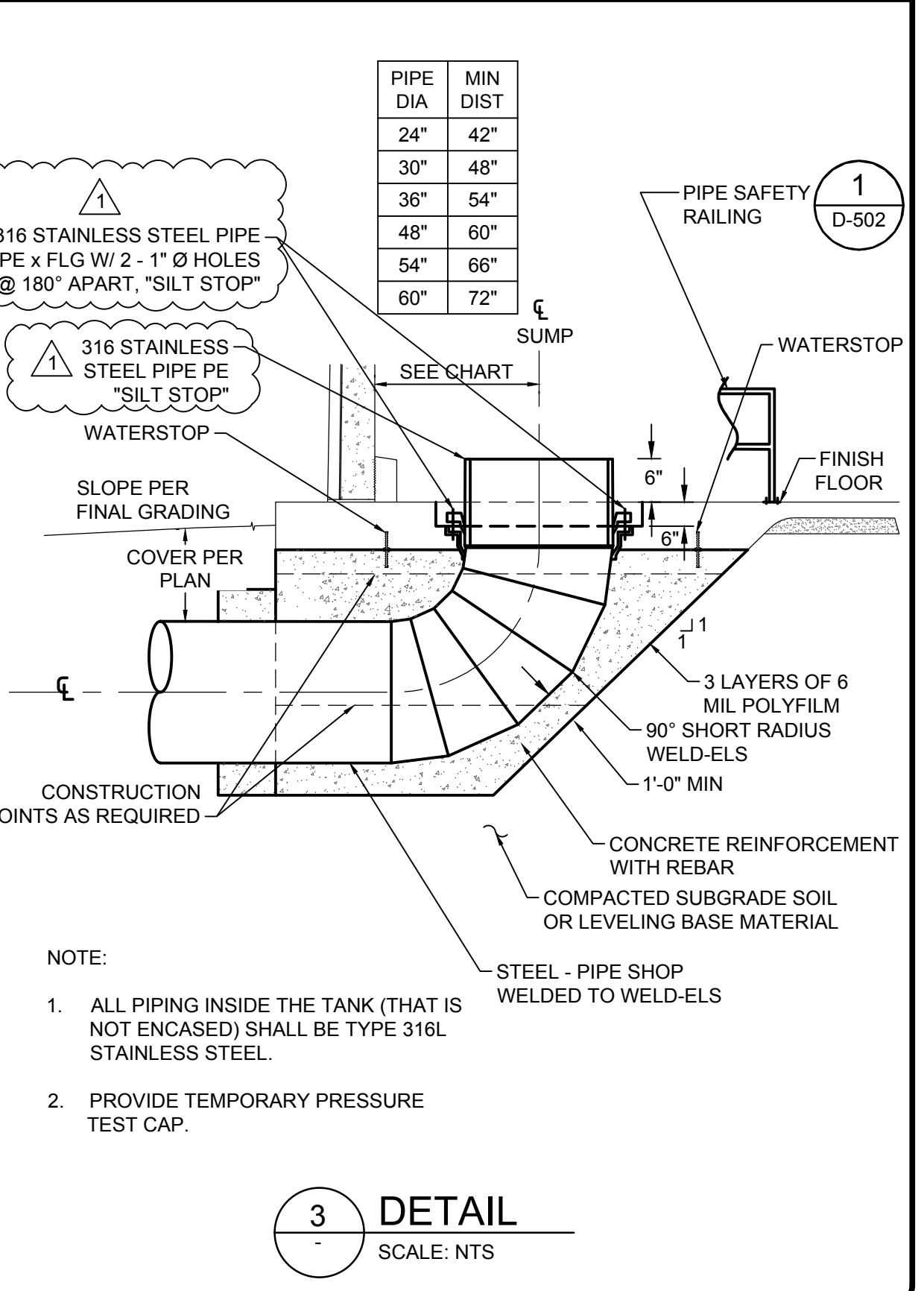
OVERFLOW PIPE



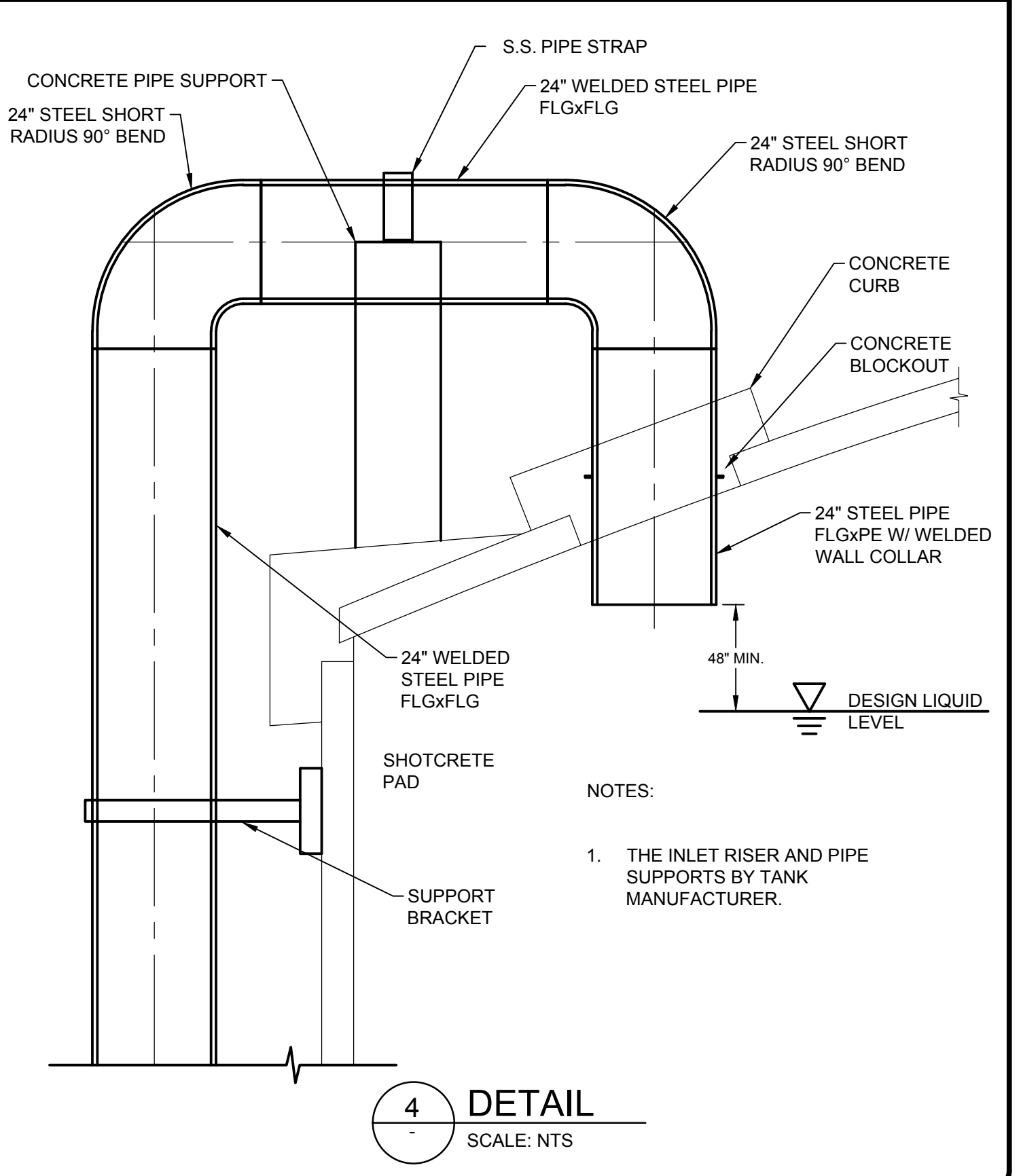
