



**West Side Operations Center Supply Building Drainage Improvements**  
**Solicitation Number: CO-00729**  
**Job No.: 22-0152**

**ADDENDUM 2**  
**April 10, 2024**

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.

<b>RESPONSES TO QUESTIONS</b>
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- 1. Question:** Is temp field office necessary?

*Response: The provision of a field office is not required. Specification Section 01 52 13 CONTRACTOR'S FIELD OFFICE AND SHEDS shall be removed in its entirety. See "Changes to the Specifications" section below.*

- 2. Question:** TxDot bollard spec requires 10" diameter bollard. Plans call for 8" diameter bollard. Please clarify.

*Response: The 8-inch diameter bollards as called out in the plans shall be used on the project. See the "Changes to the Specifications" section below.*

- 3. Question:** Please verify proposed pavement marking 4" white quantity. Also, existing marking is yellow.

*Response: There are no 4-inch white pavement marking quantities on the plans. See the "Changes to the Plans" section below.*

- 4. Question:** Spec page 208/216 calls for 8" biodeg erodin cont logs, detail on plan page C20 calls for 12". Please clarify.

*Response: Use 12" biodegradable erosion control logs. See the "Changes to the Specifications" section below.*

- 5. Question:** Are there any proposed bollards on this project?

*Response: Yes, refer to Sheet C6 and Sheet C14 in the plans.*

- 6. Question:** Scale on plan page C19 is incorrect. Should be 1" to 20'.

*Response: Yes, scale on Sheet C19 should be 1"= 20'. See "Changes to the Plans" section below.*

- 7. Question:** Are there any downspout relocations on the project?

*Response: Yes, refer to Sheet C6 and Sheet C16 in the plans.*

- 8. Question:** Who is performing the downspout relocations?

*Response: The contractor awarded the contract under this solicitation will be responsible for performing the relocation of the downspout and the downspout modifications.*

**CHANGES TO THE SPECIFICATIONS**

1. BUILDING WAGE DECISION, Due to updates in the General Wage Decisions for Building Construction Type, remove the wage decision documents from the solicitation in its entirety and replace with the revised versions attached to this addendum (rev. 04/05/2024 for General Decision Number TX20240231). This version should be utilized by the awarded contractor for this project.

2. Section 01 52 13 CONTRACTOR'S FIELD OFFICE AND SHEDS

**Delete** Section 01 52 13 CONTRACTOR'S FIELD OFFICE AND SHEDS in its entirety.

3. Section 31 25 00 EROSION AND SEDIMENTATION CONTROLS

Paragraph 1.1.C.6. **Delete** ITEM 506-6040-BIODEG EROSN CONT LOGS (IN STL)(8") and **replace** with ITEM 506-6041-BIODEG EROSN CONT LOGS (IN STL)(12").

**Delete** Section 31 25 00 EROSION AND SEDIMENTATION CONTROLS in its entirety and **replace** with 31 25 00 EROSION AND SEDIMENTATION CONTROLS attached.

4. Section 32 39 13 PIPE BOLLARDS

**Delete** Section 32 39 13 PIPE BOLLARDS in its entirety and **replace** with 32 39 13 PIPE BOLLARDS attached.

**CHANGES TO THE PLANS**

1. **Remove** the following sheets dated 3/15/2024 and **replace** with the attached sheets dated 4/9/2024.

- Sheet C6 – Proposed Enlarged Plan
- Sheet C19 – Storm Water Management Plan

**END OF ADDENDUM**

This Addendum, including these two (2) pages, is thirteen (13) pages with attachments in its entirety.

