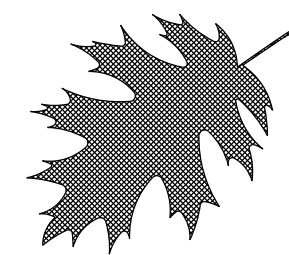


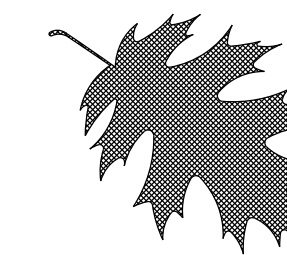
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for the convenience of the user
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with their signature on that page.**

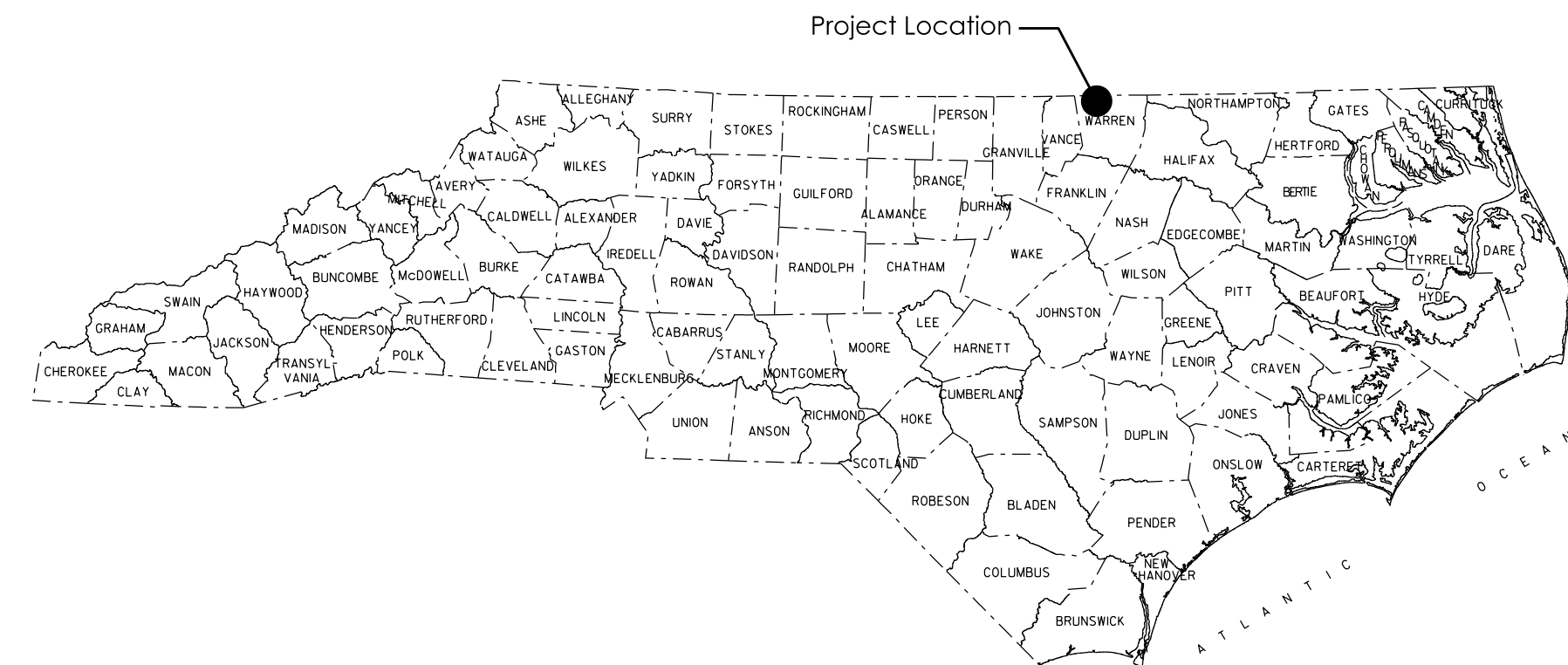
**This file or an individual page
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HIGHWAY LANDSCAPE DEVELOPMENT PROJECT

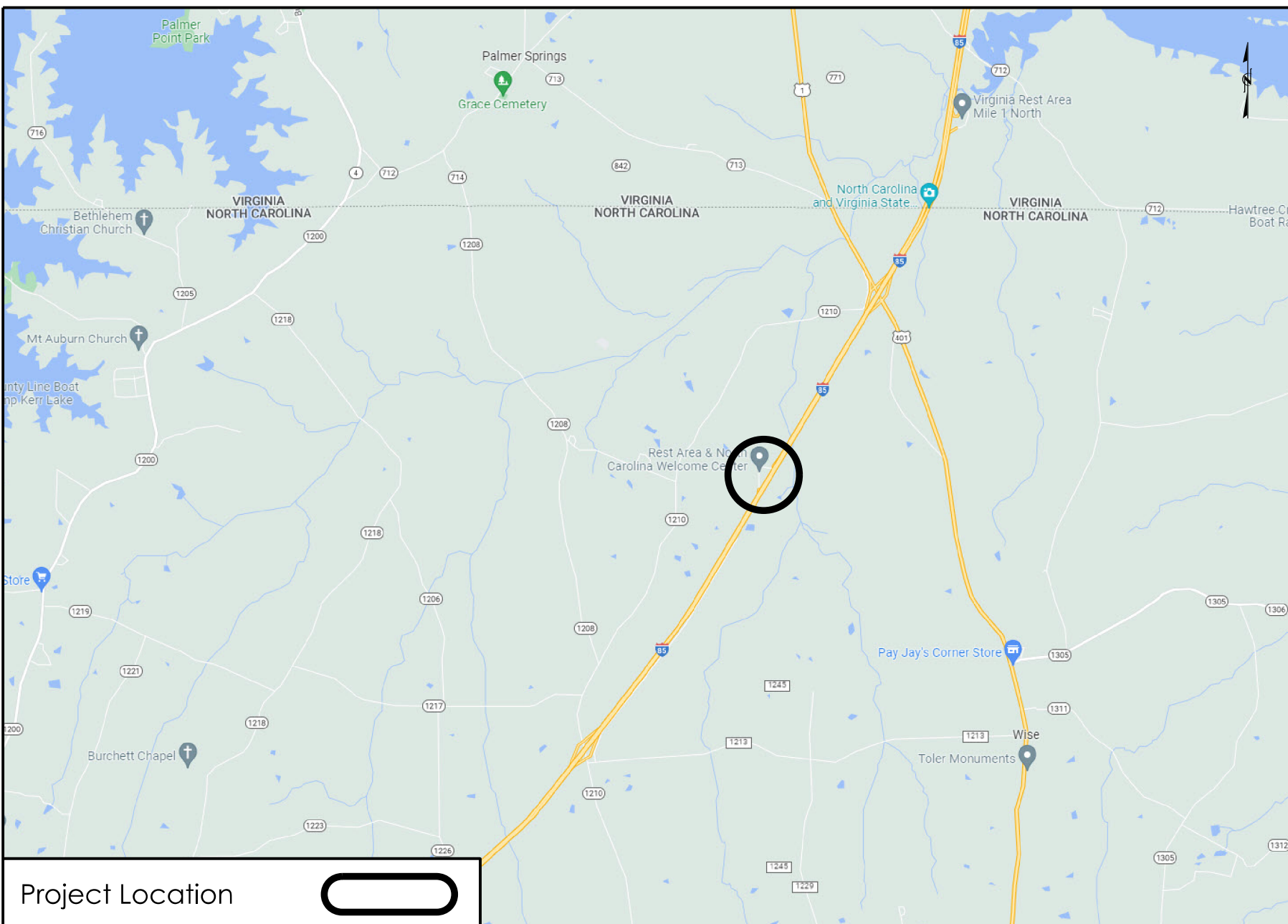


T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
-----	15RE.15.3	L1	14
FED. PROJ. #	DESCRIPTION		DIVISION
-----	Courtyard Renovation		5



Summary of Quantities 1 Year Establishment Period

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	FURNISH	REMARKS	A.S.N.S.
Trees									
L	1670	1	ea	MJ	<i>Magnolia 'Jane'</i>	Jane Magnolia	6-7'; B&B	As Shown	2.4
Shrubs									
L	1670	21	ea	AG	<i>Abelia x grandiflora 'Radiance'</i>	Radiance Abelia	18-24"; #3	3.5' O.C.	3.3
L	1670	50	ea	DC	<i>Distylium 'PIIDIST-V'</i>	Cinnamon Girl® Distylium	15-18"; #3	3' O.C.	5.4
L	1670	25	ea	FG	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	15-18"; #3	2.5' O.C.	3.2
L	1670	33	ea	HL	<i>Hydrangea paniculata 'Little Quick Fire'</i>	Little Quick Fire® Panicle Hydrangea	18-24"; #3	3.5' O.C.	3.3
L	1670	26	ea	IV	<i>Ilex vomitoria 'Stoke's Dwarf'</i>	Stoke's Dwarf Yaupon Holly	18-24"; #3	3' O.C.	5.6
L	1670	27	ea	PO	<i>Prunus laurocerasus 'Otto Luyken'</i>	Otto Luyken English Laurel	18-24"; #3	4.5' O.C.	3.3
L	1670	13	ea	RE	<i>Rhododendron 'Conleb'</i>	Encore® Autumn Embers™ Azalea	18-24"; #3	3' O.C.	5.5
L	1670	18	ea	RR	<i>Rhododendron 'Roblev'</i>	Encore® Autumn Ivory™ Azalea	18-24"; #3	2.5' O.C.	5.5
Grasses/Groundcovers/Perennials									
L	SP	306	sy	TB	<i>Cynodon dactylon x transvaalensis</i>	TiffTuf Bermudagrass	Sod	Tight Seams	n/a
L	1670	322	ea	LM	<i>Liriope muscari 'Big Blue'</i>	Big Blue Lilyturf	6-12"; #1 Cont.	15" O.C.	13.5
L	1670	34	ea	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	18-24"; #3	3' O.C.	13.4
L	1670	56	ea	PS	<i>Phlox subulata 'Drummond's Pink'</i>	Drummond's Pink Creeping Phlox	6-12"; #1 Cont.	15" O.C.	13.5
L	1670	38	ea	RG	<i>Rudbeckia fulgida var. sullivantii 'Goldsturm'</i>	Goldsturm Black-Eyed Susan	6-12"; #1 Cont.	2' O.C.	13.3
L	1670	22	ea	ST	<i>Sporobolus heterolepis 'Tara'</i>	Dwarf Prairie Dropseed	6-12"; #1 Cont.	2.5' O.C.	13.4
Other Vegetation Costs									
L	1670	1281	sy		Existing Plant Bed Removal				
L	1670	18	ea		Monthly Establishment				
L	1670	93	cy		Mulch for Planting				4" Depth
L	1670	839	sy		Pre emergence Herbicidal Treatment				
L	1670	839	sy		Post emergence Herbicidal Treatment				
L	1651	5	ea		Selective Tree Removal (6")				
L	1651	5	ea		Selective Tree Removal (10")				
L	1651	2	ea		Selective Tree Removal (15")				
L	1670	1	ea		Selective Tree Transplanting				
L	1670	13	m/g		Water for Planting				
Other Construction Costs									
L	846	10	LF		2'-6" Concrete Curb and Gutter				
L	848	857	sy		4" Concrete Sidewalk				
L	848	28	sy		6" Concrete Driveway				
L	SP	11	ea		Bollards				
L	SP	63	LF		Brick Veneer Seat Wall				
L	SP	0.33	ton		Chapel Hill Grit Stone				
L	SP	2	ea		Cigarette Snuffer				
L	SP	33	LF		Compost Filter Sock Inlet Protection				
L	848	2	ea		Concrete Curb Ramp				
L	SP	1	LS		Concrete Steps w/ Handrail				
L	SP	1	LS		Demolition				
L	SP	15	LF		Edging				
L	SP	1	LS		Landscape Grading				
L	800	1	LS		Mobilization				
L	SP	4	ea		Parking Stops				
L	SP	2	ea		Precast Concrete Cap				
L	SP	13	cy		Topsoil				
L	SP	594	LF		Tree Protection/Silt Fence				
L	SP	1	LS		Water Feature				
* m/g - 1,000 Gallons									



NOTES:

- The Rest Area site will be closed to the public during the construction of the project.
- Existing conditions shown on the plans are based on survey information and roadway plans. actual site conditions may vary.
- Prior to any demolition or work taking place, the contractor shall locate and verify all utility lines and structures within the construction areas (water, sewer, gas, electrical, etc.)
- The contractor shall take the necessary precautions to prevent damage of adjacent plant material, facilities, and structures to remain. The contractor shall restore disturbed areas to their original condition and to the satisfaction of the Division Roadside Environmental Engineer.
- The utilities shown on the plans are approximate locations. The contractor shall locate and protect in place all existing utilities before digging occurs and major construction begins.
- Demolition, removal, and disposal of items from the site must be completely in accordance with the law. The contractor is responsible for making a site visit to determine and verify all demolition requirements prior to bidding.
- The contractor shall verify all conditions and dimensions at the job site prior to construction, and if discrepancies are found, notify the Division Roadside Environmental Engineer for clarification.

CONVENTIONAL SYMBOLS

County Line.....	-----
City or Town Line.....	-----
Exist. Right of Way Line Marker.....	-----▲-----
Prop. Right of Way Line Marker (By Others).....	-----▲-----
Prop Right of Way Line Marker (By Contract).....	-----▲-----
Exist. Control of Access Line.....	-----○-----
Prop. Control of Access Line.....	-----○-----
Property Line.....	-----
Easement Line.....	-----
Slope Stake Line.....	-----
Exist. Fence.....	-----
Prop. Woven Wire Fence.....	-----
Prop. Chain Link Fence.....	-----
Exist. Road.....	-----
Prop. Road.....	-----
Guardrail.....	-----
Survey Line.....	-----
Denotes Line Equality.....	-----
Bridge.....	-----
Culvert.....	-----
Railroad.....	-----
Woods.....	-----
Exist. Telephone Pole.....	-----
Prop. Telephone Pole.....	-----
Tower Pole and Line.....	-----
Exist. Power Pole.....	-----
Prop. Power Pole.....	-----
Sanitary Sewer Line.....	-----
Water Line.....	-----
Gas Line.....	-----
Picnic Shelter.....	-----
Regeneration.....	-----
Reforestation.....	-----

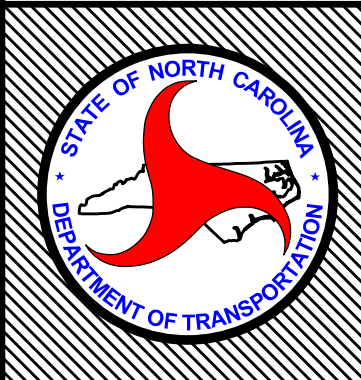
INDEX OF L SHEETS:

- L 1.0 - Title Sheet
- L 2.0 - Original Grading & Drainage Plan
- L 3.0 - Original Site Utility Plan
- L 4.0 - Original Landscape Lighting Plan
- L 5.0 - Existing Conditions Plan 2022
- L 6.0 - Demolition Plan
- L 7.0 - Hardscapes Plan
- L 8.0 - Planting Plan
- L 9.0 - Grading Plan
- L 10.0 - Dimensions Plan
- L 11.0 - Planting Details
- L 12.0 - Hardscape Details
- L 13.0 - Concrete Stairs Details
- L 14.0 - Waterfall & Stream Details

PREPARED BY: K. Cooper DATE: 8/30/2022

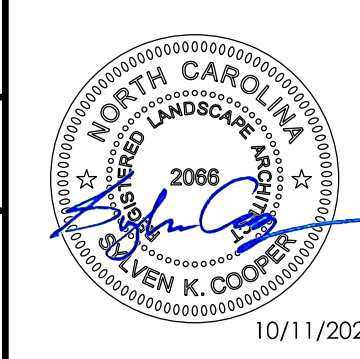
REVISIONS

DATE	DESCRIPTION



STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: I-85 S, Mile Marker 231
TYPE of WORK: Courtyard Renovation
COUNTY: Warren County

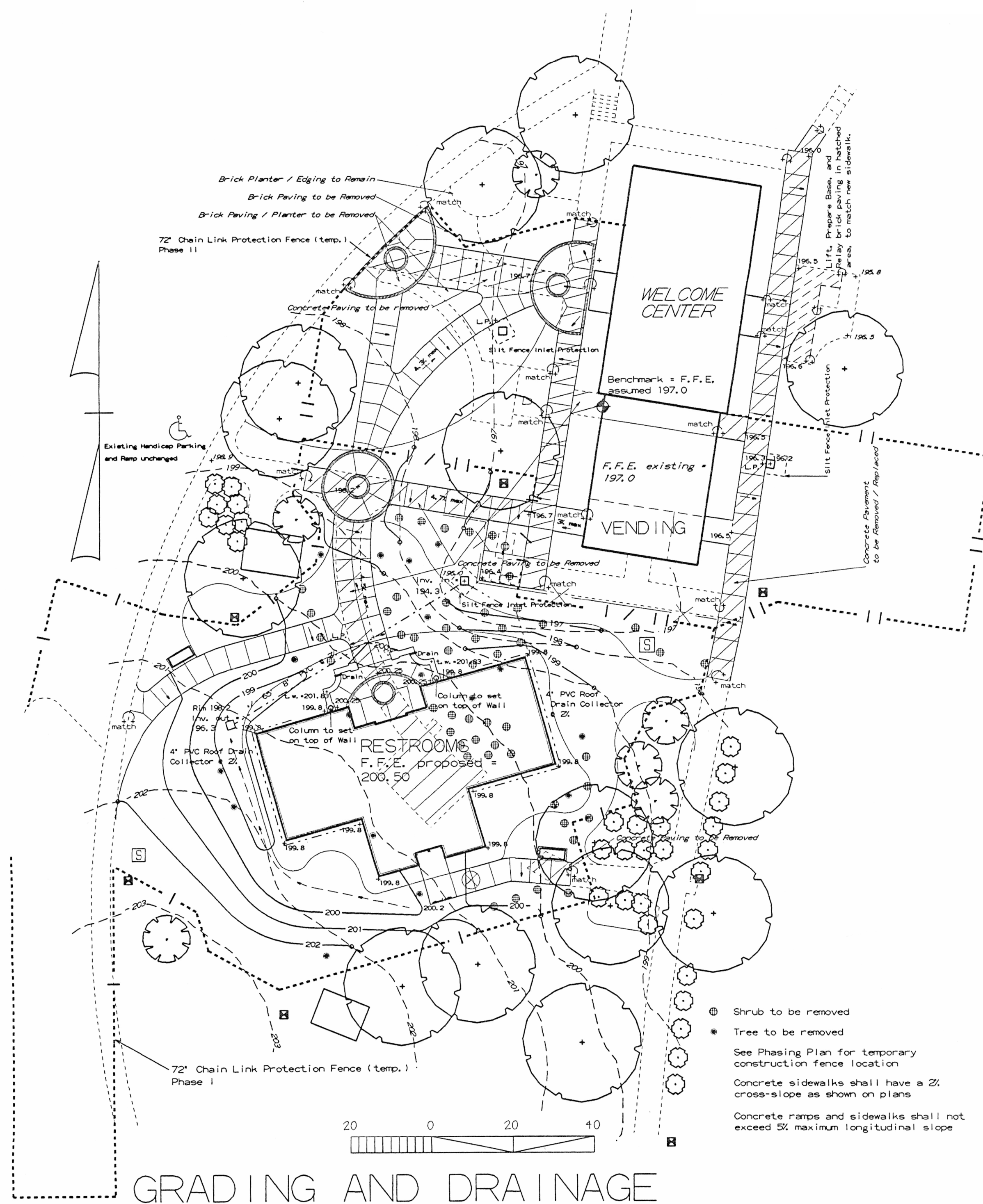


2014 American Standard for Nursery Stock
2018 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER
RALEIGH, NC 27699 919-707-2920

