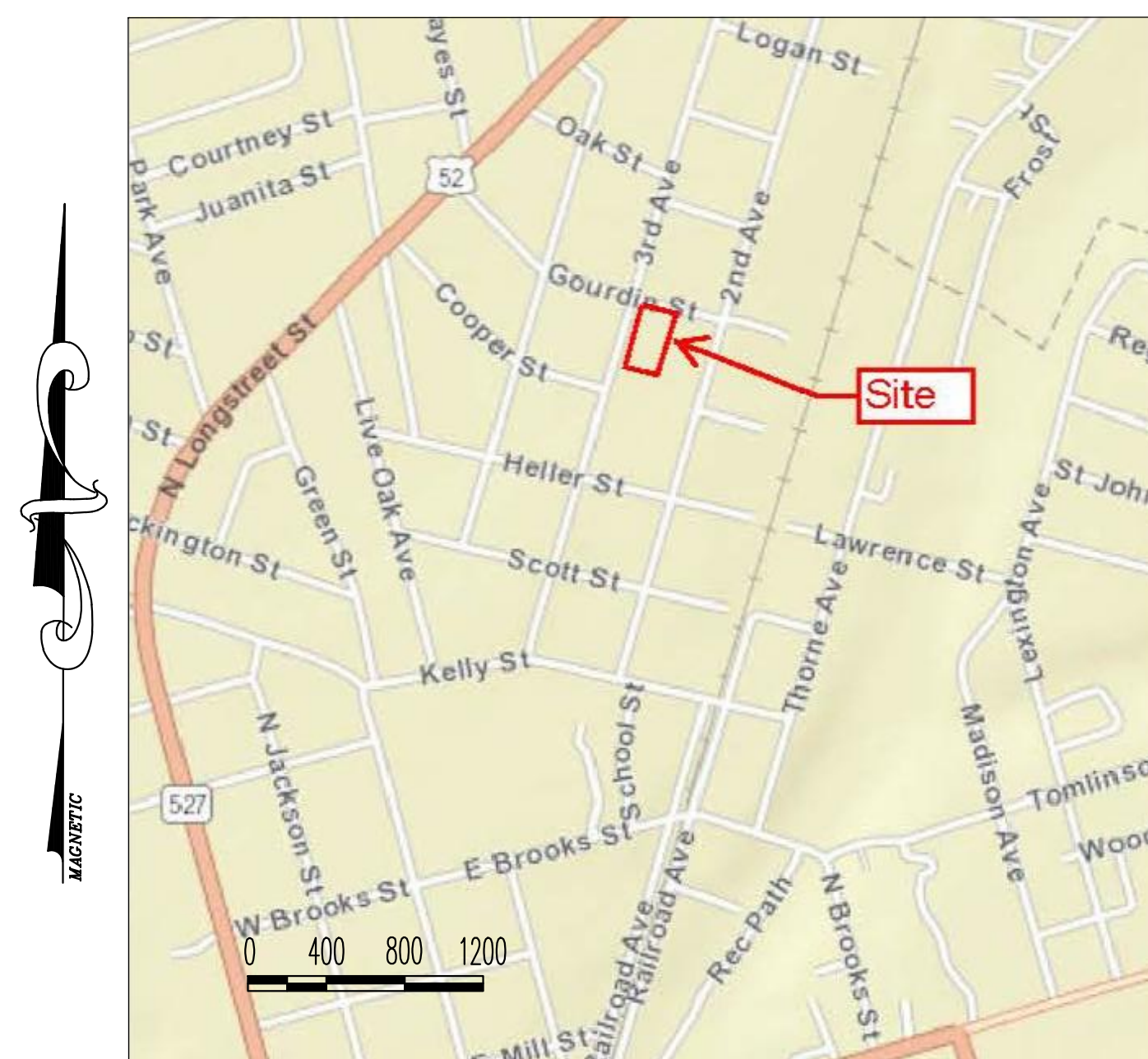


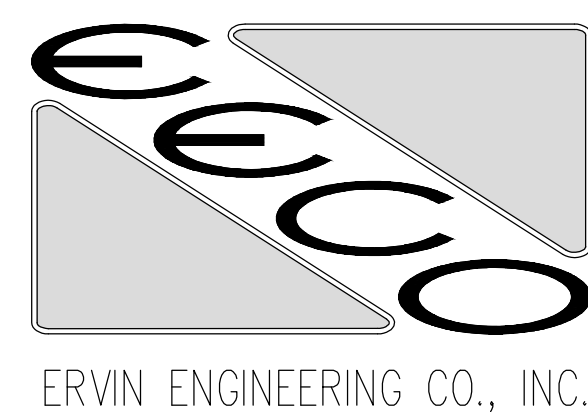
# CONSTRUCTION PLANS FOR CIVIL SITE-WORK – SWPPP PARKING ADDITION FOR KINGSTREE MIDDLE MAGNET SCHOOL WILLIAMSBURG COUNTY SCHOOL DISTRICT

2018K04001  
BID SET  
DECEMBER 2018



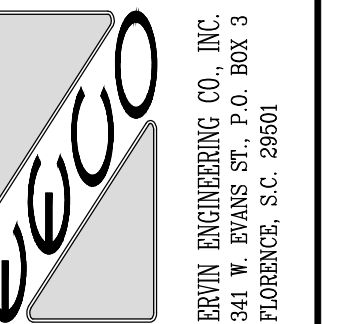
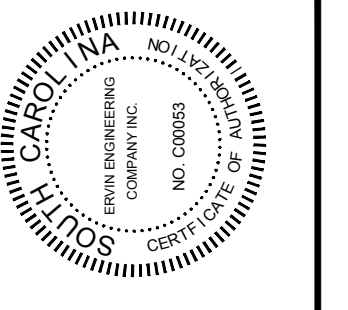
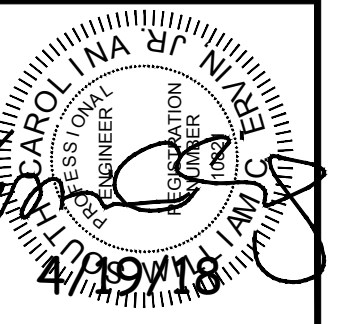
LOCATION MAP

WILLIAMSBURG CO., S.C.



ERVIN ENGINEERING CO., INC.

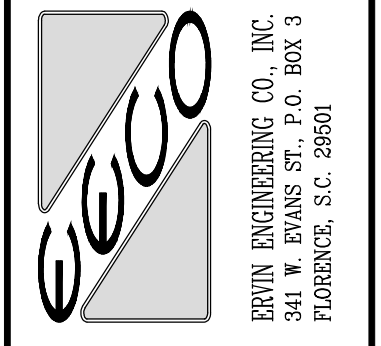
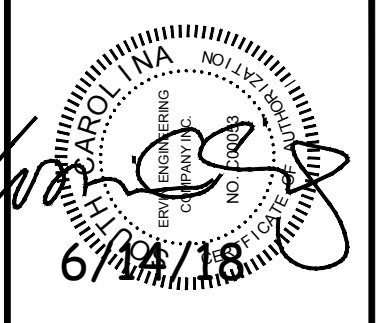
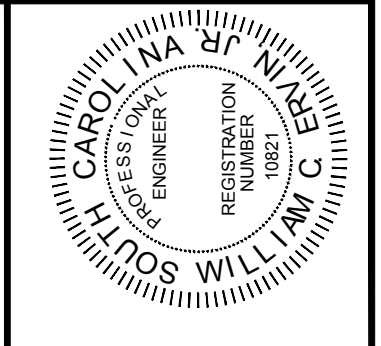
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DRAWN BY: WCE, JR.	CHECKED BY: JSE	DATE: 4-18-2018	DATE: 4-18-2018
DESIGNED BY: WCE, JR.	CHECKED BY: JSE	DATE: 4-18-2018	DATE: 4-18-2018
SCALE: AS NOTED			

WILLIAMSBURG SCHOOL DISTRICT  
KINGSTREE MAGNET SCHOOL OF THE ARTS  
PARKING ADDITION  
KINGSTREE SOUTH CAROLINA  
COVER SHEET

REV	DATE	REVISION	APPROVED		REV	DATE	REVISION
			WCE	WCE			
A	4/18/18	FOR REVIEW					
B	6/20/18	REV PER SOD/HEC REV					
C	12/20/18	REL. FOR BIDS					

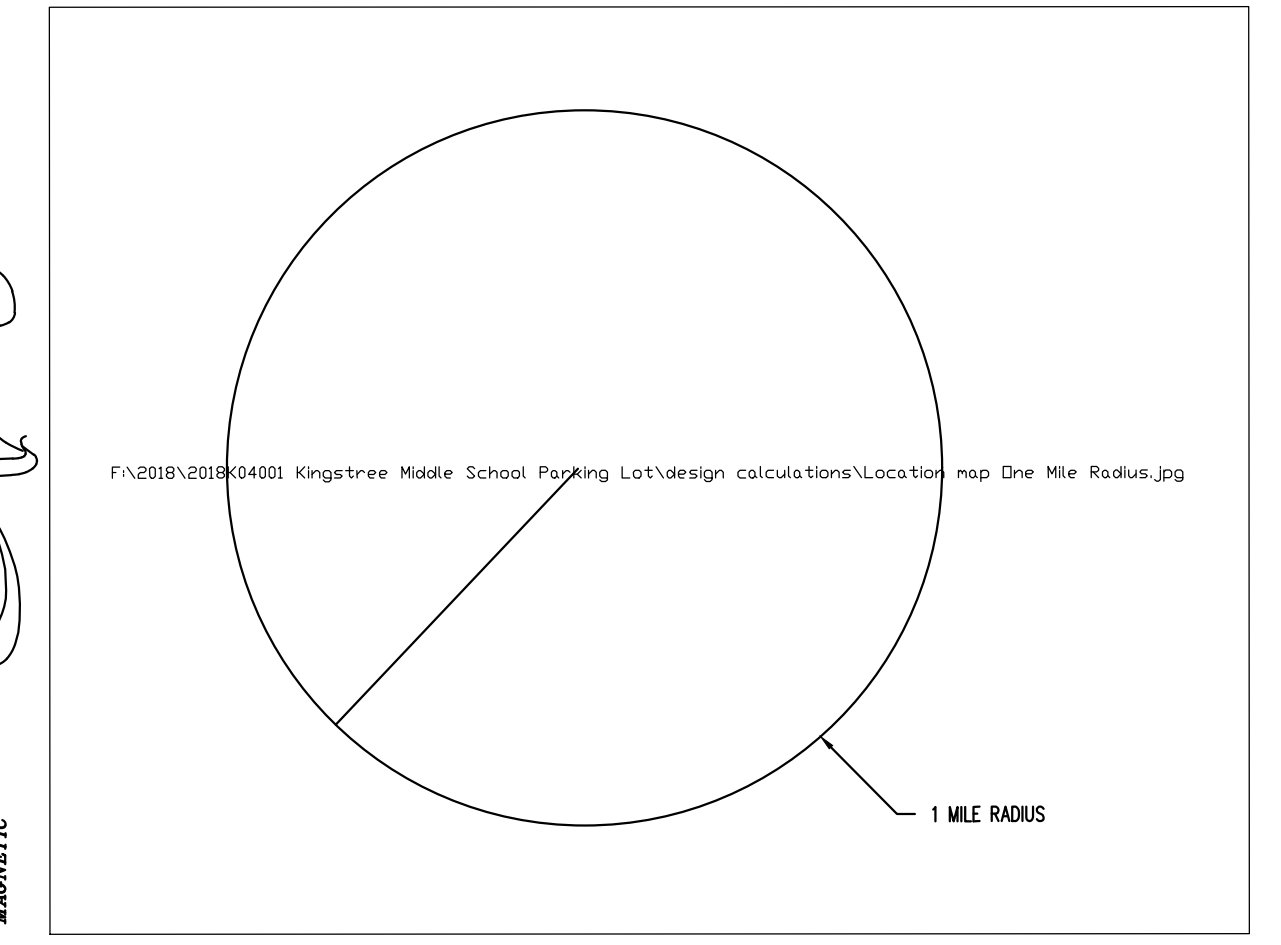
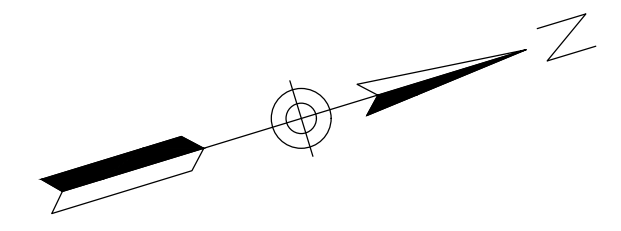


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SCALE: AS NOTED	

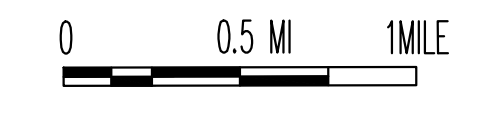
WILLIAMSBURG SCHOOL DISTRICT  
 KINGSTREE MAGNET SCHOOL OF THE ARTS  
 PARKING ADDITION  
 KINGSTREE SOUTH CAROLINA  
 EXISTING CONDITIONS

REV	DATE	REVISION	APPROVED	REV	DATE	REVISION	APPROVED
A	4/18/18	FOR REVIEW	WCE				
B	5/22/18	REV PER SCOTREC REV	WCE				
C	12/22/18	REL. FOR BIDS	WCE				

