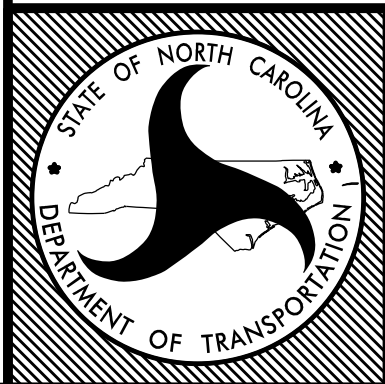


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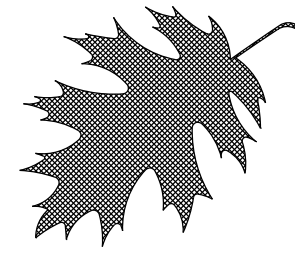
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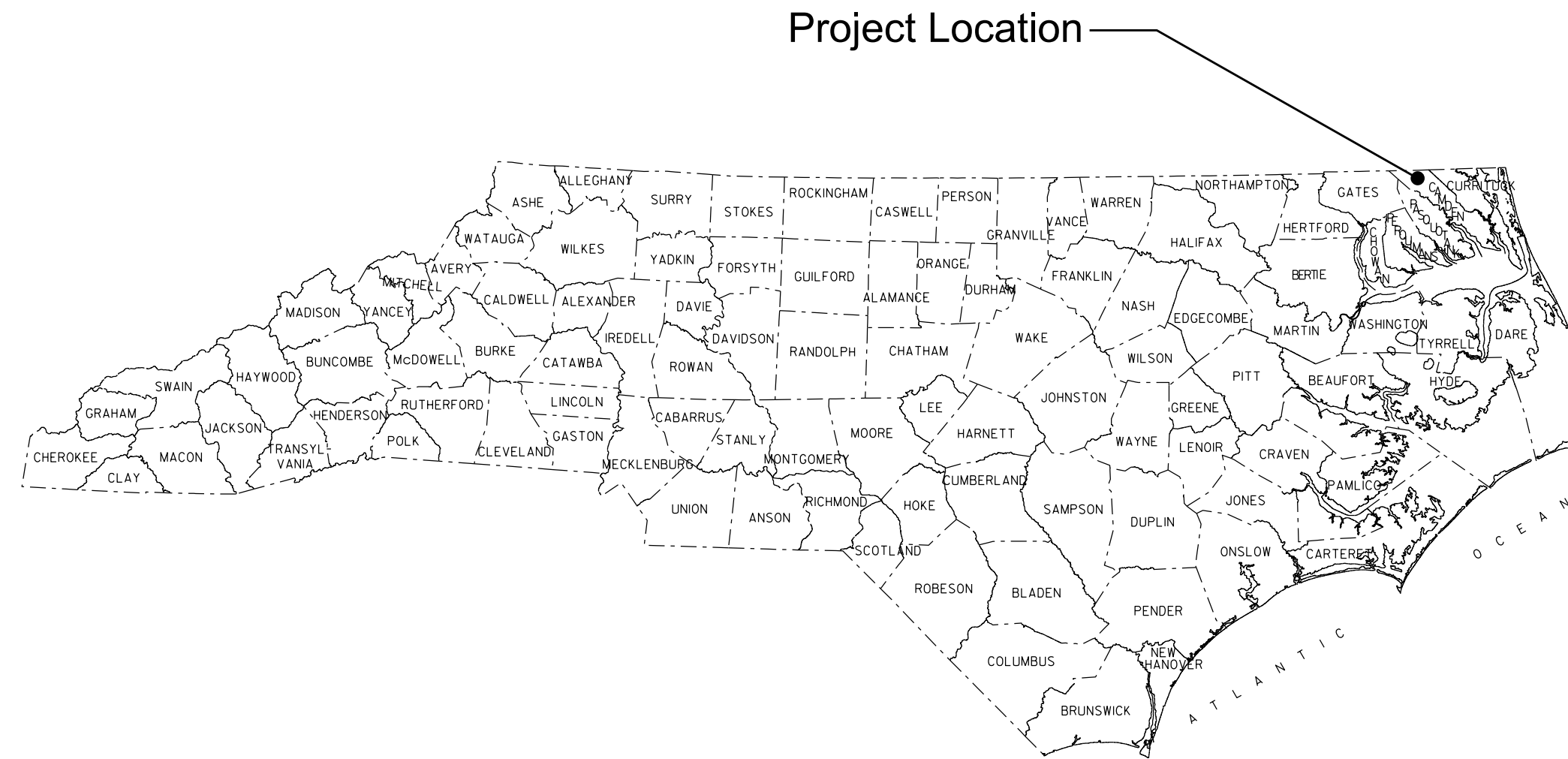
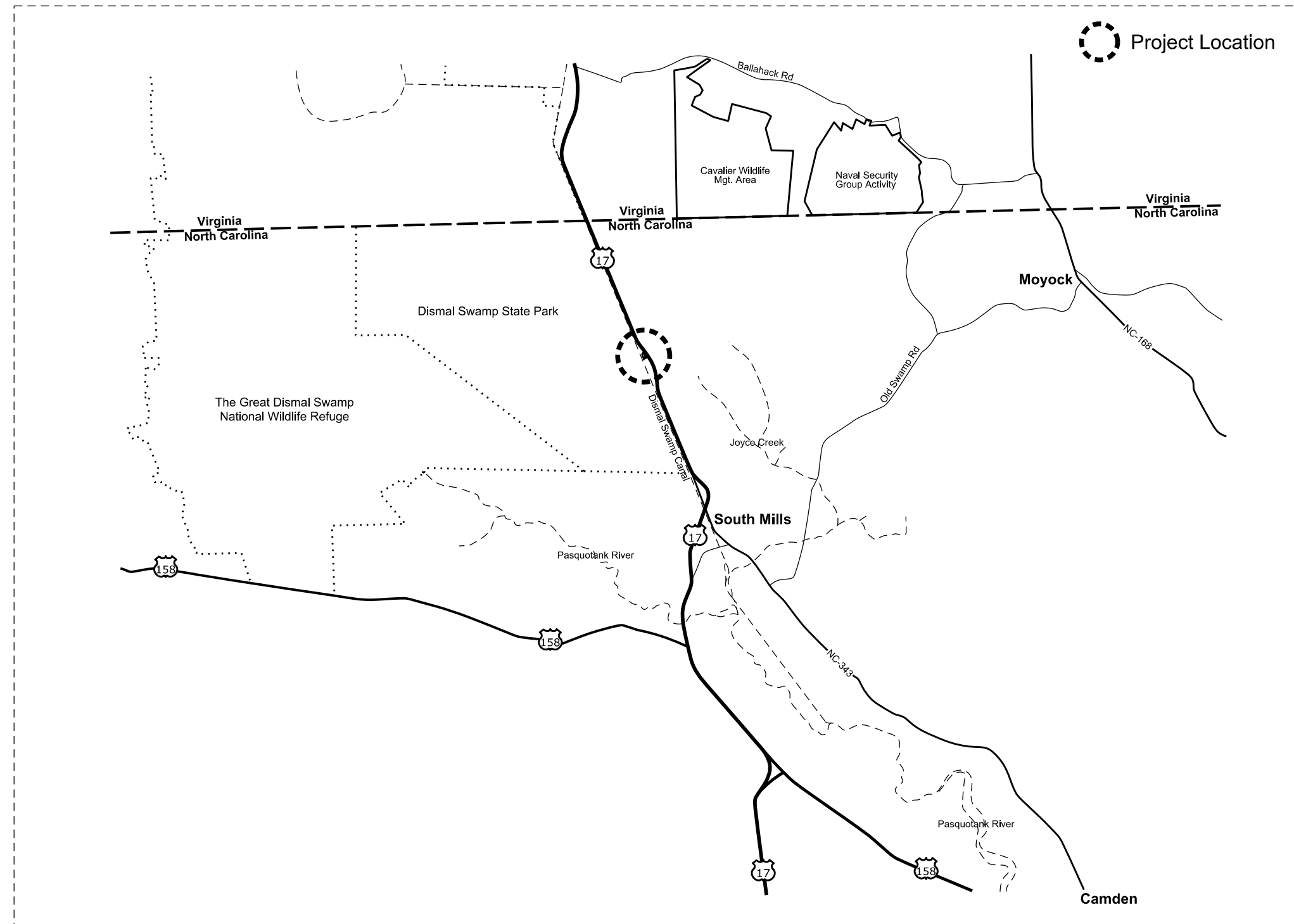
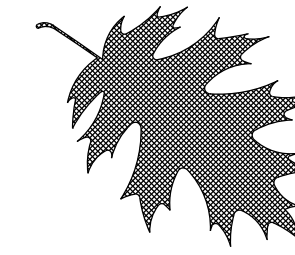
LOCATION: Camden County Visitor Center

TYPE of WORK: Enhancement Plan

COUNTY: Camden County



HIGHWAY LANDSCAPE DEVELOPMENT PROJECT













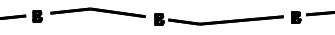
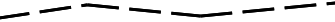








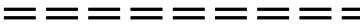

















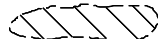

Summary of Quantities: 1 Year Establishment

| Des | SEC | QTY | UNIT | KEY | BOTANICAL NAME | COMMON NAME | SIZE | CALIPER | FURNISH | A.S.N.S. | REMARKS |
|--|------|-----|------|-----|---|--------------------------------|--------|---------|-----------|----------|----------------|
| Trees | | | | | | | | | | | |
| L | 1670 | 3 | ea | AR | <i>Acer rubrum 'Frankford'</i> Red Sunset | Red Sunset Red Maple | 10-12' | 2.25" | B&B | 12.1 | As Shown |
| L | 1670 | 7 | ea | CC | <i>Cercis canadensis 'Forest Pansy'</i> | Forest Pansy Eastern Redbud | 7-8' | 1.75-2" | B&B | 1.3 | As Shown |
| L | 1670 | 1 | ea | CO | <i>Chamaecyparis obusta 'Gipsii'</i> | Golden Hinoki False Cypress | 4-5' | | B&B | 12.3 | As Shown |
| L | 1670 | 6 | ea | CF | <i>Cornus florida</i> | Flowering Dogwood | 6-7' | 2" | B&B | 12.4 | As Shown |
| L | 1670 | 6 | ea | CR | <i>Cornus florida 'Rubra'</i> | Pink Flowering Dogwood | 5-6' | | #15 Cont. | 12.4 | As Shown |
| L | 1670 | 17 | LM | LM | <i>Laegrethia indica 'Muskoque'</i> | Muskoque Grape Myrtle | 8-10' | | B&B | 2.24 | 3-4 Stem |
| L | 1670 | 15 | ea | PT | <i>Pinus strobus</i> | Loblolly Pine | 8-10' | 3" | B&B | 3.24 | As Shown |
| L | 1670 | 3 | ea | UP | <i>Ulmus parviflorus</i> | Laobach Elm | 15-* | 4.45" | B&B | | As Shown |
| Shrubs | | | | | | | | | | | |
| L | 1670 | 2 | ea | EC | <i>Elaeagnus chinensis</i> | Paper Plant | 24-30" | | #7 Cont. | 4.23 | As Shown |
| L | 1670 | 35 | ea | EC | <i>Erica carnea 'Carissa'</i> | Carissa Holly | 18-24" | | #7 Cont. | 4.23 | 4 O.C. |
| L | 1670 | 95 | ea | LC | <i>Leopoldium chrysanth 'Daurum Camellia'</i> | Dwarf Chinese Fringe Flower | 18-24" | | #7 Cont. | 4.23 | 4 O.C. |
| L | 1670 | 50 | ea | RM | <i>Rosa 'Meigall'</i> | Pink Drift Rose | 18-24" | | #2 Cont. | 5.2 | 3 O.C. |
| L | 1670 | 47 | ea | RR | <i>Rosa 'Nozdrak Pink'</i> | Double Pink Knockout Rose | 18-24" | | #3 Cont. | 5.2 | 4 O.C. 3 Canes |
| L | 1670 | 35 | ea | SI | <i>Spiraea japonica 'Gold Mound'</i> | Gold Mound Spirea | 18-24" | | #3 Cont. | 2.22 | 4 O.C. |
| Grasses/Groundcovers/Perennials | | | | | | | | | | | |
| L | 1670 | 32 | ea | CA | <i>Carex comans 'Amazon Mist'</i> 'Iloca Blue Zinger' | Sedge | 6-12" | | 32/flat | 12.4 | As Shown |
| L | 1670 | 64 | ea | CE | <i>Carex flacca</i> | Bristle-Sail Sedge | 6-12" | | 32/flat | 12.4 | As Shown |
| L | 1670 | 589 | SY | ED | <i>Eriophorum angustifolium</i> (10%) | Centioides Grass | 6-12" | | #18 | | As Shown |
| L | 1670 | 62 | ea | HC | <i>Hemerocallis 'Cameal'</i> | Caramel Coral Balls | 6-12" | | #18 | 22.23 | 15 O.C. |
| L | 1670 | 27 | ea | HE | <i>Hemerocallis 'Dark Secret', Purple Palace', 'Obsidian'</i> | Coral Balls | 6-12" | | #1 Cont. | 22.23 | 15 O.C. |
| L | 1670 | 683 | ea | HA | <i>Hemerocallis 'Aster Gold'</i> | Aster Gold Daylily | 6-12" | | #1 Cont. | 12.23 | 2 O.C. |
| L | 1670 | 23 | ea | IS | <i>Iris sibirica 'Caesar's Brother'</i> | Caesar's Brother Siberian Iris | 6-12" | | #3 Cont. | 12.23 | As Shown |
| L | 1670 | 95 | ea | MC | <i>Muhlenbergia capillaris</i> | Pink Muhlenberg Grass | 18-24" | | #3 Cont. | 12.4 | 3 O.C. |
| L | 1670 | 16 | ea | NE | <i>Nepeta 'Six Whiskers'</i> | Catmint | 6-12" | | #3 Cont. | 12.4 | 3 O.C. |
| L | 1670 | 72 | ea | PV | <i>Panicum virgatum 'Heavy Metal'</i> | Blue Switchgrass | 18-24" | | #3 Cont. | 12.4 | 2.5 O.C. |
| L | 1670 | 7 | ea | PA | <i>Pennisetum alopecuroides 'Cassian'</i> | Dwarf Fountain Grass | 18-24" | | #3 Cont. | 12.4 | 2.5 O.C. |
| L | 1670 | 110 | ea | SS | <i>Salvia x sylvestris 'Scheuchzer'</i> | Shawl Hill Perennial Sage | 6-12" | | #1 Cont. | 12.4 | 1.5 O.C. |

| | | | | Other Vegetation Costs | | | | | |
|-------------------------------|------|------|------|---|--|--|--|--|-------------|
| L | 1670 | 1 | LS | Selective Vegetation Removal | | | | | |
| L | 1670 | 2 | eo | Selective Tree Removal (15'-20') | | | | | |
| L | 1670 | 4 | eo | Selective Tree Removal (11'-15') | | | | | |
| L | 1670 | 4 | eo | Selective Tree Removal (16'-20') | | | | | |
| L | 1670 | 8 | eo | Selective Tree Removal (21'-25') | | | | | |
| L | 1670 | 8 | eo | Selective Tree Removal (26'-30') | | | | | |
| L | 1670 | 3 | eo | Selective Tree Removal (31'-35') | | | | | |
| L | 1670 | 12 | eo | Pruning & Shaping Trees, Shrubs, and Plants | | | | | |
| L | 1670 | 245 | CV | Mulch for New Plant Beds and Trees | | | | | Depth of 3" |
| L | 1670 | 170 | CV | Mulch After Planting | | | | | |
| L | 1670 | 19 | M/G | Water for Planting | | | | | |
| L | 1670 | 19 | M/G | Water After Planting | | | | | |
| L | 1670 | 1 | Aere | Seeding & Mulching (Centipede Mix) | | | | | |
| L | 1670 | 1390 | SV | Pre emergence Herbicidal Treatment | | | | | |
| L | 1670 | 1390 | SV | Post emergence Herbicidal Treatment | | | | | |
| Demolition Costs | | | | | | | | | |
| L | 1670 | 579 | SV | Concrete sidewalk/pad removal | | | | | |
| L | 1670 | 1 | LS | Lower Existing Sign Lighting | | | | | |
| L | 1670 | 1 | eo | Relocate Plastic Table | | | | | |
| L | 1670 | 1 | LS | Relocate/Remove Site Amenities | | | | | |
| New Construction Costs | | | | | | | | | |
| L | 1670 | 2.5 | Ton | 1-2" River Stone | | | | | |
| L | 1670 | 30 | Ton | 6-12" River Stone | | | | | |
| L | 1670 | 1 | LS | Masonry Drainage Structure | | | | | |
| L | 1670 | 421 | SV | 4" Concrete Sidewalk | | | | | |
| L | 1670 | 99 | SV | 6" Concrete Drive Way | | | | | |
| L | 1670 | 50 | LF | 4" PVC SCH 40 Sidewalk Sleeve Pipe | | | | | |
| L | 1670 | 62 | LF | 2" Wood Fence | | | | | |
| L | 1670 | 2 | eo | Concrete Curb Ramp | | | | | |
| L | 1670 | 3 | eo | Recofritted Concrete Detectable Warning Domes | | | | | |
| L | 1670 | 1 | LS | Accent Lighting | | | | | |
| L | 1670 | 119 | CV | Topsoil | | | | | |
| L | 1670 | 13 | eo | Concrete Bollards | | | | | |
| L | 1670 | 519 | SV | Composite Decking | | | | | |
| L | 1670 | 1 | LS | Shs Stormwater Drainage | | | | | |
| L | 1670 | 1 | LS | Dry Creek Bed Drainage | | | | | |
| L | 1670 | 1 | LS | Landscape Grading | | | | | |
| L | 1670 | 3 | eo | Landscape Boulders | | | | | |
| L | 1670 | 1 | eo | New Roadway Lights & Composite Pole | | | | | |
| L | 1670 | 30 | CV | Reinforced Concrete Seat Wall | | | | | |
| L | 1670 | 980 | SV | Stone Pavers | | | | | |
| L | 1670 | 165 | LF | Wood Bench Caps | | | | | |

| | | | |
|--------------|------------------------|---------|------------------|
| T.I.P. # | STATE PROJECT W.B.S. # | SHEET # | SHEET # TOTAL |
| - | 3701.3.24 | L1 | 19 |
| FED. PROJ. # | DESCRIPTION | | DIVISION |
| - | Enhancement | | 1 |

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 |  |

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- L 1.0 - Title Sheet
- L 2.0 - Existing Utilities
- L 3.0 - Demolition Plan
- L 4.0 - Demolition Plan Quadrant 1
- L 5.0 - Demolition Plan Quadrant 2
- L 6.0 - Hardscapes Plan
- L 7.0 - Enhancement Plan
- L 8.0 - Enhancement Plan Quadrant 1
- L 9.0 - Enhancement Plan Quadrant 2
- L 10.0 - Enhancement Plan Quadrant 3
- L 11.0 - Enhancement Plan Quadrant 3 Enlarged
- L 12.0 - Enhancement Plan Quadrant 4
- L 13.0 - Drainage Plan
- L 14.0 - Lighting Plan
- L 15.0 - Planting Details
- L 16.0 - Seat Wall and Dry Creek Bed Details
- L 17.0 - Wood Slat Fence and Stone Paver Details
- L 18.0 - Composite Decking Details
- L 19.0 - Lighting Details & Specs.

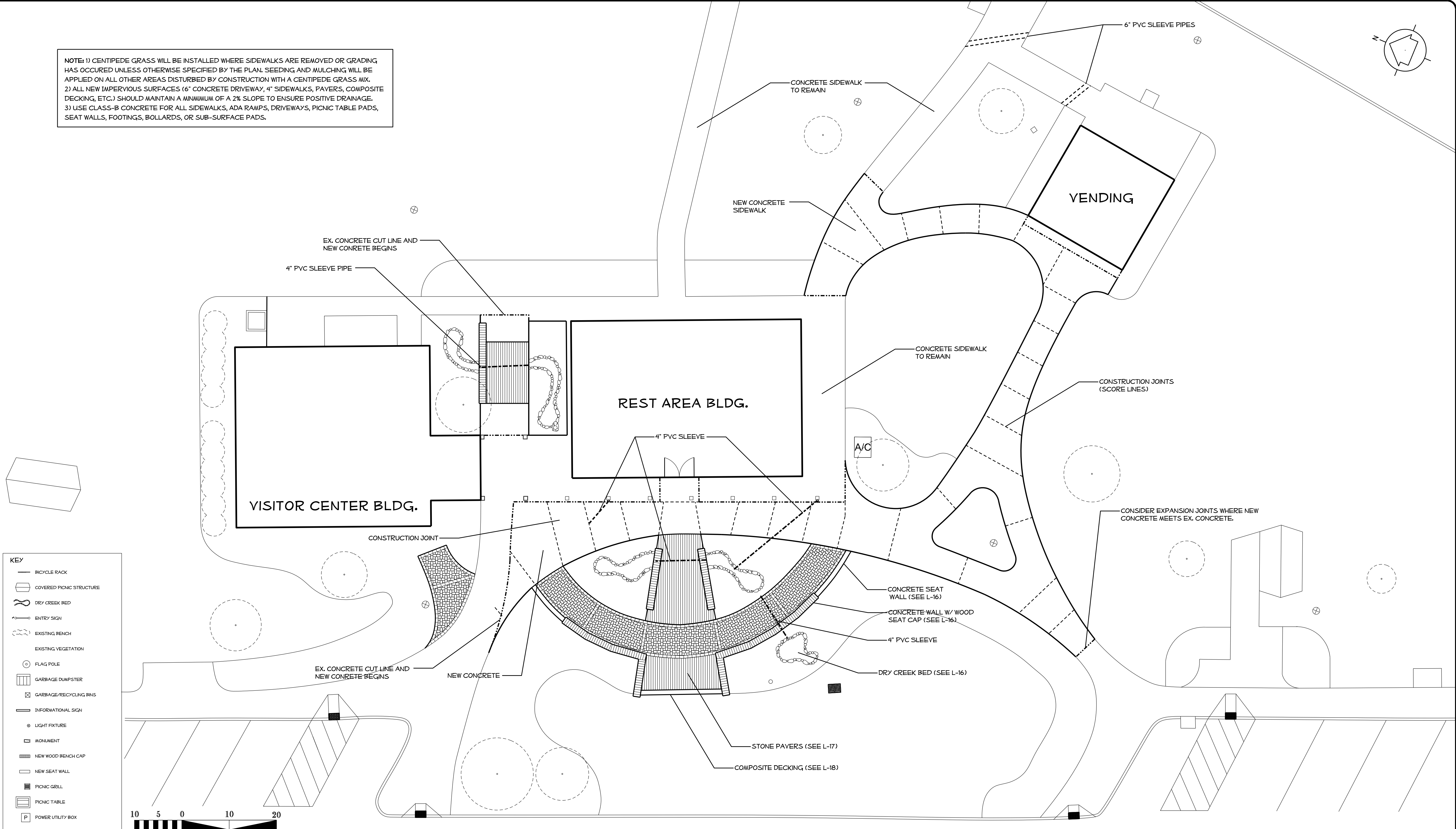
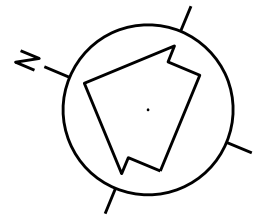
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REVISIONS

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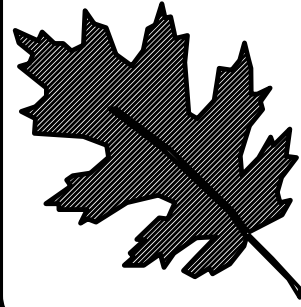
2014 American Standard for Nursery Stock
2012 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2920

NOTE: 1) CENTIPEDE GRASS WILL BE INSTALLED WHERE SIDEWALKS ARE REMOVED OR GRADING HAS OCCURED UNLESS OTHERWISE SPECIFIED BY THE PLAN. SEEDING AND MULCHING WILL BE APPLIED ON ALL OTHER AREAS DISTURBED BY CONSTRUCTION WITH A CENTIPEDE GRASS MIX.
2) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAVERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE.
3) USE CLASS-B CONCRETE FOR ALL SIDEWALKS, ADA RAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.



KEY

- BICYCLE RACK
- COVERED PICNIC STRUCTURE
- DRY CREEK BED
- ENTRY SIGN
- EXISTING BENCH
- EXISTING VEGETATION
- FLAG POLE
- GARBAGE DUMPSTER
- GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- LIGHT FIXTURE
- MONUMENT
- NEW WOOD BENCH CAP
- NEW SEAT WALL
- PICNIC GRILL
- PICNIC TABLE
- POWER UTILITY BOX



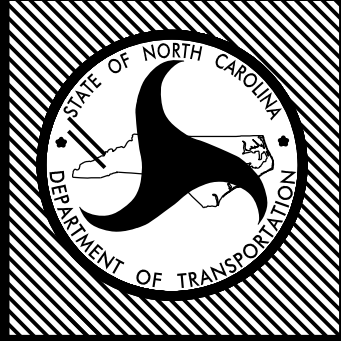
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CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24

REV. DESIGNER
Kyle Cooper

| | | |
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| SHEET DESCRIPTION: | PREL. DESIGN DATE: | APRIL 2015 |
| | CHECKED BY & DATE: | |
| | FINAL DESIGN DATE: | JUNE 30, 2015 |

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| HARDSCAPES PLAN |
| LANDSCAPE PLAN SHEET |



| | |
|------------|-----------------|
| T.I.P. # | WBS # 3701.3.24 |
| FED I.D. # | |
| SHEET NO: | TOTAL SHEET NO: |
| L-6 | 19 |

Quadrant 1

Quadrant 2

NOTE: 1) CENTIPEDE GRASS WILL BE INSTALLED WHERE SIDEWALKS ARE REMOVED OR GRADING HAS OCCURRED UNLESS OTHERWISE SPECIFIED BY THE PLAN. SEEDING AND MULCHING WILL BE APPLIED ON ALL OTHER AREAS DISTURBED BY CONSTRUCTION WITH A CENTIPEDE GRASS MIX.

