

Contract : Randolph County - I-73/74 (US 220) Visitor Center & Rest Area

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

RANDOLPH COUNTY

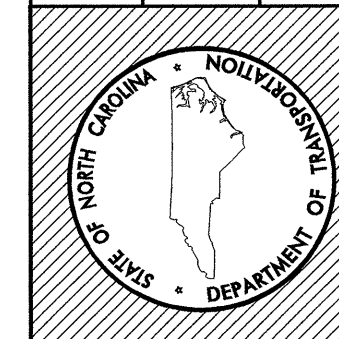
Rest Area Development

Location: I-73/74 South of Seagrove, NC and North of Montgomery Co. line

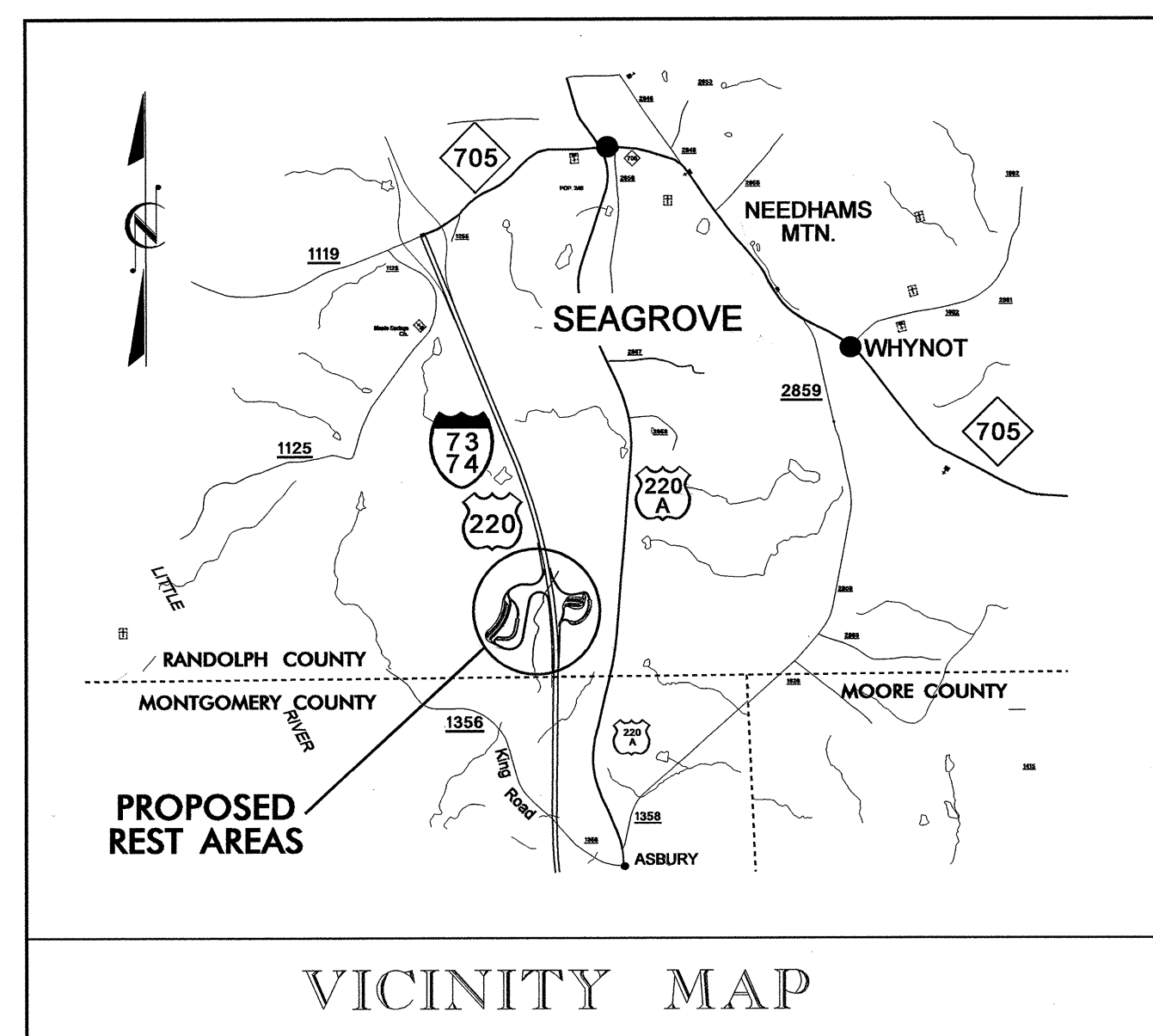
Type of Work: New Building and Site Work

STATE	NC	T.I.P. #	K-3807	SHEET #	1
WBS #	3733L1.1	F.A. Project #		Description	P.E.
					R/W
	3733L3.1				CONST.

North Carolina Department of Transportation
Division of Highways
I South Wilmington Street Raleigh, North Carolina



Randolph Co. Visitor Center & Rest Area
I-73/74 (US 220)



INDEX OF SHEETS

<p>LT-001 PROJECT TITLE SHEET</p> <p>SITE DEVELOPMENT SOUTHBOUND LANE</p> <p>L-001 SBL TITLE SHEET L-002 SBL SITE PLAN LH-001 SBL HARDSCAPE PLAN LH-002 SBL HARDSCAPE PLAN LI-001 SBL IRRIGATION PLAN LP-001 SBL LANDSCAPE PLAN LP-002 SBL PLANT SCHEDULE LP-003 SBL REFORESTATION PLAN LS-001 SBL SIGN LOCATIONS AND DETAILS LL-001 SBL LANDSCAPE LIGHTING PLAN</p> <p>SITE DEVELOPMENT NORTHBOUND LANE</p> <p>L-001 NBL TITLE SHEET L-002 NBL SITE PLAN LH-001 NBL HARDSCAPE PLAN LS-001 NBL SIGN LOCATIONS AND DETAILS LI-001 NBL IRRIGATION PLAN LW-001 NBL WATER FEATURE LW-002 NBL WATER FEATURE DETAILS LP-001 NBL LANDSCAPE PLAN LP-002 NBL PLANT LIST SCHEULE LP-003 NBL REFORESTATION PLAN LL-001 NBL LANDSCAPE LIGHTING PLAN</p> <p>SBL & NBL COMMON DETAIL SHEETS</p> <p>LD-001 IRRIGATION DETAILS LD-002 LANDSCAPE LIGHTING DETAILS LD-003 STORAGE BLDG PLAN/DETAIL LD-004 OMITTED LD-005 SIGN DETAILS LD-006 SIGN DETAILS LD-007 STAND ALONE PICNIC TABLE LD-008 PARK STOVE LD-009 WASTE CONTAINER LD-010 PICNIC SHELTER W/TABLE LD-011 YARD HYDRANT AND FLAG POLE LD-012 SPLIT RAIL FENCE & BENCH WITH STONE BASE LD-013 CONTROL JOINT AND METAL EDGING LD-014 PLANTING DETAIL SHEET LD-015 CONCRETE STEPS LD-016 6' FENCE & NBL UTILITY AREA LD-017 REFORESTATION DETAIL</p> <p>UR-001 UTILITY REFERENCE SHEET</p>	<p>INDEX /CODE COMPLIANCE SOUTHBOUND LANE</p> <p>A00.00 - A00.02</p> <p>CIVIL SOUTHBOUND LANE</p> <p>C01.01 - C03.02</p> <p>ARCHITECTURAL PLANS SOUTHBOUND LANE</p> <p>A00.03 - A12.23</p> <p>STRUCTURAL SOUTHBOUND LANE</p> <p>S00.01 - S05.05</p> <p>MECHANICAL SOUTHBOUND LANE</p> <p>M00.01 - M01.01</p> <p>ELECTRICAL SOUTHBOUND LANE</p> <p>E00.01 - E05.01</p> <p>PLUMBING SOUTHBOUND LANE</p> <p>P00.01 - P05.01</p>	<p>INDEX /CODE COMPLIANCE NORTHBOUND LANE</p> <p>A00.00 - A00.02</p> <p>CIVIL NORTHBOUND LANE</p> <p>C01.01 - C03.02</p> <p>ARCHITECTURAL NORTHBOUND LANE</p> <p>A00.03 - A12.23</p> <p>STRUCTURAL NORTHBOUND LANE</p> <p>S00.01 - S05.05</p> <p>MECHANICAL NORTHBOUND LANE</p> <p>M00.01 - M01.01</p> <p>ELECTRICAL NORTHBOUND LANE</p> <p>E00.01 - E05.01</p> <p>PLUMBING NORTHBOUND LANE</p> <p>P00.01 - P05.01</p>
--	--	--

Site /Landscape Design LANDSCAPE DESIGN & DEVELOPMENT	Site /Utility Design REST AREA SECTION	Architectural/Engineering				
Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725 </td> <td style="width: 50%; vertical-align: top;"> Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122 </td> </tr> <tr> <td style="vertical-align: top;"> Mechanical/Elec/Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333 </td> <td style="vertical-align: top;"> Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645 </td> </tr> </table>	Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725	Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122	Mechanical/Elec/Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333	Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645
Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725	Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122					
Mechanical/Elec/Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333	Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645					
		Plans Drawn By: KOPETSKY/WILSON/LOHMANN Scale: n/a Date: 11 / 06 / 07 Letting Date: 2006 Standard Specifications Sheet Description: TITLE SHEET Sheet #: LT - 001				

Contract : Randolph County - I-7374 (US 220) Visitor Center & Rest Area

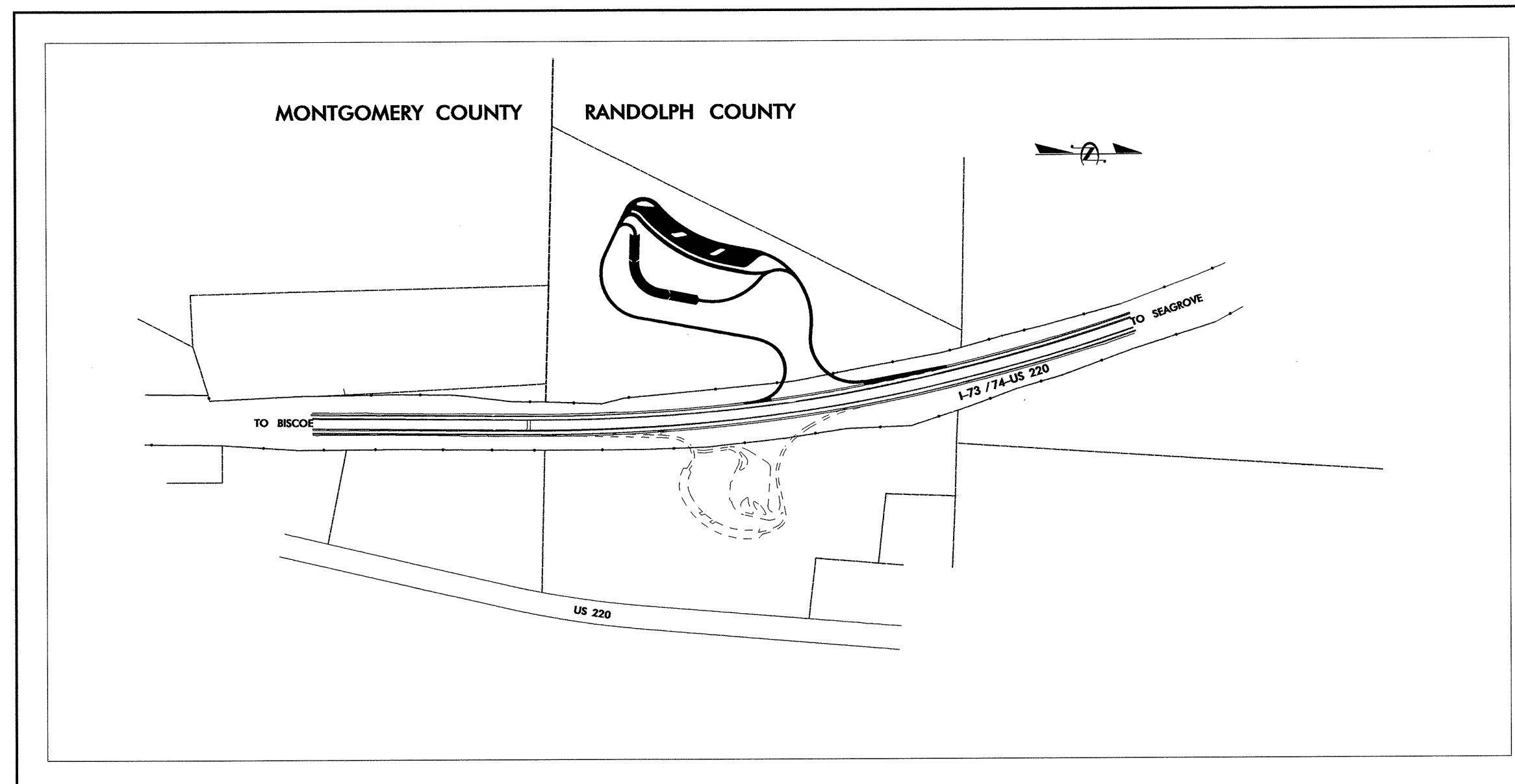
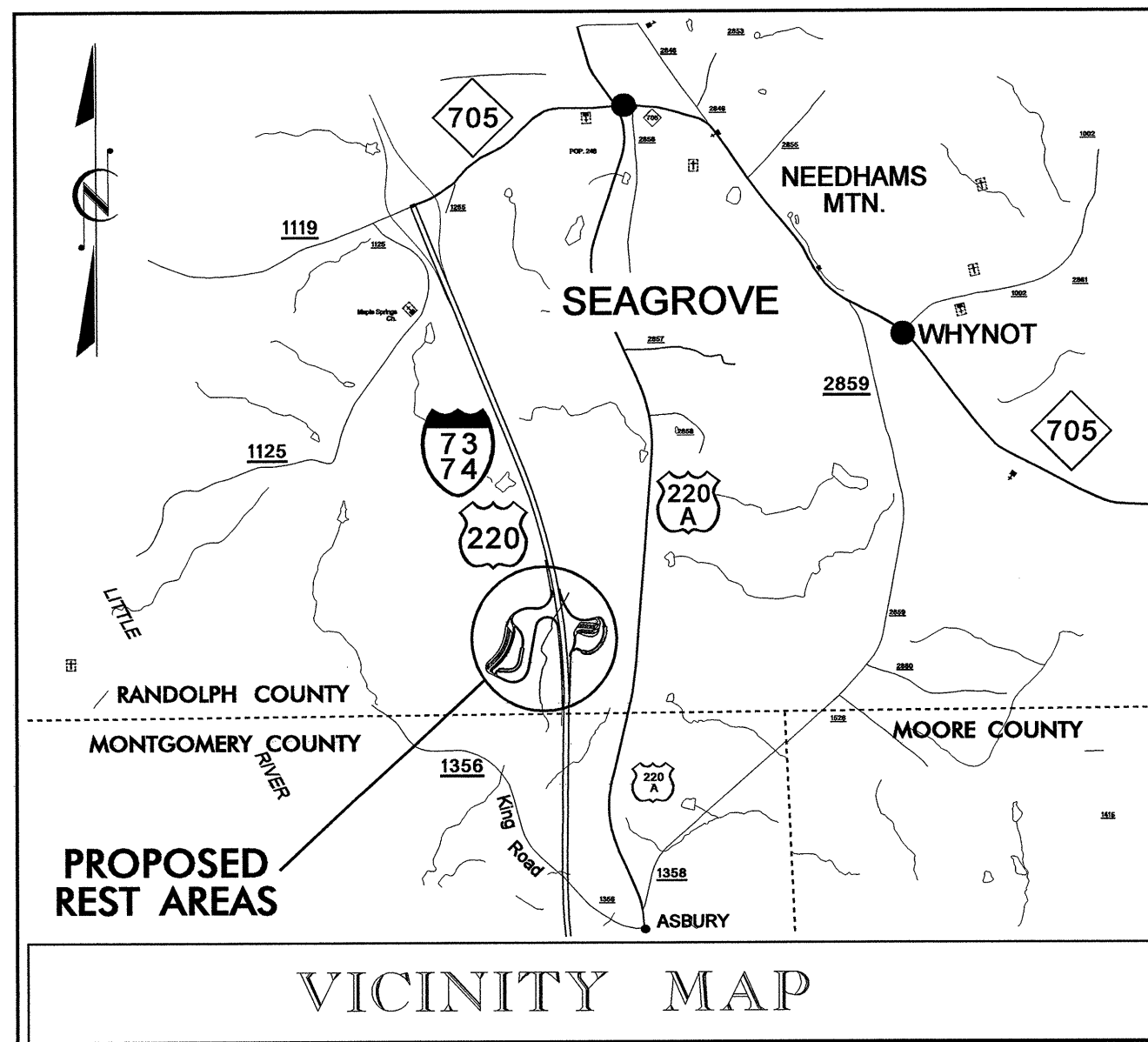
STATE NC	T.I.P. # K-3807	SHEET # 1 of 24
WBS # 3733L.1.1	F.A. Project #	Description P.E.
3733L.3.1		R/W CONST.

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

RANDOLPH COUNTY

South Bound Lane

Location: I-73/74 South of Seagrove, NC and North of Montgomery Co. line
Type of Work: New Building, Grading, Drainage, Paving, Site, and Utility Work



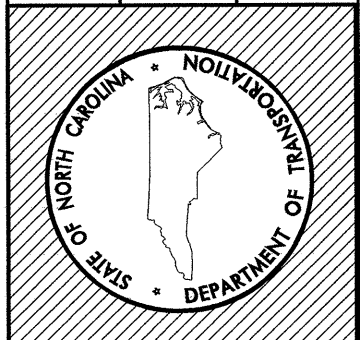
INDEX OF SHEETS

- L-001 SBL TITLE SHEET
- L-002 SBL SITE PLAN
- LH-001 SBL HARDSCAPE PLAN
- LH-002 SBL HARDSCAPE PLAN
- LI-001 SBL IRRIGATION PLAN
- LP-001 SBL LANDSCAPE PLAN
- LP-002 SBL PLANT SCHEDULE
- LP-003 SBL REFORESTATION PLAN
- LS-001 SBL SIGN LOCATIONS AND DETAILS
- LL-001 SBL LANDSCAPE LIGHTING PLAN

SBL & NBL COMMON DETAIL SHEETS

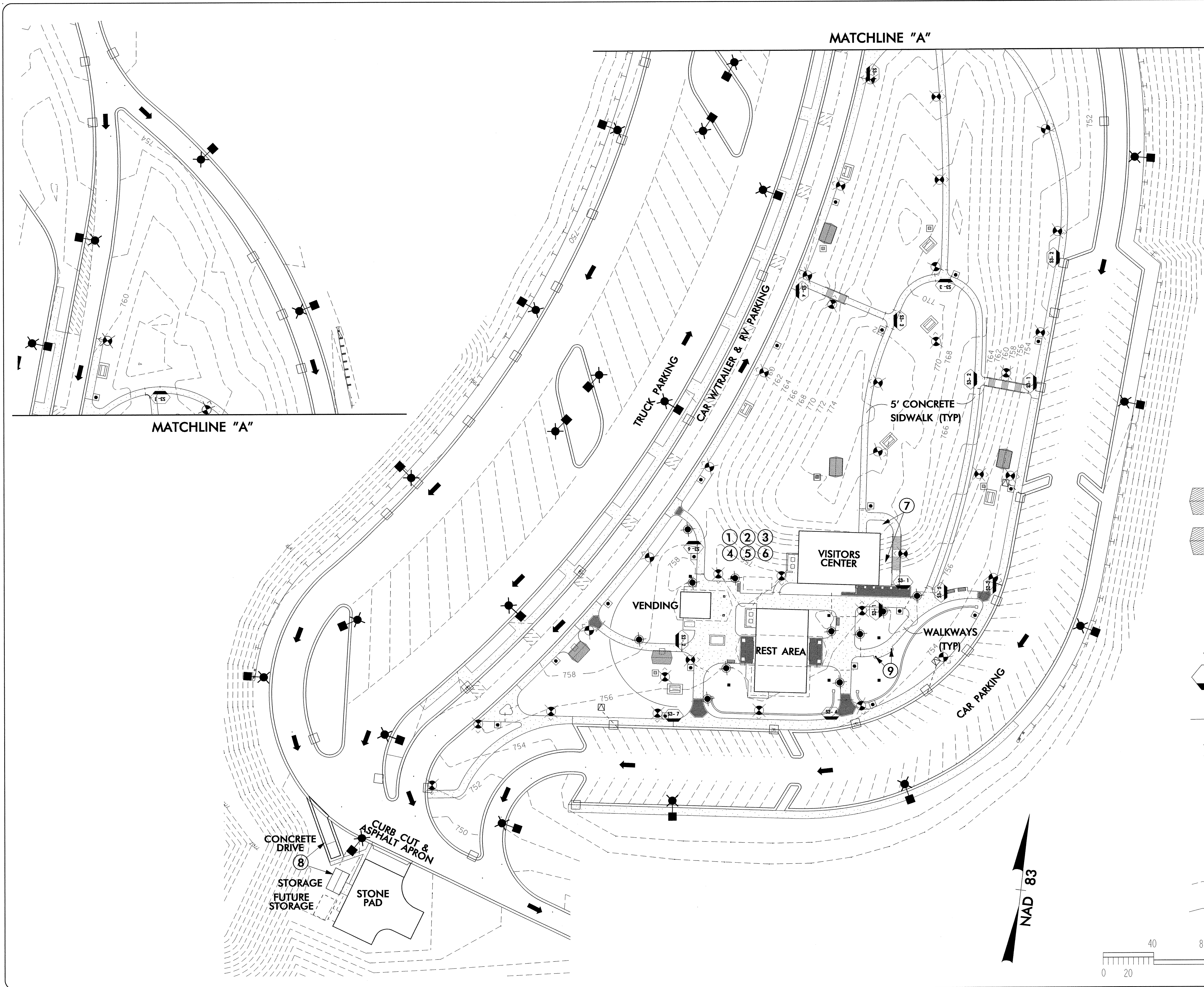
- LD-001 IRRIGATION DETAILS
- LD-002 LANDSCAPE LIGHTING DETAILS
- LD-003 STORAGE BLDG PLAN/DETAIL
- LD-004 OMITTED
- LD-005 SIGN DETAILS
- LD-006 SIGN DETAILS
- LD-007 STAND ALONE PICNIC TABLE
- LD-008 PARK STOVE
- LD-009 WASTE CONTAINER
- LD-010 PICNIC SHELTER W/TABLE
- LD-011 YARD HYDRANT AND FLAG POLE
- LD-012 SPLIT RAIL FENCE AND BENCH WITH STONE BASE
- LD-013 CONTROL JOINT AND METAL EDGING
- LD-014 PLANTING DETAILS
- LD-015 CONCRETE STEPS
- LD-016 WOOD SCREEN FENCE
- LD-017 REFORESTATION DETAIL
- UR-001 UTILITY REFERENCE PLAN

North Carolina Department of Transportation
 Division of Highways
 1 South Wilmington Street Raleigh, North Carolina



Randolph Co. Visitor Center & Rest Area
 I-73/74 (US 220)

Site /Landscape Design	Site /Utility Design	Architectural/Engineering	
LANDSCAPE DESIGN & DEVELOPMENT	REST AREA SECTION	Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725	Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122
Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	Mechanical/Elec./Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333	Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645
Plans Drawn By: _____ Scale: n/a Date: 11 / 06 / 07 Letting Date: _____ 2006 Standard Specifications Sheet Description: SBL TITLE SHEET Sheet #: L - 001			



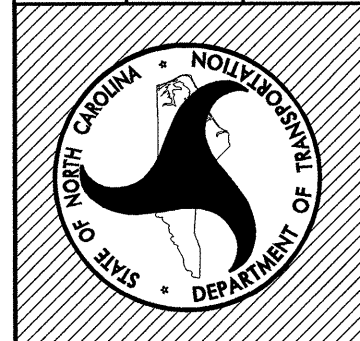
- CONSTRUCTION NOTES:**
- 1) COBBLESTONE PACEMENT, CONCRETE/TOOLED WALKWAYS - SEE SHEETS LH-001, LD-013.
 - 2) SIGN LOCATIONS AND DETAILS - SEE SHEETS LS-001, LD-005, LD-006.
 - 3) IRRIGATION REQUIREMENT - SEE SHEETS LI-001, LD-001
 - 4) LANDSCAPE LIGHTING REQUIREMENTS - SEE SHEETS LL-001, LD-002, LD-005.
 - 5) REFORESTATION REQUIREMENTS - SEE SHEETS LP-003, LD-017
 - 6) LANDSCAPING REQUIREMENTS - SEE SHEETS LP-001, LP-002, LD-013, LD-014
 - 7) WATER FEATURE REQUIREMENTS - SEE ARCHITECT DRAWINGS.
 - 8) STORAGE BUILDING AND DUMPSTER AREA REQUIREMENTS - SEE SHEETS LH-001, LD-003,
 - 9) 2-FLAG POLES REQUIRED - SEE SHEET LD-011

- LEGEND NOTES:**
- # CONSTRUCTION NOTE IDENTIFICATION
 - [Hatched Box] PICNIC SHELTER & TABLE (HANDICAP) SEE SHEET LD-010
 - [Hatched Box] PICNIC SHELTER & TABLE - SEE SHEET LD-010
 - [Line] BENCH SEAT - SEE SHEET LD-012
 - [Square] PARK STOVE - SEE SHEET LD-008
 - [Circle] WASTE CONTAINER ON PAD - LD-009
 - [Dashed Line] DEPRESSED CURB
 - [S-1 Symbol] ENTRANCE SIGN LOCATION - SEE SHEETS LS-001, LD-005, LD-006
 - [Line] 2-SPLIT RAIL FENCE - SEE SHEET LD-012
 - [Star] ROADWAY LIGHT
 - [Circle] POST TOP LIGHT
 - [Circle] BOLLARD
 - [Dashed Line] SIDEWALK
 - [Square] YARD HYDRANT - SEE SHEET LD-011
 - [Dashed Line] PROPOSED CONTOURS
 - [Solid Line] EXISTING CONTOURS

North Carolina Department of Transportation

Roadside Environmental Unit

Landscape Design & Development Section



PROJECT TITLE :

Randolph Co. Visitor Center & Rest Area I-73/74 (US 220)

Plans Drawn By: **DLW/DL**

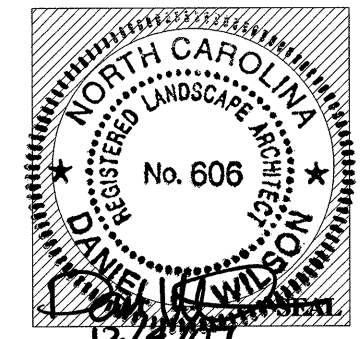
Scale

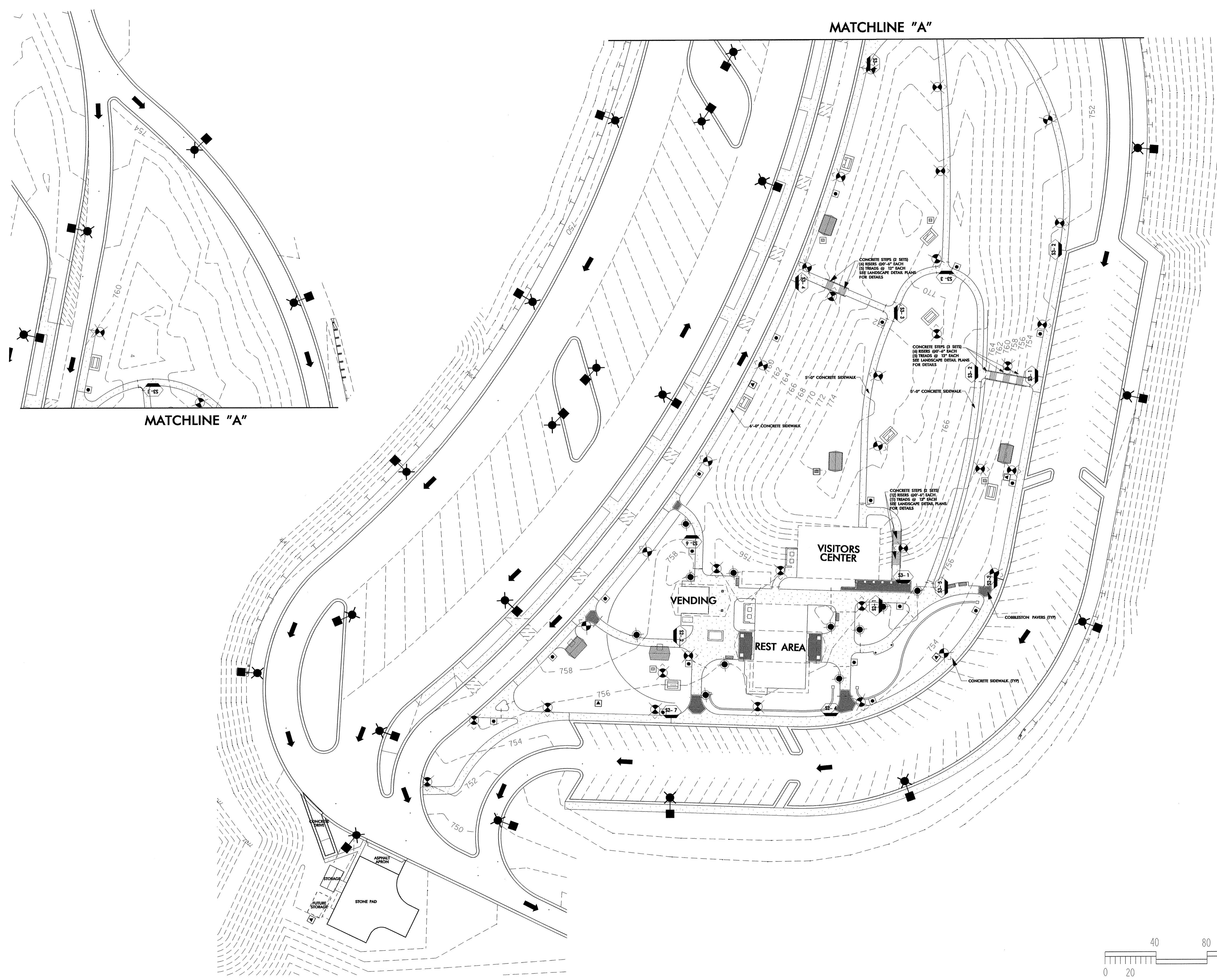
Date: **11 / 06 / 07**

Sheet Description: **SBL SITE PLAN**

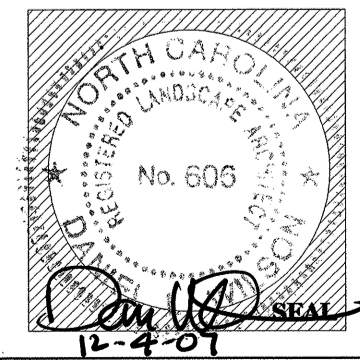
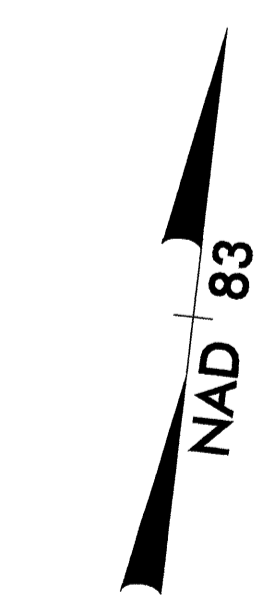
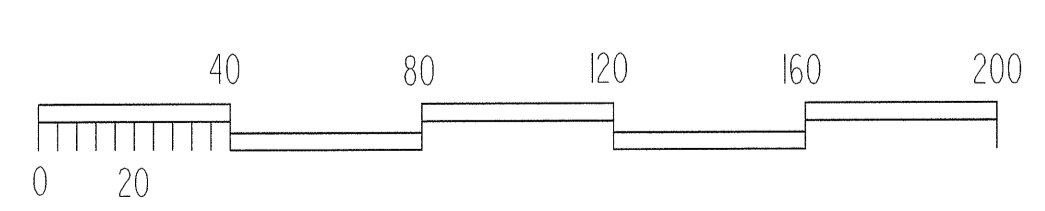
T.I.P. #: **K - 3807**


Sheet #: **L-002**

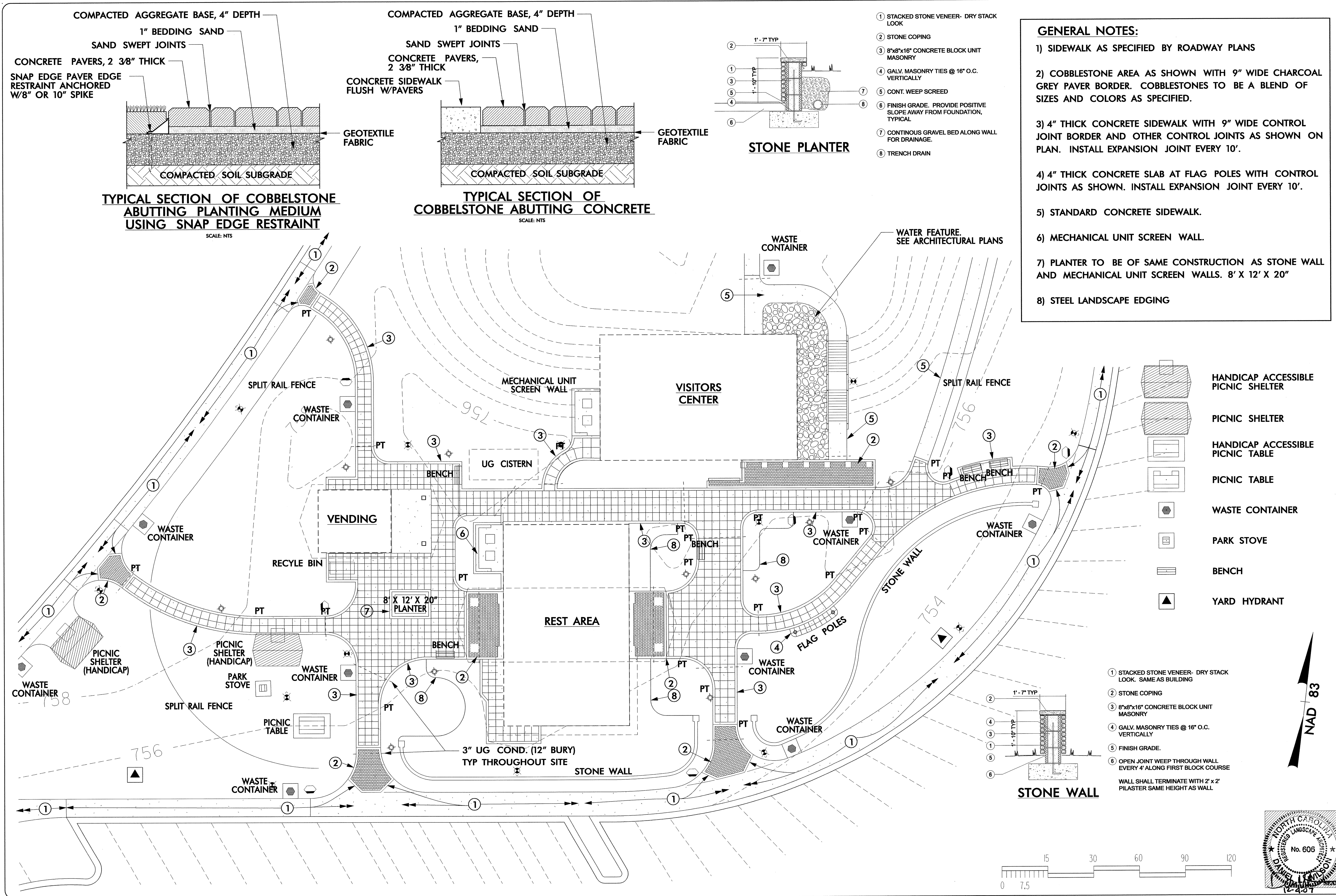




- LEGEND NOTES:**
- HANDICAP ACCESSIBLE PICNIC SHELTER
 - PICNIC SHELTER
 - HANDICAP ACCESSIBLE PICNIC TABLE
 - PICNIC TABLE
 - WASTE CONTAINER
 - PARK STOVE
 - BENCH
 - YARD HYDRANT
 - SPLIT RAIL FENCE
 - CONCRETE STEPS
 - ROADWAY LIGHT
 - POST TOP LIGHT
 - BOLLARD LIGHT
 - SIDEWALK



<p>North Carolina Department of Transportation Roadside Environmental Unit Landscape Design & Development Section</p>

<p>PROJECT TITLE : Randolph Co. Visitor Center & Rest Area I-7374 (US 220)</p>
<p>Plans Drawn By: DLW/DL Scale</p>
<p>Date 11 / 06 / 07</p>
<p>Sheet Description SBL HARDSCAPE PLAN T.I.P. # K - 3807</p>
<p>Sheet # LH-001</p>

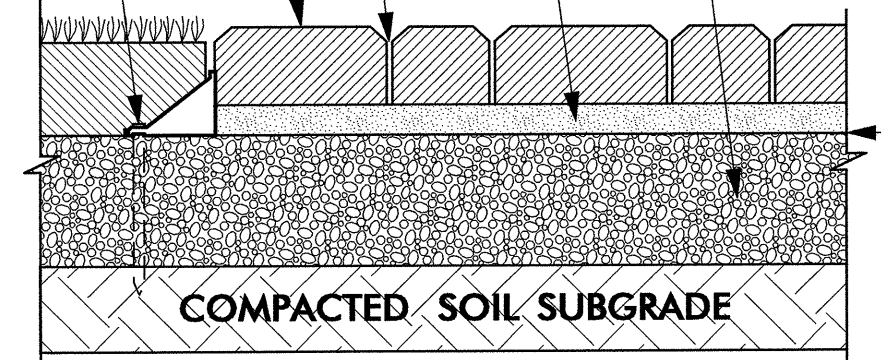


COMPACTED AGGREGATE BASE, 4" DEPTH

1" BEDDING SAND

SAND SWEEP JOINTS

CONCRETE PAVERS, 2 3/8" THICK
SNAP EDGE PAVER EDGE RESTRAINT ANCHORED W/8" OR 10" SPIKE



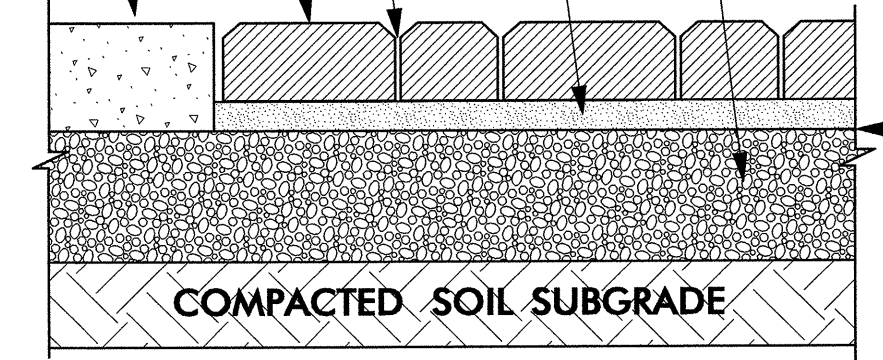
TYPICAL SECTION OF COBBELSTONE ABUTTING PLANTING MEDIUM USING SNAP EDGE RESTRAINT
SCALE: NTS

COMPACTED AGGREGATE BASE, 4" DEPTH

1" BEDDING SAND

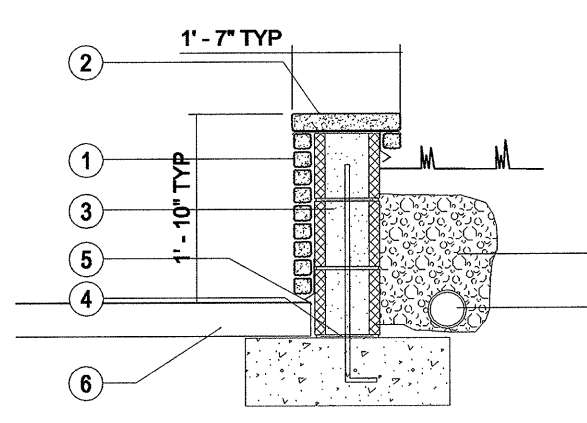
SAND SWEEP JOINTS

CONCRETE PAVERS, 2 3/8" THICK
CONCRETE SIDEWALK FLUSH W/PAVERS



TYPICAL SECTION OF COBBELSTONE ABUTTING CONCRETE
SCALE: NTS

- 1 STACKED STONE VENEER- DRY STACK LOOK
- 2 STONE COPING
- 3 8"x8"x16" CONCRETE BLOCK UNIT MASONRY
- 4 GALV. MASONRY TIES @ 16" O.C. VERTICALLY
- 5 CONT. WEEP SCREED
- 6 FINISH GRADE. PROVIDE POSITIVE SLOPE AWAY FROM FOUNDATION, TYPICAL
- 7 CONTINUOUS GRAVEL BED ALONG WALL FOR DRAINAGE.
- 8 TRENCH DRAIN



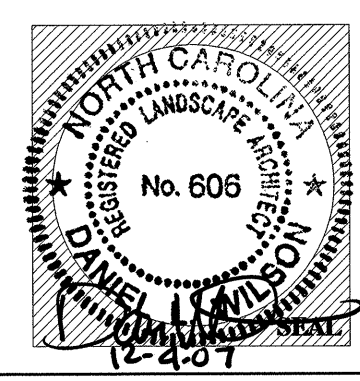
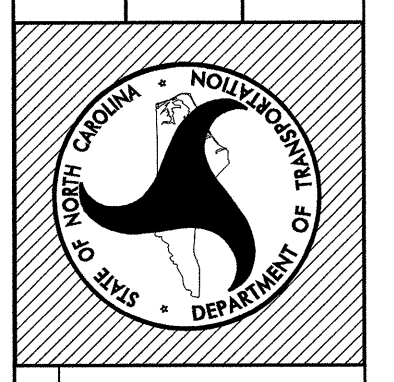
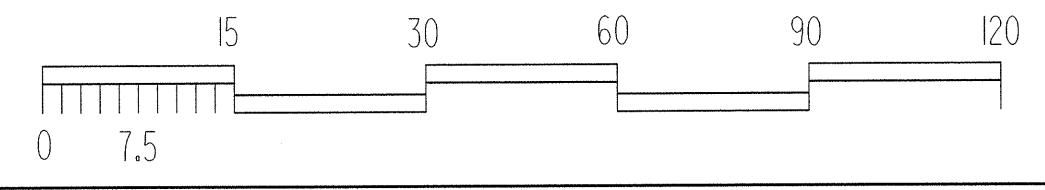
STONE PLANTER

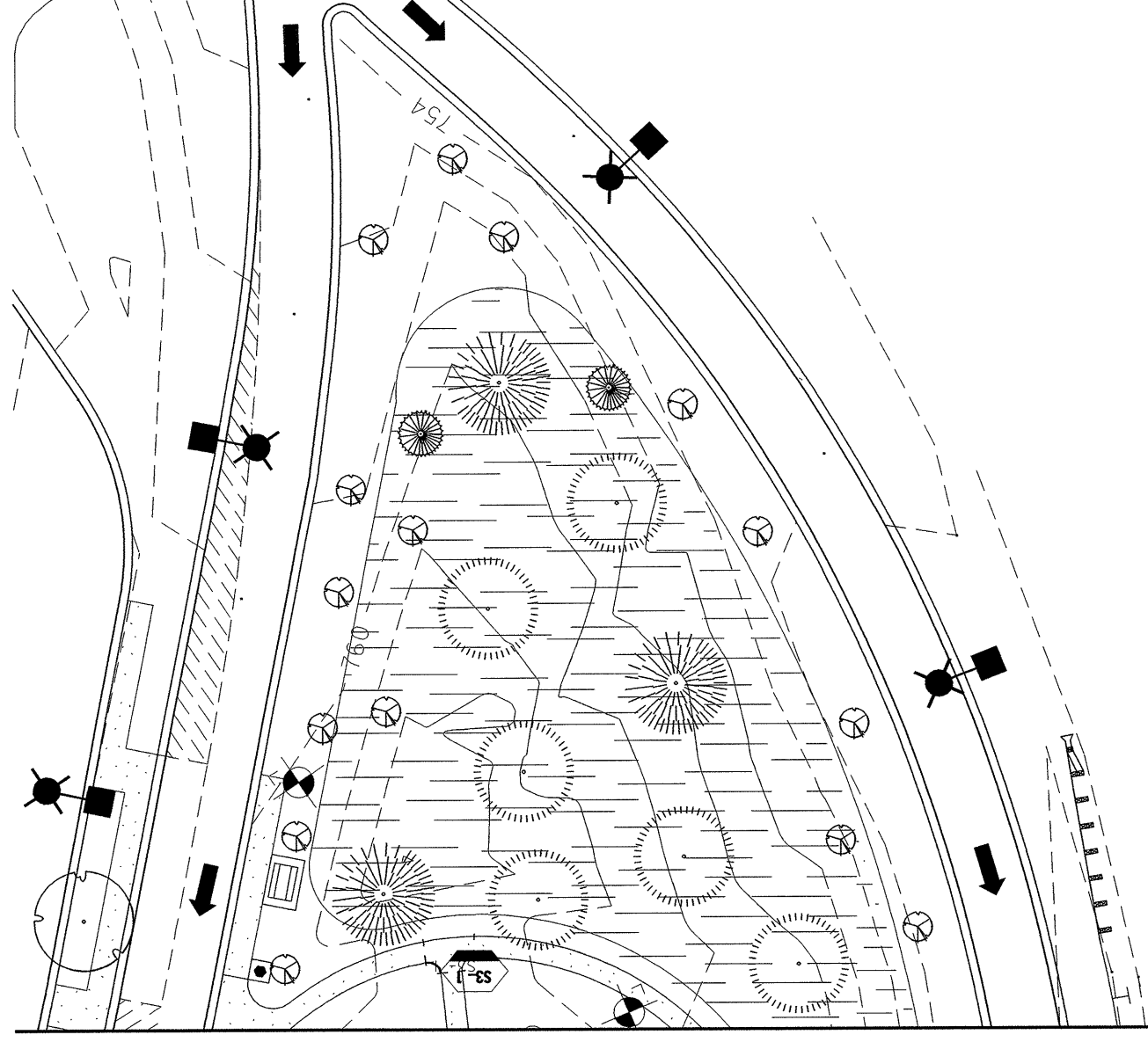
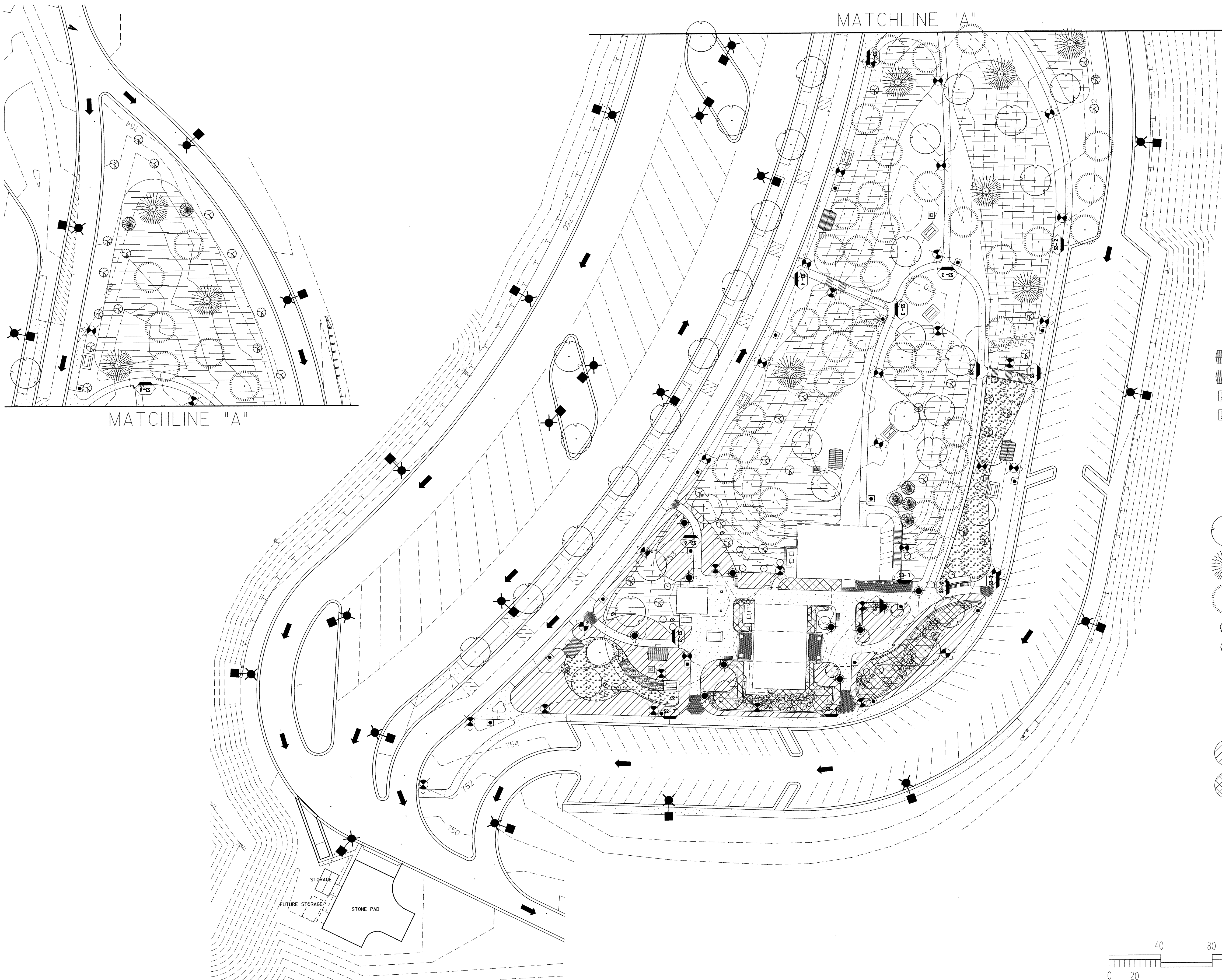
- GENERAL NOTES:**
- 1) SIDEWALK AS SPECIFIED BY ROADWAY PLANS
 - 2) COBBLESTONE AREA AS SHOWN WITH 9" WIDE CHARCOAL GREY PAVER BORDER. COBBLESTONES TO BE A BLEND OF SIZES AND COLORS AS SPECIFIED.
 - 3) 4" THICK CONCRETE SIDEWALK WITH 9" WIDE CONTROL JOINT BORDER AND OTHER CONTROL JOINTS AS SHOWN ON PLAN. INSTALL EXPANSION JOINT EVERY 10'.
 - 4) 4" THICK CONCRETE SLAB AT FLAG POLES WITH CONTROL JOINTS AS SHOWN. INSTALL EXPANSION JOINT EVERY 10'.
 - 5) STANDARD CONCRETE SIDEWALK.
 - 6) MECHANICAL UNIT SCREEN WALL.
 - 7) PLANTER TO BE OF SAME CONSTRUCTION AS STONE WALL AND MECHANICAL UNIT SCREEN WALLS. 8' X 12' X 20"
 - 8) STEEL LANDSCAPE EDGING

- HANDICAP ACCESSIBLE PICNIC SHELTER
- PICNIC SHELTER
- HANDICAP ACCESSIBLE PICNIC TABLE
- PICNIC TABLE
- WASTE CONTAINER
- PARK STOVE
- BENCH
- YARD HYDRANT

- 1 STACKED STONE VENEER- DRY STACK LOOK. SAME AS BUILDING
- 2 STONE COPING
- 3 8"x8"x16" CONCRETE BLOCK UNIT MASONRY
- 4 GALV. MASONRY TIES @ 16" O.C. VERTICALLY
- 5 FINISH GRADE.
- 6 OPEN JOINT WEEP THROUGH WALL EVERY 4' ALONG FIRST BLOCK COURSE
WALL SHALL TERMINATE WITH 2' x 2' PILASTER SAME HEIGHT AS WALL

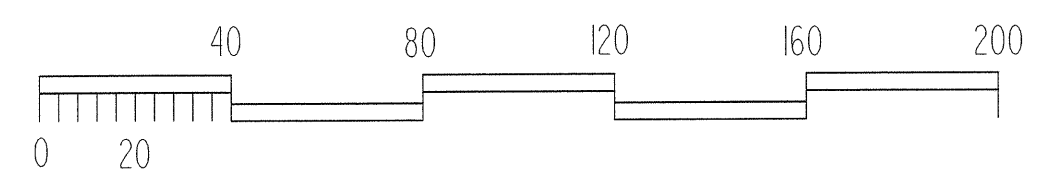
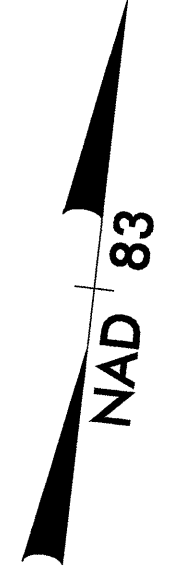
STONE WALL



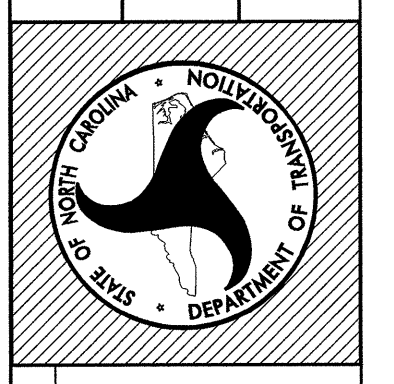


LEGEND NOTES:

- HANDICAP ACCESSIBLE PICNIC SHELTER
- PICNIC SHELTER
- HANDICAP ACCESSIBLE PICNIC TABLE
- PICNIC TABLE
- WASTE CONTAINER
- PARK STOVE
- BENCH
- YARD HYDRANT
- LARGE DECIDUOUS TREE
- MAGNOLIA
- PINE
- RED CEDAR
- NATCHEZ CRAPEMYRTLE
- SMALL FLOWERING TREE
- HOLLY
- HEDGES
- SOD
- BOULDER
- AREA TO BE IRRIGATED WITH AUTOMATIC SPRAY SYSTEM (APPROX. 12288 SF TURF)
- AREA TO BE IRRIGATED WITH AUTOMATIC DRIP SYSTEM (APPROX. 5215 SF SHRUB BEDS)

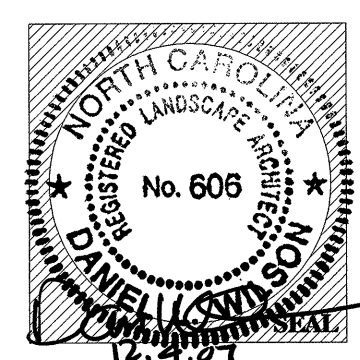


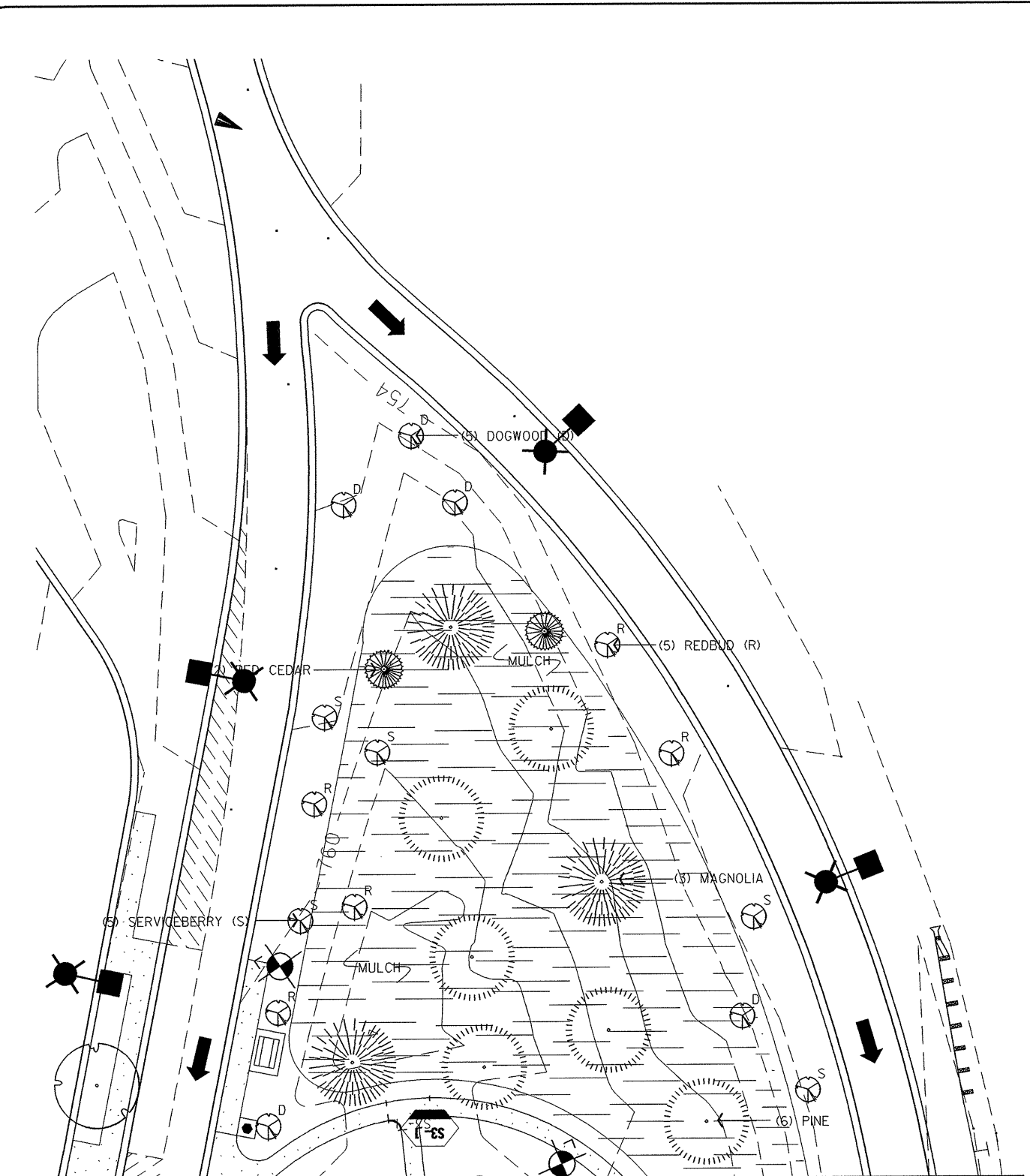
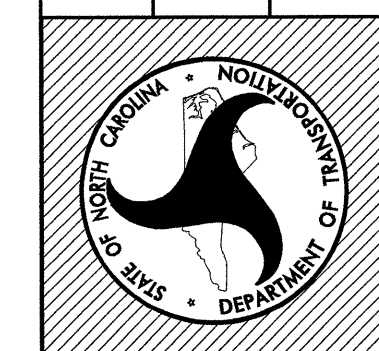
North Carolina Department of Transportation
Roadside Environmental Unit
Landscape Design & Development Section



