

LANDSCAPE NOTES:

- LANDSCAPE INSTALLATION SHALL NOT BEGIN UNTIL SITE WALKDOWN WITH FPL LANDSCAPE ARCHITECT. CONTACT BOB BEAULIEU AT 561-904-3603 TO SCHEDULE APPOINTMENT.
- THE PLANS, DETAILS, D-SPECIFICATIONS AND SPECIFIC INSTRUCTIONS MAKE UP THE COMPLETE SET OF CONSTRUCTION DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL MATERIALS. ANY INTERPRETATIONS AND DISCREPANCIES IN PLANS, SPECIFICATIONS AND DETAILS ARE TO BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- ALL QUANTITIES SHOWN ON THE PLANT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY AND INSTALL ALL ITEMS AS SHOWN ON THE PLANS.
- ALL PLANT MATERIALS TO MEET OR EXCEED FLORIDA #1 REQUIREMENTS AS SET FORTH IN THE LATEST EDITION OF "GRADES AND STANDARDS FOR NURSERY PLANTS" PREPARED BY THE DIVISION OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY.
- CONTRACTOR TO CALL SUNSHINE ONE CALL SERVICE FOR UNDERGROUND UTILITY LOCATIONS 48 HOURS PRIOR TO ANY EXCAVATION OR DIGGING--800-432-4770.
- ROOT BALL SIZES ARE SHOWN AS A CONVENIENCE FOR THE MINIMAL ACCEPTABLE ROOTBALL FOR PLANT VITALITY. OVERALL HEIGHT OF PLANT IS THE OVERRIDING SPECIFICATION TO DETERMINE PRICE.
- ALL PLANT MATERIAL SHALL BE PRUNED, IF NEEDED, TO ACHIEVE THE SHAPE AND FORM CHARACTERISTIC TO THEIR GROWTH HABITS AND TO ACHIEVE FLORIDA #1 QUALITY.
- ALL ROOTBALLS SHALL BE PRUNED/SHAVED, IF NEEDED, TO ELIMINATE CIRCLING OR PLUNGING ROOTS.
- ALL PLANT BEDS SHALL BE SHAPED AND CONTOURED TO PROVIDE PROPER DRAINAGE.
- ALL WORK SHOWN SHALL BE CONSTRUCTED ACCORDING TO FPL STANDARD SPECIFICATION D-15.

STAKING NOTES:

- THE USE OF METAL STAKES, GUYS OR OTHER ITEMS IS PROHIBITED ON SUBSTATION SITE DUE TO ENERGIZED EQUIPMENT AND OVERHEAD LINES.
- PLASTIC STRAPPING OR TIES OF ANY KIND ARE NOT TO BE USED IN CONTACT WITH TREES. IF UTILIZING STRAPPING USE BIODEGRADABLE TWINE OR STRAPPING IN CONTACT OF TREE TRUNKS.
- REMOVE ALL PLASTIC IN CONTACT WITH TREES TRUNKS AND BRANCHES.

SOD NOTES:

- ALL AREAS NOT COVERED BY MULCH, PAVING OR GRAVEL SHALL BE SODDED WITH SOD TYPE SPECIFIED IN PLANT SCHEDULE.
- ALL SODDING SHALL BE PER FPL STANDARD SPECIFICATION D-2

MULCH NOTES:

- 3" OF NON-CYPRESS SHREDDED WOOD MULCH TO BE APPLIED 3" OFF OF TREE TRUNKS.

IRRIGATION NOTES:

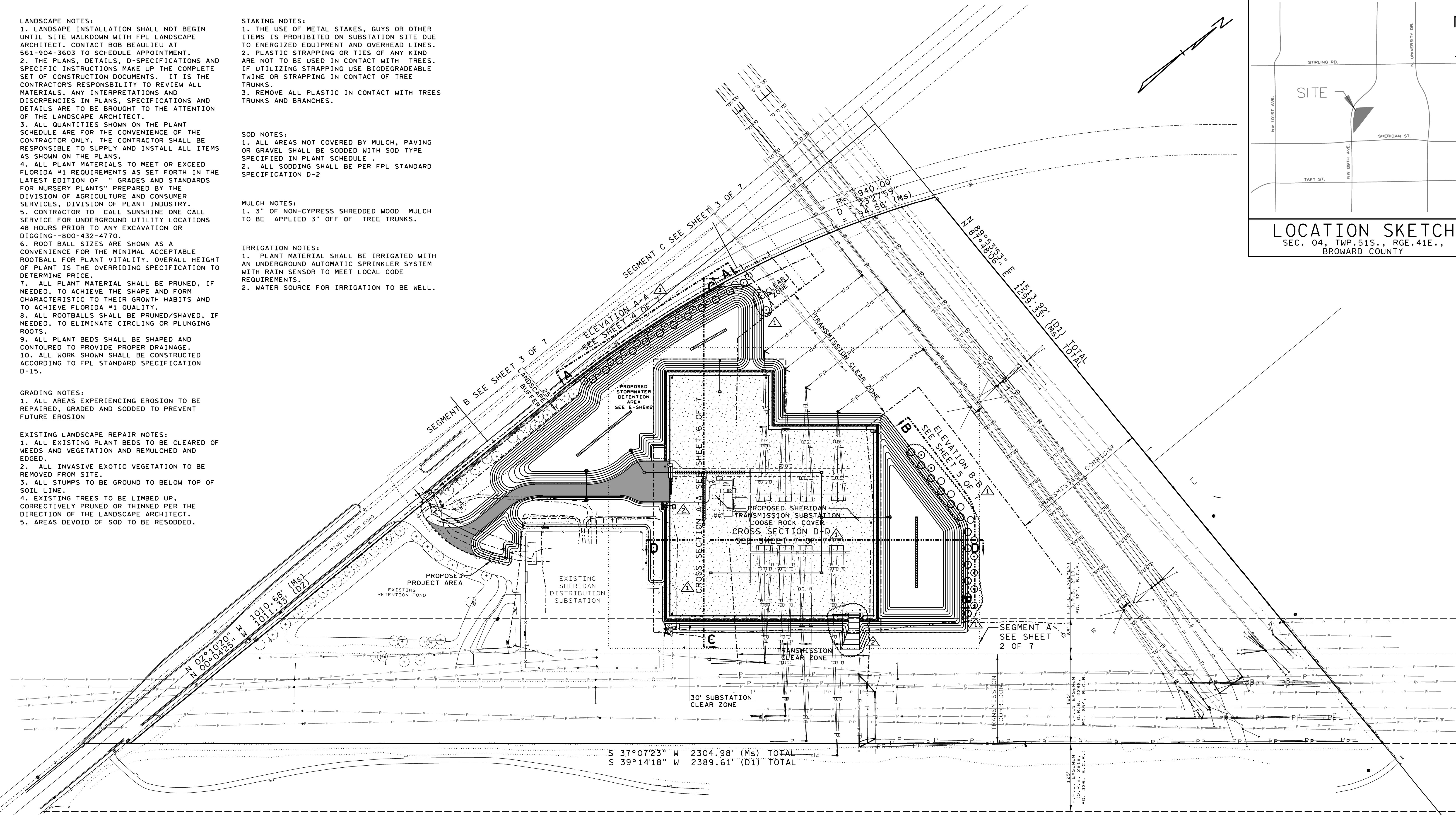
- PLANT MATERIAL SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC SPRINKLER SYSTEM WITH RAIN SENSOR TO MEET LOCAL CODE REQUIREMENTS.
- WATER SOURCE FOR IRRIGATION TO BE WELL.

GRADING NOTES:

- ALL AREAS EXPERIENCING EROSION TO BE REPAIRED, GRADED AND SODDED TO PREVENT FUTURE EROSION

EXISTING LANDSCAPE REPAIR NOTES:

- ALL EXISTING PLANT BEDS TO BE CLEARED OF WEEDS AND VEGETATION AND REMULCHED AND EDGED.
- ALL INVASIVE EXOTIC VEGETATION TO BE REMOVED FROM SITE.
- ALL STUMPS TO BE GROUND TO BELOW TOP OF SOIL LINE.
- EXISTING TREES TO BE LIMBED UP, CORRECTLY PRUNED OR THINNED PER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
- AREAS DEVOID OF SOD TO BE RESODDED.