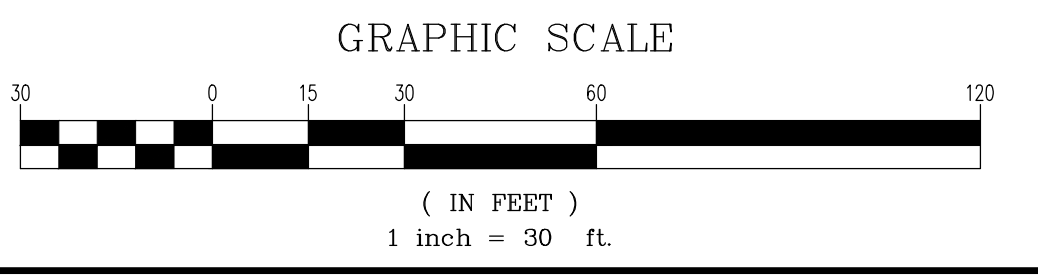
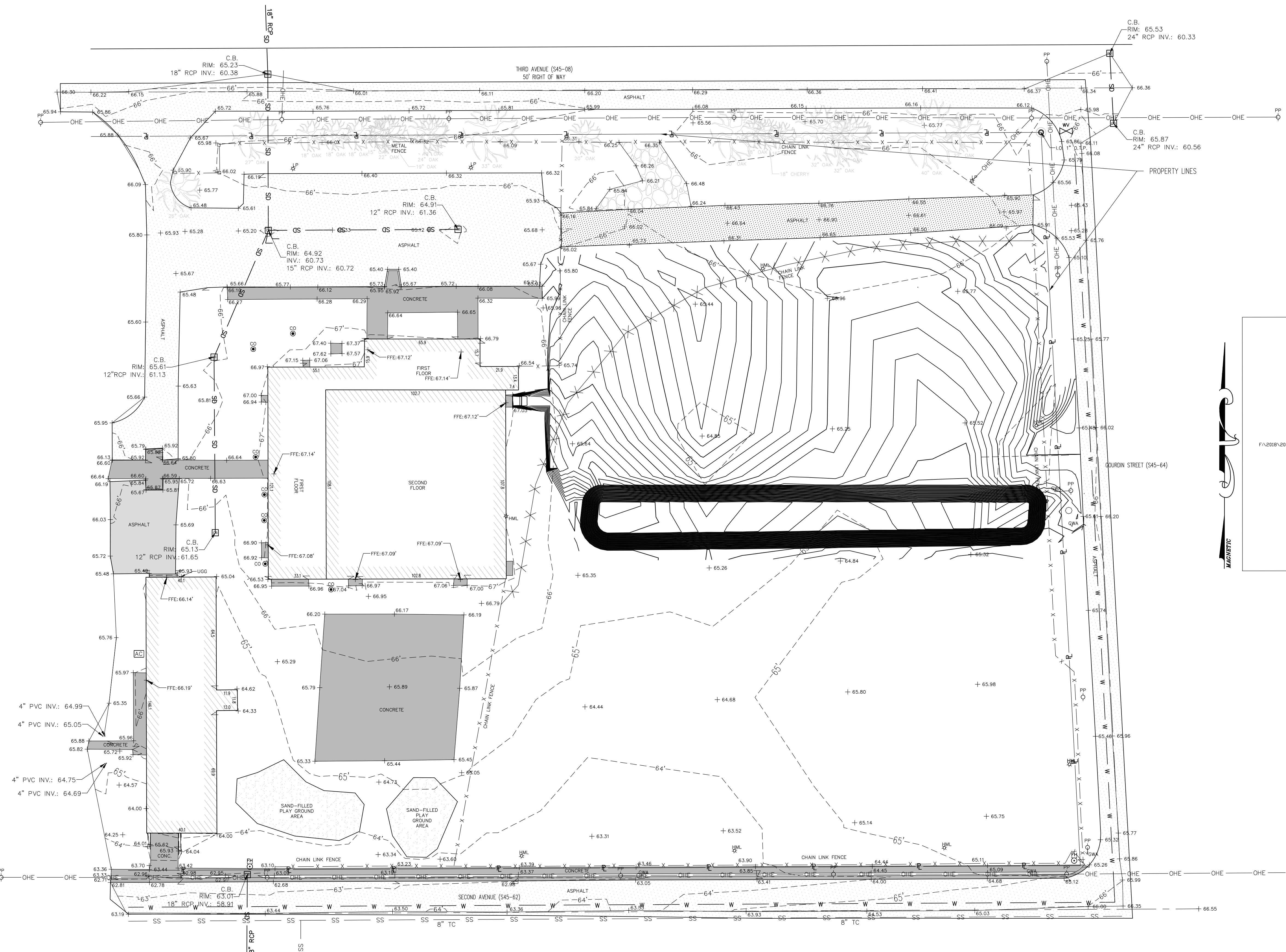
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 EECO JOB #: 2018K04001

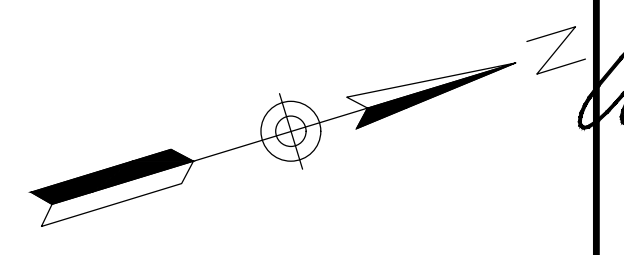
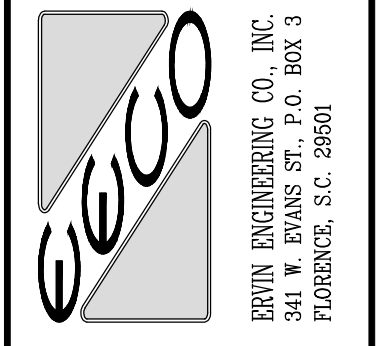
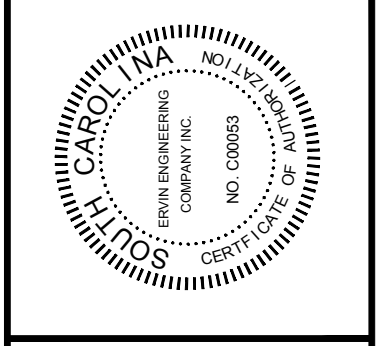
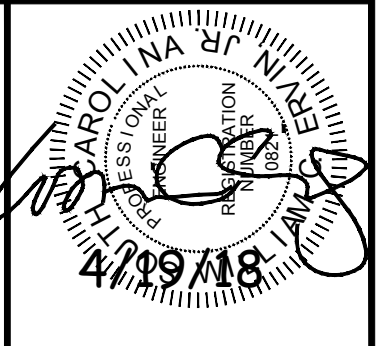


LOCATION MAP  
 WITH 1 MILE RADIUS

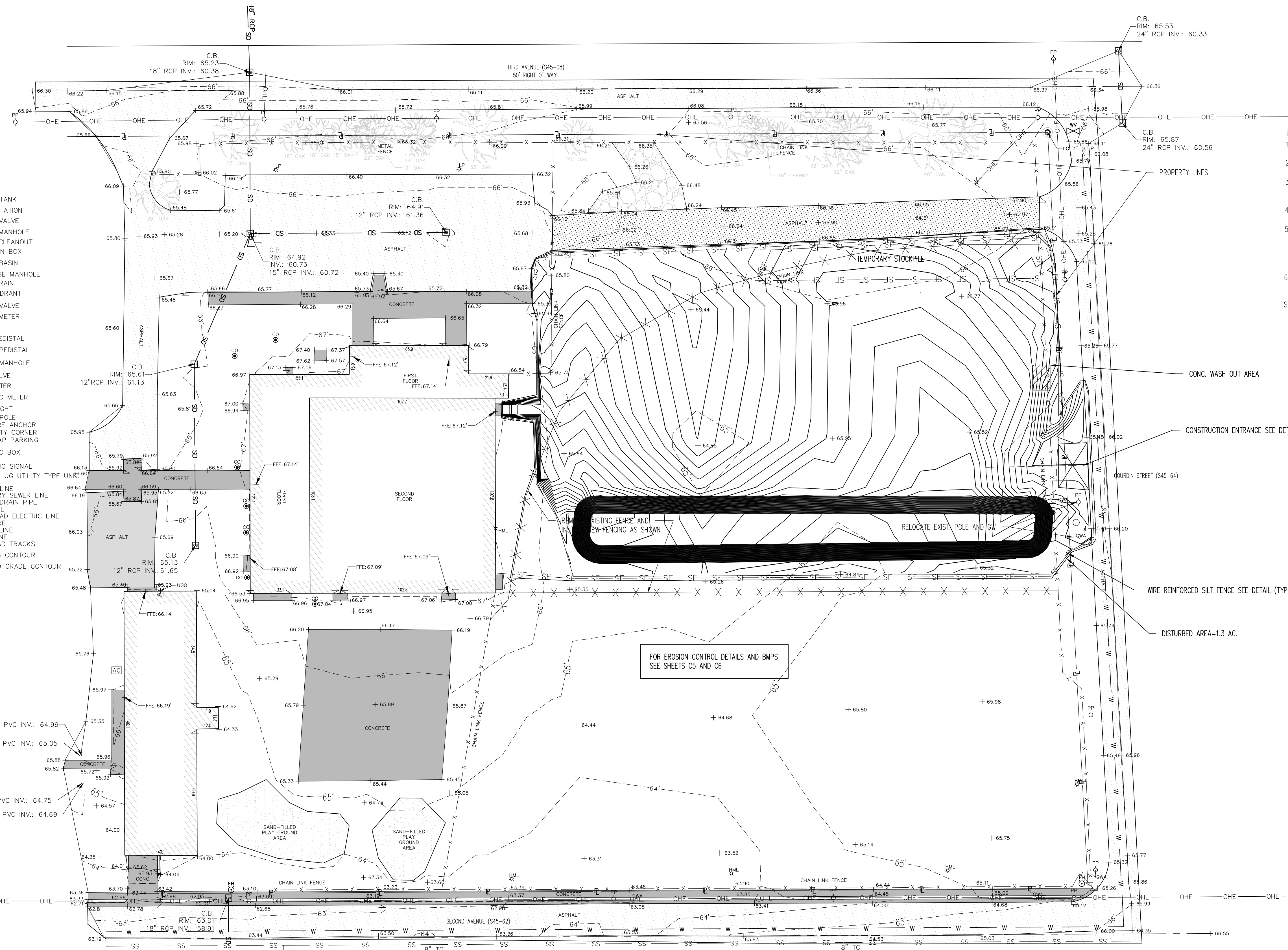


- LEGEND**
- ST SEPTIC TANK
  - PUMP STATION
  - SEWER VALVE
  - SEWER MANHOLE
  - SEWER CLEANOUT
  - JUNCTION BOX
  - CATCH BASIN
  - DRAINAGE MANHOLE
  - ROOF DRAIN
  - FIRE HYDRANT
  - WATER VALVE
  - WATER METER
  - PIV
  - CATV PEDISTAL
  - PHONE PEDISTAL
  - PHONE MANHOLE
  - GAS VALVE
  - GAS METER
  - ELECTRIC METER
  - AREA LIGHT
  - POWER POLE
  - GUY WIRE ANCHOR
  - PROPERTY CORNER
  - HANDICAP PARKING
  - ELECTRIC BOX
  - CROSSING SIGNAL
  - STRIPED UG UTILITY TYPE UNK.
  - FENCE
  - PHONE LINE
  - SANITARY SEWER LINE
  - STORM DRAIN PIPE
  - GAS LINE
  - OVERHEAD ELECTRIC LINE
  - GUY WIRE
  - WATER LINE
  - TREE LINE
  - RAILROAD TRACKS
  - - - 125 - - - EXISTING CONTOUR
  - - - 125 - - - FINISHED GRADE CONTOUR





- LEGEND**
- ST SEPTIC TANK
  - PS PUMP STATION
  - SV SEWER VALVE
  - SM SEWER MANHOLE
  - SC SEWER CLEANOUT
  - JB JUNCTION BOX
  - CB CATCH BASIN
  - DM DRAINAGE MANHOLE
  - RD ROOF DRAIN
  - FH FIRE HYDRANT
  - WV WATER VALVE
  - WM WATER METER
  - PIV PIV
  - CPD CATV PEDISTAL
  - PPH PHONE PEDISTAL
  - PM PHONE MANHOLE
  - GV GAS VALVE
  - GM GAS METER
  - EM ELECTRIC METER
  - AL AREA LIGHT
  - PP POWER POLE
  - GW GUY WIRE ANCHOR
  - PC PROPERTY CORNER
  - HC HANDICAP PARKING
  - EB ELECTRIC BOX
  - CS CROSSING SIGNAL
  - STU STRIPED UTILITY TYPE UNKNOWN
  - PH PHONE LINE
  - SS SANITARY SEWER LINE
  - SD STORM DRAIN PIPE
  - GL GAS LINE
  - OHE OVERHEAD ELECTRIC LINE
  - GW GUY WIRE
  - TL TREE LINE
  - RT RAILROAD TRACKS
  - 125 EXISTING CONTOUR
  - 125 FINISHED GRADE CONTOUR



- TRAFFIC CONTROL PLAN:**
- INSTALL TRAFFIC CONTROL SIGNS PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - CLOSE INSIDE LANE OF TRAFFIC ON ROAD WHEN INSTALLING STORM DRAIN IMPROVEMENTS AND DURING INSTALLATION OF DRIVEWAYS.
  - LANE CLOSURES ARE REQ'D FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SHOULDER CLOSURES ARE REQ'D FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM TRAVEL WAY.
  - USE FLAG MEN AS REQUIRED PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - "ROADWORK AHEAD" SIGN TO BE LOCATED APPROXIMATELY 1,500' PRIOR TO THE START OF CONSTRUCTION AND ADDITIONAL SIGNS SHOULD BE LOCATED AT 1,000' AND 500' PRIOR TO THE START OF CONSTRUCTION AS INDICATED IN SCDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND PER REVIEW DURING THE PRE-CONSTRUCTION MEETING WITH SCDOT.
  - "END OF CONSTRUCTION" SIGN TO BE LOCATED 500' PAST END OF CONSTRUCTION.

**SCDOT DRAINAGE STATEMENT:** THE POST DEVELOPMENT DISCHARGE INTO THE SCDOT RIGHT OF WAY IS EQUAL TO OR LESS THAN THE PRE DEVELOPMENT DISCHARGE FOR THIS PROJECT FOR THE 10, 100, AND 100 YEAR RAINFALL EVENTS.

*William C. Ervin, Jr.*

WILLIAM C. ERVIN, JR., P.E.