PROJECT TITLE:
Randolph Co. Visitor Center
& Rest Area
I-73/74 (US 220)

Plans Drawn By:	DLWDL
Scale:	
Date:	11 / 06 / 07
Sheet Description:	SBL IRRIGATION PLAN
T.I.P. #:	K - 3807
Sheet #:	LI-001

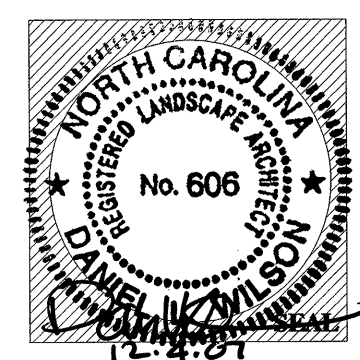
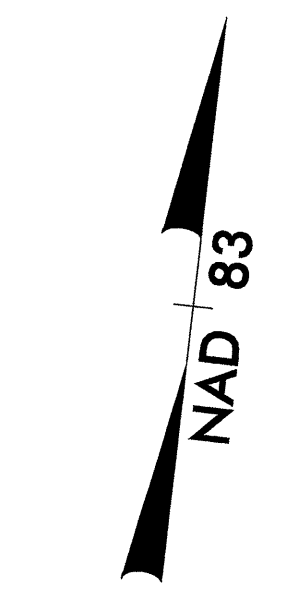
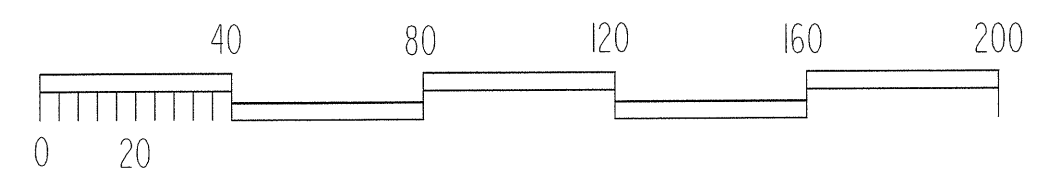




LEGEND NOTES:

- HANDICAP ACCESSIBLE PICNIC SHELTER
- PICNIC SHELTER
- HANDICAP ACCESSIBLE PICNIC TABLE
- PICNIC TABLE
- WASTE CONTAINER
- PARK STOVE
- BENCH
- YARD HYDRANT
- LARGE DECIDUOUS TREE
- MAGNOLIA
- PINE
- RED CEDAR
- NATCHEZ CRAPEMYRTLE
- SMALL FLOWERING TREE
- HOLLY
- HEDGES
- SOD
- BOULDER

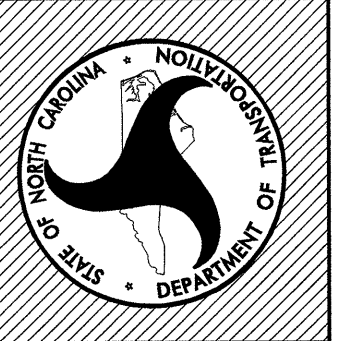
Qty.	Botanical Name	Common Name
6	<i>Juniperus virginiana</i>	Eastern Red Cedar
9	<i>Magnolia grandiflora</i> 'Bracken's Brown Beauty'	Bracken's Brown Beauty Magnolia
53	<i>Pinus taeda</i>	Liberty Pine
6	<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple
2	<i>Quercus coccinea</i>	Scarlet Oak
1	<i>Quercus bicolor</i>	Southern Red Oak
5	<i>Quercus imbricaria</i>	Overcup Oak
3	<i>Quercus phellos</i>	Willow Oak
1	<i>Quercus rubra</i>	Northern Red Oak
11	<i>Quercus shumardii</i>	Shumard Oak
9	<i>Ulmus americana</i> 'Princeton'	Princeton Elm
18	<i>Flex x Liberty</i>	Liberty Holly
22	<i>Amelanchier x Autumn Brilliance</i>	Autumn Brilliance Serviceberry
8	<i>Cornus canadensis</i>	Eastern Dogwood
16	<i>Cornus florida</i>	Flowering Dogwood
5	<i>Lagerstroemia</i> 'Natchez'	Natchez Crape Myrtle
42	<i>Exochorda ferruginea</i> 'Prostrata'	Prostrate Japanese Yew
17	<i>Ilex cornuta</i> 'Neva'	Dwarf Yaupon Holly
39	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass
17	<i>Echinacea purpurea</i>	Purple Coneflower
15	<i>Houtteckia filata</i> 'Goldstrum'	Orange Coneflowers
2650	<i>Cynodactylon dactyloides</i>	Weeping Love Grass



SBL Plant Schedule

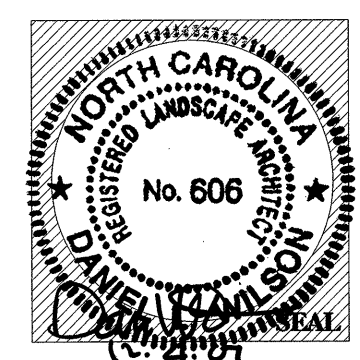
Sec	Qty.	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
1670	6	EA	<i>Juniperus virginiana</i>	Eastern Red Cedar	6-8'		B&B	3.2.4	Single stem/limbed up
1670	9	EA	<i>Magnolia grandiflora</i> 'Bracken's Brown Beauty'	Bracken's Brown Beauty Magnolia	10-12'		B&B	1.2.2	limbed up
1670	53	EA	<i>Pinus taeda</i>	Loblolly Pine	8-10'		B&B	3.2.4	limbed up
1670	6	EA	<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple	10-12'		B&B	1.2.1	
1670	2	EA	<i>Quercus coccinea</i>	Scarlet Oak	10-12'		B&B	1.2.1	
1670	1	EA	<i>Quercus falcata</i>	Southern Red Oak	10-12'		B&B	1.2.1	
1670	5	EA	<i>Quercus lyrata</i>	Overcup Oak	10-12'		B&B	1.2.1	
1670	3	EA	<i>Quercus phellos</i>	Willow Oak	10-12'		B&B	1.2.1	
1670	1	EA	<i>Quercus rubra</i>	Northern Red Oak	10-12'		B&B	1.2.1	
1670	11	EA	<i>Quercus shumardii</i>	Shumard Oak	10-12'		B&B	1.2.1	
1670	9	EA	<i>Ulmus americana</i> 'Princeton'	Princeton Elm	10-12'		B&B	1.2.1	
1670	18	EA	<i>Ilex x 'Liberty'</i>	Liberty Holly	6'		B&B	4.2.4	limbed up
1670	22	EA	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Serviceberry	6-8'		B&B	1.2.3	
1670	8	EA	<i>Cercis canadensis</i>	Eastern Redbud	6-8'		B&B	1.2.3	
1670	16	EA	<i>Cornus florida</i>	Flowering Dogwood	6-8'		B&B	1.2.3	
1670	5	EA	<i>Lagerstroemia 'Natchez'</i>	Natchez Crapemyrtle	10-12'		B&B	1.2.3	
1670	42	EA	<i>Cephalotaxus harringtonia</i> 'Prostrata'	Prostrate Japanese Yew			#7 cont.	3.2.1	
1670	17	EA	<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly			#7 cont.	4.2.3	
1670	39	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	
1670	17	EA	<i>Echinacea purpurea</i>	Purple Coneflower			#1 cont.	12.3	
1670	16	EA	<i>Rudbeckia fulgida</i> 'Goldstrum'	Orange Coneflower			#1 cont.	12.3	
1670	2650	EA	<i>Eragrostis curvula</i>	Weeping Love Grass			2 1/2' pot	6.5	
1670	790	CY	Mulch for Planting						
1670	5	M/G	Water for Planting						
1670	50	SY	Post emergence Herbicidal Treatment						
1670	50	SY	Pre emergence Herbicidal Treatment						
1660	1364	SY	Sodding						

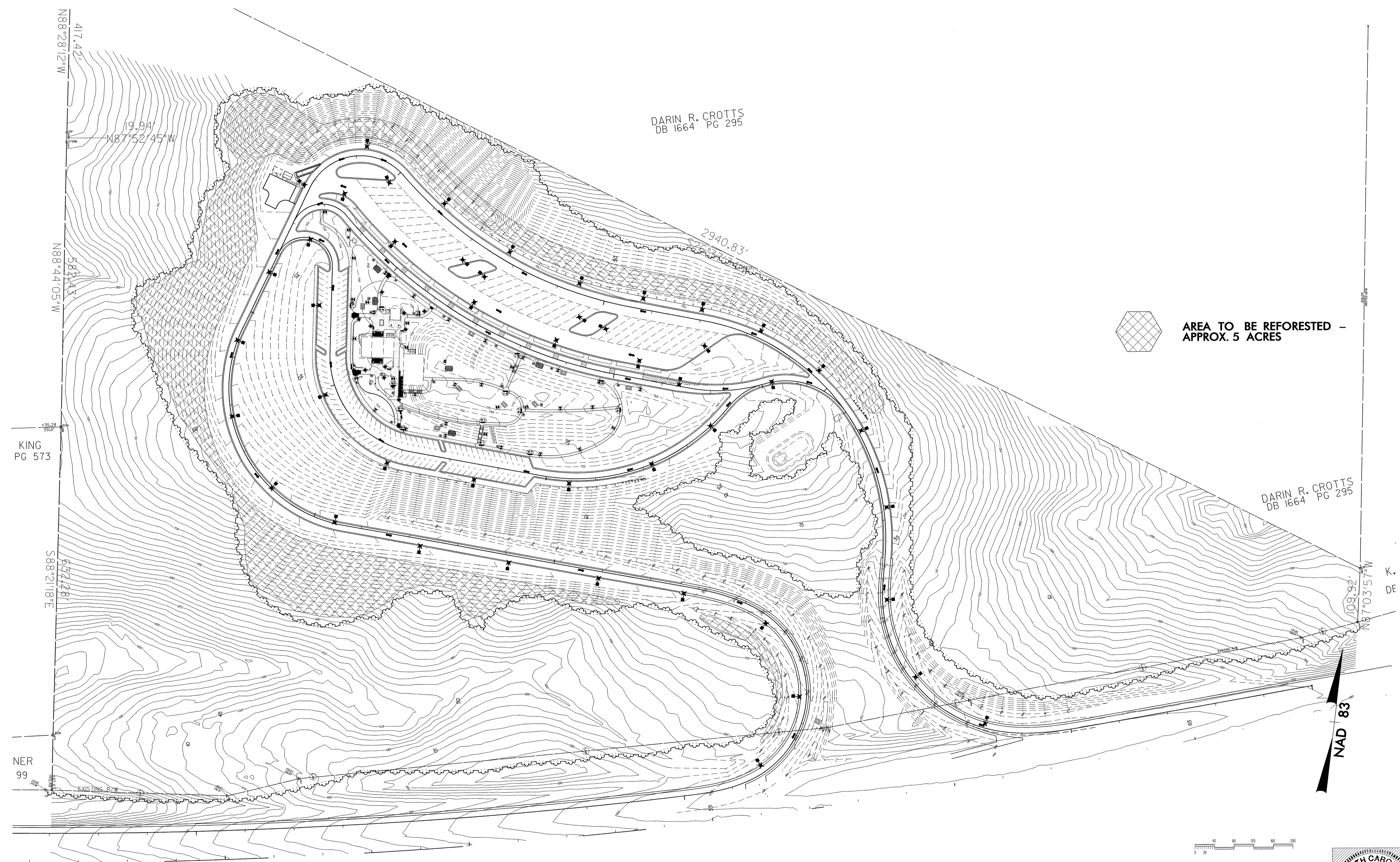
North Carolina Department of Transportation
 Roadside Environmental Unit
 Landscape Design & Development Section



PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-73/74 (US 220)**

Plans Drawn By:
DLW/DL
 Scale:
 Date:
11 / 06 / 07
 Sheet Description:
**SBL
 PLANT
 SCHEDULE**
 T.I.P. #
K - 3807
 Sheet #
LP-002

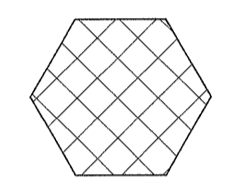




DARIN R. CROTTS
DB 1664 PG 295

2940.83'

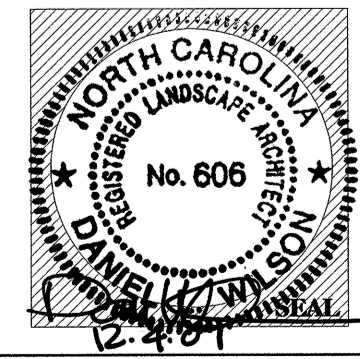
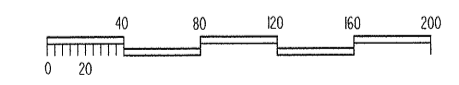
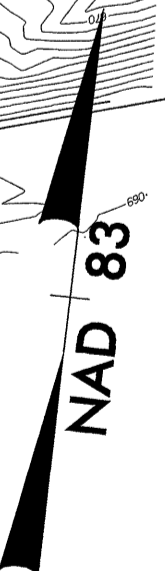
DARIN R. CROTTS
DB 1664 PG 295



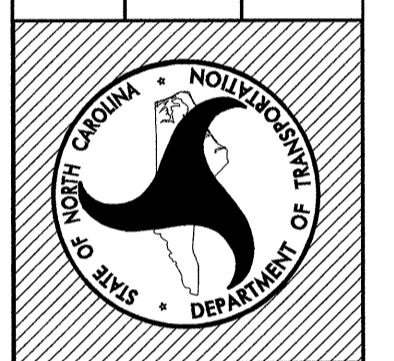
AREA TO BE REFORESTED -
APPROX. 5 ACRES

KING
PG 573

NER
99



North Carolina Department of Transportation
Roadside Environmental Unit
Landscape Design & Development Section



PROJECT TITLE:
**Randolph Co. Visitor Center
& Rest Area
I-73/74 (US 220)**

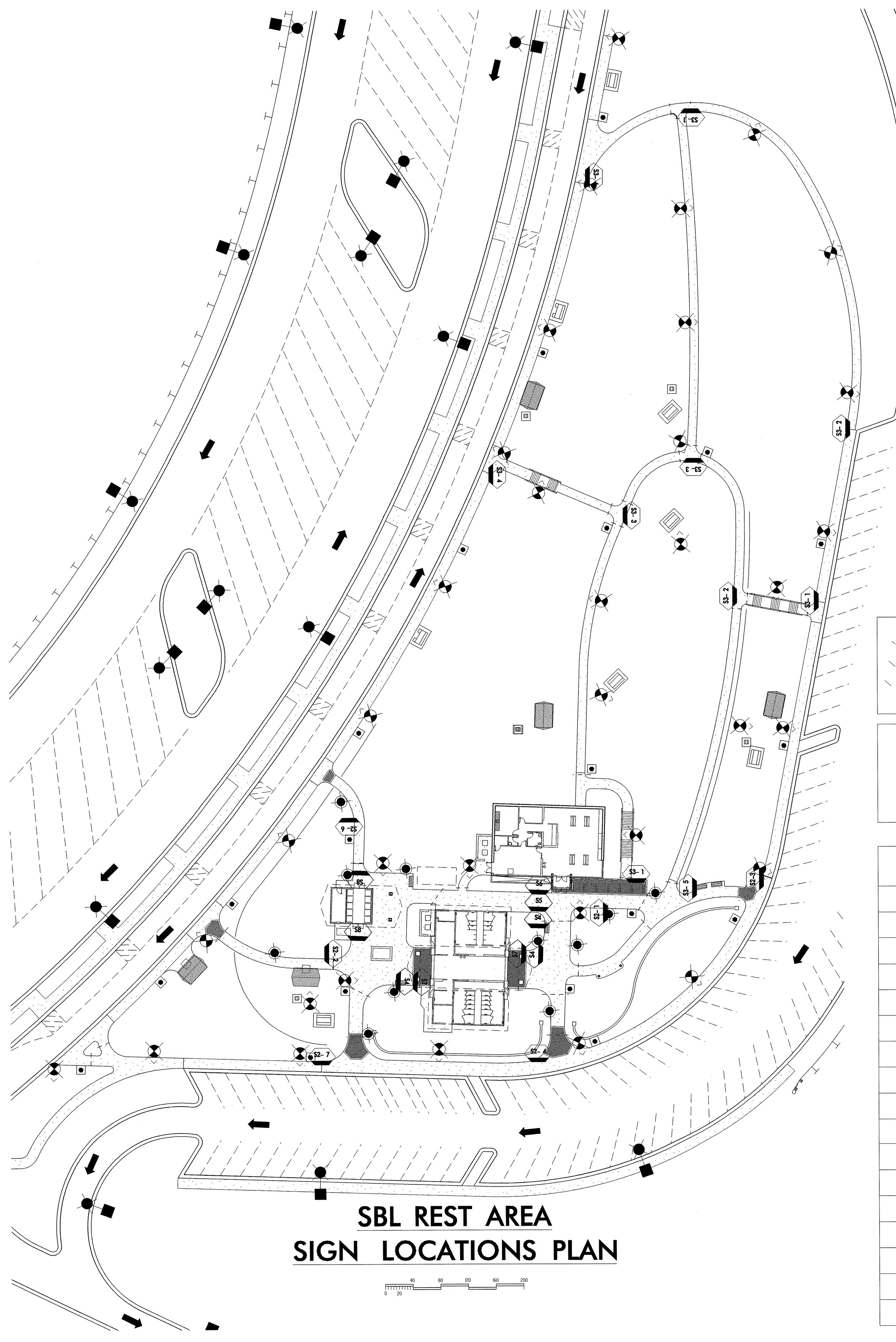
Plans Drawn By:
DLW/DL
Scale

Date
11 / 06 / 07

Sheet Description
**SBL
REFORESTATION
PLAN**

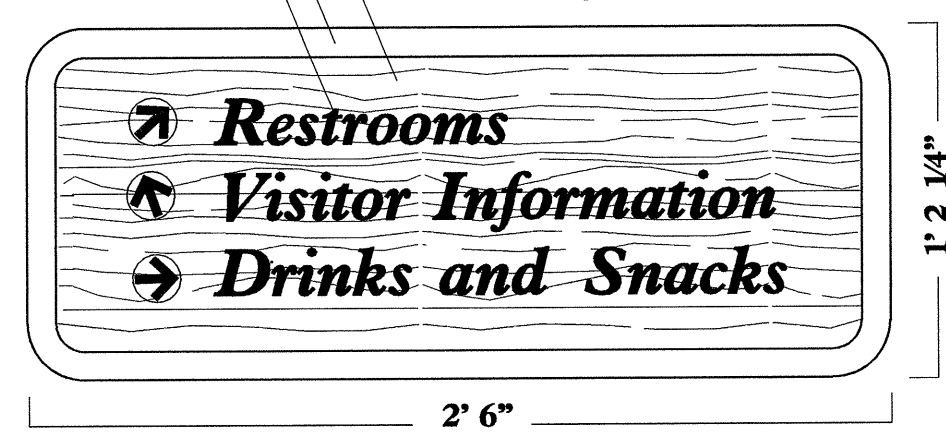
T.I.P. #
K - 3807

Sheet #
LP-003

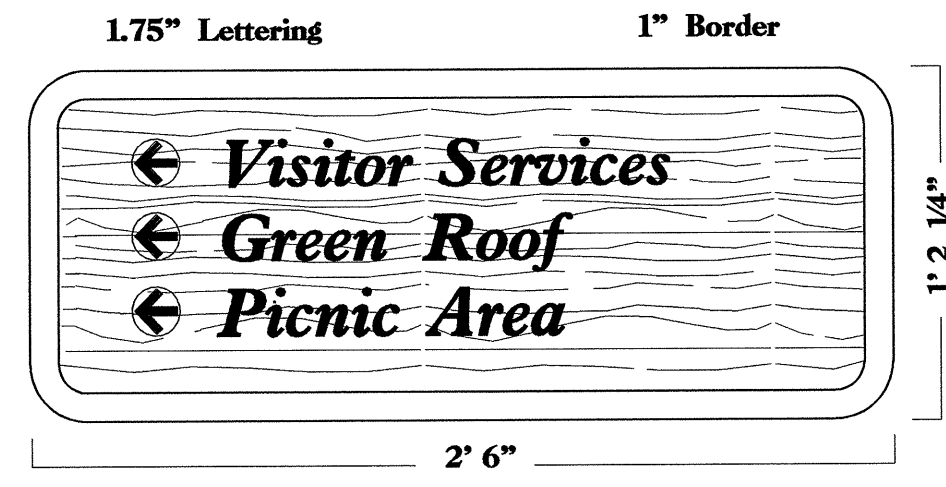


**SBL REST AREA
SIGN LOCATIONS PLAN**

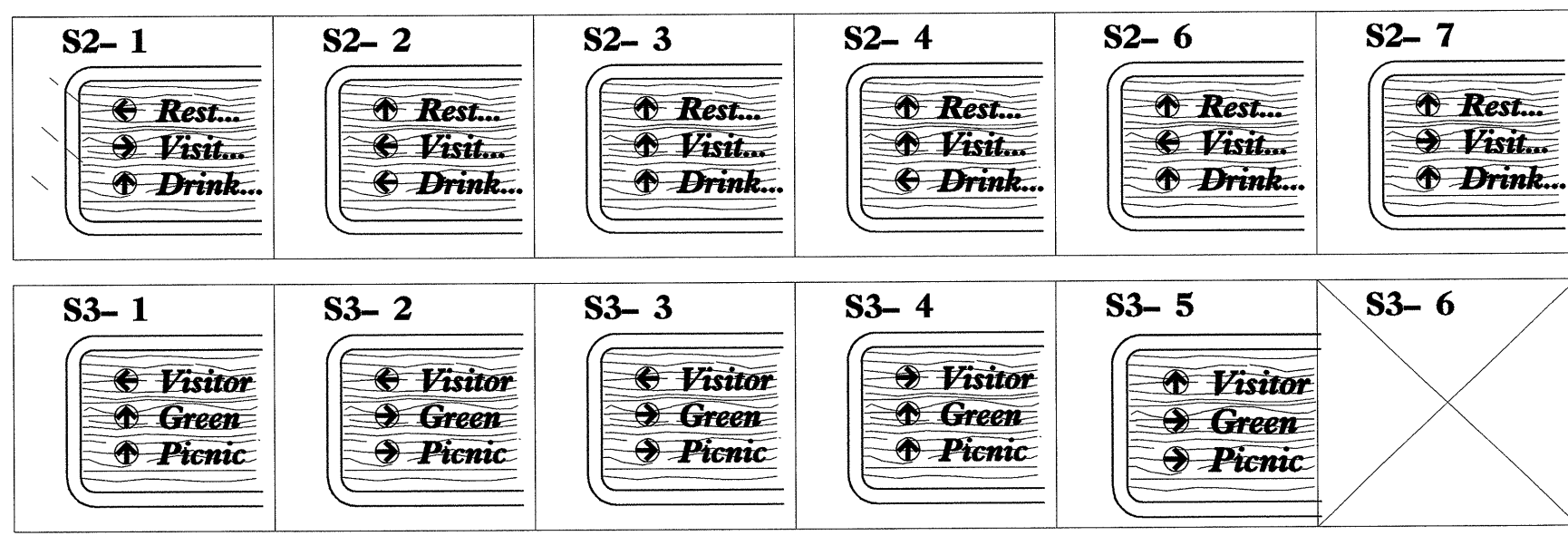
Sandblasted woodgrain background (typ.)
 Raised border (typ.)
 Raised lettering (typ.)



S2
 POST MOUNTED DIRECTIONAL SIGN
 (S2-1 SHOWN,
 SEE BELOW FOR DIFFERENT ARROW CONFIGURATION)



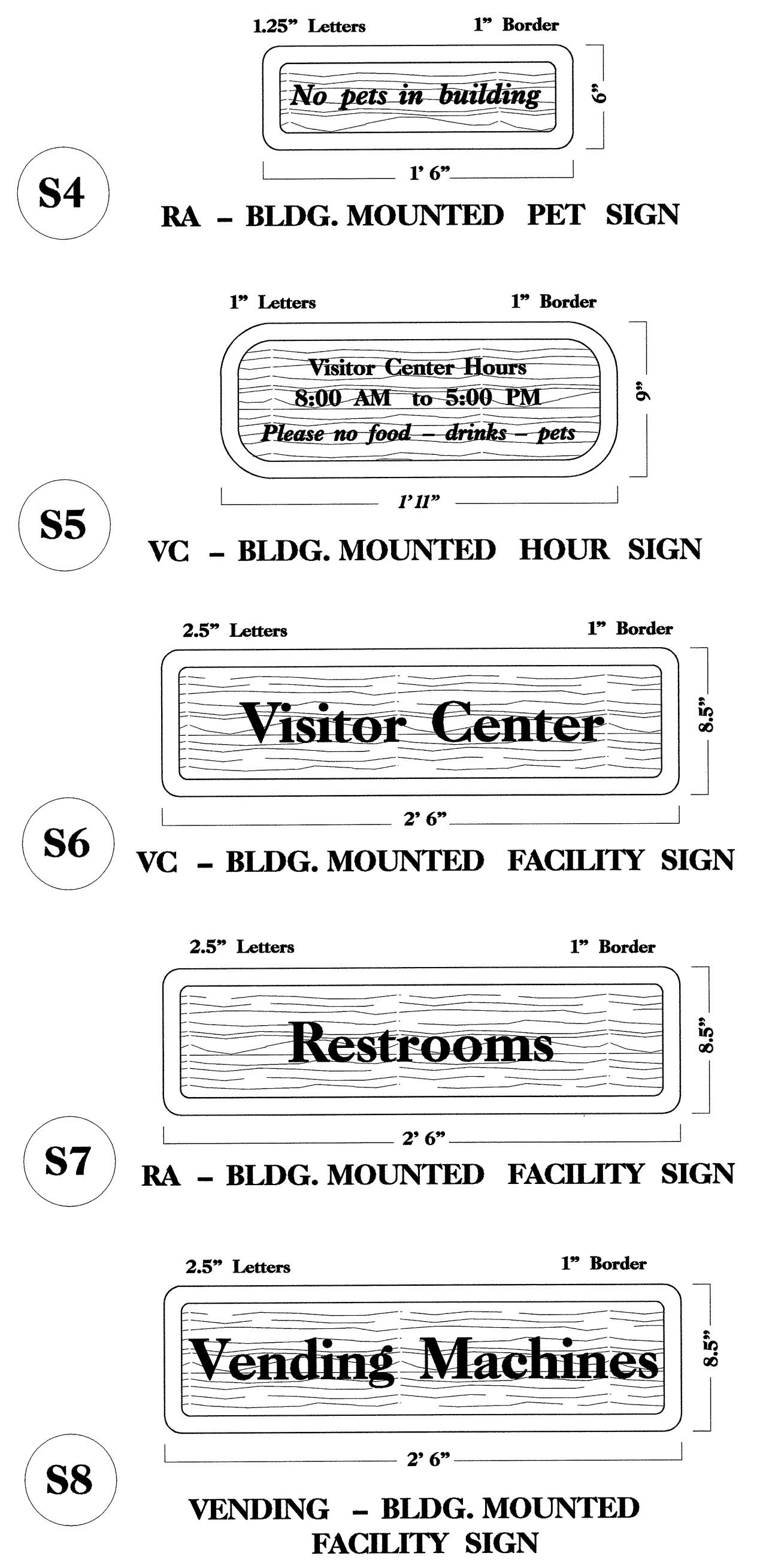
S3
 POST MOUNTED DIRECTIONAL SIGN
 (S3-1 SHOWN,
 SEE BELOW FOR DIFFERENT ARROW CONFIGURATION)



	DESCRIPTION	QUAN.
S1	ENTRANCE SIGN (See Notes for Location)	1
S2-1	DIRECTIONAL SIGN	1
S2-2	DIRECTIONAL SIGN	1
S2-3	DIRECTIONAL SIGN	1
S2-4	DIRECTIONAL SIGN	1
S2-6	DIRECTIONAL SIGN	1
S2-7	DIRECTIONAL SIGN	1
S3-1	DIRECTIONAL SIGN	3
S3-2	DIRECTIONAL SIGN	2
S3-3	DIRECTIONAL SIGN	2
S3-4	DIRECTIONAL SIGN	1
S3-5	DIRECTIONAL SIGN	1
S4	PET SIGN	3
S5	VC HOUR SIGN	1
S6	VC FACILITY SIGN	1
S7	RA FACILITY SIGN	2
S8	VENDING FACILITY SIGN	2

NOTES:

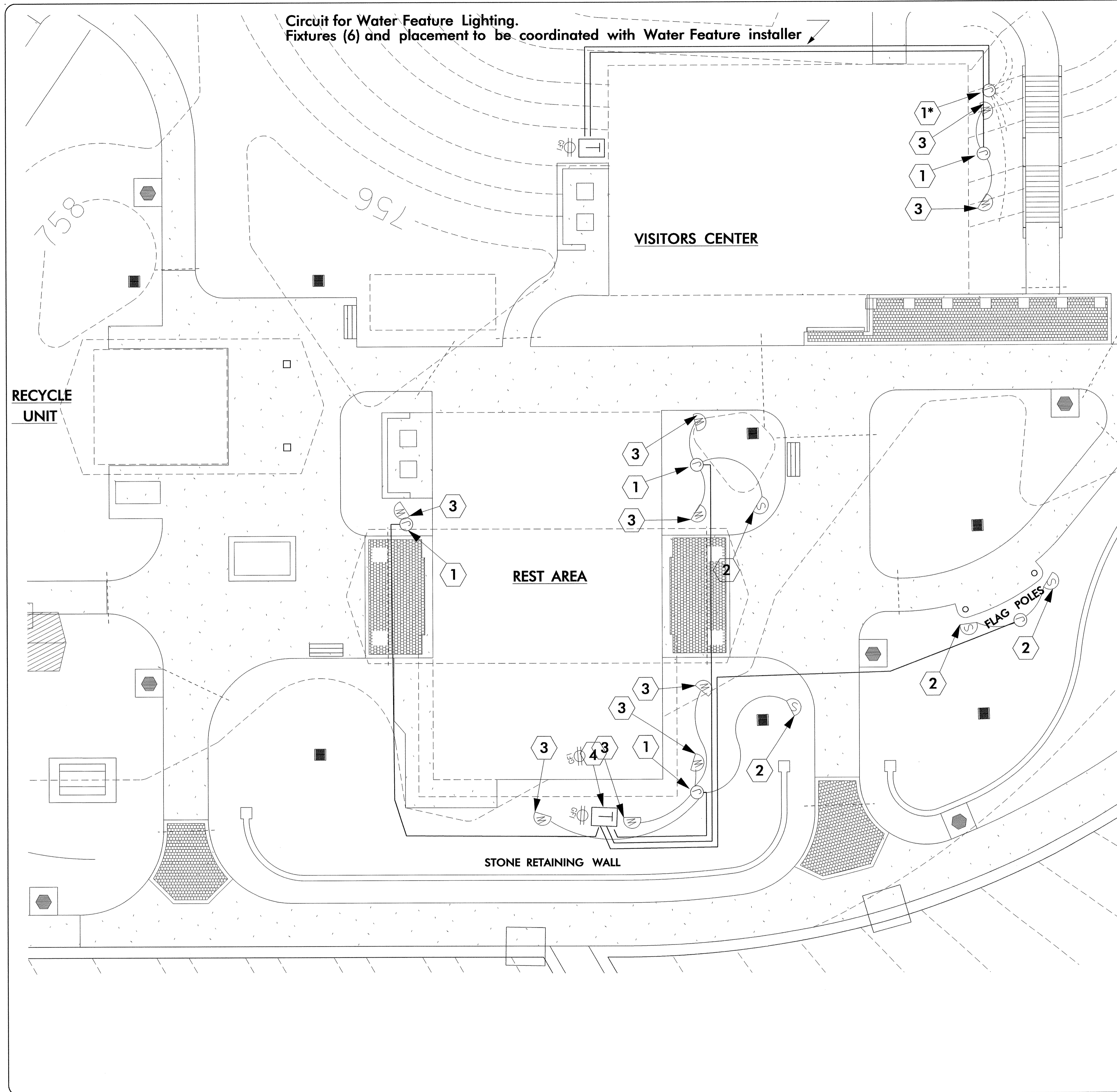
- 1) EXACT LOCATION OF SITE AND BUILDING MOUNTED SIGNS TO BE CONFIRMED BY ENGINEER.
- 2) ALL SIGNS TO BE ATTACHED BY COUNTERSINKING GALVANIZED HEX HEAD BOLT/SCREW IN PREDRILLED MOUNTING HOLES BY MANUFACTURER. MATCHING PLUGS TO BE PROVIDED BY MANUFACTURER AND GLUED IN PLACE ONCE SIGN IS MOUNTED.
- 3) ALL SIGN POSTS AND BACKS WILL BE TREATED WITH A WATER BASED SOLID WOOD STAIN SUCH AS (OR COMPARABLE TO) SHERWIN-WILLIAMS 'JAVA' WOODSCAPES STAIN. APPLY TWO COATS PER MANUFACTURER INSTRUCTIONS.
- 4) SBL ENTRANCE SIGN (S-1) TO BE LOCATED AT STA. -14- 10+00 ON LEFT SIDE OF ROAD. CONFIRM LOCATION WITH ENGINEER.
- 5) SEE SIGN DETAIL SHEET FOR MOUNTING INSTRUCTIONS.



North Carolina Department of Transportation
 Roadside Environmental Unit
 Landscape Design & Development Section

PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-73/74 (US 220)**

Plans Drawn By:
DLW/DL
 Scale:
AS NOTED
 Date:
11 / 06 / 07
 Sheet Description:
**SIGN
 LOCATIONS
 & DETAILS**
 T.I.P. #
K - 3807
 Sheet #
LS-001



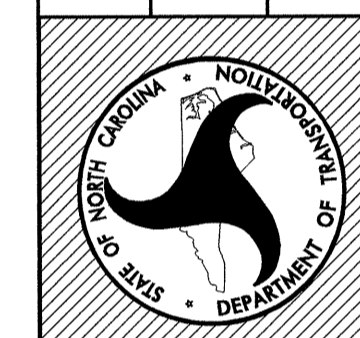
GENERAL NOTES:

1. ALL WIRE RUNS SHALL BE A MIN. 8" DEEP AND WITHIN TWO FEET OF BLDG. FOUNDATION (UNLESS OTHERWISE NOTED)
2. ALL WIRE UNIONS AT JUNCTION BOX/SPIDER SPLICE SHALL BE JOINED WITH A TEFLON WATERPROOF WIRE NUT.
3. SPECIFIC LOCATIONS OF 3" PVC SLEEVES CAN BE FOUND ON THE LANDSCAPE SITE PLAN (LS-001).
4. WIRE RUN # SHALL BE LABELED WITHIN THE TRANSFORMER BOX. WIRE RUN # AND SPECIFIC FIXTURE # SHALL BE LABELED WITHIN/ON THE JUNCTION BOXES.
5. EACH LIGHT FIXTURE SHALL COME PRE-WIRED WITH 25' OF #16-2 TIN COATED MARINE GRADE WIRE.

LEGEND NOTES:

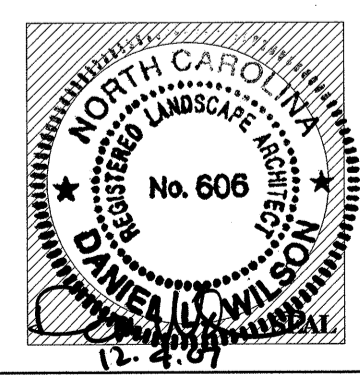
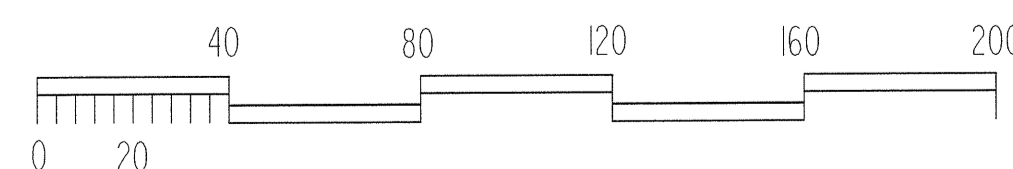
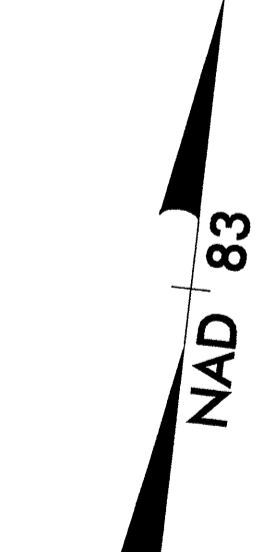
- 1 JUNCTION BOX/SPIDER SPLICE: BELOW GRADE PVC BOX; LOCATED OUT OF WAY OF MAINT. ACTIVITIES OR OTHER SITE EQUIPMENT TO AVOID DAMAGE.
- 2 12V SPOT /BULLET LANDSCAPE LIGHT- PRECAST BRONZE BODY WITH SOLID CAST STAKE; MR-16 LAMP AND CONVEX PYREX LENS.
- 3 12V WALL WASH LANDSCAPE LIGHT- PRECAST BRONZE BODY WITH SOLID CAST STAKE; 25 WATT HALOGEN LAMP AND CONVEX PYREX LENS.
- 4 600 W MULTI TAP TRANSFORMER; STAINLESS STEEL BLACK POWDER COATED; SECURELY MOUNTED ON BLDG OR/AS INSTRUCTED BY ENGINEER.
- 5 TIN COATED MARINE GRADE HOMERUN FIELD WIRES #12-2 OR #10-2

North Carolina Department of Transportation
 Roadside Environmental Unit
 Landscape Design & Development Section



PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-73/74 (US 220)**

Plans Drawn By:
DLW/DL
 Scale
 Date
11 / 06 / 07
 Sheet Description
**SBL
 LANDSCAPE
 LIGHTING**
 T.I.P. #
K - 3807
 Sheet #
LL-001



Contract : Randolph County - I- 7374 (US 220) Visitor Center & Rest Area

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

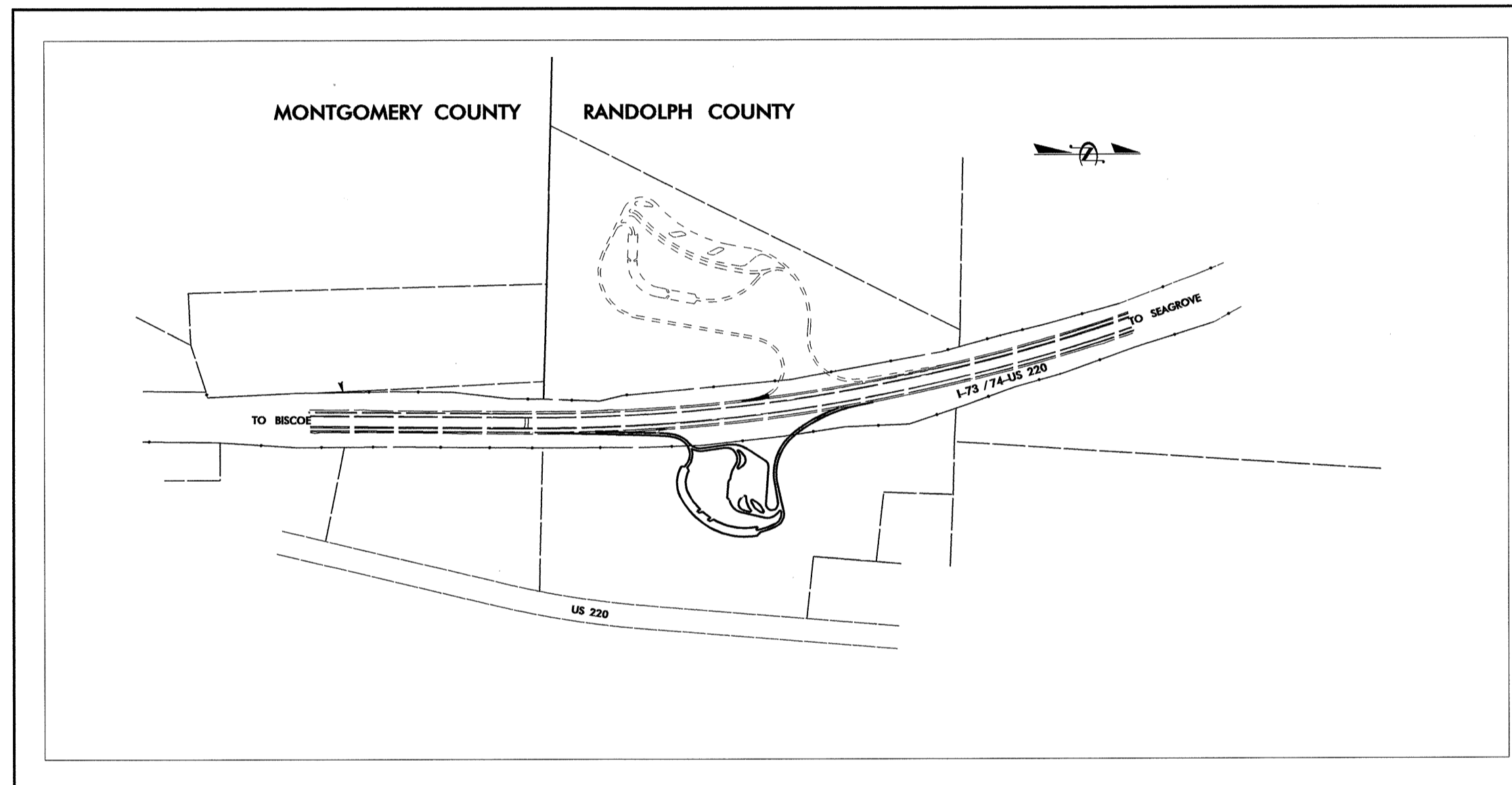
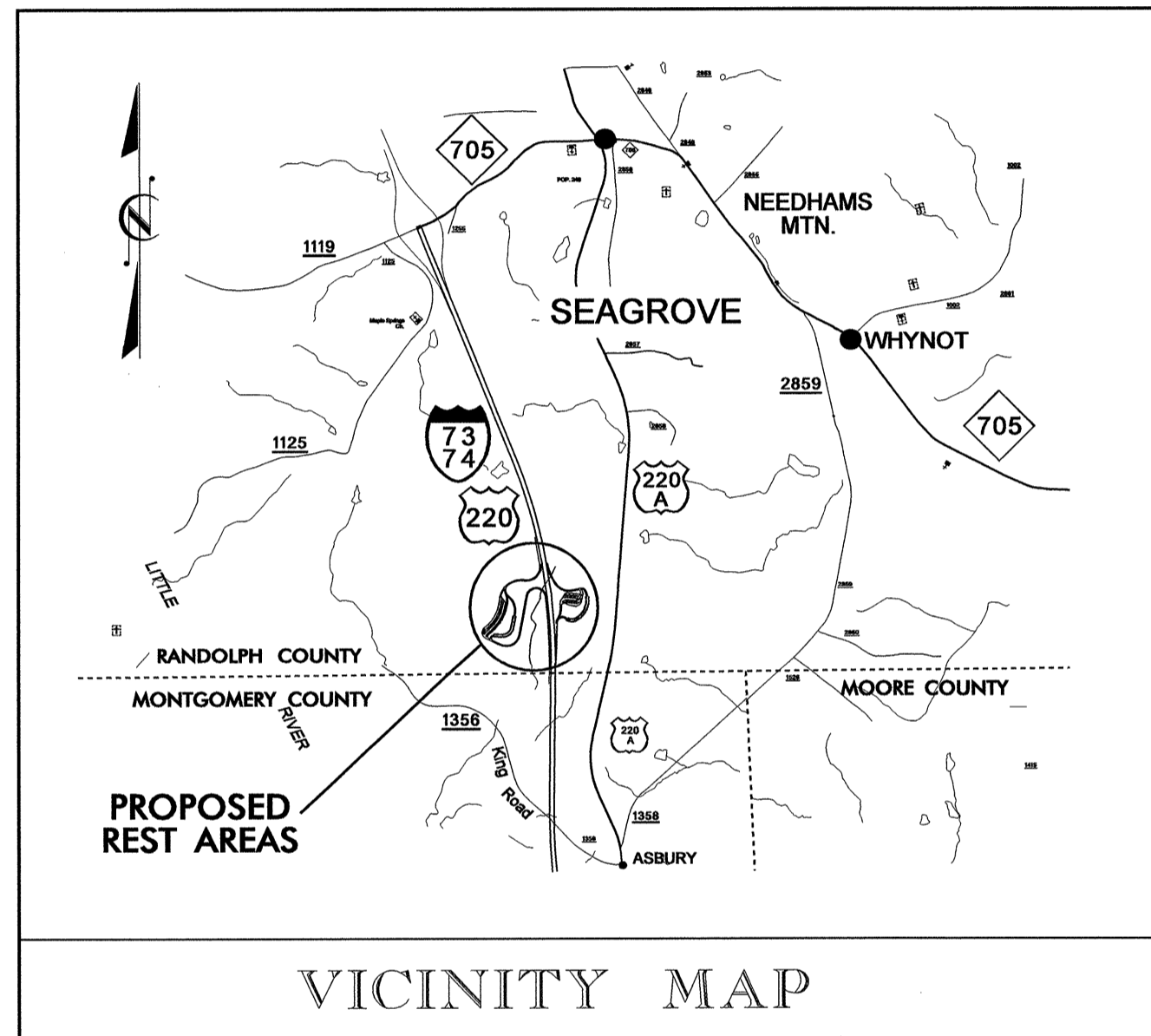
RANDOLPH COUNTY

NORTH BOUND LANE

Location: I-73/74 South of Seagrove, NC and North of Montgomery Co. line

Type of Work: New Building and Site Work

STATE NC	T.I.P. # K-3807	SHEET # 1 of 1
WBS # 3733L1.1	F.A. Project #	Description P.E.
3733L3.1		R/W CONST.



INDEX OF SHEETS

SITE DEVELOPMENT NORTHBOUND LANE

- L-001 NBL TITLE SHEET
- L-002 NBL SITE PLAN
- LH-001 NBL HARDSCAPE PLAN
- LS-001 NBL SIGN LOCATIONS AND DETAILS
- LI-001 NBL IRRIGATION PLAN
- LW-001 NBL WATER FEATURE
- LW-002 NBL WATER FEATURE DETAILS
- LP-001 NBL LANDSCAPE PLAN
- LP-002 NBL PLANT LIST SCHEULE
- LP-003 NBL REFORESTATION PLAN
- LL-001 NBL LANDSCAPE LIGHTING PLAN

SBL & NBL COMMON DETAIL SHEETS

- LD-001 IRRIGATION DETAILS
- LD-002 LANDSCAPE LIGHTING DETAILS
- LD-003 STORAGE BLDG PLANDetail
- LD-004 OMITTED
- LD-005 SIGN DETAILS
- LD-006 SIGN DETAILS
- LD-007 STAND ALONE PICNIC TABLE
- LD-008 PARK STOVE
- LD-009 WASTE CONTAINER
- LD-010 PICNIC SHELTER W/TABLE
- LD-011 YARD HYDRANT AND FLAG POLE
- LD-012 SPLIT RAIL FENCE & BENCH WITH STONE BASE
- LD-013 CONTROL JOINT AND METAL EDGING
- LD-014 PLANTING DETAIL SHEET
- LD-015 CONCRETE STEPS
- LD-016 6' FENCE & NBL UTILITY AREA
- LD-017 REFORESTATION DETAIL

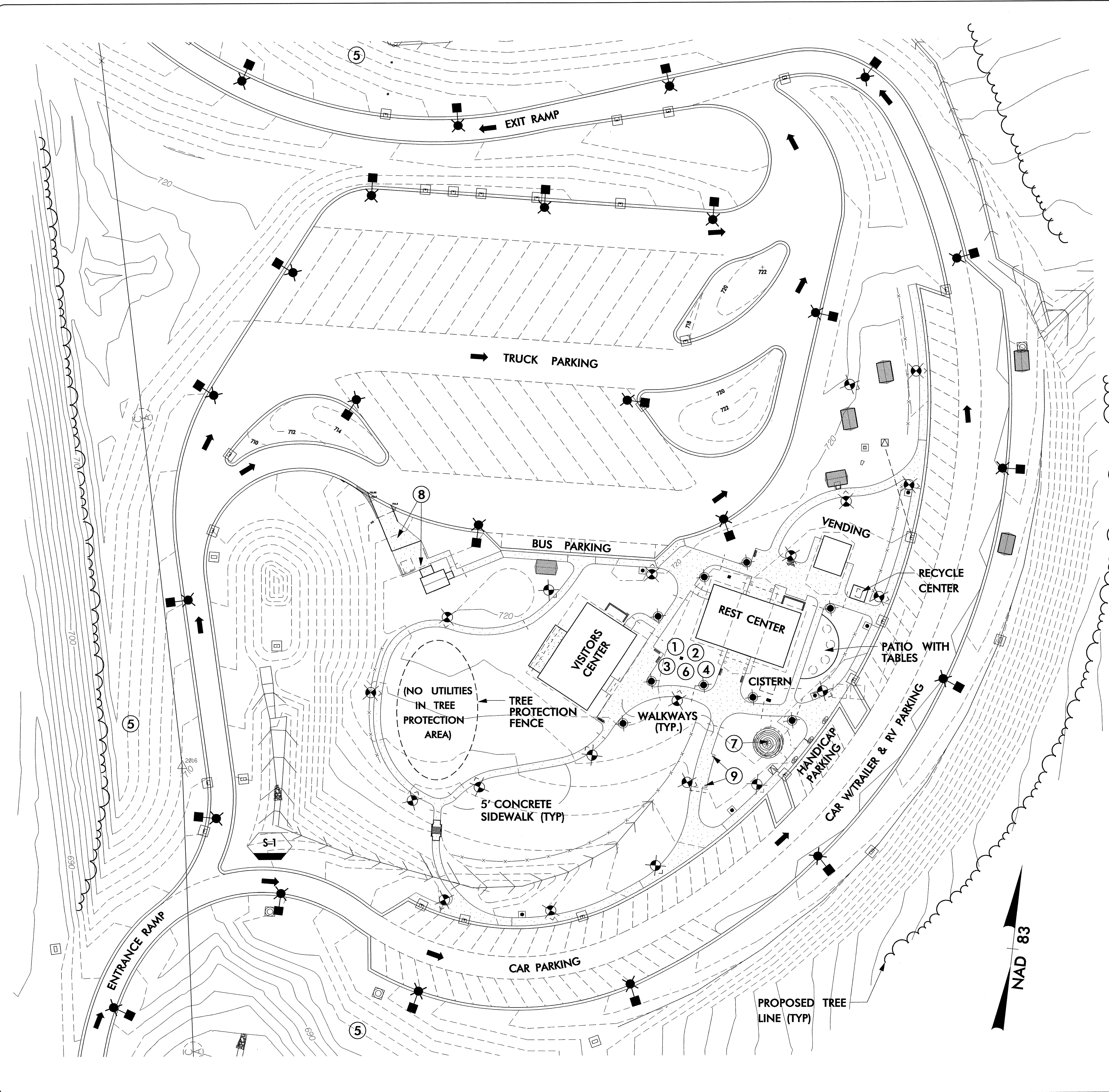
UR-001 UTILITY REFERENCE SHEET

North Carolina Department of Transportation
Division of Highways
1 South Wilmington Street Raleigh, North Carolina



Randolph Co. Visitor Center & Rest Area I-73/74 (US 220)

Site /Landscape Design LANDSCAPE DESIGN & DEVELOPMENT	Site /Utility Design REST AREA SECTION	Architectural/Engineering					
Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	Roadside Environmental Unit 1557 Mail Service Center Raleigh, North Carolina 27699-1557 Office (919) 733-2920 Fax (919) 733-9810	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;"> Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725 </td> <td style="width: 50%; border-bottom: 1px solid black;"> Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122 </td> </tr> <tr> <td style="border-bottom: 1px solid black;"> Mechanical/Elec./Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333 </td> <td> Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645 </td> </tr> </table>	Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725	Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122	Mechanical/Elec./Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333	Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645	Plans Drawn By: KOPETSKYLOHMANN Scale n/a Date 11 / 06 / 07 Letting Date 2006 Standard Specifications Sheet Description NBL TITLE SHEET Sheet # L - 001
Architect: Gensler Architect 214 N. Tryon Street, Suite 2320 Charlotte, NC 28202 704.377.2725	Structural/Civil: Bulla Smith 1347 Harding Place, Suite 201 Charlotte, NC 28204 704.333.3122						
Mechanical/Elec./Plumb.: Barrett Woodyard & Associates 2801 Yorkmont Road, Suite 270 Charlotte, NC 28208 704.357.9333	Landscape Architectural Consultant: Little & Little P.O. Box 1448 Raleigh, NC 27602 919.821.5645						

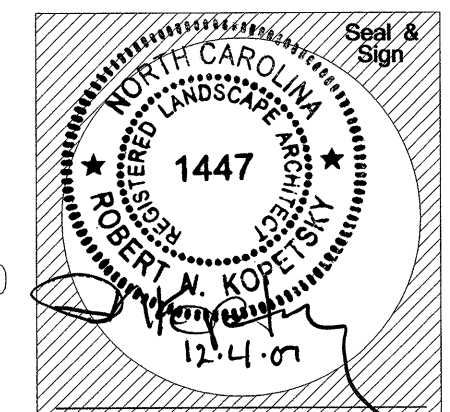
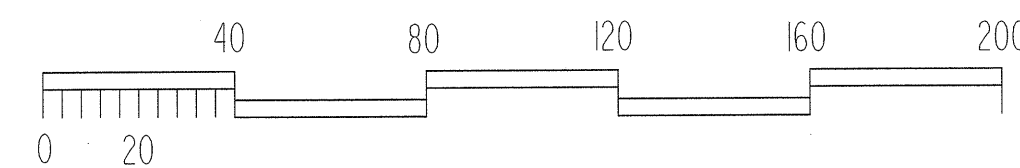


CONSTRUCTION NOTES:

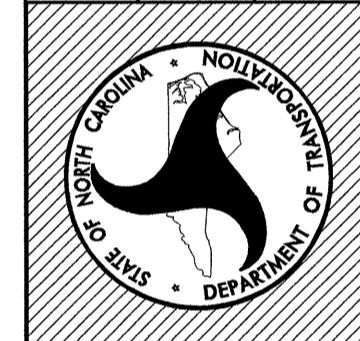
- 1) COBBLESTONE PACEMENT, CONCRETE/TOOLED WALKWAYS - SEE SHEETS LH-001, LD-013.
- 2) SIGN LOCATIONS AND DETAILS - SEE SHEETS LS-001, LD-005, LD-006.
- 3) IRRIGATION REQUIREMENTS - SEE SHEETS LI-001, LD-001, LD-005
- 4) LANDSCAPE LIGHTING REQUIREMENTS - SEE SHEETS LL-001, LD-002.
- 5) REFORESTATION REQUIREMENTS - SEE SHEETS LP-003, LD-017.
- 6) LANDSCAPING REQUIREMENTS - SEE SHEETS LP-001, LP-002, LD-013, LD-014
- 7) WATER FEATURE REQUIREMENTS - SEE SHEETS LW-001, LW-002
- 8) STORAGE BUILDING AND DUMPSTER AREA REQUIREMENTS - SEE SHEETS LH-001, LD-003, LD-016
- 9) 2-FLAG POLES REQUIRED - SEE SHEET LD-011

LEGEND NOTES:

- # CONSTRUCTION NOTE IDENTIFICATION
- PICNIC SHELTER & TABLE (HANDICAP) - SEE SHEET LD-010
- PICNIC SHELTER & TABLE - SEE SHEET LD-010
- BENCH SEAT - SEE SHEET LD-012
- PARK STOVE - SEE SHEET LD-008
- WASTE CONTAINER ON PAD - LD-009
- DEPRESSED CURB
- ENTRANCE SIGN LOCATION - SEE SHEETS LS-001, LD-005, LD-006
- 2-SPLIT RAIL FENCE - SEE SHEET LD-012
- ROADWAY LIGHT
- POST TOP LIGHT
- BOLLARD
- SIDEWALK
- YARD HYDRANT - SEE SHEET LD-011
- PROPOSED CONTOURS
- EXISTING CONTOURS

