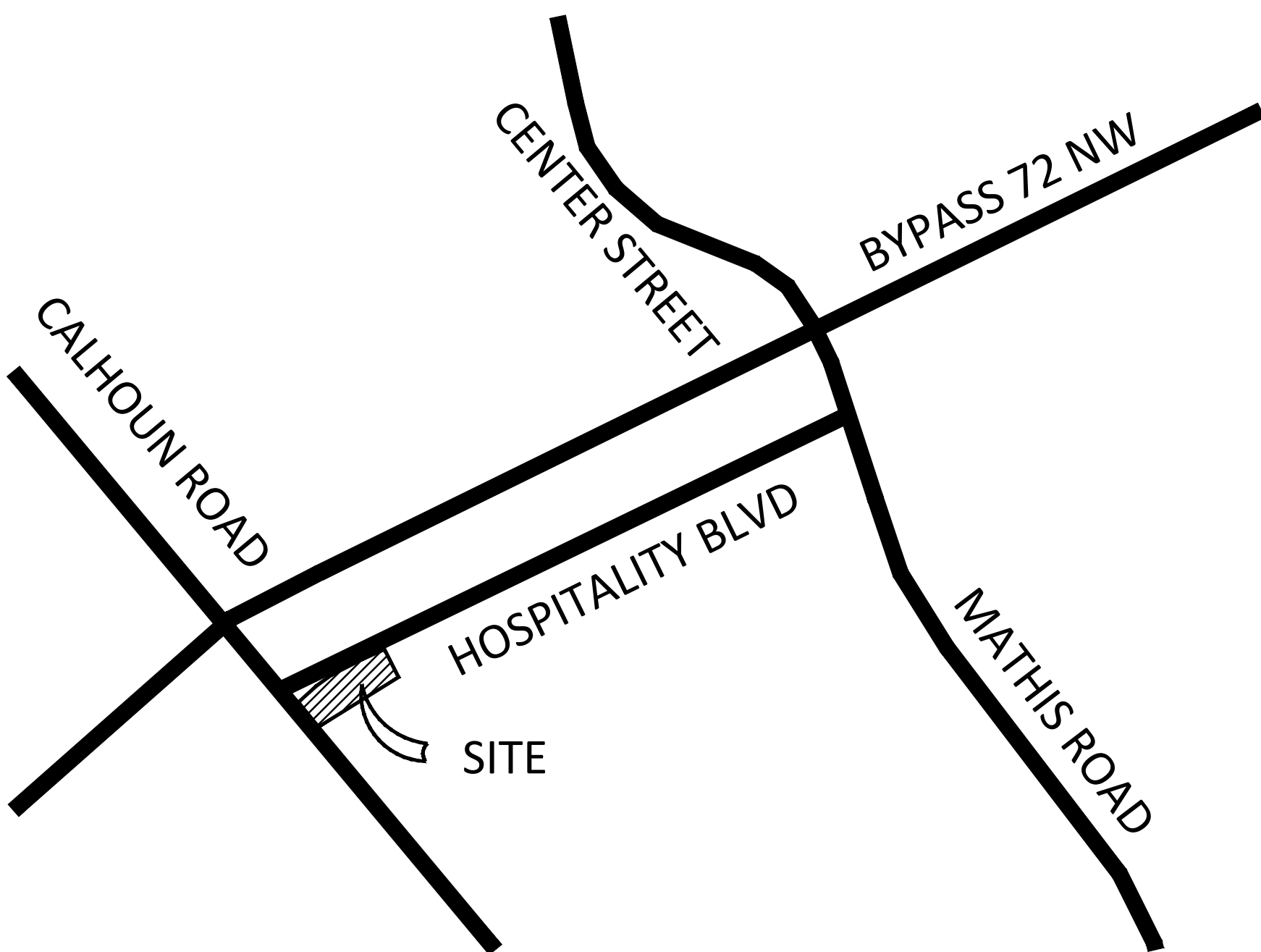


SITE DEVELOPMENT PLANS FOR:
HOME 2 SUITES
BY HILTON
475 HOSPITALITY BOULEVARD
GREENWOOD, SOUTH CAROLINA

CONTACT INFORMATION

GREENWOOD COUNTY ENGINEERING		ELECTRIC DISTRIBUTION	
COMPANY:	GREENWOOD COUNTY ENGINEERING	COMPANY:	DUKE ENERGY
ADDRESS:	528 MONUMENT ST, ROOM B-03 GREENWOOD, SC 29646	ADDRESS:	
PHONE:	864 942-8639	PHONE:	864 227-5433
CONTACT:	RETT TEMPLETON	CONTACT:	NEIL ANDERSON
GREENWOOD COUNTY PLANNING		FIRE DISTRICT	
COMPANY:	GREENWOOD COUNTY PLANNING DEPARTMENT	COMPANY:	GREENWOOD COUNTY STATION 30
ADDRESS:	538 MONUMENT ST, ROOM B-01 GREENWOOD, SC 29646	ADDRESS:	201 OAKWOOD DR GREENWOOD, SC 29649
PHONE:	864 942-8631	PHONE:	864 223-8075
CONTACT:	CHRISTOPHER HUDSON	CONTACT:	CHIEF CHAD KELLUM
SCDHEC - STORMWATER			
COMPANY:	SCDHEC - STORMWATER PERMITTING		
ADDRESS:	2600 BULL ST COLUMBIA, SC 29201		
PHONE:	864 898-4300		
CONTACT:			
SANITARY SEWER			
COMPANY:	GREENWOOD METROPOLITAN SEWER DISTRICT		
ADDRESS:	110 METRO DR GREENWOOD, SC 29646		
PHONE:	864 942-3901		
CONTACT:	BRIAN WALDROP		
WATER DISTRIBUTION			
COMPANY:	GREENWOOD COMMISSIONERS OF PUBLIC WORKS		
ADDRESS:	P.O. BOX 549 GREENWOOD, SC 29648		
PHONE:	864 942-8199		
CONTACT:	RUSSELL HOLLEY		

LOCATION MAP



(NOT TO SCALE)

SHEET INDEX

1.	T-1	TITLE SHEET
2.	CV-0	DEMOLITION PLAN
3.	CV-1	STAKEOUT PLAN
4.	CV-2	GRADING, DRAINAGE, AND EROSION CONTROL PLAN
5.	CV-3	UTILITY PLAN
6.	EC-1	EROSION & SEDIMENTATION CONTROL PLAN - PHASE 1
7.	EC-2	EROSION & SEDIMENTATION CONTROL PLAN - PHASE 2
8.	D-1	MISCELLANEOUS NOTES AND DETAILS
9.	D-2	MISCELLANEOUS NOTES AND DETAILS
10.	D-3	MISCELLANEOUS NOTES AND DETAILS
11.	D-4	MISCELLANEOUS NOTES AND DETAILS
12.	D-5	MISCELLANEOUS NOTES AND DETAILS
13.	D-6	MISCELLANEOUS NOTES AND DETAILS
14.	D-7	MISCELLANEOUS NOTES AND DETAILS
15.	D-8	MISCELLANEOUS NOTES AND DETAILS
16.	D-9	MISCELLANEOUS NOTES AND DETAILS
17.	D-10	MISCELLANEOUS NOTES AND DETAILS
18.	D-11	MISCELLANEOUS NOTES AND DETAILS
19.	D-12	MISCELLANEOUS NOTES AND DETAILS
20.	D-13	MISCELLANEOUS NOTES AND DETAILS
21.	1.0	LANDSCAPE PLAN
22.	2.0	LANDSCAPE PLAN
23.	SS-1	SANITARY SEWER PROFILE
24.	SS-2	SANITARY SEWER DETAILS

OWNER

HOSPITALITY HOTEL GROUP LLC
475 HOSPITALITY BLVD
ANDERSON, SC 29621
864-907-0252

NOTES:
ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS
REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES
SHALL BE PERFORMED PRIOR TO ANY BUILDING
POSSESSION AND THE FINAL CONNECTION OF SERVICES.

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 of the 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.

I hereby certify that these plans were prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of South Carolina and that I am competent to prepare this document.

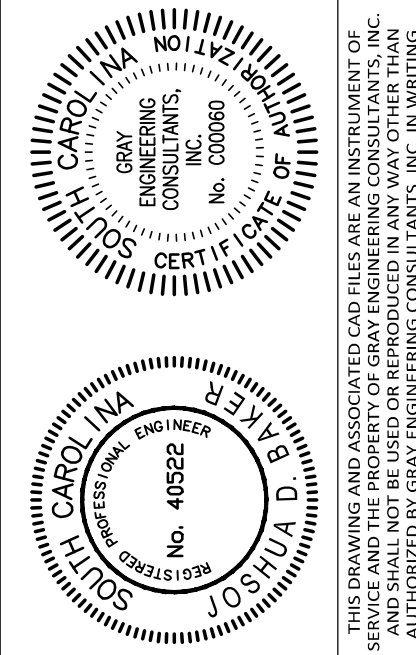
South Carolina Registration No. 40522

SAFETY NOTE TO CONTRACTOR
THE CONTRACTOR SHALL SHORE TRENCH EXCAVATION AND
USE PIPE BOX TO COMPLY WITH ALL OSHA SAFETY
REGULATIONS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY
TO PROVIDE JOB SITE SAFETY AND COMPLY WITH ALL SAFETY
REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR HIS
MEANS AND METHODS OF CONSTRUCTION.



UTILITY NOTE TO CONTRACTOR
THE UTILITIES SHOWN ARE FOR THE CONTRACTOR'S
CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT
SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO
RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE
THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE
LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK.
ALL DAMAGE MADE TO EXISTING UTILITIES BY THE
CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE
CONTRACTOR.