**GENERAL CONSTRUCTION SEQUENCE OF EVENTS**

- PHASE 1:**
- RECEIVE NPDES COVERAGE FROM SCDHEC
  - PRE-CONSTRUCTION MEETING (ON-SITE)
  - NOTIFY SCDHEC 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
  - INSTALLATION OF CONSTRUCTION ENTRANCE(S)
  - CLEARING AND GRUBBING REMAINDER OF SITE FOR INSTALLATION OF PERIMETER CONTROLS.
  - INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE), CLEARING AND GRUBBING OF SITE OR DEMOLITION (SEDIMENT AND EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
  - REMOVE AND DISPOSE OF ALL ASPHALT AND CONCRETE, GRUB SITE, ESTABLISHING OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES.
  - STOCKPILE TOPSOIL AND EXCESS MATERIAL PER NOTES FOR RE-SREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH GENERAL CONTRACTOR, WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR.
- PHASE 2:**
- EXCAVATE INFILTRATION POND AND INSTALL ANY TEMPORARY DITCHES REQUIRED TO MAINTAIN POSITIVE SITE DRAINAGE.
  - THE INFILTRATION POND SHALL BE CONSTRUCTED SO THAT FINAL COMPACTION DOES NOT EXCEED EXISTING IN-SITU COMPACTION. THIS SHALL BE DETERMINED BY TESTING IN THE FIELD USING THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO THE INSTALLATION OF TEMPORARY GRASSING.
  - AS SOON AS POND IS GRADED, IT WILL BE GRASSED WITH SOD.
  - ESTABLISH OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES. STOCKPILE TOPSOIL AND EXCESS MATERIAL IN SPECIFIED AREAS PER NOTES FOR RE-SREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH OWNER, WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE BY THE GEOTECHNICAL ENGINEER, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR. INSTALL WATER, SEWER, POWER, TELEPHONE, AND OTHER UTILITIES AS REQUIRED.
  - HAUL, GRADE AND COMPACT BASE MATERIALS AS SPECIFIED TO ROUGH GRADE.
  - PROOF ROLL ALL REQUIRED BASE MATERIALS TO 75,000# WITH REPS. FROM EECO PRESENT.
  - INSTALL STONE BASE PER DETAILS, PROOF ROLL ALL REQUIRED STONE TO 75,000#.
  - FINE GRADING, PAVING, ETC.
- PHASE 3:**
- PERMANENT / FINAL STABILIZATION, INCLUDING TOUCH UP GRADING, SPREAD TOPSOIL WHERE REQUIRED AND INSTALL PERMANENT GRASS.
  - INFILTRATION PONDS ARE TO RECEIVE SOD. HOWEVER, PRIOR TO THE INSTALLATION OF SOD, THE PROJECT GEOTECHNICAL ENGINEER SHALL DO INFILTRATION TESTING TO ENSURE THAT POST-CONSTRUCTION INFILTRATION NUMBERS MEET OR EXCEED PRE CONSTRUCTION INFILTRATION NUMBERS.
  - ONCE INFILTRATION TESTING IS SATISFACTORILY COMPLETED, THE SLOPES OF THE PONDS WILL RECEIVE SOD.
  - CLEAN-OUT OF EXISTING SEDIMENT CONTROL STRUCTURES. SLOPES THAT ARE DISTURBED AS PART OF THIS PROJECT ARE TO BE HYDROSEDED. NOTE: ALL AREAS SHALL RECEIVE SOD FOR FINAL STABILIZATION.
  - REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER / OPERATOR HAVE THE SWPPP PREPARED OR REGISTRATION. EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
  - SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE. AT THE END OF 1 YEAR AFTER THE RECEIPT OF THE NOT, THE OWNER WILL HAVE THE PROJECT GEOTECHNICAL ENGINEER PERFORM INFILTRATION TO DETERMINE IF THE PONDS ARE CURRENTLY MEETING INFILTRATION NUMBERS. IF THE INFILTRATION VALUES ARE NOT SUFFICIENT, THE OWNER WILL HAVE THE POND SOIL MODIFIED TO MEET NECESSARY INFILTRATION VALUES.

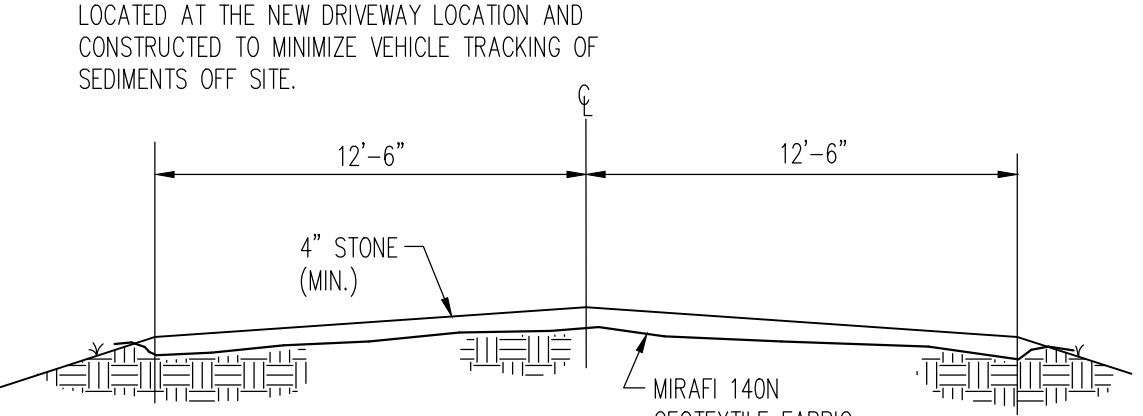
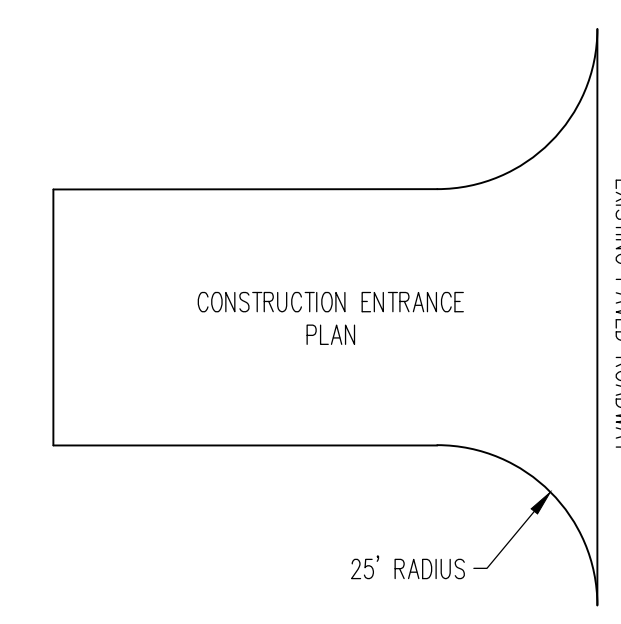
- INFILTRATION POND NOTES:**
- INFILTRATION POND TO BE CONSTRUCTED SO THAT FINAL COMPACTION DOES NOT EXCEED EXISTING IN-SITU COMPACTION
  - POND TO RECEIVE SOD FOR GRASSING ONCE IT IS PROPERLY GRADED WITH 4" OF TOPSOIL
  - FINAL STABILIZATION OF POND AND OTHER GRASSSED AREAS TO DONE USING SOD.

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM.

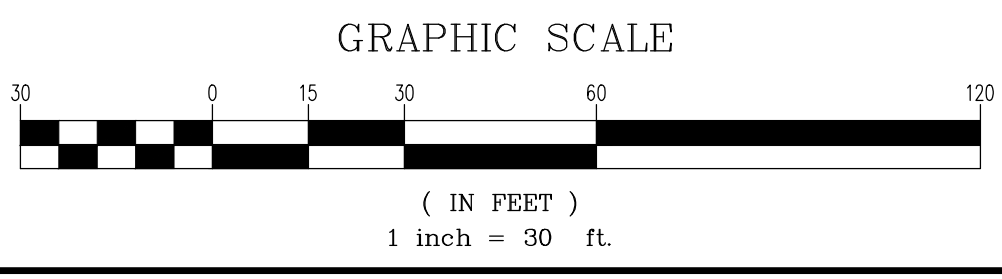
FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

*William C. Ervin, Jr.*

WILLIAM C. ERVIN, JR., P.E.  
4/19/2018



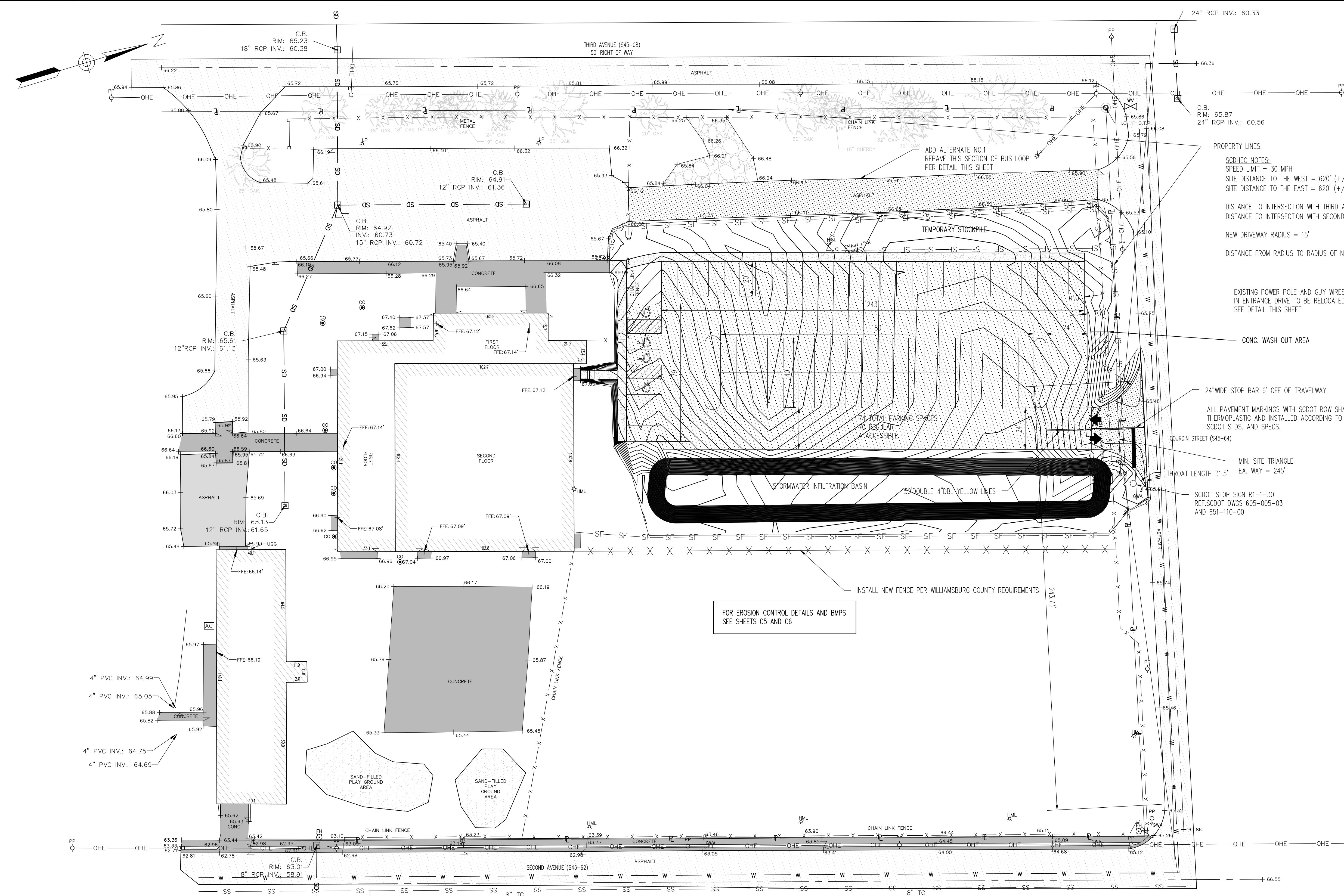
- INSPECTION AND MAINT ENTRANCE SECTION**
- INSPECT EVERY 7 CALENDAR DAYS AND WITHIN 24-HRS OF EA. RAINFALL EVENT THAT PRODUCES 1/4" OR MORE OF PRECIP. OR AFTER HEAVY USE.
  - CHECK FOR MUD BUILD AND SED. BUILD UP AND PAD INTEGRITY.
  - MAKE DAILY INSPECTIONS DURING WET WEATHER. MAINT. IS REQ'D MORE FREQUENTLY IN WET WEATHER COND.
  - RESHAPE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
  - WASH OR REPLACE STONE AS NEEDED.



