

DEER PARK HIKE AND BIKE TRAIL PHASE 1

CITY OF DEER PARK, TEXAS HIKE AND BIKE TRAIL-PHASE ONE DESIGN JOB NO. 1340.001

BURDITT
LAND | PLACE STUDIO
310 Longmire, Conroe, TX 77304
P: (936) 756-3041 | F: (936) 539-3240
www.burditt.com

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BID SET

CITY OF DEER PARK
HIKE AND BIKE TRAIL - PHASE 1
DEER PARK, TEXAS
77536

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AND SHOULD NOT BE SCALED FOR
DIMENSIONAL INFORMATION.

PROJECT NUMBER:

1039.003

ISSUE DATES:

02.10.2021

DRAWN BY:

GC

CHECKED BY:

CW

SHEET NO.:

COVER
SHEET

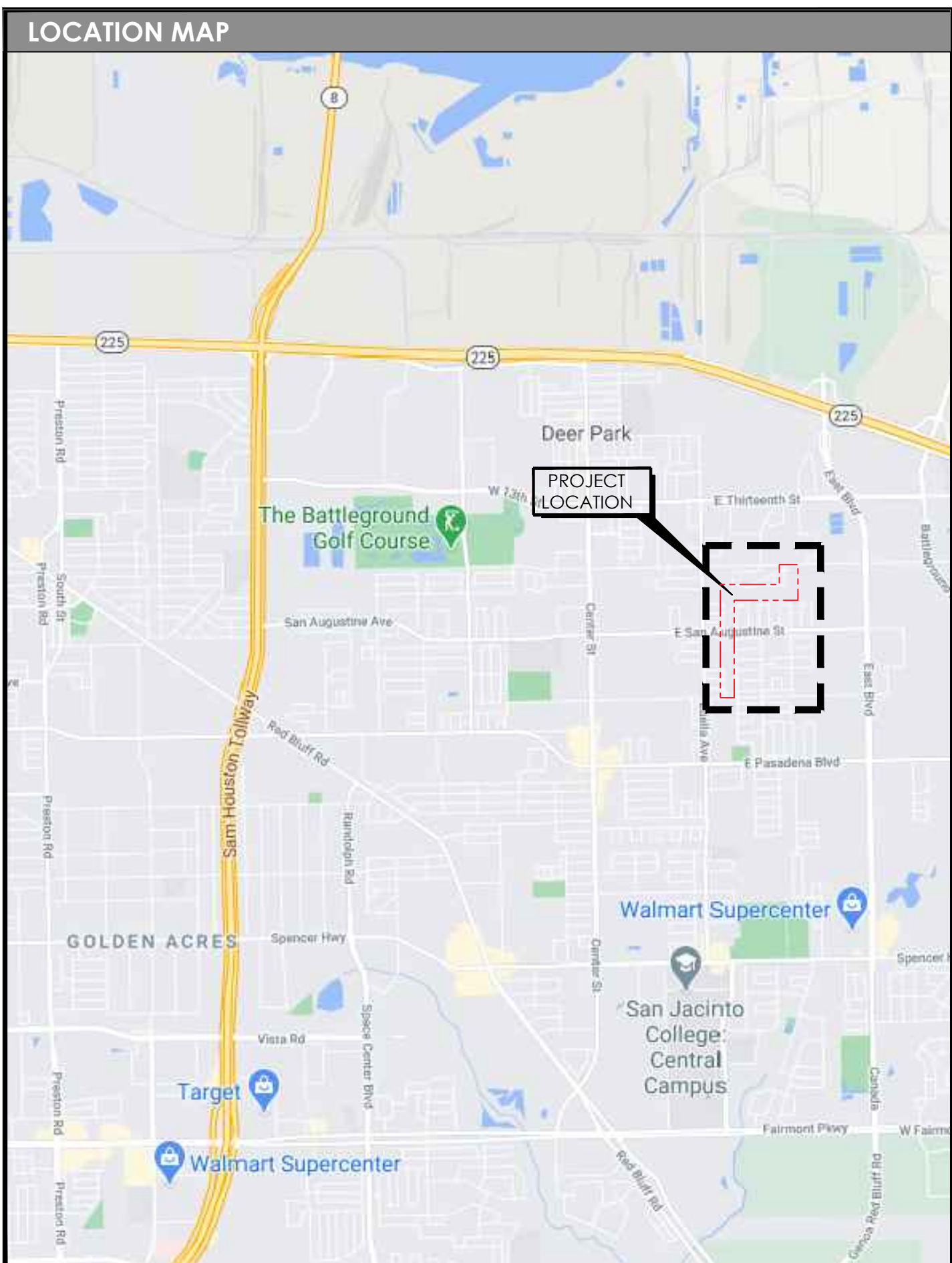
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PROJECT TEAM

OWNER:
THE CITY OF DEER PARK
P: 281.478.2050
Contact: CHARLIE SANDBERG
parks and recreation director
csandberg@deerparktx.org

PROJECT MANAGER:
BURDITT CONSULTANTS, LLC
P: 936.756.3041
Contact: GLENN COX, RLA
gcox@burditt.com

LANDSCAPE ARCHITECT:
BURDITT CONSULTANTS, LLC
P: 936.756.3041
CONTACT: CLAUDIA WALKER, R.L.A.
CWALKER@BURDITT.COM



GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY THE CITY OF DEER PARK TWO (2) WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION AND SHALL COORDINATE NECESSARY INSPECTIONS THROUGHOUT FINAL APPROVAL.
2. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ANY EXISTING UTILITIES AND IMPROVEMENTS.
3. ANY DAMAGE TO EXISTING FACILITIES OR IMPROVEMENTS, RESULTING FROM THE CONTRACTOR'S OPERATION, SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND/OR MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH THE INTENT OF THESE PLANS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND/OR OPERATIONAL SYSTEMS.
5. DURING THE COURSE OF THE WORK, CONTRACTOR SHALL COORDINATE AND ACCOMMODATE OTHER CONTRACTORS OR OPERATIONS OF THE OWNER.
6. CONTRACTOR SHALL RESTRICT ALL OPERATIONS WITHIN THE PROJECT BOUNDARIES. ANY DISRUPTION TO NATIVE LANDSCAPES, OUTSIDE OF PROJECT BOUNDARIES, SHALL BE RESTORED AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION, AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR LOCATION OF POWER, GAS, OIL, CABLE TV, AND TELEPHONE UNDERGROUND FACILITIES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE PUBLIC AGENCY FOR LOCATION OF ALL UNDERGROUND FACILITIES.
9. ALL EXISTING TREES WITHIN CONSTRUCTION AREA SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT DRIP-LINE OF CANOPY.
10. CONTRACTOR TO FIELD VERIFY EXISTING GRADES AND SITE ELEMENTS PRIOR TO CONSTRUCTION FOR APPROVAL BY OWNER.
11. CONTRACTOR TO FOLLOW GEOTECHNICAL REPORT RECOMMENDATIONS FOR CONSTRUCTION.
12. SMOOTH AND HYDROSEED DISTURBED AREAS UP TO 10'.
13. CONTRACTOR SHALL SUBMIT AN SWPPP PLAN.
14. SOD STABILIZE ANY SLOPES OF 3:1 OR GREATER
15. CONTRACTOR TO SUBMIT CUT SHEETS AND SHOP DRAWINGS FOR SPECIFIED SITE FURNISHINGS AND FOOTINGS PER MANUFACTURER RECOMMENDATIONS AND GEOTECHNICAL REPORT.

GRADING AND EXCAVATION NOTES

1. ANY EXISTING AND / OR ON-SITE CONDITIONS WHICH VARY FROM THOSE SHOWN ON DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION OF THE NEW AMENITIES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.
3. THE DEBRIS CREATED BY REMOVAL OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF AWAY FROM THE JOB SITE. SUBSOIL SHALL NOT BE REUSED FOR TOPSOIL.
4. GENERAL CONTRACTOR SHALL LEAVE LANDSCAPE CONTRACTOR SITE AT APPROXIMATELY FINAL GRADE. (SEE NOTE BELOW). LANDSCAPE CONTRACTOR SHALL ESTABLISH SMOOTH AND UNIFORM GRADES WITH A MAXIMUM SLOPE OF 3:1 UNLESS OTHERWISE NOTED. TIE INTO EXISTING ADJACENT GRADES SMOOTHLY AND FINE GRADE FOR POSITIVE DRAINAGE AND TO PREVENT WATER FROM STANDING. CUT SWALES TO DIRECT WATER AWAY FROM ALL STRUCTURES AND PROPERTY LINES, AND TOWARDS STORM SEWER INLETS. DO NOT DRAIN ANY WATER TOWARDS LOTS, EASEMENTS, OR BUILDINGS.
5. IF THERE ARE CLUMPS LARGER THAN 1" IN DIAMETER AFTER TOPSOIL IS SPREAD OUT OVER SITE, SITEWORK CONTRACTOR TO LIGHTLY PROOFROLL THE TOPSOIL TO BREAK UP AND SMOOTH OUT FINISHED SURFACE IN PREPARATION FOR HYDROMULCH OR SOLID SOD. FINAL SOIL SURFACE AROUND THE SITE SHOULD BE SMOOTH JUST BEFORE SOD OR HYDROMULCH IS INSTALLED. SITEWORK CONTRACTOR RESPONSIBLE FOR FILLING IN "EROSION VEINS", TIRE TRACKS, OR OTHER DISTURBANCES TO AN OTHERWISE SMOOTH AND UNIFORM FINISHED GRADE SURFACE JUST PRIOR TO GRASS INSTALLATION.
6. SITEWORK CONTRACTOR RESPONSIBLE FOR BACKFILLING BEHIND ALL CURBS, SIDEWALKS, BUILDINGS, AND STRUCTURES TO HAVE POSITIVE DRAINAGE EVERYWHERE ON SITE. ANY "BIRDBATHS" OR STANDING PUDDLES TO BE FILLED IN AND FINE GRADED FOR POSITIVE DRAINAGE OVER ENTIRE SITE. ANY AREA AROUND THE SITE THAT PUDDLES WATER WHERE IT SHOULD HAVE POSITIVE DRAINAGE WILL NOT BE ACCEPTED. ALL SIDES OF OUTFALL SWALES ARE TO BE COMPACTED 95% PROCTOR. ALL EARTHWORK TO BE PERFORMED IN MAXIMUM 8" LIFTS, COMPACTING AND TESTING EACH LIFT. GEOTECHNICAL MATERIALS TESTING BY A QUALIFIED AGENCY MUST BE PERFORMED REGULARLY AND OFTEN ON EACH LIFT OF BACKFILL WITH REPORTS. OUTLINING RESULTS OF TESTING BEFORE SUBSEQUENT EARTH LIFTS OR PAVEMENT IS PLACED OR FINAL TOPSOIL IS INSTALLED. REPORTS MUST BE SUBMITTED TO CLIENT REPRESENTATIVE WITHIN 48 HOURS OF TESTING FOR APPROVAL.
7. ONCE FINAL GRADES HAVE BEEN ACHIEVED CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SMOOTH FINISHED SURFACE UNTIL TOPSOIL AND FINAL SOD/HYDROMULCH HAVE BEEN INSTALLED. ANY EROSION FROM WEATHER ON BARE, EXPOSED SOIL IS TO BE FINE GRADED AGAIN TO FILL IN EROSION VEINS AND EXCAVATE SEDIMENT PILES AT CONTRACTOR'S EXPENSE.