TANK FLOOR INLET



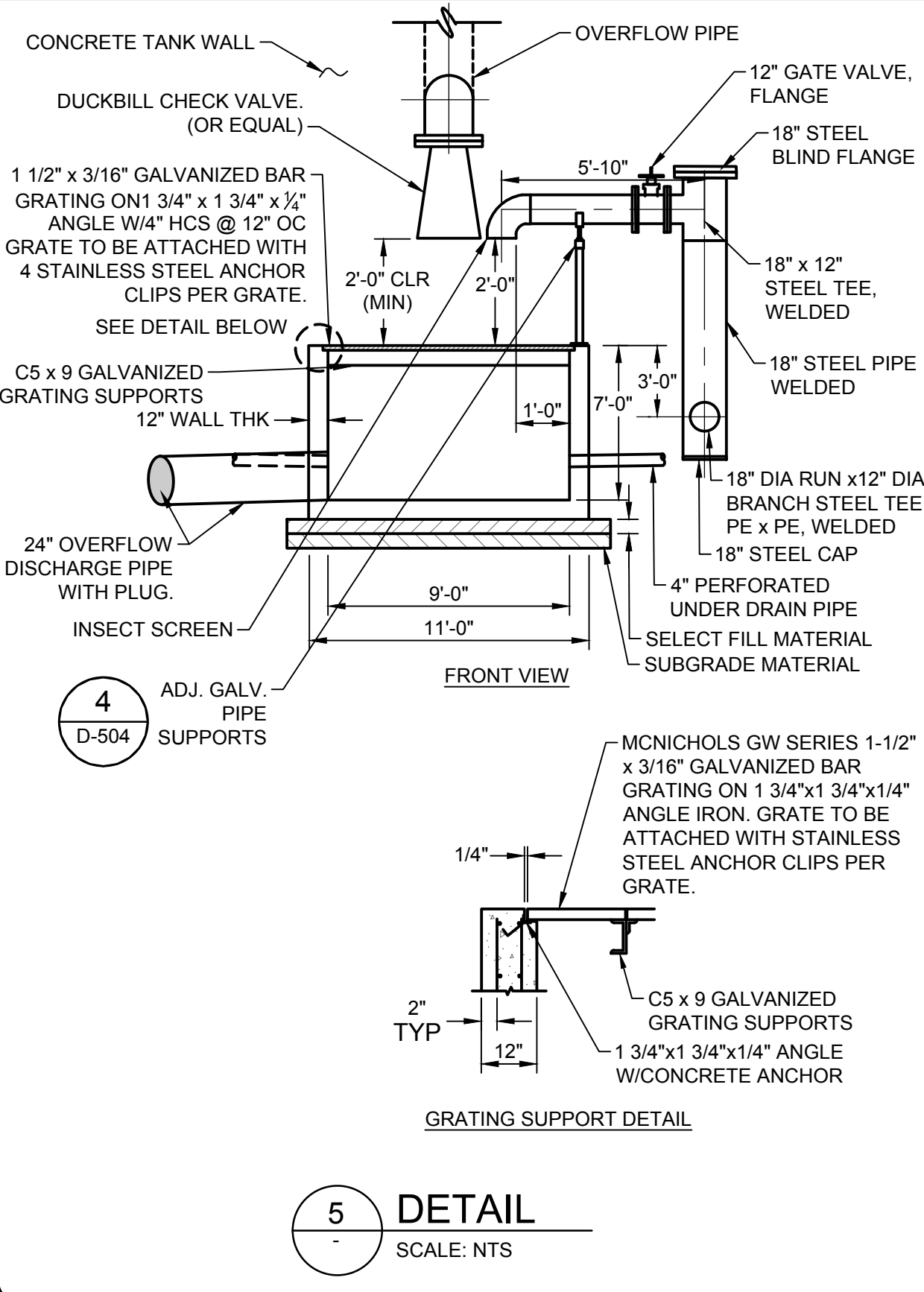
TANK FLOOR OUTLET



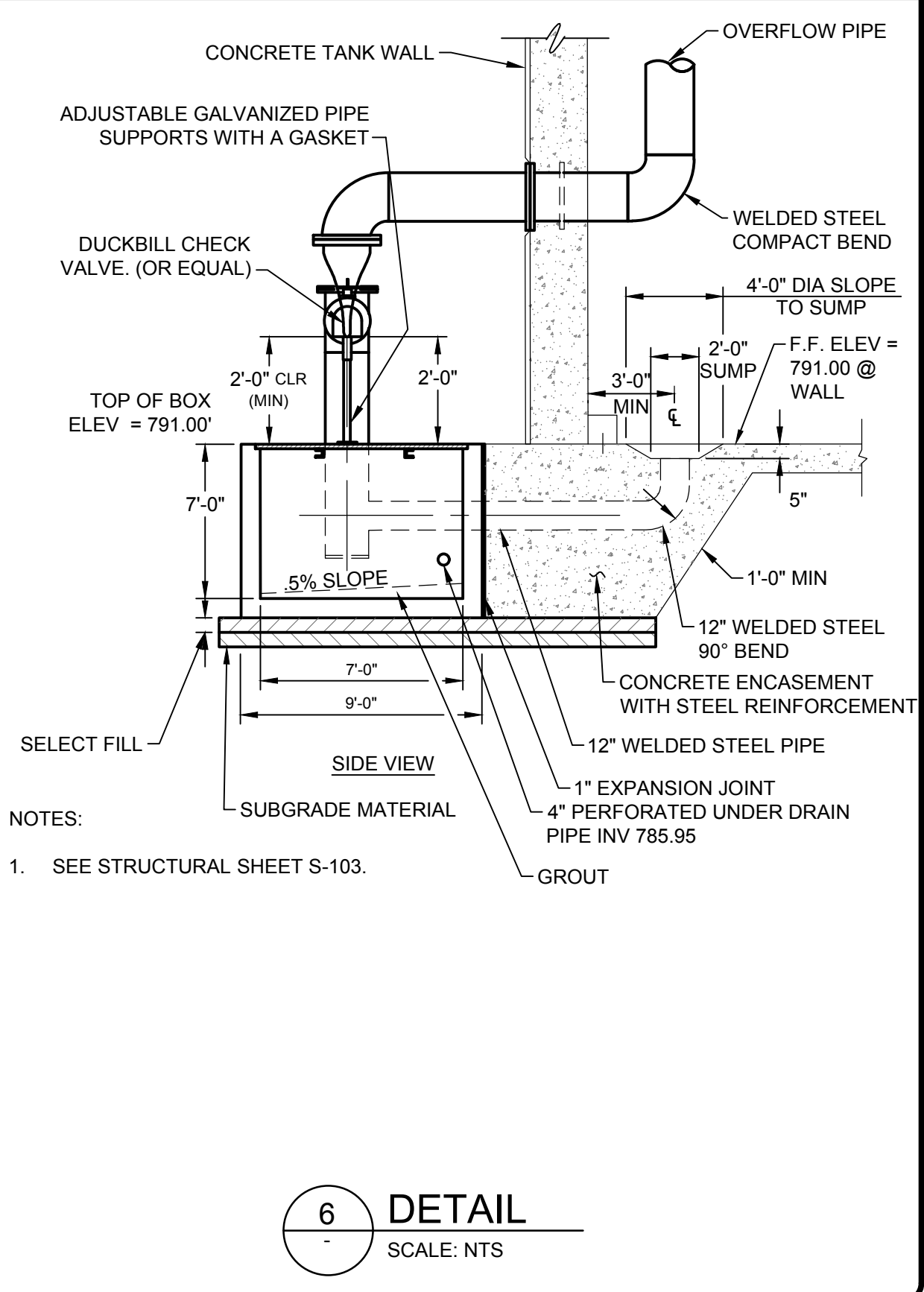