CHECKED BY: JSE	DATE: 4-18-2018
DESIGNED BY: WCE/JR	DATE: 4-18-2018
DRAWN BY: WCE/JR	DATE: 4-18-2018

**WILLIAMSBURG SCHOOL DISTRICT**  
KINGSTREE MAGNET SCHOOL OF THE ARTS  
PARKING ADDITION  
KINGSTREE SOUTH CAROLINA  
EROSION CONTROL

REV	DATE	REVISION	APPROVED
A	4/18/18	FOR REVIEW	WCE
B	4/18/18	REV PER SCDHEC	WCE
C	4/19/18	REL. FOR BIDS	WCE



I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM.  
 FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 CODE OF LAWS OF SC, 1978 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.  
 WILLIAM C. ERVIN, JR., P.E.  
 4/19/2018

LEGEND

ST	SEPTIC TANK
PS	PUMP STATION
SM	SEWER MANHOLE
SC	SEWER CLEANOUT
JB	JUNCTION BOX
CB	CATCH BASIN
DM	DRAINAGE MANHOLE
RD	ROOF DRAIN
FD	FIRE HYDRANT
WV	WATER VALVE
WM	WATER METER
PIV	PIV
CP	CATV PEDISTAL
PH	PHONE PEDISTAL
PI	PHONE MANHOLE
GV	GAS VALVE
GM	GAS METER
EM	ELECTRIC METER
AL	AREA LIGHT
PP	POWER POLE
GA	GUY WIRE ANCHOR
PC	PROPERTY CORNER
HP	HANDICAP PARKING
EB	ELECTRIC BOX
CS	CROSSING SIGNAL
UG	STRIPED UG UTILITY
FX	FENCE
PH	PHONE LINE
SS	SANITARY SEWER LINE
SD	STORM DRAIN PIPE
GS	GAS LINE
OHE	OVERHEAD ELECTRIC
GW	GUY WIRE
WL	WATER LINE
TL	TREE LINE
RT	RAILROAD TRACKS
-125	EXISTING CONTOUR
-125	FINISHED GRADE CONTOUR

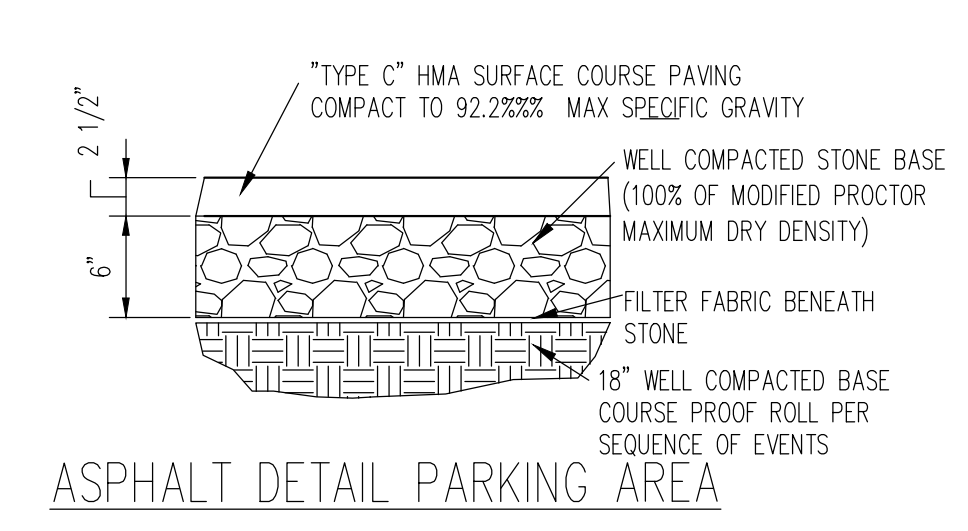
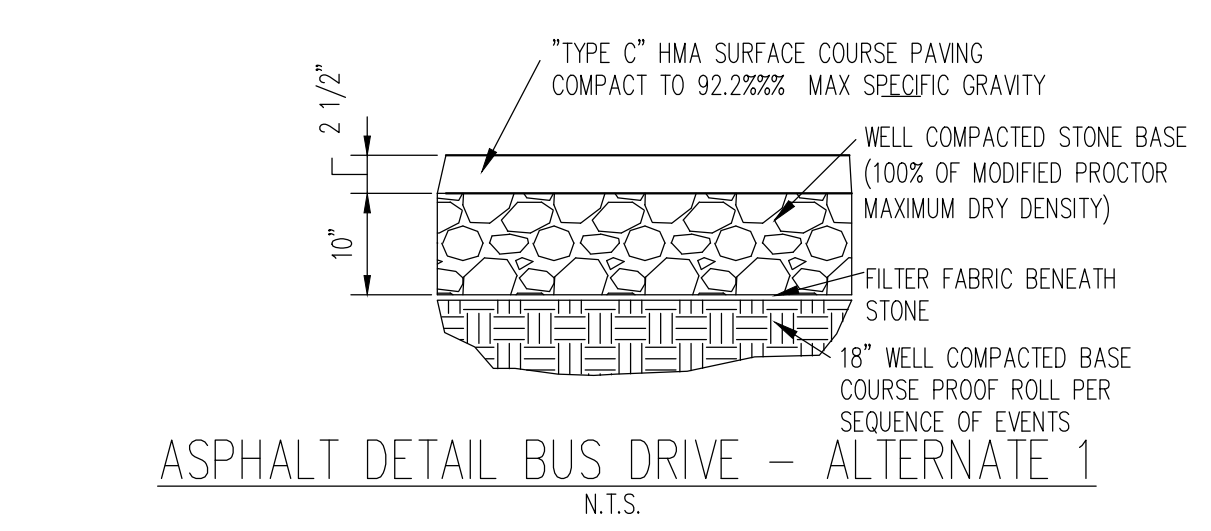
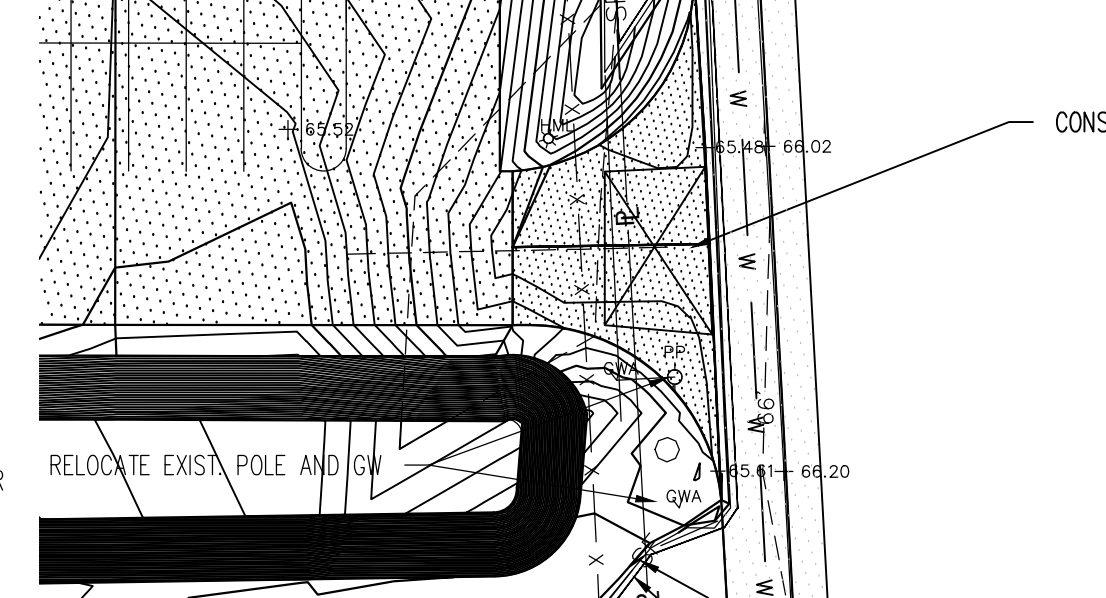
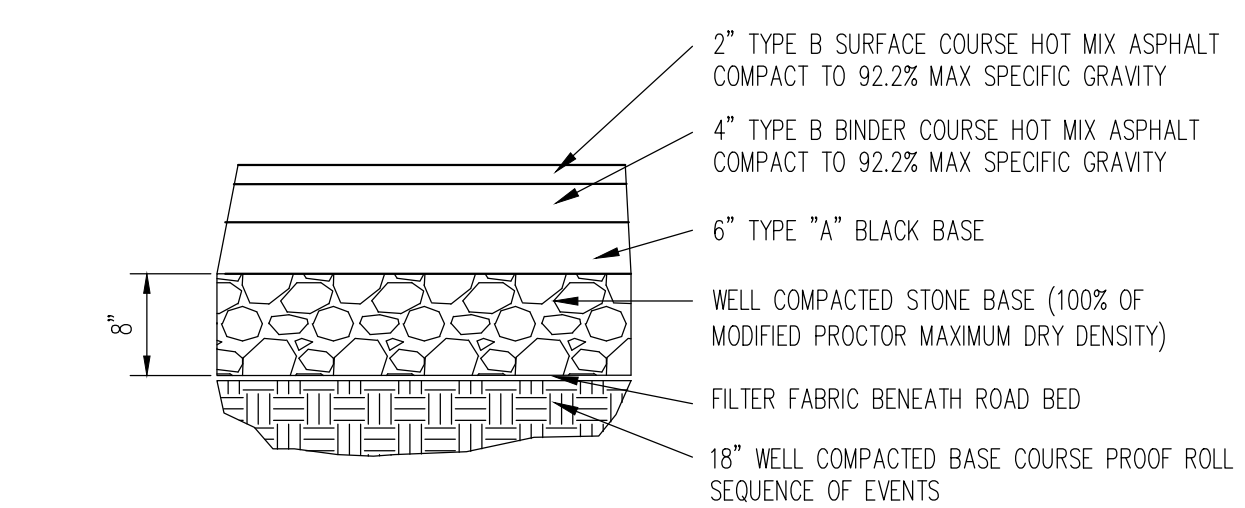
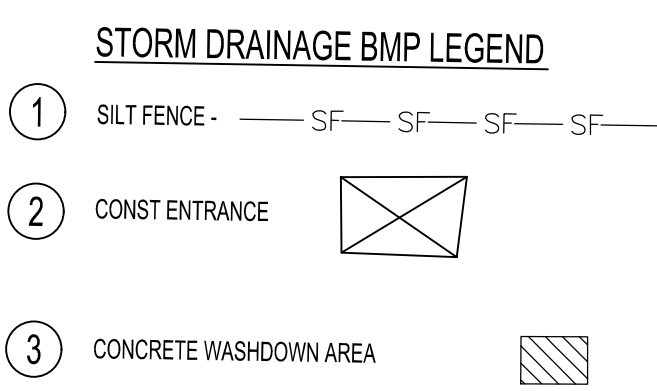
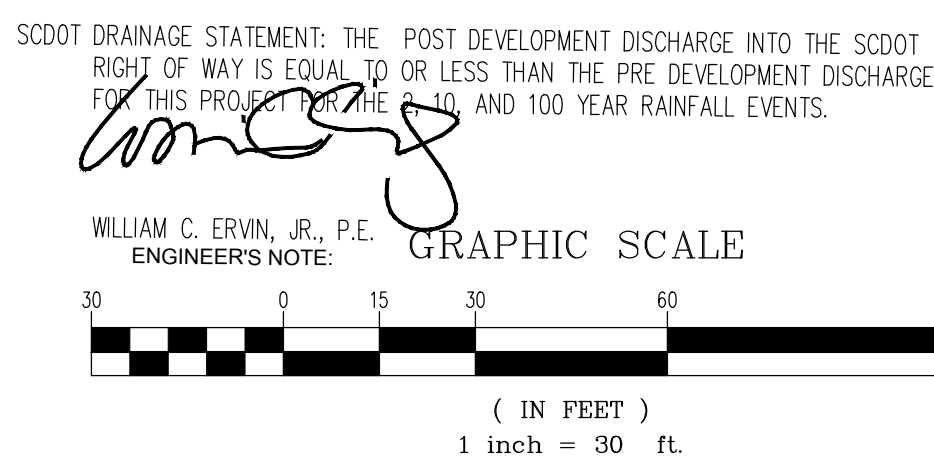
SCDHEC NOTES:  
 SPEED LIMIT = 30 MPH  
 SITE DISTANCE TO THE WEST = 620' (+/-)  
 SITE DISTANCE TO THE EAST = 620' (+/-)  
 DISTANCE TO INTERSECTION WITH THIRD AVENUE = 200'  
 DISTANCE TO INTERSECTION WITH SECOND AVENUE = 250'  
 NEW DRIVEWAY RADIUS = 15'  
 DISTANCE FROM RADIUS TO RADIUS OF NEAREST DRIVE WAY = 85'

EXISTING POWER POLE AND GUY WIRES IN ENTRANCE DRIVE TO BE RELOCATED SEE DETAIL THIS SHEET

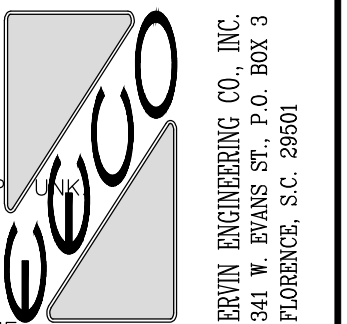
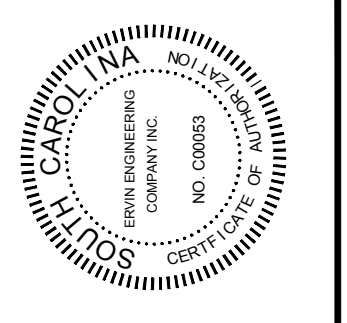
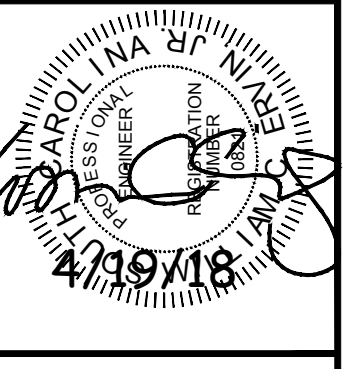
GENERAL CONSTRUCTION SEQUENCE OF EVENTS

- PHASE 1
1. RECEIVE NPDES COVERAGE FROM SCDHEC
  2. PRE-CONSTRUCTION MEETING (ON-SITE)
  3. NOTIFY SCDHEC 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
  4. INSTALLATION OF CONSTRUCTION ENTRANCE(S)
  5. CLEARING AND GRUBBING REMAINDER OF SITE FOR INSTALLATION OF PERIMETER CONTROLS.
  6. INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE), CLEARING AND GRUBBING OF SITE OR DEMOLITION (SEDIMENT AND EROSION CONTROL MEASURES - FOR THESE AREAS MUST ALWAYS BE INSTALLED).
  7. REMOVE AND DISPOSE OF ALL ASPHALT AND CONCRETE, GRUB SITE, ESTABLISHING OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES.
  8. STOCKPILE TOPSOIL AND EXCESS MATERIAL PER NOTES FOR RE-SREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH GENERAL CONTRACTOR. WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR.
- PHASE 2:
9. EXCAVATE INFILTRATION POND AND INSTALL ANY TEMPORARY DITCHES REQUIRED TO MAINTAIN POSITIVE SITE DRAINAGE.
  10. THE INFILTRATION POND SHALL BE CONSTRUCTED SO THAT FINAL COMPACTION DOES NOT EXCEED EXISTING IN-SITU COMPACTION. THIS SHALL BE DETERMINED BY TESTING IN THE FIELD USING THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO THE INSTALLATION OF TEMPORARY GRASSING.
  11. AS SOON AS POND IS GRADED, IT WILL BE GRASSED WITH SOD.
  12. ESTABLISH OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES. STOCKPILE TOPSOIL AND EXCESS MATERIAL IN SPECIFIED AREAS PER NOTES FOR RE-SREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH OWNER. WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE BY THE GEOTECHNICAL ENGINEER, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR. INSTALL WATER, SEWER, POWER, TELEPHONE, AND OTHER UTILITIES AS REQUIRED.
  13. HAUL, GRADE AND COMPACT BASE MATERIALS AS SPECIFIED TO ROUGH GRADE.
  14. PROOF ROLL ALL REQUIRED BASE MATERIAL TO 75,000# WITH REPS. FROM ECCO PRESENT.
  15. INSTALL STONE BASE PER DETAILS, PROOF ROLL ALL REQUIRED STONE TO 75,000#.
  16. FINE GRADING, PAVING, ETC.
- PHASE 3:
17. PERMANENT / FINAL STABILIZATION, INCLUDING TOUCH UP GRADING, SPREAD TOPSOIL WHERE REQUIRED AND INSTALL PERMANENT GRASS.
  18. INFILTRATION PONDS ARE TO RECEIVE SOD. HOWEVER, PRIOR TO THE INSTALLATION OF SOD, THE PROJECT GEOTECHNICAL ENGINEER SHALL DO INFILTRATION TESTING TO ENSURE THAT POST-CONSTRUCTION INFILTRATION NUMBERS MEET OR EXCEED PRE-CONSTRUCTION INFILTRATION NUMBERS.
  19. ONCE INFILTRATION TESTING IS SATISFACTORILY COMPLETED, THE SLOPES OF THE PONDS WILL RECEIVE SOD.
  20. CLEAN-OUT OF EXISTING SEDIMENT CONTROL STRUCTURES. SLOPES THAT ARE DISTURBED AS PART OF THIS PROJECT ARE TO BE HYDROSEDED. NOTE: ALL AREAS SHALL RECEIVE SOD FOR FINAL STABILIZATION.
  21. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER / OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION. EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
  22. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.
  23. AT THE END OF 1 YEAR AFTER THE RECEIPT OF THE NOT, THE OWNER WILL HAVE THE PROJECT GEOTECHNICAL PERFORM INFILTRATION TO DETERMINE IF THE PONDS ARE CURRENTLY MEETING INFILTRATION NUMBERS. IF THE INFILTRATION VALUES ARE NOT SUFFICIENT, THE OWNER WILL HAVE THE POND SOIL MODIFIED TO MEET NECESSARY INFILTRATION VALUES.