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	K-3302		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
0.1410601	1M5-05-4*95*231		

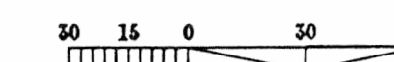
ORIGINAL GRADING & DRAINAGE PLAN

(Existing conditions as constructed in 1999)



- LIGHT
- DRAIN INLET
- DRINKING FOUNTAIN

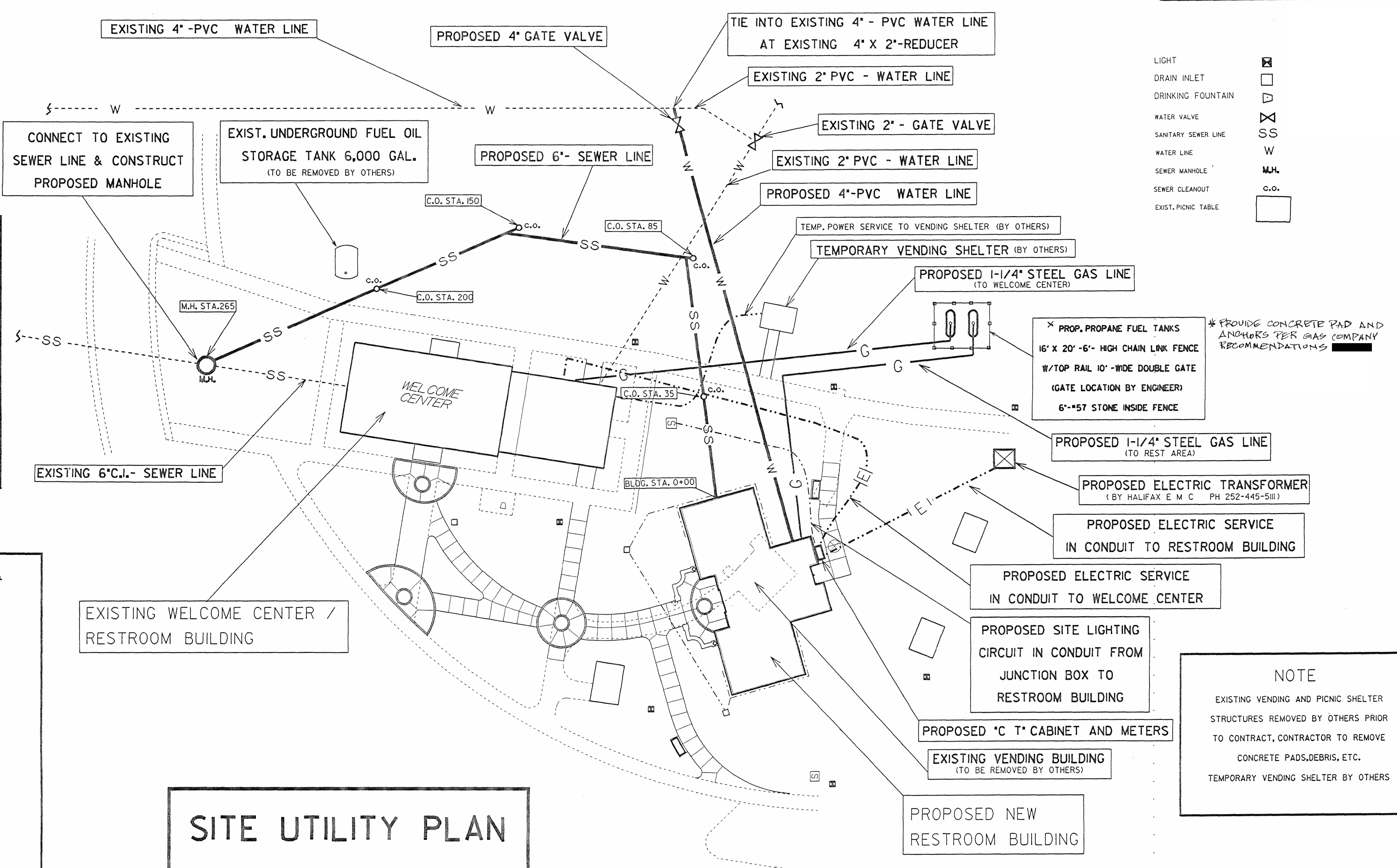
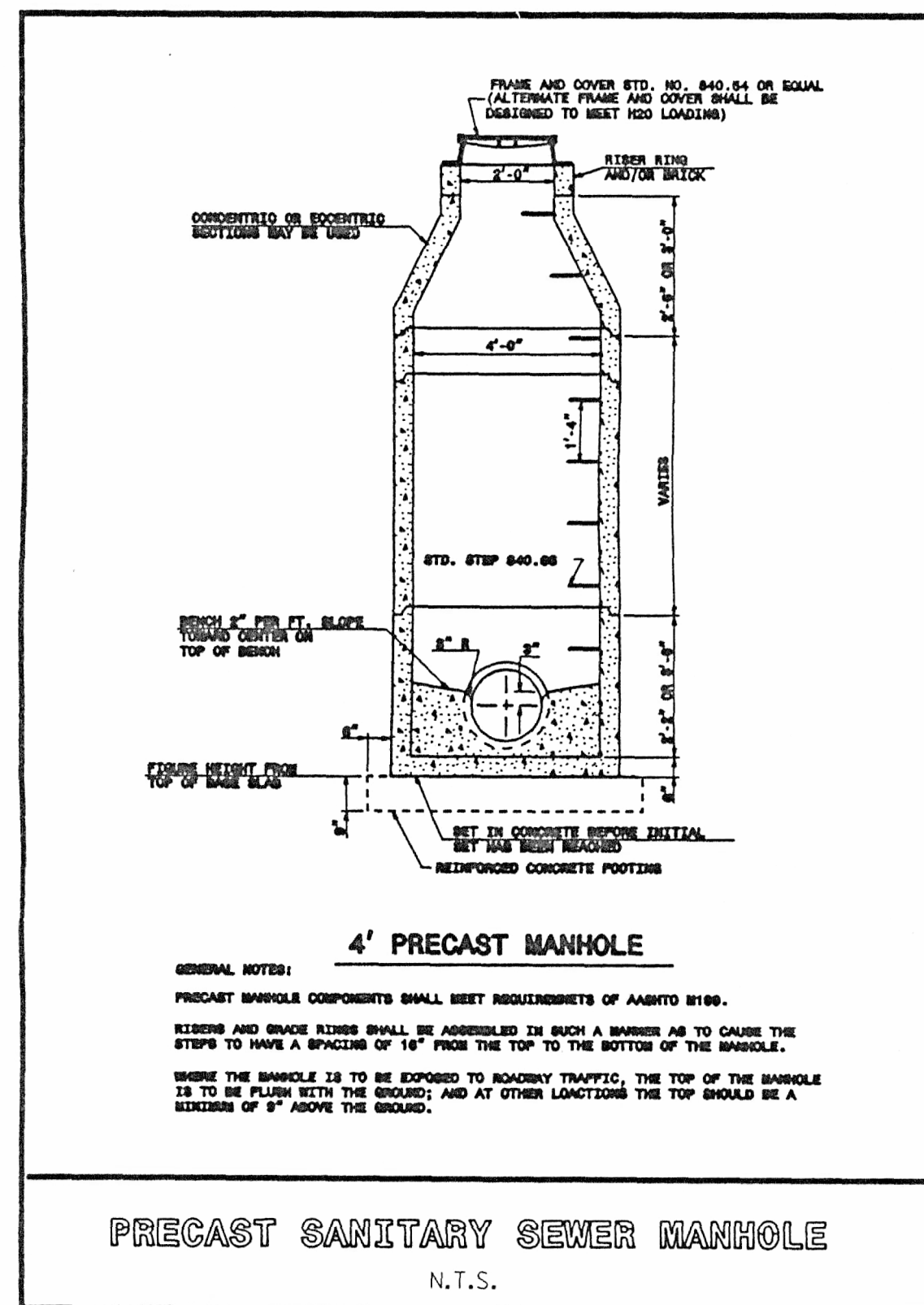
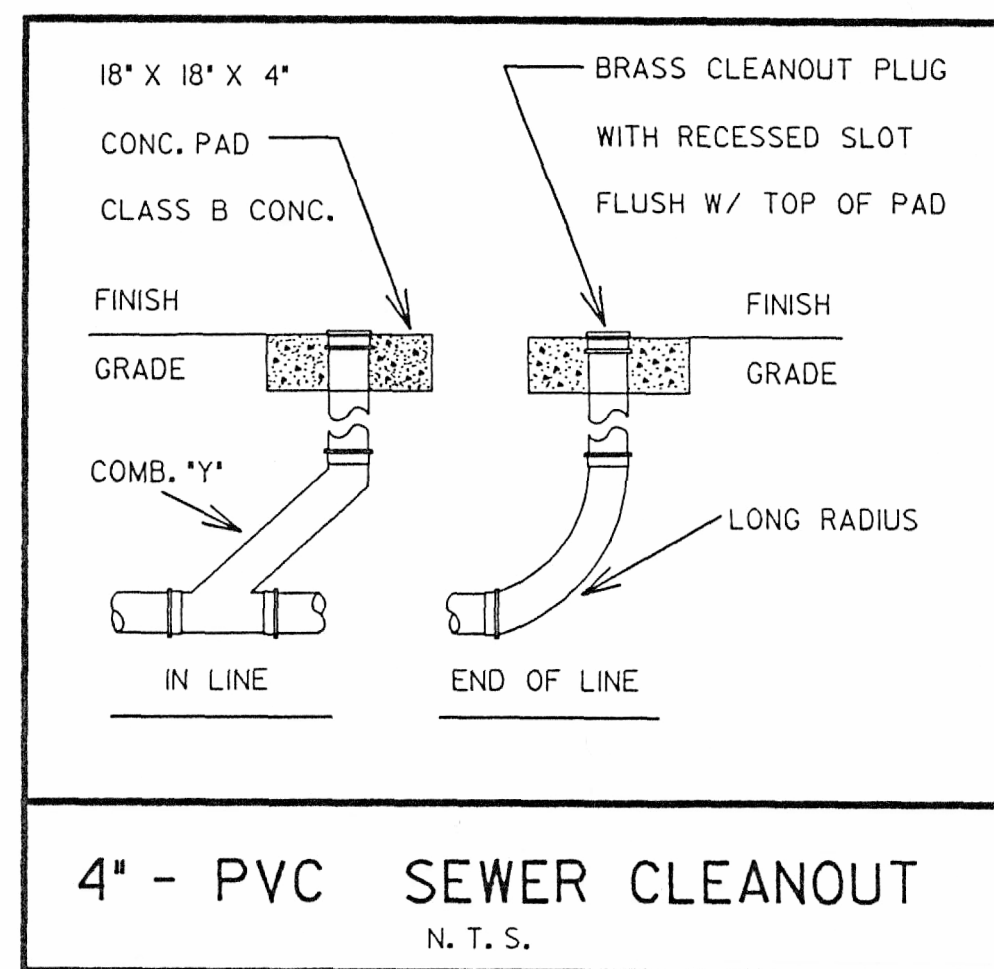
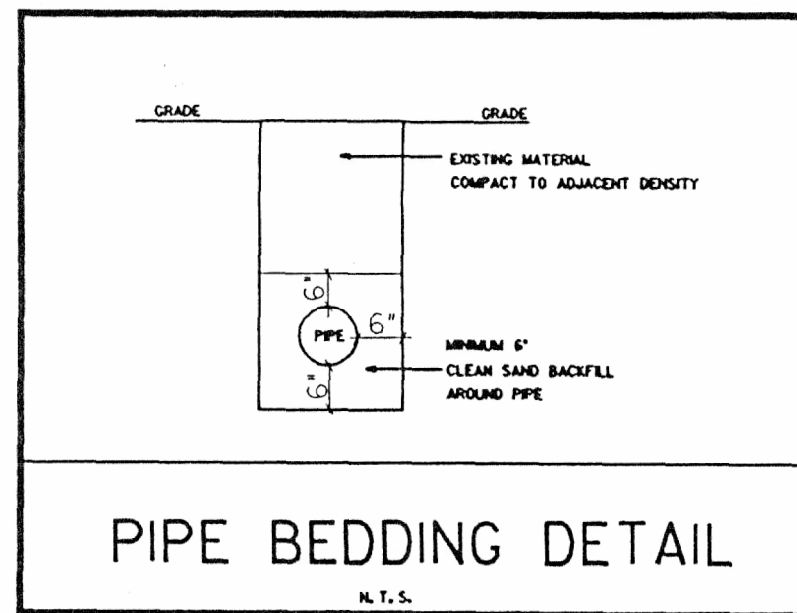
I-85 Warren County Welcome Center
REST AREA RENOVATIONS



ORIGINAL SITE UTILITY PLAN

(Existing conditions as constructed in 1999)

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	0.1410601		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
0.1410601			



LIGHT	☒
DRAIN INLET	□
DRINKING FOUNTAIN	◻
WATER VALVE	⊗
SANITARY SEWER LINE	SS
WATER LINE	W
SEWER MANHOLE	M.H.
SEWER CLEANOUT	c.o.
EXIST. PICNIC TABLE	□

SITE UTILITY PLAN

*Everything proposed on this plan is now existing

NOTE
 CONTRACTOR TO LOCATE ALL EXISTING UNDERGROUND LIGHT CIRCUITS, WATER LINES, SEWER LINES, FUEL TANK AND FUEL LINES WITHIN THE CONSTRUCTION LIMITS PRIOR TO BEGINNING WORK

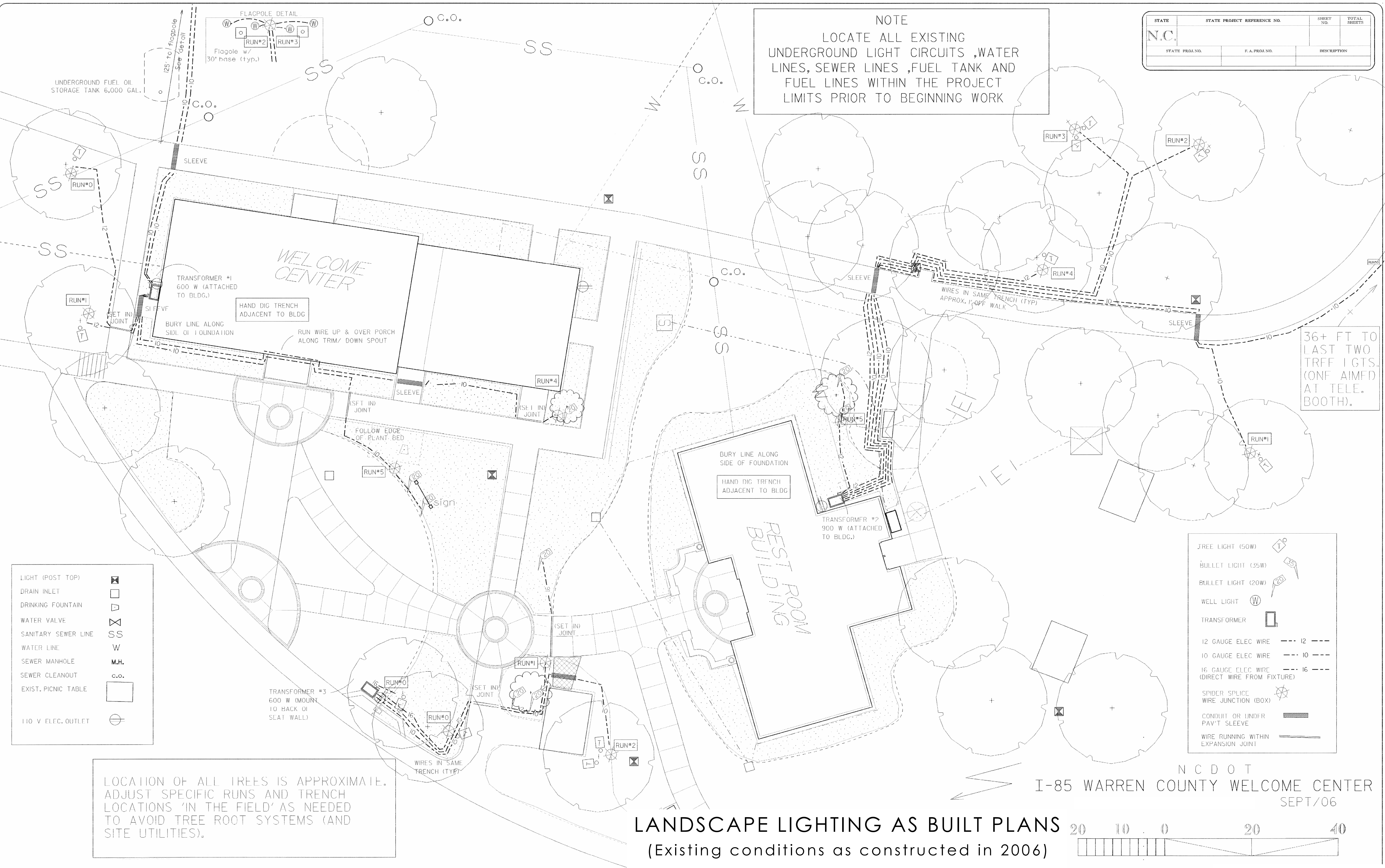
NOTE
 EXISTING VENDING AND PICNIC SHELTER STRUCTURES REMOVED BY OTHERS PRIOR TO CONTRACT, CONTRACTOR TO REMOVE CONCRETE PADS, DEBRIS, ETC.
 TEMPORARY VENDING SHELTER BY OTHERS

N C D O T
 I-85 WARREN COUNTY WELCOME CENTER
 NEW RESTROOM BUILDING
 8/99

SCALE: 1" = 20'

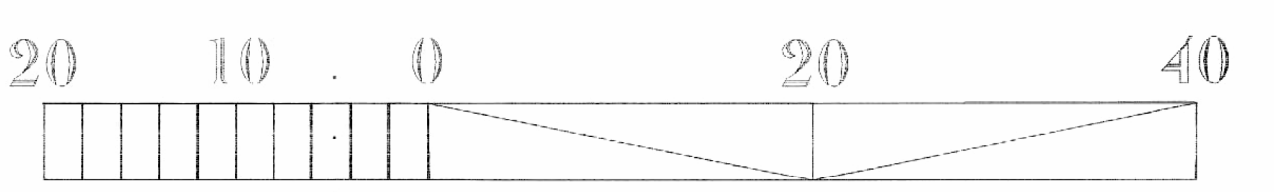
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.			
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

NOTE
 LOCATE ALL EXISTING UNDERGROUND LIGHT CIRCUITS, WATER LINES, SEWER LINES, FUEL TANK AND FUEL LINES WITHIN THE PROJECT LIMITS PRIOR TO BEGINNING WORK



LOCATION OF ALL TREES IS APPROXIMATE. ADJUST SPECIFIC RUNS AND TRENCH LOCATIONS 'IN THE FIELD' AS NEEDED TO AVOID TREE ROOT SYSTEMS (AND SITE UTILITIES).

