



**WATER RESOURCES INTEGRATION PROGRAM (WRIP) PHASE 2,
PUMP STATION IMPROVEMENTS
SAWS Job No. 16-8604
SAWS Solicitation No. CO-00339**

**ADDENDUM 1
6/30/2020**

To Bidder 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 bid proposal.

RESPONSES TO QUESTIONS

1. Please confirm proposals may be submitted via the drop box without Owners permission, per IV-1. 01300 – 2/8, 1.03. A. 3. states ‘CONTRACTOR may deliver submittals to Owner using conventional mail only after securing Owner’s written approval’.
Response: Proposals may be submitted via the drop box without Owner’s permission.
2. Please clarify if Final Completion is 660 days per Price Proposal (PP-1) and Proposal Certification (PC-1) or 661 days per Contract (CA-1).
Response: Work shall be completed in full within 660 consecutive calendar days. The CA-1 will be updated, refer to CONTRACTS in the changes to the specifications of this addendum.
3. For the Price Proposal, Item No. 13 – Startup / Commissioning Allowance, please clarify the intent of this allowance. Is this intended for each site location, all inclusive, or should the Contractor include additional startup / commissioning for Item No. 1 – 3. Please Clarify.
Response: Contractor should include startup/commissioning for Item No. 1-3 in price proposal one for the project. Price Proposal Item No. 13 is for unforeseen items during startup not identified in the contract documents.
4. Contract Drawing D-1402, indicates concrete support saddles, per Detail 1/S-1402. Detail 1 on S-1402 indicates that the Surge Tank Manufacturer shall provide the saddle support. This detail doesn’t appear to be shown as a concrete support saddle. Please clarify if the support saddles shall be concrete, and if so, please provide a detail. If they are to be steel and provide by Surge Tank Manufacturer, please correct call out on D-1402.
Response: Surge tank supports shall be steel and provided by manufacturer, call out will be updated. Refer to Drawing D-1402 - Surge Tank Sections and Details in the changes to the plan of this addendum.
5. SIR-11 indicates subs/suppliers must be registered with the SCTRCA to count towards SWMBE Goal and be certified as an SBE to count toward the MWBE Goal. Do non-SCTRCA HUB certified MWBE subs/suppliers count toward the GFEP?
Response: Yes. In addition to being HUB/MBE/WBE/SBE-certified, a contractor or subcontractor must also have a local business presence (office or tool yard) in order to count toward the aspirational SMWB goal.
6. May Control Panels USA, Inc. be listed in the project specifications among the other firms pre-approved to provide PCSI and ASP services for the Water Resources Integration Program (WRIP) Phase 2 Pump Station Improvements Project (Solicitation No. CO-00339-SM)?
Response: Specification 17300 - Process Controls System General Provisions will be revised in a subsequent addendum.

7. Background: Page 14 of the December 21, 2017 geotechnical report and Section 1 (“Concrete Tank Slab - Section”) in Sheet S-1502, call for perimeter footing dimensions (depth and width) that are not consistent with standard industry practice for AWWA D110, Type III prestressed concrete tanks. For example, a. Page 14 of the geotechnical report recommends that the perimeter footing “extend at least 24 inches into the select fill material.” This is also reflected in Section 1, “Concrete Tank Slab - Section” in Sheet S-1502. Given that finish grade is 6 inches below the top of the footing, this recommendation would require a 2’-6” deep footing. However, this is contrary to standard practice according to which the perimeter footing is normally 12 to 15 inches deep. b. Section 1 of Sheet S-1502 also shows a 5’-0”-wide footing at the bottom, while page 14 of the geotechnical report recommends a 3’-0” width. The latter is more consistent with standard practice according to which the typical footing width (especially for competent subgrade as is the case at this tank site) is 3’-0” to 4’-0”. Question: Considering that the tank manufacturer is fully responsible for the tank foundation design, please confirm that the geometry and design of the perimeter footing is the responsibility of the tank manufacturer provided that said geometry and design fully meet the requirements of AWWA D110-13 and the provisions of the tank specifications.
Response: The tank manufacturer is fully responsible for the tank foundation design. The footing embedment shall be a minimum of 18” thick with 12” minimum into select fill material, and a minimum of 3’ width. Refer to Drawing S-1502 in the changes to drawings of this addendum.
8. Please confirm that the allowable soil bearing pressure is 4,000 psf as recommended in the geotechnical report and specified in the tank specs; and that therefore, Foundations Note 1 in Sheet S-1001 (“The allowable soil bearing pressure for shallow spread footings is 2,000 pounds per square foot”) does not apply to the tank footing design.
Response: The allowable soil bearing pressure for the Ground Storage Tank is 4,000 psf, the allowable soil bearing pressure for all other foundations is 2,000 psf.
9. Would owner consider providing a “Required Document Matrix” for this project? (similar to the attached which was provided with the bidding documents for a previous project- We found this to be very helpful at that time).
Response: Respondent’s Proposal Checklist is available within the Solicitation.
10. Article V of the Supplemental Conditions indicates that Installation Floater Insurance is required for this project which, “insures SAWS and the City for damages to all Property Purchased for, or Assigned to, the Project commencing on the start date through completion. Policy limits shall be in an amount equal to the total contract cost contracted herewith. The policy form shall be an All Risk form and shall include coverage for both during transit and while stored at the work site”. To avoid duplicate coverage, is the installation floater still required if our Builder’s Risk policy provides far superior coverage than the floater? On an installation floater the coverage ends once the materials become part of the structure/project as opposed to a Builders Risk which covers everything associated with the project (except the existing structure) until the project/job is completed. Our insurance provider is concerned that if we have both policies in place on the same project, they could void each other out whereas just having a Builders risk to cover the whole thing is much cleaner in a claims scenario with just one set of deductibles.
Response: No, an installation floater is not required if the Builder Risk Policy is in place for the property.
11. Please confirm surety can use their own bid bond form since one was not provided in the contract documents.
Response: Surety company can use their own bid bond form.
12. Please confirm there is no maintenance bond required for this project.
Response: Maintenance bond not required for this project.
13. Can you provide a pipe schedule for this project? What Pipe is required for the 2” CA, & 6” DR? (Ref Plan Page 13)
Response: Piping for 2” CA is stainless steel and 6” DR is PVC pipe, schedule 40 type.
14. Ref Spec 15103 2.01 E. Flanges shall conform to ANSI/ASME B16.1, Class 125. The Valve schedule is calling out several areas with Pressure Class 300 Flanges. Does this specification need to be updated to include the 300 PSI rating?
Response: Flanges shall be rated for 300 psi, refer to specification 15102 - AWWA Ball Valves in Changes to the Specifications of this addendum.
15. Ref Plan Page 60. Can you provide a specification for the Duckbill check Valve?
Response: The duckbill check valve detail requirement is listed in technical specification 13207, Section 2.06B.