- TRAFFIC CONTROL PLAN:
1. INSTALL TRAFFIC CONTROL SIGNS PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  2. CLOSE INSIDE LANE OF TRAFFIC ON ROAD WHEN INSTALLING STORM DRAIN IMPROVEMENTS AND DURING INSTALLATION OF DRIVEWAYS.
  3. LANE CLOSURES ARE REQ'D. FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SHOULDER CLOSURES ARE REQ'D FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM TRAVEL WAY.
  4. USE FLAG MEN AS REQUIRED PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  5. "ROADWORK AHEAD" SIGN TO BE LOCATED APPROXIMATELY 1,500' PRIOR TO THE START OF CONSTRUCTION AND ADDITIONAL SIGNS SHOULD BE LOCATED AT 1,000' AND 500' PRIOR TO THE START OF CONSTRUCTION AS INDICATED IN SCDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND PER REVIEW DURING THE PRE-CONSTRUCTION MEETING WITH SCDOT.
  6. "END OF CONSTRUCTION" SIGN TO BE LOCATED 500' PAST END OF CONSTRUCTION.



ALL IMPROVEMENTS WITHIN THE SCDOT ROW SHALL CONFORM TO THE STANDARDS OF SCDOT AND REFERENCE DRAWINGS SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:  
 610-005-010  
 605-005-03  
 610-025-00  
 651-110-00  
 651-115-01  
 815-605-00

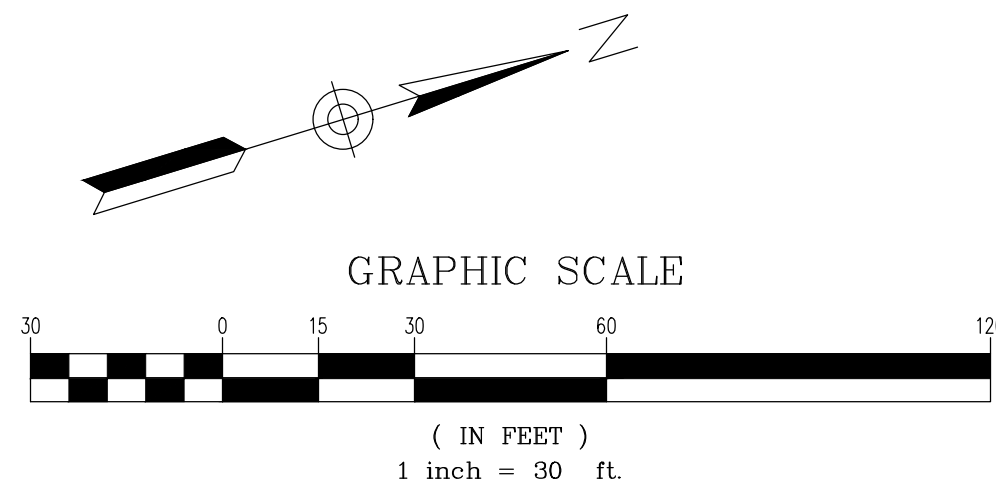


DESIGNED BY: WCE, JR.	CHECKED BY: JSE
DATE: 4-18-2018	DATE: 4-18-2018
DESIGNED BY: WCE, JR.	CHECKED BY: JSE
DATE: 4-18-2018	DATE: 4-18-2018
SCALE: AS NOTED	

WILLIAMSBURG SCHOOL DISTRICT  
 KINGSTREE MAGNET SCHOOL OF THE ARTS  
 PARKING ADDITION  
 KINGSTREE SOUTH CAROLINA  
 SITE LAYOUT

REV	DATE	REVISION	APPROVED
A	4/18/18	FOR REVIEW	WCE
B	4/20/18	REV PER SCDHEC	WCE
C	12/20/18	REL FOR BIDS	WCE

ECCO JOB # 2018K04001



**TRAFFIC CONTROL PLAN:**

1. INSTALL TRAFFIC CONTROL SIGNS PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. CLOSE INSIDE LANE OF TRAFFIC ON ROAD WHEN INSTALLING STORM DRAIN IMPROVEMENTS AND DURING INSTALLATION OF DRIVEWAYS.
3. LANE CLOSURES ARE REQ'D. FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SHOULDER CLOSURES ARE REQ'D FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM TRAVEL WAY.
4. USE FLAG MEN AS REQUIRED PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. "ROADWORK AHEAD" SIGN TO BE LOCATED APPROXIMATELY 1,500' PRIOR TO THE START OF CONSTRUCTION AND ADDITIONAL SIGNS SHOULD BE LOCATED AT 1,000' AND 500' PRIOR TO THE START OF CONSTRUCTION AS INDICATED IN SCDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND PER REVIEW DURING THE PRE-CONSTRUCTION MEETING WITH SCDOT.
6. "END OF CONSTRUCTION" SIGN TO BE LOCATED 500' PAST END OF CONSTRUCTION.

SCDOT DRAINAGE STATEMENT: THE POST DEVELOPMENT DISCHARGE INTO THE SCDOT RIGHT OF WAY IS EQUAL TO OR LESS THAN THE PRE DEVELOPMENT DISCHARGE FOR THIS PROJECT FOR THE 10, 100, AND 100 YEAR RAINFALL EVENTS.

*William C. Ervin, Jr.*  
 WILLIAM C. ERVIN, JR., P.E.  
 ENGINEER'S NOTE:

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 CODE OF LAWS OF S.C. 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

*William C. Ervin, Jr.*  
 WILLIAM C. ERVIN, JR., P.E.  
 4/19/2018

**GENERAL CONSTRUCTION SEQUENCE OF EVENTS**

**PHASE 1:**

1. RECEIVE NPDES COVERAGE FROM SCDHEC
2. PRE-CONSTRUCTION MEETING (ON-SITE).
3. NOTIFY SCDHEC 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
4. INSTALLATION OF CONSTRUCTION ENTRANCE(S).
5. CLEARING AND GRUBBING REMAINDER OF SITE FOR INSTALLATION OF PERIMETER CONTROLS.
6. INSTALLATION OF PERIMETER CONTROLS (EG., SILT FENCE), CLEARING AND GRUBBING OF SITE OR DEMOLITION (SEDIMENT AND EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
7. REMOVE AND DISPOSE OF ALL ASPHALT AND CONCRETE, GRUB SITE, ESTABLISHING OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES.
8. STOCKPILE TOPSOIL AND EXCESS MATERIAL PER NOTES FOR RE-SPREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH GENERAL CONTRACTOR. WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR.

**PHASE 2:**

9. EXCAVATE INFILTRATION POND AND INSTALL ANY TEMPORARY DITCHES REQUIRED TO MAINTAIN POSITIVE SITE DRAINAGE.
10. THE INFILTRATION POND SHALL BE CONSTRUCTED SO THAT FINAL COMPACTION DOES NOT EXCEED EXISTING IN-SITU COMPACTION. THIS SHALL BE DETERMINED BY TESTING IN THE FIELD USING THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO THE INSTALLATION OF TEMPORARY GRASSING.
11. AS SOON AS POND IS GRADED, IT WILL BE GRASSED WITH SOD.
12. ESTABLISH OVERALL SITE DRAINAGE BY ROUGH GRADING TO PROPOSED SUB-GRADES. STOCKPILE TOPSOIL AND EXCESS MATERIAL IN SPECIFIED AREAS PER NOTES FOR RE-SPREAD AS REQUIRED TO PREVENT LOSS OF TOPSOIL. COORDINATE STOCKPILING WITH OWNER. WHERE EXISTING TOPSOIL IS DEEMED TO BE NOT SUITABLE BY THE GEOTECHNICAL ENGINEER, CONTRACTOR SHALL BRING IN SUITABLE TOP SOIL AS DET. BY A QUALIFIED GEOTECH. ENGR.
13. INSTALL WATER, SEWER, POWER, TELEPHONE, AND OTHER UTILITIES AS REQUIRED.
14. HAUL, GRADE AND COMPACT BASE MATERIALS AS SPECIFIED TO ROUGH GRADE.
15. PROOF ROLL ALL REQUIRED BASE MATERIAL TO 75,000# WITH REPS. FROM ECCO PREPENT.
16. INSTALL STONE BASE PER DETAILS, PROOF ROLL ALL REQUIRED STONE TO 75,000#.
17. FINE GRADING, PAVING, ETC.

