



# SURVEY NOTES

1. THE MAP IS BASED ON A FIELD SURVEY COMPLETED BY DDC ENGINEERS IN JULY 2019.
2. ELEVATIONS ARE REFERENCED TO THE NAVD 88 VERTICAL DATUM.



HORRY COUNTY SCHOOLS  
OFFICE OF FACILITIES  
1160 E. HIGHWAY 501  
CONWAY, SC 29526

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**CAROLINA FOREST HIGH SCHOOL**  
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submital / Revision	Appr.	By	Date

**EXISTING CONDITIONS**

Designed By:	Drawn By:	Checked By:
JRP	JM	JRP

Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No.: **C-001**



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No.	Submital / Revision	Appr'd.	By	Date

DEMOLITION PLAN

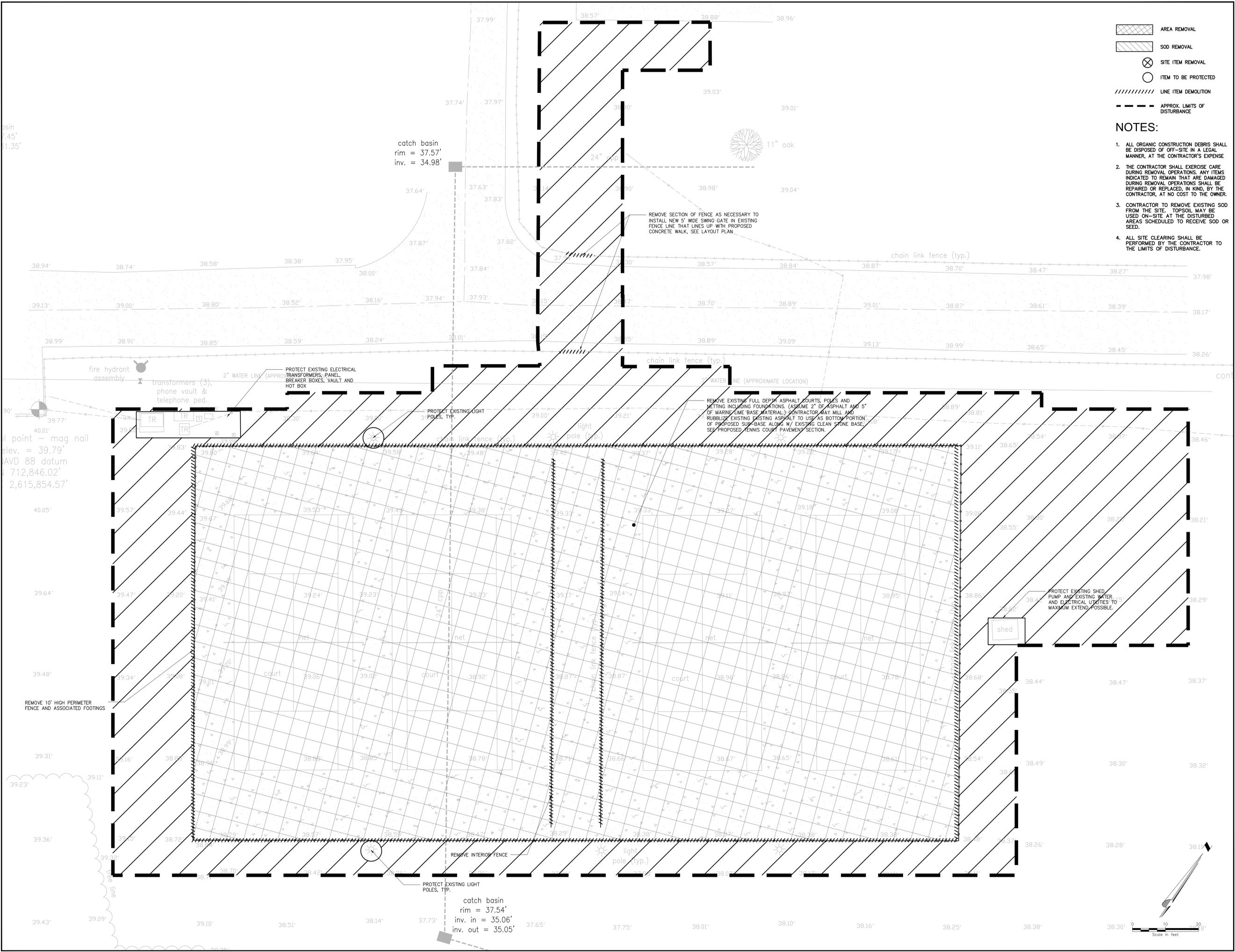
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JRP	JM	JRP
Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No. **C-002**

-  AREA REMOVAL
-  SOD REMOVAL
-  SITE ITEM REMOVAL
-  ITEM TO BE PROTECTED
-  LINE ITEM DEMOLITION
-  APPROX. LIMITS OF DISTURBANCE

NOTES:

1. ALL ORGANIC CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER, AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS. ANY ITEMS INDICATED TO REMAIN THAT ARE DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPAIRED OR REPLACED, IN KIND, BY THE CONTRACTOR, AT NO COST TO THE OWNER.
3. CONTRACTOR TO REMOVE EXISTING SOD FROM THE SITE. TOPSOIL MAY BE USED ON-SITE AT THE DISTURBED AREAS SCHEDULED TO RECEIVE SOD OR SEED.
4. ALL SITE CLEARING SHALL BE PERFORMED BY THE CONTRACTOR TO THE LIMITS OF DISTURBANCE.



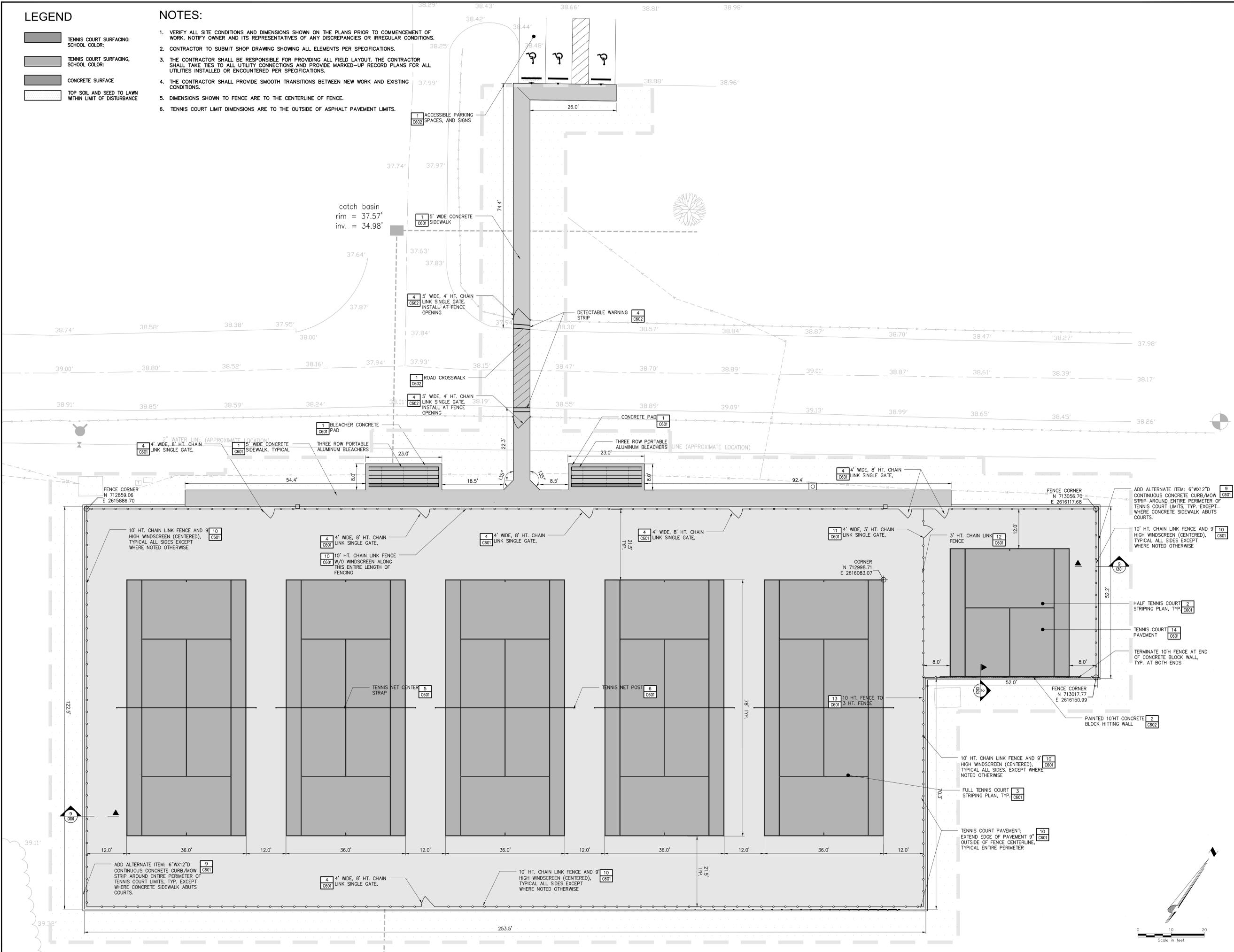
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 Design: jrp  
 Date: 2/21/2020 2:55:12 PM

**LEGEND**

-  TENNIS COURT SURFACING, SCHOOL COLOR.
-  CONCRETE SURFACE
-  TOP SOIL AND SEED TO LAWN WITHIN LIMIT OF DISTURBANCE

**NOTES:**

1. VERIFY ALL SITE CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF WORK. NOTIFY OWNER AND ITS REPRESENTATIVES OF ANY DISCREPANCIES OR IRREGULAR CONDITIONS.
2. CONTRACTOR TO SUBMIT SHOP DRAWING SHOWING ALL ELEMENTS PER SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP RECORD PLANS FOR ALL UTILITIES INSTALLED OR ENCOUNTERED PER SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS BETWEEN NEW WORK AND EXISTING CONDITIONS.
5. DIMENSIONS SHOWN TO FENCE ARE TO THE CENTERLINE OF FENCE.
6. TENNIS COURT LIMIT DIMENSIONS ARE TO THE OUTSIDE OF ASPHALT PAVEMENT LIMITS.



**HORRY COUNTY SCHOOLS**  
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**CAROLINA FOREST HIGH SCHOOL**  
 TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submital / Revision	Appr.	By	Date

**LAYOUT PLAN**

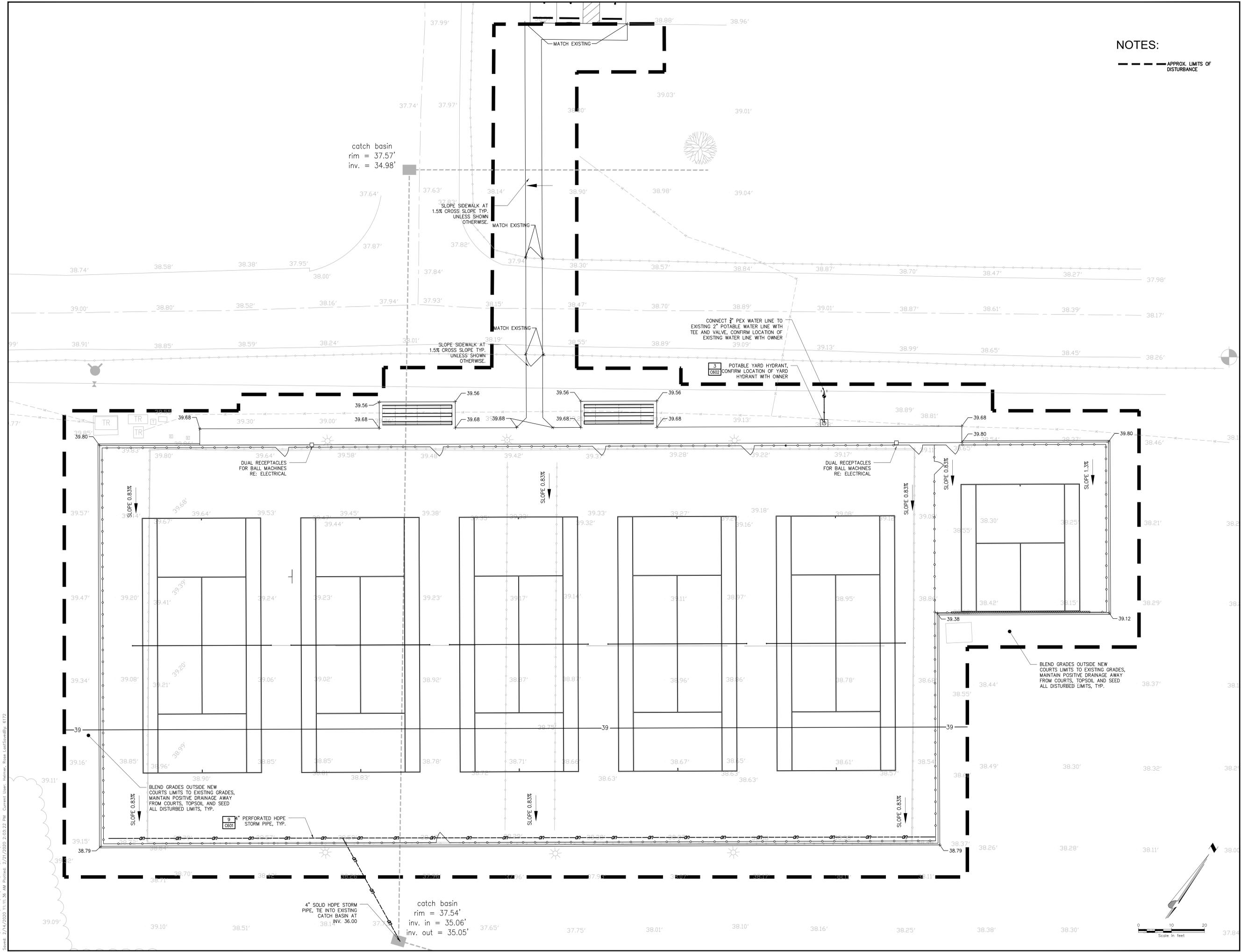
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 Drawn By: JIM  
 Checked By: JRP  
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 Project No: 36108  
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**C-100**

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NOTES:

--- APPROX. LIMITS OF DISTURBANCE



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CAROLINA FOREST HIGH SCHOOL  
 TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

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GRADING & DRAINAGE PLAN

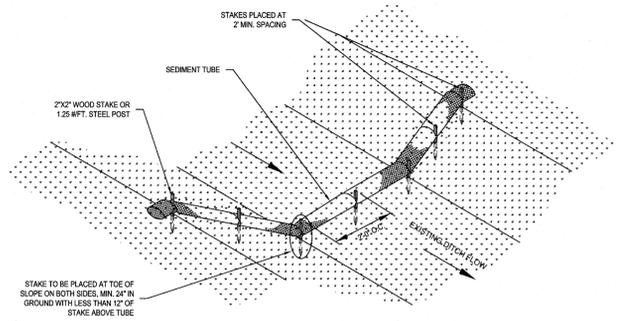
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Drawing No.  
**C-200**

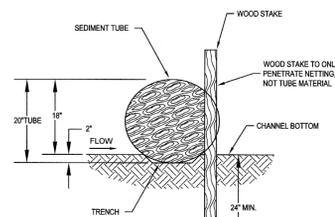
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SEDIMENT TUBE CHECK DAM DETAIL (NO BLANKET)



STAKE DETAIL (WITH TRENCH)

**SEDIMENT TUBES - GENERAL NOTES**

- SEDIMENT TUBES MAY BE INSTALLED ALONG CONTOURS, IN DRAINAGE CONVEYANCE CHANNELS, AND AROUND INLETS TO HELP PREVENT OFF SITE DISCHARGE OF SEDIMENT LADEN STORM WATER RUNOFF.
- SEDIMENT TUBES ARE ELONGATED TUBES OF COMPACTED GEOTEXTILES, CURLED EXCELSIOR WOOD, NATURAL COCONUT FIBER, OR HARDWOOD MULCH. STRAW, PINE NEEDLES AND LEAF MULCH FILLED SEDIMENT TUBES ARE NOT PERMITTED.
- THE OUTER NETTING OF THE SEDIMENT TUBE SHOULD CONSIST OF SEAMLESS, HIGH DENSITY POLYETHYLENE PHOTODEGRADABLE MATERIALS TREATED WITH ULTRAVIOLET STABILIZERS OR A SEAMLESS, HIGH DENSITY POLYETHYLENE NON DEGRADABLE MATERIAL.
- SEDIMENT TUBES, WHEN USED AS CHECKS WITHIN CHANNELS, SHOULD RANGE BETWEEN 18 INCHES AND 24 INCHES DEPENDING ON CHANNEL DIMENSIONS. DIAMETERS OUTSIDE THIS RANGE MAY BE ALLOWED WHERE NECESSARY WHEN APPROVED.
- CURLED EXCELSIOR WOOD, OR NATURAL COCONUT PRODUCTS THAT ARE ROLLED UP TO CREATE A SEDIMENT TUBE ARE NOT ALLOWED.
- SEDIMENT TUBES SHOULD BE STAKED USING WOODEN STAKES (2" X 2" OR STEEL POSTS (STANDARD "I" OR "T" SECTIONS WITH A MINIMUM HEIGHT OF 1.25 POUNDS PER FOOT) AT A MINIMUM OF 48 INCHES IN LENGTH PLACED ON 2 FOOT CENTERS.
- INSTALL ALL SEDIMENT TUBES TO ENSURE THAT NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE TUBE. MANUFACTURER'S RECOMMENDATIONS SHOULD ALWAYS BE CONSULTED BEFORE INSTALLATION.
- THE ENDS OF ADJACENT SEDIMENT TUBES SHOULD BE OVERLAPPED 6 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT.
- SEDIMENT TUBES SHOULD NOT BE STACKED ON TOP OF ONE ANOTHER, UNLESS RECOMMENDED BY MANUFACTURER.
- EACH SEDIMENT TUBE SHOULD BE INSTALLED IN A TRENCH WITH A DEPTH EQUAL TO 1/5 THE DIAMETER OF THE SEDIMENT TUBE.
- SEDIMENT TUBES SHOULD CONTINUE UP THE SIDE SLOPES A MINIMUM OF 1 FOOT ABOVE THE DESIGN FLOW DEPTH OF THE CHANNEL.
- INSTALL STAKES AT A DIAGONAL FACING INCOMING RUNOFF.

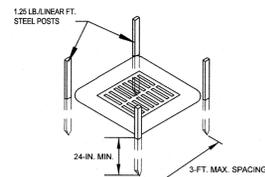
**SEDIMENT TUBES - INSPECTION & MAINTENANCE**

- THE KEY TO FUNCTIONAL SEDIMENT TUBES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.
- REGULAR INSPECTIONS OF SEDIMENT TUBES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATIONS IN FRONT OF THE SEDIMENT TUBE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SEDIMENT TUBE.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- LARGE DEBRIS, TRASH AND LEAVES SHOULD BE REMOVED FROM IN FRONT OF TUBES WHEN FOUND.
- IF EROSION CAUSES THE EDGES TO FALL TO A HEIGHT EQUAL TO OR BELOW THE HEIGHT OF THE SEDIMENT TUBE, REPAIRS SHOULD BE MADE IMMEDIATELY TO PREVENT RUNOFF FROM BYPASSING TUBE.
- SEDIMENT TUBES SHOULD BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN COMPLETELY STABILIZED. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH SEDIMENT TUBES HAVE BEEN REMOVED.

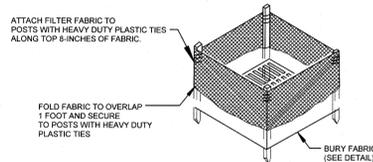
**SEDIMENT TUBE SPACING**

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150- FEET
2%	100- FEET
3%	75- FEET
4%	50- FEET
5%	40- FEET
6%	30- FEET
GREATER THAN 6%	25- FEET

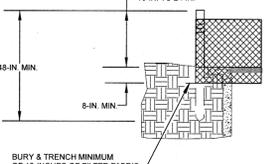
**SEDIMENT TUBE DETAIL**  
SCALE: N.T.S.



POST INSTALLATION DETAIL



FILTER FABRIC INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

**TYPE A - POST REQUIREMENTS**

- SILT FENCE POSTS MUST BE 48 INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS:
  - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
  - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38 INCHES AND A NOMINAL "T" LENGTH OF 1.48 INCHES.
  - WEIGH 1.25 POUNDS PER FOOT (#8).
- POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
- INSTALL POSTS TO A MINIMUM OF 24 INCHES. A MINIMUM HEIGHT OF 1 TO 2 INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
- POST SPACING SHALL BE AT A MAXIMUM OF 3 FEET ON CENTER.

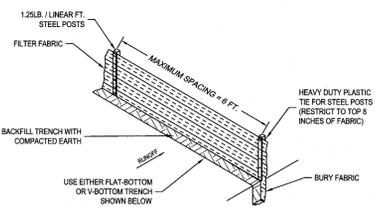
**TYPE A - FILTER FABRIC REQUIREMENTS**

- SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
  - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.
  - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION.
  - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES, AND.
  - HAVE A MINIMUM WIDTH OF 36 INCHES.
- USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 12 INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
- FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
- FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24 INCHES ABOVE THE GROUND.