ALTERNATES

- | # | DESCRIPTION |
|----|---|
| 1. | DEDUCT ALTERNATE 1: DECOMPOSED GRANITE TRAIL - REDUCE ENTIRETY OF THE TRAIL BY 2'; INCLUDING BASE AND REQUIRED GRADING +/- 11,245 SF DECOMPOSED GRANITE AREA (CONTRACTOR TO VERIFY) |
| 2. | ADD ALTERNATE 1: ADD 8 SOLAR LIGHT POLES WITH COMPLETE INSTALLATION. COORDINATE WITH OWNER/OWNER REP REF: LS1.04/A1.A2 |

SHEET INDEX






SHEET	DESCRIPTION
CVR	COVER SHEET & INDEX
LS1.00	OVERALL SITE PLAN
LS1.01	ENLARGED SITE PLAN
LS1.02	ENLARGED SITE PLAN
LS1.03	ENLARGED SITE PLAN
LS1.04	ENLARGED SITE PLAN
LS1.05	SITE DETAILS

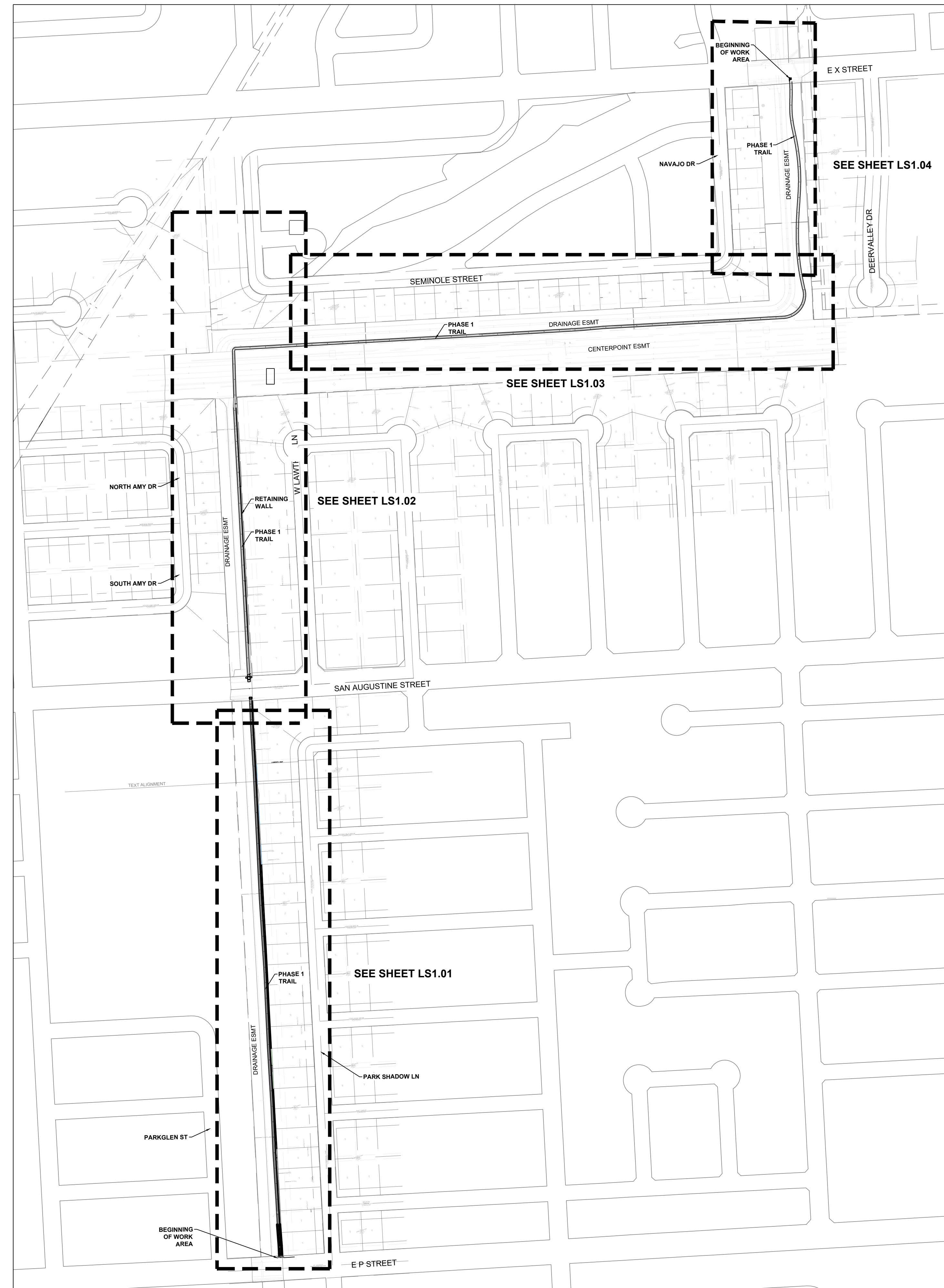
EROSION CONTROL NOTES

1. THE SITE SUPERINTENDENT, OR HIS REPRESENTATIVE, SHALL MAKE A VISUAL INSPECTION OF ALL SILTATION CONTROLS AND NEWLY STABILIZED AREAS ON A DAILY BASIS, ESPECIALLY AFTER A RAINFALL TO INSURE THAT ALL CONTROLS ARE MAINTAINED AN PROPERLY FUNCTIONING. ANY DAMAGED CONTROLS SHALL BE REPAIRED PRIOR TO THE END OF THE WORK DAY, INCLUDING RE-SEEDING AND MULCHING OR RE-SODDING IF NECESSARY. ALL INSPECTIONS SHALL BE DOCUMENTED WITH A WRITTEN REPORT WITHIN 24 HOURS, WHICH MUST DETAIL ANY REPAIRS DEEMED NECESSARY. SUCH REPAIRS SHALL BE INITIATED WITHIN 24 HOURS OF THE REPORT.
2. ALL SEDIMENT TRAPPING DEVICES SHALL BE INSTALLED AS SOON AS PRACTICAL AFTER THE AREA HAS BEEN DISTURBED. ALL SEDIMENT TRAPPING DEVICES SHALL BE REMOVED AND REPLACED WITH NEW WHEN THE SEDIMENT LEVEL REACHES 25% CAPACITY. SEDIMENT SHALL BE DISPOSED OF BY SPREADING ON SITE OR HAULING AWAY IF NOT SUITABLE FOR FILL.
3. SEDIMENT FENCE, HAY BALE BARRIERS, OR OTHER SEDIMENT TRAPPING DEVICES SHALL CONTROL ALL STORM WATER LEAVING THE SITE. ALL FILL OR CUT AREAS SHALL BE HYDRO-MULCHED OR SODDED AS PER THE ENGINEERS' PLANS.
4. SILTATION CONTROL (AS SHOWN ON THE DETAIL SHEETS) WILL BE PROVIDED AT ALL STORM DRAIN INLETS ONCE THEY ARE ABLE TO CONVEY WATER. THE SILTATION CONTROL WILL BE REMOVED ONCE THE SITE HAS BEEN STABILIZED AND BEFORE THE ROAD IS OPEN TO THE PUBLIC.
5. THE CONTRACTOR IS RESPONSIBLE FOR FILING A NOTICE OF INTENT (NOI) WITH THE APPROPRIATE STATE AGENCY IN ORDER TO COMPLY WITH EPA REGULATIONS. SAID NOI MUST BE FILED TWO (2) DAYS BEFORE CONSTRUCTION BEGINS.
6. THE CONTRACTOR IS RESPONSIBLE FOR FILING A NOTICE OF TERMINATION AT THE COMPLETION OF THE PROJECT.
7. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SEDIMENT CONTROL DEVICES AFTER THE SITE HAS BEEN STABILIZED AND SOD OR HYDROMULCH IN PLANTED AREAS HAS TAKEN ROOT.
8. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
9. REINFORCED AND NON-REINFORCED FILTER FABRIC SHALL MEET THE REQUIREMENTS OF TxDOT SPECIFICATIONS AND SHALL BE INDUSTRY-STANDARD MATERIAL.
10. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.
11. OVERLAP ENDS AND WRAP TOGETHER AROUND A POST TO AVOID ANY GAPS IN SILT FENCING.