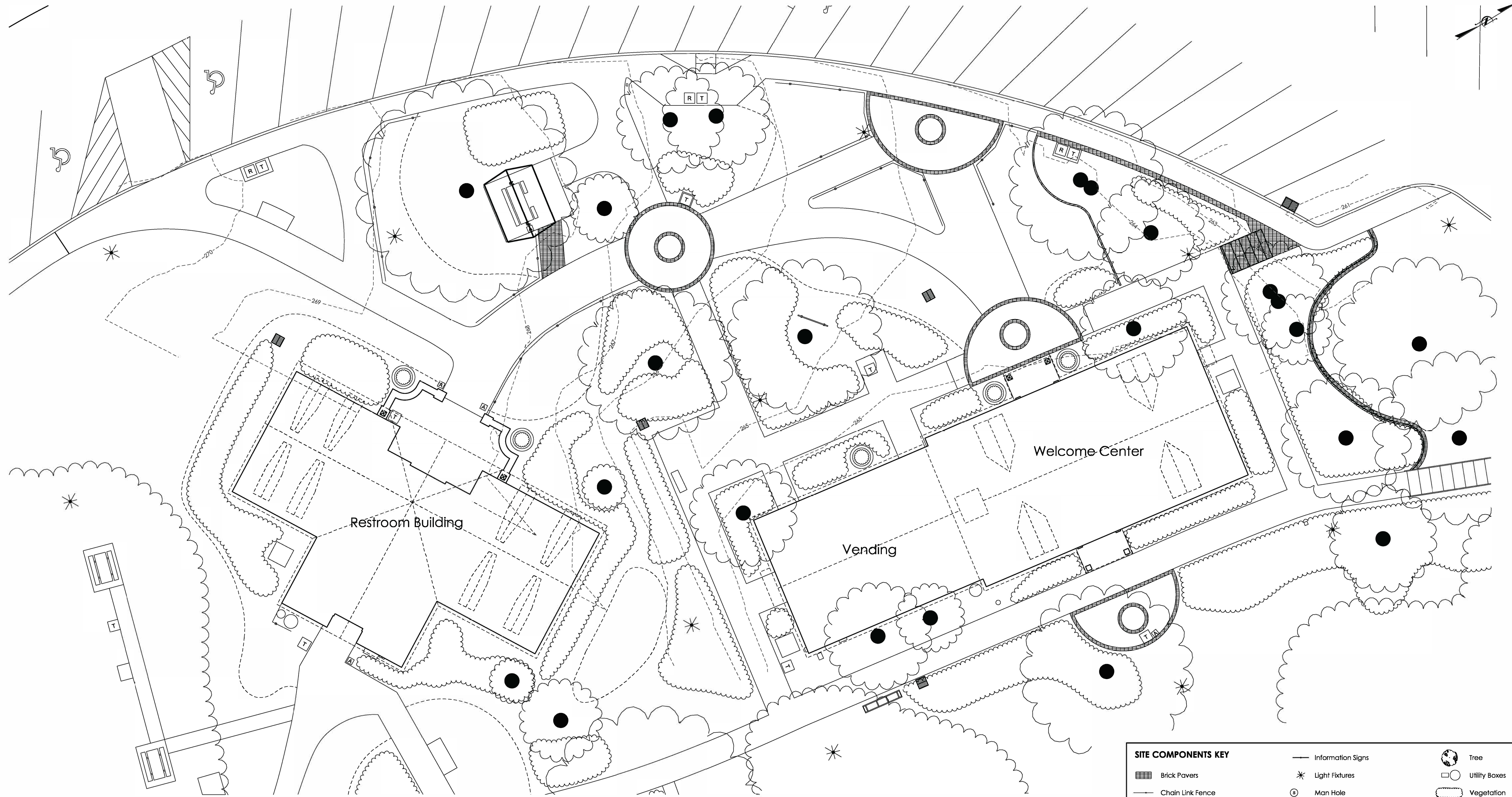
LANDSCAPE LIGHTING AS BUILT PLANS
 (Existing conditions as constructed in 2006)



N C D O T
 I-85 WARREN COUNTY WELCOME CENTER
 SEPT/06

- LIGHT (POST TOP) [Symbol]
- DRAIN INLET [Symbol]
- DRINKING FOUNTAIN [Symbol]
- WATER VALVE [Symbol]
- SANITARY SEWER LINE [Symbol]
- WATER LINE [Symbol]
- SEWER MANHOLE [Symbol]
- SEWER CLEANOUT [Symbol]
- EXIST. PICNIC TABLE [Symbol]
- 110 V ELEC. OUTLET [Symbol]

- TREE LIGHT (50W) [Symbol]
- BULLET LIGHT (35W) [Symbol]
- BULLET LIGHT (20W) [Symbol]
- WELL LIGHT [Symbol]
- TRANSFORMER [Symbol]
- 12 GAUGE ELEC WIRE [Symbol]
- 10 GAUGE ELEC WIRE [Symbol]
- 16 GAUGE ELEC WIRE (DIRECT WIRE FROM FIXTURE) [Symbol]
- SPIDER SPLICE WIRE JUNCTION (BOX) [Symbol]
- CONDUIT OR UNDER PAV'T SLEEVE [Symbol]
- WIRE RUNNING WITHIN EXPANSION JOINT [Symbol]



SITE COMPONENTS KEY					
	Brick Pavers		Information Signs		Tree
	Chain Link Fence		Light Fixtures		Utility Boxes
	Cigarette Snuffer		Man Hole		Vegetation
	Covered Picnic Shelter		Picnic Tables		
	Flag Poles		Recycling Receptacle		
			Trash Receptacle		



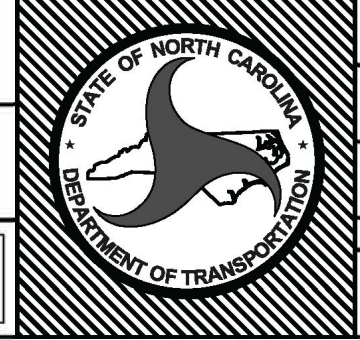
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 AESTHETIC ENGINEERING SECTION
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp.chief_eng/roadside/

Warren County Rest Area/Welcome Center
 Courtyard Renovation
 Warren County
 WBS #: 15RE.15.3

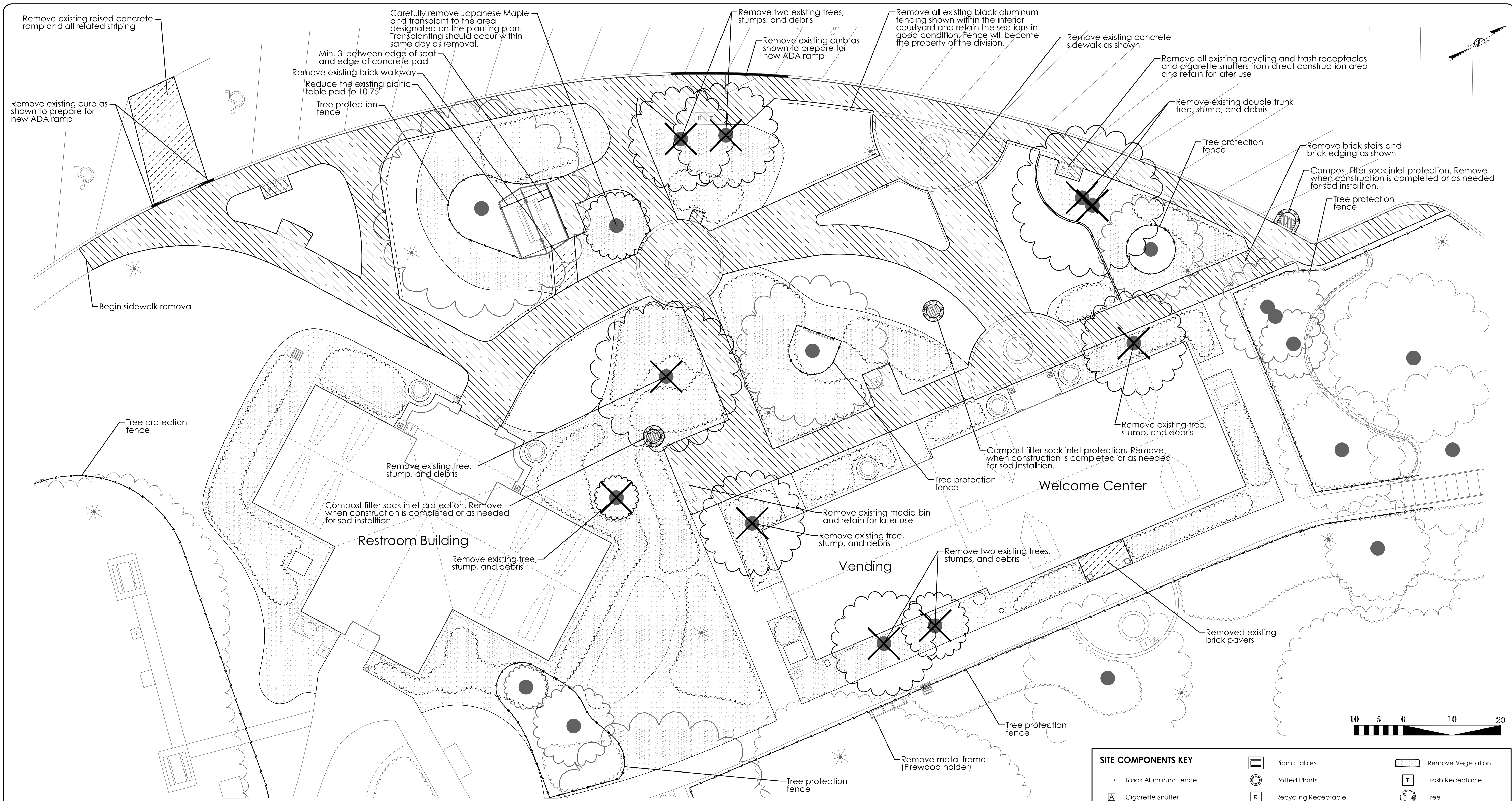


SHEET DESCRIPTION:
 PREL. DESIGN DATE: 8/19/2022
 CHECKED BY & DATE: -----
 FINAL DESIGN DATE: 9/20/2022

Existing Conditions 2022
 Landscape Plan Sheet
 PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



T.I.P. #	-----
WBS #	15RE.15.3
FED I.D. #	-----
SHEET NO.:	L-5
TOTAL SHEET NO.:	L-14



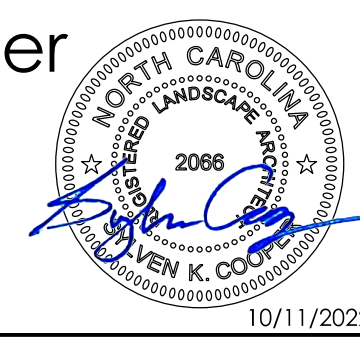
NOTES:

- The existing conditions shown on the plans are based on survey information and field notes. Actual site conditions may vary.
- The utilities shown on the plans are approximate locations. Prior to any demolition or work taking place, the contractor shall locate and verify all utility lines and structures within the construction areas (water, sewer, gas, electrical, etc.) and place all protection fence.
- The contractor shall take the necessary precautions to prevent damage of adjacent plant material, facilities, curbs, and structures to remain. The contractor shall restore disturbed areas to their original condition to the satisfaction of the Engineer.
- Seeding and mulching will be applied to all turf areas that are disturbed by construction that are not planned to receive new sod, plant beds, or hardscapes. (TifTuf Bermuda).
- The Division Roadside office will move/relocate items such as benches, trash receptacles, recycling receptacles, cigarette snuffers, information signs, media bins, etc. that fall into the construction zone to a holding area until construction is complete. The NC welcome sign is to remain and be protected in place. Any item not being reused will become the property of the Division Roadside.
- Demolition, removal, and disposal of items from the site must be completed in accordance with the law. The contractor is responsible for making a site visit to determine and verify all demolition requirements prior to bidding.
- After removing the specified trees, grind the stumps, and fill any remaining holes with topsoil. Soil removed during grading operations and raised bed removal shall be reused as fill soil where needed.
- All curbs are to remain intact except when specified otherwise. New handicapped ramp installation will require partial curb removal. Any curb damaged during the removal of the adjacent sidewalk shall be repaired to its original condition or to the satisfaction of the engineer.

SITE COMPONENTS KEY			
	Black Aluminum Fence		Remove Vegetation
	Cigarette Snuffer		Tree
	Covered Picnic Shelter		Tree Protection/Silt Fence
	Information Signs		Utility Boxes
	Light Fixtures		Vegetation
	Picnic Tables		Remove Tree
	Potted Plants		
	Recycling Receptacle		
	Remove Concrete Curb		
	Remove Concrete Sidewalk		

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 PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

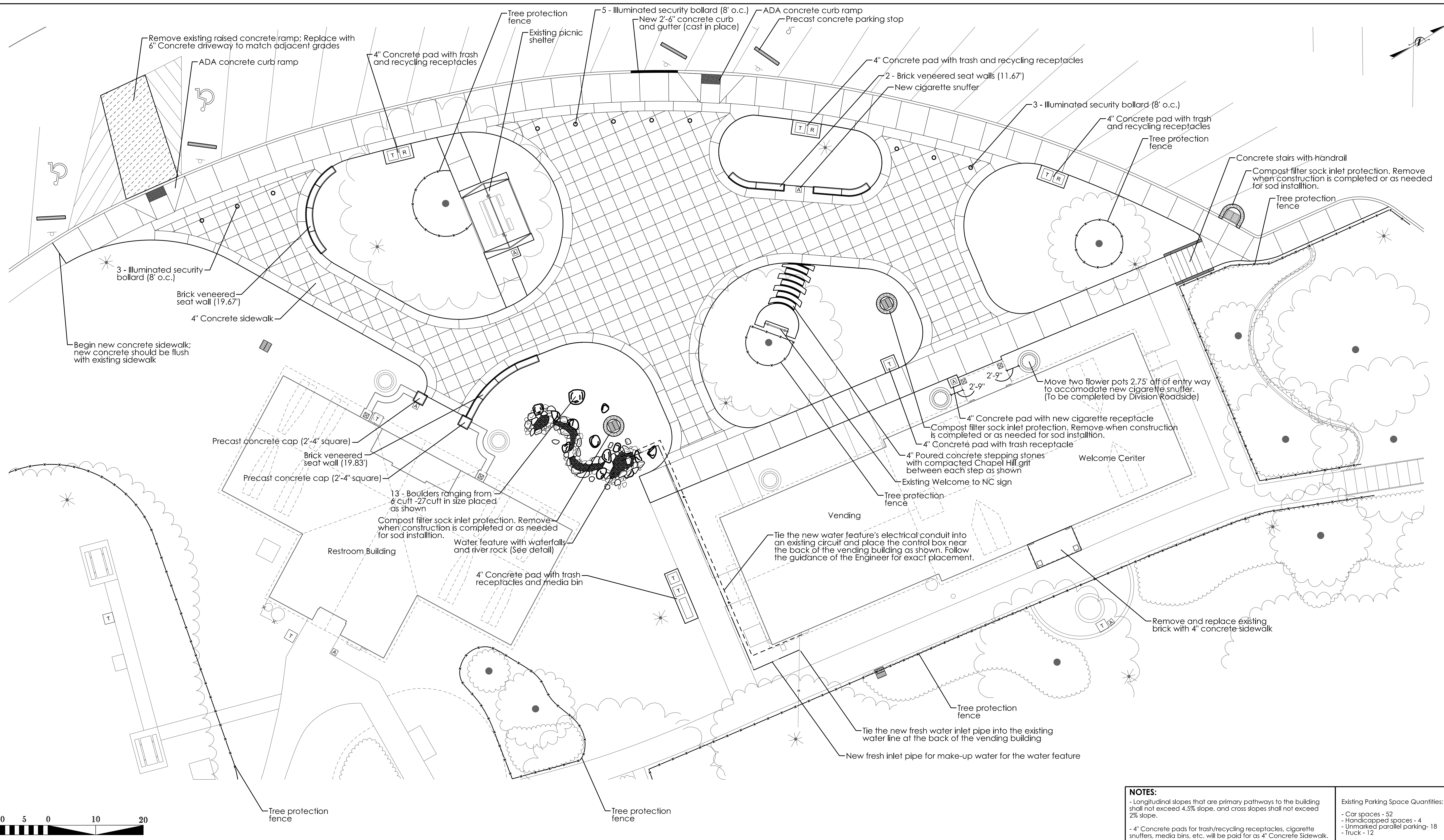
Warren County Rest Area/Welcome Center
 Courtyard Renovation
 Warren County
 WBS #: 15RE.15.3



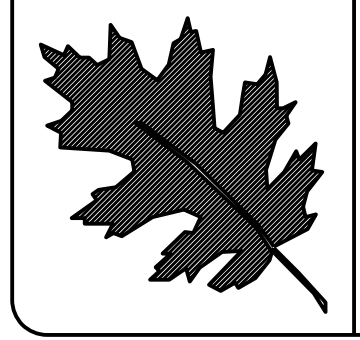
PREL. DESIGN DATE: 8/19/2022
 CHECKED BY & DATE: -----
 FINAL DESIGN DATE: 10/11/2022

Demolition Plan
 Landscape Plan Sheet
 PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA

T.I.P. # -----
 WBS # 15RE.15.3
 FED I.D. # -----
 SHEET NO.: L-6 TOTAL SHEET NO.: L-14



NOTES:
 - Longitudinal slopes that are primary pathways to the building shall not exceed 4.5% slope, and cross slopes shall not exceed 2% slope.
 - 4\"/>



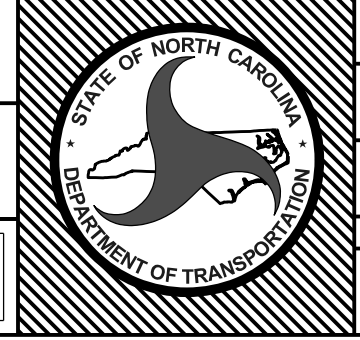
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Warren County Rest Area/Welcome Center
 Courtyard Renovation
 Warren County
 WBS #: 15RE.15.3