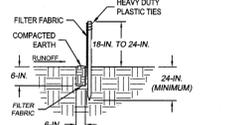
**TYPE A - INSPECTION & MAINTENANCE**

- THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.
- REGULAR INSPECTIONS OF INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE FILTER FABRIC IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE FILTER FABRIC. WHEN A SUMP IS INSTALLED IN FRONT OF THE FABRIC, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE SUMP.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE FILTER FABRIC. BENEATH THE FILTER FABRIC, OR WHERE THE FABRIC HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE INLET PROTECTION.
- CHECK FOR TEARS WITHIN THE FILTER FABRIC AREAS WHERE FABRIC HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE INLET PROTECTION INEFFECTIVE. REMOVE DAMAGED FABRIC AND REINSTALL NEW FILTER FABRIC IMMEDIATELY.
- INLET PROTECTION STRUCTURES SHOULD BE REMOVED AFTER ALL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DRAIN-INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.

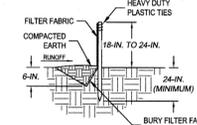
**INLET PROTECTION**  
SCALE: N.T.S.



SILT FENCE INSTALLATION



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

**SILT FENCE - GENERAL NOTES:**

- DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
- MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100 FEET.
- MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO THE FENCE LINE) SHALL BE 2:1.
- SILT FENCE JOINTS, WHEN NECESSARY SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS:
  - WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 1 FOOT MINIMUM OVERLAP.
  - OVERLAP SILT FENCE BY INSTALLING 3 FEET PAST THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO NEW ROLL WITH HEAVY DUTY PLASTIC TIES OR.
  - OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
- ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8 INCHES OF THE FABRIC.
- INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORM WATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEAN OUT.
- INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE. ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED / INSTALLED SILT FENCE.

**SILT FENCE - POST REQUIREMENTS**

- SILT FENCE POSTS MUST BE 48 INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS:
  - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
  - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38 INCHES AND A NOMINAL "T" LENGTH OF 1.48 INCHES.
  - WEIGH 1.25 POUNDS PER FOOT (#8).
- POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
- STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17 SQUARE INCHES AND BE COMPOSED OF 1/2 GAUGE STEEL. AT A MINIMUM, THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
- INSTALL POSTS A MINIMUM OF 24 INCHES. A MINIMUM HEIGHT OF 1 TO 2 INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
- POST SPACING SHALL BE AT A MAXIMUM OF 6 FEET ON CENTER.

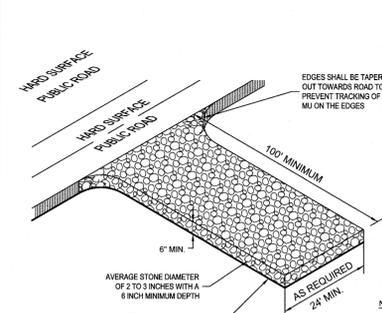
**SILT FENCE - FABRIC REQUIREMENTS**

- SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
  - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.
  - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION.
  - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES, AND.
  - HAVE A MINIMUM WIDTH OF 36 INCHES.
- USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 12 INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
- FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
- FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24 INCHES ABOVE THE GROUND.

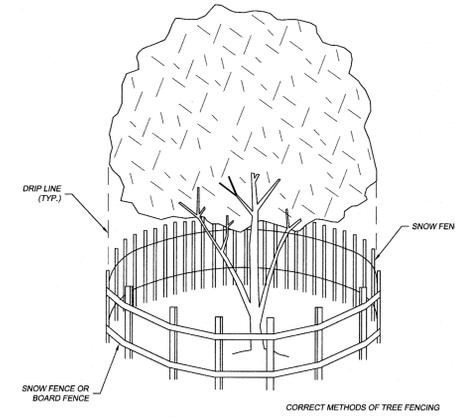
**SILT FENCE - INSPECTION & MAINTENANCE**

- THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.
- REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.
- CHECK FOR TEARS WITHIN THE SILT FENCE. AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVE DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.
- SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

**CONSTRUCTION OF A SILT FENCE**  
SCALE: N.T.S.



STABILIZED CONSTRUCTION ENTRANCE  
SCALE: N.T.S.



TREE PROTECTION  
SCALE: N.T.S.

CHA  
138 Professional Drive  
Myrtle Beach, SC 29577-5866  
843.632.0344 - www.chaengineers.com

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OFFICE OF FACILITIES  
1160 E. HIGHWAY 501  
CONWAY, SC 29526

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CERTIFICATE OF LICENSURE

SOUTH CAROLINA  
ERIC K. SANFORD  
No. 28814  
LICENSED PROFESSIONAL ENGINEER

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CAROLINA FOREST  
HIGH SCHOOL  
TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

No.	Submitted / Revision	App'd	By	Date

SEDIMENT AND EROSION CONTROL DETAILS

Designed By:	Drawn By:	Checked By:
EKS	PES	EKS
Issue Date:	Project No.:	Scale:
1/31/20	19002E	NO SCALE

Drawing No.:  
**C-502**

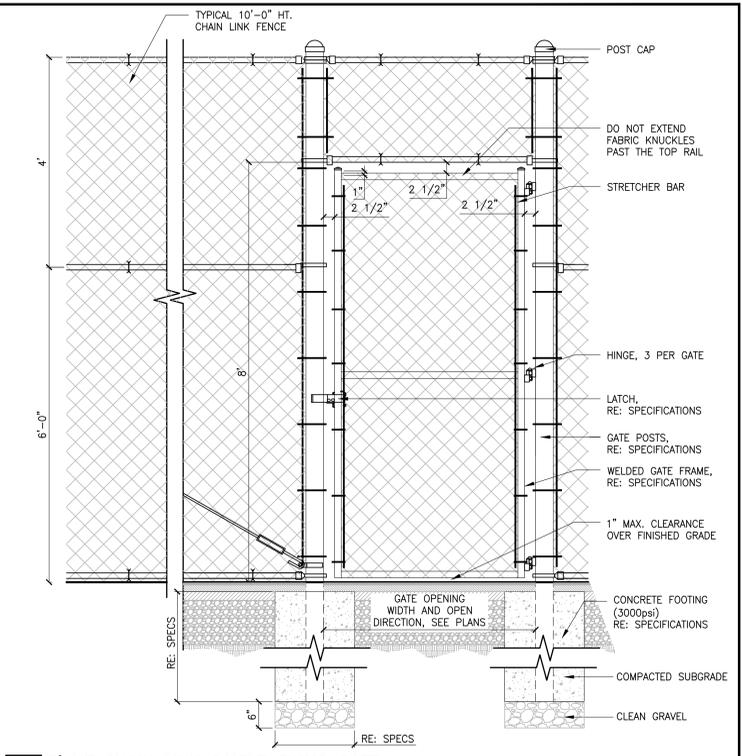
No.	Submit / Revision	Appr.	By	Date

SITE DETAILS

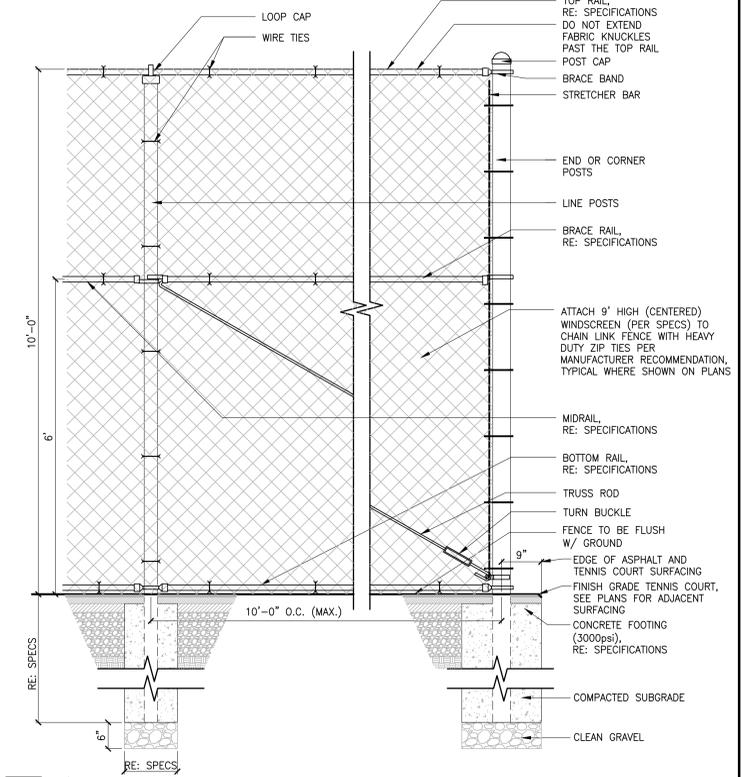
Designed By:	Drawn By:	Checked By:
JRP	JM	JRP
Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No.:

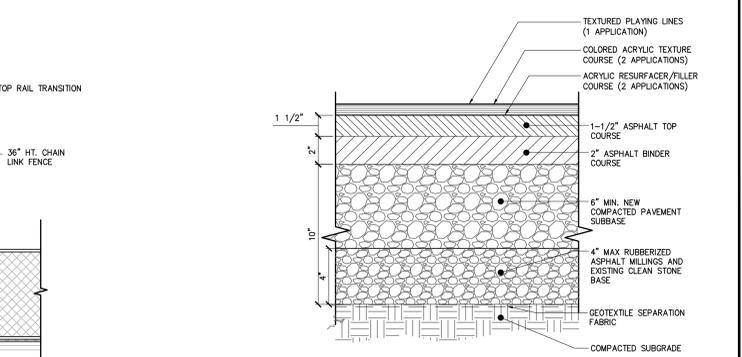
**C-601**



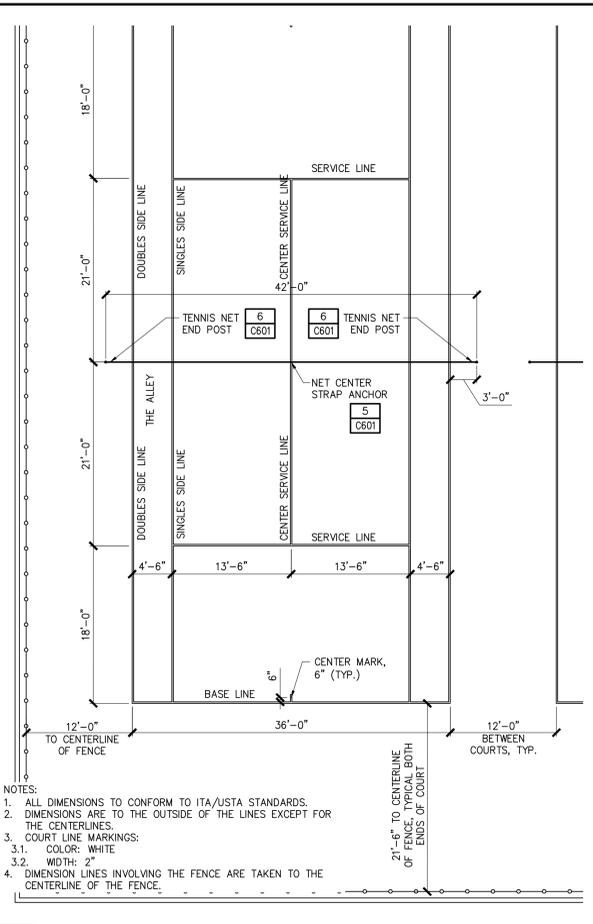
**4 8' HT CHAIN LINK SINGLE SWING GATE**  
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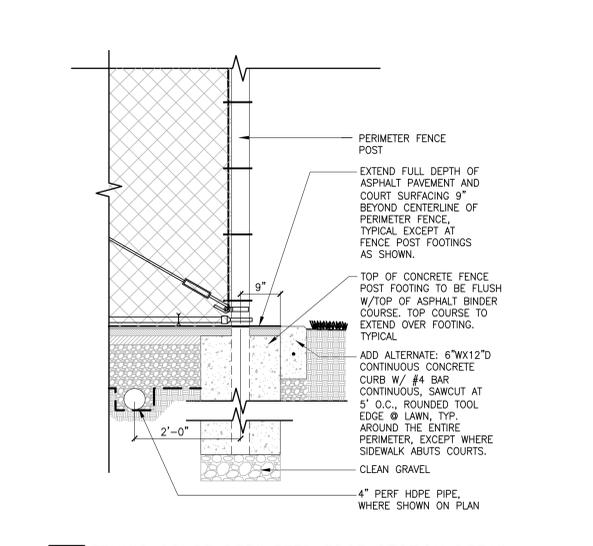
**10 10' HT CHAIN LINK FENCE**  
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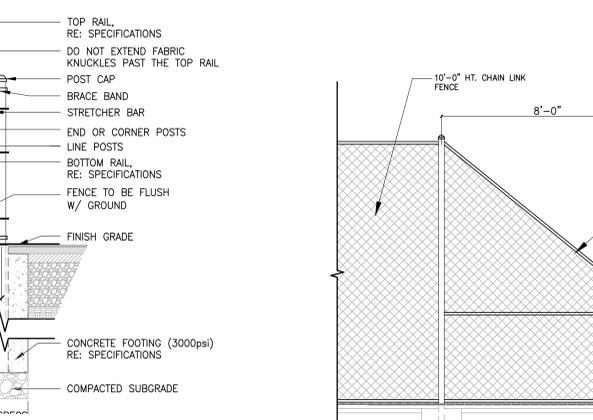
**14 TENNIS COURT PAVEMENT**  
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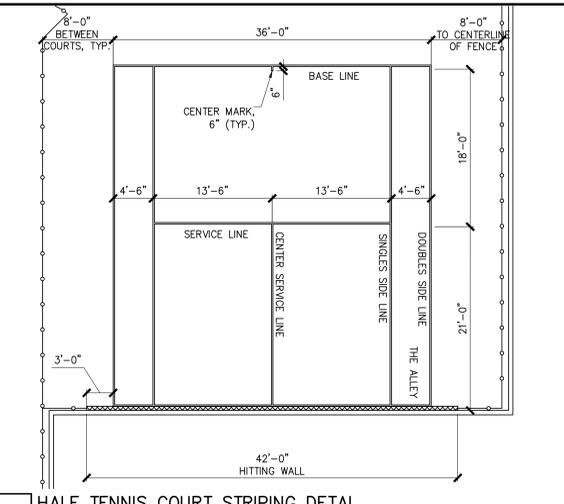
**3 FULL TENNIS COURT STRIPING DETAIL**  
SCALE:



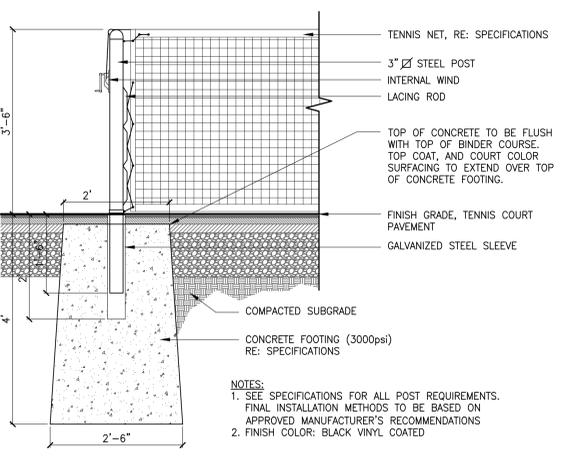
**9 TENNIS COURT PERIMETER EDGE SECTION DETAIL**  
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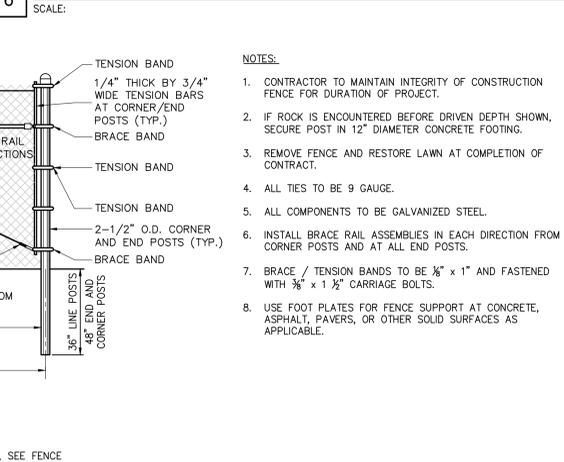
**13 FENCE ELEVATION**  
SCALE:



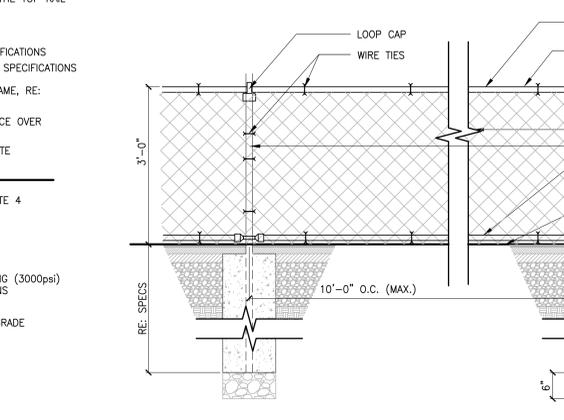
**2 HALF TENNIS COURT STRIPING DETAIL**  
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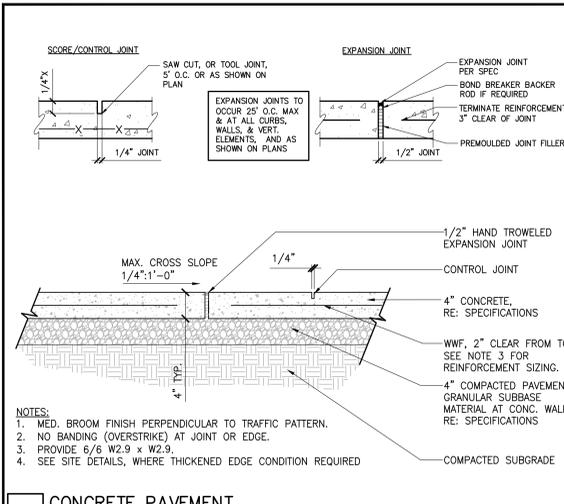
**6 TENNIS NET POST DETAIL**  
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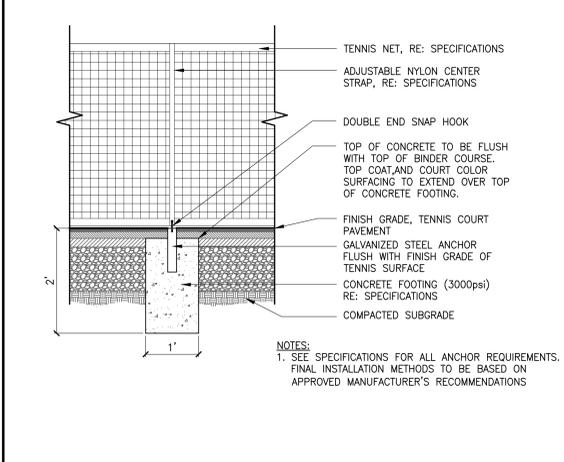
**5 TENNIS NET CENTER STRAP ANCHOR DETAIL**  
SCALE:



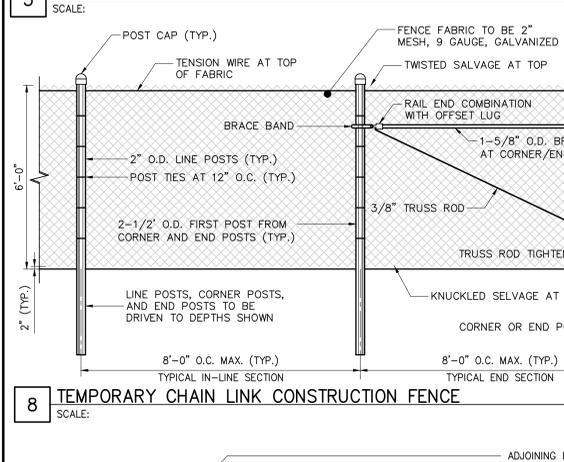
**12 3 HT. CHAIN LINK FENCE**  
SCALE:



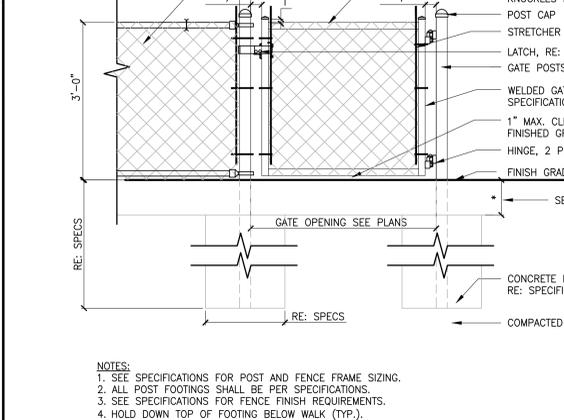
**1 CONCRETE PAVEMENT**  
SCALE:



**8 TEMPORARY CHAIN LINK CONSTRUCTION FENCE**  
SCALE:



**3 HT. CHAIN LINK SWING SINGLE GATE**  
SCALE:



**1 CONCRETE PAVEMENT**  
SCALE:

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**LIGHTING**  
REFER TO LIGHTING SCHEDULE FOR TYPE, LAMP, BALLAST, POWER REQUIREMENTS,  
MOUNTING HEIGHT AND MANUFACTURER.