CITY OF DEER PARK
HIKE AND BIKE TRAIL - PHASE 1
DEER PARK, TEXAS 77536

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LEGEND			
KEY	DESCRIPTION	UNIT	QUANTITY
	8' DECOMPOSED GRANITE TRAIL	SQ FT	44,980
	4" THICK CONCRETE WALK	SQ FT	930
	RETAINING WALL 6"-3'	LIN FT	540
	CONCRETE FLUME	EA	3
	SOLAR LIGHT POLE	EA	8
	BOLLARD	EA	3
	STEEL EDGING	LIN FT	87,100
	DOG WASTE STATION	EA	2

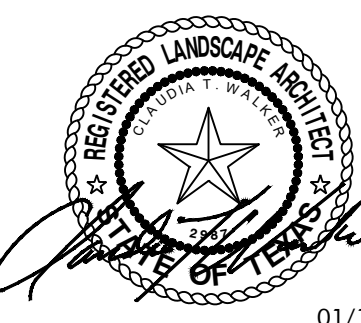


A3 OVERALL SITE PLAN
1"=200'



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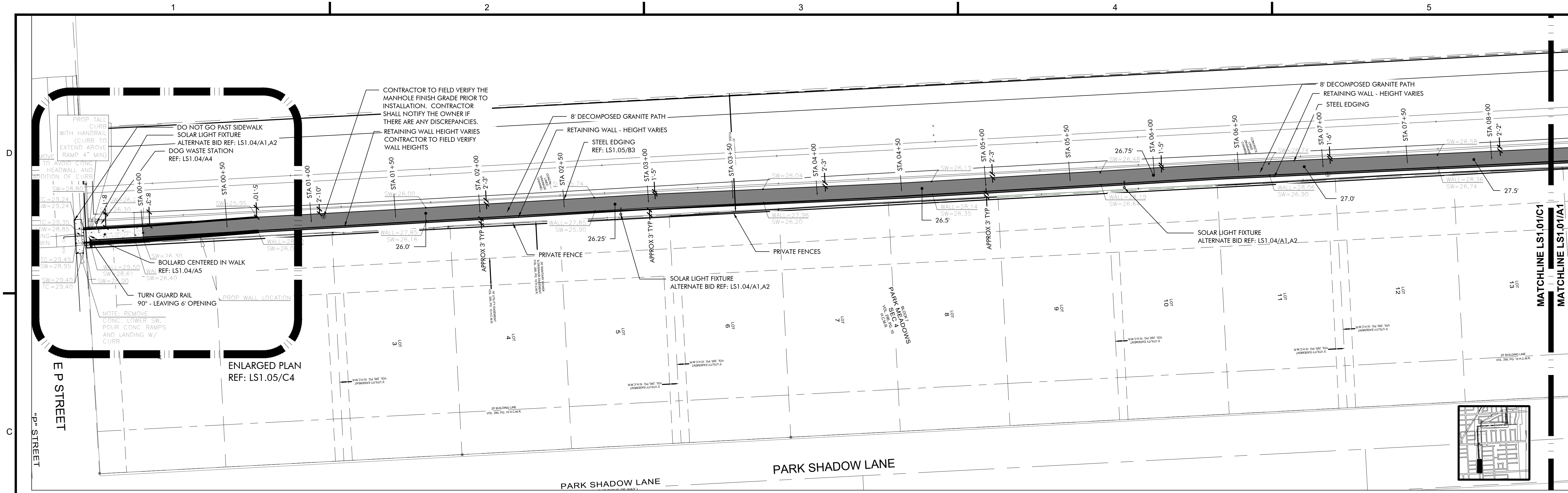
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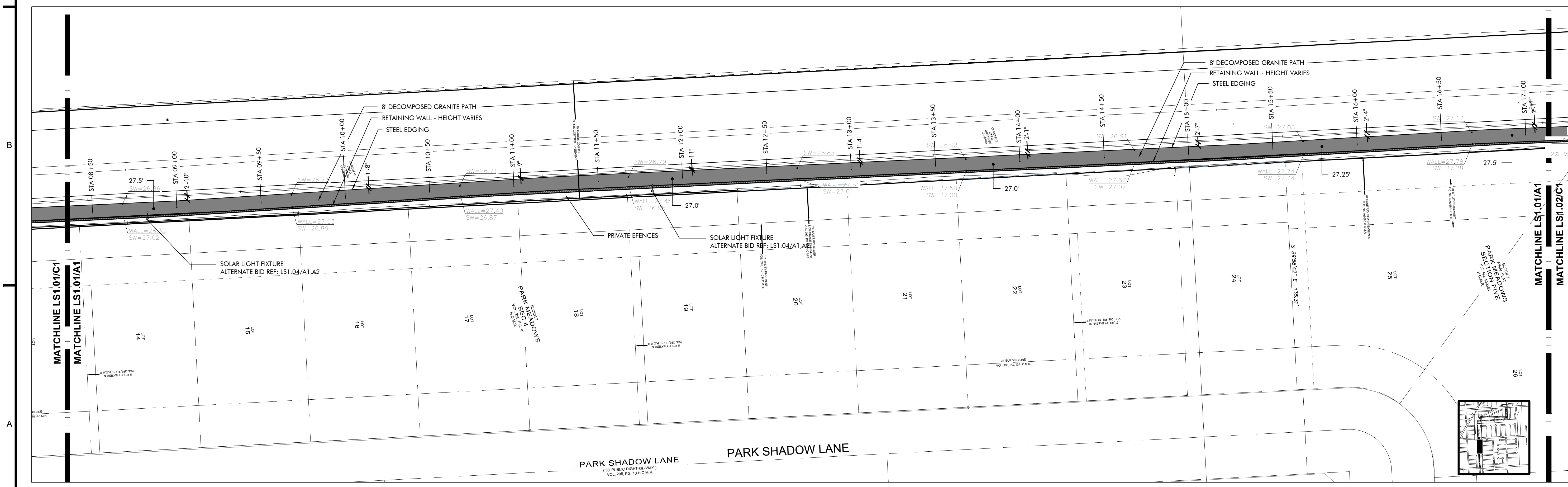
ENLARGED
SITE PLAN

LS1.01

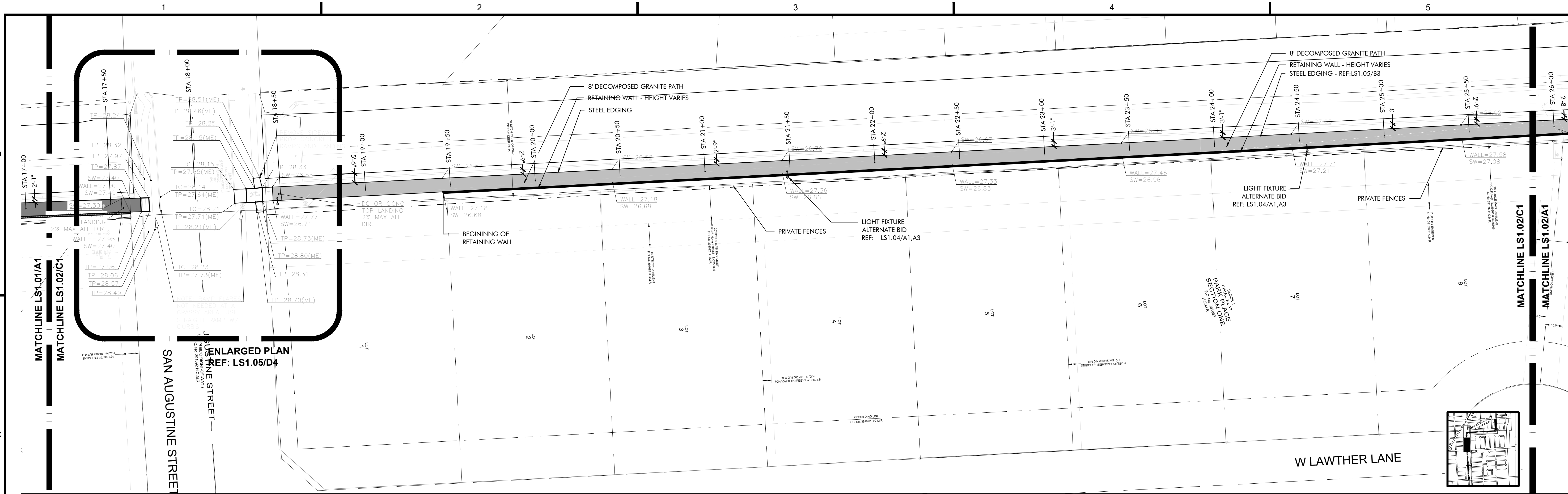
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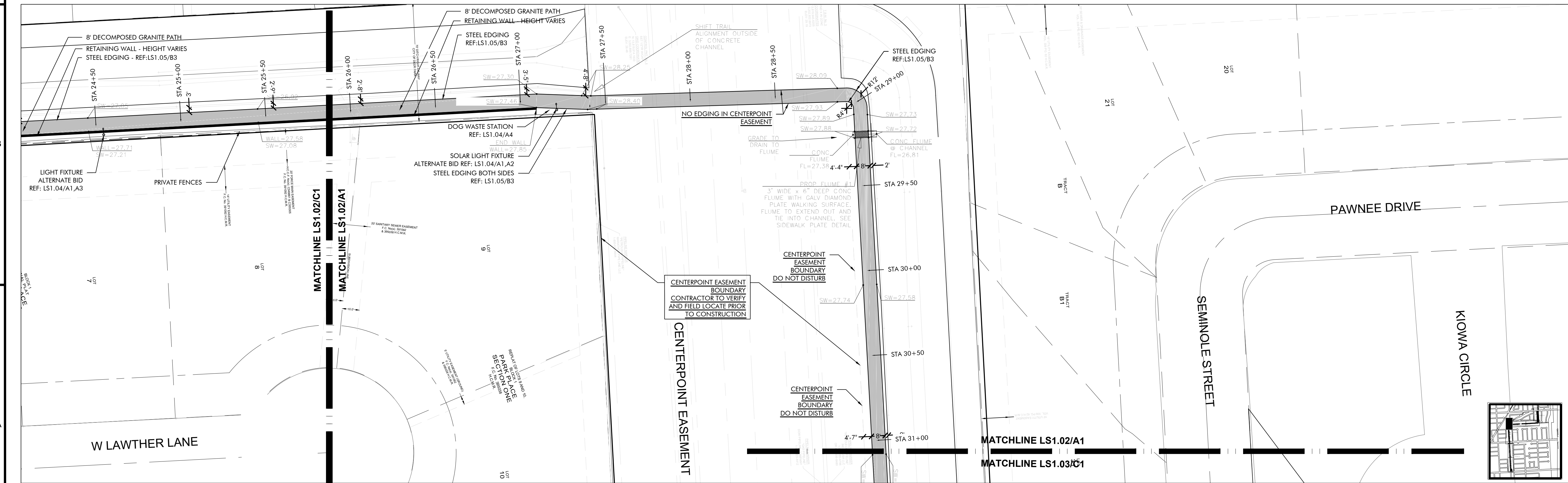
C1 ENLARGED SITE PLAN STATION 00+00 THROUGH 08+35
1"=30'



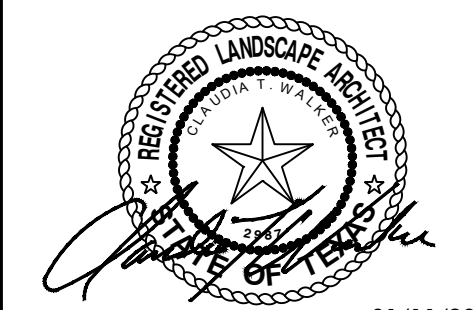
A1 ENLARGED SITE PLAN STATION 08+35 THROUGH 17+13
1"=30'