NO.	DATE	BY	REVISION
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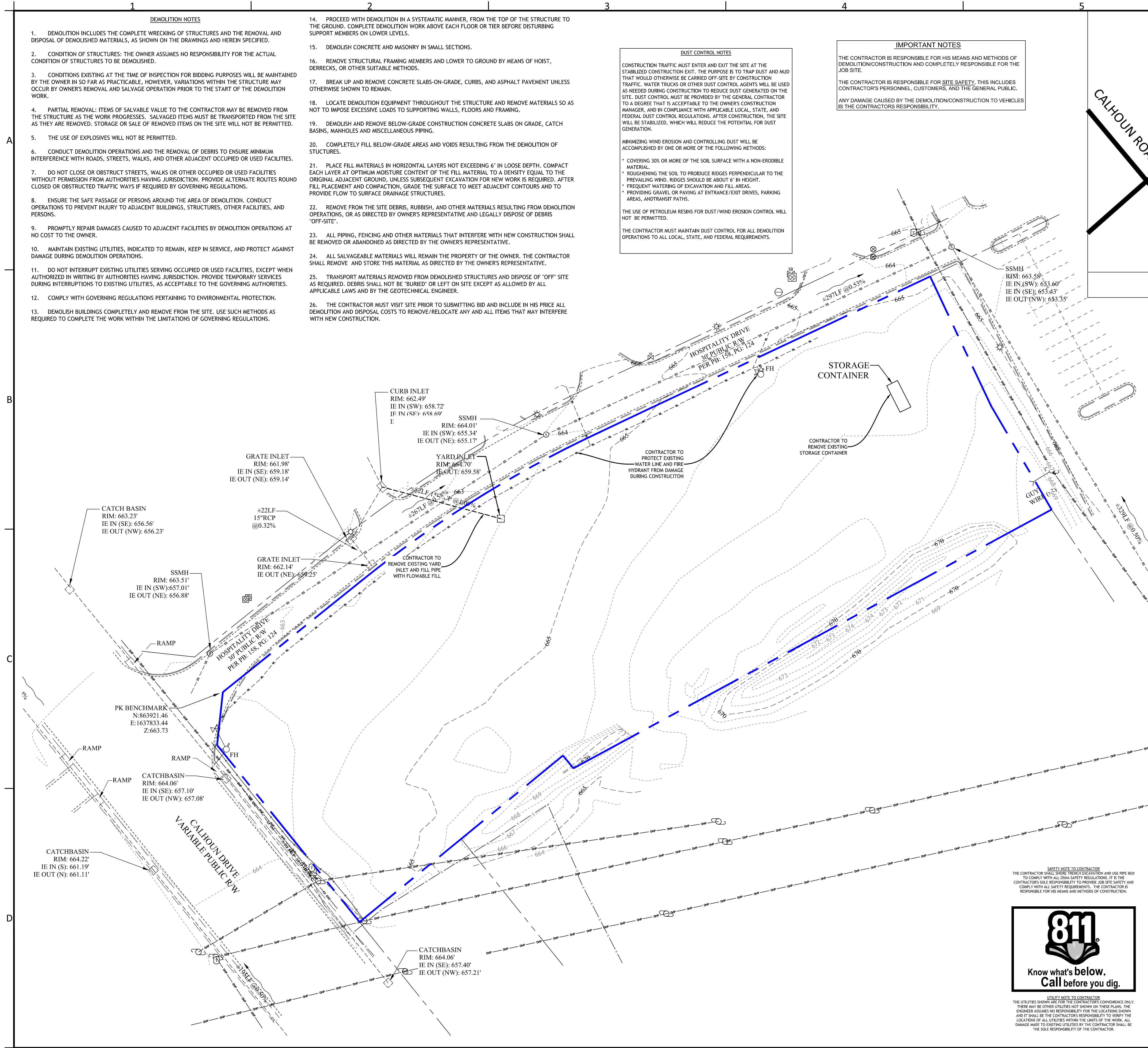


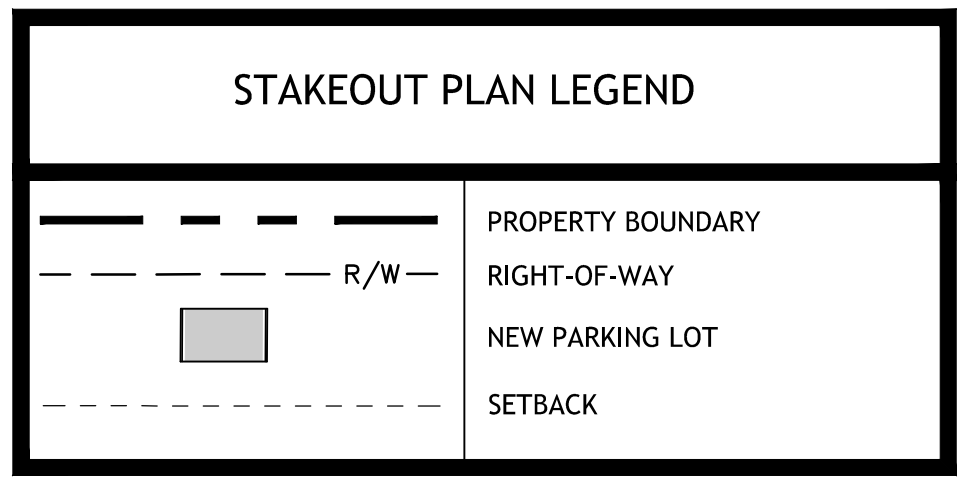
TITLE SHEET
PROPOSED
HOME 2 SUITES
BY HILTON
GREENWOOD COUNTY
SOUTH CAROLINA
475 HOSPITALITY BOULEVARD

SCALE:	
PROJECT MANAGER:	ZDJ
DRAWN BY:	MSG
PROJECT DATE:	5/3/2023
JOB No.:	2023104
PLOT DATE:	3/26/25

SHEET
T-1

2023104-Details.dwg





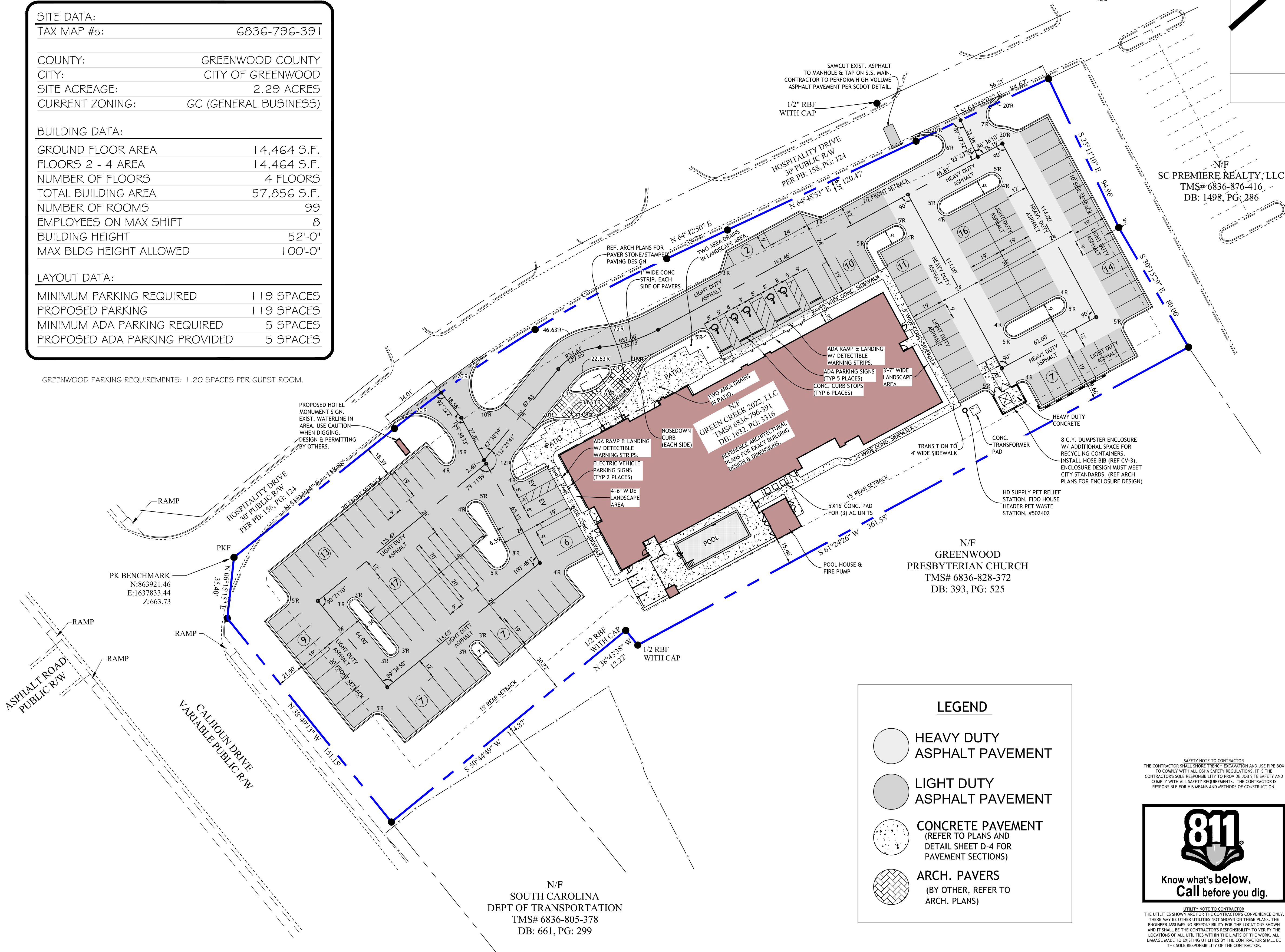
SITE DATA:
TAX MAP #s: 6836-796-391

COUNTY: GREENWOOD COUNTY
CITY: CITY OF GREENWOOD
SITE ACREAGE: 2.29 ACRES
CURRENT ZONING: GC (GENERAL BUSINESS)

BUILDING DATA:
GROUND FLOOR AREA 14,464 S.F.
FLOORS 2 - 4 AREA 14,464 S.F.
NUMBER OF FLOORS 4 FLOORS
TOTAL BUILDING AREA 57,856 S.F.
NUMBER OF ROOMS 99
EMPLOYEES ON MAX SHIFT 8
BUILDING HEIGHT 52'-0"
MAX BLDG HEIGHT ALLOWED 100'-0"

LAYOUT DATA:
MINIMUM PARKING REQUIRED 119 SPACES
PROPOSED PARKING 119 SPACES
MINIMUM ADA PARKING REQUIRED 5 SPACES
PROPOSED ADA PARKING PROVIDED 5 SPACES

GREENWOOD PARKING REQUIREMENTS: 1.20 SPACES PER GUEST ROOM.