EXTERIOR INLET RISER



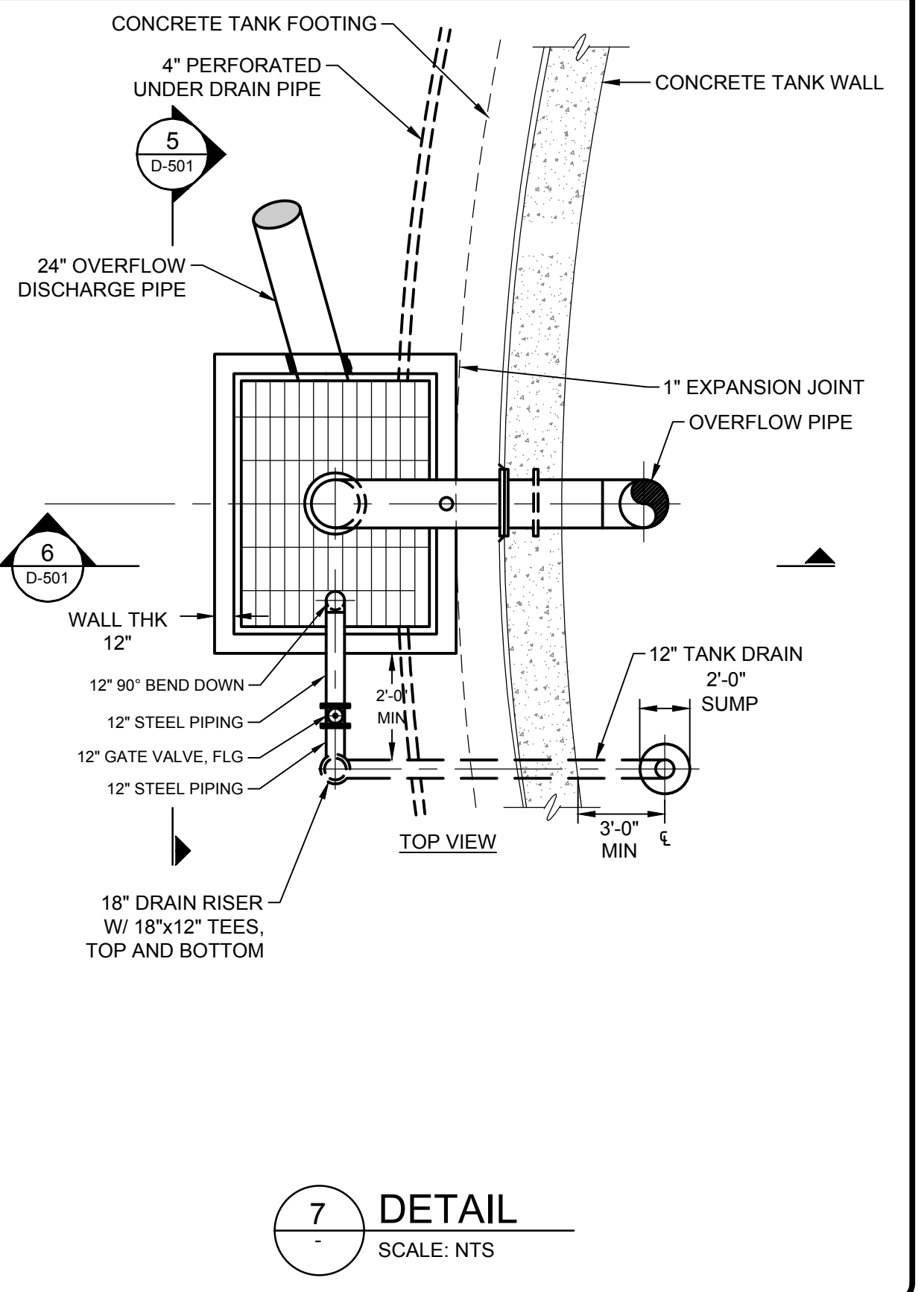
DRAINAGE STRUCTURE - FRONT VIEW



