

# BOUNDARY STREET PARK

## LANDSCAPE SITE IMPROVEMENTS

68 BOUNDARY STREET  
BLUFFTON, SOUTH CAROLINA

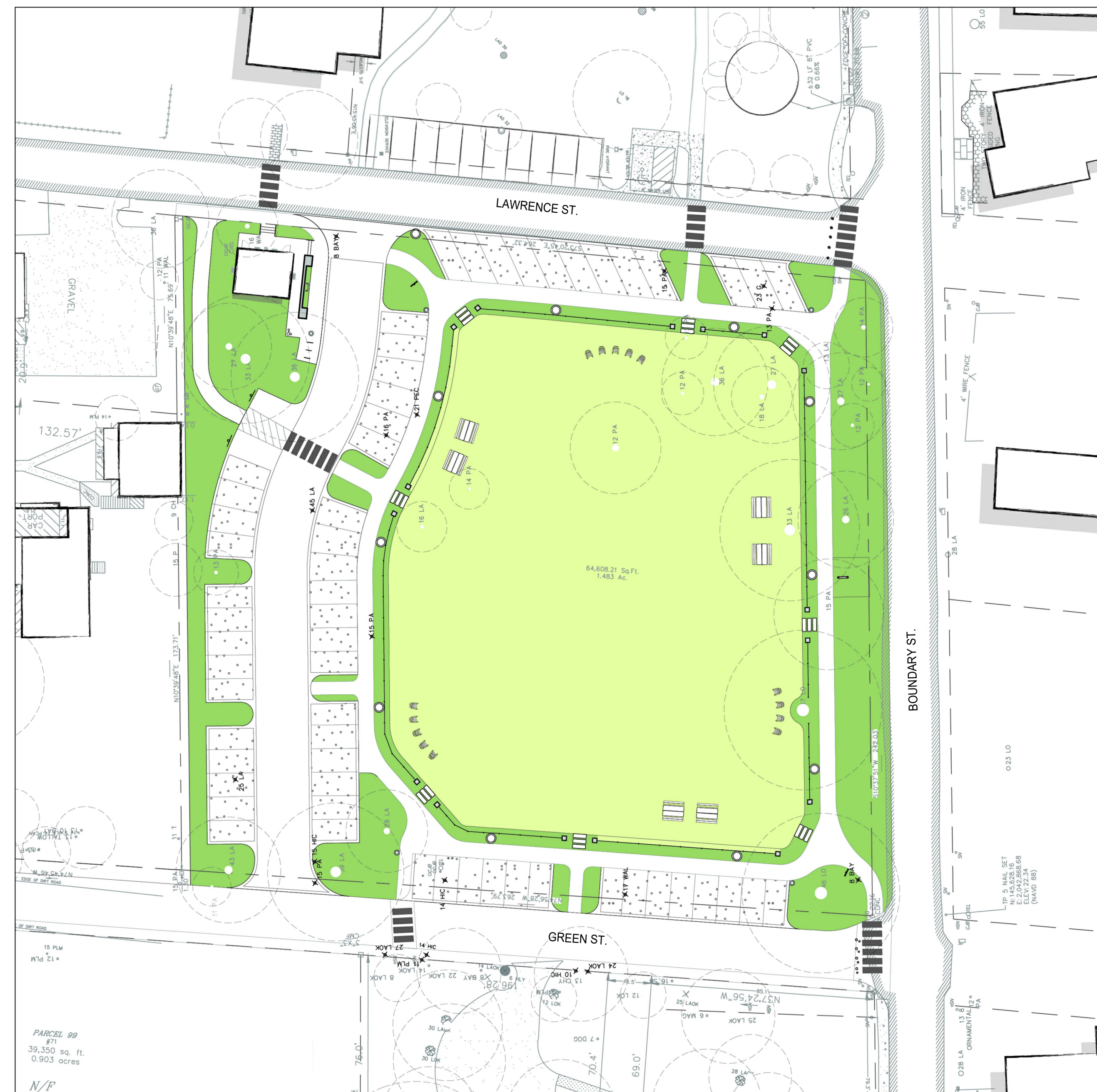
PERMIT & BID DOCUMENTS  
MARCH 8, 2019

CLIENT / OWNER  
TOWN OF BLUFFTON, SC

PROJECT NAME  
68 BOUNDARY STREET PARK

PROJECT ADDRESS  
68 BOUNDARY STREET  
BLUFFTON, SC 29910

CONCEPT PLAN



SITE LOCATION MAP



BLUFFTON, SC

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### PERMIT & BID SET

NOT FOR CONSTRUCTION

REV.	DATE	ISSUED
A	190111	REVISIONS
B	190116	REVISIONS
C	190308	REVISIONS

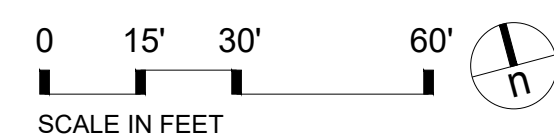
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ISSUE DATE  
03.8.2019

PROJECT NUMBER  
s17538

SHEET NAME  
COVER SHEET

SHEET NUMBER  
**G00-00**





**SITE BOUNDARY LEGEND**

- LOW— LIMIT OF WORK
- - - - - LIMIT OF LANDSCAPE SITE IMPROVEMENTS (REFER TO IFB FOR SCOPE)

**SHEET NOTES**

1. REFER TO WARD EDWARDS CIVIL ENGINEERING PLANS FOR STREET, PARKING, WALKWAYS, STORMWATER, AND UTILITY IMPROVEMENTS.
2. REFER TO PEARCE SCOTT ARCHITECTS FOR FUTURE PUBLIC RESTROOM AND ASSOCIATED ASSEMBLIES.

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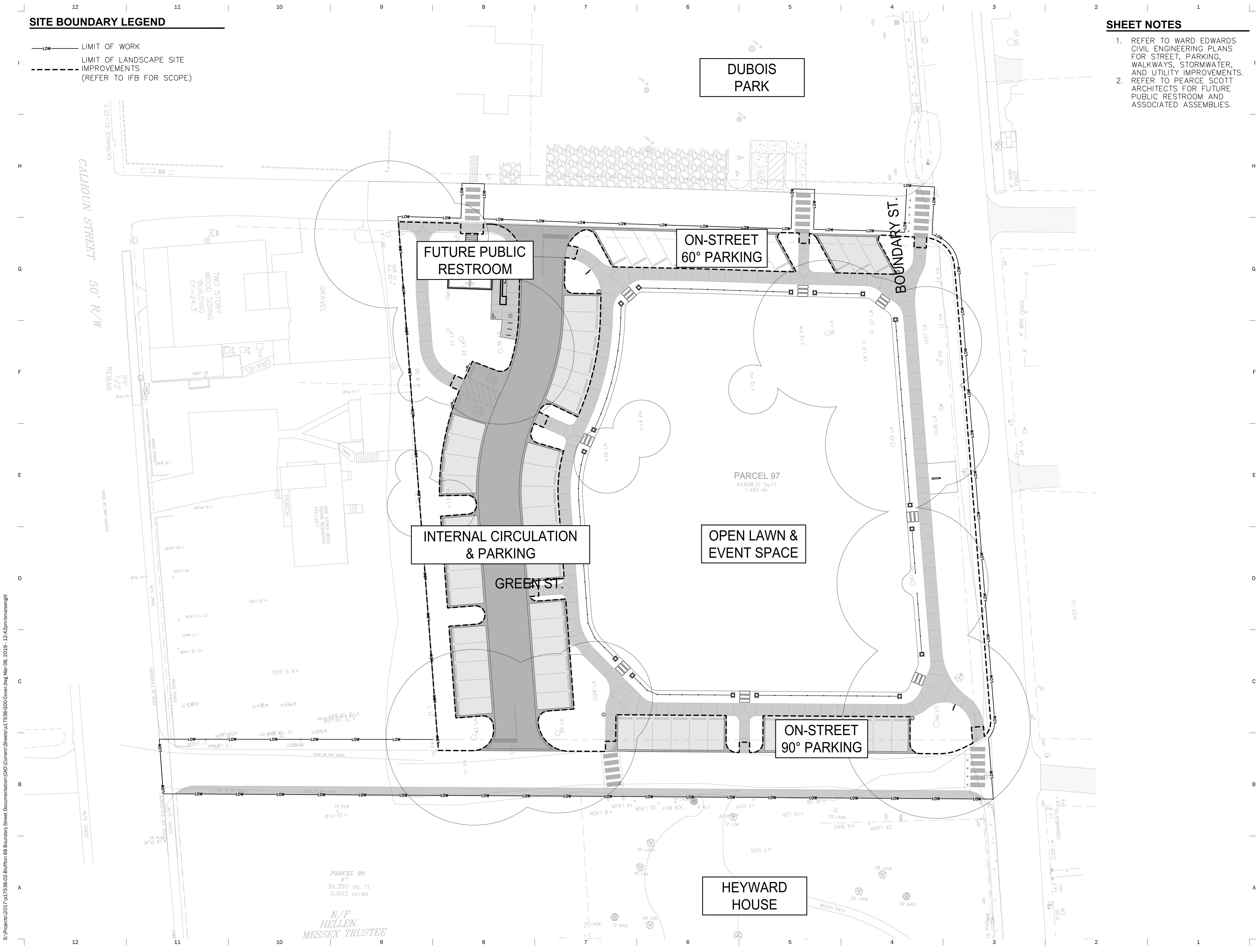
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ISSUE DATE: 03.8.2019 PROJECT NUMBER: s17538

SHEET NAME  
**SITE LOCATION AND ORIENTATION PLAN**

SHEET NUMBER

**G00-01**



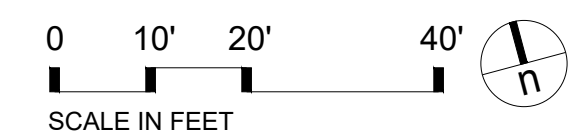
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### SHEET NOTES

1. SURVEY PROVIDED BY  
ATLAS SURVEYING, INC.  
DATED 08.22.2018.

### LEGEND

- PKF ● PK NAIL FOUND
- ▲ CALC POINT - CORNER NOT SET
- IPF ● IRON PIPE FOUND
- CMF ● CONC. MONUMENT FOUND
- RBF ● IRON REBAR FOUND
- AIF ● ANGLE IRON FOUND
- OCJ ● CABLE JUNCTION BOX
- JBX ● JUNCTION BOX
- OTEL ● TELEPHONE JUNCTION BOX
- S — CONTOUR LINE
- x — GUY WIRE
- X12.9 — SPOT ELEVATION
- BAY — BAY
- WAL — WALNUT
- CH — CHERRY
- G — SWEET GUM
- LA — LAUREL OAK
- PA — PALMETTO
- P — PINE
- T — TALLOW
- SB — SUGAR BERRY
- CONC — CONCRETE
- GRAVEL — GRAVEL
- BRICK — BRICK
- OSp — SPIGOT
- OSsco — SANITARY SEWER CLEAN OUT
- PP — POWER POLE
- SW — SIGN
- SS — UNDERGROUND SEWER LINE
- X — FENCE LINE
- FM — FORCEMAIN
- COM — UNDERGROUND COMMUNICATIONS LINE
- OHP — OVERHEAD POWER LINE
- DIRT ROAD — DIRT ROAD
- UGT — UNDERGROUND GAS TANK



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SHEET NAME  
**SITE SURVEY PLAN**

SHEET NUMBER  
**V01-01**





### LANDSCAPE NOTES

1. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION LAYOUT SURVEY BASED ON DIGITAL PLANIMETRIC INFORMATION PROVIDED BY THE LANDSCAPE ARCHITECT FOR LANDSCAPE SITE IMPROVEMENTS. DIMENSIONS SHOWN ARE FOR REFERENCE AND FIELD VERIFICATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THEMSELVES FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
3. CONTRACTOR SHALL OBTAIN PERMITS FOR THE WORK AS REQUIRED AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE LOCAL JURISDICTION, THE STATE, AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
4. ALL DIMENSIONS SHOWN REFERENCE EDGE OF PAVEMENTS, THE FACE OF CURBS AND THE FACE OF STRUCTURES UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND PRACTICES.
6. ALL AREAS WITHIN THE DRIPLINES OF TREES SHALL REMAIN FREE OF CONSTRUCTION MATERIALS, DEBRIS, VEHICLES AND FOOT TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING OUTSIDE THE DRIPLINE TO PROTECT EXISTING TREES AND PLANT MATERIAL TO REMAIN.
7. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IF ANY PINS OR MONUMENTS ARE DISTURBED, DAMAGED, OR DESTROYED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED PROFESSIONAL SURVEYOR AT THE COMPLETION OF THE PROJECT AND AT THE CONTRACTOR'S EXPENSE. .
8. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM TOWN AND AUTHORITIES HAVING JURISDICTION.
9. HANDRAIL AND TOP RAIL OF GUARDS: UNIFORM LOAD OF 50 LB / FT IN ANY DIRECTION. CONCENTRATED LOAD OF 200 LB / FT IN ANY DIRECTION. SEE SPECIFICATIONS.

