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NOW OR FORMERLY
 J.L. MORRIS ENTERPRISES OF
 HAMPSTEAD, INC.
 DEED BOOK 2687, PAGE 0112
 USE: COMMERCIAL
 ZONING: PD

NOW OR FORMERLY
 JAMES L. CORNETTE
 DEED BOOK 1705, PAGE 0107
 USE: COMMERCIAL
 ZONING: PD

NOW OR FORMERLY
 SEALAWN MEMORIAL CEMETERY
 DEED BOOK 713, PAGE 167
 USE: COMMERCIAL
 ZONING: PD

NOW OR FORMERLY
 JAMIE JERNIGAN
 LOT 3 MAP BOOK 18, PAGE 15
 USE: COMMERCIAL
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NOW OR FORMERLY
 VIJAY RANDIVE
 LOT 7 MAP BOOK 18, PAGE 25
 USE: COMMERCIAL
 ZONING: PD

APPROVED BY THE PENDER COUNTY UNIFIED
 DEVELOPMENT ADMINISTRATOR
 SIGNATURE _____ DATE _____
 SITE PLAN VALID FOR FIVE YEARS
 FROM APPROVAL DATE

CURVE TABLE						
CURVE #	RADIUS	LENGTH	TANGENT	DELTA	PC	PT
C3	39.51'	62.55'	40.00'	090°42'57"	0+70.50	1+33.05
C4	31.00'	48.69'	31.00'	090°00'00"	2+94.45	3+43.14

LINE TABLE		
LINE #	LENGTH	DIRECTION
L4	70.50'	S41°58'58.00"E
L5	161.40'	S48°43'59.00"W
L6	55.95'	S41°16'01.00"E

LEGEND

- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- GRAVEL AREA

SITE DATA

PROJECT ADDRESS: 248 TRANSFER STATION ROAD
 PENDER COUNTY PIN: 4203-17-8616-0000
 CURRENT ZONING DISTRICT: OI & CDI - OFFICE & INDUSTRIAL
 CONDITIONAL ZONING DISTRICT
 CURRENT LAND USE: INDUSTRIAL
 LOT SIZE: 19.21 ACRES (±)

PROPOSED BUILDINGS:
 SCALE HOUSE (PHASE 1 - BY OTHERS) = 312 SF
 ATTENDANT BUILDING (PHASE 2 - BY OTHERS) = 200 SF
 TOTAL (BY OTHERS) = 512 SF

OFF STREET PARKING CALCULATIONS:
 PARKING SPACES REQUIRED = 1 PER 1,000 SF ENCLOSED FLOOR AREA
 = 512 SF / 1,000 SF = 1 PARKING SPACE
 PARKING SPACES PROVIDED = 5
 - 3 FOR SCALE OPERATOR PARKING (PHASE 1)
 - 2 FOR CONVENIENCE CENTER OPERATOR PARKING (PHASE 2)
 HANDICAP SPACES PROVIDED = 2
 - 1 HANDICAP SPACE PROVIDED IN EACH PARKING AREA

SETBACKS:
 FRONT - 25 FT
 REAR - 10 FT
 SIDE - 10 FT

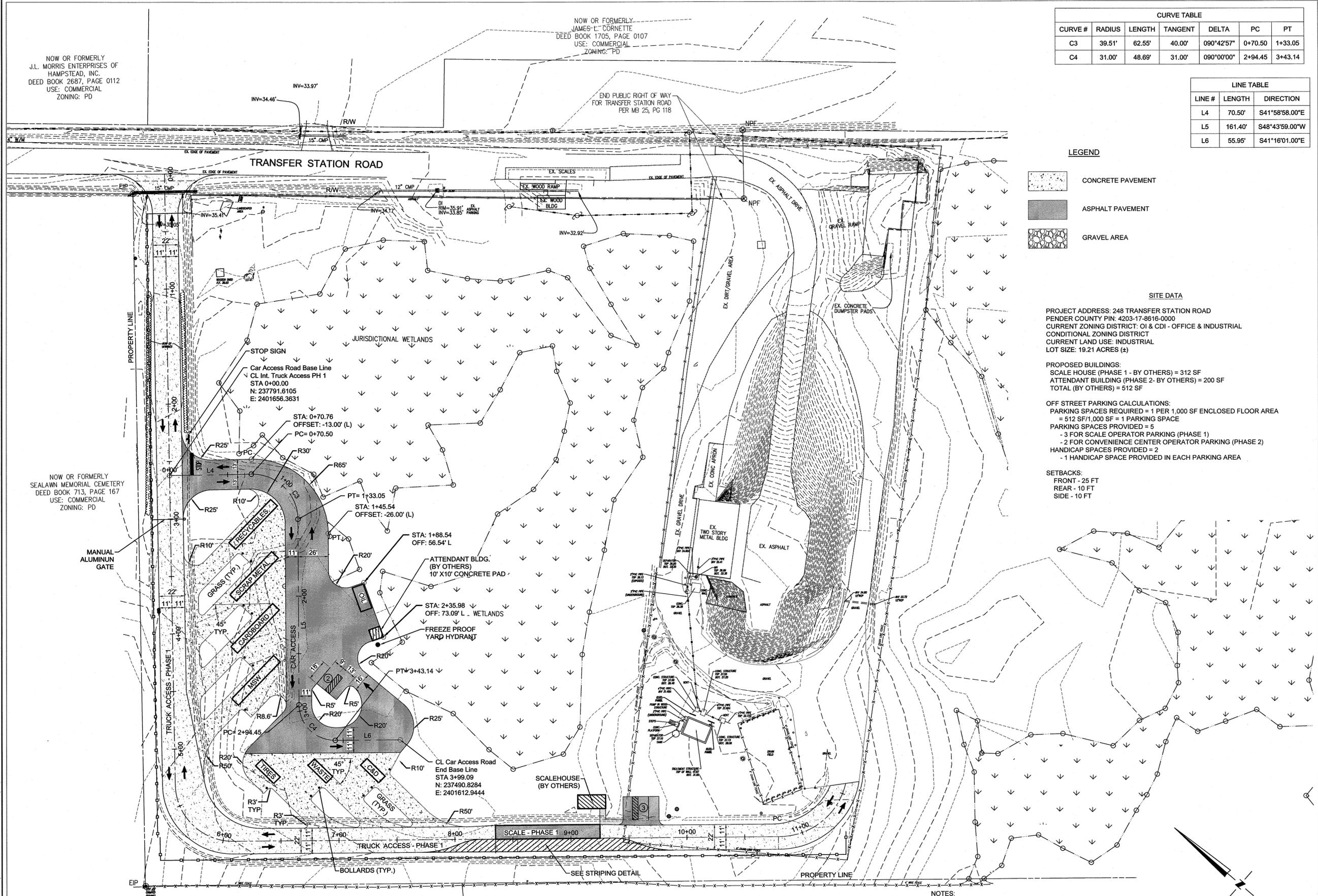
WK DICKSON
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NORTH CAROLINA
 PROFESSIONAL SEAL
 DENISE L. FREUND
 028597
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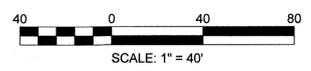
NO.	DATE	DESCRIPTION	BY

PROJECT NAME:
**PENDER COUNTY SOLID WASTE CONVENIENCE
 CENTER AND TRUCK SCALE RELOCATION**
 PENDER COUNTY, NORTH CAROLINA
 DRAWING TITLE:
SITE PLAN - PHASE 2

PROJ. MGR.: DLF
 DESIGN BY: DLF
 DRAWN BY: NS/HRW
 PROJ. DATE: MARCH 2015
 DRAWING NUMBER:
C7 OF X
 WKD PROJ. NO.:
 20140024.00.WL