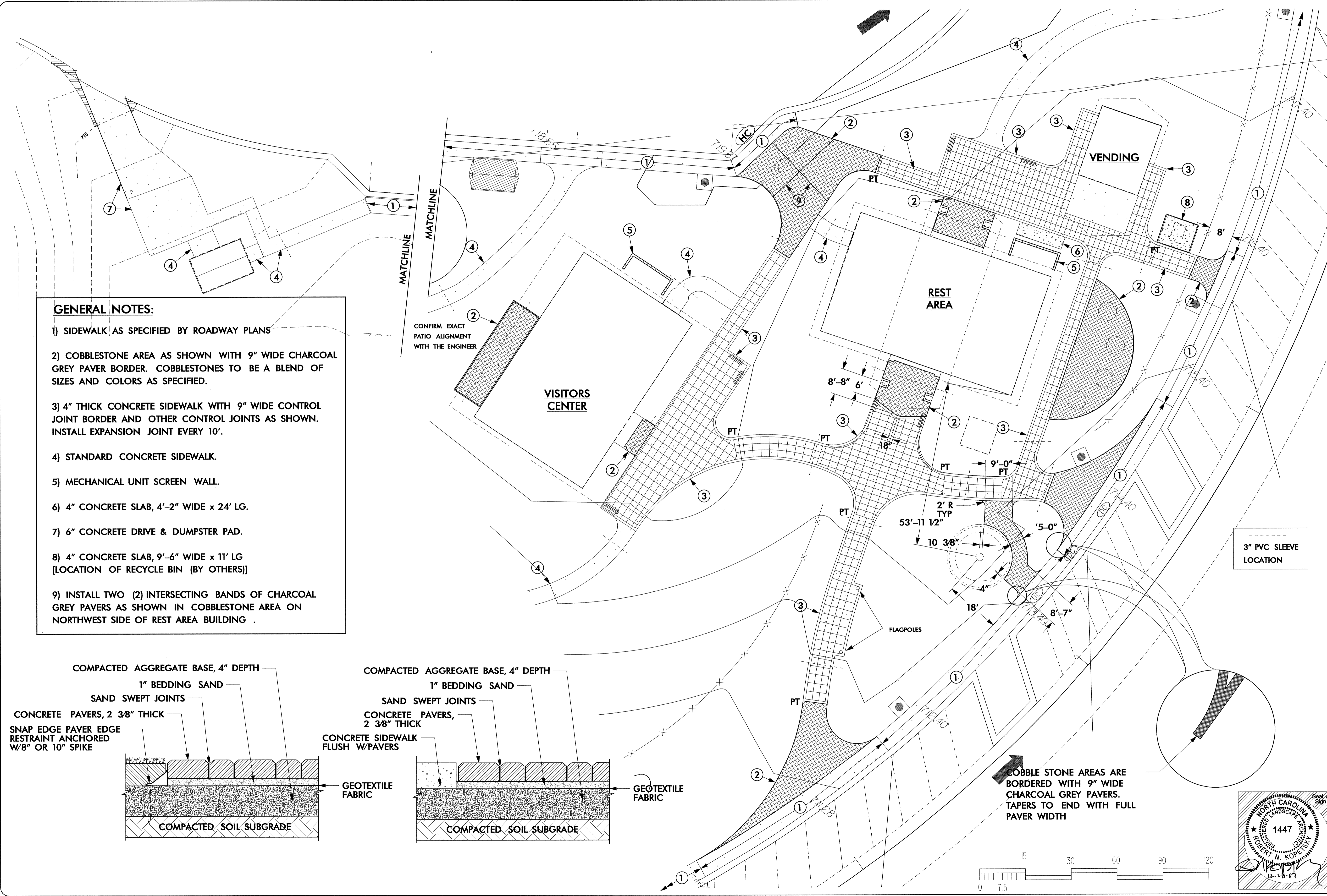


North Carolina Department of Transportation Roadside Environmental Unit Landscape Design & Development Section
PROJECT TITLE: Randolph Co. Visitor Center & Rest Area I-7374 (US 220)
Plans Drawn By: KOPETSKYZLOHMANN
Scale Date
Sheet Description NBL SITE PLAN T.I.P. # K - 3807 Sheet # L-002

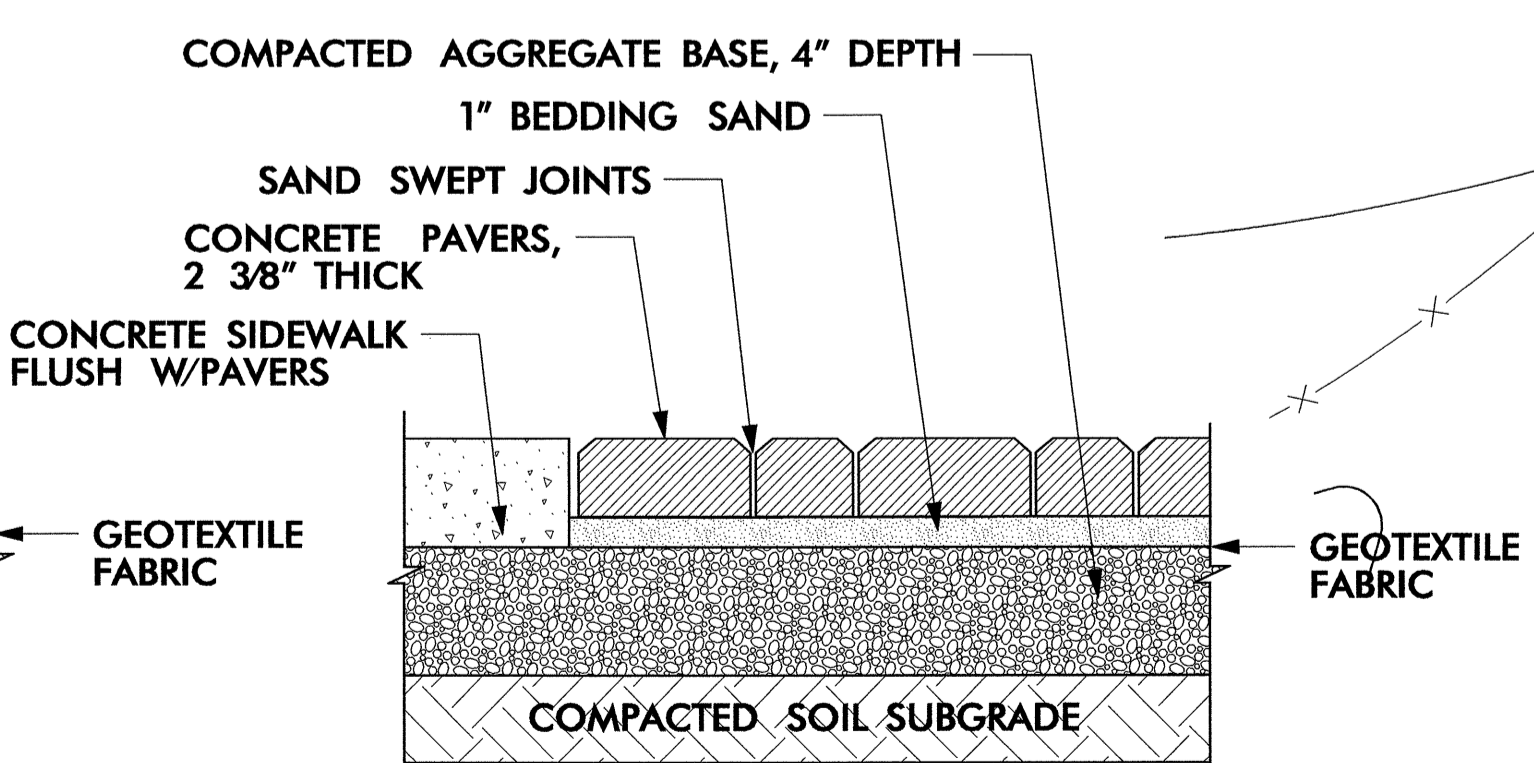
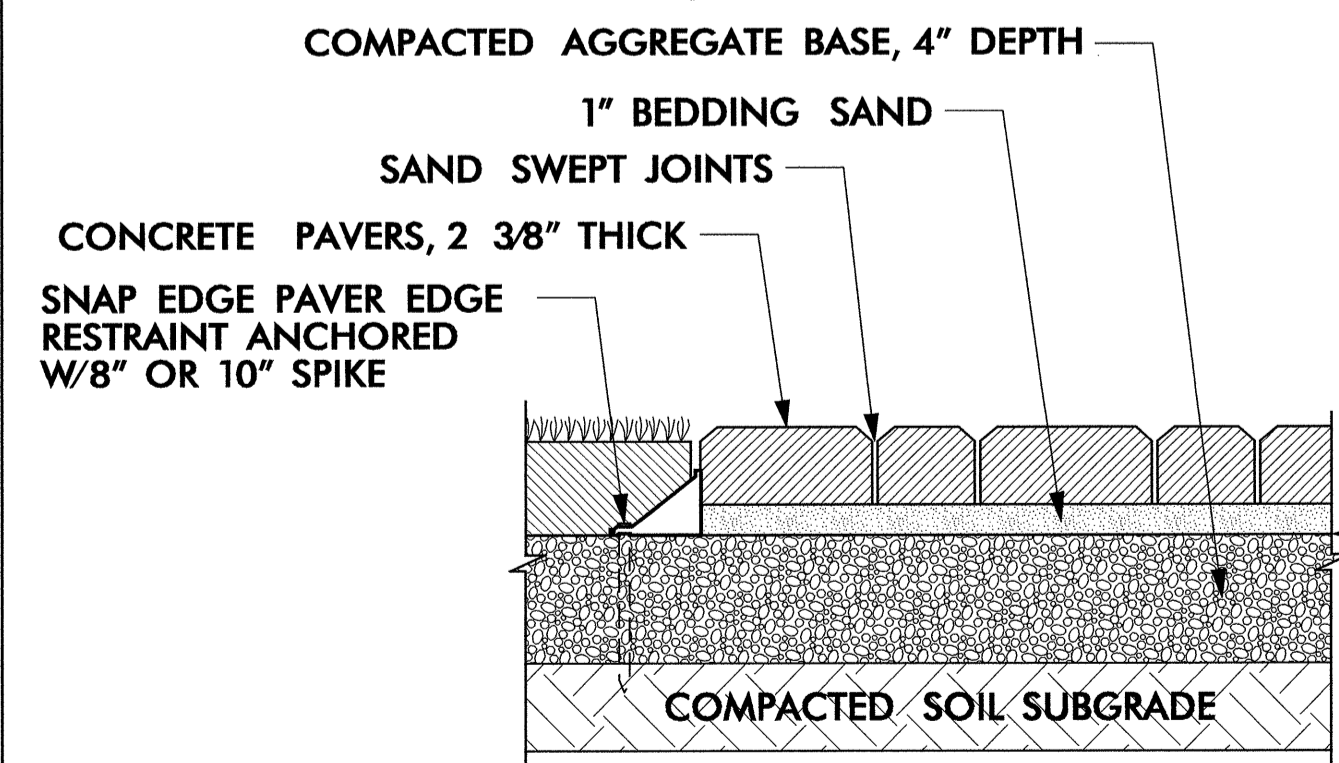


PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-7374 (US 220)**

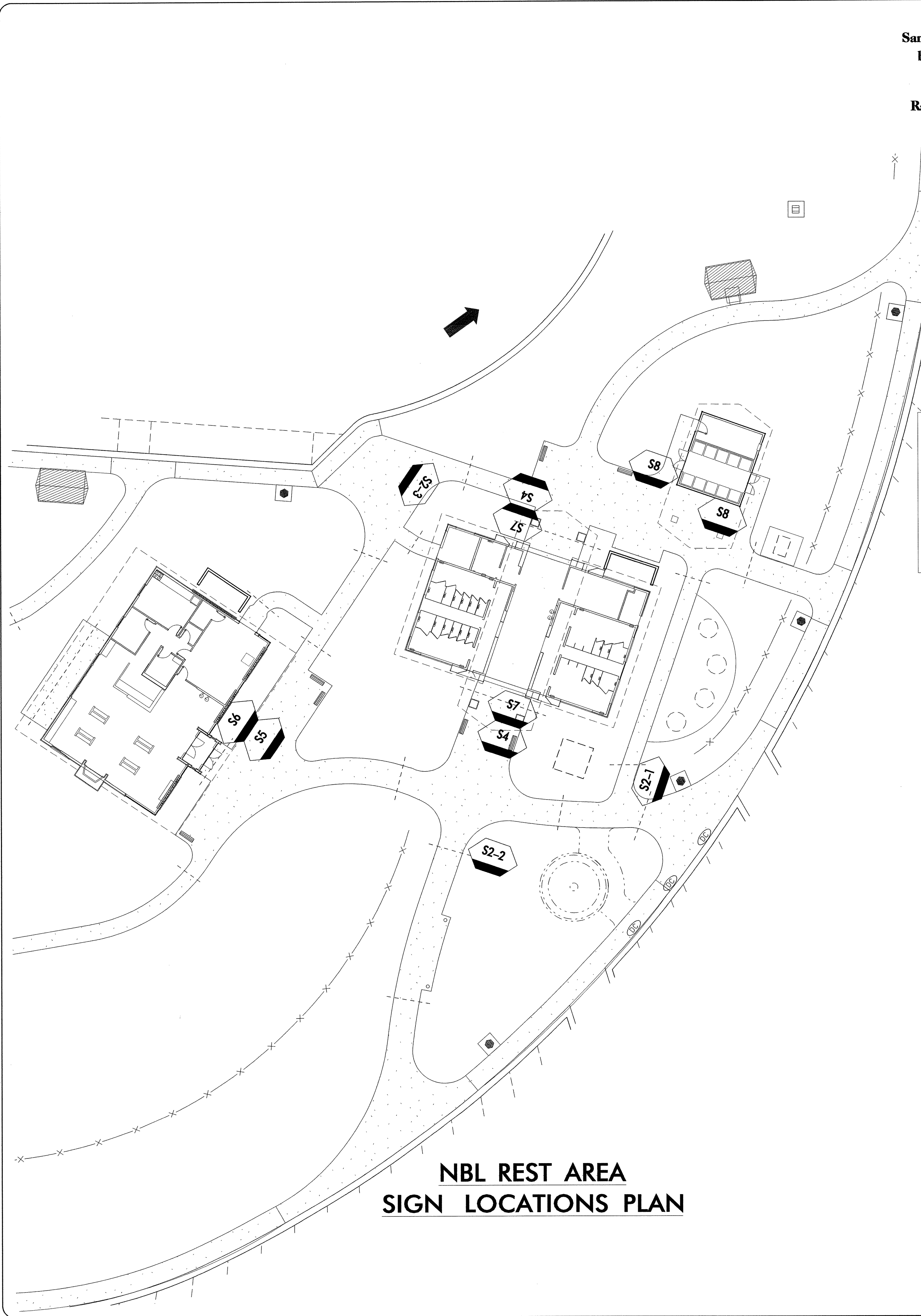
Plans Drawn By:	KOPETSKY/LOHMANN
Scale:	
Date:	
Sheet Description:	NBL HARDSCAPE PLAN
T.I.P. #:	K - 3807
Sheet #:	LH-001



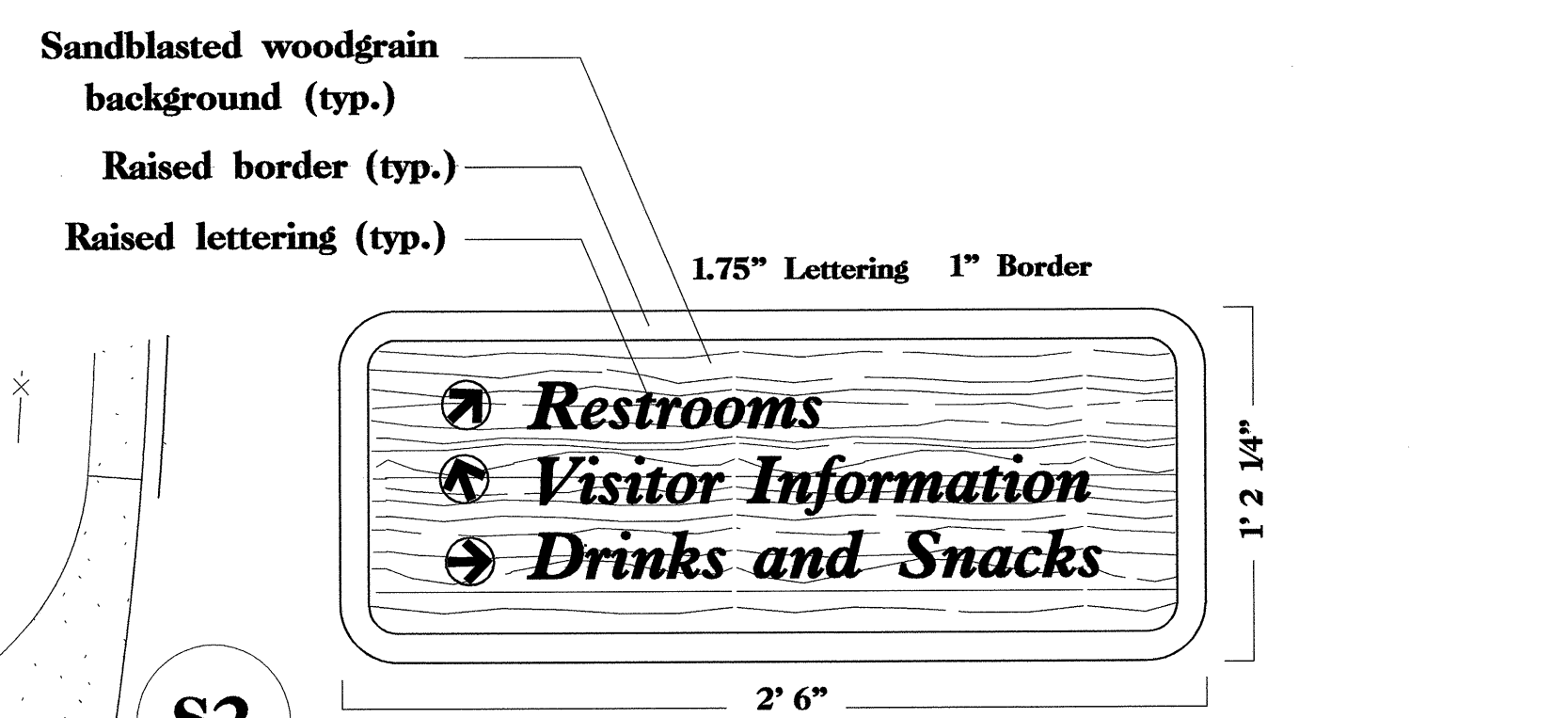
- GENERAL NOTES:**
- 1) SIDEWALK AS SPECIFIED BY ROADWAY PLANS
 - 2) COBBLESTONE AREA AS SHOWN WITH 9" WIDE CHARCOAL GREY PAVER BORDER. COBBLESTONES TO BE A BLEND OF SIZES AND COLORS AS SPECIFIED.
 - 3) 4" THICK CONCRETE SIDEWALK WITH 9" WIDE CONTROL JOINT BORDER AND OTHER CONTROL JOINTS AS SHOWN. INSTALL EXPANSION JOINT EVERY 10'.
 - 4) STANDARD CONCRETE SIDEWALK.
 - 5) MECHANICAL UNIT SCREEN WALL.
 - 6) 4" CONCRETE SLAB, 4'-2" WIDE x 24' LG.
 - 7) 6" CONCRETE DRIVE & DUMPSTER PAD.
 - 8) 4" CONCRETE SLAB, 9'-6" WIDE x 11' LG [LOCATION OF RECYCLE BIN (BY OTHERS)]
 - 9) INSTALL TWO (2) INTERSECTING BANDS OF CHARCOAL GREY PAVERS AS SHOWN IN COBBLESTONE AREA ON NORTHWEST SIDE OF REST AREA BUILDING .



COBBLE STONE AREAS ARE BORDERED WITH 9" WIDE CHARCOAL GREY PAVERS. TAPERS TO END WITH FULL PAVER WIDTH



**NBL REST AREA
SIGN LOCATIONS PLAN**

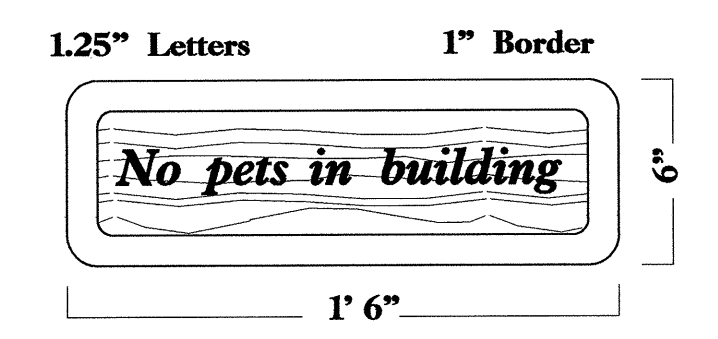


S2
POST MOUNTED DIRECTIONAL SIGN
(S2-1 SHOWN ABOVE; S2-2 & S2-3 HAVE
DIFFERENT ARROW CONFIGURATIONS - SEE BELOW)

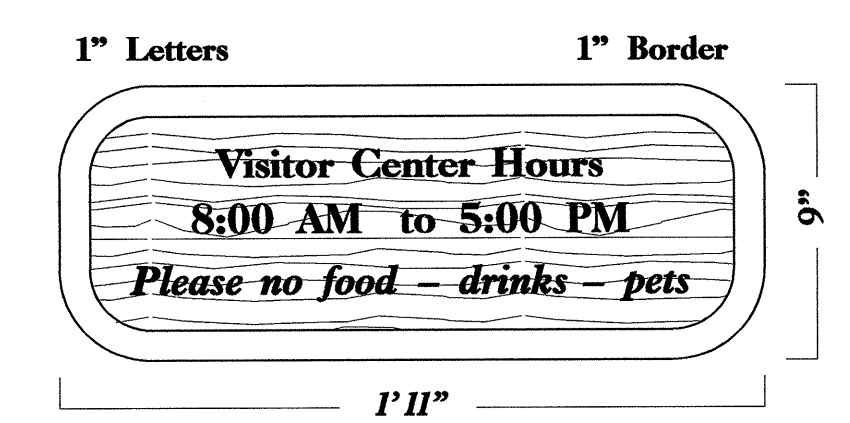


SIGN KEY	DESCRIPTION	QUAN.
S1	ENTRANCE SIGN (refer to sheet LD-006)	1
S2-1	DIRECTIONAL SIGN	1
S2-2	DIRECTIONAL SIGN	1
S2-3	DIRECTIONAL SIGN	1
S4	PET SIGN	2
S5	VC HOUR SIGN	1
S6	VC FACILITY SIGN	1
S7	RA FACILITY SIGN	2
S8	VENDING FACILITY SIGN	2

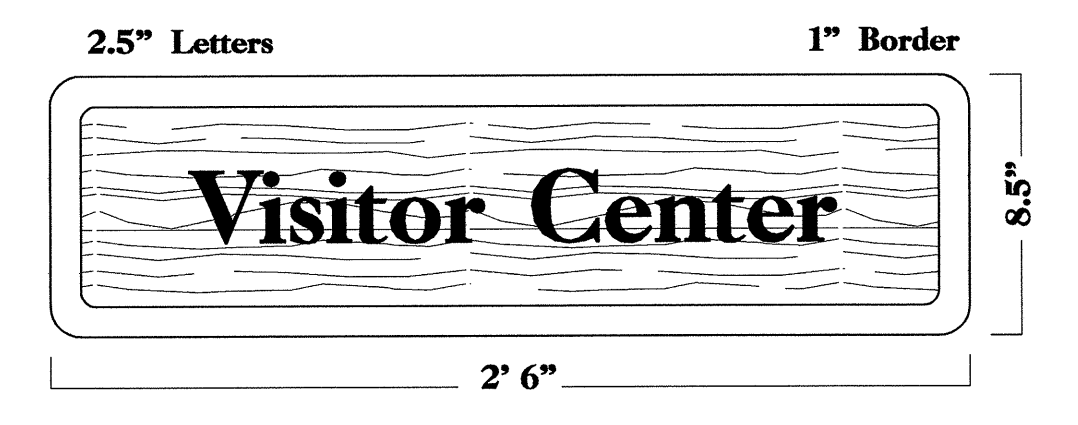
- NOTES:**
- EXACT LOCATION OF SITE AND BUILDING MOUNTED SIGNS TO BE CONFIRMED BY ENGINEER.
 - ALL SIGNS TO BE ATTACHED BY COUNTERSINKING GALVANIZED HEX HEAD BOLT/SCREW IN PREDRILLED MOUNTING HOLES BY MANUFACTURER. MATCHING PLUGS TO BE PROVIDED BY MANUFACTURER AND GLUED IN PLACE ONCE SIGN IS MOUNTED.
 - ALL SIGN POSTS AND BACKS WILL BE TREATED WITH A WATER BASED SOLID WOOD STAIN SUCH AS (OR COMPARABLE TO) SHERWIN-WILLIAMS 'JAVA' WOODSCAPES STAIN. APPLY TWO COATS PER MANUFACTURER INSTRUCTIONS.
 - CONFIRM ENTRANCE SIGN (S-1) LOCATION WITH ENGINEER.
 - SEE SIGN DETAIL SHEET FOR MOUNTING INSTRUCTIONS.



S4
RA - BLDG. MOUNTED PET SIGN



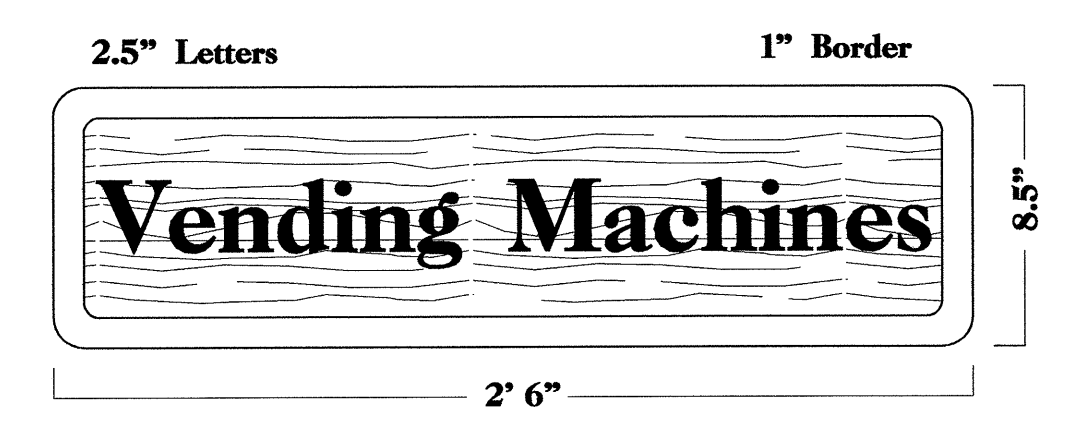
S5
VC - BLDG. MOUNTED HOUR SIGN



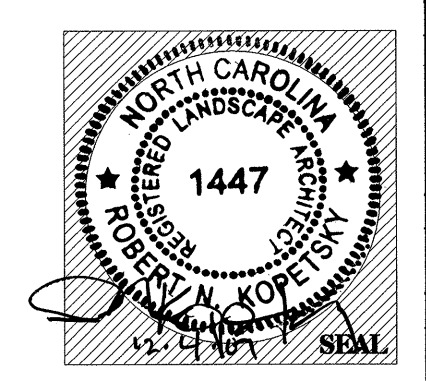
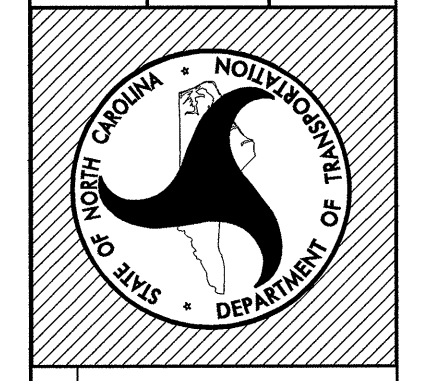
S6
VC - BLDG. MOUNTED FACILITY SIGN

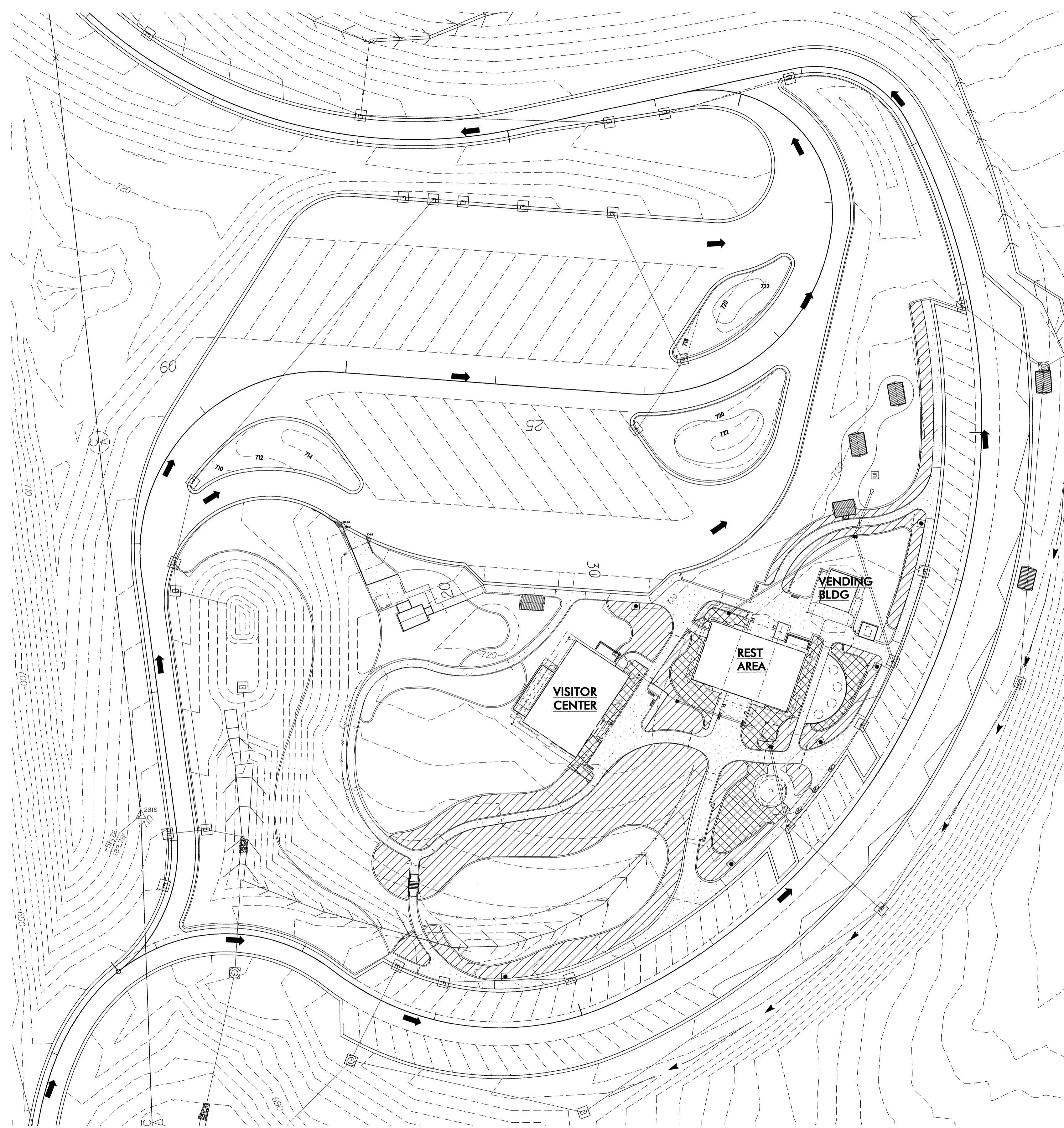


S7
RA - BLDG. MOUNTED FACILITY SIGN



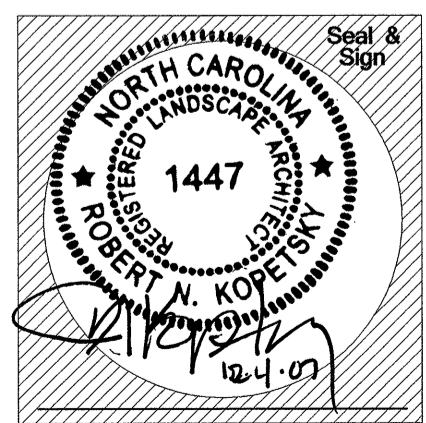
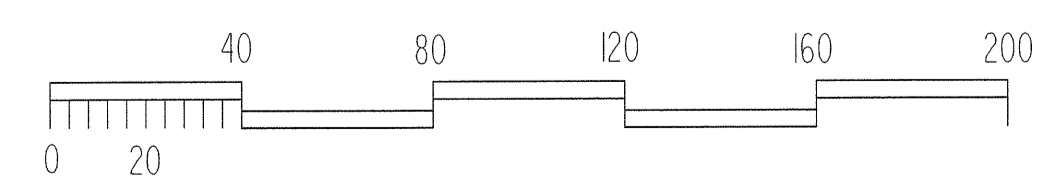
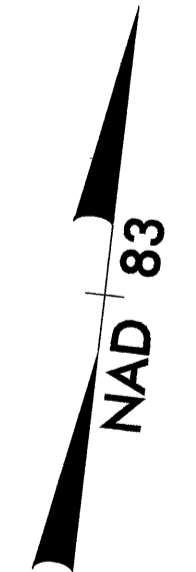
S8
VENDING - BLDG. MOUNTED FACILITY SIGN



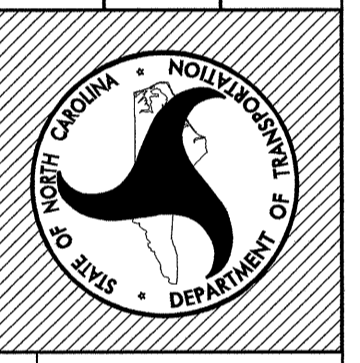


LEGEND NOTES:

- HANDICAP ACCESSIBLE PICNIC SHELTER
- PICNIC SHELTER
- HANDICAP ACCESSIBLE PICNIC TABLE
- PICNIC TABLE
- WASTE CONTAINER
- PARK STOVE
- BENCH
- YARD HYDRANT
- LARGE DECIDUOUS TREE
- MAGNOLIA
- PINE
- RED CEDAR
- NATCHEZ CRAPEMYRTLE
- SMALL FLOWERING TREE
- HOLLY
- HEDGES
- SOD
- BOULDER
- AREA TO BE IRRIGATED WITH AUTOMATIC SPRAY SYSTEM (APPROX. 18'x80' SF TURF)
- AREA TO BE IRRIGATED WITH AUTOMATIC DRIP SYSTEM (APPROX. 4280' SF SHRUB BEDS)
- SLEEVE LOCATIONS

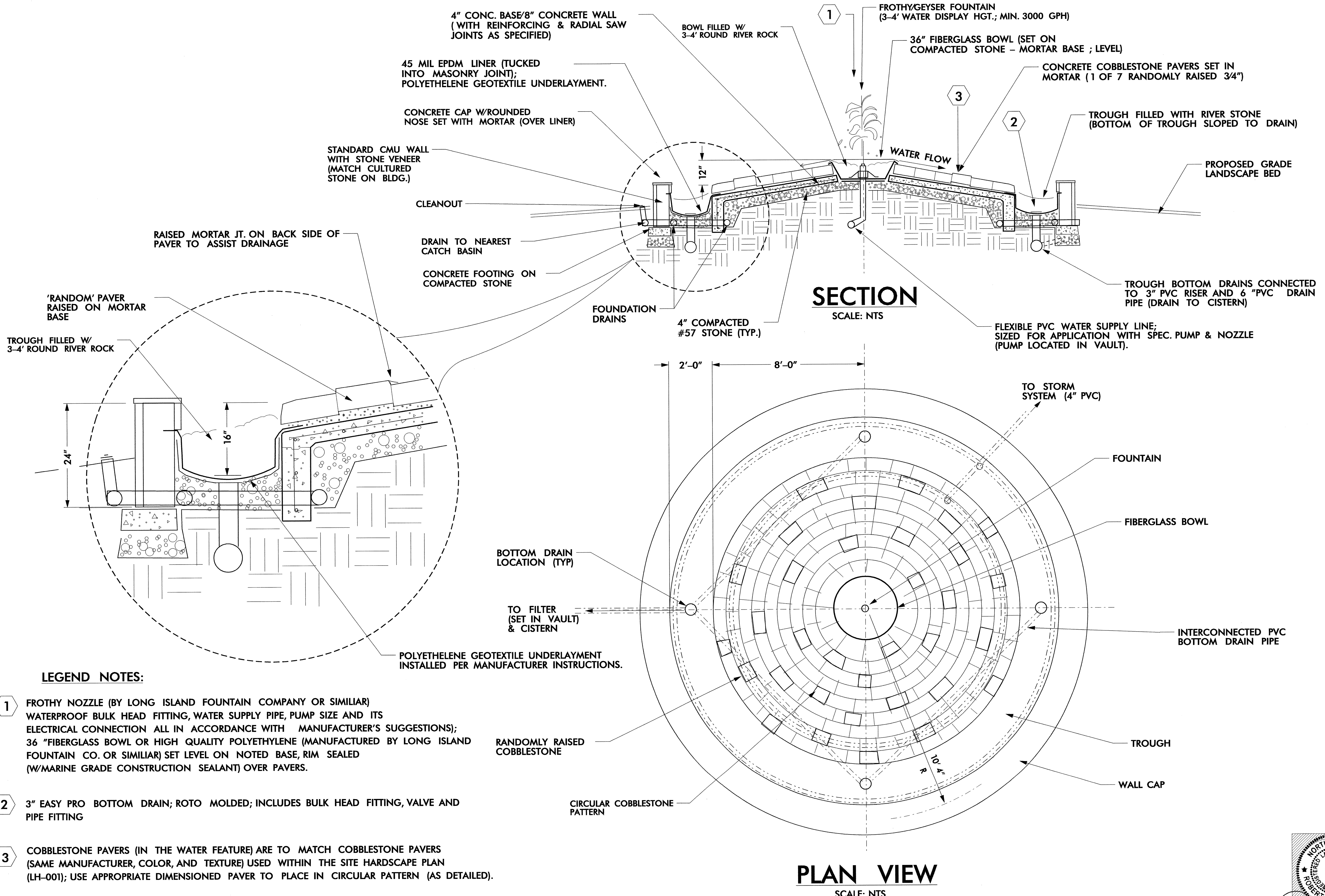


North Carolina Department of Transportation
 Roadside Environmental Unit
 Landscape Design & Development Section

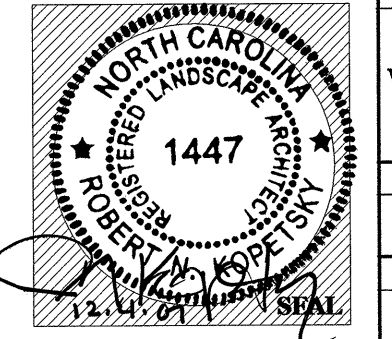


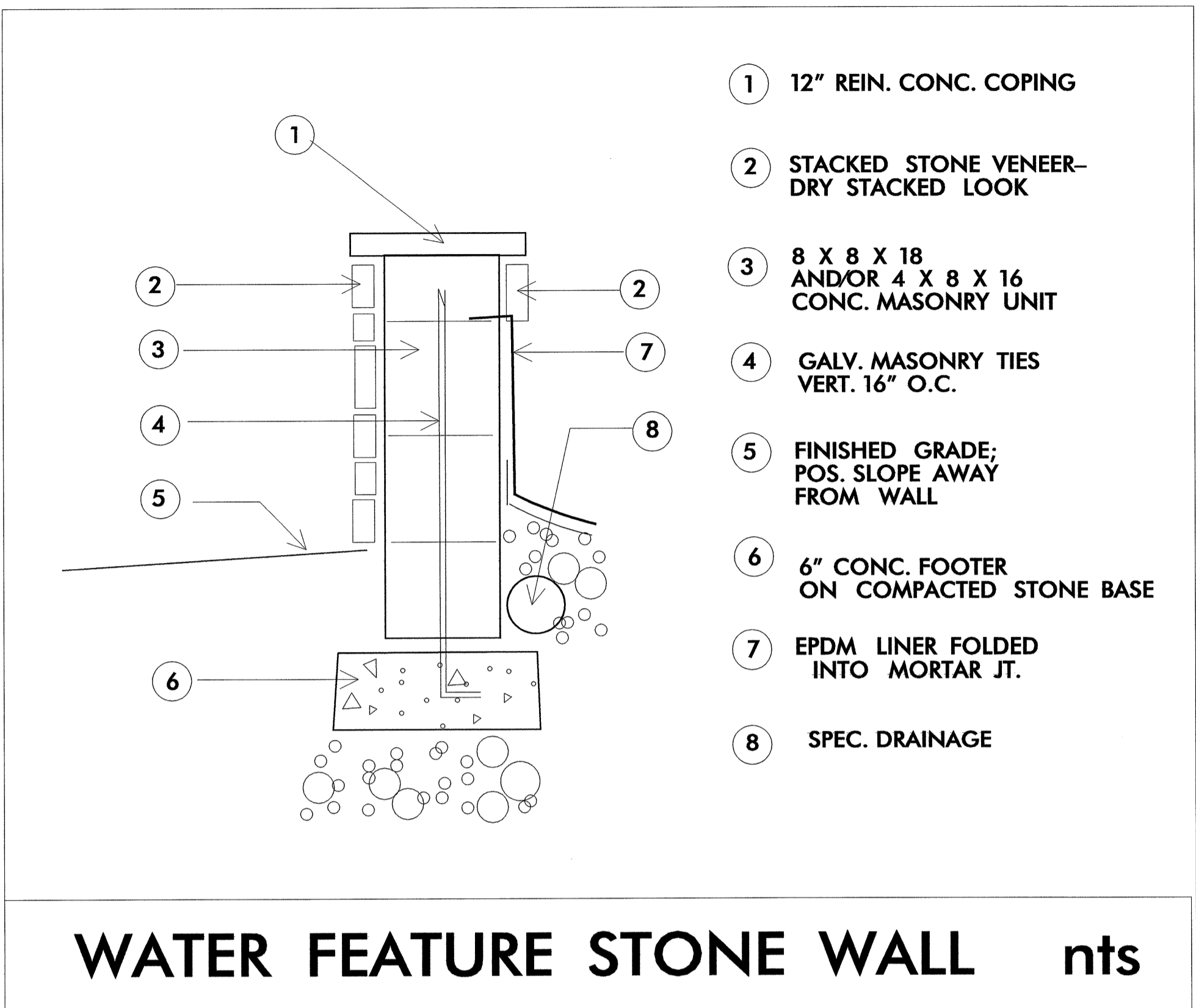
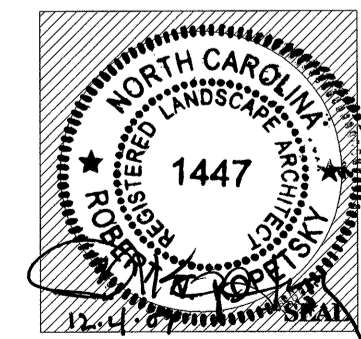
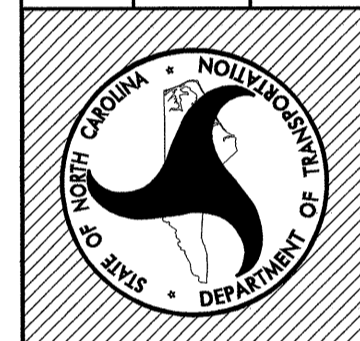
PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-7374 (US 220)**

Plans Drawn By:	WILSON
Scale	
Date	
Sheet Description	NBL IRRIGATION PLAN
T.I.P. #	K - 3807
Sheet #	LI-001

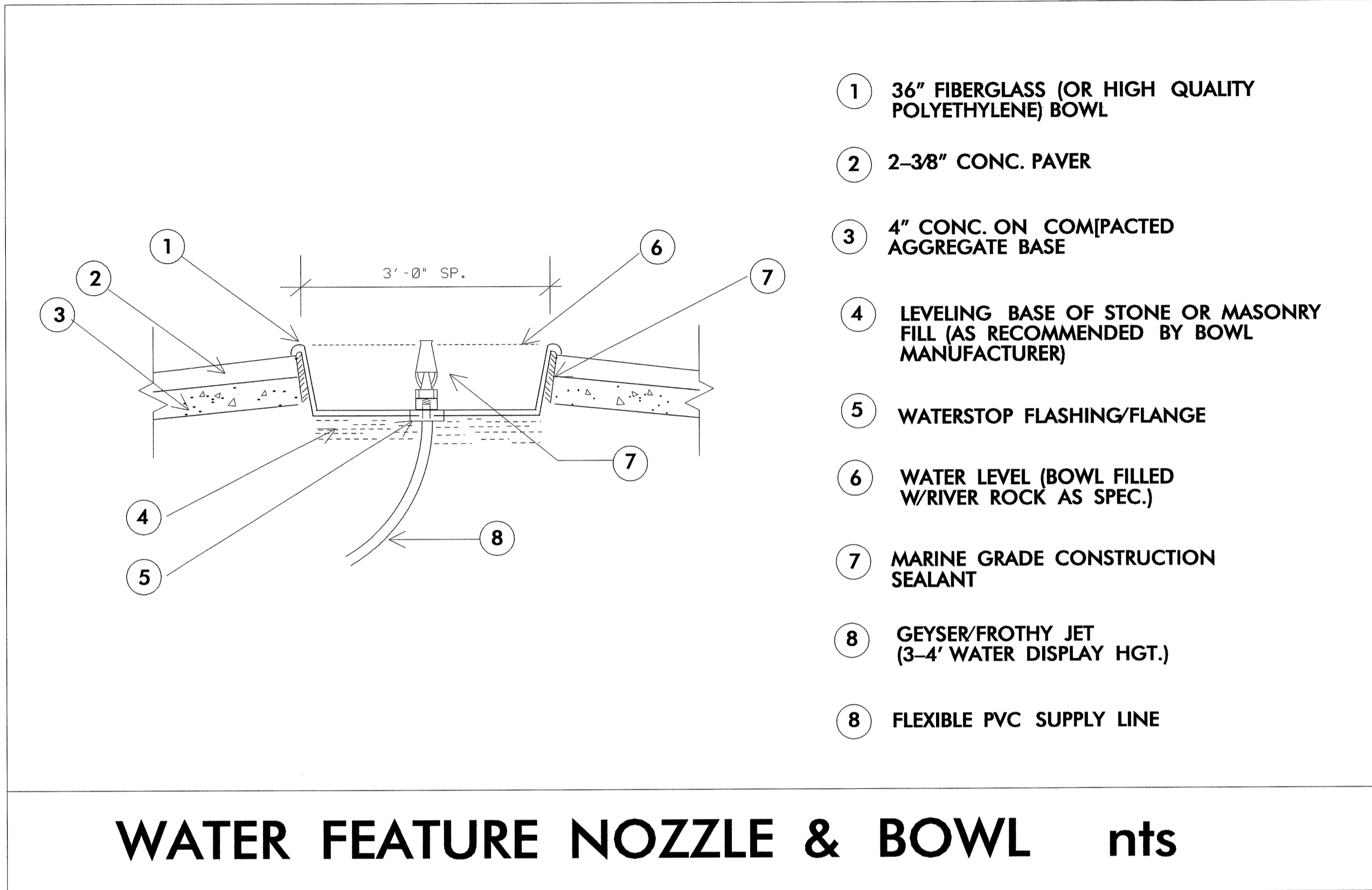


- LEGEND NOTES:**
- 1 FROTHY NOZZLE (BY LONG ISLAND FOUNTAIN COMPANY OR SIMILIAR) WATERPROOF BULK HEAD FITTING, WATER SUPPLY PIPE, PUMP SIZE AND ITS ELECTRICAL CONNECTION ALL IN ACCORDANCE WITH MANUFACTURER'S SUGGESTIONS); 36" FIBERGLASS BOWL OR HIGH QUALITY POLYETHYLENE (MANUFACTURED BY LONG ISLAND FOUNTAIN CO. OR SIMILIAR) SET LEVEL ON NOTED BASE, RIM SEALED (W/MARINE GRADE CONSTRUCTION SEALANT) OVER PAVERS.
 - 2 3" EASY PRO BOTTOM DRAIN; ROTO MOLDED; INCLUDES BULK HEAD FITTING, VALVE AND PIPE FITTING
 - 3 COBBLESTONE PAVERS (IN THE WATER FEATURE) ARE TO MATCH COBBLESTONE PAVERS (SAME MANUFACTURER, COLOR, AND TEXTURE) USED WITHIN THE SITE HARDSCAPE PLAN (LH-001); USE APPROPRIATE DIMENSIONED PAVER TO PLACE IN CIRCULAR PATTERN (AS DETAILED).

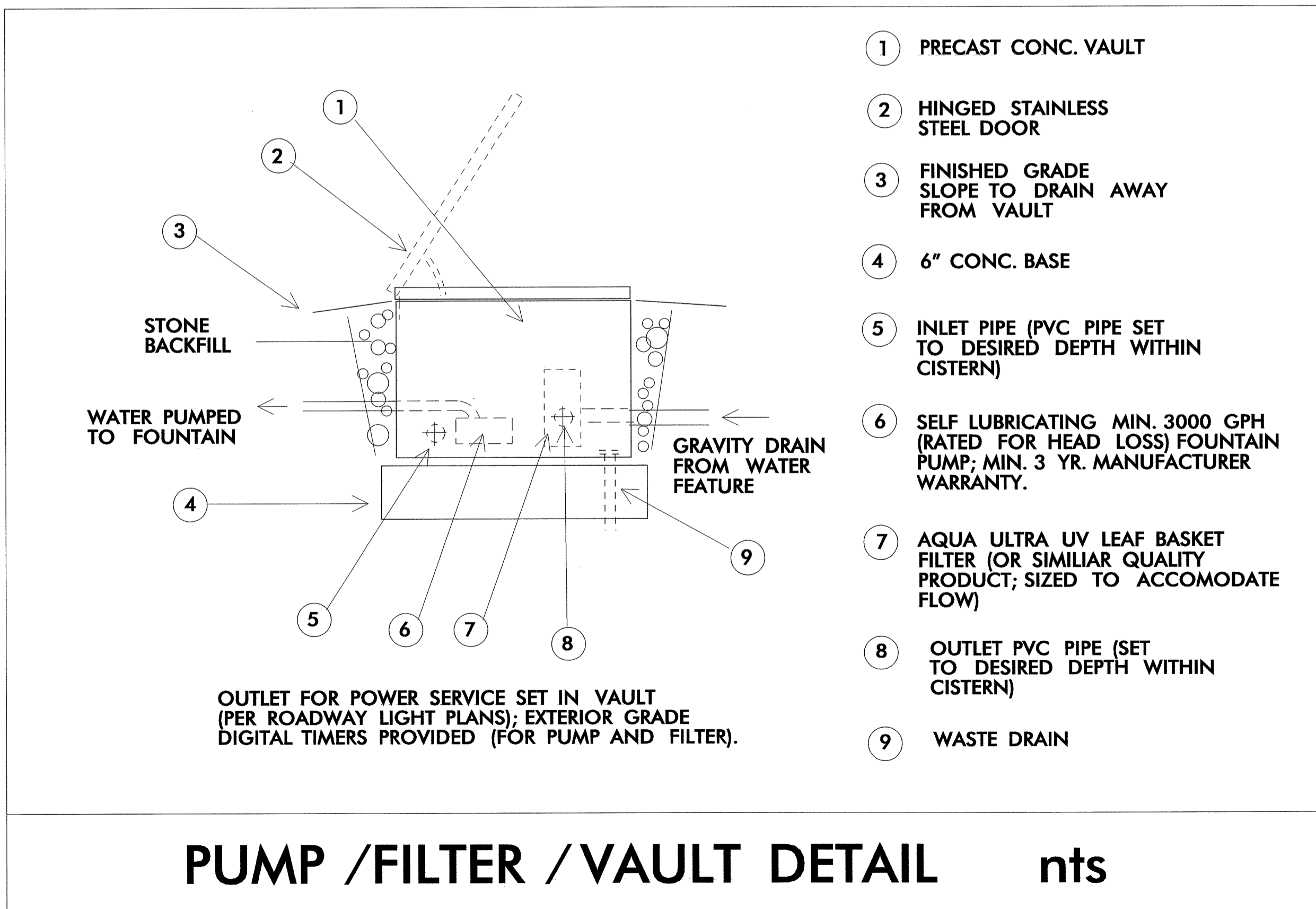




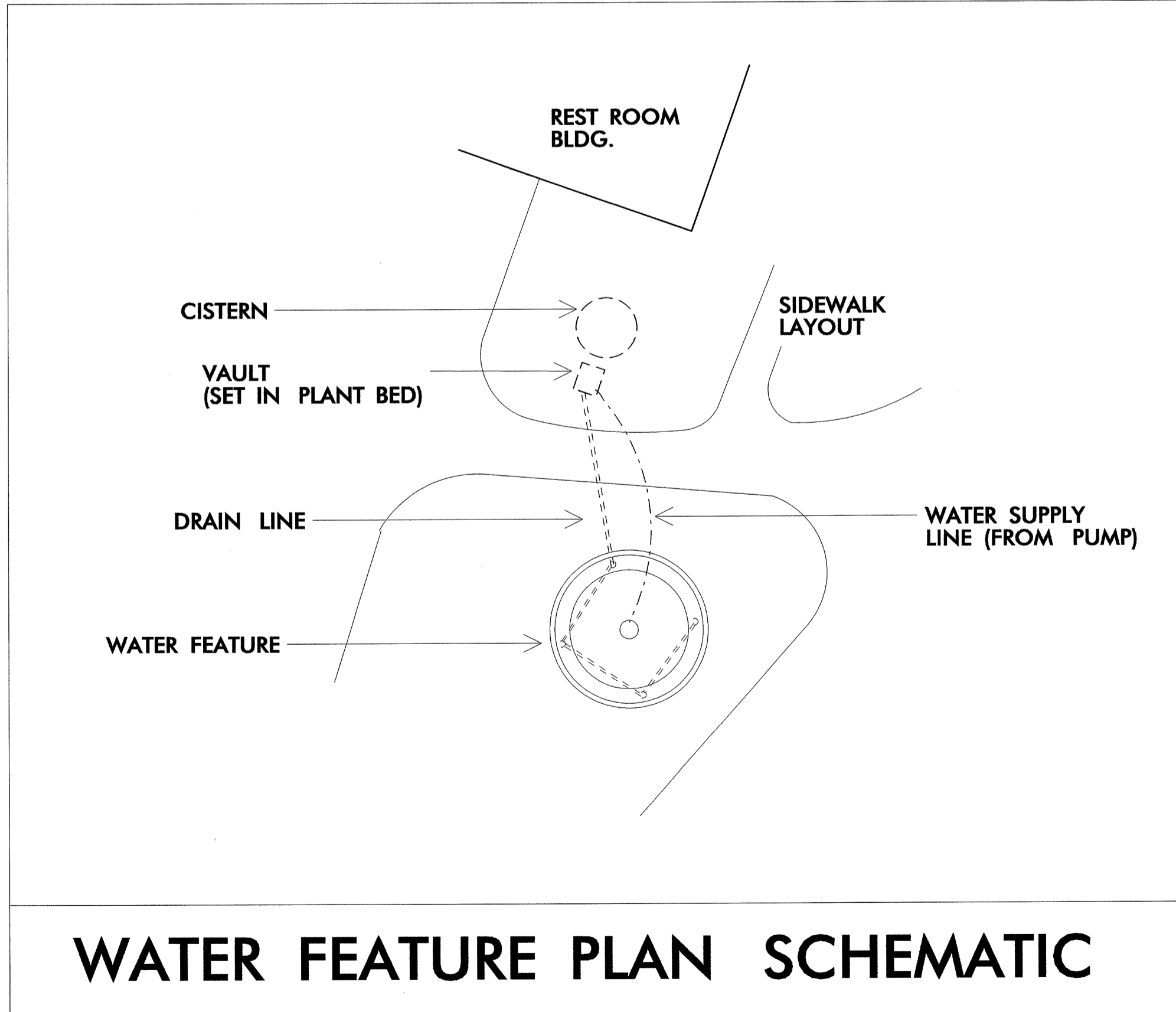
WATER FEATURE STONE WALL nts



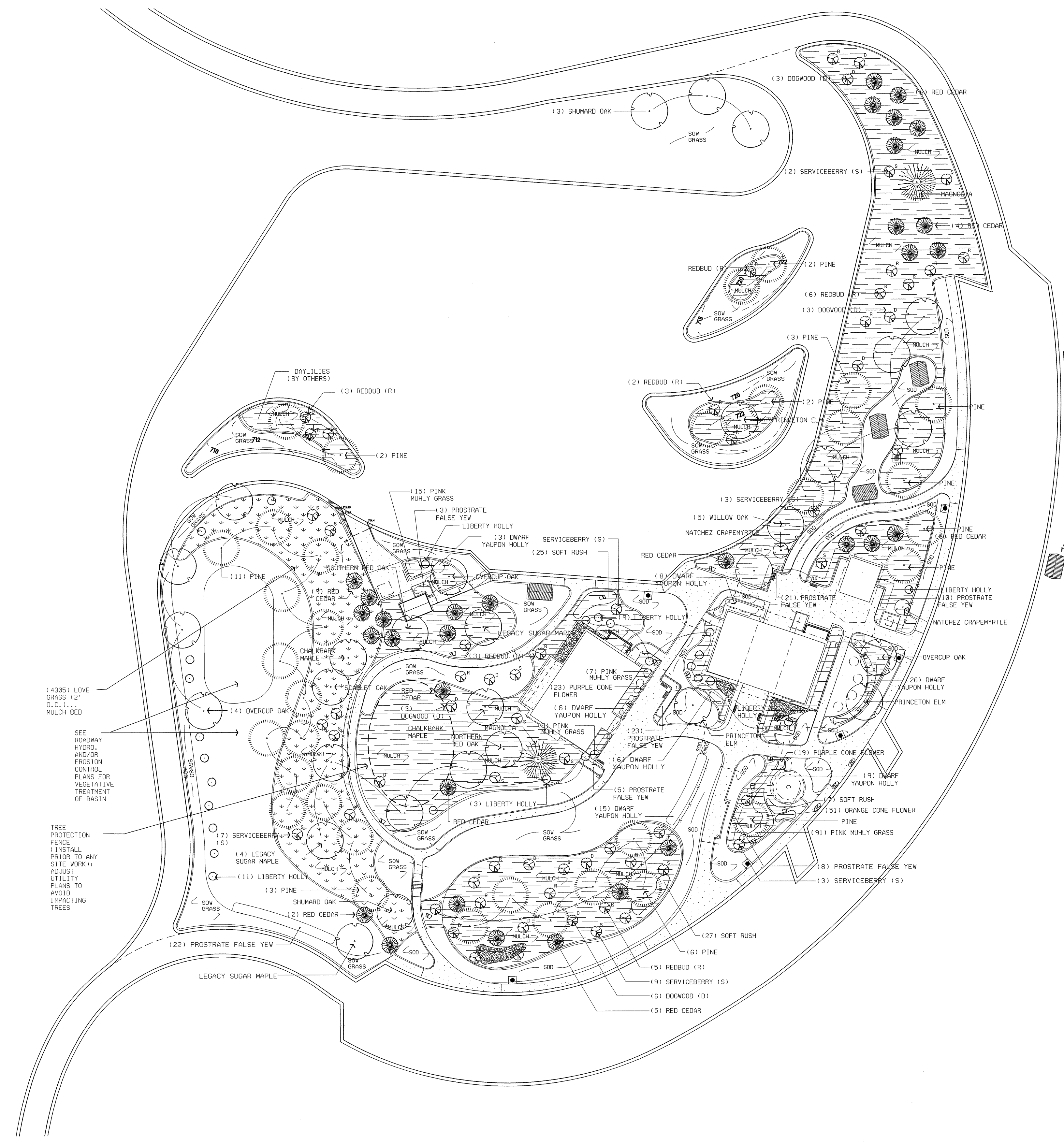
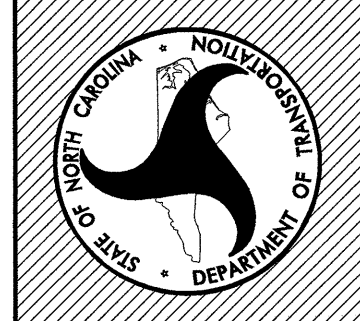
WATER FEATURE NOZZLE & BOWL nts



PUMP /FILTER /VAULT DETAIL nts



WATER FEATURE PLAN SCHEMATIC



NOTES:
 * SOW GRASS AREAS SHALL BE FINE GRADED AND SOWN AS DEFINED BY "SEEDING AND MULCHING" SPECIFICATION
 ALL PLANT BEDS AREAS ARE TO BE MULCHED; MULCH TREE PRESERVATION AREA AND LOVE GRASS AREA.