S 37°07'23" W 2304.98' (Ms) TOTAL
S 39°14'18" W 2389.61' (D1) TOTAL

LANDSCAPE TABULAR SITE INFORMATION

PROPERTY INFORMATION:

TOTAL PROPERTY AREA:	29.75 ACRES
EXISTING SUBSTATION AND DRY/WET DETENTION AREA:	3.85 ACRES
PROJECT AREA:	8.00 ACRES

TREE REQUIREMENTS:

REQUIRED TREES (1 TREE/ 1500 SF):	233 TREES
TREES PROVIDED:	25 TREES*
STREET SWALE TREES:	NO SWALE AVAILABLE
TREE SPECIES MIX REQUIRED:	5 SPECIES
TREES SPECIES MIX PROVIDED:	2 SPECIES**

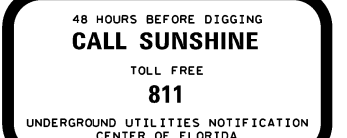
BUFFER REQUIREMENTS:

PINE ISLAND ROAD BUFFER WIDTH REQUIRED/PROVIDED:	25 FEET
PINE ISLAND ROAD BUFFER BERM REQUIRED/PROVIDED:	42 INCHES
TREE REQUIREMENT REQUIRED AND PROVIDED (1 TREE/ 30 LF):	25 TREES
REQUIRED TREE HEIGHT:	15' OA HT
PROVIDED TREE HEIGHT:	18' OA HT
REQUIRED/PROVIDED SHRUB REQUIREMENT:	40/40 LF
REQUIRED SHRUB HEIGHT:	12-24" OA HT
PROVIDED SHRUB HEIGHT:	42" OA HT

NOTES:

- *: DUE TO REQUIRED ELECTRICAL CLEARANCES ON SITE, TOTAL TREE REQUIREMENT CANNOT BE MET.
- ** : DUE TO LIMITED AREA FOR PLANTING, BUFFER WAS LIMITED TO 2 SPECIES TO PROVIDE CONTINUITY WITH EXISTING BUFFER.

FOR PERMITTING



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SURVEY INFO PROVIDED BY:
AVIROM & ASSOCIATES, INC.
505.W.2nd AVE., SUITE 102
BOCA RATON, FL 33432
(561)392-2594 DATE: 02-12-2024

ER NO	DATE	REVISION	BY	CH	COR	APP
2	07-23-24	CBWCD COMMENT ADDED, IRR. WELL & PUMP STATION LOCATION	PL			
1	06-11-24	REV'D, ADDED EAST GATE	PL			
		REV'D PER CITY COMMENTS	PL			

DATE 04-01-24 SCALE 0 80 120 160 240

POWER DELIVERY

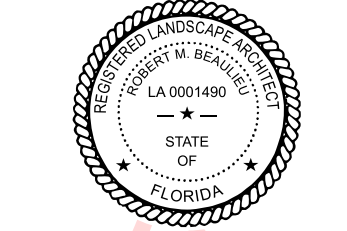
DR LASALDE ER
CH COR
APPROVED

**SHERIDAN TRANSMISSION
SUBSTATION LANDSCAPE
OVERALL PLAN**

(SU, G, PP)

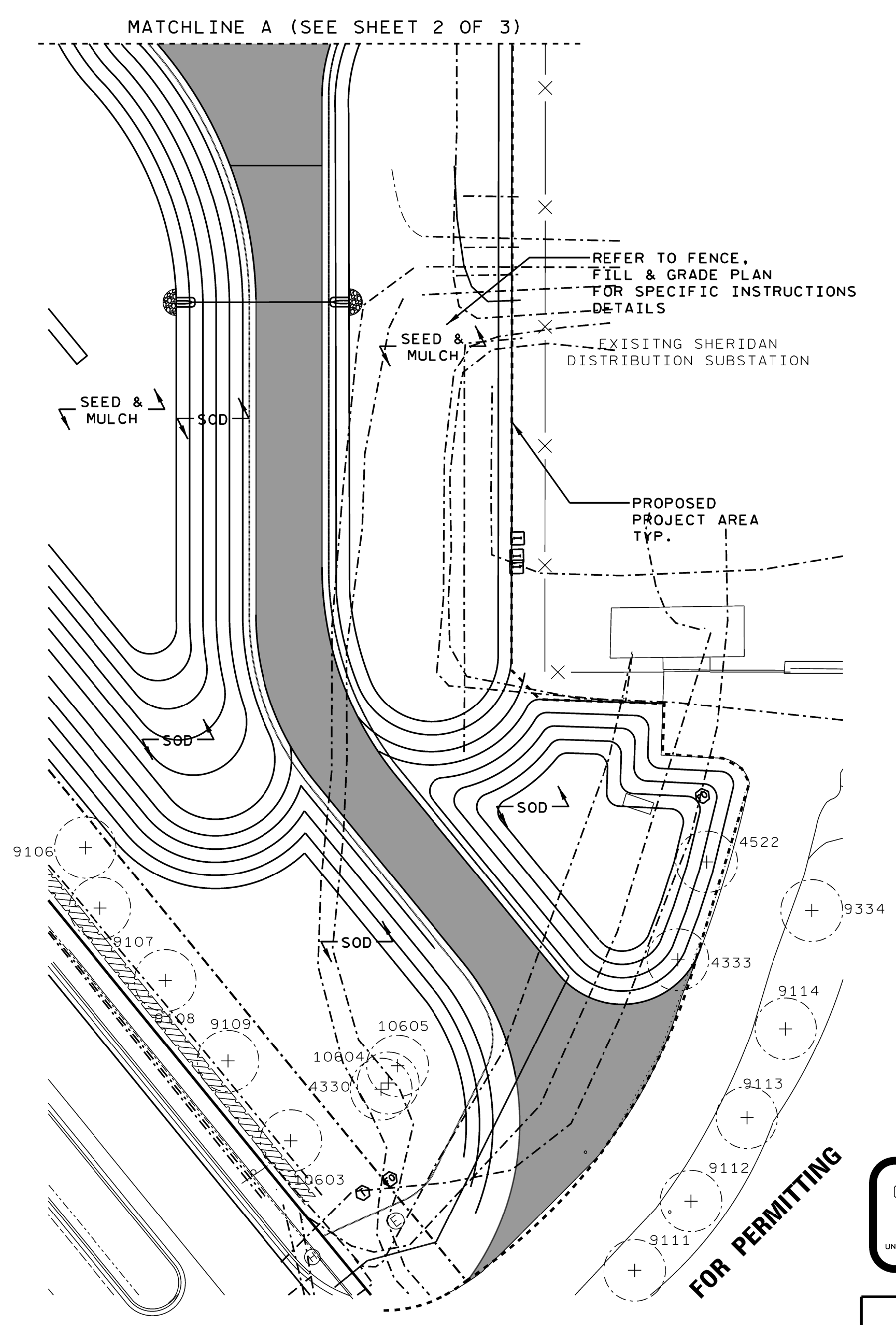
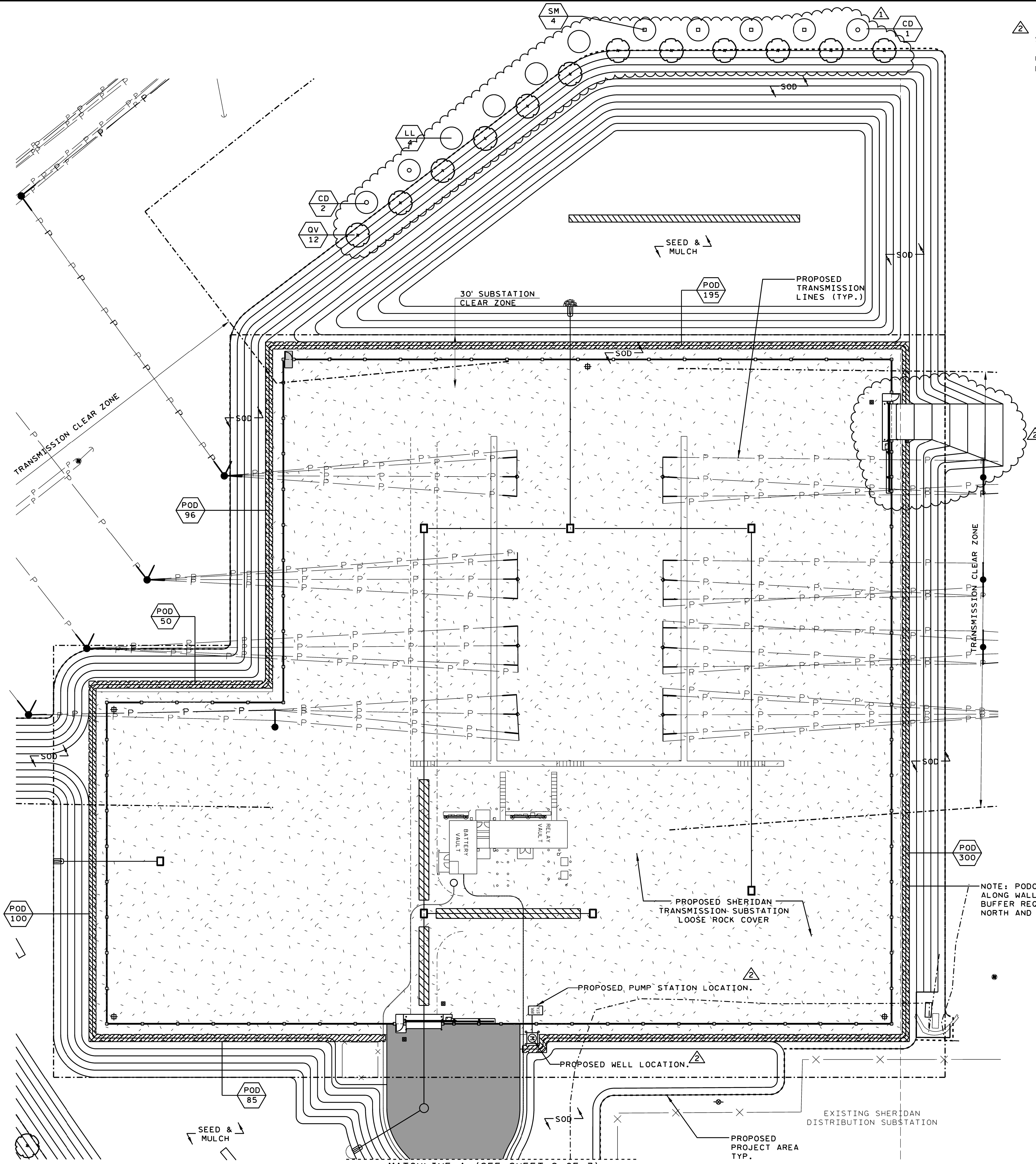
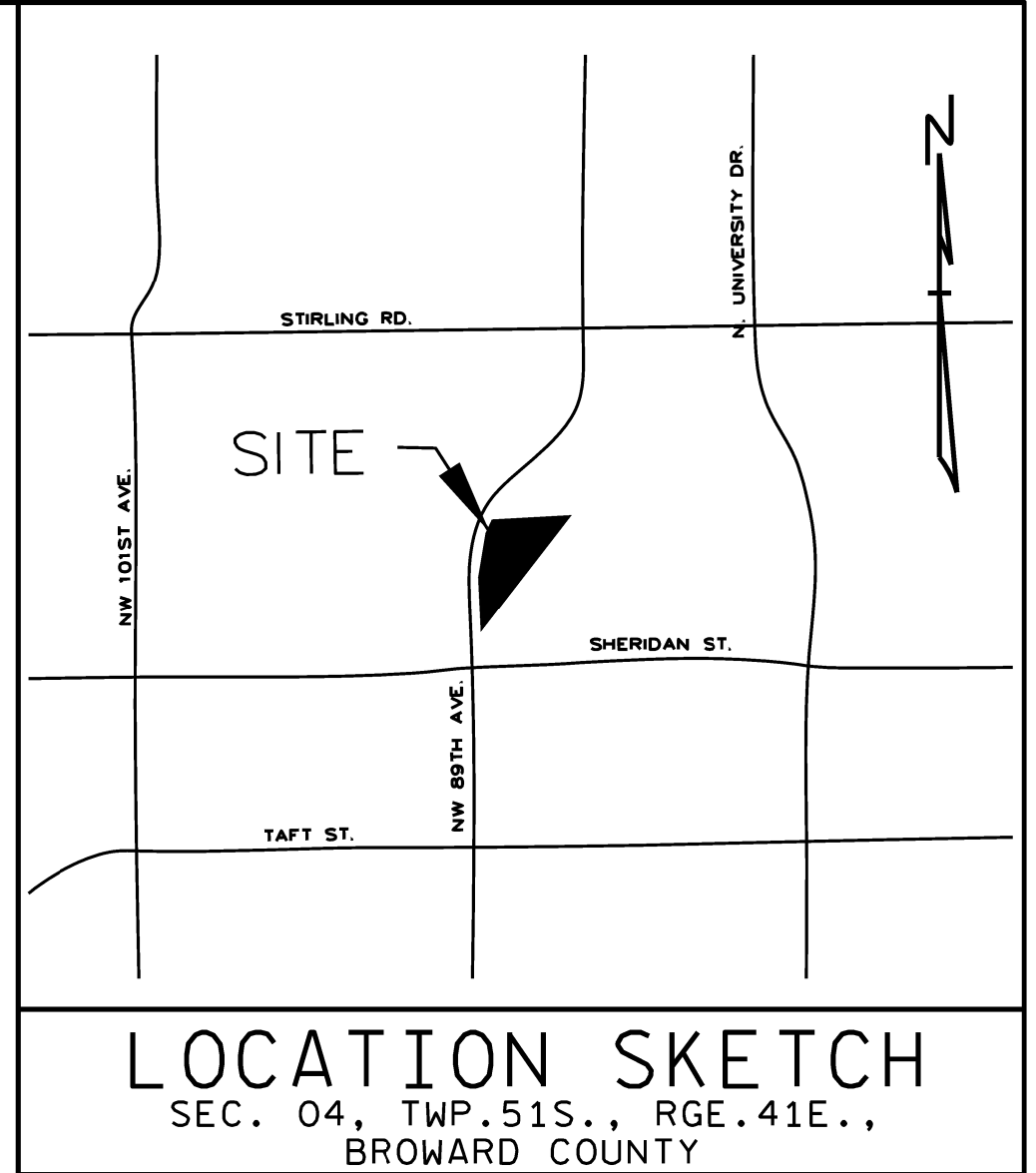
SHEET 1 OF 7
E - SHE04