### ABBREVIATIONS

AB	ANCHOR BOLT	MANF	MANUFACTURER
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
ADD	ADDENDUM	MECH	MECHANICAL
ADJ	ADJACENT	MED	MEDIUM
AGG	AGGREGATE	MH	MANHOLE
AL	ALIGN	MIN	MINIMUM
ALT	ALTERNATE	MISC	MISCELLANEOUS
ALUM	ALUMINUM	MS	MULTI-STEM
APPR	APPROXIMATE	NIC	NOT IN CONTRACT
ARCH	ARCHITECT	NOM	NOMINAL
AUTO	AUTOMATIC	NTS	NOT TO SCALE
AWC	ALIGN WITH CENTER	OA	OVERALL
		OC	ON CENTER
		OD	OUTSIDE DIAMETER
B&B	BALLED AND BURLAPPED	PA	PLANTED AREA
BC	BACK OF CURB	PCC	PRECAST CONCRETE
BEL	BELOW	PERF	PERFORATED
BET	BETWEEN	PERP	PERPENDICULAR
BIT	BITUMINOUS	PIP	POURED IN PLACE
BLDG	BUILDING	PLT	PLANTING AREA
BOT	BOTTOM	PLUM	PLUMBING
BRK	BRICK	POB	POINT OF BEGINNING
BS	BOTH SIDES	PP	PEAT POTS
BTC	BOTTOM OF CURB	PPP	PLANTS PER POT
BTF	BOTTOM OF FOOTING	PROP	PROPOSED
BTS	BOTTOM OF STEPS	PRTR	PRESERVATIVE PREATED
BTW	BOTTOM OF WALL	PT	POINT
BW	BACK OF WALL	PTP	PRESSURE TREATED PINE
BYND	BEYOND	PW	POTABLE WATER
CAL	CALIPER	PVMT	PAVEMENT
CB	CATCH BASIN	QC	QUICK COUPLER
CIP	CAST IN PLACE	QTY	QUANTITY
CJ	CONTROL JOINT	R	RADIUS
CL	CENTER LINE	RD	ROUND
		REINF	REINFORCED
CMU	CONCRETE MASONRY UNIT	REMO	REMOVE
CO	CLEANOUT	REQD	REQUIRED
COL	COLUMN	REV	REVISION
CONC	CONCRETE	RIM	RIM ELEVATION
CONT	CONTINUOUS	SCD	SEE CIVIL DRAWINGS
CT	CLEAR TRUNK	SCH	SCHEDULE
CTR	CENTER	SEC	SECTION
DBH	DIAMETER AT BREAST HEIGHT	SHT	SHEET
DEM	DEMOLISH	SIM	SIMILAR
DIA	DIAMETER	SNT	SEALANT
DIM	DIMENSION	SPEC	SPECIFICATION
DTL	DETAIL	SPR	SPREAD
DWG	DRAWING	SS	STAINLESS STEEL
EA	EACH	ST	SINGLE TRUNK
EJ	EXPANSION JOINT	STD	STANDARD
EL	ELEVATION	STRUC	STRUCTURAL
ELEC	ELECTRICAL	SQ	SQUARE
ENC	ENCLOSURE	TBD	TO BE DETERMINED
ENG	ENGINEER	TC	TOP OF CURB
EOP	EDGE OF PAVEMENT	TCB	TOP OF COLUMN BASE
EQ	EQUAL	TCM	TOP OF COLUMN
EQUIP	EQUIPMENT	TEMP	TEMPERATURE
EW	EACH WAY	TF	TOP OF FOOTING
EXT	EXISTING EXTERIOR	TOW	TOP OF WALL
FB	FACE OF BUILDING	TS	TOP OF STAIRS
FC	FACE OF CURB	TW	TOP OF WALK
FFE	FINISH FLOOR ELEVATION	TYP	TYPICAL
FG	FINISH GRADE	UC	UNDER CUT
FIN	FINISH	UNO	UNLESS NOTED OTHERWISE
FW	FACE OF WALL	VERT	VERTICAL
FS	FINISH SURFACE	VIF	VERIFY IN FIELD
FT	FOOT, FEET	W	WITH
FTG	FULL TO GROUND	W/O	WITHOUT
GA	GAUGE	WLA	WATER LEVEL AVERAGE
GAL	GALLON	WLS	WATER LEVEL STATIONARY
GALV	GALVANIZED	WM	WIRE MESH
GRT	GRATE ELEVATION	WP	WATERPROOFING
HB	HOSE BIB	WR	WASTE RECEPTACLE
HC	HANDICAPPED	WWF	WELDED WIRE FABRIC
HORZ	HORIZONTAL		
HP	HIGH POINT		
HT	HEIGHT		
ID	INSIDE DIAMETER		
IDR	INLET DRAIN		
IN	INCH, INCHES		
INC	INCLUDED		
INT	INTERIOR		
INV	INVERT		
JB	JUNCTION BOX		
LP	LOW POINT		
LT	LIGHT FIXTURE		

### LANDSCAPE LEGEND

GENERAL ALL SHEETS		LAYOUT PLAN	
	DETAIL NUMBER DETAIL CUT SHEET NUMBER		CONTROL JOINT
	DETAIL NUMBER SECTION CUT SHEET NUMBER		CONSTRUCTION JOINT
	DETAIL NUMBER ELEVATION CUT SHEET NUMBER	GRADING PLAN	
	KEY NOTE		PERFORATED SUB-DRAIN
	ALIGN		CLEAN OUT
	ALIGN		PROPOSED SPOT ELEVATION
	ALIGN		EXISTING SPOT ELEVATION
	TREE PROTECTION FENCE		INTERMEDIATE CONTOURS
	CENTERLINE		INDEX CONTOURS
	PROJECT LIMITS / LIMIT OF WORK		EXISTING INTER. CONTOURS
	BREAKLINE		EXISTING INDEX CONTOURS
	EXISTING TREE		SWALES & DITCHES
	ELEVATION		INLET PROTECTION
	DIMENSION		SILT FENCING
	RADIUS		LIMITS OF GRADING
		IRRIGATION PLANS	
			SUB-SURFACE DRIP IRRIGATION
			POP-UP SPRAY IRRIGATION

**IRRIGATION SYSTEM IS DELEGATED DESIGN:** DESIGN 100% COVERAGE IRRIGATION SYSTEM USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED ON PLANS AND SPECIFICATIONS. REFER TO SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

CLIENT / OWNER  
**TOWN OF BLUFFTON, SC**

PROJECT NAME  
**68 BOUNDARY STREET PARK**

PROJECT ADDRESS  
**68 BOUNDARY STREET  
BLUFFTON, SC 29910**

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SEAL

ISSUE DATE  
03.8.2019

PROJECT NUMBER  
s17538

SHEET NAME  
**LANDSCAPE NOTES,  
LEGENDS & SCHEDULES**

SHEET NUMBER  
**L00-01**



PAVEMENT AND DECKING									
SYMBOL	ABBREVIATION	ELEMENT	DESCRIPTION - REFER TO DETAILS AND SPECIFICATIONS	NOTES	MOCKUP	DELEGATED DESIGN	PRODUCTS & MANUFACTURERS #1	PRODUCTS & MANUFACTURERS #2	PRODUCTS & MANUFACTURERS #3
<b>STONE ELEMENTS</b>									
	S-1	CUSTOM CUT BLUESTONE PAVER	REFER TO PLANS	BLUESTONE QUARRIED IN NORTHEASTERN PA OR SOUTHERN NY; SAWN 6 SIDES, THERMAL FINISH, UNIFORM BLUE/GRAY COLOR	YES				
<b>PAVEMENT - CONCRETE CAST IN PLACE</b>									
	PAC-1	ASPHALTIC PAVING	SEE CIVIL DRAWINGS						
	PCC-1	TABBY CONCRETE - VEHICULAR	SEE CIVIL DRAWINGS	FINISH TO MATCH ADJACENT DUBOIS PARK VEHICULAR PAVING					
	PCC-1	TABBY CONCRETE - PEDESTRIAN	SEE CIVIL DRAWINGS, SEE LANDSCAPE SITE IMPROVEMENTS DRAWINGS AS NEEDED	FINISH TO MATCH ADJACENT DUBOIS PARK WALKWAYS, AND PHASE 1 68 BOUNDARY STREET PARK IMPROVEMENTS, IF ANY.	YES		PER TOWN OF BLUFFTON STANDARDS		
<b>PAVEMENT - FLEXIBLE GRANULAR</b>									
	PFG-1	FLEXIBLE UNSEALED	SEE CIVIL DRAWINGS						
<b>SITE FIXTURES, FURNISHINGS, &amp; EQUIPMENT</b>									
SYMBOL	ABBREVIATION	ELEMENT	DESCRIPTION - REFER TO DETAILS AND SPECIFICATIONS	NOTES	MOCKUP	DELEGATED DESIGN	PRODUCTS & MANUFACTURERS #1	PRODUCTS & MANUFACTURERS #2	PRODUCTS & MANUFACTURERS #3
<b>SITE FURNITURE</b>									
	BR-1	BIKE RACK - TOWN OF BLUFFTON STANDARD	HOOP RACK WITH INFUSED IMAGE	CUSTOM IMAGE INFUSED HOOP RACK, IN-GROUND MOUNT, SKY BLUE POWDER COAT, INCLD'S ACCESSORIES		YES	CUSTOM DESIGN HOOP RACKS, IMAGE INFUSED, SURFACE MOUNT, SKY BLUE POWDER COAT BY DERO. CONTACT: TED DUEPNER (612) 359-0689 (888) 337-6729 TDUEPNER@DERO.COM, WWW.DERO.COM		
	BR-2	BIKE RACK - TOWN OF BLUFFTON STANDARD	HOOP RACK	CUSTOM HOOP RACK, IN-GROUND MOUNT, SKY BLUE POWDER COAT, INCLD'S ACCESSORIES		YES	CUSTOM DESIGN HOOP RACKS, SURFACE MOUNT, SKY BLUE POWDER COAT BY DERO. CONTACT: TED DUEPNER (612) 359-0689 (888) 337-6729 TDUEPNER@DERO.COM, WWW.DERO.COM		
	CH-1	CHAIR - GENERAL	FREESTANDING, RECYCLED PLASTIC, INTEGRAL COLOR	LEAF GREEN - SUBMIT COLOR SAMPLES FOR SELECTION BY LANDSCAPE ARCHITECT.			LANDSCAPE FORMS LOLL AD-4SFT-LEAF GREEN 'TALL ADIRONDACK CHAIR FLAT'		
	SS-1	PARK SIGNAGE	PRIMARY PARK ID SIGN	BY OTHERS					
	SS-2	PARK SIGNAGE	KIOSK/MAP SIGN	BY OTHERS					
	SS-3	PARK SIGNAGE	PARK RULES SIGN	BY OTHERS					
	TB-1	PICNIC TABLE - ASSEMBLY	(1) FREESTANDING TABLE, (2) FREESTANDING BENCH, DINING HEIGHT, RECYCLED PLASTIC, INTEGRAL COLOR	LEAF GREEN - SUBMIT COLOR SAMPLES FOR SELECTION BY LANDSCAPE ARCHITECT.			LANDSCAPE FORMS 'HARVEST TABLE & BENCH' (COLOR TO MATCH LOLL DESIGNS LEAF GREEN)		
	TR-1	TRASH/RECYCLE RECEPTACLE	WOOD SLAT TRASH RECEPTACLE TO MATCH DUBOIS PARK	DIRECT BURIAL			RECEPTACLE 43-32PL S1 W/ COVER 47-30 (CEDAR RECYCLED PLASTIC) BY DUMOR		
	WF-1	BOTTLE REFILL, DRINKING FOUNTAIN & PET BOWL WATER STATION	POWDER COATED, ADA ACCESSIBLE	SUBMIT COLOR SAMPLES FOR SELECTION BY LANDSCAPE ARCHITECT.			STERN-WILLIAMS BLUE POLYESTER POWDER COATED WATER BOTTLE FILLER STATION 7700-90-SMP		
<b>SITE LIGHTING</b>									
	LT-1	STANDARD AREA POLE LIGHT	TOWN OF BLUFFTON STANDARD: SHEPHERDS CROOK REINFORCED CONCRETE FOOTING MOUNT	PROVIDED AND INSTALLED BY SOUTH CAROLINA ELECTRIC AND GAS		YES			
	LT-2	TREE DOWNLIGHT	LOW VOLTAGE AREA ACCENT LIGHTING	FIXTURE LOCATIONS AS DIRECTED BY LANDSCAPE ARCHITECT/TOWN OF BLUFFTON					
	LT-3	STRIP LIGHT (ADD ALT BID)	SEE ARCHITECTURAL DRAWINGS LOW VOLTAGE AREA ACCENT LIGHTING	MOUNTED TO COLUMNS		YES			
	LT-4	TREE DOWNLIGHT (ADD ALT BID)	SEE ARCHITECTURAL DRAWINGS LOW VOLTAGE AREA ACCENT LIGHTING	FIXTURE LOCATIONS AS DIRECTED BY LANDSCAPE ARCHITECT/TOWN OF BLUFFTON		YES			
	PP-1	POWER PEDESTAL	SEE ARCHITECTURAL DRAWINGS LOCKABLE REMOTE POWER DISTRIBUTION PEDESTAL REINFORCED CONCRETE FOOTING			YES			
	PP-2	INGROUND POWER BOX	SEE ARCHITECTURAL DRAWINGS LOCKABLE REMOTE POWER DISTRIBUTION BOX			YES			

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SEAL

ISSUE DATE: 03.8.2019 PROJECT NUMBER: s17538

SHEET NAME  
**MATERIAL & FURNISHING SCHEDULE**

SHEET NUMBER  
**L00-02**



**SITE BOUNDARY LEGEND**

- LOW— LIMIT OF WORK
- LIMIT OF LANDSCAPE SITE IMPROVEMENTS (REFER TO IFB FOR SCOPE)

**SHEET NOTES**

1. REFER TO WARD EDWARDS CIVIL ENGINEERING PLANS FOR STREET, PARKING, WALKWAYS, STORMWATER, AND UTILITY IMPROVEMENTS.
2. REFER TO PEARCE SCOTT ARCHITECTS FOR FUTURE PUBLIC RESTROOM AND ASSOCIATED ASSEMBLIES.
3. STANDARD JOINTING SHALL BE 8' NOMINALLY O.C. CONTROL JOINTS SHALL BE SPACED AT A MAXIMUM OF 25' O.C.

**KEY NOTES**

- ① REINFORCED PAVING WELDED WIRE MESH 2" WITHIN CRITICAL ROOT ZONE.
- ② STABILIZED AGGREGATE BENEATH WALKS ADJACENT VEHICULAR PAVING.
- ③ WF-1 POTABLE WATER SERVICE POINT OF CONNECTION.

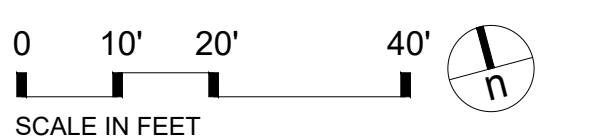
**SITE MATERIALS LEGEND**

—	BR-1
—	BR-2
▒	CH-1
—	SS-1
—	SS-2
—	SS-3
▒	TB-1
○	TR-1
⊗	WF-1

**SITE MATERIALS LEGEND**

< PED. VEH. >

▒	PAC-1
▒	PCC-1
▒	PFG-1
▒	S-1



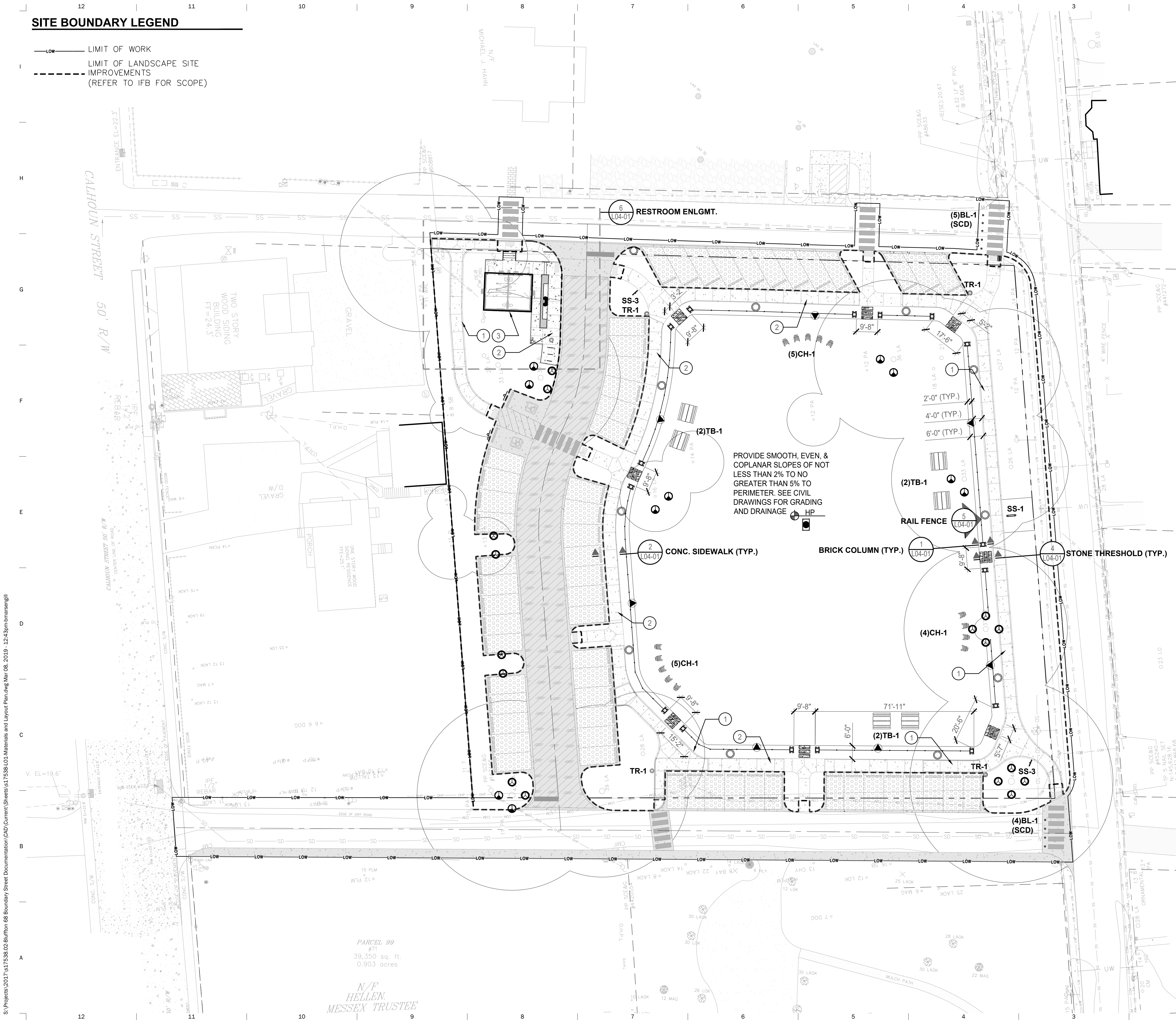
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SHEET NAME  
**SITE MATERIALS & LAYOUT PLAN**  
SHEET NUMBER  
**L01-01**



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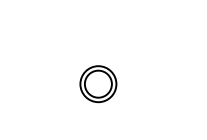
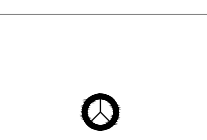
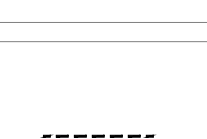

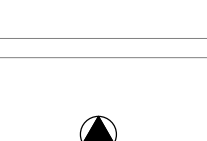

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2. REFER TO PEARCE SCOTT ARCHITECTS FOR FUTURE PUBLIC RESTROOM AND ASSOCIATED ASSEMBLIES.
3. SEE ARCHITECTURAL DRAWINGS FOR LIGHTING AND ELECTRICAL.