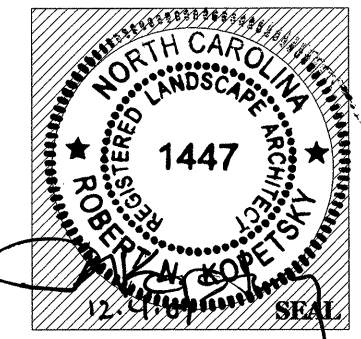
MINIMIZE SLOPES WITH CONTOUR GRADING, ON BACKSIDE OF PICNIC SHELTERS, FOR ACCESSIBILITY WHILE MAINTAINING INTEGRITY OF DRAINAGE DITCH

LEGEND

- LARGE DECIDUOUS TREE
- MAGNOLIA
- PINE
- RED CEDAR
- NATCHEZ CRAPEMYRTLE
- SMALL FLOWERING TREE
- HOLLY
- HEDGES
- SOD
- BOULDER (COLLECT FROM NBL/SBL SITE AND RE-USE)
- FIELD STONE (COLLECT FROM NBL/SBL SITE AND RE-USE)

(4305) LOVE GRASS (2' D.C.), MULCH BED
 SEE ROADWAY HYDRO AND/OR EROSION CONTROL PLANS FOR VEGETATIVE TREATMENT OF BASIN
 TREE PROTECTION FENCE (INSTALL PRIOR TO ANY SITE WORK); ADJUST UTILITY PLANS TO AVOID IMPACTING TREES

Qty.	Unit	Key	Botanical Name	Common Name
32	EA	JV	<i>Juniperus virginiana</i>	Eastern Red Cedar
2	EA	MG	<i>Magnolia grandiflora</i> 'Bracken's Brown Beauty'	Bracken's Brown Beauty Magnolia
34	EA	PT	<i>Pinus taeda</i>	Loblolly Pine
7	EA	AS	<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple
1	EA	QC	<i>Quercus coccinea</i>	Scarlet Oak
1	EA	QF	<i>Quercus falcata</i>	Southern Red Oak
6	EA	QL	<i>Quercus lyrata</i>	Overcup Oak
5	EA	QP	<i>Quercus phellos</i>	Willow Oak
1	EA	QR	<i>Quercus rubra</i>	Northern Red Oak
4	EA	QS	<i>Quercus shumardii</i>	Shumard Oak
3	EA	UP	<i>Ulmus americana</i> 'Princeton'	Princeton Elm
26	EA	IL	<i>Ilex x 'Liberty'</i>	Liberty Holly
28	EA	AA	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Serviceberry
20	EA	CC	<i>Cercis canadensis</i>	Eastern Redbud
15	EA	CF	<i>Cornus florida</i>	Flowering Dogwood
2	EA	LN	<i>Lagerstroemia 'Natchez'</i>	Natchez Crape Myrtle
84	EA	CH	<i>Cephalotaxus harringtonia</i> 'Prostrata'	Prostrate Japanese Yew
59	EA	IV	<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly
118	EA	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass
42	EA	EP	<i>Echinacea purpurea</i>	Purple Coneflower
51	EA	RF	<i>Rudbeckia fulgida</i> 'Goldstrum'	Orange Coneflower
4305	EA	EC	<i>Eragrostis curvula</i>	Weeping Love Grass
59	EA	JE	<i>Juncus effusus</i>	Soft Rush

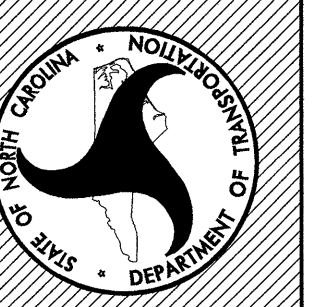


Des	Sec	Qty.	Unit	Key	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.
6410	1670	32	EA	JV	<i>Juniperus virginiana</i>	Eastern Red Cedar	6-8'		B&B	3.2.4
6640	1670	2	EA	MG	<i>Magnolia grandiflora</i> 'Bracken's Brown Beauty'	Bracken's Brown Beauty Magnolia	10-12'		B&B	1.2.2
6640	1670	34	EA	PT	<i>Pinus taeda</i>	Loblolly Pine	8-10'		B&B	3.2.4
6215	1670	7	EA	AS	<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple	10-12'		B&B	1.2.1
6560	1670	1	EA	QC	<i>Quercus coccinea</i>	Scarlet Oak	10-12'		B&B	1.2.1
6640	1670	1	EA	QF	<i>Quercus falcata</i>	Southern Red Oak	10-12'		B&B	1.2.1
6640	1670	6	EA	QL	<i>Quercus lyrata</i>	Overcup Oak	10-12'		B&B	1.2.1
6575	1670	5	EA	QP	<i>Quercus phellos</i>	Willow Oak	10-12'		B&B	1.2.1
6580	1670	1	EA	QR	<i>Quercus rubra</i>	Northern Red Oak	10-12'		B&B	1.2.1
6640	1670	4	EA	QS	<i>Quercus shumardii</i>	Shumard Oak	10-12'		B&B	1.2.1
6640	1670	3	EA	UP	<i>Ulmus americana</i> 'Princeton'	Princeton Elm	10-12'		B&B	1.2.1
6640	1670	26	EA	IL	<i>Ilex x 'Liberty'</i>	Liberty Holly	6'		B&B	4.2.4
6640	1670	28	EA	AA	<i>Amelanchier x 'Autumn Brilliance'</i>	Autumn Brilliance Serviceberry	6-8'		B&B	1.2.3
6245	1670	20	EA	CC	<i>Cercis canadensis</i>	Eastern Redbud	6-8'		B&B	1.2.3
6260	1670	15	EA	CF	<i>Cornus florida</i>	Flowering Dogwood	6-8'		B&B	1.2.3
6430	1670	2	EA	LN	<i>Lagerstroemia 'Natchez'</i>	Natchez Crapemyrtle	10-12'		B&B	1.2.3
6640	1670	84	EA	CH	<i>Cephalotaxus harringtonia</i> 'Prostrata'	Prostrate Japanese Yew			#7 cont.	3.2.1
6640	1670	59	EA	IV	<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly			#7 cont.	4.2.3
6640	1670	118	EA	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4
6640	1670	42	EA	EP	<i>Echinacea purpurea</i>	Purple Coneflower			4" POT	12.3
6640	1670	51	EA	RF	<i>Rudbeckia fulgida</i> 'Goldstrum'	Orange Coneflower			4" POT	12.3
6640	1670	4305	EA	EC	<i>Eragrostis curvula</i>	Weeping Love Grass			2-1/2" PLUG	6.5
6640	1670	59	EA	JE	<i>Juncus effusus</i>	Soft Rush			#1 cont.	6.5
6640	1670		EA							
6640	1670		EA							
6640	1670		EA							
6650	1670	810	CY		Mulch for Planting					
6655	1670	5	M/G		Water for Planting					
6665	1670	50	SY		Post emergence Herbicidal Treatment					
6670	1670	50	SY		Pre emergence Herbicidal Treatment					
6102	1660	1360	SY		Sodding					

North Carolina Department of Transportation

Roadside Environmental Unit

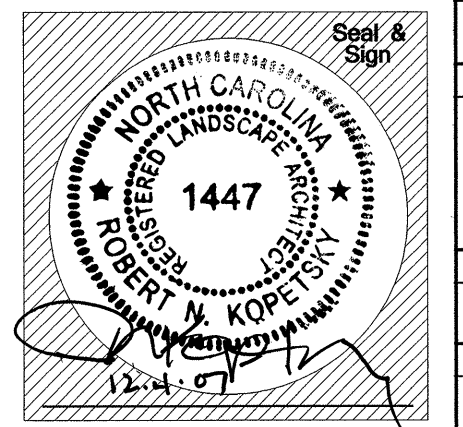
Landscape Design & Development Section

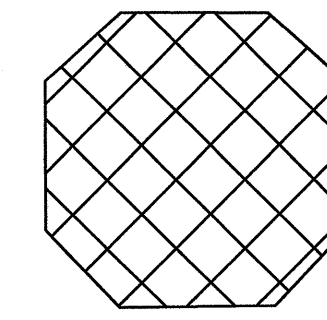
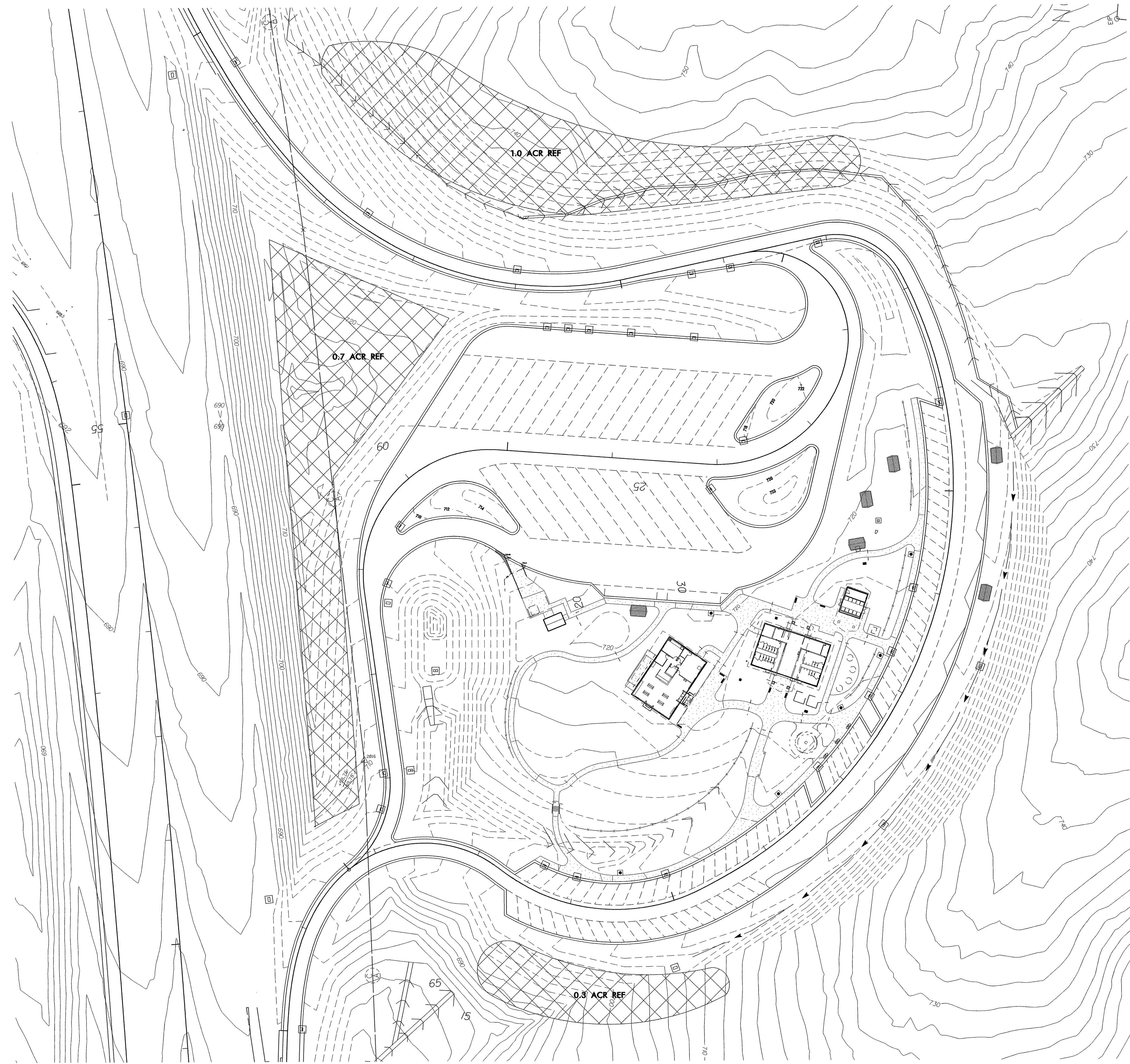


PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-7374 (US 220)**

Plans Drawn By:
 KOPETSKY/LOHMANN
 Scale
 Date

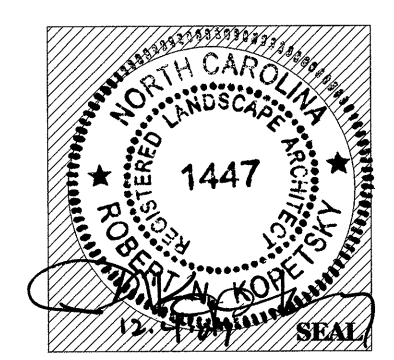
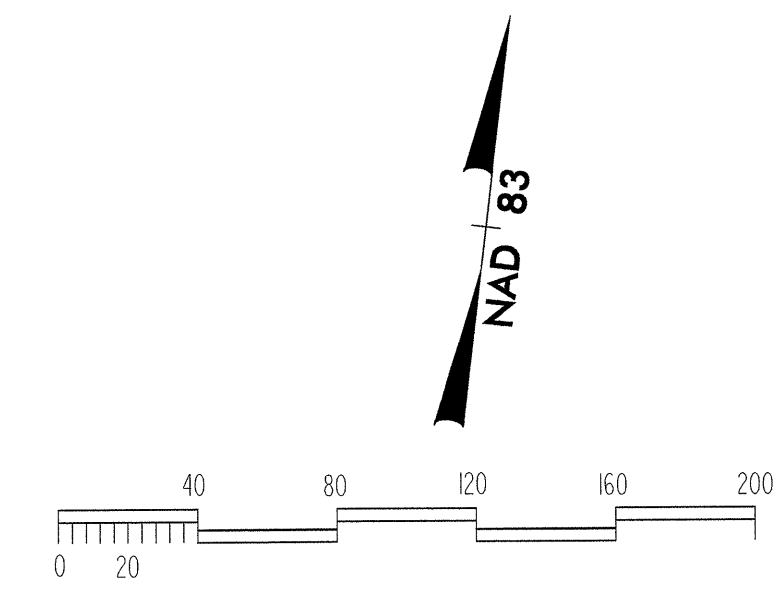
Sheet Description
**NBL
 PLANT LIST
 SCHEDULE**
 T.I.P. #
 K - 3807
 Sheet #
 LP-002



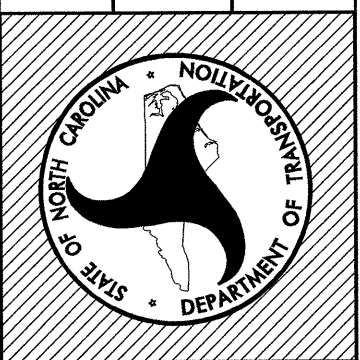


REFORESTATION AREA -
APPROX. 3.0 ACRES

SEE REFORESTATION DETAIL SHEET
FOR FURTHER INFORMATION
REFORESTATION AREA -
APPROX. 3.0 ACRES

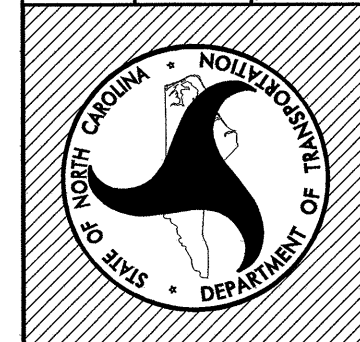


North Carolina Department of Transportation
Roadside Environmental Unit
Landscape Design & Development Section



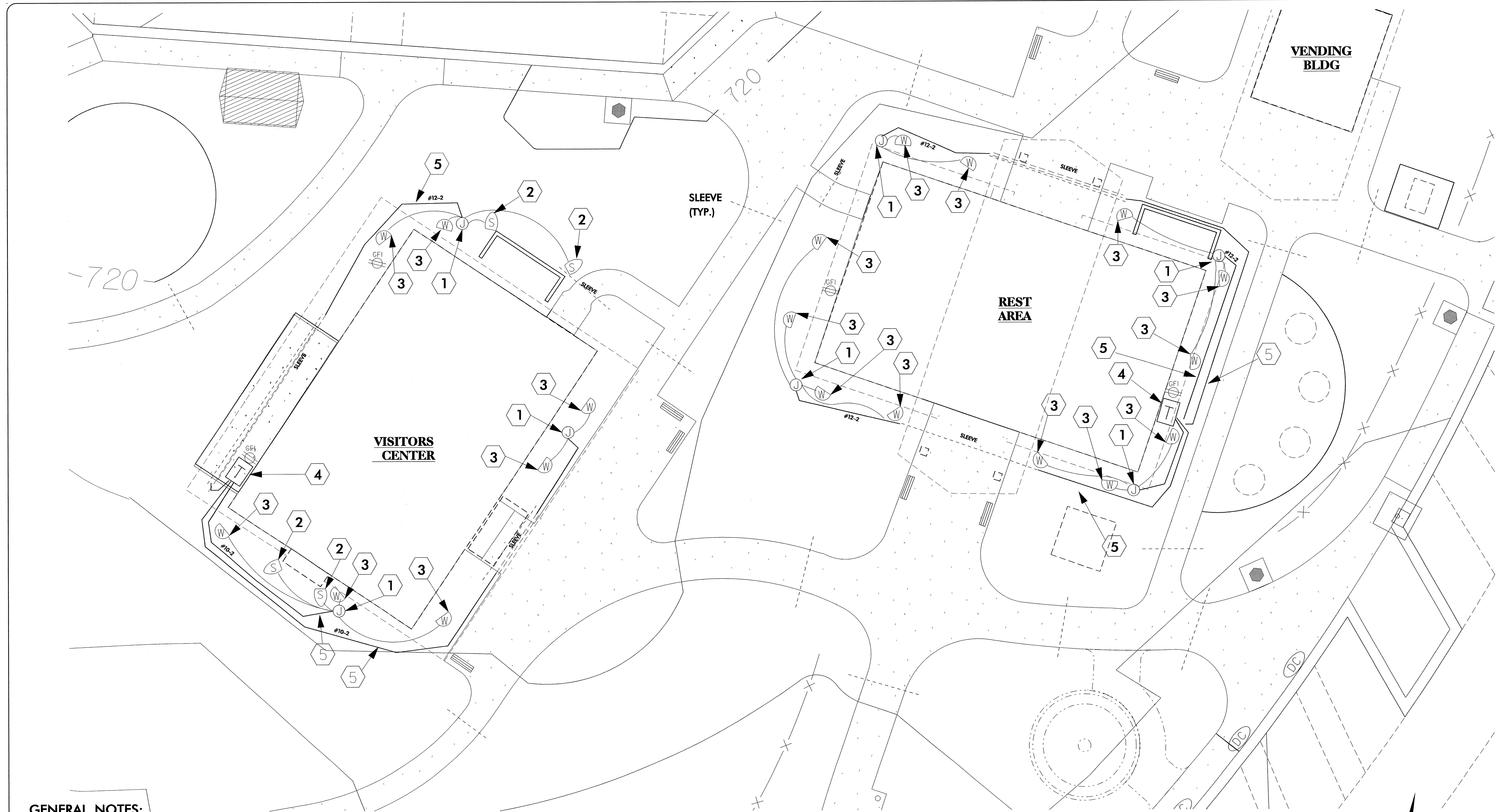
PROJECT TITLE:
**Randolph Co. Visitor Center
& Rest Area
I-73/74 (US 220)**

Plans Drawn By:	KOPETSKY
Scale:	AS NOTED
Date:	
Sheet Description:	NBL REFORESTATION PLAN
T.I.P. #:	K - 3807
Sheet #:	LP - 003



PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-7374 (US 220)**

Plans Drawn By:
 KOPETSKY/LOHMANN
 Scale
 AS NOTED
 Date
 Sheet Description
**NBL
 LANDSCAPE
 LTG PLAN**
 T.I.P. #
 K - 3807
 Sheet #
 LL-001



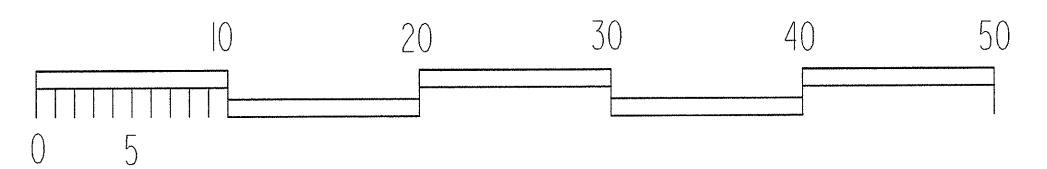
GENERAL NOTES:

1. ALL WIRE RUNS SHALL BE A MIN. 8" DEEP AND WITHIN TWO FEET OF BLDG. FOUNDATION (UNLESS OTHERWISE NOTED)
2. ALL WIRE UNIONS AT JUNCTION BOX/SPIDER SPLICE SHALL BE JOINED WITH A TEFLON WATERPROOF WIRE NUT.
3. SPECIFIC LOCATIONS OF 3" PVC SLEEVES ARE NOTED BY THE DASHED LINE
4. WIRE RUN # SHALL BE LABELED WITHIN THE TRANSFORMER BOX. WIRE RUN # AND SPECIFIC FIXTURE # SHALL BE LABELED WITHIN ON THE JUNCTION BOXES.
5. EACH LIGHT FIXTURE SHALL COME PRE-WIRED WITH 25' OF #16-2 TIN COATED MARINE GRADE WIRE.

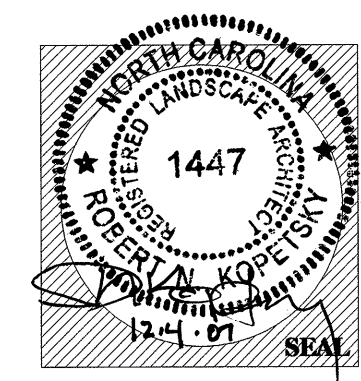
LEGEND NOTES:

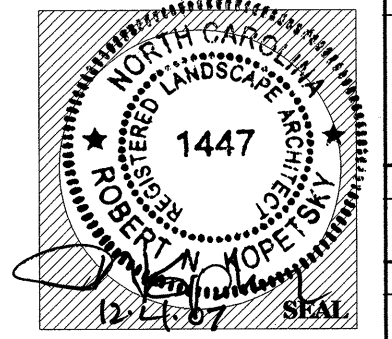
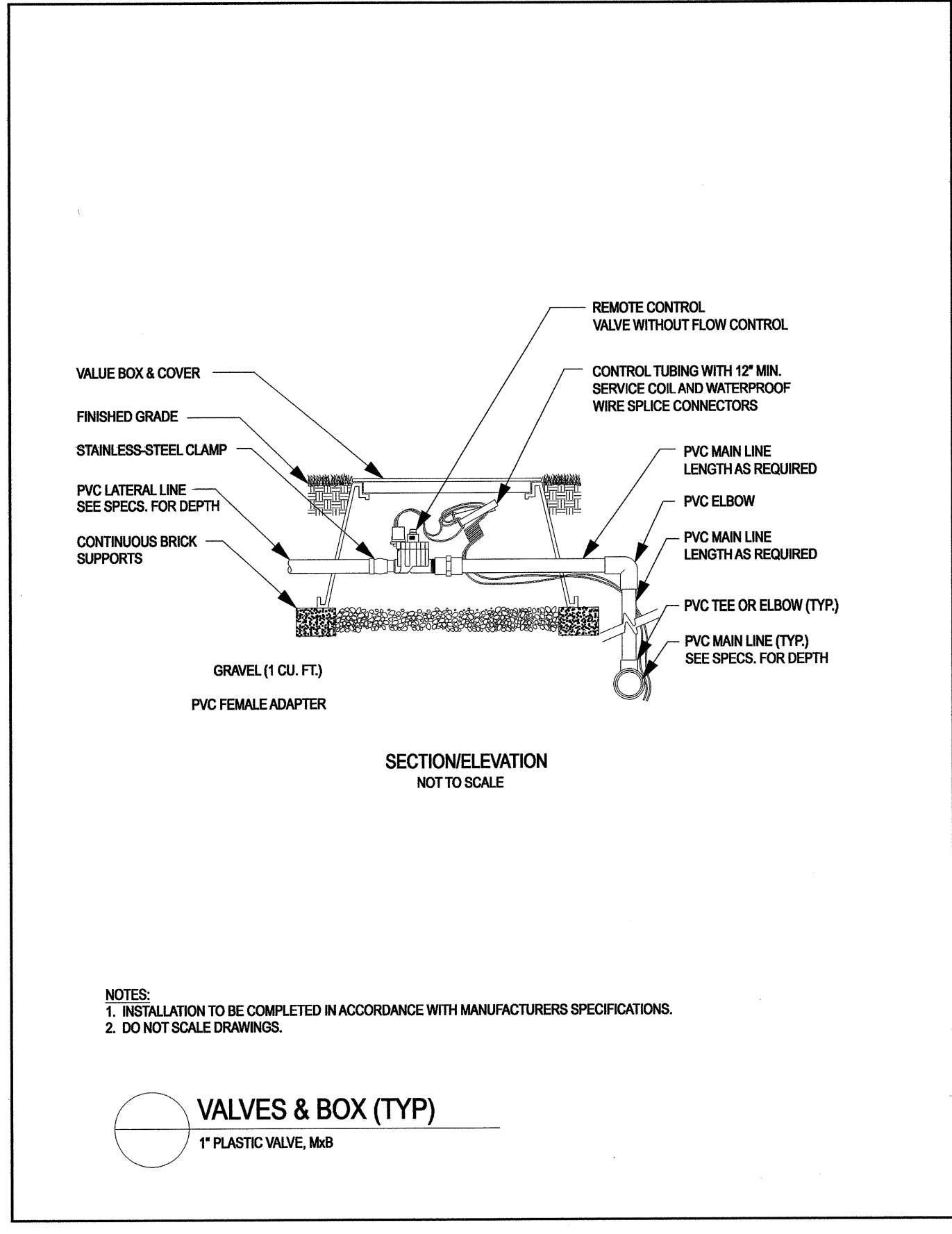
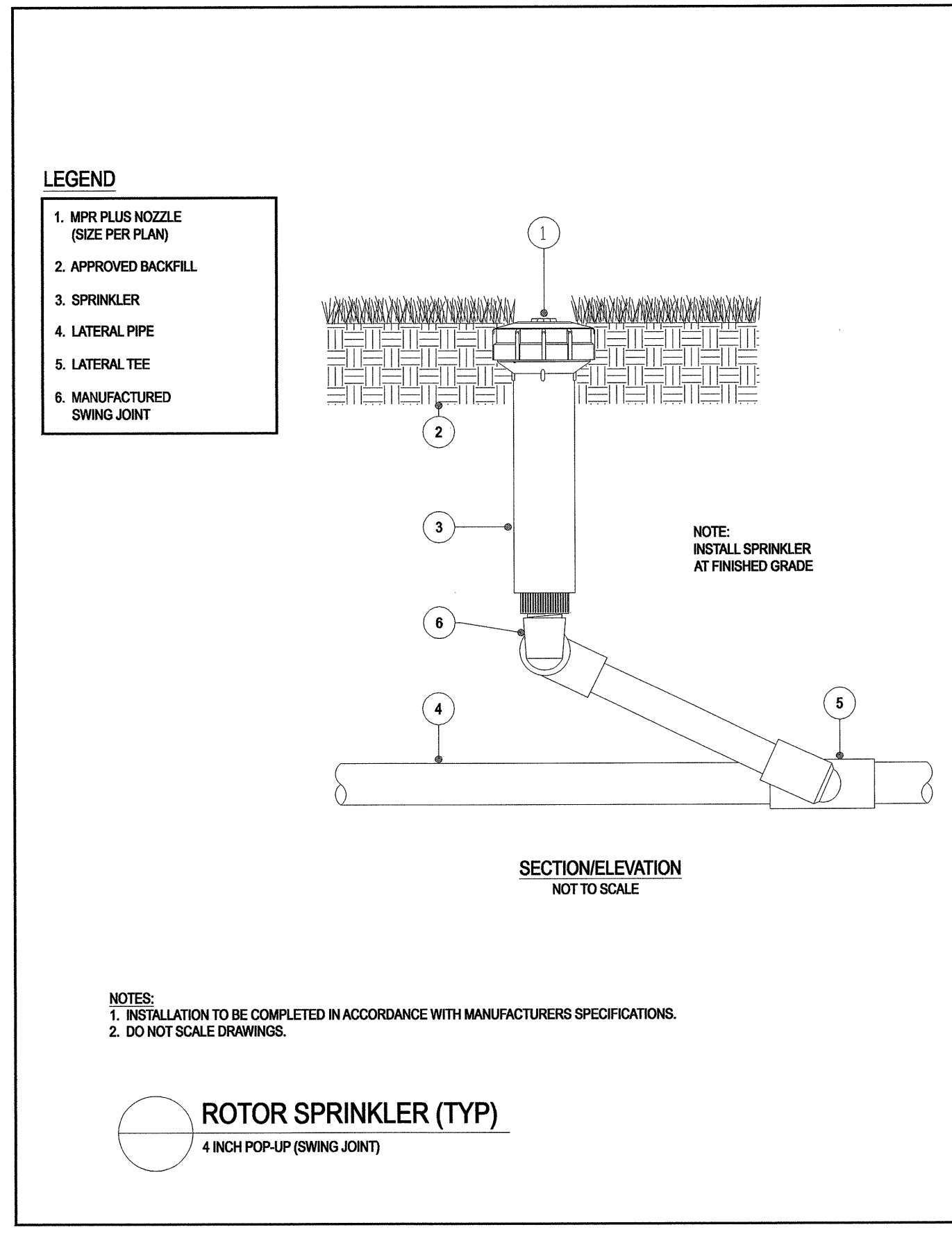
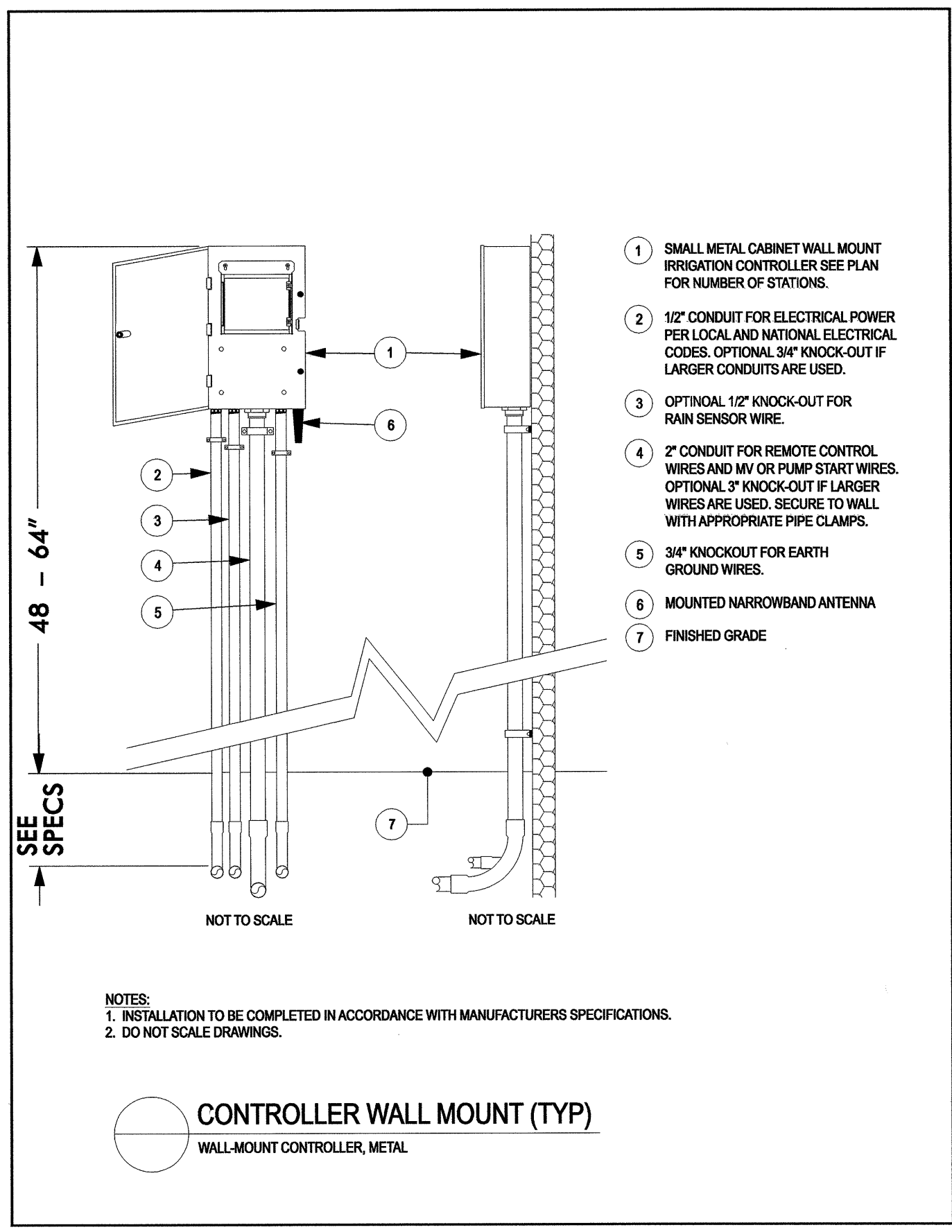
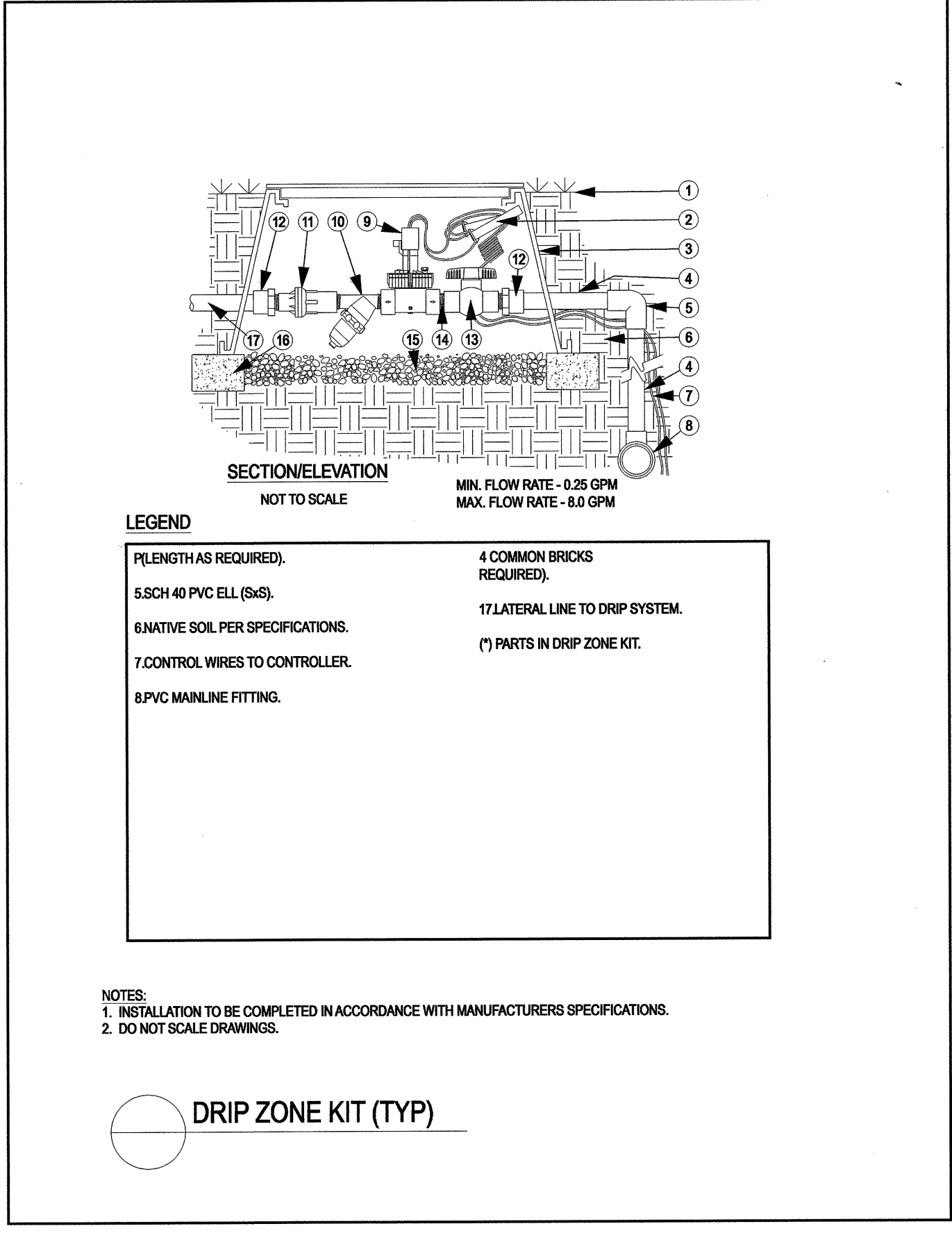
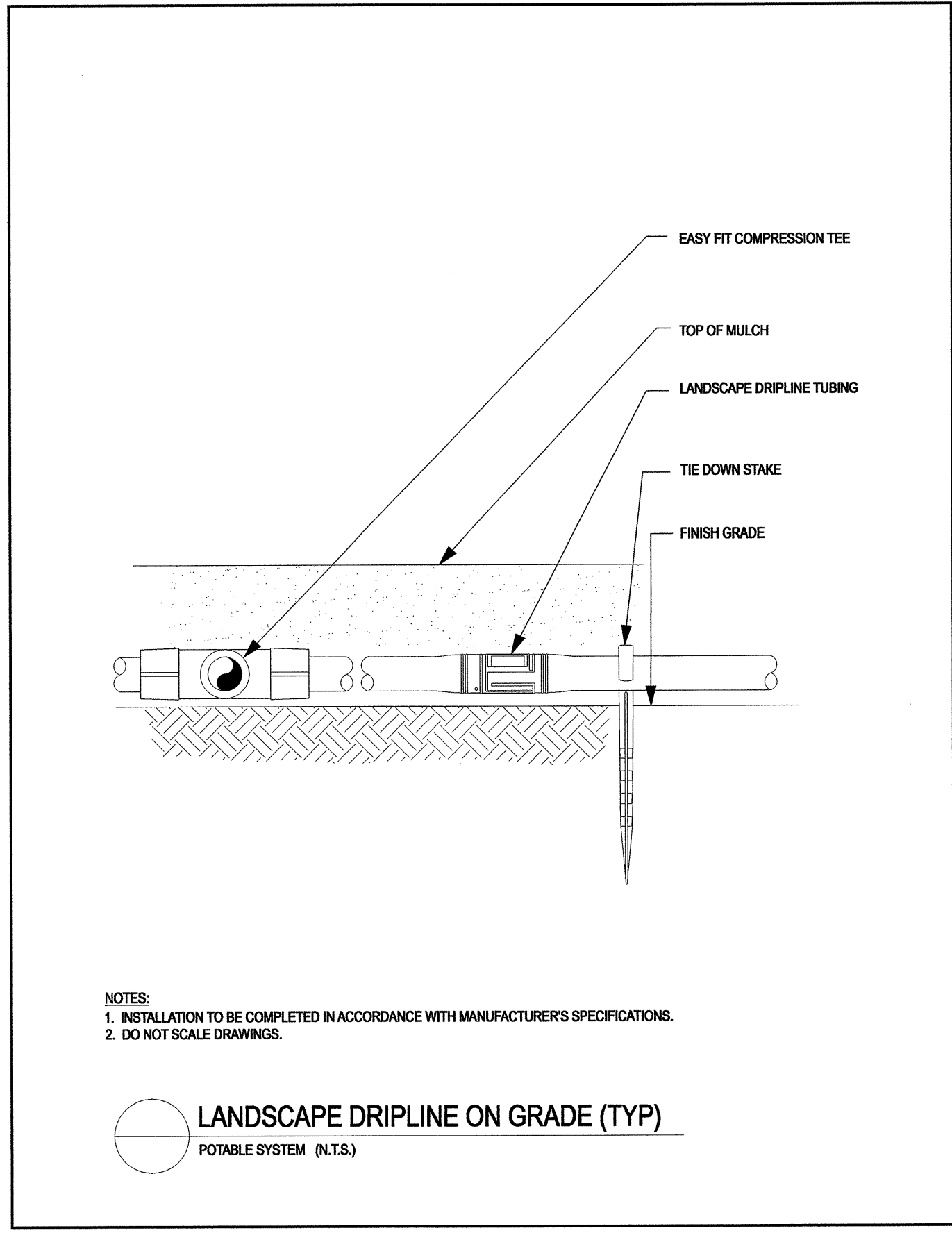
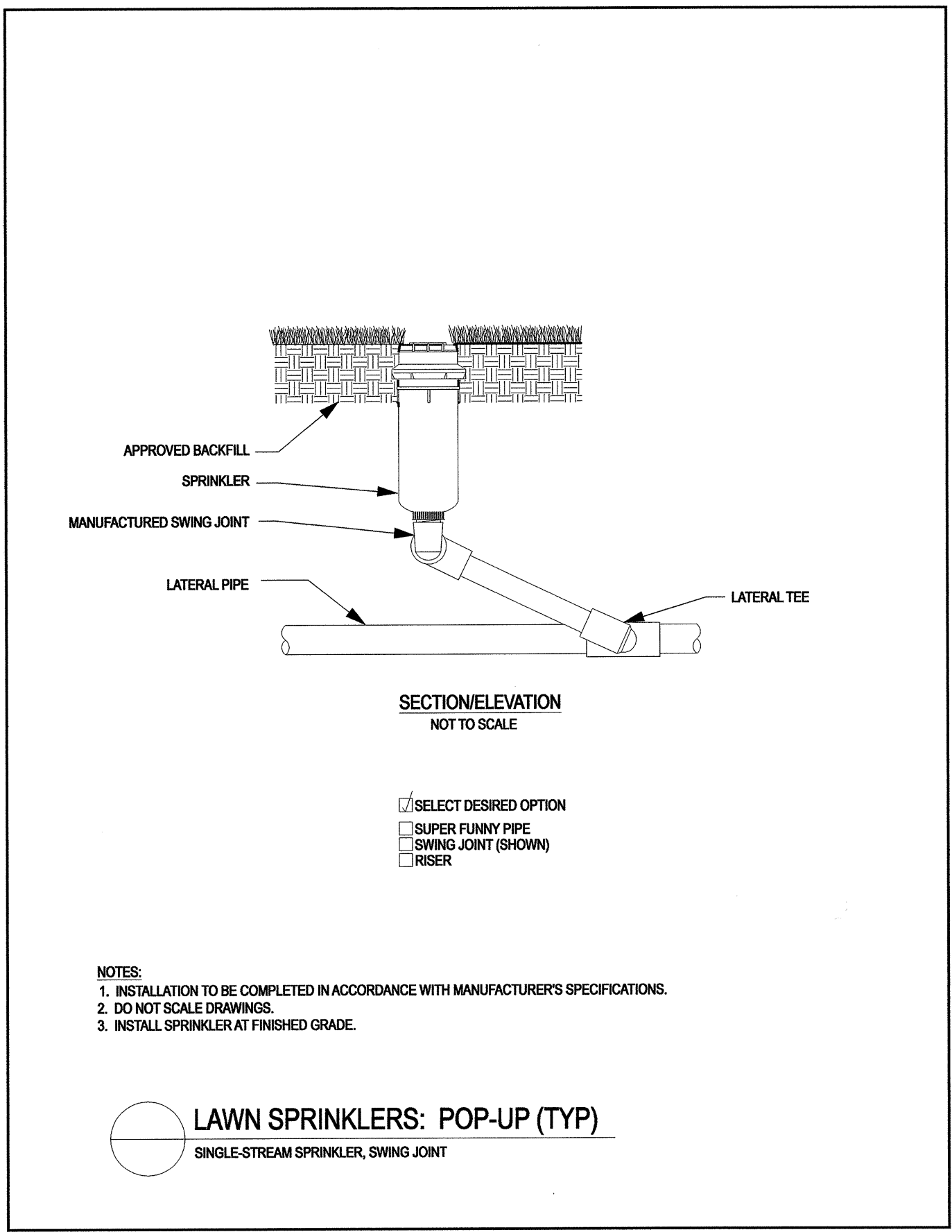
- 1 JUNCTION BOX/SPIDER SPLICE: BELOW GRADE PVC BOX; LOCATED OUT OF WAY OF MAINT. ACTIVITIES OR OTHER SITE EQUIPMENT TO AVOID DAMAGE.
- 2 12V SPOT /BULLET LANDSCAPE LIGHT- PRECAST BRONZE BODY WITH SOLID CAST STAKE; MR-16 (26 DEGREE) LAMP AND CONVEX PYREX LENS.
- 3 12V WALL WASH LANDSCAPE LIGHT- PRECAST BRONZE BODY WITH SOLID CAST STAKE; 25 WATT HALOGEN LAMP AND CONVEX PYREX LENS.
- 4 600 W MULTI TAP TRANSFORMER; STAINLESS STEEL BLACK POWDER COATED; SECURELY MOUNTED ON BLDG OR/AS INSTRUCTED BY ENGINEER.
- 5 TIN COATED MARINE GRADE HOMERUN FIELD WIRES #12-2 OR #10-2

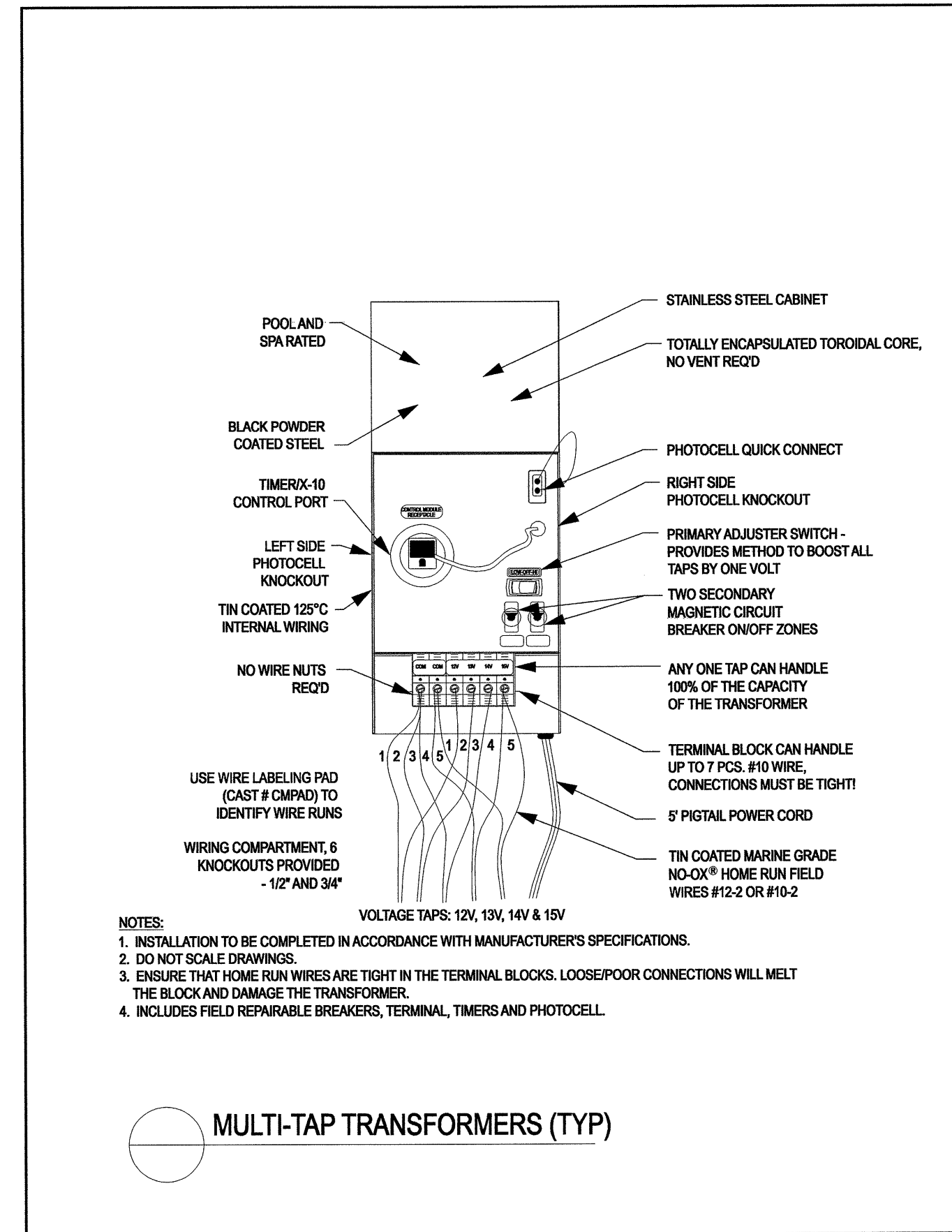
CONFIRM LOCATION OF WIRE RUNS (WITH ENG.) IN ORDER TO ADHERE TO SPECIFICATIONS AND MINIMIZE UTILITY CONFLICTS



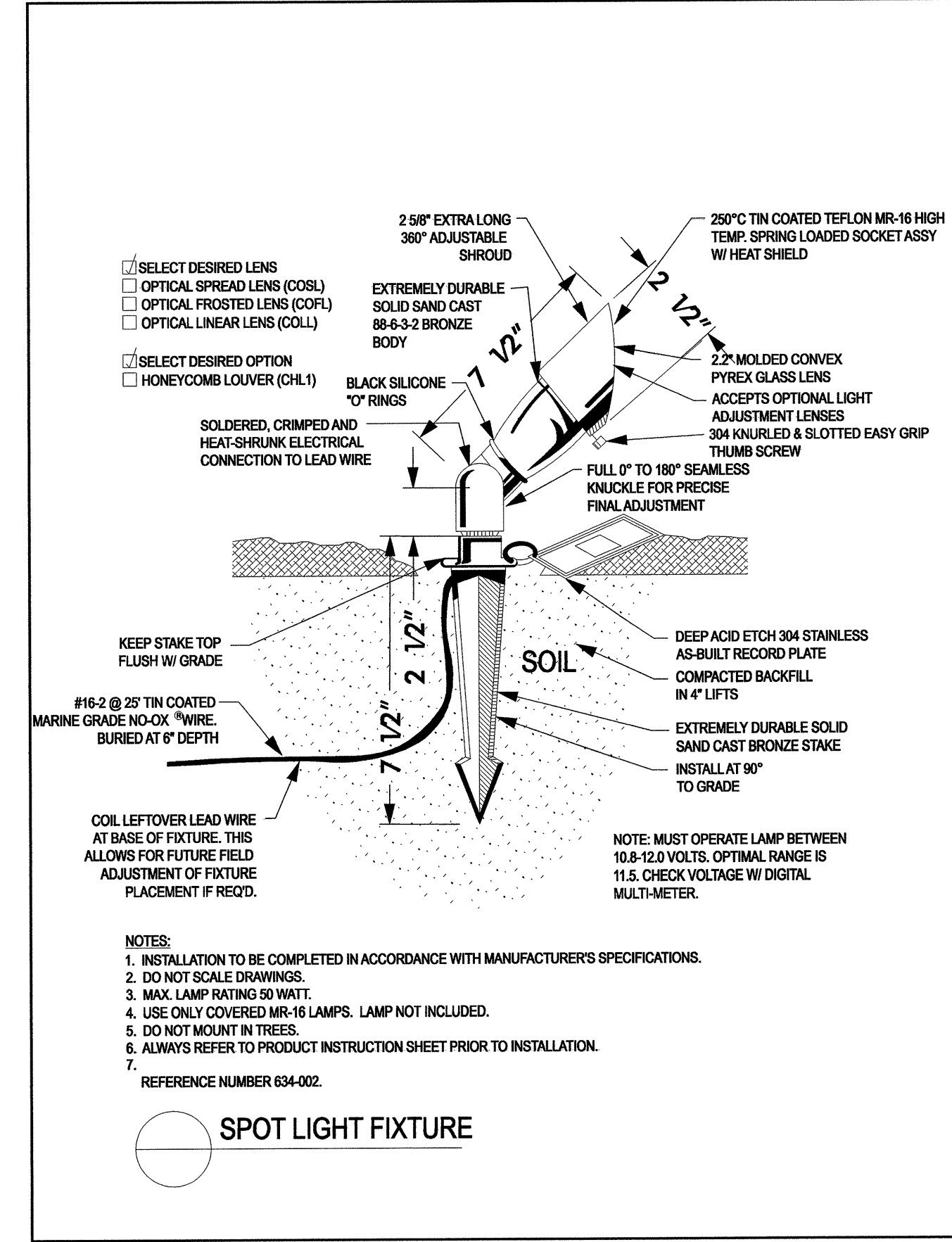
NAD 83



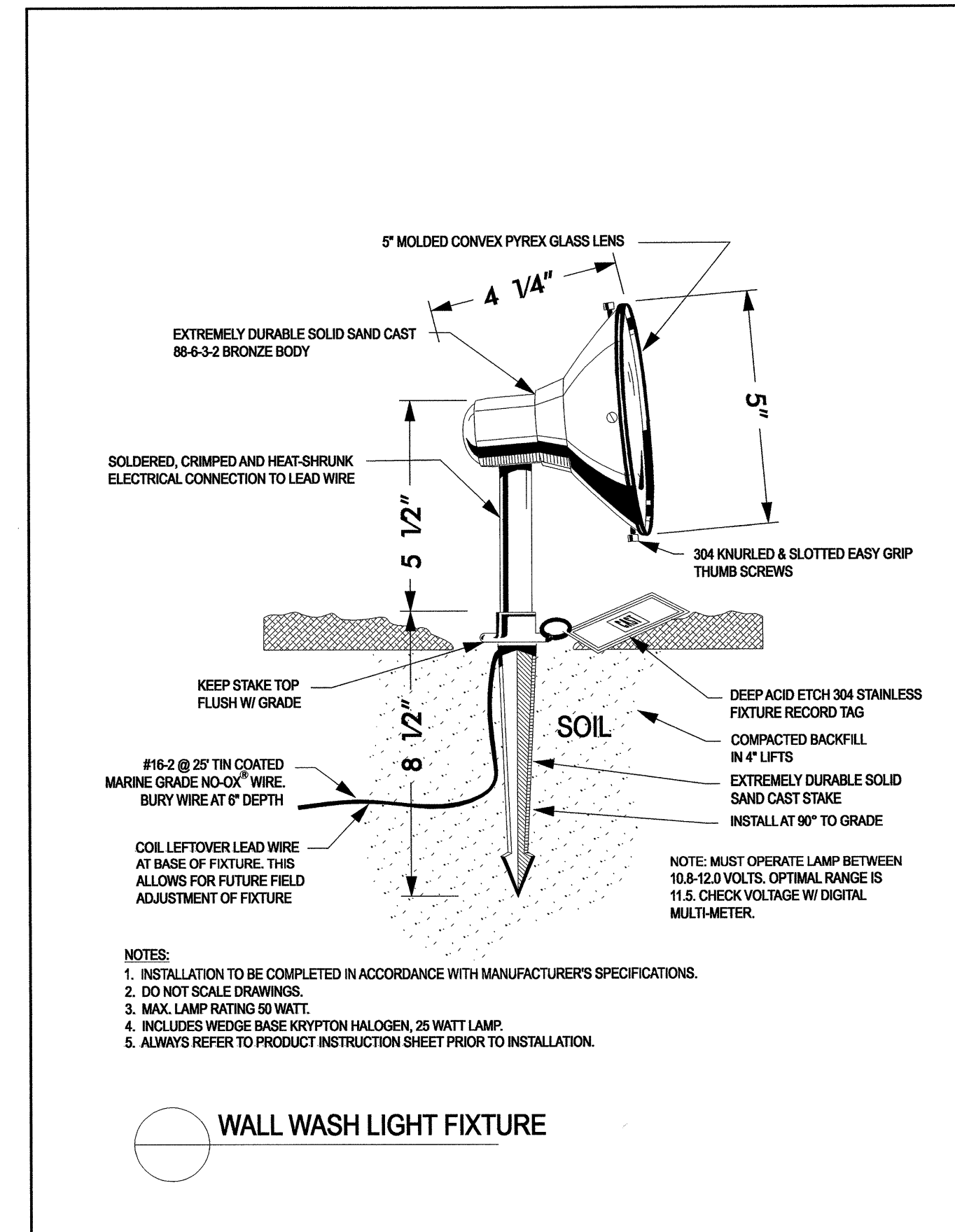




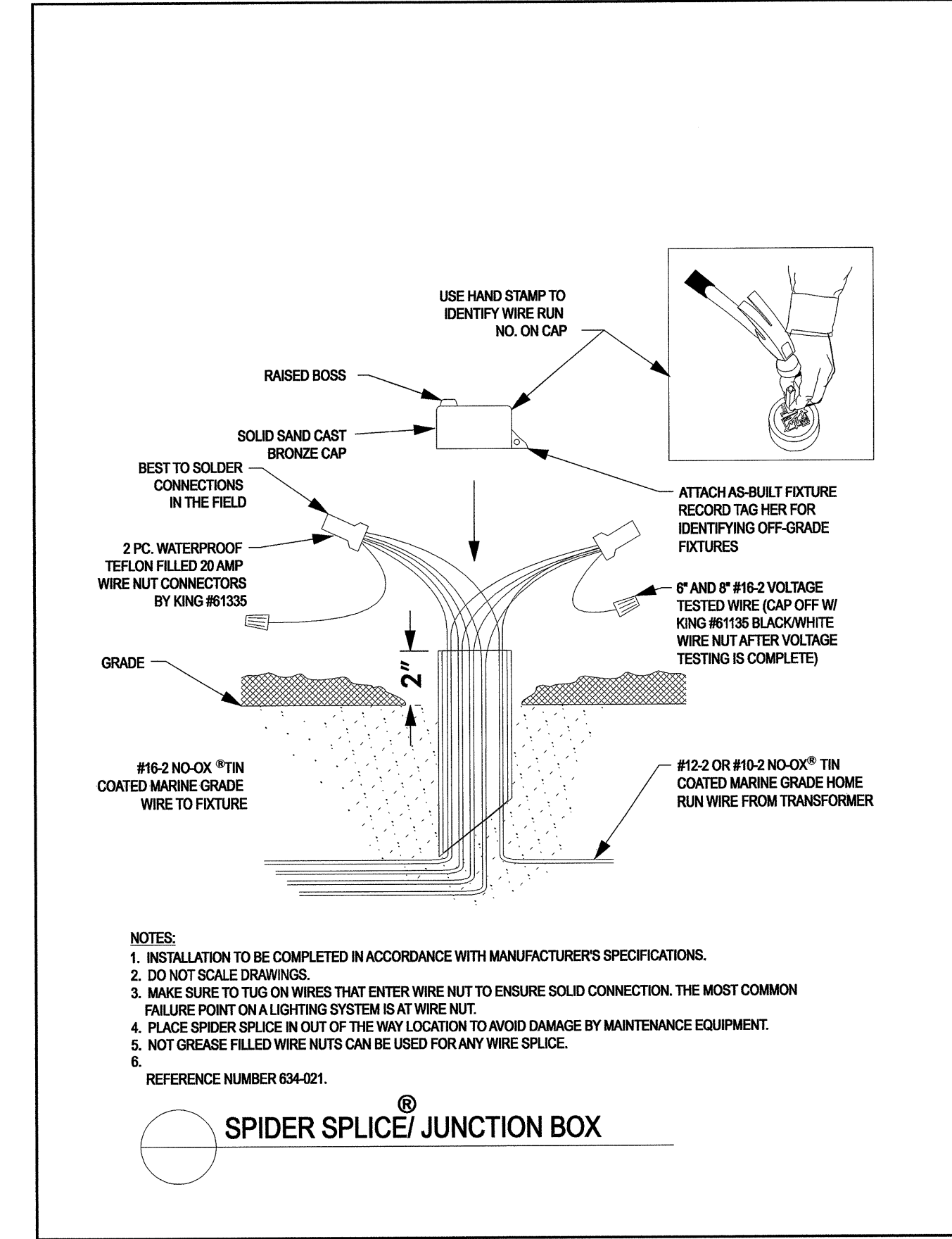
○ MULTI-TAP TRANSFORMERS (TYP)