SPORT LIGHTING

**DEVICES AND APPURTENANCES**

- ☐ SINGLE POLE TOGGLE SWITCH
- ☐ DUPLEX RECEPTACLE
- ☐ TWO - 20 AMP DUPLEX RECEPTACLES UNDER SINGLE COVER

**RACEWAYS**

- CONDUIT CONCEALED OR EXPOSED AS SPECIFIED
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- HOMERUN BACK TO PANEL (PANEL AND CIRCUITS INDICATED)
- UNDERGROUND CONDUIT
- GROUND CONDUCTOR
- INDICATES EXISTING DEVICES OR EQUIPMENT

**POWER DISTRIBUTION EQUIPMENT**

- ☐ SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD 208/120V, 3Ø, 4W, UON
- ☐ CONTROL RELAY PANEL

**GENERAL**

- ① NUMBER IN CIRCLE, WITH OR WITHOUT ARROW OR LEADER, REFER TO MATCHING NUMBERED CODED NOTE
- ◇ NUMBER IN DIAMOND, WITH OR WITHOUT ARROW OR LEADER; REFER TO THE DEMOLITION CODED NOTE WITH THE MATCHING NUMBER
- XXX DETAIL CALLOUT

**GENERAL NOTES**

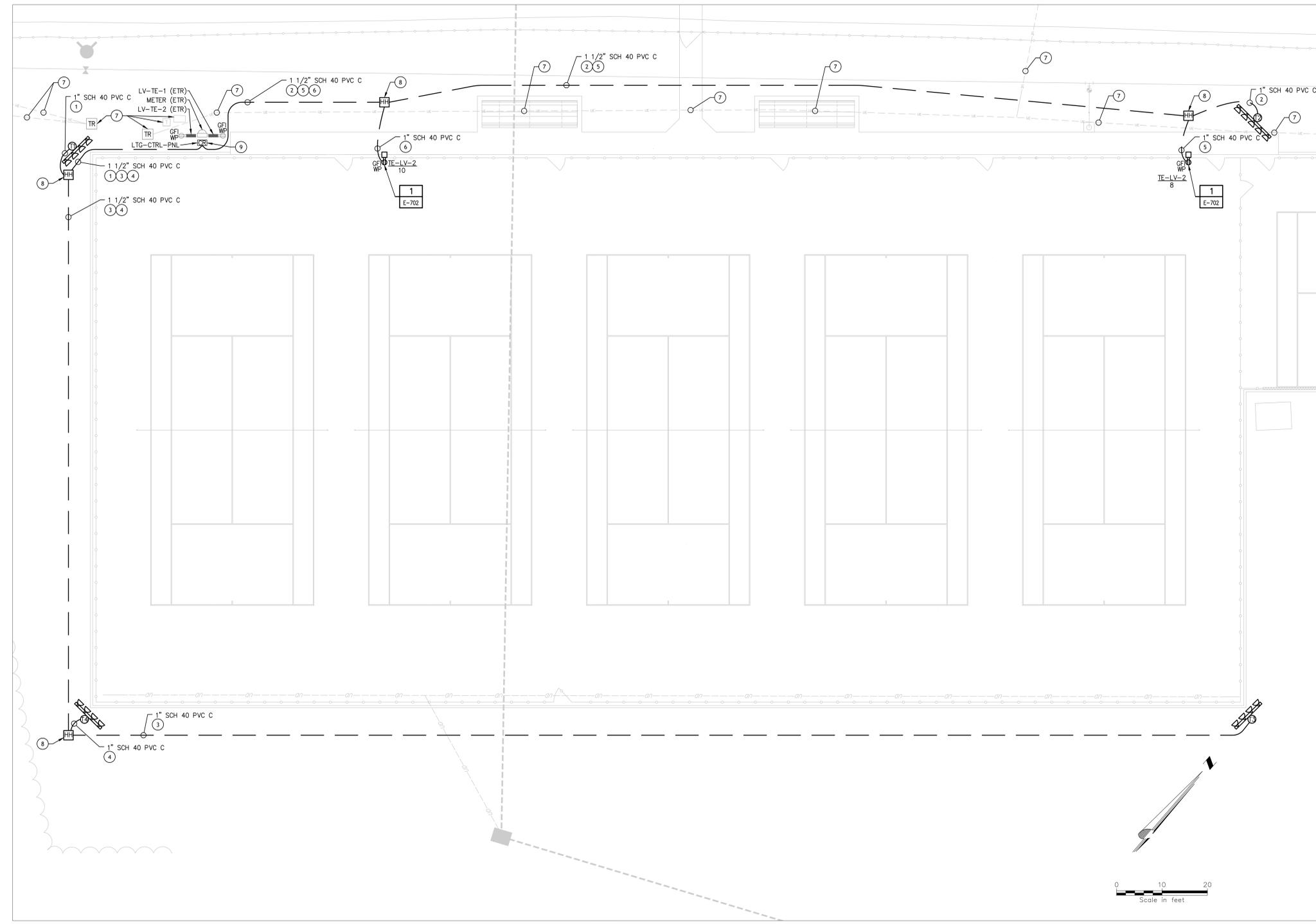
1. REFER TO CIVIL DRAWINGS FOR SYMBOLS ASSOCIATED WITH WORK, EQUIPMENT, ETC. BY OTHER(S).
2. ALL WORK SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE BY THE ELECTRICAL CONTRACT UNLESS OTHERWISE INDICATED.
3. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC UON. EXACT LOCATION OF ALL CONDUIT RUNS SHALL BE DETERMINED IN THE FIELD. COORDINATE INSTALLATIONS AND AVOID CONFLICT WITH PIPING, DUCTWORK, ACCESS DOORS AND WORK BY OTHER TRADES.
4. GENERAL NOTES APPLY TO ALL ELECTRICAL CONTRACT DRAWINGS.

**ABBREVIATIONS**

A AMPERE	LGIT LIGHTING
AC ALTERNATING CURRENT	LT(S) LIGHT(S)
AIC AMPERE INTERRUPTING CAPACITY	LED LIGHT EMITTING DIODE
AWG AMERICAN WIRE GAUGE	
BKR BREAKER	MCB MAIN CIRCUIT BREAKER
C CONDUIT	MFR MANUFACTURER
CB CIRCUIT BREAKER	MT MOUNT
CIR CIRCUIT	MTD MOUNTED
CKT CIRCUIT	N NORTH
CO COMPANY	NEC NATIONAL ELECTRICAL CODE
CTRL CONTROL	No/# NUMBER
CU COPPER	P POLE(S)
DWG DRAWING	PNL PANEL
EA EACH	PWR POWER
ELEC ELECTRIC(AL)	Ø PHASE
ENCL ENCLOSURE	PT PRESSURE TREATED
EQUIP EQUIPMENT	RECEPT RECEPTACLE
ETR EXISTING TO REMAIN	RGS RIGID GALVANIZED STEEL
FIXT FIXTURE	RLY RELAY
FT FOOT (FEET)	SW SWITCH
G, GND GROUND	TEMP TEMPORARY/TEMPERATURE
GALV GALVANIZE(D)	TMR TIMER
GC GENERAL CONTRACTOR	TYP TYPICAL
GFI GROUND FAULT CIRCUIT INTERRUPTER	UON UNLESS OTHERWISE NOTED
ID IDENTIFY, IDENTIFICATION	V VOLT, VOLTS
KVA KILO VOLT AMPERE	VA VOLT-AMPERES
KW KILOWATT	W WATT, WIRE
	W/ WITH
	WP WEATHERPROOF

**CODED NOTES**

- ① (2) #8, (1) #8G, FOR POLE T1.
- ② (2) #4, (1) #4G, FOR POLE T2.
- ③ (2) #4, (1) #4G, FOR POLE T3.
- ④ (2) #8, (1) #8G, FOR POLE T4.
- ⑤ (2) #8, (1) #8G, FOR NORTH RECEPTACLE FROM TE-LV-2 PANEL CKT 8.
- ⑥ (2) #12, (1) #12G, FOR WEST RECEPTACLE FROM TE-LV-2 PANEL CKT 10.
- ⑦ PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.
- ⑧ PROVIDE HANDHOLE (SEE DETAILS 2 ON E-701).
- ⑨ PROVIDE LIGHTING CONTROL PANEL (SEE DETAILS 3 & 4 ON E-701)



**ELECTRICAL SITE PLAN**  
SCALE: 1" = 10'

**GENERAL NOTES**

1. PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.

LOCATION: CEHS TENNIS COURT		PANEL ID: TE-LV-1		VOLTS, PHASE, WIRE: 240/120V, 1Ø, 3W			
MOUNTING: SURFACE		MOUNTING: SURFACE		MOUNTING: SURFACE			
SOURCE: UTILITY		SOURCE: UTILITY		SOURCE: UTILITY			
		EXISTING					
CKT	LOAD DESCRIPTION	CB AMPS/POLE	CONN LOAD KVA	CONN LOAD KVA	CB AMPS/POLE	LOAD DESCRIPTION	CKT
1	CONTROL CIRCUIT	20/1	0.18		2.40	LIGHTS (T1)	2
3				2.40	30/2		4
5					3.00		6
7					3.00	LIGHTS (T2)	8
9	SPARE	20/1	0.00		3.00		10
11	REC ROOM	20/1	0.36		0.00	LIGHTING PANEL (PWL LINE COMM)	12
13				0.00	20/2		14
15				0.00			16
17							18
19							20
21							22
23							24
		TOTAL kVA		TOTAL kVA			
		11.34		11.34			

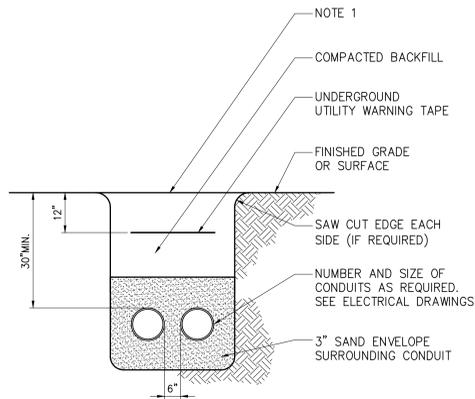
NOTES:  
1. CIRCUITS 2,4 REPLACE WITH 30A/2P, TYPE OF BREAKER TO MATCH EXISTING.  
2. CIRCUITS 8,10 REPLACE WITH 35A/2P, TYPE OF BREAKER TO MATCH EXISTING.  
3. CIRCUITS 14,16 REPLACE WITH 20A/2P, TYPE OF BREAKER TO MATCH EXISTING.  
4. PANEL IS SQUARE D QO LOAD CENTER.

LOCATION: CEHS TENNIS COURT		PANEL ID: TE-LV-2		VOLTS, PHASE, WIRE: 240/120V, 1Ø, 3W			
MOUNTING: SURFACE		MOUNTING: SURFACE		MOUNTING: SURFACE			
SOURCE: UTILITY		SOURCE: UTILITY		SOURCE: UTILITY			
		EXISTING					
CKT	LOAD DESCRIPTION	CB AMPS/POLE	CONN LOAD KVA	CONN LOAD KVA	CB AMPS/POLE	LOAD DESCRIPTION	CKT
1				0.00	20/1	SPARE	2
3	LIGHTS (T3)	30/2	2.40		80/2	EXISTING FEED	4
5					0.18	RECEPTACLE (NORTH)	6
7	LIGHTS (T4)	30/2	2.40		0.18	RECEPTACLE (WEST)	8
9					0.18		10
11							12
13	SPARE	50/2	0.00				14
15							16
17							18
19							20
21							22
23							24
		TOTAL kVA		TOTAL kVA			
		4.80		9.96			

NOTES:  
1. CIRCUITS 1,3 AND 7,9 REPLACE WITH 30A/2P, TYPE OF BREAKER TO MATCH EXISTING.  
2. CIRCUITS 8 & 10 REPLACE WITH 20A/1P, TYPE OF BREAKER TO MATCH EXISTING.  
3. PANEL IS SQUARE D QO LOAD CENTER.

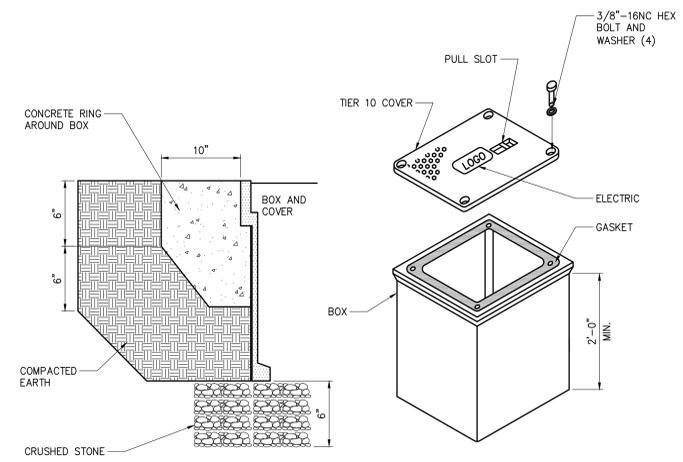
LIGHTING FIXTURE SCHEDULE						
TAG	DISCRIPTION	MOUNTING	LAMP(S)	VOLTS	MANUFACTURER & CATALOG NUMBER	COMMENTS
T1	POLE MOUNTED SPORT LIGHT	60' POLE MOUNTED, TENNIS COURT	(4) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T2	POLE MOUNTED SPORT LIGHT	60' POLE MOUNTED, TENNIS COURT	(5) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T3	POLE MOUNTED SPORT LIGHT	60' POLE MOUNTED, TENNIS COURT	(4) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T4	POLE MOUNTED SPORT LIGHT	60' POLE MOUNTED, TENNIS COURT	(4) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	





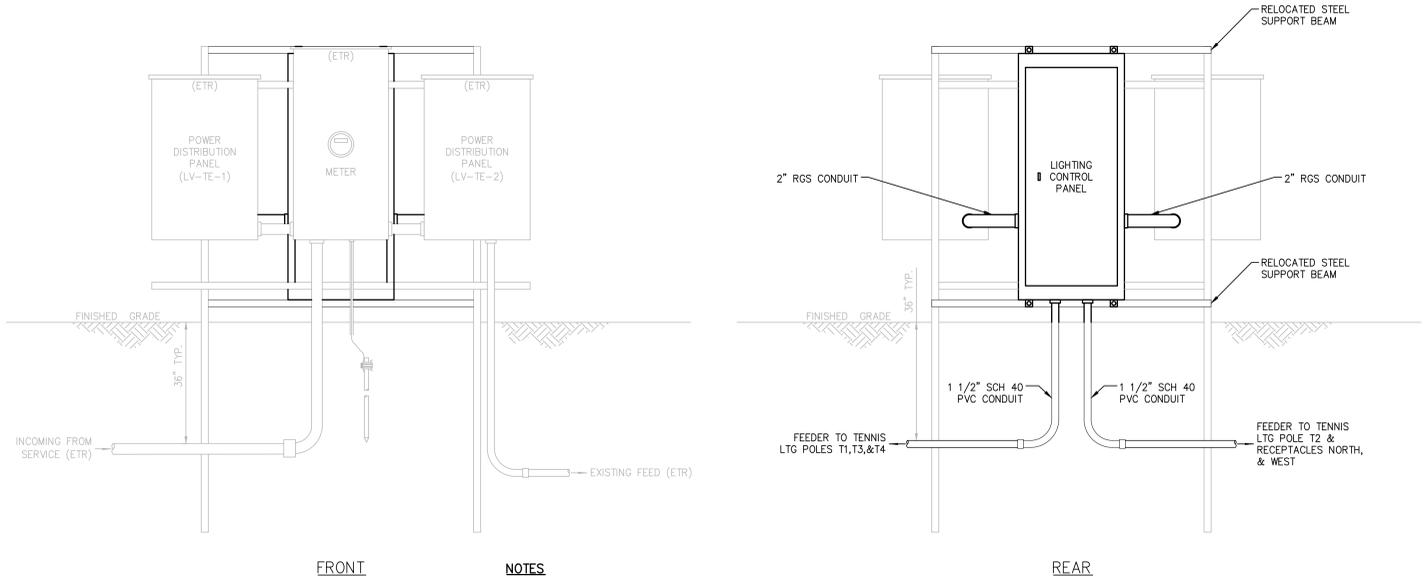
**NOTE**  
1. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT, TOPSOIL AND GRASS.

**1 TYPICAL DIRECT BURIED CONDUIT(S) DETAIL**  
- NOT TO SCALE



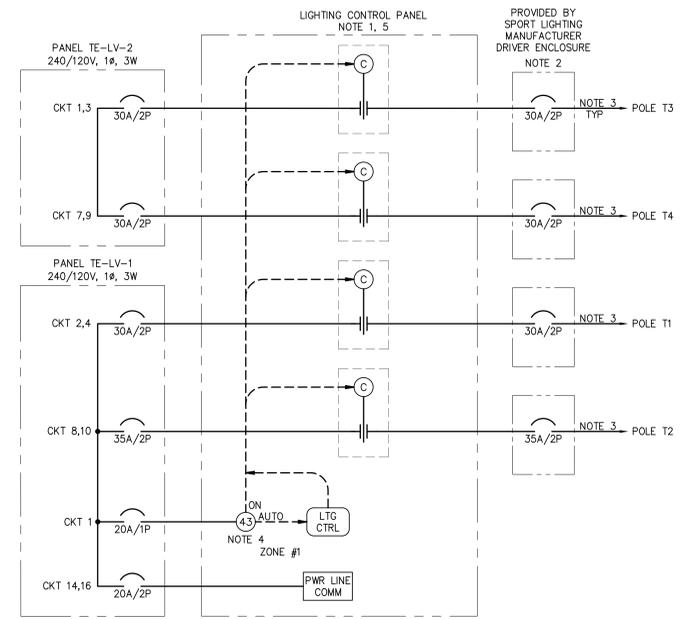
**NOTES**  
1. SIZE HANDHOLE AT EACH LOCATION PER NEC. MINIMUM SIZE SHALL BE 18" X 18" X 24".  
2. PROVIDE ALL CONDUITS WITH A PULL ROPE.  
3. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT CONCRETE, TOPSOIL AND GRASS.

**2 HANDHOLE - DETAIL**  
- NOT TO SCALE



**NOTES**  
1. ALL EXPOSED EQUIPMENT SHALL BE GROUNDED.  
2. ALL ELECTRICAL ENCLOSURES SHALL BE NEMA 3R RATED.  
3. ALL MOUNTING HARDWARE TO BE GALVANIZED.  
4. LIGHTING CONTROL PANEL MAY NEED TO BE MOUNTED FURTHER OUT TO GIVE ENOUGH CLEARANCE FOR EXISTING CONDUIT.  
5. PROTECT AND MAINTAIN EXISTING ELECTRICAL WIRE & EQUIPMENT. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.  
6. SEAL UNUSED HOLES IN PANELS.

**3 CAROLINA FOREST H.S. TENNIS LIGHTING PANELBOARD**  
- NOT TO SCALE



**NOTES**  
1. LIGHTING CONTROL PANEL FACTORY ASSEMBLED AND UL LISTED BY SPORTS LIGHTING MANUFACTURER.  
2. DRIVER ENCLOSURE LOCATED ON SPORTS LIGHTING POLE.  
3. WIRING FROM DRIVER ENCLOSURE TO LUMINARIES FURNISHED BY SPORTS LIGHTING MANUFACTURER.  
4. OFF-ON-AUTO SELECTOR SWITCH PROVIDED WITH LIGHTING CONTROL PANEL.  
5. LIGHTING CONTROL PANEL TO BE SUPPLIED WITH NUMBER OF CONTACTORS SHOWN.