**KEY NOTES**

- ① LT-2, LT-3, LT-4 AND PP-1 ELECTRICAL SERVICE POINT OF CONNECTION.
- ② INDICATES SIZE AND QUANTITY OF SLEEVES. TYP. SEE CIVIL DRAWINGS.

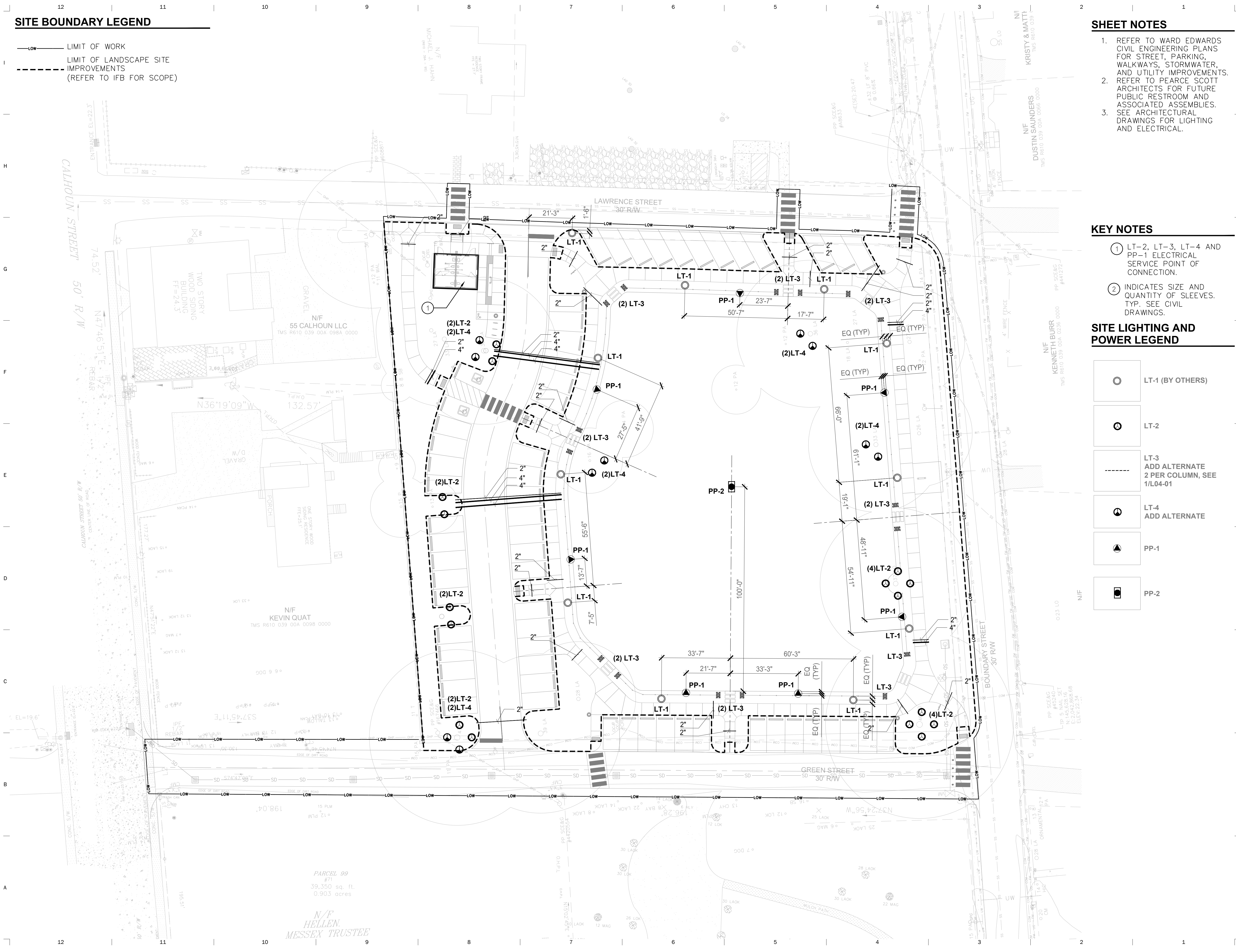
**SITE LIGHTING AND POWER LEGEND**

-  LT-1 (BY OTHERS)
-  LT-2
-  LT-3 ADD ALTERNATE 2 PER COLUMN, SEE 1/L04-01
-  LT-4 ADD ALTERNATE
-  PP-1
-  PP-2

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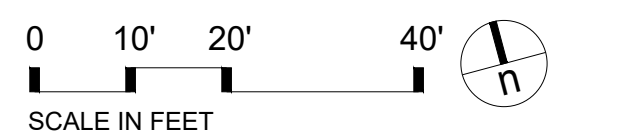
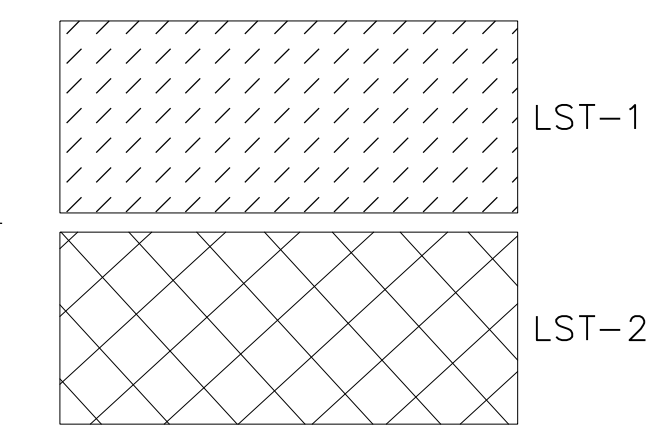
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3. LST-1 AND LST-2 SOILS TO BE AMENDED AS SHOWN TO ACHIEVE TOPSOIL PROFILE EXCEPT WITHIN EXISTING TREE ROOT ZONES.

**KEY NOTES**

- ① LST-1:
  - POTTED PLANTS
  - 4" MIN. MULCH
  - 12" MIN. TOP SOIL
  - 12" MIN. FRACTURED SUBGRADE
  - PERMANENT IRRIGATION
- ② LST-2:
  - BERMUDA SOD
  - 6" MIN. TOP SOIL
  - 6" MIN. FRACTURED SUBGRADE
  - PERMANENT IRRIGATION

**SITE SOILS LEGEND**



**PERMIT & BID SET**  
NOT FOR CONSTRUCTION

REV.	DATE	ISSUED
A	190111	REVISIONS
B	190116	REVISIONS
C	190308	REVISIONS

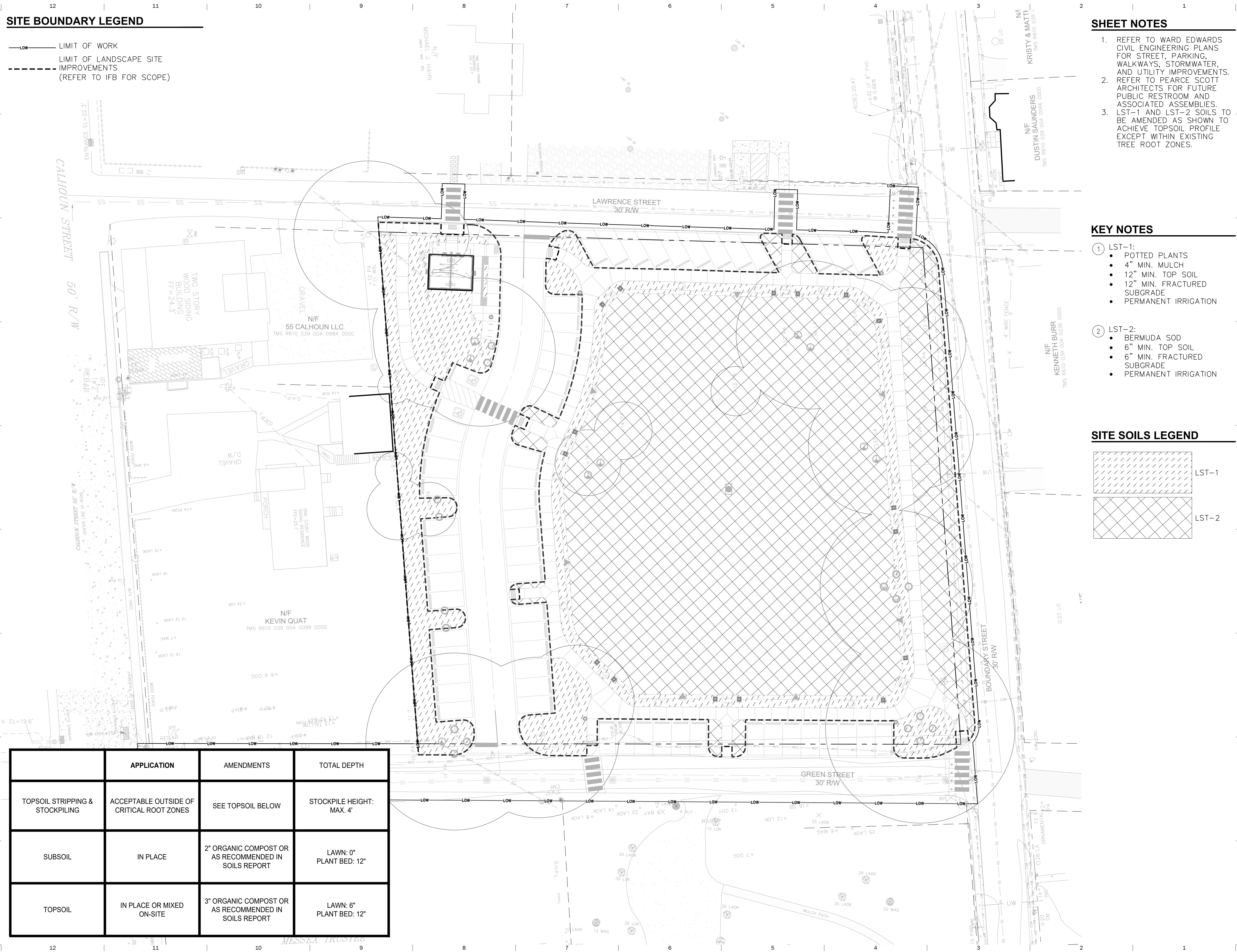
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ISSUE DATE: 03.8.2019 PROJECT NUMBER: s17538

SHEET NAME  
**SITE SOILS PLAN**

SHEET NUMBER  
**L02-01**

	APPLICATION	AMENDMENTS	TOTAL DEPTH
	TOPSOIL STRIPPING & STOCKPILING	ACCEPTABLE OUTSIDE OF CRITICAL ROOT ZONES	SEE TOPSOIL BELOW
	SUBSOIL	IN PLACE	2" ORGANIC COMPOST OR AS RECOMMENDED IN SOILS REPORT
	TOPSOIL	IN PLACE OR MIXED ON-SITE	3" ORGANIC COMPOST OR AS RECOMMENDED IN SOILS REPORT
			STOCKPILE HEIGHT: MAX. 4"
			LAWN: 0" PLANT BED: 12"
			LAWN: 6" PLANT BED: 12"



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**SITE BOUNDARY LEGEND**

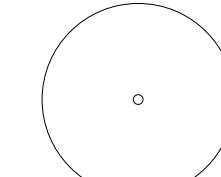
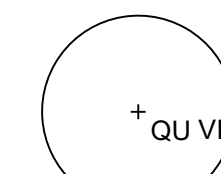

- LOW— LIMIT OF WORK
- - - - - LIMIT OF LANDSCAPE SITE IMPROVEMENTS (REFER TO IFB FOR SCOPE)

**SHEET NOTES**

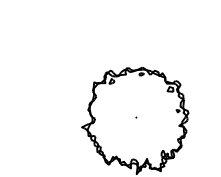
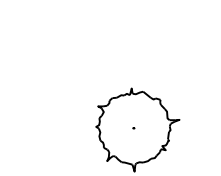
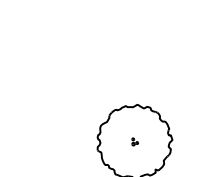
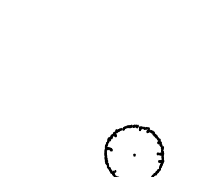
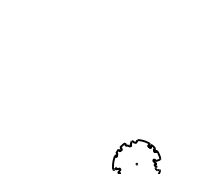


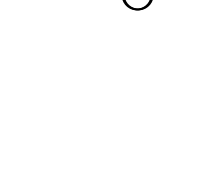

1. REFER TO WARD EDWARDS CIVIL ENGINEERING PLANS FOR STREET, PARKING, WALKWAYS, STORMWATER, AND UTILITY IMPROVEMENTS.
2. REFER TO PEARCE SCOTT ARCHITECTS FOR FUTURE PUBLIC RESTROOM AND ASSOCIATED ASSEMBLIES.