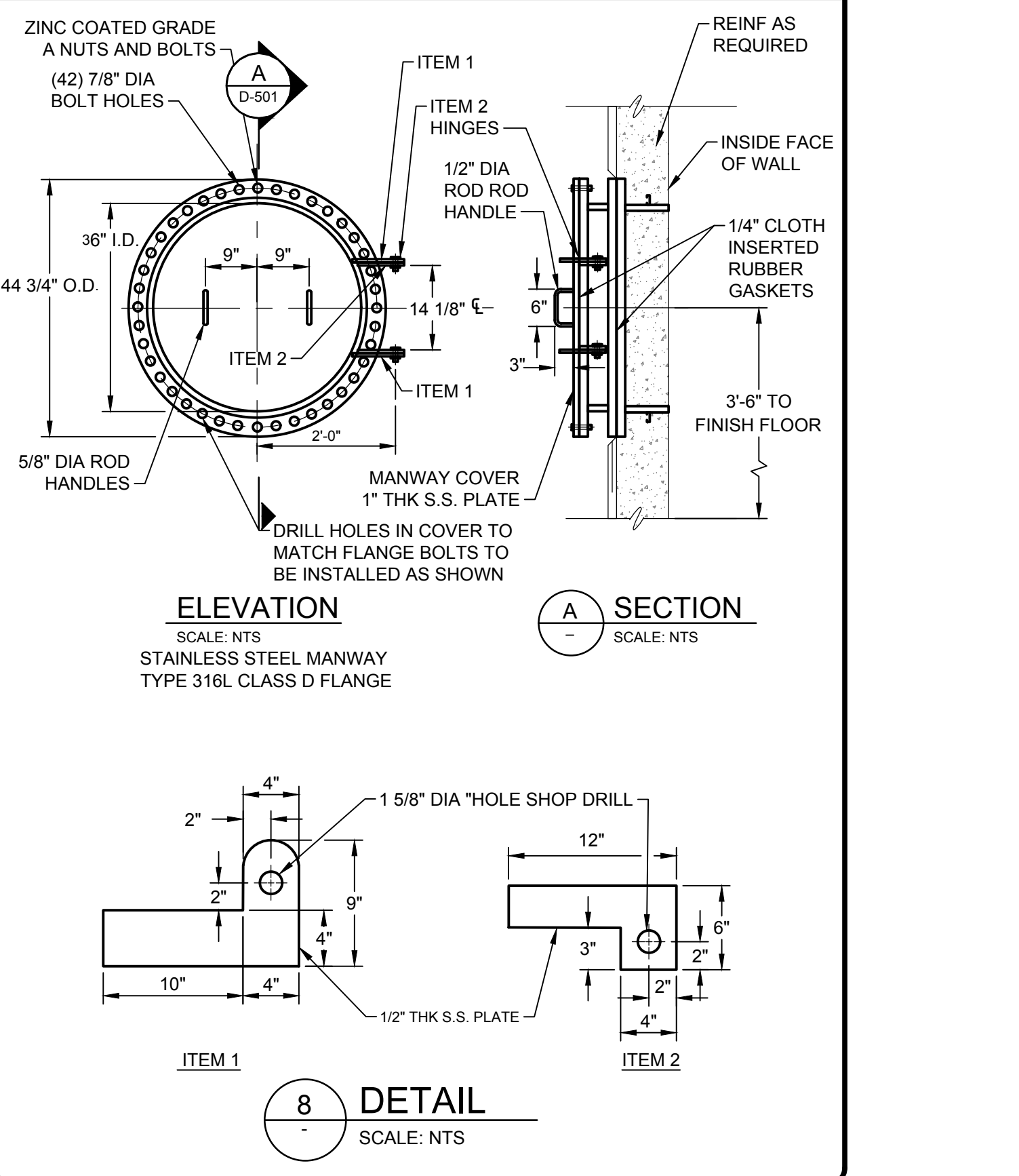
DRAINAGE STRUCTURE - SIDE VIEW



DRAINAGE STRUCTURE - PLAN VIEW



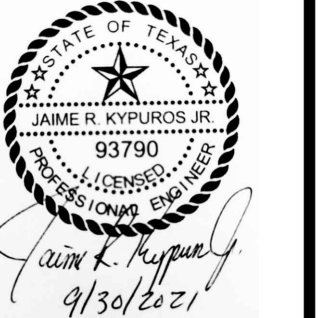
36" SHELL MANWAY



9/30/2021 1:47:40 PM - C:\PROJECTS\SAN ANTONIO\09380\00-09380-1\04\CAD\SHSHEET\FILESD-501 STANDARD PROCESS DETAILS.DWG - GUARD, STEVEN