16. Ref Plan Page 16. Can you provide a detail / specification for the Casing Spacers/End Seals that will go on the pipe in the existing casing?
Response: Requirements for the casing spacers/end seals that will go on the pipe in the existing casing have been provided, refer to Specification 02220 – Excavating, Backfill and Compaction for Utilities in the changes to the specifications section of this addendum.
17. Ref Plan Page 15 and spec section 15065 2.01 A. Pipe B is called out as 300 PSIG in the specification. The Profile on page 15 is calling the line from Sta 13+40 to 14+80 as Class 150. Please verify which is correct.
Response: Pipe B has a 300 psig working pressure, refer to drawing C-1110 – Yard Piping Profiles 1 in the changes to the drawings section of this addendum.
18. Ref Detail 1/Page 14 & Detail B/Page 26. This ductile iron pipe is called out as needing to be rated for 300 PSI. Would Flg C110 150# drilling fittings with Tourseal Gaskets be acceptable to meet this requirement? Or will you require 250# Flange Drilling Fittings? 4”-24” Toruseal Gaskets are rated to 350 PSI.
Response: Provide AWWA C110 flanges with special gaskets as specified in AWWA C111 to provide for a 350 psi rated flanged joint.
19. Ref Plan Page 63. Trench Drain. Do you have a specification for the trench drain?
Response: Trench drain manufacturer information is located on Detail 1 Sheet D-1903.
20. Respondents Proposal Checklist, under sealed envelope 2 indicates that it must include, “One USB flash drive of Original Proposal Packet **Including Price Proposal**”, however item F.9 (SIR-13) indicates that, “The CD or thumb drive shall contain the entire proposal package as submitted, **excluding the ... Price Proposal**”. Please confirm priced proposal does not need to be included on USB.
Response: Price Proposal does not need to be included on the USB.
21. Can the Good Faith Effort Plan be made available in Microsoft Word format for this project? (If Michele wants- we used a word version last time since we had almost 100 subs/suppliers listed on it at time of bid)
Response: Yes, the Good Faith Effort Plan will be made available in Word Format.
22. On sheet D-1402 it shows the tank supports to be concrete, and to refer to S-1402. The support on S-1402 isn't a concrete pipe supports and states the tank manufacturer will provide the supports. Please advise.
Response: Surge tank supports shall be steel and provided by manufacturer, call out will be updated. Refer to Drawing D-1402 - Surge Tank Sections and Details in the changes to the plan of this addendum.
23. With regards to Evaluation Criteria Form, page EV-1, it states, “While there are page limits for this solicitation, there are no character limitations”. Please clarify page limitations for each section and what is meant by character limitations (for instance is this in regard to font size)?
Response: There are no page limits for the Evaluation Forms. Respondents are required to provide the requested information using the fillable forms available on the SAWS website. There is not character limit for each of the responses inside the forms.
24. In the Evaluation Criteria Form, page EV-18, Proposers are required to provide a list of all current and completed pump station improvement, rehabilitation and new construction projects performed in the last 5 years in Texas. However, only 5 project spaces are provided. In order to provide our complete experience on Pump Stations from the last 5 years as requested, can Bidder’s submit a structured list of all these projects in Excel format as long as every required item of information is present, In lieu of the tables 1-5 provided?
Response: For consistency purposes, Respondents must use tables provided as part of this solicitation. They can copied as necessary.
25. Please confirm Rigger Liability Insurance is required on this project and the liability limit required.
Response: Yes, Rigger Liability Insurance is required.
26. Please confirm piping material for the 2” CA.
Response: Piping material for 2” CA is stainless steel.

27. Please confirm piping material for the 6" DR.

Response: Piping material for 6" DR is PVC pipe, schedule 40 type.

CHANGES TO THE SPECIFICATIONS

CONTRACT

1. Page CA-1; REPLACE "661 calendar days" with "660 calendar days"

SPECIAL CONDITIONS

1. Page SC-1; Third paragraph, first bullet; DELETE "see Drawing D-101" and REPLACE with "see Drawing D-1101"
2. Page SC-1; Third paragraph, second bullet; DELETE "see Drawing C-108" and REPLACE with "see Drawing C-1108"
3. Page SC-1; Third paragraph, third bullet; DELETE "see Drawing C-108" and REPLACE with "see Drawing C-1108"

Specification 02220 – Excavating, Backfill and Compaction for Utilities

1. ADD the following:

"2.02 END SEAL/CASING SPACERS FOR PIPE INSTALLED IN CASING

A. End Seals:

1. Sized to securely attach to the exterior of casing and carrier pipe to prevent water, dirt and debris from entering the annular space between the installed pipe and the casing.
2. The end seal shall be pull-on or wrap-around. No concrete, grout or bricks will be acceptable.
3. Clamp end seal to carrier pipe and to casing pipe with ½-inch minimum width 304 stainless steel worm type screw clamps.
4. Material: minimum 1/8-inch thick EPDM rubber.
5. Seam: minimum 2-inch overlap with a self-curing adhesive to seal or mastic tape seal.

B. Casing Spacers: Sized to securely fasten on to the carrier pipe barrel O.D. Furnish with a runner height to maintain a minimum clearance of one inch between the carrier pipe and casing pipe.

1. Band: 8-inch minimum width, 14-gauge 304 stainless steel.
2. Liner: PVC, minimum 0.090-inch thick.
3. Risers: 10-gauge 304 stainless steel.
4. Runners: 2-inch wide polyester or Ultra-High Molecular Weight Polyethylene (UHMW-PE).
5. Hardware (nuts, washers, bolts, etc.): 304 stainless steel."

Specification 11110 – Horizontal Split-Case Centrifugal Pump

1. Section 2.01.A; ADD "6. No Substitutions"
2. Section 2.02.F; DELETE "Pump shall be manufactured by Fairbanks-Nijhuis by Pentair, or Engineer-approved equal."