**PLANTS LEGEND**

**TREES**

-  EXISTING TREE
-  QU VI  
QUERCUS VIRGINIANA  
SOUTHERN LIVE OAK  
CALIPER: 5"  
QUANTITY: 6
-  SA BP  
SABAL PALMETTO  
SABAL PALM  
HEIGHT: 12'-18'  
QUANTITY: 16

**SHRUBS**

-  MAGNOLIA GRANDIFLORA  
'LITTLE GEM'  
LITTLE GEM MAGNOLIA  
HEIGHT: 8' MIN.  
QUANTITY: 3
-  ILEX CASSINE  
DAHOON HOLLY  
HEIGHT: 6' MIN.  
QUANTITY: 9
-  CLEYERA JAPONICA  
JAPANESE CLEYERA  
HEIGHT: 4' MIN.  
QUANTITY: 7
-  CAMELLIA SASANQUA 'KANJIRO'  
KANJIRO CAMELLIA  
HEIGHT: 3' MIN.  
QUANTITY: 8
-  SABAL MINOR  
DWARF PALM  
HEIGHT: 24" MIN.  
QUANTITY: 10
-  RHODODENDRON 'CONLED'  
AUTUMN CORAL ENCORE AZALEA  
HEIGHT: 24" MIN.  
QUANTITY: 38
-  GARDENIA JASMINOIDES  
'FROSTPROOF'  
FROSTPROOF AZALEA  
HEIGHT: 24" MIN.  
QUANTITY: 42
-  PODOCARPUS MACROPHYLLUS  
'PRINGLES DWARF'  
PRINGLES DWARF YEW  
HEIGHT: 24" MIN.  
QUANTITY: 113
-  LOROPETALUM CHINENSE 'PPI'  
PURPLE DAYDREAM LOROPETALUM  
HEIGHT: 24" MIN.  
QUANTITY: 48

**GROUNDCOVER**

-  TRACHELOSPERMUM ASIATICUM  
ASIATIC JASMINE  
SIZE: 4" POT  
QUANTITY: 2560 SF
-  LIRIOPE MUSCARI 'EMERALD GODDESS'  
EMERALD GODDESS LIRIOPE  
SIZE: 4" POT  
QUANTITY: 2686 SF
-  CYNODON DACTYLON CELEBRATION  
CELEBRATION BERMUDA SOD  
QUANTITY: 34615 SF

**PERMIT & BID SET**  
NOT FOR CONSTRUCTION

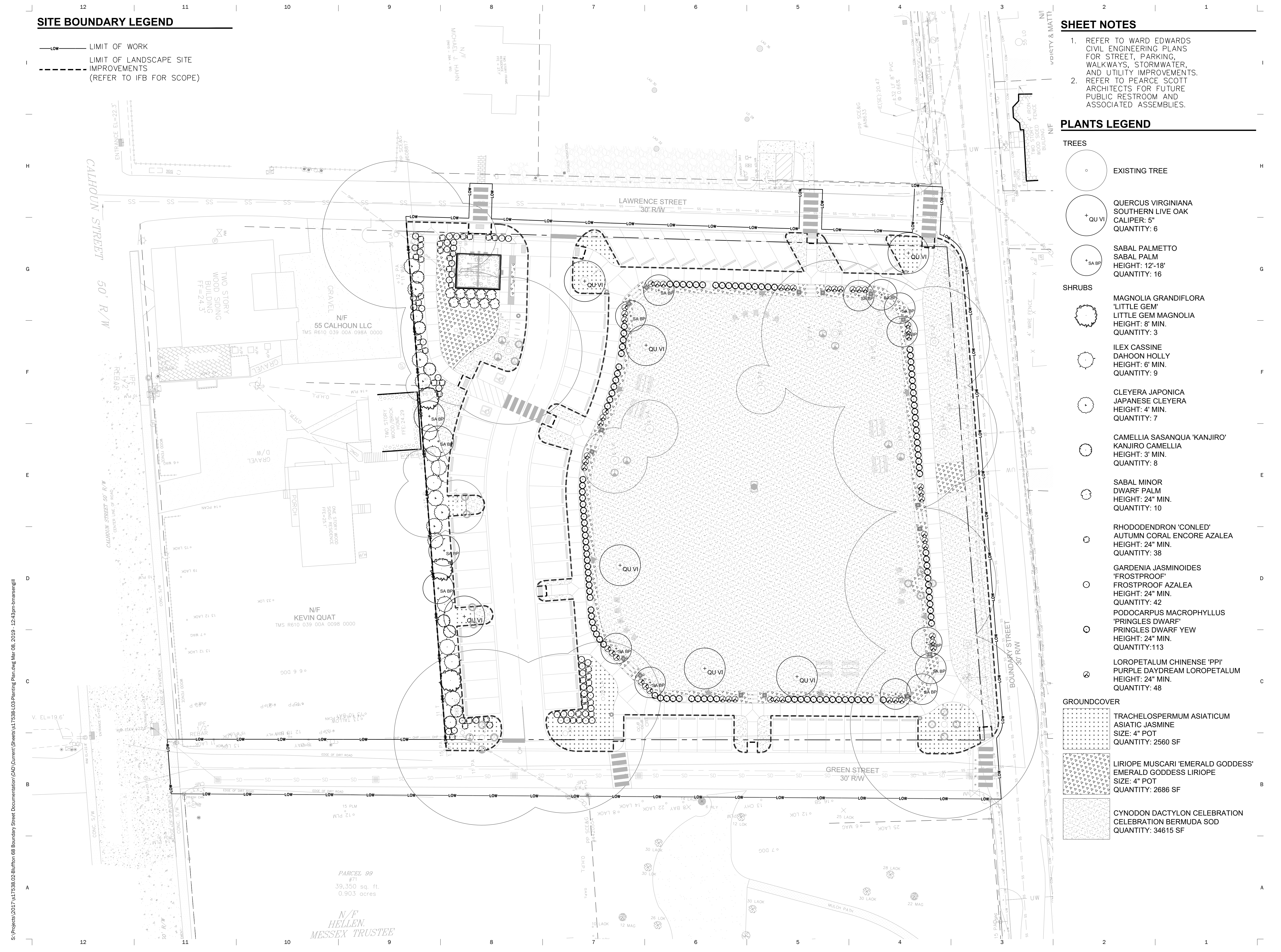
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ISSUE DATE 03.8.2019 PROJECT NUMBER s17538

SHEET NAME  
**PLANTING PLAN**

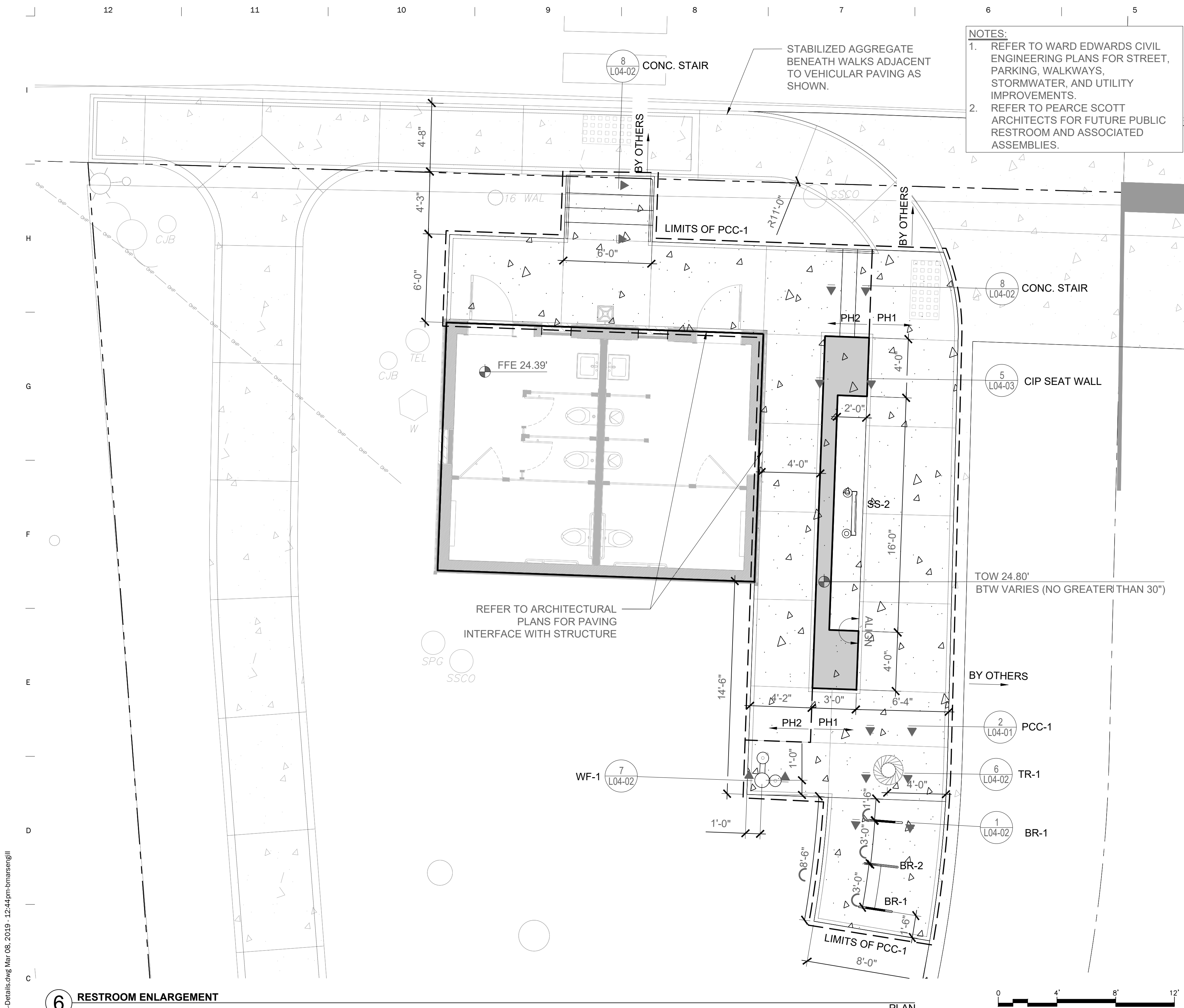
SHEET NUMBER  
**L03-01**



PARCEL 09  
#71  
39,350 sq. ft.  
0.903 acres  
N/F  
HELLEN  
MESSEX TRUSTEE

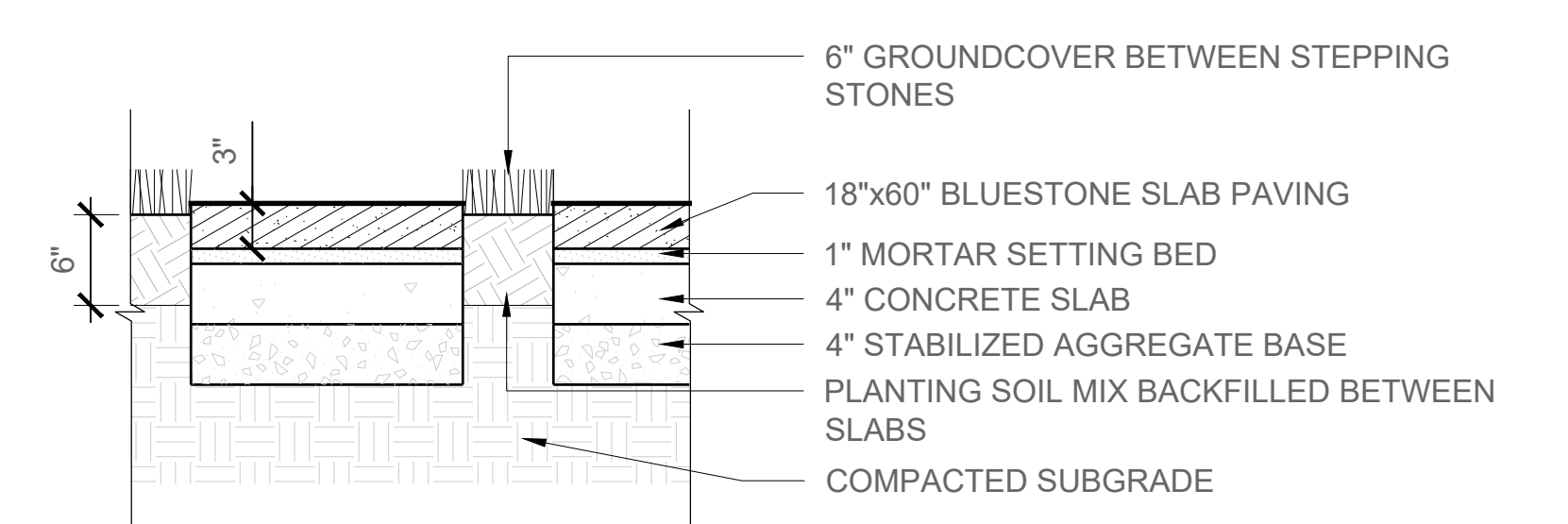
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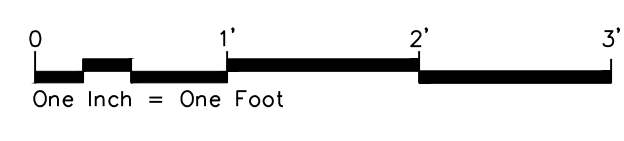


**NOTES:**  
1. REFER TO WARD EDWARDS CIVIL ENGINEERING PLANS FOR STREET, PARKING, WALKWAYS, STORMWATER, AND UTILITY IMPROVEMENTS.  
2. REFER TO PEARCE SCOTT ARCHITECTS FOR FUTURE PUBLIC RESTROOM AND ASSOCIATED ASSEMBLIES.

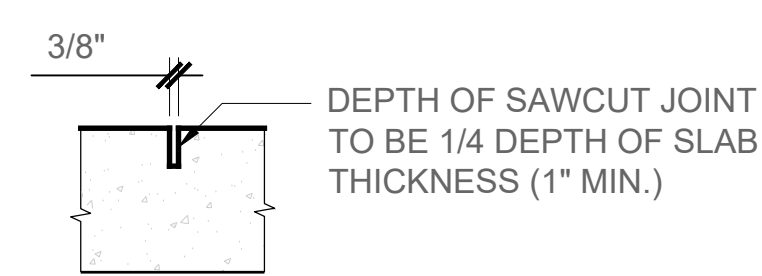
**NOTES:**  
1. RAIL FENCE TO MATCH DUBOIS PARK.



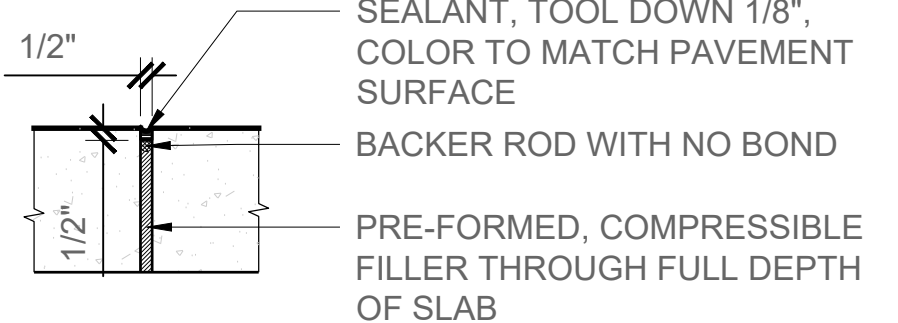
**4 BLUESTONE THRESHOLD** TYPICAL SECTION



**NOTES:**  
1. SEE LAYOUT PLANS FOR JOINT TYPE LOCATIONS AND LAYOUT.  
2. ISOLATION JOINT MAX 24' ON CENTER.  
3. REFER TO CIVIL DRAWINGS.