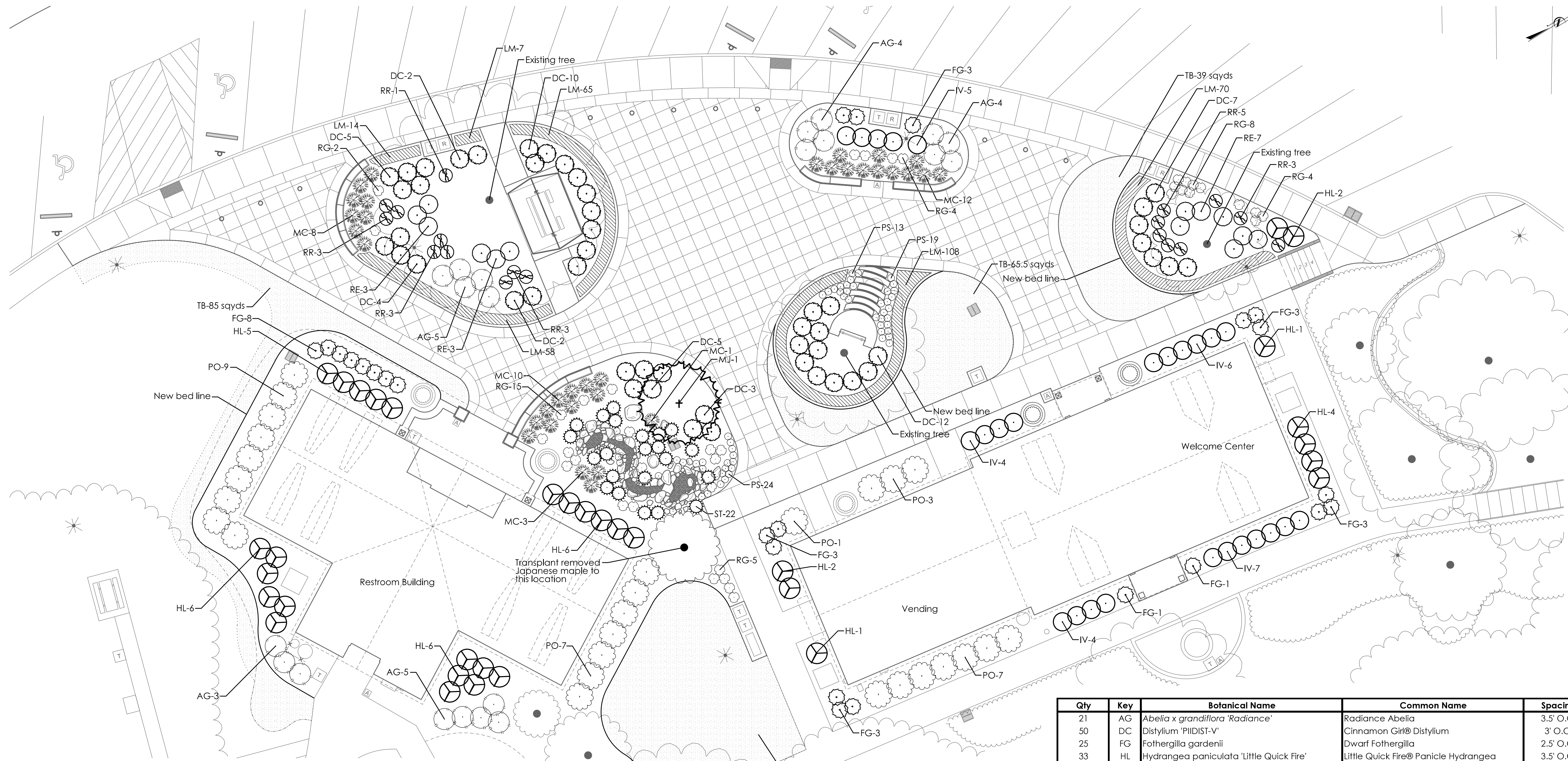


PREL. DESIGN DATE: 8/19/2022
 CHECKED BY & DATE: -----
 FINAL DESIGN DATE: 10/11/2022

Hardscapes Plan
 Landscape Plan Sheet
 PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



T.I.P. # -----
 WBS # 15RE.15.3
 FED I.D. # -----
 SHEET NO.: L-7 TOTAL SHEET NO.: L-14

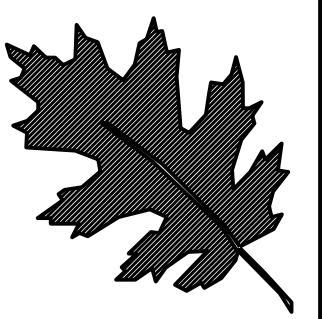


Plant Key

AG-Radiance Abelia	MC-Pink Muhly Grass	PS-Drummond's Pink Creeping Phlox
DC-Cinnamon Girl Distylium	MJ-Jane Magnolia	RG-Goldsturm Black-eyed Susan
FG-Dwarf Fothergilla	HL-Little Quick Fire Hydrangea	ST-Dwarf Prairie Dropseed
IV-Stokes Dwarf Yaupon Holly	PO-Otto Luyken English Laurel	RE-Autmun Embers Azalea
LM-Big Blue Liriope		RR-Autumn Ivory Azalea
		TB-TifTuf Bermudagrass

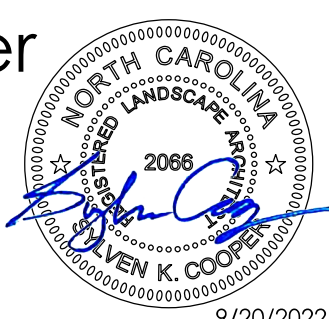


Qty	Key	Botanical Name	Common Name	Spacing
21	AG	<i>Abelia x grandiflora 'Radiance'</i>	Radiance Abelia	3.5' O.C.
50	DC	<i>Distylium 'PIIDIST-V'</i>	Cinnamon Girl® Distylium	3' O.C.
25	FG	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	2.5' O.C.
33	HL	<i>Hydrangea paniculata 'Little Quick Fire'</i>	Little Quick Fire® Panicle Hydrangea	3.5' O.C.
26	IV	<i>Ilex vomitoria 'Stoke's Dwarf'</i>	Stoke's Dwarf Yaupon Holly	3' O.C.
322	LM	<i>Liriope muscari 'Big Blue'</i>	Big Blue Lilyturf	15' O.C.
34	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	3' O.C.
1	MJ	<i>Magnolia 'Jane'</i>	Jane Magnolia	As Shown
27	PO	<i>Prunus laurocerasus 'Otto Luyken'</i>	Otto Luyken English Laurel	4.5' O.C.
56	PS	<i>Phlox subulata 'Drummond's Pink'</i>	Drummond's Pink Creeping Phlox	15' O.C.
13	RE	<i>Rhododendron 'Conleb'</i>	Encore® Autumn Embers™ Azalea	3' O.C.
38	RG	<i>Rudbeckia fulgida var. sullivantii 'Goldsturm'</i>	Goldsturm Black-Eyed Susan	2' O.C.
18	RR	<i>Rhododendron 'Roblev'</i>	Encore® Autumn Ivory™ Azalea	2.5' O.C.
22	ST	<i>Sporobolus heterolepis 'Tara'</i>	Dwarf Prairie Dropseed	2.5' O.C.
306 sayds	TB	<i>Cynodon dactylon x transvaalensis</i>	TifTuf Bermudagrass	Tight Seams



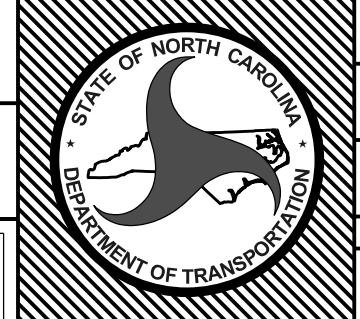
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
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Warren County Rest Area/Welcome Center
 Courtyard Renovation
 Warren County
 WBS #: 15RE.15.3

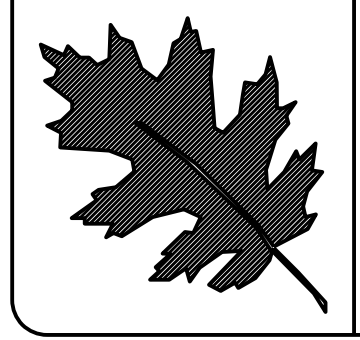
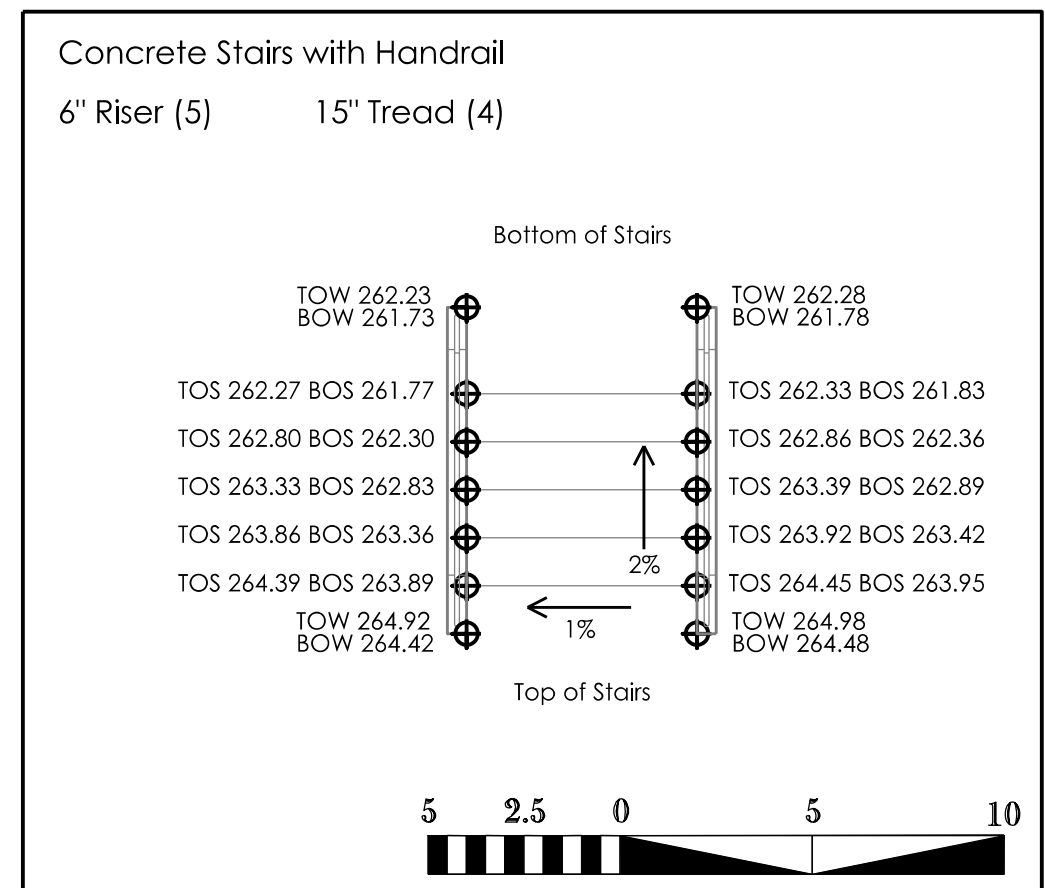


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Planting Plan
 Landscape Plan Sheet
 PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



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 WBS # 15RE.15.3
 FED I.D. # -----
 SHEET NO.: L-8 TOTAL SHEET NO.: L-14



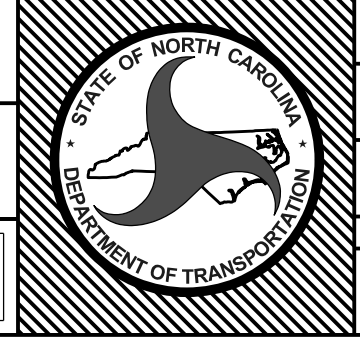
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Courtyard Renovation
Warren County
WBS #: 15RE.15.3

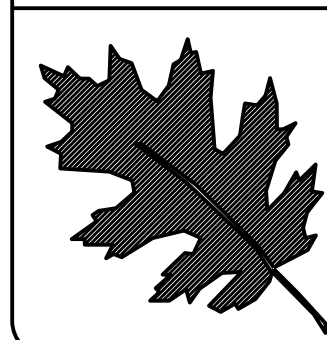
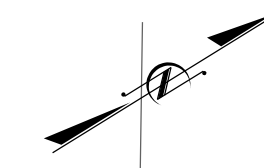


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Grading Plan
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



T.I.P. # -----
WBS # 15RE.15.3
FED I.D. # -----
SHEET NO.: L-9
TOTAL SHEET NO.: L-14



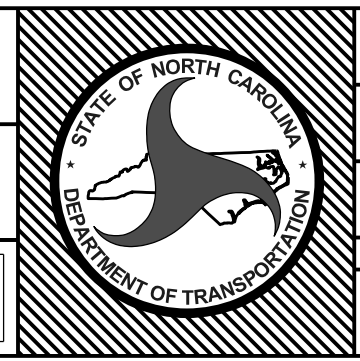
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FINAL DESIGN DATE :	10/11/2022

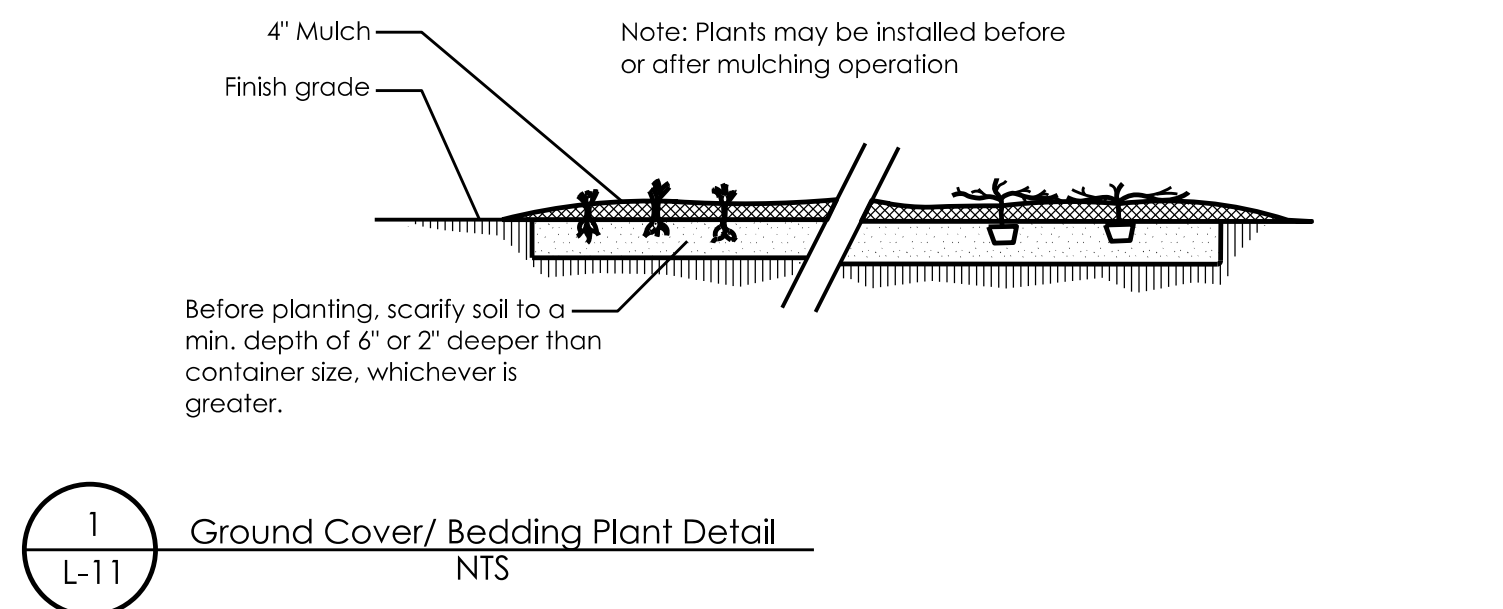
Dimensions Plan
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



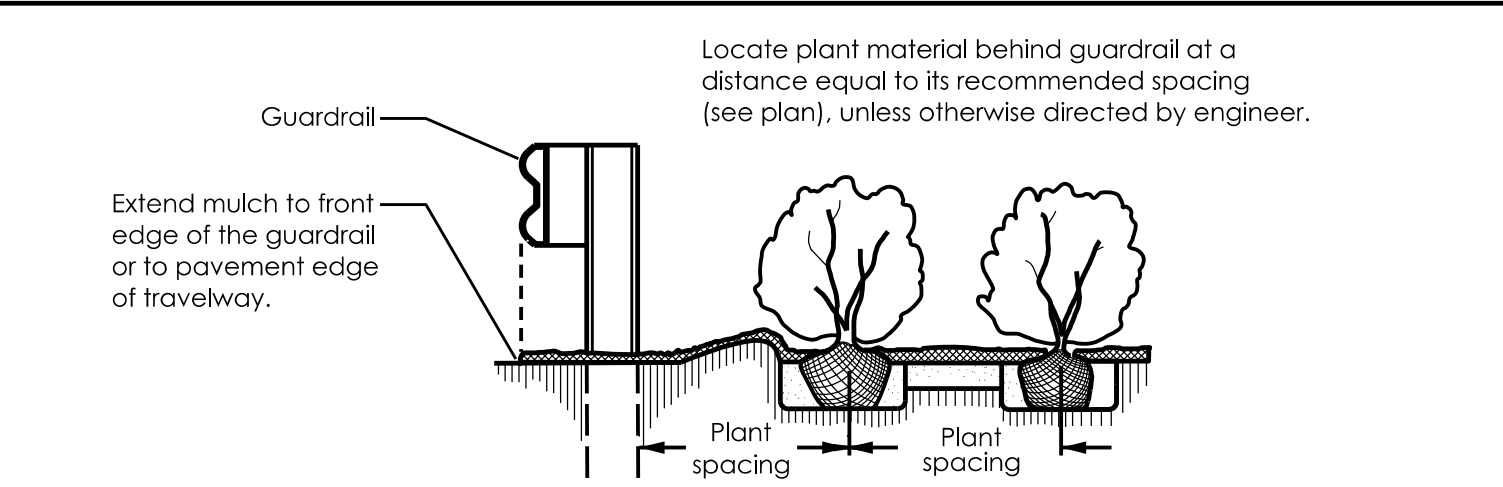
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FED I.D. #	-----
SHEET NO. : L-10	TOTAL SHEET NO. : L-14

NOTES:

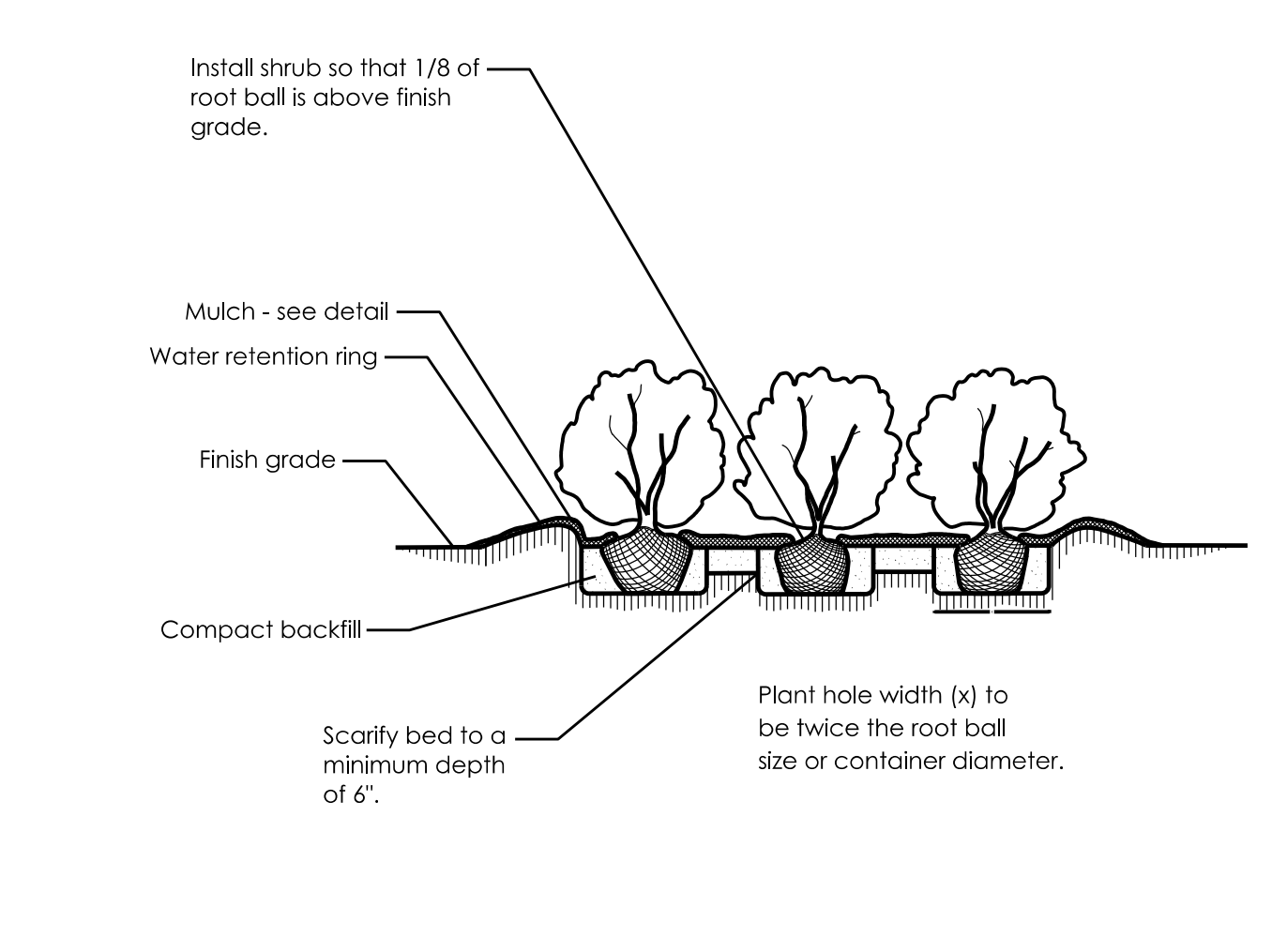
-  SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
-  SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
-  APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
-  REMOVE WIRE BASKET AND FOLD BURLAP BACK FROM TOP OF ROOT BALL BEFORE BACKFILLING IS COMPLETE.
-  ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
-  DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.