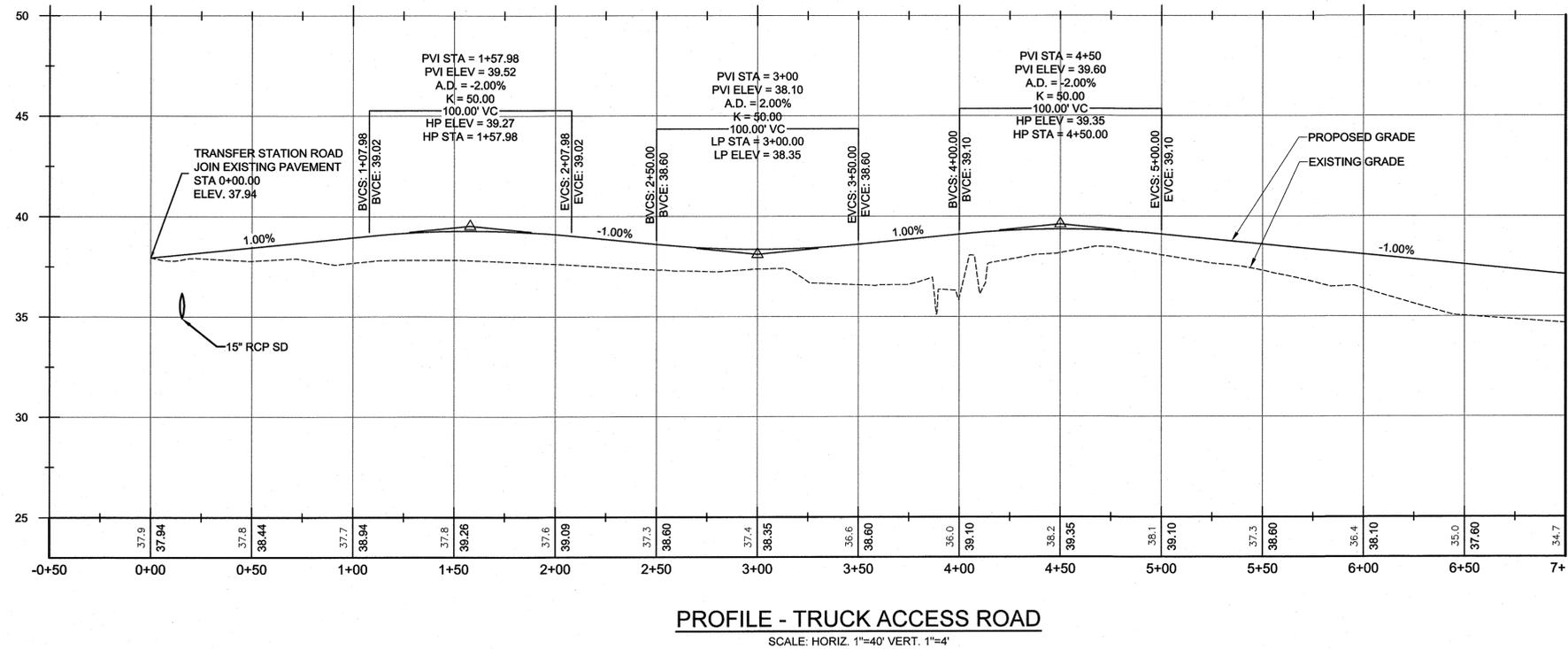
- NOTES:**
- CONTRACTOR TO STAKE LIGHT POLE LOCATIONS FOR DUKE ENERGY INSTALLATION.
 - SEE SITE ELECTRICAL PLAN FOR TRANSFORMER, PANEL BOX, AND CONDUIT LOCATIONS.
 - PENDER COUNTY UTILITIES WILL INSTALL WATER SERVICE LINE TO YARD HYDRANT.



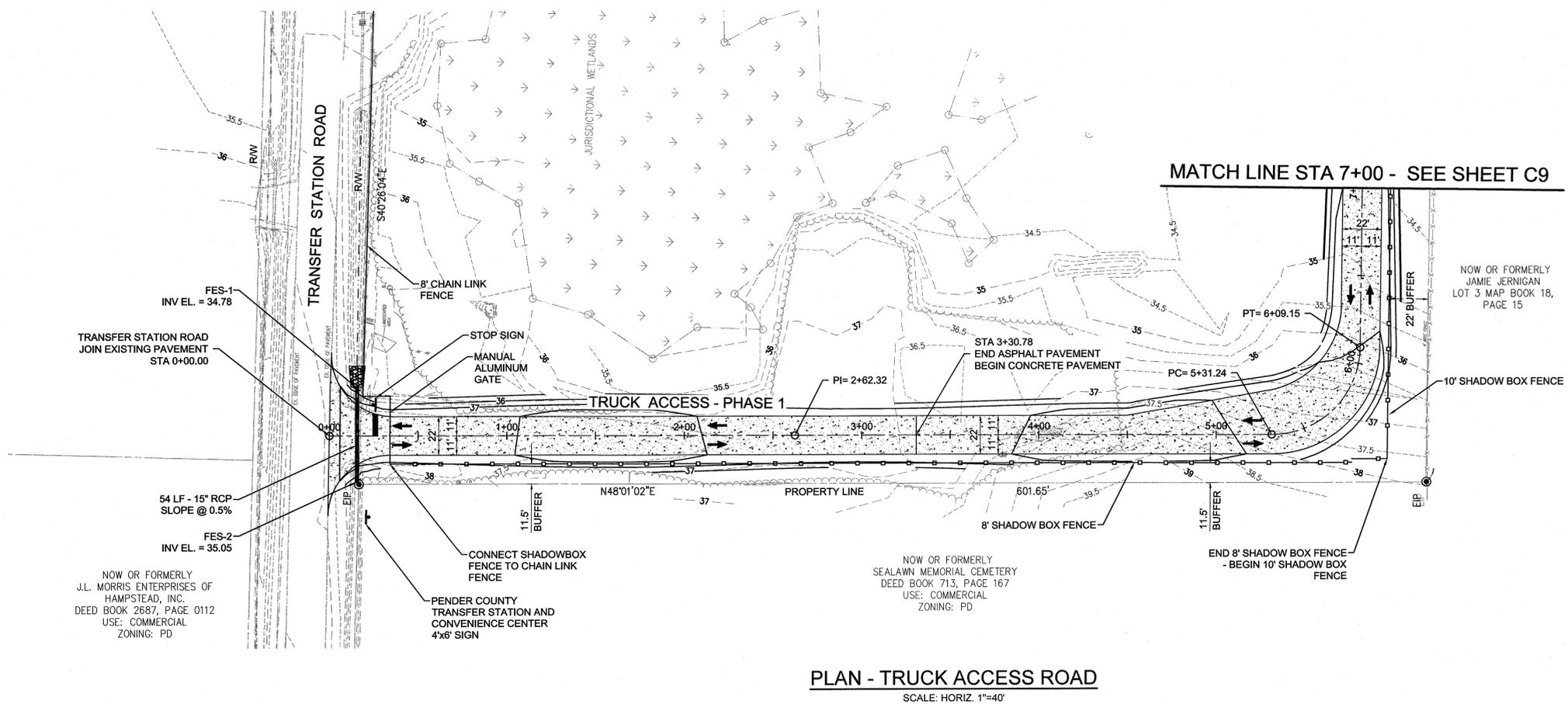
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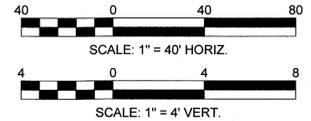
FILE PATH: M:\Projects\Pender County\2014022400\W.L. - Solid Waste Facility Improvements\CADD\PLAN SET\20140224-Road Profile PH1.dwg, NSDNGCO, 3/24/2015 12:32:48 PM



MATCH LINE STA 7+00 - SEE SHEET C9



PLAN - TRUCK ACCESS ROAD
SCALE: HORIZ. 1"=40'