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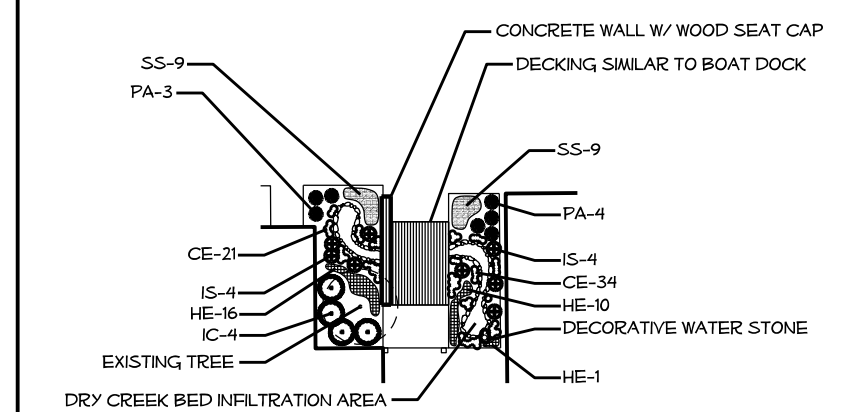
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| Q77 | KEY | ROMANICAL NAME | COMMON NAME | SPACING |
|-----|-----|--|-------------------------------------|----------|
| 3 | AR | ACEP FLORIB. 'HARMESBERG' RED SANSSET | RED SANSSET RED PEARL EASTER | AS SHOWN |
| 32 | AR | CAEON DUMEXI 'HARMESBERG' WHITE PLACER BELLY ZINGER' | WHITE PLACER BELLY ZINGER | AS SHOWN |
| 7 | CC | CECEUS CHAMBERSII 'FOREST PANSE' | FOREST PANSE FOREST ANTERIOR REDBUR | AS SHOWN |
| 64 | CE | CECIS DUMEXI | WHITE-LEAF SEDGE | AS SHOWN |
| 6 | CE | CECIS FLORIB. | FLOWERING DOORDOOR | AS SHOWN |
| 1 | CE | CHAMAEPSYPS ORBITUS 'COMPSIF' | GOLDEN-HOOF WHITE CYPRUS | AS SHOWN |
| 6 | CE | CECIS FLORIB. RUBRA | PIK FLOWERING DOORDOOR | AS SHOWN |
| 8 | CE | EDGEMONTIA FLORIB. | PARROT PLANT | AS SHOWN |
| 559 | CE | EDGEMONTIA CHAMBERSII 'SABU' | SPENTERSGRASS | AS SHOWN |
| 62 | HA | HEMORHUS 'SACRED BELL' | ATLANTIC GOLD DAPPLES | AS SHOWN |
| 68 | HE | HEMORHUS 'SACRED BELL' | CANDOR CORAL ROCK | 10 G |
| 81 | HE | HEMORHUS 'SACRED BELL', 'THURPE PLANT', 'ORANGE SUEDE', 'ORANGE SUEDE', 'ORANGE SUEDE' | CORAL ROCK | 10 G |
| 35 | IC | ILEX CORDATA 'CASSIA'S' | CASSIA'S HILL | AS SHOWN |
| 23 | IS | ISOLANDIA 'CASSIA'S BROTHER' | CASSIA'S BROTHER'S BREDRONS | AS SHOWN |
| 137 | IS | ISOLANDIA 'CASSIA'S BROTHER' | SWAMP CHERRY FRINGE FLOWER | 10 G |
| 10 | LA | LAGERSTROMIA 'CASSIA'S BROTHER' | HUSKOGRE CRAPLE WORTLE | 20 G |
| 40 | LA | LAGERSTROMIA 'CASSIA'S BROTHER' | PIK HILL GRASS | 30 G |
| 140 | LE | LEUCIS 'CASSIA'S BROTHER' | CRAPLE WORTLE | 20 G |
| 7 | PA | PANACEA 'CASSIA'S BROTHER' | DWARF FLOUTING GRASS | AS SHOWN |
| 36 | PT | PTERIS 'CASSIA'S BROTHER' | LORELIN PLANT | AS SHOWN |
| 72 | PY | PYCNOCOMUS 'CASSIA'S BROTHER' | LEAF SWIFTS | 1-2 G |
| 50 | RA | ROSA 'CASSIA'S BROTHER' | DOUBLE PINK DOORDOOR | 20 G |
| 47 | RS | ROSA 'CASSIA'S BROTHER' | PEACH PINK KNOCKOUT ROSE | 7 G |
| 31 | SP | SPERMATOPHYTES 'CASSIA'S BROTHER' | ROSE HEDGE SPERMATOPHYTES | AS SHOWN |
| 10 | SS | SSILVA 'CASSIA'S BROTHER' | SILVA HILL PERENNIAL SAGE | 15 G |
| 1 | UP | UPPERIA 'CASSIA'S BROTHER' | LACINIA HILL | AS SHOWN |

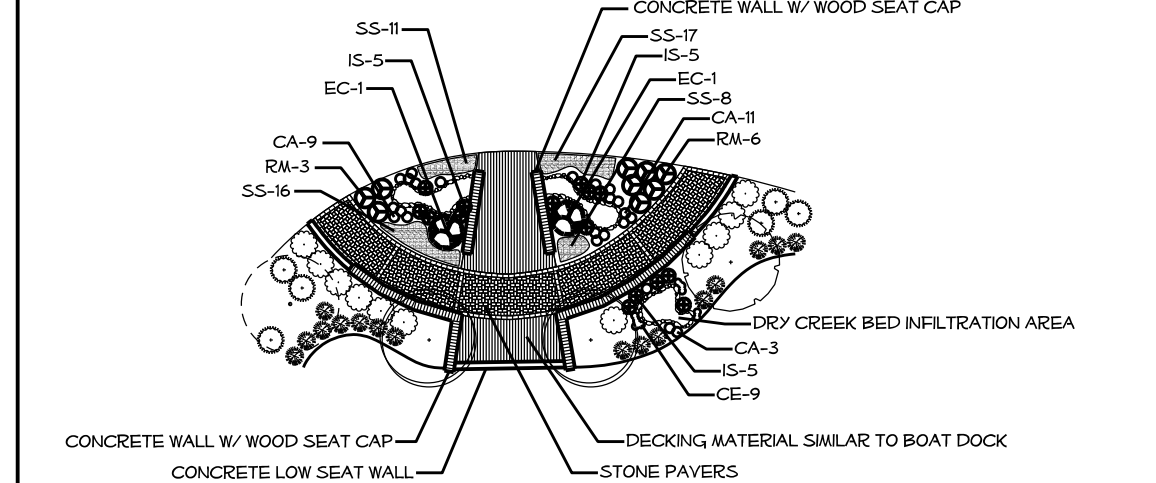
Quadrant 3

Quadrant 4

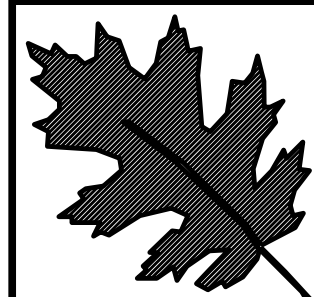
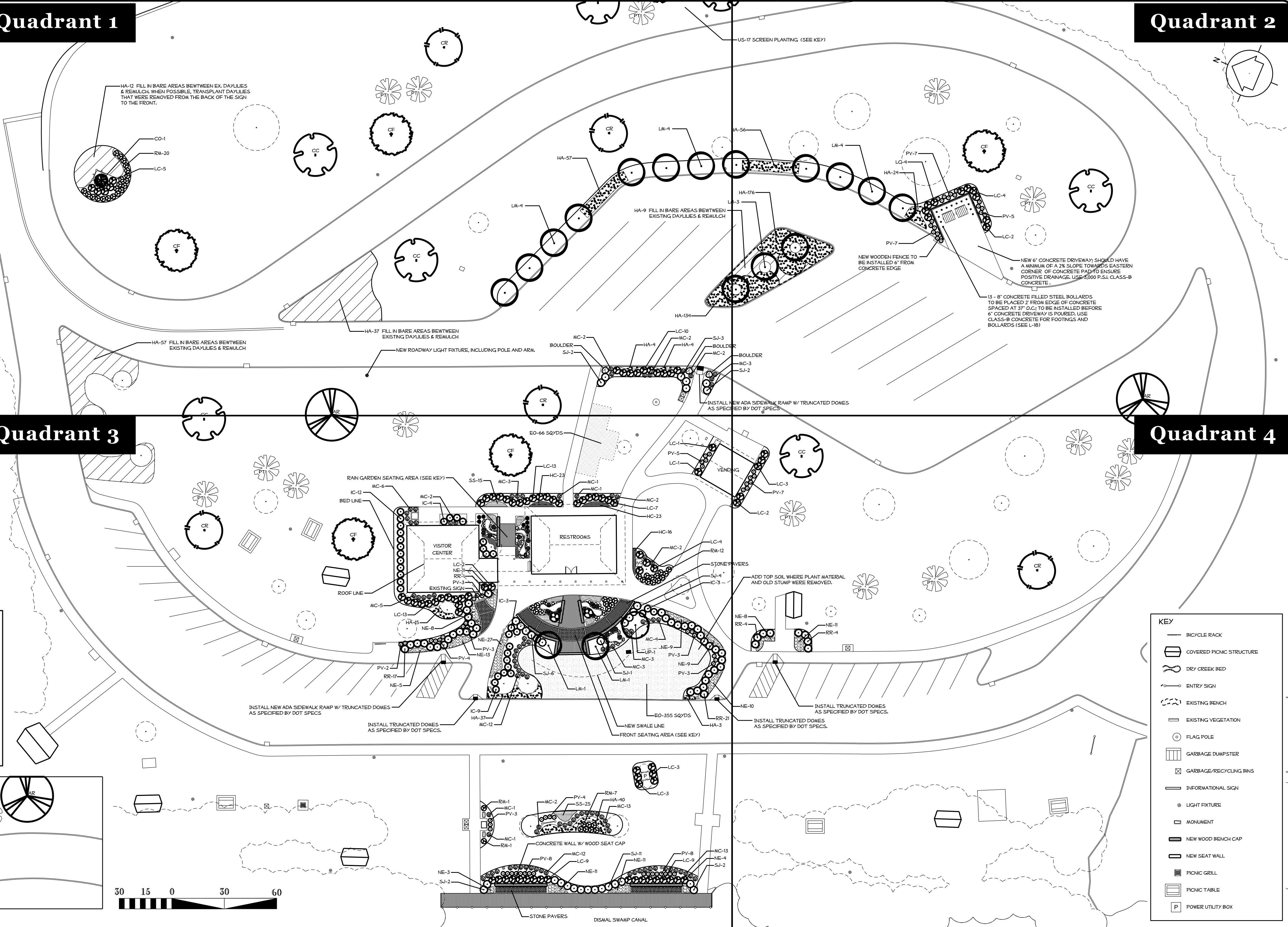
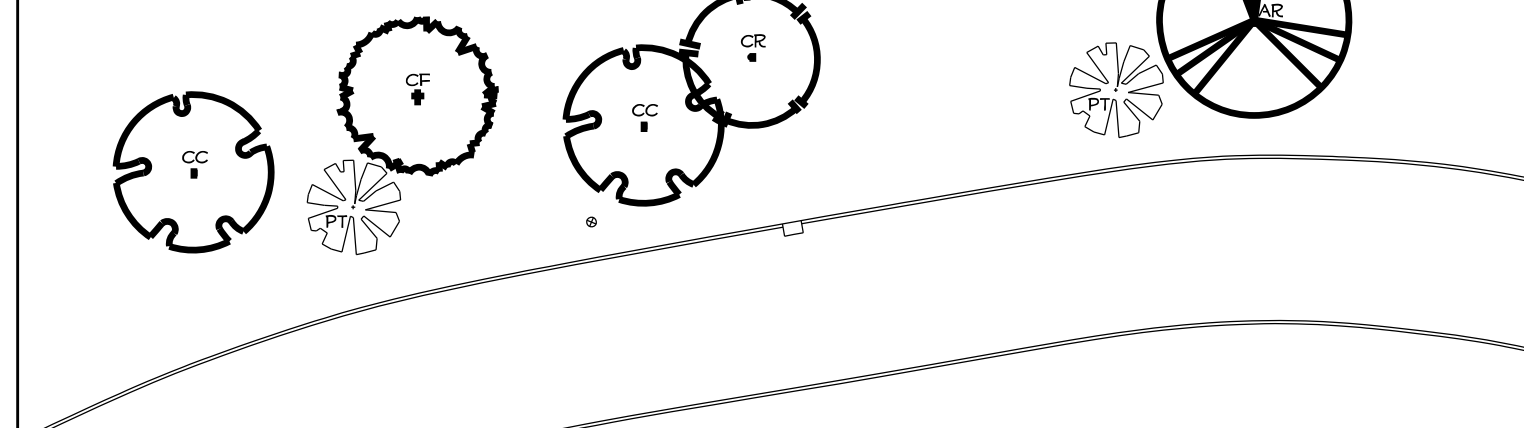
RAIN GARDEN SEATING AREA



FRONT SEATING AREA



US-17 SCREEN PLANTING

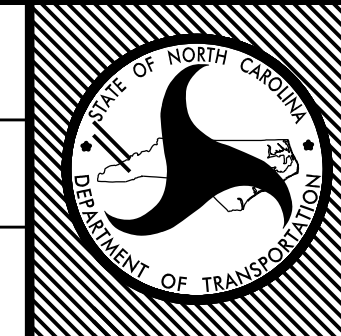


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CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24

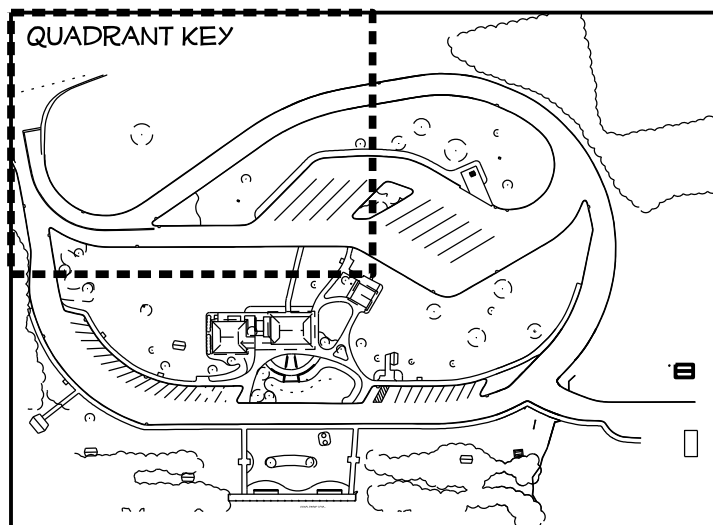
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| | CHECKED BY & DATE : | B. MINTER |
| | FINAL DESIGN DATE : | JUNE 30, 2015 |

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|----------------------|
| ENHANCEMENT PLAN |
| LANDSCAPE PLAN SHEET |



| | |
|-------------------|------------------|
| T.I.P. # | |
| WBS # | 3701.3.24 |
| FED I.D. # | |
| SHEET NO : | TOTAL SHEET NO : |
| <i>L-7</i> | <i>19</i> |

Quadrant 1



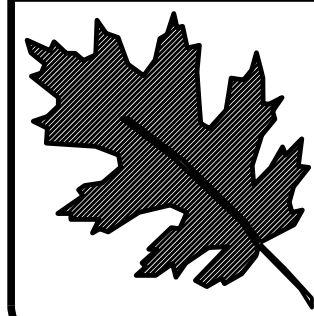
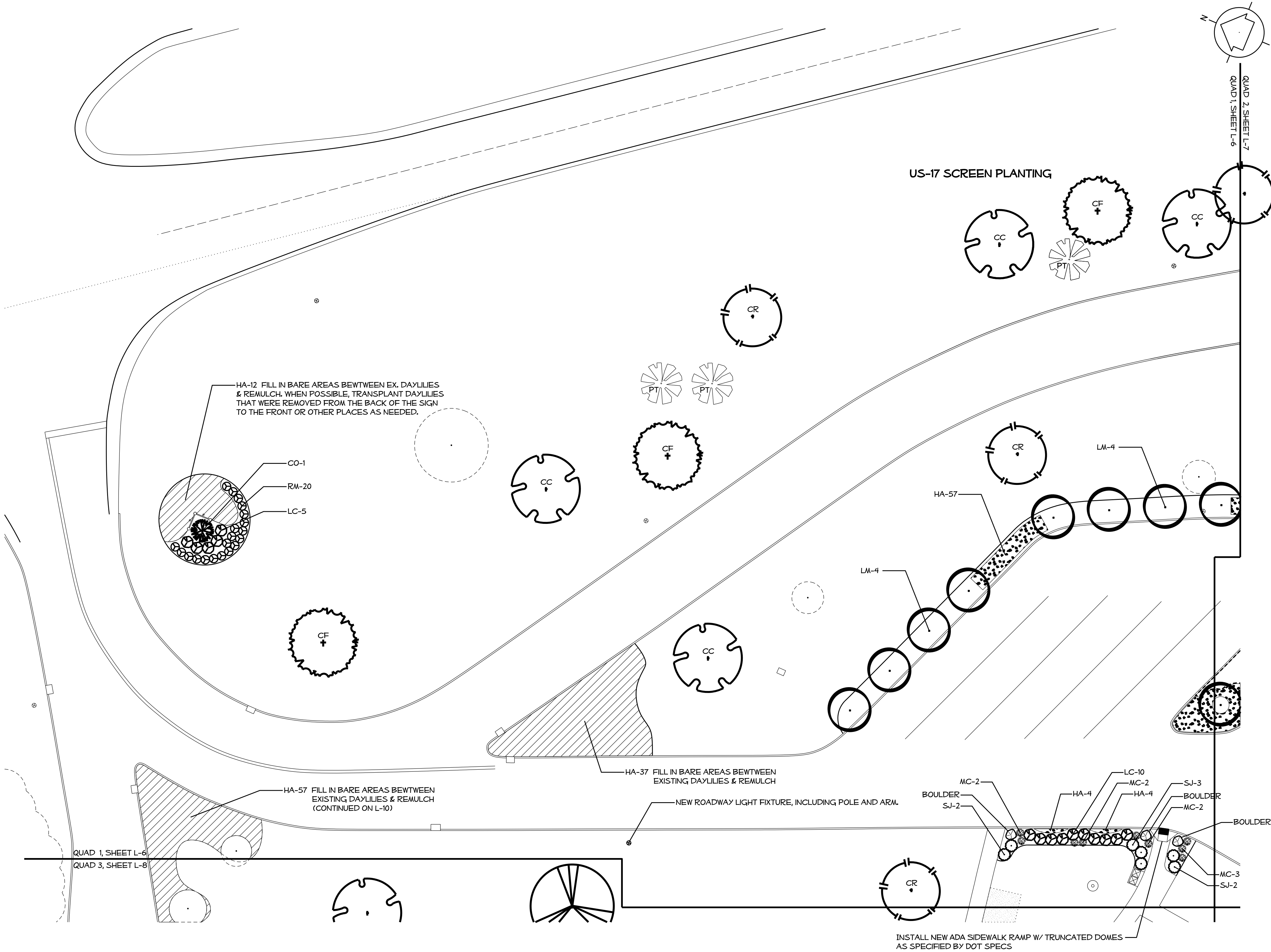
KEY

- BICYCLE RACK
- COVERED PICNIC STRUCTURE
- DRY CREEK BED
- ENTRY SIGN
- EXISTING BENCH
- EXISTING VEGETATION
- FLAG POLE
- GARBAGE DUMPSTER
- GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- LIGHT FIXTURE
- MONUMENT
- NEW WOOD BENCH CAP
- NEW SEAT WALL
- PICNIC GRILL
- PICNIC TABLE
- POWER UTILITY BOX



NOTE: CENTIPEDE GRASS WILL BE INSTALLED WHERE SIDEWALKS ARE REMOVED OR GRADING HAS OCCURRED UNLESS OTHERWISE SPECIFIED BY THE PLAN. SEEDING AND MULCHING WILL BE APPLIED ON ALL OTHER AREAS DISTURBED BY CONSTRUCTION WITH A CENTIPEDE GRASS MIX.

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|---------------------------------------|------------------------------|----------|
| 4 | CC | CERIS CANADENSIS 'FOREST PANSY' | FOREST PANSY/ EASTERN REDBUD | AS SHOWN |
| 3 | CF | CORNUS FLORIDA | FLOWERING DOGWOOD | AS SHOWN |
| 1 | CO | CHAMAECIPARIS OBTRUSA 'CROPPSI' | GOLDEN HINOKI FALSE CYPRESS | AS SHOWN |
| 3 | CR | CORNUS FLORIDA 'RUBRA' | PINK FLOWERING DOGWOOD | AS SHOWN |
| 171 | HA | HEMEROCALLIS 'AZTEC GOLD' | AZTEC GOLD DAYLILY | 2' O.C. |
| 15 | LC | LOROPETALUM CHINENSE 'DARUMA COMPACT' | DWARF CHINESE FRINGE FLOWER | 4' O.C. |
| 8 | LM | LAGERSTROEMIA INDICA 'MUSKOGEE' | MUSKOGEE CRAPPE MYRTLE | 20' O.C. |
| 9 | MC | MULLENBERGIA CAPILLARIS | PINK MUHLY GRASS | 3' O.C. |
| 3 | PT | PAVUS TAEDA | LOBLOLLY PINE | AS SHOWN |
| 20 | RM | ROSA 'MEIGLI' | PEACH DRIFT ROSE | 3' O.C. |
| 7 | SJ | SPIRAEA JAPONICA 'GOLD MOUND' | GOLD MOUND SPIRAEA | 4' O.C. |



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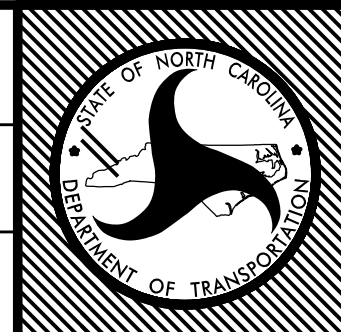
REV. DESIGNER

Kyle Cooper

SHEET DESCRIPTION:

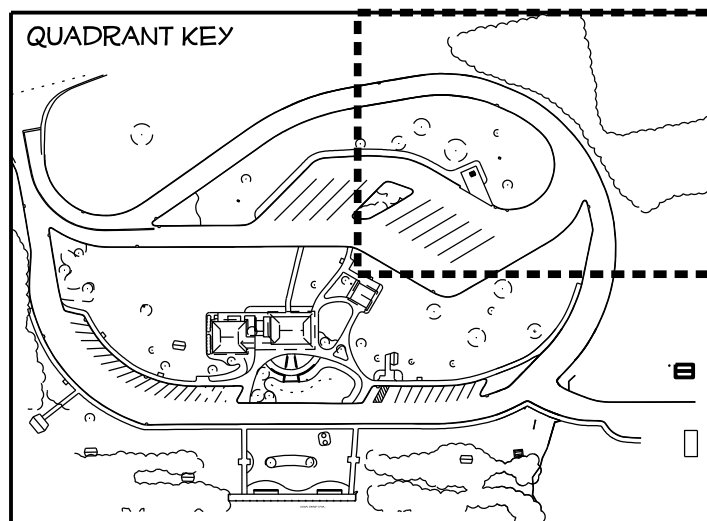
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CHECKED BY & DATE: B. MINTER
FINAL DESIGN DATE: JUNE 30, 2015

ENHANCEMENT PLAN
LANDSCAPE PLAN SHEET



T.I.P. #
WBS # 3701.3.24
FED I.D. #
SHEET NO: L-8
TOTAL SHEET NO: 19

Quadrant 2



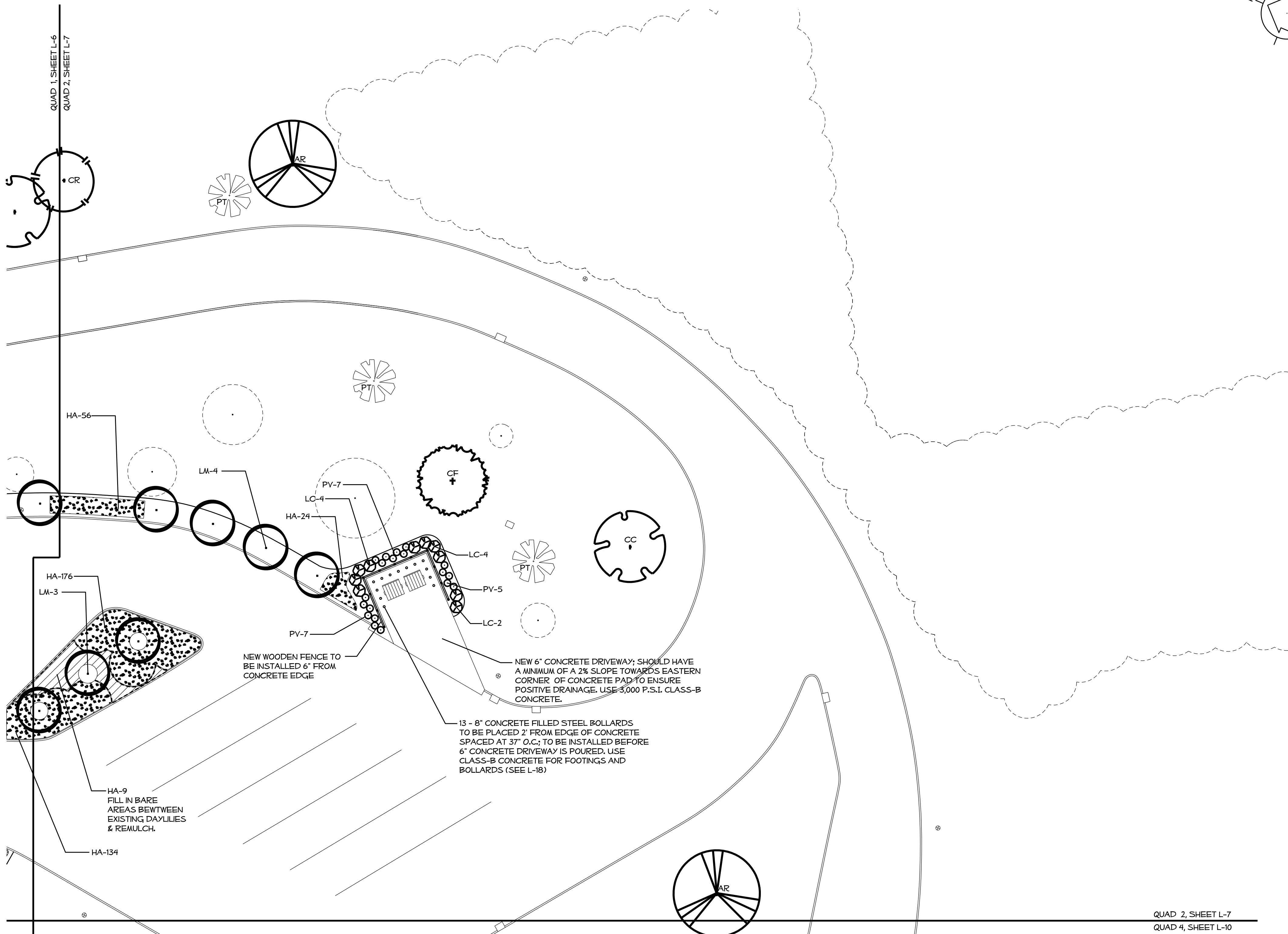
KEY

- BICYCLE RACK
- COVERED PICNIC STRUCTURE
- DRY CREEK BED
- ENTRY SIGN
- EXISTING BENCH
- EXISTING VEGETATION
- FLAG POLE
- GARBAGE DUMPSTER
- GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- LIGHT FIXTURE
- MONUMENT
- NEW WOOD BENCH CAP
- NEW SEAT WALL
- PICNIC GRILL
- PICNIC TABLE
- POWER UTILITY BOX

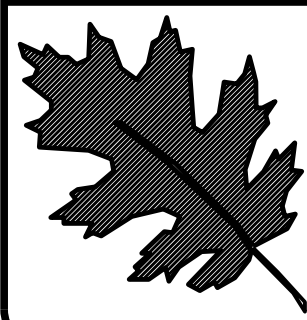


NOTE: 1) USE CLASS-B CONCRETE FOR ALL SIDEWALKS, ADA RAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.
2) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAVERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE.