SITE LOCATION MAP
(NOT TO SCALE)

SETBACKS:
HOSPITALITY DRIVE: 20'
CALHOUN DRIVE: 30'
SIDE: 10'
REAR: 15'

- SPECIAL GRAY ENGINEERING NOTES:
- SITE CONTRACTOR SHALL HAVE AN ACCEPTABLE SOIL TESTING FIRM/GEOTECH TEST ALL EARTHWORK COMPACTION. PROOF ROLL ALL AREAS AND SUBMIT REPORTS TO THE OWNER ON A WEEKLY BASIS.
 - SITE CONTRACTOR TO SUBMIT A WEEKLY TIME LOG OF CONSTRUCTION EVENTS INCLUDING DATE STARTED AND COMPLETED EACH WEEK ALONG WITH SITE PHOTOS SENT OR E-MAILED TO THE OWNER.
 - NO CLEARING DEBRIS OR TOPSOIL TO BE BURIED ON SITE. ALL FILL TO BE FREE OF ORGANICS AND ROCK.
 - FRONT LOT PINS SHALL BE SET BY R.L.S. (REGISTER LAND SURVEYOR) BEFORE STORM DRAINAGE, WATER LINES AND SEWER LINES ARE INSTALLED.
 - ALL BUILDING DOWNSPOUTS MUST BE PIPED TO EXISTING CATCH BASINS, DRAINAGE SWALES, OR SLOPE DRAINS. INSTALL TO ELIMINATE RUNOFF OVER SLOPES AND PONDING AROUND BUILDING.
 - A BUFFER SHOULD BE MAINTAINED BETWEEN ALL WOS AND CLEARLY DELINEATED BY FLAG, TAPE OR SIMILAR MAKING DEVICES TO ENSURE THE BUFFER AREA(S) IS VISIBLE.
 - SWALES TO BE CONSIDERED STORMWATER FEATURES AND TO BE INCLUDED IN THE MAINTENANCE OF ALL STORMWATER FEATURES AND TO BE INCLUDED ON FINAL PLAN.
 - ALL FILL SHALL BE COMPACTED TO 95% STD. PROCTOR PER ASTM D-698. THE BUILDING PAD AREA SHALL BE PROFF-ROLLED (201 PUMP TRUCK). ALL SOFT SPOTS (IF ANY) SHALL BE UNDERCUT AND COMPACTED TO 98% STANDARD UNDER BUILDING. THIS INCLUDES ALL TRENCH COMPACTION AFTER EXISTING UTILITY IS REMOVED AND ALL NEW TRENCH UNDER BUILDING.
 - SECONDARY PERMITEE (BUILDER) SHALL ENSURE POSITIVE DRAINAGE FOR EACH INDIVIDUAL LOT AND IS RESPONSIBLE FOR INDIVIDUAL LOT SWALES NOT SHOWN ON PLANS. SWALES SHOWN ON PLANS ARE FOR OVERALL DRAINAGE PATTERNS DEEMED NECESSARY BY THE ENGINEER.

NOTE:
IF DISCREPANCY IS DISCOVERED
ON SITE, CONTACT ENGINEER
IMMEDIATELY FOR REVIEW

LEGEND

- HEAVY DUTY ASPHALT PAVEMENT
- LIGHT DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT (REFER TO PLANS AND DETAIL SHEET D-4 FOR PAVEMENT SECTIONS)
- ARCH. PAVERS (BY OTHER, REFER TO ARCH. PLANS)

SAFETY NOTE TO CONTRACTOR
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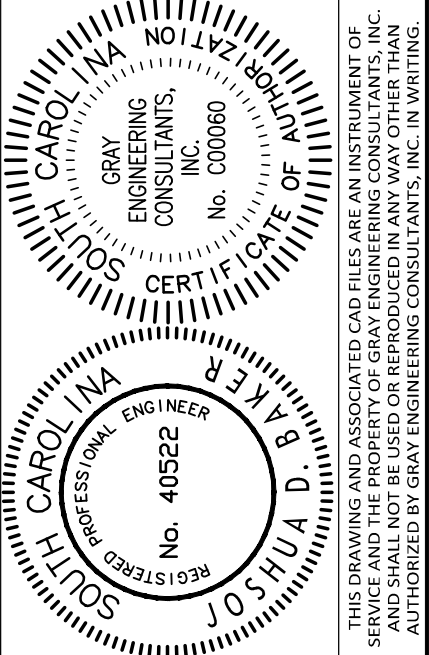
PROPOSED HOME 2 SUITES HOTEL

DEVELOPER	ENGINEER
PARAGON HOTEL COMPANY RICKY PATEL 109 DESTINATION BLVD. ANDERSON, SC 29621 864-375-0037	GRAY ENGINEERING JOSHUA D BAKER, P.E. 132 PILGRIM ROAD GREENVILLE, SC 29607 864-297-3027

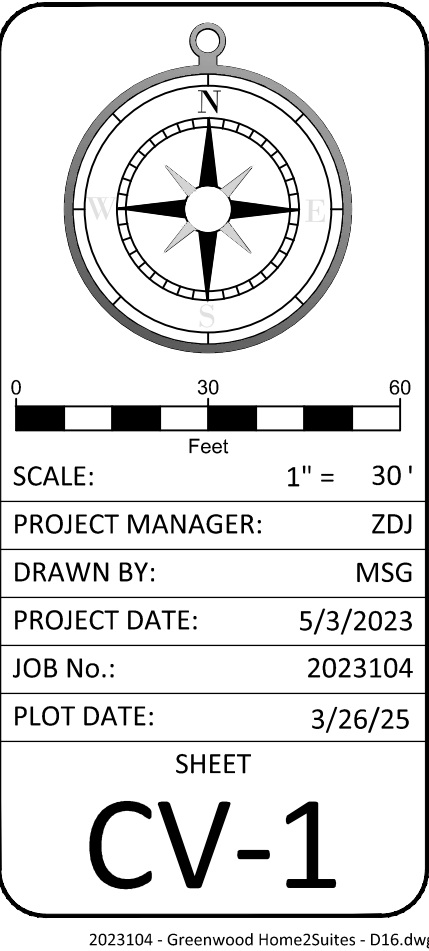
TAX MAP#: 6836-796-391

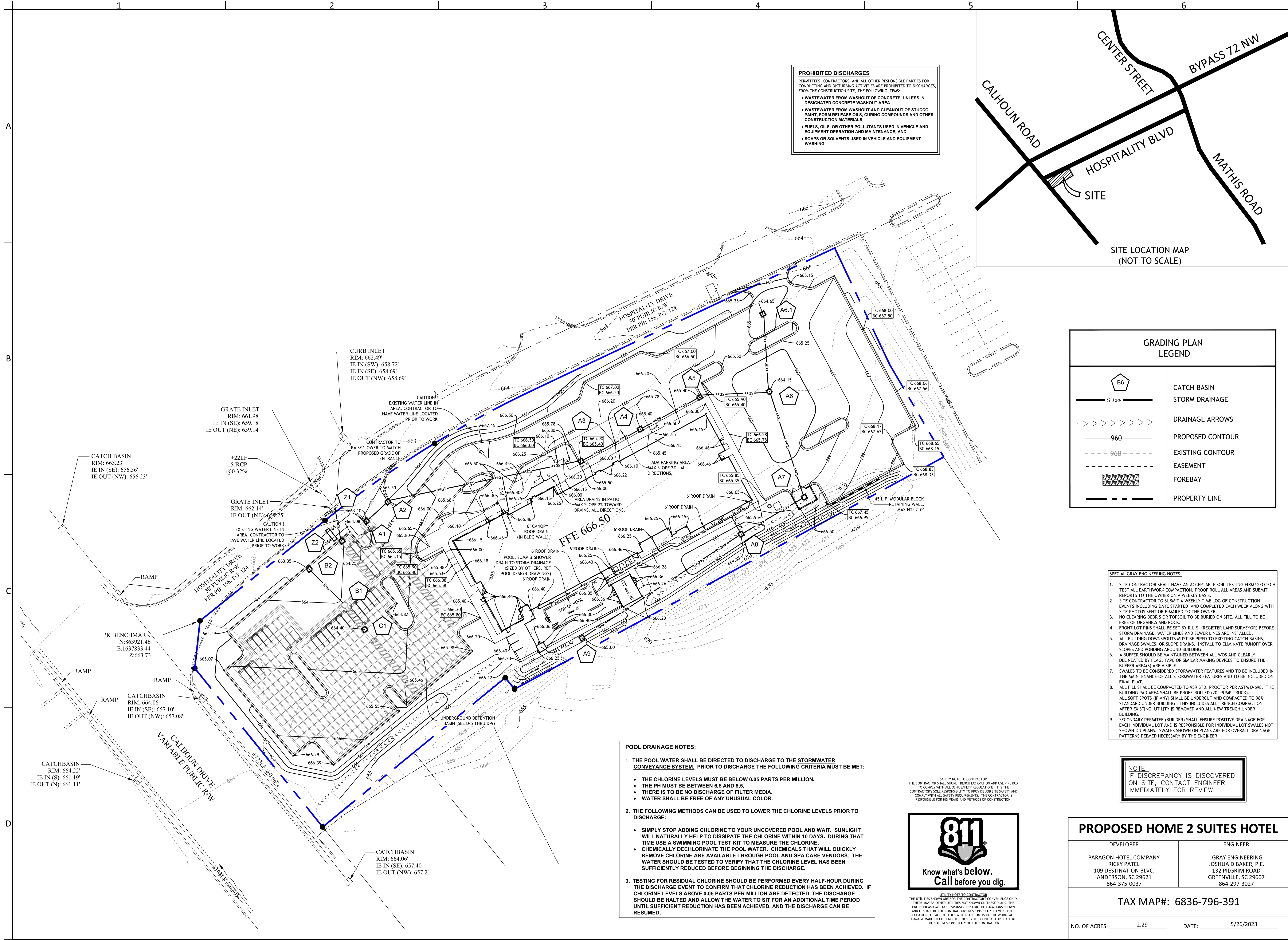
NO. OF ACRES: 2.29 DATE: 5/26/2023

NO.	DATE	BY	REVISION
A	7/19/24	MSG	REVISIONS - RESUBMITTAL
B	9/20/24	MSG	REVISE POOL PATIO & FIRE PROTECTION - IFA
C	11/22/24	MSG	REVISE WATER LINES PER CPW - IFA