- Attachments:
1. Building Wage Decision TX20240231 – rev. 04/05/2024 (7 pages)
  2. Section 31 25 00 - Erosion and Sedimentation Controls (1)
  3. Section 32 39 13 - Pipe Bollards (1)
  4. Sheet C6 - Proposed Enlarged Plan (1)
  5. Sheet C19 - Stormwater Management Plan (1)



Martin Palacios, P.E.  
Garcia Infrastructure Consultants, LLC



4/10/2024

"General Decision Number: TX20240231 04/05/2024

Superseded General Decision Number: TX20230231

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024

2 04/05/2024

ASBE0087-014 06/04/2023

Rates Fringes

ASBESTOS WORKER/HEAT & FROST  
INSULATOR (Duct, Pipe and  
Mechanical System Insulation)....\$ 28.95 8.39

BOIL0074-003 07/01/2023

Rates Fringes

BOILERMAKER.....\$ 37.00 24.64

\* ELEC0060-003 01/01/2024

Rates Fringes

ELECTRICIAN (Communication  
Technician Only).....\$ 33.50 18%+5.45

\* ELEC0060-004 01/01/2024

Rates Fringes

ELECTRICIAN (Excludes Low  
Voltage Wiring).....\$ 33.50 18%+5.45

ELEV0081-001 01/01/2023

Rates Fringes

ELEVATOR MECHANIC.....\$ 46.83 37.335+a+b

FOOTNOTES:

a. 6% under 5 years based on regular hourly rate for all  
hours worked. 8% over 5 years based on regular hourly rate  
for all hours worked.

b. Holidays: New Year's Day; Memorial Day; Independence Day;  
Labor Day; Thanksgiving Day; Friday after Thanksgiving Day;  
Christmas Day; and Veterans Day.

ENGI0450-002 04/01/2014

Rates Fringes

POWER EQUIPMENT OPERATOR  
Cranes.....\$ 34.85 9.85

IRON0066-013 06/01/2023

Rates Fringes

IRONWORKER, STRUCTURAL.....\$ 26.00 7.53

IRON0084-011 06/01/2023

Rates Fringes

IRONWORKER, ORNAMENTAL.....\$ 27.51 8.13

PLUM0142-009 07/01/2023

Rates Fringes

HVAC MECHANIC (Electrical  
Temperature Control  
Installation & Unit  
Installation Only).....\$ 35.95 11.25  
PIPEFITTER (Including HVAC  
Pipe Installation).....\$ 35.95 11.25  
Including HVAC Pipe Installation  
PLUMBER.....\$ 35.95 11.25  
Excludes HVAC Pipe Installation

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\* SFTX0669-002 04/01/2024

Rates Fringes

SPRINKLER FITTER (Fire  
Sprinklers).....\$ 36.15 23.88

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SHEE0067-004 07/03/2023

Rates Fringes

Sheet metal worker  
Excludes HVAC Duct  
Installation.....\$ 30.24 15.89  
HVAC Duct Installation Only.\$ 30.24 15.89

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\* SUTX2014-006 07/21/2014

Rates Fringes

BRICKLAYER.....\$ 22.15 0.00  
CARPENTER (Acoustical Ceiling  
Installation Only).....\$ 17.83 0.00  
CARPENTER (Form Work Only).....\$ 13.63 \*\* 0.00  
CARPENTER, Excludes  
Acoustical Ceiling  
Installation, Drywall  
Hanging, Form Work, and Metal  
Stud Installation.....\$ 16.86 \*\* 4.17  
CAULKER.....\$ 15.00 \*\* 0.00  
CEMENT MASON/CONCRETE FINISHER...\$ 22.27 5.30  
DRYWALL FINISHER/TAPER.....\$ 13.81 \*\* 0.00  
DRYWALL HANGER AND METAL STUD  
INSTALLER.....\$ 15.18 \*\* 0.00  
ELECTRICIAN (Low Voltage  
Wiring Only).....\$ 20.39 3.04  
IRONWORKER, REINFORCING.....\$ 12.27 \*\* 0.00  
LABORER: Common or General.....\$ 10.75 \*\* 0.00  
LABORER: Mason Tender - Brick...\$ 11.88 \*\* 0.00