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|---------------------------------------|-----------------------------|-----------|
| 2 | AR | ACER RUBRUM 'FRANKS RED' RED SUNSET | RED SUNSET RED MAPLE | AS SHOWN |
| 1 | CC | CERCIS CANADENSIS 'FOREST PANIS' | FOREST PANIS EASTERN REDBUD | AS SHOWN |
| 1 | CF | CORNUS FLORIDA | FLOWERING DOGWOOD | AS SHOWN |
| 1 | CR | CORNUS FLORIDA 'RUBRA' | PINK FLOWERING DOGWOOD | AS SHOWN |
| 416 | HA | HEMEROCALLIS 'AZTEC GOLD' | AZTEC GOLD DAYLILY | 2' O.C. |
| 10 | LC | LODOPETALUM CHINENSE 'DARUNA COMPACT' | DWARF CHINESE FRINGE FLOWER | 4' O.C. |
| 7 | LM | LAGERSTROEMIA INDICA 'MUSKOGEE' | MUSKOGEE CRAPPE WYRTLE | 20' O.C. |
| 3 | PT | PINUS TAEDA | LOBLOLLY PINE | AS SHOWN |
| 19 | PV | PANICUM VIRGATUM 'HEAVY METAL' | BLUE SWITCHGRASS | 2.5' O.C. |



QUAD 2, SHEET L-7
QUAD 4, SHEET L-10



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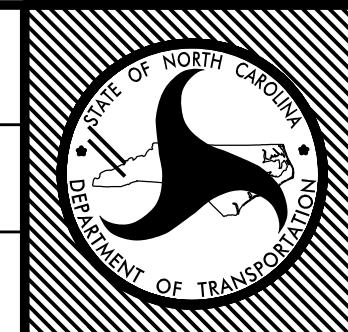
REV. DESIGNER

Kyle Cooper

SHEET DESCRIPTION:

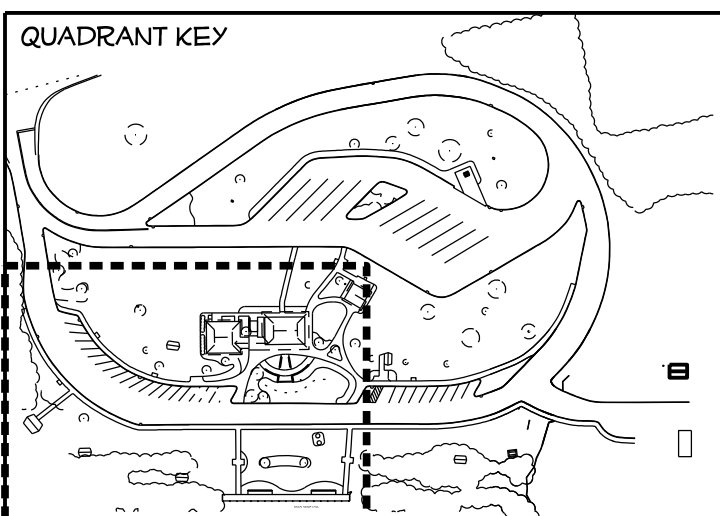
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ENHANCEMENT PLAN
LANDSCAPE PLAN SHEET



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WBS # 3701.3.24
FED I.D. #
SHEET NO: L-9
TOTAL SHEET NO: 19

Quadrant 3

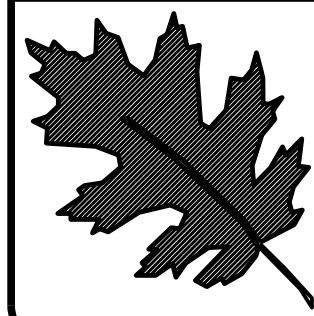
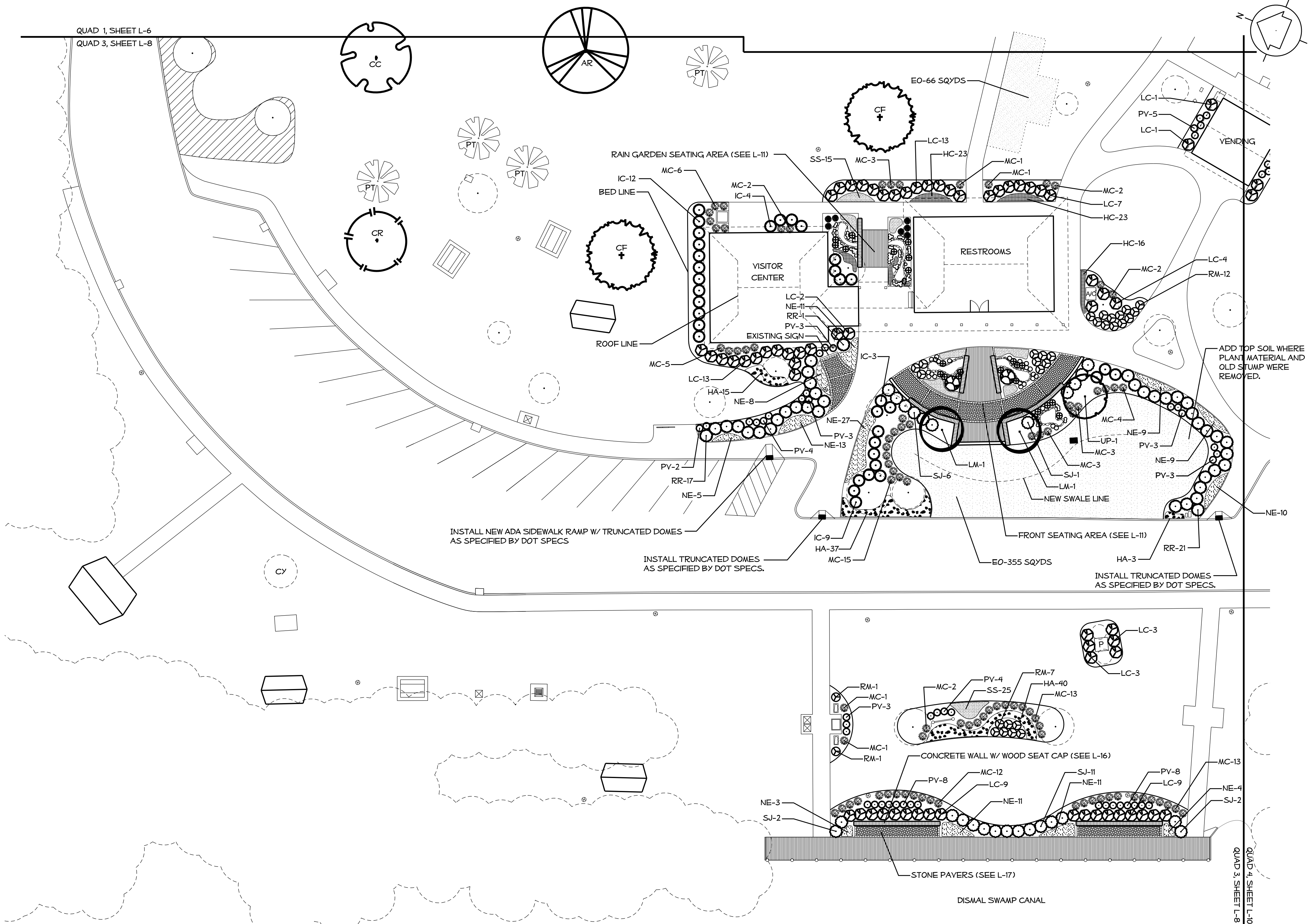


| KEY | |
|-----|--------------------------|
| | BICYCLE RACK |
| | COVERED PICNIC STRUCTURE |
| | DRY CREEK BED |
| | ENTRY SIGN |
| | EXISTING BENCH |
| | EXISTING VEGETATION |
| | FLAG POLE |
| | GARBAGE DUMPSTER |
| | GARBAGE/RECYCLING BINS |
| | INFORMATIONAL SIGN |
| | LIGHT FIXTURE |
| | MONUMENT |
| | NEW WOOD BENCH CAP |
| | NEW SEAT WALL |
| | PICNIC GRILL |
| | PICNIC TABLE |
| | POWER UTILITY BOX |



NOTE: 1) USE CLASS-B CONCRETE FOR ALL SIDEWALKS, ADA RAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.
2) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAYERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE.

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|---------------------------------------|-----------------------------|-----------|
| 1 | AR | ACER RUBRUM 'FRANKS RED' | RED SUNSET RED MAPLE | AS SHOWN |
| 1 | CC | CERCIS CANADENSIS 'FOREST PANIS' | FOREST PANIS EASTERN REDBUD | AS SHOWN |
| 2 | CF | CORNUS FLORIDA | FLOWERING DOGWOOD | AS SHOWN |
| 1 | CR | CORNUS FLORIDA 'RUBRA' | PINK FLOWERING DOGWOOD | AS SHOWN |
| 421 | EO | EREMOCHLOA OPHUROIDES (H10) | CENTPEDEGRASS | AS SHOWN |
| 95 | HA | HEMEROCALLIS 'AZTEC GOLD' | AZTEC GOLD DAYLILY | 2' O.C. |
| 62 | HC | HEUCHERA X 'CARAMEL' | CARAMEL CORAL BELLS | 15' O.C. |
| 25 | IC | ILEX CORNUTA 'CARISSA' | CARISSA HOLLY | 4' O.C. |
| 65 | LC | LOROPETALUM CHINENSE 'DARUMA COMPACT' | DWARF CHINESE FRINGE FLOWER | 4' O.C. |
| 77 | MC | MULLENBERGIA CAPILLARIS | PINK MUHLY GRASS | 3' O.C. |
| 121 | NE | NEPETA SP. | CATMINT | 2' O.C. |
| 4 | PT | PAVUS TAEDA | LOBLOLLY PINE | AS SHOWN |
| 46 | PV | PANICUM VIRGATUM 'HEAVY METAL' | BLUE SWITCHGRASS | 2.5' O.C. |
| 21 | RA | ROSA 'MEIGGLI' | PEACH DRIFT ROSE | 3' O.C. |
| 39 | RR | ROSA 'RADIKO PINK' | DOUBLE PINK KNOCKOUT ROSE | 4' O.C. |
| 15 | SJ | SPIRAEA JAPONICA 'GOLD MOUND' | GOLD MOUND SPIRAEA | 4' O.C. |
| 40 | SS | SALVIA X SYLVESTRIS 'SCHNEEHUEGEL' | SNOW HILL PERENNIAL SAGE | 15' O.C. |

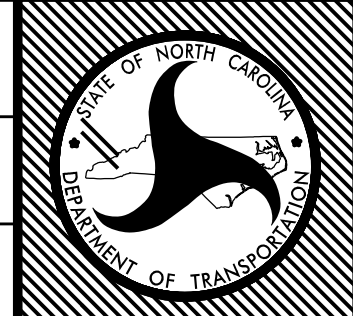


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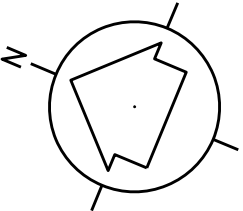
CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24
REV. DESIGNER
KYLE COOPER

| | |
|--------------------|---------------|
| PREL. DESIGN DATE: | APRIL 2015 |
| CHECKED BY & DATE: | B. MINTER |
| FINAL DESIGN DATE: | JUNE 30, 2015 |

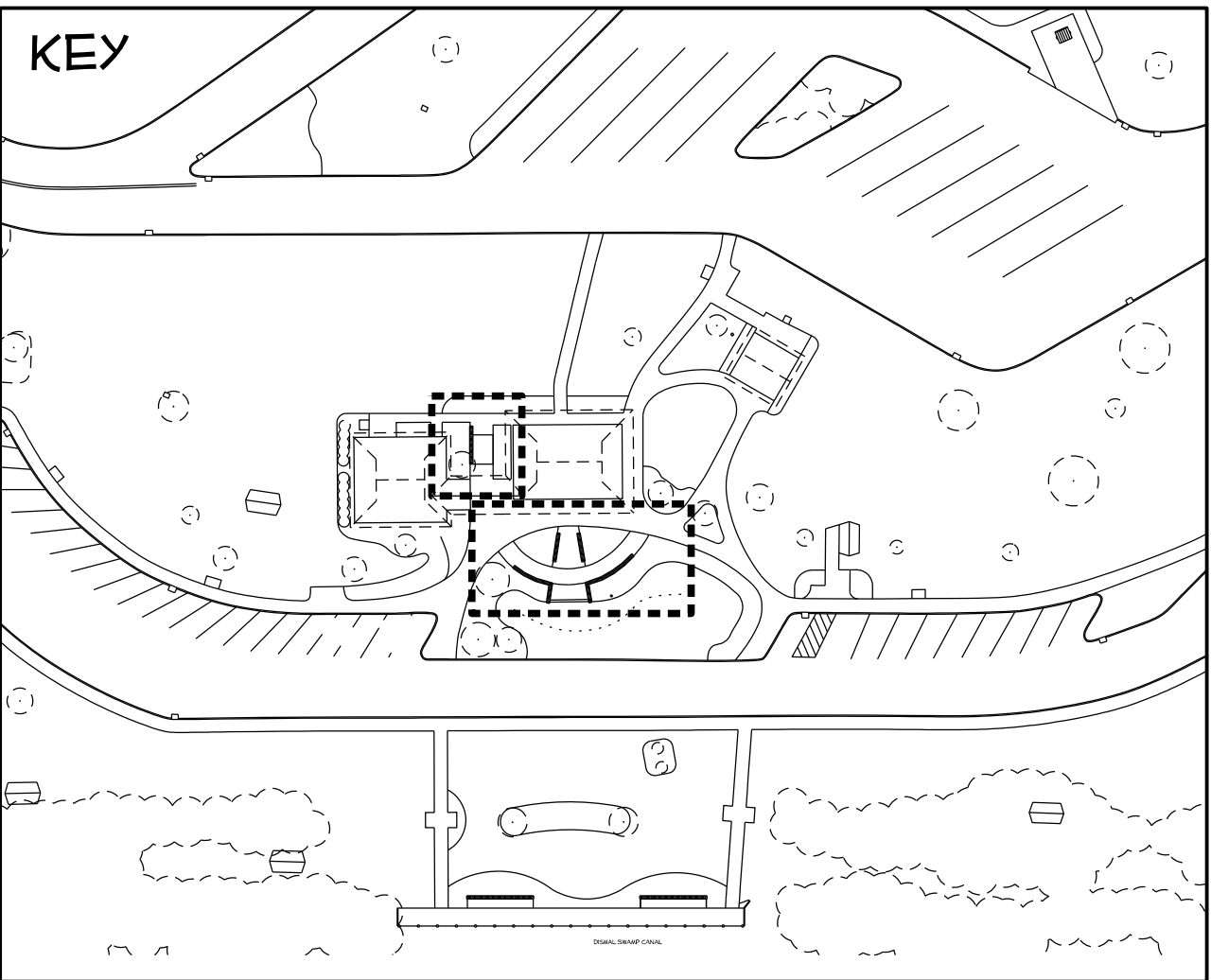
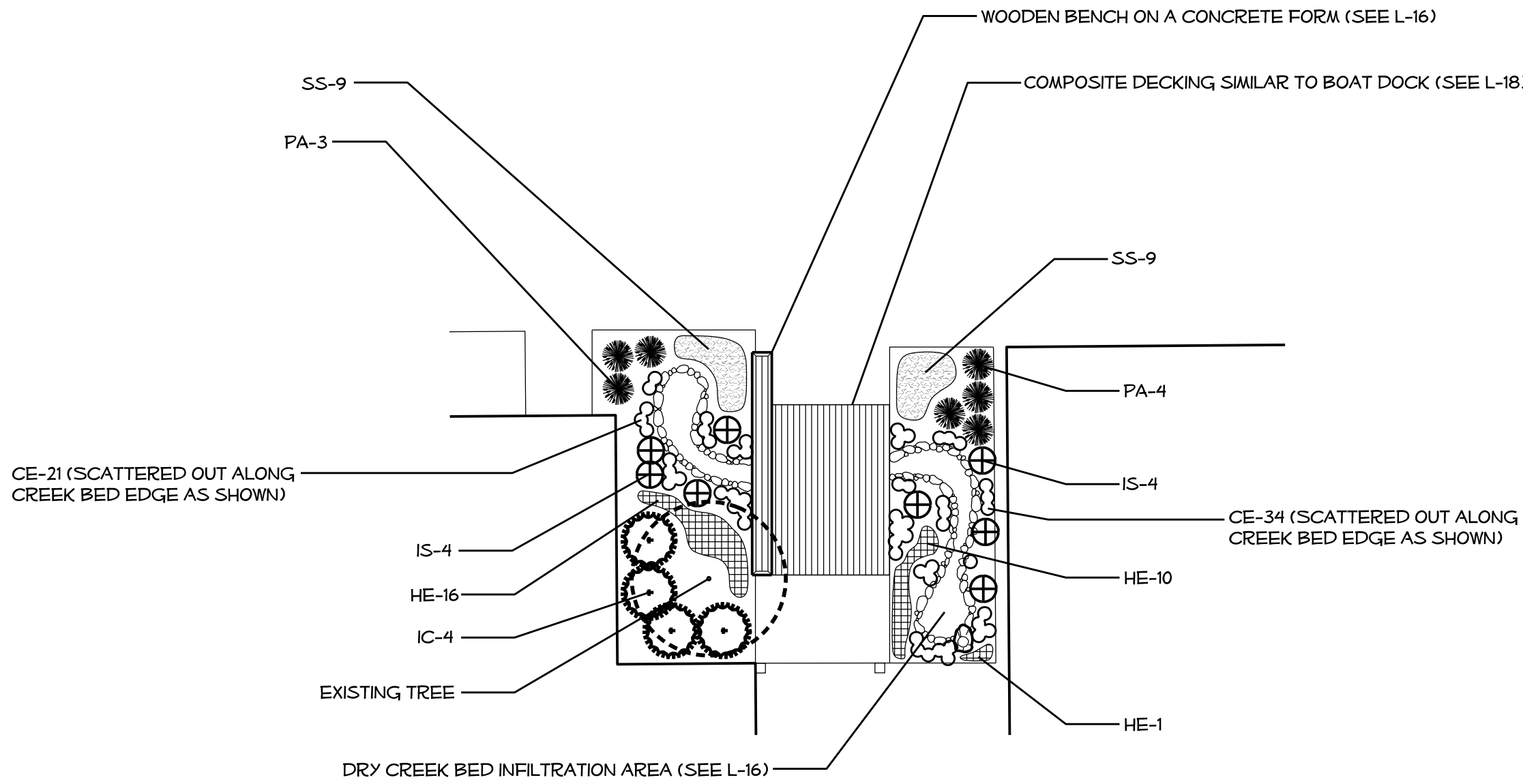
| |
|----------------------|
| ENHANCEMENT PLAN |
| LANDSCAPE PLAN SHEET |



| | |
|------------|-----------------|
| T.I.P. # | WBS # 3701.3.24 |
| FED I.D. # | |
| SHEET NO: | TOTAL SHEET NO: |
| L-10 | 19 |



RAIN GARDEN SEATING AREA



RAIN GARDEN SEATING AREA PLANT KEY

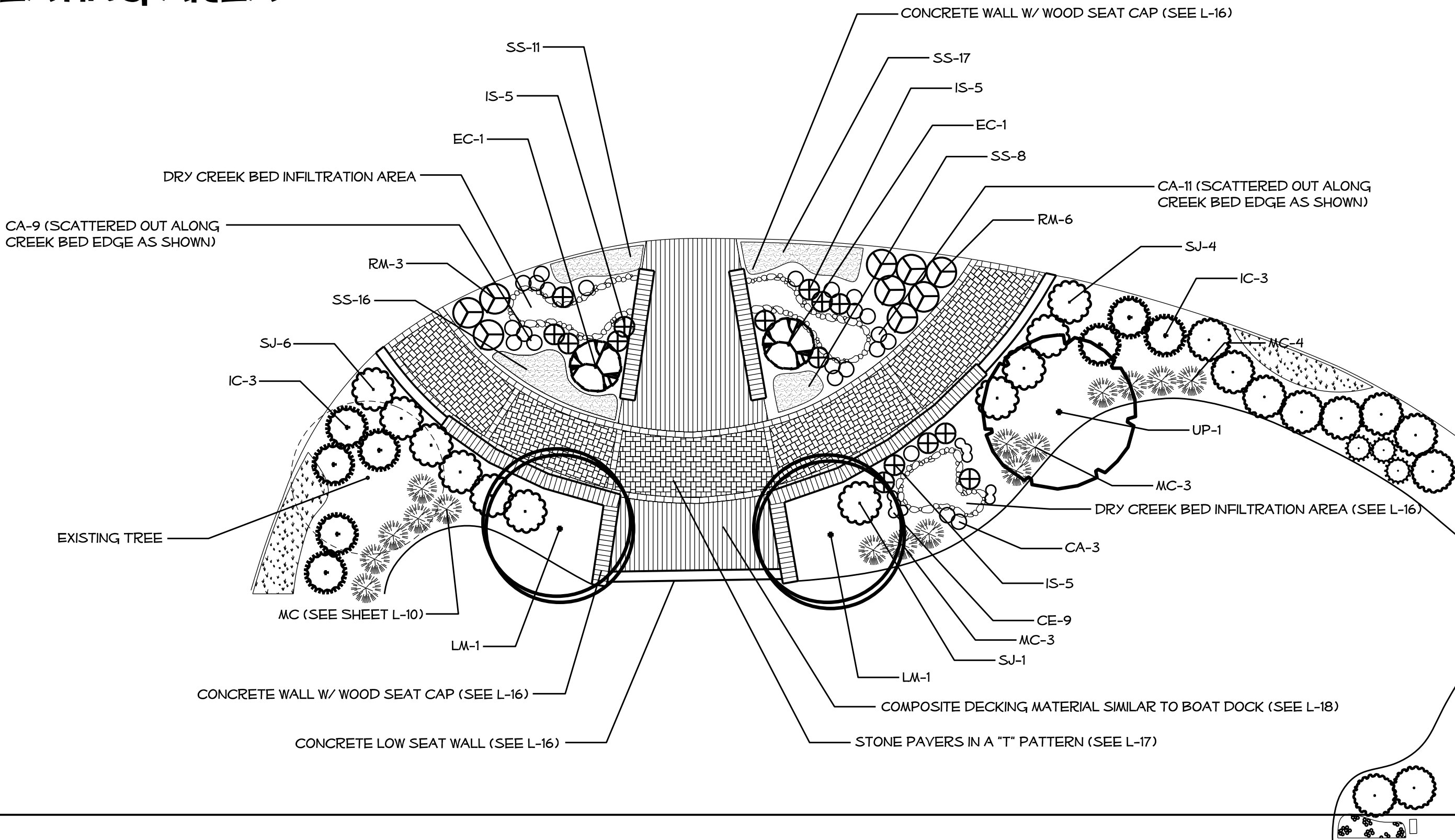
| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|---|--------------------------------|-----------|
| 55 | CE | CAREX Eburnea | BRISTLE-LEAF SEDGE | AS SHOWN |
| 27 | HE | Heuchera x 'Dark Secret', 'Purple Palace', 'Obsidian' | CORAL BELLS | 15' O.C. |
| 4 | IC | Ilex cornuta 'Carissa' | CARISSA HOLLY | 4' O.C. |
| 8 | IS | Iris siberica 'Caesar's Brother' | CAESAR'S BROTHER SIBERIAN IRIS | AS SHOWN |
| 7 | PA | Pennisetum alopecuroides 'Cassian' | DWARF FOUNTAIN GRASS | 2.5' O.C. |
| 18 | SS | Salvia x sylvestris 'Schneehugel' | SNOW HILL PERENNIAL SAGE | 1.5' O.C. |

FRONT SEATING AREA PLANT KEY

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|--|--------------------------------|-----------|
| 23 | CA | Carex comans 'Amazon Mist', Flacca 'Blue Zinger' | SEDGE | AS SHOWN |
| 9 | CE | Carex eburnea | BRISTLE-LEAF SEDGE | AS SHOWN |
| 2 | EC | Edgeworthia chrysantha | PAPER PLANT | AS SHOWN |
| 6 | IC | Ilex cornuta 'Carissa' | CARISSA HOLLY | 4' O.C. |
| 15 | IS | Iris siberica 'Caesar's Brother' | CAESAR'S BROTHER SIBERIAN IRIS | AS SHOWN |
| 2 | LM | Lagerstroemia indica 'Muskogee' | MUSKOGEE CRAPPE MYRTLE | 20' O.C. |
| 10 | MC | Muhlenbergia capillaris | PINK MUHLY GRASS | 3' O.C. |
| 9 | RM | Rosa 'Meigui' | PEACH DRIFT ROSE | 3' O.C. |
| 11 | SJ | Spiraea japonica 'Gold Mound' | GOLD MOUND SPIRAEA | 4' O.C. |
| 52 | SS | Salvia x sylvestris 'Schneehugel' | SNOW HILL PERENNIAL SAGE | 1.5' O.C. |
| 1 | UP | Ulmus parvifolia | LACEBARK ELM | AS SHOWN |

NOTE: 1) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAVERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE.
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FRONT SEATING AREA



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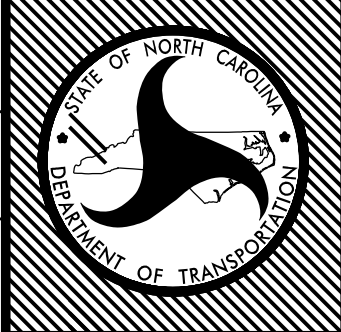
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CAMDEN COUNTY
CONTRACT #: 3701.3.24

REV. DESIGNER

Kyle Cooper

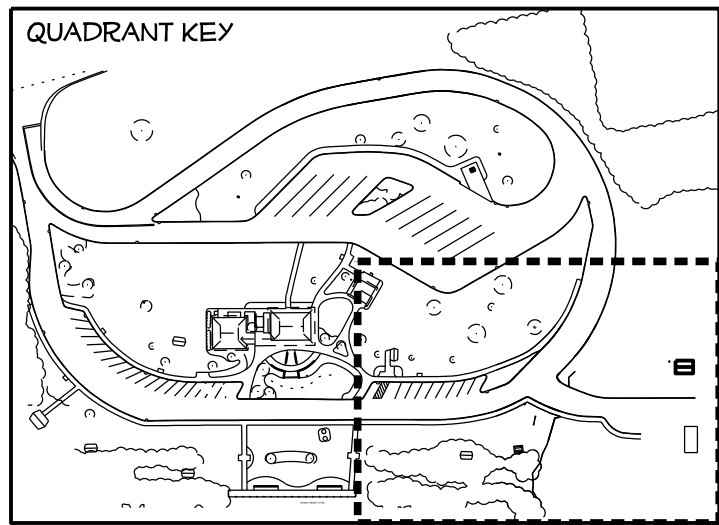
PREL. DESIGN DATE: APRIL 2015
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FINAL DESIGN DATE: JUNE 30, 2015

ENHANCEMENT PLAN
LANDSCAPE PLAN SHEET



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WBS # 3701.3.24
FED I.D. #
SHEET NO: L-11
TOTAL SHEET NO: 19