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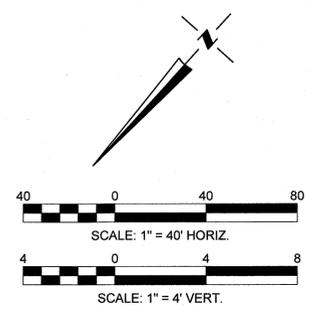
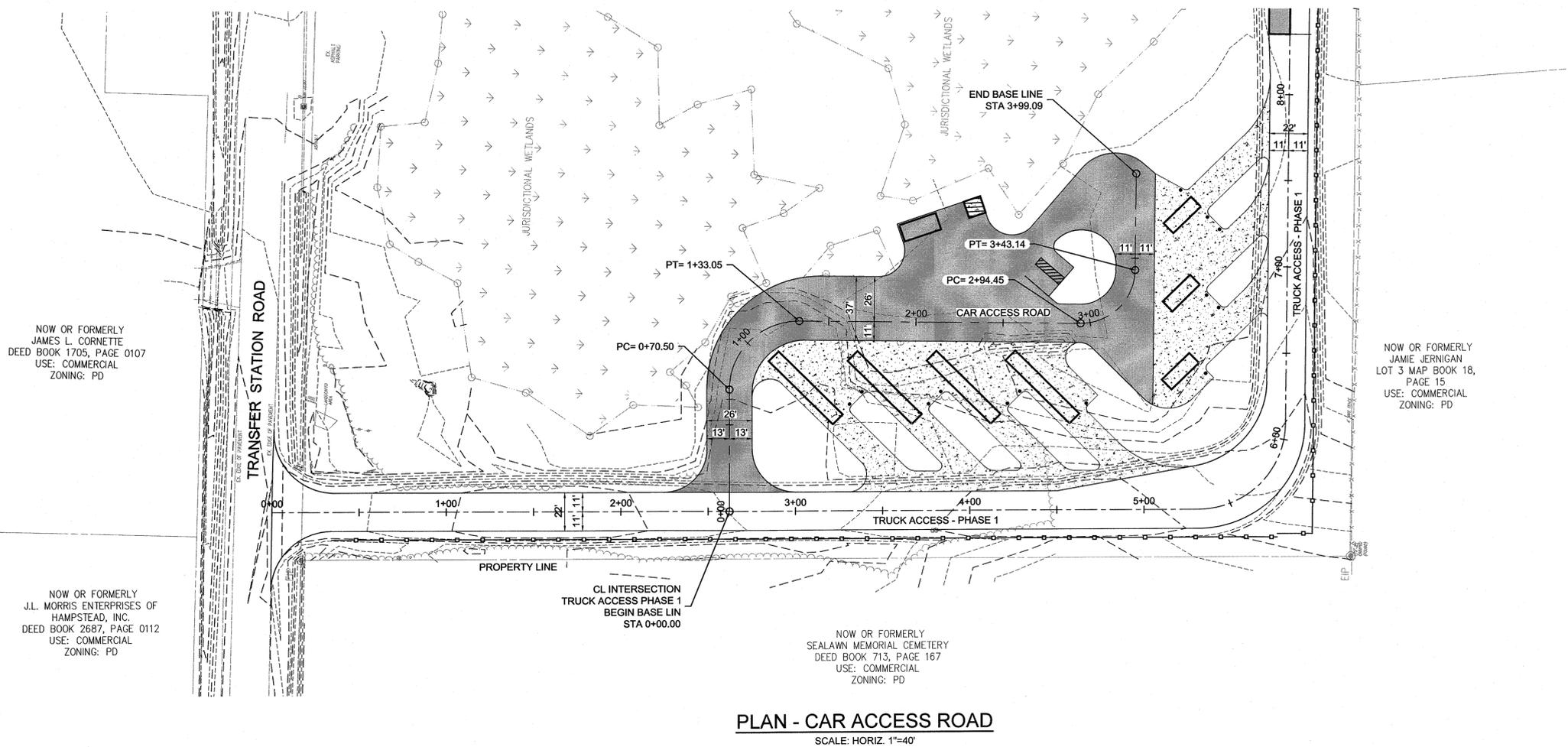
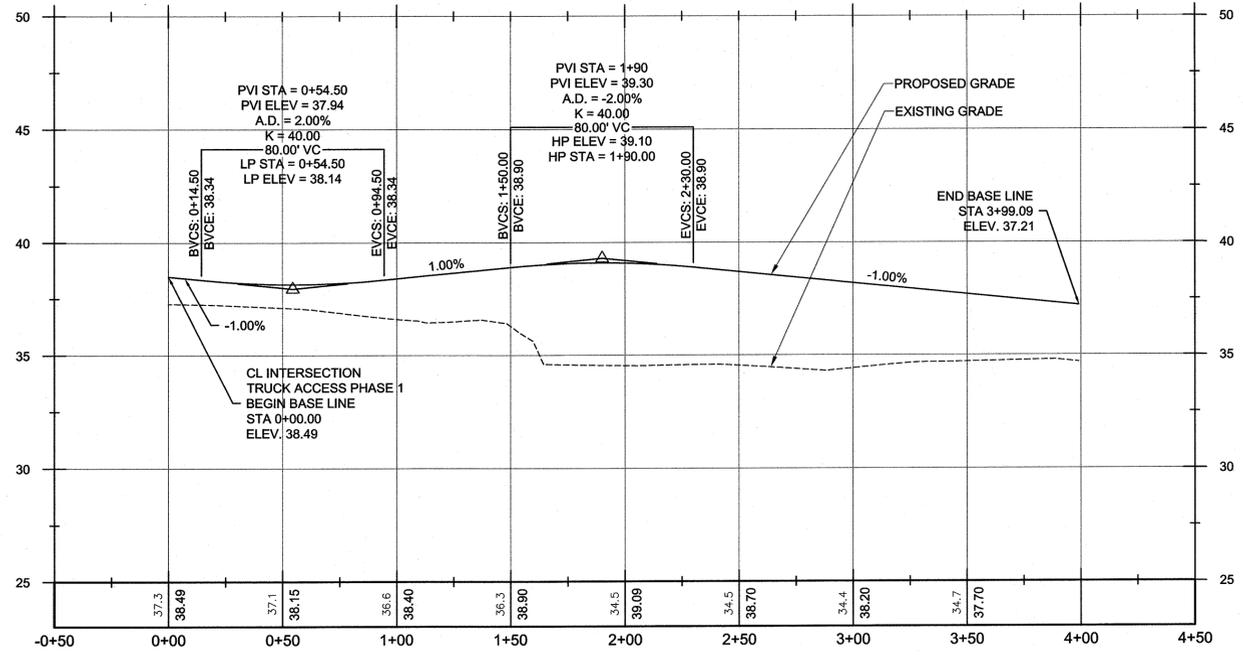
NO.	DATE	DESCRIPTION	BY

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PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
PENDER COUNTY, NORTH CAROLINA
DRAWING TITLE:
TRUCK ACCESS ROAD - PLAN & PROFILE

PROJ. MGR.: DLF
DESIGN BY: DLF
DRAWN BY: NS/HRW
PROJ. DATE: MARCH 2015
DRAWING NUMBER:
C8 OF X
WKD PROJ. NO.:
20140024.00.WL

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PENDER COUNTY, NORTH CAROLINA

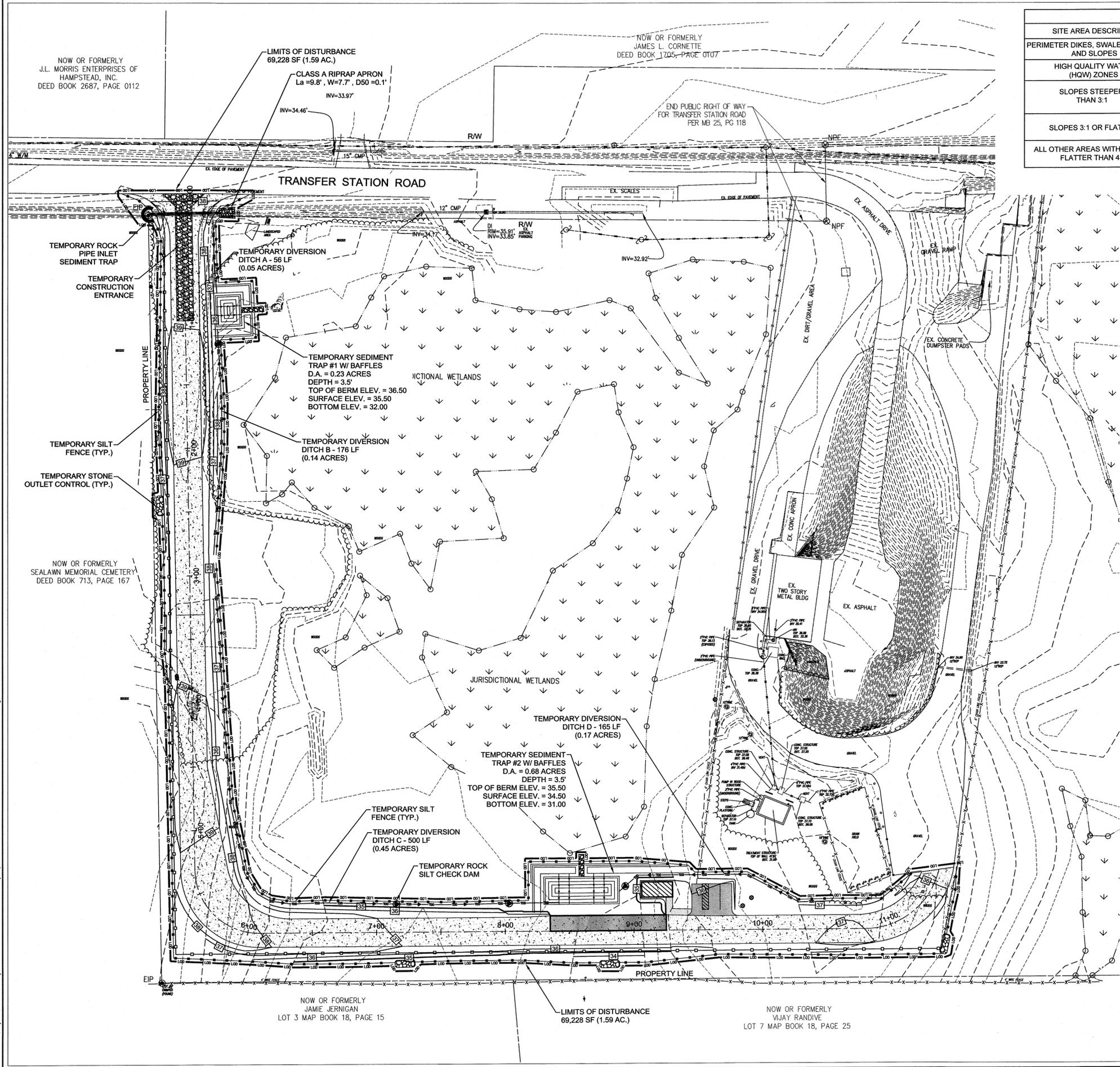
DRAWING TITLE:
CAR ACCESS ROAD - PLAN & PROFILE