Specification 15103 – AWWA Ball Valves

1. Section 2.01.E; DELETE "Class 125 " and REPLACE with "Class 300"

CHANGES TO THE PLANS

Drawing C-1110 – Yard Piping Profiles I

1. Pipe B Profile; REPLACE callout "Construct 48" WSP, Class 150" with "Construct 48" WSP, Class 300"

Drawing D-1402 – Surge Tank Sections and Details

1. REPLACE callout "Concrete support saddles (TYP)" with "Steel surge tank supports to be provided by manufacturer"

Drawing S-1002 – Structural General Notes and Abbreviations

1. REMOVE and REPLACE in its entirety.

Drawing S-1401 – Surge Tank Foundation Plan

1. REMOVE and REPLACE in its entirety.

Drawing S-1502 – Ground Storage Tank Slab Sections and Details

1. REMOVE and REPLACE in its entirety.

Drawing E-1104 – Ductbank Sections

1. REMOVE and REPLACE in its entirety.

Drawing E-1105 – Overall Site Lighting Plan

1. REMOVE and REPLACE in its entirety.

Drawing I-1101 – Facility Network Diagram

1. REMOVE and REPLACE in its entirety.

CLARIFICATIONS

1. None

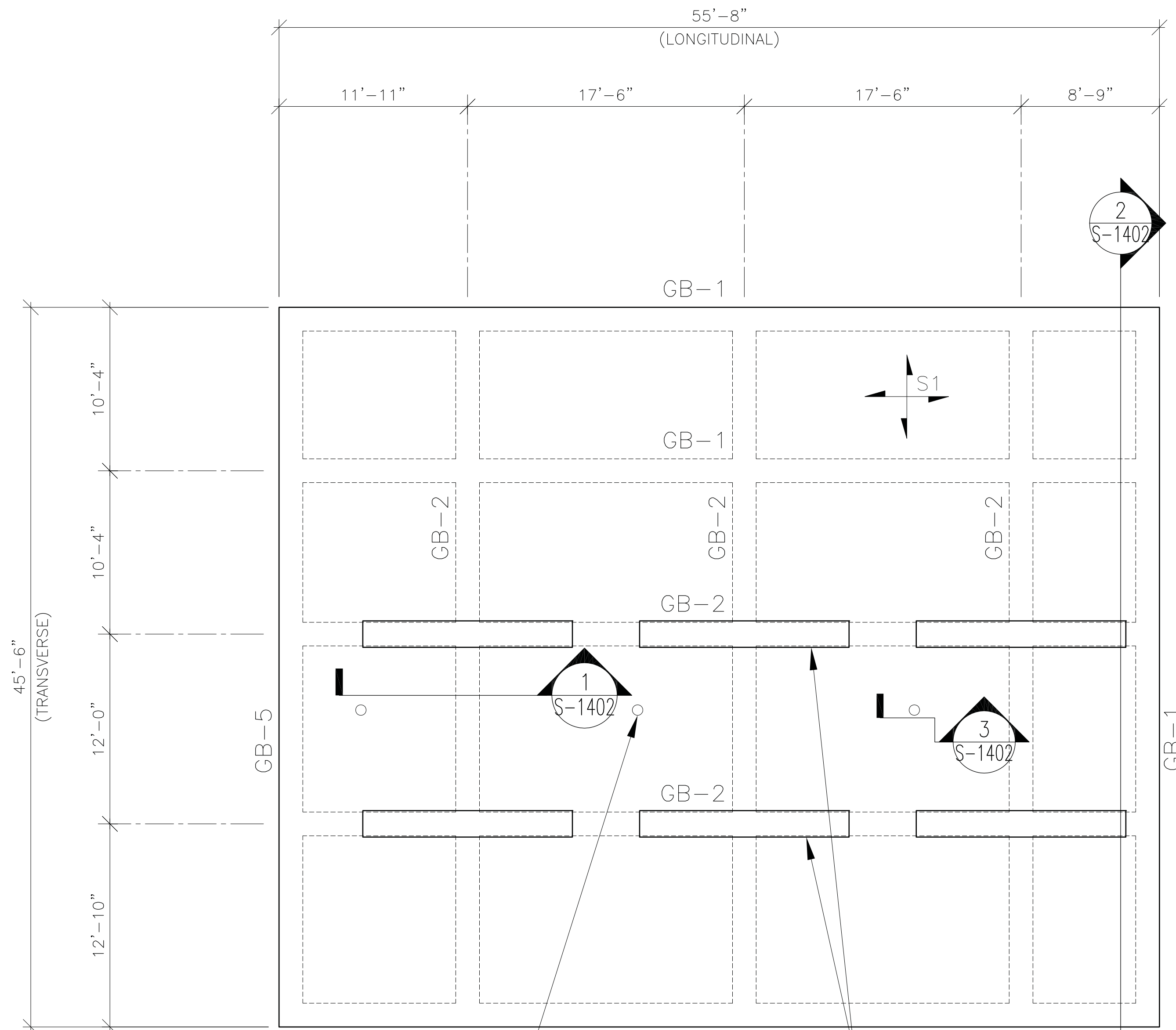
END OF ADDENDUM

This Addendum, including these five (5) pages, is eleven (11) pages with attachments in its entirety. Attachments.



Don Burger, P.E.
Tetra Tech

6/16/2020 12:31:16 PM - S:\COMMERCIAL\18-049C (17-076C) SAWS - OLD PEARSALL AND ANDERSON PUMP ST\CAD\20-028C - PEARSALL.DWG - ANNA G SALAZAR
June 16, 2020



COORDINATE LOCATION OF BELL UP WITH PROCESS DRAWINGS AND LOCATION OF SLAB REINFORCEMENT. SHOULD MAINTAIN MIN. OF 2" CLEARANCE BETWEEN BELL AND REINFORCEMENT. (TYP.)

LOCATION OF STEEL SUPPORTS (TYPICAL)

1 SURGE TANK SLAB
SCALE: 3/16" = 1'-0"

- LEGEND:**
- 8" CONCRETE SLAB REINFORCING WITH #6 MID DEPTH BARS AT 10" O.C. TRANSVERSE AND LONGITUDINAL.
 - GB-## INDICATES CONCRETE GRADE BEAM. SEE 10N SHEET S-1902 FOR REINFORCING.

- NOTES:**
1. REFER TO THE CIVIL DRAWINGS FOR SLAB LOCATION, ELEVATIONS SLOPES, AND FOUNDATION SOIL PREPARATION.
 2. REFER TO THE PROCESS, CIVIL, ELECTRICAL AND OTHER DRAWINGS FOR PENETRATIONS EMBEDDED ITEMS, ETC..
 3. SPECIAL INSPECTIONS ARE REQUIRED FOR THE TANK FOUNDATION CONSTRUCTION, SEE SHEET S-1002 FOR A LIST OF SPECIAL INSPECTIONS.

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SEA STRUCTURAL ENGINEERING ASSOCIATES, INC.
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San Antonio, TX 78205
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SAN ANTONIO WATER SYSTEM
SAWS

MARK	DATE	DESCRIPTION	BY
△	6/16/20	ADDENDUM NO. 1	

SAN ANTONIO WATER SYSTEM
WRIP PHASE 2 PS IMPROVEMENTS
PROJECT: OLD PEARSALL ROAD PS
SURGE TANK FOUNDATION PLAN

Project No.: 200-09308-17002
Designed By: EHL
Drawn By: AGS
Checked By: SAM

6-16-20

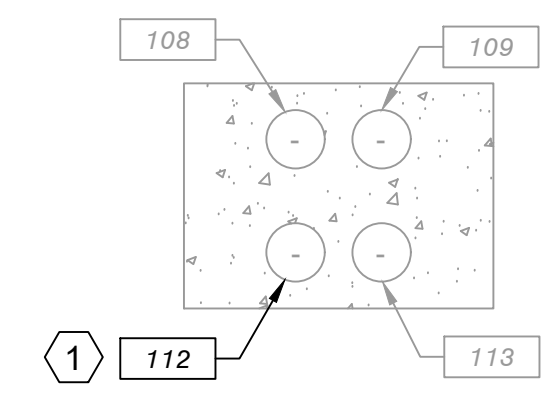
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S-1401

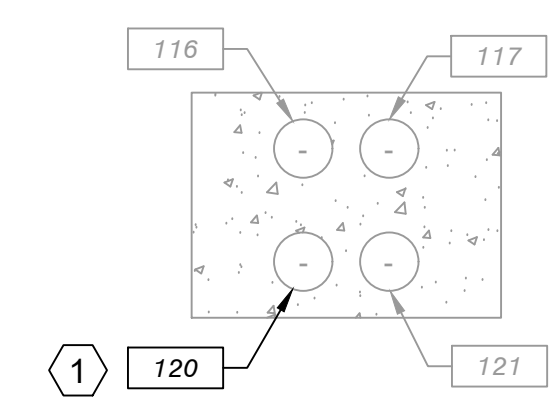
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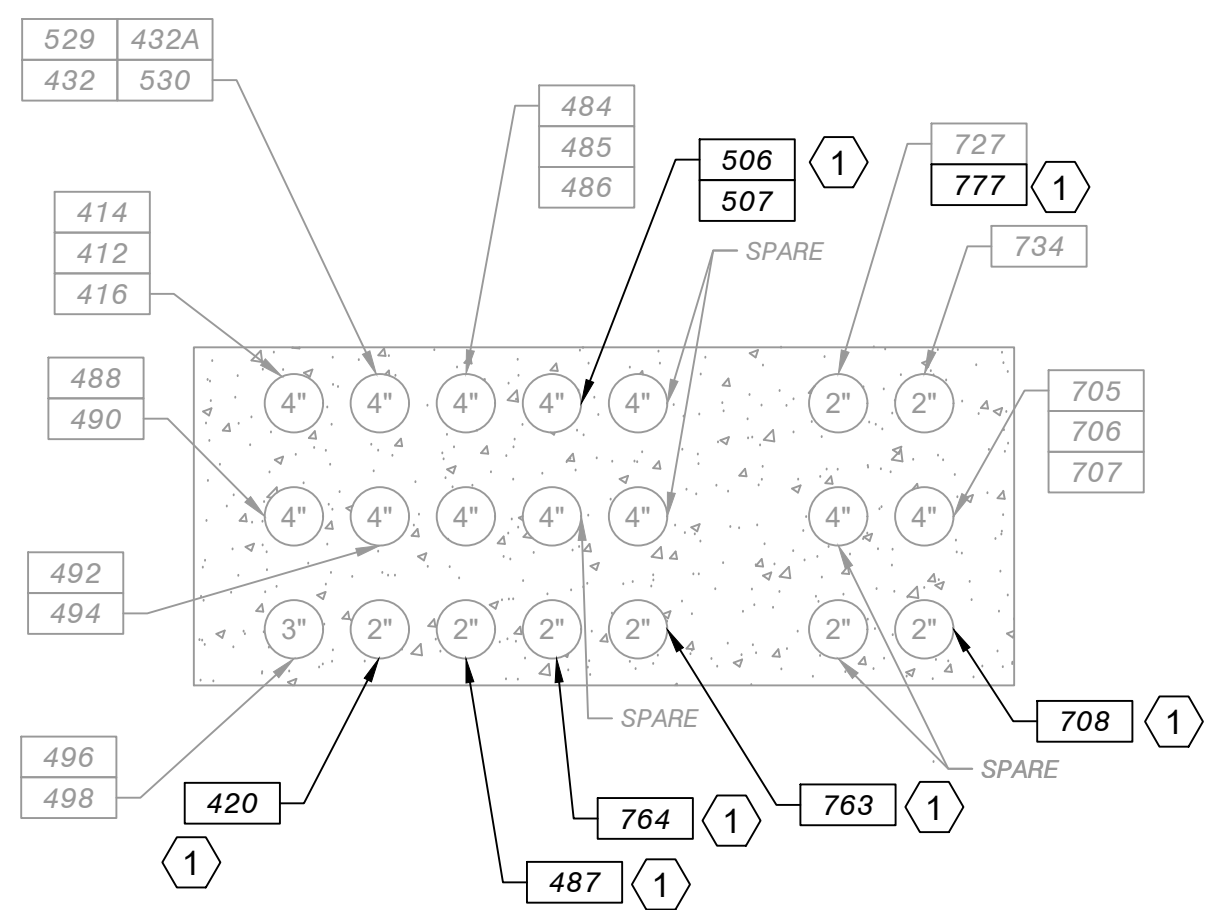
- NOTES:
- INSTALL NEW CABLE IN EXISTING DUCTBANK.
 - CONDUIT RUNS ROUTED WITH (2) OR MORE SETS OF MULTICONDUCTOR TRAY RATED CABLES ARE TO BE SIZED PER MINIMUM NFPA-70 REQUIREMENTS.
 - THE PLACEMENT AND ORIENTATION OF EXISTING SPARE CONDUITS SHALL BE FIELD VERIFIED.