PRELIMINARY SKETCH PLAN
PROPOSED HOME 2 SUITES BY HILTON
GREENWOOD COUNTY SOUTH CAROLINA
475 HOSPITALITY BOULEVARD





NO.	DATE	BY	REVISIONS - RESUBMITTAL
A	7/19/24	MSG	REVERSE POOL PATIO & FIRE PROTECTION - IFA
B	9/20/24	MSG	REVERSE WATER LINES PER CPW - IFA
C	11/22/24	MSG	

Gray Engineering

132 PILGRIM ROAD - GREENVILLE, SC 29607
PH: 864-297-3027
WWW.GRAYENGINEERING.COM

SC, COA # C00060 - NC, COA # C1217 - GA, COA # PF001941 - TN, COA # 0410819

Gray Engineering

REGISTERED PROFESSIONAL ENGINEER
No. 40522
EXPIRATION DATE 12/31/2025

GRADING, DRAINAGE, AND EROSION CONTROL PLAN

PROPOSED HOME 2 SUITES BY HILTON

GREENWOOD COUNTY SOUTH CAROLINA

475 HOSPITALITY BOULEVARD

0 30 60 Feet

SCALE: 1" = 30'

PROJECT MANAGER: JDI

DRAWN BY: MSG

PROJECT DATE: 5/3/2023

JOB No.: 2023104

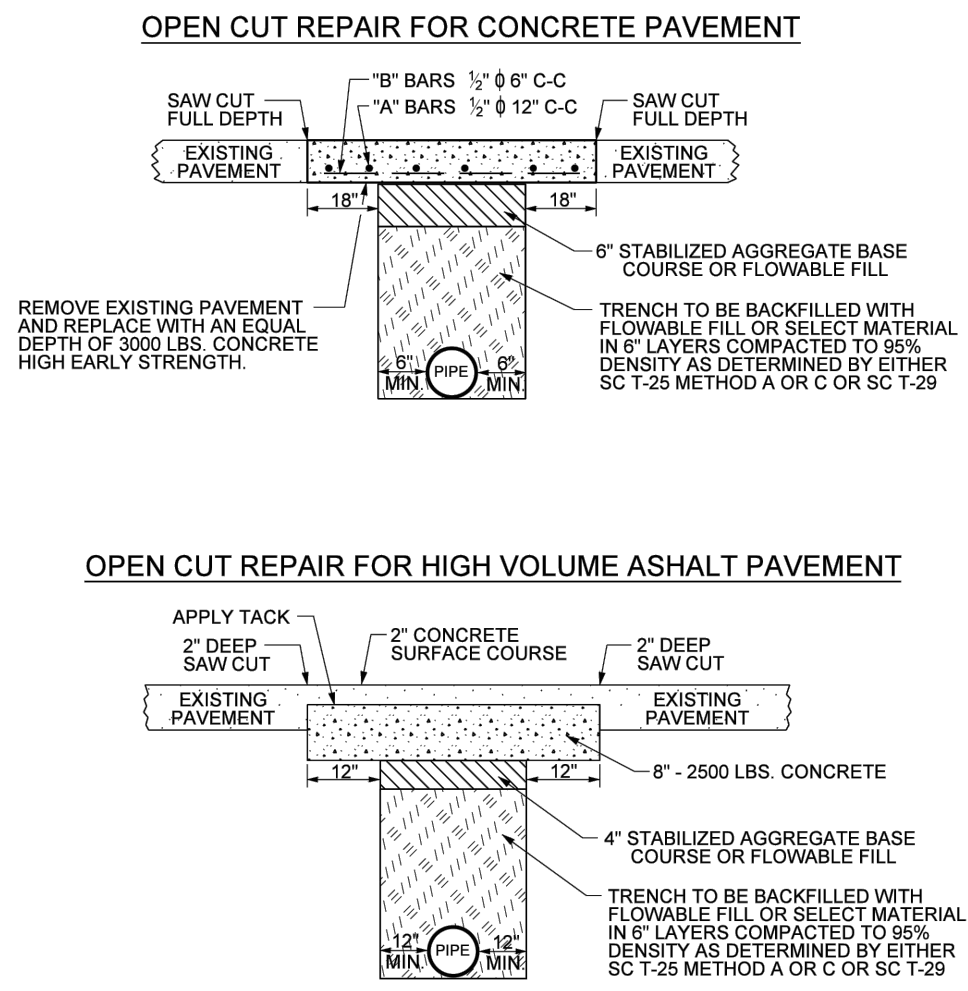
PLOT DATE: 3/26/25

SHEET

CV-2

2023104 - Greenwood Home2Suites - D16.dwg

Appendix B: Pipelines
Figure 4 - Pavement Repairs



DISTRICT 3

UTILITY NOTES

- REFERENCE ARCHITECTURAL/MECHANICAL PLANS FOR EXACT UNDERGROUND UTILITY CONNECTION POINTS AND FOR INTERNAL UNDERGROUND UTILITY UNIONS.
- SANITARY SEWER SERVICE LINES ARE TO BE 6" PVC WITH A MINIMUM SLOPE OF 1.00%, UNLESS OTHERWISE NOTED.
- SITE LIGHTING SHOWN FOR REFERENCE ONLY.
- REFERENCE MECHANICAL DESIGN FOR SIZES, FITTINGS, AND DESIGN OF POOL DRAIN, OUTDOOR SHOWER DRAIN, AND SUMP DRAIN. CONNECT ALL DRAINS TOGETHER VIA 6" PVC, INCLUDE SANITARY SEWER CLEANOUT AS SHOWN, AND DRAIN TO EXISTING SANITARY SEWER SYSTEM.
- CONTRACTOR SHALL PROVIDE A PRIVATE UTILITY LOCATE SERVICE TO MARK ALL EXISTING UTILITY SERVICES TO THE EXISTING BUILDING ON THE SITE PRIOR TO ANY DEMOLITION OR NEW CONSTRUCTION.

SAWCUT EXIST. ASPHALT TO MANHOLE & TAP ON S.S. MAIN. CONTRACTOR TO PERFORM HIGH VOLUME ASPHALT PAVEMENT PER SCDOT DETAIL.

SITE LOCATION MAP
(NOT TO SCALE)

UTILITY PLAN LEGEND

---	PROPERTY BOUNDARY
---	SCDOT RIGHT-OF-WAY
---	LOT LINES
---	NEW ROAD/CURB & GUTTER
---	DRAINAGE/UTILITY EASEMENTS
---	EXISTING OVERHEAD ELECTRIC
---	EXISTING GAS
---	EXISTING OVERHEAD POWER
---	PROPOSED STORM DRAINAGE
---	PROPOSED WATERLINE
---	EXISTING SANITARY SEWER
---	PROPOSED SANITARY SEWER
---	PROPOSED SANITARY SEWER SERVICE LINE

SPECIAL GRAY ENGINEERING NOTES:

- SITE CONTRACTOR SHALL HAVE AN ACCEPTABLE SOIL TESTING FIRM/GEOTECH TEST ALL EARTHWORK COMPACTION. PROOF ROLL ALL AREAS AND SUBMIT REPORTS TO THE OWNER ON A WEEKLY BASIS.
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- ALL FILL SHALL BE COMPACTED TO 95% STD. PROCTOR PER ASTM D-698. THE BUILDING PAD AREA SHALL BE PROFF-ROLLED (200 PUMP TRUCK). ALL SOFT SPOTS (IF ANY) SHALL BE UNDERCUT AND COMPACTED TO 98% STANDARD UNDER BUILDING. THIS INCLUDES ALL TRENCH COMPACTION AFTER EXISTING UTILITY IS REMOVED AND ALL NEW TRENCH UNDER BUILDING.
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NOTE:
IF DISCREPANCY IS DISCOVERED
ON SITE, CONTACT ENGINEER
IMMEDIATELY FOR REVIEW

WATER LINE CONNECTION NOTES:

GREENWOOD COMMISSION OF PUBLIC WORKS WILL MAKE THE WATER LINE TAP ON THEIR WATER MAIN. CPW WILL PROVIDE AND SET THE VAULT WITH ASSOCIATED APPURTENANCES & PROVIDE STUB OUTS FOR THE CONTRACTOR TO CONNECT TO. OWNER MUST MAKE A FORMAL REQUEST TO CPW AND CPW WILL PROVIDE AN AGREEMENT WITH ESTIMATED COSTS ASSOCIATED WITH THEIR WORK. ONCE OWNER SIGNS THE AGREEMENT, CPW WILL ORDER MATERIALS AND SET AN INSTALL DATE.