REV NO 2



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Robert M. Beaulieu
Date: 2024.08.08
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*NOTE: THE LIMITS OF ANY EASEMENT TO BE DEDICATED TO THE DISTRICT SHALL BE STAKED PRIOR TO INSTALLING TREES TO BE LOCATED WITHIN THREE (3) FEET OF A DISTRICT EASEMENT. THE STAKES SHALL REMAIN IN PLACE UNTIL THE SITE OR LANDSCAPE CONTRACTOR VERIFIES THE INTENDED PLANT LOCATION DOES NOT ENCROACHMENT INTO A DISTRICT EASEMENT



NOTE: PODOCARPUS HEDGE ALONG WALL TO SATISFY BUFFER REQUIREMENTS ALONG NORTH AND EAST BUFFERS

ER NO	DATE	REVISION	BY	CH	COR	APP
2	07-23-24	CBWCD COMMENT ADDED, IRR. WELL & PUMP STATION LOCATION	PL			
1	06-11-24	REV'D, ADDED EAST GATE	PL			
		REV'D PER CITY COMMENTS	PL			

DATE 04-01-24 SCALE 0 30 45 60 90

POWER DELIVERY

DR LASALDE ER
CH COR
APPROVED

SHERIDAN TRANSMISSION SUBSTATION LANDSCAPE PLAN

(SU, G, PP)