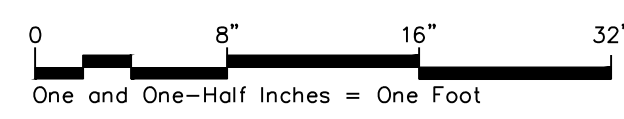


**SAWCUT CONTROL JOINT**

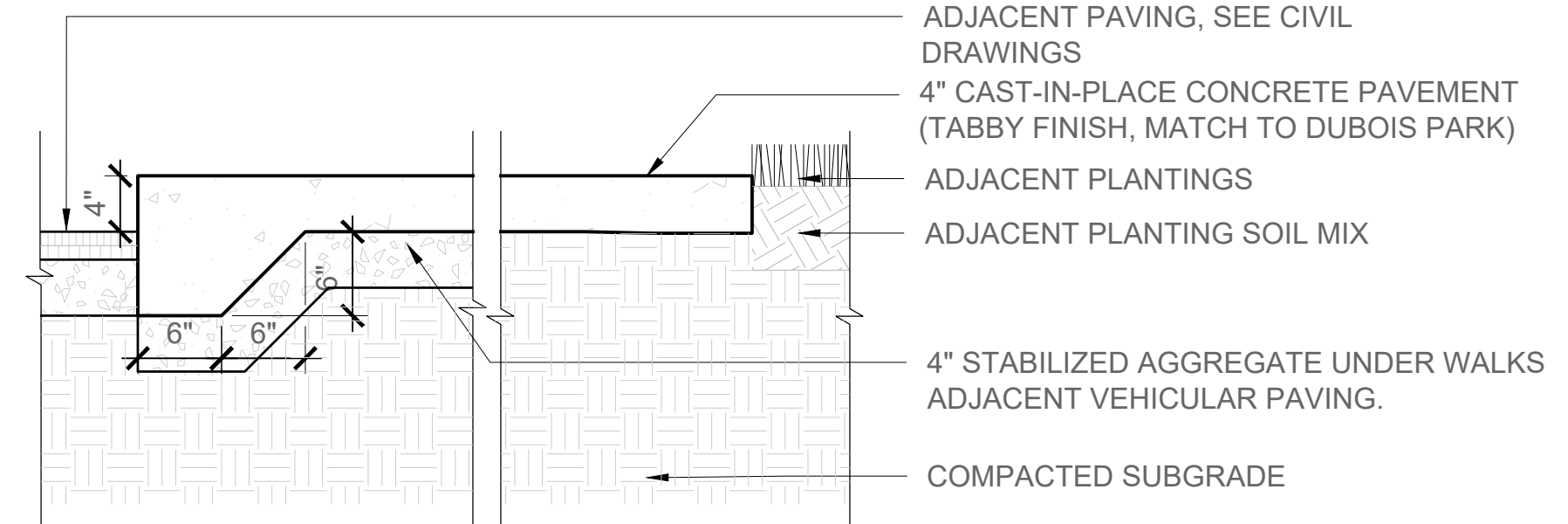


**ISOLATION JOINT**

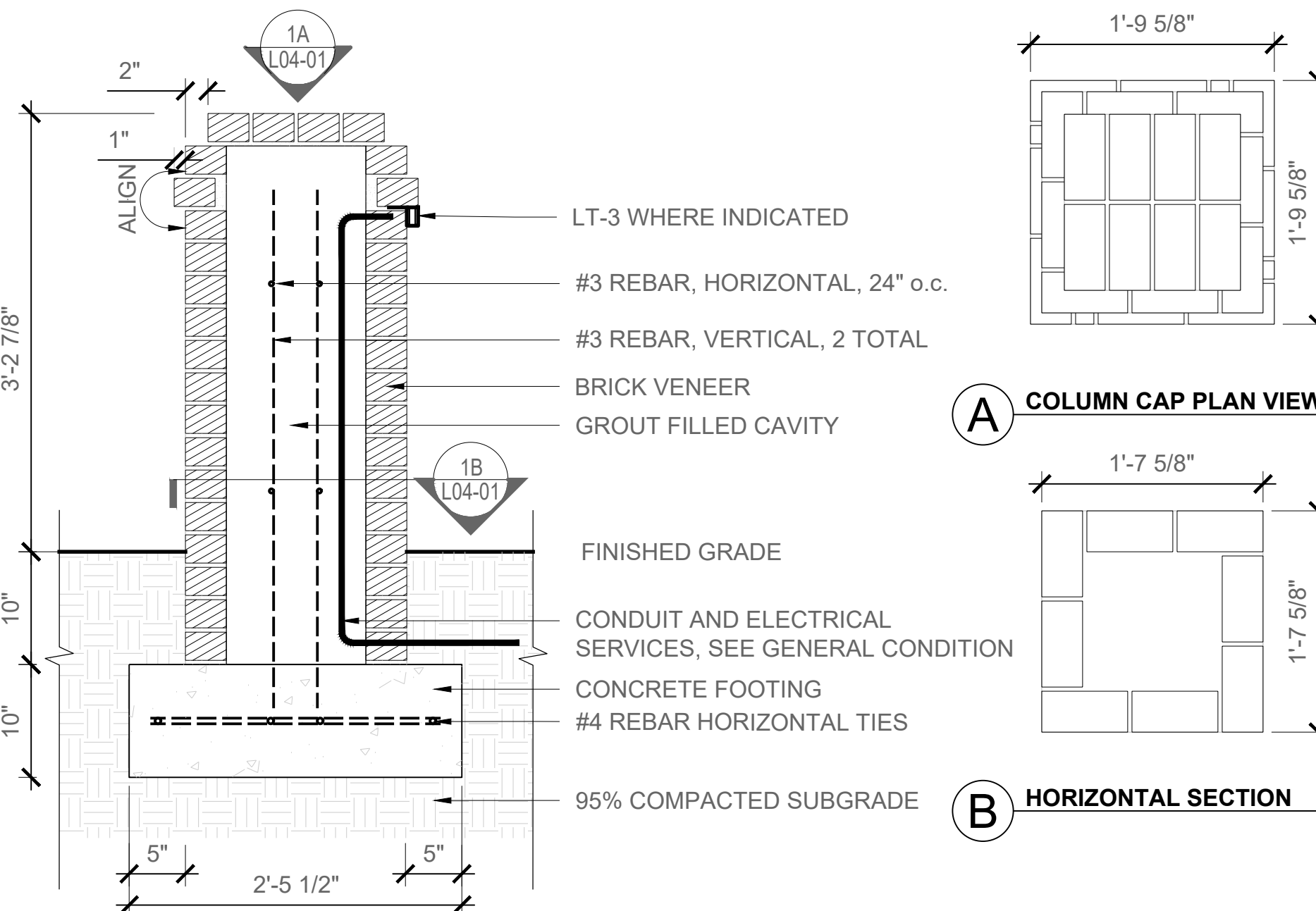
**3 ISOLATION AND CONTROL JOINTS** TYPICAL SECTION



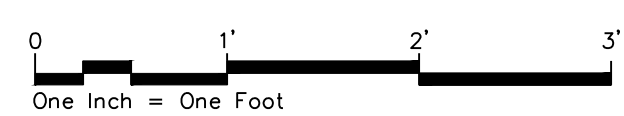
**NOTES:**  
1. 2" WELDED WIRE MESH REINFORCEMENT TO BE INCLUDED IN PAVING WITHIN ROOT ZONES. REFER TO LAYOUT PLAN FOR LOCATIONS.  
2. STABILIZED AGGREGATE BASE TO BE INCLUDED UNDER WALKS ADJACENT TO VEHICULAR PAVING. REFER TO LAYOUT PLAN FOR LOCATIONS.  
3. REFER TO CIVIL DRAWINGS.



**2 PCC-1: CONCRETE SIDEWALK** TYPICAL SECTION

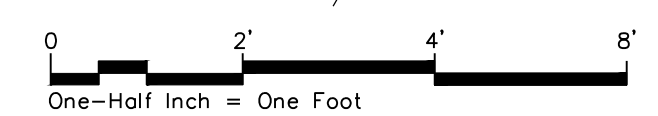
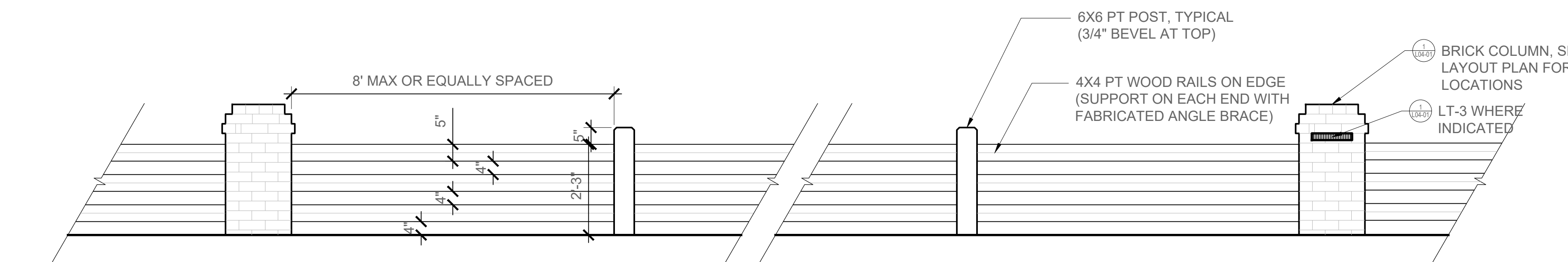


**1 BRICK COLUMN** TYPICAL SECTION



**6 RESTROOM ENLARGEMENT**

**5 RAIL FENCE**



**PERMIT & BID SET**  
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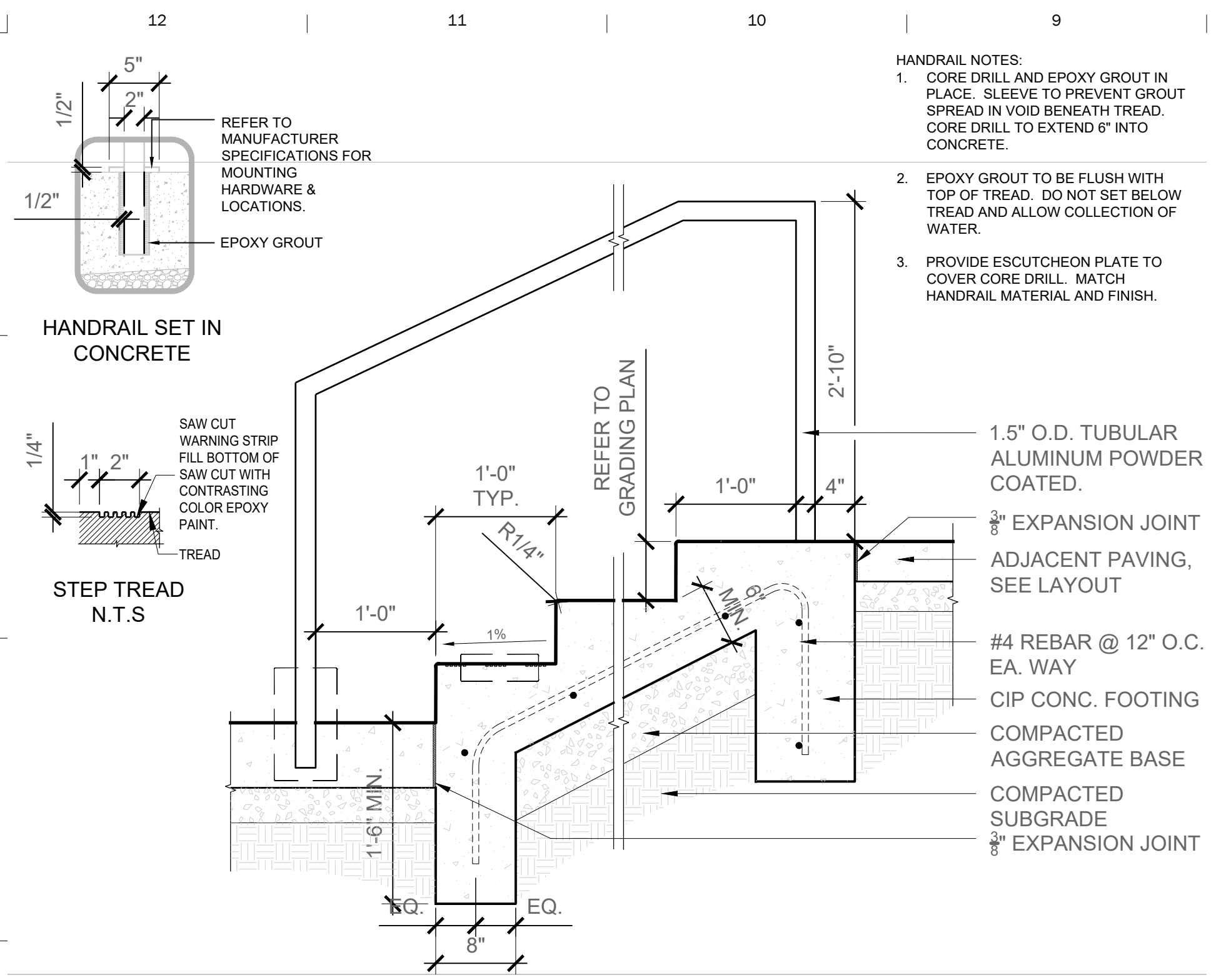
ISSUE DATE: 03.8.2019  
PROJECT NUMBER: s17538