○ SPOT LIGHT FIXTURE



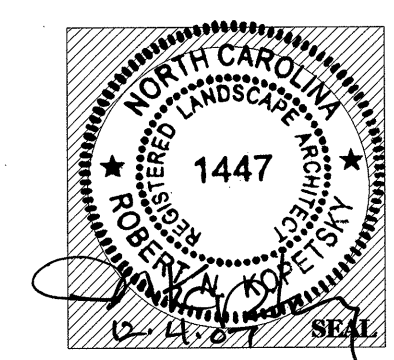
○ WALL WASH LIGHT FIXTURE

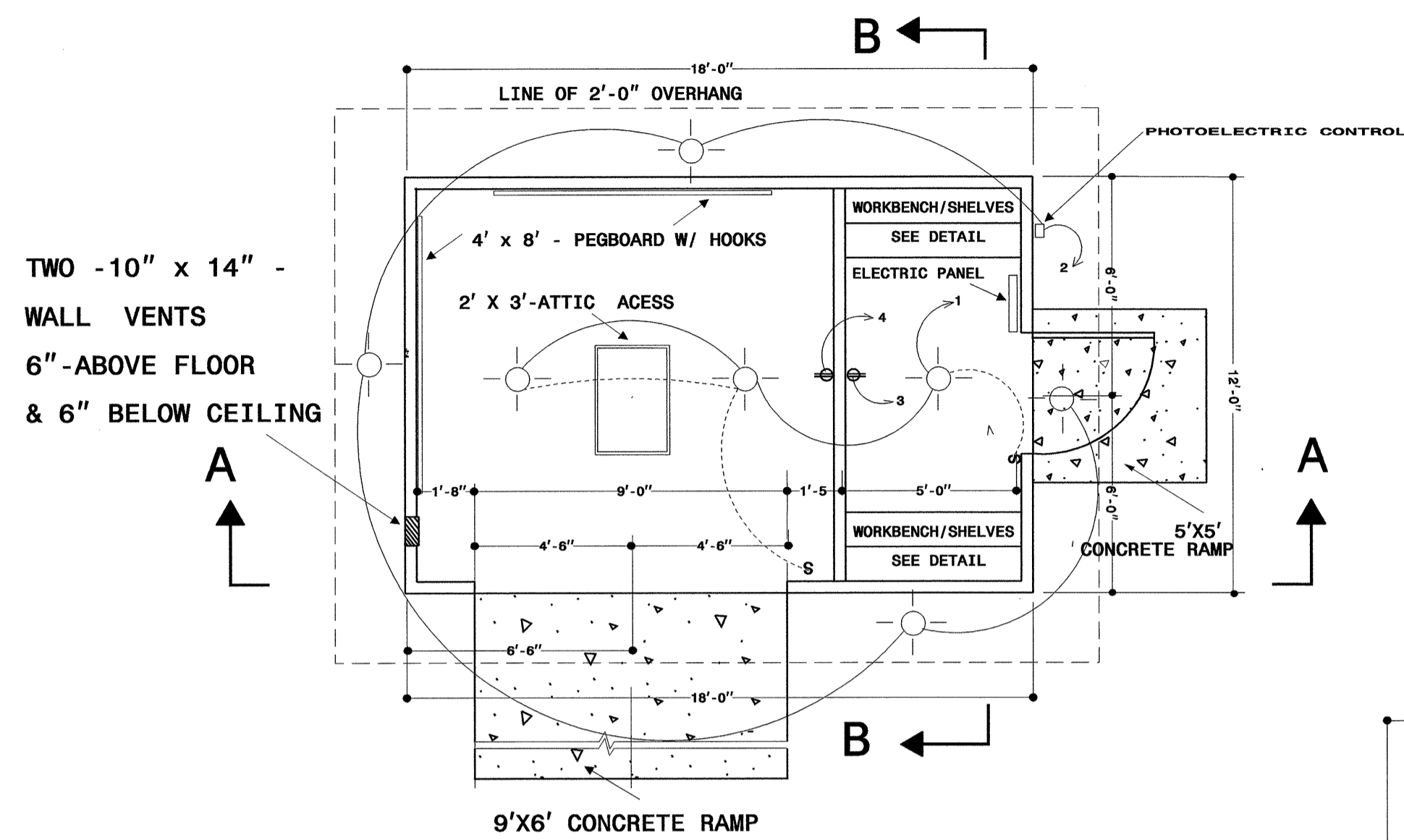


○ SPIDER SPLICE® JUNCTION BOX

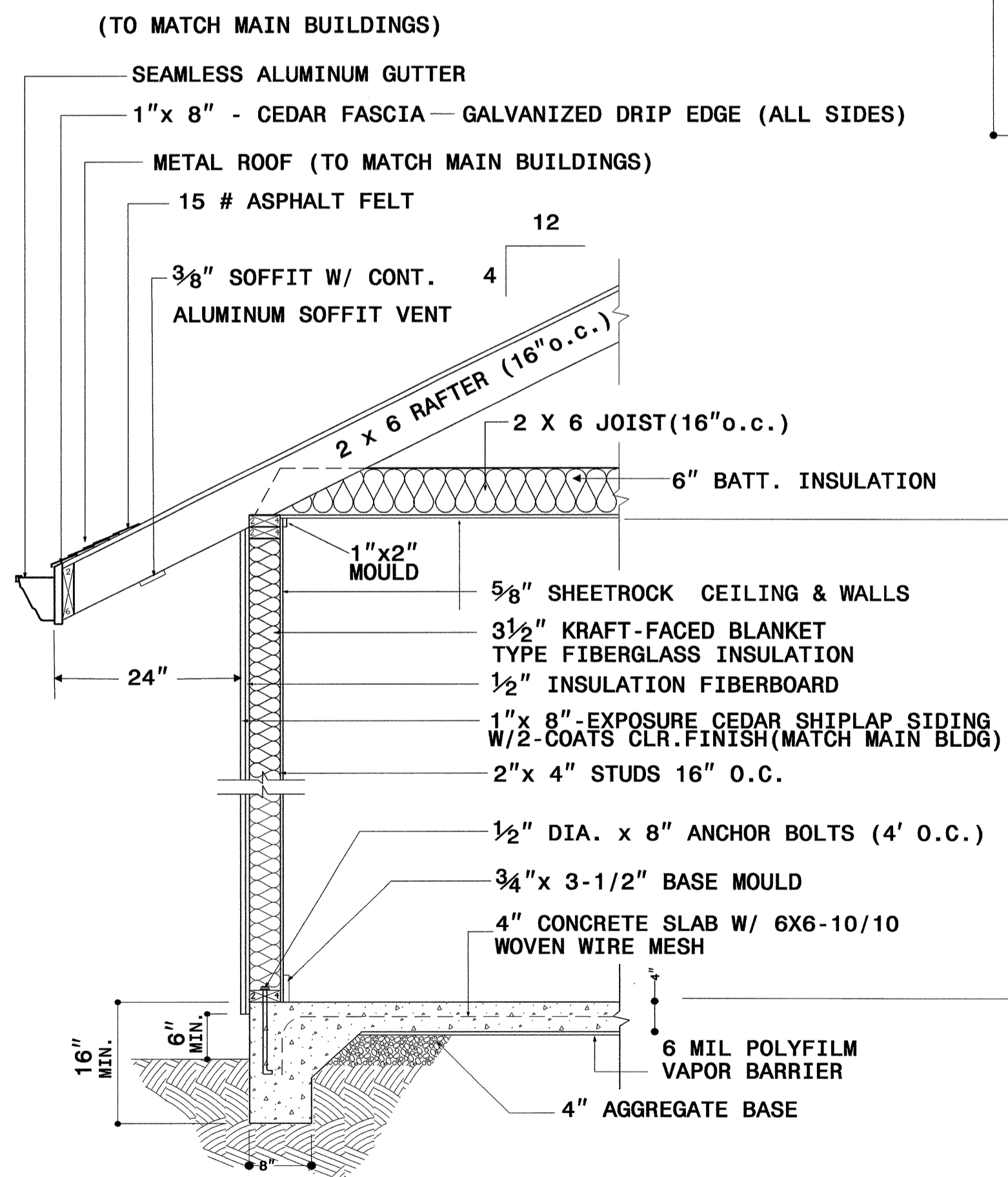
NOTE:

1) SEE LD-005 FOR ENTRANCE SIGN SPOT LIGHT DETAIL.



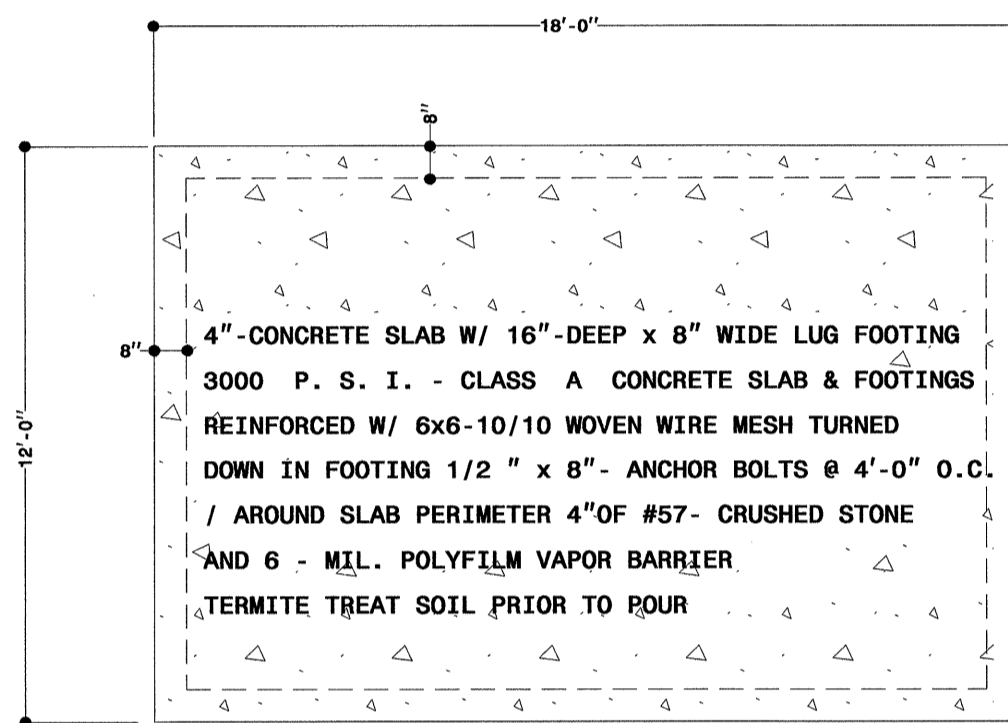


FLOOR PLAN
SCALE: 1/4" = 1'-0"

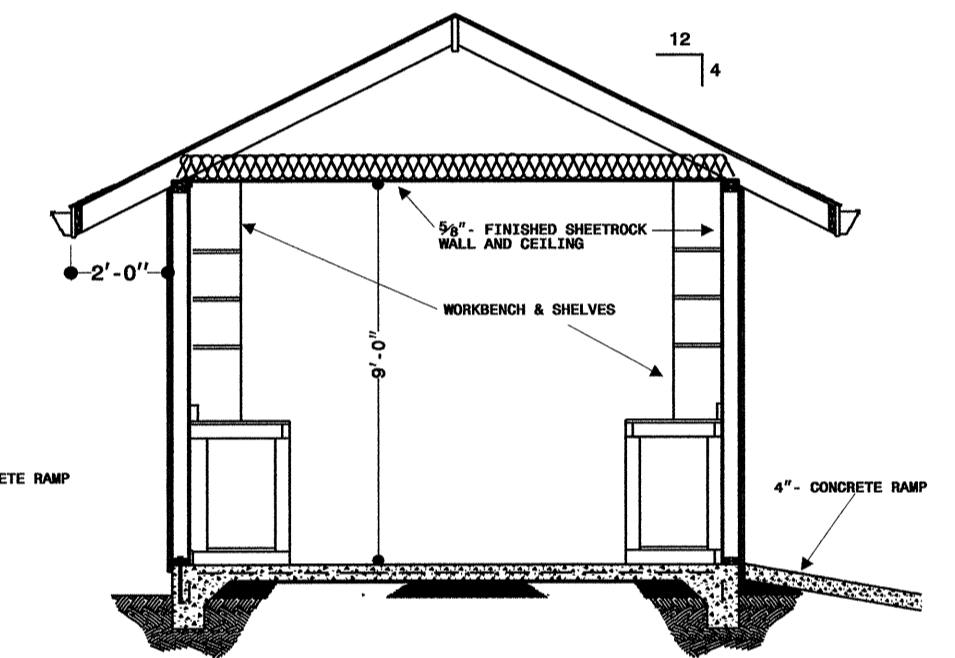
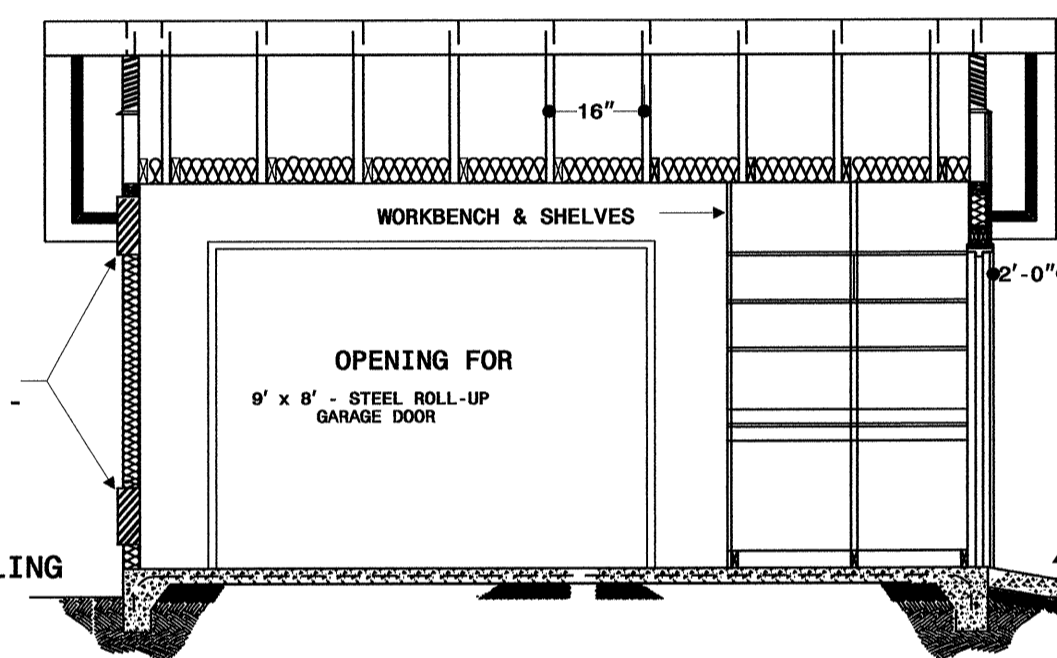
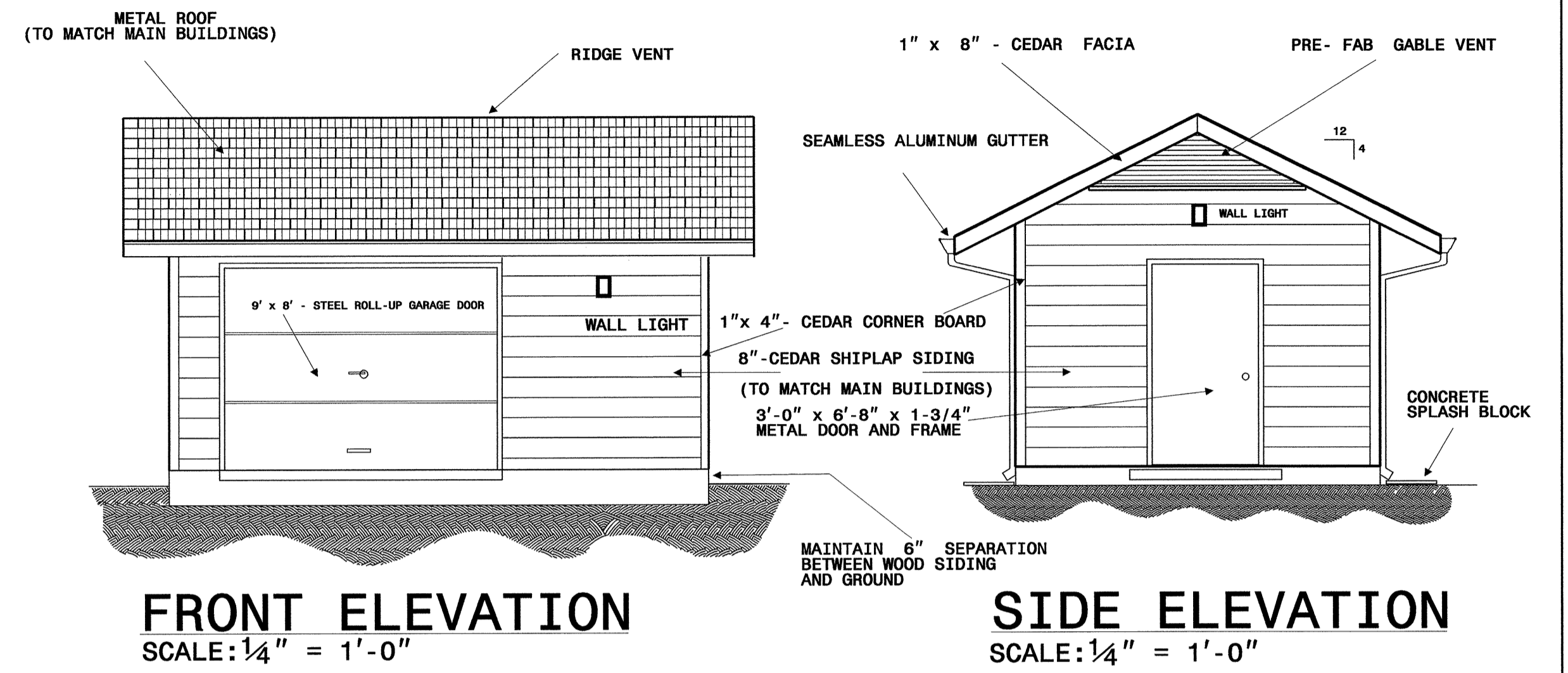


EXTERIOR WALL SECTION
SCALE: 3/4" = 1'-0"

NOTE: TERMITES TREAT SOIL



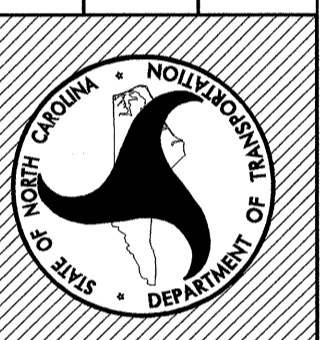
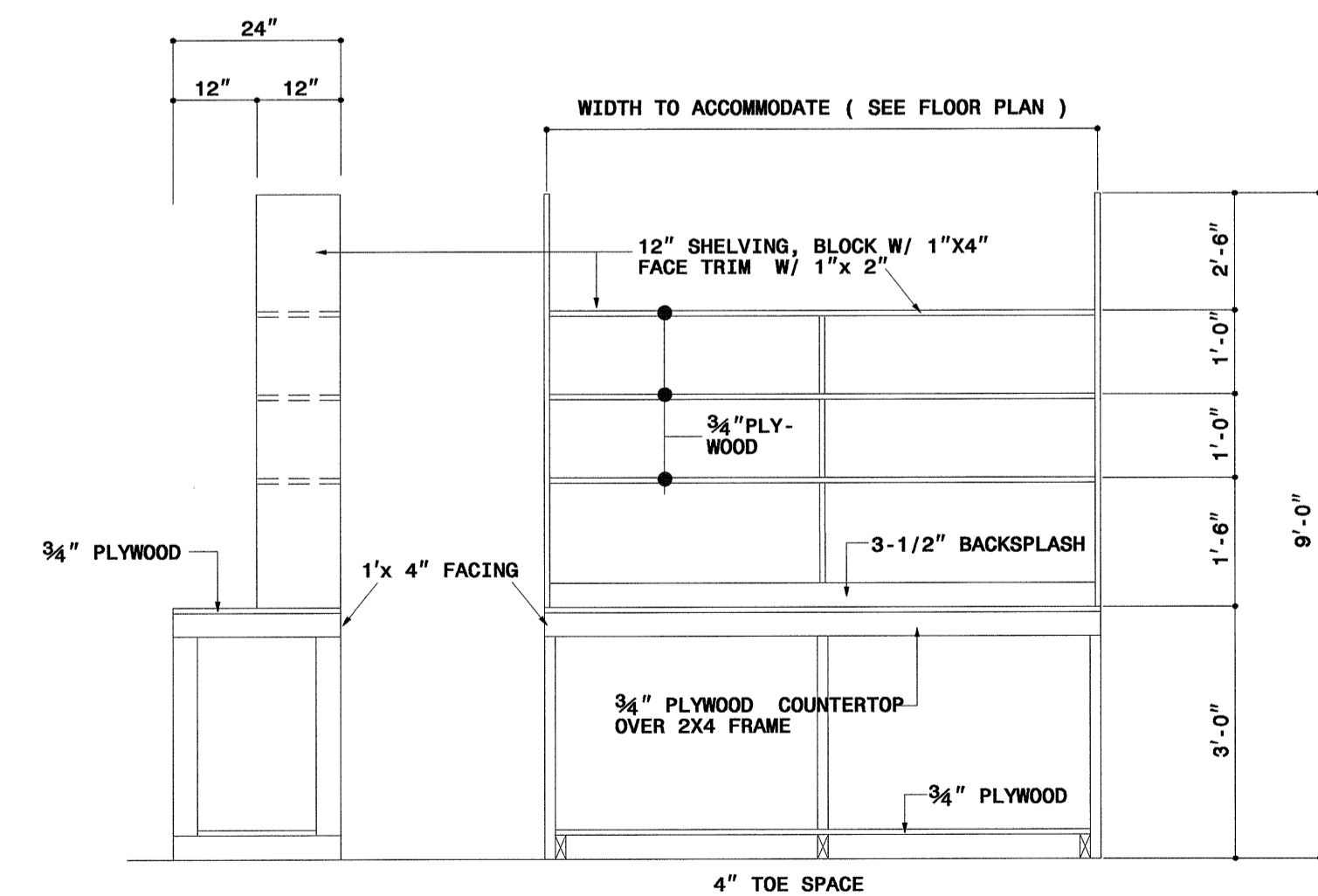
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

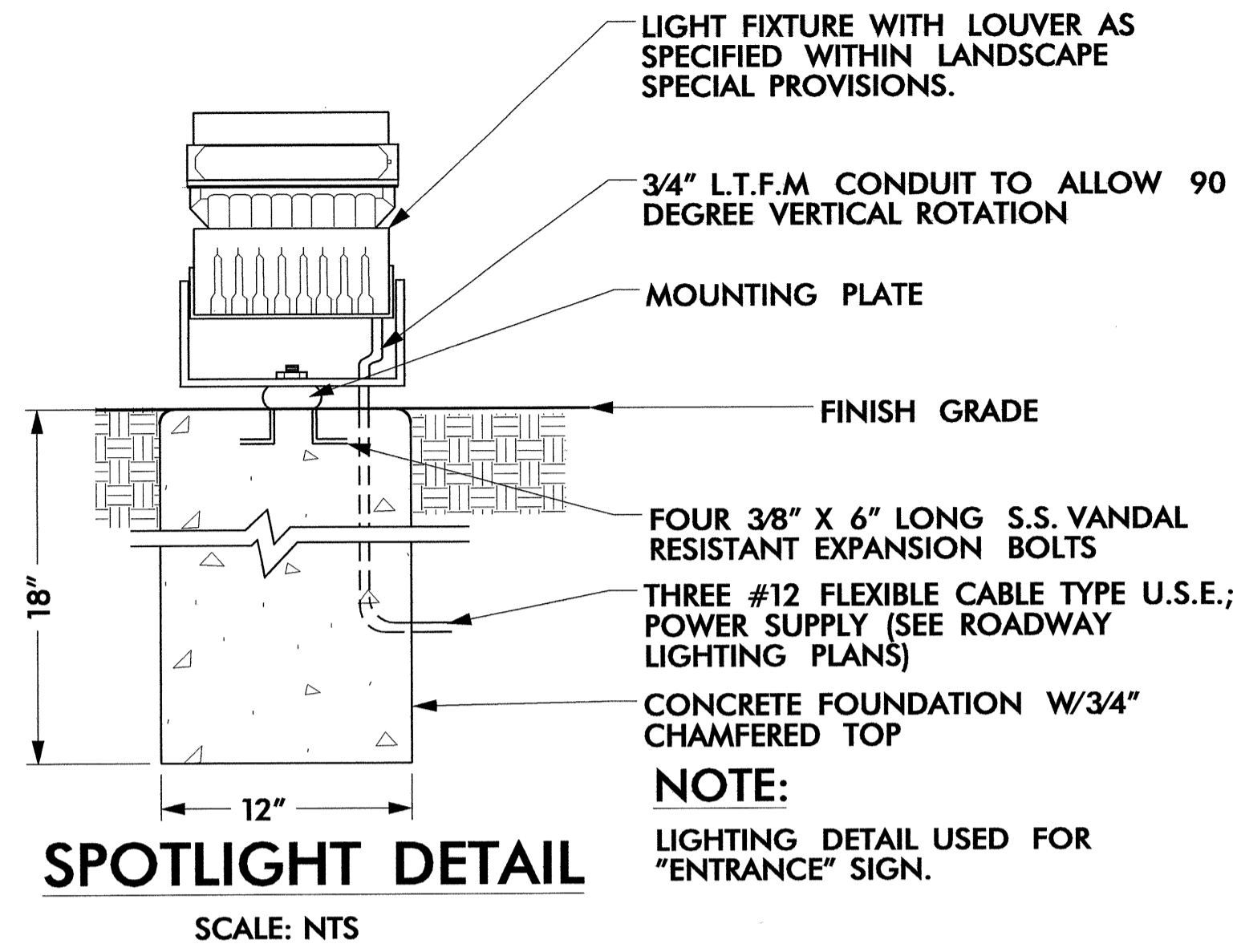


SINGLE PHASE, 3- WIRE, 120/240-V.

SERVING	WIRE	50 AMP MAIN BRK.		WIRE	SERVING
INSIDE LIGHTS	12	20/1	1	20/1	12
GFI RECEPTICAL	12	20/1	3	20/1	12
		20/1	5	20/1	
		20/1	7	20/1	
		20/1	9	20/1	
		20/1	11	20/1	
		20/1	12	20/1	

ELECTRICAL PANEL
100-AMP ENCLOSURE/50-AMP MAIN

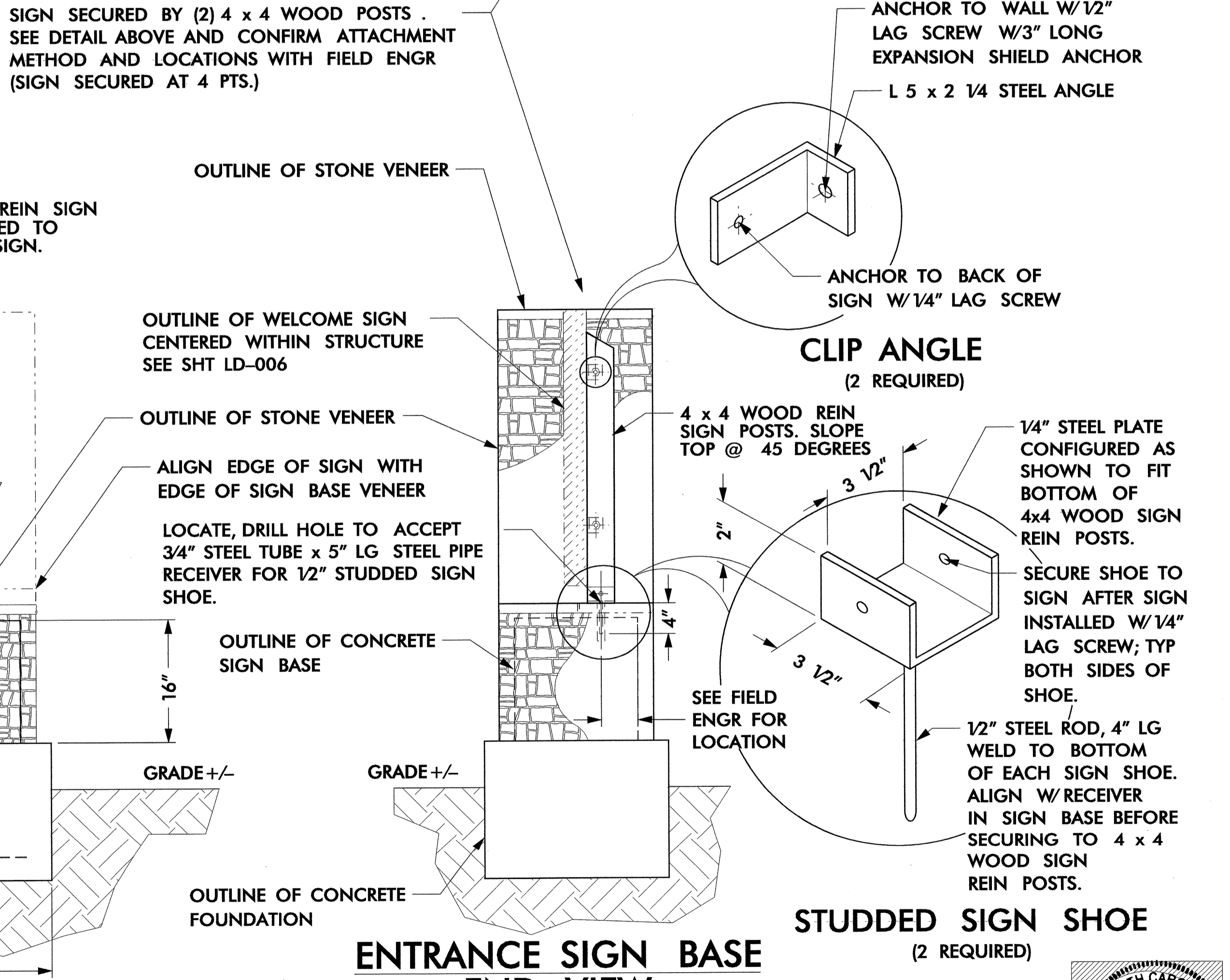
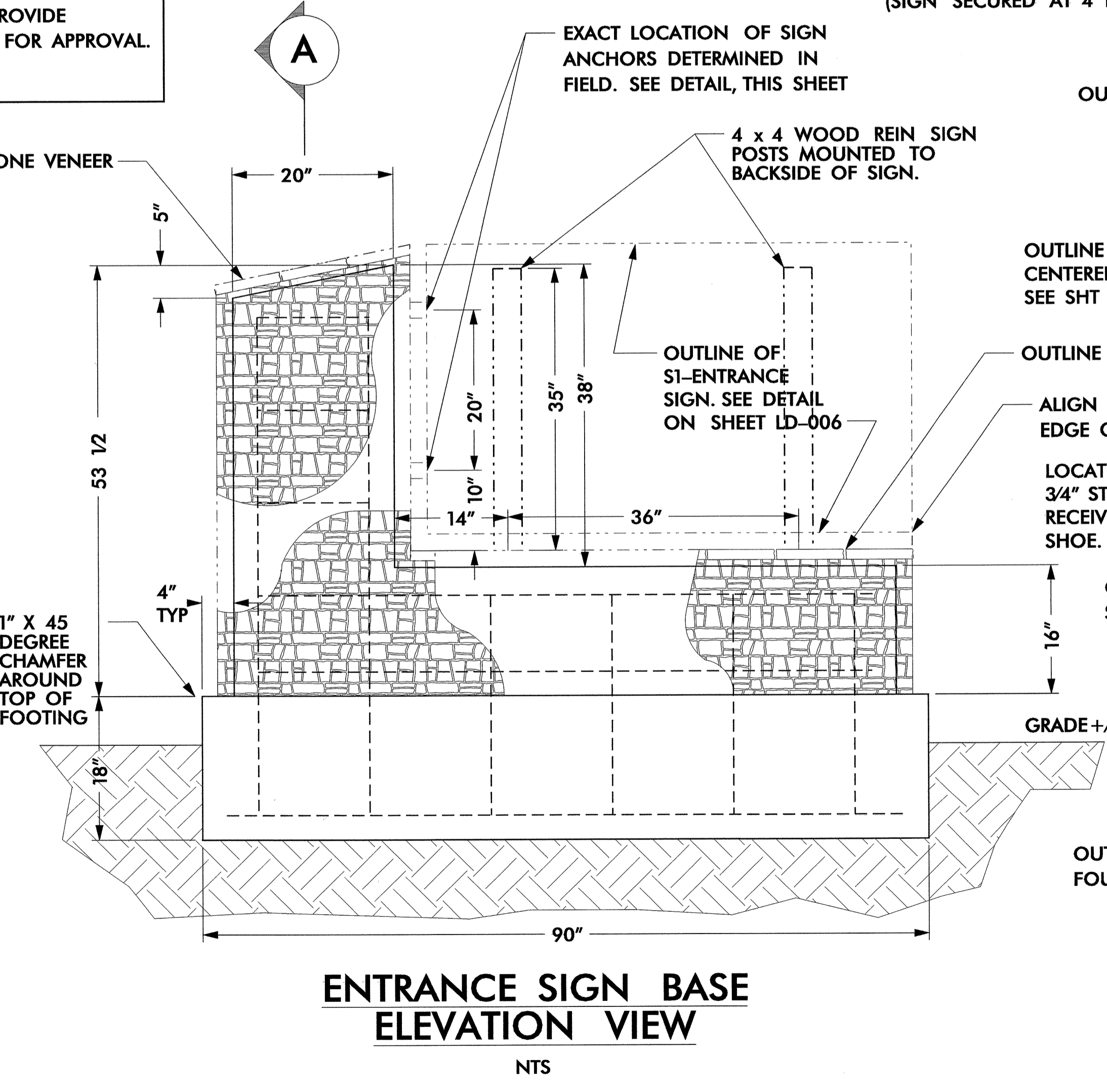
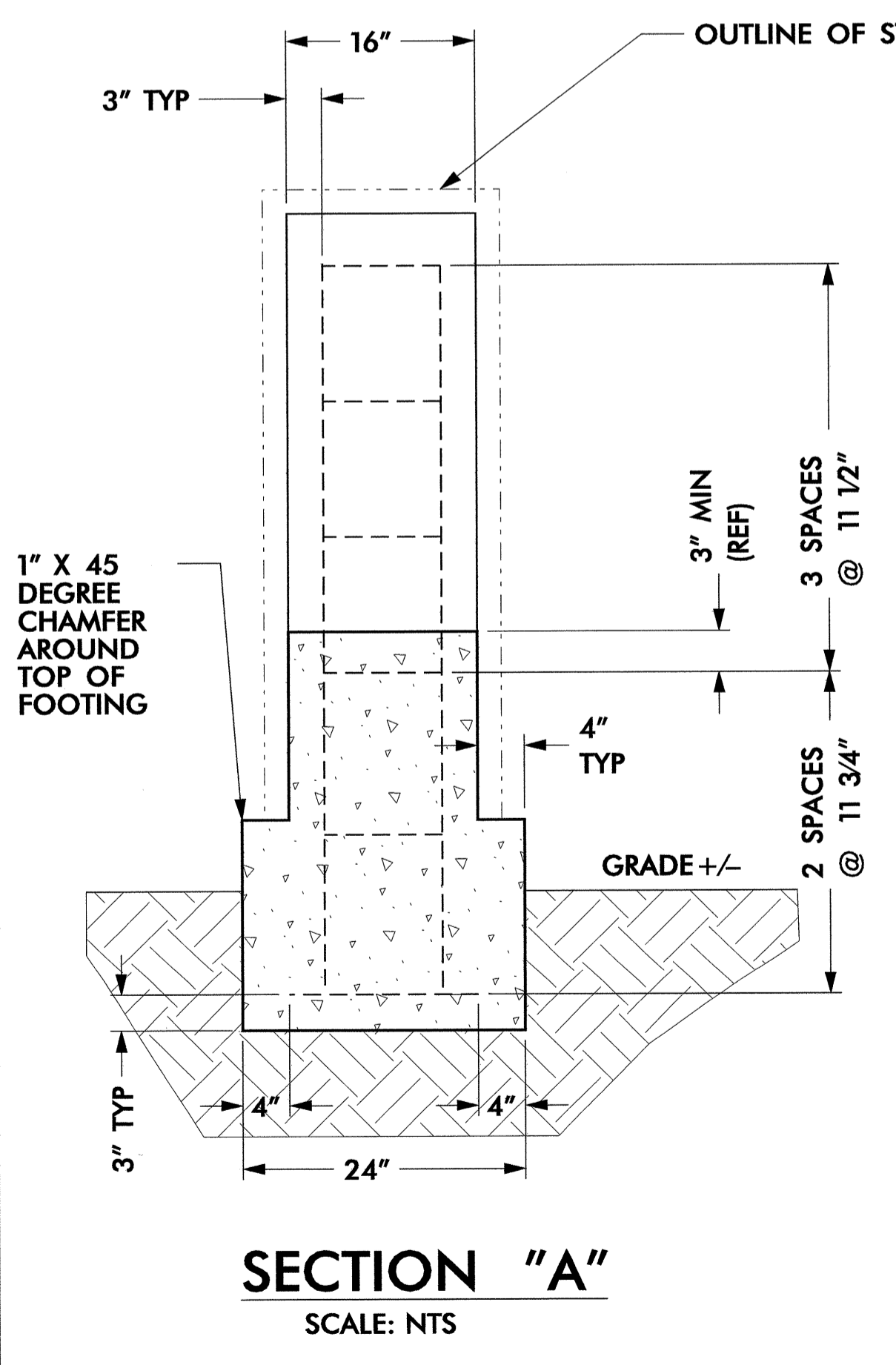
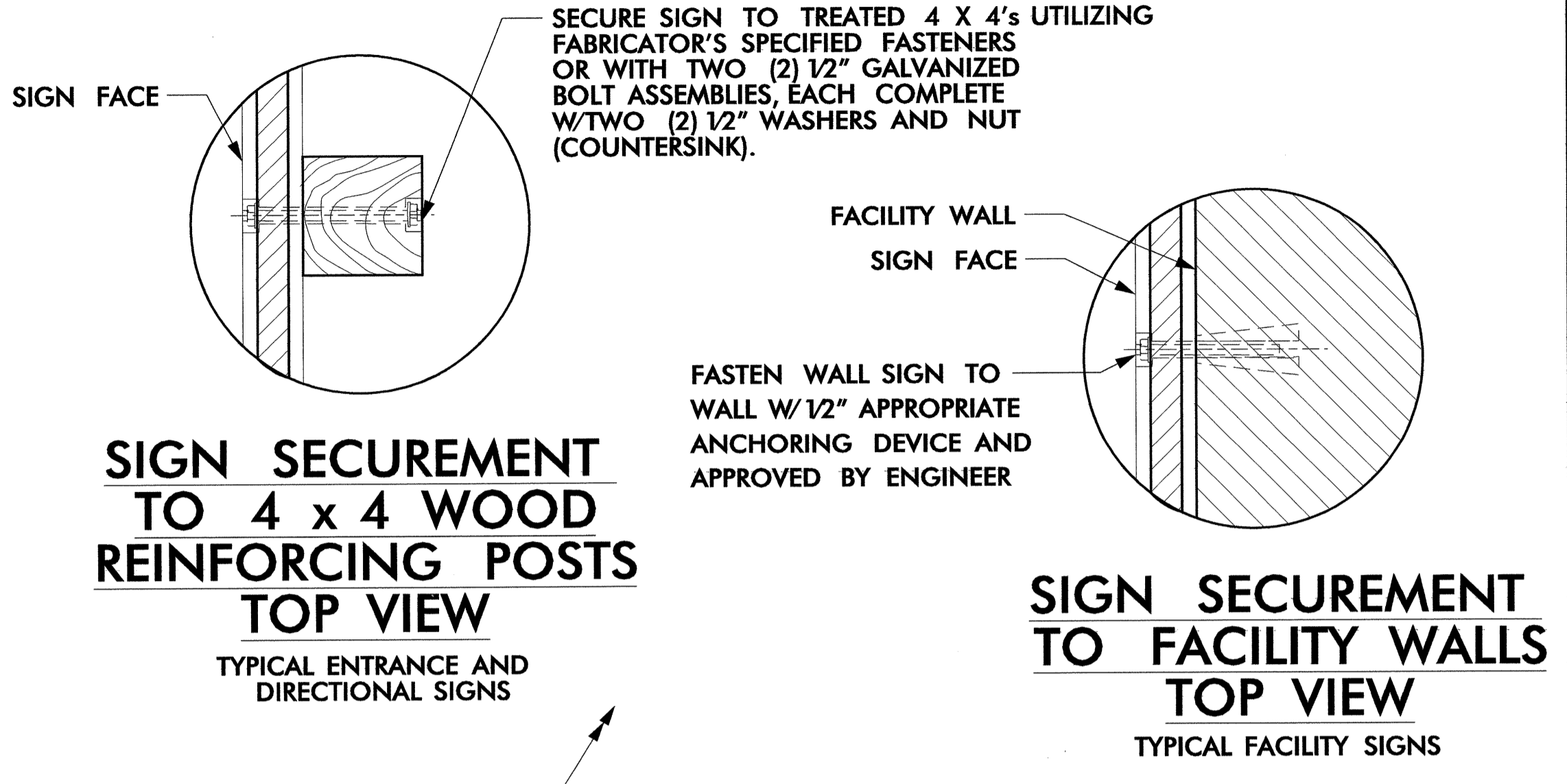


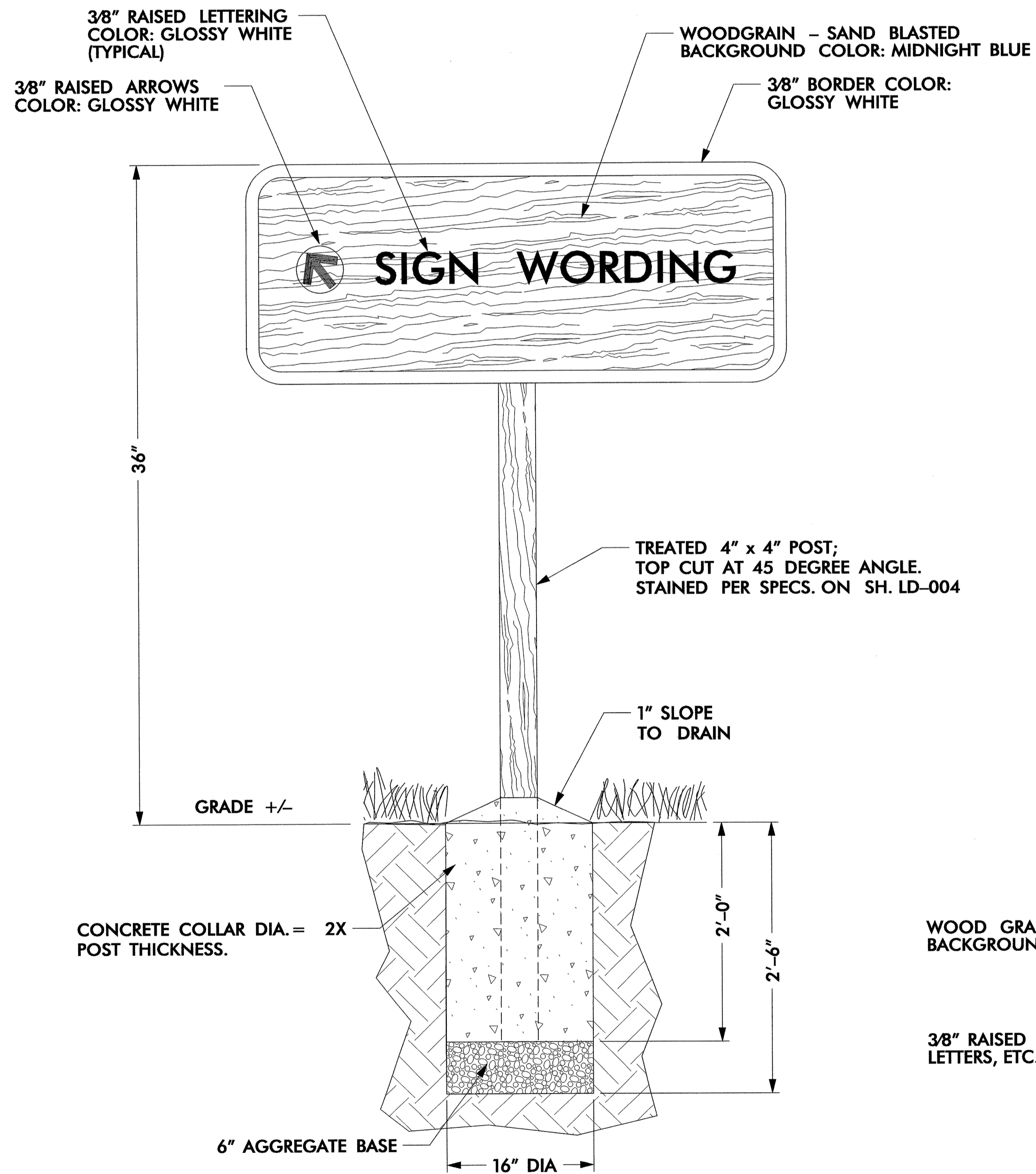


NOTE:
SPOT LIGHT: ADJUSTABLE TILT, GLARE CONTROL, ALUMINUM HOUSING WITH GASKET O-RING SEALED GLASS LENS. PROVIDE WITH 100 WATT METAL HALIDE LAMP, MOUNT ON ALUMINUM GASKET JUNCTION BOX AND PROVIDE PHOTO CELL. SUPPLY CATALOG CUT (6 COPIES) TO ENGINEER FOR APPROVAL. SITE AND ADJUST AS DIRECTED BY ENGINEER.

NOTES:

- 1) PRIOR TO CONSTRUCTION, CONSULT FIELD ENGINEER ON SIGN LOCATION.
- 2) FABRICATOR TO FURNISH INSTRUCTIONS AND ALL HARDWARE FOR MOUNTING SIGNS AS INDICATED ON THESE DETAILS. HARDWARE TO BE PAINTED/STAINED TO MATCH SIGN POST/BACK.
- 3) FINISH THE BACKSIDE OF EACH SIGN AND WOOD POSTS AS SPECIFIED ON SIGN LOCATION PLANS.
- 4) ALL REBARS TO BE #3 REBAR. ALL REBAR INTERSECTIONS TO BE #2 TIES.
- 5) STACK STONE VENEER TO BE THE SAME AS SPECIFIED ON THE REST ROOM AND VISITOR CENTER BLDGS.
- 6) CONCRETE PILLAR & FOOTING TO BE 3000 PSI.

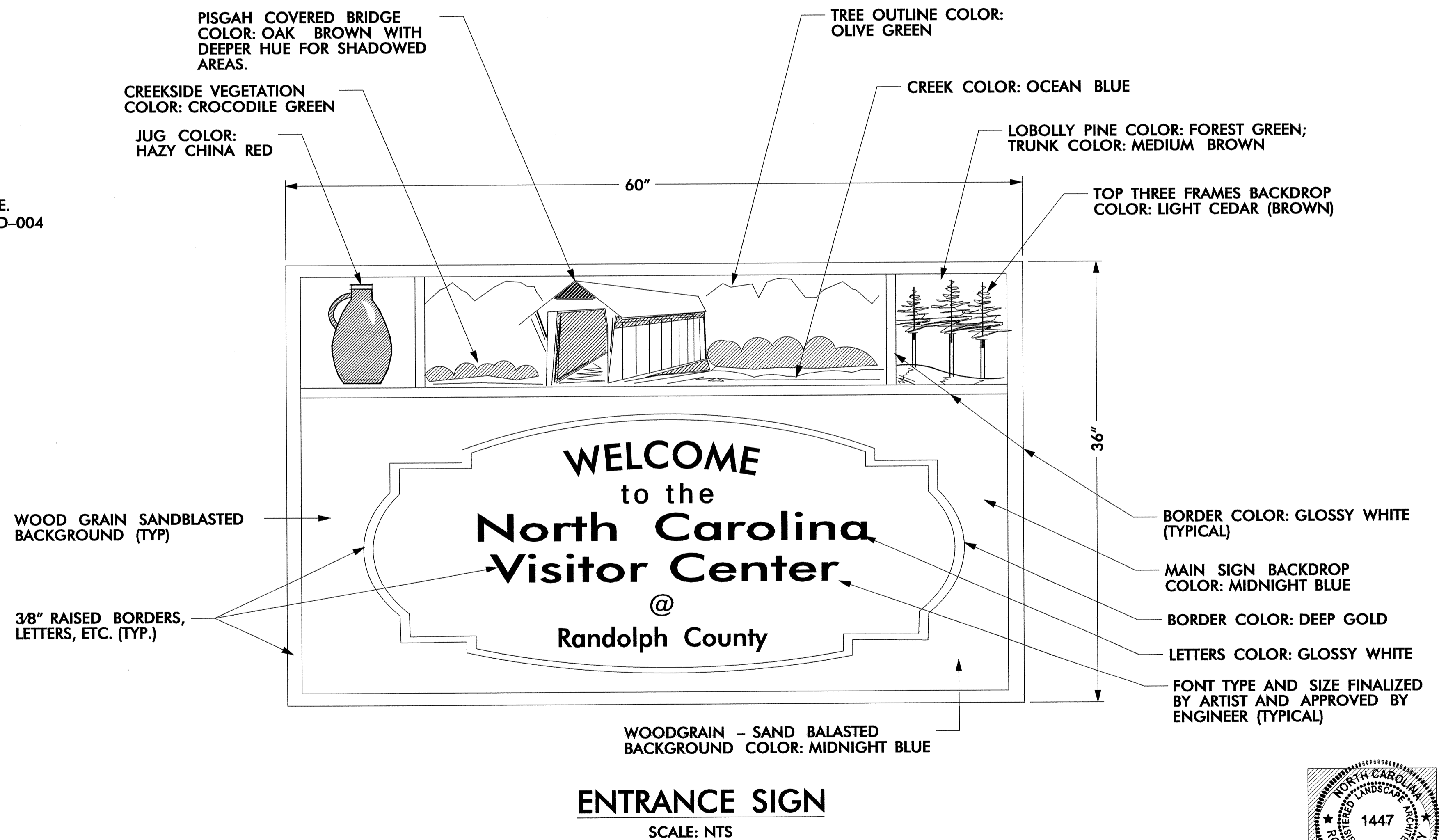




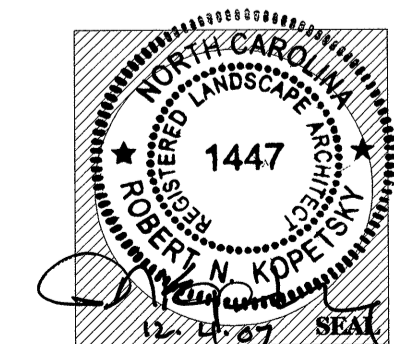
**TYPICAL DIRECTIONAL/FACILITY
SIGN & BASE INSTALLATION DETAILS**
SCALE: NTS

NOTES:

- 1) PRIOR TO FABRICATING SIGN(S), CONTRACTOR TO SUBMIT FONT OPTIONS AND COLOR CHARTS FOR SELECTION. FABRICATOR TO PRODUCE ARTWORK AND SUBMIT FOR APPROVAL. ONCE APPROVED, FABRICATOR SHALL SUBMIT FULL SCALE MOCKUP OF THE ENTRANCE SIGN, ONE DIRECTIONAL SIGN, AND ONE FACILITY SIGN (IN THE ACTUAL DIMENSIONS SPECIFIED).
- 2) ARTWORK AND LETTER SIZES SHOWN ARE APPROXIMATE. FABRICATOR TO ADJUST AS APPROPRIATE.
- 3) BACKGROUND TO BE SANDBLASTED. LETTERS, BORDER, AND ART TO BE RAISED WITH MINIMUM 3/8" RELIEF. RELIEF DEPTH MAY VARY WITH COMPLEXITY OF SIGN ART AND LETTERING.
- 4) APPLY STAIN FINISH ON BACKSIDE OF EACH SIGN AND ON ALL WOOD POSTS.
- 5) FABRICATOR TO FURNISH INSTRUCTIONS AND MOUNTING HARDWARE FOR ALL SIGNS.
- 6) FIELD ENGINEER SHALL BE CONSULTED PRIOR TO SIGN INSTALLATIONS.
- 7) SIGNS TO BE SECURED TO POST OR FACILITY WALL AS PER DETAILS.