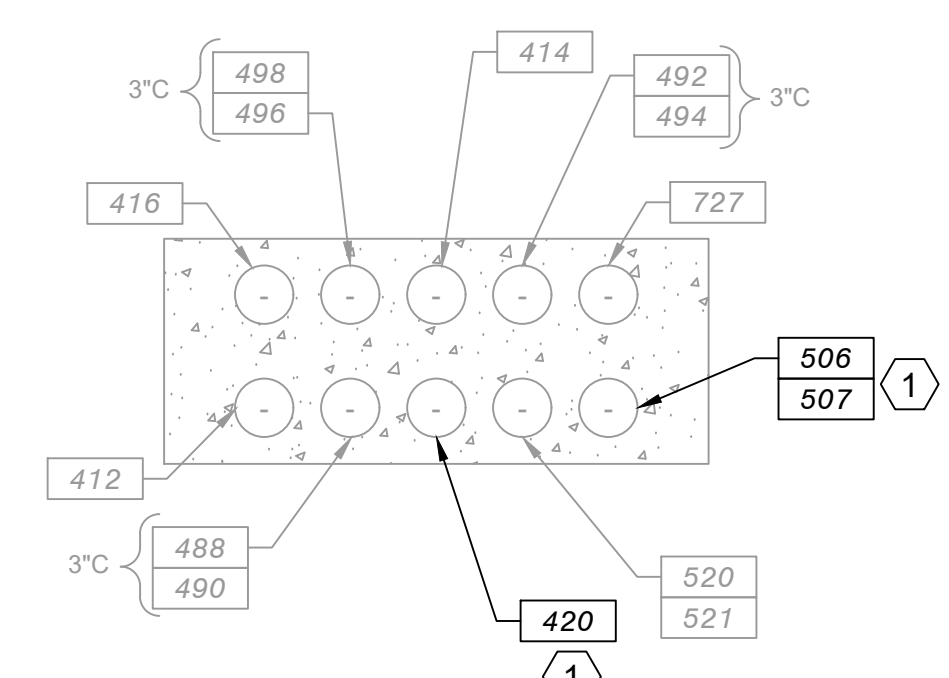
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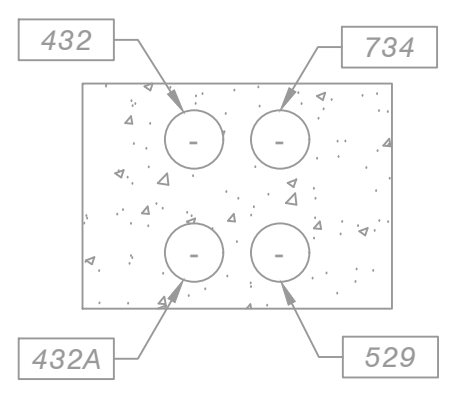
2 DUCTBANK SECTION
E-1102