LABORER: Mason Tender - Cement/Concrete.....	\$ 12.00 **	0.00
LABORER: Pipelayer.....	\$ 11.00 **	0.00
LABORER: Roof Tearoff.....	\$ 11.28 **	0.00
LABORER: Landscape and Irrigation.....	\$ 8.00 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 15.98 **	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 14.00 **	0.00
OPERATOR: Bulldozer.....	\$ 14.00 **	0.00
OPERATOR: Drill.....	\$ 14.50 **	0.00
OPERATOR: Forklift.....	\$ 12.50 **	0.00
OPERATOR: Grader/Blade.....	\$ 23.00	5.07
OPERATOR: Loader.....	\$ 12.79 **	0.00
OPERATOR: Mechanic.....	\$ 18.75	5.12
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.03 **	0.00
OPERATOR: Roller.....	\$ 12.00 **	0.00
PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping.....	\$ 13.07 **	0.00
ROOFER.....	\$ 12.00 **	0.00
TILE FINISHER.....	\$ 11.32 **	0.00
TILE SETTER.....	\$ 14.94 **	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.39 **	1.18
TRUCK DRIVER: Flatbed Truck.....	\$ 19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 12.50 **	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.00 **	4.11

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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\*\* Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including

their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request



review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

**SECTION 31 25 00**  
**EROSION AND SEDIMENTATION CONTROLS**

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**PART 1 - GENERAL**

**1.1 SCOPE SUMMARY**

- A. Erosion and sedimentation controls (construction exit, silt fence, etc.) will be per TXDOT Specifications and incorporated to this project by reference.
- B. TXDOT Standard Specifications are part of this Project Specification but not included in these documents. Refer to TXDOT Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges (November 1, 2014)  
<https://www.txdot.gov/business/resources/txdot-specifications.html>
- C. Applicable TXDOT Specifications Items included but not limited are noted below:
  - 1. ITEM 506-6021- CONSTRUCTION EXITS (INSTALL)(TY 2)
  - 2. ITEM 506-6024- CONSTRUCTION EXITS (REMOVE)
  - 3. ITEM 506-6038- TEMP SEDMT CONT FENCE (INSTALL)
  - 4. ITEM 506-6039- TEMP SEDMT CONT FENCE (REMOVE)
  - 5. ITEM 506-6041- BIODEG EROSION CONT LOGS (INSTL)(12")
  - 6. ITEM 506-6043- BIODEG EROSION CONT LOGS (REMOVE)

**1.2 PAYMENT**

- A. Payment for Erosion and Sedimentation Controls shall be in accordance with Section 01 22 13, Measurement and Payment.

**1.3 SUBMITTALS**

- A. Administrative, shop drawings, samples, quality control, and contract submittals shall conform to the requirements of Section 01 33 00, Submittal Procedures.

**PART 2 - PRODUCTS**

- A. Refer to applicable TXDOT Specifications.

**PART 3 - EXECUTION**

- A. Refer to applicable TXDOT Specifications.

**END OF SECTION**

**SECTION 32 39 13**  
**PIPE BOLLARDS**

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**PART 1 - GENERAL**

**1.1 DESCRIPTION**

- A. Scope:
1. The CONTRACTOR shall provide all labor, materials, hauling, site preparation, excavation, backfill, equipment, and incidentals for removing existing pipe bollards and installation of new pipe bollards as shown on the plans.

**1.2 REFERENCES**

- A. Standards referenced in this Section are:
1. TXDOT Standard Specifications are part of this Project Specification but not included in these documents. Refer to TXDOT Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges (November 1, 2014).

<https://www.txdot.gov/business/resources/txdot-specifications.html>

**1.3 PAYMENT**

- A. Payment for pipe bollards shall be in accordance with Section 01 22 13, Measurement and Payment.

**1.4 SUBMITTALS**

- A. Administrative, shop drawings, samples, quality control, and contract submittals shall conform to the requirements of Section 01 33 00, Submittal Procedures.