SHEET NAME: DETAILS - HARDSCAPE

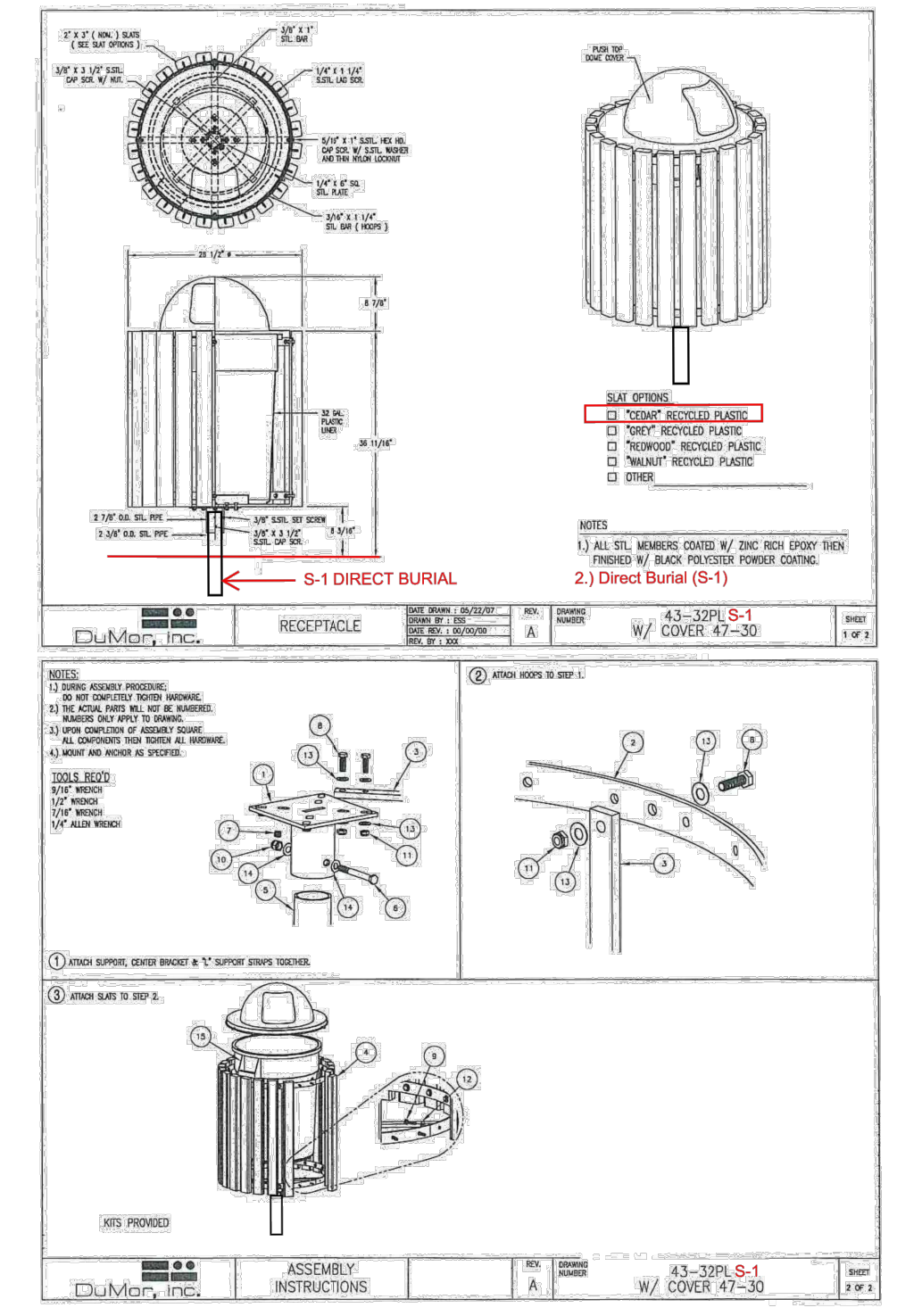
SHEET NUMBER: L04-01

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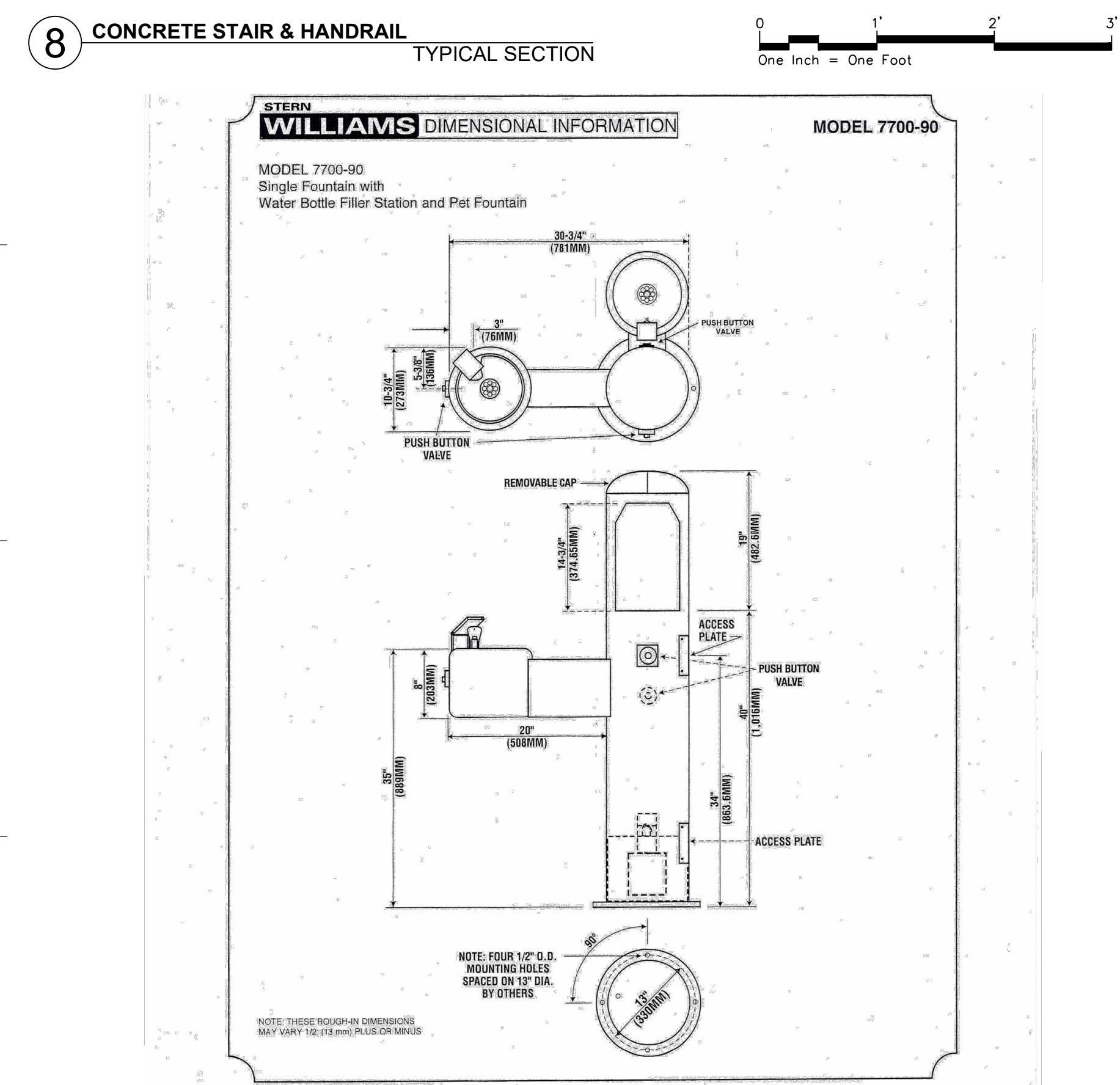


- HANDRAIL NOTES:**
1. CORE DRILL AND EPOXY GROUT IN PLACE. SLEEVE TO PREVENT GROUT SPREAD IN VOID BENEATH TREAD. CORE DRILL TO EXTEND 6" INTO CONCRETE.
  2. EPOXY GROUT TO BE FLUSH WITH TOP OF TREAD. DO NOT SET BELOW TREAD AND ALLOW COLLECTION OF WATER.
  3. PROVIDE ESCUTCHEON PLATE TO COVER CORE DRILL. MATCH HANDRAIL MATERIAL AND FINISH.

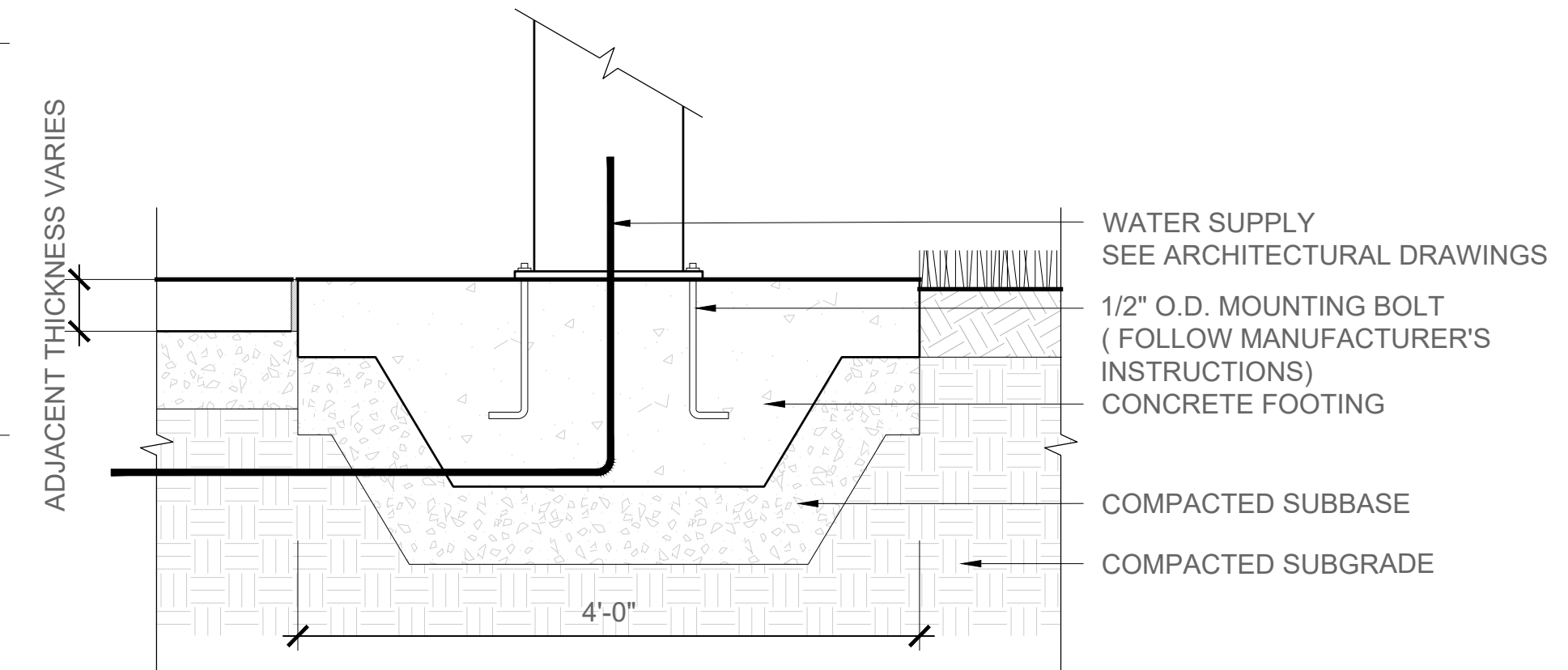


**8 CONCRETE STAIR & HANDRAIL** TYPICAL SECTION  
One Inch = One Foot

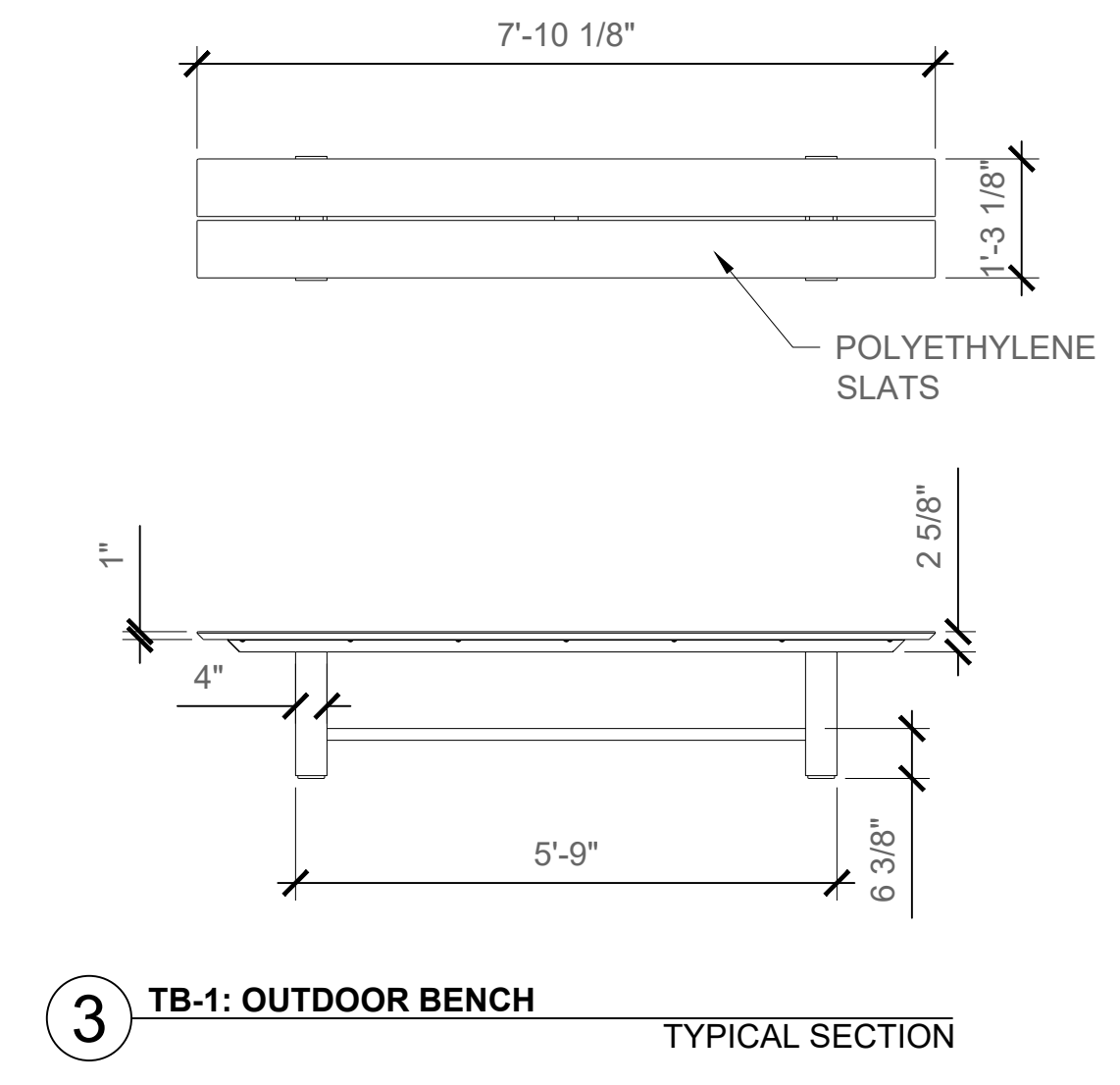
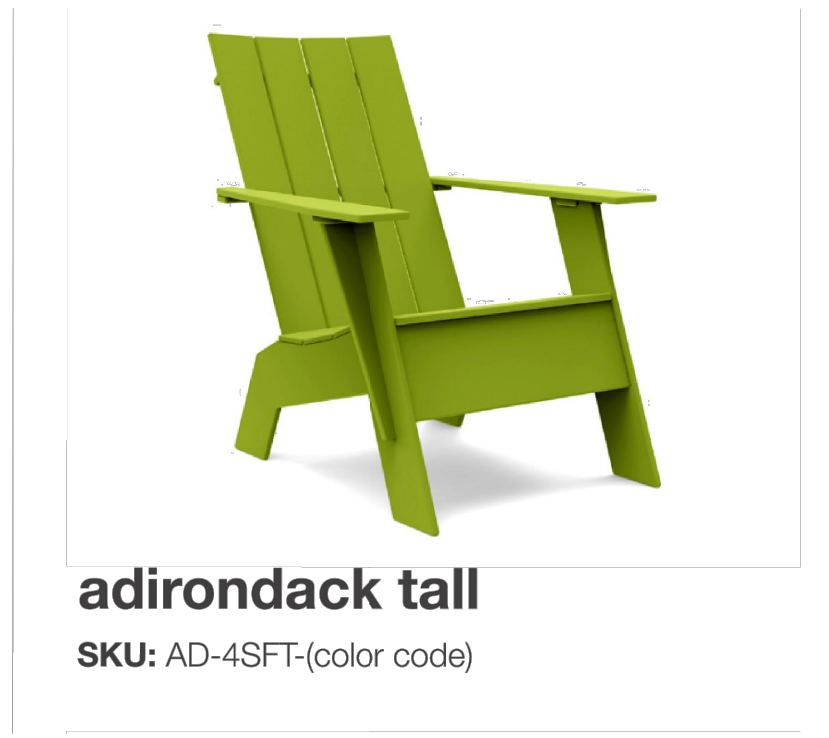
**6 TR-1: TRASH/RECYCLE RECEPTACLE** TYPICAL SECTION  
Three-Fourths Inch = One Foot