C1 ENLARGED SITE PLAN STATION 17+00 THROUGH 25+88
1"=30'



A1 ENLARGED SITE PLAN STATION 25+88 THROUGH 31+06
1"=30'



01/11/2021

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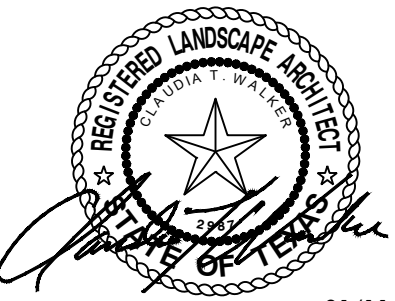
**ENLARGED
SITE PLAN**

LS1.02

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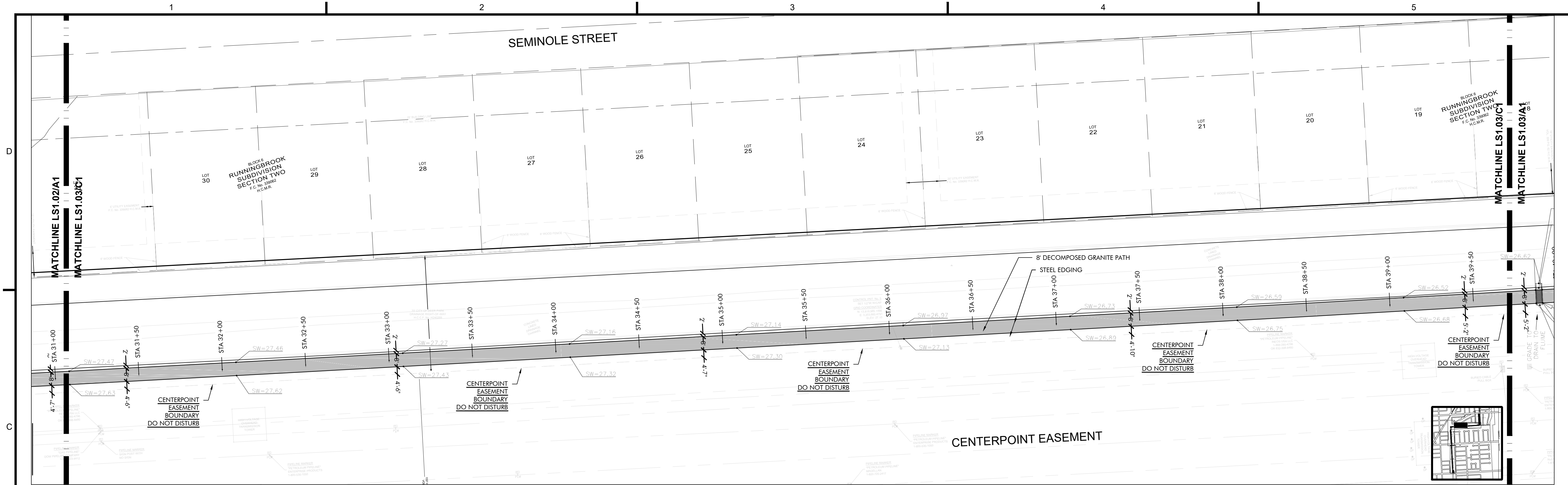
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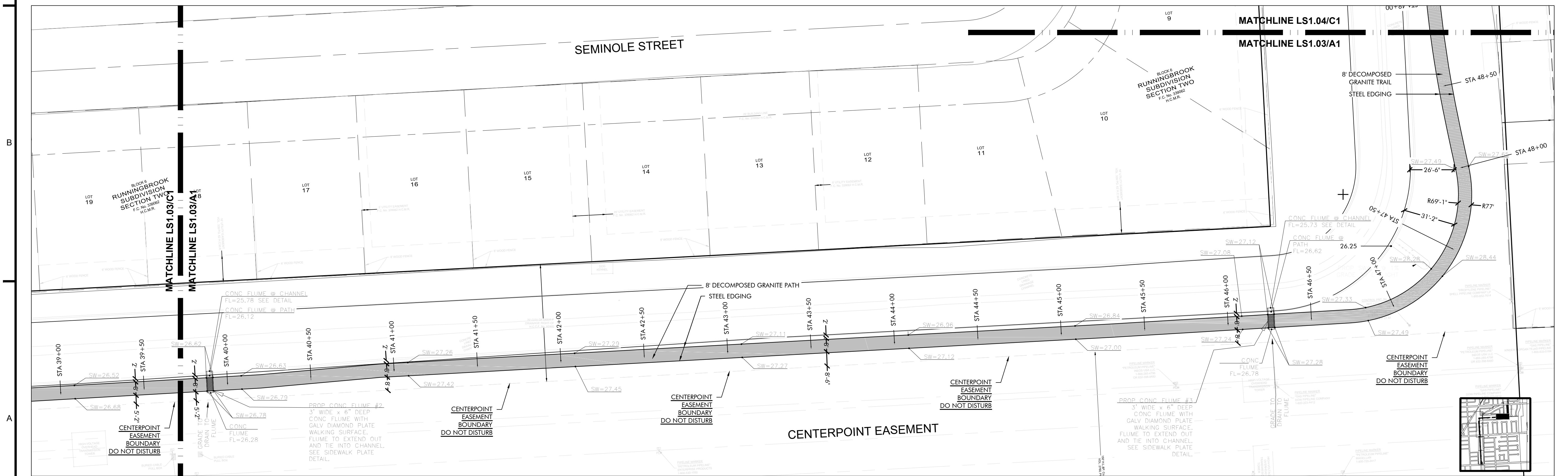
ENLARGED
SITE PLAN

LS1.03

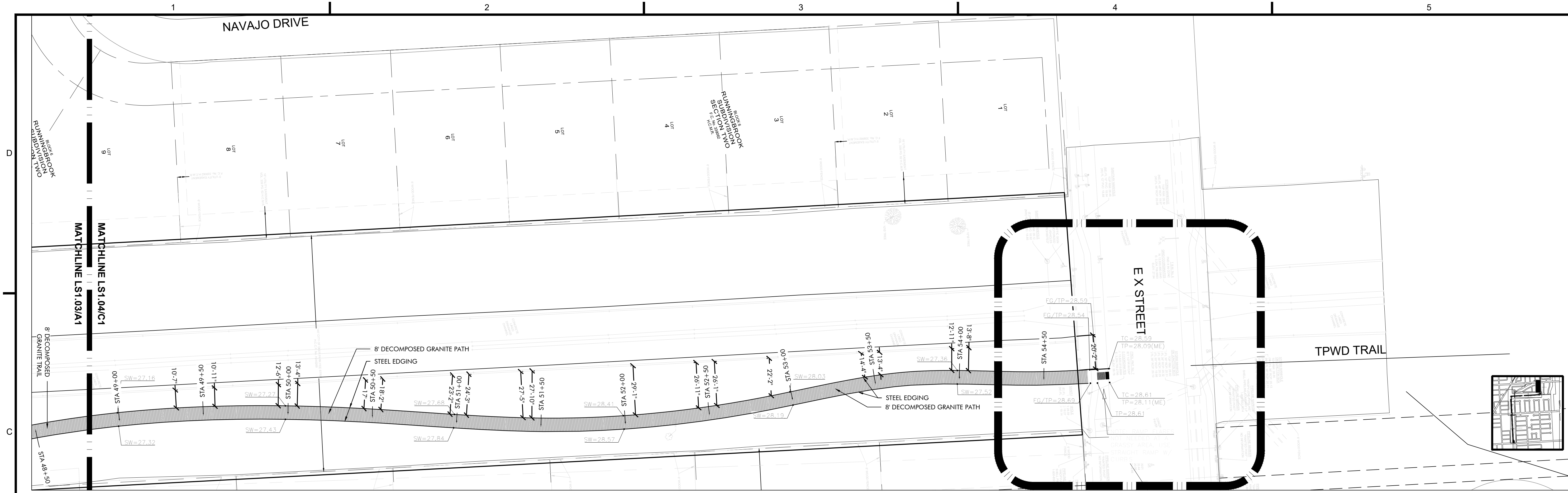
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C1 ENLARGED SITE PLAN STATION 31+06 THROUGH 39+72
1"=30'



A1 ENLARGED SITE PLAN STATION 39+72 THROUGH 48+82
1"=30'



C1 ENLARGED SITE PLAN STATION 48+82 THROUGH 54+88
1"=30'

MEET THE SMARTER EVERGEN™ SOLAR LIGHTING SYSTEM.

SOL by carmanah®

3 STEPS WE TAKE TO GUARANTEE OUR EVERGEN WILL PERFORM AS PROMISED:

- 01** Engineer a system that meets required light levels. We design it smart, not large, to ensure cost savings.
- 02** Build it tough to withstand heat, cold, wind, and moisture. We offer a 10-year standard warranty.*
- 03** Accurately size for each location. We guarantee light performance over the long term as planned.

**CONTACT: MATHEW REGIER
SOL by SUNNA DESIGN
250-412-8319
MREGIER@SOLARLIGHTING.COM**

A1 SOLAR PATHWAY LIGHTS - ALTERNATE BID
SCALE: NTS

EVERGEN™ TECHNICAL SPECIFICATIONS

SOL by carmanah®

	1 Battery	2 Batteries	3 Batteries	4 Batteries
Single	723	145	215	273
Double	1447	290	430	546

EVERGEN™ ENERGY MANAGEMENT SYSTEM

The EverGen™ ensures bright, reliable light output and healthy, high-functioning lighting systems with maintenance-free operation and remote monitoring.