PROJ. MGR.: DLF
DESIGN BY: DLF
DRAWN BY: NS/HRW
PROJ. DATE: MARCH 2015
DRAWING NUMBER:
C100F X
WKD PROJ. NO.:
20140024.00.WL

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

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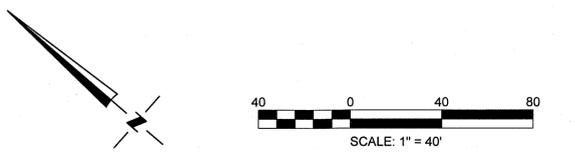
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GROUND COVER SCHEDULE		
SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HWQ) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HWQ ZONES)

- EROSION CONTROL NOTES:**
- PER THE GROUND COVER SCHEDULE SHOWN, OR AT THE COMPLETION OF ANY PHASE OF GRADING, WHICHEVER PERIOD IS SHORTER, DISTURBED AREAS SHALL BE PLANTED OR OTHERWISE PROVIDED WITH GROUND COVER, DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION. SEE SHEETS C16, C17 AND C18 FOR EROSION DETAILS AND MAINTENANCE REQUIREMENTS.
 - STABILIZE DISTURBED EARTH AREAS WITHIN 14 DAYS FROM COMPLETION OF GRADING ACTIVITIES EXCEPT FOR PERIMETER DIKES, SWALES, DITCHES, AND SLOPES WHICH MUST BE STABILIZED WITHIN 7 DAYS.
 - THERE ARE NO WETLAND IMPACTS ASSOCIATED WITH THIS PROJECT.
 - CONTACT PERSON RESPONSIBLE FOR MAINTENANCE:
BRYAN MCCABE, PE
PHONE NO.: 910-259-0212
EMAIL: BMCCABE@PENDERCOUNTYNC.GOV
 - SOILS TYPES AT PROJECT SITE INCLUDE THE FOLLOWING
KuB - KUREB FINE SAND
Lm - LEON FINE SAND
Mu - MURVILLE MUCK
On - ONSLOW LOAMY FINE SAND
 - LIMITS OF DISTURBANCE = 3.10 ACRES
PHASE 1 = 1.59 ACRES
PHASE 2 = 1.51 ACRES

- CONSTRUCTION SEQUENCE NOTES:**
- OBTAIN GRADING PERMIT AND ALL OTHER APPLICABLE PERMITS PRIOR TO ANY LAND DISTURBING ACTIVITY. CALL THE NCDENR LAND QUALITY SECTION AT 919-791-4200 PRIOR TO LAND DISTURBING ACTIVITIES.
 - SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER, ALL CONTRACTORS FOR LAND DISTURBANCE AND/OR EROSION CONTROL, AND NCDENR PERSONNEL TO DISCUSS THE PROJECT AND THE EROSION CONTROL PLAN.
 - FLAG THE CONSTRUCTION LIMITS AND MARK ANY TREES, WETLANDS OR EXISTING STRUCTURES NOTED TO REMAIN.
 - STABILIZE CONSTRUCTION ACCESSES, CONSTRUCTION ROUTES AND EQUIPMENT PARKING AREA WITH GRAVEL AND TEMPORARY VEGETATION.
 - EXCAVATED MATERIAL FOR SILT FENCE INSTALLATION TO BE PLACED ON THE UPLAND SIDE OF SILT FENCE.
 - INSTALL ALL EROSION CONTROL MEASURES AND DEVICES AS INDICATED ON PLANS. 7. CALL FOR ON-SITE INSPECTION BY INSPECTOR. WHEN APPROVED, GRADING MAY BEGIN PER GRADING AND EROSION CONTROL PLAN.
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 - NO ENCROACHMENT OR WORK IS TO BE DONE OUTSIDE THE LIMITS OF DISTURBANCE AS INDICATED ON PLAN.
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 - THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
 - ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, US DEPT. OF AGRICULTURE.
 - EROSION CONTROL DEVICES SHOULD BE CHECKED PERIODICALLY AND AFTER ANY MAJOR STORM EVENT. IF ANY FAILURES ARE FOUND THEY SHOULD BE REPAIRED AS SOON AS POSSIBLE.
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 - ALL WORK WITHIN WETLAND AREAS SHALL COMPLY WITH THE FOLLOWING:
 - TREES TO BE REMOVED IN THE WETLAND AREAS SHALL BE CUT OFF SIX (6) INCHES ABOVE THE EXISTING GRADE AND SHALL BE LIFTED, NOT DRAGGED, FROM THE WETLAND AREA TO PRESERVE THE ROOT MAT.
 - CONSTRUCTION EQUIPMENT SHALL WORK ON MATTING TO MINIMIZE DISTURBANCE TO THE ROOT MAT.
 - RESTORE TEMPORARY IMPACTS WITHIN WETLAND AREAS TO PRE-CONSTRUCTION CONTOURS AND STABILIZE WITH APPROPRIATE NATIVE WETLAND SPECIES.
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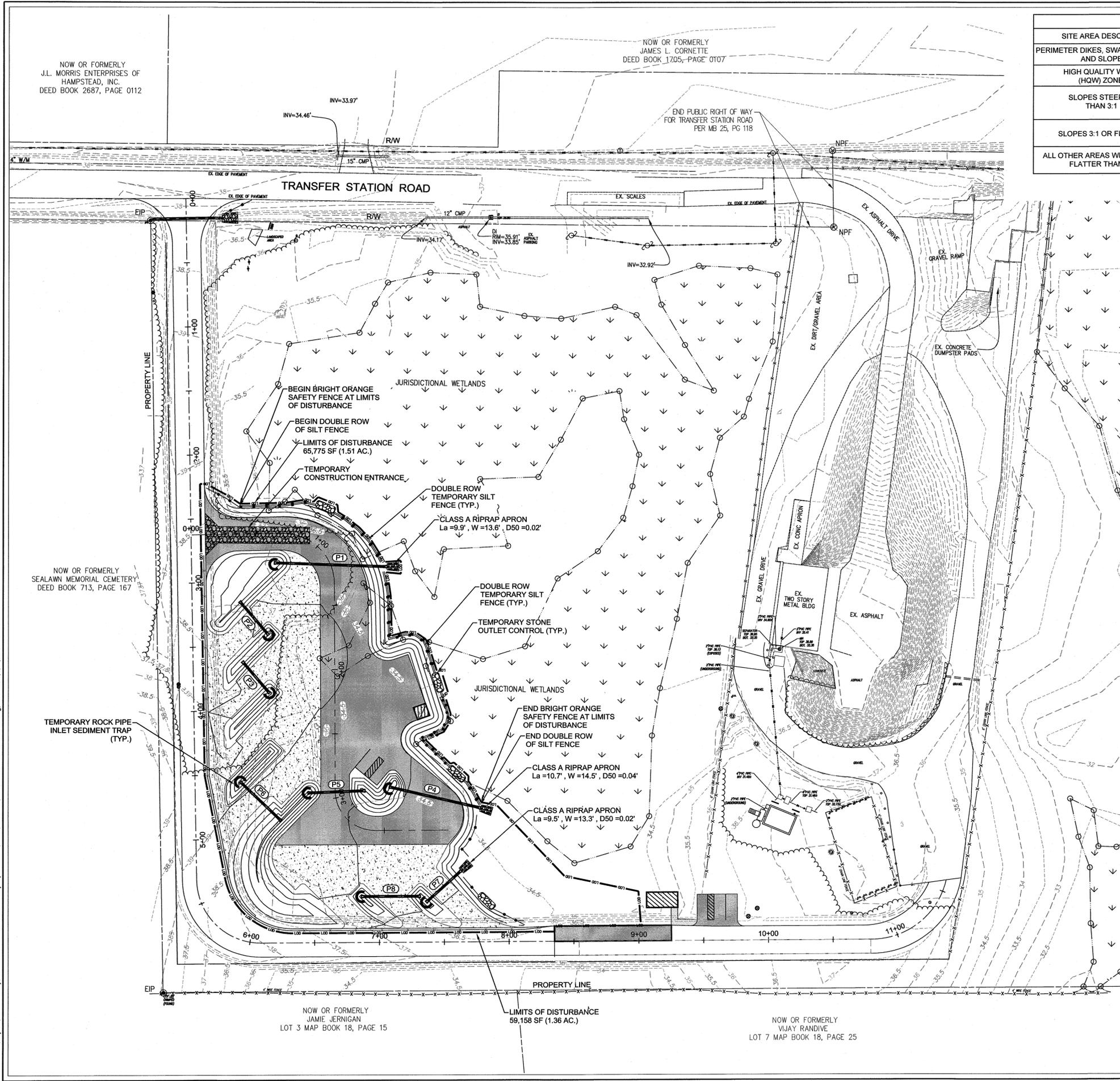
REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
 PENDER COUNTY, NORTH CAROLINA
 DRAWING TITLE:
EROSION CONTROL PLAN - PHASE 1