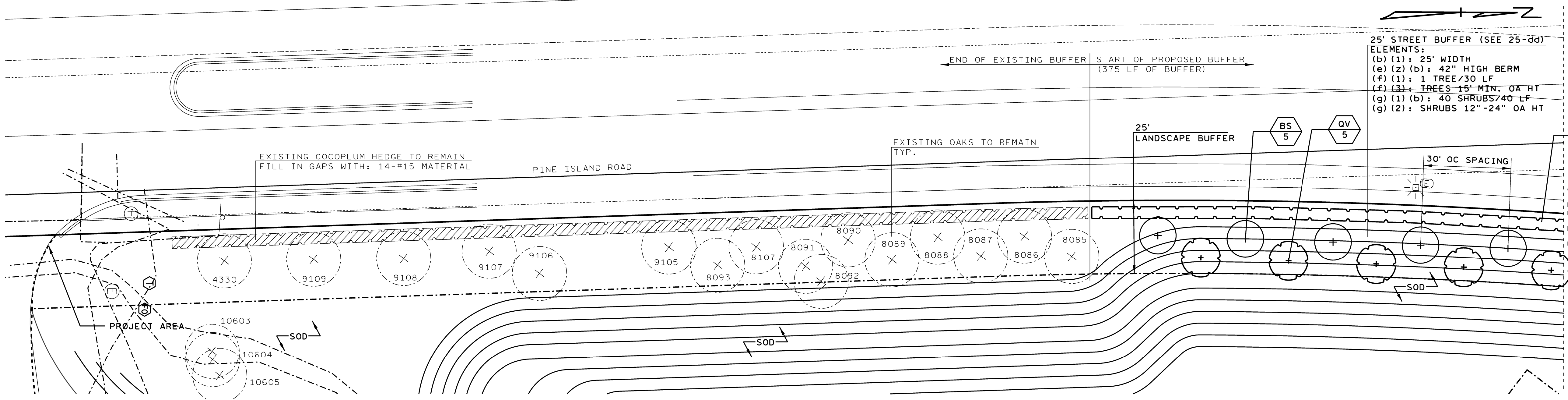
SHEET 2 OF 7
E - SHE04

REV NO 2

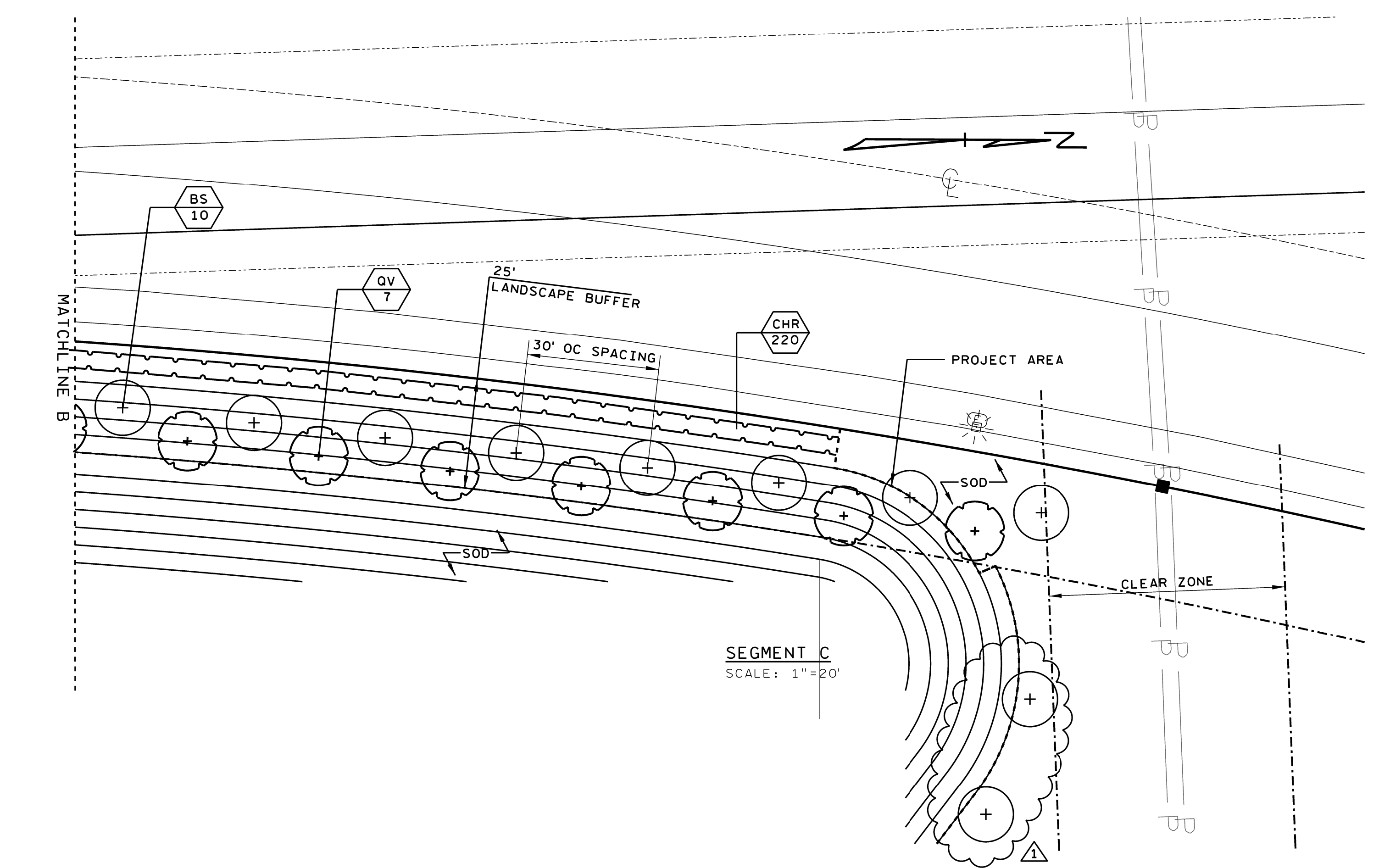
48 HOURS BEFORE DIGGING CALL SUNSHINE TOLL FREE 811 UNDERGROUND UTILITIES NOTIFICATION CENTER OF FLORIDA

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LA 0001496
STATE OF FLORIDA
ENGINEER

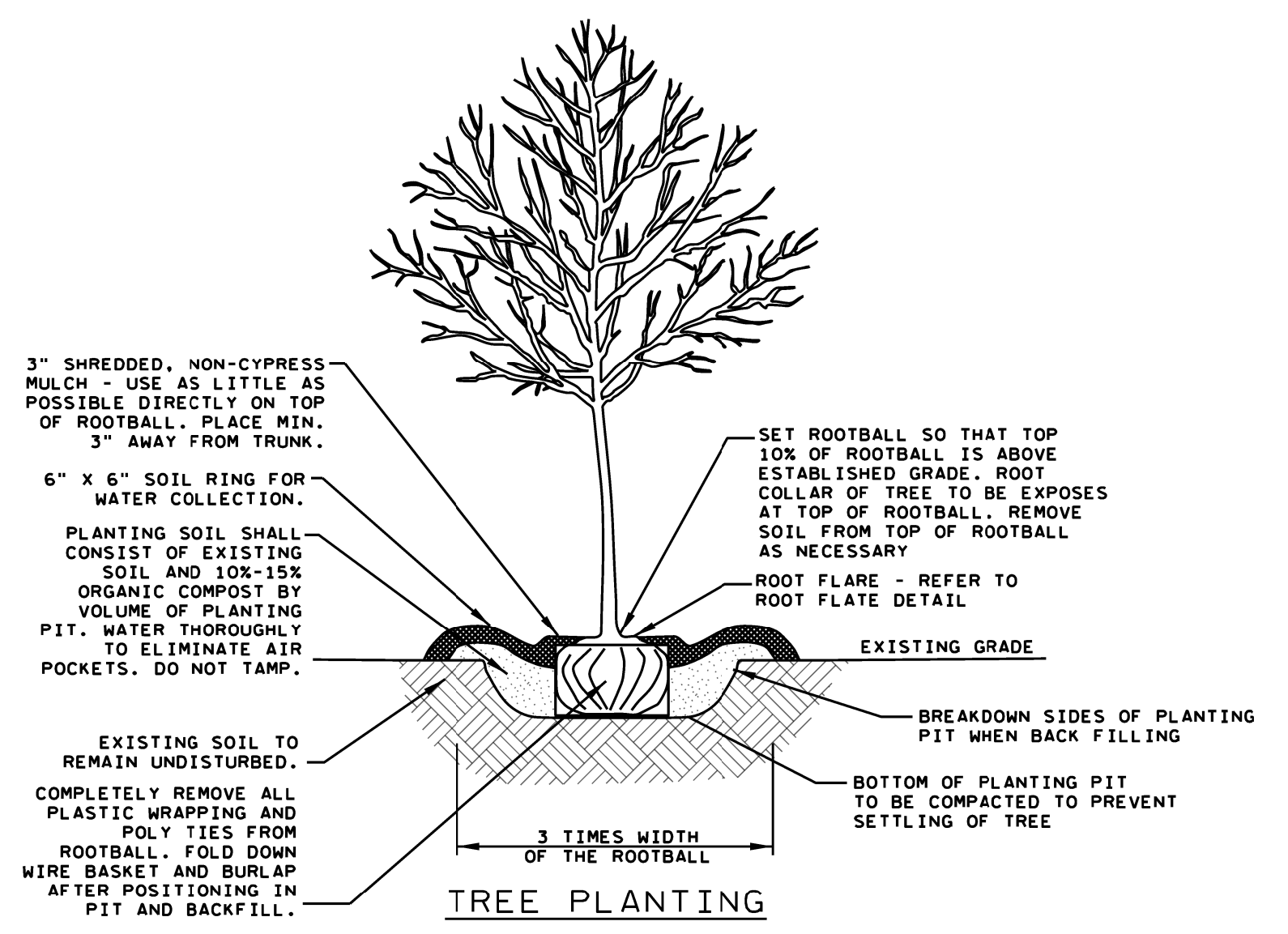
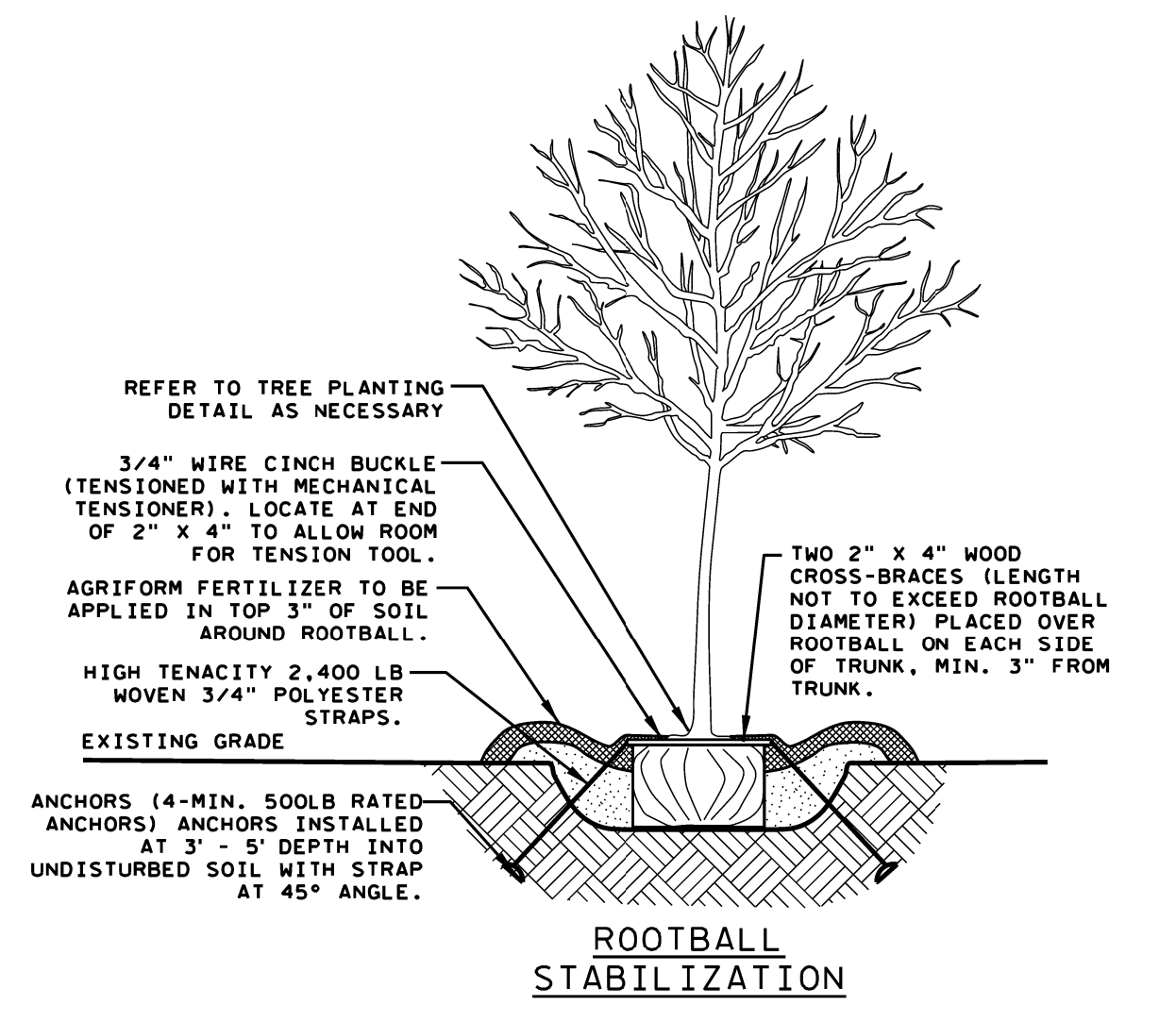
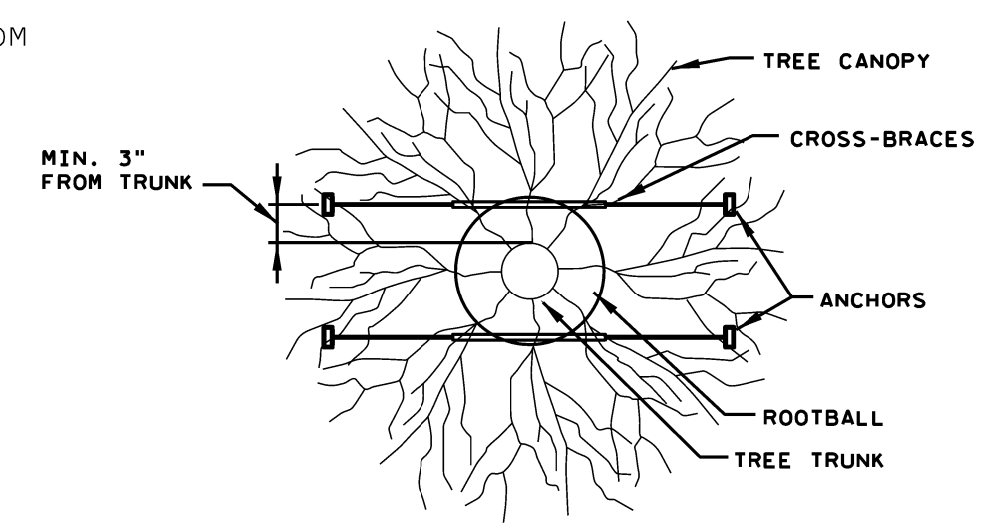