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PROPOSED HOME 2 SUITES HOTEL

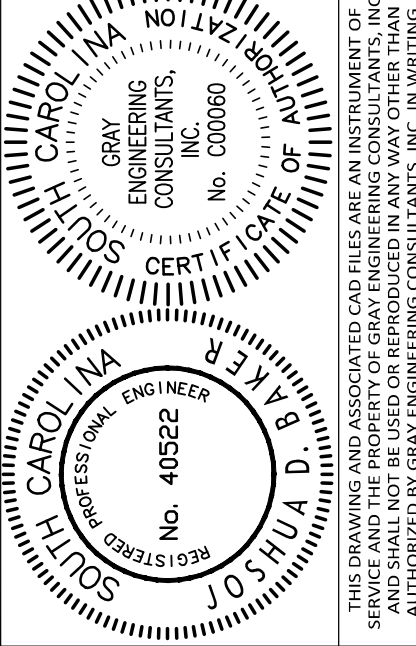
DEVELOPER PARAGON HOTEL COMPANY RICKY PATEL 109 DESTINATION BLVD. ANDERSON, SC 29621 864-375-0037	ENGINEER GRAY ENGINEERING JOSHUA D BAKER, P.E. 132 PILGRIM ROAD GREENVILLE, SC 29607 864-297-3027
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TAX MAP#: 6836-796-391

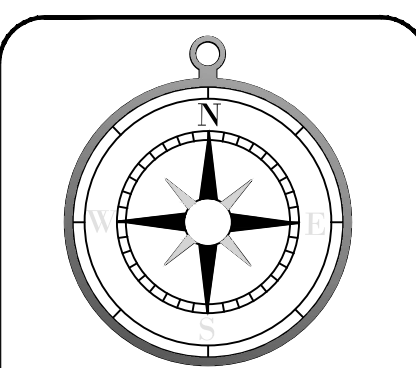
NO. OF ACRES: 2.29 DATE: 5/26/2023

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A	7/19/24	MSG	REVIEW POOL PATIO & FIRE PROTECTION - IFA
B	9/20/24	MSG	REVIEW WATER LINES PER CPW - IFA
C	11/22/24	MSG	
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Gray Engineering
132 PILGRIM ROAD - GREENVILLE, SC 29607
PH: 864-297-3027
WWW.GRAYENGINEERING.COM



UTILITY PLAN
PROPOSED HOME 2 SUITES HOTEL BY HILTON
GREENWOOD COUNTY SOUTH CAROLINA
475 HOSPITALITY BOULEVARD



SCALE: 1" = 30'
PROJECT MANAGER: ZDJ
DRAWN BY: MSG
PROJECT DATE: 5/3/2023
JOB No.: 2023104
PLOT DATE: 3/26/25

SHEET
CV-3

DESIGN ENGINEER SHALL NOTIFY SCHED. AND SET UP PRE-CON MEETING PRIOR TO ANY LAID DISTURBING ACTIVITIES. ENGINEER, SCHED. INSPECTOR, AND CONTRACTOR REQUIRED TO ATTEND MEETING TO DISCUSS SCHED. AND INSPECTION REQUIREMENTS. CONTRACTOR TO SIGN CONTRACTOR CERTIFICATION AND BE KEPT AT JOBSITE AT ALL TIMES. PLEASE ADVISE AS NEEDED FOR ADDITIONAL SUBCONTRACTORS.

CONTRACTOR SHALL OBTAIN CERTIFICATE OF LIABILITY AND WORKERS COVERAGE LETTER. CONTRACTOR CERTIFICATION, STAMPED APPROVED SET OF PLANS, AND CSDPP-90 TO BE KEPT AT JOBSITE AT ALL TIMES.

CONSTRUCTION INSPECTIONS REQUIRED AT LEAST EVERY ONE (1) CALENDAR DAY AFTER CONSTRUCTION BEGINS AND WITHIN 24 HOURS OF EVERY STORM EVENT OF OVER 1/2 INCH OF RAINFALL. RAIN GAUGE TO BE KEPT AT JOBSITE AND LOG UPDATED AFTER ALL RAIN EVENTS OVER 1/2 INCH.

CONTRACTOR SHALL MAINTAIN RECORD OF ALL INSPECTIONS AND RECORD OF ALL INSTALLED STRUCTURES. CONSTRUCTION ENTRANCE MUD-MAT, DISTURBANCE LIMITED TO ONLY WHAT IS NEEDED TO INSTALL DRAINAGE. NO DIRT OR MUD ALLOWED ON HOUSHPITY DRIVE OR CALHOUN DRIVE. CLEAN REASIDUAL DRAINAGE TO INSTANTLY TEMPORARY SEDIMENT BASKIN WITH OUTLET/ CONDUIT. STRUCTURE AND DRAINAGE TO BE REMOVED AS SOON AS POSSIBLE.

CONTRACTOR SHALL NOTIFY SCHED. INSPECTOR ONCE PRELIMINARY EROSION CONTROLS ARE INSTALLED. CONTRACTOR SHALL DEMOLISH IF ANY EXISTING STRUCTURES ON PROPERTY IN ACCORDANCE WITH CITY OF BIRMINGHAM RECORDS.

CONTRACTOR SHALL CAP AND PLUG (IF) ANY WELL IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.

CONTRACTOR SHALL SILENT FIRE, TEMPORARY SEDIMENT BASIN, DIVERSION DITCHES/BERMS, ROCK CHECK DAMS, SILENT ROCK OUTLET AND CONSTRUCTION EATS ARE INSTALLED ACCORDING TO SPECIFICATIONS. CONTRACTOR MAY BEGIN CLEANING AND GRUBBING SITE.

CONTRACTOR SHALL MAINTAIN RECORD OF ALL INSPECTIONS AND RECORD OF ALL INSTALLED STRUCTURES.

PHASE 2 NOT ALLOWED UNTIL ALL BAPS ARE VERIFIED INCLUDING SILENT FIRE, AND CONSTRUCTION EATS.

WHEN INSPECTIONS ARE TO CONTINUE TO CLOSELY MONITOR ALL NEIGHBORHOOD AREAS WHERE STORMWATER IS LEAVING SITE TO CHECK FOR ANY SEDIMENT NOT BEING CAPTURED ONSITE.

- [illegible]

- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM Dewatering TRENCHES AND EXCAVATIONS by installing a silt fence or silt fence with a silt trap. If the discharge is to a stream or other water body, an ADDITIONAL SILT FENCE WITH APPROVAL OF ENGINEER/COUNTY, OTHERWISE THESE DISCHARGES ARE PROHIBITED;
- 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 EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO BE STORED ON THE SITE TO PREVENT POLLUTION;
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES. ONSITE FUEL CLEANUP KIT REQUIRED AT ALL TIMES DURING CONSTRUCTION. MINIMUM 10 GALLON CAPACITY.

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- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES. ONSITE FUEL CLEANUP KIT REQUIRED AT ALL TIMES DURING CONSTRUCTION. MINIMUM 10 GALLON CAPACITY.

PORTABLE TOILET FACILITIES MUST BE PROVIDED AND MAINTAINED IN A SAFE AND SANITARY MANNER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS OR PERMIT CONDITIONS.

PORTABLE TOILET FACILITIES MUST BE PROVIDED AND MAINTAINED IN A SAFE AND SANITARY MANNER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS OR PERMIT CONDITIONS.

WHEN PLACED AT A WORK SITE, THE TOILETS MUST BE PLACED IN ACCORDANCE WITH OSHA REQUIREMENTS AND SERVICED IN ACCORDANCE WITH INDUSTRY STANDARDS.

THE TOILET UNIT MUST BE SET ON A LEVEL STABLE BASE MATERIAL, AWAY FROM STORM DRAINS, WATERWAYS, AND AREAS WITH HIGH VEHICULAR TRAFFIC. THE PORTABLE TOILET SHALL NOT BE PLACED ON THE PUBLIC ROAD PAVEMENT, A PUBLIC SIDEWALK, SEWER MANHOLE, CATCH BASIN OR CURB INLET.

PORTABLE TOILETS SHALL BE POSTED WITH PROPER SIGNAGE TO DISPLAY THE TELEPHONE NUMBER AND CONTACT INFORMATION FOR THE COMPANY RESPONSIBLE FOR CLEANING, SERVICING OR REPAIR OF THE TOILET UNITS.

ALL BMPS WHOSE DISCHARGES REACH ADJACENT SURFACE WATERS SHOULD BE MAINTAINED UNTIL FINAL STABILIZATION IS REACHED.

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ALL BMPs DISCHARGING TO A SURFACE WATERS MUST BE MAINTAINED TO PREVENT THE DISCHARGE OF SEDIMENT-LADEN STORMWATER TO THE BEST EXTENT POSSIBLE.

ANY ACCUMULATED SEDIMENT WITHIN BMPs ADJACENT TO SURFACE WATER IS TO BE REMOVED WHEN THE SEDIMENT DEPTH REACHES THE CLEANOUT HEIGHT OF EACH SPECIFIC BMP.

RECORDS OF MAINTENANCE OF ALL BMPs DISCHARGING TO SURFACE WATER
MUST BE KEPT WITHIN THE SWPPP'S MAINTENANCE LOG.

PERMITTEES, CONTRACTORS, AND ALL OTHER RESPONSIBLE PARTIES FOR CONDUCTING AND-DISTURBING ACTIVITIES ARE PROHIBITED TO DISCHARGES, FROM THE CONSTRUCTION SITE, THE FOLLOWING ITEMS:

PERMITTEES, CONTRACTORS, AND ALL OTHER RESPONSIBLE PARTIES FOR CONDUCTING AND-DISTURBING ACTIVITIES ARE PROHIBITED TO DISCHARGES, FROM THE CONSTRUCTION SITE, THE FOLLOWING ITEMS:

- WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS IN DESIGNATED CONCRETE WASHOUT AREA.
- 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.

EROSION AND SEDIMENTATION CONTROLS
LEGEND - PHASE 1

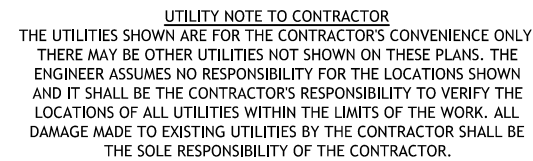
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|--|--------------------------------------|
| | SILT FENCING |
| | LIMITS OF DISTURBANCE |
| | PROPERTY LINE |
| | WIRE MESH AND STONE INLET PROTECTION |
| | SEDIMENT TUBE INLET PROTECTION |
| | CONSTRUCTION EXIT RIPRAP |
| | OUTLET PROTECTION |

1 SITE CONTRACTOR SHALL HAVE AN ACCEPTABLE SOIL TESTING FIRM/GEOTECH
2 TEST ALL EARTHWORK CONSTRUCTION. PROOF ROLL ALL AREAS AND SUBMIT
3 REPORT TO THE OWNER FOR REVIEW AND APPROVAL.
4 SITE CONTRACTOR TO SUBMIT A WEEKLY TIME LOG OF CONSTRUCTION
5 EVENTS INCLUDING DATE STARTED AND COMPLETED EACH WEEK ALONG WITH
6 REPORT TO THE OWNER FOR REVIEW AND APPROVAL.
7 NO CLEARING DEBRIS OR ROCKS TO BE BURIED ON SITE. ALL FILL TO BE
8 FREE OF ORGANICS AND TOPSOIL.
9 ALL FILL SHALL BE COMPACTED TO 95% STD. PROCTOR PER ASTM D-698. THE
10 BUILDING PAD AREA SHALL BE PROFF-ROLLED (ZON PUNCH).
11 ALL FILL (IF ANY) SHALL BE PROFF-ROLLED TO 95% STD. PROCTOR
12 STANDARD UNDER BUILDING. THIS INCLUDES ALL TRENCH COMPACT
13 AFTER EXISTING UTILITY IS REMOVED AND ALL NEW TRENCH UNDER
14 BUILDING.
15 SECONDARY PERMITTEE (BUILDER) SHALL ENSURE POSITIVE DRAINAGE FOR
16 EACH INDIVIDUAL LOT AND IS RESPONSIBLE FOR INDIVIDUAL LOT SWALES NOT
17 SHOWN ON PLANS. SWALES SHALL BE 12" HIGH FOR OVERALL DRAINAGE.
18 PATTERNS DEEMED NECESSARY BY THE ENGINEER.