Quadrant 4



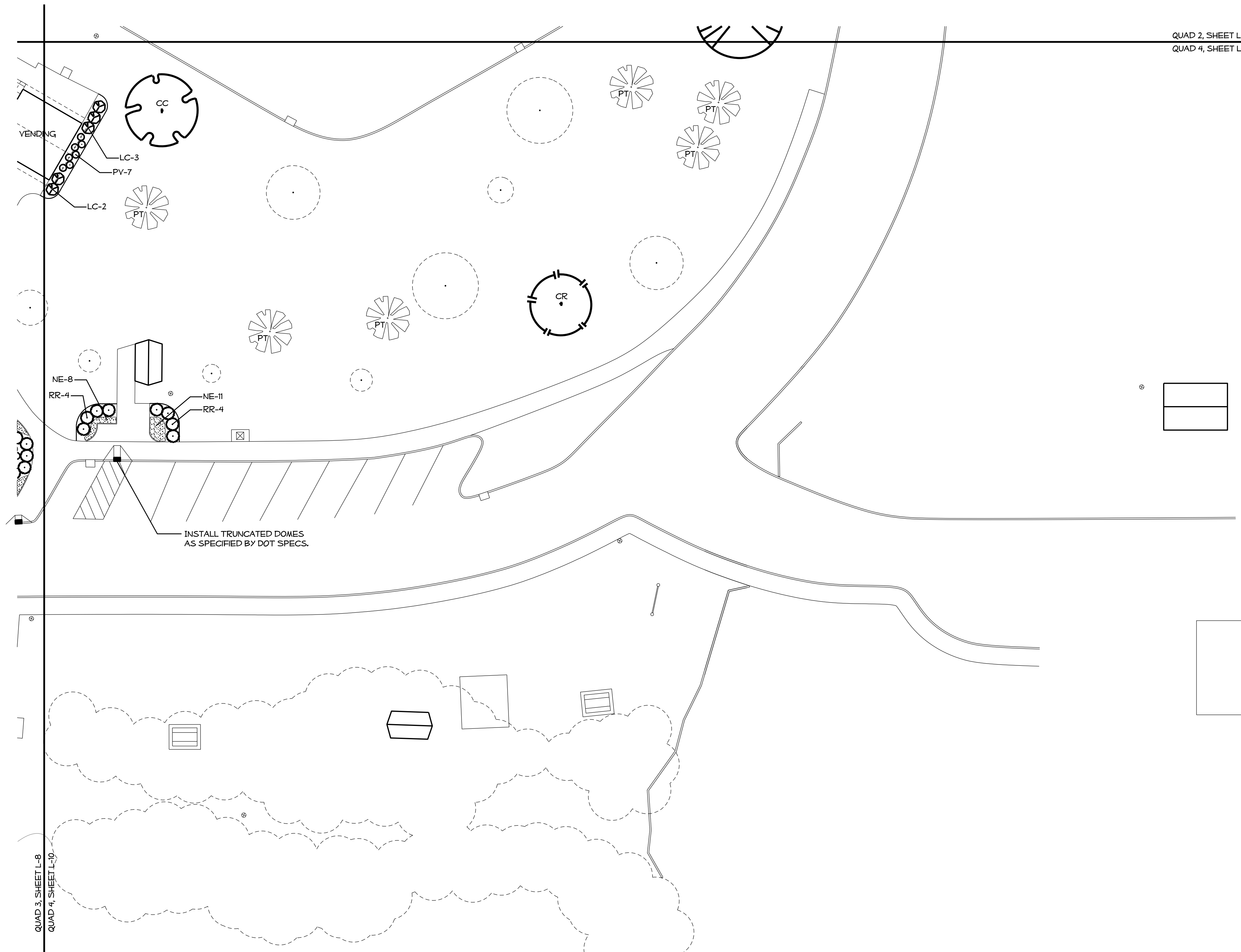
KEY

- BICYCLE RACK
- COVERED PICNIC STRUCTURE
- DRY CREEK BED
- ENTRY SIGN
- EXISTING BENCH
- EXISTING VEGETATION
- FLAG POLE
- GARBAGE DUMPSTER
- GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- LIGHT FIXTURE
- MONUMENT
- NEW WOOD BENCH CAP
- NEW SEAT WALL
- PICNIC GRILL
- PICNIC TABLE
- POWER UTILITY BOX

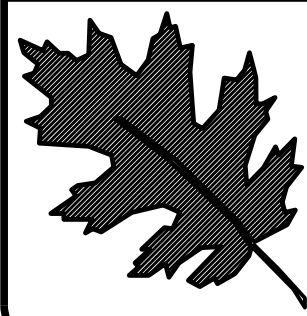
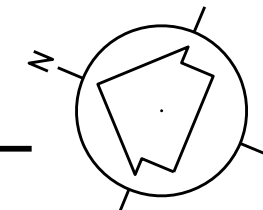


NOTE: 1) CENTIPEDE GRASS WILL BE INSTALLED WHERE SIDEWALKS ARE REMOVED OR GRADING HAS OCCURED UNLESS OTHERWISE SPECIFIED BY THE PLAN. SEEDING AND MULCHING WILL BE APPLIED ON ALL OTHER AREAS DISTURBED BY CONSTRUCTION WITH A CENTIPEDE GRASS MIX.
2) USE CLASS-B CONCRETE FOR ALL SIDEWALKS, ADA RAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SPACING |
|-----|-----|---------------------------------------|-----------------------------|-----------|
| 1 | CC | CERIS CANADENSIS 'FOREST PANSY' | FOREST PANSY EASTERN REDBUD | AS SHOWN |
| 1 | CR | CORNUS FLORIDA 'FLORIDA' | PINK FLOWERING DOGWOOD | AS SHOWN |
| 5 | LC | LOROPETALUM CHINENSE 'DARUMA COMPACT' | DWARF CHINESE FRINGE FLOWER | 4' O.C. |
| 19 | NE | NEPETA SP. | CATMINT | 2' O.C. |
| 6 | PT | PIRUS TAEDEA | LOBLOLLY PINE | AS SHOWN |
| 7 | PV | PANICUM VIRGATUM 'HEAVY METAL' | BLUE SWITCHGRASS | 2.5' O.C. |
| 8 | RR | ROSA 'RADTKE PINK' | DOUBLE PINK KNOCKOUT ROSE | 4' O.C. |



QUAD 2, SHEET L-7
QUAD 4, SHEET L-10



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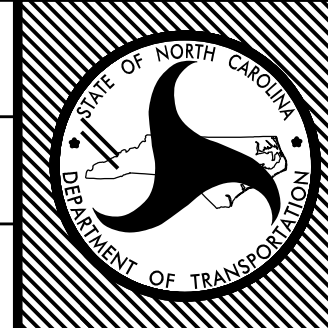
REV. DESIGNER

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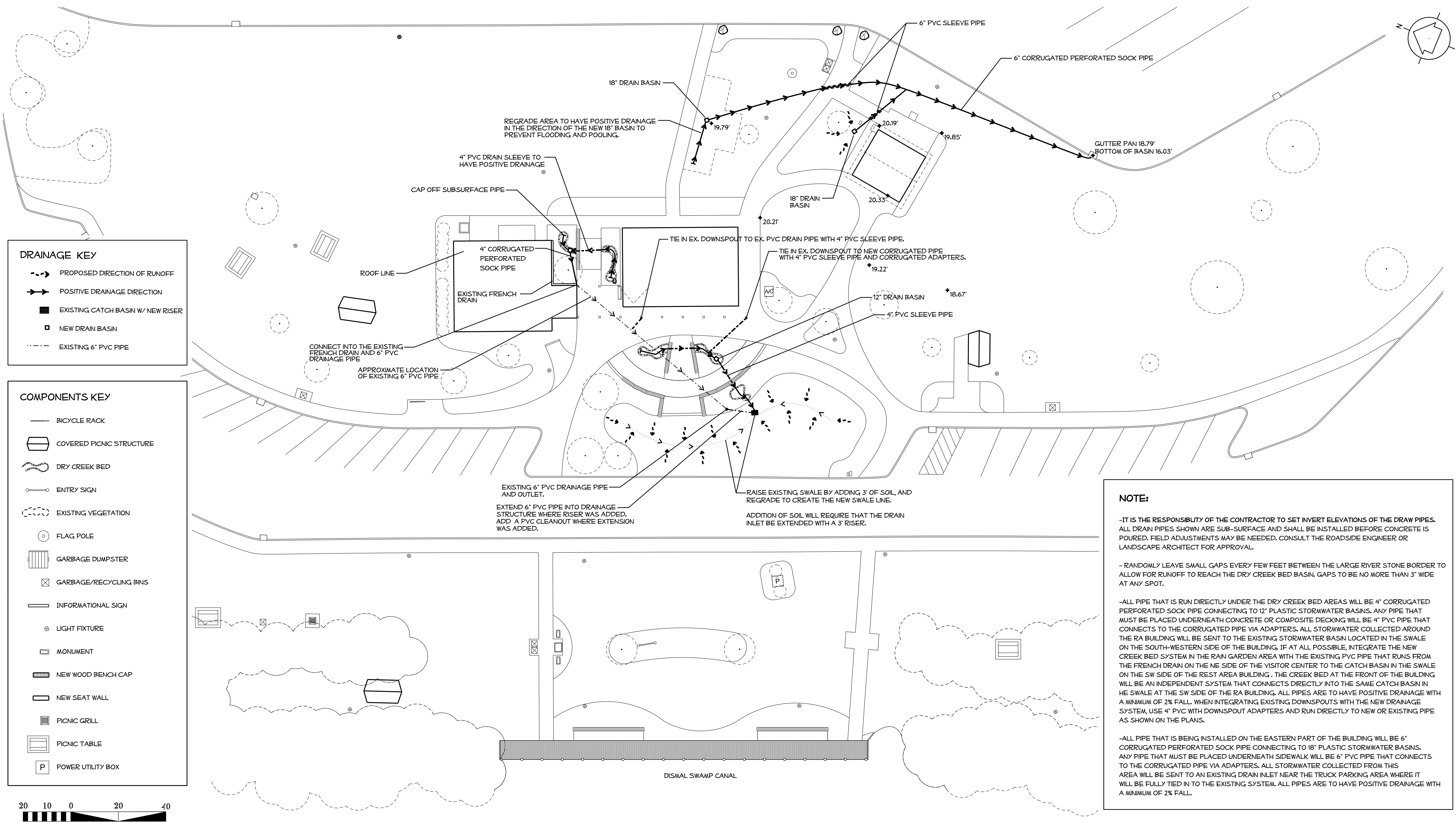
SHEET DESCRIPTION:

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SHEET NO: L-12
TOTAL SHEET NO: 19



DRAINAGE KEY

- PROPOSED DIRECTION OF RUNOFF
- POSITIVE DRAINAGE DIRECTION
- EXISTING CATCH BASIN W/ NEW RISER
- NEW DRAIN BASIN
- EXISTING 6" PVC PIPE

COMPONENTS KEY

- BICYCLE RACK
- COVERED PICNIC STRUCTURE
- DRY CREEK BED
- ENTRY SIGN
- EXISTING VEGETATION
- FLAG POLE
- GARBAGE DUMPSTER
- GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- LIGHT FIXTURE
- MONUMENT
- NEW WOOD BENCH CAP
- NEW SEAT WALL
- PICNIC GRILL
- PICNIC TABLE
- POWER UTILITY BOX



NOTE:

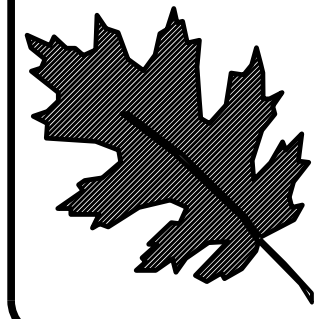
-IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SET INVERT ELEVATIONS OF THE DRAW PIPES. ALL DRAIN PIPES SHOWN ARE SUB-SURFACE AND SHALL BE INSTALLED BEFORE CONCRETE IS POURED. FIELD ADJUSTMENTS MAY BE NEEDED. CONSULT THE ROADSIDE ENGINEER OR LANDSCAPE ARCHITECT FOR APPROVAL.

- RANDOMLY LEAVE SMALL GAPS EVERY FEW FEET BETWEEN THE LARGE RIVER STONE BORDER TO ALLOW FOR RUNOFF TO REACH THE DRY CREEK BED BASIN. GAPS TO BE NO MORE THAN 3' WIDE AT ANY SPOT.

-ALL PIPE THAT IS RUN DIRECTLY UNDER THE DRY CREEK BED AREAS WILL BE 4" CORRUGATED PERFORATED SOCK PIPE CONNECTING TO 12" PLASTIC STORMWATER BASINS. ANY PIPE THAT MUST BE PLACED UNDERNEATH CONCRETE OR COMPOSITE DECKING WILL BE 4" PVC PIPE THAT CONNECTS TO THE CORRUGATED PIPE VIA ADAPTERS. ALL STORMWATER COLLECTED AROUND THE RA BUILDING WILL BE SENT TO THE EXISTING STORMWATER BASIN LOCATED IN THE SWALE ON THE SOUTH-WESTERN SIDE OF THE BUILDING. IF AT ALL POSSIBLE, INTEGRATE THE NEW CREEK BED SYSTEM IN THE RAIN GARDEN AREA WITH THE EXISTING PVC PIPE THAT RUNS FROM THE FRENCH DRAIN ON THE NE SIDE OF THE VISITOR CENTER TO THE CATCH BASIN IN THE SWALE ON THE SW SIDE OF THE REST AREA BUILDING. THE CREEK BED AT THE FRONT OF THE BUILDING WILL BE AN INDEPENDENT SYSTEM THAT CONNECTS DIRECTLY INTO THE SAME CATCH BASIN IN THE SWALE AT THE SW SIDE OF THE RA BUILDING. ALL PIPES ARE TO HAVE POSITIVE DRAINAGE WITH A MINIMUM OF 2% FALL. WHEN INTEGRATING EXISTING DOWNSPOUTS WITH THE NEW DRAINAGE SYSTEM, USE 4" PVC WITH DOWNSPOUT ADAPTERS AND RUN DIRECTLY TO NEW OR EXISTING PIPE AS SHOWN ON THE PLANS.

-ALL PIPE THAT IS BEING INSTALLED ON THE EASTERN PART OF THE BUILDING WILL BE 6" CORRUGATED PERFORATED SOCK PIPE CONNECTING TO 18" PLASTIC STORMWATER BASINS. ANY PIPE THAT MUST BE PLACED UNDERNEATH SIDEWALK WILL BE 6" PVC PIPE THAT CONNECTS TO THE CORRUGATED PIPE VIA ADAPTERS. ALL STORMWATER COLLECTED FROM THIS AREA WILL BE SENT TO AN EXISTING DRAIN INLET NEAR THE TRUCK PARKING AREA WHERE IT WILL BE FULLY TIED IN TO THE EXISTING SYSTEM. ALL PIPES ARE TO HAVE POSITIVE DRAINAGE WITH A MINIMUM OF 2% FALL.

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS SHOWN IN PARENTHESES ARE FOR INFORMATION ONLY.



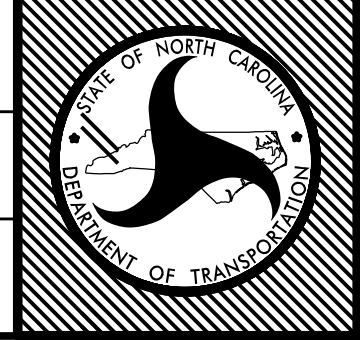
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CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24

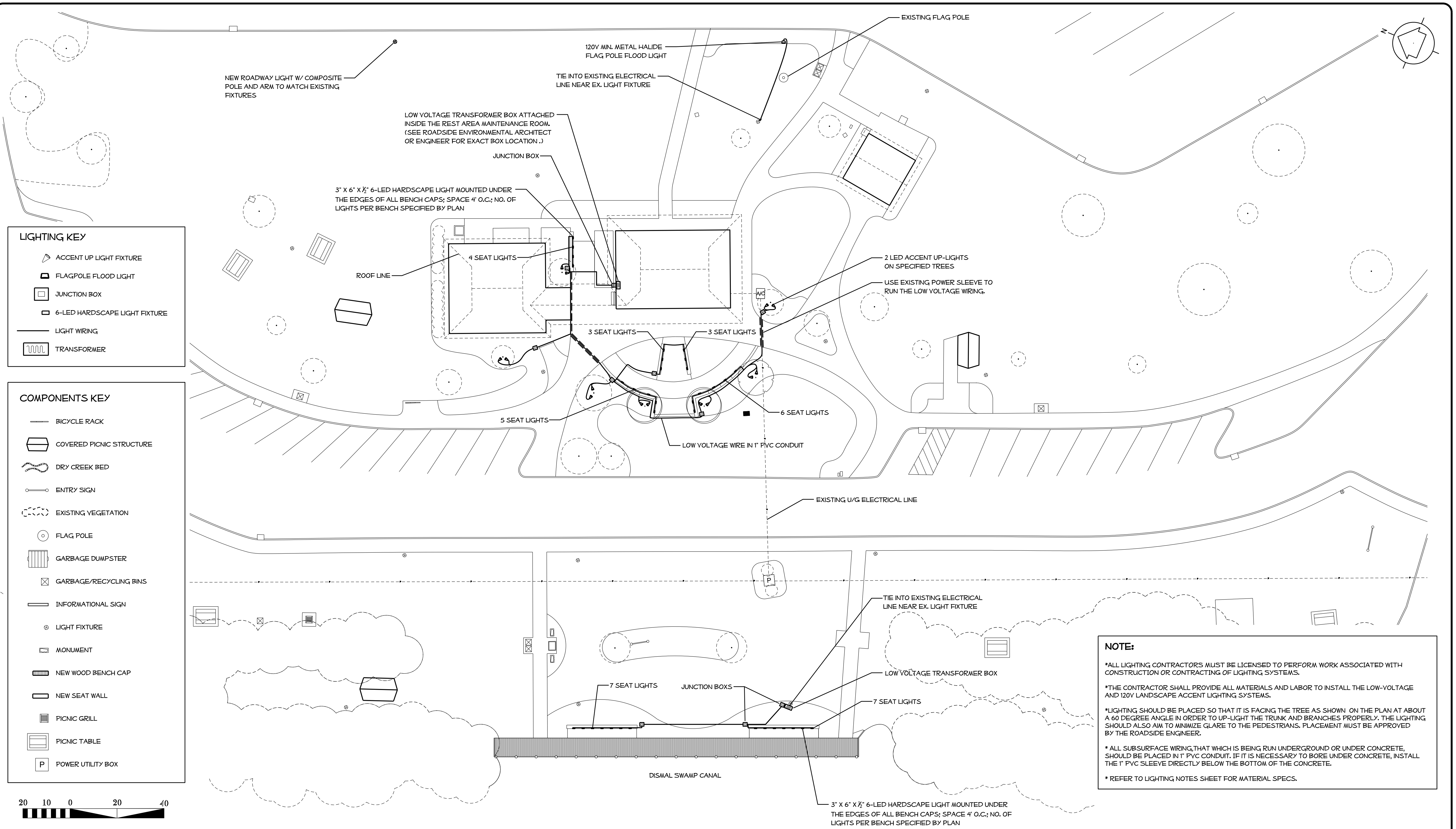
REV. DESIGNER
Kyle Cooper

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| SHEET DESCRIPTION: | PREL. DESIGN DATE : | APRIL 2015 |
| | CHECKED BY & DATE : | |
| | FINAL DESIGN DATE : | JUNE 30, 2015 |

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| DRAINAGE PLAN |
| LANDSCAPE PLAN SHEET |



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| T.I.P. # | WBS # 3701.3.24 |
| FED ID. # | |
| SHEET NO. : L-13 | TOTAL SHEET NO. : 19 |



LIGHTING KEY

- ▲ ACCENT UP LIGHT FIXTURE
- ▣ FLAGPOLE FLOOD LIGHT
- JUNCTION BOX
- ▢ 6-LED HARDSCAPE LIGHT FIXTURE
- LIGHT WIRING
- ⏏ TRANSFORMER

COMPONENTS KEY

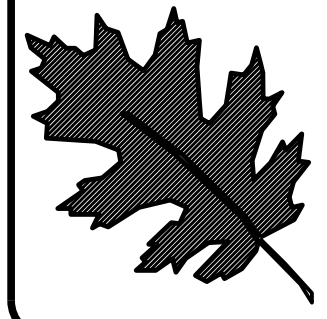
- BICYCLE RACK
- ▢ COVERED PICNIC STRUCTURE
- ~ DRY CREEK BED
- ENTRY SIGN
- - - EXISTING VEGETATION
- FLAG POLE
- ▢ GARBAGE DUMPSTER
- ⊠ GARBAGE/RECYCLING BINS
- INFORMATIONAL SIGN
- ⊙ LIGHT FIXTURE
- ▢ MONUMENT
- ▢ NEW WOOD BENCH CAP
- ▢ NEW SEAT WALL
- ▢ PICNIC GRILL
- ▢ PICNIC TABLE
- P POWER UTILITY BOX



NOTE:

- *ALL LIGHTING CONTRACTORS MUST BE LICENSED TO PERFORM WORK ASSOCIATED WITH CONSTRUCTION OR CONTRACTING OF LIGHTING SYSTEMS.
- *THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR TO INSTALL THE LOW-VOLTAGE AND 120V LANDSCAPE ACCENT LIGHTING SYSTEMS.
- *LIGHTING SHOULD BE PLACED SO THAT IT IS FACING THE TREE AS SHOWN ON THE PLAN AT ABOUT A 60 DEGREE ANGLE IN ORDER TO UP-LIGHT THE TRUNK AND BRANCHES PROPERLY. THE LIGHTING SHOULD ALSO AIM TO MINIMIZE GLARE TO THE PEDESTRIANS. PLACEMENT MUST BE APPROVED BY THE ROADSIDE ENGINEER.
- * ALL SUBSURFACE WIRING, THAT WHICH IS BEING RUN UNDERGROUND OR UNDER CONCRETE, SHOULD BE PLACED IN 1" PVC CONDUIT. IF IT IS NECESSARY TO BORE UNDER CONCRETE, INSTALL THE 1" PVC SLEEVE DIRECTLY BELOW THE BOTTOM OF THE CONCRETE.
- * REFER TO LIGHTING NOTES SHEET FOR MATERIAL SPECS.

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS SHOWN IN PARENTHESES ARE FOR INFORMATION ONLY.