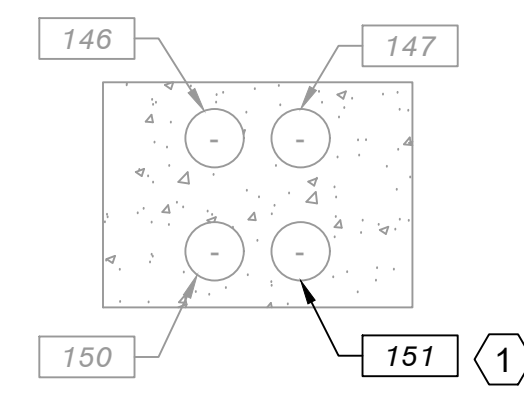
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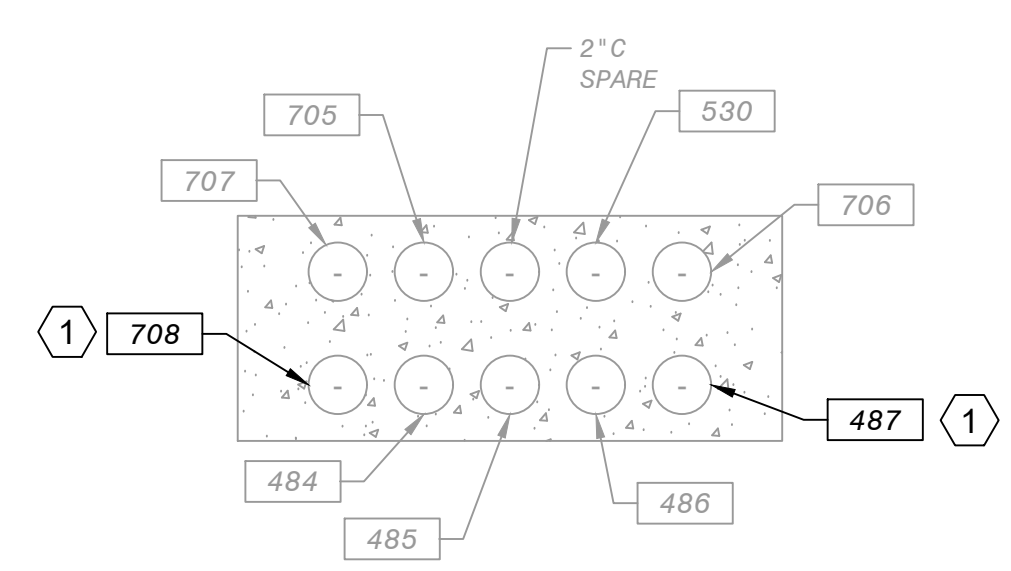
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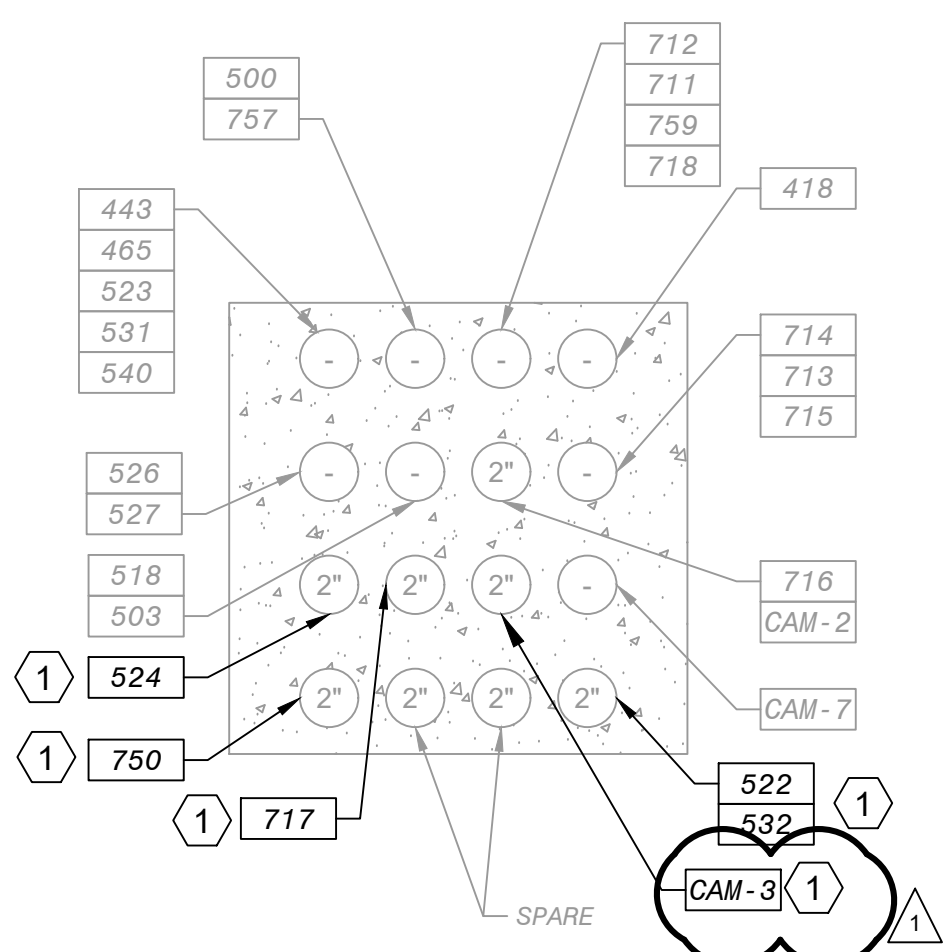
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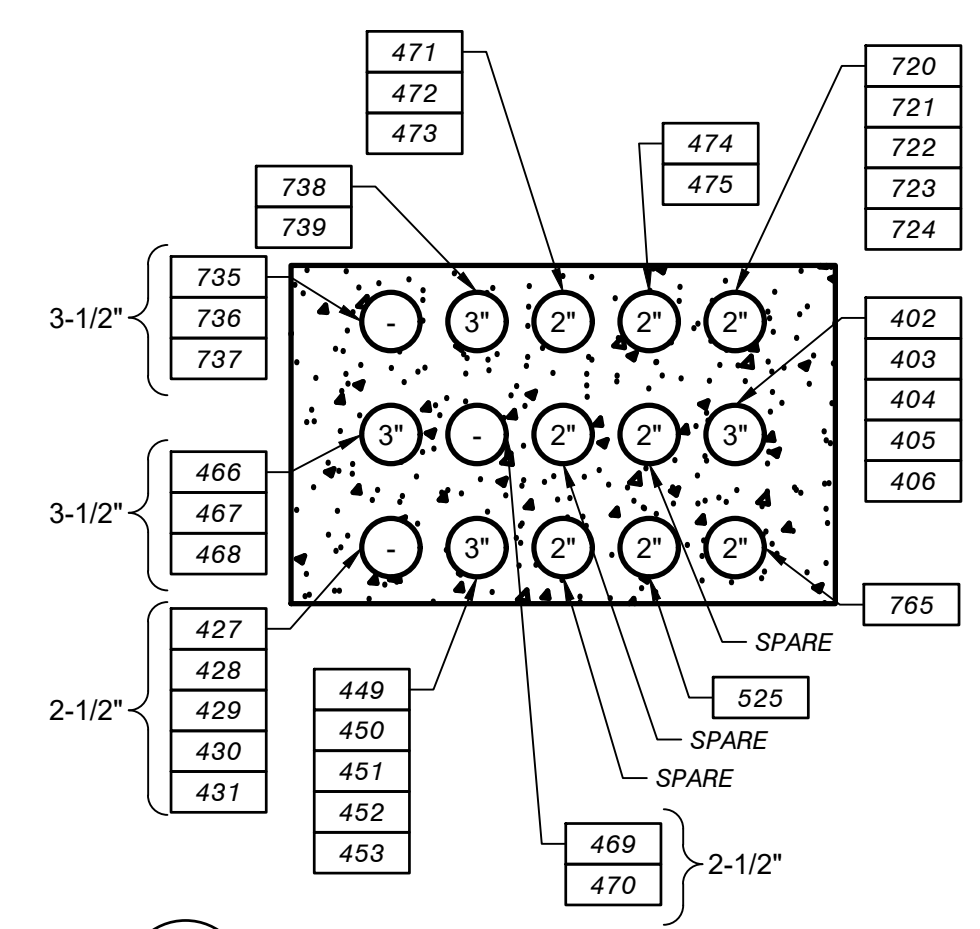
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E-1102



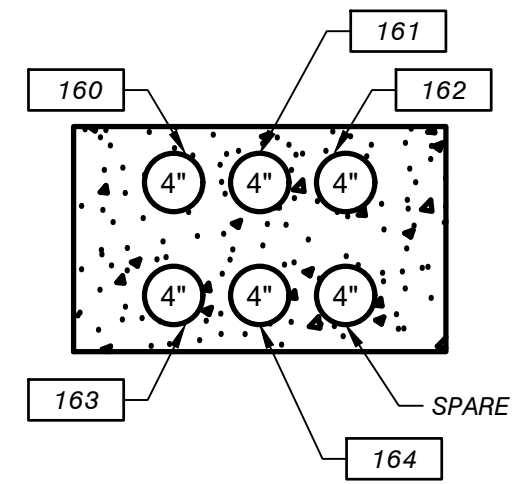
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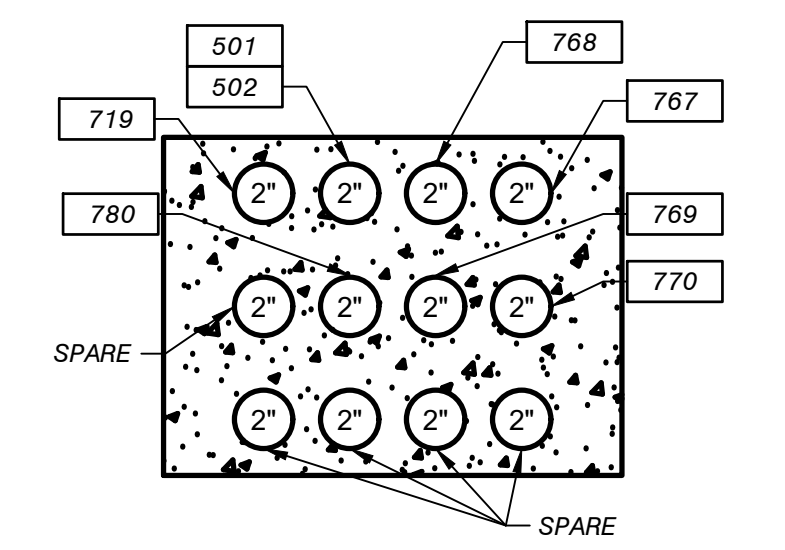
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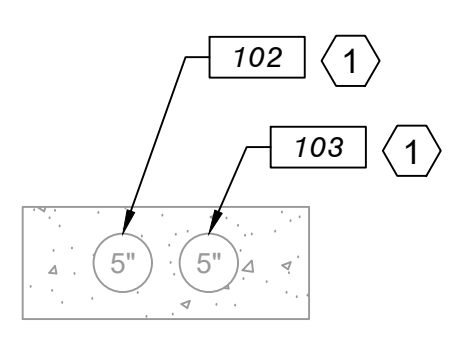
9 DUCTBANK SECTION
E-1103