ENTRANCE SIGN
SCALE: NTS



North Carolina Department of Transportation

Roadside Environmental Unit

Landscape Design & Development Section

PROJECT TITLE:
**Randolph Co. Visitor Center
& Rest Area
I-7374 (US 220)**

Plans Drawn By:
BK/dal

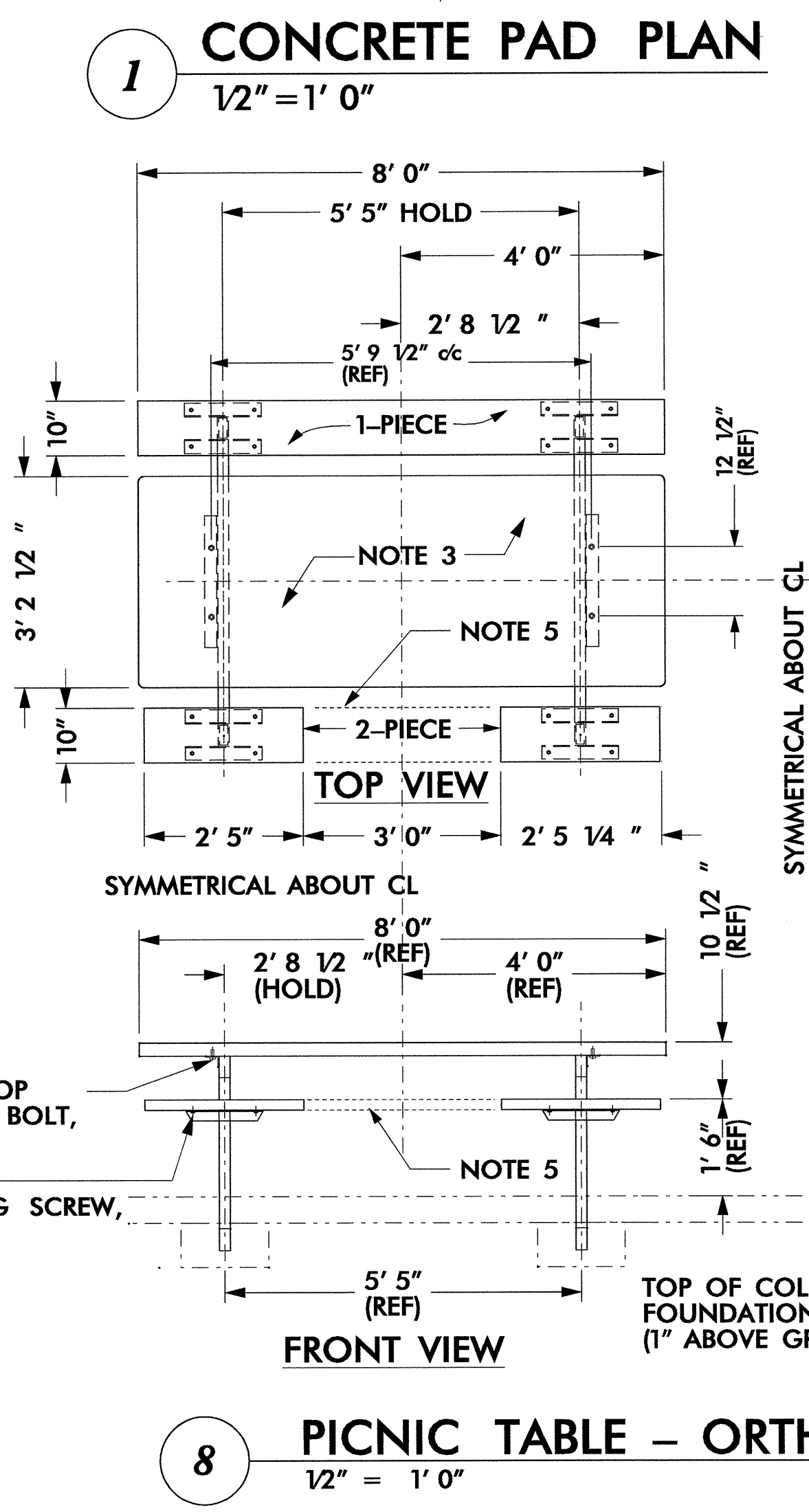
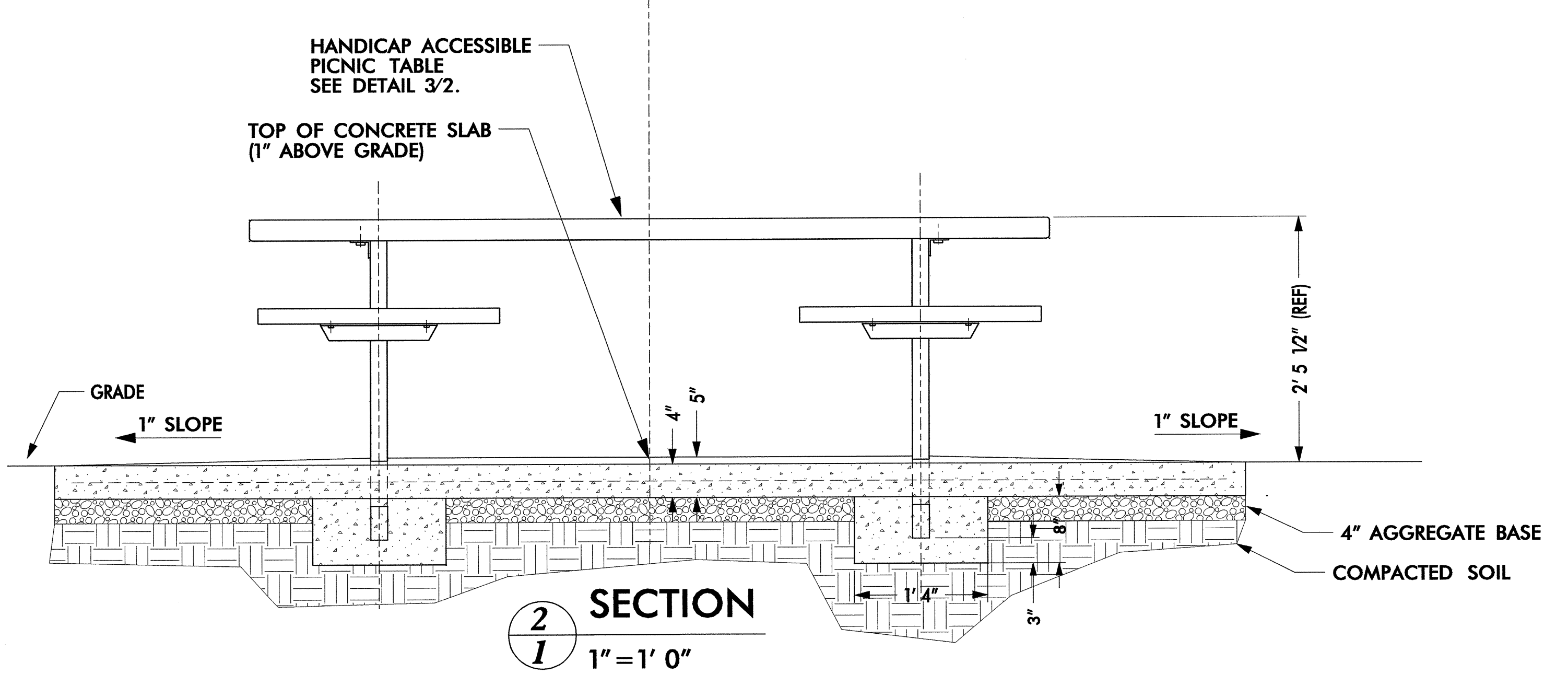
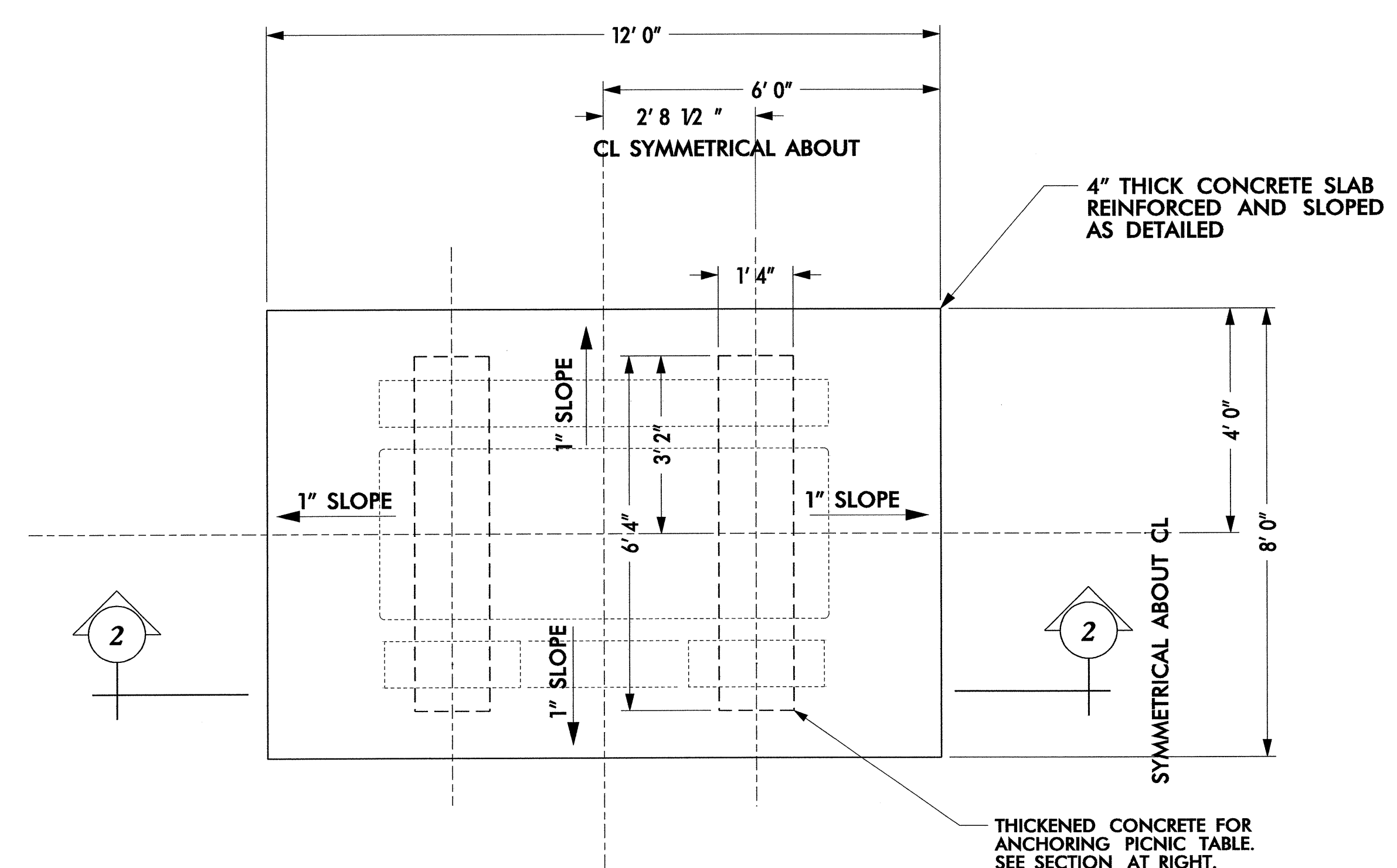
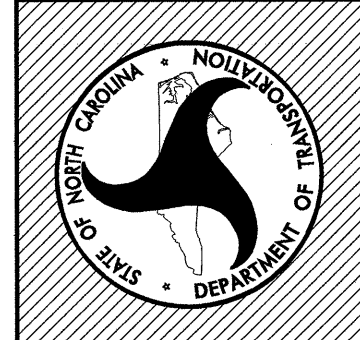
Scale:
AS NOTED

Date:
- - -

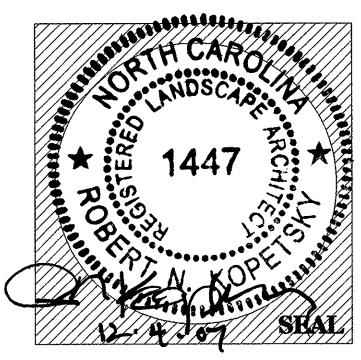
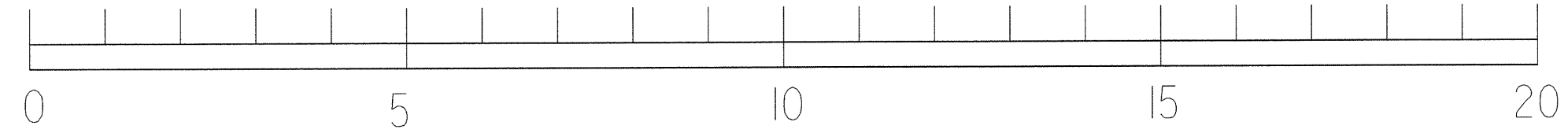
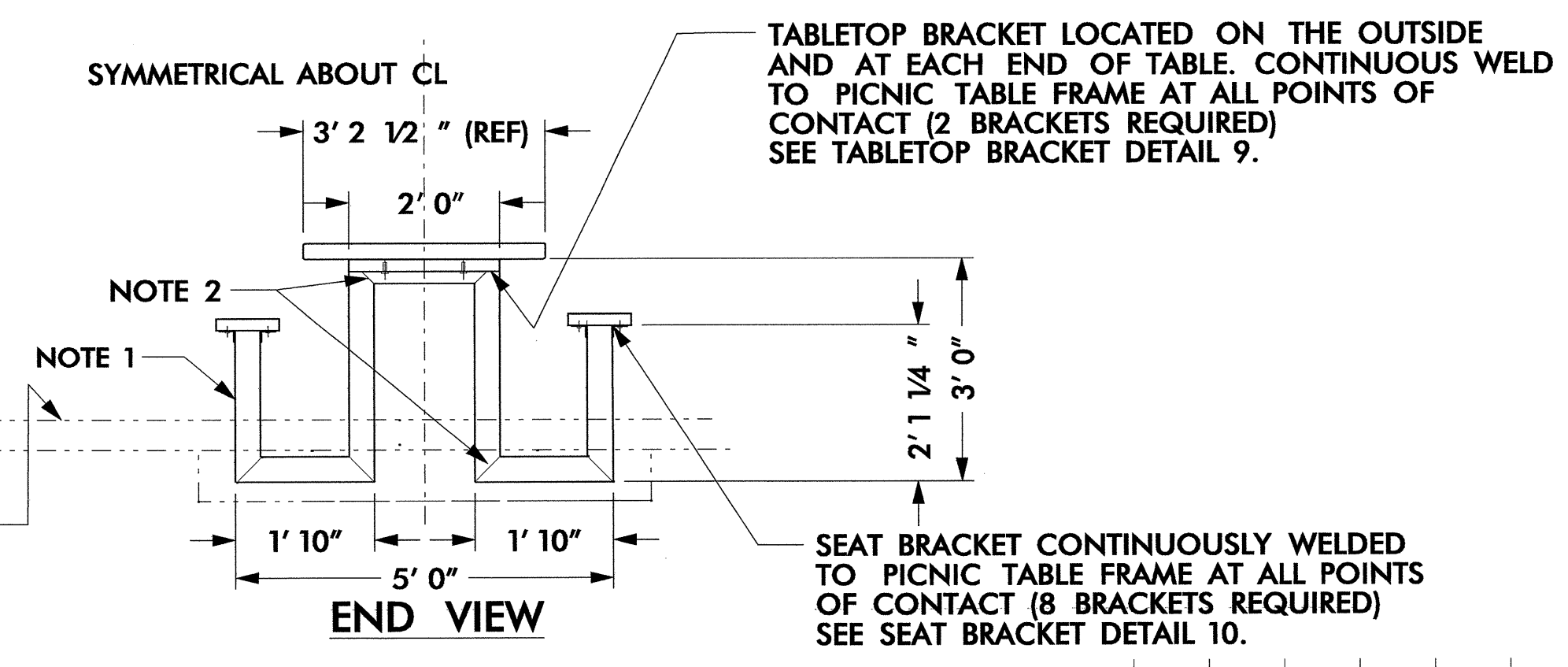
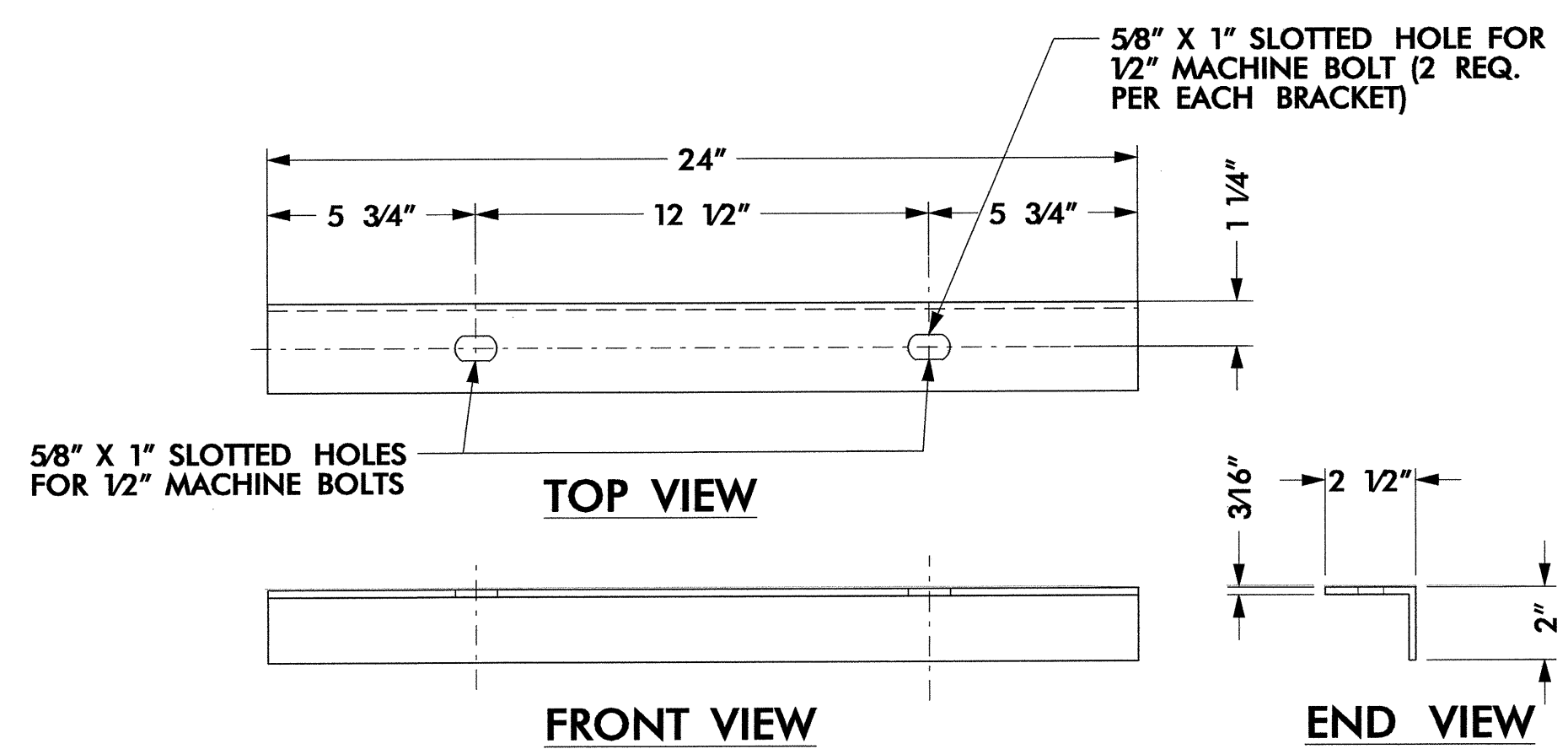
Sheet Description:
**SIGN
DETAILS**

T.I.P. #:
K - 3807

Sheet #:
LD-006



- NOTE:
 1) TUBULAR PICNIC TABLE FRAME SHALL BE 2" x 4" x 1/4" RECTANGULAR STEEL TUBING.
 2) MITER ALL CORNERS, CONTINUOUS WELD ALL CONNECTIONS AND GRIND SMOOTH. (TYP ALL TUBULAR FRAMING AND STEEL ANGLES).
 3) PICNIC TABLETOP SHALL BE PRECAST TERRAZZO. SPECIFICATION SHALL BE THE SAME AS (OR EQUAL TO) SAMPLE #061217-1, AS SUPPLIED BY PRECAST TERRAZZO ENTERPRIZES, INC., 1107 N. NEW HOPE ROAD, RALEIGH, NC, 27610. TELE: 800.849.8849/919.231-6200, EXT 105
 4) ELECTRICAL OUTLET TO BE INSTALLED AS DESIGNATED ON SITE UTILITY PLAN. OUTLET TO BE TWO GANG, DEEP, WEATHERPROOF OUTLET BOX WITH TWO GANG WEATHERPROOF COVER AND TWO GFI RECEPTACLES. ELECTRICAL CONDUIT TO BE 1" RIGID GALVANIZED THROUGH CONCRETE. GALVANIZED/PVC TRANSITION POINT TO BE UNDERGROUND. RUN UNDERGROUND CONDUIT TO POWER SOURCE PER SITE UTILITY PLAN.
 5) NON-HANDICAP TABLE REQUIRES ONE (1) PIECE SEAT ON BOTH SIDES OF TABLE. HANDICAP TABLE REQUIRES TWO (2) PIECE SEAT ON ONE SIDE OF TABLE. ORIENT 2-PIECE SEAT ADJACENT TO 4" CONCRETE ACCESS PAD SHOWN ON SITE PLAN.



NOTES:

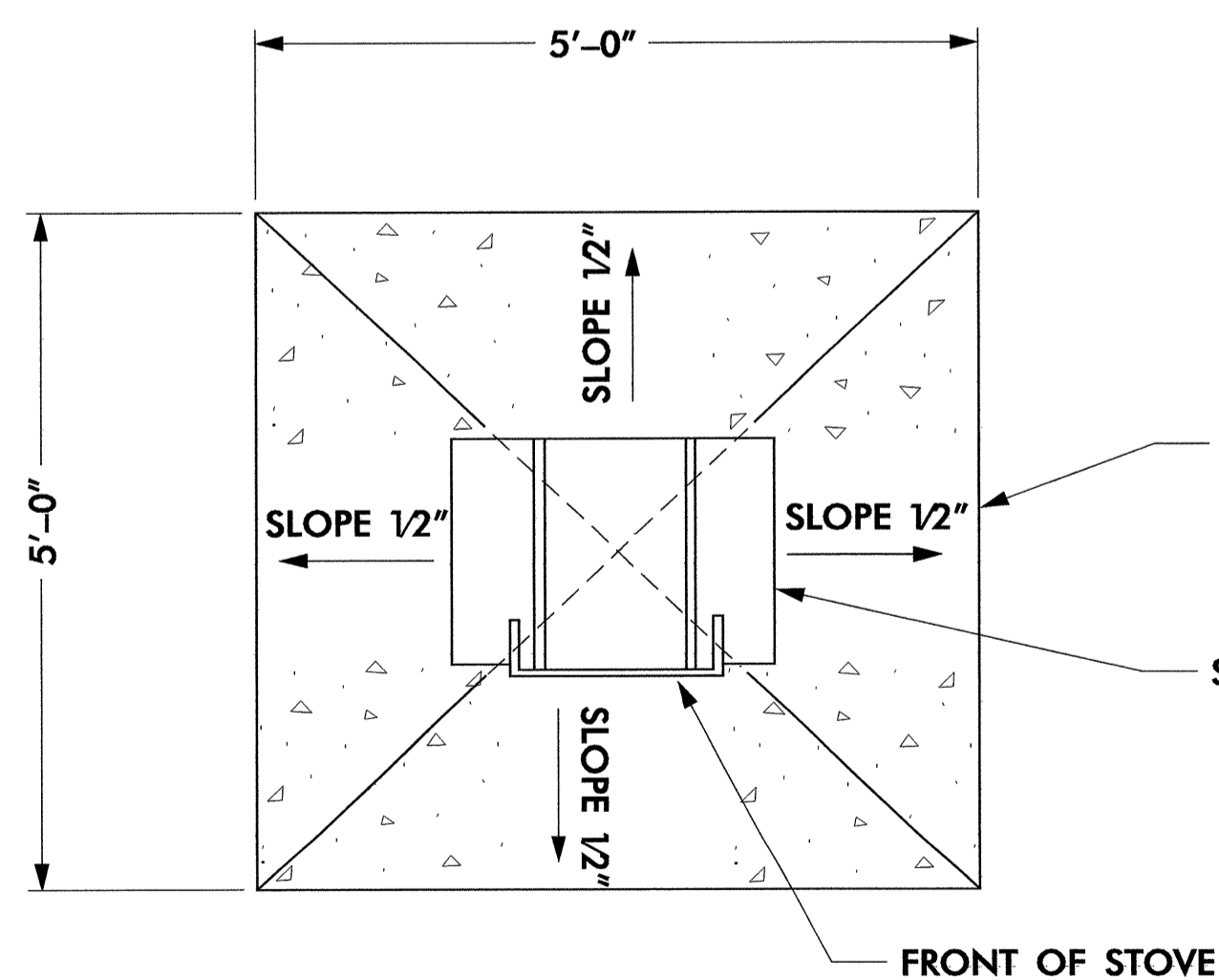
1) PARK STOVE TO CONSIST OF A FABRICATED STEEL UNIT WITH GRILL COOKING AREAS, SIDE PLATES FOR HOLDING UTENSILS, SMOKESTACKS, AND MOUNTED ON A STEEL PIPE. THE GRILLING SECTION TO CONSIST OF BARS WELDED 1/2" APART, NON-MOVABLE WITH STAY-COOL HANDLE FOR RAISING AND LOWERING.

2) CONTRACTOR TO VERIFY SITE CONDITIONS AND GRADES PRIOR TO CONSTRUCTION, AND TO NOTIFY ENGINEER OF ANY SIGNIFICANT DISCREPANCIES.

3) THE STOVE TO BE APPROXIMATELY 8 1/2" IN HEIGHT, 14" IN WIDTH, 24" IN LENGTH WITH SMOKE STACK (3" WIDE x 6" HIGH) AND TO BE EQUIPPED WITH STEEL SIDE PLATES (8" x 24"). THE COOKING/GRILLING AREA IS APPROXIMATELY 294 SQUARE INCHES. THE ASSEMBLY TO BE DESIGNED FOR BURNING EITHER WOOD OR CHARCOAL. IT MUST BE MADE TO SWIVEL 360 DEGREES AND CONTAIN A CONCEALED LOCKING DEVICE FOR PREVENTION OF VANDELISM.

4) THE PARK STOVE TO BE IN ACCORDANCE WITH DETAILS SHOWN ON THIS DRAWING.

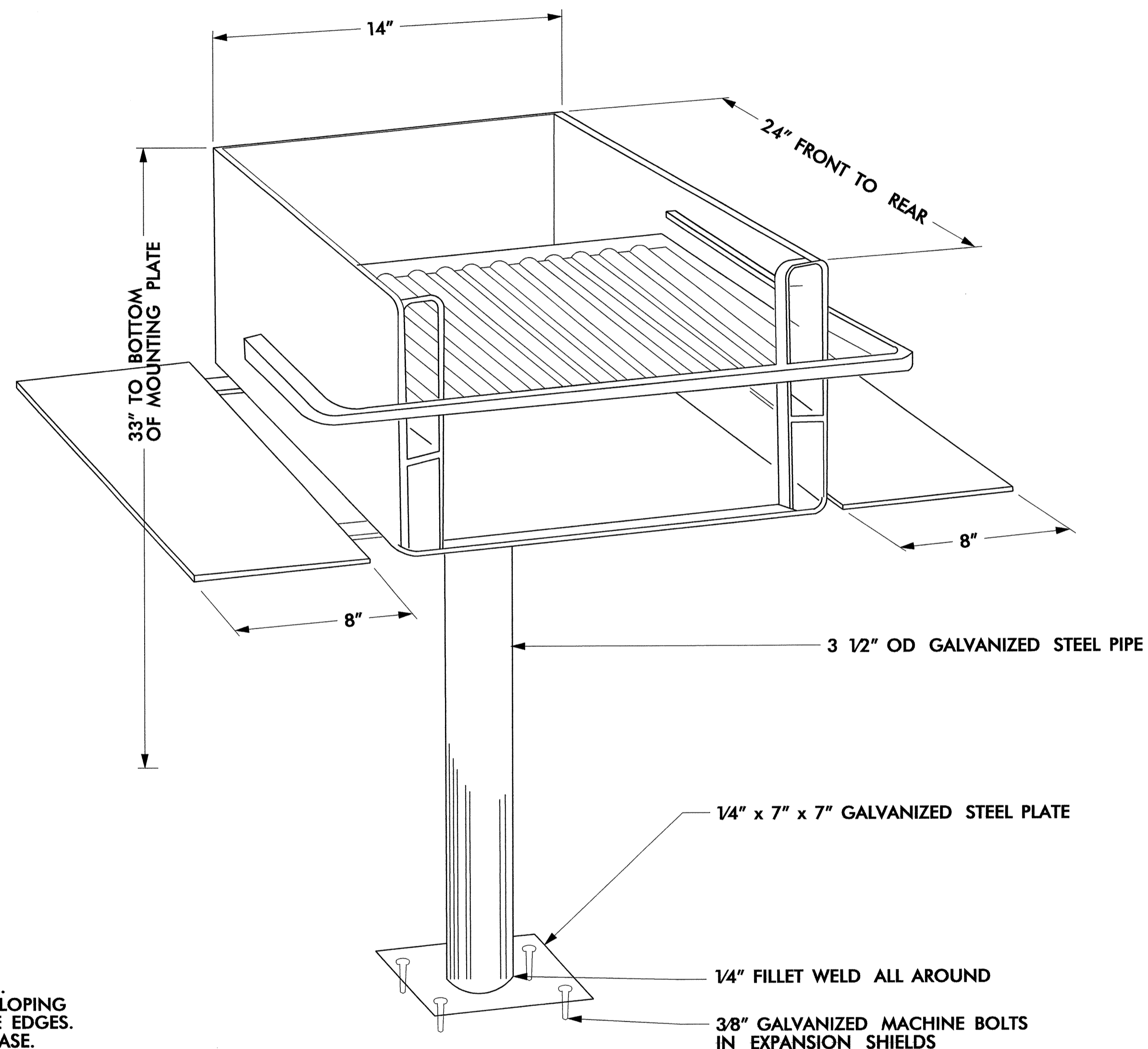
5) FINISH: HIGH HEAT RESISTANT ALUMINUM PAINT.



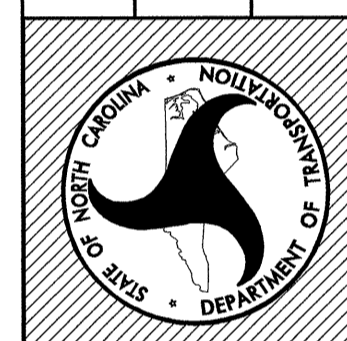
PLAN VIEW
SCALE: NTS

CLASS B CONCRETE TROWELED SMOOTH. SLAB TO BE 4 1/2" THICK AT CENTER, SLOPING DOWN 1/2", AND 4" THICK AT ALL SIDE EDGES. SLABA MUST BEAR ON 4" AGGREGATE BASE. SLABA TO CLEAR FINISHED GRADE 1/2".

STOVE



PERSPECTIVE VIEW
SCALE: NTS

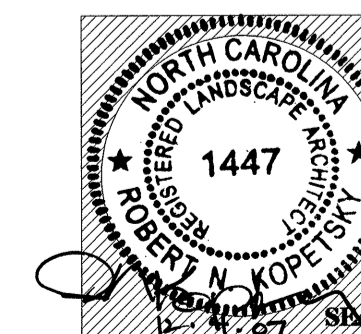


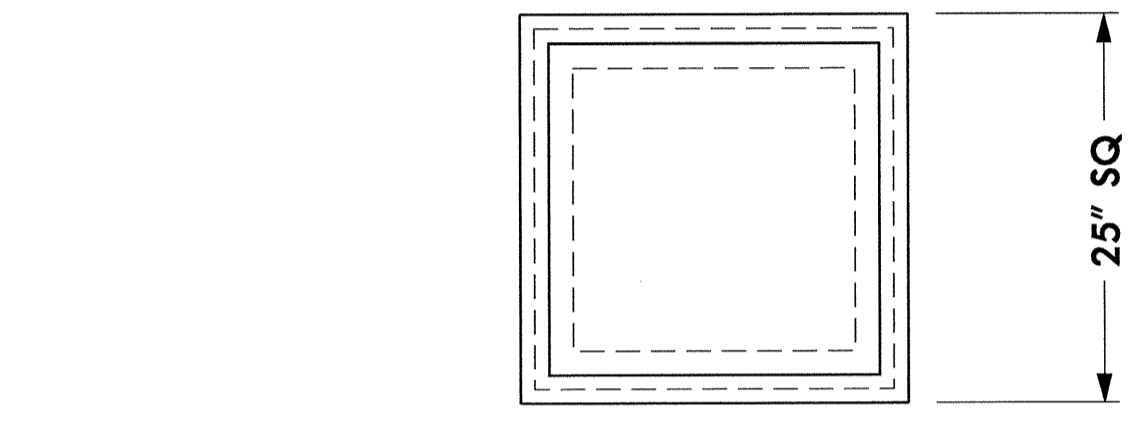
PROJECT TITLE:
**Randolph Co. Visitor Center
& Rest Area
I-7374 (US 220)**

Plans Drawn By:
BK/dal
Scale
AS NOTED
Date
- - -
Sheet Description

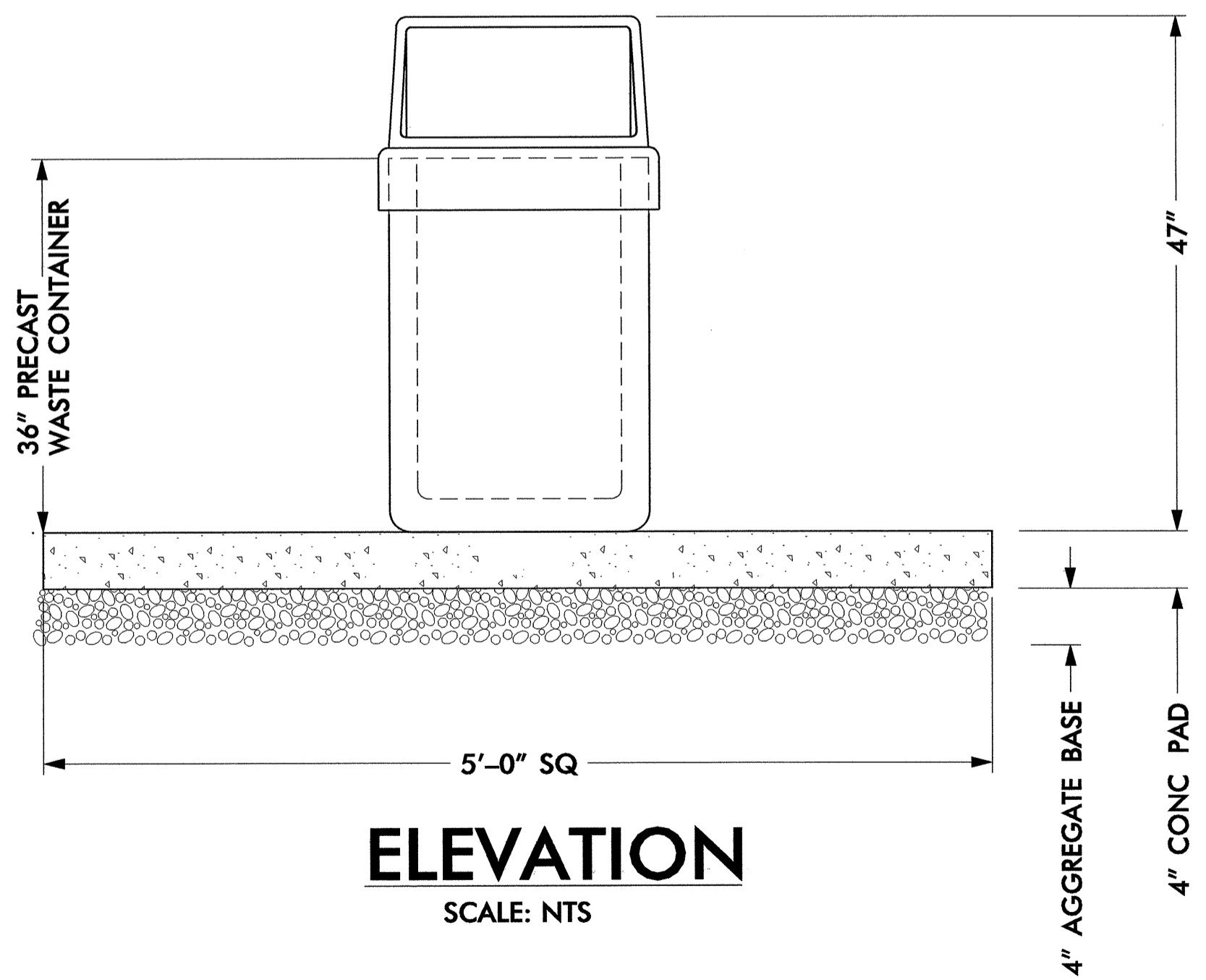
PARK STOVE

T.I.P. #
K - 3807
Sheet #
LD-008





TOP VIEW
SCALE: NTS

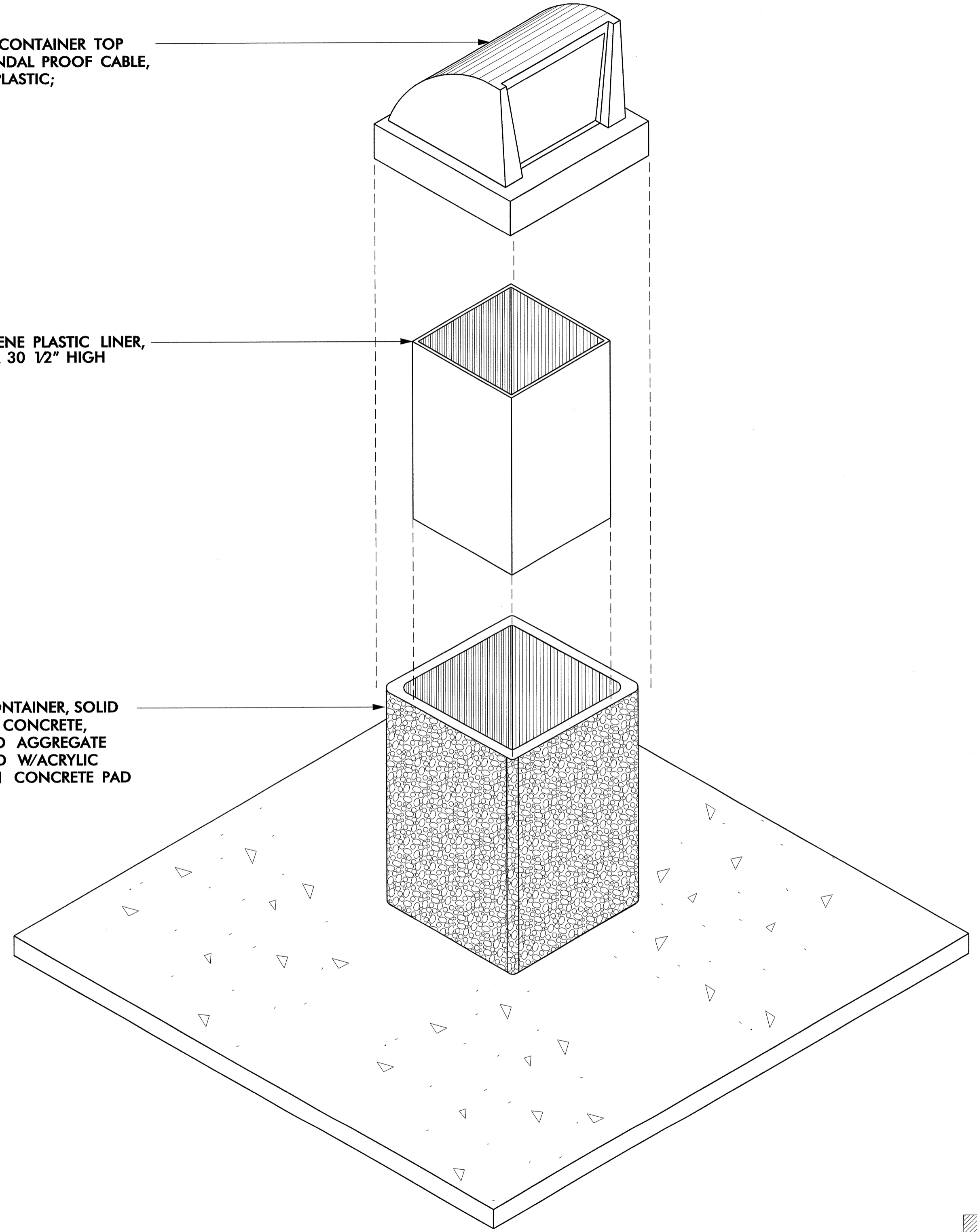


ELEVATION
SCALE: NTS

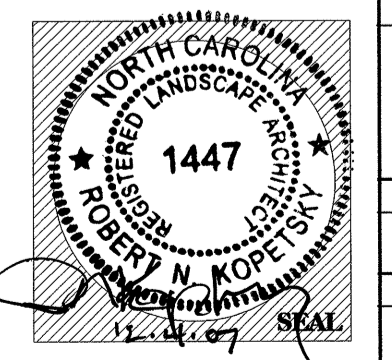
REMOVABLE WASTE CONTAINER TOP
SECURED WITH VANDAL PROOF CABLE,
GRAY RECYCLABLE PLASTIC;
FADE RESISTANT.

RIDGID POLYETHYLENE PLASTIC LINER,
GREY, 19 5/8" SQ x 30 1/2" HIGH

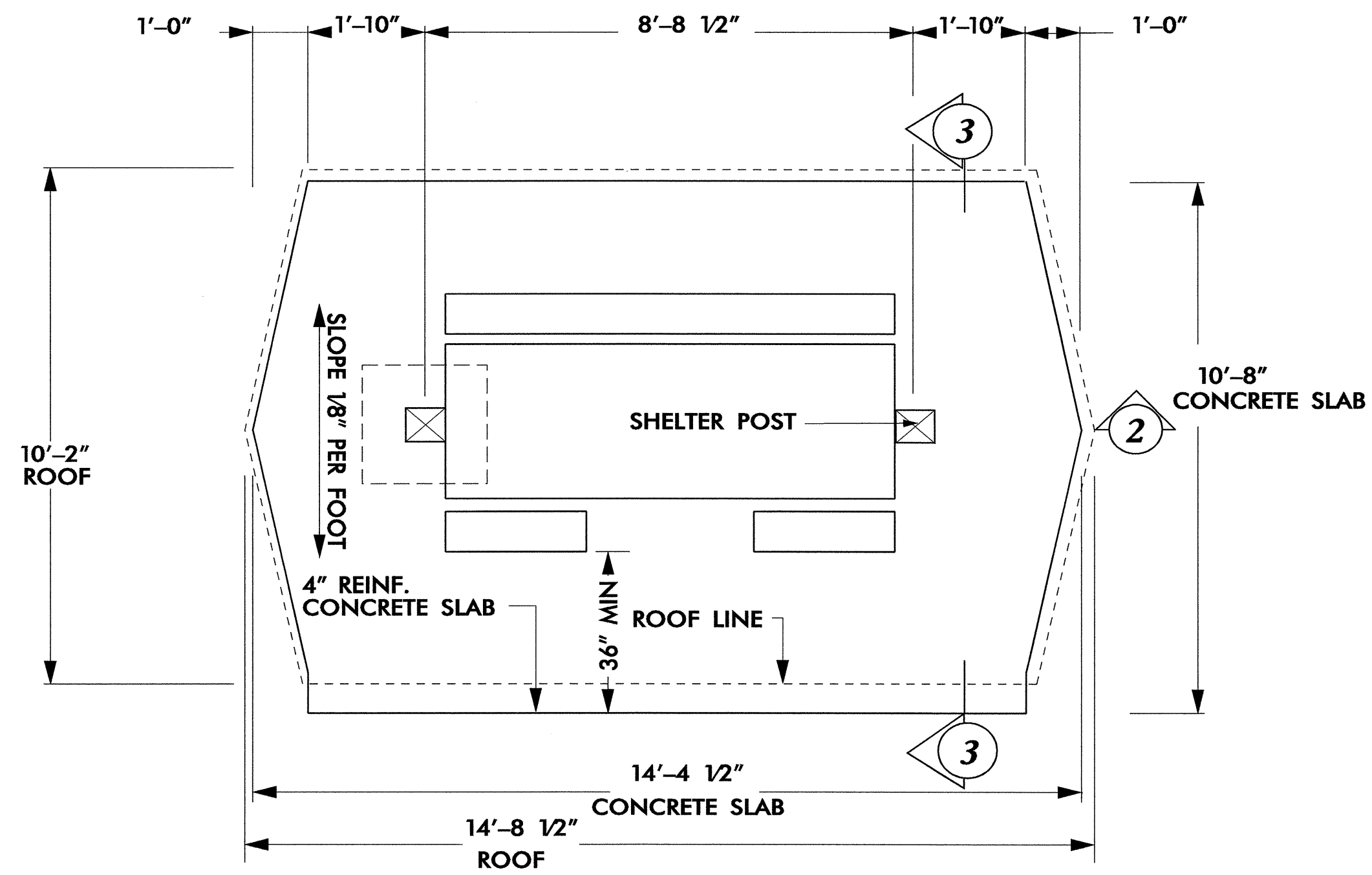
PRECAST WASTE CONTAINER, SOLID
STEEL-REINFORCED CONCRETE,
BLUE-GREY-EXPOSED AGGREGATE
FINISH PROTECTED W/ACRYLIC
SEALER, MOUNT ON CONCRETE PAD



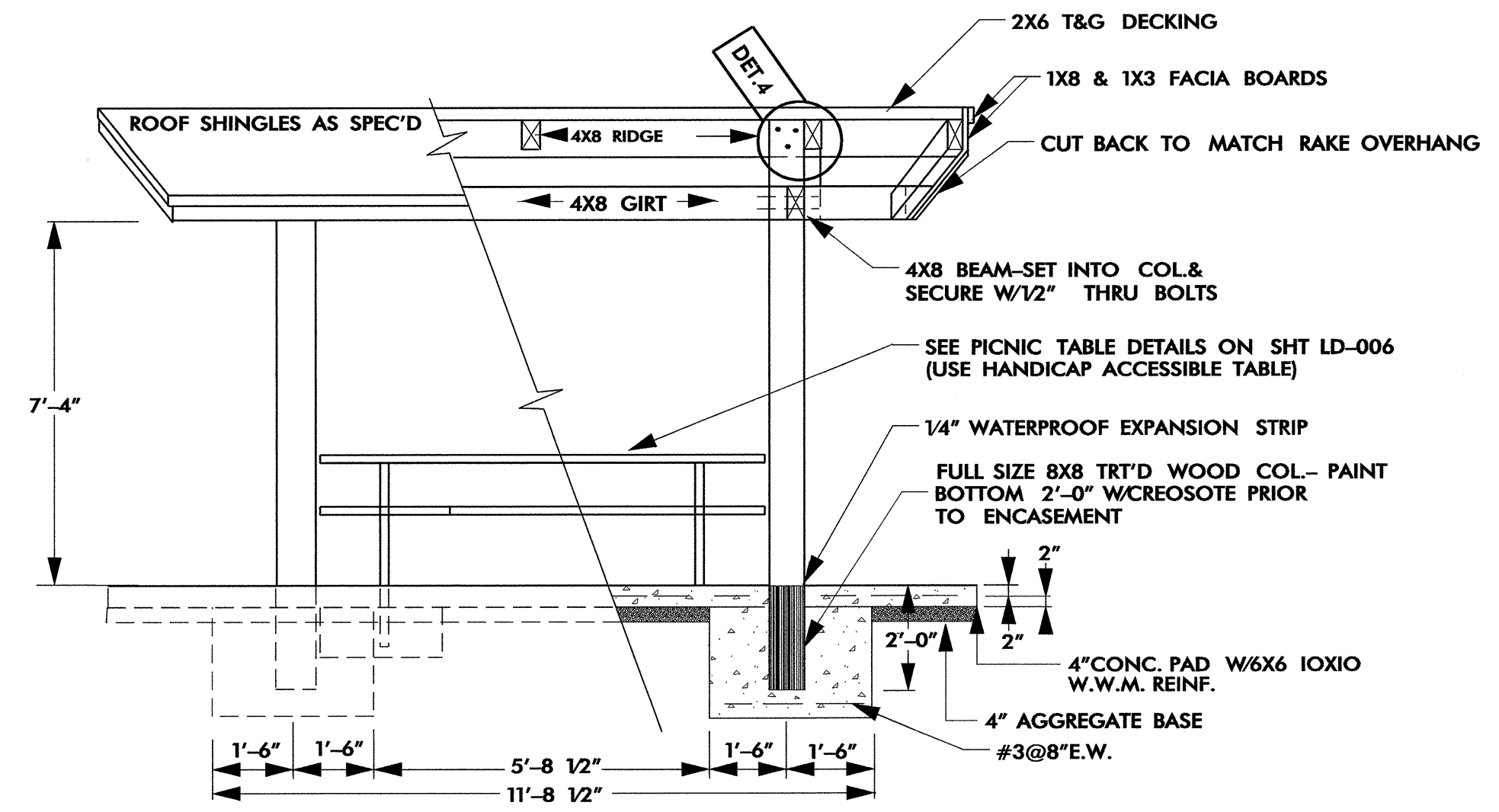
ISOMETRIC
SCALE: NTS



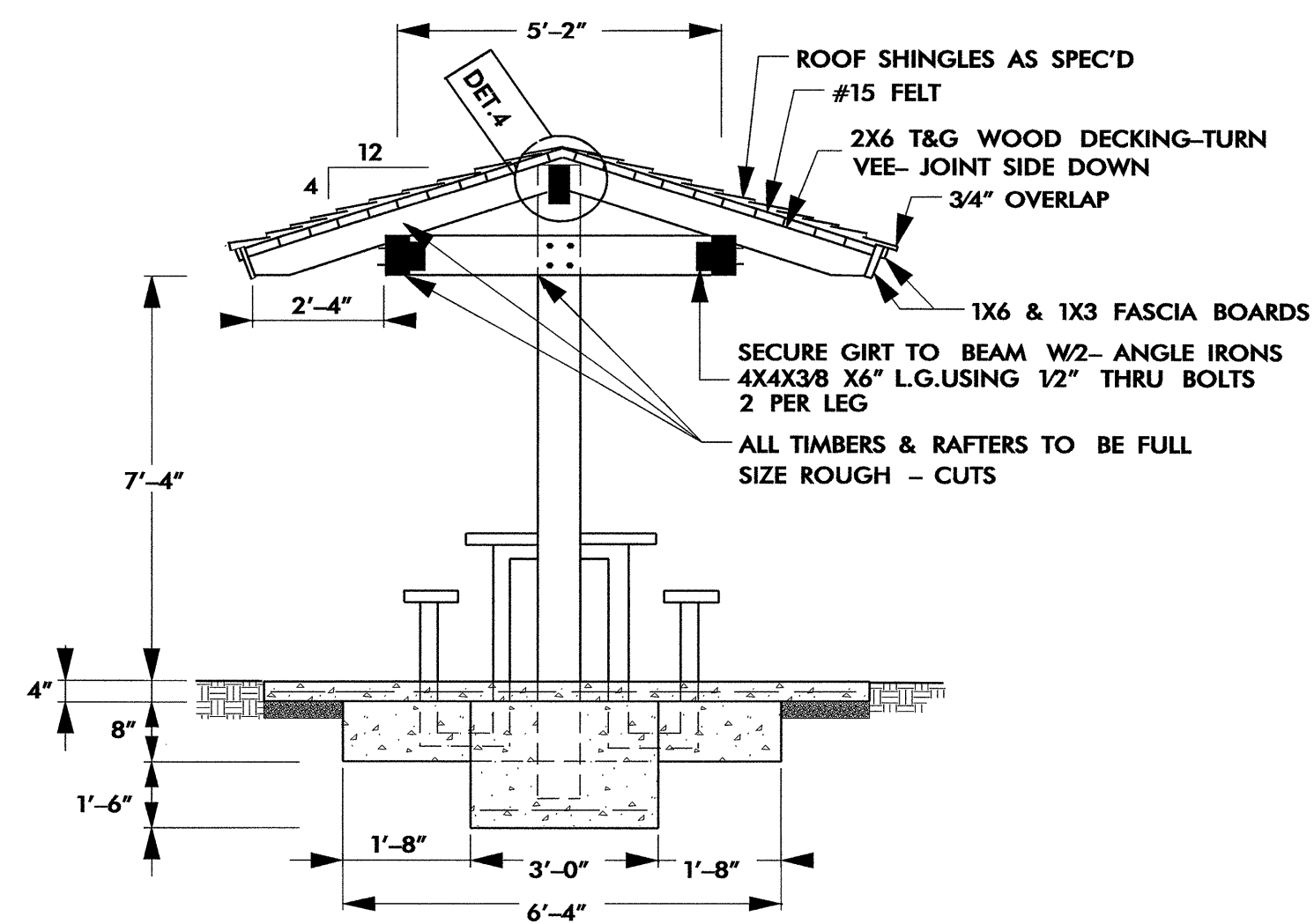
 North Carolina Department of Transportation Roadside Environmental Unit Landscape Design & Development Section	
PROJECT TITLE : Randolph Co. Visitor Center & Rest Area I-7374 (US 220)	
Plans Drawn By:	BK/dal
Scale	AS NOTED
Date	- / - / -
Sheet Description	WASTE CONTAINER -PRECAST-
T.I.P. #	K - 3807
Sheet #	LD-009



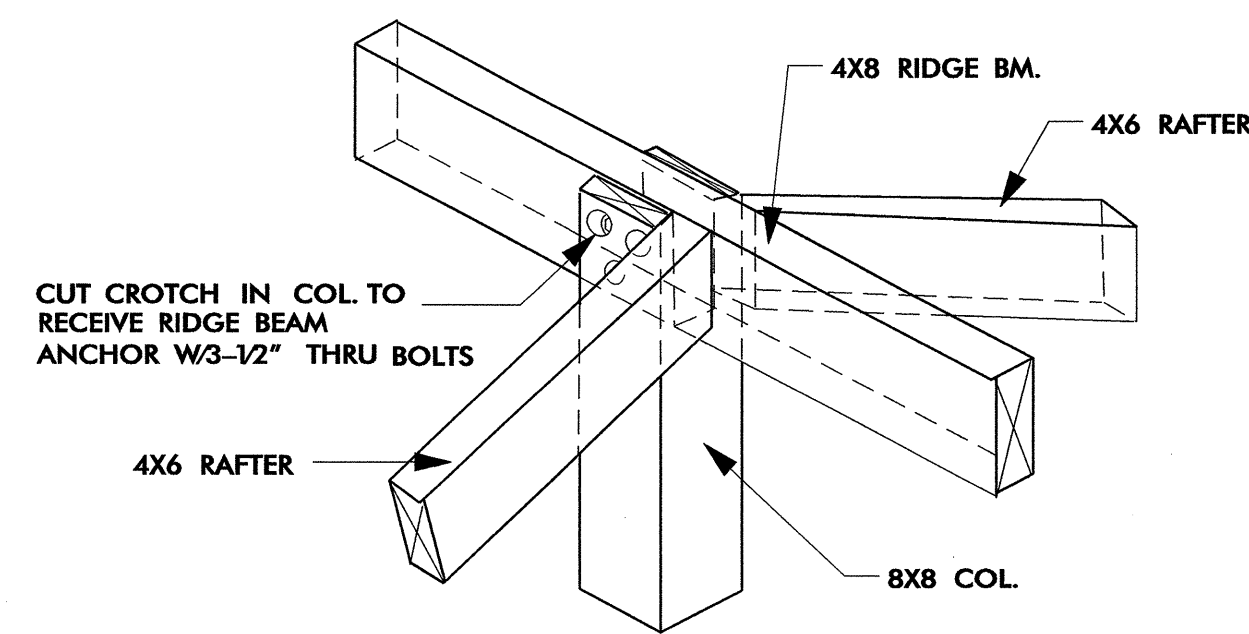
1 CONC PAD & ROOF PLAN
NTS



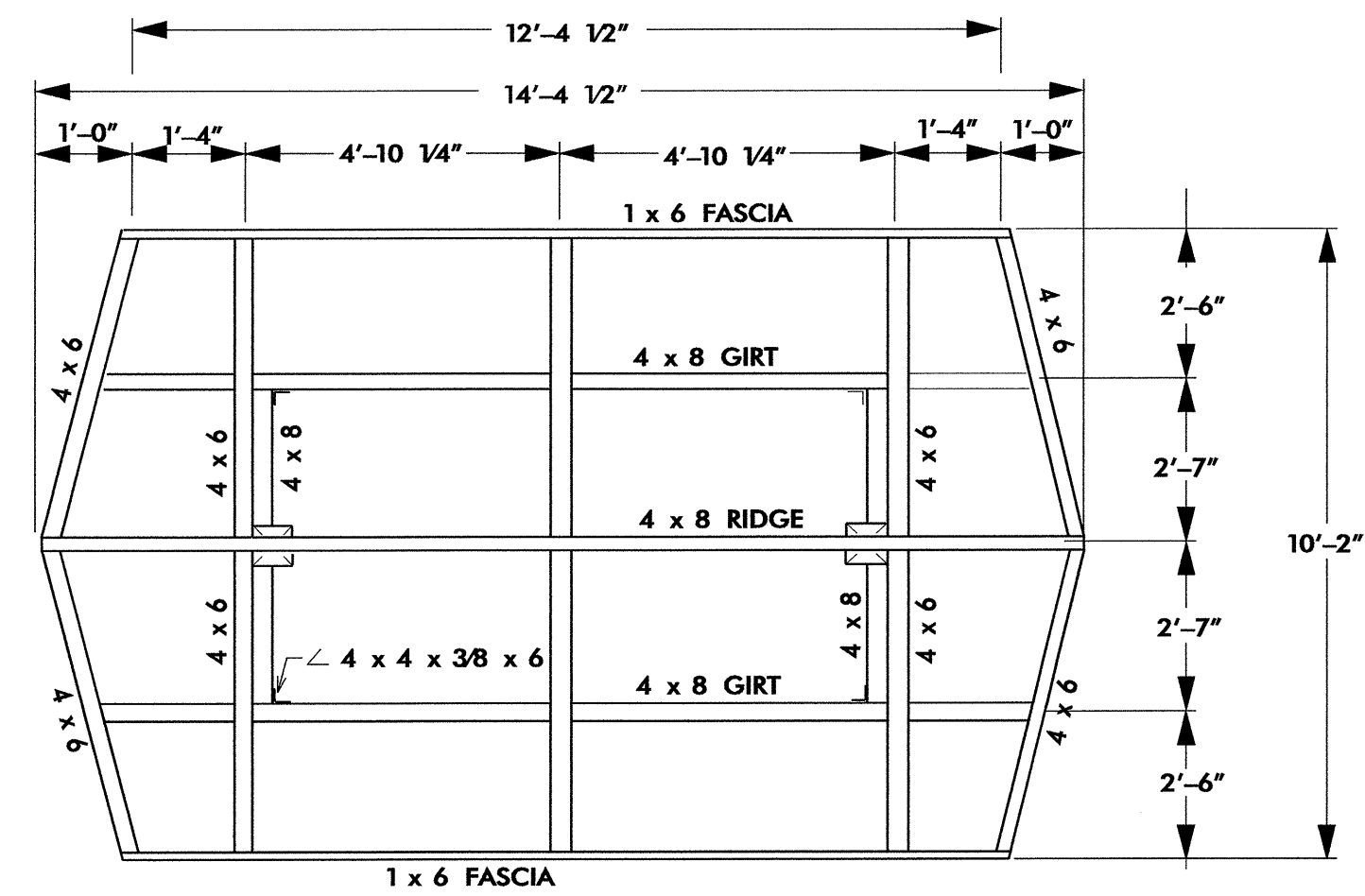
2 SECTION
1/2" = 1'-0"



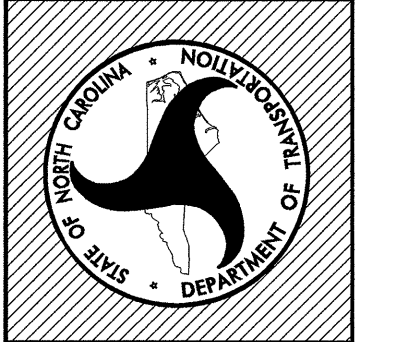
3 SECTION
1/2" = 1'-0"