PROJ. MGR.: DLF
 DESIGN BY: DLF
 DRAWN BY: NS/HRW
 PROJ. DATE: MARCH 2015
 DRAWING NUMBER:
C14 OF X
 WKD PROJ. NO.:
 20140024.00.WL

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GROUND COVER SCHEDULE		
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PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
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BRYAN McCABE, PE
PHONE NO.: 910-259-0212
EMAIL: BMCCABE@PENDERCOUNTYNC.GOV
- SOILS TYPES AT PROJECT SITE INCLUDE THE FOLLOWING
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LNA - LEON FINE SAND
MU - MURVILLE MUCK
ON - ONSLOW LOAMY FINE SAND
- LIMITS OF DISTURBANCE = 3.10 ACRES
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PHASE 2 = 1.51 ACRES

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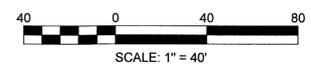
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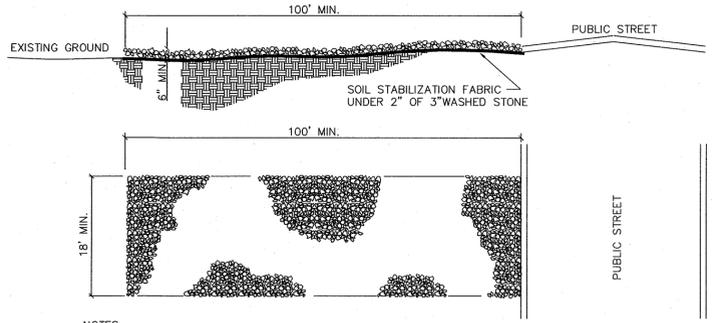
PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
 PENDER COUNTY, NORTH CAROLINA
 DRAWING TITLE:
EROSION CONTROL PLAN - PHASE 2

PROJ. MGR.: DLF
 DESIGN BY: DLF
 DRAWN BY: NS/HRW
 PROJ. DATE: MARCH 2015
 DRAWING NUMBER:
C150F X
 WKD PROJ. NO.:
 20140024.00.WL



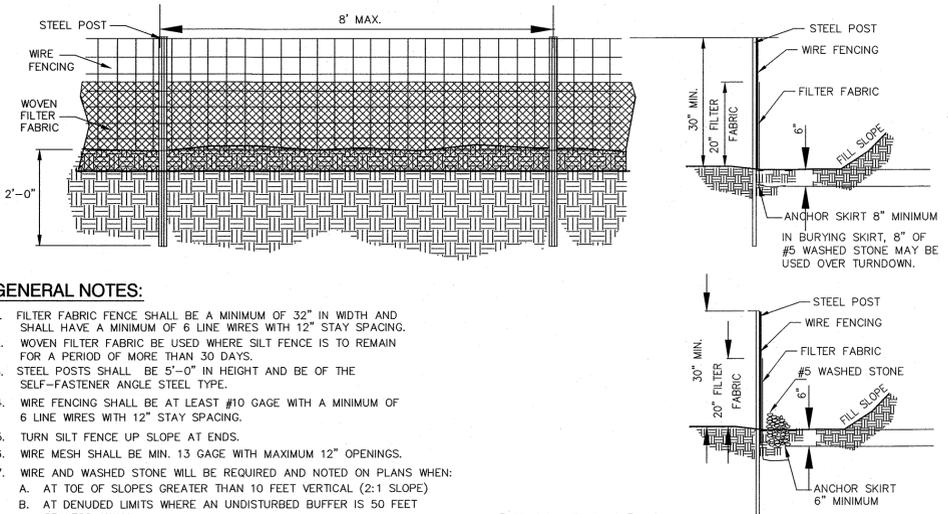
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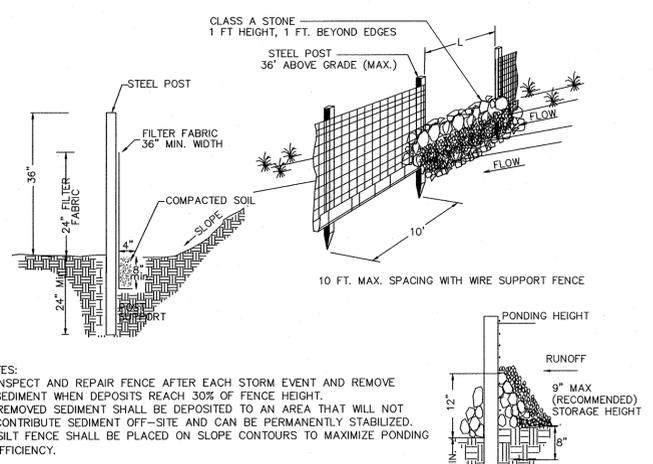
- NOTES:**
- A STABILIZED ENTRANCE PAD OF 2" OF 3" SIZE COURSE STONE OR RAIL ROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
 - FILTER FABRIC OR COMPACTED CRUSHER RUN STONE MAY BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
 - WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.
 - SOIL STABILIZATION FABRIC (AS SPECIFIED BY THE DESIGNER) SHALL BE USED.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



- GENERAL NOTES:**
- FILTER FABRIC FENCE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - WOVEN FILTER FABRIC BE USED WHERE SILT FENCE IS TO REMAIN FOR A PERIOD OF MORE THAN 30 DAYS.
 - STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
 - WIRE FENCING SHALL BE AT LEAST #10 GAGE WITH A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - TURN SILT FENCE UP SLOPE AT ENDS.
 - WIRE MESH SHALL BE MIN. 13 GAGE WITH MAXIMUM 12" OPENINGS.
 - WIRE AND WASHED STONE WILL BE REQUIRED AND NOTED ON PLANS WHEN:
 - AT TOE OF SLOPES GREATER THAN 10 FEET VERTICAL (2:1 SLOPE)
 - AT DENUDED LIMITS WHERE AN UNDISTURBED BUFFER IS 50 FEET OR LESS AWAY

SILT FENCE
NOT TO SCALE



- NOTES:**
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN DEPOSITS REACH 30% OF FENCE HEIGHT.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

DESIGN TYPE	WEIR LENGTH (L) MIN.	DRAINAGE AREA (APPROX.)
1	4.0 FT	1 ACRE
2	6.0 FT	2 ACRES
3	8.0 FT	3 ACRES
4	10.0 FT	4 ACRES
5	12.0 FT	5 ACRES

SILT FENCE - WIRE & STONE REINFORCED OUTLET
NOT TO SCALE

EROSION AND SEDIMENT CONTROL NOTES:

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES INCLUDING TEMPORARY GRASSING SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS. IF SITE INSPECTIONS IDENTIFY BMPs THAT ARE DAMAGED OR ARE NOT OPERATING EFFECTIVELY, MAINTENANCE MUST BE PERFORMED AS SOON AS PRACTICAL OR AS REASONABLY POSSIBLE AND BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- INLET PROTECTION IS TO BE PROVIDED AT ALL EXISTING INLETS THAT RECEIVE FLOW FROM THE DISTURBED AREAS.
- CONTRACTOR SHALL PROVIDE ONE STABILIZED CONSTRUCTION ENTRANCE AT ALL TIMES DURING CONSTRUCTION. LOCATION SHALL BE FIELD LOCATED AND COORDINATED WITH THE OWNER.
- PERMANENT STABILIZATION TO BE ACHIEVED WITH CENTIPEDE SOD.