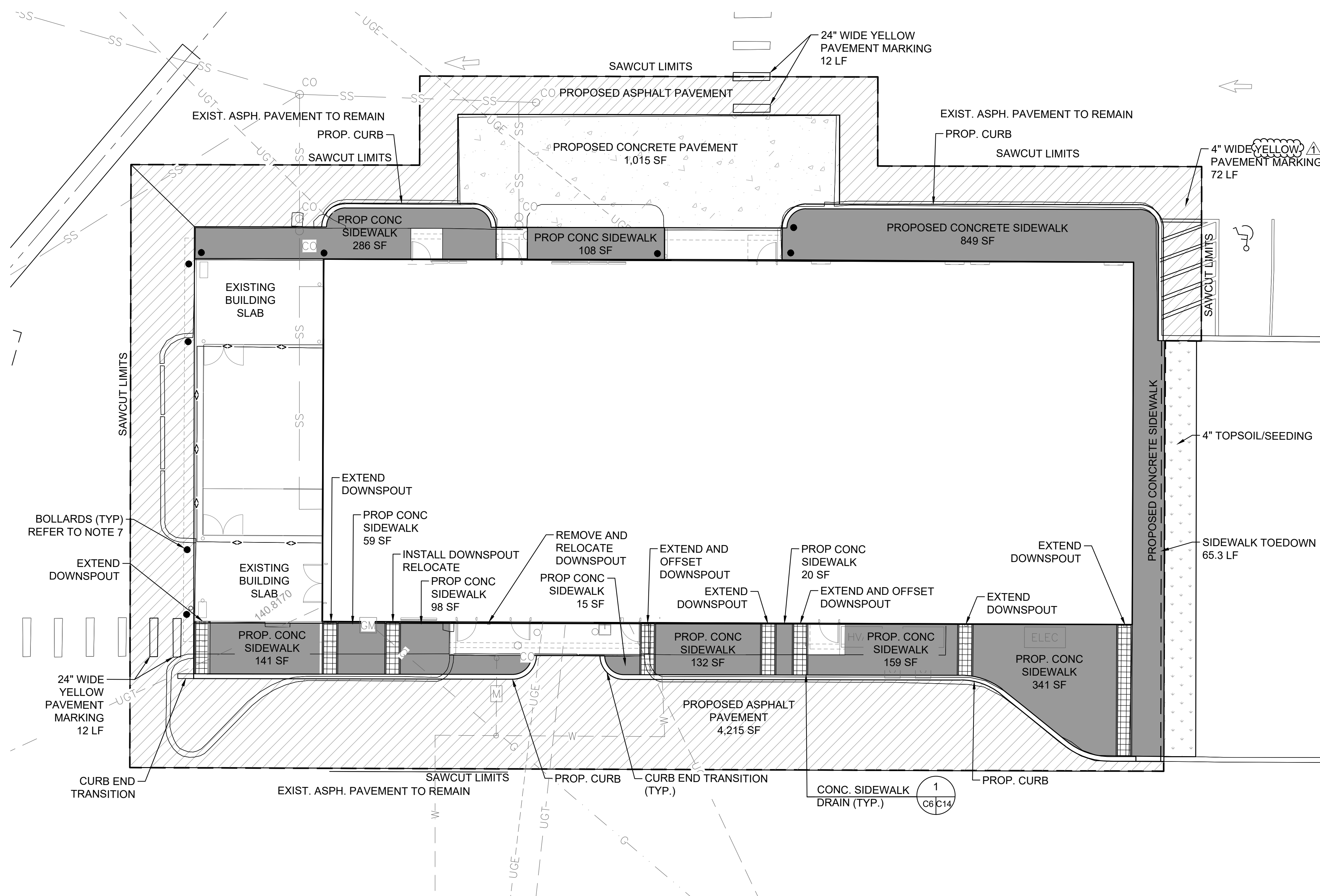
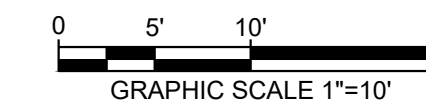
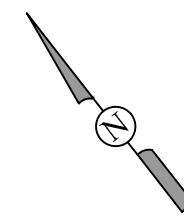
**PART 2 - PRODUCTS**