**4 TENNIS COURT LIGHTING - CONTROL DIAGRAM**  
- NOT TO SCALE

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CAROLINA FOREST HIGH SCHOOL  
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submitted / Revision	Appr. By	Date

ELECTRICAL DETAILS

Designed By:	Drawn By:	Checked By:
JRH	JRH	JD
Issue Date:	Project No:	Scale:
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Drawing No.:  
**E-701**

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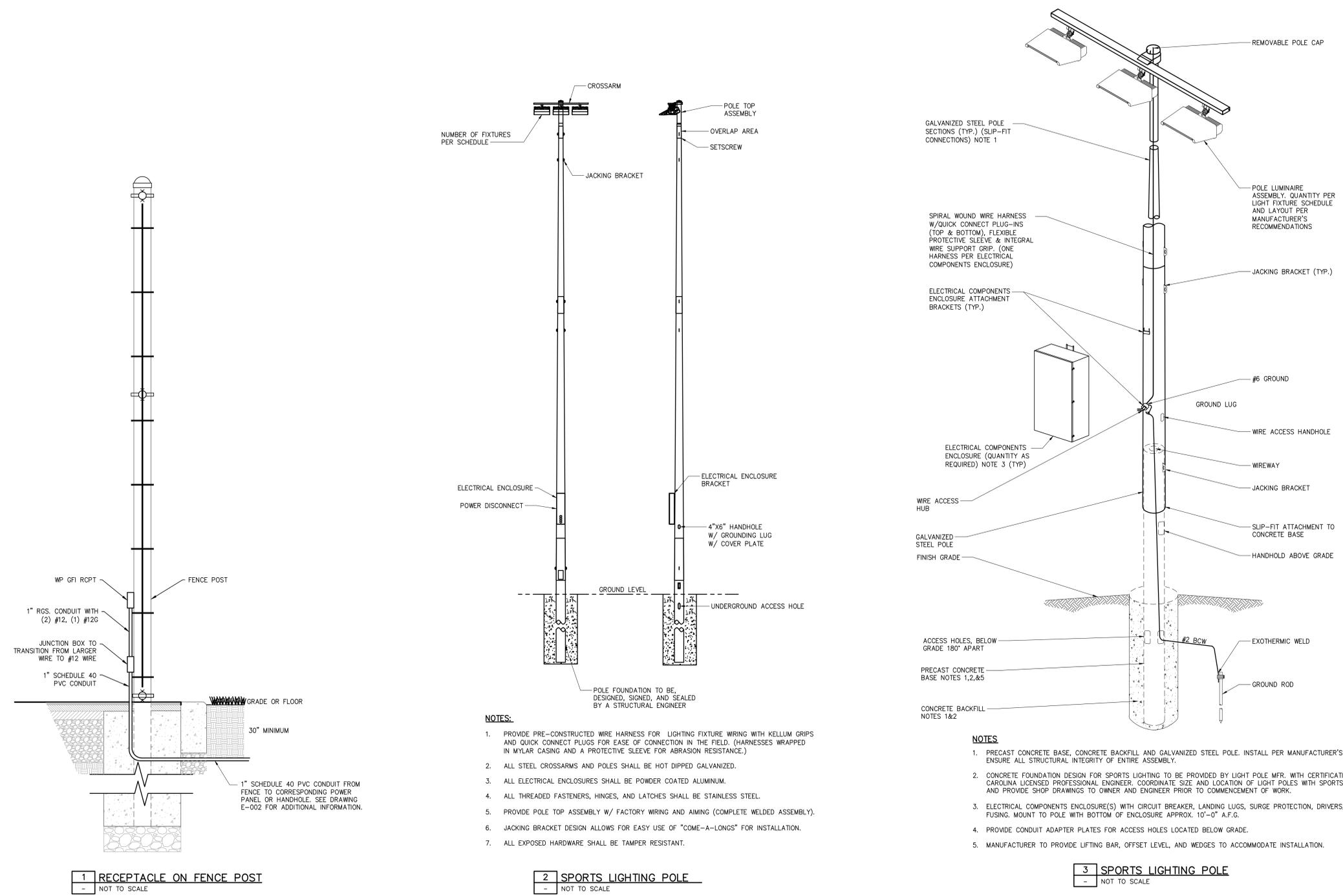
CAROLINA FOREST HIGH SCHOOL  
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submital / Revision	Appr.	By	Date

ELECTRICAL DETAILS

Designed By: JRH	Drawn By: JRH	Checked By: JD
Issue Date: 02/21/2020	Project No: 36108	Scale: AS SHOWN

Drawing No.  
**E-702**



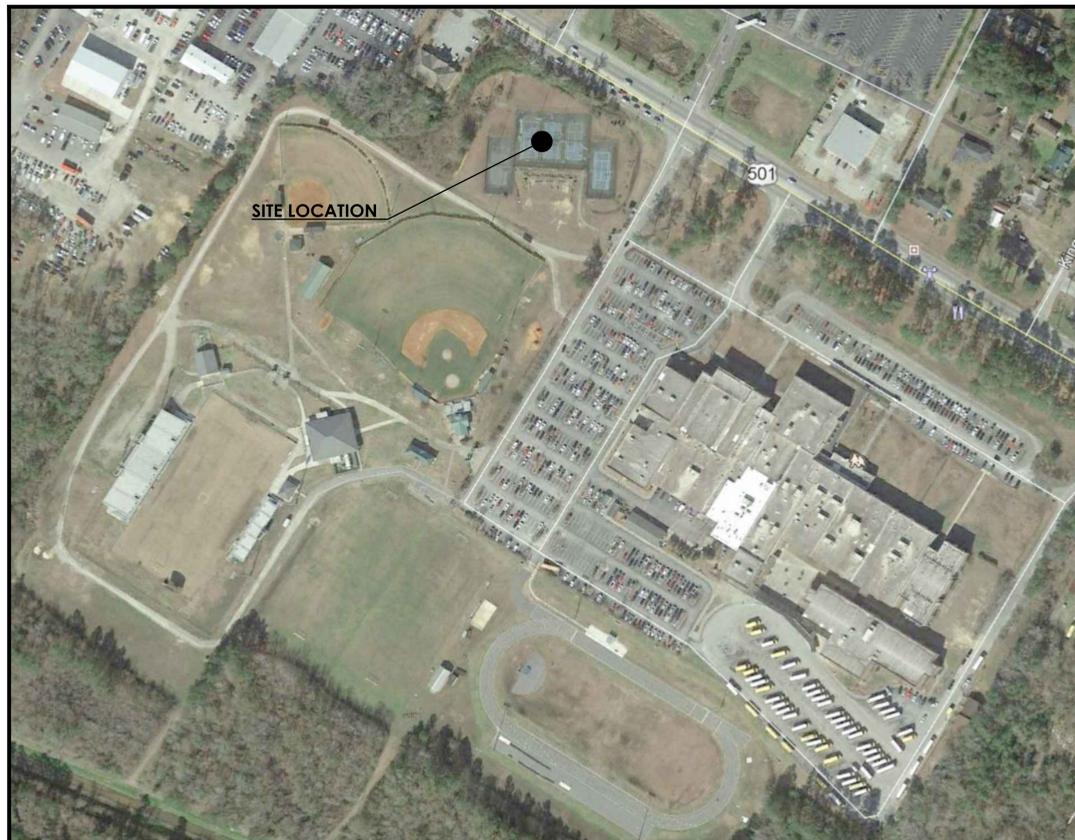
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# TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM



HORRY COUNTY SCHOOLS  
OFFICE OF FACILITIES  
1160 E. HIGHWAY 501  
CONWAY, SC 29526

CONWAY HIGH SCHOOL  
*February, 2020*



SITE VICINITY MAP  
SCALE: NOT TO SCALE



## 100% CONSTRUCTION DOCUMENTS Sheet Index

SHEET #'s	SHEET TITLE
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C-002	DEMOLITION PLAN
C-100	LAYOUT PLAN
C-101	OVERALL LAYOUT PLAN
C-200	GRADING & DRAINAGE PLAN
C-500	SEDIMENT AND EROSION CONTROL PLAN PHASE I
C-501	SEDIMENT AND EROSION CONTROL PLAN PHASE II
C-502	SEDIMENT AND EROSION CONTROL DETAILS
C-601	SITE DETAILS
C-602	SITE DETAILS
E-001	ELECTRICAL SITE PLAN
ED-001	ELECTRICAL DEMO PLAN
E-701	ELECTRICAL DETAILS
E-702	ELECTRICAL DETAILS



HORRY COUNTY SCHOOLS

OFFICE OF FACILITIES  
1160 E. HIGHWAY 501  
CONWAY, SC 29526



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CONWAY HIGH SCHOOL  
TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

No.	Submitted / Revision	Appr.	By	Date

TITLE SHEET

Designed By:	Drawn By:	Checked By:
JRP	JM	JRP
Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No.:  
**G-000**









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IF A VIOLATION OF LAW OR ANY FEDERAL, STATE, LOCAL, OR  
 COUNTY ORDER OR THE DECISION OF A LICENSED PROFESSIONAL  
 ENGINEER OR ARCHITECT IS REQUIRED TO BE OBTAINED BY THE  
 CONTRACTOR TO ALTER OR REPAIR ANY PART OF AN EXISTING  
 STRUCTURE OR TO CONSTRUCT ANY STRUCTURE OR ACCESSORY  
 STRUCTURE, THE CONTRACTOR SHALL OBTAIN THE NECESSARY  
 PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES  
 BEFORE BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE  
 FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS AND  
 FOR THE COST OF OBTAINING THEM. THE CONTRACTOR SHALL  
 BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND  
 APPROVALS AND FOR THE COST OF OBTAINING THEM.

**CONWAY HIGH SCHOOL**  
 TENNIS COURT  
 ATHLETIC FACILITY  
 IMPROVEMENTS PROGRAM

No.	Submittal / Revision	Appr'd.	By	Date

**OVERALL LAYOUT  
 PLAN**

Designed By: JRP	Drawn By: JIM	Checked By: JRP
Issue Date: 02/21/2020	Project No.: 36106	Scale: AS SHOWN



**EROSION CONTROL LEGEND**

SYMBOL	PRACTICE	DESCRIPTION
IP	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
OP	OUTLET PROTECTION	RIP RAP CHANNEL / BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION, AND STABILIZE GRADES DOWNSTREAM OF OUTLET STRUCTURES.
CD	TEMPORARY CHECK DAM	RIP RAP BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OF DRAINAGE OUTLETS.
SF	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
SF2	DOUBLE ROW SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
CL	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
ECB	PERMANENT EROSION CONTROL MATTING	A PERMANENT REINFORCEMENT MAT TO PREVENT SOIL EROSION AND MAINTAIN PERMANENT GROUND COVER.
Ds3	DISTURBED AREA STABILIZATION	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
ST	SEDIMENT TUBE	SEDIMENT TUBE PLACED IN EXISTING OR PROPOSED DITCH SECTIONS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OF DRAINAGE OUTLETS.

**SEEDING NOTES:**

- INCLUDES RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
- NOT REQUIRED ON SHOULDERS, MEDIANS, ETC., AND SLOPES UNDER 5 FEET IN HEIGHT.
- GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.
- RESEEDING CRIMSON CLOVER SHALL BE INOCULATED IN ACCORDANCE WITH SUBSECTION 810.05. DO NOT PLANT CLOVER IN MEDIANS OR IN RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
- PENSACOLA BANHA SHALL BE ALLOWED ONLY AS SHOWN IN SEEDING SCHEDULES 3 AND 4 AT THE RATE OF 50 POUNDS PER ACRE ONLY WHEN SEEDING PFT AREAS THAT ARE GOVERNED BY THE SOUTH CAROLINA MINING ACT. OTHERWISE, DO NOT INCLUDE BANHA SEED IN THE MIX.
- THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.
- GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.

SCHEDULE NO.	COMMON NAME OF SEED	RURAL URBAN RATE	PLANTING DATES
1	COMMON BERMUDA (SMALLEST)	210	MARCH 16 TO AUG. 31
	TALL FESCUE	140	
2	COMMON BERMUDA (SMALLEST)	175	SEPT. 1 TO MARCH 15
	ANNUAL RYEGRASS	175	

**NOTES:**

THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

SCHEDULE NO.	COMMON NAME OF SEED	RURAL RATE	URBAN RATE	PLANTING DATES
3	COMMON BERMUDA (SMALLEST)	30	30	MARCH 1 TO AUG. 14
	WEeping LOVEGRASS	10	10	
	SERICEA LESPEDEZA (SMALLEST)	50	50	
4	COMMON BERMUDA (SMALLEST)	40	40	AUG. 6 TO FEB. 26
	WEeping LOVEGRASS	10	10	
	SERICEA LESPEDEZA (SMALLEST)	80	80	
	RESEEDING CRIMSON CLOVER*	20	0	
	RYE GRASS	20	0	

**NOTES:**

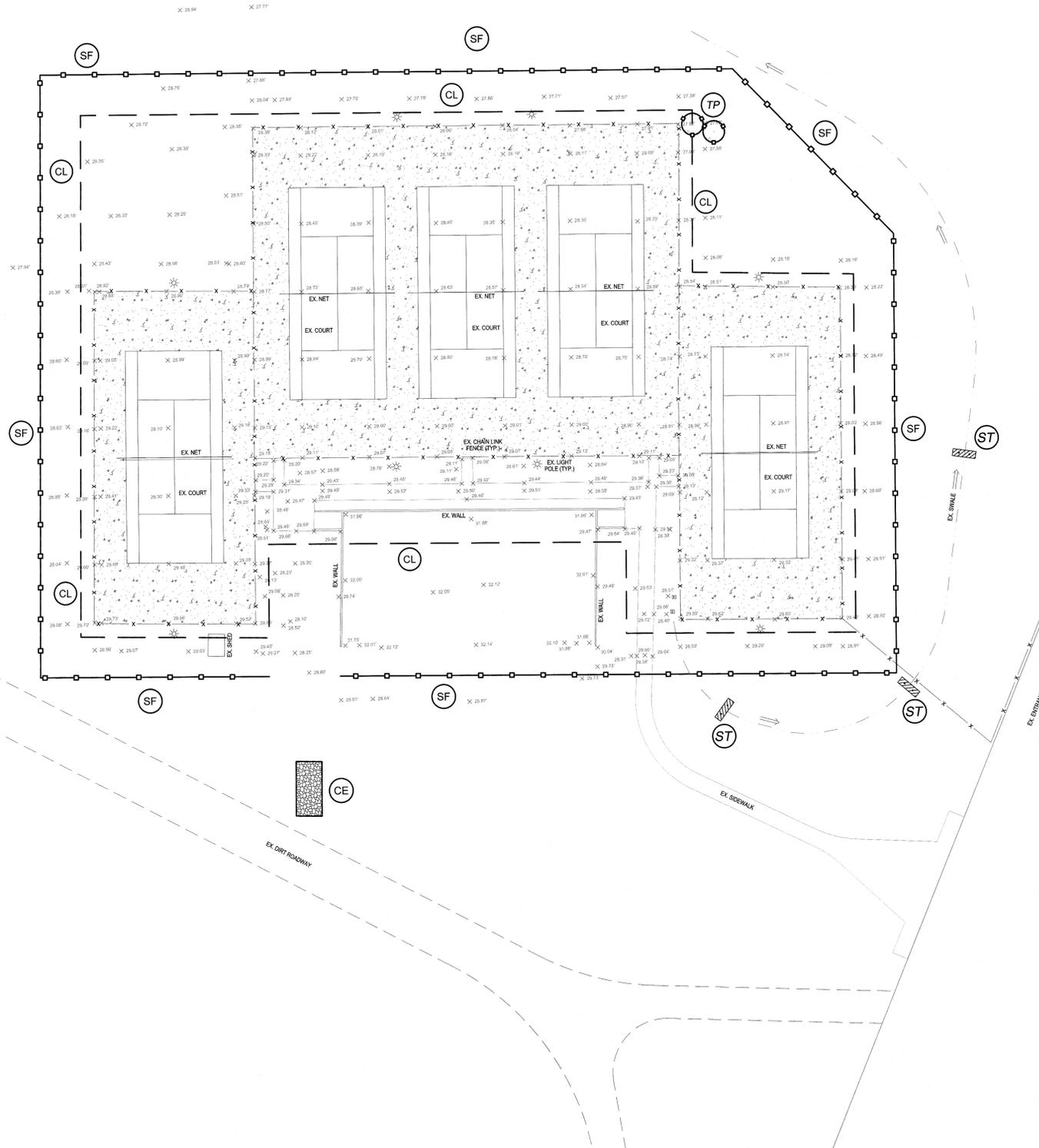
- INCLUDES RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
  - NOT REQUIRED ON SHOULDERS, MEDIANS, ECT., AND SLOPES UNDER 5 FEET IN HEIGHT.
  - GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.
  - RESEEDING CRIMSON CLOVER SHALL BE INOCULATED IN ACCORDANCE WITH SUBSECTION 810.05. DO NOT PLANT CLOVER IN MEDIANS OR IN RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
  - PENSACOLA BANHA SHALL BE ALLOWED ONLY AS SHOWN IN SEEDING SCHEDULES 3 AND 4 AT THE RATE OF 50 POUNDS PER ACRE ONLY WHEN SEEDING PFT AREAS THAT ARE GOVERNED BY THE SOUTH CAROLINA MINING ACT. OTHERWISE, DO NOT INCLUDE BANHA SEED IN THE MIX.
- THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

THE CONTRACTOR MAY INCLUDE QUANTITIES OF RYE GRASS AND MILLET IN SCHEDULE 1 AND 3 IN ORDER TO ESTABLISH QUICK GROUND COVER FOR EROSION CONTROL PURPOSES.

SCHEDULE NO.	COMMON NAME OF SEED	RURAL URBAN RATE	PLANTING DATES
1	ANNUAL SUDAN GRASS (SWIFT OR TIF)	40	APRIL 1 - AUGUST 15
2	BROWN TOP MILLET	50	APRIL 1 - AUGUST 15
3	RYE GRASS	55	AUGUST 16 - MARCH 31

QAT GRASS IS TO BE ADDED TO ALL SCHEDULES, IF SEEDING DATE IS BETWEEN MARCH 1 AND APRIL 16, AT THE RATE OF 10 POUNDS PER ACRE.

THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF VEGETATION THAT IS CAPABLE OF EROSION CONTROL. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED RESULTS. THE TEMPORARY VEGETATION SHALL PROVIDE MINIMUM DENSITY COVERAGE OF 70% OF THE SEEDING AREA.

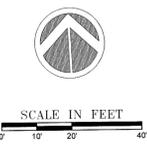


**EROSION CONTROL NOTES:**

- TOTAL DEVELOPMENT AREA: 1.57 ± ACRES
- DISTURBED AREA THIS PHASE: 0.45 ± ACRES
- 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 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 CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- 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 OFF-SITE 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 ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-303 ET SEQ. AND S.C.R. 1000.00.
- 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.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCES IS TO BE INSTALLED IN ALL AREAS WHERE A 50 FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10 FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- 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.
- A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
  - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL.
  - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS
  - CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS.
  - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND
  - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SO'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.
- EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INADEQUACIES IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.
- FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR OCRM WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
- ALL LAND DISTURBING ACTIVITIES REQUIRES COMPLIANCE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES PERMIT NO. SCRT100000. ANY NONCOMPLIANCE WITH THESE REGULATIONS IS A VIOLATION OF THE FEDERAL CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY Horry County OR SDCHEM.
- CONTRACTOR SHALL PROVIDE A WATER TIGHT ENCLOSURE FOR STORAGE OF THE OCRM CERTIFIED PLANS AND INSPECTION REPORTS. ENCLOSURE SHALL BE LOCATED IN AN AREA ACCESSIBLE TO REGULATORY PERSONNEL.
- ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.
- ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.

**CONSTRUCTION SEQUENCE:**

- CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WITHIN AND IMMEDIATELY ADJACENT TO PROJECT AREA
- INSTALL CONSTRUCTION ENTRANCE.
- INSTALL PERIMETER EROSION CONTROL DEVICES, INCLUDING ALL TREE PROTECTION.
- DEMO EXISTING TENNIS COURTS AND APPURTENANCES.



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Horry County Schools

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**HORRY COUNTY SCHOOLS**
  
 OFFICE OF FACILITIES
   
 1160 E. HIGHWAY 501
   
 CONWAY, SC 29526



IF A VIOLATION OF LAW OR AN UNLAWFUL ACT IS ALLEGED TO HAVE OCCURRED, THE ENGINEER SHALL REPORT THE VIOLATION TO THE APPROPRIATE AGENCIES AND SHALL NOT BE HELD RESPONSIBLE FOR THE VIOLATION. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR THE VIOLATION OF ANY LAW OR UNLAWFUL ACT.

**CONWAY HIGH SCHOOL TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM**

No.	Submitted / Revision	Appr'd	By	Date

**SEDIMENT AND EROSION CONTROL PLAN PHASE I**

Designed By:	Drawn By:	Checked By:
EKS	PES	EKS
Issue Date:	Project No.:	Scale:
1/31/20	19062E	1" = 20'

Drawing No: **C-500**









**LIGHTING**  
REFER TO LIGHTING FIXTURE SCHEDULE FOR TYPE, LAMP, BALLAST, POWER REQUIREMENTS, MOUNTING HEIGHT AND MANUFACTURER.