MAINTENANCE REQUIREMENTS

- RESEED AND MULCH SEEDS AREAS WHERE SEEDLING EMERGENCE IS POOR, OR WHERE EROSION OCCURS, AS SOON AS POSSIBLE. DO NOT MOW. PROTECT FROM TRAFFIC AS MUCH AS POSSIBLE.
- MOW SEEDS AREAS NO MORE THAN ONCE A YEAR. REFERTILIZE IN THE SECOND YEAR UNLESS GROWTH IS FULLY ADEQUATE. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY.
- RIPRAP SHOULD BE INSPECTED PERIODICALLY FOR SCOUR OR DISLODGED STONES. CONTROL OF WEED AND BRUSH GROWTH MAY BE NEEDED IN SOME LOCATIONS.
- INSPECT PERMANENT DIVERSIONS AFTER EVERY RAINFALL DURING THE CONSTRUCTION OPERATION. IMMEDIATELY REMOVE ANY OBSTRUCTIONS FROM THE FLOW AREA, AND REPAIR THE DIVERSION RIDGE. CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. MAINTAIN THE VEGETATION IN A VIGOROUS, HEALTHY CONDITION AT ALL TIMES.
- INSPECT CHANNELS AT REGULAR INTERVALS AS WELL AS AFTER MAJOR RAINS AND MAKE REPAIRS PROMPTLY. GIVE SPECIAL ATTENTION TO THE OUTLET AND INLET SECTIONS OTHER POINTS WHERE CONCENTRATED FLOW ENTERS. SCOUR HOLES OR BANK FAILURES. MAKE REPAIRS IMMEDIATELY. MAINTAIN ALL VEGETATION ADJACENT TO THE CHANNEL IN A HEALTHY, VIGOROUS CONDITION TO PROTECT THE AREA FROM EROSION AND SCOUR DURING OUT-OF-BANK FLOW.
- INSPECT TEMPORARY SEDIMENT TRAPS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT, AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA, AND REPLACE THE PART OF THE GRAVEL FACING THAT IS IMPAIRED BY SEDIMENT.

CHECK STRUCTURES FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAYS TO ENSURE THEY ARE MINIMUM OF 1.5 FEET BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIPRAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURES AND ALL UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS, AND STABILIZE PROPERLY.

- INSPECT SILT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SILT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

- ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF NO. 4 STONE TO MAINTAIN PROPER DEPTH. ANY SEDIMENT THAT IS TRACKED INTO THE STREET WILL BE IMMEDIATELY REMOVED.

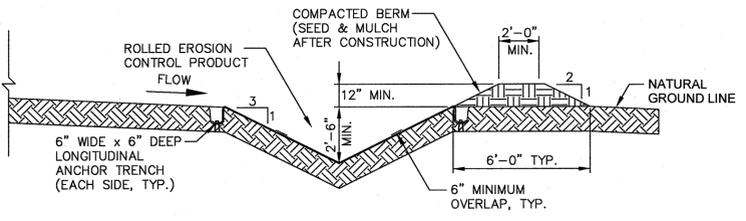
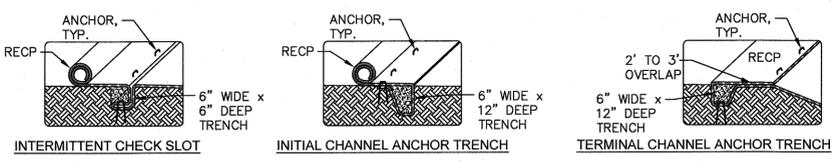
- INSPECT CHECK DAMS AND CHANNELS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. CLEAN OUT SEDIMENT, STRAW, LIMBS, OR OTHER DEBRIS THAT COULD CLOG THE CHANNEL WHEN NEEDED.

ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY. IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, ADDITIONAL MEASURES CAN BE TAKEN SUCH AS, INSTALLING A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL.

REMOVE SEDIMENT ACCUMULATED BEHIND THE DAMS AS NEEDED TO PREVENT DAMAGE TO CHANNEL VEGETATION, ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM, AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. ADD STONES TO DAMS AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.

TEMPORARY DIVERSION DITCH LINING

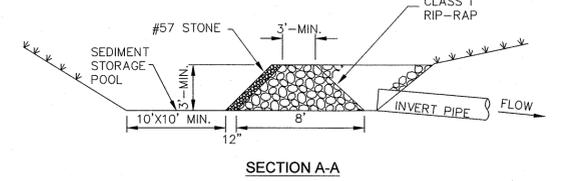
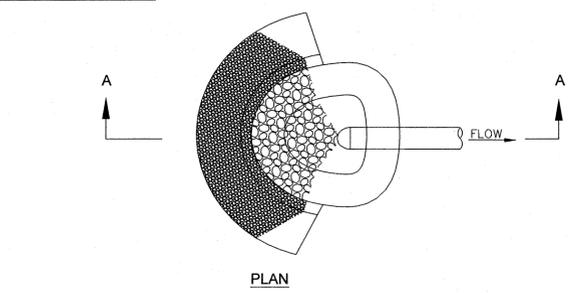
DITCH	DEPTH (FT)	TEMPORARY LINER
A	2.5	SYNTHETIC MAT
B	2.5	SYNTHETIC MAT
C	2.5	SYNTHETIC MAT
D	2.5	SYNTHETIC MAT
E	2.5	SYNTHETIC MAT



Ditch No	Temporary or Permanent Channel Lining
ALL	SYNTHETIC MAT (MAX. PERMISSIBLE SHEAR STRESS - 2.00 PSF)

- OVERCUT CHANNEL 2 INCHES TO ALLOW BULKING DURING SEEDBED PREPARATION.
- ANCHOR DOWNSTREAM END OF ROLLED EROSION CONTROL PRODUCT (RECP) IN INITIAL ANCHOR TRENCH, AS SHOWN, AT 1-FOOT INTERVALS.
- UNROLL RECP UPSTREAM. AT 25-FOOT INTERVALS ALONG THE CHANNEL, ANCHOR THE RECP ACROSS THE CHANNEL EITHER IN INTERMITTENT CHECK SLOTS, AS SHOWN, OR INSTALLING 2 CLOSELY SPACED ROWS OF ANCHORS.
- ROLL ENDS MAY BE SPLICED BY OVERLAPPING 1 FOOT (IN THE DIRECTION OF WATER FLOW), WITH THE UPSTREAM/UPSLOPE RECP PLACED ON TOP OF THE DOWNSTREAM/DOWNSLOPE RECP. ANCHOR SPLICE EVERY 1 FOOT ACROSS CHANNEL WIDTH.
- ANCHOR UPSTREAM END OF RECP IN TERMINAL ANCHOR TRENCH, AS SHOWN, AT 1-FOOT INTERVALS.
- IF CHANNEL IS WIDER THAN RECP WIDTH, OVERLAP ADJACENT ROLLS A MINIMUM 6 INCHES, AS SHOWN, AND ANCHOR EVERY 3 FEET.
- ANCHOR OUTER EDGE OF RECP IN LONGITUDINAL ANCHOR TRENCH ON EACH SIDE OF CHANNEL, AS SHOWN, AT 1-FOOT INTERVALS.
- BACKFILL AND COMPACT ALL ANCHOR TRENCHES AFTER RECP IS INSTALLED IN TRENCH.
- ANCHORS SHALL BE MINIMUM 11-GAUGE, 6-INCH LONG, 1-INCH WIDE. ANCHOR RECP AT 3 TO 5-FOOT INTERVALS OR AS RECOMMENDED BY MANUFACTURER.