- A. Provide fixed bollards consisting of 8 in. diameter galvanized standard weight steel pipe filled with concrete and with form domed cap. Provide steel such as pipe, plates, and other required parts in accordance with TxDOT Item 442, "Metal for Structures." Paint or galvanize pipe, plates, and other required steel parts in accordance with the plans and meeting the requirements of TxDOT Item 441, "Steel Structures" and TxDOT Item 445, "Galvanizing." Provide foundation concrete meeting the requirements of TxDOT Item 421, "Hydraulic Cement Concrete." Perform welding in accordance with TxDOT Item 448, "Structural Field Welding.
- B. Assure that bollards meet retro reflectivity requirements as shown on the plans and specified by the Texas MUTCD and the ATSSA (American Traffic Safety Services Association) Brochure on Retro reflectivity.

**PART 3 - EXECUTION**

- A. Remove and dispose of existing bollards as shown on the plans or as directed.
- B. Install bollards to the depth as shown on the plans or as directed. Clean bollard holes free of loose dirt and debris, and thoroughly compact the bottom of the hole to the correct elevation for placement of the bollards. Provide plates to match existing bollards, if applicable. Place bollards to the correct alignment, elevation, and plumb. Backfill around fixed and timber bollards with minimum 3000 PSI concrete.

**END OF SECTION**



**LEGEND**

- PROP. CONC. SIDEWALK
- PROP. ASPHALT PAVEMENT
- PROP. SIDEWALK DRAIN
- PROP. CONC. PAVEMENT
- PROP. 4" TOPSOIL & SEEDING
- PROP. BOLLARD
- PROP. CONC. CURB

**NOTES:**

1. SEE PROPOSED DIMENSION CONTROL PLAN FOR SAWCUT LIMITS
2. SEE CIVIL SITE DETAILS 3 FOR DOWNSPOUT DETAILS AND ADDITIONAL INFORMATION.
3. CURB ENDS AT RADIUS RETURNS SHALL BE CONSTRUCTED WITH CURB END TRANSITION.
4. NEW CONCRETE SIDEWALK SHALL SLOPE AWAY FROM THE BUILDING FACE TO ENSURE PROPER DRAINAGE WITH 1% MINIMUM SLOPE. SIDEWALK SLOPE SHALL NOT EXCEED A 2% MAXIMUM SLOPE.
5. CONCRETE SIDEWALK SHALL BE TRANSITIONED TO MATCH GRADE AT CONCRETE STOOPS. TRANSITION LENGTH SHALL NOT EXCEED THREE FEET. CONTRACTOR SHALL ENSURE CHANGES IN LEVEL BETWEEN NEW SIDEWALK OR SIDEWALK DRAINS SURFACE AND EXISTING STOOP SURFACE DOES NOT EXCEED 1/4-INCH VERTICAL.
6. PATCH/REPAIR CONCRETE EDGES ON CONCRETE STOOPS. CONTRACTOR TO PROVIDE A SUBMITTAL FOR A CONCRETE REPAIR PRODUCT LISTED ON THE TEXAS DEPARTMENT OF TRANSPORTATION MATERIAL PRODUCER LIST (MPL) FOR CONCRETE REPAIR MATERIALS. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.
7. CONTRACTOR TO REMOVE EXISTING BOLLARDS AND PLACE NEW BOLLARDS AT THE SAME LOCATION OR AS DIRECTED BY ENGINEER. ALL EXISTING BOLLARDS TO REMAIN SHALL BE RE-PAINTED TO MATCH THE NEW BOLLARDS.