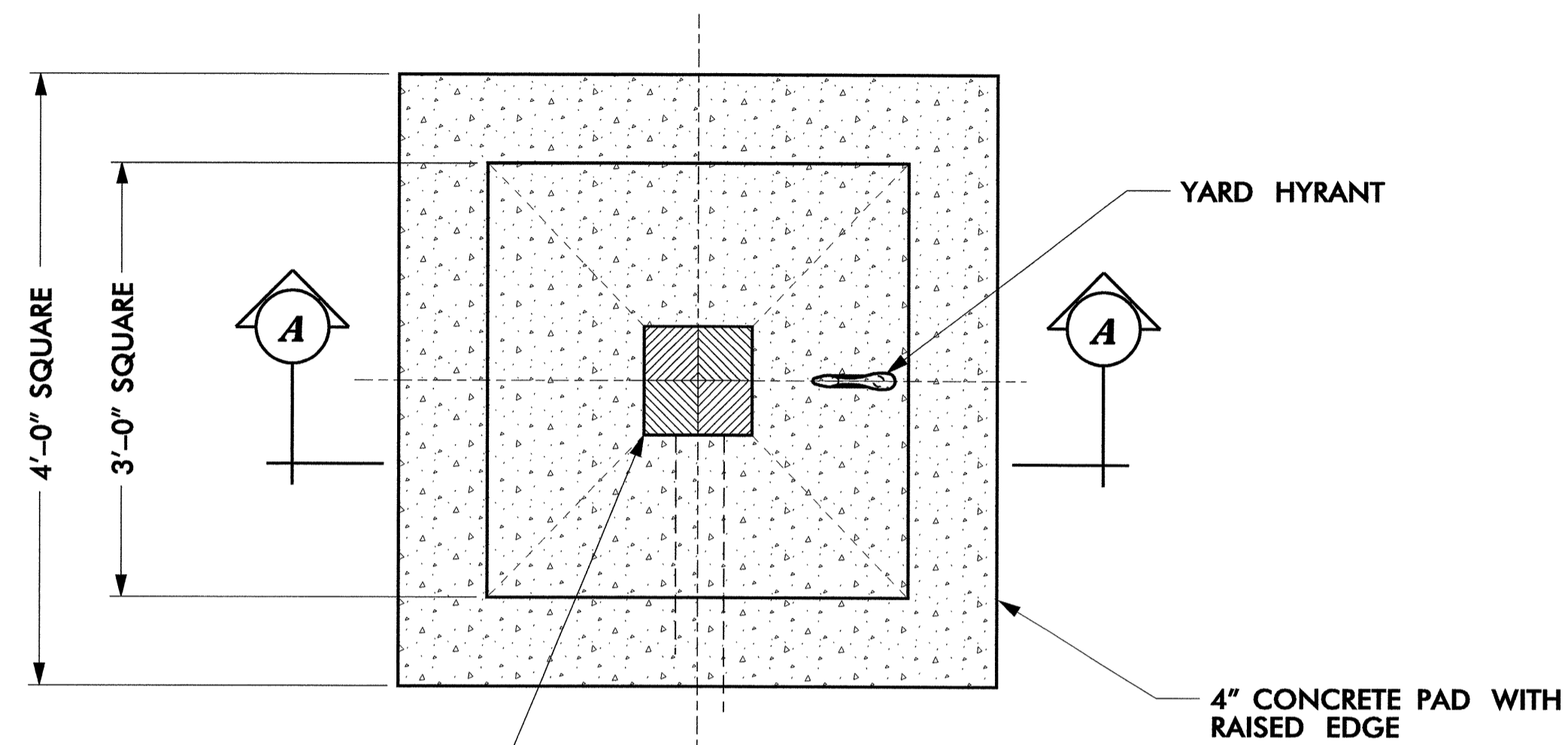


4 JOINT DETAIL
1/2" = 1'-0"



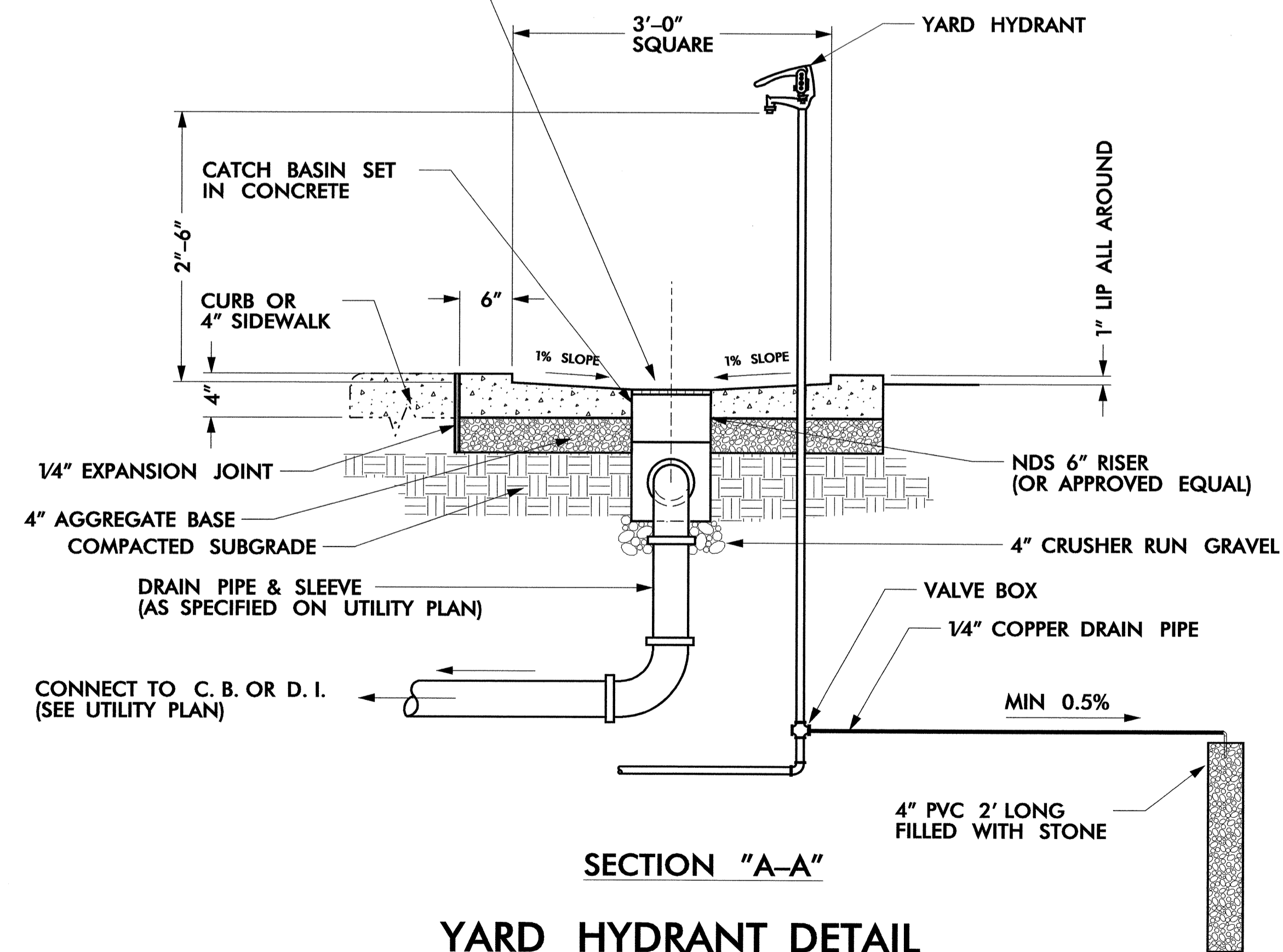
5 FRAMING PLAN
1/2" = 1'-0"





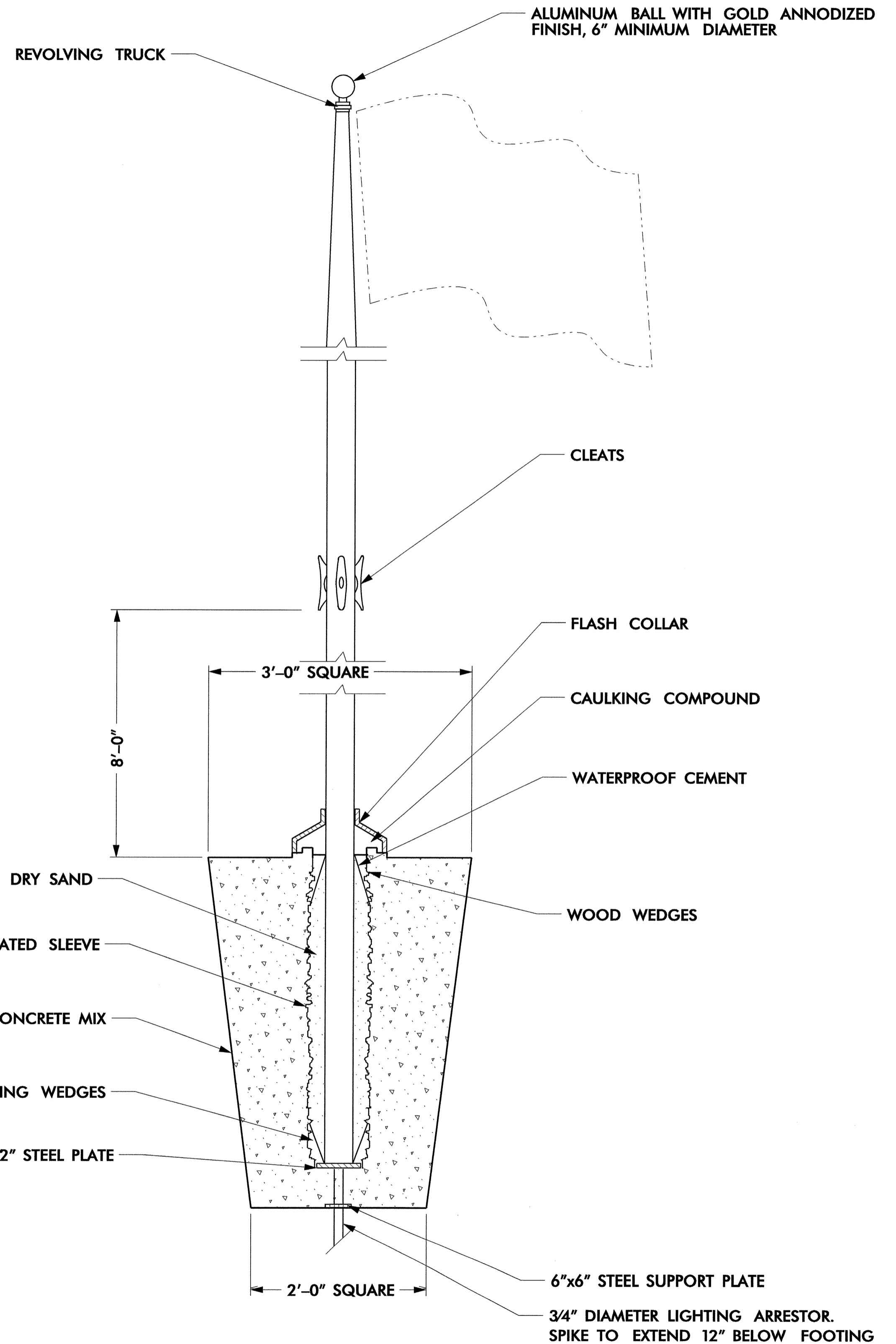
PLAN VIEW

DRAIN - REMOVABLE 9" SQ. BLACK GRATE (INDS 980 OR APPROVED EQUAL)



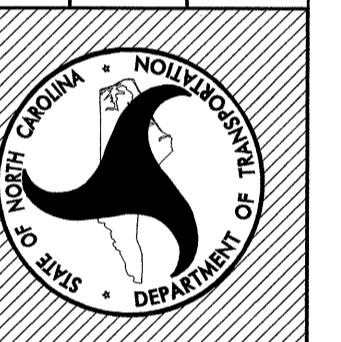
SECTION "A-A"
YARD HYDRANT DETAIL

SCALE: NTS

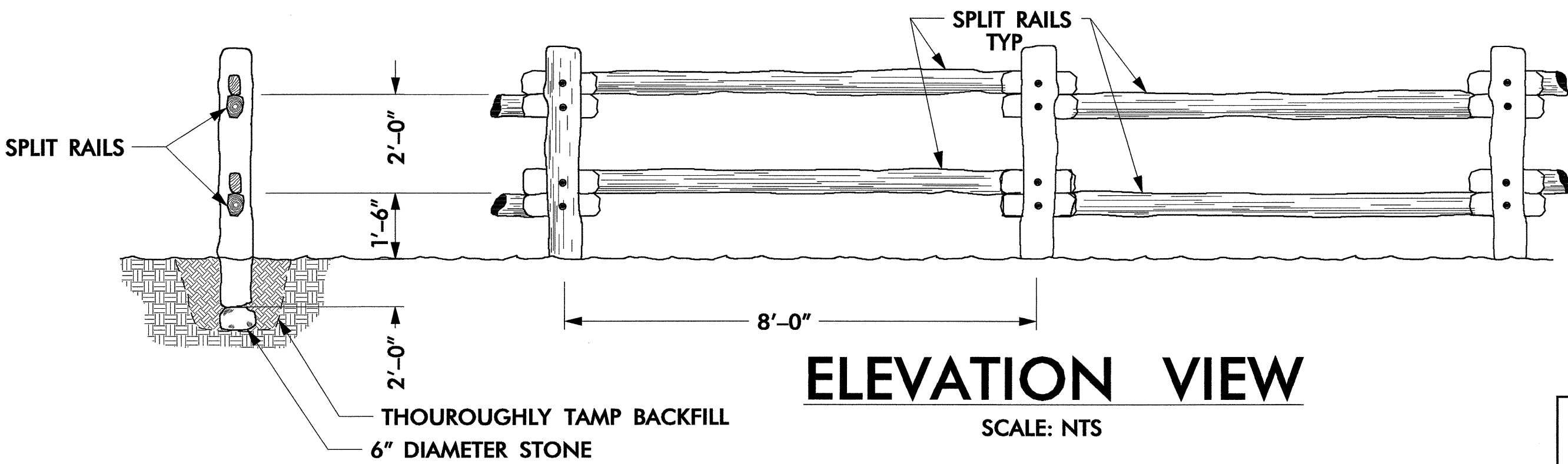


FLAG POLE ELEVATION

SCALE: NTS

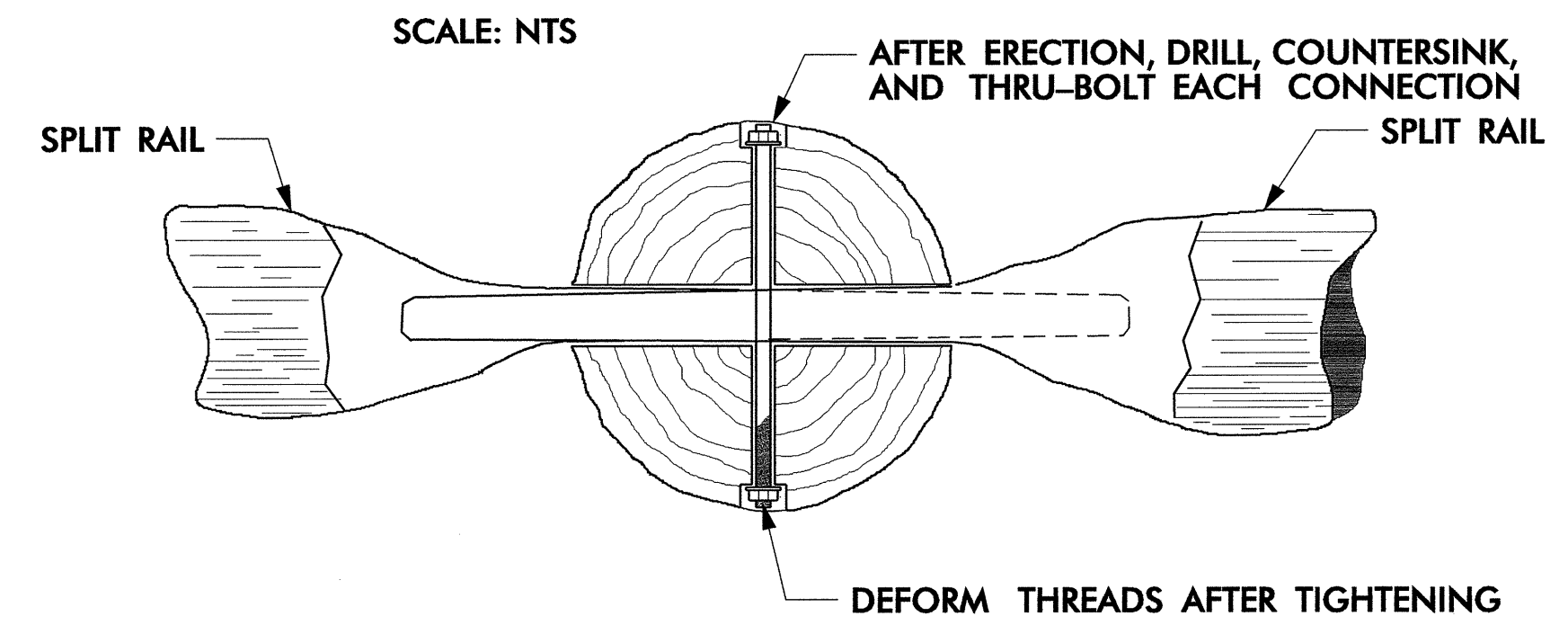


Plans Drawn By:	/dal
Scale	AS NOTED
Date	- - -
Sheet Description	YARD HYDRANT & FLAG POLE
T.I.P. #	K - 3807
Sheet #	LD-011



**CUT-AWAY
END VIEW**
SCALE: NTS

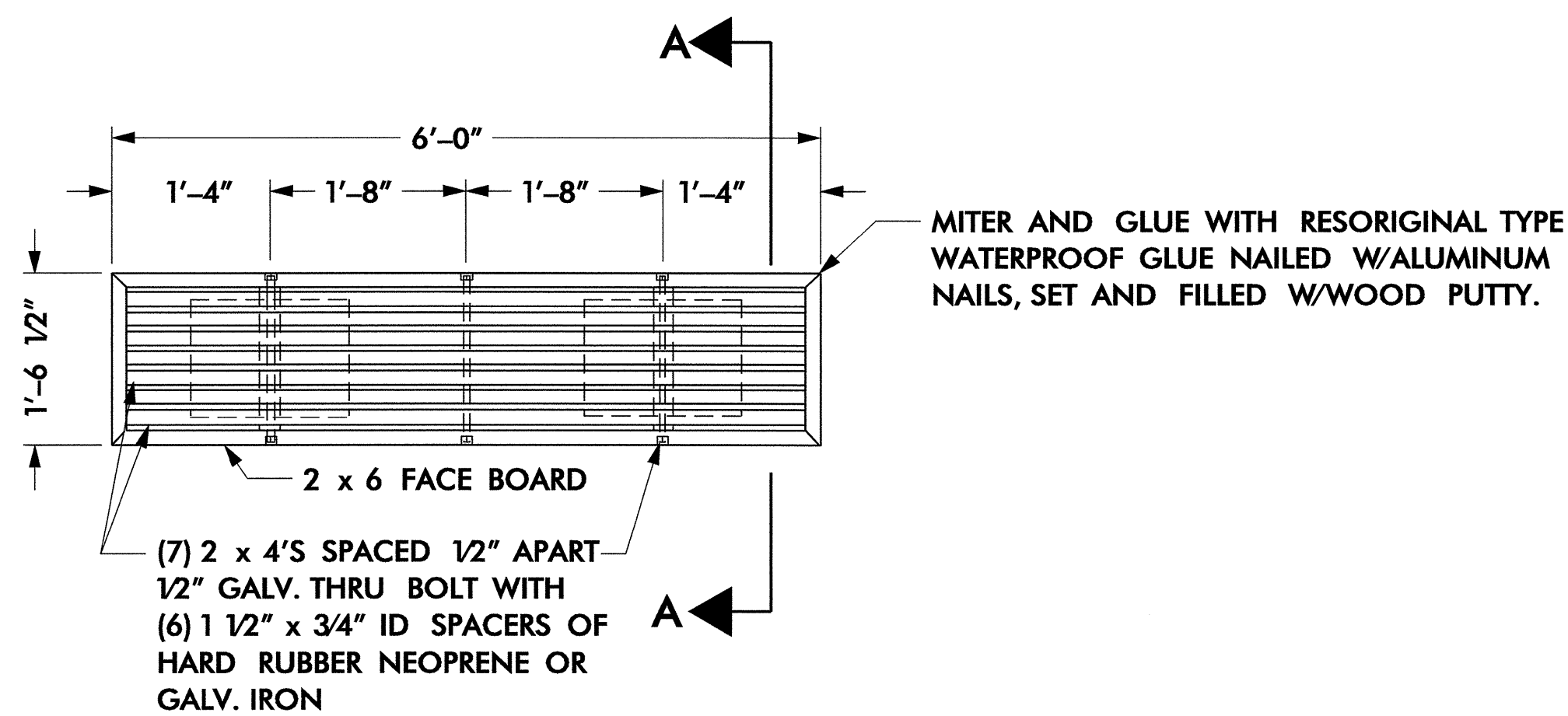
ELEVATION VIEW
SCALE: NTS



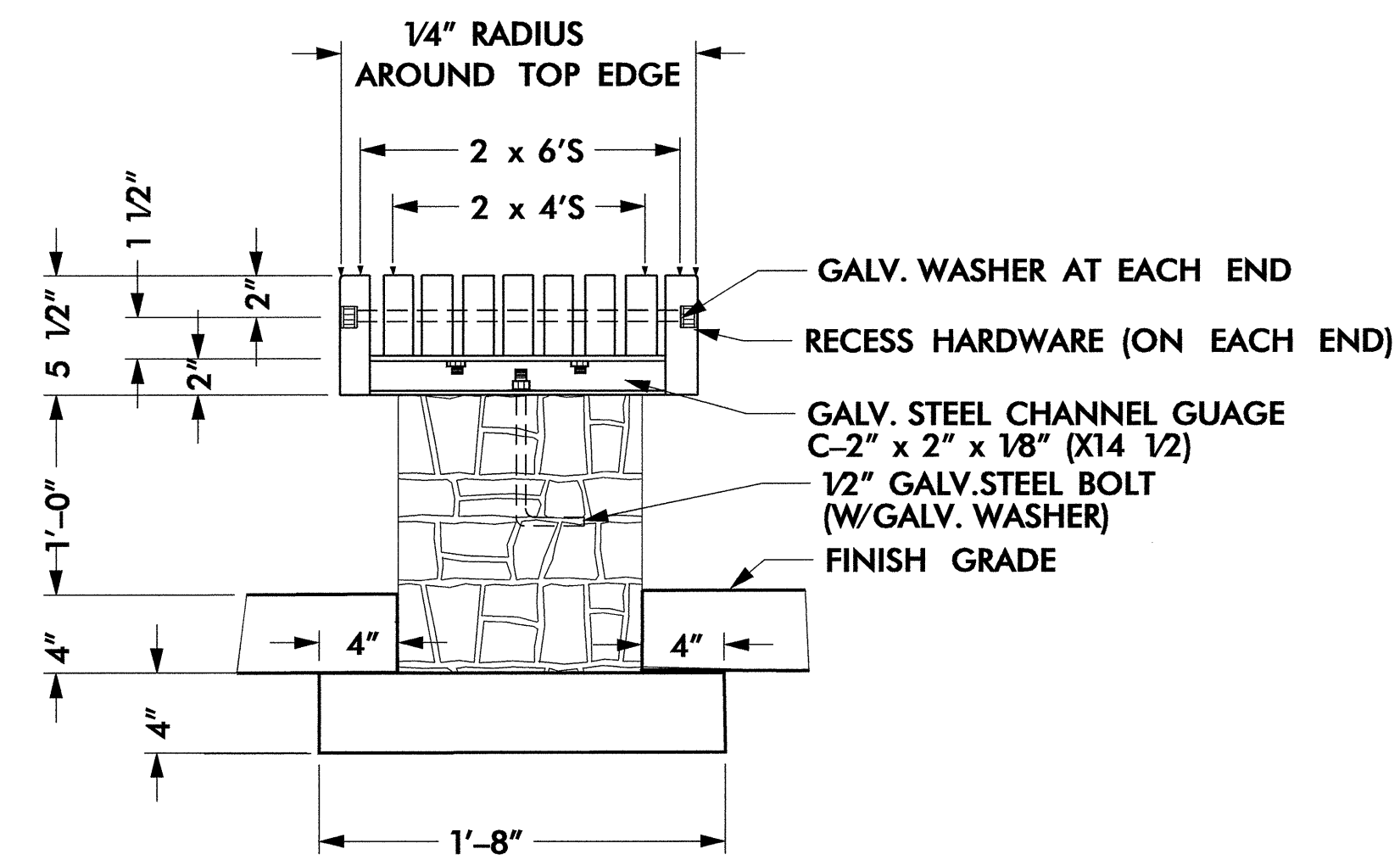
**CONNECTION DETAIL
TOP VIEW**
SCALE: NTS

MATERIALS:

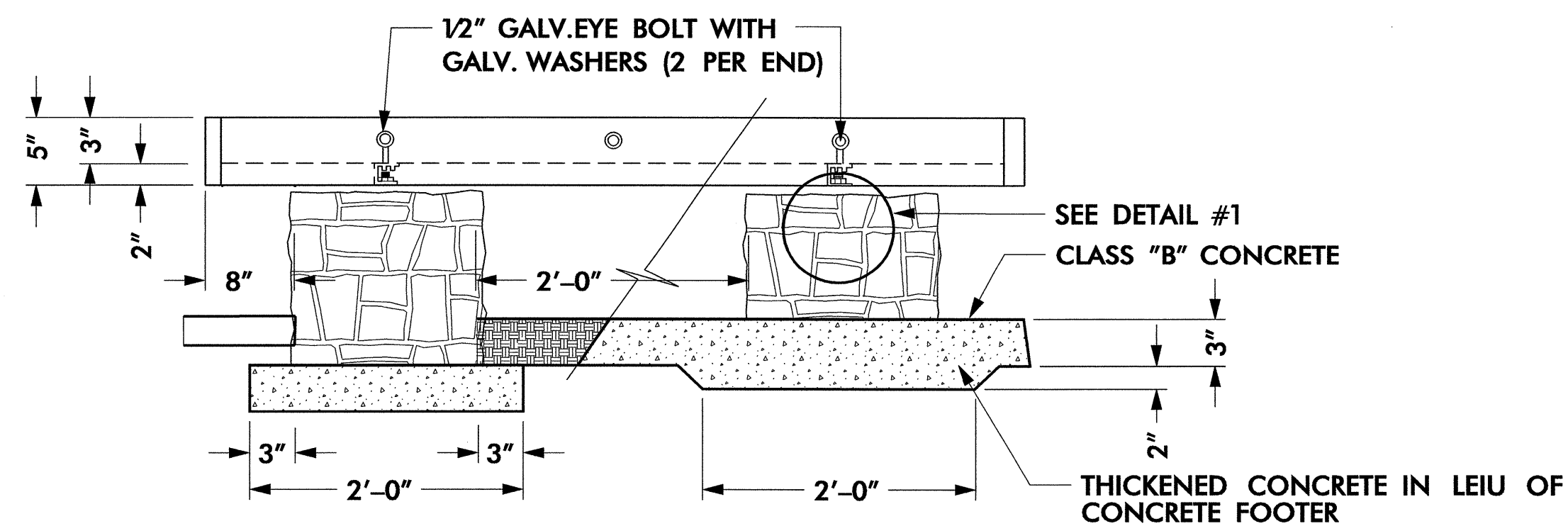
- 1) POSTS - 6" NOMINAL DIAMETER.
- 2) RAILS - 4" NOMINAL DIAMETER
- 3) BOLTS, NUTS, AND WASHERS, 1/2" DIAMETER GALVANIZED



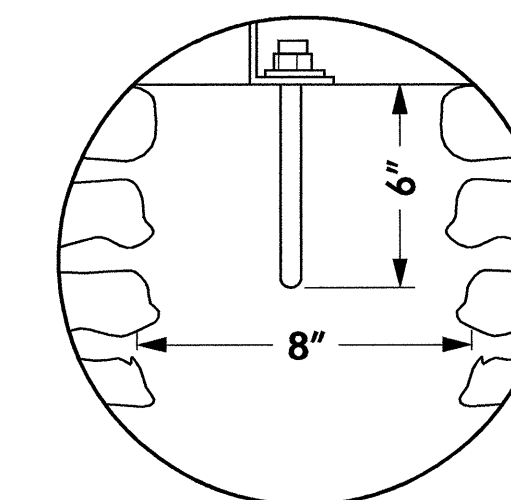
PLAN ELEVATION
SCALE: NTS



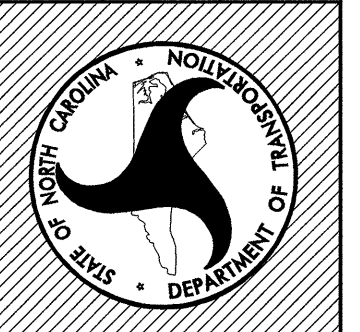
SECTION A-A
SCALE: NTS



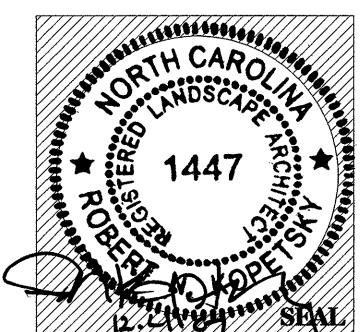
FRONT ELEVATION
SCALE: NTS

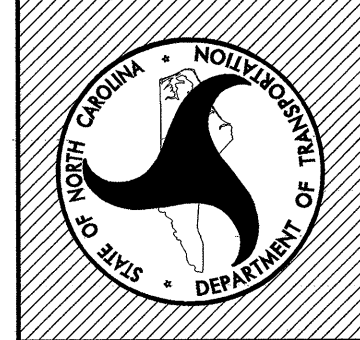


DETAIL #1
SCALE: NTS

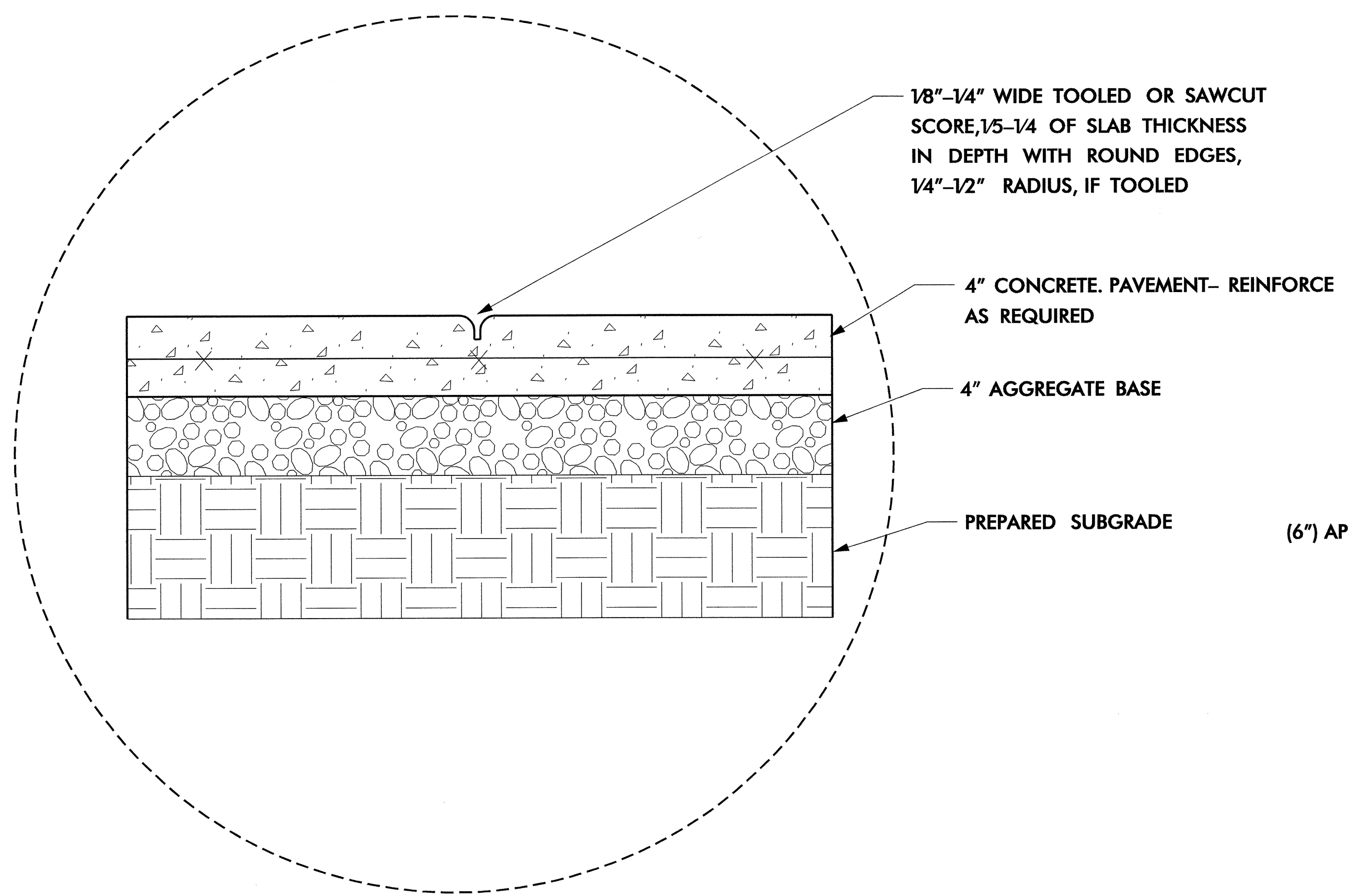


Plans Drawn By:	BK/dal
Scale	AS NOTED
Date	- / - / -
Sheet Description	RAIL FENCE & BENCH
T.I.P. #	K - 3807
Sheet #	LD-012

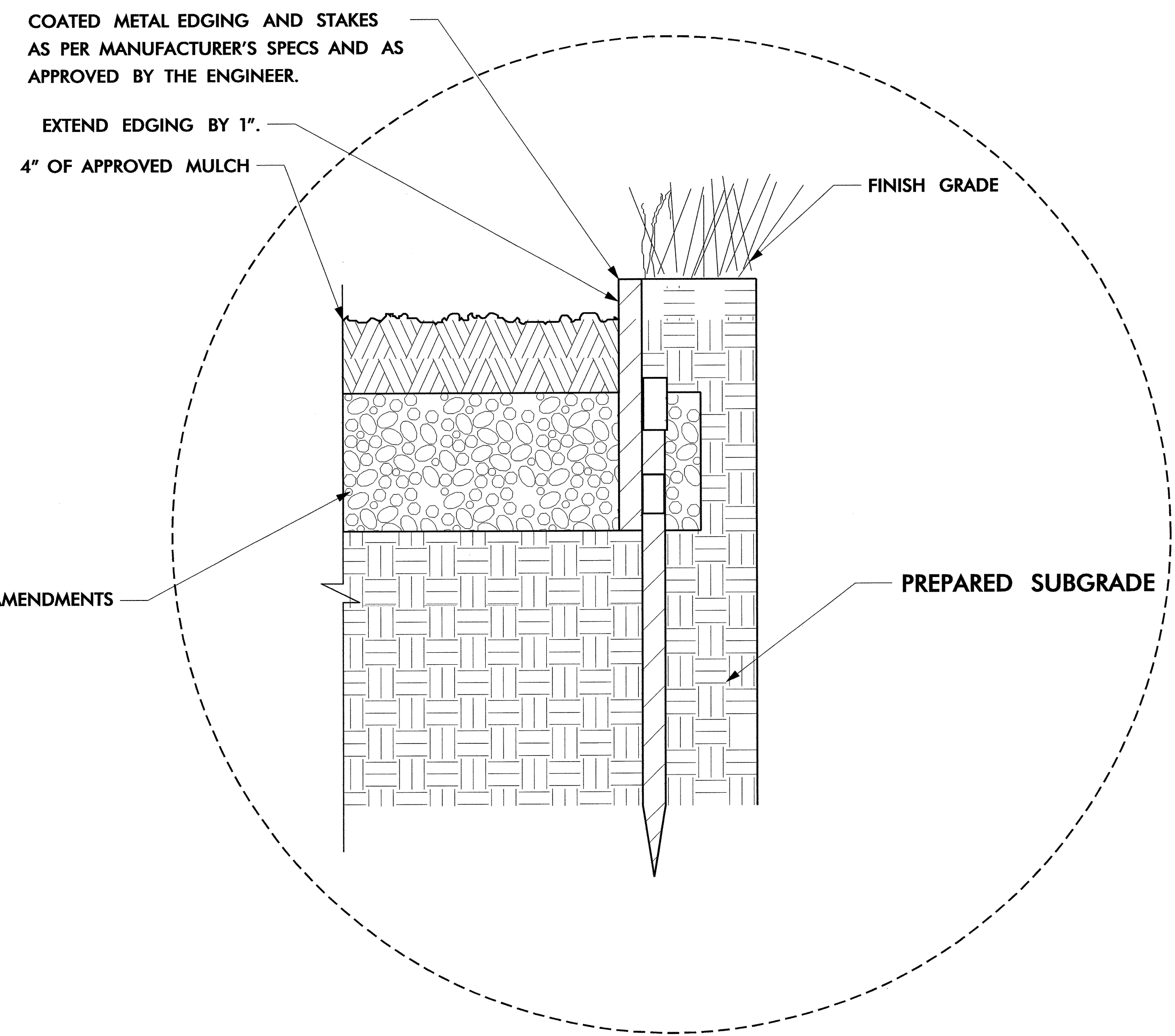




Plans Drawn By:	BK/dal
Scale	AS NOTED
Date	- - -
Sheet Description	CONTROL JT. & METAL EDGING
T.I.P. #	K - 3807
Sheet #	LD-013

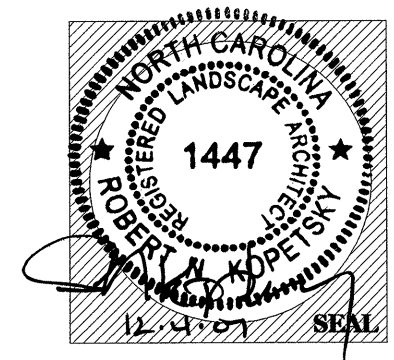


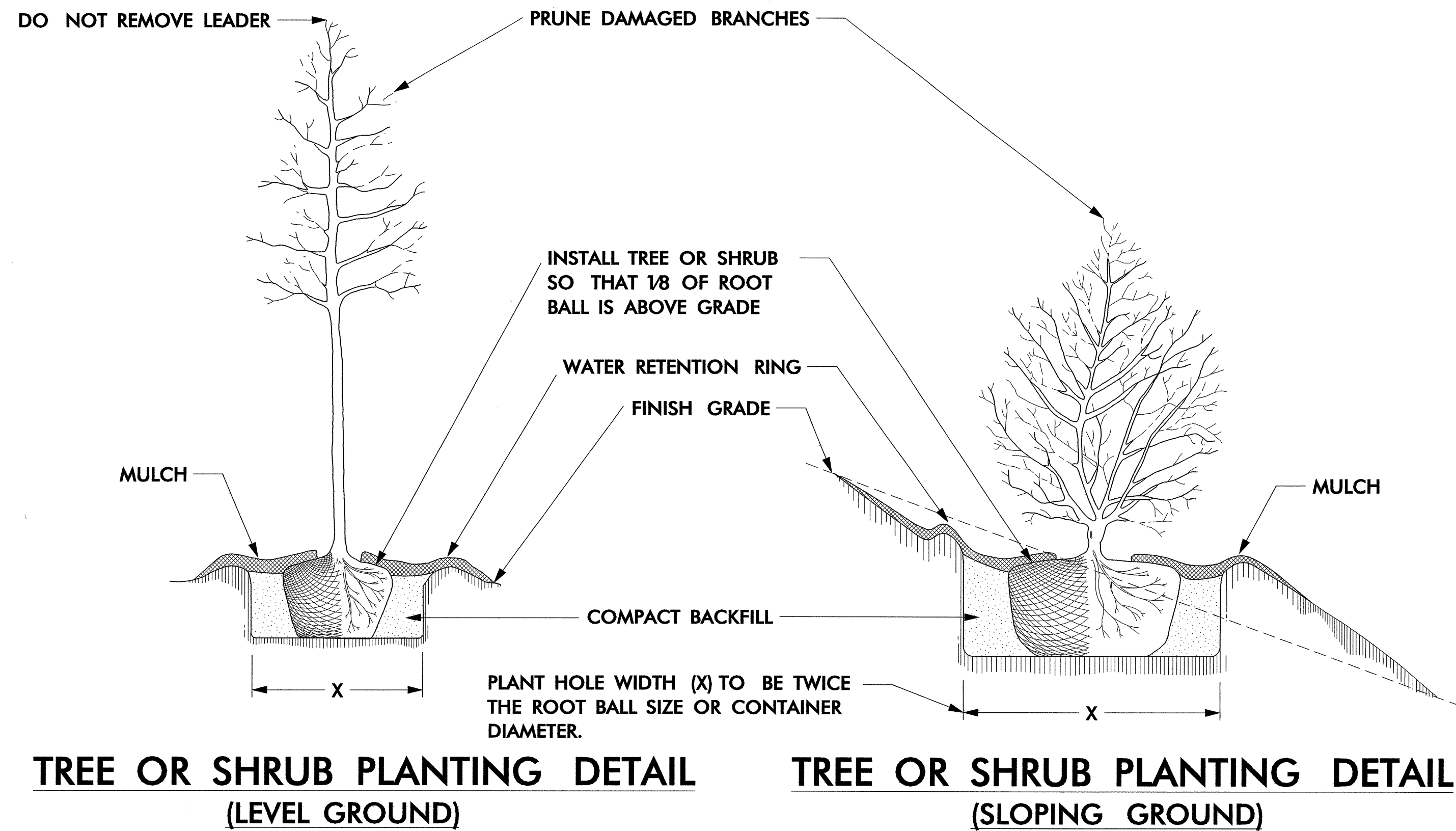
DETAIL FOR CONTROL JOINTS
 SCALE: NTS



METAL EDGING
 SCALE: NTS

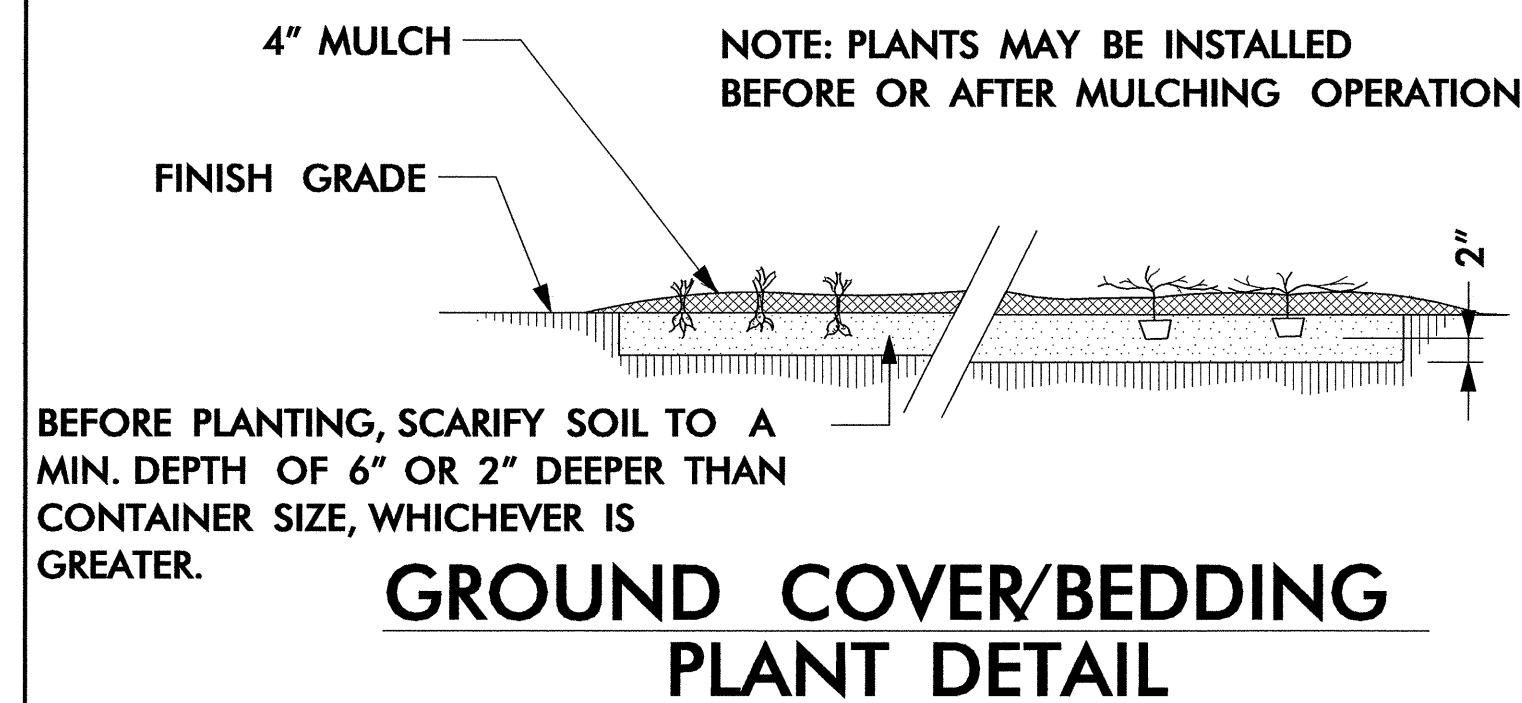
NOTE:
 METAL EDGING TO BE UTILIZED @ PLANT
 BED AREAS - SEE SHT. LH-002 SITE PLAN.
 CONSULT WITH ENGINEER AND DESIGNER
 TO GET PROPER PLACEMENT IN THE FIELD.



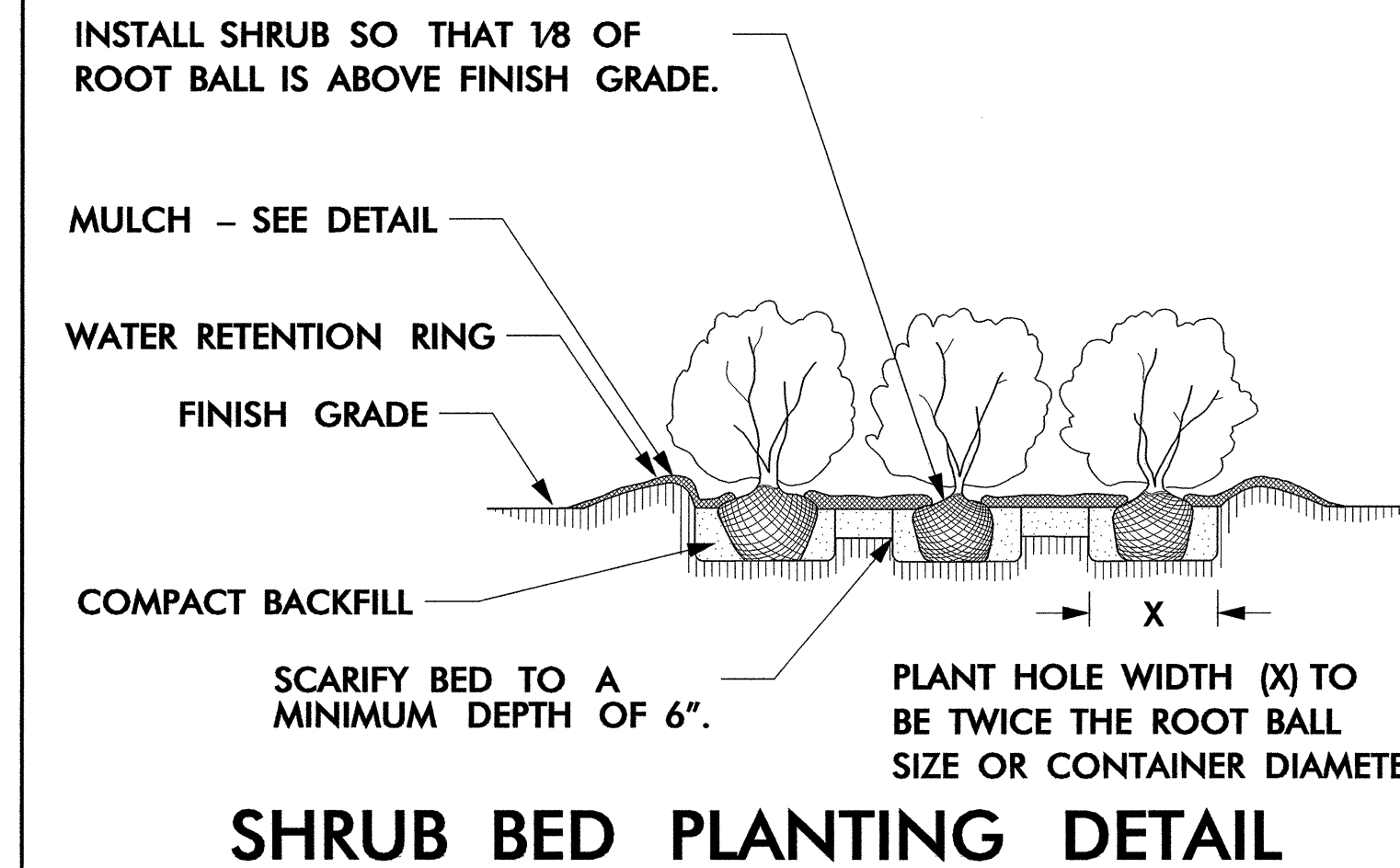


TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

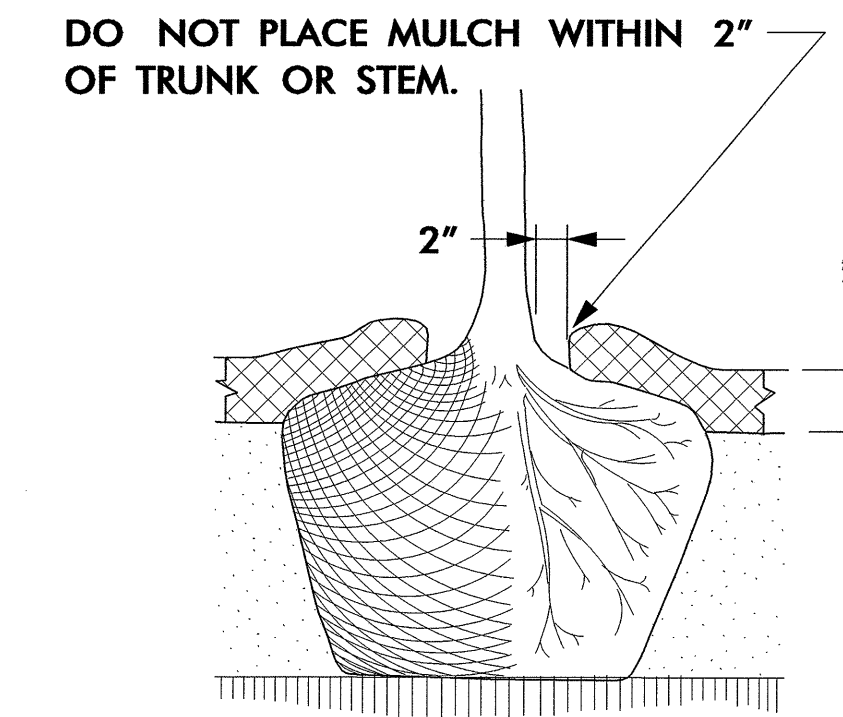
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GROUND COVER/BEDDING PLANT DETAIL



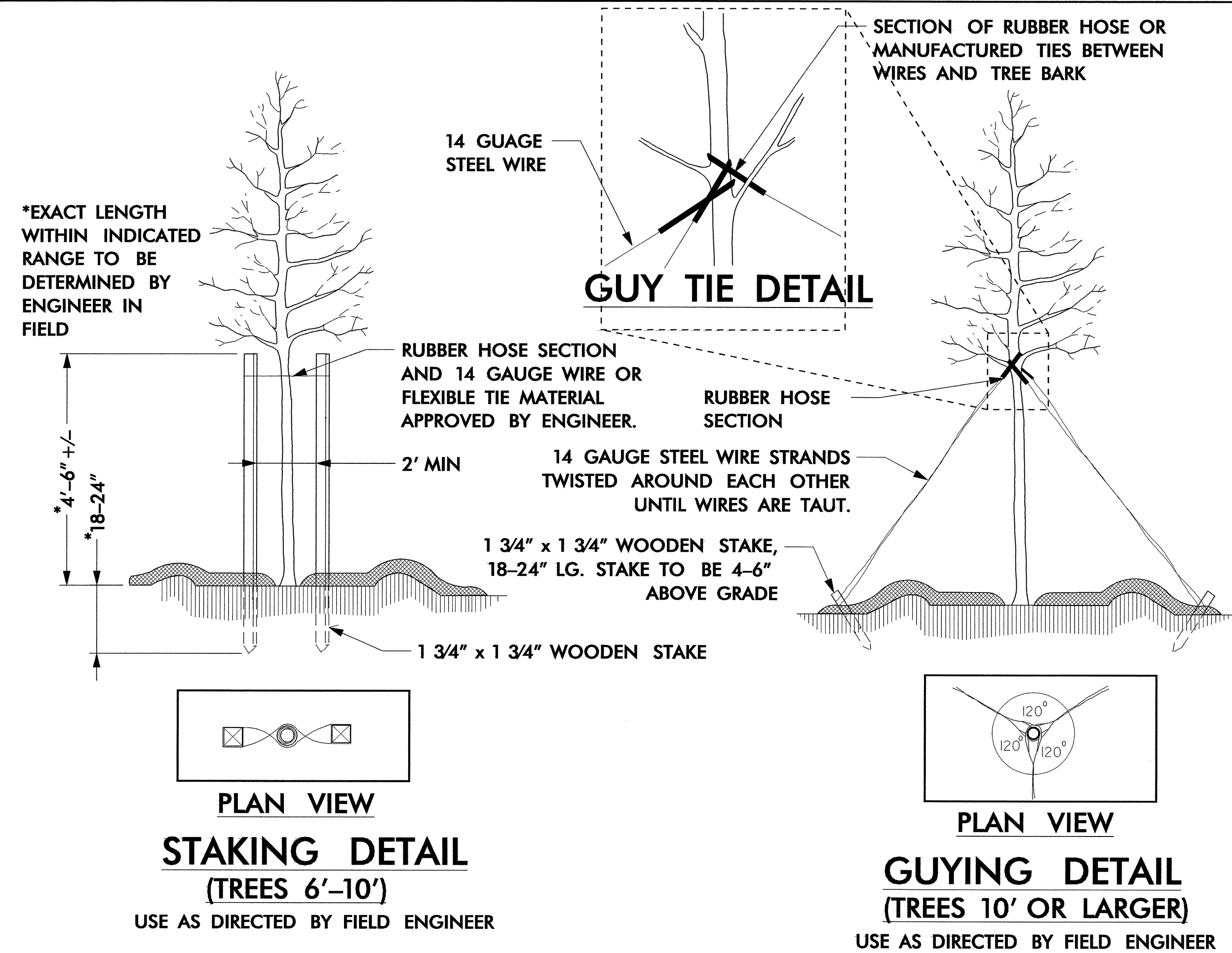
SHRUB BED PLANTING DETAIL



MULCH DETAIL

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.