- Bluetooth® wireless technology and setup app for simple and secure setup
- Maintenance notifications via email when an EverGen isn't working as expected
- Programmed by Sol based on your project requirements
- Flexible operating modes (dark-to-dark, split night, split night with dimming)
- Integrated MPPT charging and LED driving system reduces system failures, overall system complexity, and cost
- Temperature compensated and MPPT controlled battery charging to maximize battery life and energy collection
- Rugged solid state design ensures long life and no maintenance
- Ten-year limited warranty

A2 SOLAR PATHWAY LIGHTS - ALTERNATE BID
SCALE: NTS

PET WASTE ELIMINATOR

Commercial Pet Waste Disposal System

PET WASTE ELIMINATOR
6701 CONCORD PARK DR
HOUSTON, TX 77040-9802
PHONE: (800)780-8886
www.petwasteeliminator.com

SELECT DESIRED COLOR:
☐ BLACK
☐ GREEN

SELECT DESIRED FINES ON SIGN:
☐ 30-60 TO \$50.00 FINE
☐ NO FINE

SUPERIOR KIT INCLUDES:
1. 12" X 18" ALUMINUM SIGN
2. DISPENSER BOX
3. 10-GAL WASTE RECEPTACLE WITH ATTACHED LID
4. 3-MOUNTING HARDWARE SETS
EACH SET INCLUDES 2 NUTS, BOLTS AND WASHERS
5. 8" PET WASTE BAGS
6. 16" WASTE RECEPTACLE LUMBS

NOTES:
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5. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADDETAILS.COM/INTL AND ENTER REFERENCE NUMBER 508401

PET WASTE STATIONS
SUPERIOR PET WASTE ELIMINATOR STATION (E3)

A3 PET WASTE STATIONS
SCALE: NTS

1-800-BOLLARDS

The Bollard Experts

1-800-BOLLARDS
25691 ATLANTIC OCEAN DRIVE, SUITE B-5
LAKE FOREST, CA 92653
TOLL FREE: 1-800-BOLLARDS
PHONE: (800) 265-5273
www.1800bollards.com

SELECT DESIRED MATERIAL:
(6" NOMINAL SIZE)
☐ 304/30400 SCH 10 STAINLESS STEEL
☐ 304/30400 SCH 40 STAINLESS STEEL
☐ 304/30400 SCH 80 STAINLESS STEEL
☐ 304/30400 SCH 40 ASTM A-53 CARBON STEEL
☐ 304/30400 SCH 80 ASTM A-53 CARBON STEEL

SELECT DESIRED STAINLESS STEEL BOLLARD FINISH:
☐ POLISHED #4 FINISH
☐ AS SPECIFIED

SELECT DESIRED CARBON STEEL BOLLARD FINISH:
☐ POWERCOAT RAL # 1018
☐ AS SPECIFIED

SELECT DESIRED STAINLESS STEEL BOLLARD MATERIAL:
☐ TYPE 304
☐ TYPE 316

SELECT DESIRED BOLLARD CAP STYLE:
☐ DOME (SHOWN)
☐ STANDARD FLAT
☐ REVEAL
☐ SLOPED

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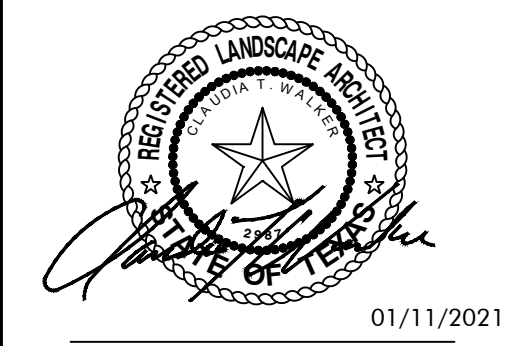
PADLOCK REMOVABLE BOLLARDS
6" PADLOCK REMOVABLE BOLLARD - PL CUTSHEET SIZE A FORM

A4 BOLLARD
SCALE: NTS

BURDITT
LAND | PLACE STUDIO
310 Longmire, Conroe, TX 77304
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ENLARGED
SITE PLAN

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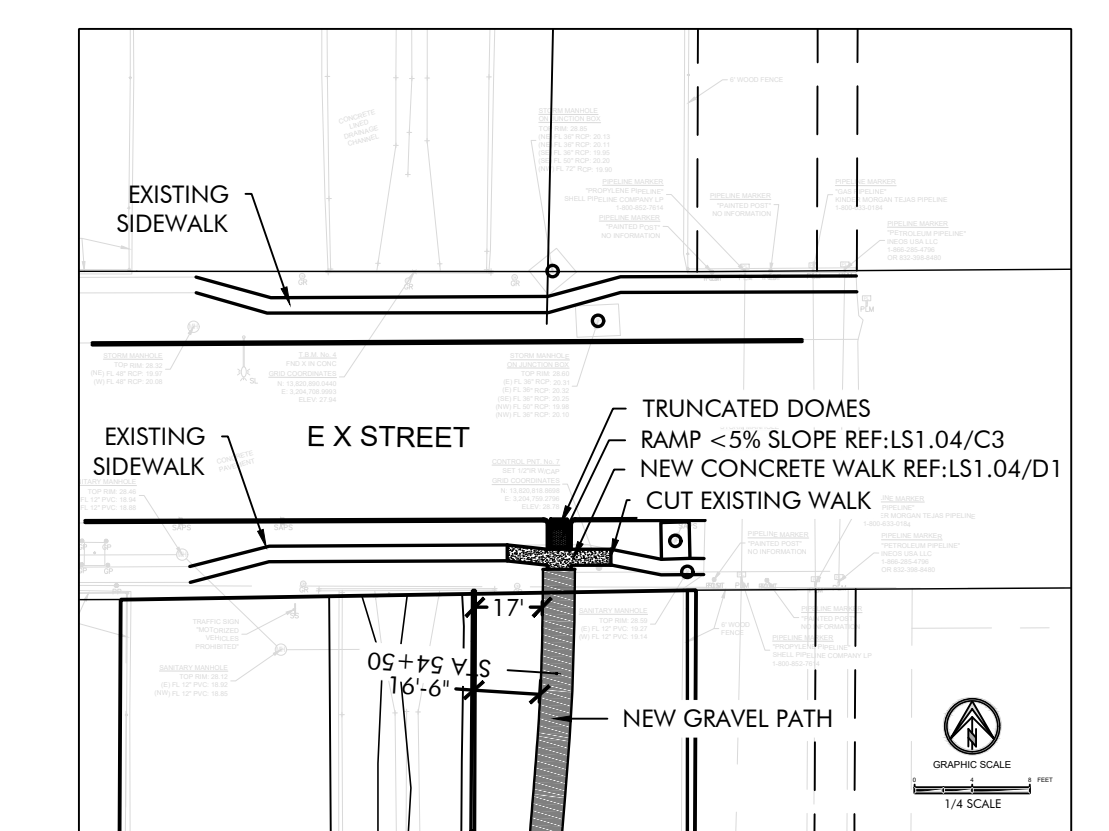
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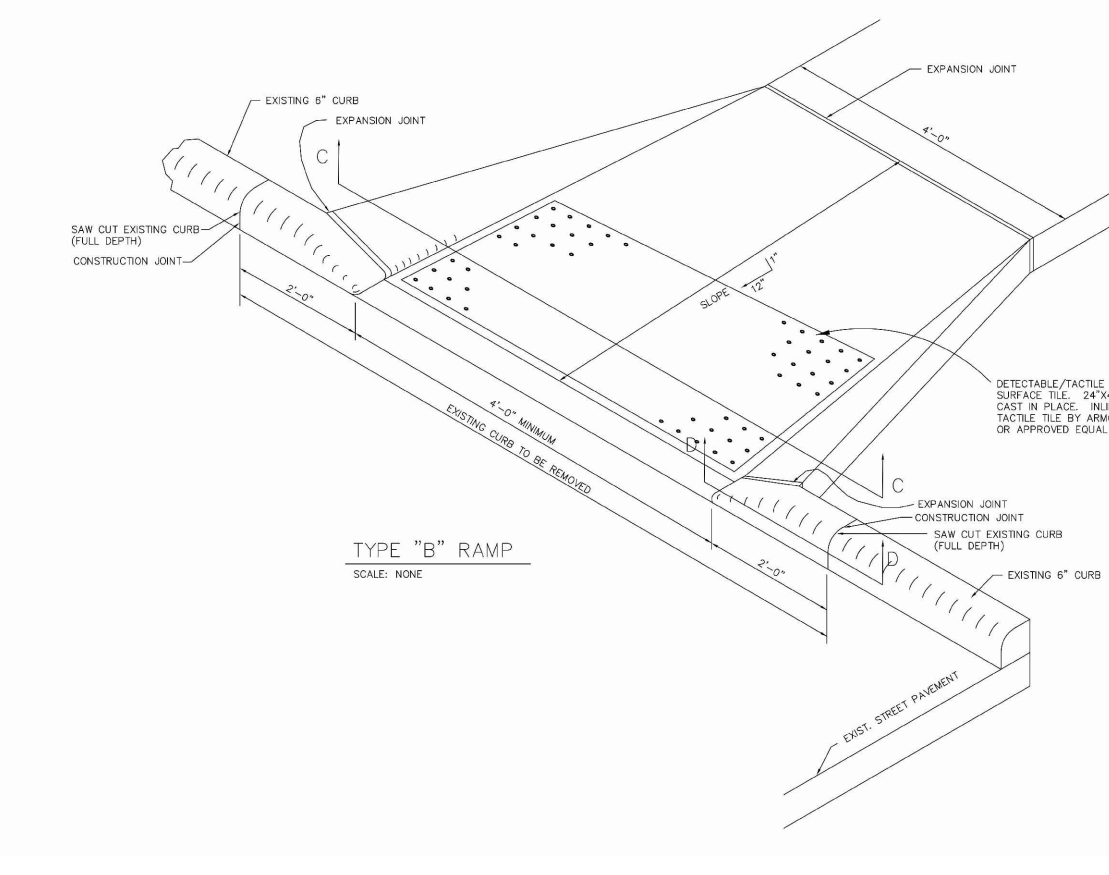
**SITE
DETAILS**