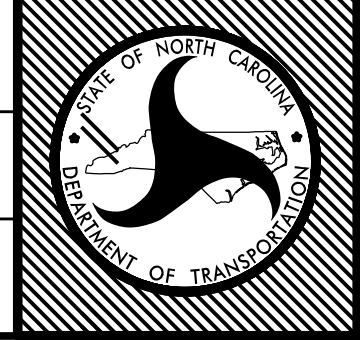


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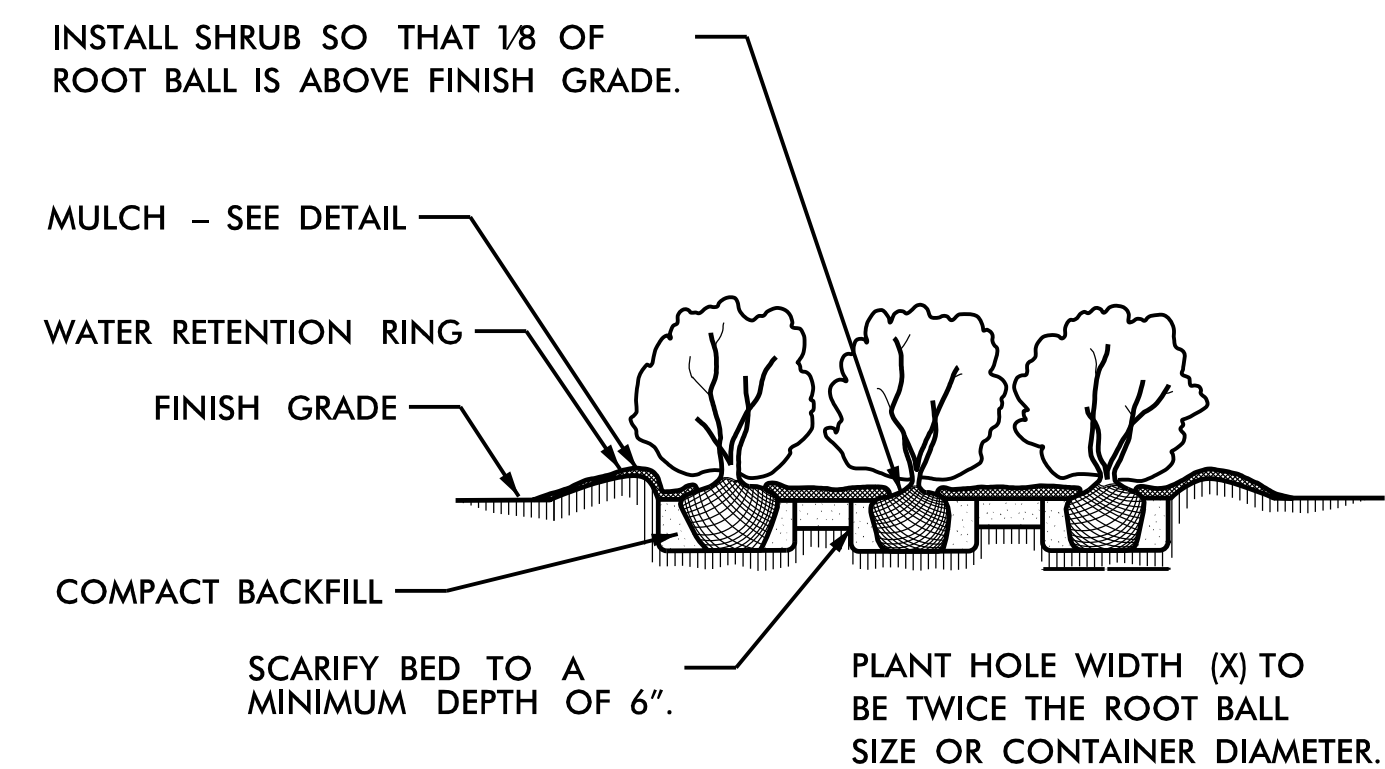
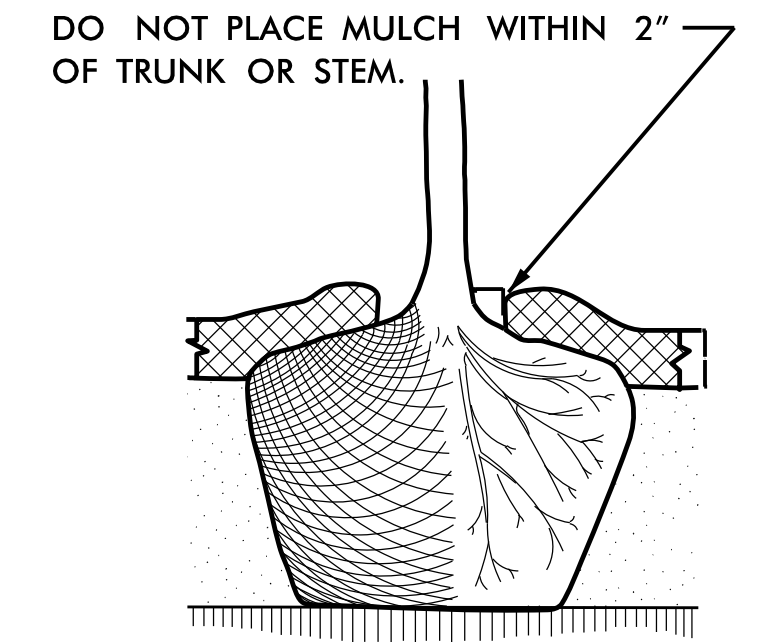
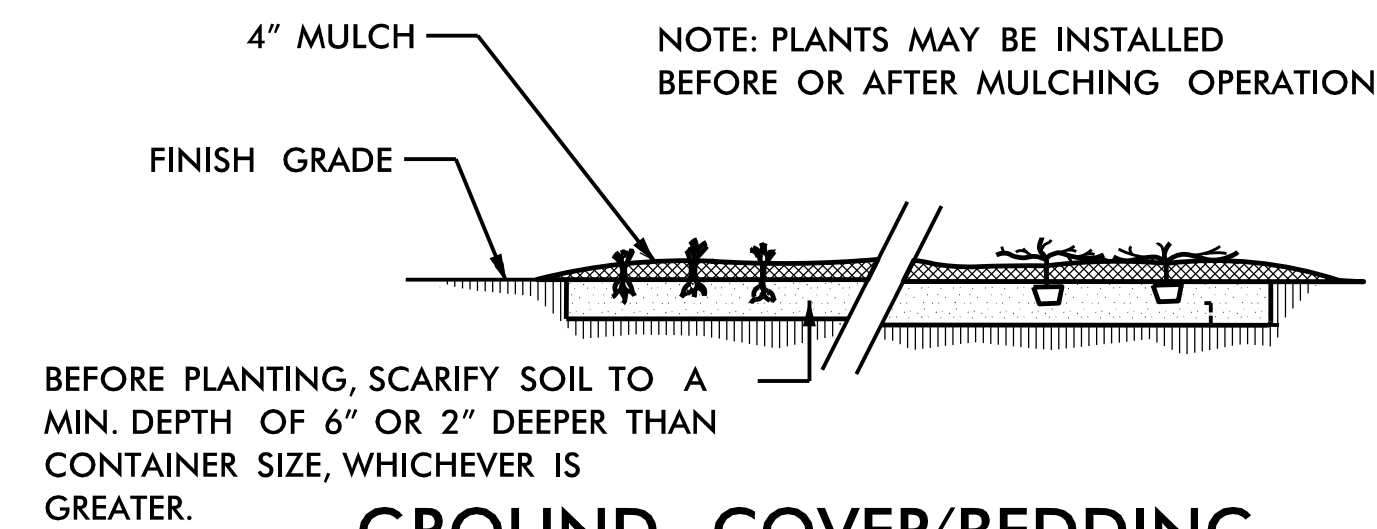
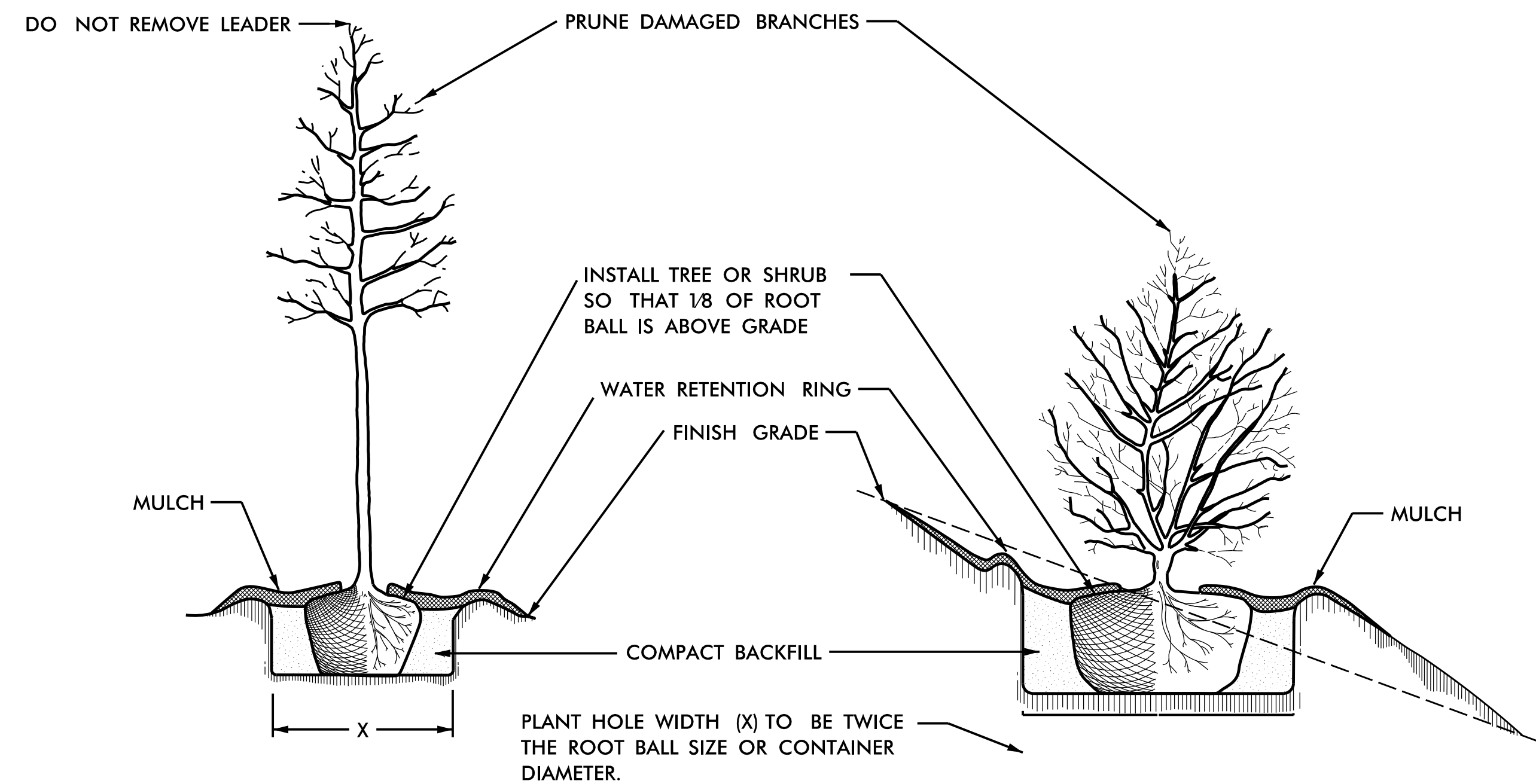
CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24
REV. DESIGNER
Kyle Cooper

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|--------------------|--------------------|---------------|
| SHEET DESCRIPTION: | PREL. DESIGN DATE: | APRIL 2015 |
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|----------------------|
| LIGHTING PLAN |
| LANDSCAPE PLAN SHEET |



| | |
|------------|-----------------|
| T.I.P. # | WBS # 3701.3.24 |
| FED I.D. # | |
| SHEET NO: | TOTAL SHEET NO: |
| L-14 | 19 |



NOTES:

 SCHEDULE FOR PLANT HOLE SIZE:
PLANT HOLE WIDTH (X) TO BE TWICE
THE ROOT BALL SIZE OR CONTAINER
DIAMETER.

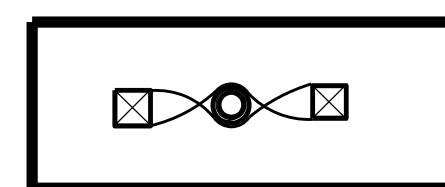
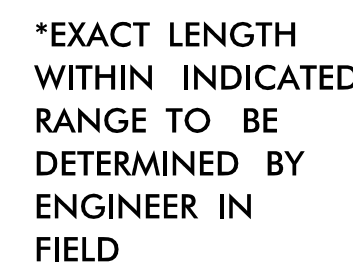
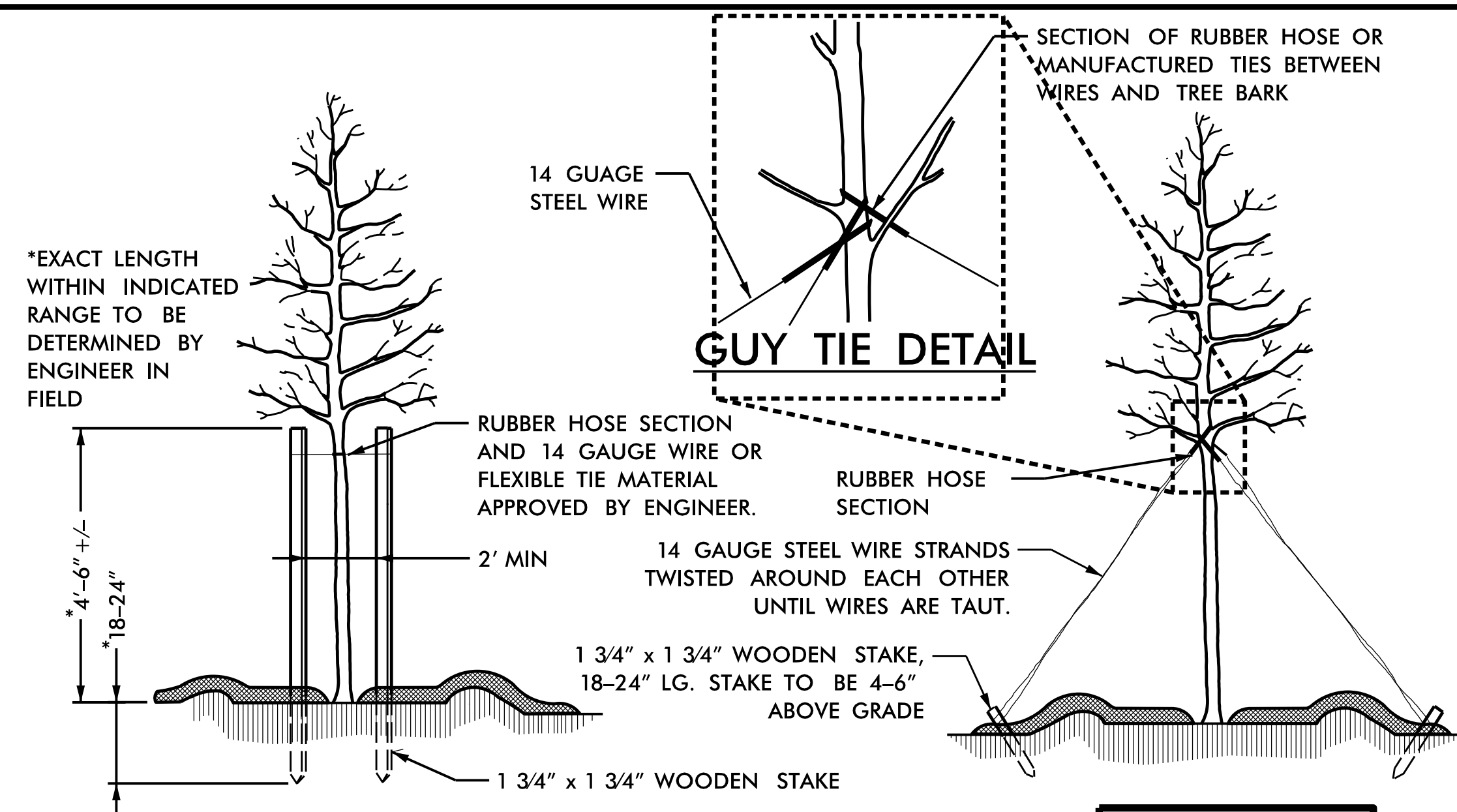
SEE STANDARD SPECIFICATIONS FOR
PLANT BED FUMIGATION AND HERBICIDAL
TREATMENT.

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.

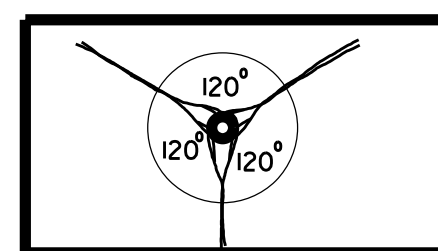
ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.

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')

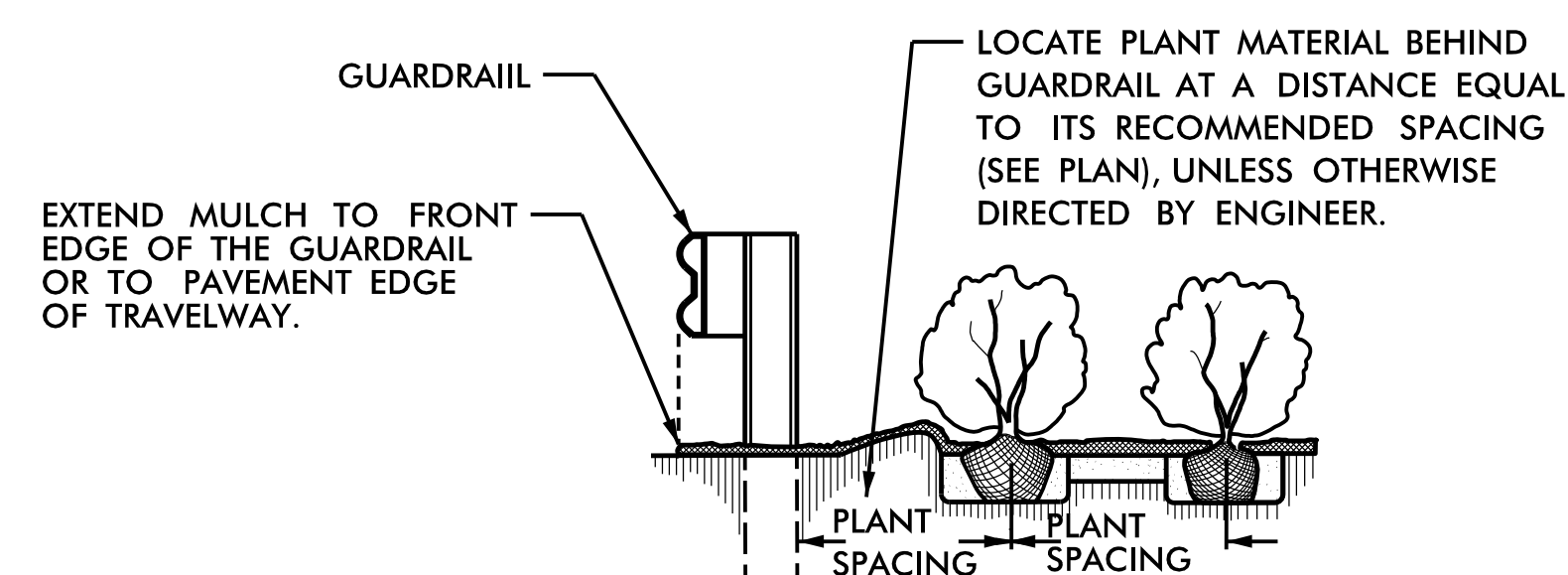
USE AS DIRECTED BY FIELD ENGINEER



PLAN VIEW

GUYING DETAIL
(TREES 10' OR LARGER)

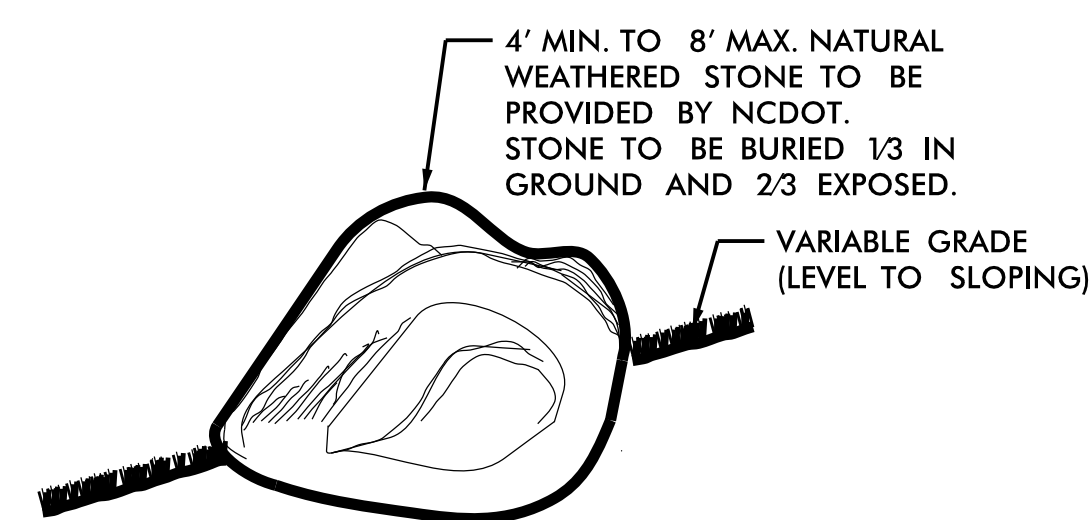
USE AS DIRECTED BY FIELD ENGINEER



GUARDRAIL MULCHING DETAIL

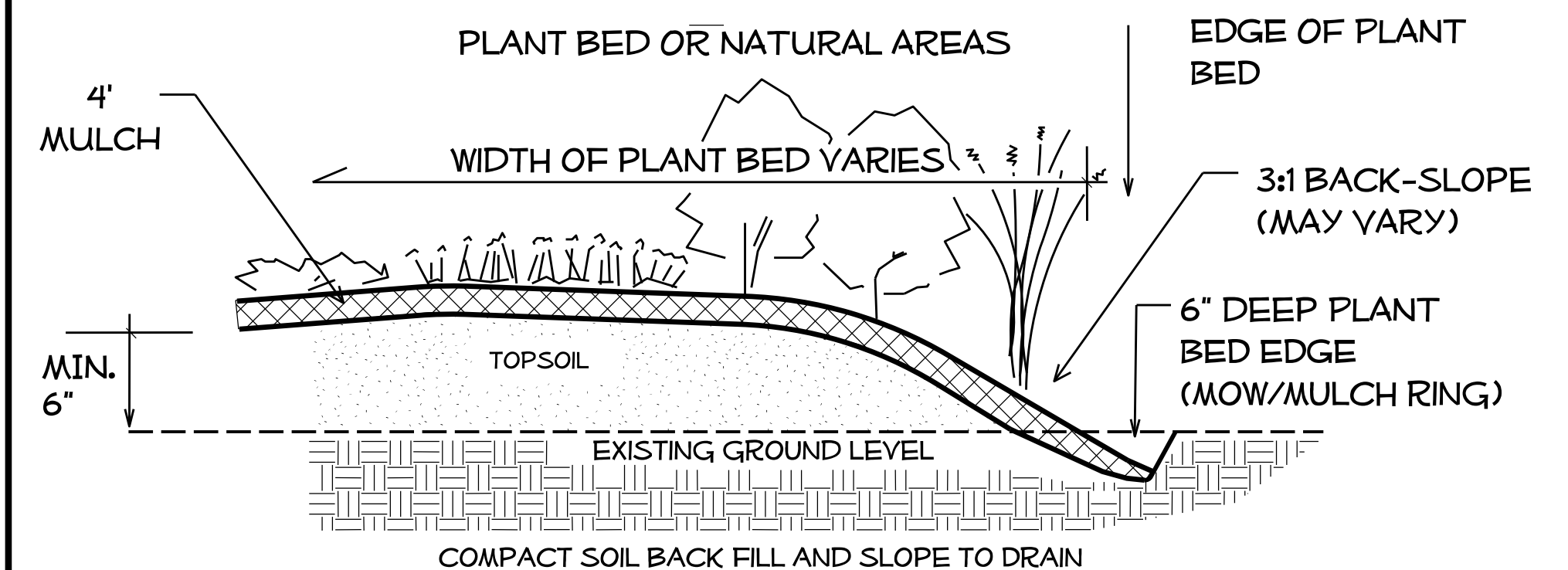
USE AS DIRECTED BY FIELD ENGINEER

USE AS DIRECTED BY FIELD ENGINEER



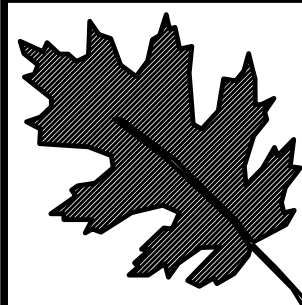
BOULDER PLACEMENT DETAIL TYPICAL

SCALE: NTS



PLANT BED EDGE DETAIL

SCALE: NTS



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CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24

REU. DESIGNER

ER
Kyle Cooper

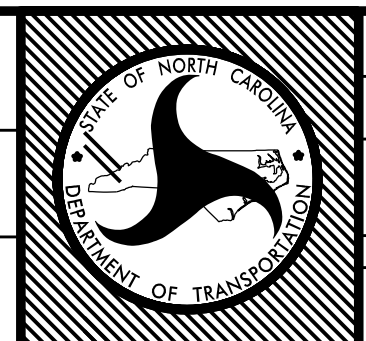
PREL. DESIGN DATE : APRIL 2015

CHECKED BY & DATE :

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PLANTING DETAILS

LANDSCAPE PLAN SHEET



T.I.P. #
WBS # 3701.3.24
FED I.D. #
SHEET NO : TOTAL SHEETS
L-15 19

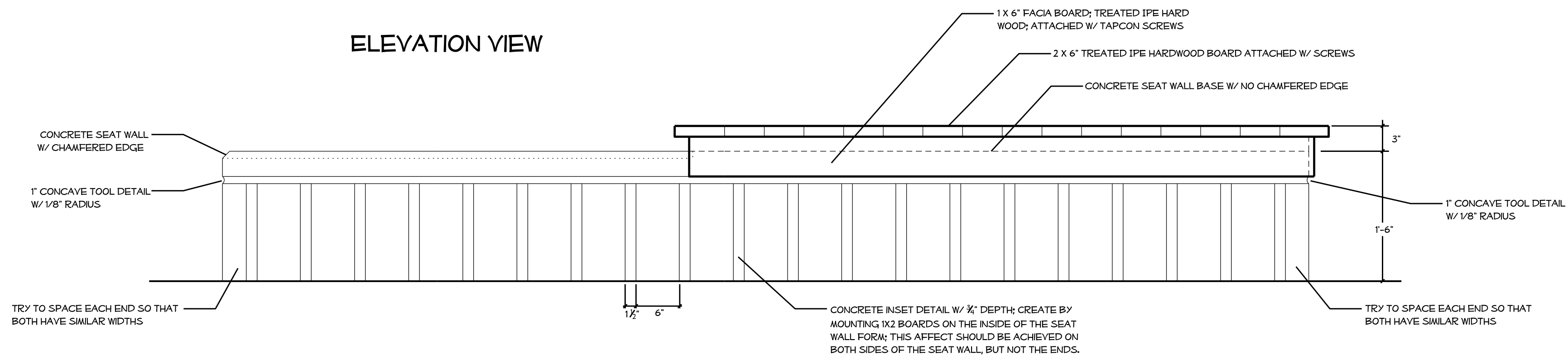
CSW
L-16

CONCRETE SEAT WALL
1"= 1'-0"

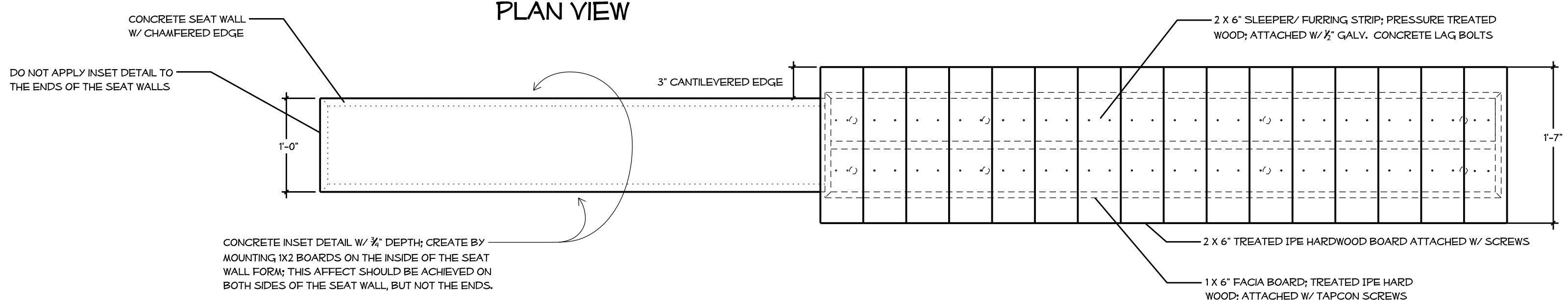
WBC
L-16

SEAT WALL W/ WOOD BENCH CAP
1"= 1'-0"