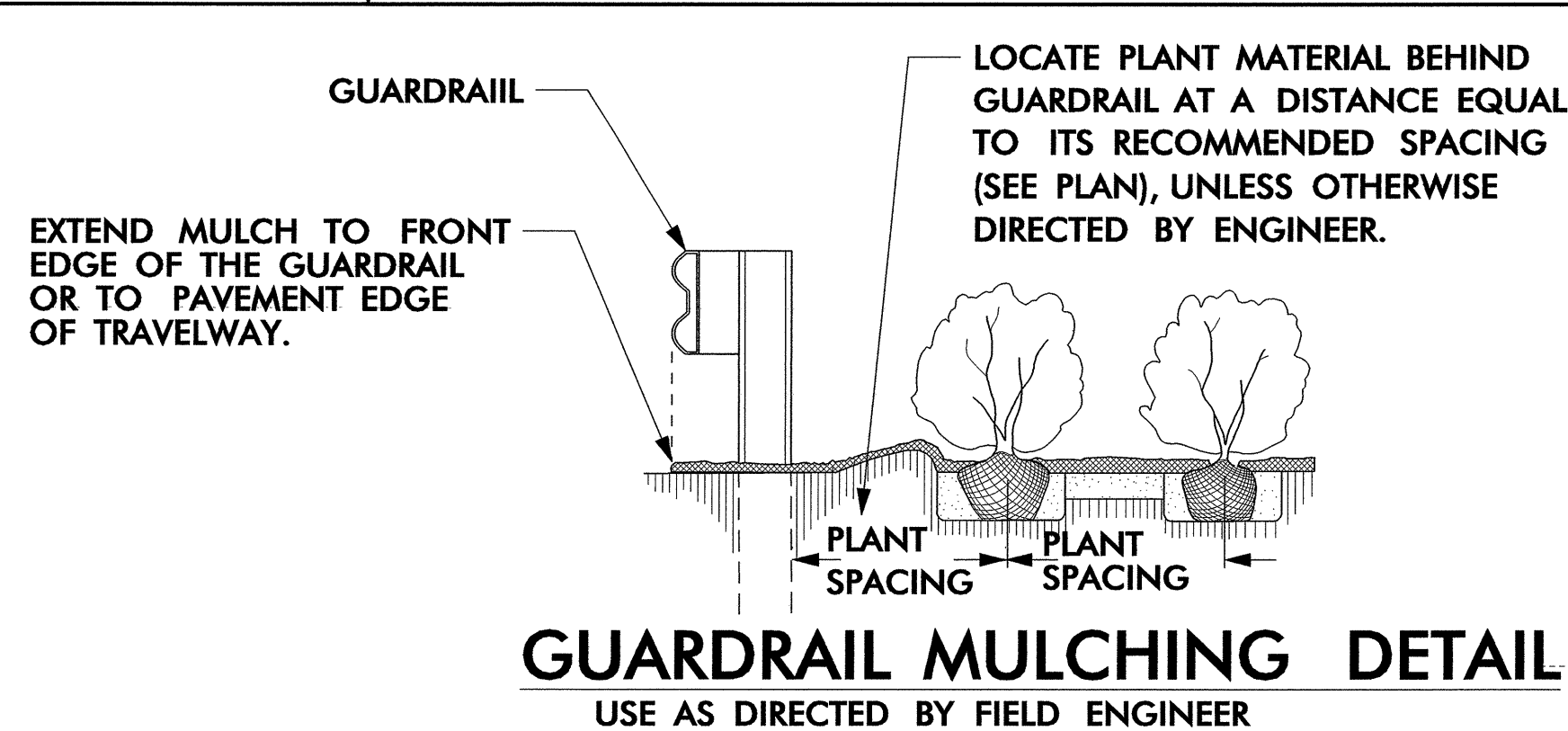


PLAN VIEW
STAKING DETAIL
(TREES 6'-10')

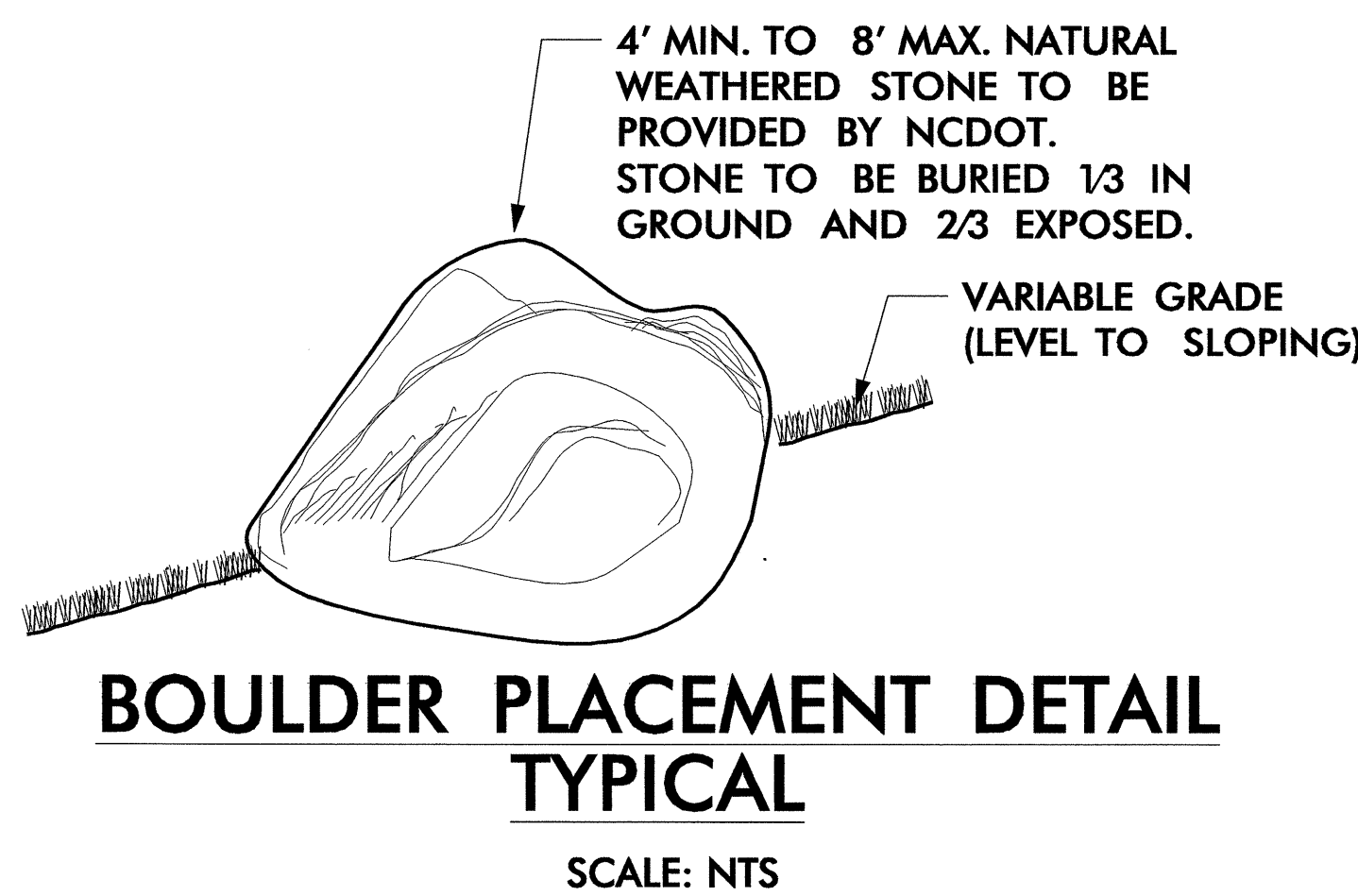
USE AS DIRECTED BY FIELD ENGINEER

PLAN VIEW
GUYING DETAIL
(TREES 10' OR LARGER)

USE AS DIRECTED BY FIELD ENGINEER

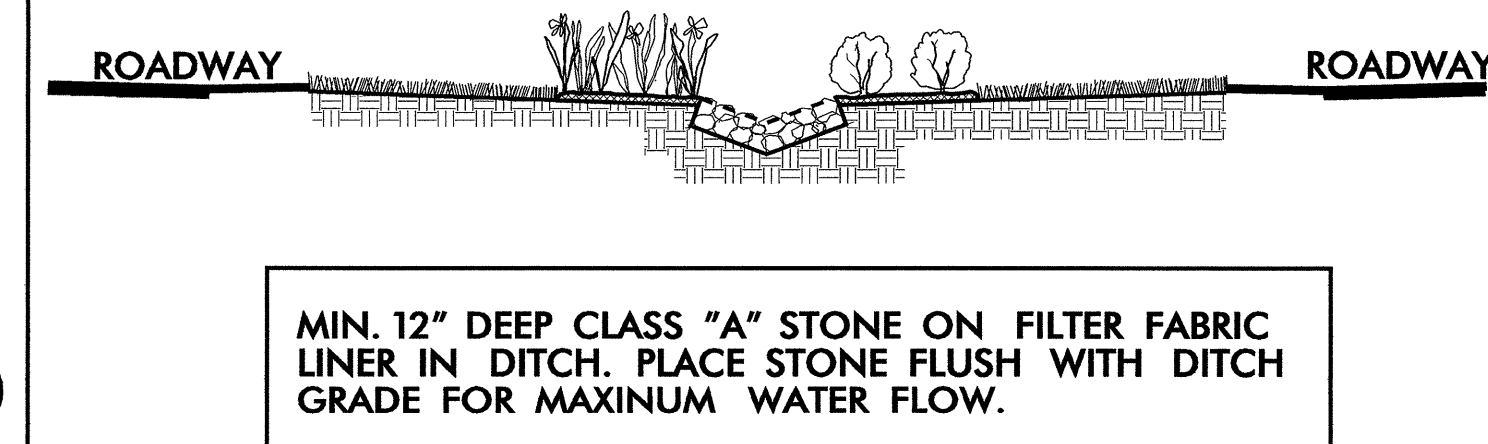


GUARDRAIL MULCHING DETAIL
USE AS DIRECTED BY FIELD ENGINEER

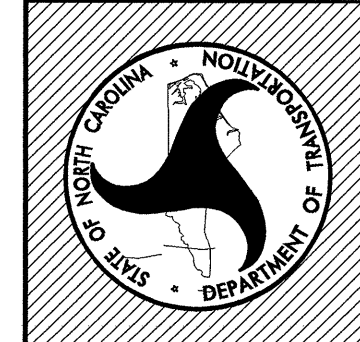
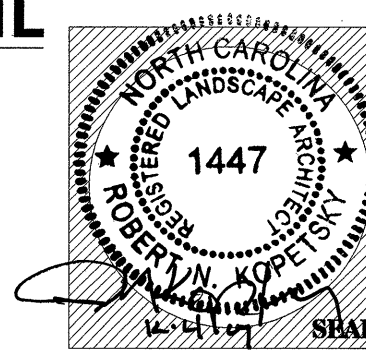


BOULDER PLACEMENT DETAIL
TYPICAL

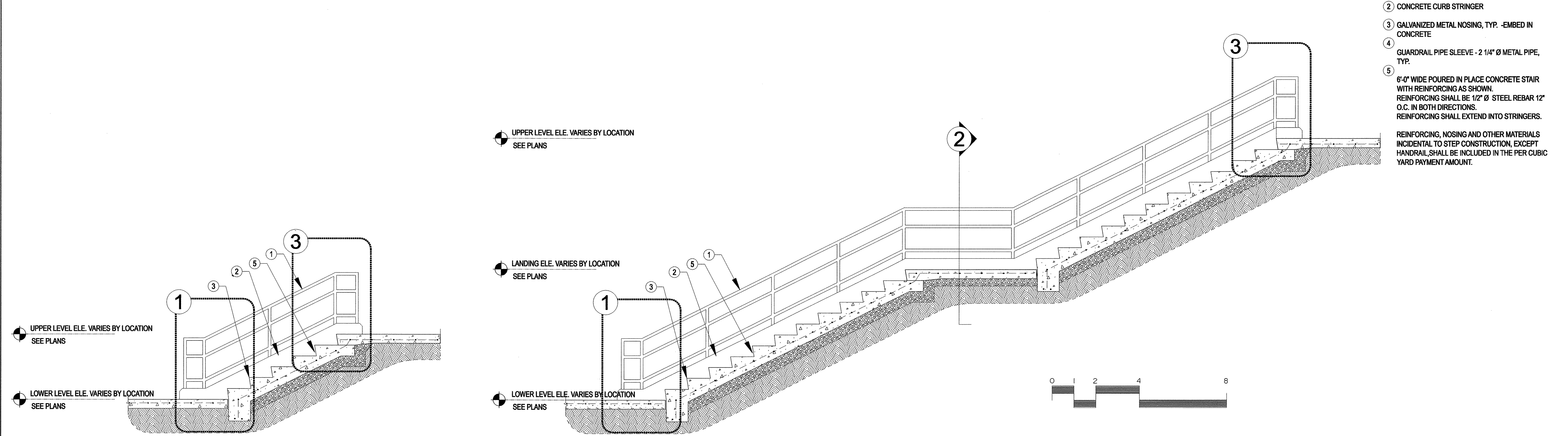
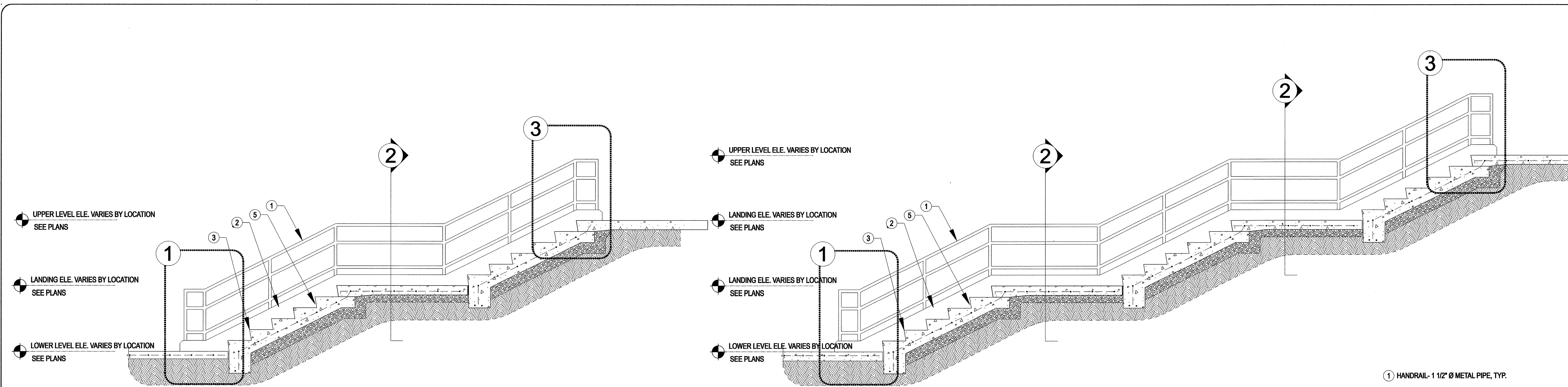
SCALE: NTS



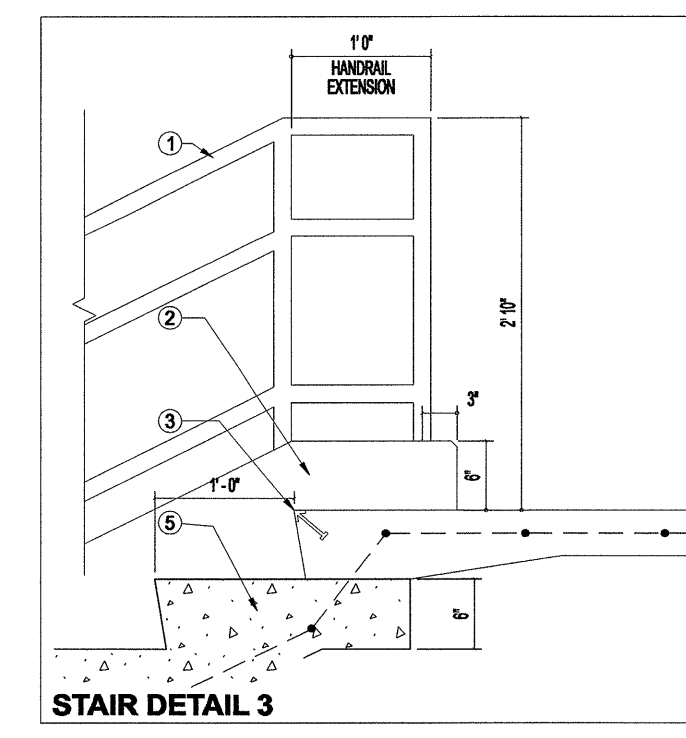
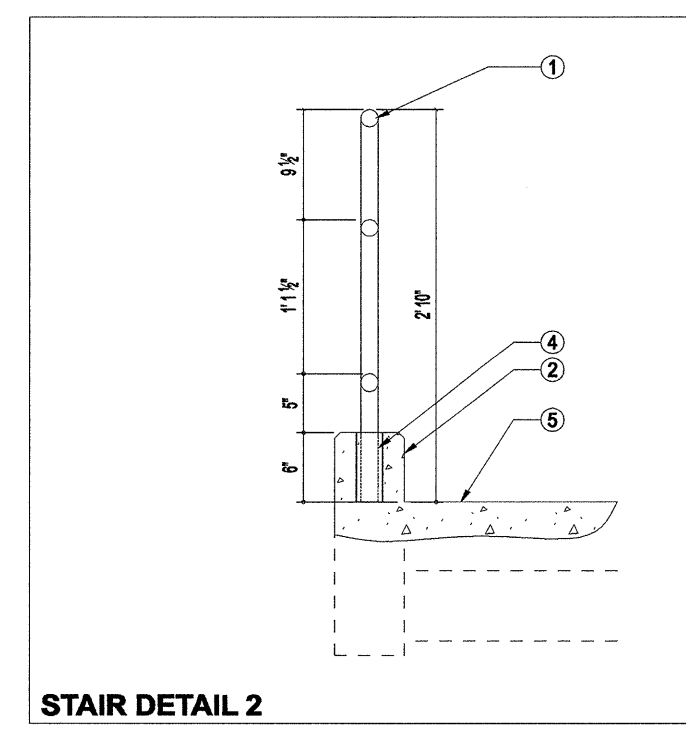
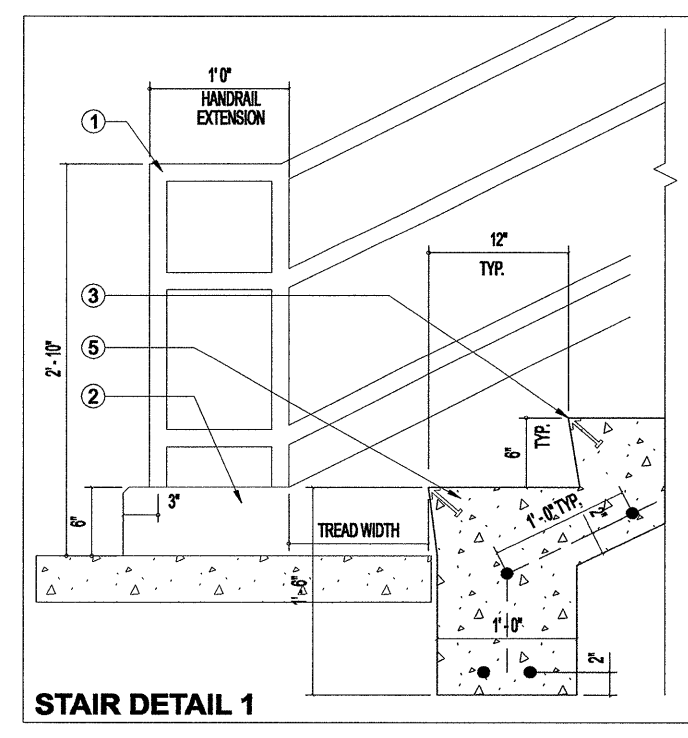
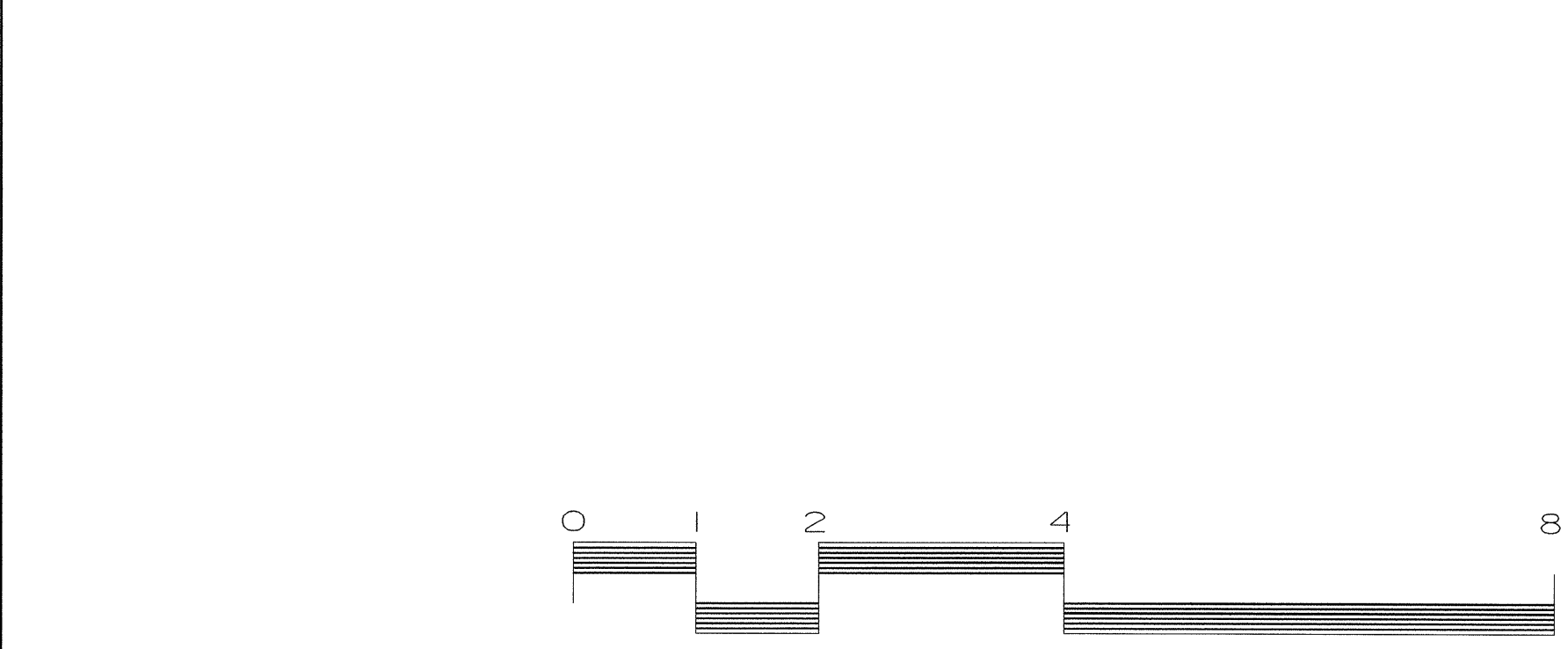
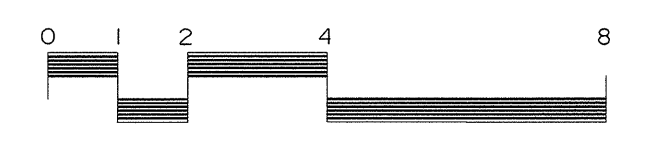
CLASS "A" STONE DITCH LINING DETAIL



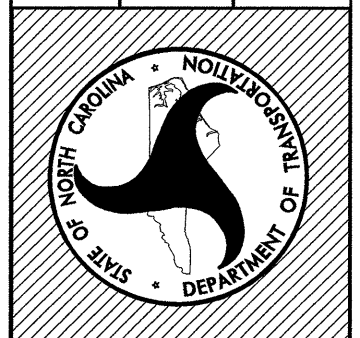
Plans Drawn By:	BK/dal
Scale:	AS NOTED
Date:	
Sheet Description:	PLANTING DETAILS
T.I.P. #:	K - 3807
Sheet #:	LD-014



- ① HANDRAIL - 1 1/2" Ø METAL PIPE, TYP.
 - ② CONCRETE CURB STRINGER
 - ③ GALVANIZED METAL NOSING, TYP. - EMBED IN CONCRETE
 - ④ GUARDRAIL PIPE SLEEVE - 2 1/4" Ø METAL PIPE, TYP.
 - ⑤ 6'-0" WIDE POURED IN PLACE CONCRETE STAIR WITH REINFORCING AS SHOWN. REINFORCING SHALL BE 1/2" Ø STEEL REBAR 12" O.C. IN BOTH DIRECTIONS. REINFORCING SHALL EXTEND INTO STRINGERS.
- REINFORCING, NOSING AND OTHER MATERIALS INCIDENTAL TO STEP CONSTRUCTION, EXCEPT HANDRAIL, SHALL BE INCLUDED IN THE PER CUBIC YARD PAYMENT AMOUNT.



A. HANDRAIL ASSEMBLY TO BE FINISHED WITH KYNAR 500 TO MATCH CURTAINWALL SYSTEM.
 B. STAIRS MAY VARY IN NUMBER OF RISERS. SEE PLANS FOR LOCATION AND DESCRIPTION.

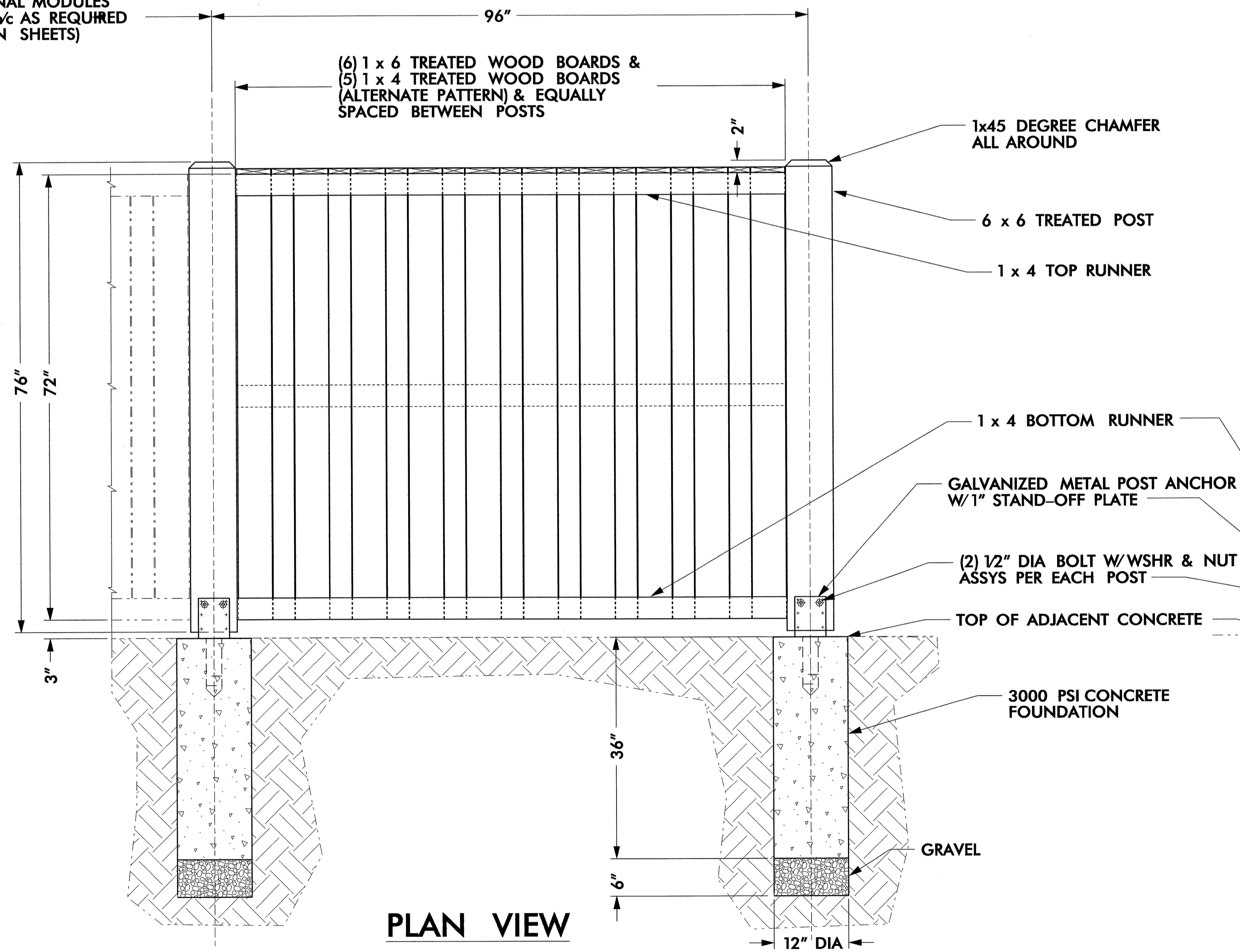


Plans Drawn By:	/dal
Scale	AS NOTED
Date	
Sheet Description	CONCRETE STEPS
T.I.P. #	K - 3807
Sheet #	LD-015

NOTE:

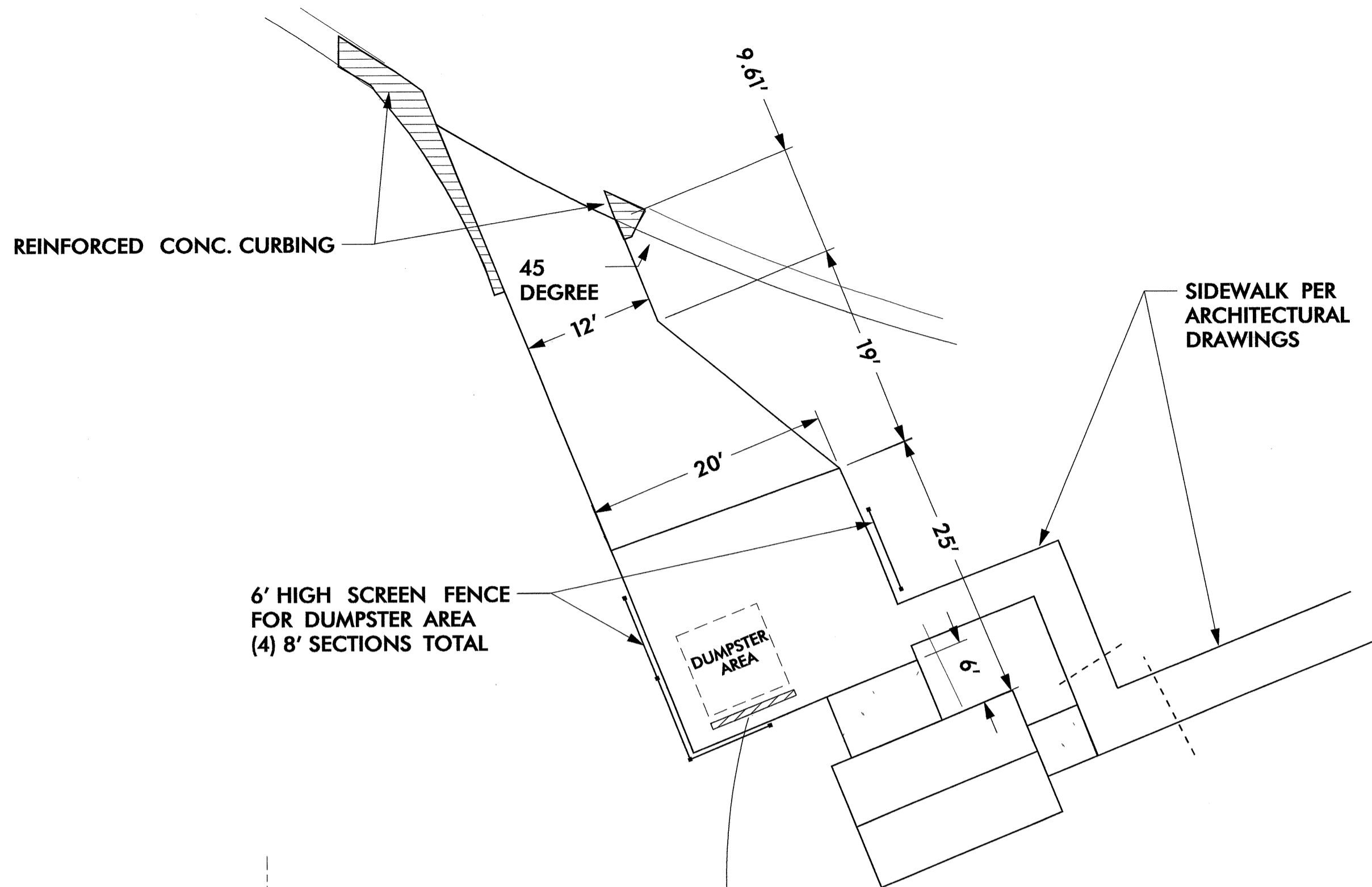
- 1) WOOD MEMBERS TO BE SECURED WITH HIDDEN GALVANIZED METAL FASTENERS PER APPROVAL OF ENGINEER PRIOR TO CONSTRUCTION OR INSTALLATION OF SCREEN FENCE.
- 2) SCREEN FENCE TO BE FINISHED IN SAME MANNER OF BUILDING WOOD SIDING.

← ADDITIONAL MODULES @ 96" o/c AS REQUIRED (SEE PLAN SHEETS)



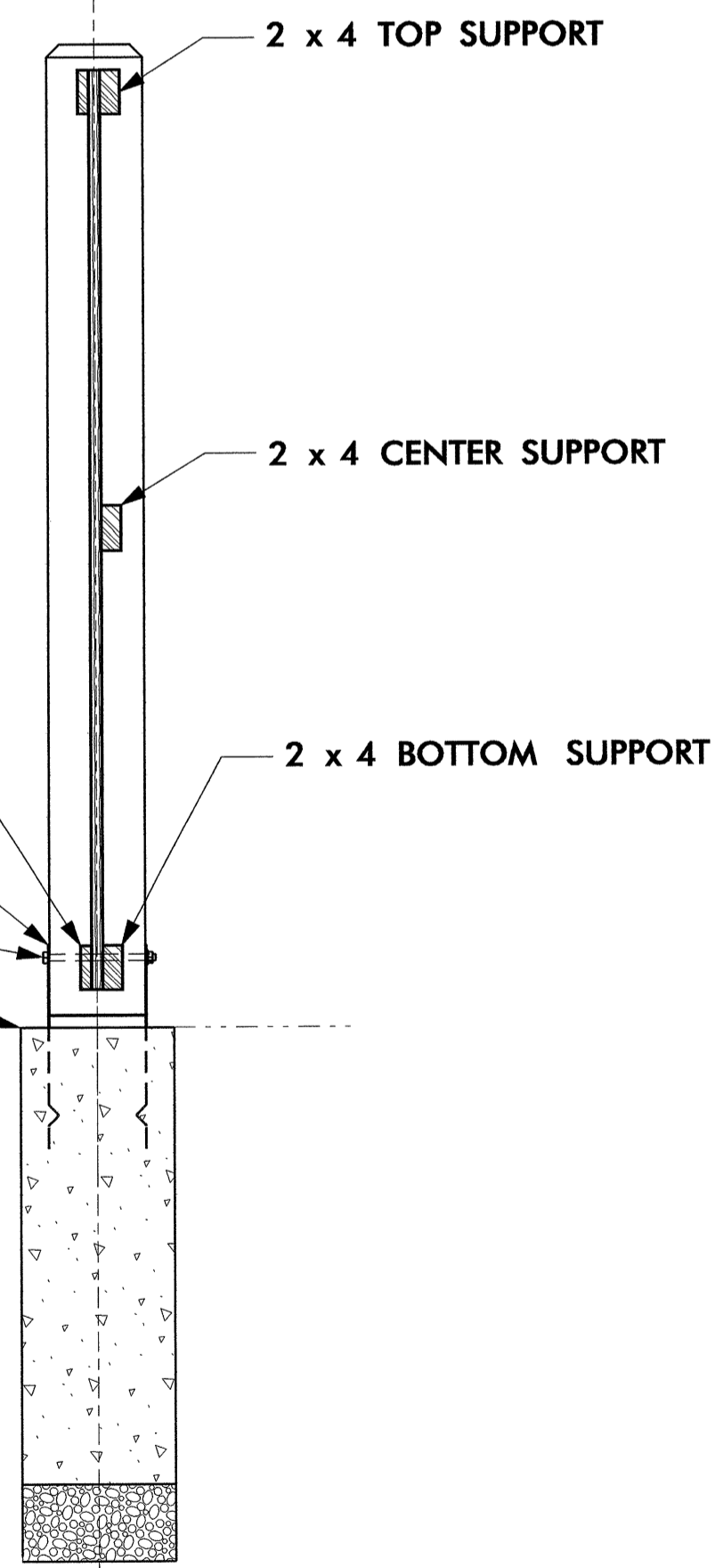
PLAN VIEW

NTS



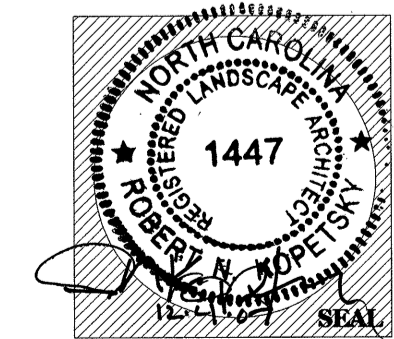
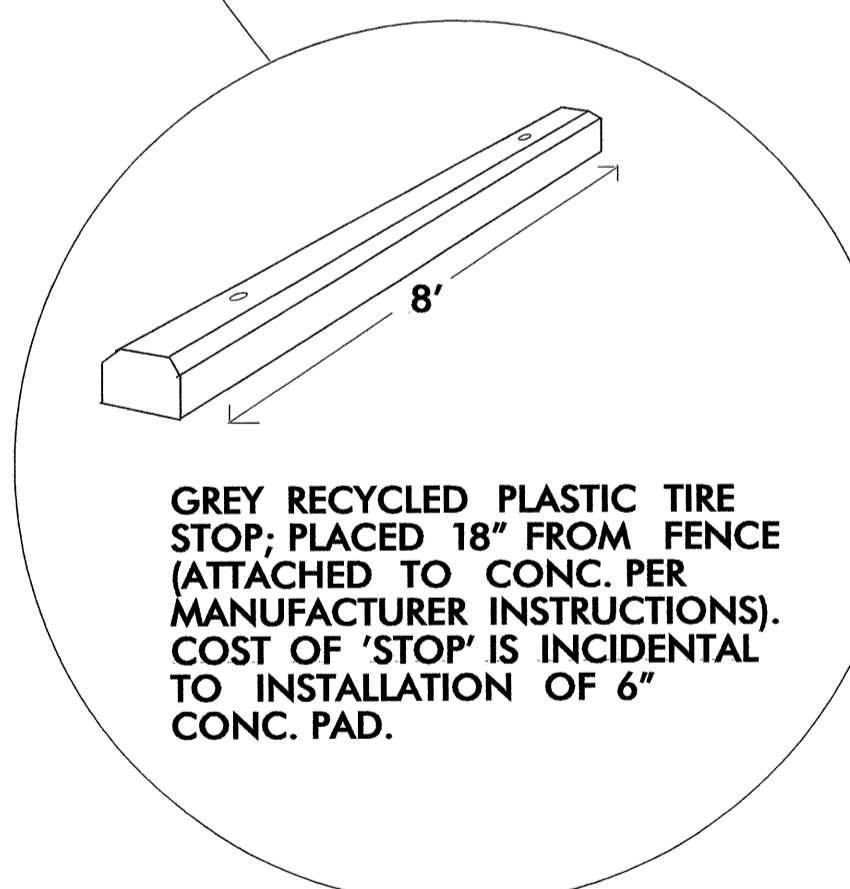
SITE PLAN

NTS



END VIEW

NTS



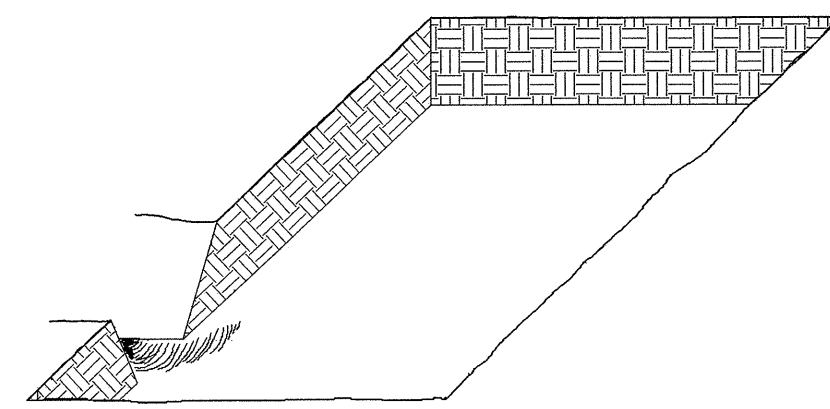
Plans Drawn By:	BK/dal
Scale	AS NOTED
Date	- - -
Sheet Description	6' HIGH WOOD SCREENING FENCE
T.I.P. #	K - 3807
Sheet #	LD-016

PLANTING DETAILS

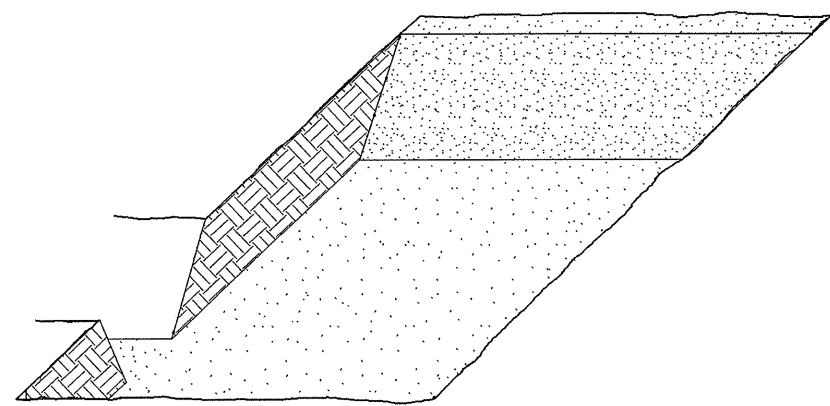
SEEDLING / LINER BAREROOT PLANTING DETAIL

HEALING IN

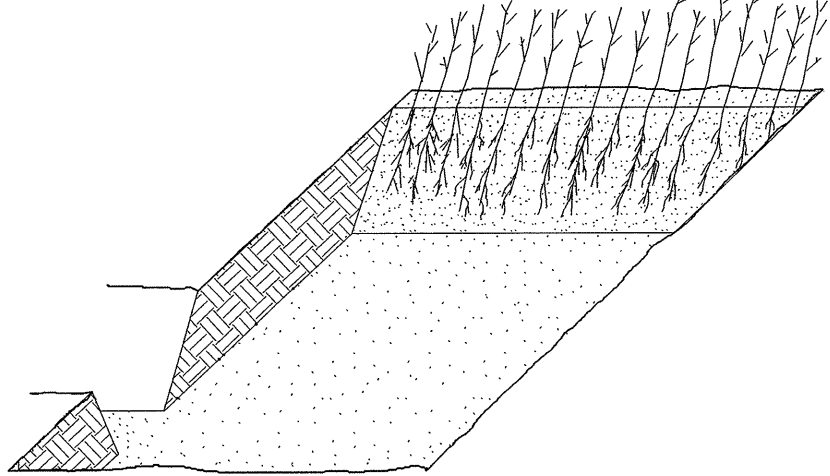
1. LOCATE A HEALING-IN SITE IN A SHADY, WELL PROTECTED AREA.
2. EXCAVATE A FLAT BOTTOM TRENCH 12" DEEP AND PROVIDE DRAINAGE.



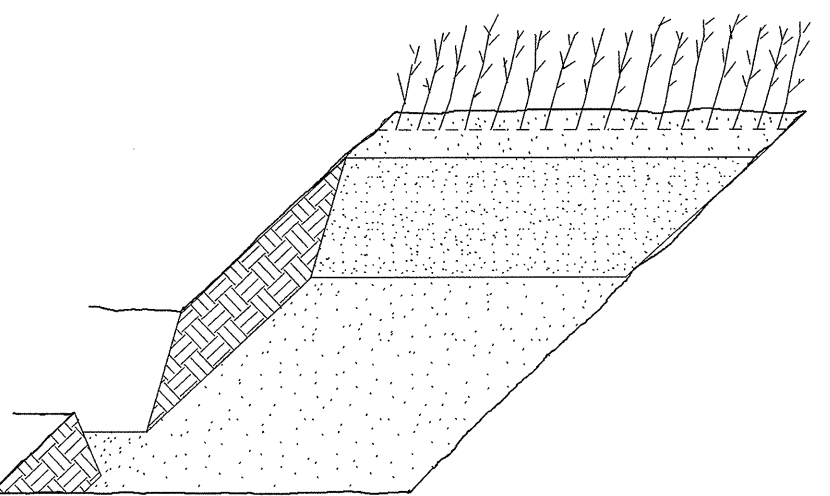
3. BACKFILL THE TRENCH WITH 2" WELL ROTTED SAWDUST. PLACE A 2" LAYER OF WELL ROTTED SAWDUST AT A SLOPING ANGLE AT ONE END OF THE TRENCH.



4. PLACE A SINGLE LAYER OF PLANTS AGAINST THE SLOPING END SO THAT THE ROOT COLLAR IS AT GROUND LEVEL.

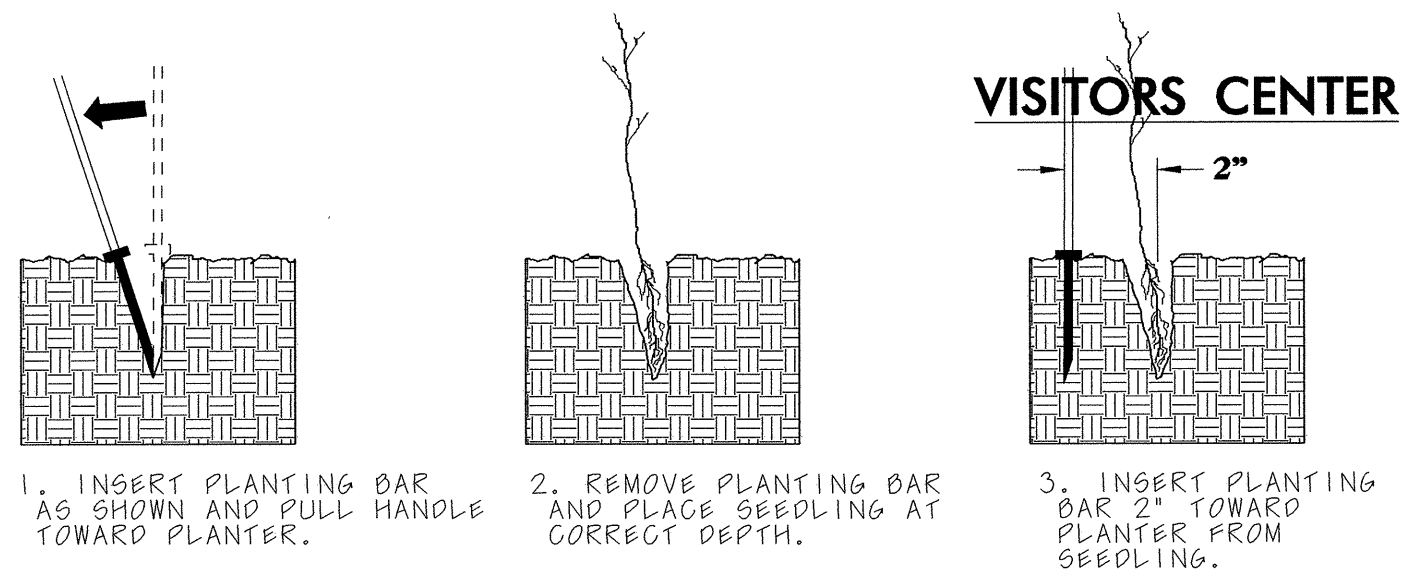


5. PLACE A 2" LAYER OF WELL ROTTED SAWDUST OVER THE ROOTS MAINTAINING A SLOPING ANGLE.



6. REPEAT LAYERS OF PLANTS AND SAWDUST AS NECESSARY AND WATER THOROUGHLY.

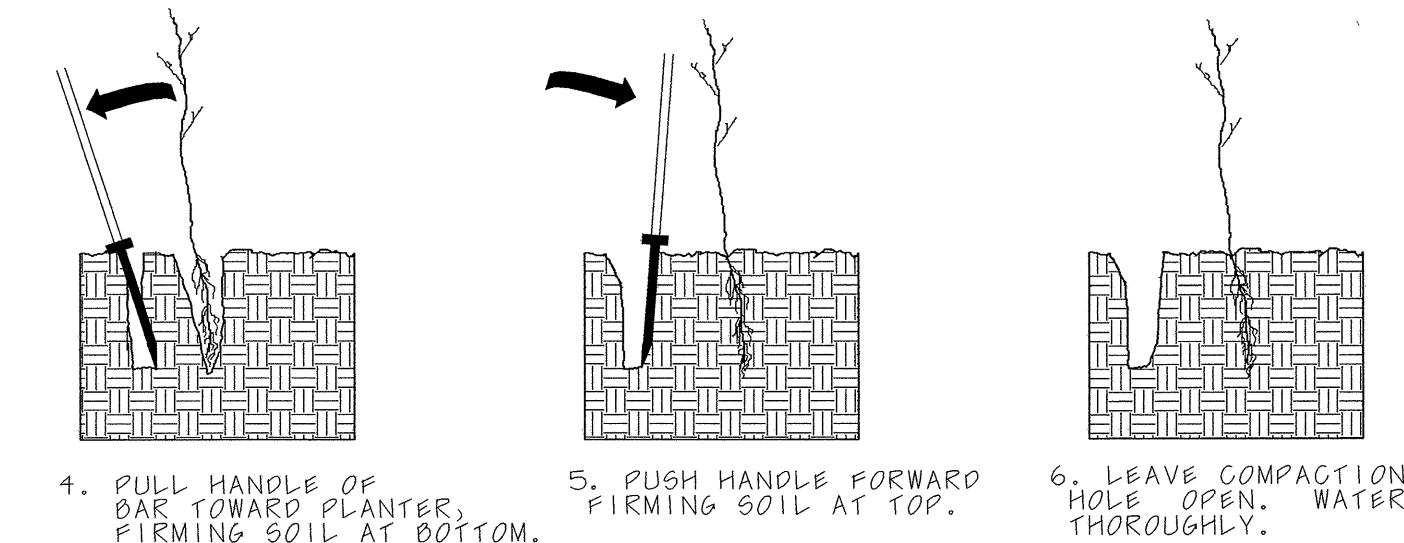
DIBBLE PLANTING METHOD USING THE KBC PLANTING BAR



1. INSERT PLANTING BAR AS SHOWN AND PULL HANDLE TOWARD PLANTER.

2. REMOVE PLANTING BAR AND PLACE SEEDLING AT CORRECT DEPTH.

3. INSERT PLANTING BAR 2" TOWARD PLANTER FROM SEEDLING.



4. PULL HANDLE OF BAR TOWARD PLANTER, FIRING SOIL AT BOTTOM.

5. PUSH HANDLE FORWARD, FIRING SOIL AT TOP.

6. LEAVE COMPACTION HOLE OPEN, WATER THOROUGHLY.

REST AREA

PLANTING NOTES:

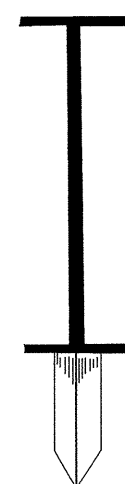
PLANTING BAG

DURING PLANTING, SEEDLINGS SHALL BE KEPT IN A MOIST CANVAS BAG OR SIMILAR CONTAINER TO PREVENT THE ROOT SYSTEMS FROM DRYING.



KBC PLANTING BAR

PLANTING BAR SHALL HAVE A BLADE WITH A TRIANGULAR CROSS SECTION, AND SHALL BE 12" LONG, 4" WIDE AND 1" THICK AT CENTER.



ROOT PRUNING

ALL SEEDLINGS SHALL BE ROOT PRUNED, IF NECESSARY, SO THAT NO ROOTS EXTEND MORE THAN 10 INCHES *10* BELOW THE ROOT COLLAR.

REFORESTATION

- REFORESTATION SHALL BE PLANTED 6' TO 10' ON CENTER, RANDOM SPACING, AVERAGING 8' ON CENTER, APPROXIMATELY 680 PLANTS PER ACRE.

- WETLAND REFORESTATION NOT USED

REFORESTATION *5.0 ACRE*

MIXTURE, TYPE, SIZE, AND FURNISH SHALL CONFORM TO THE FOLLOWING:

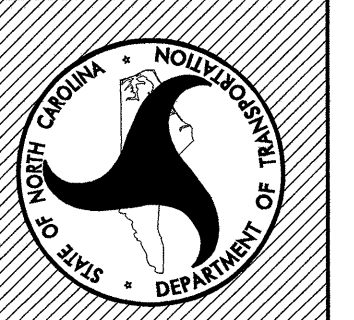
- * 20% CERCIS CANADENSIS RED BUD 12-15" SEEDLING OR
- 10% QUERCUS ALBA WHITE OAK 2 YEAR SEEDLING OR
- * 20% CORNUS FLORIDA FLOWERING DOGWOOD 12-15" SEEDLING OR
- 10% QUERCUS RUBRA RED OAK 2 YEAR SEEDLING OR
- 20% PINUS TAEDA LOBLOLLY PINE 12-15" SEEDLING OR
- 20% JUNIPERUS VIRGINIANA EASTERN REDCEDAR 12-15" SEEDLING OR

- * DENOTES PLANTS TO BE CONCENTRATED ALONG THE EDGE OF AREA NEAREST THE ROADWAY.

North Carolina Department of Transportation

Roadside Environmental Unit

Landscape Design & Development Section



PROJECT TITLE:
**Randolph Co. Visitor Center
 & Rest Area
 I-7374 (US 220)**

Plans Drawn By:

Scale

Date

Sheet Description

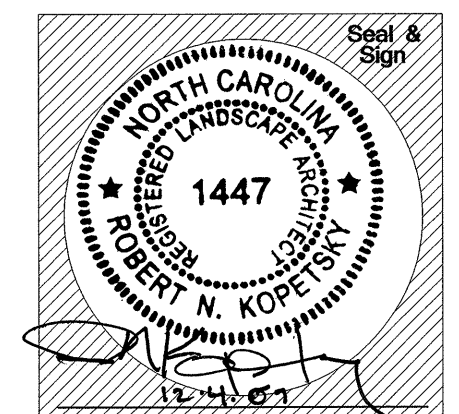
**REFORESTATION
 DETAIL SHT**

T.I.P. #

K - 3807

Sheet #

LD-017



REVISIONS			
SYM.	DESCRIPTION	DATE	BY

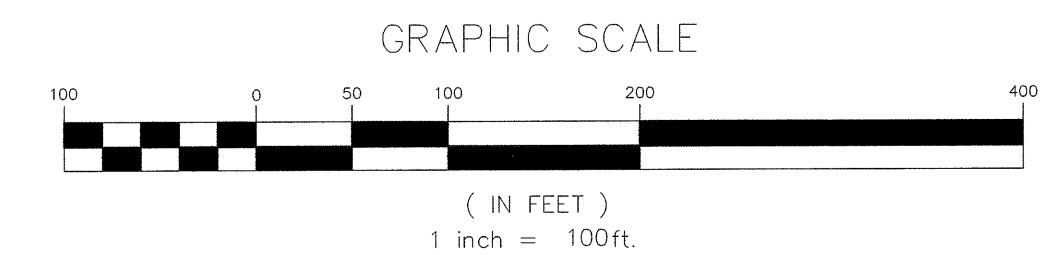
PRELIMINARY

Hobbs, Upchurch & Associates, P.A.
 Consulting Engineers, Surveyors & Land Planners
 Southern Pines, North Carolina 28387
 300 S.W. Broad Street, Southern Pines, North Carolina 28387
 Phone: (910) 692-5616 - Fax: (910) 692-7342

FOR REFERENCE ONLY
**PROPOSED
 UTILITY LAYOUT**
 FOR REFERENCE ONLY

WATER AND SEWER IMPROVEMENTS
 TO SERVE
 NCDOT VISITOR CENTER
 TOWN OF SEAGROVE
 RANDOLPH COUNTY, NORTH CAROLINA

DATE:	OCTOBER, 2007
DESIGNED:	BGL
DRAWN:	AGP
CHECKED:	BGL
SCALE:	AS SHOWN
SHEET NO.:	UR-001



GRAPHICAL REPRESENTATION
DRAWING NOT FOR CONSTRUCTION

THIS SHEET FOR
INFORMATION ONLY

THIS SHEET FOR
INFORMATION ONLY

PROPOSED TOWN
OF SEAGROVE
FIRE HYDRANT /
METER LOCATION

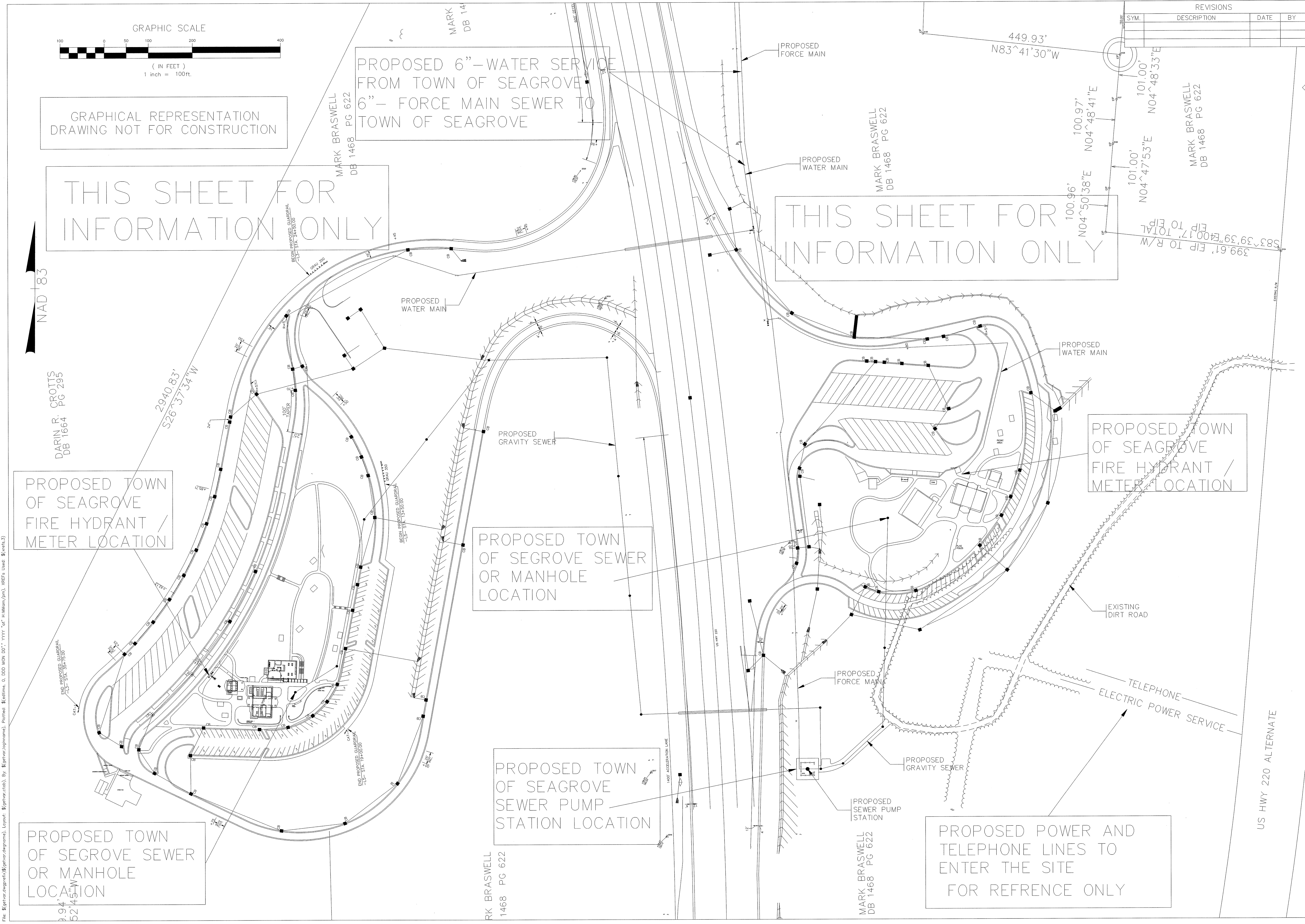
PROPOSED TOWN
OF SEAGROVE SEWER
OR MANHOLE
LOCATION

PROPOSED TOWN
OF SEAGROVE
FIRE HYDRANT /
METER LOCATION

PROPOSED TOWN
OF SEAGROVE SEWER
OR MANHOLE
LOCATION

PROPOSED TOWN
OF SEAGROVE
SEWER PUMP
STATION LOCATION

PROPOSED POWER AND
TELEPHONE LINES TO
ENTER THE SITE
FOR REFERENCE ONLY



File: \\geth\projects\geth\programs\Layout\geth\sub\By: \\geth\log\jmm\geth\sub\001\111111.dwg, Plot: \\geth\sub\001\111111.dwg, XREFs Used: Xref1.dwg