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7 NO CLEARING DEBRIS OR ROCKS TO BE BURIED ON SITE. ALL FILL TO BE
8 FREE OF ORGANICS AND TOPSOIL.
9 ALL FILL SHALL BE COMPACTED TO 95% D.S. (REGISTER LAND SURVEYOR) BEFORE
10 STORMWATER DRAINAGE, WATER LINES AND SEWER LINES ARE INSTALLED.
11 ALL BUILDING DOWNSPUTS MUST BE PIPED TO EXISTING CHALK BASINS,
12 DRAINAGE SWALES, OR SLOPE DRAINS. INSTALL TO ELIMINATE RUNOFF OVER
13 EXISTING EXPOSING ADJACENT AREAS.
14 A BUFFER SHOULD BE MAINTAINED BETWEEN ALL WWS AND CLEARLY
15 DELINEATED BY FLAG, TAPE OR SIMILAR MARKING DEVICES TO ENSURE THE
16 BUFFER AREAS ARE VISIBLE.
17 SWALES TO BE CONSIDERED STORMWATER FEATURES AND TO BE INCLUDED IN
18 THE MAINTENANCE OF ALL STORMWATER FEATURES AND TO BE INCLUDED ON
19 FIG. 1.
20 ALL FILL SHALL BE COMPACTED TO 95% STD. PROCTOR PER ASTM D-698. THE
21 BUILDING PAD AREA SHALL BE PROFF-ROLLED (ZON PUNCH).
22 ALL AREAS (IF ANY) SHALL BE PROFF-ROLLED TO 98% STANDARD
23 BUILDING UNDER BUILDING. THIS INCLUDES ALL TRENCH COMPACT
24 AFTER EXISTING UTILITY IS REMOVED AND ALL NEW TRENCH UNDER
25 BUILDING.
26 SECONDARY PERMITTEE (BUILDER) SHALL ENSURE POSITIVE DRAINAGE FOR
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IF DISCREPANCY IS DISCOVERED
ON SITE, CONTACT ENGINEER
IMMEDIATELY FOR REVIEW

IF DISCREPANCY IS DISCOVERED
ON SITE, CONTACT ENGINEER
IMMEDIATELY FOR REVIEW



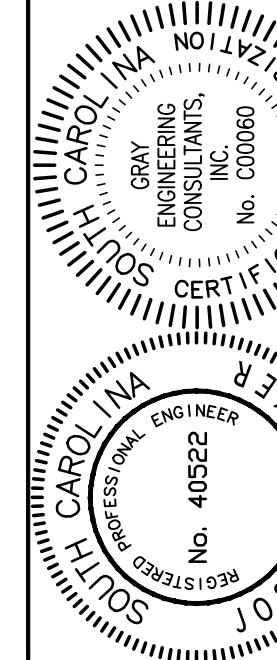
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<u>DEVELOPER</u>	<u>ENGINEER</u>
PARAGON HOTEL COMPANY RICKY PATEL 109 DESTINATION BLVC. ANDERSON, SC 29621 864-375-0037	GRAY ENGINEERING JOSHUA D BAKER, P.E. 132 PILGRIM ROAD GREENVILLE, SC 29607 864-297-3027

<u>DEVELOPER</u>	<u>ENGINEER</u>
PARAGON HOTEL COMPANY RICKY PATEL 109 DESTINATION BLVC. ANDERSON, SC 29621 864-375-0037	GRAY ENGINEERING JOSHUA D BAKER, P.E. 132 PILGRIM ROAD GREENVILLE, SC 29607 864-297-3027

2.29 DATE: 5/26/2023

NO. OF ACRES: 2.29 DATE: 5/26/2023

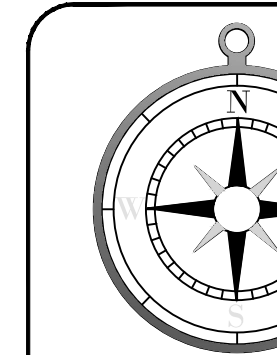


EROSION & SEDIMENTATION CONTROL PLAN-PHASE 1

**PROPOSED
HOME 2 SUITES
BY HILTON**

GREENWOOD COUNTY
SOUTH CAROLINA

75 HOSPITALITY BOULEVARD



SCALE:	1" = 30'
PROJECT MANAGER:	ZD
DRAWN BY:	MSG
PROJECT DATE:	5/3/2023
JOB No.:	2023104
PLOT DATE:	3/26/25

SHEET
EC-1

2023104 - Greenwood Home2Suites - D16.dwg

1. CONTRACTOR NOT TO BEGIN GRADING (PHASE 2) OF SITE UNTIL ALL BASINS INCLUDING SILT TRAP, PERIMETER CONTROLS, AND CONSTRUCTION ERIE HAVE BEEN INSTALLED.
2. ALL INSPECTIONS ARE TO BE CONDUCTED TO CLOSELY MONITOR ALL DOWNSTREAM AREAS WHERE STORMWATER IS LEAVING SITE TO CHECK FOR ANY SEDIMENT NOT BEING CAPTURED ON SITE.
3. MASS GRASSING TO BE DONE TO ESTABLISH VEGETATION AS SHOWN ON GRADING PLAN.
4. ALL STORM DRAINAGE AREAS INCLUDING DITCHES, DRAINAGE CANALS, AND WATER PIPE AS DEMAND APPROPRIATE, (NO TIE INTO EXISTING WATER MAIN OR SEWER MANHOLE WITHOUT PRIOR APPROVAL AND TIE-IN INSPECTION).
5. ALL STORM DRAIN CATCH BASINS ARE INSTALLED, INLET PROTECTION TO BE IMMEDIATELY INSTALLED AS SHOWN. PLEASE ALSO SEE DETAILS FOR PILE INLET PROTECTION DURING CONSTRUCTION.
6. CONTRACTOR TO BEGIN INSTALLING UNDERGROUND DETENTION SYSTEM AND REMOVING TEMPORARY SEDIMENT BASIN.
7. CONTRACTOR TO THE STORM DRAINAGE INTO UNDERGROUND DETENTION ONCE SYSTEM IS INSTALLED AND INSPECTION IS COMPLETED.
8. ALL SILT FENCE TO BE CLEARED OF ACCUMULATED SILT ONCE SILT HAS REACHED 1/2 HIGHT OF SILT FENCE.
9. AS ALL SLOPES BECAME FINALIZED, PERMANENT GRASSING TO BE INSTALLED. FOR ALL SLOPES OVER 4 FEET IN HEIGHT, EROSION CONTROL MATTING BATTLE IS TO BE INSTALLED PER DETAIL SHEETS.
10. INSTALLATION OF CROUCH WASHOUT AREA BMP REQUIRED PRIOR TO POURING CONCRETE CURBING ON SITE.
11. FINE GRADING:
12. INSTALLATION OF CURB AND GUTTER CAN BEGIN ONCE ALL UTILITIES IN ROADWAY HAVE BEEN INSTALLED AND ALL PROPERTY CORNERS ARE SET.
13. ONCE CATCH BASIN INLETS HAVE BEEN TIED INTO NEW CURBING, SEDIMENT TUBES ARE TO BE INSTALLED IMMEDIATELY IN PLACE OF STONE AND WIRE MESH.
14. ALL STORM DRAINAGE AND EROSION CONTROL MEASURES ARE TO BE MAINTAINED WHILE ALL FINAL GRADING IS COMPLETED PRIOR TO FINAL STABILIZATION.
15. FINE GRADING TO COMPLETE AND PERMANENT SEEDING APPLIED TO AREAS THAT WILL NOT BE DISTURBED DURING THE BUILDING PERIOD. ADDITIONAL GRASSING AS NEEDED FOR AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR MORE THAN 14 DAYS.
16. EXPOSED NO SEDIMENT ON ADJACENT ROADWAYS, STABILIZE IMMEDIATELY.
17. ROADWAYS TO BE PAVED AND GRASSING TO BE INSTALLED IMMEDIATELY.
18. ALL UTILITY PROVIDERS TO BE GIVEN BATTLE UTILITY NOI AND INCLUDE IN SITEWORK SWPPP.
19. ONCE ALL UTILITIES HAVE BEEN INSTALLED, FINAL GRASSING CAN BE ESTABLISHED.
20. INLET PROTECTION TO BE INSTALLED AND MAINTAINED FOLLOWING MAINTENANCE ACTIVITIES.
21. MAINTENANCE INSTRUCTIONS:
22. AS CONSTRUCTION BEGINS, PRIMARY PERMITTEE IS STILL RESPONSIBLE FOR ALL EROSION CONTROL, PERIMETER CONTROLS, AND SILT TRAP. CONTRACTOR TO BE INSTALLED PER SWPPP. ALL BUILDERS AND SUBCONTRACTORS ARE TO SIGN CONTRACTORS CERTIFICATION TO SHOW THEY ARE AWARE OF THEIR RESPONSIBILITY IN REGARDS TO EROSION CONTROL.
23. FINAL STABILIZATION OF SITE INCLUDING PERMANENT GRASSING HAS TAKEN PLACE, ALL TEMPORARY SILT FENCE MUST BE REMOVED.
24. DEVELOPER TO SUBMIT APPROPRIATE AS-BUILT CERTIFICATIONS, 80% SATISFACTION FOR CLOSURE FOR CLOSURE.
25. CONTRACT SCHEDULE FOR CLOSURE/TERMINATION INSPECTION.
26. CONSULT WITH ENGINEER TO SUBMIT NOT WITH DUE ONCE CLOSURE INSPECTION ITEMS HAVE

- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING TRENCHES AND EXCAVATIONS BY MANAGING RUNOFF WITH THE APPROPRIATE CONTROLS SUCH AS THE ONSITE SEDIMENT BASIN OR ADDITIONAL SILT FENCE, SLOTTED CURB, OR DITCH. MINIMIZE THE DISCHARGE OF THESE POLLUTANTS TO THE ADJACENT WATER.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WASH WATER, 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 EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE TO PREVENT POLLUTANT RELEASES TO THE ADJACENT WATER.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES. ONSITE FUEL CLEANUP KIT REQUIRED AT ALL TIMES DURING CONSTRUCTION. MINIMUM 10 GALLON CAPACITY.