LS1.05

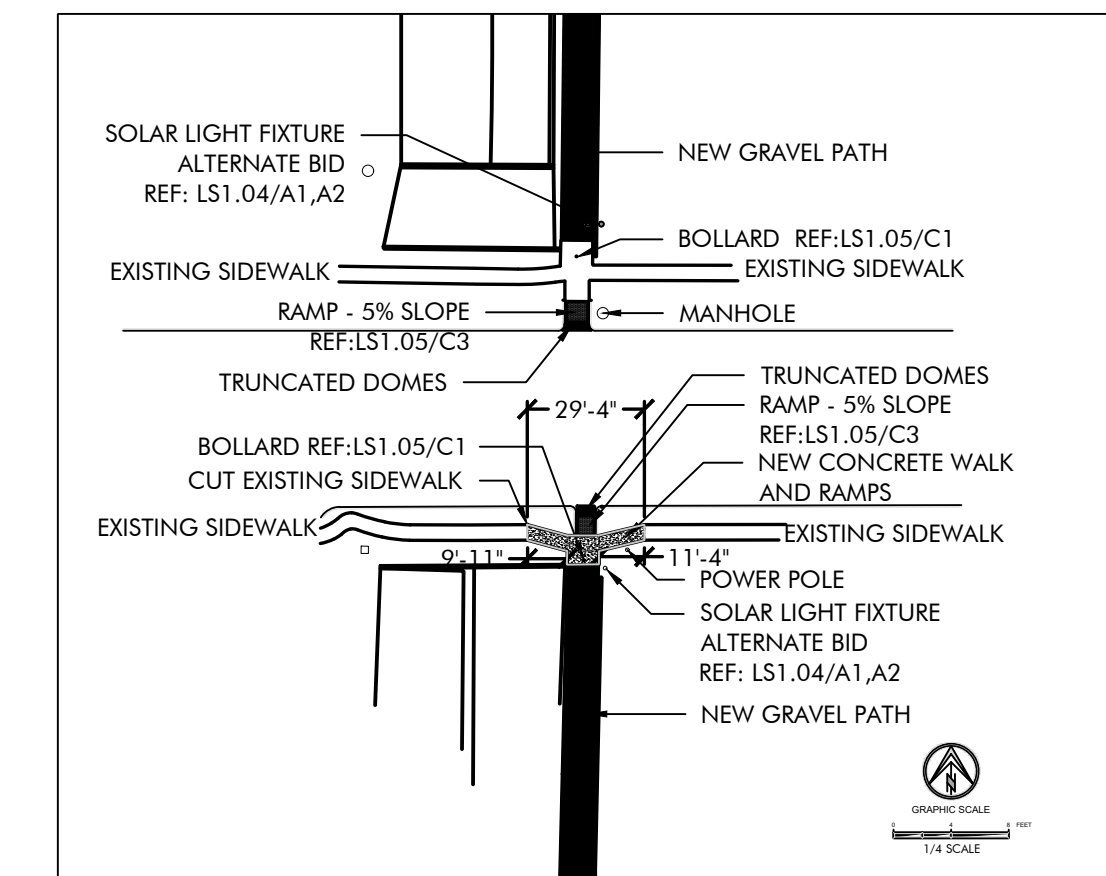
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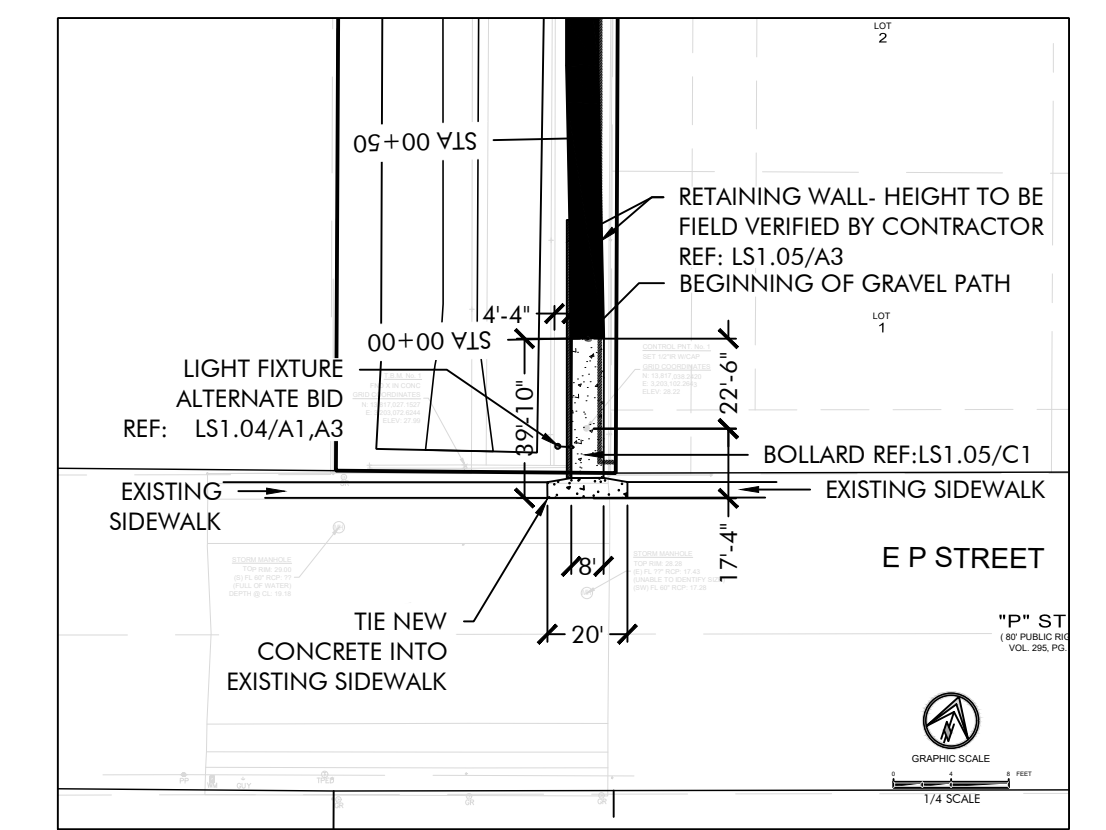
D5 TRANSITION DETAIL / EAST "X" STREET
SCALE: 1/4" = 1'-0"



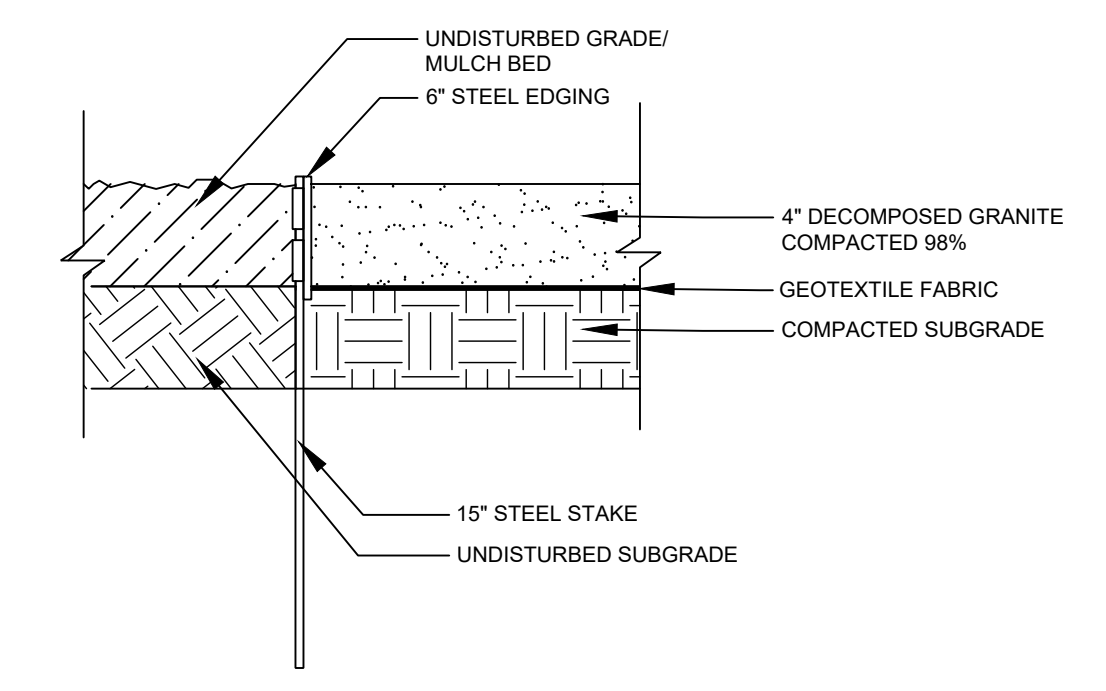
C5 ACCESSIBLE RAMP
PER CITY OF DEER PARK STANDARDS
SCALE: NTS



D4 CROSSWALK DETAIL / SAN AUGUSTINE
REFERENCE TRAFFIC STUDY BY
MIDTOWN ENGINEERS - SUBMITTED
WITH THESE PLANS
SCALE: 1/4" = 1'-0"

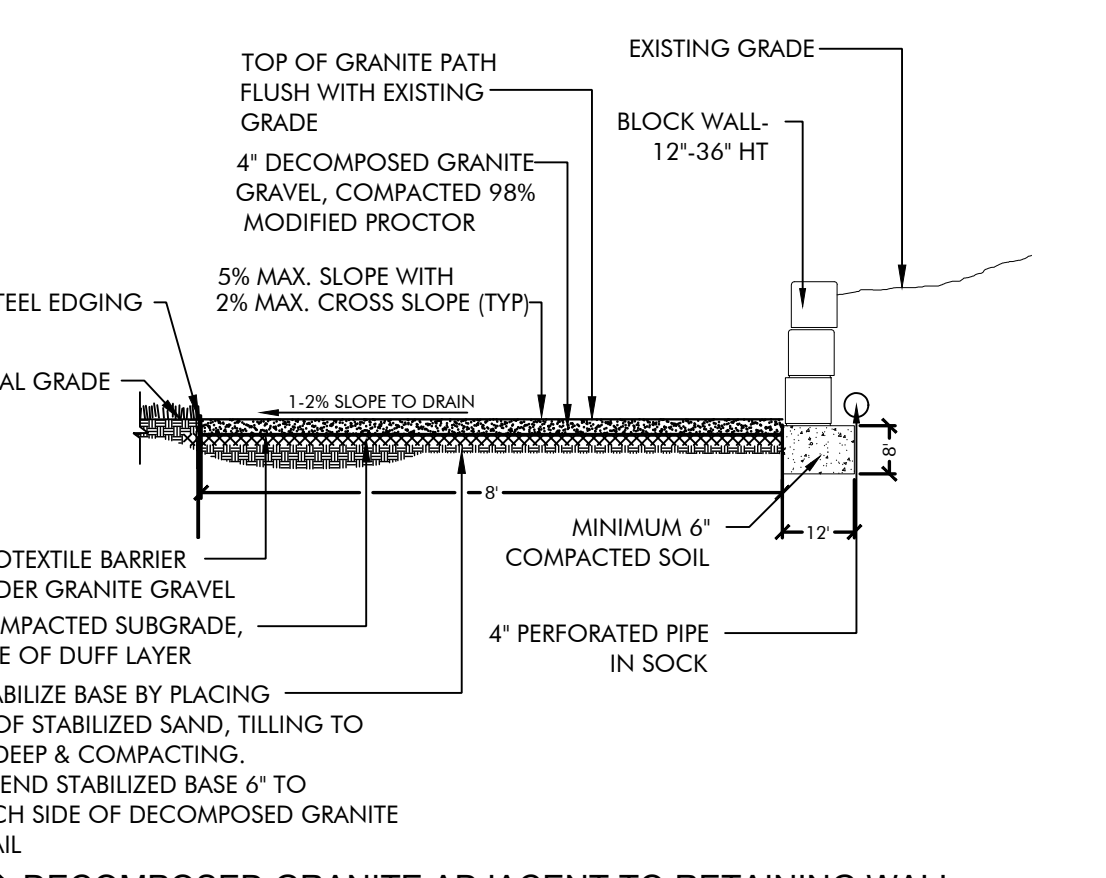


C4 TRANSITION DETAIL / EAST "P" STREET
SCALE: 1/4" = 1'-0"