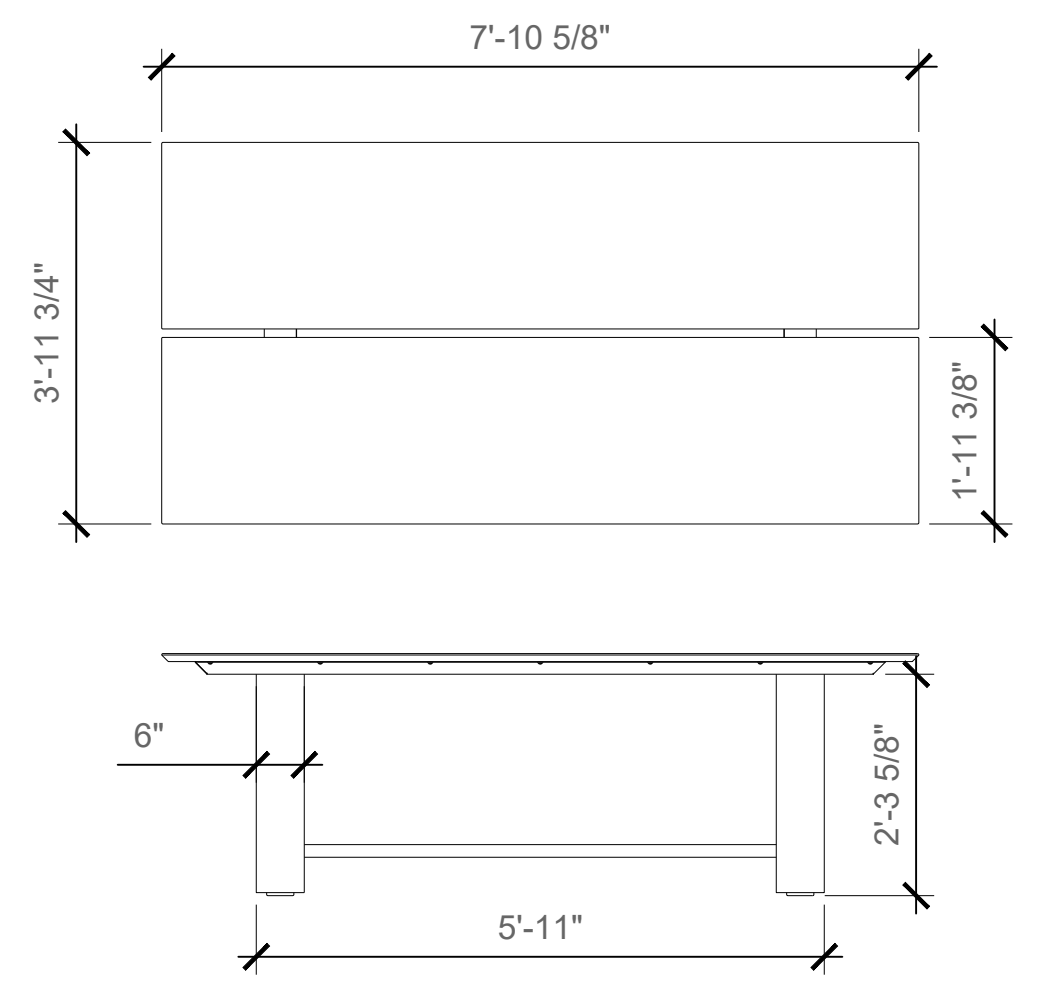
**5 SS-1, 2 & 3: SITE SIGNAGE** TYPICAL SECTION  
One Inch = One Foot



**4 CH-1: OUTDOOR CHAIR** TYPICAL SECTION



**3 TB-1: OUTDOOR BENCH** TYPICAL SECTION



**2 TB-1: OUTDOOR TABLE** TYPICAL SECTION



- NOTES:**
1. BR-1 END UNITS, BR-2 FIELD UNITS.
  2. IN-GROUND MOUNT.
  3. SUBMIT SHOP DRAWINGS.



**1 BR-1 (BR-2): BIKE RACK** TYPICAL SECTION

**7 WF-1: WATER FOUNTAIN** TYPICAL SECTION  
One Inch = One Foot

## PERMIT & BID SET

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A	190111	REVISIONS
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ISSUE DATE  
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PROJECT NUMBER  
s17538

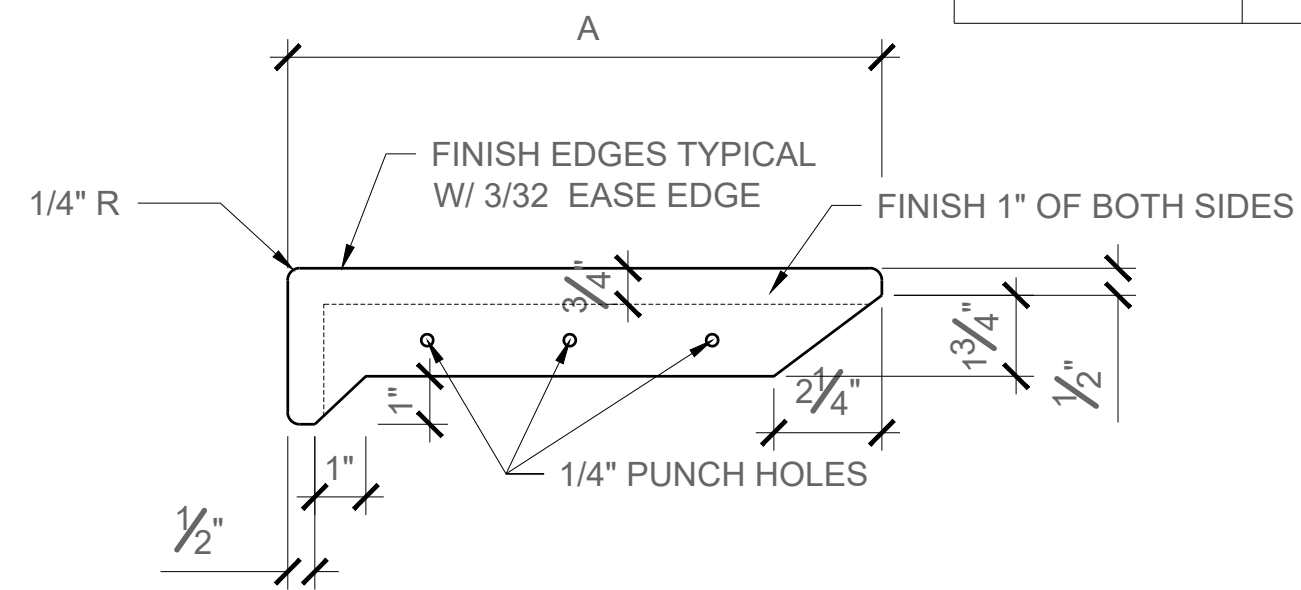
SHEET NAME  
**DETAILS - FFE**

SHEET NUMBER  
**L04-02**



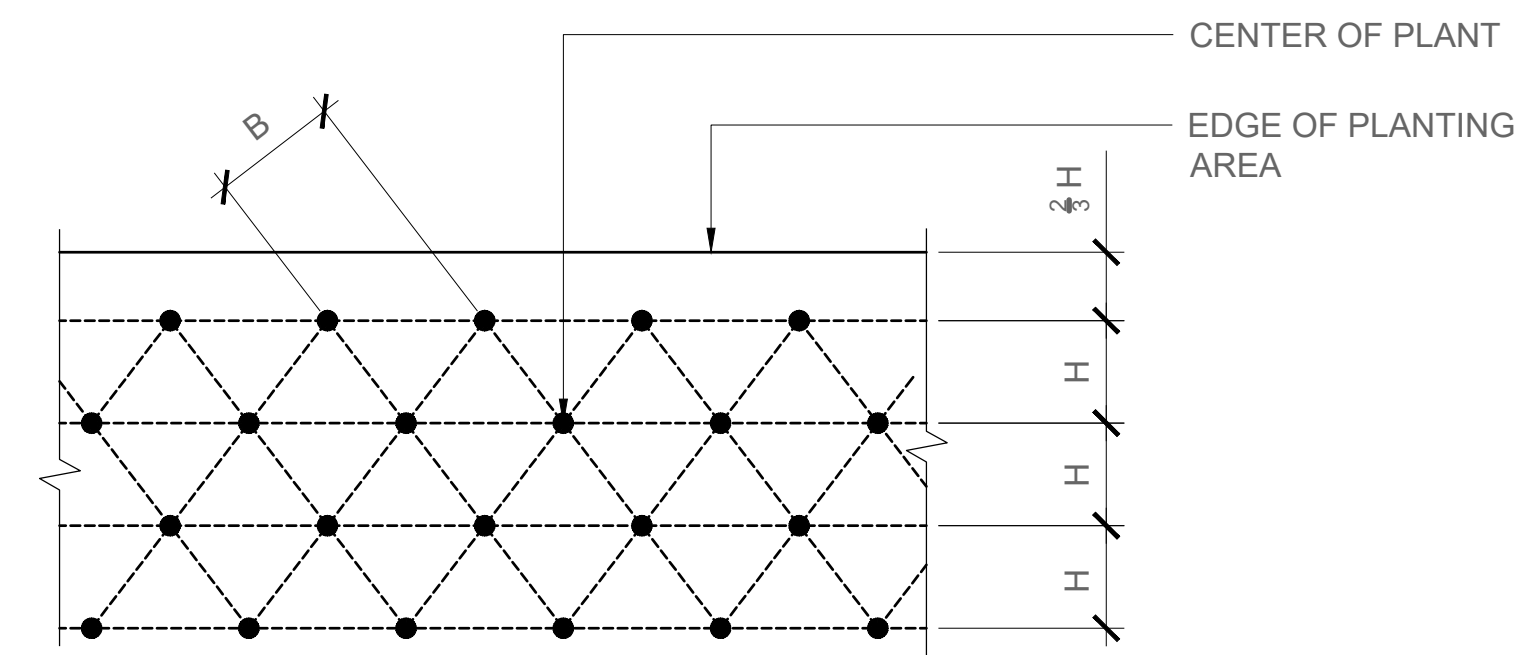
### SKATEBOARD DETERRENT SCHEDULE

WALL	A NOMINAL
12"	6"
24"	12"
36"	18"



**6** SKATEBOARD DETERRENT TYPICAL SECTION

NTS



TRIANGULAR SPACING = B	DISTANCE BETWEEN ROW = H	TOTAL AREA (SF) PER PLANT
6"	5"	0.21
8"	7"	0.39
9"	8"	0.50
10"	8 1/2"	0.59
12"	10 1/2"	0.88
15"	13"	1.35
18"	15 1/2"	1.94
21"	18"	2.63
24" (2')	21"	3.50
30"	26"	5.42
36"	31"	7.80
48" (4')	42"	13.84

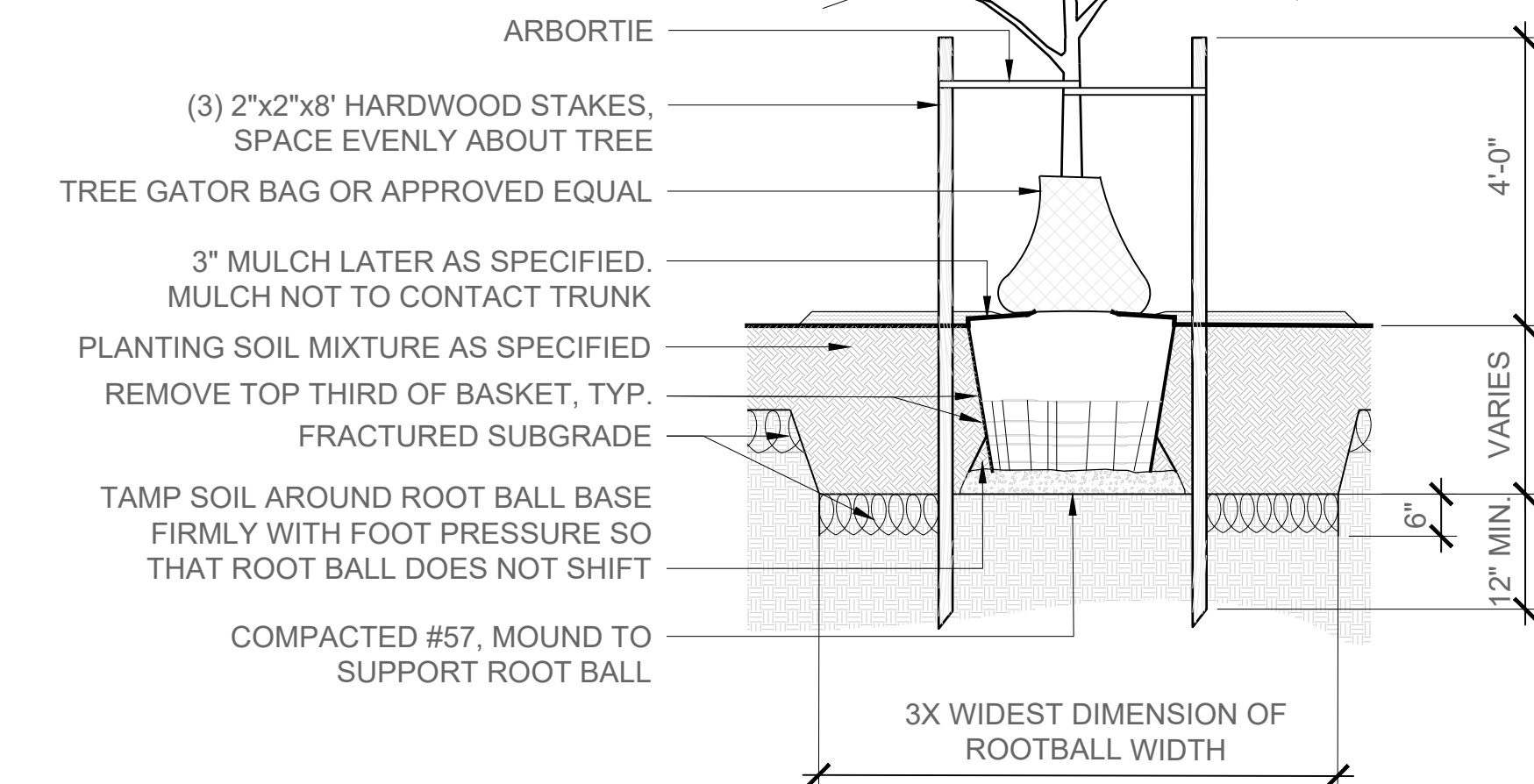
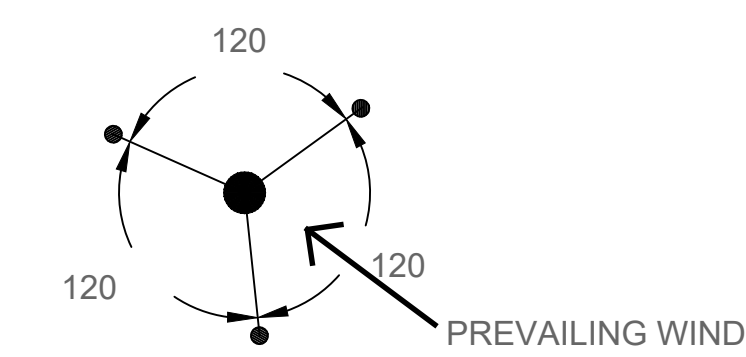
**2** PLANTING SPACING DETAILS TYPICAL SECTION