SPORT LIGHTING

**DEVICES AND APPURTENANCES**  
 SINGLE POLE TOGGLE SWITCH  
 DUPLEX RECEPTACLE  
 TWO - 20 AMP DUPLEX RECEPTACLES UNDER SINGLE COVER

**RACEWAYS**  
 CONDUIT CONCEALED OR EXPOSED AS SPECIFIED  
 CONDUIT TURNING UP  
 CONDUIT TURNING DOWN  
 HOMERUN BACK TO PANEL (PANEL AND CIRCUITS INDICATED)  
 UNDERGROUND CONDUIT  
 GROUND CONDUCTOR  
 INDICATES EXISTING DEVICES OR EQUIPMENT

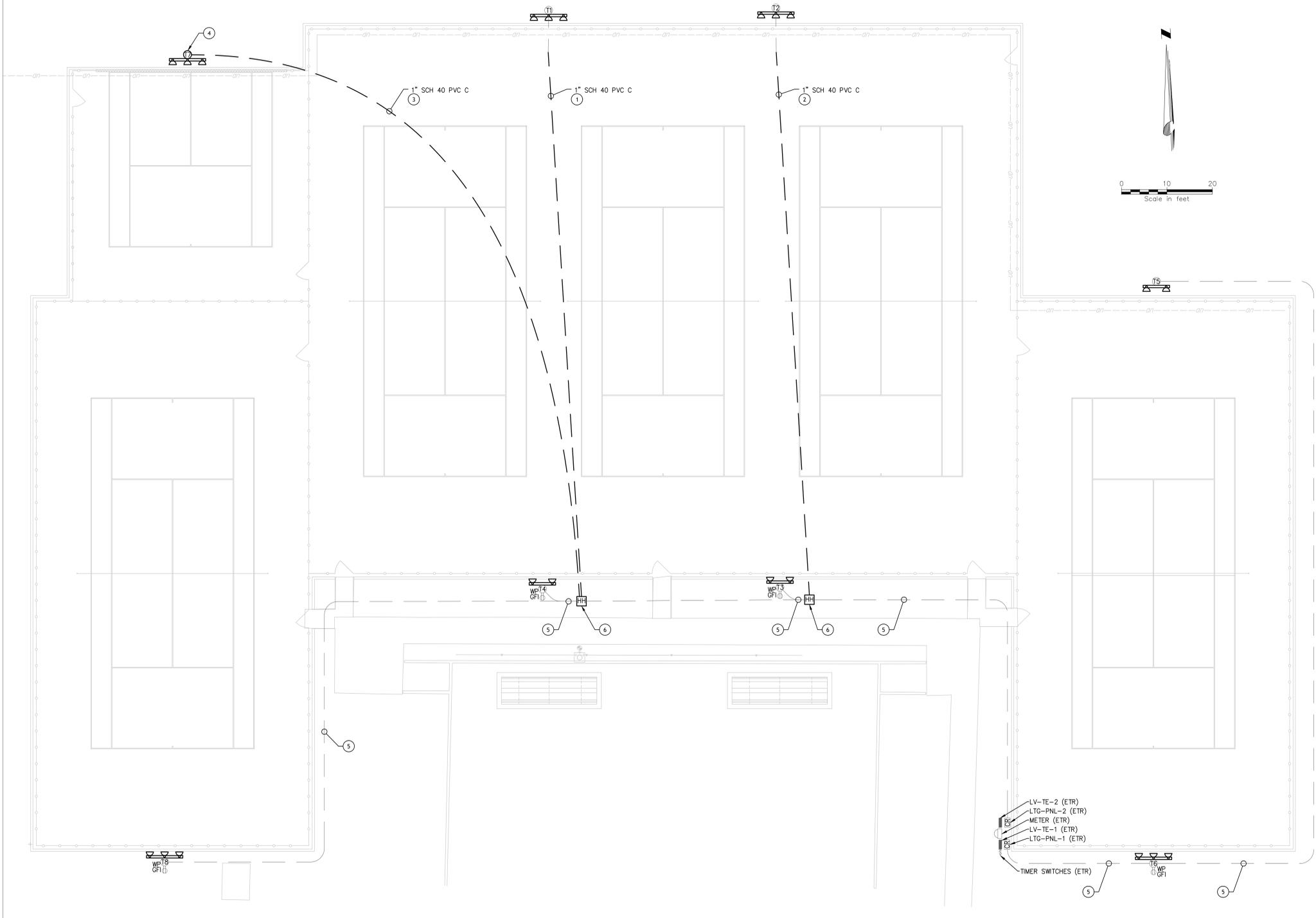
**POWER DISTRIBUTION EQUIPMENT**  
 SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD 208/120V, 3Ø, 4W, UON  
 CONTROL RELAY PANEL

**GENERAL**  
 NUMBER IN CIRCLE, WITH OR WITHOUT ARROW OR LEADER, REFER TO MATCHING NUMBERED CODED NOTE  
 NUMBER IN DIAMOND, WITH OR WITHOUT ARROW OR LEADER; REFER TO THE DEMOLITION CODED NOTE WITH THE MATCHING NUMBER  
 DETAIL CALLOUT

**GENERAL NOTES**  
 1. REFER TO CIVIL DRAWINGS FOR SYMBOLS ASSOCIATED WITH WORK, EQUIPMENT, ETC. BY OTHER(S).  
 2. ALL WORK SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE BY THE ELECTRICAL CONTRACT UNLESS OTHERWISE INDICATED.  
 3. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC UON. EXACT LOCATION OF ALL CONDUIT RUNS SHALL BE DETERMINED IN THE FIELD. COORDINATE INSTALLATIONS AND AVOID CONFLICT WITH PIPING, DUCTWORK, ACCESS DOORS AND WORK BY OTHER TRADES.  
 4. GENERAL NOTES APPLY TO ALL ELECTRICAL CONTRACT DRAWINGS.

**ABBREVIATIONS**  
 A AMPERE  
 AC ALTERNATING CURRENT  
 AIC AMPERE INTERRUPTING CAPACITY  
 AWG AMERICAN WIRE GAUGE  
 BKR BREAKER  
 C CONDUIT  
 CB CIRCUIT BREAKER  
 CIR CIRCUIT  
 CKT CIRCUIT  
 CO COMPANY  
 CTRL CONTROL  
 CU COPPER  
 DWG DRAWING  
 EA EACH  
 ELEC ELECTRIC(AL)  
 ENCL ENCLOSURE  
 EQUIP EQUIPMENT  
 ETR EXISTING TO REMAIN  
 FIXT FIXTURE  
 FT FOOT (FEET)  
 G, GND GROUND  
 GALV GALVANIZE(D)  
 GC GENERAL CONTRACTOR  
 GFI GROUND FAULT CIRCUIT INTERRUPTER  
 ID IDENTIFY, IDENTIFICATION  
 KVA KILO VOLT AMPERE  
 KW KILOWATT  
 LGT LIGHTING  
 LT(S) LIGHT(S)  
 LED LIGHT EMITTING DIODE  
 MCB MAIN CIRCUIT BREAKER  
 MFR MANUFACTURER  
 MT MOUNT  
 MTD MOUNTED  
 N NORTH  
 NEC NATIONAL ELECTRICAL CODE  
 No/# NUMBER  
 P POLE(S)  
 PNL PANEL  
 PWR POWER  
 Ø PHASE  
 PT PRESSURE TREATED  
 RECEPT RECEPTACLE  
 RGS RIGID GALVANIZED STEEL  
 RLY RELAY  
 SW SWITCH  
 TEMP TEMPORARY/TEMPERATURE  
 TMR TIMER  
 TYP TYPICAL  
 UON UNLESS OTHERWISE NOTED  
 V VOLT, VOLTS  
 VA VOLT-AMPERES  
 W WATT, WIRE  
 W/ WITH  
 WP WEATHERPROOF

**CODED NOTES**  
 (1) (2) #8, (1) #8G, FOR POLE T1.  
 (2) (2) #8, (1) #8G, FOR POLE T2.  
 (3) (2) #8, (1) #8G, FOR POLE T7.  
 (4) RELOCATE EXISTING POLE.  
 (5) PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.  
 (6) PROVIDE HANDHOLE (SEE DETAILS 2 ON E-701), INTERCEPT EXISTING CONDUIT AND WIRING. TERMINATE/CONNECT EXISTING CONNECTIONS INSIDE HANDHOLE TO FEED POLES T1, T2, AND T7.



**ELECTRICAL SITE PLAN**  
SCALE: 1" = 10'

**GENERAL NOTES**  
 1. PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.

LIGHTING FIXTURE SCHEDULE						
TAG	DISCRPTION	MOUNTING	LAMP(S)	VOLTS	MANUFACTURER & CATALOG NUMBER	COMMENTS
T1	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(1) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T2	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(1) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T3	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(1) 1200W, (1) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T4	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(1) 1200W, (1) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T5	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(2) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T6	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(2) 1200W, (1) 400W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T7	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(3) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T8	POLE MOUNTED SPORT LIGHT	EXISTING 45' POLE MOUNTED, TENNIS COURT	(2) 1200W, (1) 400W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	

LOCATION: CONWAY H.S. TENNIS COURT		PANEL ID: TE-LV-1		VOLTS, PHASE, WIRE: 240/120V, 1Ø, 3W	
MOUNTING: SURFACE		MOUNTING: SURFACE		MOUNTING: SURFACE	
SOURCE: UTILITY		SOURCE: UTILITY		SOURCE: UTILITY	
CKT	LOAD DESCRIPTION	CB AMPS/POLE	CONN LOAD KVA	CONN LOAD KVA	LOAD DESCRIPTION
1	CENTER COURT RECP	20/2	0.54	3.2	
3	LIGHT POLES T1 & T4	30/2	2.55	3.2	35/2 LIGHT POLES T7 & T8
5					
7					
9					
11					
13					
15					
17					
19					
21					
23					
NOTES:		3.09 2.55		3.20 3.20	
1. CIRCUITS 3,5 REPLACE WITH 30A/2P, TYPE OF BREAKER TO MATCH EXISTING.		TOTAL KVA		12.04	
2. CIRCUITS 2,4 REPLACE WITH 35A/2P, TYPE OF BREAKER TO MATCH EXISTING.					
3. PANEL IS SQUARE D QO LOAD CENTER.					

LOCATION: CONWAY H.S. TENNIS COURT		PANEL ID: TE-LV-2		VOLTS, PHASE, WIRE: 240/120V, 1Ø, 3W	
MOUNTING: SURFACE		MOUNTING: SURFACE		MOUNTING: SURFACE	
SOURCE: UTILITY		SOURCE: UTILITY		SOURCE: UTILITY	
CKT	LOAD DESCRIPTION	CB AMPS/POLE	CONN LOAD KVA	CONN LOAD KVA	LOAD DESCRIPTION
1					20/1 ?
3	LIGHT POLES T5 & T6	30/2	2.6	2.6	20/1 ?
5	CONTRACTOR CTRL PWR	20/1		2.55	30/2 LIGHT POLES T2 & T3
7	RECP ON PANEL TE-LV-2	20/1	0.18	2.55	
9	BASEBALL SCOREBOARD	20/1			20/1 GUARD SHACK
11					
13					
15					
17					
19					
21					
23					
NOTES:		2.60 2.78		2.55 2.55	
1. CIRCUITS 1,3 & 6,8 REPLCAE WITH 30A/2P, TYPE OF BREAKER TO MATCH EXISTING.		TOTAL KVA		10.48	
2. PANEL IS SQUARE D QO LOAD CENTER.					

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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER THE CONTENTS OF ANY ENGINEERING DRAWING OR SPECIFICATION. ANY SUCH ALTERATION SHALL BE CONSIDERED UNLAWFUL AND VOID. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN AND FOR THE SAFETY OF ANY PERSON OR PROPERTY THAT MAY BE AFFECTED BY THE USE OF THIS DRAWING.

CONWAY HIGH SCHOOL

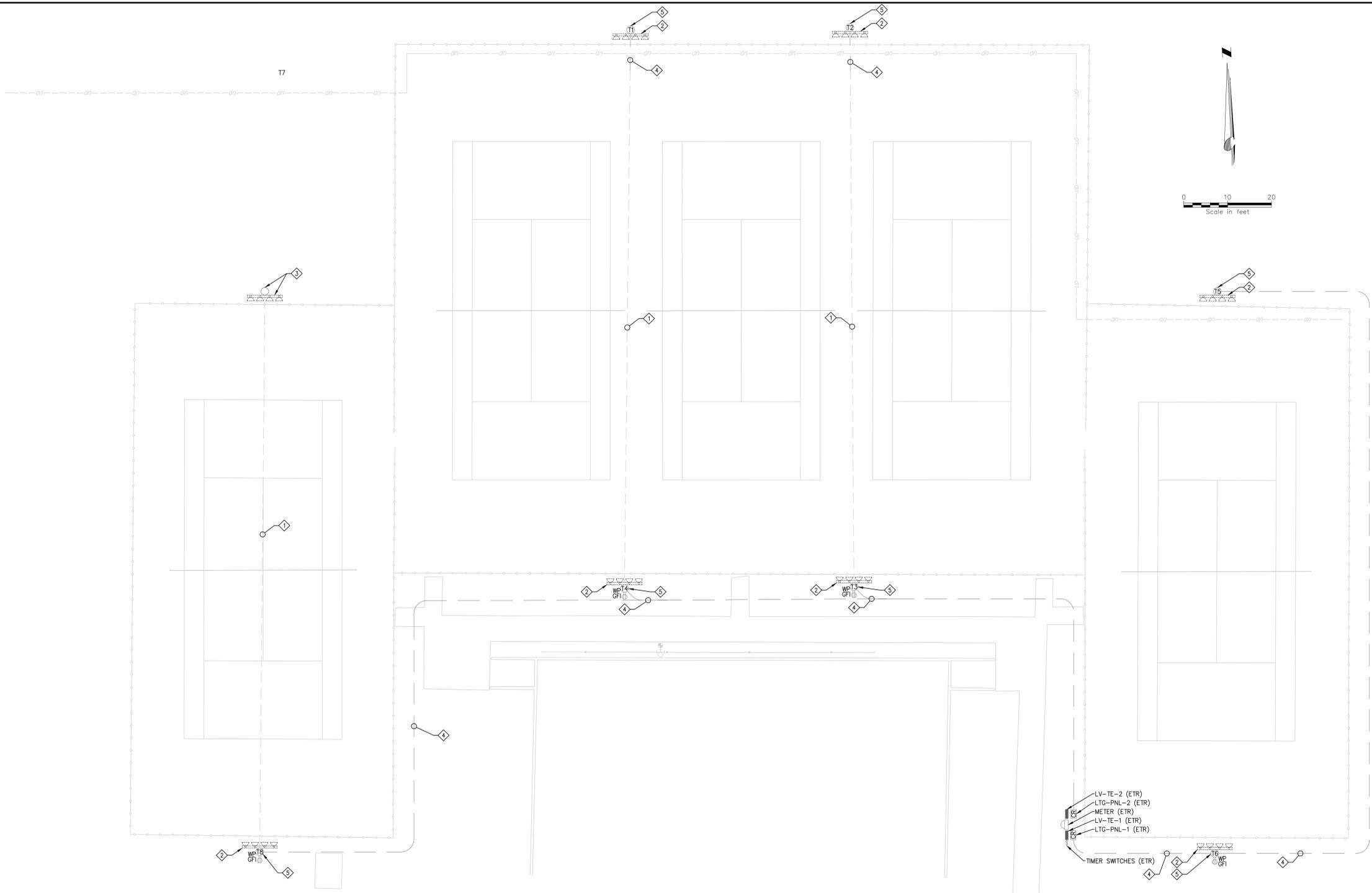
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submitted / Revision	Appr'd.	By	Date

ELECTRICAL DEMO PLAN

Designed By: JRH	Drawn By: JRH	Checked By: JD
Issue Date: 02/21/2020	Project No: 36108	Scale: AS SHOWN

Drawing No.  
**ED-001**



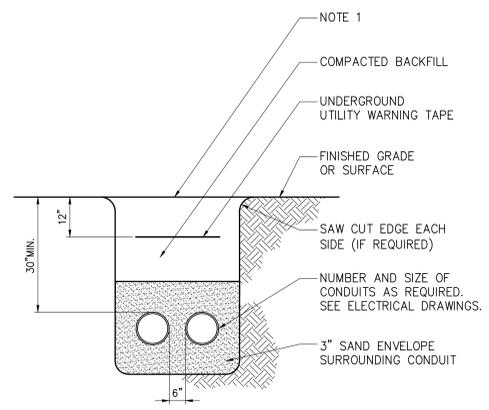
**ELECTRICAL SITE DEMO PLAN**  
SCALE: 1" = 10'

**CODED NOTES**

- 1 ABANDON CONDUIT AND WIRING, TERMINATE AND DISCONNECT CONNECTIONS AS NEEDED.
- 2 REMOVE EXISTING LIGHTING FIXTURES.
- 3 RELOCATE EXISTING LIGHTING FIXTURES, LIGHTING POLE, AND HANDHOLE. ABANDON UNDERGROUND CONDUIT AND WIRING.
- 4 PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING & EQUIPMENT. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.
- 5 MAINTAIN EXISTING LIGHT POLE

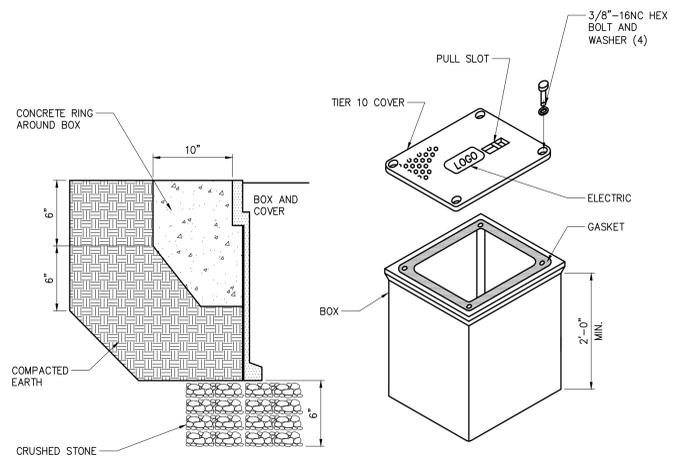
**GENERAL NOTES**

1. PROTECT AND MAINTAIN EXISTING ELECTRICAL WRING & EQUIPMENT. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.



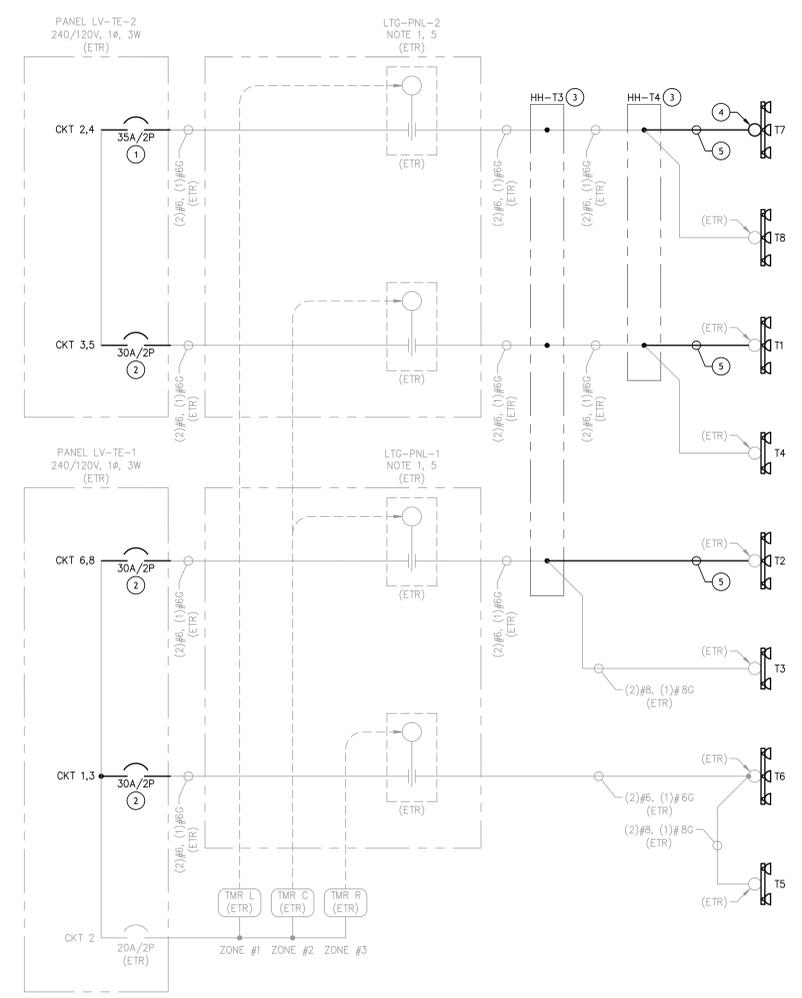
**NOTE**  
 1. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT, TOPSOIL AND GRASS.

**1 TYPICAL DIRECT BURIED CONDUIT(S) DETAIL**  
 - NOT TO SCALE



**NOTES**  
 1. SIZE HANDHOLE AT EACH LOCATION PER NEC. MINIMUM SIZE SHALL BE 18" X 18" X 24".  
 2. PROVIDE ALL CONDUITS WITH A PULL ROPE.  
 3. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT CONCRETE, TOPSOIL AND GRASS.

**2 HANDHOLE - DETAIL**  
 - NOT TO SCALE



**CODED NOTES**  
 ① REPLACE WITH 35A/2P, TYPE OF BREAKER TO MATCH EXISTING  
 ② REPLACE WITH 30A/2P, TYPE OF BREAKER TO MATCH EXISTING  
 ③ PROVIDE HANDHOLE (SEE DETAILS 2 ON E-701), INTERCEPT EXISTING CONDUIT AND WIRING. TERMINATE/CONNECT EXISTING CONNECTIONS INSIDE HANDHOLE TO FEED POLES T1, T2, T3, T4, T7, AND T8.  
 ④ RELOCATE EXISTING POLE.  
 ⑤ PROVIDE WIRE AND CONDUIT PER ELECTRICAL SITE PLAN DRAWING (E-001)  
 ⑥ PROTECT AND MAINTAIN EXISTING ELECTRICAL WIRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.