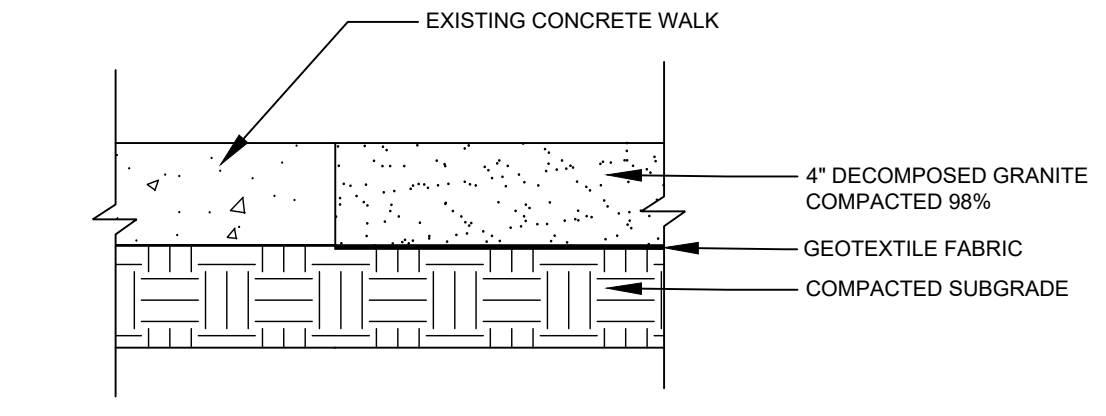


NOTES:
1. ACHIEVE COMPACTION WITH MECHANICAL ROLLING OR VIBRATORY COMPACTION EQUIPMENT.
2. HAND-TAMP ALONG EDGES, COLUMNS & FURNISHINGS.
3. MODIFY MOISTURE CONTENT OF D.G. AS REQUIRED TO ACHIEVE COMPACTION.
4. FINAL GRADES SHALL NOT VARY MORE THAN 1/2" FROM SPECIFIED GRADE & THICKNESS.
5. CONTRACTOR SHALL REMOVE ALL AGGREGATES LARGER THAN 3/8" FROM FINISHED SURFACE.

D3 DECOMPOSED GRANITE ADJACENT TO EXISTING GRADE
N.T.S.

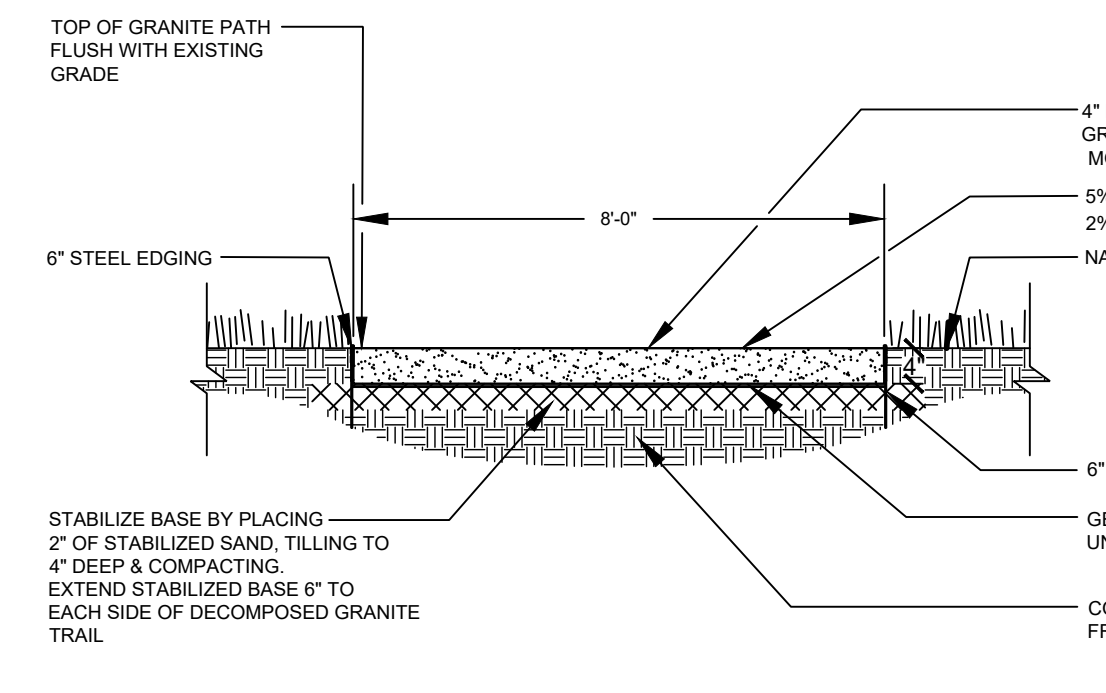


C3 DECOMPOSED GRANITE ADJACENT TO RETAINING WALL
N.T.S.



NOTES:
1. ACHIEVE COMPACTION WITH MECHANICAL ROLLING OR VIBRATORY COMPACTION EQUIPMENT
2. HAND-TAMP ALONG EDGES, COLUMNS & FURNISHINGS.
3. MODIFY MOISTURE CONTENT OF D.G. AS REQUIRED TO ACHIEVE COMPACTION
4. FINAL GRADES SHALL NOT VARY MORE THAN 1/2" FROM SPECIFIED GRADE & THICKNESS
5. CONTRACTOR SHALL REMOVE ALL AGGREGATES LARGER THAN 3/8" FROM FINISHED SURFACE

B4 DECOMPOSED GRANITE ADJACENT TO PAVING
N.T.S.



A4 DECOMPOSED GRANITE TRAIL
N.T.S.

ACCESSIBLE ROUTE GENERAL NOTES:

- THE DESIGN AND CONSTRUCTION OF ALL ELEMENTS OF PEDESTRIAN FACILITIES SHALL MEET THE CRITERIA ESTABLISHED IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.), AS PREPARED AND ADMINISTERED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION (DLR), UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL SLOPES SHOWN ARE MAXIMUM ALLOWABLE. THE CROSS SLOPE OF AN ACCESSIBLE ROUTE AND/OR LANDING MUST NOT EXCEED 1:50 (2%). ANY PART OF THE ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 (5%) SHALL BE CONSIDERED A RAMP.
- A MINIMUM WIDTH OF 36 INCHES SHALL BE PROVIDED FOR LANDINGS AROUND OBSTRUCTIONS (I.E. SIGN SUPPORTS, SIGNAL SUPPORTS, POLES, ETC.) LOCATED ADJACENT TO THE PEDESTRIAN ROUTE.
- MINIMUM 32 INCHES OF CLEARANCE IS REQUIRED FOR OBSTRUCTIONS LESS THAN 24 INCHES IN LENGTH, AND A MINIMUM 36 INCHES OF CLEARANCE IS REQUIRED FOR OBSTRUCTIONS GREATER THAN OR EQUAL TO 24 INCHES IN LENGTH.