**PHASE 3:**

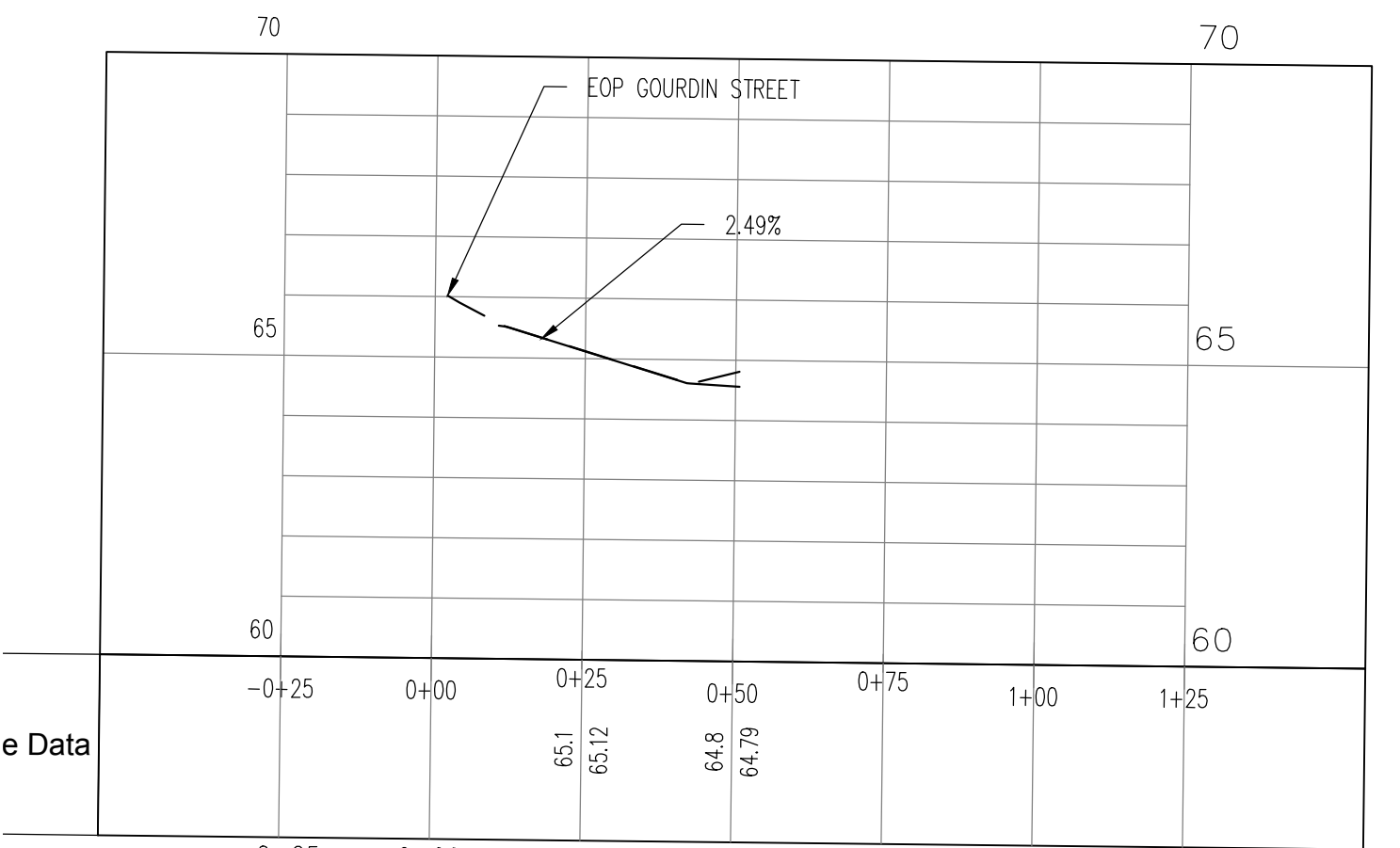
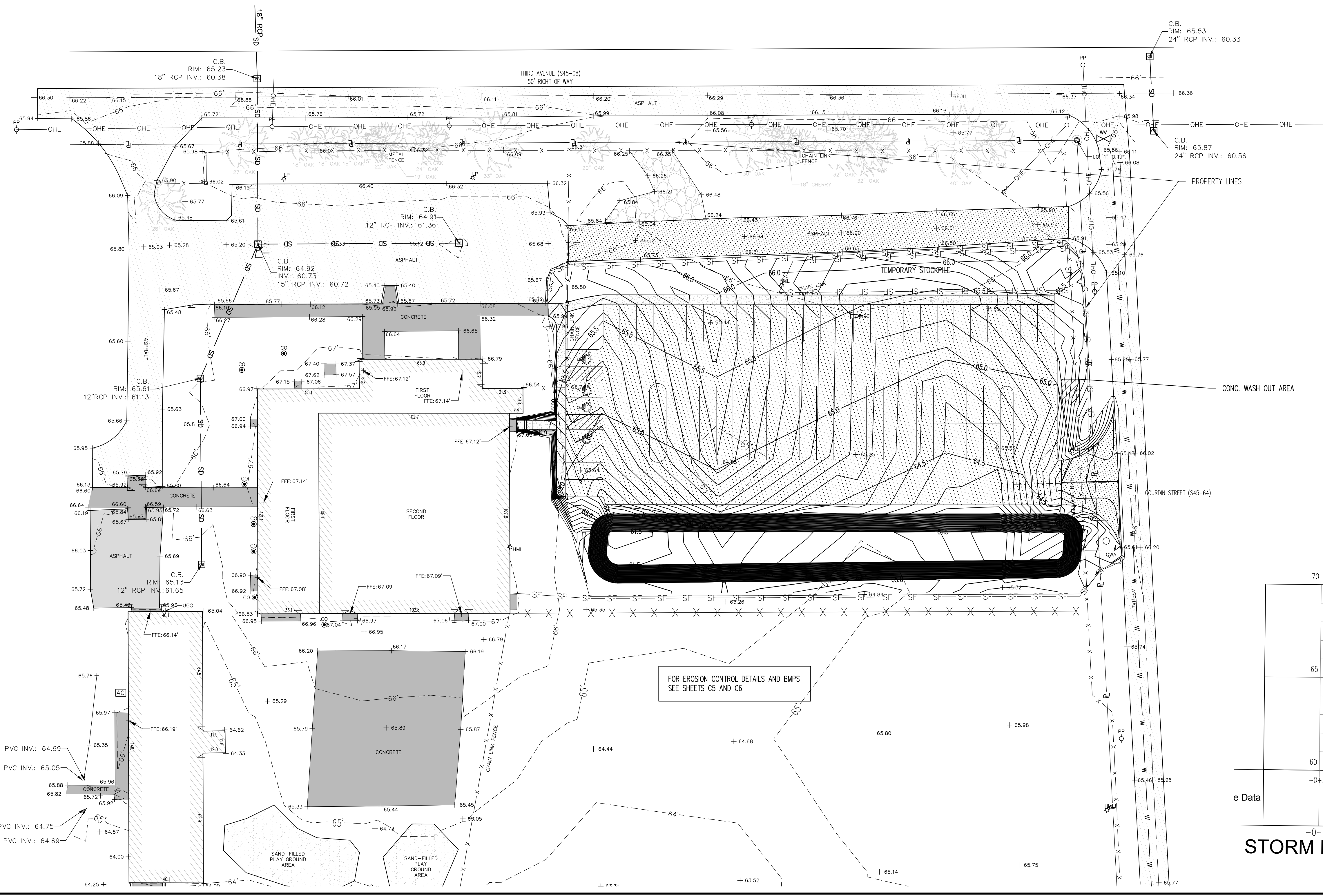
17. PERMANENT / FINAL STABILIZATION, INCLUDING TOUCH UP GRADING, SPREAD TOPSOIL WHERE REQUIRED AND INSTALL PERMANENT GRASS.
18. INFILTRATION PONDS ARE TO RECEIVE SOD. HOWEVER, PRIOR TO THE INSTALLATION OF SOD, THE PROJECT GEOTECHNICAL ENGINEER SHALL DO INFILTRATION TESTING TO ENSURE THAT POST-CONSTRUCTION INFILTRATION NUMBERS MEET OR EXCEED PRE-CONSTRUCTION INFILTRATION NUMBERS.
19. ONCE INFILTRATION TESTING IS SATISFACTORILY COMPLETED, THE SLOPES OF THE PONDS WILL RECEIVE SOD.
20. CLEAN-OUT OF EXISTING SEDIMENT CONTROL STRUCTURES. SLOPES THAT ARE DISTURBED AS PART OF THIS PROJECT ARE TO BE HYDROSEED. NOTE: ALL AREAS SHALL RECEIVE SOD FOR FINAL STABILIZATION.
21. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER / OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION, EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
22. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.
23. AT THE END OF 1 YEAR AFTER THE RECEIPT OF THE NOT, THE OWNER WILL HAVE THE PROJECT GEOTECHNICAL ENGINEER PERFORM INFILTRATION TO DETERMINE IF THE PONDS ARE CURRENTLY MEETING INFILTRATION NUMBERS. IF THE INFILTRATION VALUES ARE NOT SUFFICIENT, THE OWNER WILL HAVE THE POND SOIL MODIFIED TO MEET NECESSARY INFILTRATION VALUES.

**INFILTRATION POND NOTES:**

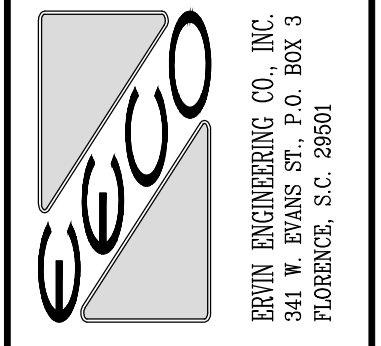
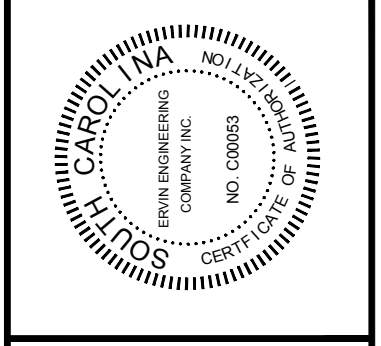
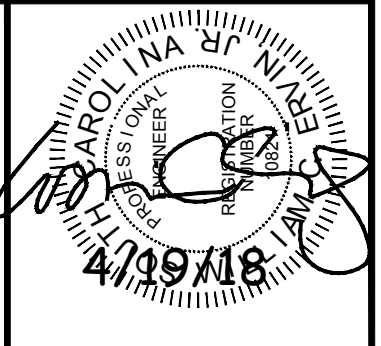
1. INFILTRATION POND TO BE CONSTRUCTED SO THAT FINAL COMPACTION DOES NOT EXCEED EXISTING IN-SITU COMPACTION
2. POND TO RECEIVE SOD FOR GRASSING ONCE IT IS PROPERLY GRADED WITH 4" OF TOPSOIL
3. FINAL STABILIZATION OF POND AND OTHER GRASSED AREAS TO BE DONE USING SOD

**LEGEND**

ST	SEPTIC TANK
PS	PUMP STATION
SV	SEWER VALVE
SM	SEWER MANHOLE
SC	SEWER CLEANOUT
JB	JUNCTION BOX
CB	CATCH BASIN
DM	DRAINAGE MANHOLE
RD	ROOF DRAIN
FD	FIRE HYDRANT
WV	WATER VALVE
WM	WATER METER
PV	PIV
CP	CATY PEDISTAL
PH	PHONE PEDISTAL
PM	PHONE MANHOLE
GV	GAS VALVE
GM	GAS METER
EM	ELECTRIC METER
AL	AREA LIGHT
PP	POWER POLE
AW	GUY WIRE ANCHOR
PC	PROPERTY CORNER
HP	HANDICAP PARKING
EB	ELECTRIC BOX
CS	CROSSING SIGNAL
UT	STRIPPED UG UTILITY TYPE UNK.
X	FENCE
PH	PHONE LINE
SS	SANITARY SEWER LINE
SD	STORM DRAIN PIPE
GL	GAS LINE
OHE	OVERHEAD ELECTRIC LINE
PV	GUY WIRE
WL	WATER LINE
TL	TREE LINE
RT	RAILROAD TRACKS
- - - 125	EXISTING CONTOUR
— 125	FINISHED GRADE CONTOUR



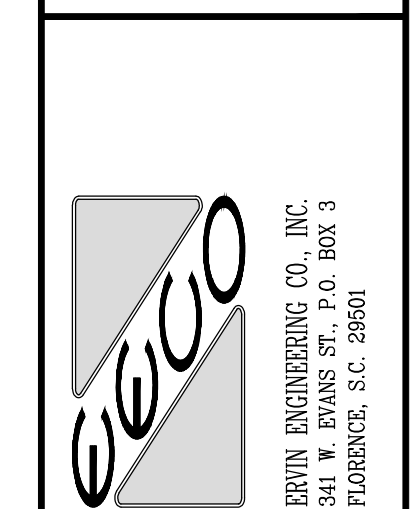
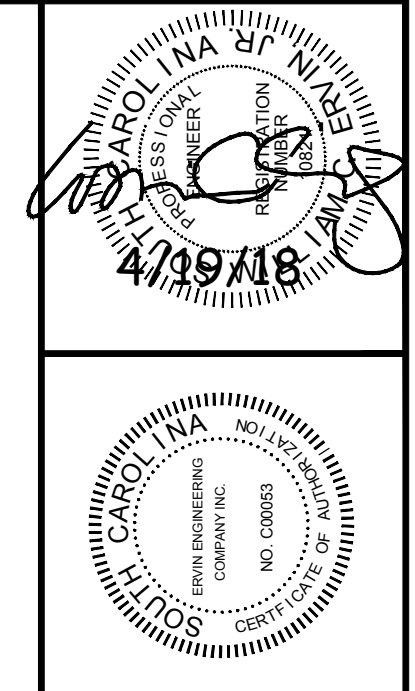
**STORM DRAINAGE SEG. DRIVEWAY PROFILE**



DRAWN BY: WCE:JR.	CHECKED BY: JSE
DATE: 4-18-2018	DATE: 4-18-2018
DESIGNED BY: WCE:JR.	CHECKED BY: JSE
DATE: 4-18-2018	DATE: 4-18-2018
SCALE: AS NOTED	

**WILLIAMSBURG SCHOOL DISTRICT**  
**KINGSTREE MAGNET SCHOOL OF THE ARTS**  
**PARKING ADDITION**  
 KINGSTREE SOUTH CAROLINA  
**PRELIMINARY GRADING PLAN**

REV	DATE	REVISION	APPROVED
A	4/18/18	FOR REVIEW	WCE
B	6/20/18	REV PER SCDHEC	WCE
C	12/20/18	REL. FOR BIDS	WCE

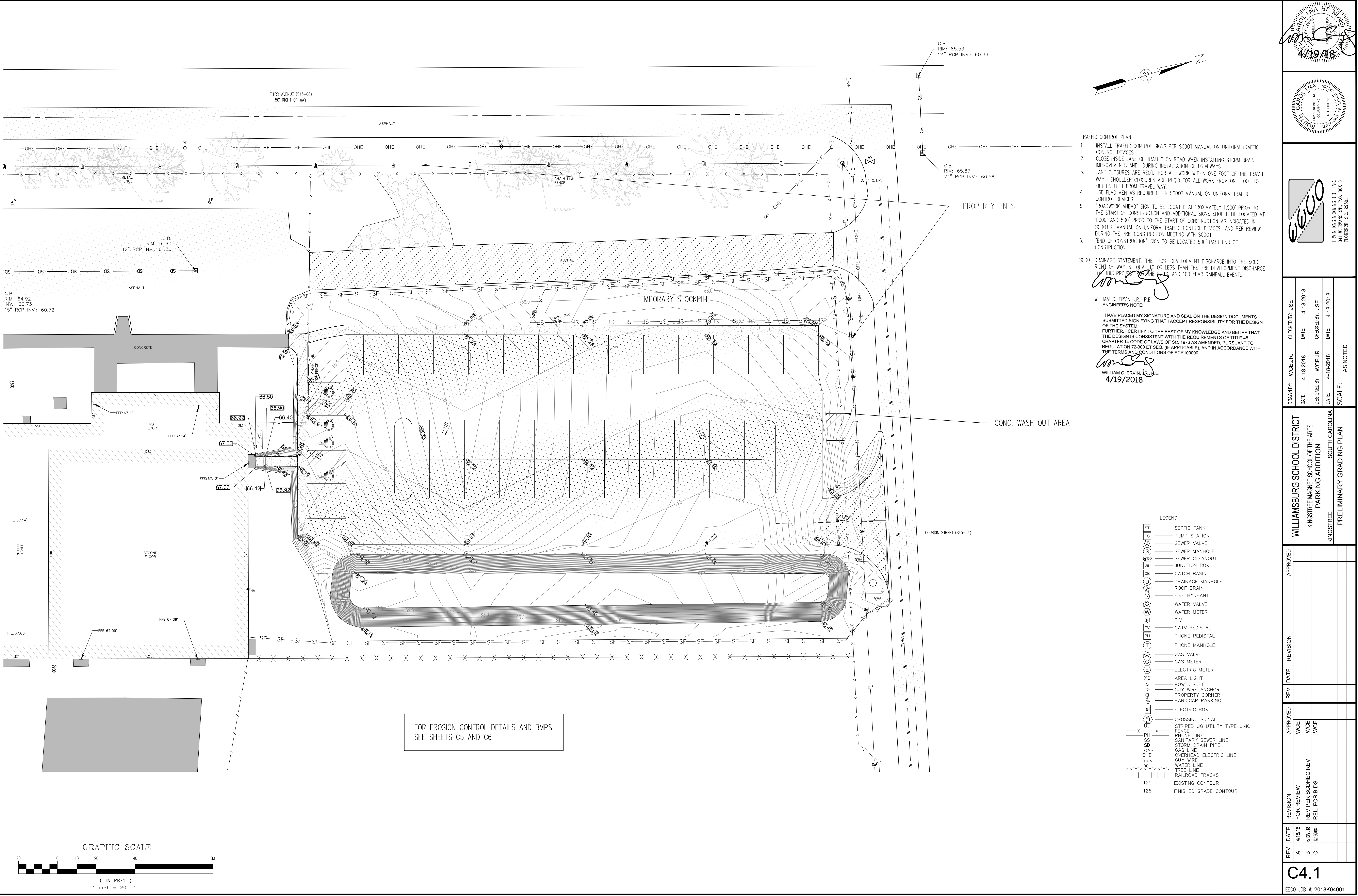


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DATE: 4-18-2018	DATE: 4-18-2018
SCALE: AS NOTED	