**3 TENNIS COURT LIGHTING - CONTROL DIAGRAM**  
 - NOT TO SCALE

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**CONWAY HIGH SCHOOL**  
 TENNIS COURT  
 ATHLETIC FACILITY  
 IMPROVEMENTS PROGRAM

No.	Submitted / Revision	Appr'd. By	Date

**ELECTRICAL DETAILS**

Designed By:	Drawn By:	Checked By:
JRH	JRH	JD
Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No.  
**E-701**

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CONWAY HIGH SCHOOL

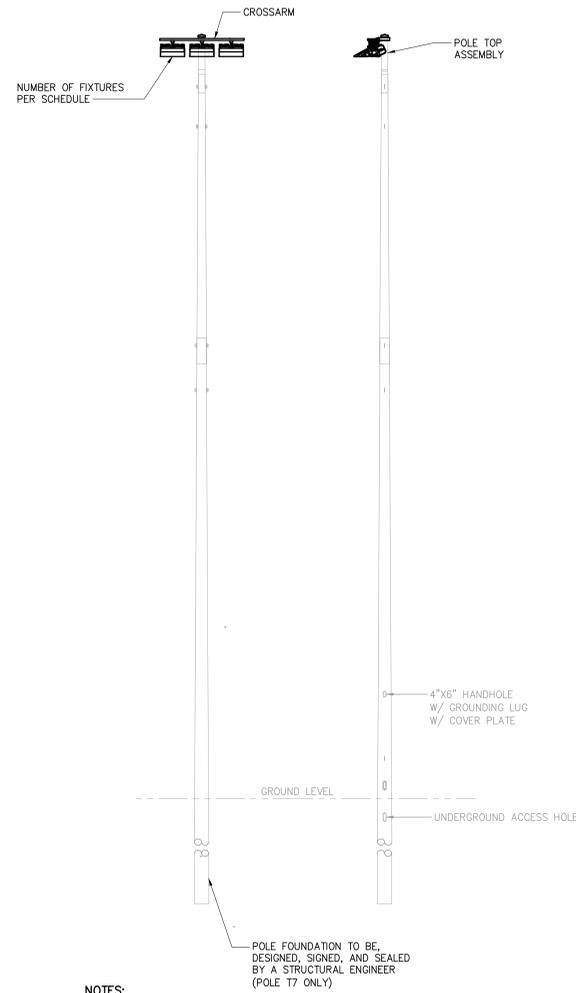
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submittal / Revision	App'd. By	Date

ELECTRICAL DETAILS

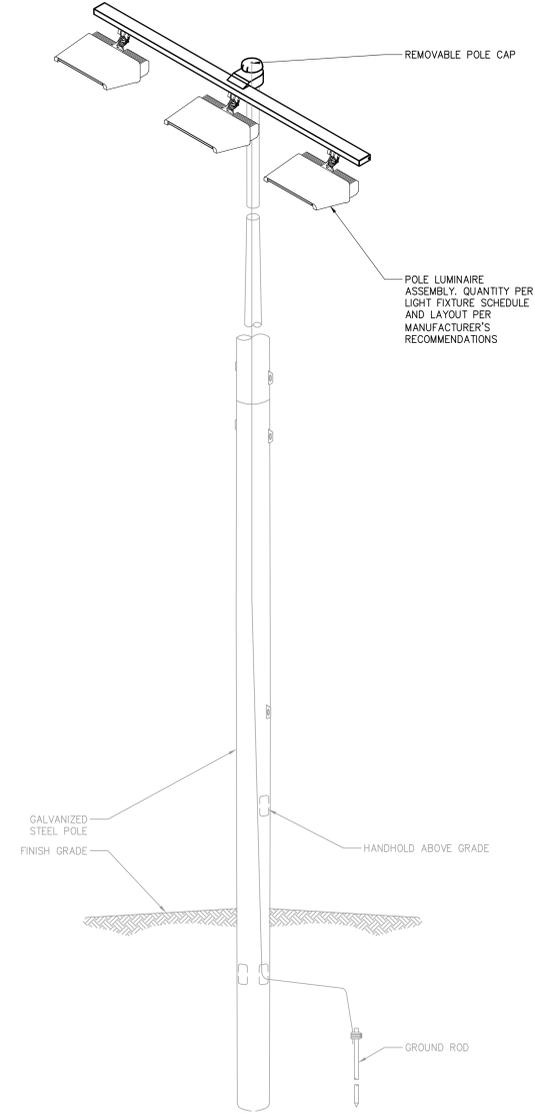
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Issue Date:	Project No.:	Scale:
02/21/2020	36108	AS SHOWN

Drawing No.  
**E-702**



- NOTES:**
- EXISTING POLE TO BE REUSED, CONTRACTOR TO INSPECT POLES, FOUNDATIONS, AND CERTIFY POLE CAN BE RETROFITTED WITH NEW LIGHTS.

**1 SPORTS LIGHTING POLE**  
NOT TO SCALE



- NOTES:**
- EXISTING POLE TO BE REUSED, CONTRACTOR TO INSPECT POLES, FOUNDATIONS, AND CERTIFY POLE CAN BE RETROFITTED WITH NEW LIGHTS.

**2 SPORTS LIGHTING POLE**  
NOT TO SCALE

# TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM



**HORRY COUNTY SCHOOLS  
OFFICE OF FACILITIES**  
1160 E. HIGHWAY 501  
CONWAY, SC 29526

**GREEN SEA FLOYDS HIGH SCHOOL**  
*February, 2020*



**SITE VICINITY MAP**  
SCALE: NOT TO SCALE



## 100% CONSTRUCTION DOCUMENTS

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C-002	DEMOLITION PLAN
C-100	LAYOUT PLAN
C-200	GRADING & DRAINAGE PLAN
C-500	SEDIMENT AND EROSION CONTROL PLAN PHASE I
C-501	SEDIMENT AND EROSION CONTROL PLAN PHASE II
C-502	SEDIMENT AND EROSION CONTROL DETAILS
C-601	SITE DETAILS
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ED-002	ELECTRICAL DEMO PLAN
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HORRY COUNTY  
SCHOOLS

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**GREEN SEA FLOYDS  
HIGH SCHOOL**  
  
TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

No.	Submitted / Revision	Appr.	By	Date

TITLE SHEET

Designed By:	Drawn By:	Checked By:
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Issue Date:	Project No.:	Scale:
02/21/2020	36106	AS SHOWN

Drawing No.:  
**G-000**

# SURVEY NOTES

1. THE MAP IS BASED ON A FIELD SURVEY COMPLETED BY DDC ENGINEERS IN JULY 2019
2. ELEVATIONS ARE REFERENCED TO THE NAVD 88 VERTICAL DATUM.



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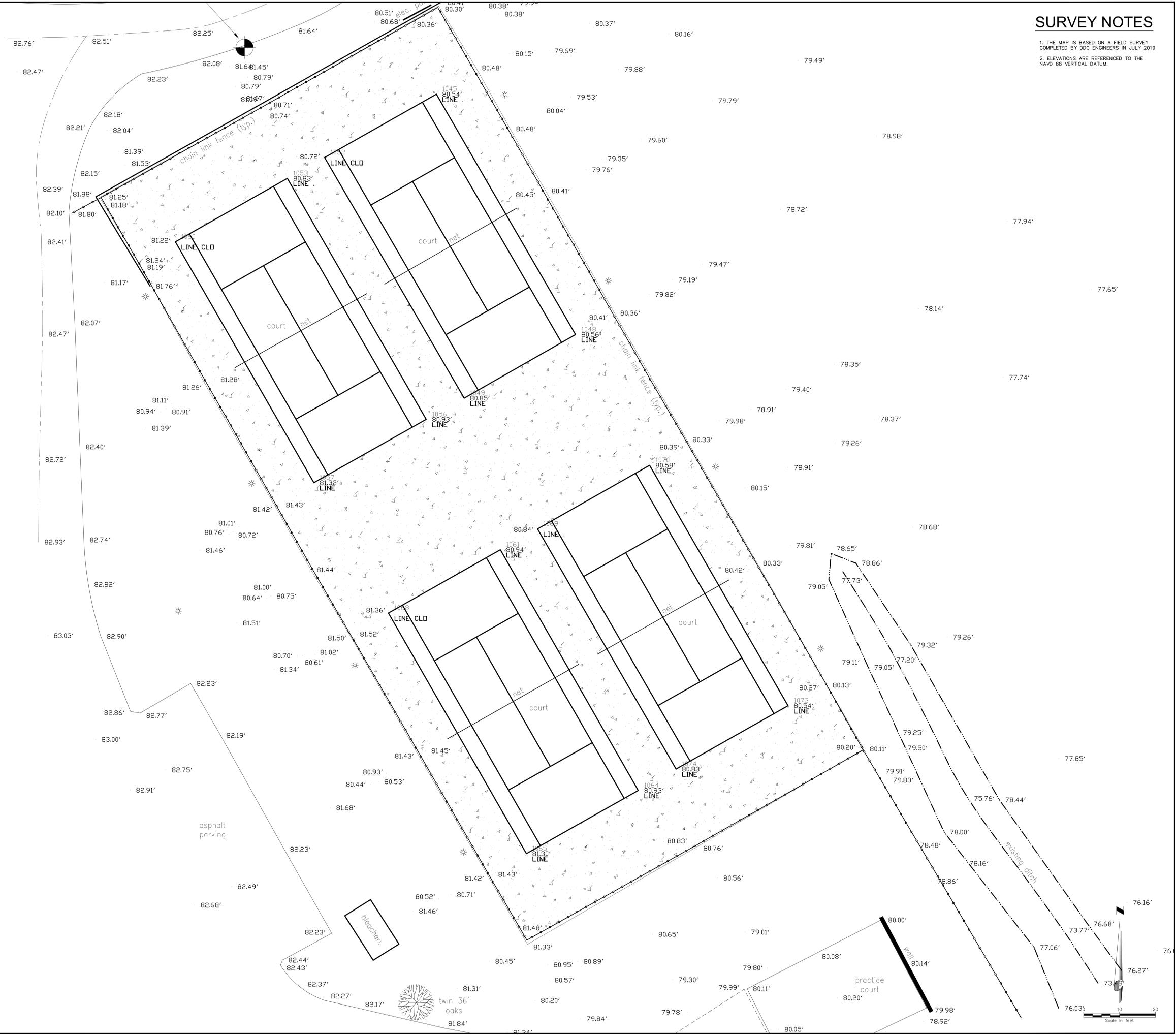
**GREEN SEA FLOYDS HIGH SCHOOL**  
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

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**EXISTING CONDITIONS**

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02/21/2020	36108	AS SHOWN

Drawing No. **C-001**



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Plotter: HP DesignJet 5000 Series Plotter



DDC ENGINEERS  
Consulting Engineers, Surveyors, Planners,  
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1298 Professional Dr., Myrtle Beach, SC 29577  
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**GRADING AND DRAINAGE**

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02/21/2020	36108	AS SHOWN

Drawing No.:  
**C-200**

**NOTES:**

--- APPROX. LIMITS OF DISTURBANCE

BLEND GRADES OUTSIDE NEW COURTS LIMITS TO EXISTING GRADES. MAINTAIN POSITIVE DRAINAGE AWAY FROM COURTS. TOPSOIL AND SEED ALL DISTURBED LIMITS, TYP.

BLEND GRADES OUTSIDE NEW COURTS LIMITS TO EXISTING GRADES. MAINTAIN POSITIVE DRAINAGE AWAY FROM COURTS. TOPSOIL AND SEED ALL DISTURBED LIMITS, TYP.

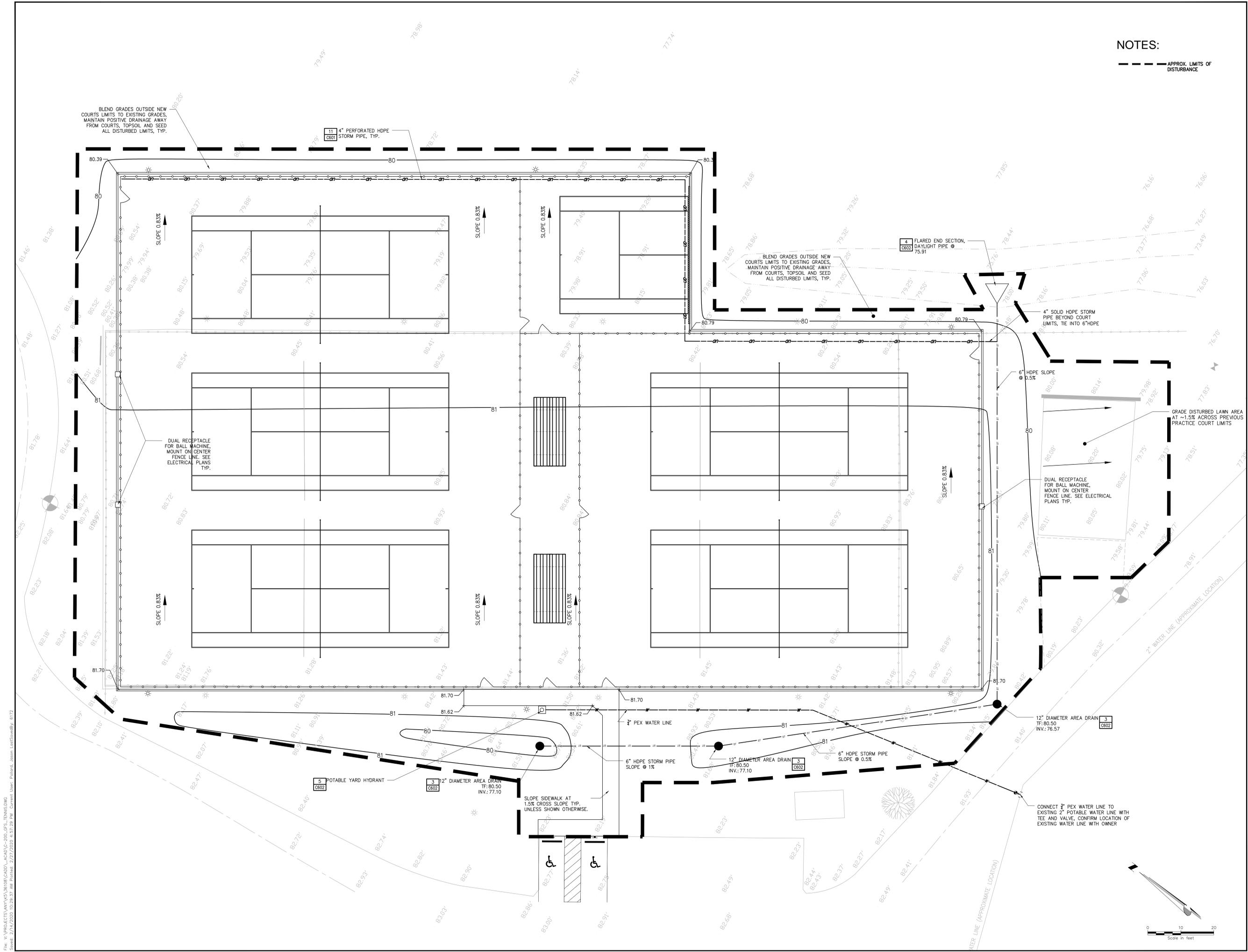
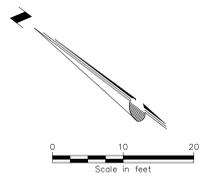
GRADE DISTURBED LAWN AREA AT ~1.5% ACROSS PREVIOUS PRACTICE COURT LIMITS

DUAL RECEPTACLE FOR BALL MACHINE. MOUNT ON CENTER FENCE LINE. SEE ELECTRICAL PLANS TYP.

DUAL RECEPTACLE FOR BALL MACHINE. MOUNT ON CENTER FENCE LINE. SEE ELECTRICAL PLANS TYP.

SLOPE SIDEWALK AT 1.5% CROSS SLOPE TYP. UNLESS SHOWN OTHERWISE.

CONNECT 3" PEX WATER LINE TO EXISTING 2" POTABLE WATER LINE WITH TEE AND VALVE. CONFIRM LOCATION OF EXISTING WATER LINE WITH OWNER



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EROSION CONTROL LEGEND

SYMBOL	PRACTICE	DESCRIPTION
IP	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
OP	OUTLET PROTECTION	RIP RAP CHANNEL / BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION, AND STABILIZE GRADES DOWNSTREAM OF OUTLET STRUCTURES.
CD	TEMPORARY CHECK DAM	RIP RAP BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OF DRAINAGE OUTLETS.
SF	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
SF	DOUBLE ROW SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
CL	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
ECB	PERMANENT EROSION CONTROL MATTING	A PERMANENT REINFORCEMENT MAT TO PREVENT SOIL EROSION AND MAINTAIN PERMANENT GROUND COVER.
Ds3	DISTURBED AREA STABILIZATION	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOO, OR LEGUMES ON DISTURBED AREAS.
ST	SEDIMENT TUBE	SEDIMENT TUBE PLACED IN EXISTING OR PROPOSED DITCH SECTIONS TO REDUCE THE VELOCITY OF FLOW, EROSION AND STABILIZE GRADES DOWN STREAM OR DRAINAGE OUTLETS.

SEEDING NOTES:

- INCLUDES RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS
- NOT REQUIRED ON SHOULDERS, MEDIANS, ETC., AND SLOPES UNDER 5 FEET IN HEIGHT
- GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED
- RESEEDING CRIMSON CLOVER SHALL BE INOCULATED IN ACCORDANCE WITH SUBSECTION 810.05 DO NOT PLANT CLOVER IN MEDIANS OR IN RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
- PENSACOLA BAHIA SHALL BE ALLOWED ONLY AS SHOWN IN SEEDING SCHEDULES 3 AND 4 AT THE RATE OF 50 POUNDS PER ACRE ONLY WHEN SEEDING PIT AREAS THAT ARE GOVERNED BY THE SOUTH CAROLINA MINING ACT. OTHERWISE, DO NOT INCLUDE BAHIA SEED IN THE MIX.
- THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.
- GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.

SEEDING SCHEDULE FOR TEMPORARY VEGETATION			
SCHEDULE NO.	COMMON NAME OF SEED	RATE PER ACRE (LBS.)	PLANTING DATES
1	COMMON BERMUDA (UNHALLED)	210	MARCH 15 TO AUG. 31
	TALL FESCUE	140	
2	COMMON BERMUDA (UNHALLED)	175	SEPT. 1 TO MARCH 15
	ANNUAL RYEGRASS	175	

NOTES:

THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

SEEDING SCHEDULE FOR PERMANENT VEGETATION				
SCHEDULE NO.	COMMON NAME OF SEED	RURAL RATE	URBAN RATE	PLANTING DATES
3	COMMON BERMUDA (UNHALLED)	30	30	MARCH 1 TO AUG. 14
	WEeping LOVEGRASS <sup>1</sup>	10	10	
	SERICIA LESPEDEZA (SCARIFIED) <sup>2</sup>	50	50	
4	COMMON BERMUDA (UNHALLED)	40	40	AUG. 5 TO FEB. 28
	WEeping LOVEGRASS <sup>1</sup>	10	10	
	SERICIA LESPEDEZA (UNHALLED, UNSCARIFIED) <sup>2</sup>	80	80	
	RESEEDING CRIMSON CLOVER <sup>3</sup>	20	0	
	RYE GRAIN	20	0	

NOTES:

- INCLUDES RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS
- NOT REQUIRED ON SHOULDERS, MEDIANS, ECT., AND SLOPES UNDER 5 FEET IN HEIGHT
- GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED
- RESEEDING CRIMSON CLOVER SHALL BE INOCULATED IN ACCORDANCE WITH SUBSECTION 810.05. DO NOT PLANT CLOVER IN MEDIANS OR IN RURAL AREAS ADJACENT TO WELL-DEVELOPED LAWNS.
- PENSACOLA BAHIA SHALL BE ALLOWED ONLY AS SHOWN IN SEEDING SCHEDULES 3 AND 4 AT THE RATE OF 50 POUNDS PER ACRE ONLY WHEN SEEDING PIT AREAS THAT ARE GOVERNED BY THE SOUTH CAROLINA MINING ACT. OTHERWISE, DO NOT INCLUDE BAHIA SEED IN THE MIX.

THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

THE CONTRACTOR MAY INCLUDE QUANTITIES OF RYE GRAIN AND MILLET IN SCHEDULE 1 AND 3 IN ORDER TO ESTABLISH QUICK GROUND COVER FOR EROSION CONTROL PURPOSES.

SEEDING SCHEDULE FOR TEMPORARY VEGETATION			
SCHEDULE NO.	COMMON NAME OF SEED	RATE PER ACRE (LBS.)	PLANTING DATES
1	ANNUAL SUDAN GRASS (SWEET OR TIFF)	40	APRIL 1, AUGUST 15
2	BROWN TOP MILLET	50	APRIL 1, AUGUST 15
3	RYE GRAIN	55	AUGUST 16, MARCH 31

OAT GRAIN IS TO BE ADDED TO ALL SCHEDULES, IF SEEDING DATE IS BETWEEN MARCH 1 AND APRIL 16, AT THE RATE OF 10 POUNDS PER ACRE.