SEGMENT B
SCALE: 1"=20'

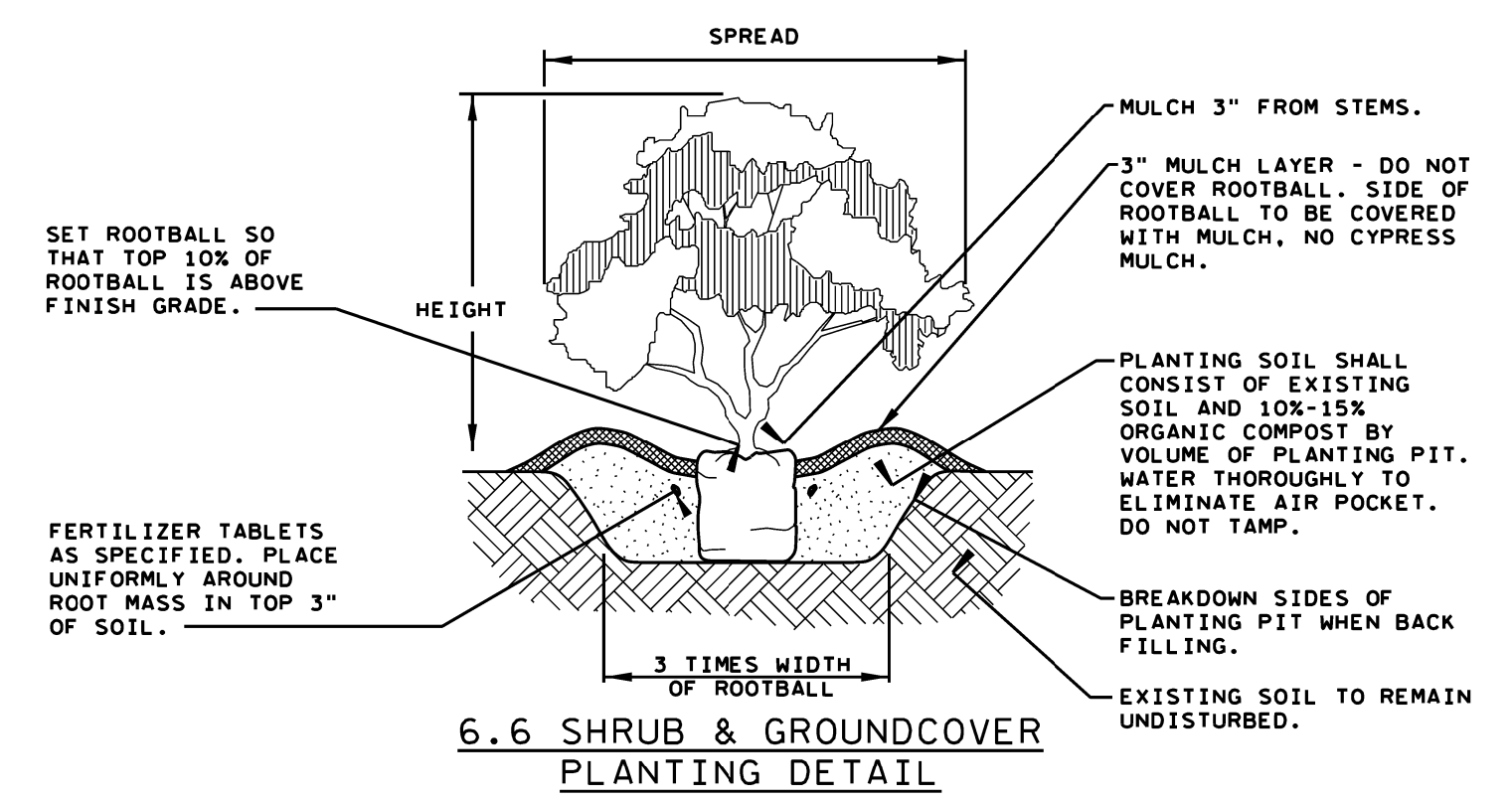


SEGMENT C
SCALE: 1"=20'

25' STREET BUFFER (SEE 25-dd)
ELEMENTS:
(b) (1): 25' WIDTH
(e) (2) (b): 42" HIGH BERM
(f) (1): 1 TREE/30 LF
(f) (3): TREES 15' MIN. OA HT
(g) (1) (b): 40 SHRUBS/40 LF
(g) (2): SHRUBS 12"-24" OA HT



NOTES:
1. NO METAL TACKS TO BE USED AS TREE SUPPORTS.
2. REMOVE ALL PLASTIC IN CONTACT WITH TREE TRUNK AND BRANCHES.
3. USE ONLY BIODEGRADABLE MATERIALS WHEN IN CONTACT WITH TREE.
4. ENSURE ROOT FLARE IS VISIBLE. REFER TO ROOT FLARE DETAIL.