WILLIAMSBURG SCHOOL DISTRICT  
 KINGSTREE MAGNET SCHOOL OF THE ARTS  
 PARKING ADDITION  
 KINGSTREE SOUTH CAROLINA  
 PRELIMINARY GRADING PLAN

REV	DATE	REVISION	APPROVED
A	4/18/18	FOR REVIEW	WCE
B	5/10/18	REV PER SCDOT/EC REV	WCE
C	12/20/18	REL. FOR BIDS	WCE

**C4.1**  
 EECO JOB # 2018K04001



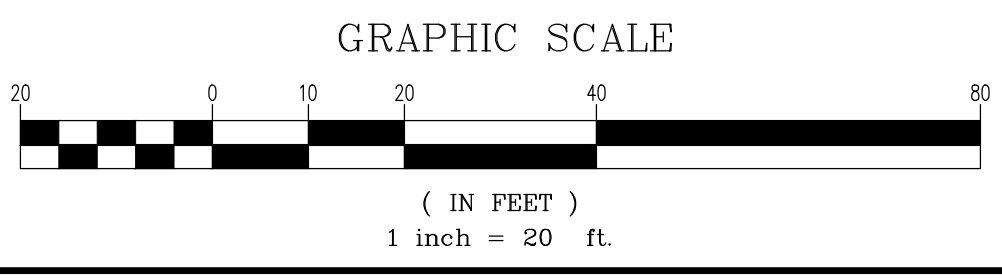
- TRAFFIC CONTROL PLAN:
- INSTALL TRAFFIC CONTROL SIGNS PER SCDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - CLOSE INSIDE LANE OF TRAFFIC ON ROAD WHEN INSTALLING STORM DRAIN IMPROVEMENTS AND DURING INSTALLATION OF DRIVEWAYS.
  - LANE CLOSURES ARE REQ'D. FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SHOULDER CLOSURES ARE REQ'D FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM TRAVEL WAY.
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  - "ROADWORK AHEAD" SIGN TO BE LOCATED APPROXIMATELY 1,500' PRIOR TO THE START OF CONSTRUCTION AND ADDITIONAL SIGNS SHOULD BE LOCATED AT 1,000' AND 500' PRIOR TO THE START OF CONSTRUCTION AS INDICATED IN SCDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND PER REVIEW DURING THE PRE-CONSTRUCTION MEETING WITH SCDOT.
  - "END OF CONSTRUCTION" SIGN TO BE LOCATED 500' PAST END OF CONSTRUCTION.
- SCDOT DRAINAGE STATEMENT: THE POST DEVELOPMENT DISCHARGE INTO THE SCDOT RIGHT OF WAY IS EQUAL TO OR LESS THAN THE PRE DEVELOPMENT DISCHARGE FOR THIS PROJECT AT THE 10, AND 100 YEAR RAINFALL EVENTS.

WILLIAM C. ERVIN, JR., P.E.  
 ENGINEER'S NOTE:  
 I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM.  
 FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

*William C. Ervin, Jr.*  
 WILLIAM C. ERVIN, JR., P.E.  
 4/19/2018

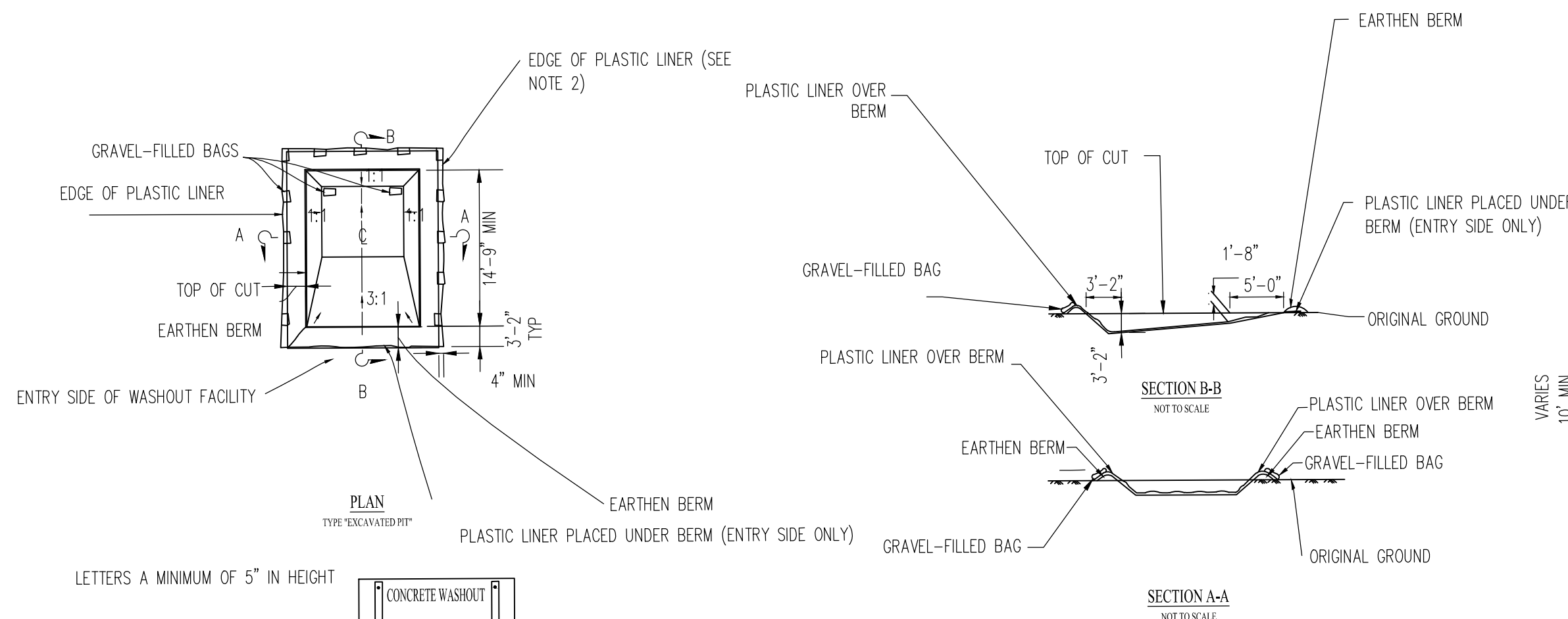
- LEGEND
- ST SEPTIC TANK
  - PS PUMP STATION
  - SV SEWER VALVE
  - SM SEWER MANHOLE
  - SCB SEWER CLEANOUT
  - JB JUNCTION BOX
  - CB CATCH BASIN
  - DM DRAINAGE MANHOLE
  - RD ROOF DRAIN
  - FH FIRE HYDRANT
  - WV WATER VALVE
  - WM WATER METER
  - PIV PIV
  - CPV CATV PEDISTAL
  - PHM PHONE MANHOLE
  - GV GAS VALVE
  - GM GAS METER
  - EM ELECTRIC METER
  - AL AREA LIGHT
  - PP POWER POLE
  - GA GUY WIRE ANCHOR
  - PC PROPERTY CORNER
  - HP HANDICAP PARKING
  - EB ELECTRIC BOX
  - CS CROSSING SIGNAL
  - ULV STRIPED UG UTILITY TYPE UNK.
  - PH FENCE
  - SD SANITARY SEWER LINE
  - SDS STORM DRAIN PIPE
  - GS GAS LINE
  - OHE OVERHEAD ELECTRIC LINE
  - GW GUY WIRE
  - WL WATER LINE
  - TL TREE LINE
  - RT RAILROAD TRACKS
  - 125- EXISTING CONTOUR
  - 125 FINISHED GRADE CONTOUR

FOR EROSION CONTROL DETAILS AND BMPS SEE SHEETS C5 AND C6



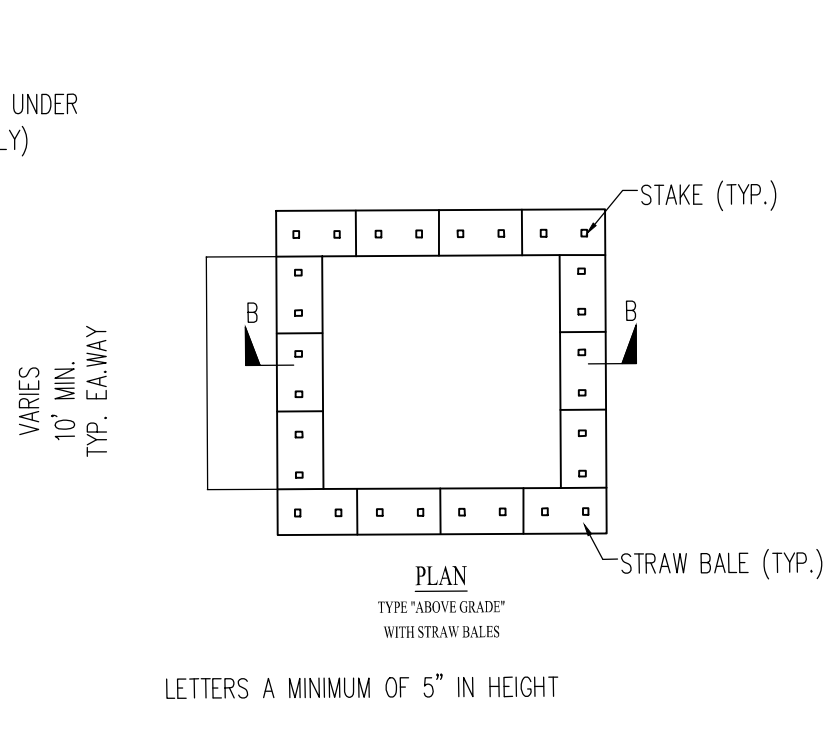


EXCAVATED PIT CONCRETE WASHOUT



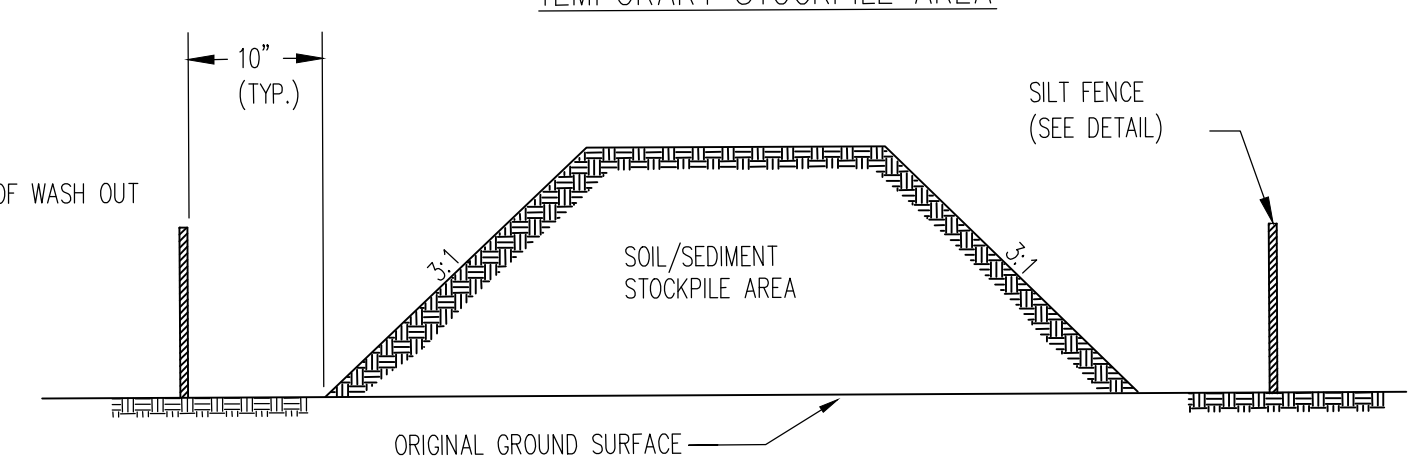
- NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
  4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
  5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
  6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
  7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

STRAW BALE BARRIER CONCRETE WASHOUT

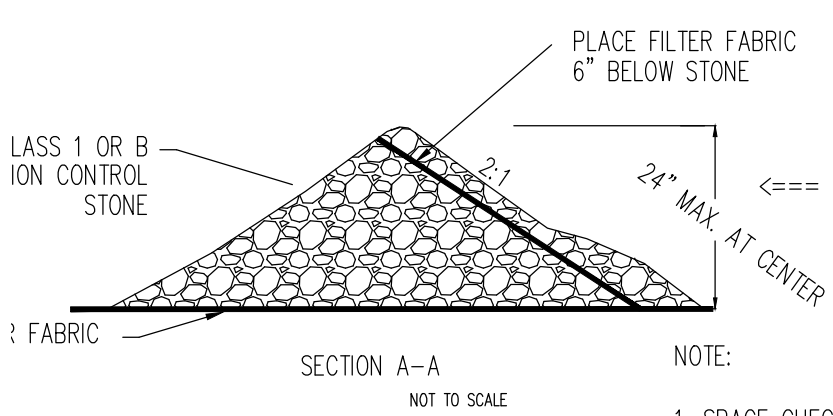


- NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
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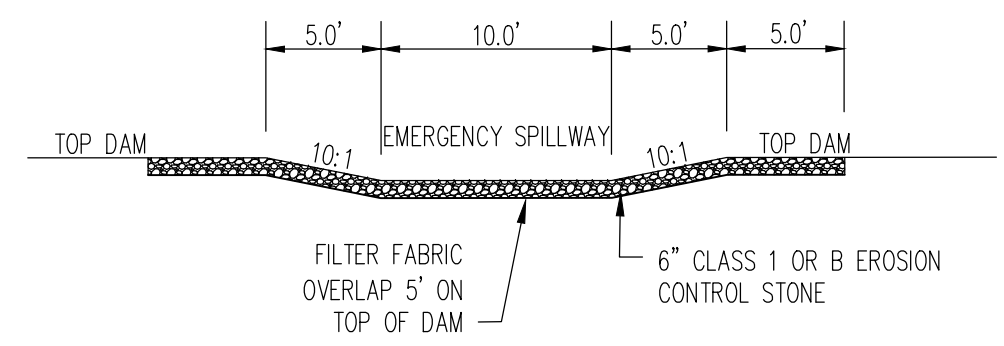
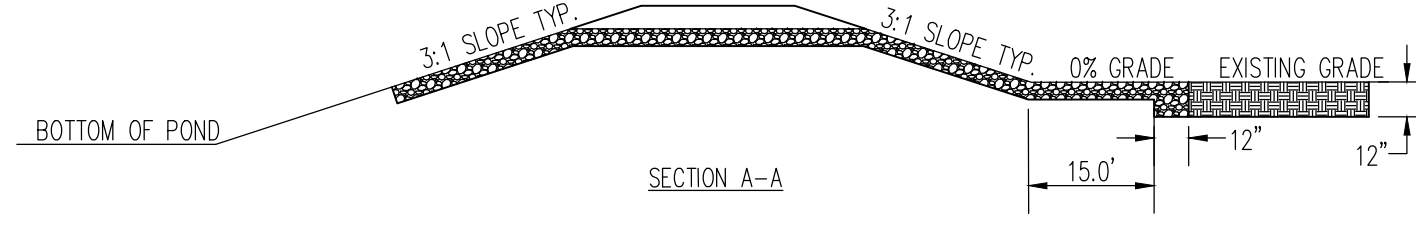
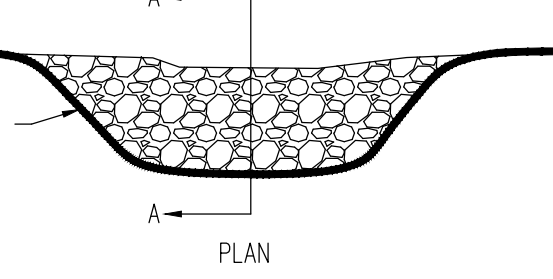
TEMPORARY STOCKPILE AREA