TETRA TECH
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ADDENDUM NO. 4



SAN ANTONIO WATER SYSTEM

BY	SA
DATE	09/27/21
DESCRIPTION	ADDENDUM NO. 4
MARK	1

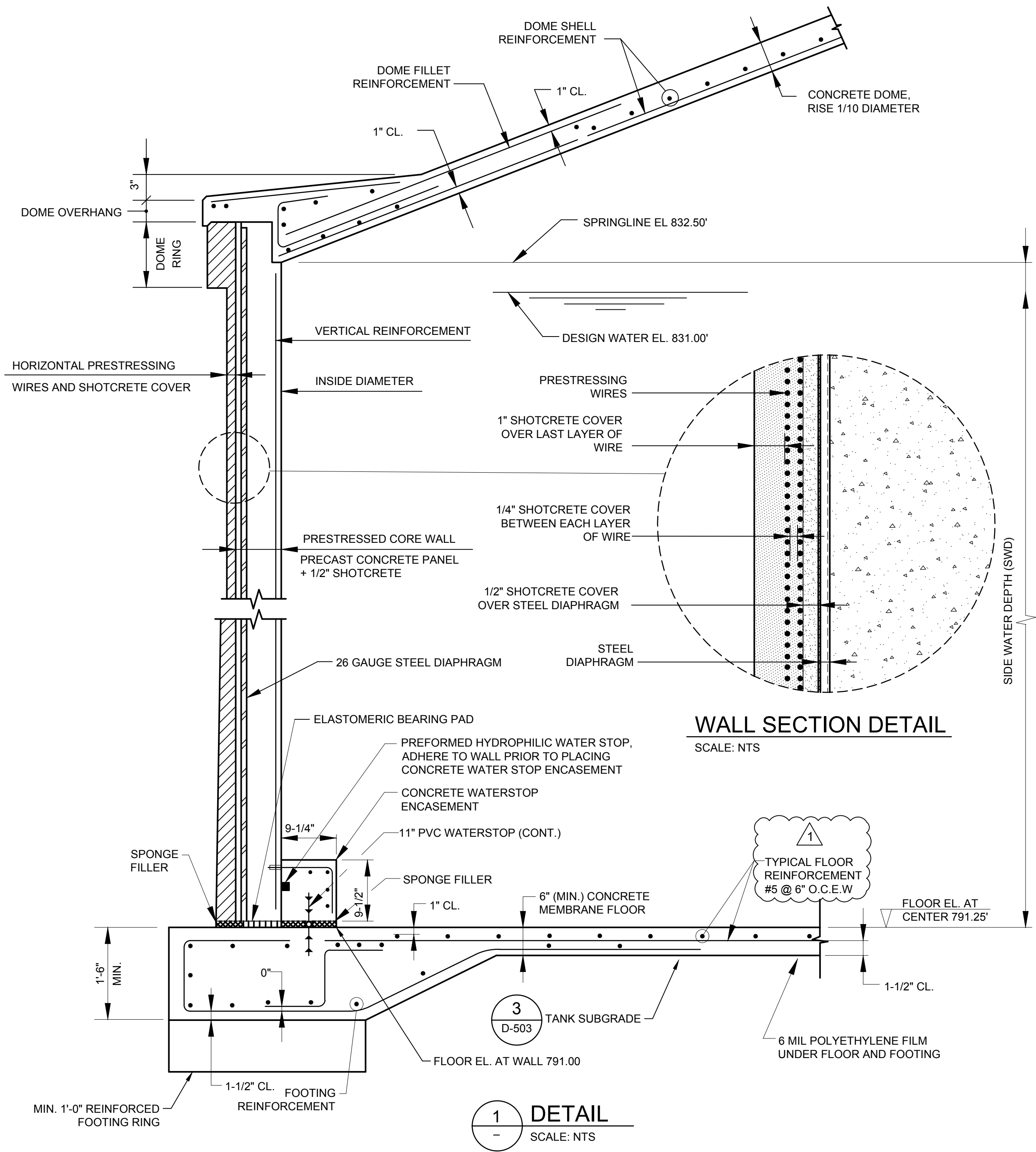
SAN ANTONIO WATER SYSTEMS
CAGNON RD GROUND STORAGE TANK
REPLACEMENT PROJECT
STANDARD PROCESS DETAILS I