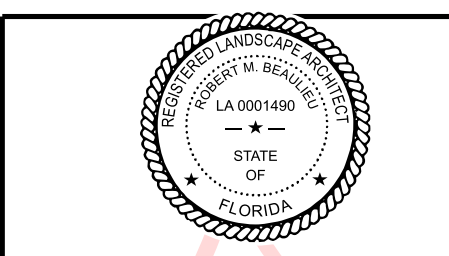
PLANTING SCHEDULE:

QTY.	SYM.	BOTANICAL NAME	COMMON NAME	NATIVE SPECIES	INSTALLED CAL	INSTALLED HT	SPD	MINIMUM ROOTBALL	C. T.	O. C. SPACING	REMARKS
TREES											
15	BS	BURSERIA SIMARUBA	GUMBO LIMBO	Y	7"	18'	11'	B&B- 60"	7'	30'	FULL/THICK; SINGLE LEADER; NO CIRCLING ROOTS
3	CD	COCOLOBO DIVERSIFOLIA	PIGEON PLUM	Y	6"	15'	8'	B&B-52"	6'	30'	FULL/THICK; SINGLE LEADER; NO CIRCLING ROOTS
4	LL	LYSOLOMA LATISILQUUM	FALSE TAMARIND	Y	5"	15'	8'	B&B-44"	6'	30'	FULL/THICK; SINGLE LEADER; NO CIRCLING ROOTS
24	QV	QUERCUS VIRGINIANA	LIVE OAK	Y	7"	18'	11'	B&B-60"	7'	30'	FULL/THICK; SINGLE LEADER; NO CIRCLING ROOTS
4	SM	SWIETINA MAHAGONI	MAHOGANY	Y	7"	18'	11'	B&B-60"	7'	30'	FULL/THICK; SINGLE LEADER; NO CIRCLING ROOTS
SHRUBS											
826	CHR	CHRYSOBALANUS ICACO 'RED TIP'	RED-TIPPED COCOPLUM	Y	N/A	42"	24"	#15	N/A	24" double row	FULL/THICK TO BASE; NO CIRCLING ROOTS
430	POD	PODOCARPUS MACROPHYLLUS	PODOCARPUS	N	N/A	6"	24"	#25	N/A	24"	FULL/THICK TO BASE; NO CIRCLING ROOTS
SOD											
	SOD	PASPALUM NOTATUM 'ARGENTINE'	ARGENTINE BAHIA SOD	N	N/A	N/A	N/A	N/A	N/A	N/A	SOLID SOD; WELL-FORMED PADS; FIELD-VERIFY

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FOR PERMITTING

48 HOURS BEFORE DIGGING
CALL SUNSHINE
TOLL FREE
811
UNDERGROUND UTILITIES NOTIFICATION
CENTER OF FLORIDA



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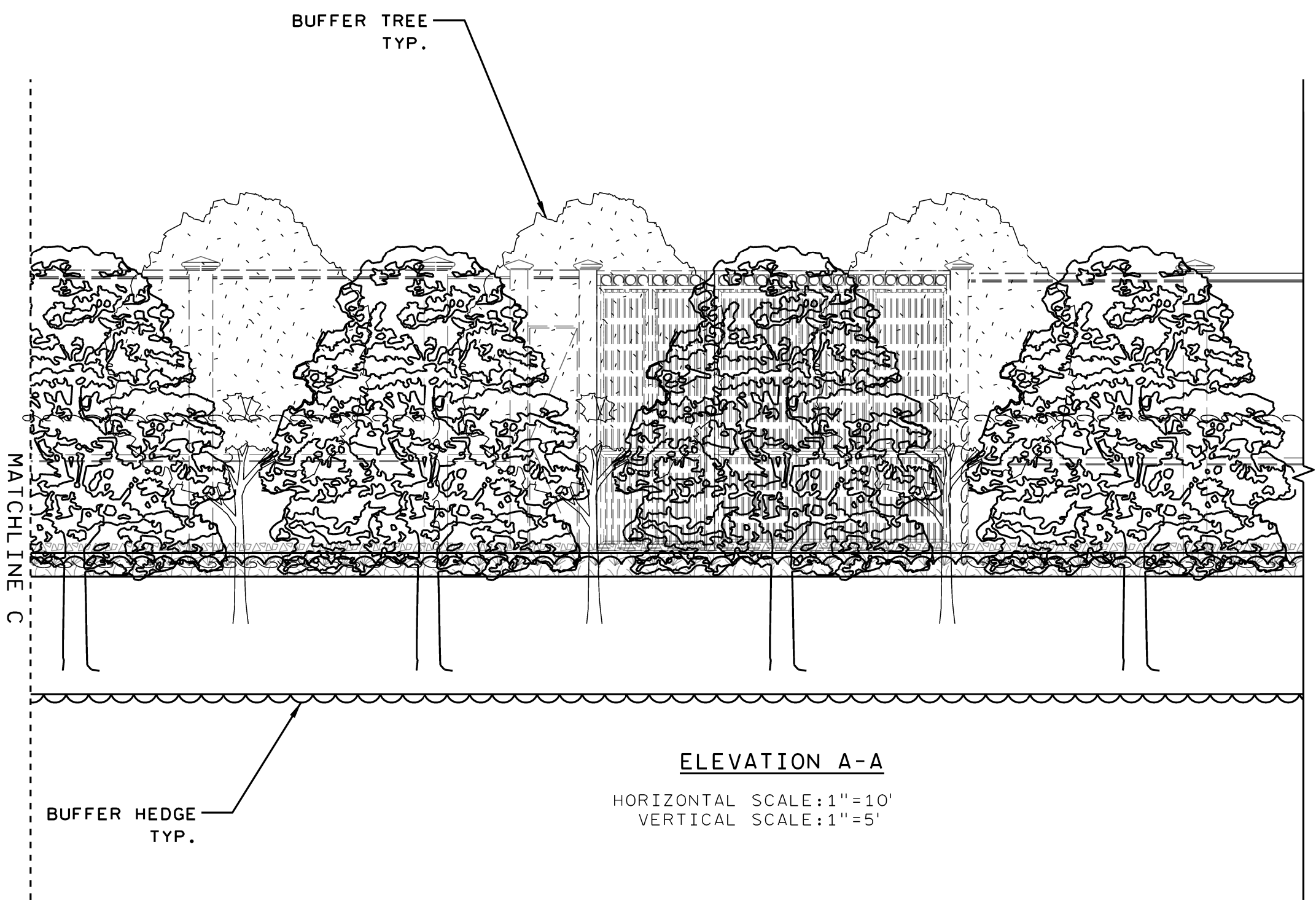
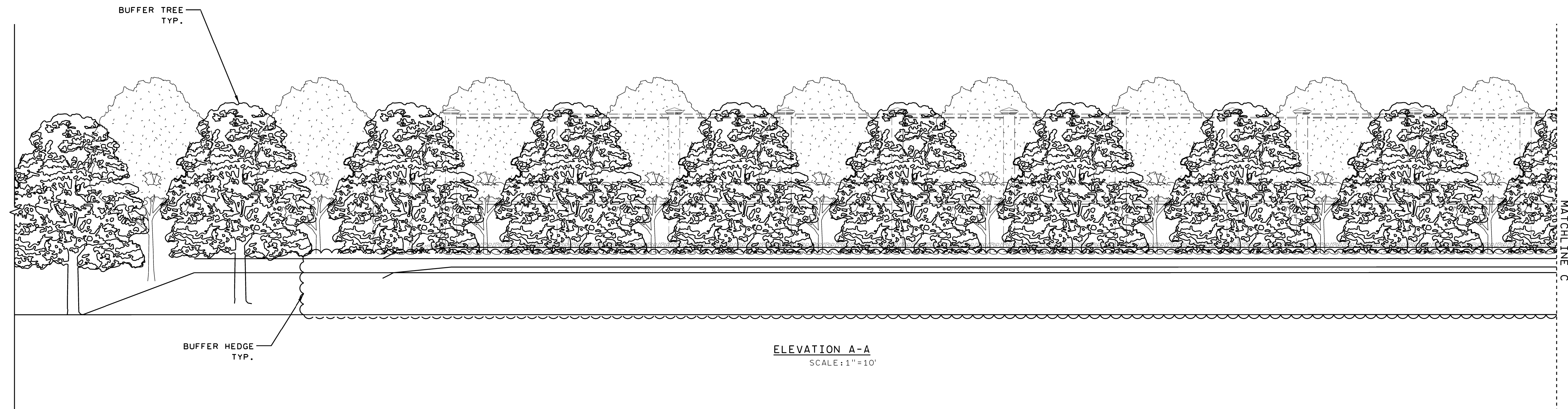
DATE 04-01-24 SCALE 0 20 30 40 60

POWER DELIVERY
DR LASALDE ER
CH COR
APPROVED

SHERIDAN TRANSMISSION
SUBSTATION LANDSCAPE
BUFFER PLAN

(SU, G, PP)
SHEET 3 OF 7
E - SHE04
CAD E
REV NO 2

NO	DATE	REVISION	BY	CH	COR	APP
2	07-23-24	CBWCD COMMENT ADDED, REVD PLANTING SCHEDULE	PL			
1	06-12-24	REVD PER CITY COMMENTS	PL			