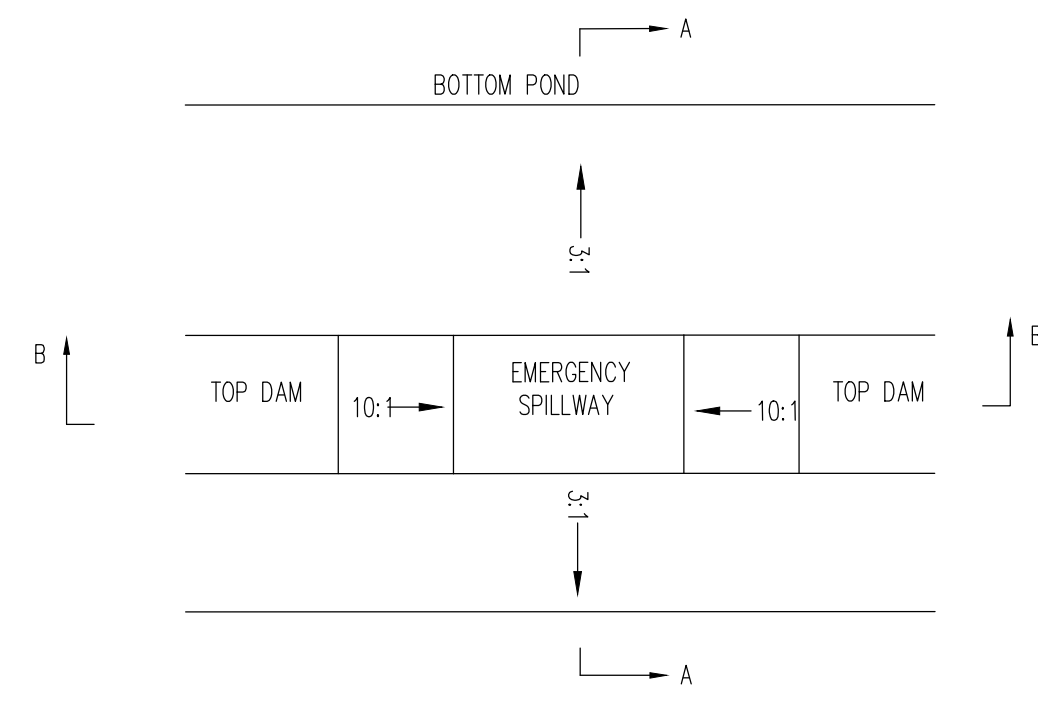
- MAINTENANCE NOTES:
1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE, THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN-GRADIENT AREA.
  2. IF SILT FENCE SHOWS ANY GAPS OR DAMAGE, IT MUST BE REPAIRED IMMEDIATELY.
  3. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED USING GRASSING PER SHEET C9.
  4. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
  5. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL. SILT FENCING MUST BE INSPECTED EVERY 7-CALENDAR DAYS OR AFTER ANY RAINFALL EVENT OF 1/2" OR MORE.
- ANY SEDIMENT SHOULD BE REMOVED AND PROPERLY DISPOSED OF AND SILT FENCING SHOULD BE REPAIRED WHERE NEEDED.



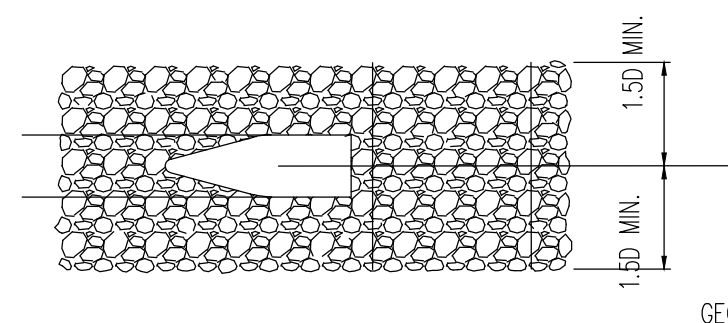
- NOTE:
1. SPACE CHECK DAMS IN THE CHANNEL SO THAT THE CREST OF THE DOWNSTREAM DAM IS AT THE ELEVATION OF THE TOE OF THE UPSTREAM DAM.



INFILTRATION POND DETAILS

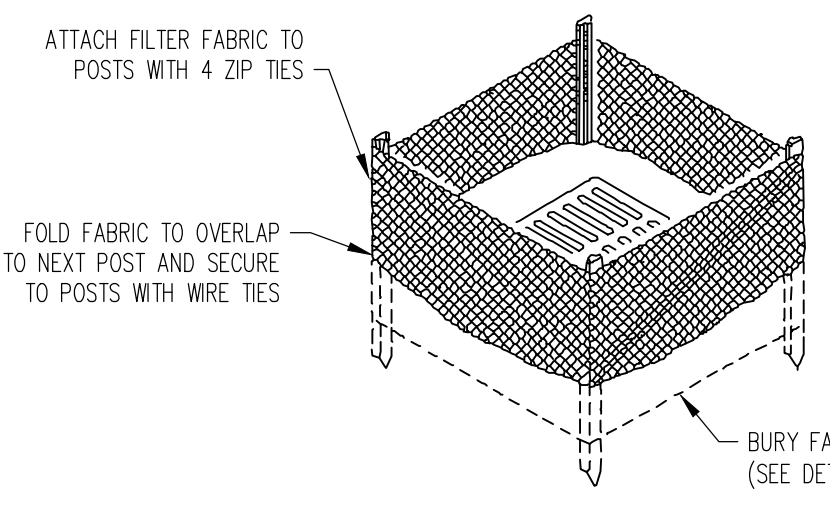


INFILTRATION POND DAM AND EMERGENCY SPILLWAY DETAILS FOR ELEVATIONS SEE SHEETS C4 AND C4.1

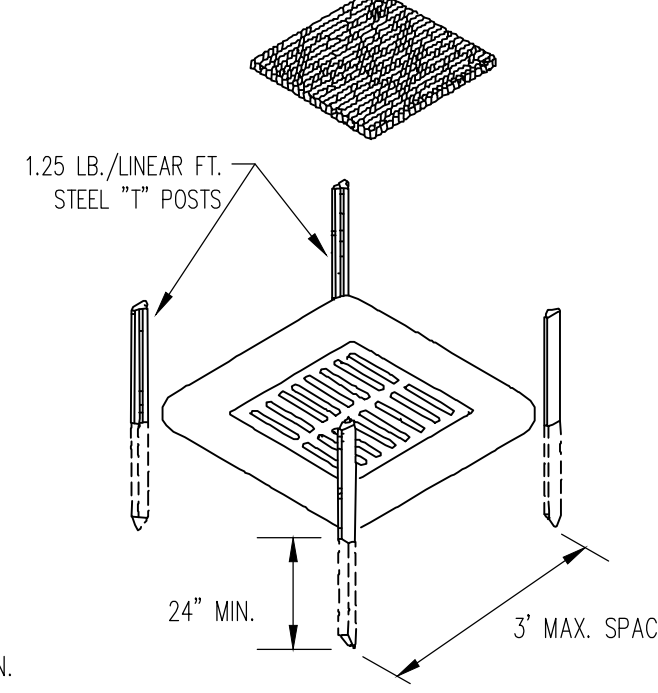


OUTLET STRUCTURE DETAIL

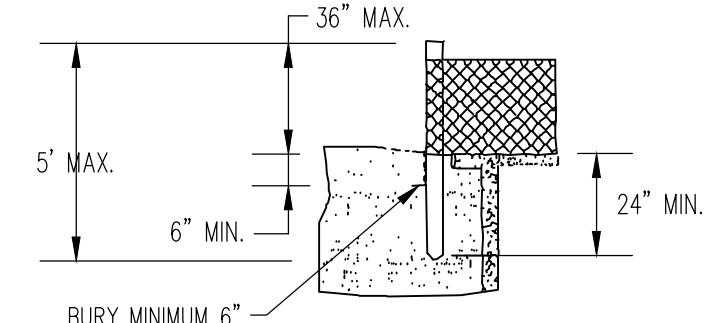
- NOTES:
1. MINIMUM DESIGN SHOULD EQUAL SCDD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
  2. RIP-RAP SHALL BE 6" TO 10" STONES WEIGHING BETWEEN 5 TO 150 LBS., BUT AT LEAST 30 % OF THE TOTAL WEIGHT SHALL BE INDIVIDUAL PIECES WEIGHING A MINIMUM OF 60 LBS.
  3. WHEN RIP-RAP EMPTIES INTO A DITCH OR SWALE, THE RIP-RAP SHALL TAKE THE SHAPE OF THE DITCH OR SWALE.



FILTER FABRIC INSTALLATION DETAIL

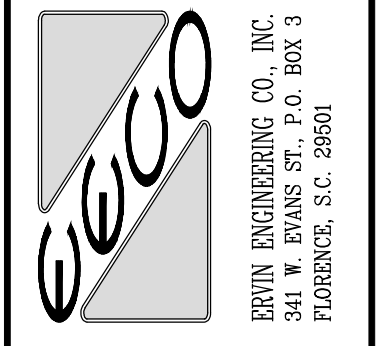
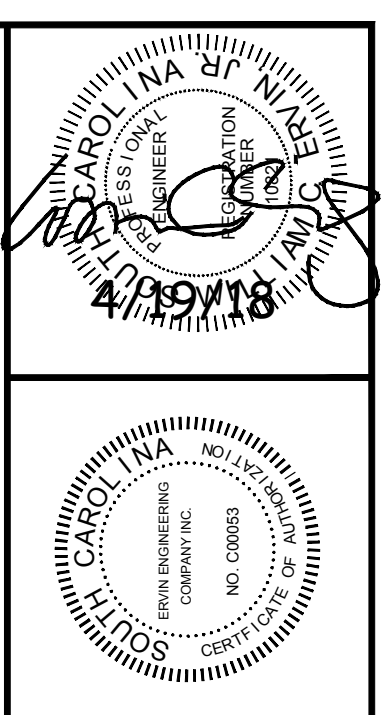


POST INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

- GENERAL SEDIMENT CONTROL NOTES
- INLET PROTECTION INSPECTION AND MAINT.
1. INSPECT EVERY 7 DAYS AND WITHIN 24-HOURS AFTER EA. STORM THAT PRODUCES 1/2" OR MORE OF RAINFALL. HANDLE ANY DAMAGE IMMEDIATELY.
  2. INSPECT AFTER INSTALLATION FOR GAPS THAT MAY PERMIT SED. TO ENTER STORM DRAIN SYSTEM.
  3. REMOVE ACCUMULATED SED. AND DEBRIS FROM SURFACE AND VICINITY OF INLET FILTERS AFTER EA. RAIN EVENT OR AS DIRECTED BY THE ENGINEER, INSPECTOR, OR MANUFACTURER'S REP.
  4. REMOVE SED. WHEN IT REACHES 1/2 THE HEIGHT OF THE INLET FILTER. IF A SUMP IS USED, REMOVE SED. WHEN IT FILLS 1/2 THE DEPTH OF THE HOLE. MAINTAIN POOL AREA, ALWAYS PROVIDING ADEQUATE SED. STORAGE VOLUME FOR NEXT STORM EVENT.
  5. REMOVE, MOVE, AND/OR REPLACE AS REQUIRED TO ADAPT TO CHANGING CONST. SITE ACTIVITIES.
  6. REMOVE INLET FILTERS FROM THE SITE WHEN THE FUNCTIONAL LIFE IS EXCEEDED AS DETERMINED BY THE ENGINEER, INSPECTOR, OR MFG. REP.
  7. DISPOSE OF INLET FILTERS NO LONGER IN USE AT AN APPROPRIATE RECYCLING OR SOLID WASTE FACILITY.
  8. PRIOR TO STABILIZATION, BACKFILL AND REPAIR ALL TRENCHES, DEPRESSIONS, AND OTHER GROUND DISTURBANCES CAUSED BY THE REMOVAL OF INLET FILTERS.
  9. REMOVE ALL CONST. MATL. AND SED. AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREAS TO THE ELEVATION OF THE INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.



DRAWN BY:	WJCE, JR.	CHECKED BY:	JSE
DATE:	4-18-2018	DATE:	4-18-2018
DESIGNED BY:	WJCE, JR.	CHECKED BY:	JSE
DATE:	4-18-2018	DATE:	4-18-2018
SCALE:		AS NOTED	

WILLIAMSBURG SCHOOL DISTRICT  
 KINGSTREE MAGNET SCHOOL OF THE ARTS  
 PARKING ADDITION  
 KINGSTREE SOUTH CAROLINA  
 EROSION CONTROL DETAILS

REV	DATE	REVISION	APPROVED
A	6/14/2018	PER SCDC REVIEW	
B	1/27/2018	REL FOR BIDS	