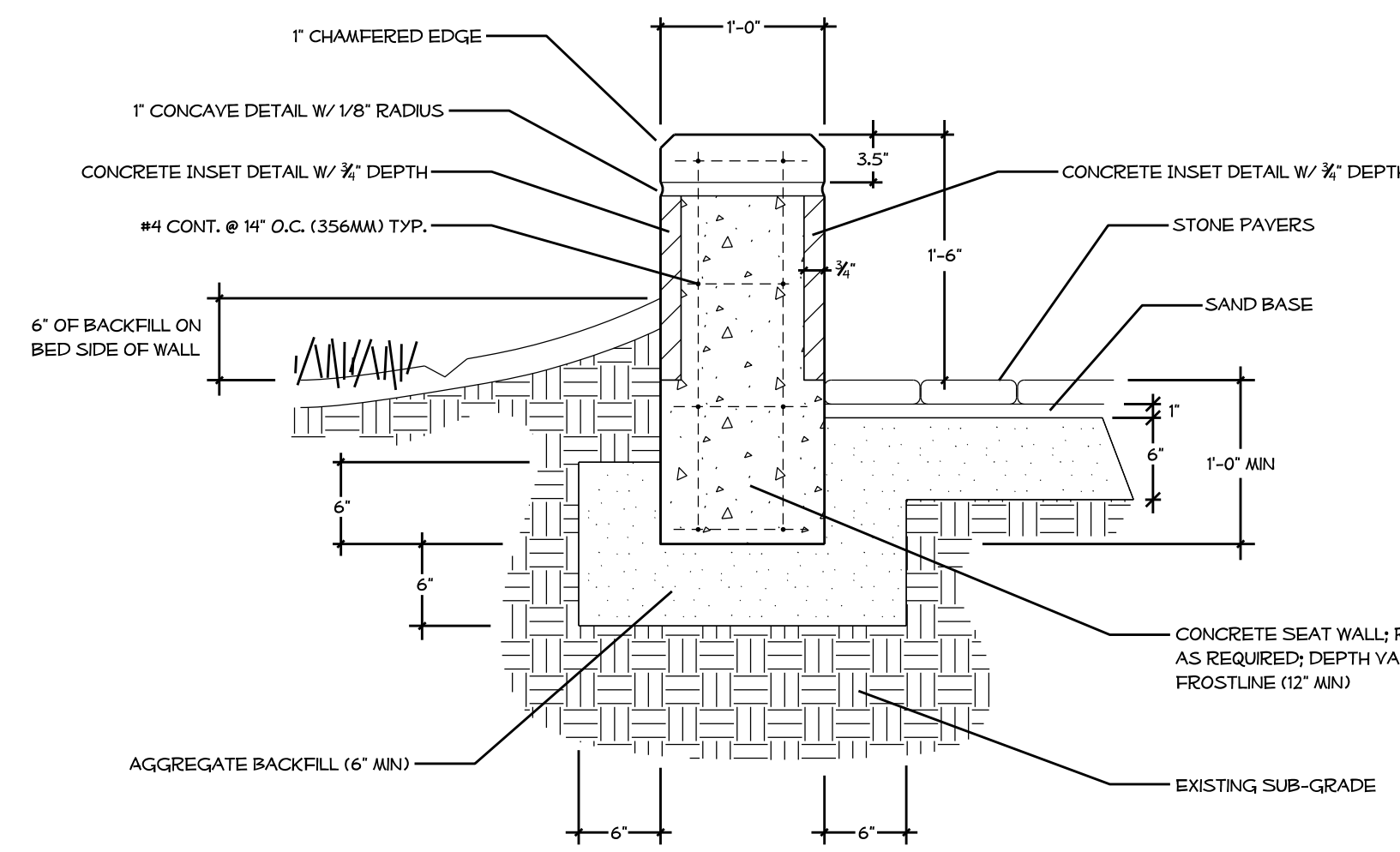
ELEVATION VIEW



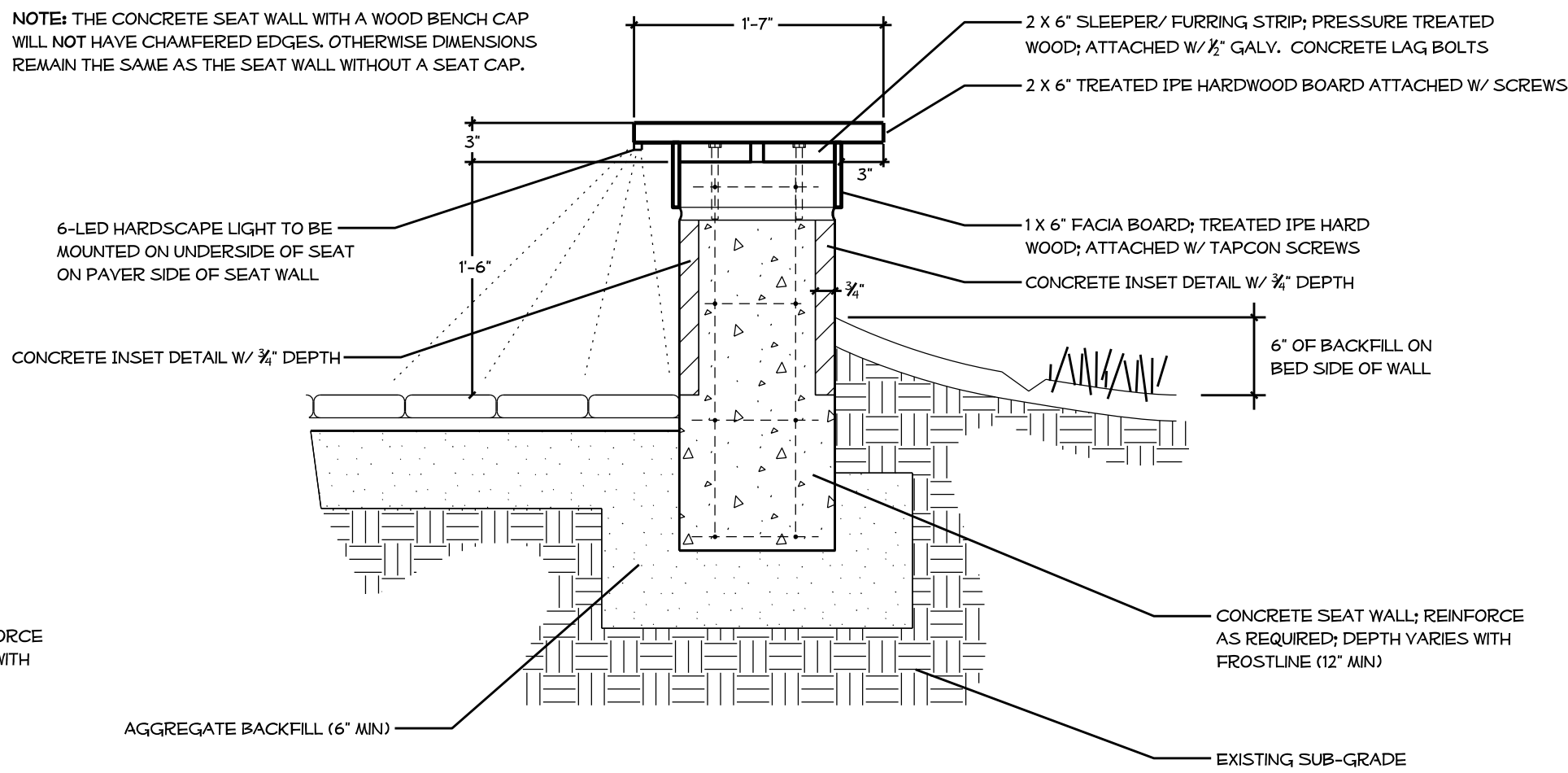
PLAN VIEW



SECTION ELEVATION OF CONCRETE SEAT WALL

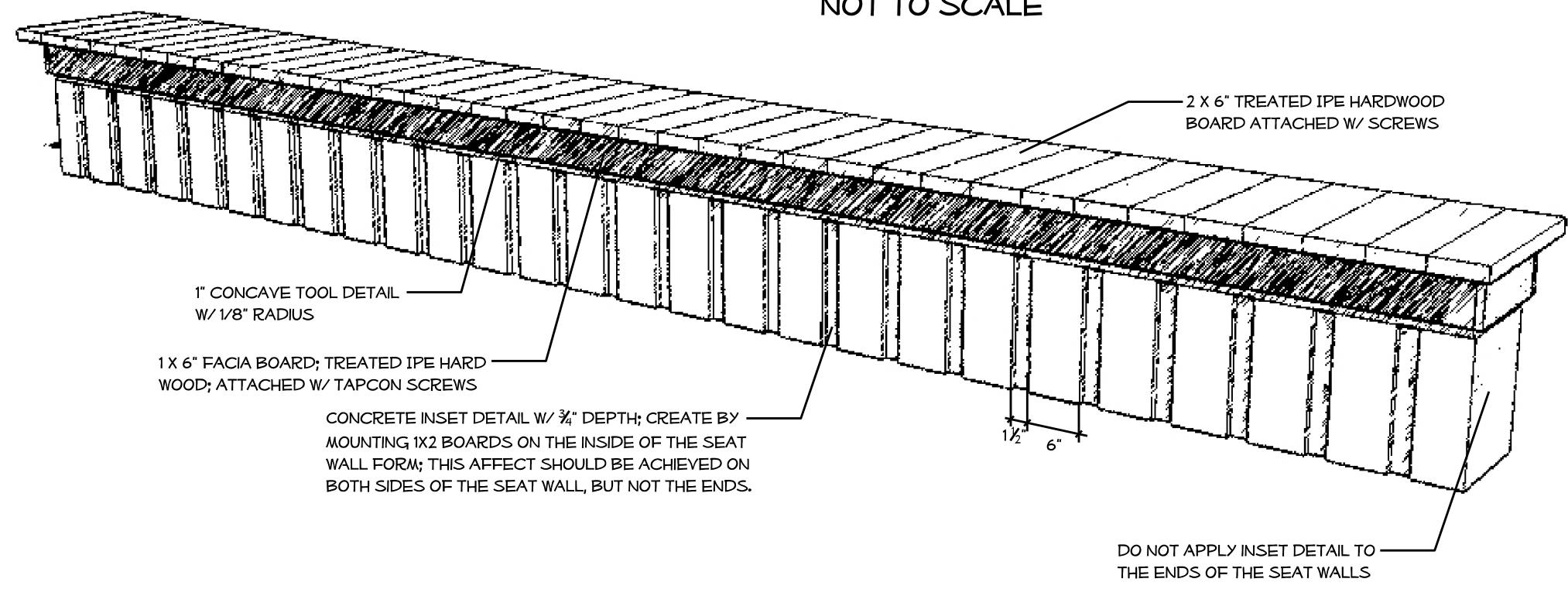


SECTION ELEVATION OF SEAT WALL W/ BENCH CAP



NOTE: 1) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAVERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE. 2) USE CLASS-B CONCRETE FOR SIDEWALKS, ADARAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.

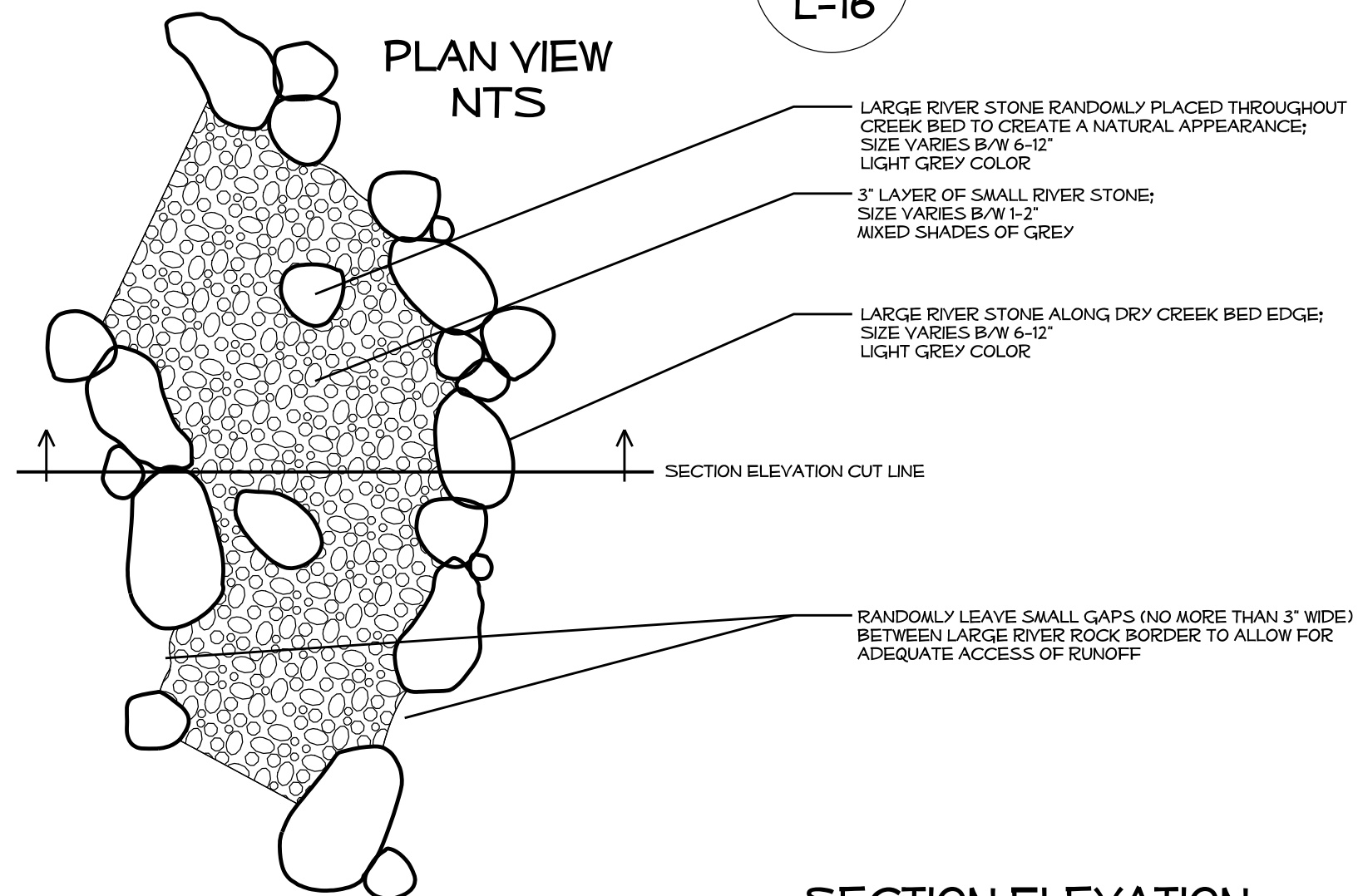
CONCRETE SEAT WALL SKETCH
NOT TO SCALE



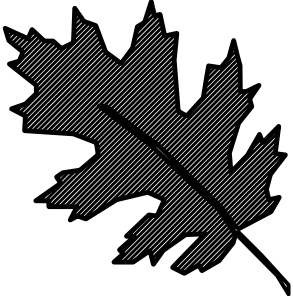
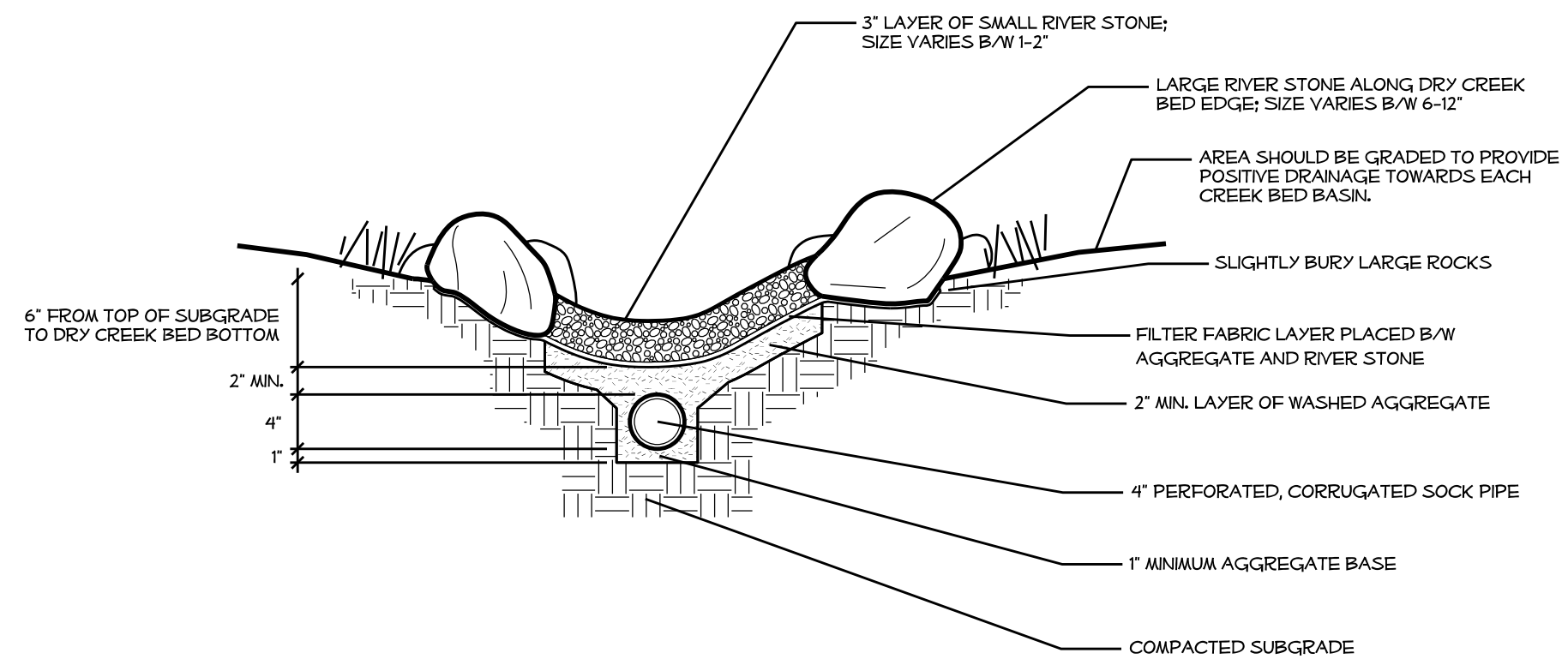
DCB
L-16

DRY CREEK BED

PLAN VIEW
NTS



SECTION ELEVATION
1"= 1'-0"



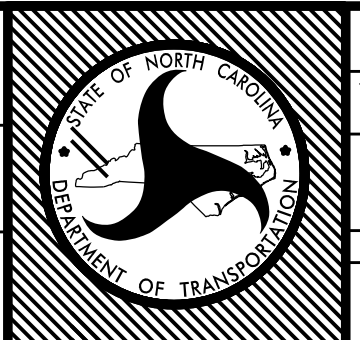
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CAMDEN COUNTY
CONTRACT #: 3701.3.24

PREP. DESIGNER
Kyle Cooper

| | | |
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| COMPONENT DETAILS 1 |
| LANDSCAPE PLAN SHEET |

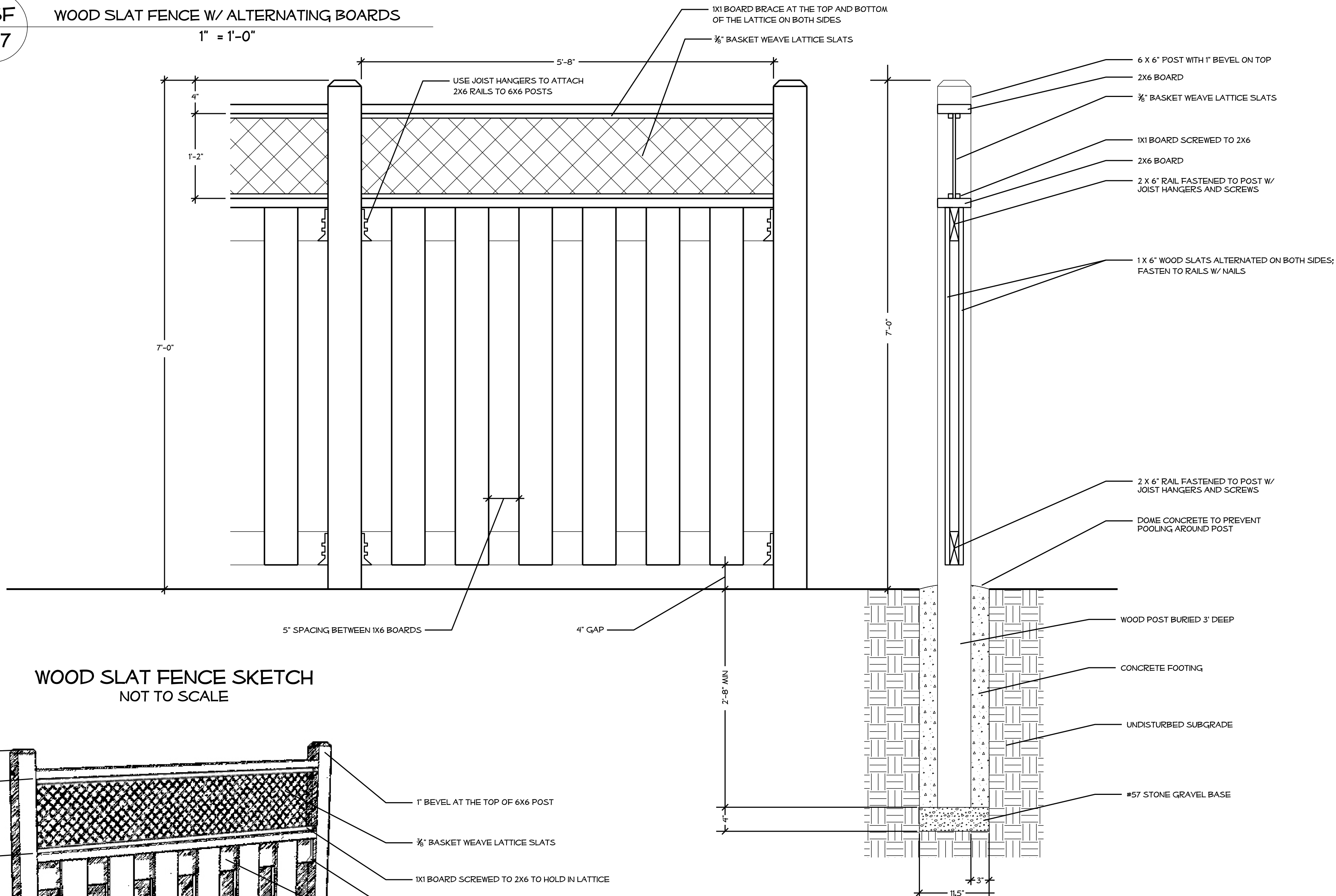


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| T.I.P. # | WBS # 3701.3.24 |
| FED ID. # | |
| SHEET NO : | TOTAL SHEET NO : |
| L-16 | 19 |

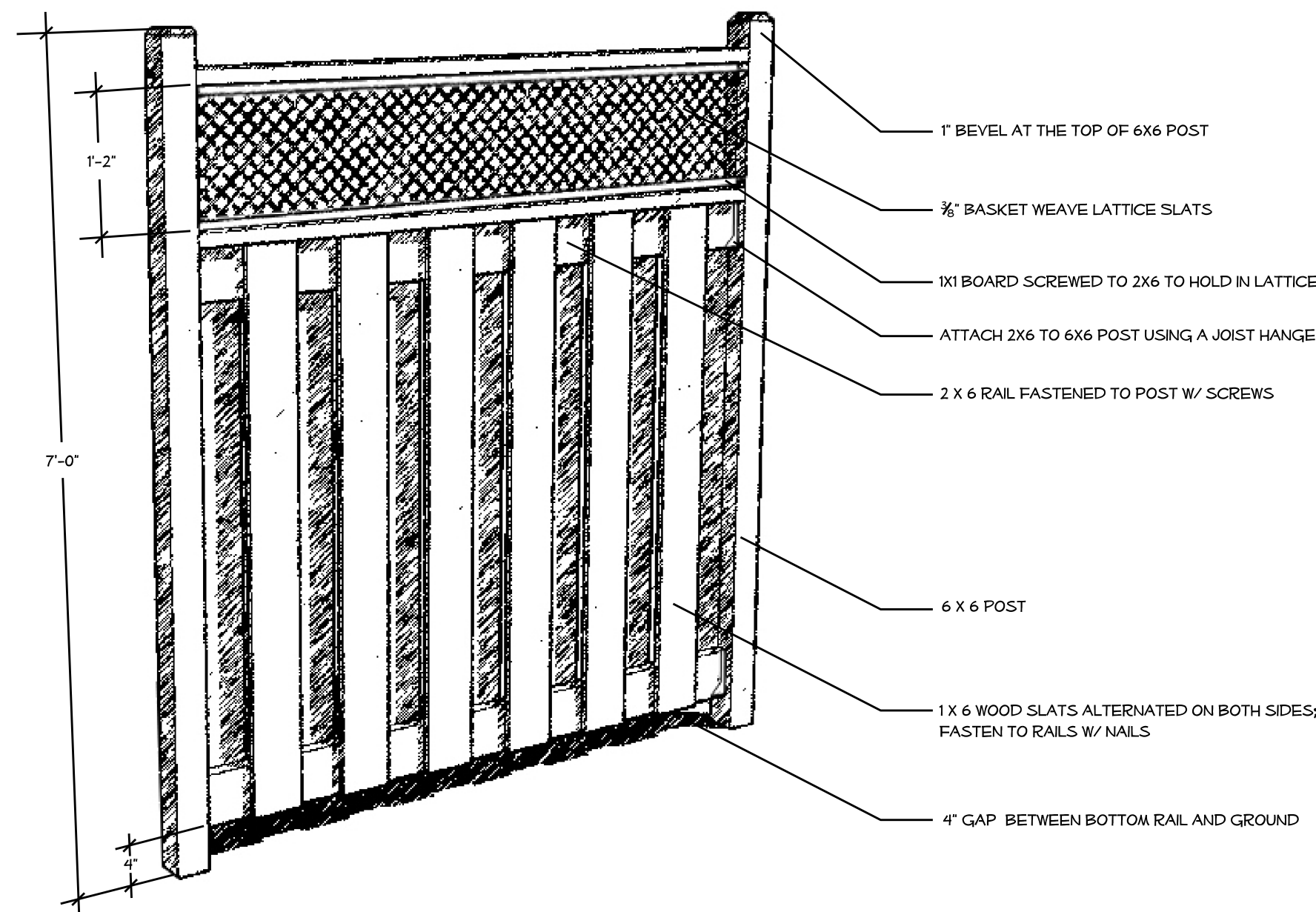
WSF
L-17

WOOD SLAT FENCE W/ ALTERNATING BOARDS

1" = 1'-0"



WOOD SLAT FENCE SKETCH
NOT TO SCALE



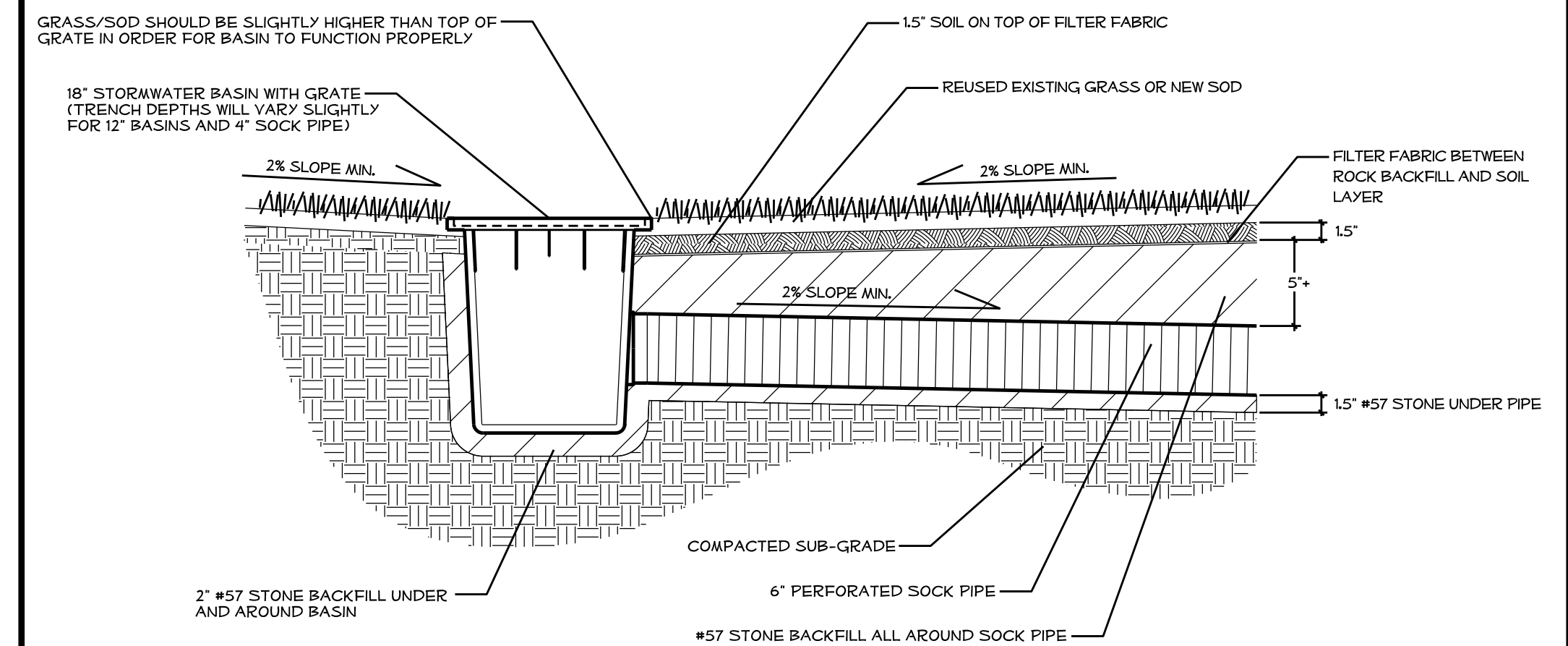
NOTE: 1) ALL NEW IMPERVIOUS SURFACES (6\"/>

SPB
L-17

SOCK PIPE AND STORMWATER CATCH BASINS

1" = 1'-0"

NOTE: BACKFILL MUST BE #57 STONE. ABC STONE IS NOT AN APPROVED SUBSTITUTE FOR BACKFILL.