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REV	NO	DATE	REVISION	BY	CH	COR	APP
	2	07-23-24	CBWCD COMMENT ADDED				
	1	06-19-24	FOR PERMITTING				

DATE 06-19-24	SCALE 0	AS NOTED
POWER DELIVERY		
DR LASALDE	ER	
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APPROVED		

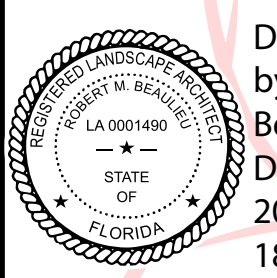
SHERIDAN TRANSMISSION
SUBSTATION LANDSCAPE
ELEVATION VIEW

(SU, G, PP)

SHEET 4 OF 7
E - SHE04

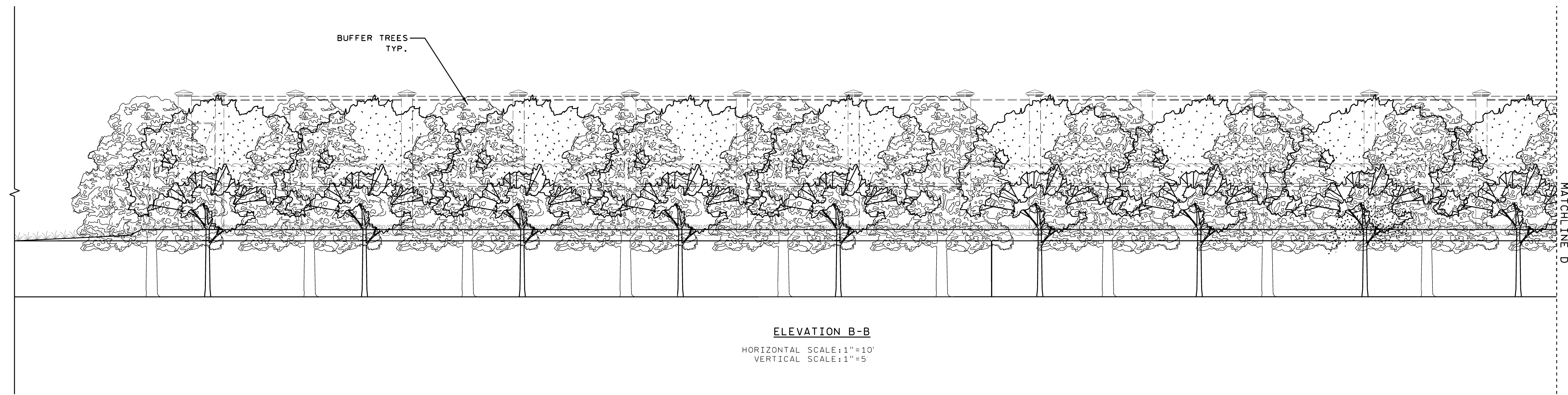
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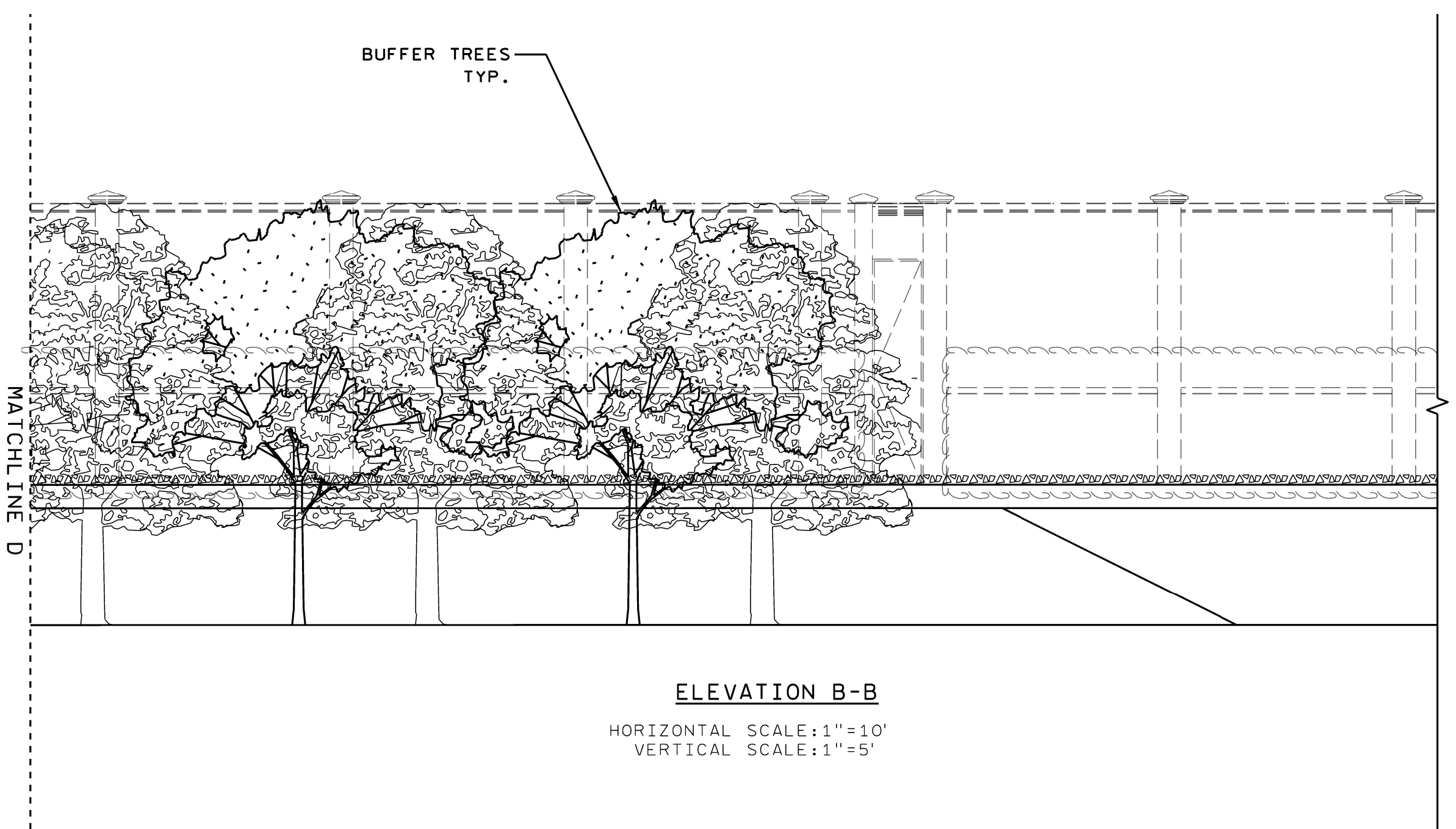


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ENGINEER'S SEAL



ELEVATION B-B
 HORIZONTAL SCALE: 1"=10'
 VERTICAL SCALE: 1"=5'



ELEVATION B-B
 HORIZONTAL SCALE: 1"=10'
 VERTICAL SCALE: 1"=5'

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	1	06-19-24	FOR PERMITTING				PL

DATE 06-19-24 SCALE 0 AS NOTED

POWER DELIVERY

DR LASALDE ER
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SHERIDAN TRANSMISSION
 SUBSTATION LANDSCAPE
 ELEVATION VIEW

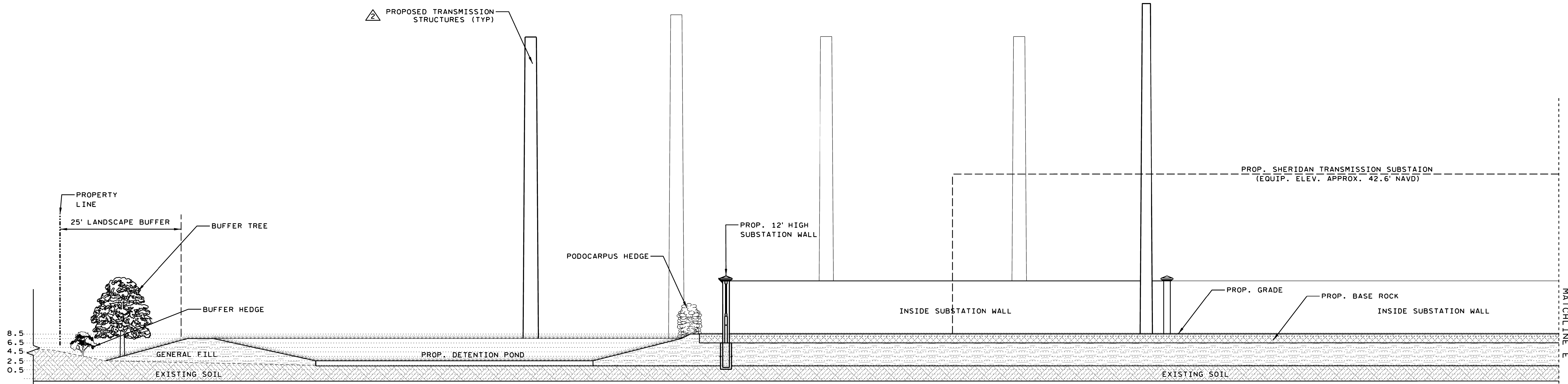
(SU, G, PP)