PORTABLE TOILET FACILITIES MUST BE PROVIDED AND MAINTAINED IN A SAFE AND SANITARY MANNER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS OR PERMIT CONDITIONS.

WHEN PLACED AT A WORK SITE, THE TOILETS MUST BE PLACED IN ACCORDANCE WITH OSHA REQUIREMENTS AND SERVICED IN ACCORDANCE WITH INDUSTRY STANDARDS.

THE TOILET UNIT MUST BE SET ON A LEVEL STABLE BASE MATERIAL, AWAY FROM STORM DRAINS, WATERWAYS, AND AREAS WITH HIGH VEHICULAR TRAFFIC. THE PORTABLE TOILET SHALL NOT BE PLACED ON THE PUBLIC ROAD PAVEMENT, A PUBLIC SIDEWALK, SEWER MANHOLE, CATCH BASIN OR CURB INLET.

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ALL BMPS WHOSE DISCHARGES REACH ADJACENT SURFACE WATERS SHOULD BE MAINTAINED UNTIL FINAL STABILIZATION IS REACHED.








ALL BMPs DISCHARGING TO A SURFACE WATERS MUST BE MAINTAINED TO PREVENT THE DISCHARGE OF SEDIMENT-LADEN STORMWATER TO THE BEST EXTENT POSSIBLE.

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RECORDS OF MAINTENANCE OF ALL BMPs DISCHARGING TO SURFACE WATER
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PERMITTEES, CONTRACTORS, AND ALL OTHER RESPONSIBLE PARTIES FOR CONDUCTING AND-DISTURBING ACTIVITIES ARE PROHIBITED TO DISCHARGES, FROM THE CONSTRUCTION SITE, THE FOLLOWING ITEMS:

- WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS IN DESIGNATED CONCRETE WASHOUT AREA.
- 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.

	(SF)	SILT FENCING
		LIMITS OF DISTURBANCE
		PROPERTY LINE
	(IP1)	WIRE MESH AND STONE INLET PROTECTION
	(IP2)	SEDIMENT TUBE INLET PROTECTION
	(CE)	CONSTRUCTION EXIT RIPRAP
	(RR)	OUTLET PROTECTION

SITE CONTRACTOR SHALL HAVE AN ACCEPTABLE SOIL TESTING FIRM/GEOTECH TEST ALL THE WORKHOUR COMPACTION, PROOF ROLL ALL AREAS AND SUBMIT REPORTS TO THE OWNER ON A WEEKLY BASIS:

1. THE CONTRACTOR TO SUBMIT TO THE OWNER A LOG OF CONSTRUCTION EVENTS INCLUDING DATE STARTED AND COMPLETED EACH WEEK ALONG WITH SITE PHOTOS SENT OR E-MAILED TO THE OWNER.

2. THE CONTRACTOR TO SUBMIT TO THE OWNER A DRAINAGE PLAN. ALL FILL TO BE FREE OF ORGANICS AND ROCK.

3. FRONT LOT BUILDING SHALL BE SET BY R.L.S. (REGISTER LAND SURVEYOR) BEFORE STORMWATER, WATER, AND SEWERAGE MAINS ARE INSTALLED.

4. ALL PILING DOWNSPOUTS MUST BE POURED TO EXISTING CHALK BASINS, DRAINAGE SWALES, OR SLOPE DRAINS. INSTALL TO ELIMINATE RUNOFF OVER EXISTING PAVING AND GRASS AREAS.

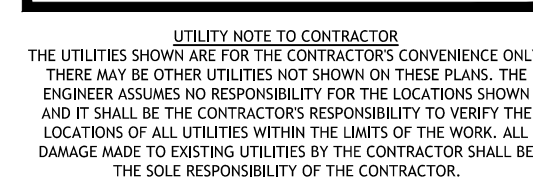
5. A BUFFER SHOULD BE MAINTAINED BETWEEN ALL WOS AND CLEARLY DELINEATED BY FLAG, TAPE OR SIMILAR MARKING DEVICES TO ENSURE THE BUFFER AREAS ARE VISIBLE TO ALL OPERATING PERSONNEL.

6. SWALES TO BE CONSIDERED STORMWATER FEATURES AND TO BE INCLUDED IN THE MAINTENANCE OF ALL STORMWATER FEATURES AND TO BE INCLUDED ON FRUG.

7. ALL FILL SHALL BE COMPACTED TO 95% STD. PROCTOR PER ASTM D-698. THE BUILDING PAD AREA SHALL BE PROFF-ROLLED (20K POUND TRUCK).

8. ALL EXISTING (IF ANY) AND NEW FILL SHALL BE PROFF-ROLLED TO 98% STANDARD DENSITY BUILDING. THIS INCLUDES ALL TRENCH COMPACTION AFTER EXISTING UTILITY IS REMOVED AND ALL NEW TRENCH UNDER BUILDING.

9. SECONDARY PERMITTEE (BUILDER) SHALL ENSURE POSITIVE DRAINAGE FOR EACH INDIVIDUAL LOT AND IS RESPONSIBLE FOR INDIVIDUAL LOT SWALES NOT SHOWN ON CHALK. SWALES SHOULD BE MAINTAINED FOR OVERALL DRAINAGE DURING AND AFTER SEASONED NEEDED BY THE OWNER.



UTILITY NOTE TO CONTRACTOR
THE UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE DUE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

<u>DEVELOPER</u>	<u>ENGINEER</u>
PARAGON HOTEL COMPANY RICKY PATEL 109 DESTINATION BLVC. ANDERSON, SC 29621 864-375-0037	GRAY ENGINEERING JOSHUA D BAKER, P.E. 132 PILGRIM ROAD GREENVILLE, SC 29607 864-297-3027

NO. OF ACRES: 2.29 DATE: 5/26/2023

SCDHEC STANDARD NOTES

1. SILT BASINS TO BE CLEANED OUT AFTER EACH RAIN BEFORE GRASS IS ESTABLISHED. AFTER GRASS IS ESTABLISHED, AS REQUIRED TO PROVIDE MINIMUM OF 75% OF REQUIRED VOLUME.
2. GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEDIMENT CONTROL MEASURES (IMPLEMENTATION AND MAINTENANCE). GENERAL CONTRACTOR SHALL HAVE SUPERVISORY RESPONSIBILITIES OVER GRADING CONTRACTOR.
3. ALL RIP-RAP SHALL BE DUMPED RIP-RAP IN ACCORDANCE WITH STATE HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. PIECES SHALL BE NO LARGER THAN 24 INCHES. THIS WORK SHALL ALSO CONSIST OF PLACING AN APPROVED GEOTEXTILE FABRIC, CAPABLE OF REDUCING SOIL EROSION, ON A PREPARED SLOPE BENEATH THE RIP-RAP.
4. ALL SLOPES THAT ARE 3:1 OR STEEPER SHALL BE STABILIZED WITH EROSION CONTROL FABRIC (JUTE MATTING OR EQUAL) IN ACCORDANCE WITH THE STATE HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION. ALL SLOPES ARE TO BE MAINTAINED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
5. GRASSING SHALL BEGIN AS SOON AS GRADING IS COMPLETED. TEMPORARY GRASSING MAY BE REQUIRED SHOULD EMBANKMENTS BE UNDER CONSTRUCTION FOR EXTENDED PERIODS.
6. FAILURE TO COMPLETE AND MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN THE ISSUANCE OF A STOP WORK ORDER UNTIL SUCH ITEMS ARE INSTALLED.
7. ALL TEMPORARY SILT BASINS WILL BE REMOVED AT PROJECT COMPLETION AND PERMANENTLY GRASSED.
8. ALL EXCAVATED MATERIALS TO BE USED ON SITE. ALL DEMOLISHED MATERIALS AND WASTE MATERIAL TO BE TRUCKED OFF SITE.
9. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR HIS BORROW AREA.

COVER ANY PARTS OF BRIDGES, CULVERTS, GUARDRAILS, SIGNS, SIDEWALKS, CURB AND GUTTERS, CATCH BASINS, PIPE ENDS, AND OTHER STRUCTURES AS NECESSARY TO PREVENT DISCOLORATION BEFORE SPRAYING HECPS, ORGANIC OR CHEMICAL TACKIFIERS.

NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DAMAGES CAUSED TO EXISTING ROADS/DRIVES AS A
RESULT OF CONSTRUCTION TRAFFIC AND REPAIR
THEM AS REQUIRED. COORDINATE ALL WORK WITH
OCONEE COUNTY.

¹ Common Bermudagrass: Do not use Giant Bermudagrass(NK-37).