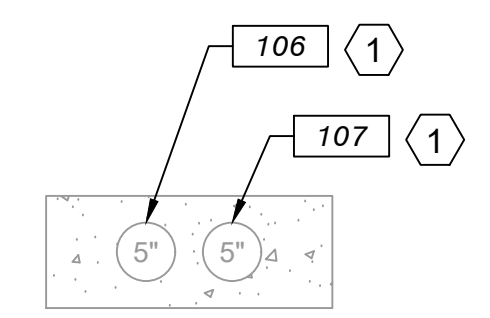
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E-1103



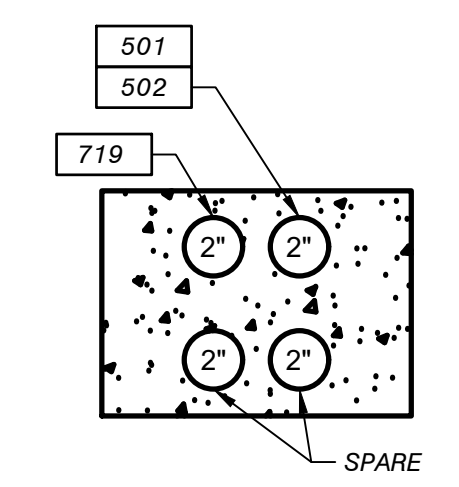
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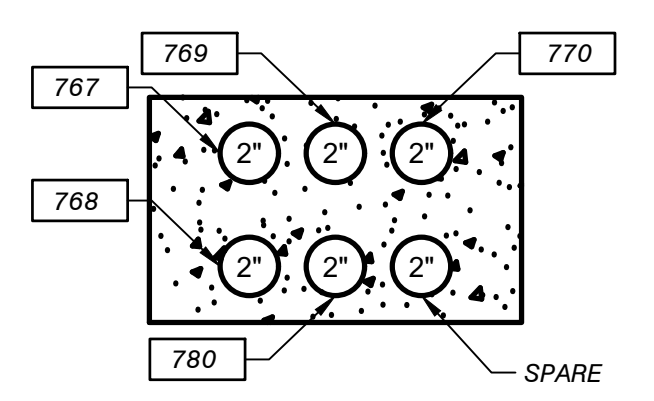
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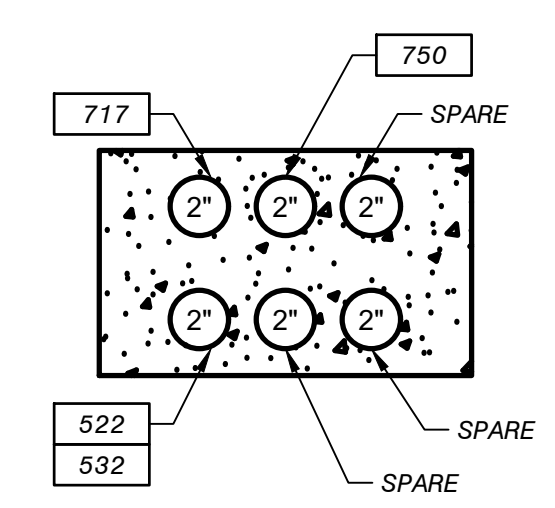
13 DUCTBANK SECTION
E-1102



14 DUCTBANK SECTION
E-1103



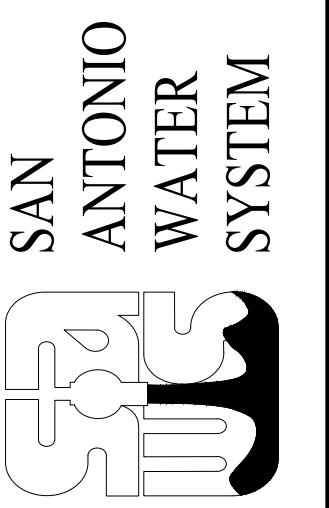
15 DUCTBANK SECTION
E-1103



16 DUCTBANK SECTION
E-1103



GAI
Gupta & Associates, Inc.
CONSULTING ENGINEERING
Registration No. E-2593
13717 Neuron Road
Dallas, Texas 75244
Fax: 972-486-7125
email: kgai@consulting.com

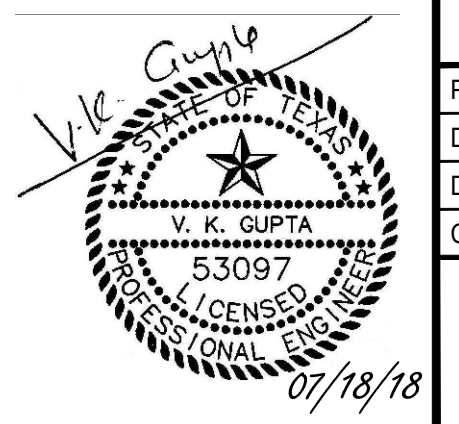


MARK	DATE	DESCRIPTION	BY	ADDENDUM NO. 1
				DG

SAN ANTONIO WATER SYSTEM
WRIP PHASE 2 PS IMPROVEMENTS
PROJECT: OLD PEARSA ROAD PS
DUCTBANK SECTIONS

Project No.: 18-8604
Designed By: DG
Drawn By: JH
Checked By: VKG

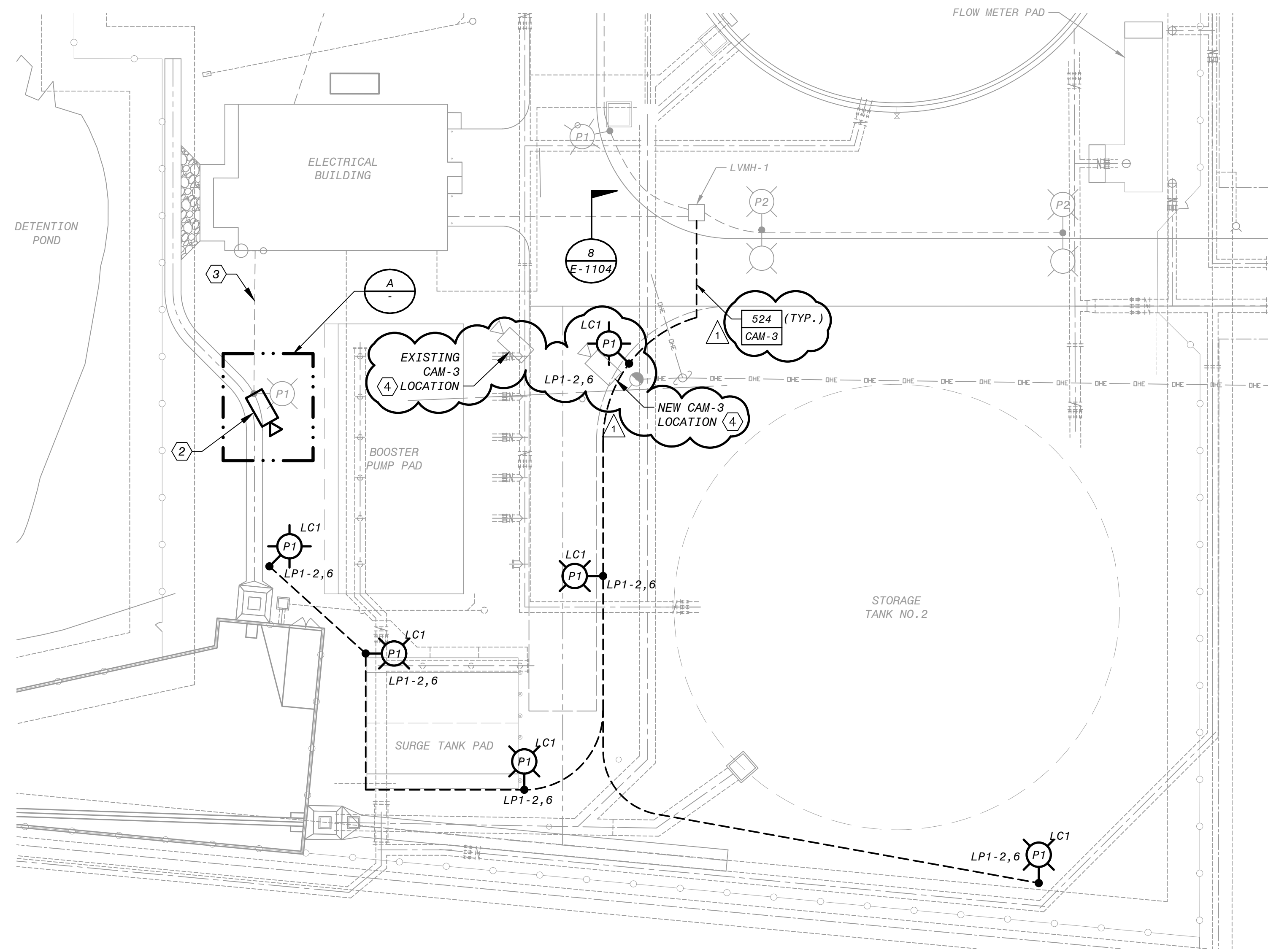
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Bar Measures 1 inch