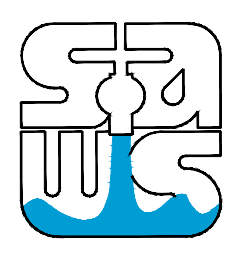
**1** ENLARGED PLAN  
SCALE: 1" = 10'

2/29/2024 \\GIC\_SVR\SHARE1\ENGINEERING\SAWS\1137\_WSOC\_DRAINAGE IMPROVEMENTS\14\_PRODUCTION\30D\_DRAWINGS\SHEETS\1137-S-PSITE-EP-01.DWG

PROJECT:	1122		
DESIGN:	MP		
DRAWN:	JAT		
APVD:	JG		
FILE:			
	1	4/9/2024	Addendum 2
	NO.	DATE	REVISION



**Garcia Infrastructure Consultants, LLC**  
 Texas Firm No. F-17794  
 12042 Blanco Rd., Ste. 175  
 San Antonio, Texas 78216  
 Ph. (210) 437-0323



**SAN ANTONIO WATER SYSTEM**  
**WESTSIDE OPERATIONS CENTER**  
**SUPPLY BUILDING DRAINAGE IMPROVEMENTS**  
 SAWS Job No. 22-0152;  
 Contract No. PS-00121-04  
 San Antonio, Texas

WESTSIDE OPERATIONS CENTER  
 SUPPLY BUILDING DRAINAGE IMPROVEMENTS  
**PROPOSED ENLARGED PLAN**

**EROSION AND SEDIMENTATION CONTROL NOTES:**

- 1. MAINTENANCE:**  
ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE COMPLETED AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY, FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS.
- 2. INSPECTION:**  
AN INSPECTION WILL BE PERFORMED BY THE CONTRACTOR EVERY 14 DAYS AS WELL AS WITHIN 24 HOURS AFTER EVERY 1/2" OR MORE OF RAIN (RECORDED ON A NON-FREEZING RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROL SHALL BE CORRECTED BEFORE THE NEXT SCHEDULED INSPECTION.
- 3. WASTE MATERIALS:**  
ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL STATE AND LOCAL CITY SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION AND THE TRASH WILL BE HAULED TO A LOCAL DUMP. NO CONSTRUCTION MATERIALS WILL BE BURIED ON SITE.
- 4. HAZARDOUS WASTE (INCLUDING SPILL REPORTING):**  
AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINTS, ACIDS FOR CLEANING MASONRY SURFACES, GASOLINE, MOTOR OIL, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION OR CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS AND MEETS REPORTING REQUIREMENTS, THE NATIONAL RESPONSE CENTER SHOULD BE CONTACTED AT 800-424-8802, AND ANY REQUIRED CHANGES MADE TO THE SWPPP. IN THE EVENT OF A LIFE THREATENING SPILL THE SAN ANTONIO FIRE DEPARTMENT SHOULD BE NOTIFIED AS WELL AS THE APPROPRIATE CITY INSPECTOR.
- 5. REMARKS:**  
DISPOSAL AREAS, STOCKPILES AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT ENTERS RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, BODY OF WATER, STREAMBED OR FLOODPLAIN. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS POSSIBLE OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSE WORK, PILING DEBRIS OR OTHER OBSTRUCTION PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT PART OF THE FINISHED WORK.

**GENERAL NOTES:**

- IF SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, FILTER DAMS SHOULD BE PLACED NEAR THE TOE OF SLOPES WHERE EROSION IS ANTICIPATED, UPSTREAM AND/OR DOWNSTREAM AT DRAINAGE STRUCTURES, AND IN ROADWAY DITCHES AND CHANNELS TO COLLECT SEDIMENT.
- MATERIALS (AGGREGATE, WIRE MESH, SANDBAGS, ETC.) SHALL BE AS INDICATED BY THE SPECIFICATION FOR ROCK FILTER DAMS FOR EROSION AND SEDIMENTATION CONTROL.
- SIDE SLOPES SHOULD BE 2:1 OR FLATTER. DAMS WITHIN THE SAFETY ZONE SHALL HAVE SIDE SLOPES OF 6:1 OR FLATTER.
- THE SEDIMENT TRAP FOR PONDING OF SEDIMENT LADEN RUNOFF SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS.
- SACK GABIIONS SHOULD BE STAKED DOWN WITH 3/4" DIA. REBAR STAKES.
- FLOW OUTLET SHOULD BE ONTO A STABILIZED AREA (VEGETATION, ROCK, ETC.).
- THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.