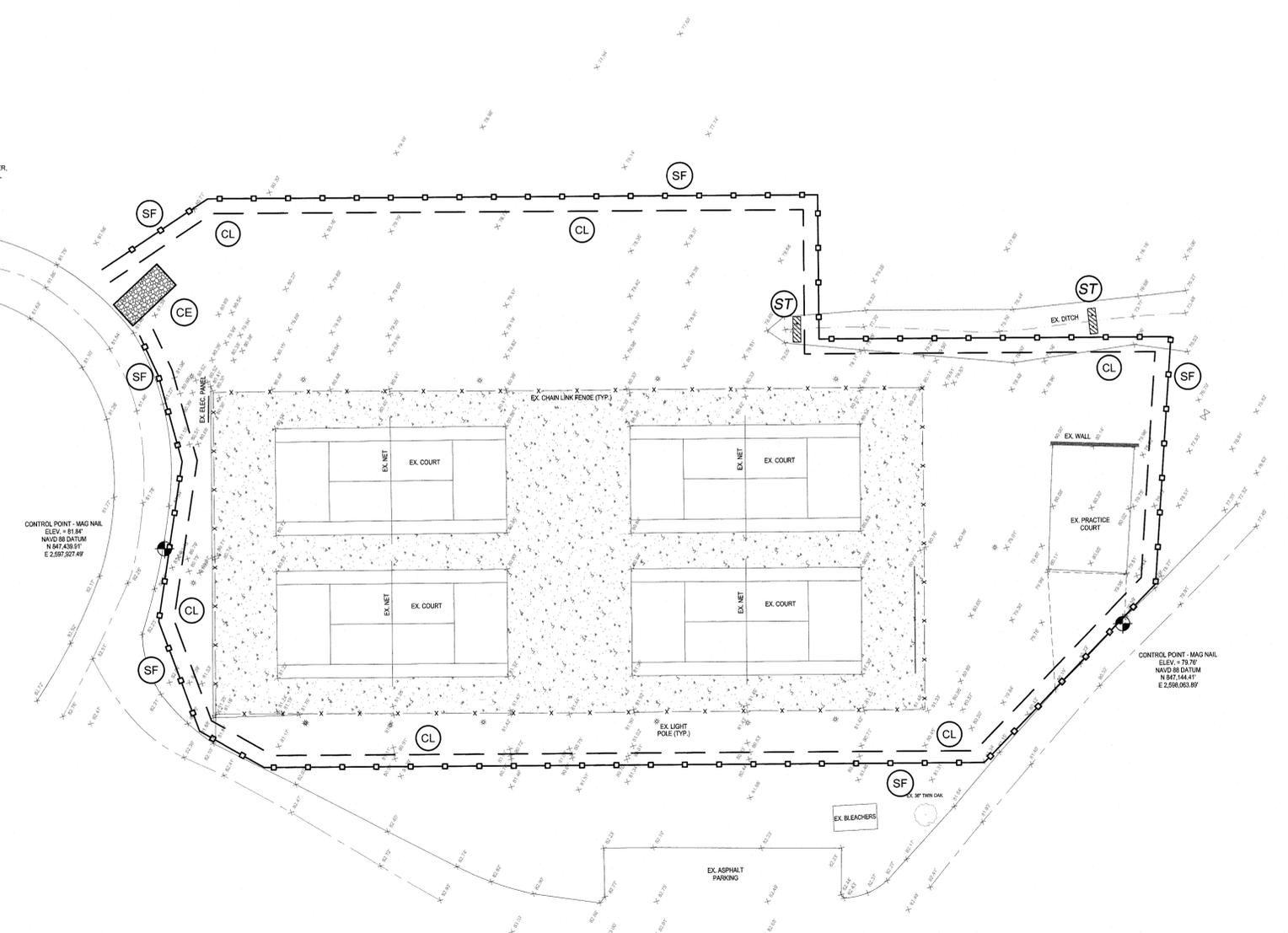
THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF VEGETATION THAT IS CAPABLE OF EROSION CONTROL. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED RESULTS. THE TEMPORARY VEGETATION SHALL PROVIDE MINIMUM DENSITY COVERAGE OF 70% OF THE SEEDING AREA.

EROSION CONTROL NOTES:

- TOTAL DEVELOPMENT AREA: 1.25 ± ACRES
- DISTURBED AREA THIS PHASE: 0.36 ± ACRES
- 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 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 CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND 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 OFF SITE 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 ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR 10000.
- 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.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50 FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10 FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- 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 WATERS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTION RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
  - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
  - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS
  - CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
  - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND
  - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURBS 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.
- EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INDICATORS IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.
- FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES, AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR OCRM WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
- ALL LAND DISTURBING ACTIVITIES REQUIRE COMPLIANCE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES (PERMIT NO. SCR100000). ANY NONCOMPLIANCE WITH THESE REGULATIONS IS A VIOLATION OF THE FEDERAL CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY Horry County OR SCDEC.
- CONTRACTOR SHALL PROVIDE A WATER TIGHT ENCLOSURE FOR STORAGE OF THE OCRM CERTIFIED PLANS AND INSPECTION REPORTS. ENCLOSURE SHALL BE LOCATED IN AN AREA ACCESSIBLE TO REGULATORY PERSONNEL.
- ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.
- ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.

CONSTRUCTION SEQUENCE:

- CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WITHIN AND IMMEDIATELY ADJACENT TO PROJECT AREA.
- INSTALL CONSTRUCTION ENTRANCE.
- INSTALL PERIMETER EROSION CONTROL DEVICES, INCLUDING ALL TREE PROTECTION.
- DEMO EXISTING TENNIS COURTS AND APPURTENANCES.



SCALE IN FEET  
0 10 20 40

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1200 Professional Drive  
Myrtle Beach, SC 29577-5886  
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Horry County  
SCHOOLS  
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1160 E. HIGHWAY 501  
CONWAY, SC 29526



GREEN SEA FLOYDS  
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TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

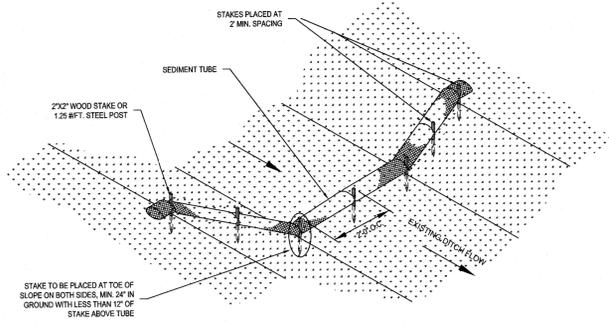
SEDIMENT AND EROSION  
CONTROL PLAN  
PHASE I

No.	Submittal / Revision	App'd	By	Date

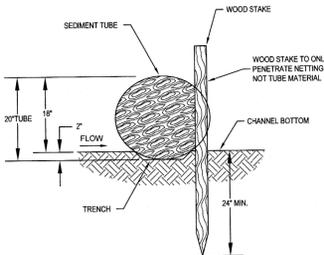
Designed By: EKS  
Issue Date: 1/31/20  
Drawn By: PES  
Project No: 19062E  
Checked By: EKS  
Scale: 1" = 20'

Drawing No:  
**C-500**





**SEDIMENT TUBE CHECK DAM DETAIL (NO BLANKET)**



**STAKE DETAIL (WITH TRENCH)**

**SEDIMENT TUBES - GENERAL NOTES**

- SEDIMENT TUBES MAY BE INSTALLED ALONG CONTOURS, IN DRAINAGE CONVEYANCE CHANNELS, AND AROUND INLETS TO HELP PREVENT OFF SITE DISCHARGE OF SEDIMENT LADEN STORM WATER RUNOFF.
- SEDIMENT TUBES ARE ELONGATED TUBES OF COMPACTED GEOTEXTILES, CURLED EXCELSIOR WOOD, NATURAL COCONUT FIBER, OR HARDWOOD MULCH. STRAW, PINE NEEDLES AND LEAF MULCH FILLED SEDIMENT TUBES ARE NOT PERMITTED.
- THE OUTER NETTING OF THE SEDIMENT TUBE SHOULD CONSIST OF SEAMLESS, HIGH DENSITY POLYETHYLENE PHOTODEGRADABLE MATERIALS TREATED WITH ULTRAVIOLET STABILIZERS OR A SEAMLESS, HIGH DENSITY POLYETHYLENE NON DEGRADABLE MATERIAL.
- SEDIMENT TUBES, WHEN USED AS CHECKS WITHIN CHANNELS, SHOULD RANGE BETWEEN 18 INCHES AND 24 INCHES DEPENDING ON CHANNEL DIMENSIONS. DIAMETERS OUTSIDE THIS RANGE MAY BE ALLOWED WHERE NECESSARY WHEN APPROVED.
- CURLED EXCELSIOR WOOD, OR NATURAL COCONUT PRODUCTS THAT ARE ROLLED UP TO CREATE A SEDIMENT TUBE ARE NOT ALLOWED.
- SEDIMENT TUBES SHOULD BE STAKED USING WOODEN STAKES (2" x 2") OR STEEL POSTS (STANDARD 1" OR 1 1/2" SECTIONS WITH A MINIMUM HEIGHT OF 1.25 POUNDS PER FOOT) AT A MINIMUM OF 48 INCHES LENGTH PLACED ON 2 FOOT CENTERS.
- INSTALL ALL SEDIMENT TUBES TO ENSURE THAT NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE TUBE. MANUFACTURERS RECOMMENDATIONS SHOULD ALWAYS BE CONSULTED BEFORE INSTALLATION.
- THE ENDS OF ADJACENT SEDIMENT TUBES SHOULD BE OVERLAPPED 8 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT.
- SEDIMENT TUBES SHOULD NOT BE STACKED ON TOP OF ONE ANOTHER, UNLESS RECOMMENDED BY MANUFACTURERS.
- EACH SEDIMENT TUBE SHOULD BE INSTALLED IN A TRENCH WITH A DEPTH EQUAL TO 1/5 THE DIAMETER OF THE SEDIMENT TUBE.
- SEDIMENT TUBES SHOULD CONTINUE UP THE SIDE SLOPES A MINIMUM OF 1 FOOT ABOVE THE DESIGN FLOW DEPTH OF THE CHANNEL.
- INSTALL STAKES AT A DIAGONAL FACING INCOMING RUNOFF.

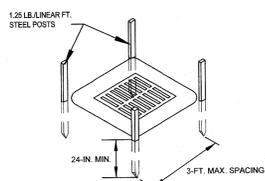
**SEDIMENT TUBES - INSPECTION & MAINTENANCE**

- THE KEY TO FUNCTIONAL SEDIMENT TUBES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.
- REGULAR INSPECTIONS OF SEDIMENT TUBES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATIONS IN FRONT OF THE SEDIMENT TUBE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SEDIMENT TUBE.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- LARGE DEBRIS, TRASH AND LEAVES SHOULD BE REMOVED FROM IN FRONT OF TUBES WHEN FOUND.
- IF EROSION CAUSES THE EDGES TO FALL TO A HEIGHT EQUAL TO OR BELOW THE HEIGHT OF THE SEDIMENT TUBE, REPAIRS SHOULD BE MADE IMMEDIATELY TO PREVENT RUNOFF FROM BYPASSING TUBE.
- SEDIMENT TUBES SHOULD BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN COMPLETELY STABILIZED. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH SEDIMENT TUBES HAVE BEEN REMOVED.

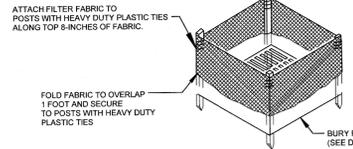
**SEDIMENT TUBE SPACING**

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150-FEET
2%	100-FEET
3%	75-FEET
4%	50-FEET
5%	40-FEET
6%	30-FEET
GREATER THAN 6%	25-FEET

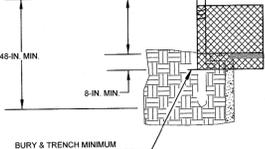
**ST SEDIMENT TUBE DETAIL**  
SCALE: N.T.S.



**POST INSTALLATION DETAIL**



**FILTER FABRIC INSTALLATION DETAIL**



**FILTER FABRIC BURIAL DETAIL**

**TYPE A - POST REQUIREMENTS**

1. SILT FENCE POSTS MUST BE 48 INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS:
  - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
  - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38 INCHES AND A NOMINAL "T" LENGTH OF 1.48 INCHES.
  - WEIGH 1.25 POUNDS PER FOOT (85%).
2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
3. INSTALL POSTS TO A MINIMUM OF 24 INCHES. A MINIMUM HEIGHT OF 1 TO 2 INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
4. POST SPACING SHALL BE AT A MAXIMUM OF 3 FEET ON CENTER.

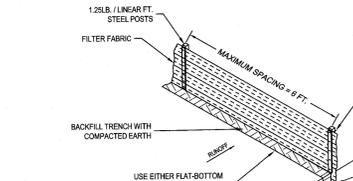
**TYPE A - FILTER FABRIC REQUIREMENTS**

1. SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
  - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.
  - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION.
  - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES, AND,
  - HAVE A MINIMUM WIDTH OF 36 INCHES.
2. USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. 12 INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24 INCHES ABOVE THE GROUND.

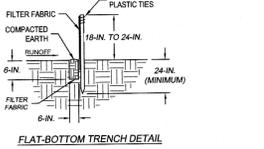
**TYPE A - INSPECTION & MAINTENANCE**

1. THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24 HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE FILTER FABRIC IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE FILTER FABRIC. WHEN A SUMP IS INSTALLED IN FRONT OF THE FABRIC, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE SUMP.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE FILTER FABRIC, BENEATH THE FILTER FABRIC, OR WHERE THE FABRIC HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE INLET PROTECTION.
7. CHECK FOR TEARS WITHIN THE FILTER FABRIC, AREAS WHERE FABRIC HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE INLET PROTECTION INEFFECTIVE. REMOVE DAMAGED FABRIC AND REINSTALL NEW FILTER FABRIC IMMEDIATELY.
8. INLET PROTECTION STRUCTURES SHOULD BE REMOVED AFTER ALL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.

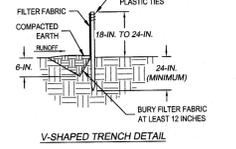
**IP INLET PROTECTION**  
SCALE: N.T.S.



**SILT FENCE INSTALLATION**



**FLAT-BOTTOM TRENCH DETAIL**



**V-SHAPED TRENCH DETAIL**

**SILT FENCE - GENERAL NOTES:**

- DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
- MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100 FEET.
- MAXIMUM SLOPE STEEPNESS (NORMAL TO PERPENDICULAR) TO THE FENCE LINE SHALL BE 2:1.
- SILT FENCE JOINTS, WHEN NECESSARY SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS:
  - WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST.
  - WITH A 1 FOOT MINIMUM OVERLAP.
  - OVERLAP SILT FENCE BY INSTALLING 3 FEET PAST THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH ROLL TO NEW ROLL WITH HEAVY DUTY PLASTIC TIES, OR
  - OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
- ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8 INCHES OF THE FABRIC.
- INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORM WATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEAN OUT.
- INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED / INSTALLED SILT FENCE.

**SILT FENCE - POST REQUIREMENTS**

1. SILT FENCE POSTS MUST BE 48 INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS:
  - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
  - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38 INCHES AND A NOMINAL "T" LENGTH OF 1.48 INCHES.
  - WEIGH 1.25 POUNDS PER FOOT (85%).
2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
3. STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE YIELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17 SQUARE INCHES AND BE COMPOSED OF 15 GAUGE STEEL. AT A MINIMUM, THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
4. INSTALL POSTS A MINIMUM OF 24 INCHES. A MINIMUM HEIGHT OF 1 TO 2 INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
5. POST SPACING SHALL BE AT A MAXIMUM OF 6 FEET ON CENTER.

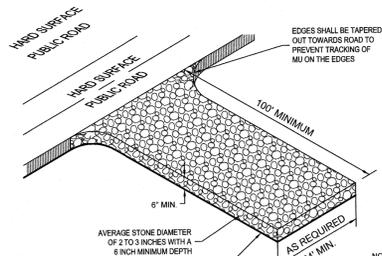
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  - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION.
  - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES, AND,
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5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24 INCHES ABOVE THE GROUND.

**SILT FENCE - INSPECTION & MAINTENANCE**

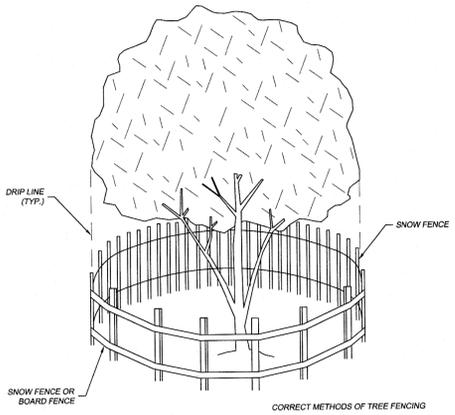
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3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.
7. CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVE DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.
8. SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

**SF CONSTRUCTION OF A SILT FENCE**  
SCALE: N.T.S.



**NOTE:**  
INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE. ENTRANCES SHALL COMPLY WITH SC DOT STANDARD DRAWING 851-115-01.

**CE STABILIZED CONSTRUCTION ENTRANCE**  
SCALE: N.T.S.



**SCALE: N.T.S.**

**TREE PROTECTION**

CHA  
1316 Professional Drive  
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HORRY COUNTY SCHOOLS  
OFFICE OF FACILITIES  
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CONWAY, SC 29526

SOUTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
DDC ENGINEERS, INC.  
No. 000008

SOUTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
ERIC K. SANFORD  
No. 29814

GREEN SEA FLOYDS  
HIGH SCHOOL  
TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

No.	Submitted / Revision	App'd.	By	Date

**SEDIMENT AND EROSION CONTROL DETAILS**

Designed By:	Drawn By:	Checked By:
EKS	PES	EKS
Issue Date:	Project No.:	Scale:
1/31/20	19082E	NO SCALE

Drawing No.:  
**C-502**





IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED PROFESSIONAL ENGINEER, TO SEAL OR SIGN ANY DRAWING OR SPECIFICATION FOR CONSTRUCTION OF A BUILDING OR STRUCTURE WITHOUT BEING A LICENSED PROFESSIONAL ENGINEER. ANY PERSON WHOSE NAME IS LISTED AS A DESIGNER OR DESIGNER-IN-CHARGE ON ANY DRAWING OR SPECIFICATION FOR CONSTRUCTION OF A BUILDING OR STRUCTURE SHALL SIGN THE DOCUMENT AND INCLUDE THE NOTATION LISTED BY FOLLOWING IN THIS SCHEDULE, THE DATE OF SUCH SIGNATURE, AND A BRIEF DESCRIPTION OF THE SIGNATURE.

GREEN SEA FLOYDS  
HIGH SCHOOL  
TENNIS COURT  
ATHLETIC FACILITY  
IMPROVEMENTS PROGRAM

No.	Submitted / Revision	App'd	By	Date

ELECTRICAL  
LEGEND

Designed By: JRH	Drawn By: JRH	Checked By: JD
Issue Date: 02/21/2020	Project No: 36108	Scale: AS SHOWN

Drawing No.:  
**E-001**

**ABBREVIATIONS**

A	AMPERE
AC	ALTERNATING CURRENT
AF	AMPERE FRAME
AFF/G	ABOVE FINISHED FLOOR/GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AT	AMPERE TRIP
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BTM	BOTTOM
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CB	CIRCUIT BREAKER
CIR	CIRCUIT
CKT	CIRCUIT
E	CENTER LINE
CO	COMPANY
COMM	COMMUNICATIONS
CONN	CONNECTION, CONNECT
CTRL	CONTROL
CU	COPPER
△	DELTA CONNECTION
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DIV	DIVISION
DN	DOWN
DWG	DRAWING
EA	EACH
EF	EXHAUST FAN
EL	ELEVATION
ELEC	ELECTRICAL
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EXT	EXTERIOR
F	FUSE(D)
FC	FOOTCANDLES
FIXT	FIXTURE
FLR	FLOOR
FT	FOOT (FEET)
FUT	FUTURE
G, GND	GROUND
GALV	GALVANIZE(D)
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HGT	HEIGHT
HPS	HIGH PRESSURE SODIUM
HTR	HEATER
HV	HIGH VOLTAGE
HW	HOT WATER
ID	IDENTIFY, IDENTIFICATION
INCAND	INCANDESCENT
J-BOX	JUNCTION BOX
JCT	JUNCTION
KCM/Kcmil	THOUSAND CIRCULAR MILS
KVA	KILO VOLT AMPERE
KW	KILOWATT
LGT	LIGHTING
LYCS	LIGHT(S)
LED	LIGHT EMITTING DIODE
L	LOUVER
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MC	METAL CLAD CABLE
MFR	MANUFACTURER
MH	METAL HALIDE
MECH	MECHANICAL
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MT	MOUNT
MTD	MOUNTED
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NL	NIGHT LIGHT
No./#	NUMBER
OL	OVERLOAD
P	POLE(S)
PNL	PANEL
PR	PAIR
PR1	PRIMARY
PWR	POWER
φ	PHASE
PT	PRESSURE TREATED
RECEPT	RECEPTACLE
RCS	RIGID GALVANIZED STEEL
RELAY	RELAY
RM	ROOM
SEC	SECONDARY
SH	SHIELDED
SW	SWITCH
TEMP	TEMPORARY/TEMPERATURE
TB	TERMINAL BOARD
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT, VOLTS
VA	VOLT-AMPERES
W	WATT, WIRE
W/	WITH
WP	WEATHERPROOF
XFMR/T	TRANSFORMER
Y	WYE CONNECTION

**LIGHTING**  
REFER TO LIGHTING FIXTURE SCHEDULE FOR TYPE, LAMP, BALLAST, POWER REQUIREMENTS, MOUNTING HEIGHT AND MANUFACTURER.  
SINGLE POLE LIGHT SWITCH, SUBSCRIPT DENOTES:  
-3=3 WAY SWITCH  
-4=4 WAY SWITCH  
-O=OCCUPANCY WALL SWITCH  
-D=DIMMER SWITCH  
-L=LOWER CASE LETTER DENOTES CONTROL OF FIXTURE(S) AND/OR LAMPS WITH MATCHING LETTER  
SPORT LIGHTING  
SITE LIGHT

**DEVICES AND APPURTENANCES**  
SINGLE POLE TOGGLE SWITCH  
DUPLEX RECEPTACLE  
TWO - 20 AMP DUPLEX RECEPTACLES UNDER SINGLE COVER  
MANUAL TRANSFER OR SELECTOR DEVICE

**RACEWAYS**  
CONDUIT CONCEALED OR EXPOSED AS SPECIFIED  
CONDUIT TURNING UP  
CONDUIT TURNING DOWN  
HOMERUN BACK TO PANEL (PANEL AND CIRCUITS INDICATED)  
CIRCUIT CONTINUED OR CONNECTED TO EQUIPMENT AS INDICATED  
UNDERGROUND CONDUIT  
GROUND CONDUCTOR  
GROUNDING CONDUCTOR TERMINATION POINT AT SERVICE EQUIPMENT  
INDICATES EXISTING DEVICES OR EQUIPMENT

**POWER DISTRIBUTION EQUIPMENT**  
SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD 208/120V, 3φ, 4W, UON  
RECESSED BRANCH CIRCUIT PANELBOARD 208/120V, 3φ, 4W, UON  
SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD 480/277V, 3φ, 4W, UON  
RECESSED BRANCH CIRCUIT PANELBOARD 480/277V, 3φ, 4W, UON  
DISTRIBUTION PANEL  
NON-FUSED SAFETY SWITCH DISCONNECT RATING/POLES  
CONTROL RELAY PANEL

**GENERAL**  
NUMBER IN CIRCLE, WITH OR WITHOUT ARROW OR LEADER, REFER TO MATCHING NUMBERED CODED NOTE  
NUMBER IN DIAMOND, WITH OR WITHOUT ARROW OR LEADER; REFER TO THE DEMOLITION CODED NOTE WITH THE MATCHING NUMBER  
DETAIL CALLOUT

**GENERAL NOTES**  
1. REFER TO CIVIL DRAWINGS FOR SYMBOLS ASSOCIATED WITH WORK, EQUIPMENT, ETC. BY OTHER(S).  
2. ALL WORK SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE BY THE ELECTRICAL CONTRACT UNLESS OTHERWISE INDICATED.  
3. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC UON. EXACT LOCATION OF ALL CONDUIT RUNS SHALL BE DETERMINED IN THE FIELD. COORDINATE INSTALLATIONS AND AVOID CONFLICT WITH PIPING, DUCTWORK, ACCESS DOORS AND WORK BY OTHER TRADES.  
4. GENERAL NOTES APPLY TO ALL ELECTRICAL CONTRACT DRAWINGS.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED PROFESSIONAL ENGINEER, TO SEAL OR SIGN ANY DRAWING OR SPECIFICATION TO WHICH THEY ARE NOT A LICENSED PROFESSIONAL ENGINEER. ANY PERSON WHOSE NAME APPEARS HEREON AS HAVING PREPARED, DESIGNED, OR DRAWN THIS DOCUMENT AND WHO IS NOT A LICENSED PROFESSIONAL ENGINEER SHALL BE CONSIDERED TO HAVE ACCEPTED THE RESPONSIBILITY OF A PROFESSIONAL ENGINEER. THE DATE OF SUCH ACCEPTANCE SHALL BE THE DATE OF SUCH SIGNATURE AND A CORRECT DESCRIPTION OF THE SIGNATURE.