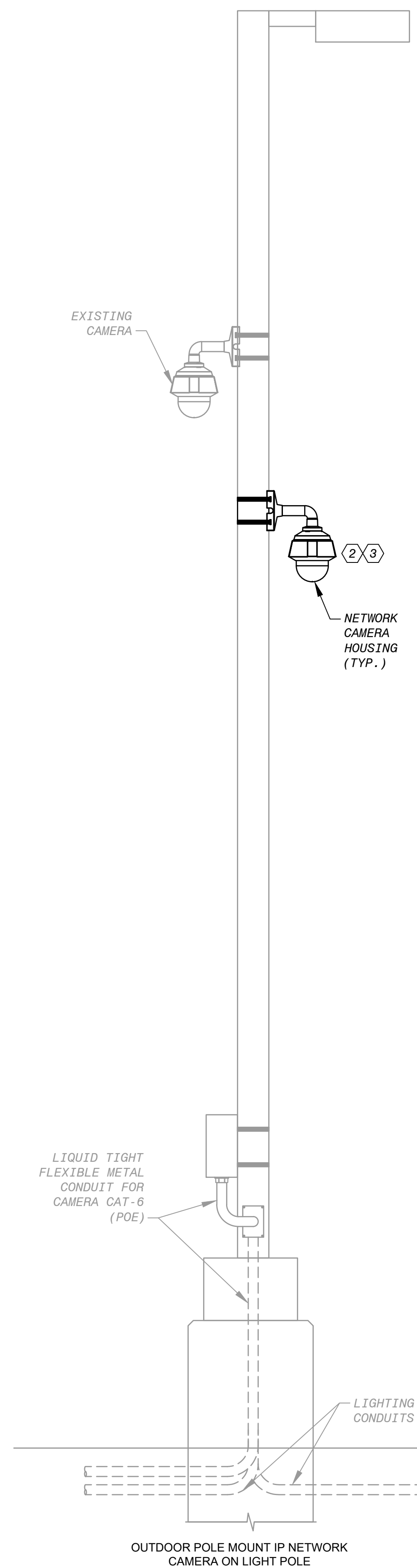
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1 OLD PEARSALL ROAD
OVERALL LIGHTING PLAN
SCALE: 1"=30'

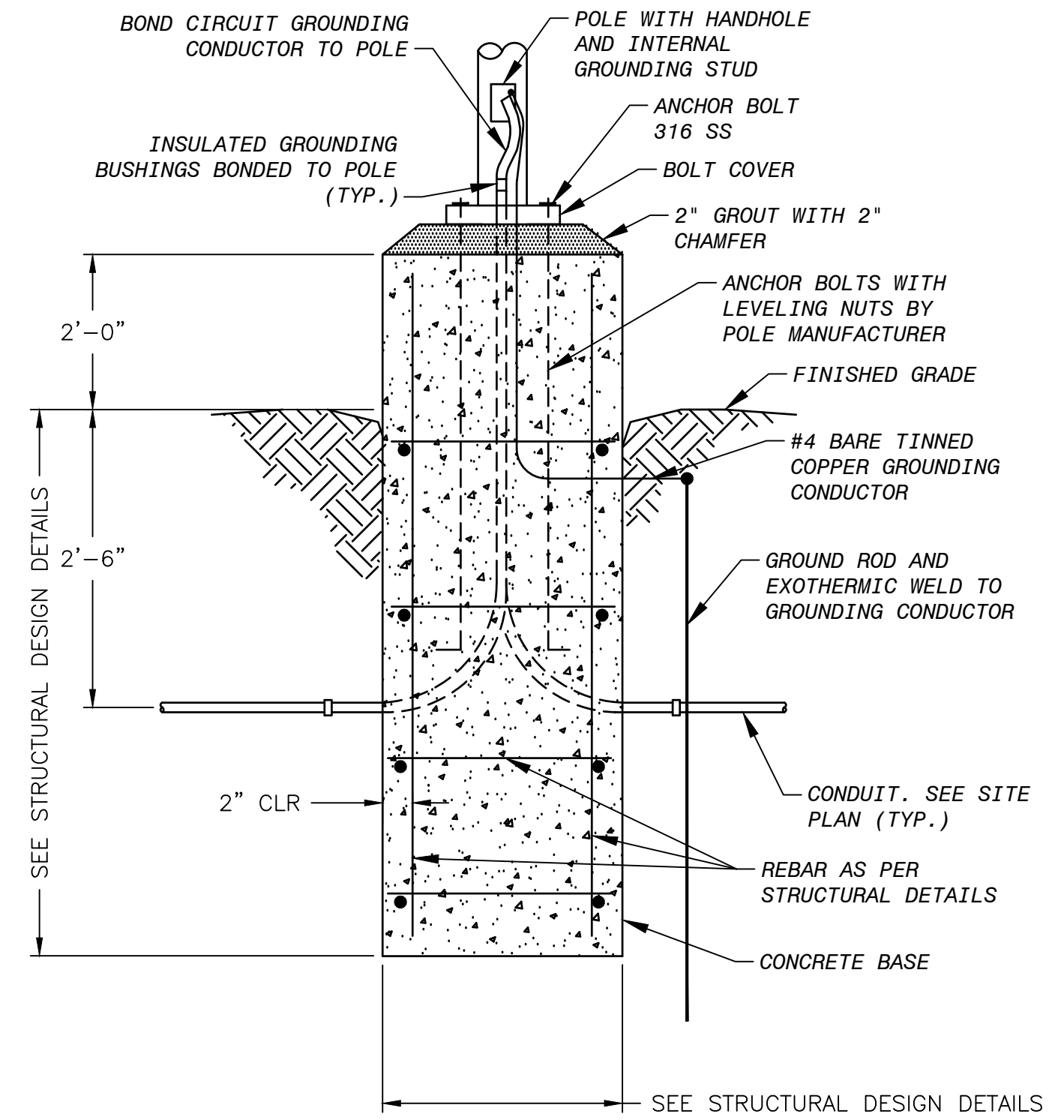
LIGHTING FIXTURE SCHEDULE			
TYPE	DESCRIPTION	MANUFACTURER	NOTES
P1	POLE MOUNTED LED LUMINAIRE WITH 30 LEDS. THE HOUSING IS MADE WITH SINGLE PIECE OF DIE CAST ALUMINUM WITH INTEGRAL HEAT SINK FINS. IT INCLUDES AN ELECTRONIC DRIVER AND ACRYLIC LENSES. THE LUMINAIRE IS MOUNTED WITH A MOUNTING BLOCK AND AN INTEGRAL ARM FASTENED TO THE 25FT ALUMINUM ROUND TAPERED POLE. PROVIDE A VIBRATION DAMPER AT THE BASE OF THE POLE.	LITHONIA FIXTURE: DSX1-LED-P7-40KT2M MVOLT, RPA DDBXD POLE: RTA-25-7E-DM19ASFBC-VD-DDB	LEDS INCLUDED

- NOTES:**
- REFER TO SHEET E-1302 FOR LIGHTING CONTACTOR.
 - INSTALL NEW CAMERA ON EXISTING LIGHT POLE WITH EXISTING CAMERA.
 - PULL OUT EXISTING CAT-6 CABLE AND PULL IN TWO NEW CAT-6 CABLES IN EXISTING CONDUIT, ONE CABLE FOR THE EXISTING CAMERA AND ONE CABLE FOR THE NEW CAMERA. TERMINATE TO THE NETWORK SWITCH IN ELECTRICAL BUILDING.
 - RELOCATE EXISTING CAMERA 3 FROM EXISTING LOCATION TO THE NEW LOCATION AS SHOWN ON THE NEW LIGHT POLE. RUN NEW CAT-6 CABLE TO THE CAMERA.