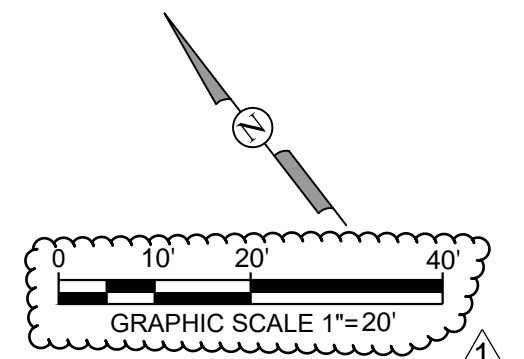
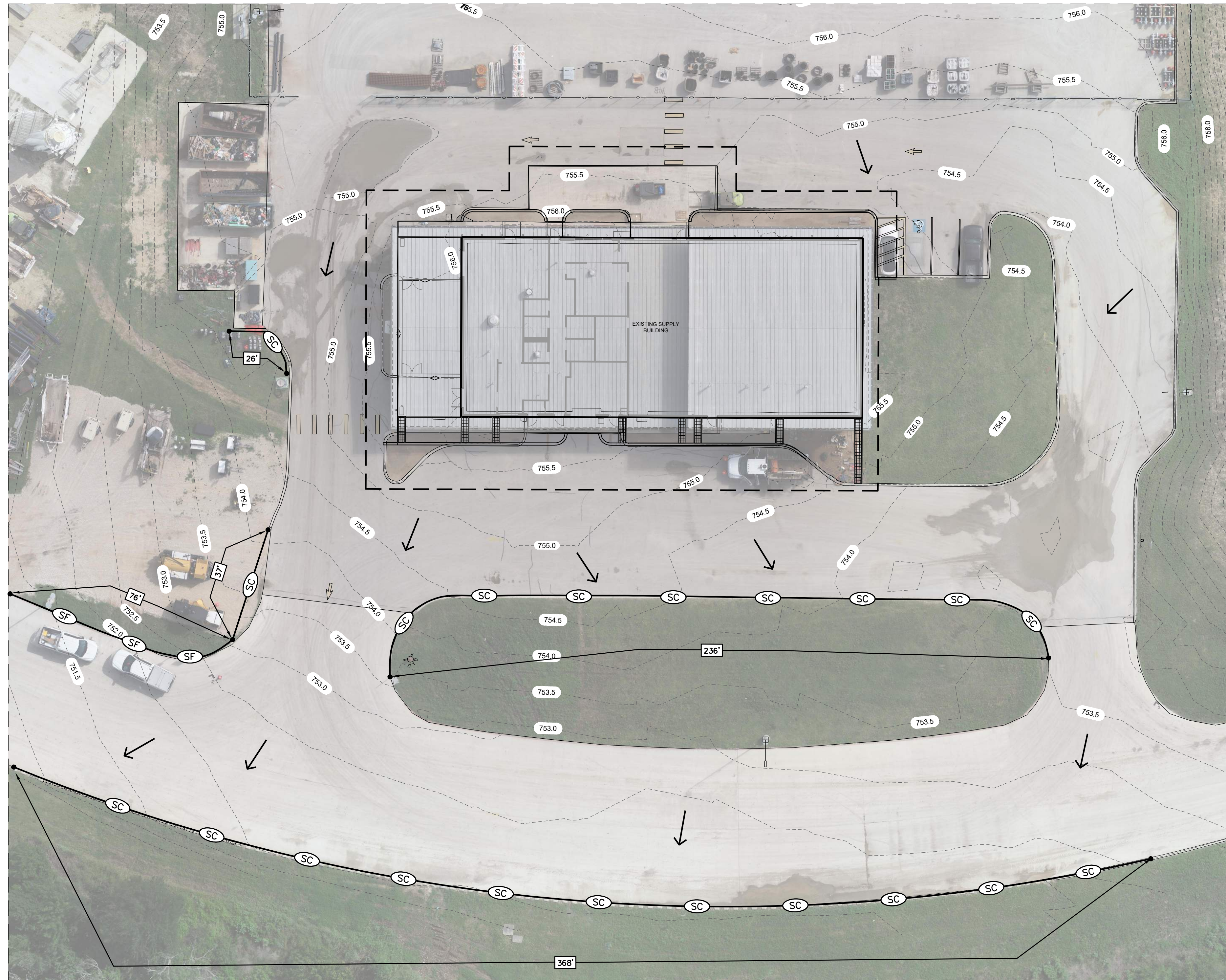
**CALL BEFORE YOU DIG**  
TEXAS ONE CALL PARTICIPANTS REQUEST  
72 HOURS NOTICE BEFORE YOU DIG, DRILL  
OR BLAST - STOP CALL  
TEXAS ONE CALL SYSTEM  
1-800-245-4545