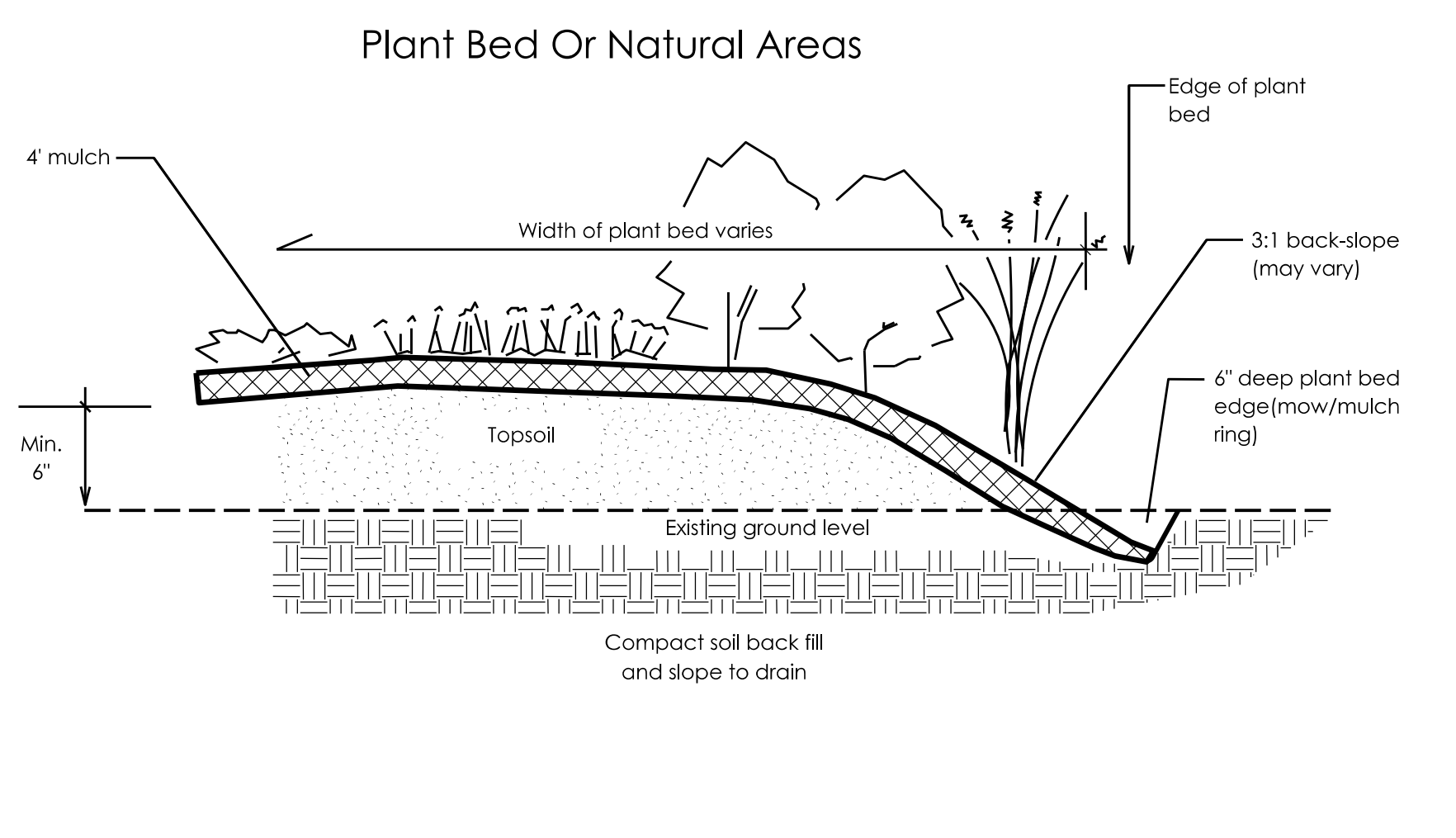
1 Ground Cover/ Bedding Plant Detail
L-11 NTS



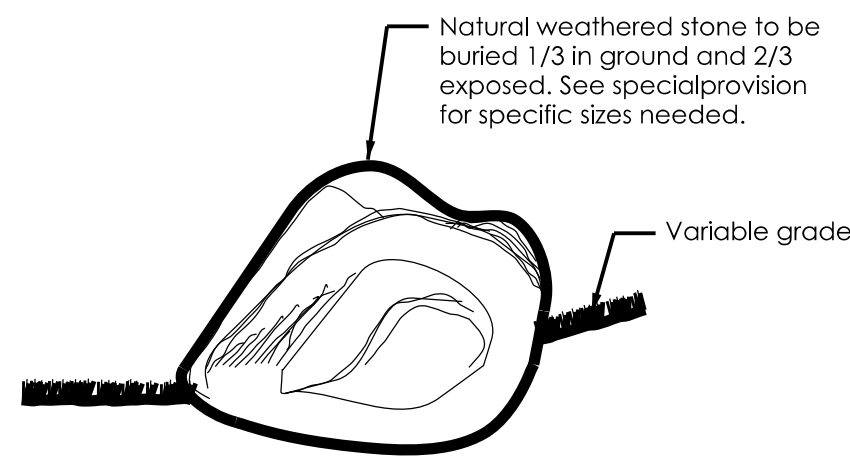
2 Guardrail Mulching Detail
L-11 NTS



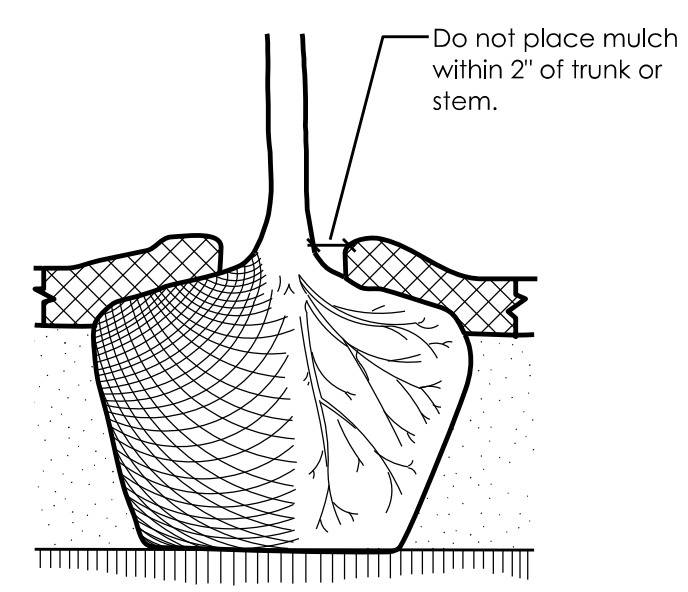
3 Shrub Bed Planting Detail
L-11 NTS



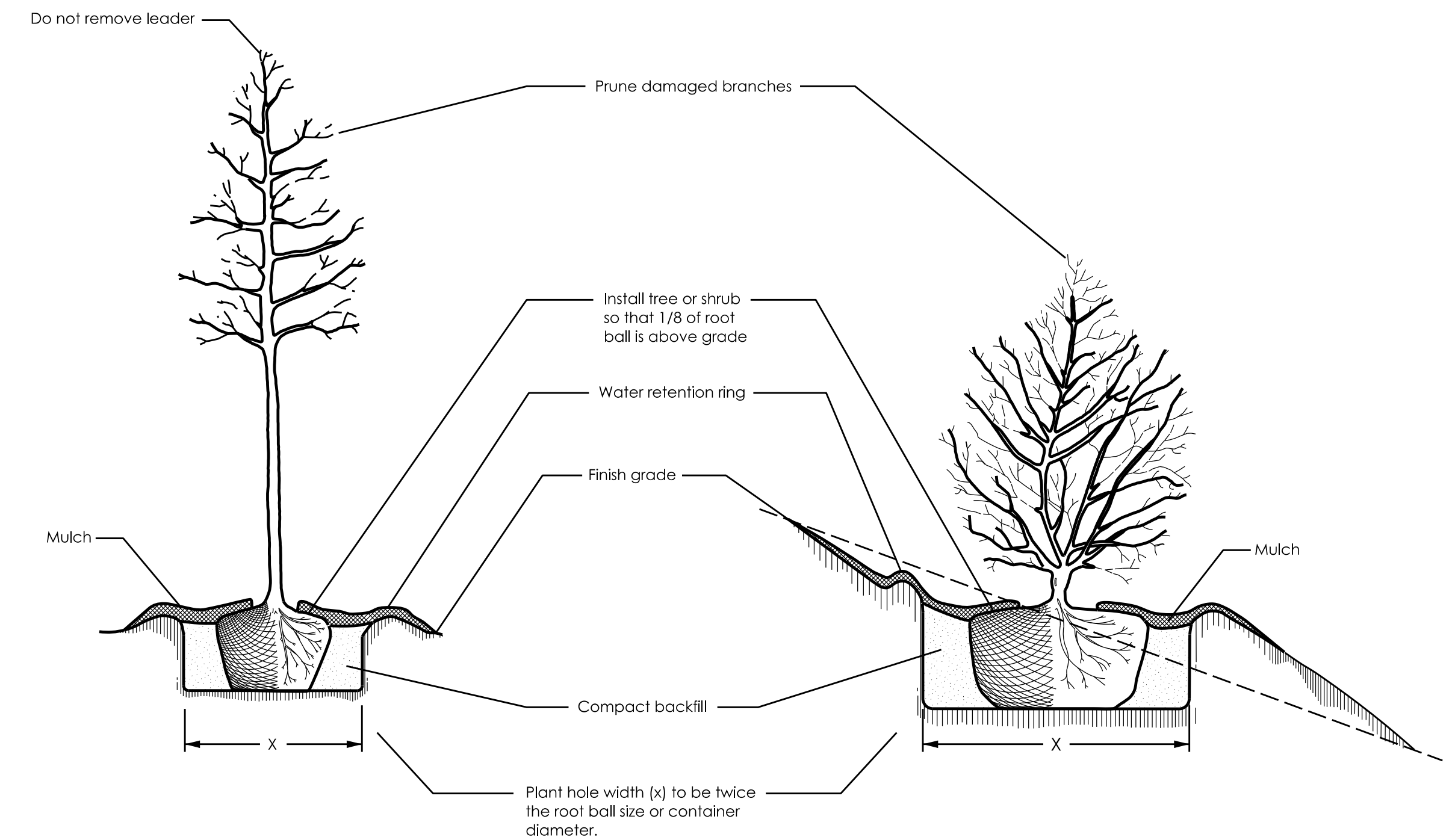
4 Plant Bed Edge Detail
L-11 NTS



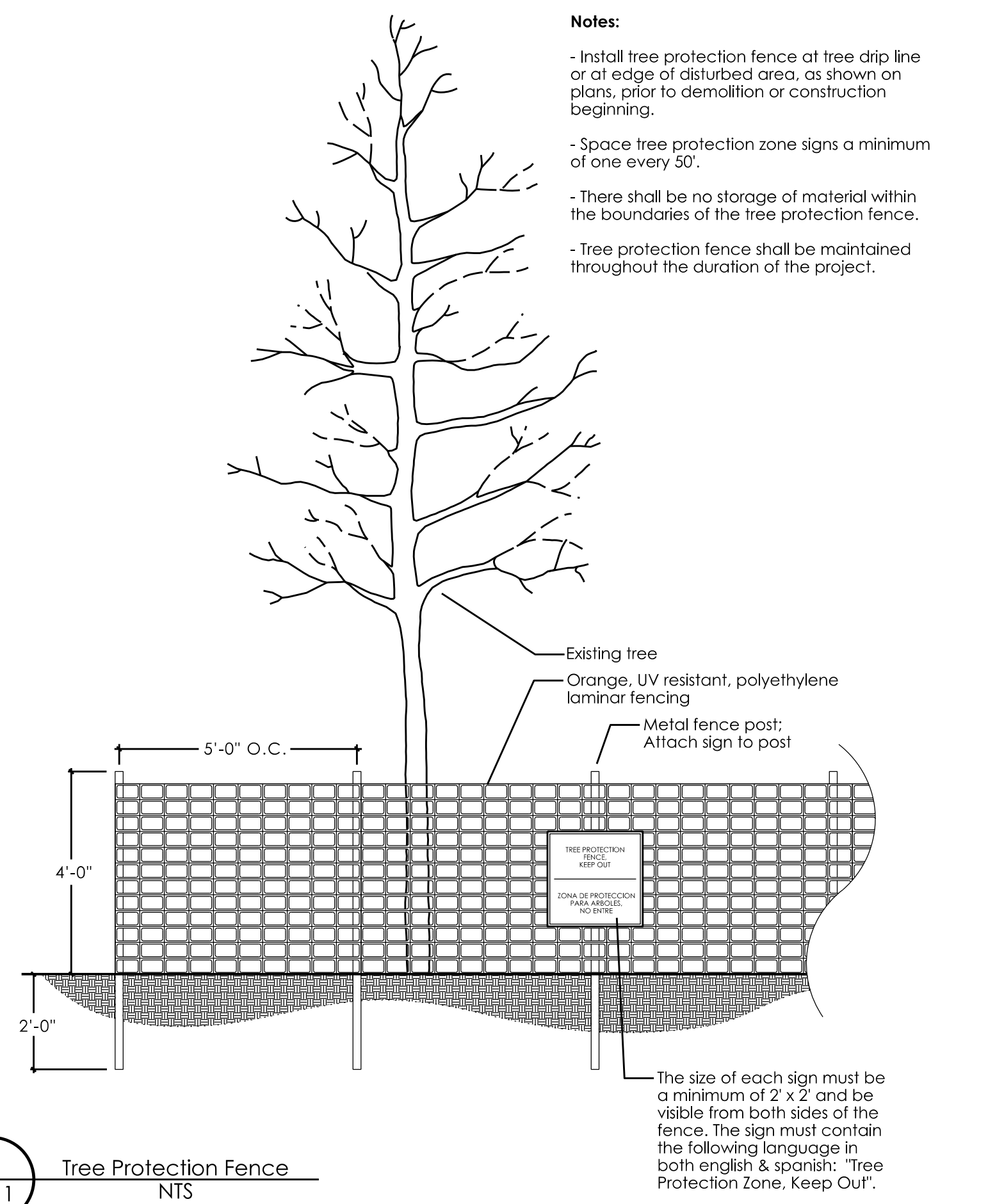
5 Boulder Placement Detail
L-11 NTS



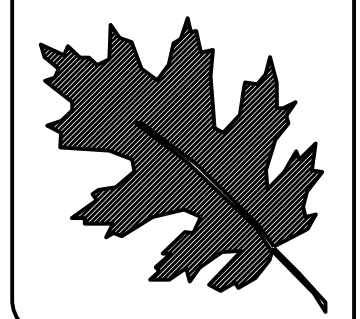
6 Mulch Detail
L-11 NTS



7 Tree Or Shrub Planting Detail
L-11 NTS

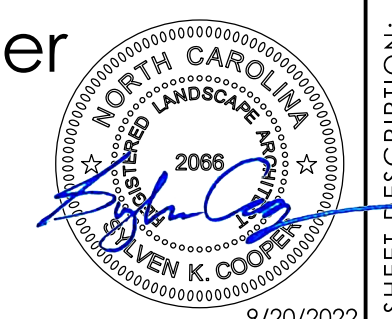


8 Tree Protection Fence
L-11 NTS



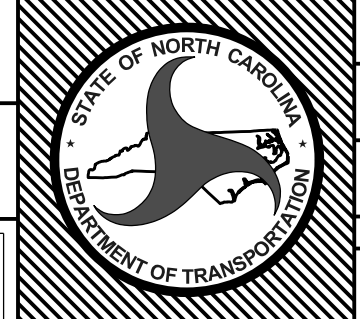
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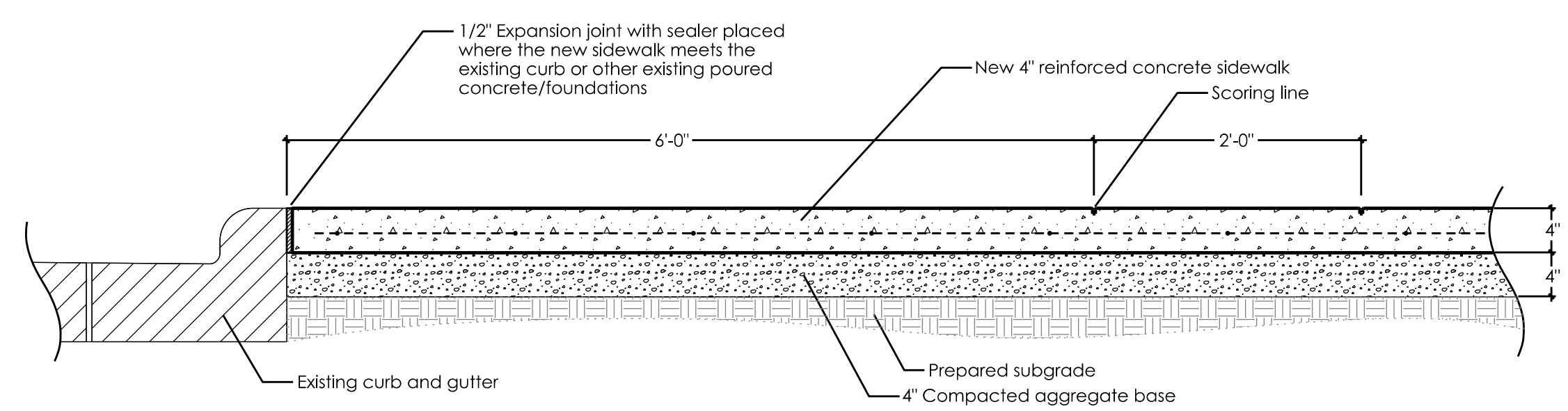
SHEET DESCRIPTION:
PREL. DESIGN DATE: 8/19/2022
CHECKED BY & DATE: -----
FINAL DESIGN DATE: 9/20/2022