A OUTDOOR POLE MOUNT IP NETWORK
CAMERA ON LIGHT POLE
SCALE: 1"=30'

- NOTES ON DETAIL-A:**
- DETAIL INDICATES THE BASIC MATERIALS AND METHODS FOR ASSEMBLY AND ARRANGEMENTS AND MAY NOT INDICATE THE ACTUAL FIELD CONDITIONS OR MATERIAL REQUIREMENTS.
 - CAMERA HEIGHT SHALL BE COORDINATED IN THE FIELD TO PROVIDE AN ACCEPTABLE VIEW RANGE AND FOCAL POINT IN ACCORDANCE TO THE CAMERA LOCATION PLAN AND OWNER.
 - INSTALL AXIS CAMERA MODEL NUMBER P3364-LVE TO MATCH EXISTING OR CURRENT VERSION. INCLUDE ALL REQUIRED ACCESSORIES AND HARDWARE.



B LIGHTING STANDARD BASE
DETAIL
SCALE: 1"=30'

- NOTES ON DETAIL-B:**
- ALL POLES BASE DIMENSIONS SHOWN ARE APPROXIMATE ONLY. REFER TO STRUCTURAL DESIGN DETAILS.



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email: kg@gaiconsulting.com

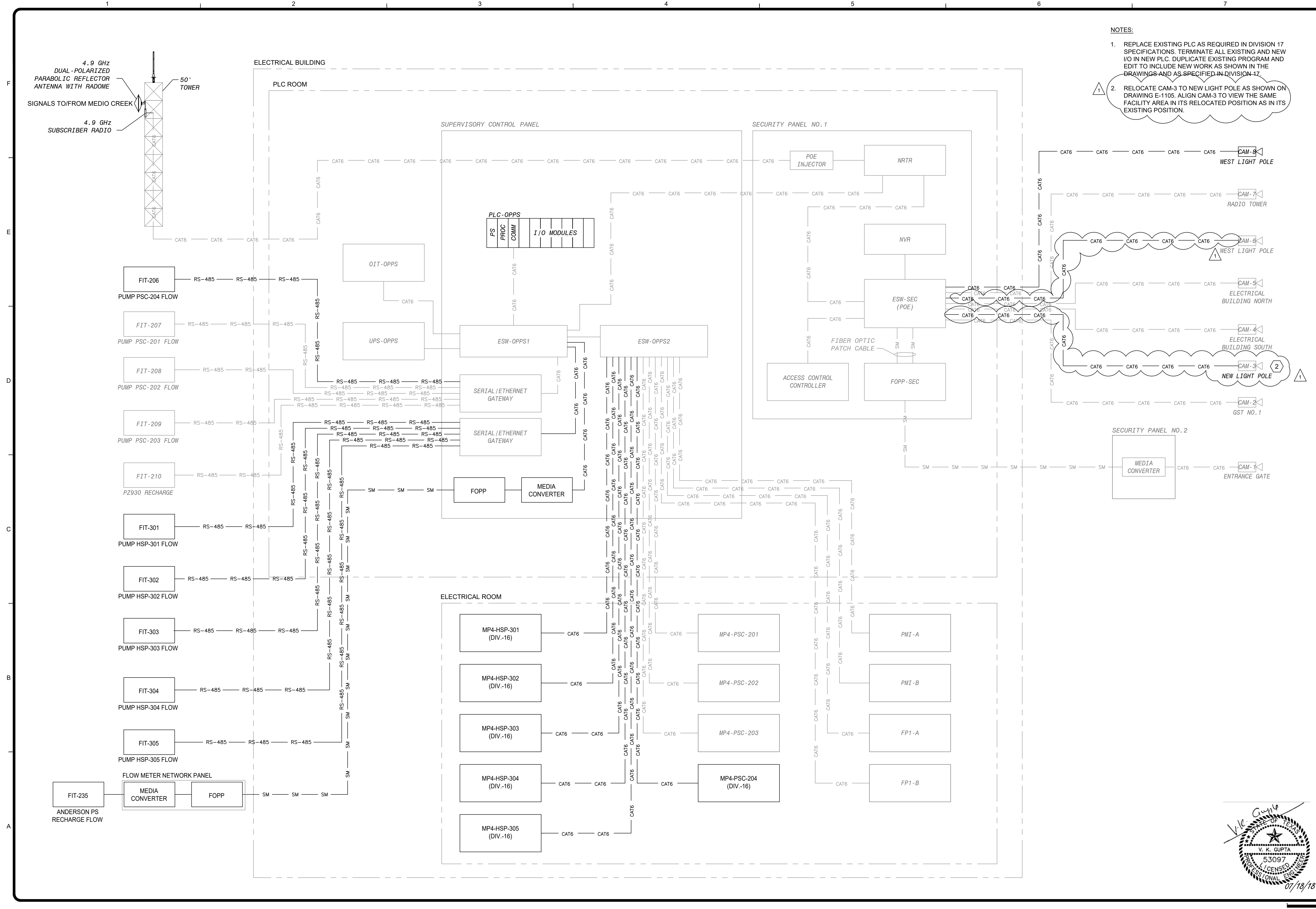
SAN ANTONIO WATER SYSTEM

MARK	DATE	DESCRIPTION	BY
			DG

SAN ANTONIO WATER SYSTEM
WRIP PHASE 2 PS IMPROVEMENTS
PROJECT: OLD PEARSALL ROAD PS
OVERALL SITE LIGHTING PLAN

Project No.:	18-8604
Designed By:	DG
Drawn By:	JH
Checked By:	VKG

E-1105



- NOTES:**
- REPLACE EXISTING PLC AS REQUIRED IN DIVISION 17 SPECIFICATIONS. TERMINATE ALL EXISTING AND NEW I/O IN NEW PLC. DUPLICATE EXISTING PROGRAM AND EDIT TO INCLUDE NEW WORK AS SHOWN IN THE DRAWINGS AND AS SPECIFIED IN DIVISION 17.
 - RELOCATE CAM-3 TO NEW LIGHT POLE AS SHOWN ON DRAWING E-1105. ALIGN CAM-3 TO VIEW THE SAME FACILITY AREA IN ITS RELOCATED POSITION AS IN ITS EXISTING POSITION.

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SAN ANTONIO WATER SYSTEM

MARK	DATE	DESCRIPTION	BY	WN
▲	06/01/20	ADDENDUM NO. 1		

SAN ANTONIO WATER SYSTEM
WRIP PHASE 2 PS IMPROVEMENTS
PROJECT: OLD PEARSALL ROAD PS

FACILITY NETWORK
DIAGRAM

Project No.: 18-8604
Designed By: WCN
Drawn By: JH
Checked By: VKG

Project No.: 18-8604
Designed By: WCN
Drawn By: JH
Checked By: VKG

I-1101

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Bar Measures 1 inch