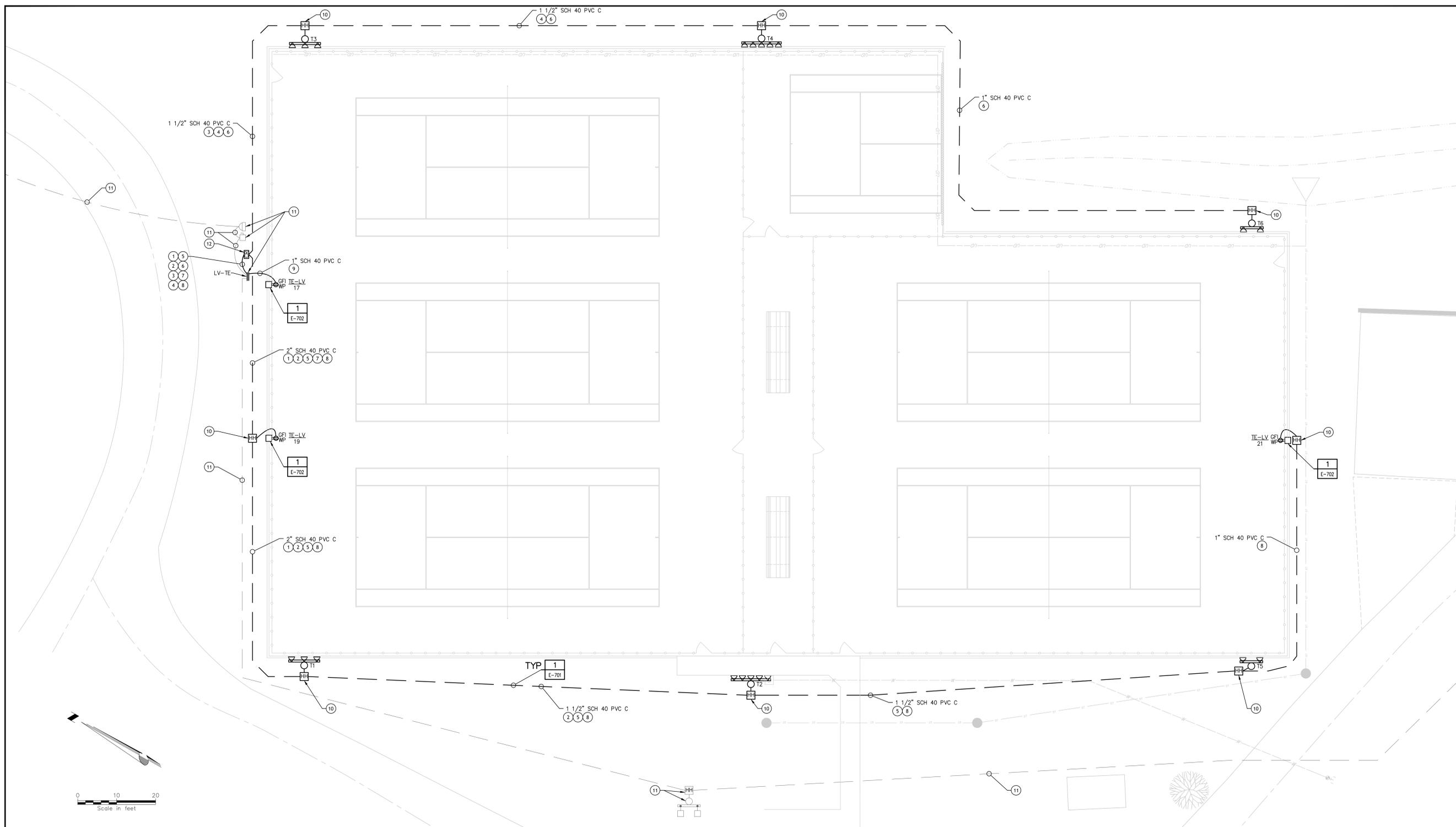
**GREEN SEA FLOYDS HIGH SCHOOL**  
TENNIS COURT ATHLETIC FACILITY IMPROVEMENTS PROGRAM

No.	Submitted	Revision	App'd	By	Date

**ELECTRICAL SITE PLAN**

Designed By: JRH	Drawn By: JRH	Checked By: JD
Issue Date: 02/21/2020	Project No: 36108	Scale: AS SHOWN

Drawing No.:  
**E-002**



**ELECTRICAL SITE PLAN**  
SCALE: 1" = 10'

**GENERAL NOTES**

- PROTECT AND MAINTAIN EXISTING ELECTRICAL WIRING. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.

LIGHTING FIXTURE SCHEDULE						
TAG	DISCRIPTION	MOUNTING	LAMP(S)	VOLTS	MANUFACTURER & CATALOG NUMBER	COMMENTS
T1	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(1) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T2	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(3) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T3	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(1) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T4	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(3) 1200W, (2) 900W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T5	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(2) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	
T6	POLE MOUNTED SPORT LIGHT	50' POLE MOUNTED, TENNIS COURT	(2) 1200W	240VAC	MUSCO, LED SPORTS LIGHTING OR APPROVED EQUAL	

**CODED NOTES**

- (2) #8, (1) #8G, FOR POLE T1 FROM LIGHTING CONTROL PANEL.
- (2) #6, (1) #6G, FOR POLE T2 FROM LIGHTING CONTROL PANEL.
- (2) #8, (1) #8G, FOR POLE T3 FROM LIGHTING CONTROL PANEL.
- (2) #6, (1) #6G, FOR POLE T4 FROM LIGHTING CONTROL PANEL.
- (2) #8, (1) #8G, FOR POLE T5 FROM LIGHTING CONTROL PANEL.
- (2) #8, (1) #8G, FOR POLE T6 FROM LIGHTING CONTROL PANEL.
- (2) #10, (1) #10G, FOR NW RECEPTACLE FROM TE-LV PANEL CKT 19.
- (2) #6, (1) #6G, FOR SOUTH RECEPTACLE FROM TE-LV PANEL CKT 21.
- (2) #10, (1) #10G, FOR NE RECEPTACLE FROM TE-LV PANEL CKT 17.
- PROVIDE HANDHOLE (SEE DETAILS 2 ON E-701) AND 1" SCHEDULE PVC CONDUIT WITH WIRE AS SHOWN ON CODED NOTES 1-8.
- PROTECT AND MAINTAIN EXISTING ELECTRICAL WIRING & EQUIPMENT. REPAIR ANY DAMAGED CONDUIT/WIRING AND OR ELECTRICAL BOXES IN KIND.
- PROVIDE LIGHTING CONTROL PANEL (SEE DETAILS 3 & 4 ON E-701)

LOCATION: GREEN SEA FLOYDS H.S. TENNIS COURT		MOUNTING: SURFACE		SOURCE: UTILITY		PANEL ID: TE-LV		EXISTING		VOLTS, PHASE, WIRE: 240/120V, 1Ø, 3W		MAINS: 100A		SHORT CIRCUIT RATING: 10 kA	
CKT	LOAD DESCRIPTION	CB AMPS/POLE	CONN LOAD KVA	CONN LOAD KVA	CONN LOAD KVA	CONN LOAD KVA	CONN LOAD KVA	CB AMPS/POLE	LOAD DESCRIPTION	CKT	CONN LOAD KVA	CONN LOAD KVA	CONN LOAD KVA	CONN LOAD KVA	CB AMPS/POLE
1	LIGHTS (T1)	20/2	1.475	1.475	1.475	1.475	1.475	20/2	LIGHTS (T3)	2	1.475	1.475	1.475	1.475	20/2
3	LIGHTS (T2)	20/2	2.64	2.64	2.64	2.64	2.64	20/2	LIGHTS (T4)	6	2.64	2.64	2.64	2.64	20/2
5	LIGHTS (T5)	20/2	1.17	1.17	1.17	1.17	1.17	20/2	LIGHTS (T6)	10	1.17	1.17	1.17	1.17	20/2
7	LIGHTS	20/2	1.2	1.2	1.2	1.2	1.2	20/1	CNTRL CIRCUIT	12	0	0	0	0	20/1
9	RECEPTACLE #1	20/1	0.18	0.18	0.18	0.18	0.18	20/1	SPARE	14	0	0	0	0	20/1
11	RECEPTACLE #2	20/1	0.18	0.18	0.18	0.18	0.18	20/1		16	0	0	0	0	20/1
13	RECEPTACLE #3	20/1	0.18	0.18	0.18	0.18	0.18	20/1	LIGHTING PANEL (PWL LINE COMM)	18	0	0	0	0	20/1
15										20	0	0	0	0	20/1
17										22	0	0	0	0	20/1
19										24	0	0	0	0	20/1
21											6.84	6.66	5.29	5.29	
23											TOTAL kVA		24.08		

NOTES:  
1. PROVIDE CIRCUITS 1,3 & 2,4 REPLACE WITH 20A/2P, TYPE OF BREAKER TO MATCH EXISTING.  
2. PROVIDE CIRCUITS 17, 19, & 20 PROVIDE 20A/1P, TYPE OF BREAKER TO MATCH EXISTING.  
3. PROVIDE CIRCUITS 22,24 WITH 20A/2P, TYPE OF BREAKER TO MATCH EXISTING.

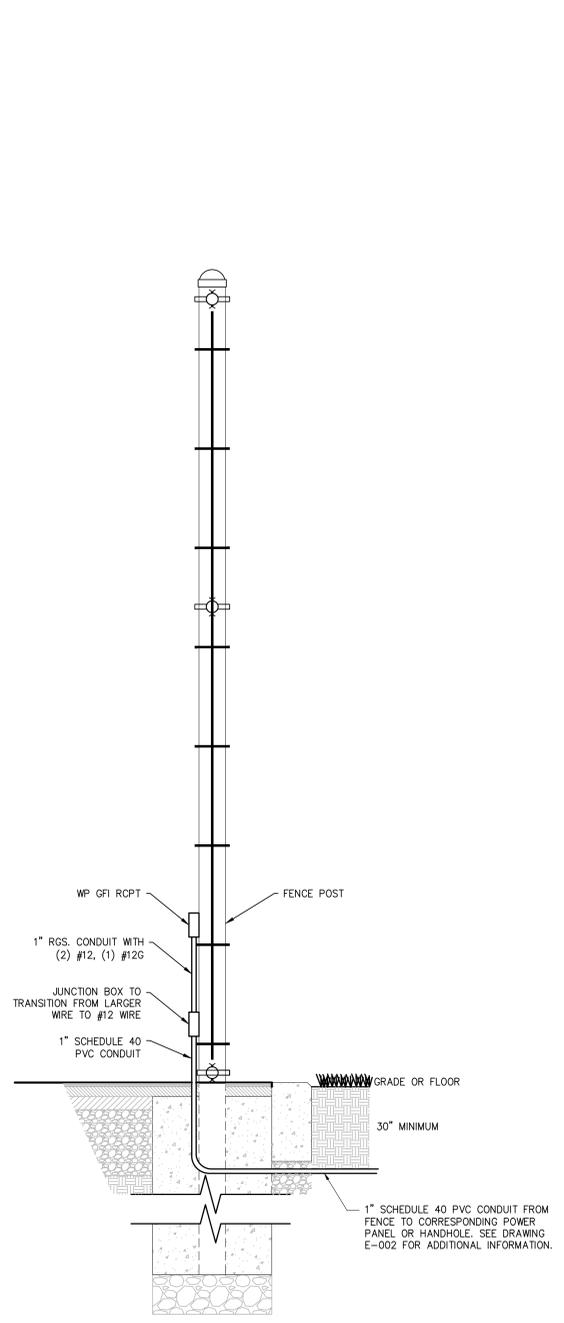




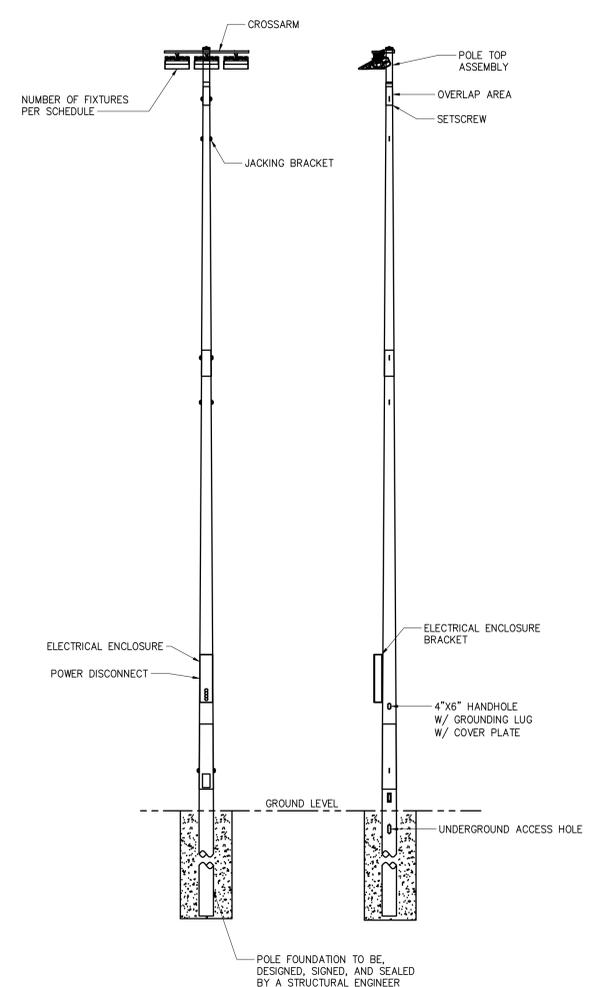
No.	Submitted / Revision	App'd	By	Date

**ELECTRICAL  
DETAILS**

Designed By: JRH	Drawn By: JRH	Checked By: JD
Issue Date: 02/21/2020	Project No: 36108	Scale: AS SHOWN

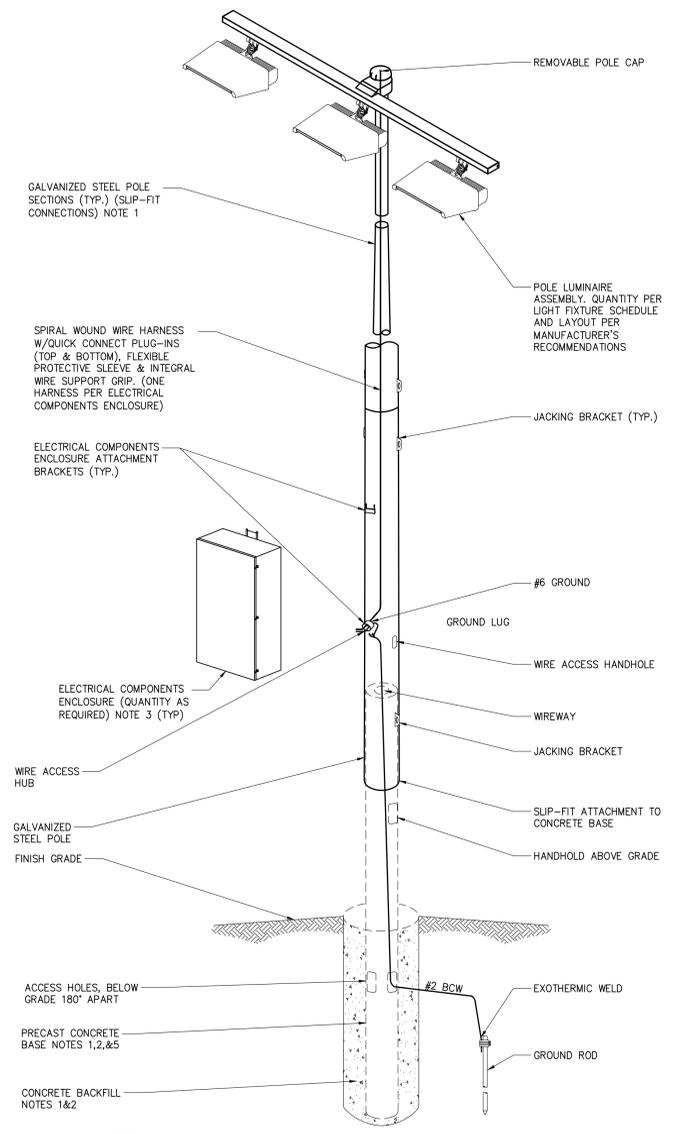


**1 RECEPTACLE ON FENCE POST**  
- NOT TO SCALE



- NOTES:**
1. PROVIDE PRE-CONSTRUCTED WIRE HARNESS FOR LIGHTING FIXTURE WIRING WITH KELLUM GRIPS AND QUICK CONNECT PLUGS FOR EASE OF CONNECTION IN THE FIELD. (HARNESSES WRAPPED IN MYLAR CASING AND A PROTECTIVE SLEEVE FOR ABRASION RESISTANCE.)
  2. ALL STEEL CROSSARMS AND POLES SHALL BE HOT DIPPED GALVANIZED.
  3. ALL ELECTRICAL ENCLOSURES SHALL BE POWDER COATED ALUMINUM.
  4. ALL THREADED FASTENERS, HINGES, AND LATCHES SHALL BE STAINLESS STEEL.
  5. PROVIDE POLE TOP ASSEMBLY W/ FACTORY WIRING AND AIMING (COMPLETE WELDED ASSEMBLY).
  6. JACKING BRACKET DESIGN ALLOWS FOR EASY USE OF "COME-A-LONGS" FOR INSTALLATION.
  7. ALL EXPOSED HARDWARE SHALL BE TAMPER RESISTANT.

**2 SPORTS LIGHTING POLE**  
- NOT TO SCALE



- NOTES:**
1. PRECAST CONCRETE BASE, CONCRETE BACKFILL AND GALVANIZED STEEL POLE. INSTALL PER MANUFACTURER'S SPECIFICATIONS. ENSURE ALL STRUCTURAL INTEGRITY OF ENTIRE ASSEMBLY.
  2. CONCRETE FOUNDATION DESIGN FOR SPORTS LIGHTING TO BE PROVIDED BY LIGHT POLE MFR. WITH CERTIFICATION BY A SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER. COORDINATE SIZE AND LOCATION OF LIGHT POLES WITH SPORTS LIGHTING MFR. AND PROVIDE SHOP DRAWINGS TO OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK.
  3. ELECTRICAL COMPONENTS ENCLOSURE(S) WITH CIRCUIT BREAKER, LANDING LUGS, SURGE PROTECTION, DRIVERS, CAPACITORS & FUSING. MOUNT TO POLE WITH BOTTOM OF ENCLOSURE APPROX. 10'-0" A.F.G.
  4. PROVIDE CONDUIT ADAPTER PLATES FOR ACCESS HOLES LOCATED BELOW GRADE.
  5. MANUFACTURER TO PROVIDE LIFTING BAR, OFFSET LEVEL, AND WEDGES TO ACCOMMODATE INSTALLATION.

**3 SPORTS LIGHTING POLE**  
- NOT TO SCALE