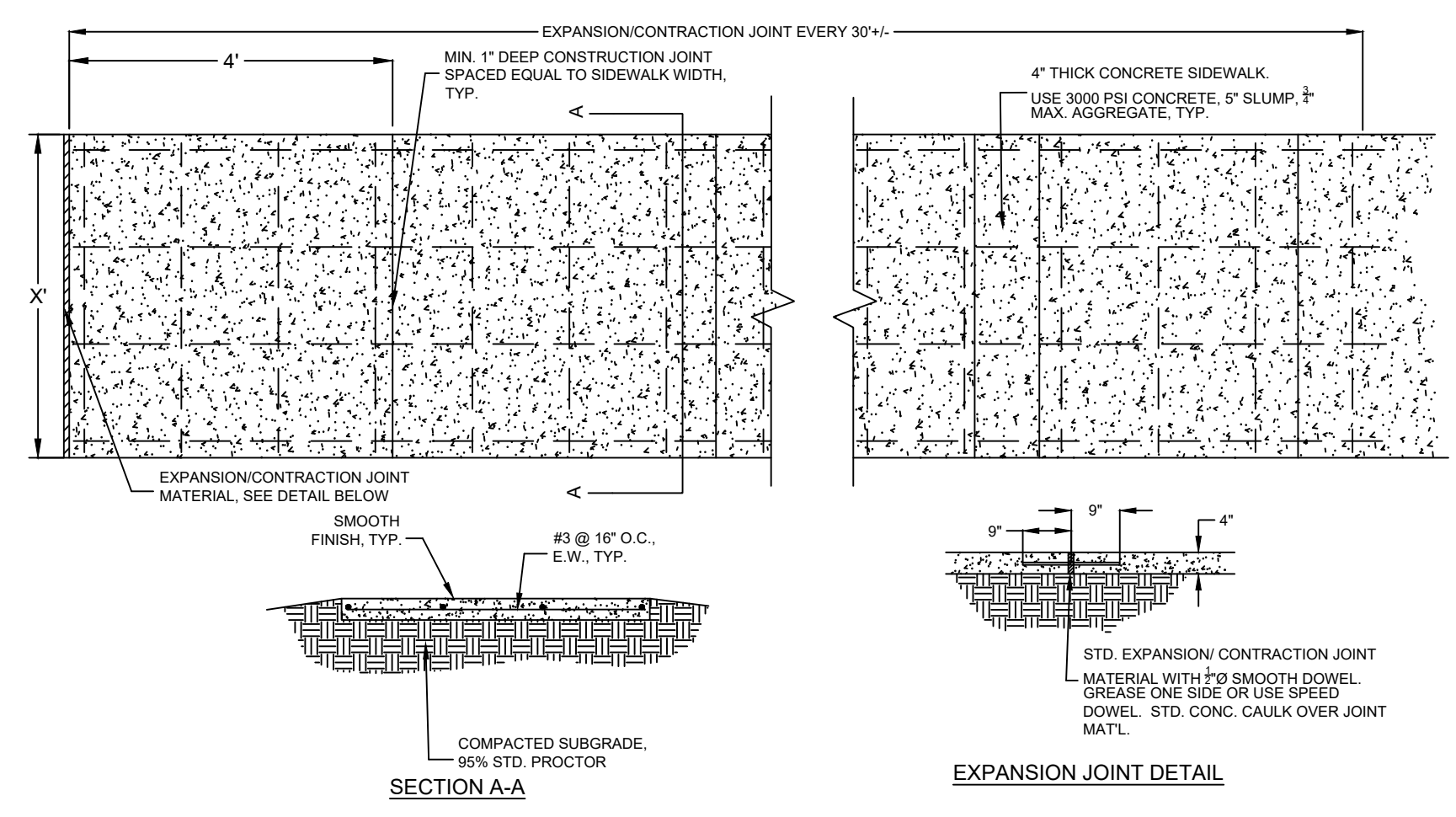
DECOMPOSED GRANITE

PRODUCE FROM NATURALLY FRIABLE GRANITE: BLENDS OF COURSE SAND AND ROCK DUST ARE NOT ACCEPTABLE.

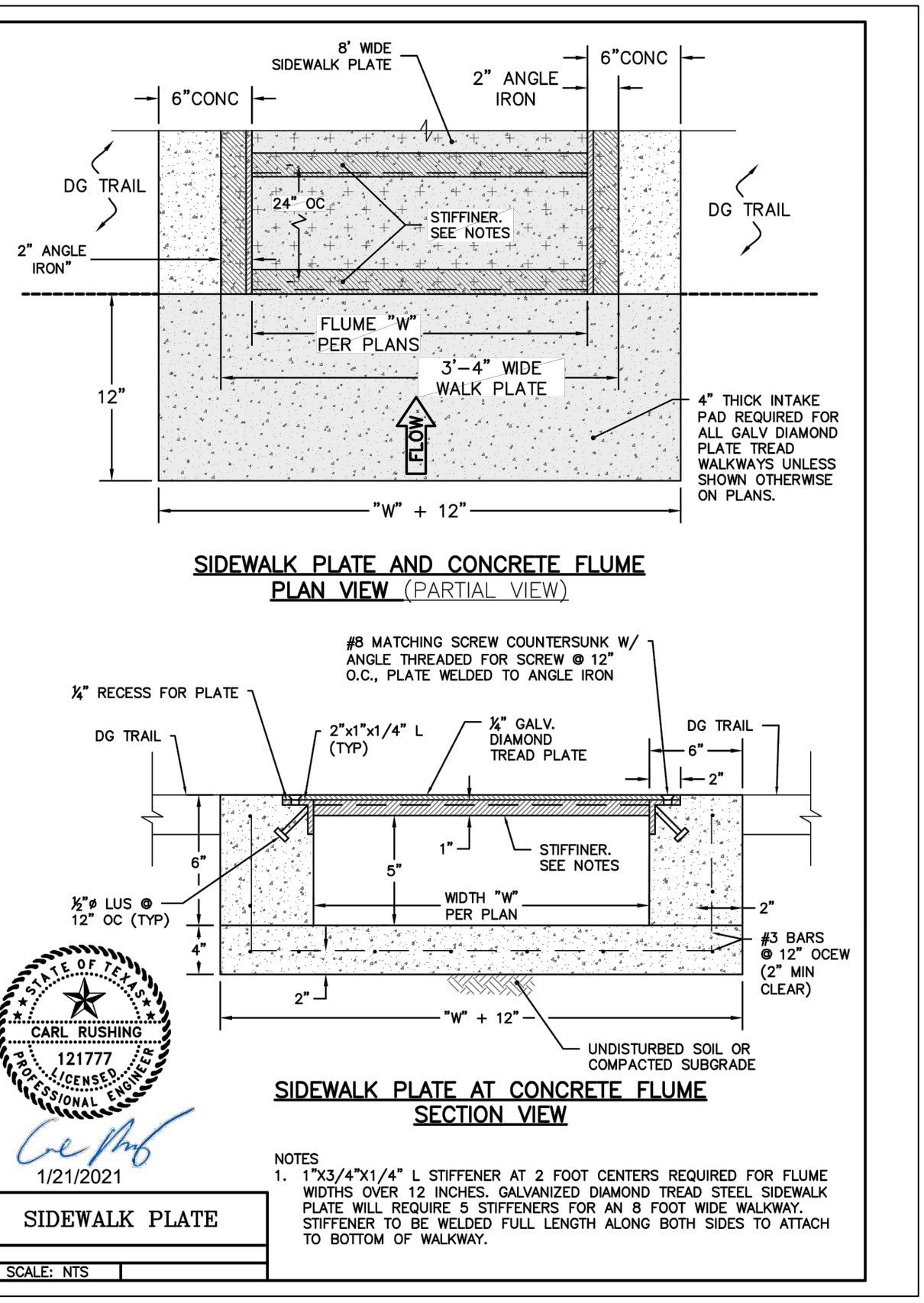
GRADATION, IN ACCORDANCE WITH ASTM C136:

SIEVE SIZE	PERCENT PASSING
1/2"	100
3/8"	90-100
NO. 4	50-100
NO. 30	25-55
NO. 100	10-20
NO. 200	5-18

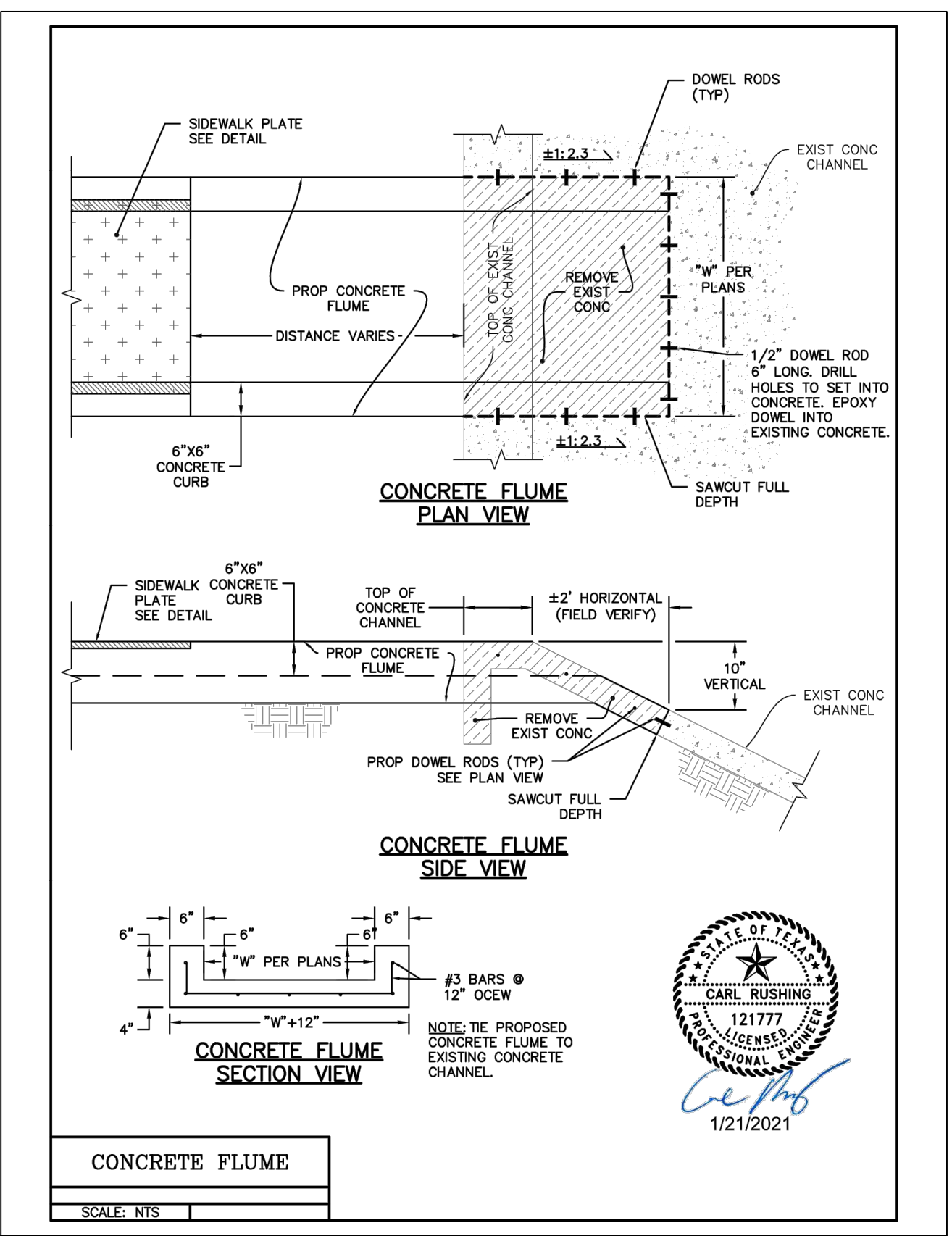
- NOTES:
- ACHIEVE COMPACTION WITH MECHANICAL ROLLING OR VIBRATORY COMPACTION EQUIPMENT.
 - HAND-TAMP ALONG EDGES, COLUMNS & FURNISHINGS.
 - MODIFY MOISTURE CONTENT OF D.G. AS REQUIRED TO ACHIEVE COMPACTION.
 - FINAL GRADES SHALL NOT VARY MORE THAN 1/2" FROM SPECIFIED GRADE & THICKNESS.
 - CONTRACTOR SHALL REMOVE ALL AGGREGATES LARGER THAN 3/8" FROM FINISHED SURFACE.



D1 CONCRETE SIDEWALK
SCALE: NTS



A1 METAL PLATE FOR WATER FLOW
N.T.S.



A2 CONCRETE FLUME
N.T.S.