TEMPORARY LINED DIVERSION DITCH
NOT TO SCALE



ROCK PILE INLET PROTECTION
NOT TO SCALE

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NO.	DATE	DESCRIPTION	BY

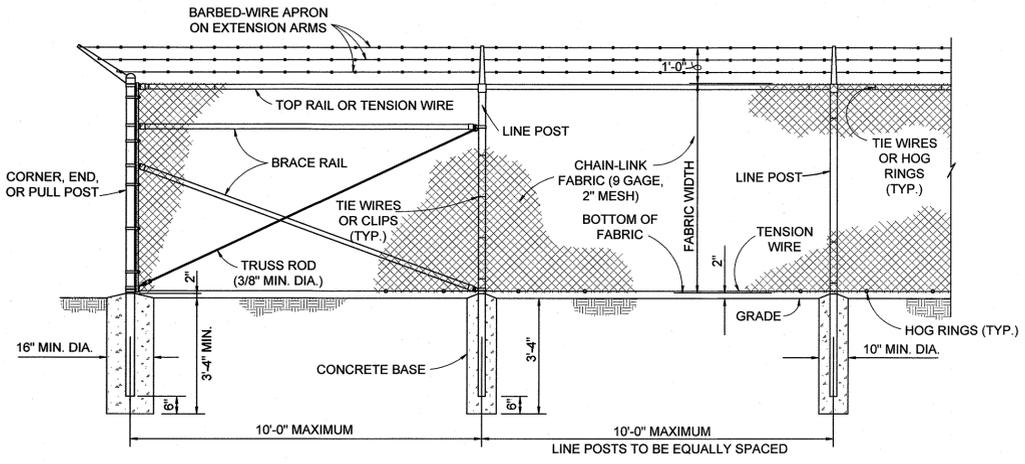
PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
 PENDER COUNTY, NORTH CAROLINA
 DRAWING TITLE:
EROSION CONTROL DETAILS - SHT 1

PROJ. MGR.: DLF
 DESIGN BY: DLF
 DRAWN BY: NS/HRW
 PROJ. DATE: MARCH 2015
 DRAWING NUMBER:
C160F X
 WKD PROJ. NO.:
 20140024.00.WL

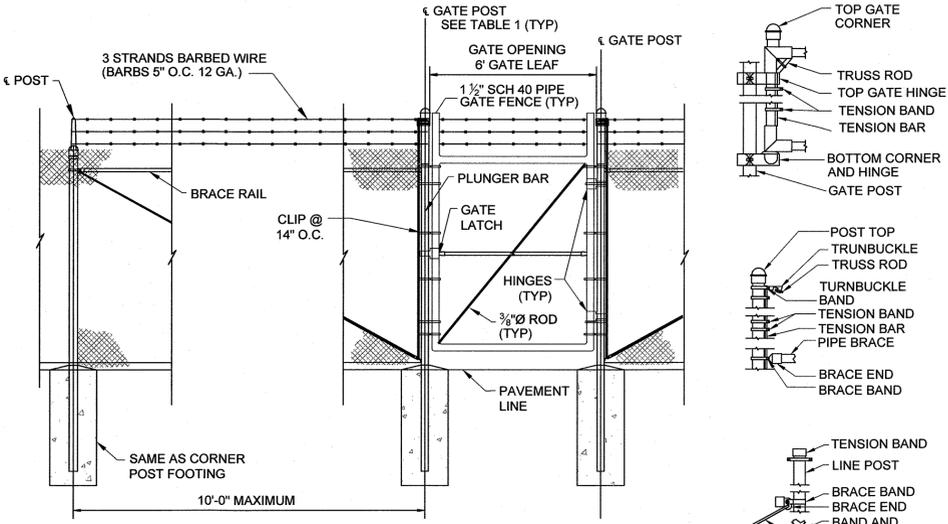
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

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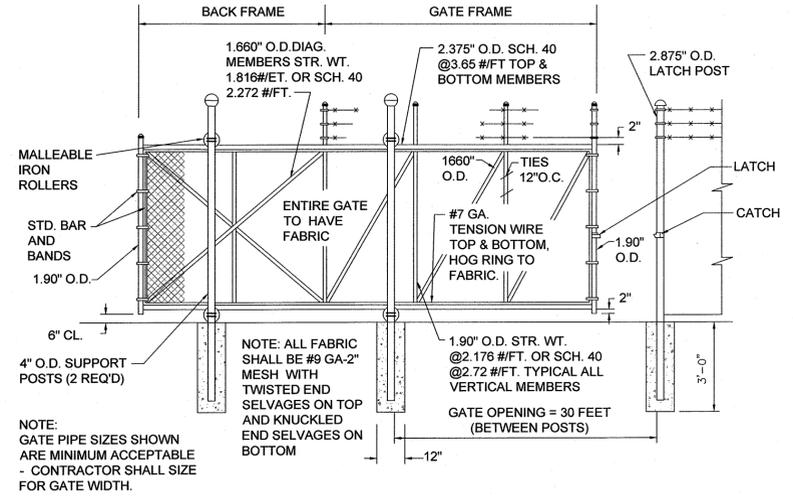
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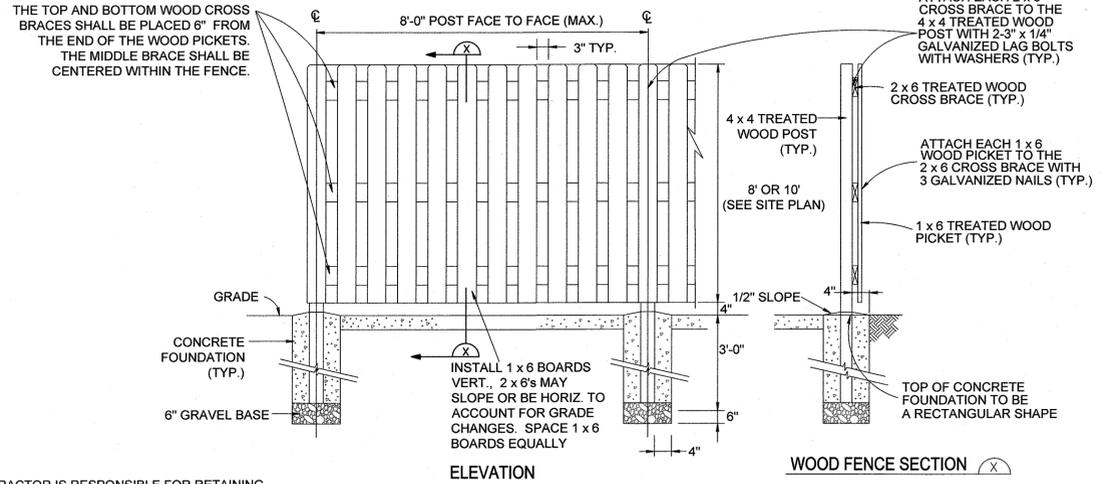
CHAIN-LINK SECURITY FENCE DETAIL
NOT TO SCALE



TYPICAL LINE AND PEDESTRIAN GATE DETAIL
NOT TO SCALE



TYPICAL GATE FRAME
NOT TO SCALE

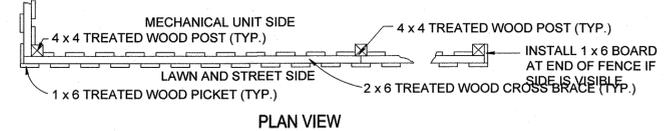


ELEVATION

WOOD FENCE SECTION

NOTE:

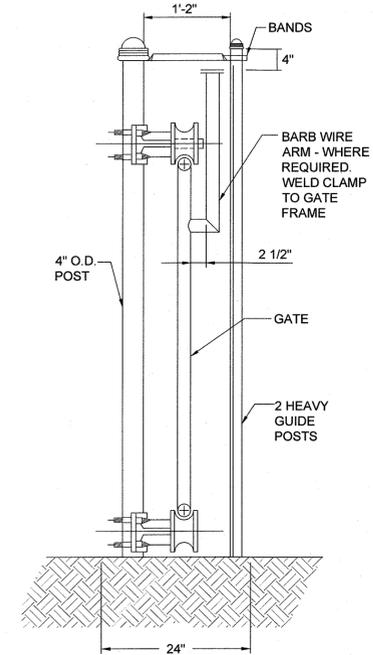
- CONTRACTOR IS RESPONSIBLE FOR RETAINING A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NORTH CAROLINA TO DESIGN THE SHADOW BOX FENCE AND INSPECT THE CONSTRUCTION OF THE FENCE. FENCE PLANS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER.



SHADOW BOX FENCE DETAIL
N.T.S.

NOTES:

- GATE CONTRACTOR SHALL PROVIDE OPERATOR PAD PER MANUFACTURERS DIRECTION.
- GATE OPERATORS, CONTROLS, TIMERS, LOOP DETECTORS, AND OTHER ITEMS REQUIRED TO OPERATE GATES ARE TO BE PROVIDED BY CONTRACTOR IN ACCORDANCE WITH SPECIFICATION.
- KEY PADS AND GOOSENECK STANDS ARE TO BE PROVIDED BY CONTRACTOR.