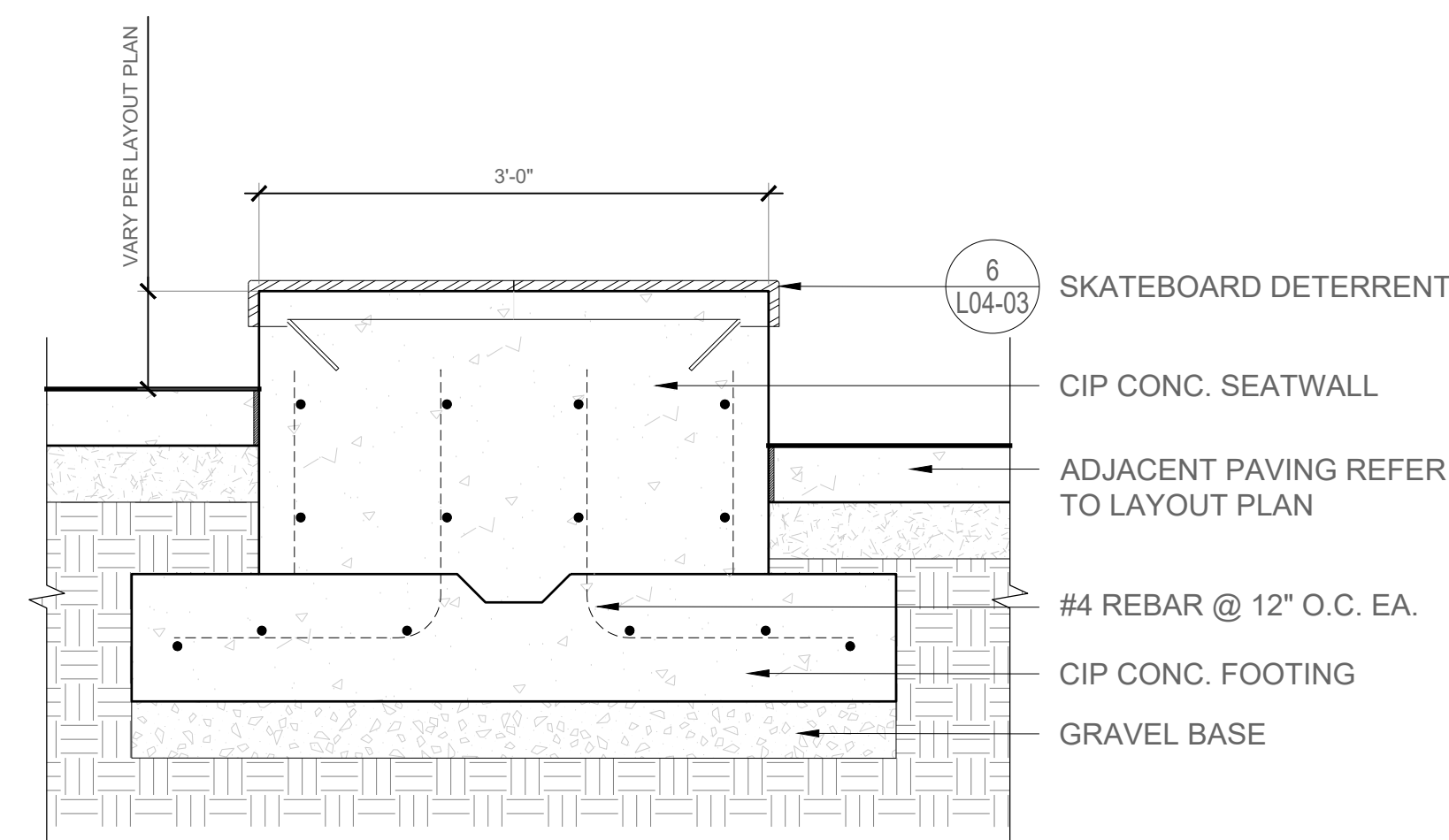
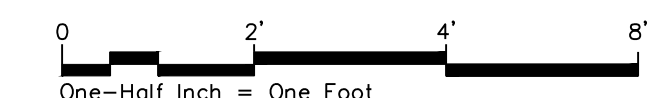
### NOTES:

- CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
- FINAL TREE STAKING PLACEMENT TO BE APPROVED BY OWNER.
- PLANTING PIT TO BE EXCAVATED THREE TIMES (3x) THE WIDTH OF THE ROOT BALL AND BACKFILLED WITH PLANTING SOIL MIXTURE.
- MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE.
- IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE THE TOP THIRD OF BASKET.
- REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM TOP HALF OF ROOTBALL.
- SET TREE PLUMB IN PLANTING PIT.
- EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL. TRUNK FLARE SHALL BE NO MORE THAN 1"-2" ABOVE GRADE.
- SYNTHETIC BURLAP IS NOT ACCEPTABLE, TREES HAVING SYNTHETIC BURLAP WILL BE REJECTED.
- DO NOT DRIVE STAKES INTO TREE ROOTBALL.

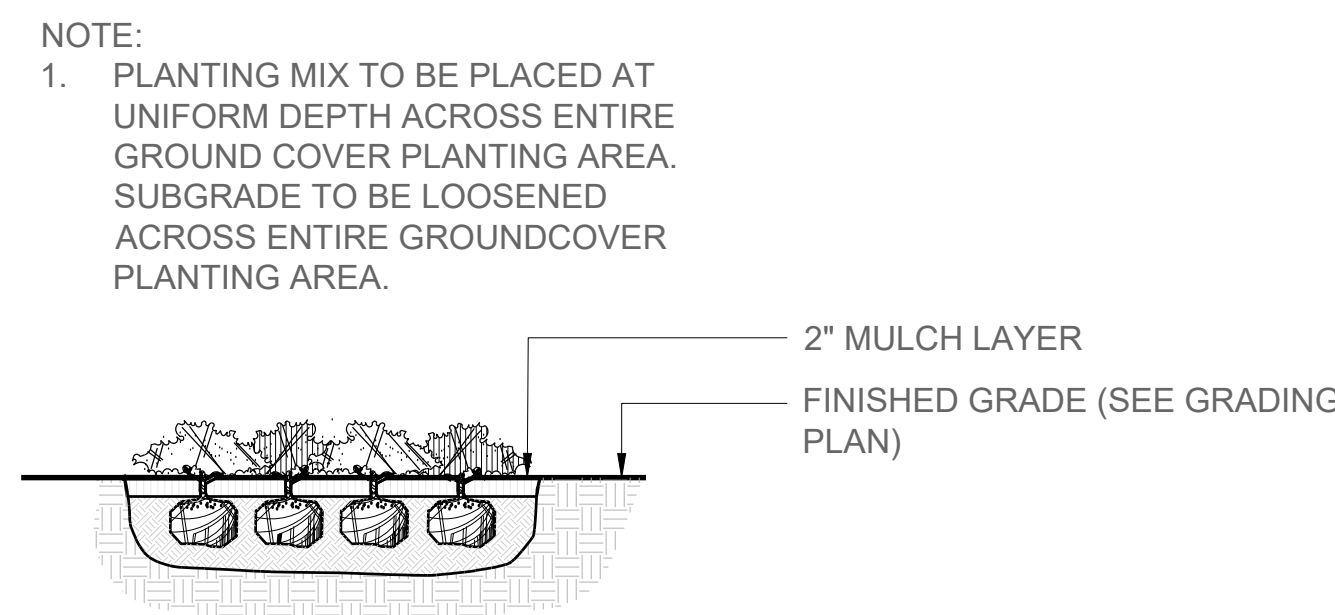
### STAKING PLAN



**1** TREE PLANTING AND STAKING TYPICAL SECTION

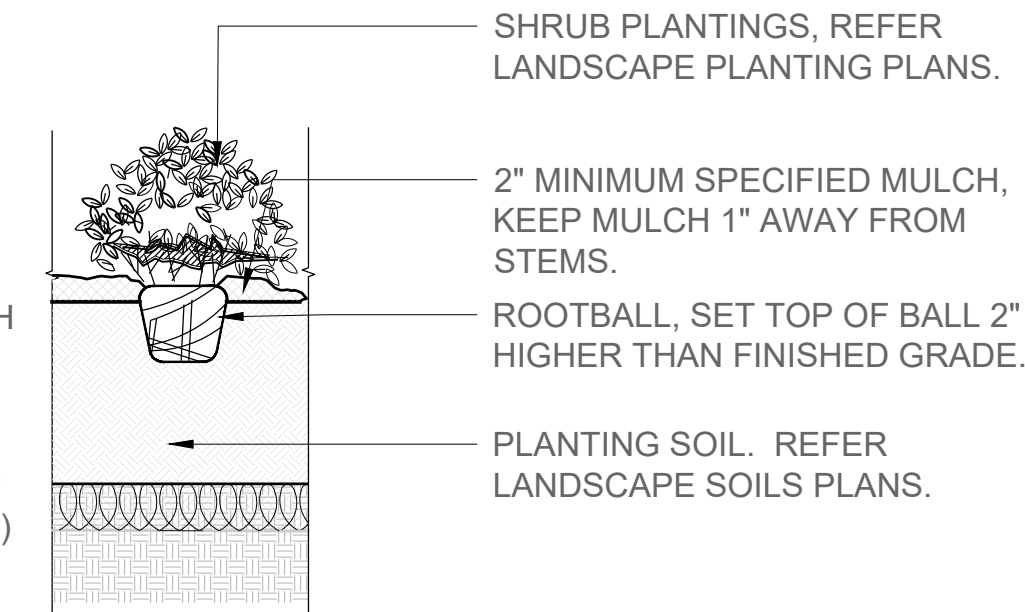


**4** GROUND COVER PLANTING DETAIL TYPICAL SECTION

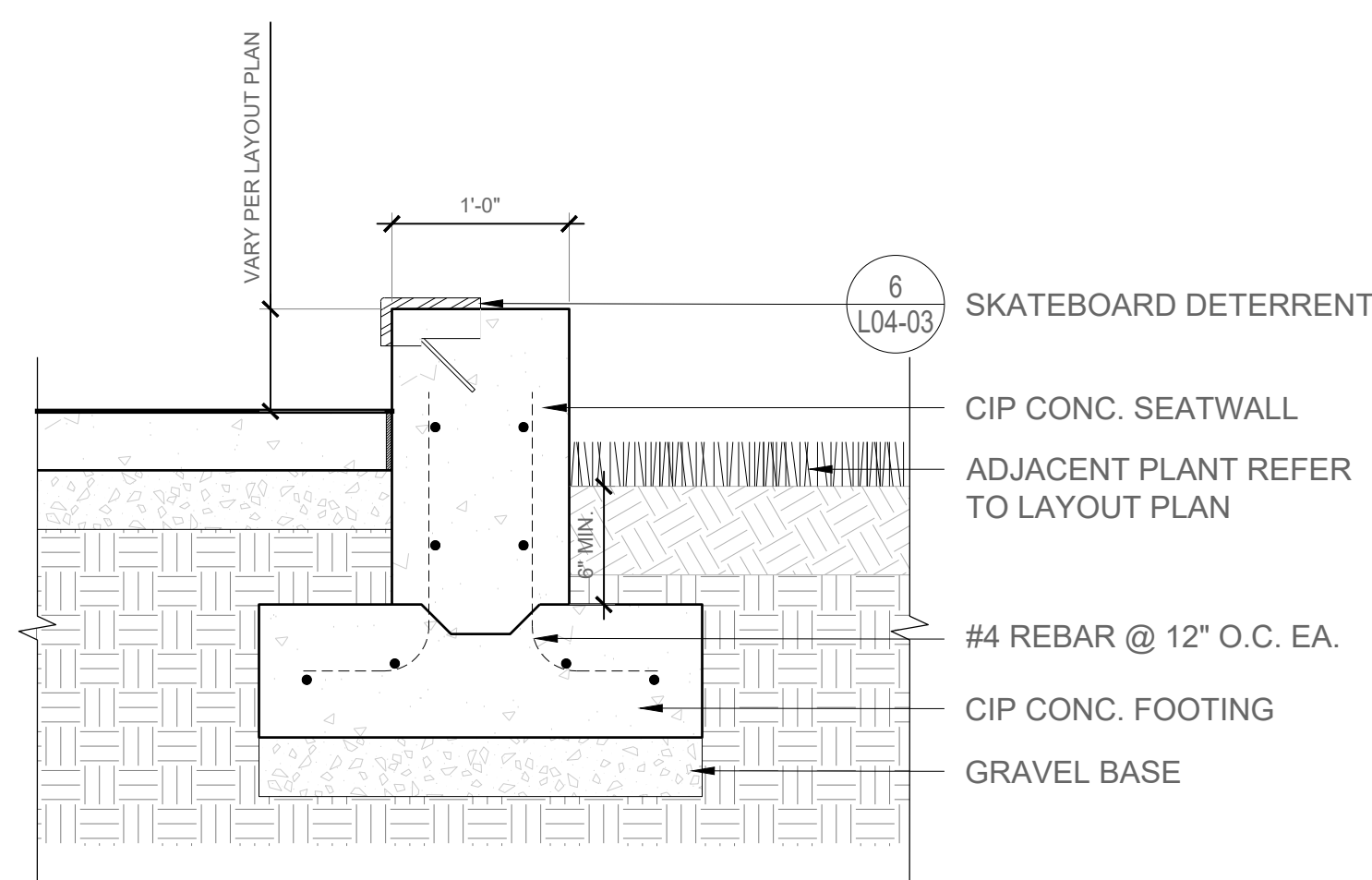
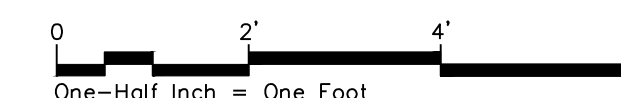


### NOTE:

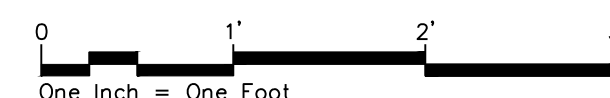
- CONTRACTOR SHALL ENSURE PERCOLATION OF ALL PLANTING PITS/BEDS PRIOR TO INSTALLATION.
- IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOTBALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN (1/2) OF ROOTBALL HEIGHT INTO PLANTING HOLE.



**3** SHRUB PLANTING DETAIL TYPICAL SECTION



**5** CAST IN PLACE SEATWALL TYPICAL SECTION



### PERMIT & BID SET

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SEAL

ISSUE DATE 03.8.2019 PROJECT NUMBER s17538

SHEET NAME  
DETAILS - SOFTSCAPE

SHEET NUMBER  
**L04-03**


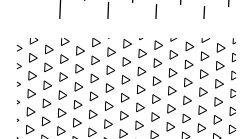




## SHEET NOTES

1. REFER TO WARD EDWARDS CIVIL ENGINEERING PLANS FOR STREET, PARKING, STORMWATER, AND UTILITY IMPROVEMENTS.
2. REFER TO PEARCE SCOTT ARCHITECTS FOR ALL STRUCTURAL IMPROVEMENTS.
3. IRRIGATION SYSTEM TO BE TORO BRAND PRODUCTS.
4. IRRIGATION IS DELEGATED DESIGN: DESIGN 100% COVERAGE IRRIGATION SYSTEM USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA INDICATED ON PLANS AND SPECIFICATIONS. REFER TO SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

## KEY NOTES

## IRRIGATION LEGEND

-  POP-UP EMITTERS
-  DRIP IRRIGATION
-  ACCEPTABLE IRRIGATION BOX LOCATIONS
-  POC POINT OF CONNECTION

## PERMIT & BID SET

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ISSUE DATE  
03.8.2019

PROJECT NUMBER  
s17538

SHEET NAME  
**SCHEMATIC IRRIGATION  
SITE PLAN**

SHEET NUMBER  
**LI01-01**