SHEET 5 OF 7
E - SHE04

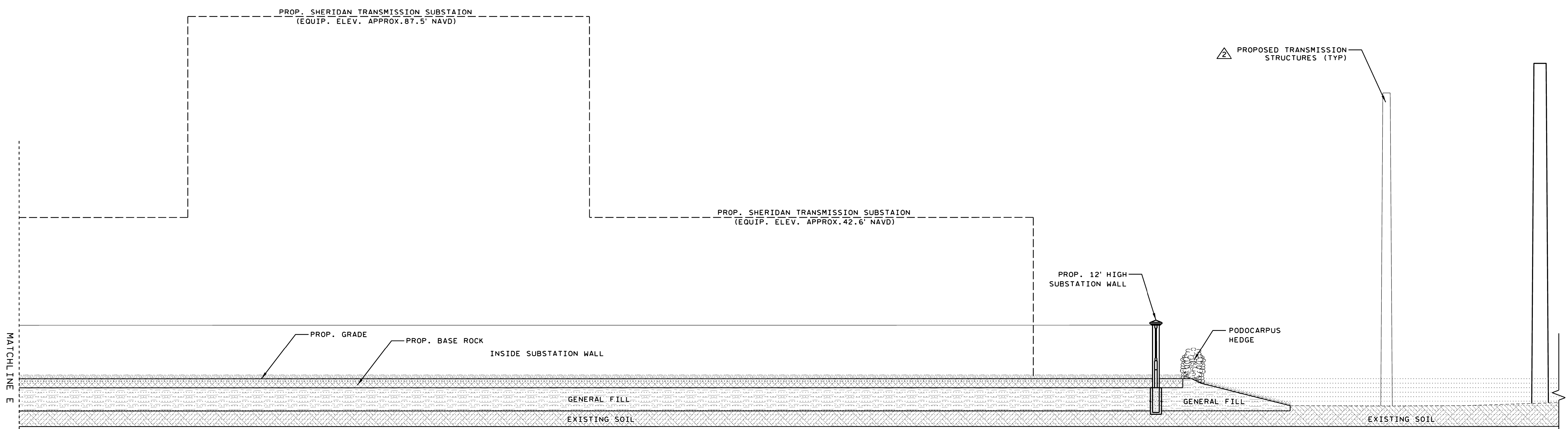
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ENGINEER'S SEAL



CROSS SECTION C-C
SCALE: 3/32"=1'



CROSS SECTION C-C
SCALE: 3/32"=1'

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REV NO	DATE	DESCRIPTION	BY	CHK	APP
2	07-23-24	REV'D SCALE, ADDED PROP. TRANSMISSION STR. AND CBWCD COMM.	PL		
1	06-19-24	FOR PERMITTING	PL		
		REVISION		CH	COR/APP

DATE 06-19-24 SCALE 0 AS NOTED

POWER DELIVERY

DR LASALDE ER
CH COR APPROVED

SHERIDAN TRANSMISSION
SUBSTATION LANDSCAPE
ELEVATION VIEW

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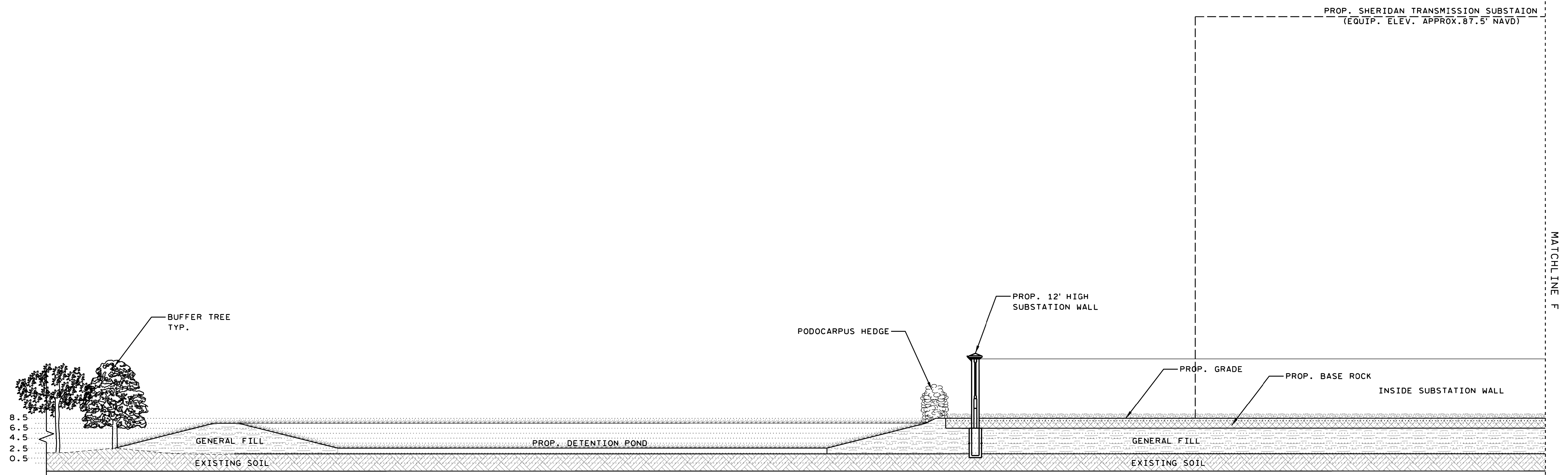
SHEET 6 OF 7
E - SHE04

REV NO 2

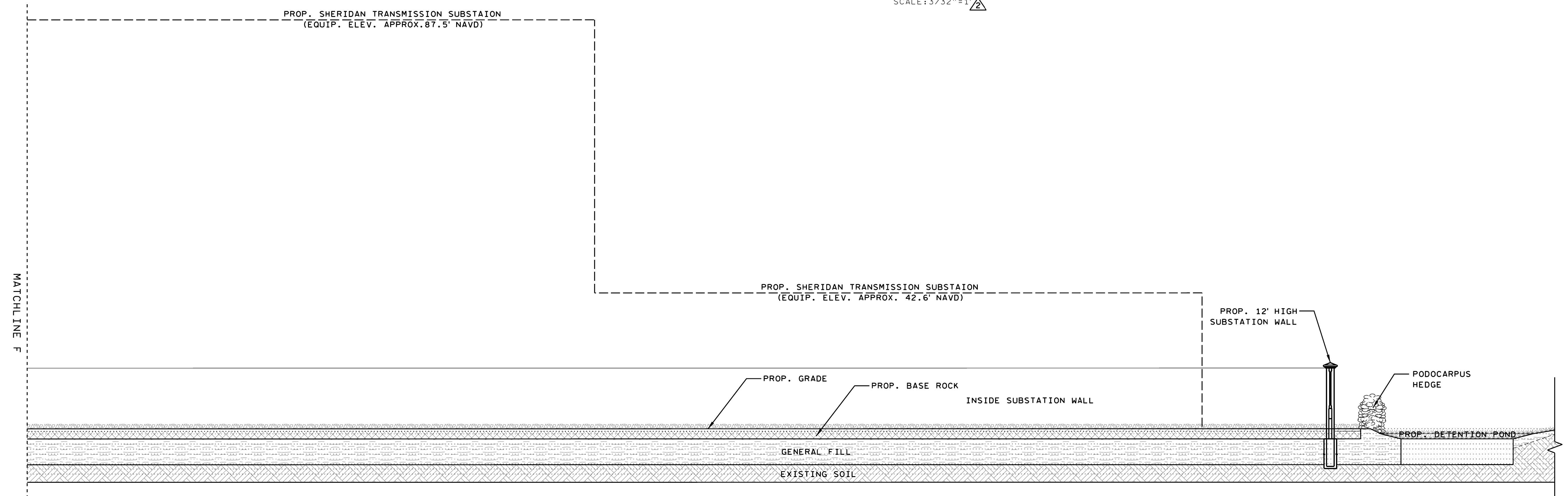
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ENGINEER'S SEAL



CROSS SECTION D-D
SCALE: 3/32"=1'



CROSS SECTION D-D
SCALE: 3/32"=1'

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2	07-23-24	REVD SCALE AND ADDED CBWCD COMMENT	PL			
1	06-19-24	FOR PERMITTING	PL			

DATE 06-19-24 SCALE 0 AS NOTED

POWER DELIVERY

DR LASALDE ER
CH APPROVED COR

SHERIDAN TRANSMISSION
SUBSTATION LANDSCAPE
ELEVATION VIEW

(SU, G, PP)

SHEET 7 OF 7
E - SHE04

REV NO 2

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Date: 2024.08.08 18:21:47 -0400