**TRENCH EXCAVATION SAFETY PROTECTION NOTE**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURE/DESIGN/GEOTECHNICAL/SAFETY/ EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**UTILITY LOCATION NOTE**

THE EXISTING UTILITIES AS SHOWN ARE FROM INFORMATION PROVIDED BY THE UTILITY COMPANIES AND FIELD OBSERVATIONS. HOWEVER, NOT ALL EXISTING UTILITY LINES HAVE NOT BEEN FIELD LOCATED, AND ARE SHOWN IN THE APPROXIMATE LOCATION FOR THE CONVENIENCE OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING EXCAVATION, AND TO NOTIFY THE OWNERS OF THOSE UTILITIES AT LEAST FORTY-EIGHT HOURS IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT OR SUPPORT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED TO THE CURRENT STANDARDS OF THE OWNER OF THE UTILITY AT THE EXPENSE OF THE CONTRACTOR.



**LEGEND**

- SEDIMENT CONTROL FENCE
- SEDIMENT SOCK
- PROJECT LIMITS
- STORM WATER FLOW DIRECTION

TEMPORARY EROSION CONTROL MEASURES	QUANTITY
SEDIMENT CONTROL FENCE (SF)	76 L.F.
SEDIMENT CONTROL SOCK (SC)	667 L.F.

**LIMITS OF DISTURBANCE  
±0.23 ACS.**

1 EROSION CONTROL PLAN  
SCALE: 1" = 20'

1/23/2024 \\G:\SIV\SHARE1\ENGINEERING\SAWS\1137\_WSOC\_DRAINAGE\_IMPROVEMENTS\14\_PRODUCTION\30D\_DRAWINGS\SHEETS\1137-S-SW3P-02.DWG

PROJECT:	1122		
DESIGN:	MP		
DRAWN:	JAT		
APVD:	JG		
FILE:	1	4/9/2024	Addendum 2
	NO.	DATE	REVISION

*Martin Palacios P.E.*  
4/9/2024

**Garcia Infrastructure Consultants, LLC**  
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San Antonio, Texas 78216  
Ph. (210) 437-0323

**SAN ANTONIO WATER SYSTEM WESTSIDE OPERATIONS CENTER SUPPLY BUILDING DRAINAGE IMPROVEMENTS**  
SAWS Job No. 22-0152;  
Contract No. PS-00121-04  
San Antonio, Texas

WESTSIDE OPERATIONS CENTER  
SUPPLY BUILDING DRAINAGE IMPROVEMENTS  
**STORM WATER  
MANAGEMENT PLAN**

**C19**  
SHT 24 OF 33