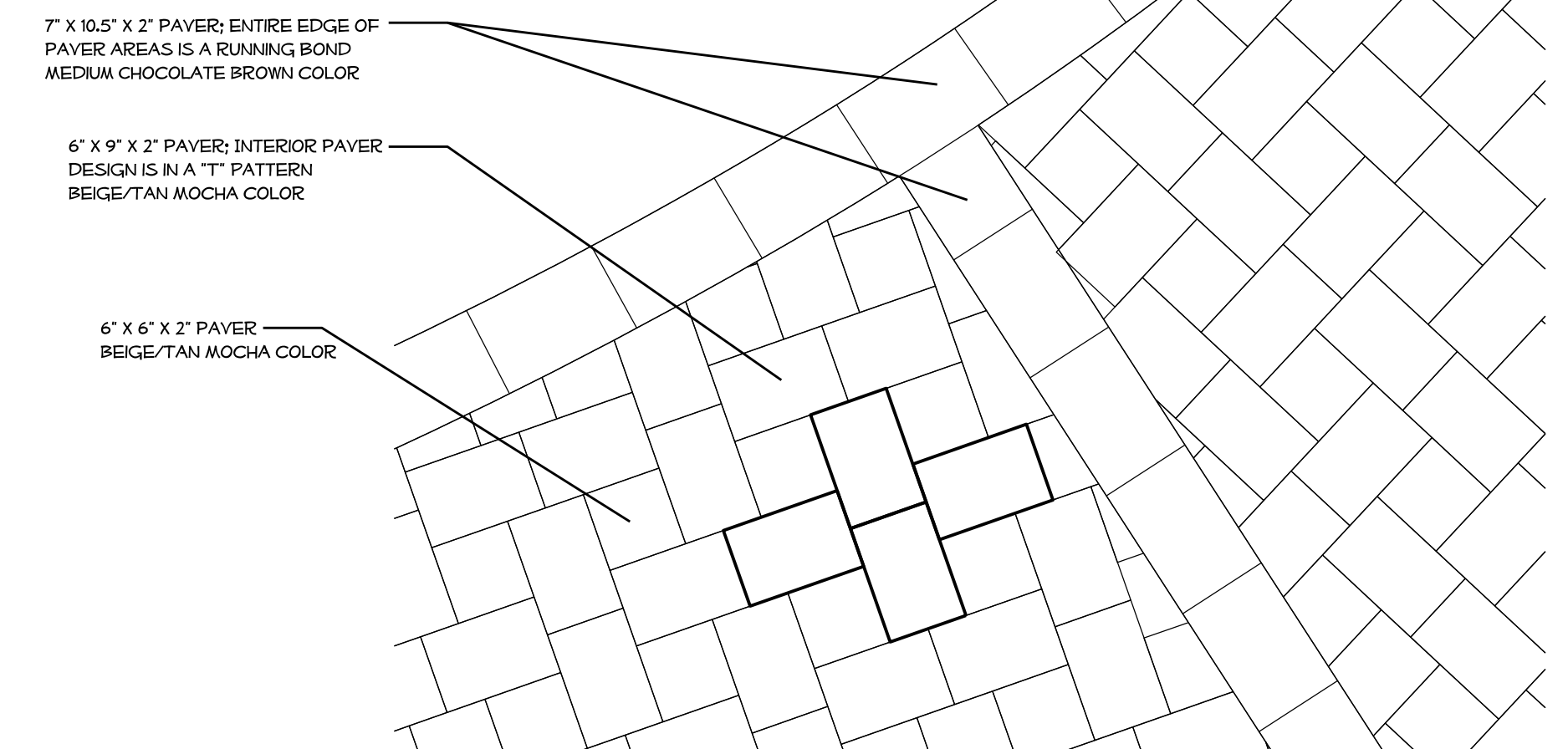


SP
L-17

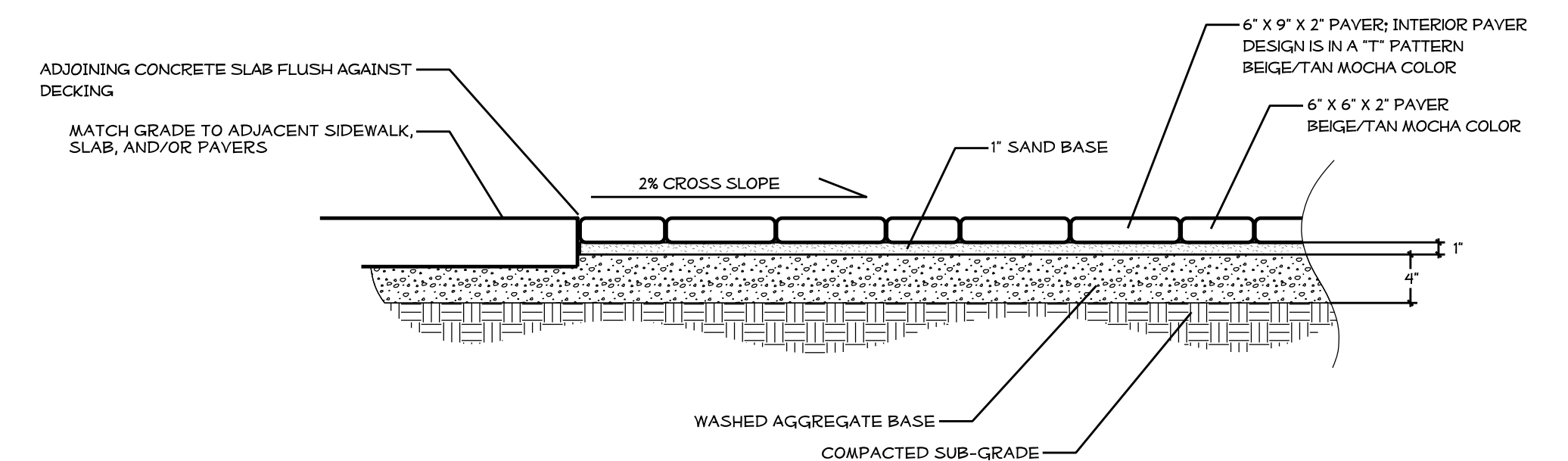
STONE PAVERS

1" = 1'-0"

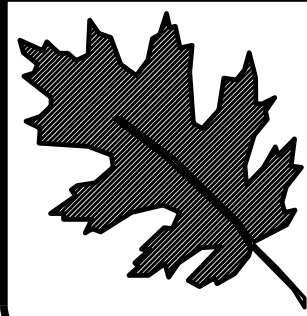
PLAN VIEW



SECTION ELEVATION



REVISIONS
1. 06/30/2015
2. 07/01/2015
3. 07/01/2015
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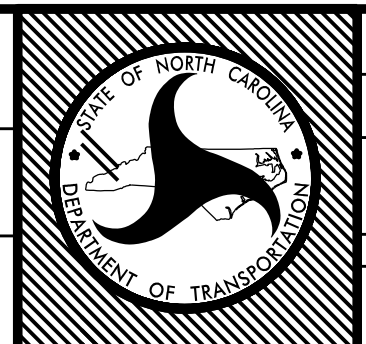
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CAMDEN COUNTY
CONTRACT #: 3701.3.24

REV. DESIGNER
KYLE COOPER

PREL. DESIGN DATE: APRIL 2015
CHECKED BY & DATE:
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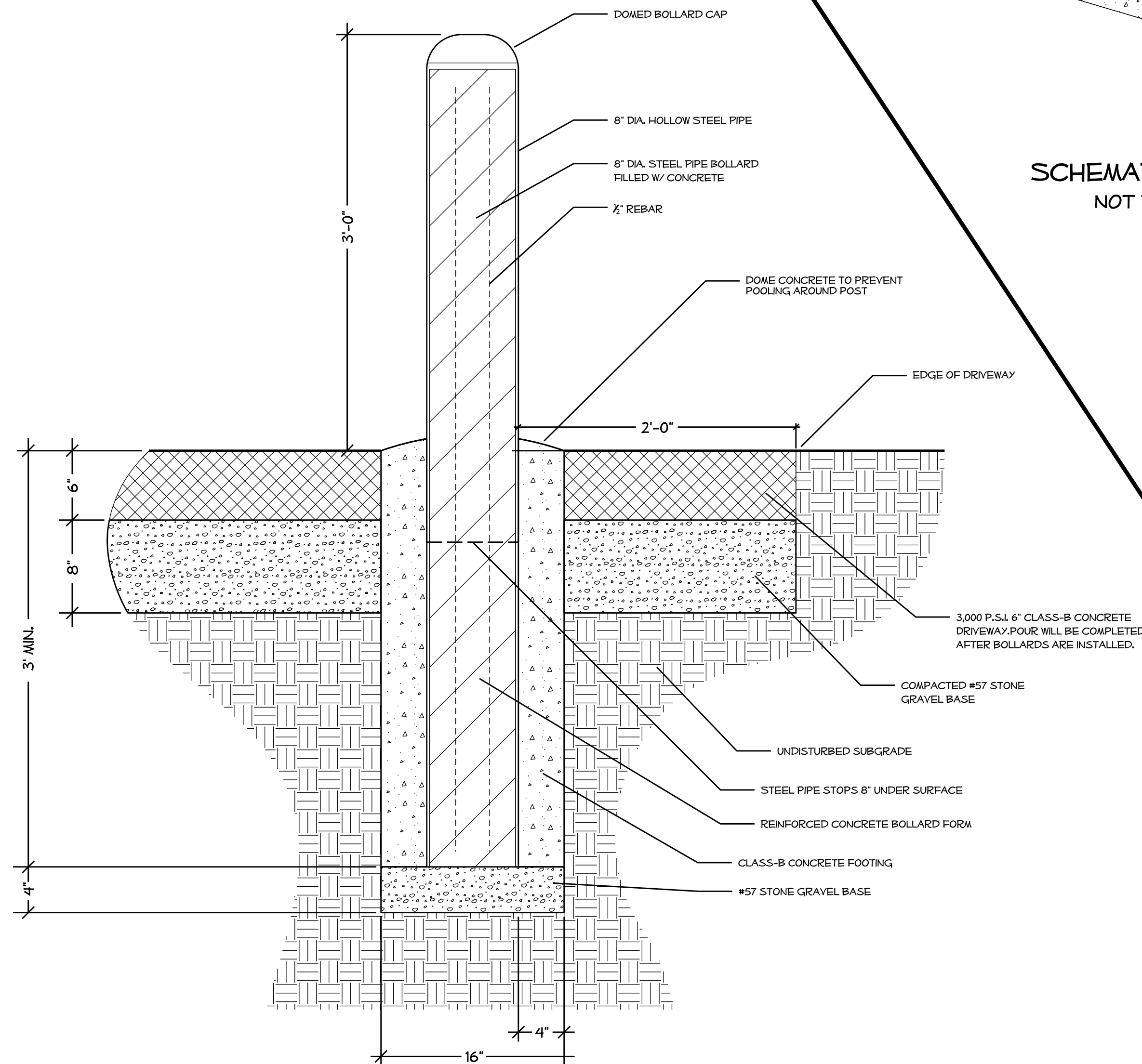
COMPONENT DETAILS 2
LANDSCAPE PLAN SHEET



T.I.P. #
WBS # 3701.3.24
FED I.D. #
SHEET NO: L-17
TOTAL SHEET NO: 19

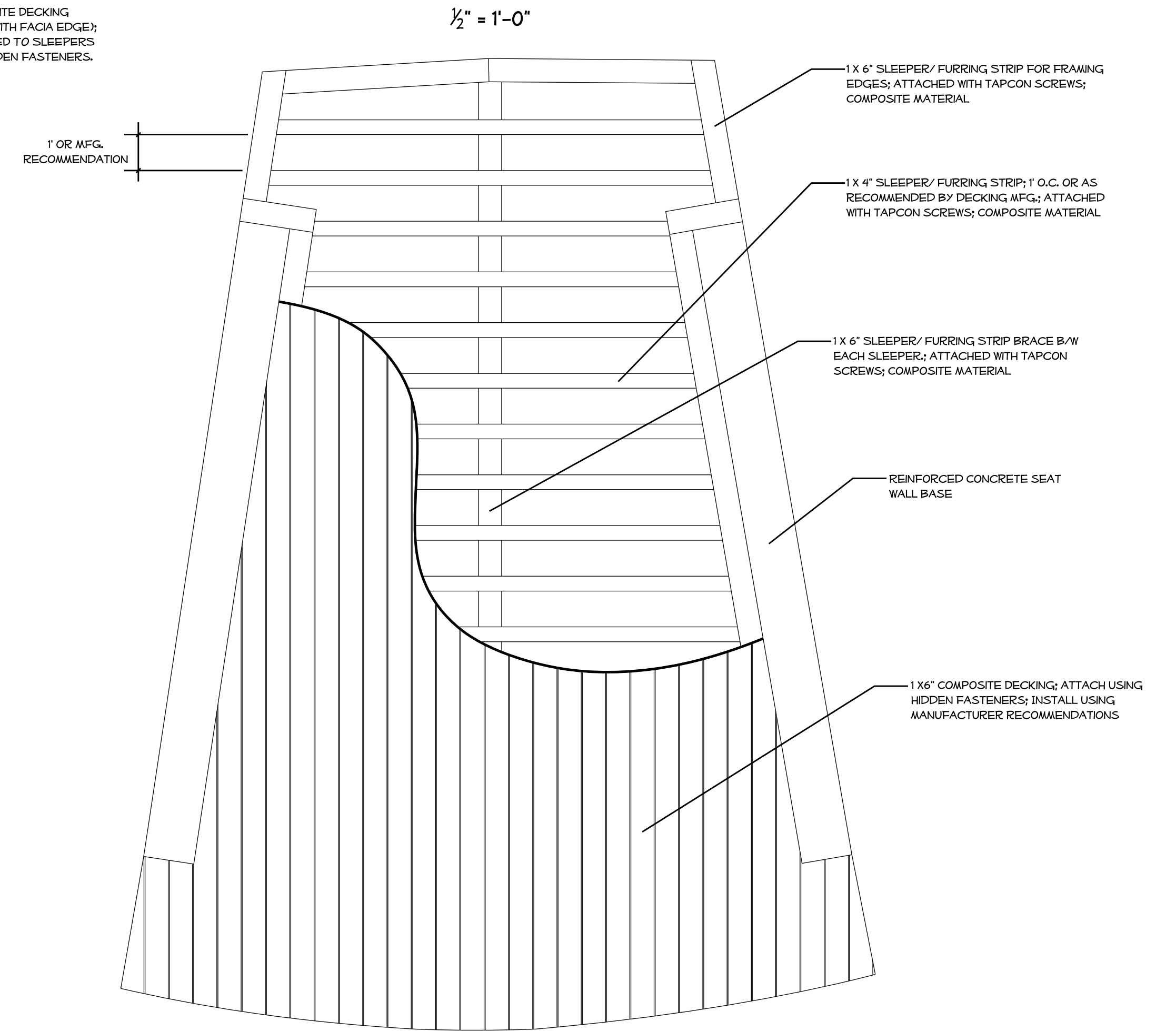
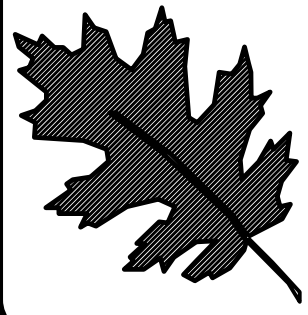
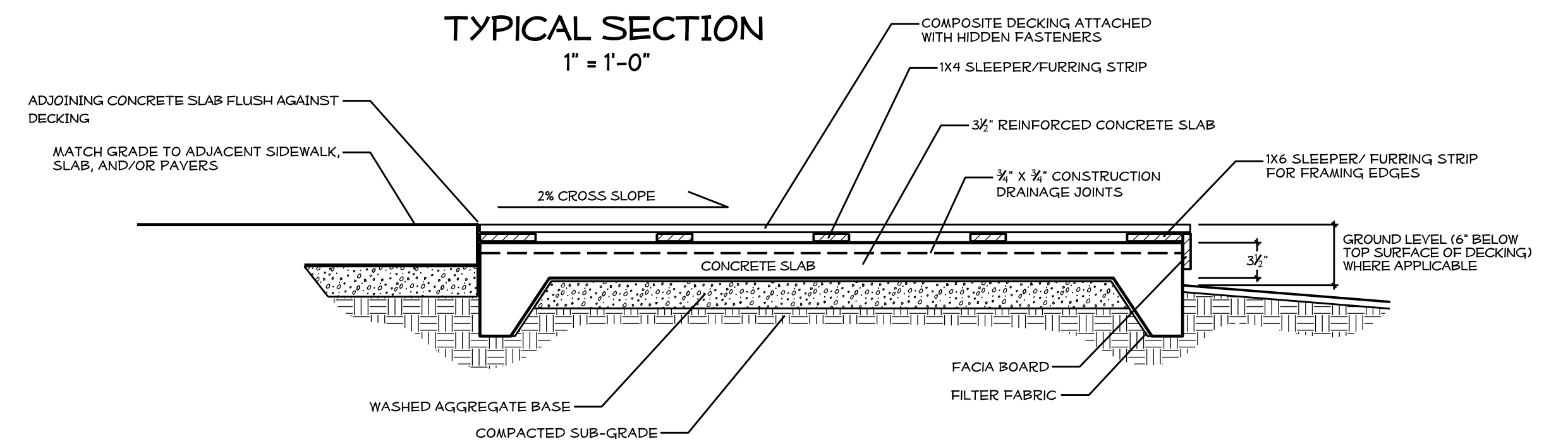
NOTE: 1) ALL NEW IMPERVIOUS SURFACES (6" CONCRETE DRIVEWAY, 4" SIDEWALKS, PAVERS, COMPOSITE DECKING, ETC.) SHOULD MAINTAIN A MINIMUM OF A 2% SLOPE TO ENSURE POSITIVE DRAINAGE.
2) USE CLASS-B CONCRETE FOR ALL SIDEWALKS, ADA RAMPS, DRIVEWAYS, PICNIC TABLE PADS, SEAT WALLS, FOOTINGS, BOLLARDS, OR SUB-SURFACE PADS.

- DETAIL CLARIFICATION -



- DETAIL CLARIFICATION -

NOTE: EACH DECK AREA IS DIFFERENT IN SIZE AND SHAPE AND WILL REQUIRE DIFFERENT APPROACHES

$$\frac{1}{2}'' = 1'-0''$$

$$1'' = 1'-0''$$


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CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY

CONTRACT #: 3701.3.24

REU. DESIGNER

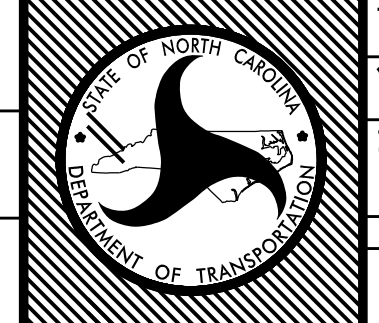
Kyle Cooper

SHEET DESCRIPTION:

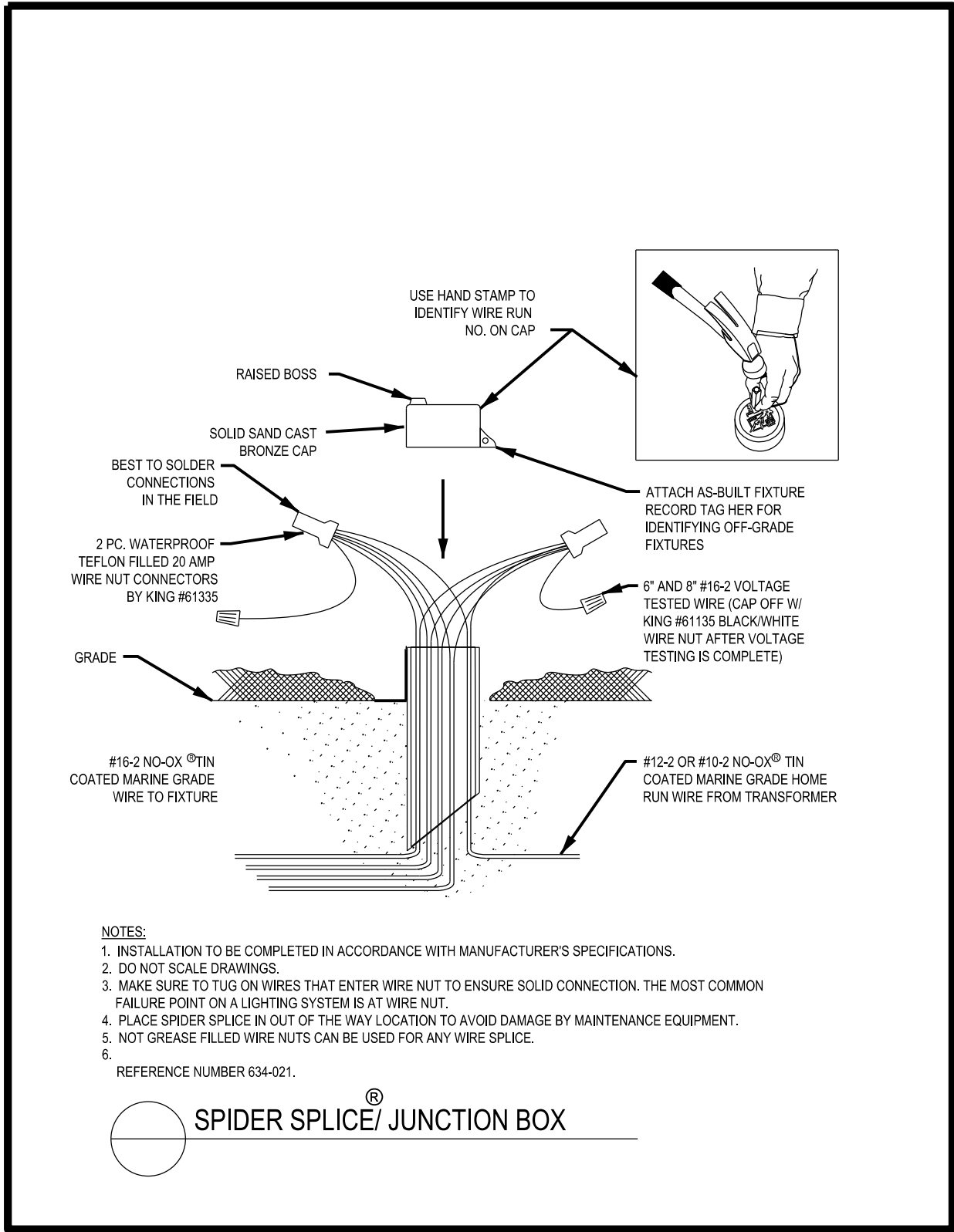
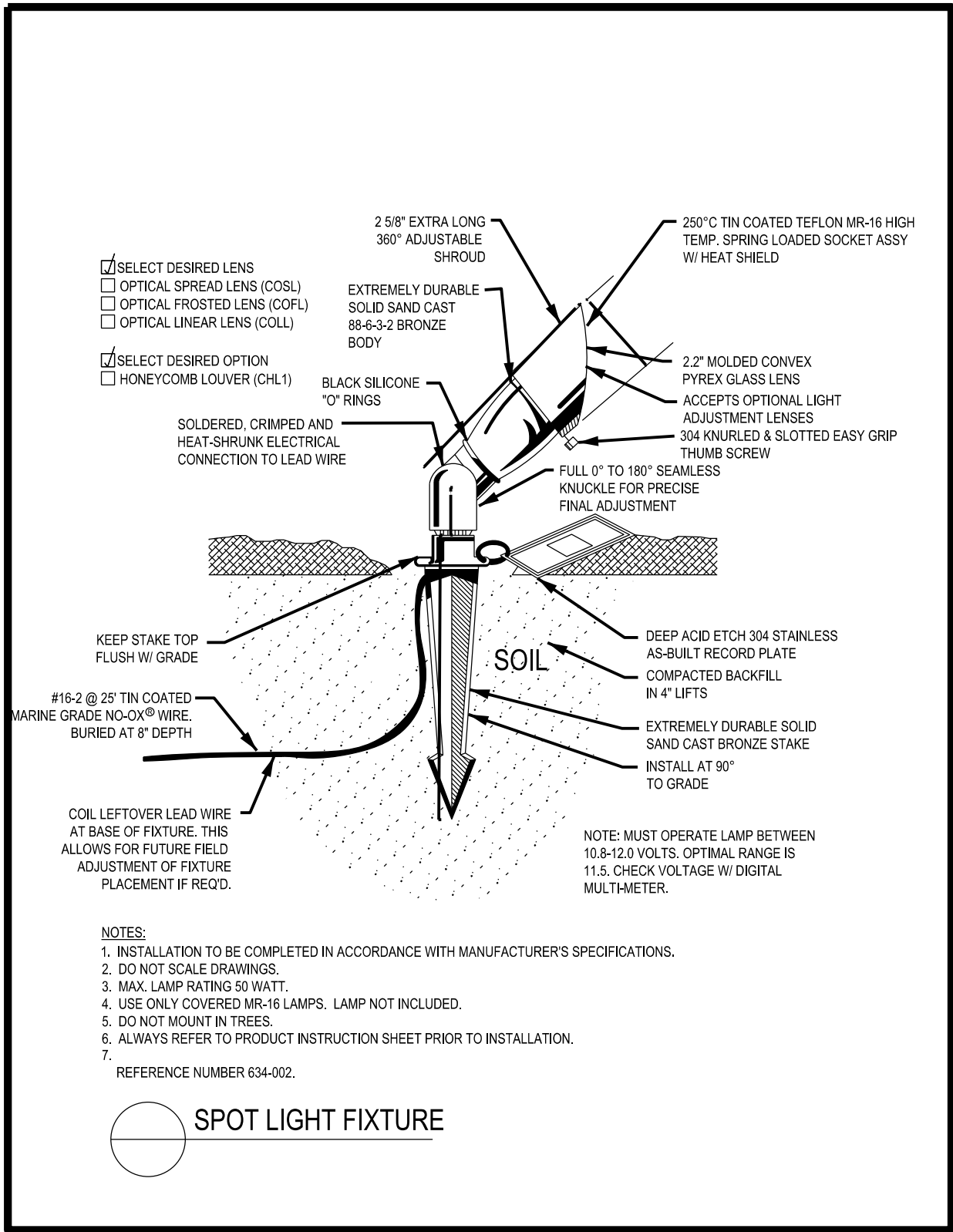
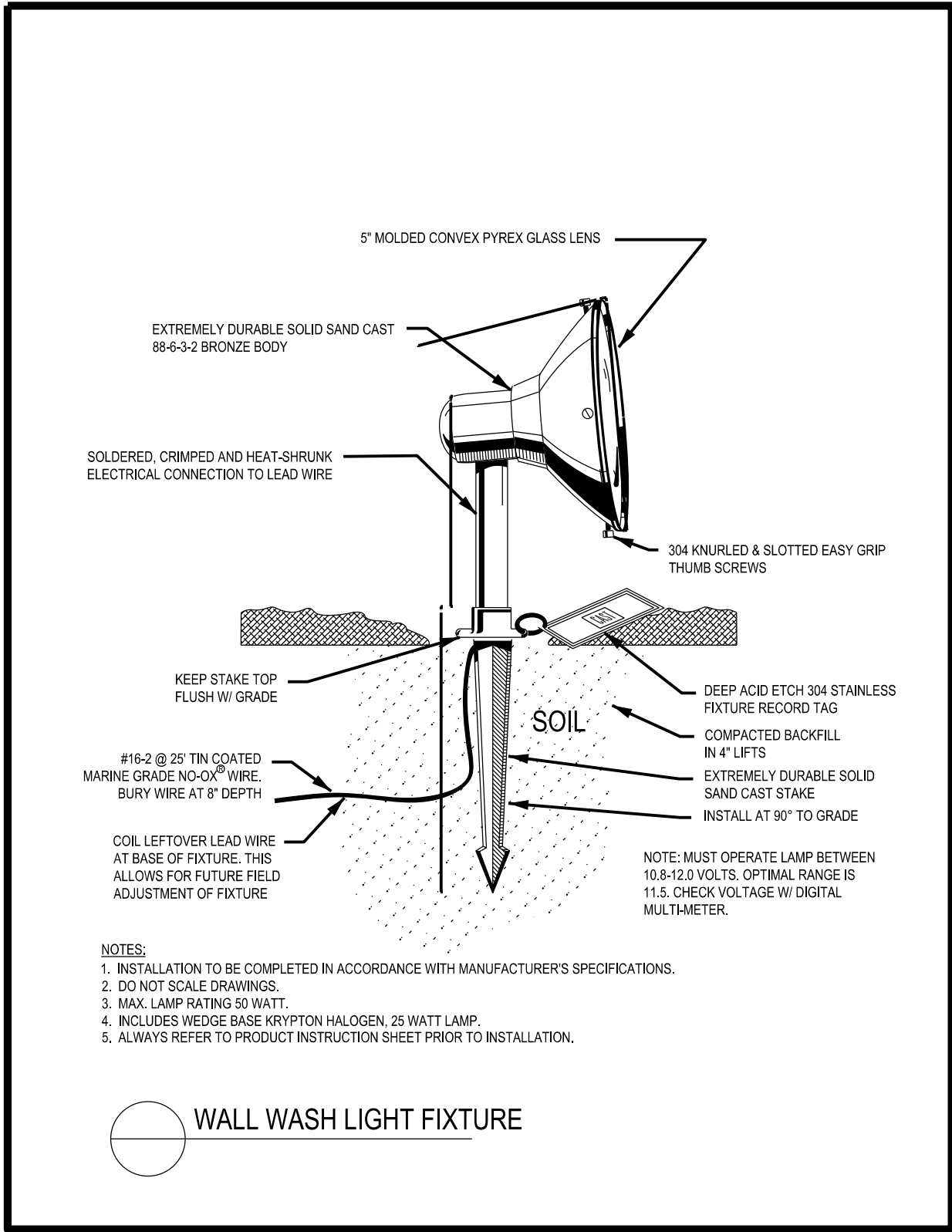
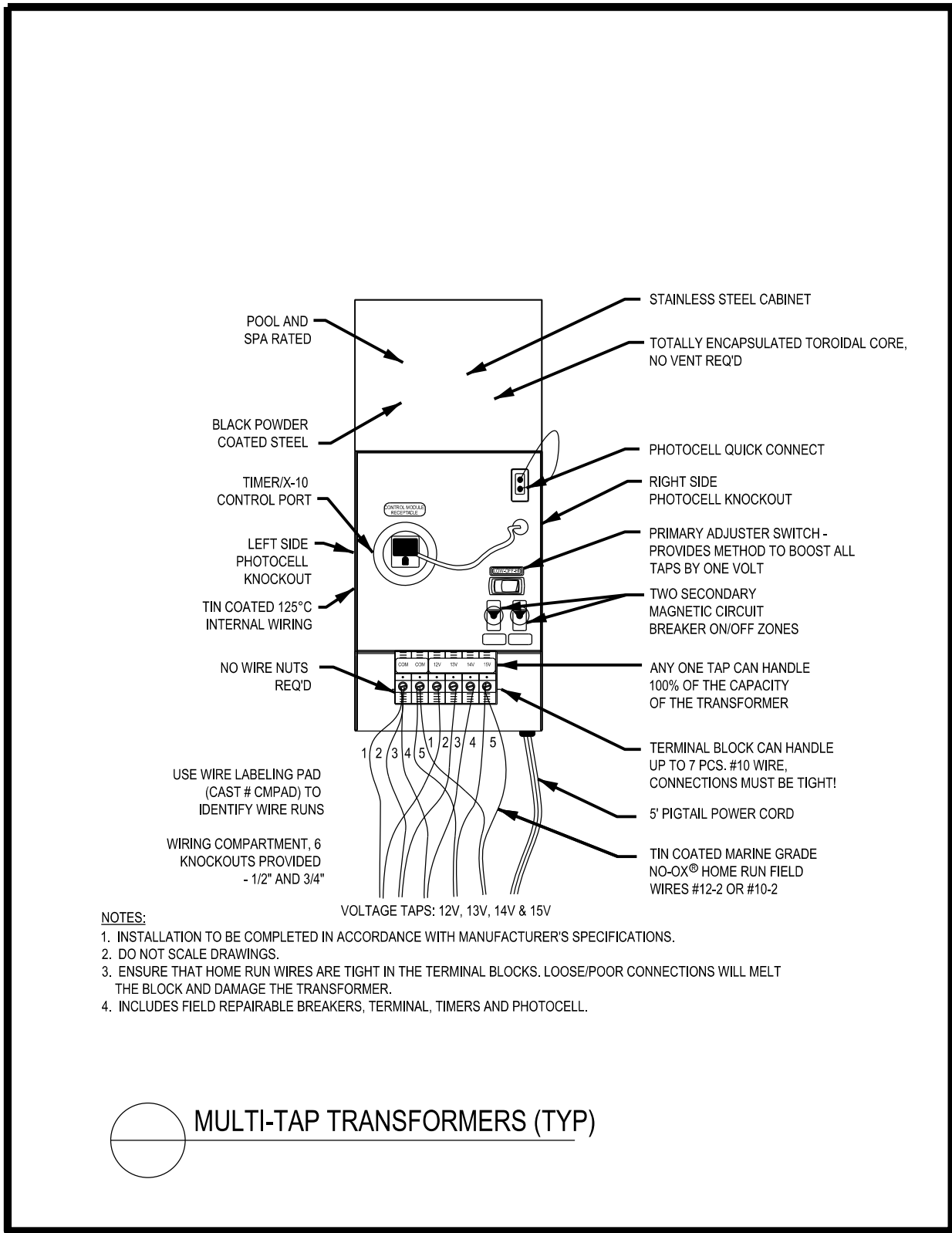
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|---------------------|---------------|
| PREL. DESIGN DATE : | APRIL 2015 |
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COMPONENT DETAILS 3