Planting Details
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA

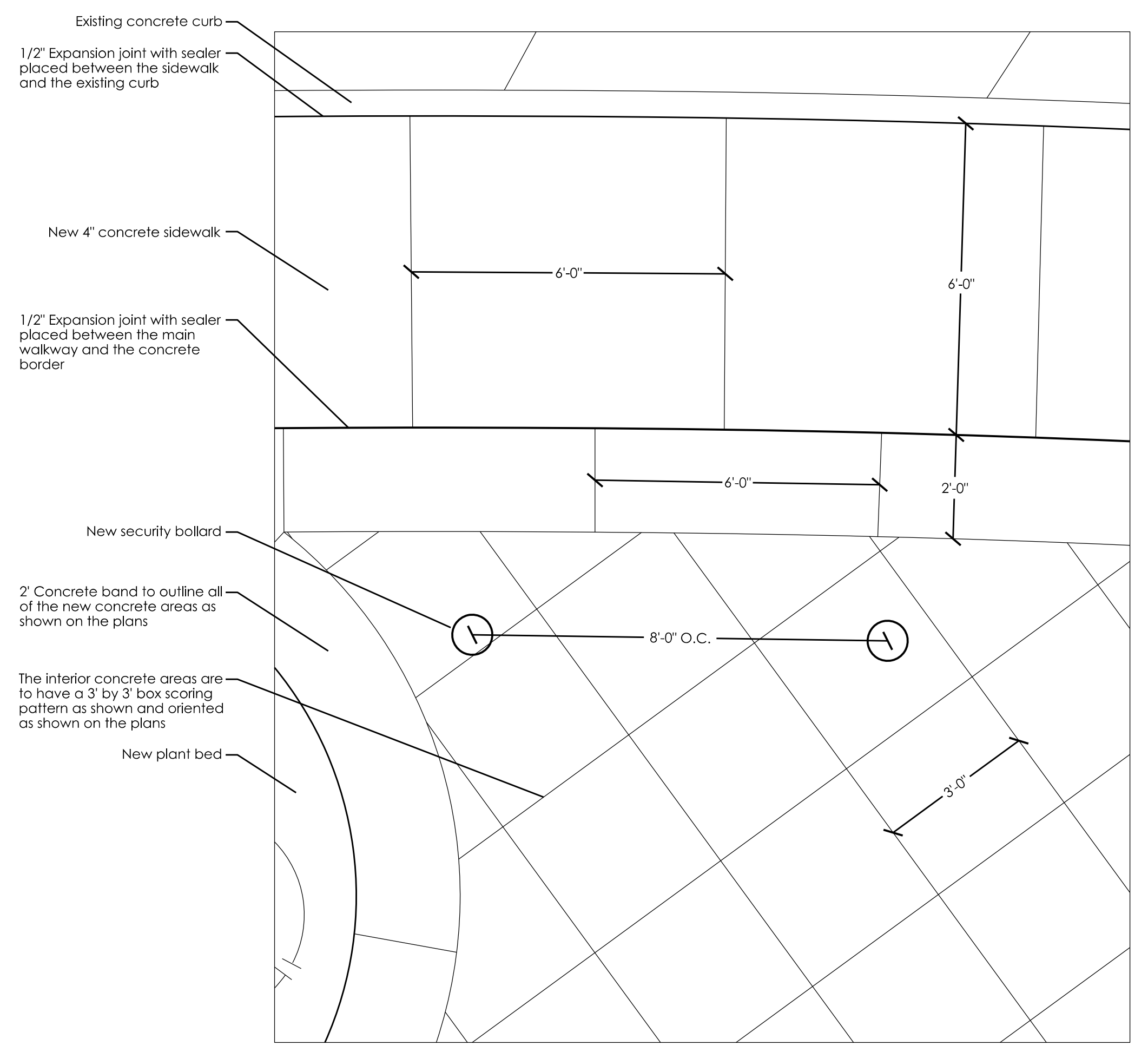


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WBS # 15RE.15.3
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SHEET NO.: L-11
TOTAL SHEET NO.: L-14

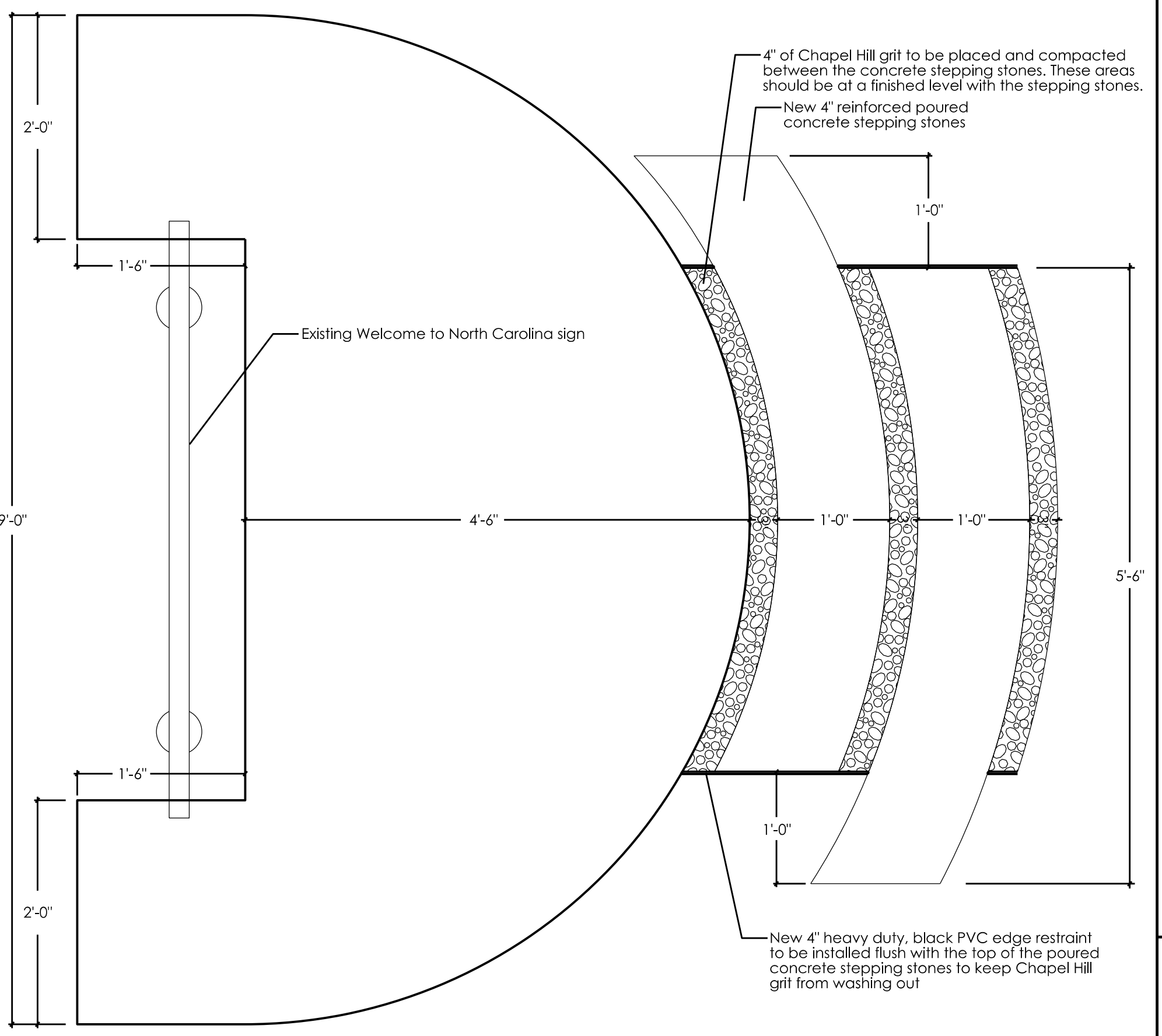
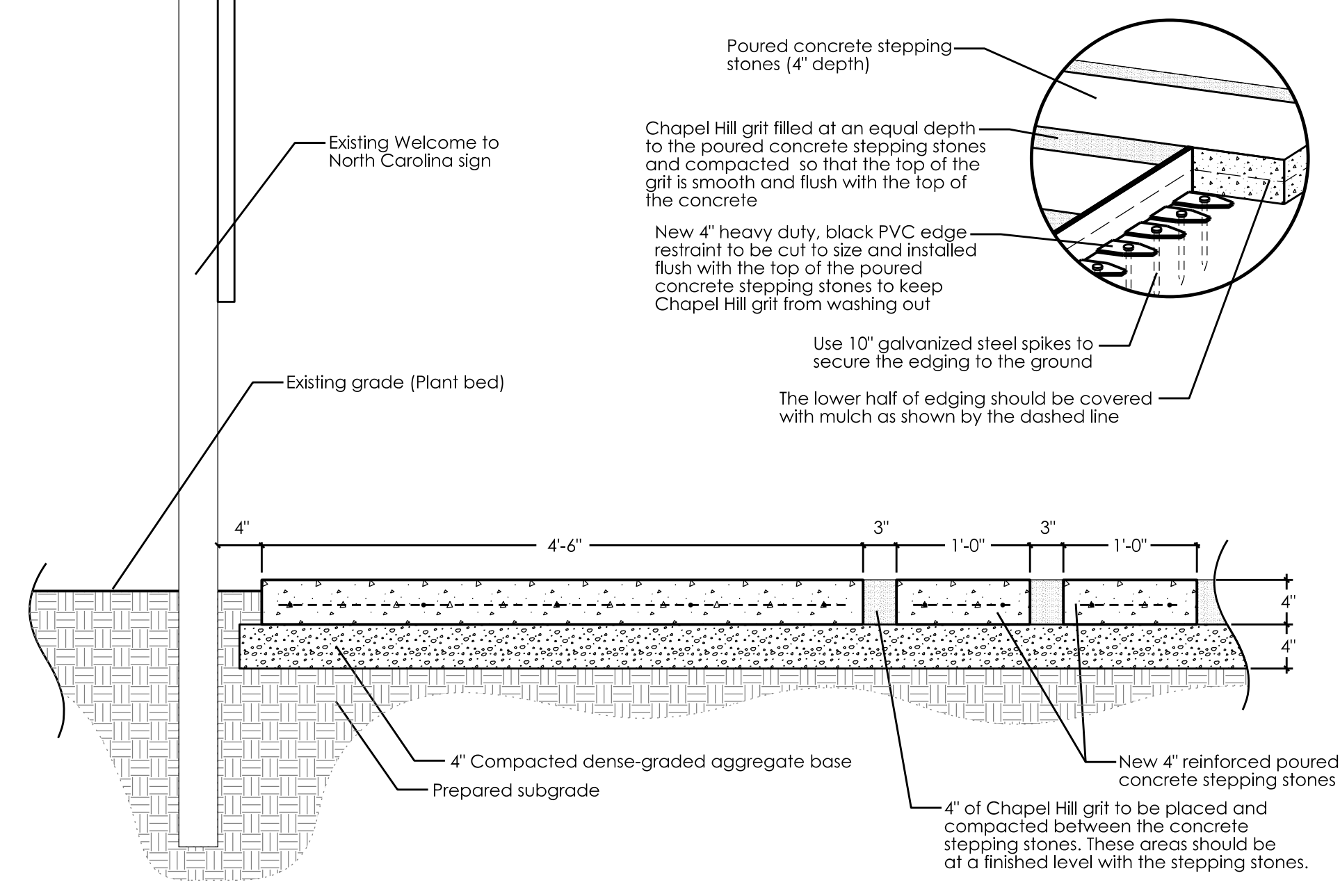
1 Sidewalk & Curb Section Detail
1" = 1'-0"



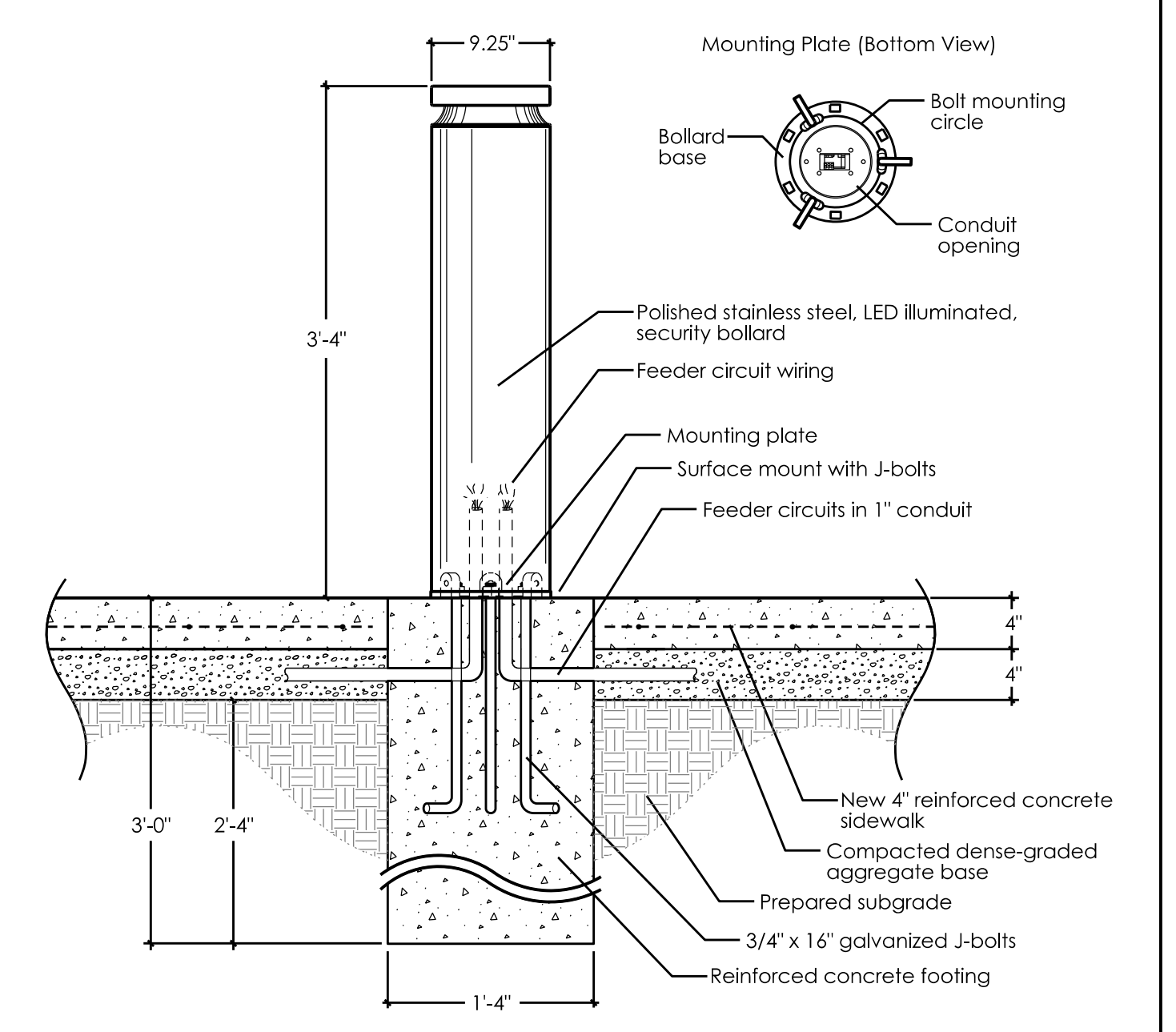
2 Concrete Sidewalk Scoring Pattern
1/2" = 1'-0"



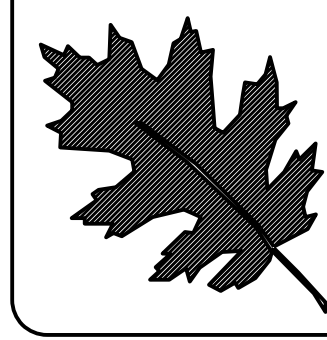
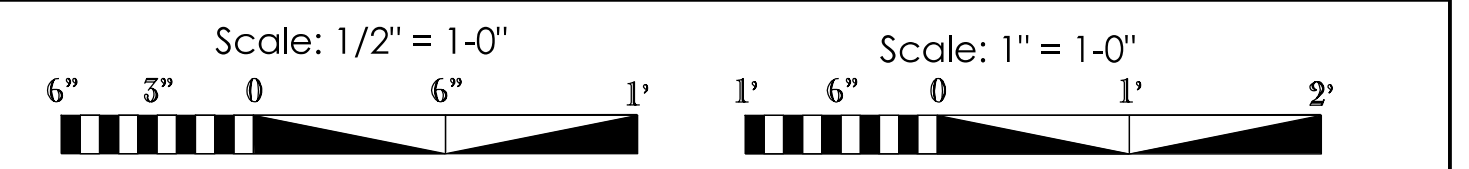
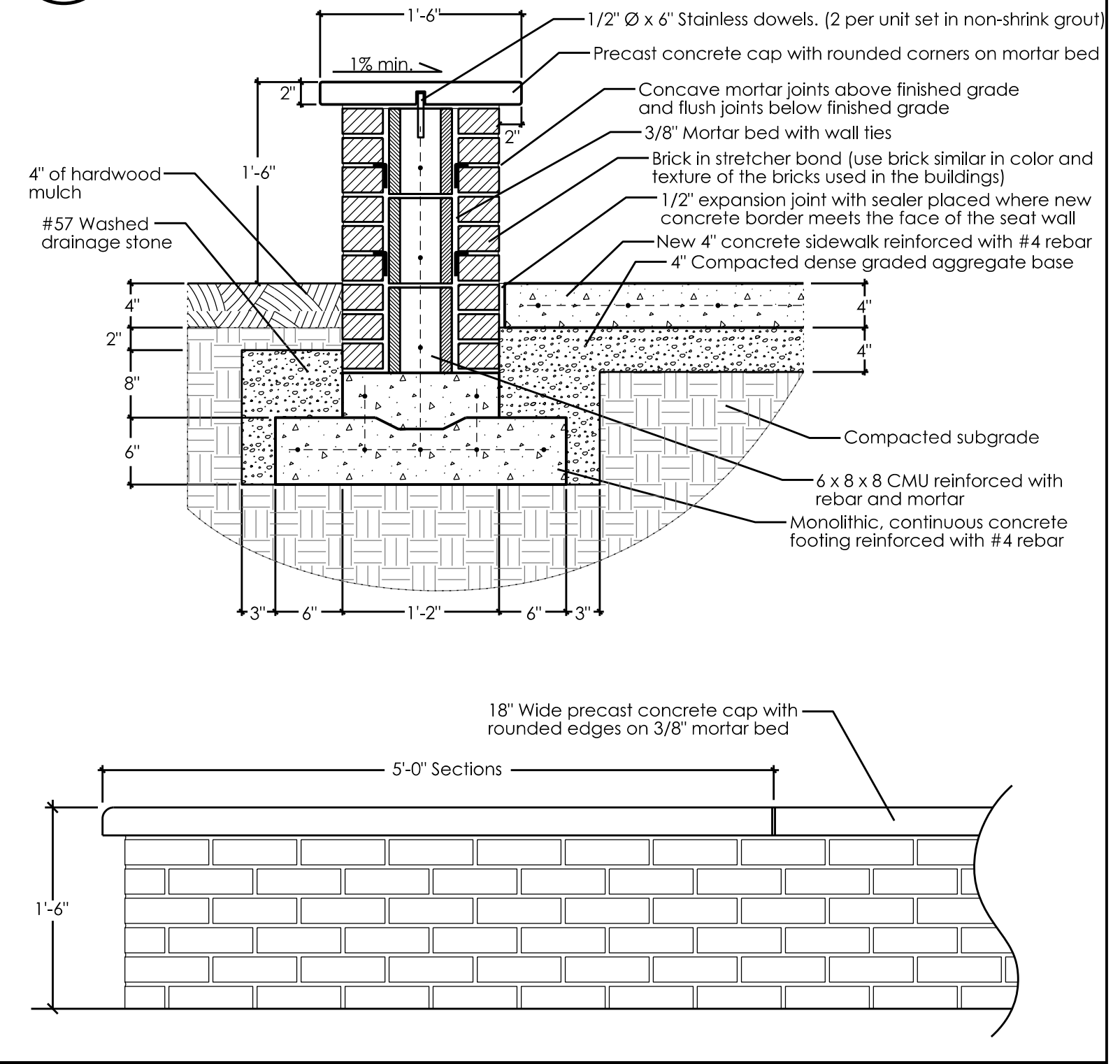
3 Welcome to NC Sign Paver Area
1" = 1'-0"