SLIDING GATE POST DETAIL
NOT TO SCALE

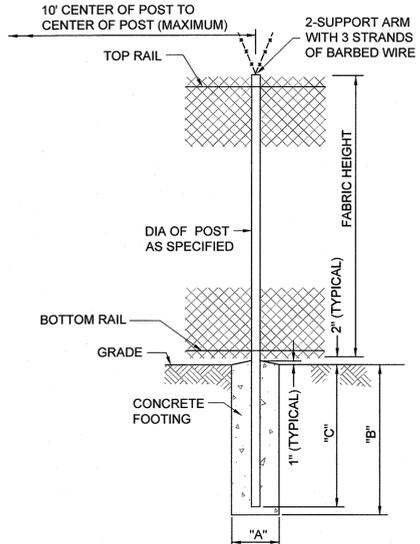


TABLE 1 GATE POST

GATE LEAF WIDTH	GATE POST (OD)	FABRIC HEIGHT	"A" DIA	"B" DEPTH	"C" POST EMBEDMENT
6"	2.875"	8'-0"	16"	42"	36"

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 NC LICENSE NO. F-0374

NORTH CAROLINA
 PROFESSIONAL SEAL
 DENISE L. FREUND
 ENGINEER
 PROFESSIONAL SEAL

NO.	DATE	DESCRIPTION	BY

PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
 PENDER COUNTY, NORTH CAROLINA
 DRAWING TITLE:
MISCELLANEOUS DETAILS

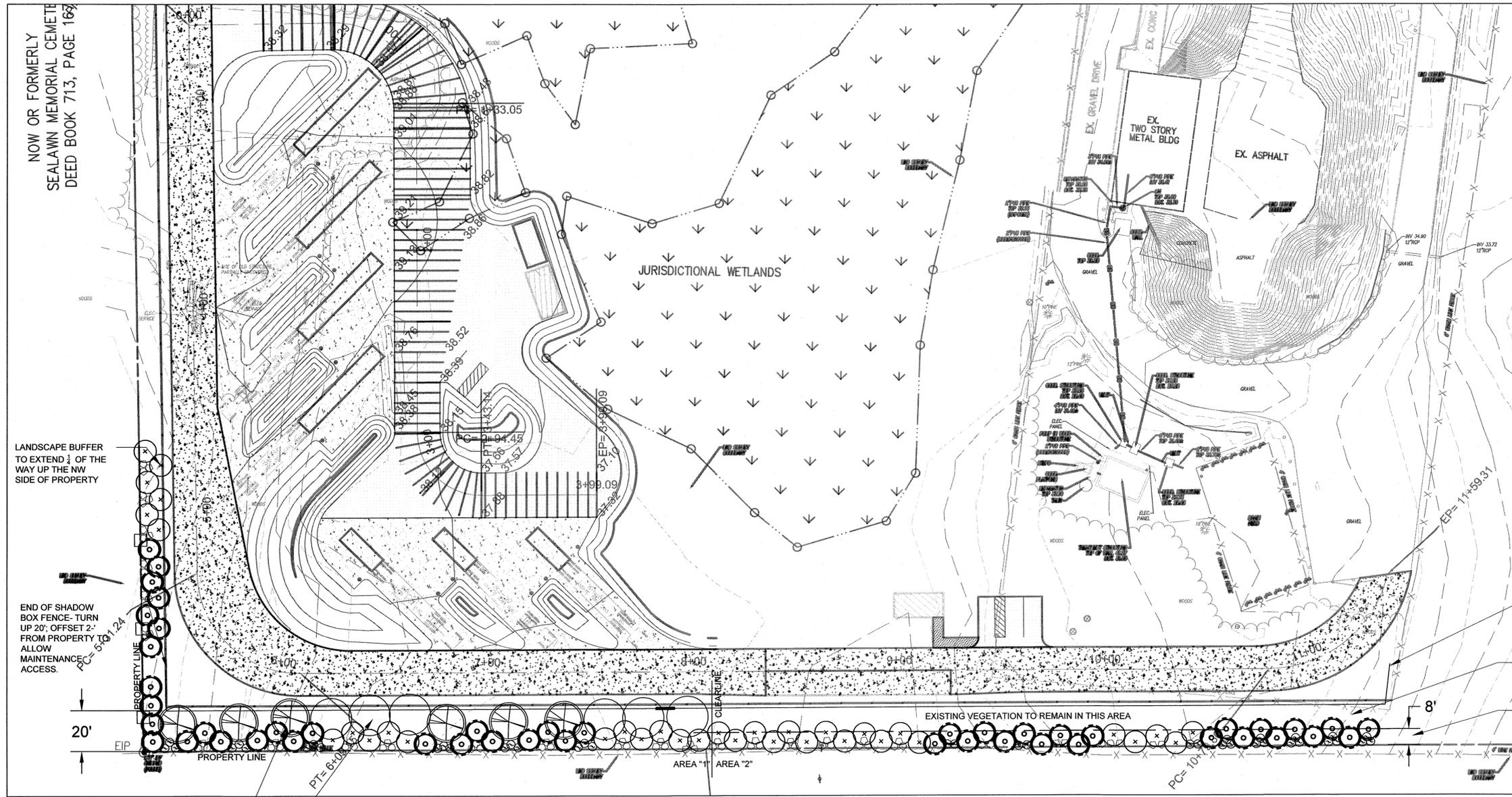
PROJ. MGR.: DLF
 DESIGN BY: DLF
 DRAWN BY: NS/HRW
 PROJ. DATE: MARCH 2015
 DRAWING NUMBER:
C210F X
 WKD PROJ. NO.:
 20140024.00.WL

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

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SCRUB SHRUB AND UNDERSTORY VEGETATION TO BE CLEARED IN AREA "1" TO ALLOW INSTALLATION OF EVERGREEN PLANT MATERIAL TO CREATE AN OPAQUE BUFFER PER NOTES. ALL TREES TO REMAIN IN AREA "1".

CONTRACTOR SHALL WORK WITH COUNTY REPRESENTATIVE AND/OR CONSULTANT TO FIELD ADJUST PLANT MATERIAL WHERE TREES REMAIN. AT NO TIME SHOULD FIELD ADJUSTMENT RESULT IN REDUCTION OF OPAQUE BUFFER REQUIREMENTS.

NOTES:

- Pender Solid Waste shall install a shadow box fence ten (10) feet in height along the northwest and southwest sides of the project area in order to minimize the visual impact for adjacent property owners. This height shall be increased as necessary to provide a visual barrier to the Hampstead Convenience Center prior to final zoning approval. Additionally, Pender Solid Waste shall provide a vegetated buffer twenty (20) feet in width along the southwest side of the project area and a quarter of the way up the northwest side of the project area. The buffer shall consist of broadleaf evergreen vegetation that is six (6) feet in height at planting and ten (10) feet in height within four (4) years of planting. The vegetated buffer shall be visually-opaque at maturity. The buffer shall contain no vegetation that is toxic to horses or any other livestock (As recommended at the January 6, 2015 Planning Board meeting);
- Planting Area shall have drip irrigation for warranty period or 1 year, which ever is greater. Contractor to coordinate water source and connection with the County.
- There is existing vegetation within the future 20' buffer area. All understory and scrub shrub shall be cleared in Area "1" west of clearing line within the 20' buffer. Area "2" east of the clearing line shall be cleared 8' from property for installation of evergreen plant material to create an opaque buffer. All vegetation from the 8' line in Area "2" to the shadow box shall remain.

PLANTING LEGEND

TREES

- Central Live Oak
Quercus virginiana 'Cuthbert'
2 1/2" caliper min.
QTY: - 6
- Loblolly Cypress
Cupressus n. virginiana
6' hgt minimum
QTY: - 6

LARGE SHRUB

- Burford Holly
Ilex cornuta 'burfordii'
Must be 6" minimum hgt. at time of installation
QTY: - 34
- Holly Shrub
Ilex x. holly
Must be 6" minimum hgt. at time of install
QTY: - 46

MEDIUM SHRUB

- Hydrangea
Ilex glabra
2" dia. x 3' spd.
QTY: - 72
- Concho Holly
Ilex cornuta 'concho'
2" dia. x 3' spd.
QTY: - 99

END OF SHADOW BOX FENCE- TURN UP 20'; OFFSET 2' FROM PROPERTY TO ALLOW MAINTENANCE ACCESS.

VEGETATION FROM 8' LINE TO SHADOW BOX FENCE TO REMAIN

CLEAR VEGETATION FROM PROPERTY LINE 8' BACK WITHIN THE BUFFER AREA "2"

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NORTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT

1785

SARA BURROUGHS, R.L.A.

PROFESSIONAL SEAL

NO.	DATE	DESCRIPTION

PRELIMINARY DRAWINGS - DO NOT USE FOR CONSTRUCTION

PROJECT NAME:
PENDER COUNTY SOLID WASTE CONVENIENCE CENTER AND TRUCK SCALE RELOCATION
PENDER COUNTY, NORTH CAROLINA

DRAWING TITLE:
LANDSCAPE PLAN

PROJ. MGR.: DLF
DESIGN BY: DLF
DRAWN BY: NS/HRW
PROJ. DATE: OCT. 2014
DRAWING NUMBER:
1 OF 2
WKD PROJ. NO.:
20140024.00.WL

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