PROJ: 200-09380-19001-04
DESN: SA
DRWN: SGG
CHKD: MWB

D-501

9/30/2021 1:51:44 PM - C:\PROJECTS\SAN ANTONIO\09308\200-09308-19001-04\CAD\ASHEETS\DETAILS V.DWG - GUARD - STEVEN

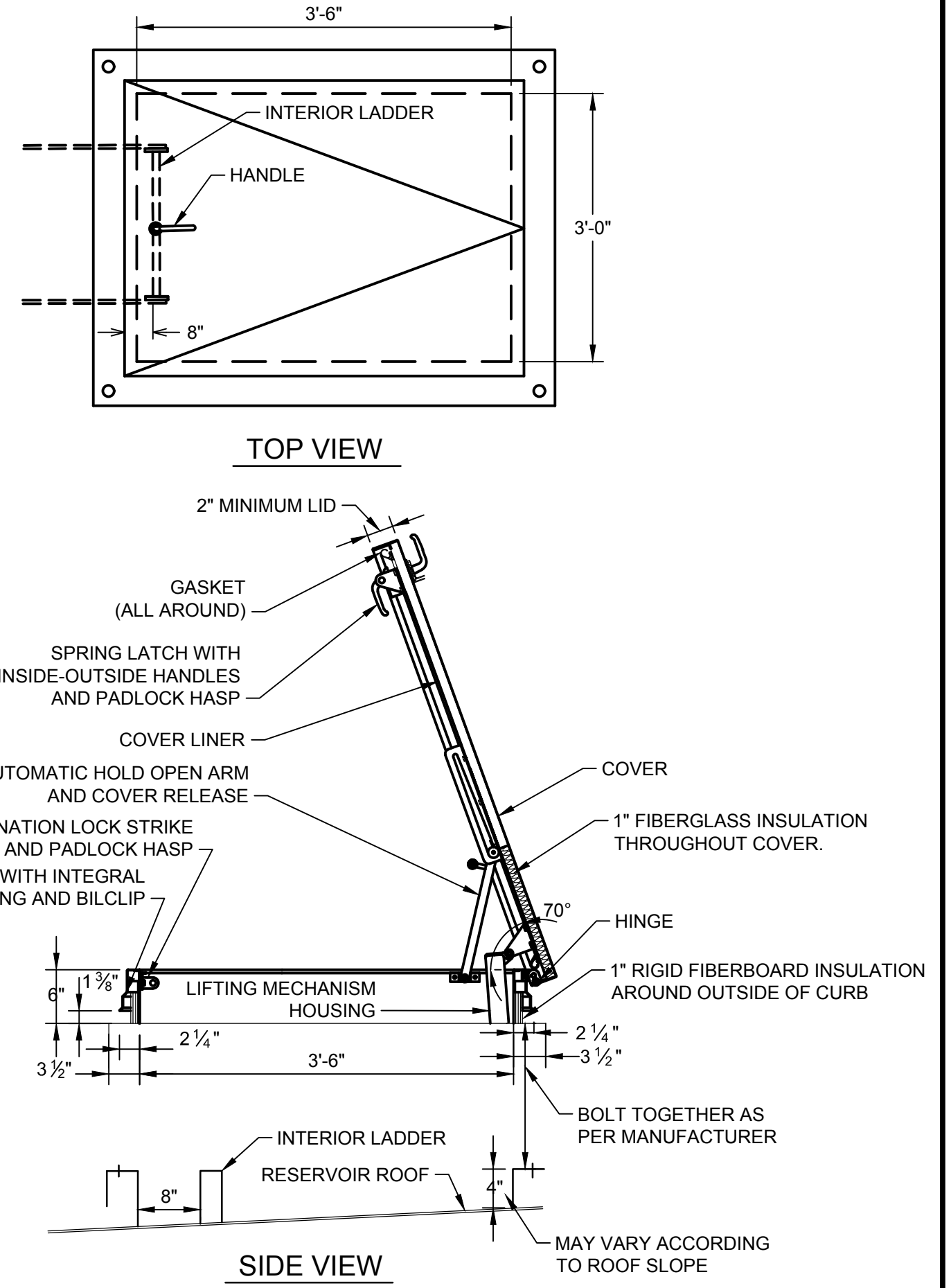
GROUND STORAGE TANK



WALL SECTION DETAIL
SCALE: NTS

1
SCALE: NTS

ACCESS HATCH DETAIL (3'-0" X 3'-6" OPENING)



2
SCALE: NTS

- NOTES:
1. BILCO (TYPE "S") ROOF SCUTTLE; HALLIDAY F-1R SERIES; OR APPROVED EQUAL.
 2. ALL HARDWARE FOR HATCHES SHALL BE STAINLESS STEEL.
 3. ALL ALUMINUM SHALL BE ISOLATED FROM CONCRETE BY A NEOPRENE GASKET.
 4. COVER HATCH WITH POLYETHYLENE FOR PROTECTION DURING CONSTRUCTION.

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ADDENDUM NO. 4

 JAMES R. KYRIAKOS
 93790
 STATE OF TEXAS
 EXPIRES 9/30/2021

SAN ANTONIO WATER SYSTEM

MARK	DATE	DESCRIPTION	BY	SA
1	09/27/21	ADDENDUM NO. 4	SA	

SAN ANTONIO WATER SYSTEMS
 CAGNON RD GROUND STORAGE TANK
 REPLACEMENT PROJECT
STANDARD
PROCESS DETAILS V

PROJ:	200-09380-19001-04
DESN:	SA
DRWN:	SGG
CHKD:	MWB

D-505

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