4 Illuminated Security Bollard
1" = 1'-0"

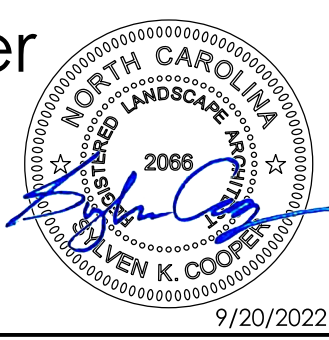


5 Seat Wall Section Detail
1" = 1'-0"



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Warren County
WBS #: 15RE.15.3

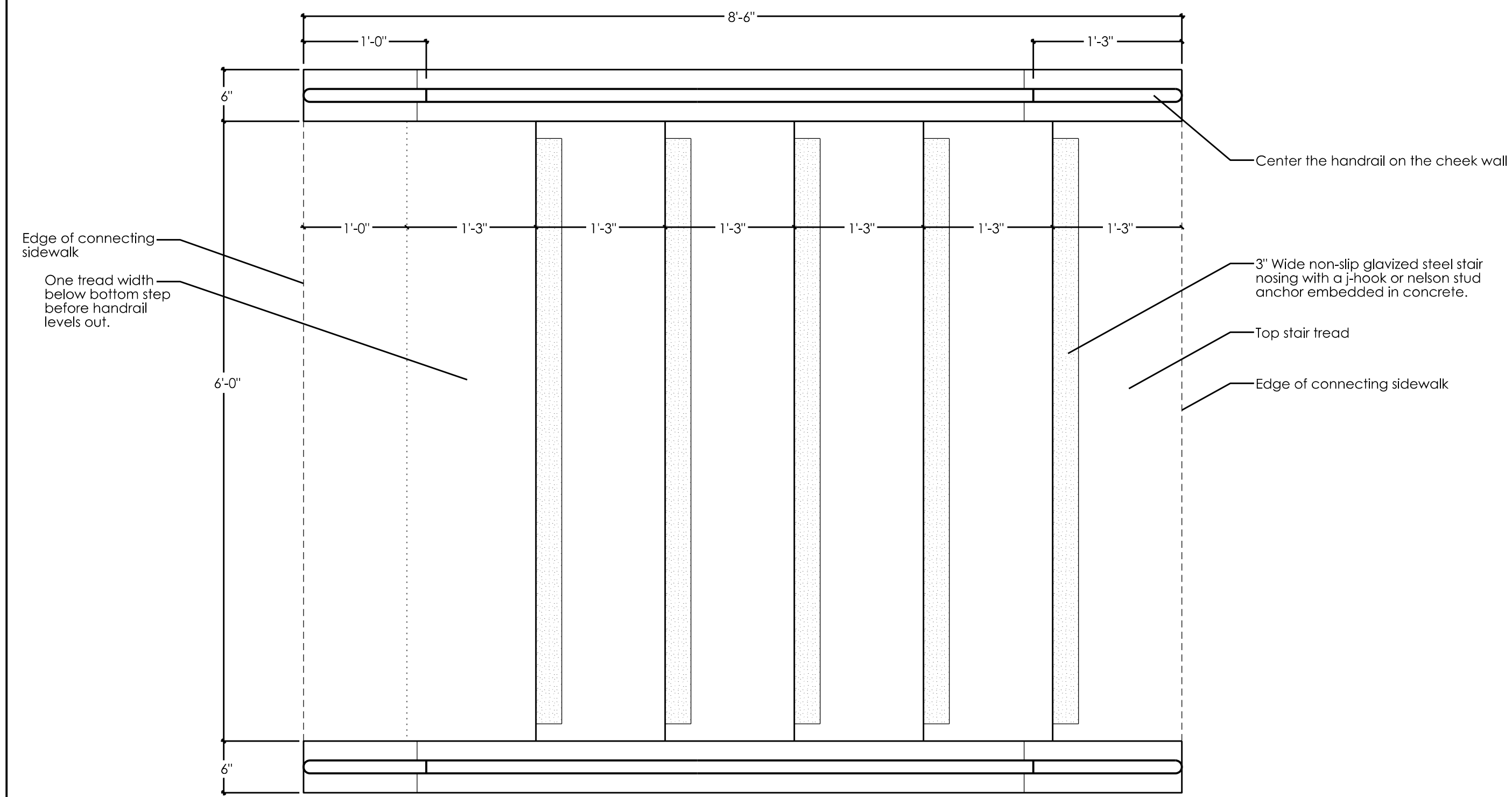
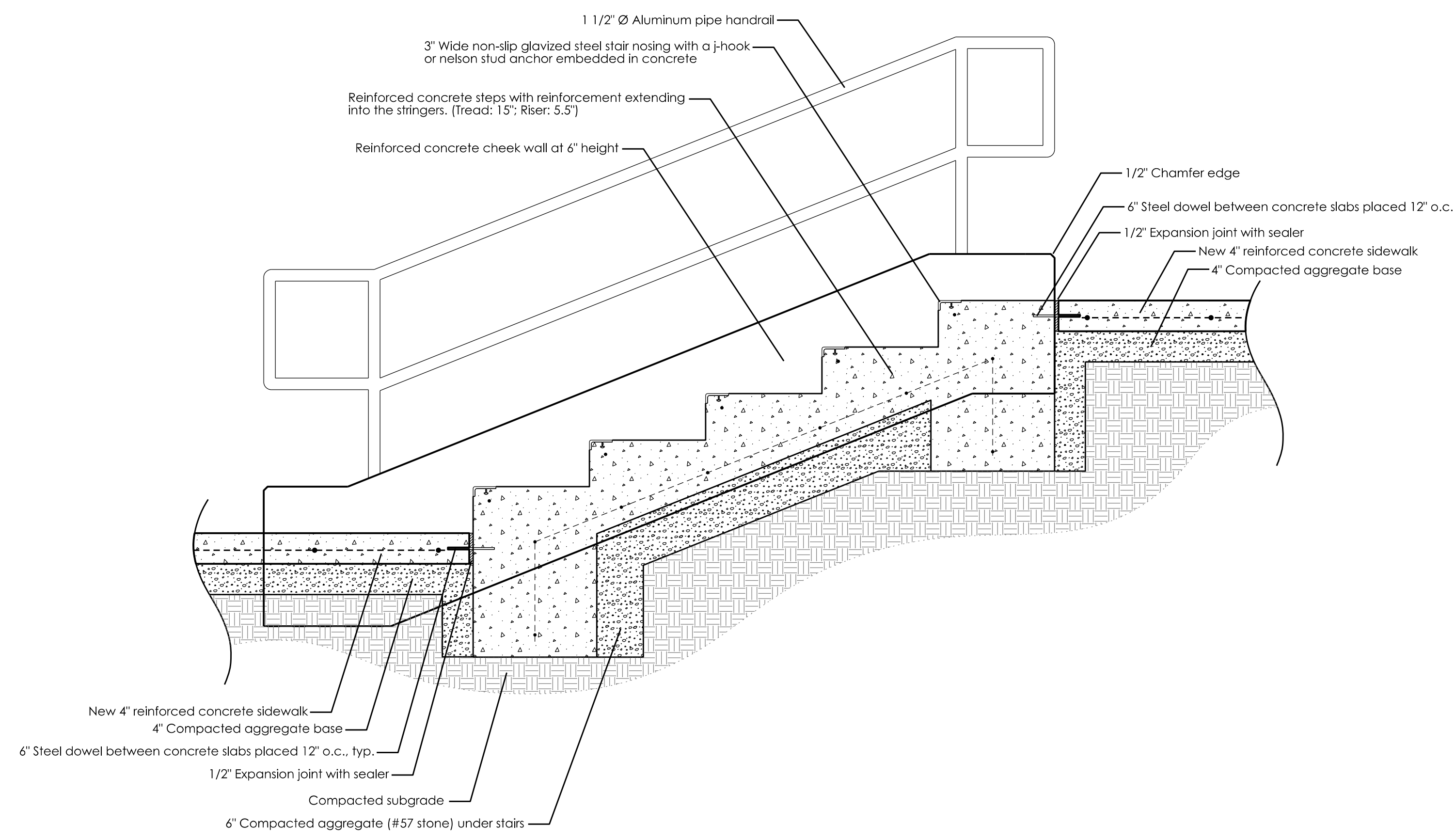
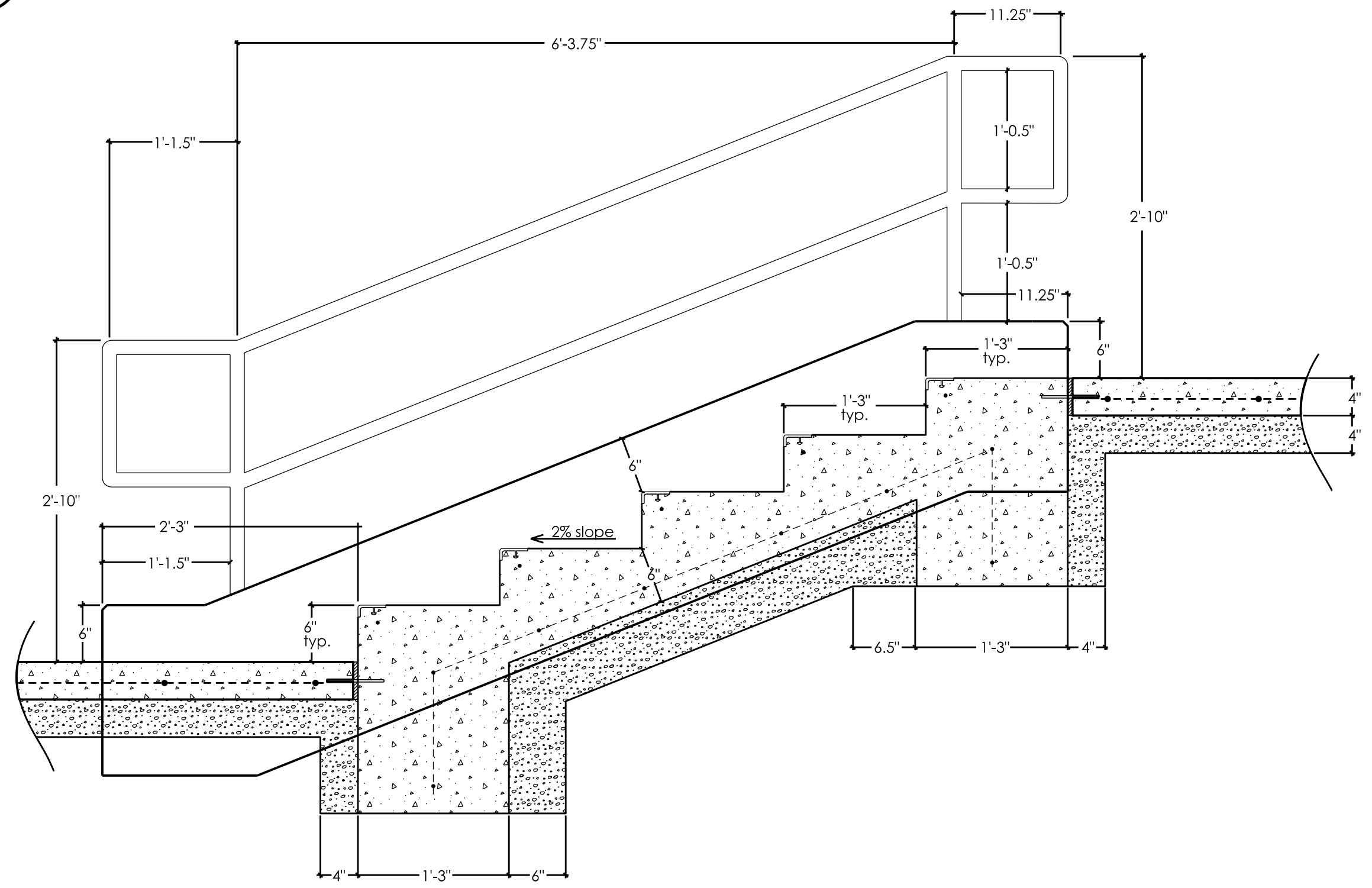


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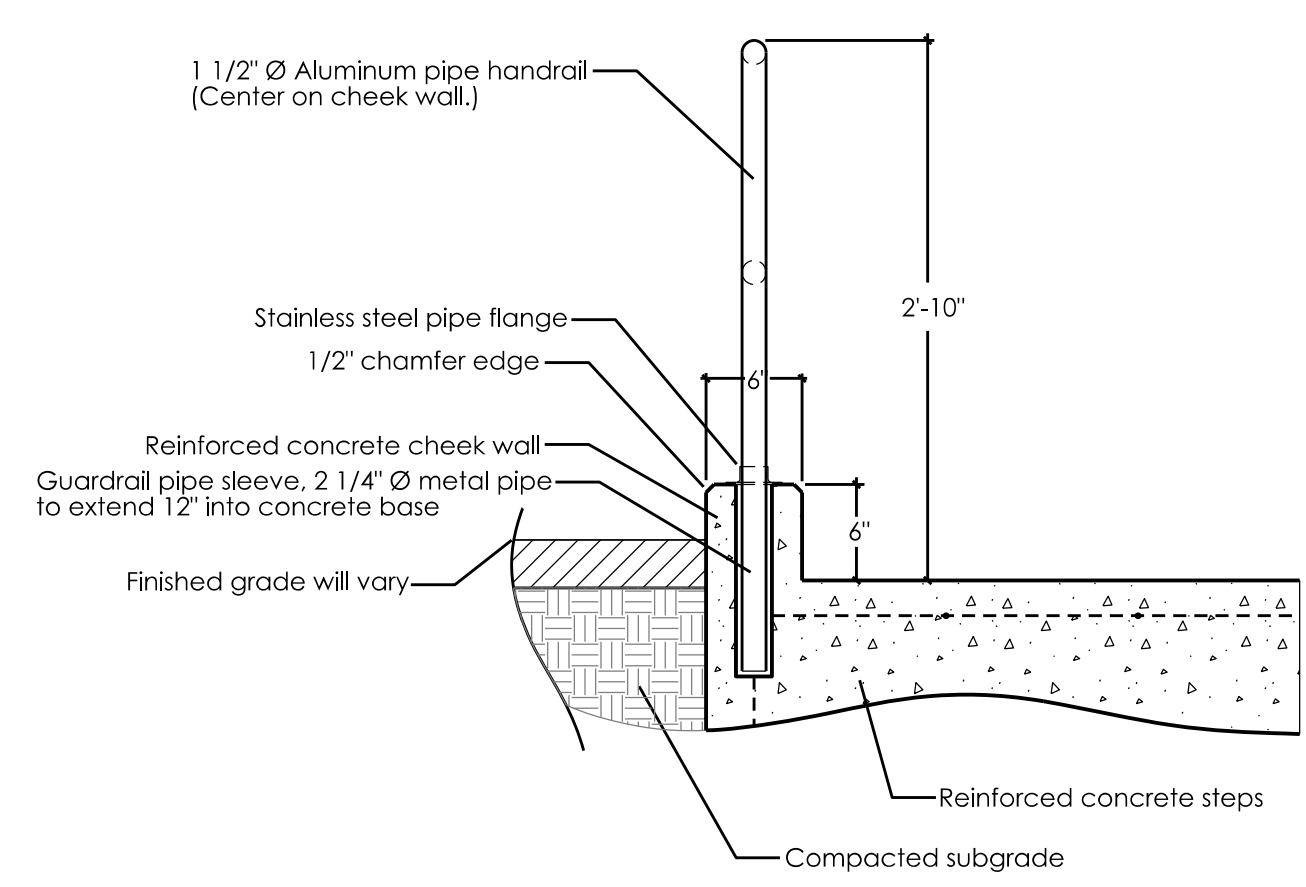
Hardscape Details
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA

T.I.P. #	-----
WBS #	15RE.15.3
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SHEET NO.:	L-12
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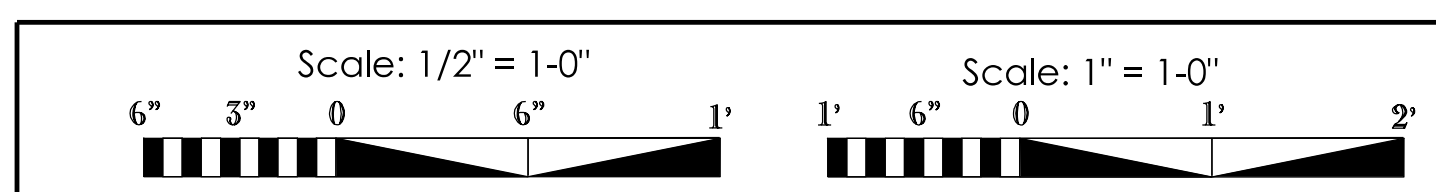
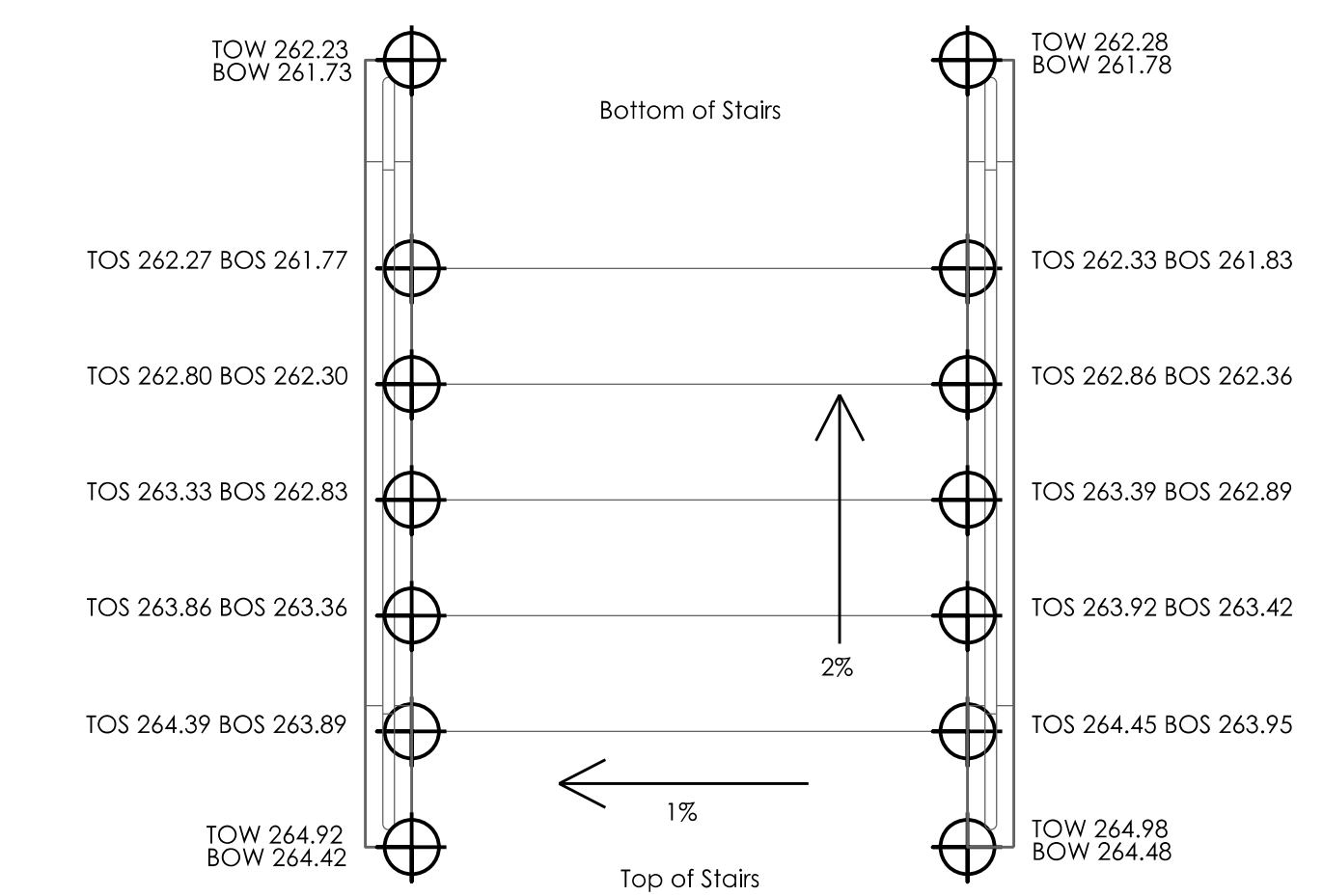
1
L-13
Concrete Stairs & Handrail Detail
1" = 1'-0"



2
L-13
Stair Cheek Wall & Handrail Detail
1/2" = 1'-0"

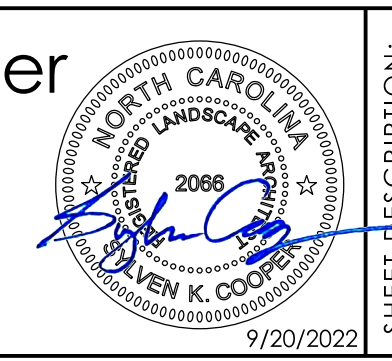


3
L-13
Stairs Spot Elevations
1" = 1'-0"



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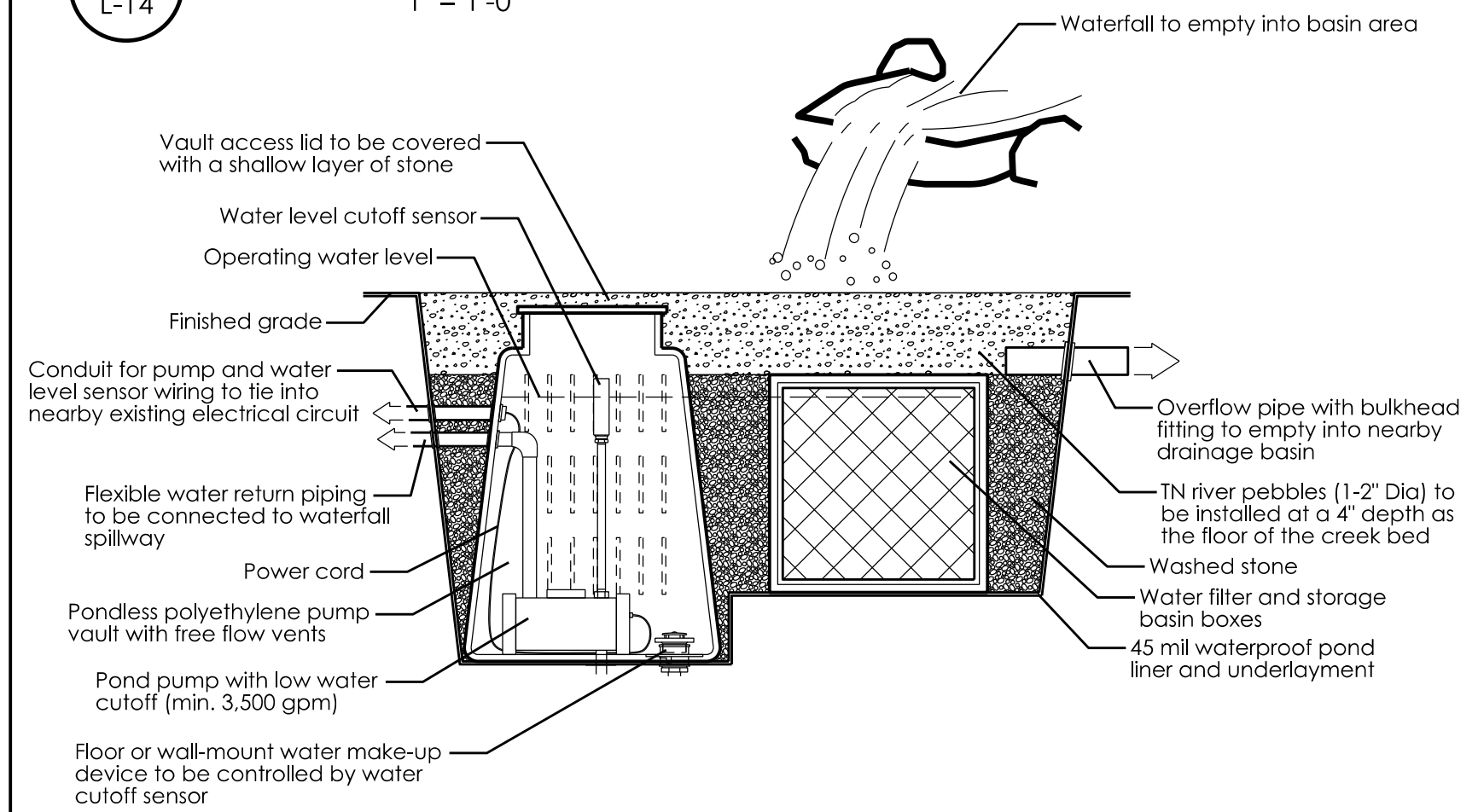


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Concrete Stair Details
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA

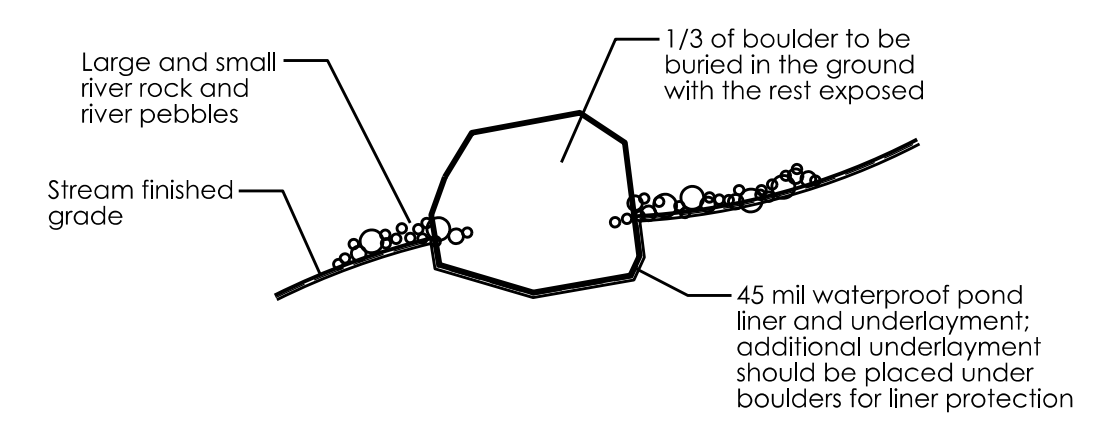
T.I.P. # -----
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SHEET NO.: L-13
TOTAL SHEET NO.: L-14

1 Waterfall Basin & Pump System Detail
1" = 1'-0"

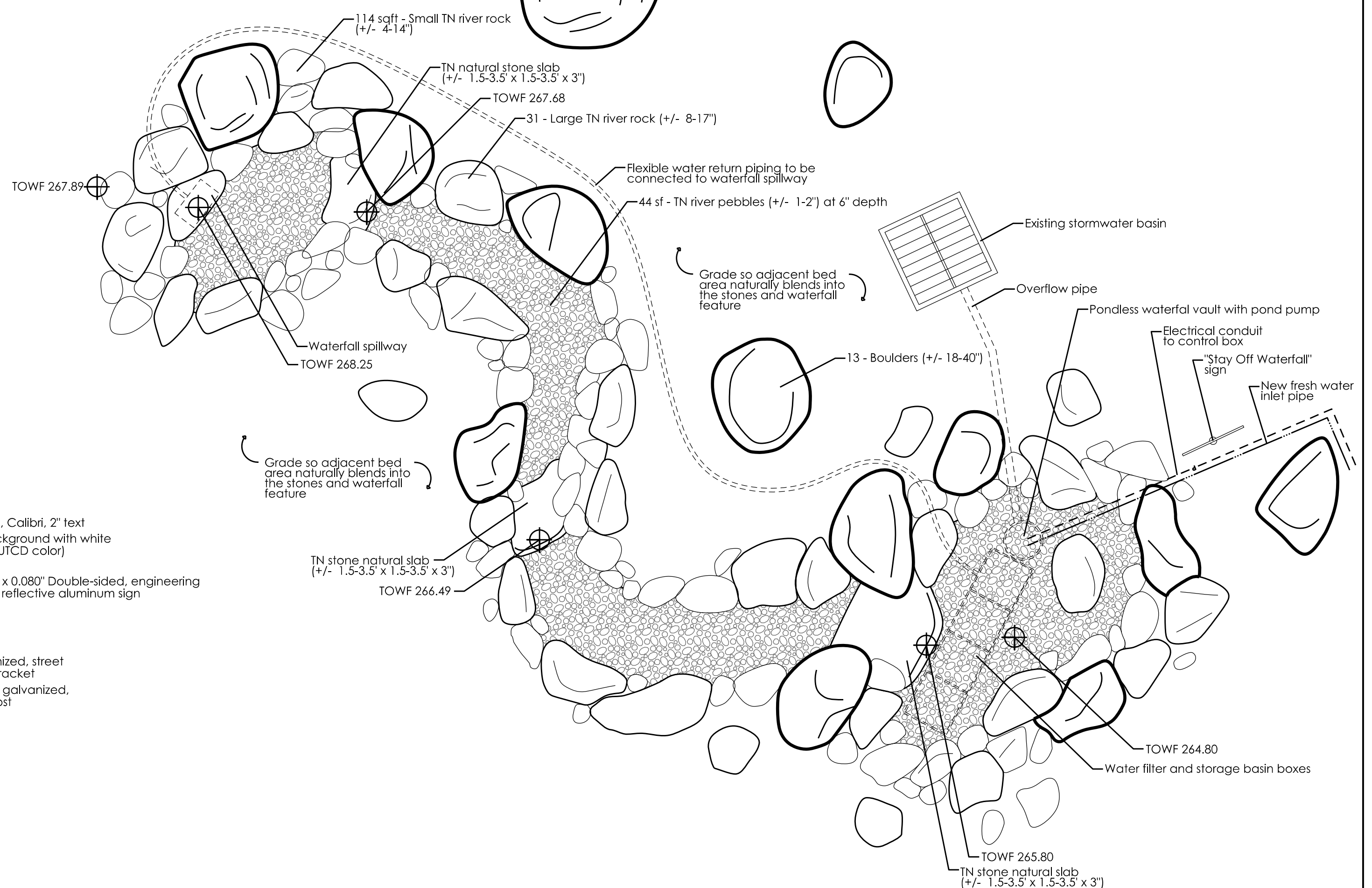


Note:
Dimensions of basin and elevations of pipes will depend on the brand and final waterfall layout installed; the minimal water capacity of the basin area should equal waterfall volume x 2.5.

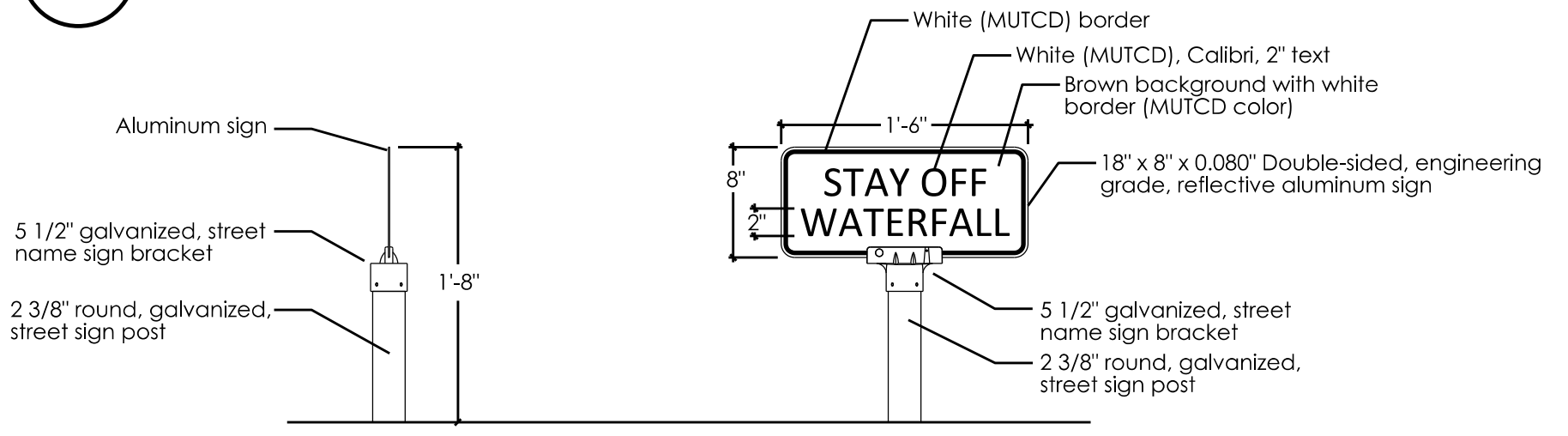
2 Stream Boulder Detail
1" = 1'-0"



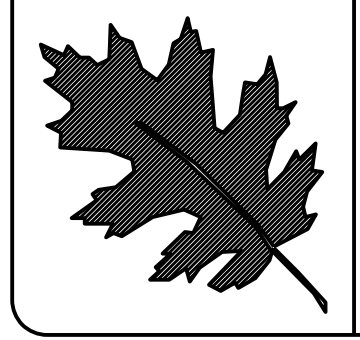
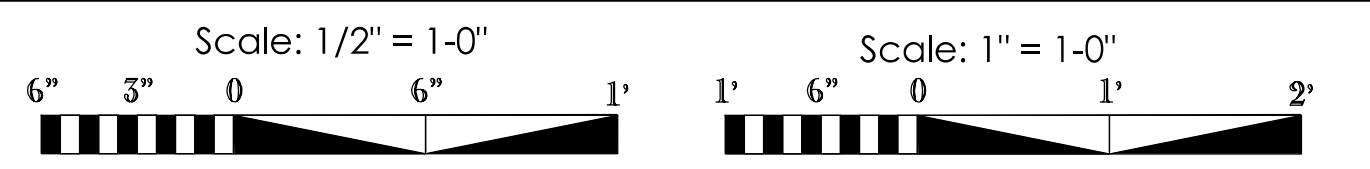
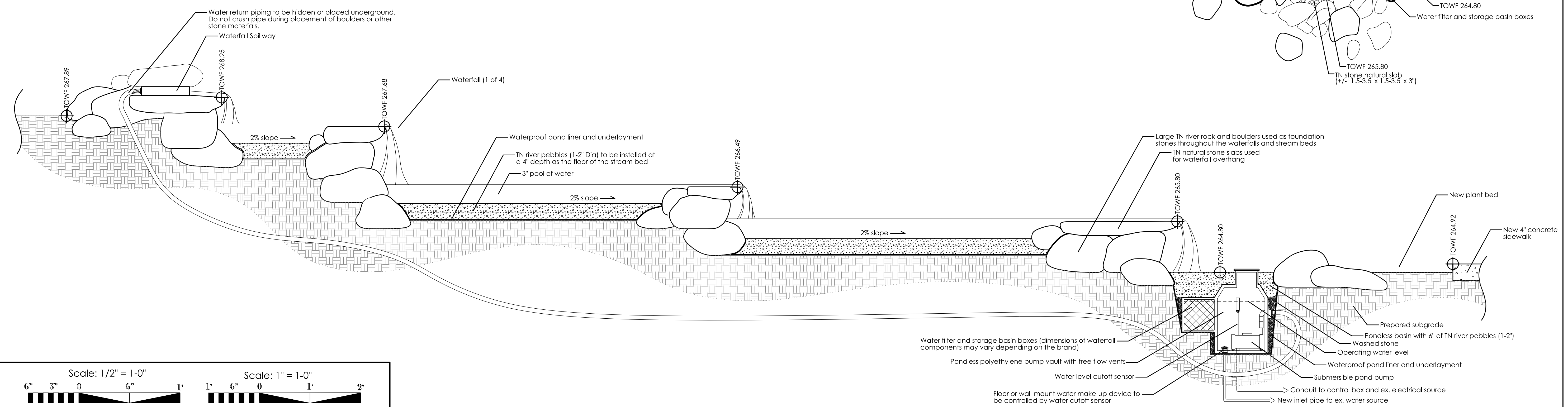
3 Waterfall & Stream Plan View
1/2" = 1'-0"



4 Waterfall Sign Detail
1" = 1'-0"



5 Waterfall & Stream Section Elevation
1" = 1'-0"



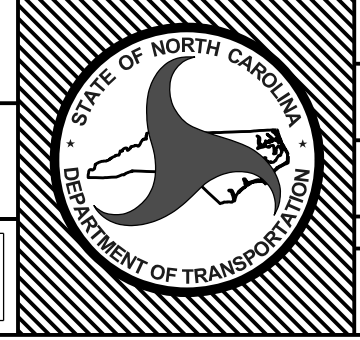
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Waterfall & Stream Details
Landscape Plan Sheet
PROJECT LANDSCAPE ARCHITECT: Kyle Cooper, PLA



T.I.P. #	-----
WBS #	15RE.15.3
FED I.D. #	-----
SHEET NO.:	L-14
TOTAL SHEET NO.:	L-14