LANDSCAPE PLAN SHEET



| | |
|-----------------|------------------|
| T.I.P. # | |
| WBS # 3701.3.24 | |
| FED I.D. # | |
| SHEET NO : | TOTAL SHEET NO : |
| <i>L-18</i> | <i>19</i> |



LIGHTING NOTES & LEGEND

NOTE: ALL LIGHTING CONTRACTORS MUST BE LICENSED TO PERFORM WORK ASSOCIATED WITH CONSTRUCTION OR CONTRACTING OF LIGHTING SYSTEMS.

120V LIGHT FIXTURE: (MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO NAMED BRAND)

- DENOTES THE LOCATION OF EACH (LITHONIA, MALIBU, HAMPTON BAY, OR APPROVED EQUAL) 120V FLOOD LIGHT SUITABLE FOR A FLAGPOLE.

- FIXTURES SHOULD BE BROWN OR BLACK IN COLOR WITH LED BULBS IF POSSIBLE.

- STAKES OF THE SAME COLOR SHOULD BE PROVIDED FOR IN-GROUND STABILIZATION FOR ACCENT LIGHTS.

- CONTRACTOR SHALL PROVIDE AND INSTALL SPECIFIED FIXTURES, LAMPS, STAKES AND MOUNT AS NOTED ON THE LANDSCAPE LIGHTING PLANS. ALL WATTAGES AND BEAM SPREADS AS DETAILED ON THE LIGHTING DESIGN. FINAL ADJUSTMENT OF THE SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR AT THE DISCRETION THE ENGINEER. FINAL ADJUSTMENT WILL BE DONE AT NO ADDITIONAL EXPENSE TO THE CLIENT. IF REQUIRED, CONTRACTOR SHALL DEMONSTRATE IN THE FIELD THE OPERATING VOLTAGES OF THE SYSTEM TO THE THE ENGINEER.

LOW VOLTAGE LIGHT FIXTURE: (MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO NAMED BRAND)

- DENOTES THE LOCATION OF EACH (KICHLER, VOLT, HINKLEY, OR APPROVED EQUAL) 12V LED 4W 35 DEGREE FLOOD LIGHT.

- DENOTES THE LOCATION OF EACH (KICHLER, VOLT, FILAMENT DESIGN, OR APPROVED EQUAL) 12V 6-LED HARDSCAPE LIGHT FIXTURE W/ BRACKET

- FIXTURES SHOULD BE LOW VOLTAGE AND IN A BROWN OR BLACK COLOR WITH LED BULBS .

- STAKES OF THE SAME COLOR SHOULD BE PROVIDED FOR IN-GROUND STABILIZATION FOR ACCENT LIGHTS.

- CONTRACTOR SHALL PROVIDE AND INSTALL SPECIFIED FIXTURES, LAMPS, STAKES AND MOUNT AS NOTED ON THE LANDSCAPE LIGHTING PLANS. ALL WATTAGES AND BEAM SPREADS AS DETAILED ON THE LIGHTING DESIGN. FINAL ADJUSTMENT OF THE SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR AT THE DISCRETION THE ENGINEER. FINAL ADJUSTMENT WILL BE DONE AT NO ADDITIONAL EXPENSE TO THE CLIENT. ALL LAMPS SHALL OPERATE IN THE ACCEPTABLE RANGE OF BETWEEN 10.8 TO 12 VOLTS. IDEAL OPERATING VOLTAGE IS 11.5 VOLTS. IF REQUIRED, CONTRACTOR SHALL DEMONSTRATE IN THE FIELD THE OPERATING VOLTAGES OF THE SYSTEM TO THE THE ENGINEER.

WIRING

- DENOTES THE LOCATION OF #12 GAUGE 2-CONDUCTOR LIGHTING CABLE.

LOW VOLTAGE JUNCTION BOX:

- LOCATION OF LOW VOLTAGE JUNCTION BOX.

- ELECTRICAL JUNCTION BOX / SPIDER SPLICE AND RECORD TAG: THE BELOW GRADE BOX SHALL BE NEMA RATED FOR UNDERGROUND USE AND SIZED TO HOUSE ALL WIRING AND RECORD TAGS. CONTRACTOR SHALL INCLUDE WITHIN EACH JUNCTION BOX / SPIDER SPLICE A TAG NOTING EACH AS BUILT WIRE RUN TO AND FROM THE BOX.. THE TAG SHALL BE CONSTRUCTED OF NON-DEGRADABLE WATERPROOF MATERIAL. NOTATION ON EACH TAG CAN BE STAMPED AND/OR WRITTEN IN LEGIBLE WATERPROOF INK. AS-BUILT RECORDS SHALL INDICATE OFF-GRADE INFORMATION, THE WIRE RUN NUMBER, TRANSFORMER NUMBER, LAMP INSTALLED, AND THE INDIVIDUAL NUMBERED FIXTURE ON THE WIRE RUN AND TOTAL FIXTURES ON THE WIRE RUNS. THE AS-BUILT RECORD TAGS WILL INSURE THAT THE LONG-TERM MAINTENANCE OF THE SYSTEM IS CARRIED OUT FOLLOWING THE ORIGINAL DESIGN OF THE SYSTEM.

LOW VOLTAGE TRANSFORMER:

- LOCATION OF 12-VOLT TRANSFORMER WITH DIGITAL TIMER AND DUSK-TO-DAWN SENSOR.

- PROVIDE AND INSTALL 12-VOLT (150 WATT) U.L. LISTED TRANSFORMER. TRANSFORMER SHALL BE MOUNTED FOLLOWING SPECIFICATIONS IN THE TRANSFORMER STAND DETAIL DRAWING. TRANSFORMER INSTALLATION SHALL INCLUDE ROMEX STRAIN RELIEF CONNECTORS ON ALL SECONDARY WIRING ENTERING THE TRANSFORMER. SHOULD CONTRACTOR CHOOSE TO INSTALL HARD PIPE CONDUIT, A VALVE BOX SHALL BE PLACED DIRECTLY UNDER TRANSFORMER WHERE HARD PIPE CONDUIT WILL TERMINATE. VALVE BOX WILL ALLOW SLACK WIRE COLLECTION POINT TO ALLOW FUTURE SERVICING AND CLEANER INSTALLATION. TRANSFORMER CABINET SHALL BE CONSTRUCTED OF STAINLESS STEEL WITH MANUFACTURER APPLIED BLACK POWDER COATING TRANSFORMER SHALL INCLUDE QUICK CONNECT FEATURE TO ALLOW THE QUICK INSTALLATION OF A PHOTO CELL OR 20' REMOTE PHOTO CELL IF REQUIRED AT A LATER DATE. IF NOT ALREADY INCLUDED, TRANSFORMER SHALL INCLUDE PLUG POINT FOR TIMER OR X-10 UNIT FOR ON/OFF CONTROL. A PLUG IN, DIGITAL SETTINGS, MULTI-FUNCTION TIMER SHALL BE PROVIDED WITH EACH INSTALLED TRANSFORMER. TRANSFORMER SHALL INCLUDE 125 AMPERAGE RATED TERMINAL BLOCK SECONDARY FIELD WIRING CONNECTION POINT. NO WIRE NUT SECONDARY WIRING CONNECTIONS SHALL BE ALLOWED AT THE TRANSFORMER. ALL INTERNAL TRANSFORMER WIRING SHALL BE 140°C RATED HIGH TEMPERATURE TIN-COATED WIRE. NO INTERNAL WIRING LESS THAN 140°C TIN-COATED SHALL BE ALLOWED. TRANSFORMER SHALL BE CAPABLE OF LOADING 100% OF THE LOAD OF THE TRANSFORMER ON ANY OF THE SECONDARY FIELD TAPS 12V, 13V, 14V, 15V, 16V, 17V AND 18 VOLTS. TRANSFORMER SHALL HAVE VOLTAGE TAPS OF 12V, 13V, 14V, 15V, 16V, 17V AND 18 VOLTS. MOUNT TRANSFORMER BOX TO NOTED LOCATION AND AS DIRECTED/APPROVED BY THE ENGINEER.

GENERAL INFORMATION

- CONTRACTOR SHALL TAKE AMPERAGE READINGS ON ALL SECONDARY FIELD CIRCUIT WIRES WHEN DONE WITH THE INSTALLATION AND RECORD THE READINGS ON THE INSIDE OF THE TRANSFORMER COVER ON THE STICKER PROVIDED WITH A FINE POINT PERMANENT MARKER. CONTRACTOR SHALL BURY ALL SECONDARY WIRES A MIN. OF 8" DEPTH FROM SURFACE. CONTRACTOR SHALL SLEEVE ALL WIRES ENTERING PLANTING BEDS FROM TURF OR UNDER WALKS WITHIN PRE-INSTALLED 1" PVC. REVIEW LANDSCAPE PLANS, AND CONFIRM WITH THE ENGINEER, ON EXACT LOCATIONS OF SLEEVES. CONTRACTOR SHALL LEAVE ALL EXCESS FIXTURE WIRE AT THE FIXTURE TO ALLOW EASY FIELD ADJUSTMENT OF THE FIXTURE IF REQUIRED.

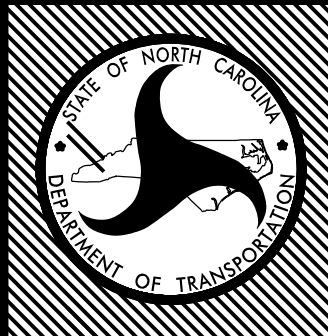
*****UNLESS OTHERWISE NOTED*****

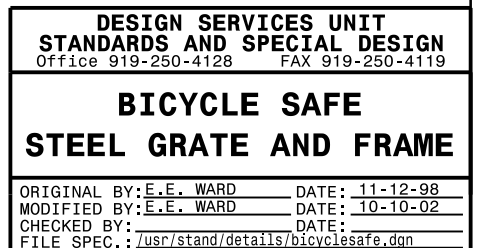


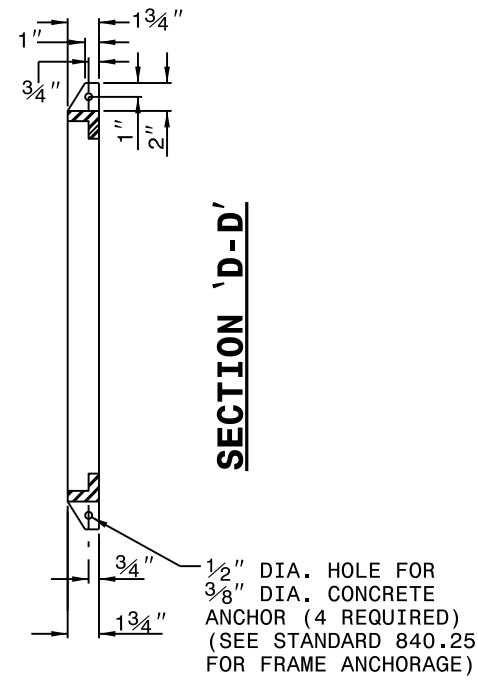
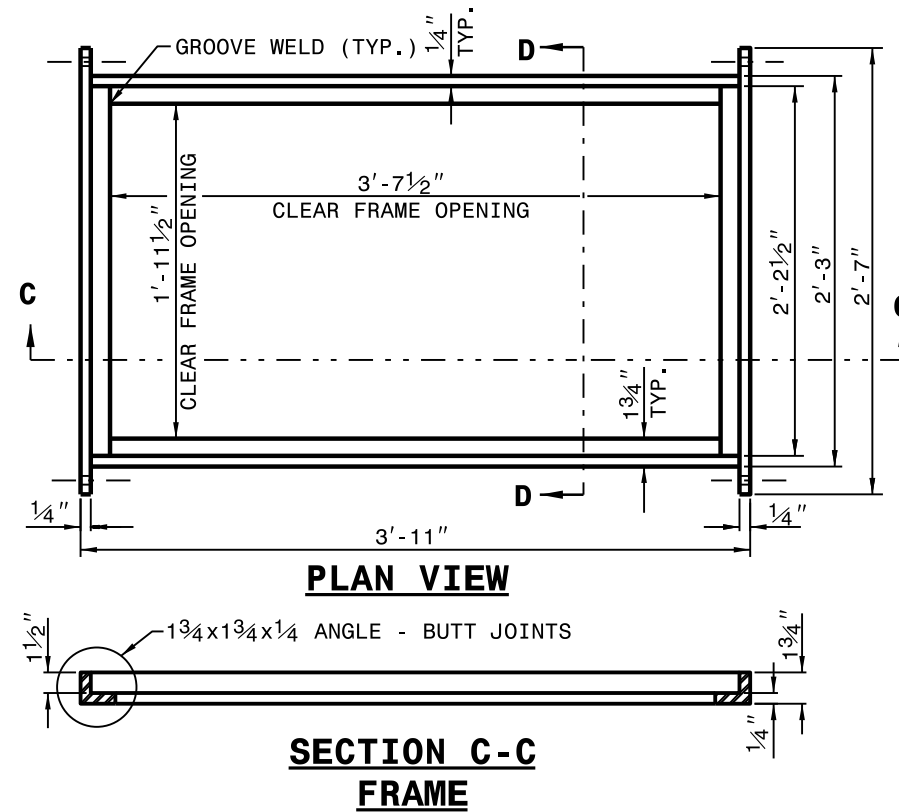
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-707-2935 FAX: 919-715-2554
HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP.CHEF.ENG/ROADSIDE/

CAMDEN COUNTY VISITOR CENTER
CAMDEN COUNTY
CONTRACT #: 3701.3.24

REV. DESIGNER
KYLE COOPER

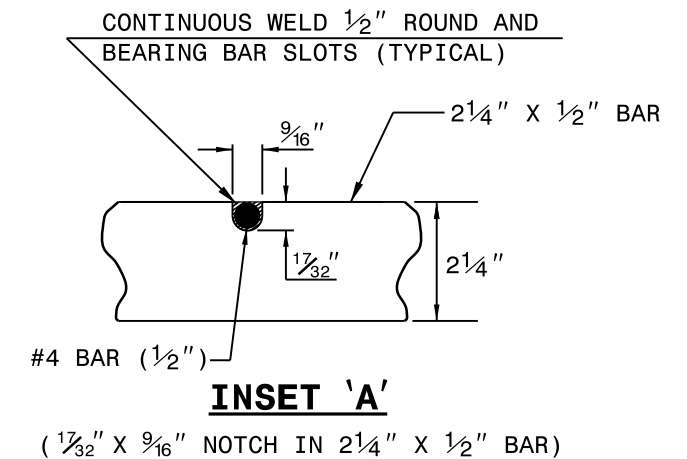
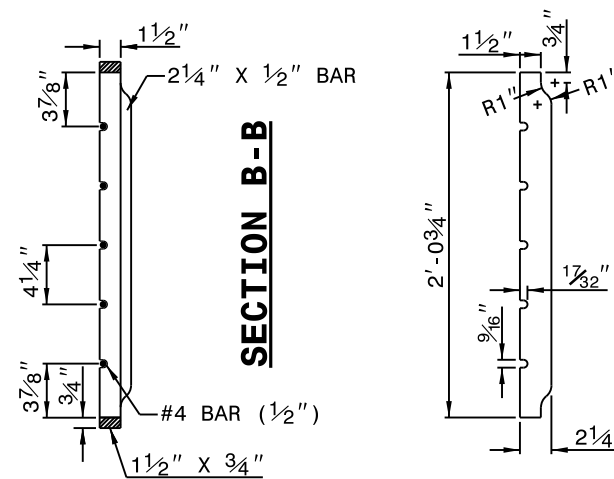
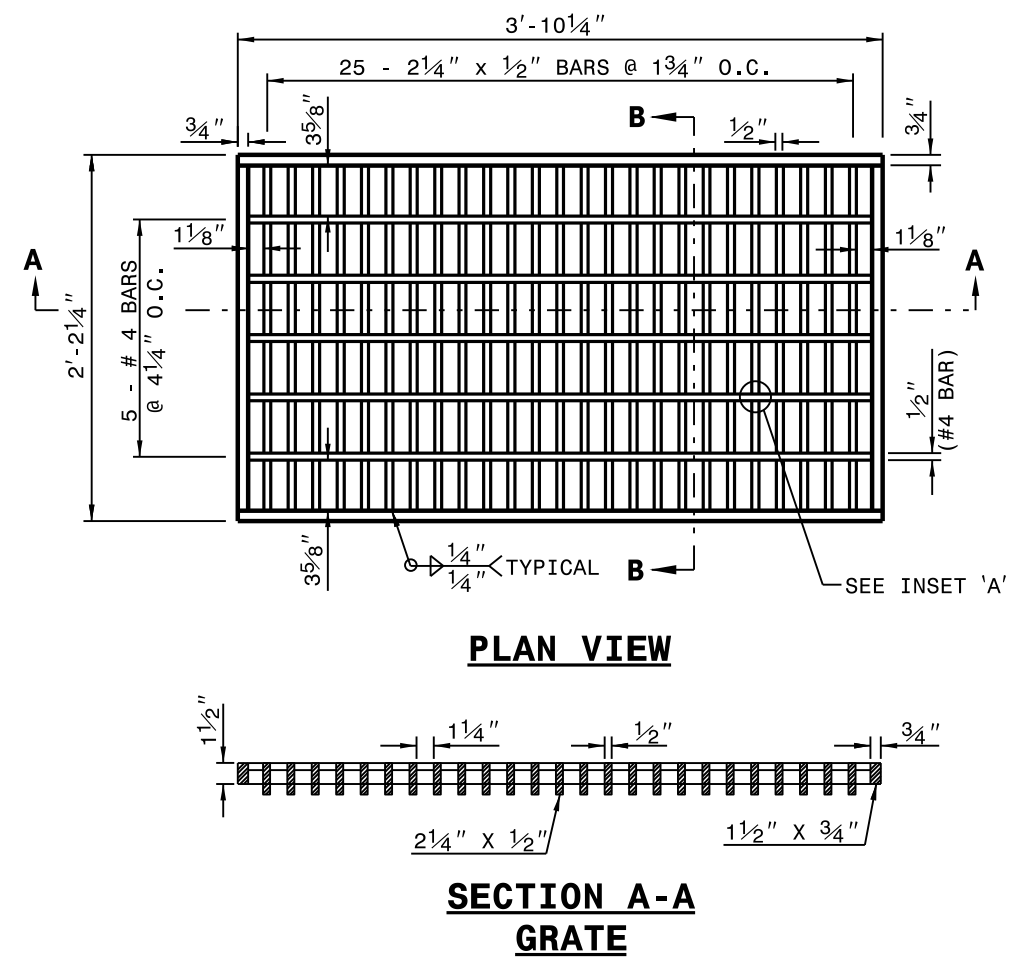
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|--------------------|-----------------------------------|----------------------|---|-----------------|
| SHEET DESCRIPTION: | PREL. DESIGN DATE : APRIL 2015 | LIGHTING SPECS |  | T.I.P. # |
| | CHECKED BY & DATE : | LANDSCAPE PLAN SHEET | | WBS # 3701.3.24 |
| | FINAL DESIGN DATE : JUNE 30, 2015 | | | FED I.D. # |
| | SHEET NO : TOTAL SHEET NO : | | | |
| | | | | L-19 19 |





- NOTES:

1. HOT DIP GALVANIZE FRAME AND GRATE IN ACCORDANCE WITH ASTM DESIGNATION A-123 AND AASHTO M-111.
2. GRATE SHOULD MEET HS-20 LOADING.
3. PROVIDE STEEL CONFORMING TO THE REQUIREMENTS OF A.S.T.M. DESIGNATION A-36.
4. WELD IN ACCORDANCE WITH THE ANSI/AASHTO/AWS D1.5 WELDING CODE. SEAL WELD ALL CONNECTIONS ALONG TOP AND BOTTOM HORIZONTAL SEAMS OF CONNECTIONS IN ADDITION TO ANY REQUIRED STRUCTURAL WELDS.
5. SEE STANDARD DRAWING 840.25 FOR FRAME ANCHORAGE.



REVISED 10-10-02
FOR HS-20 LOADING

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

**BICYCLE SAFE
STEEL GRATE AND FRAME**

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ORIGINAL BY: E.E. WARD      DATE: 11-12-98
MODIFIED BY: E.E. WARD      DATE: 10-10-02
CHECKED BY:                  DATE:
FILE SPEC.: /usr/stand/details/bicyclesafe.dgn

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