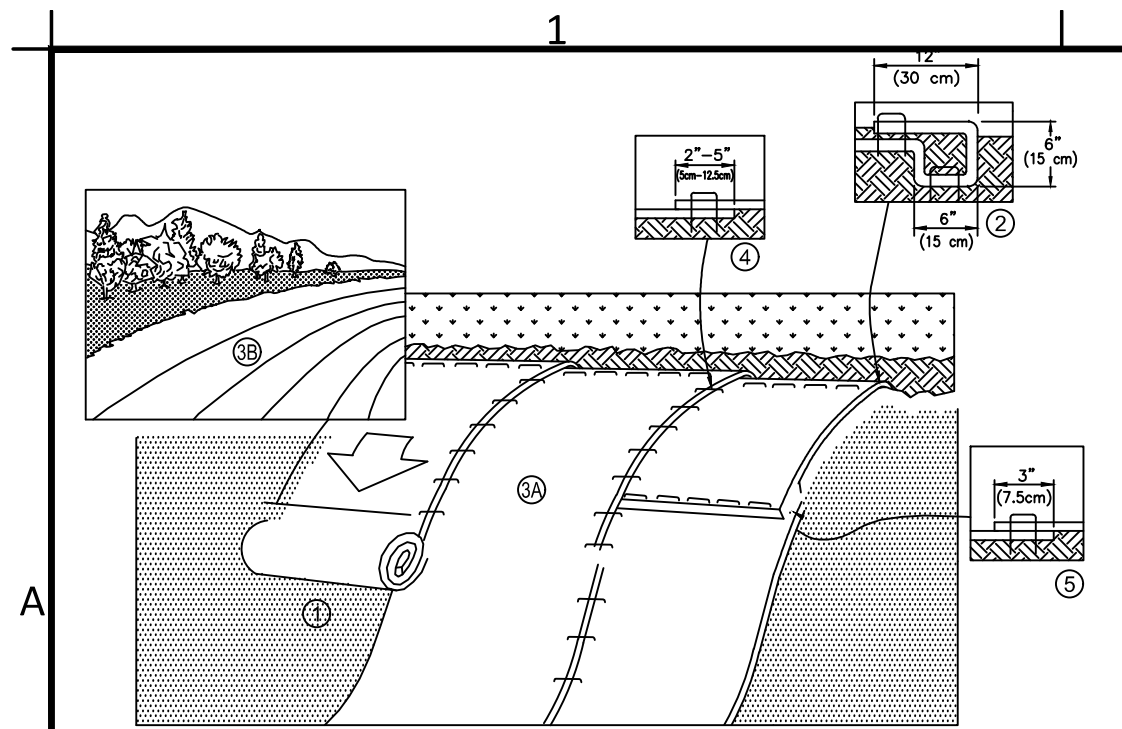
1. THE SEDIMENT TRAPS WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT BUILDUP REACHES THE CLEANOUT POINT INDICATED ON THE CLEANOUT STAKE.
2. THE SEDIMENT TRAPS WILL BE CHECKED REGULARLY FOR SEDIMENT CLEANOUT.
3. THE GRAVEL OUTLETS WILL BE CHECKED REGULARLY FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE GRAVEL IS CLOGGED BY SEDIMENT, IT SHALL BE REMOVED AND CLEANED OR REPLACED.
4. THE SILT FENCE BARRIER WILL BE CHECKED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.7 INCHES FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES ONE-QUARTER TO THE TOP OF THE BARRIER.
5. THE SEEDED AREAS WILL BE CHECKED AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.5 INCHES TO INSURE THE SEEDING IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND SEEDS AS NEEDED.

6. AFTER ACHIEVING ADEQUATE STABILIZATION, THE TEMPORARY E&S CONTROLS WILL BE CLEANED UP AND REMOVED, AND THE SEDIMENT BASINS WILL BE CLEANED OUT AND CONVERTED TO A PERMANENT STORMWATER MANAGEMENT BASINS.

MISCELLANEOUS NOTES AND DETAILS
 PROPOSED
 HOME 2 SUITES
 BY HILTON
 GREENWOOD COUNTY
 SOUTH CAROLINA
 475 HOSPITALITY BOULEVARD

SHEET

D-1



EROSION CONTROL BLANKET DETAIL

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

Installation:

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF THE BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

INSPECTION AND MAINTENANCE:

- Inspect areas protected by ECBs for dislocation or failure every 7 calendar days and within 24-hours after each storm that produces 1/2-inch or more of rain.
- Conduct regular inspections until grasses are firmly established.
- Adhere to the pinning or stapling pattern as shown on the Manufacturer's installation sheet.
- If there is evidence that the ECB is not securely fastened to the soil, require extra pins or staples to inhibit the ECB from becoming dislodged.
- If washout or breakage occurs, repair all damaged areas immediately by restoring the soil on slopes or channels to its finished grade, reapply fertilizer and seed, and replacing the appropriate ECB material as needed.

MATERIAL SPECS:

All acceptable Class A and Class B erosion control blankets consisting of straw, coconut, or straw-coconut blends meet the following requirements:

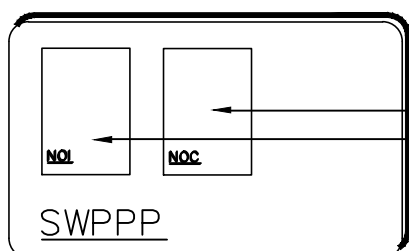
- Use non-organic, photodegradable or biodegradable polypropylene netting.
- Consist of double netting, defined as matting with netting on both sides of the blanket. The top netting is degradable polypropylene with a maximum mesh opening of 0.75 inches by 0.75 inches. The bottom is degradable polypropylene with a maximum mesh opening of 0.5 inches by 0.5 inches.
- Be sewn on center a maximum of 2.0 inches

All acceptable Class A and Class B erosion control blankets consisting of curled excelsior fibers meet the following requirements:

- Use non-organic, photodegradable or biodegradable polypropylene netting.
- Consist of double netted matting. Double netted matting is matting with netting on both sides of the blanket. The degradable polypropylene top netting requires a maximum mesh opening of 1.0-inches by 1.0-inches. The degradable polypropylene bottom netting requires a maximum mesh opening of 1.0-inches by 1.0-inches.
- Consist of curled excelsior interlocking fibers with 80% of the fibers a minimum of 6-inches long
- Sewn on center a maximum of 4.0-inches.

Use Class A and Class B Erosion control blankets having the following Minimum Average Roll Values (MARV) for physical properties, as derived from quality control testing performed by a Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP) accredited laboratory:

- Minimum mass per unit area (ASTM D6475) of 6 oz/yd 2 (203 g/m 2)
- Minimum thickness (ASTM D6525) of 0.25-inches (6 mm)
- Minimum initial grab tensile strength (ASTM D6818) of 75x75 lb/ft. (1x1 kN/m)
- Minimum roll width of 48-inches (1.22 m)

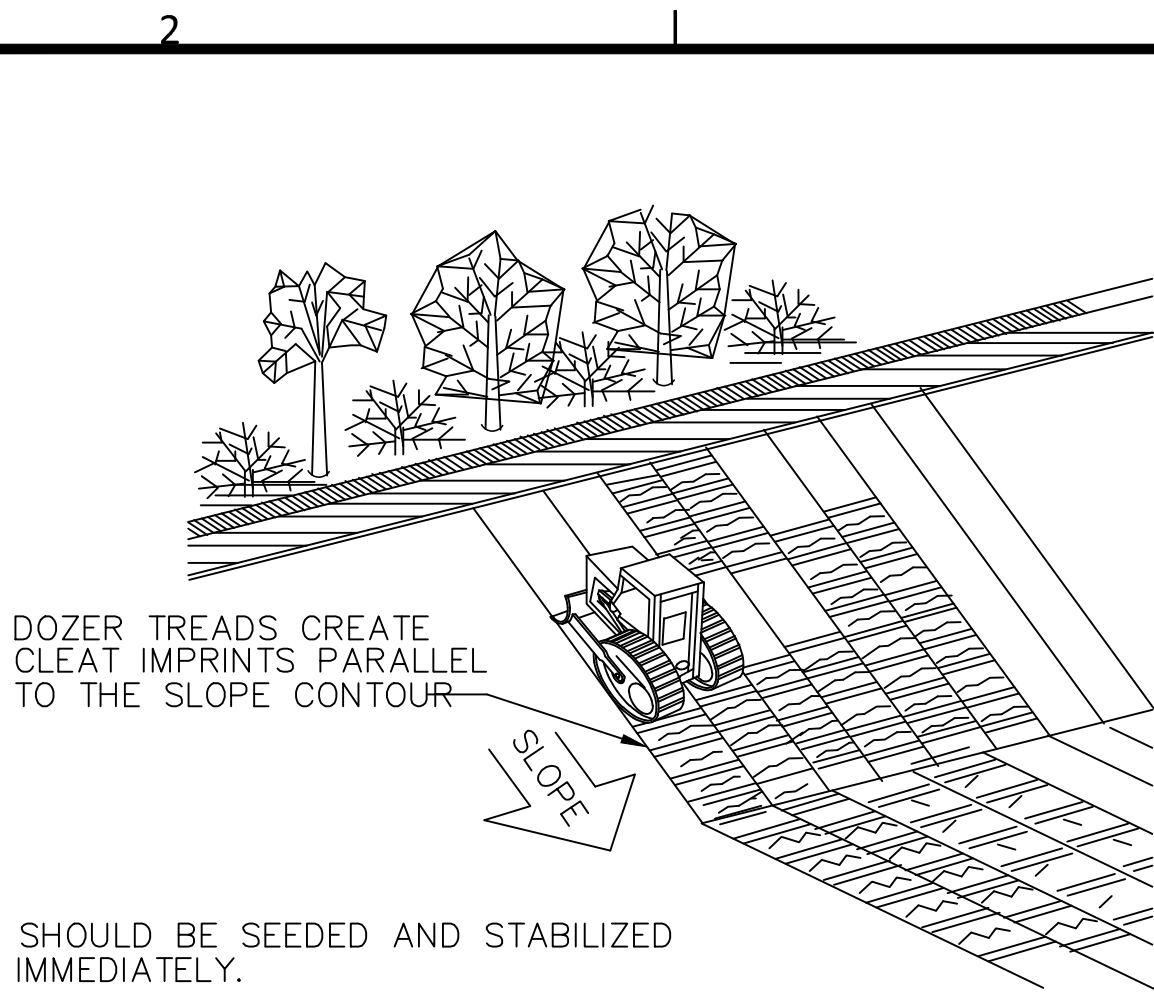


SIGN

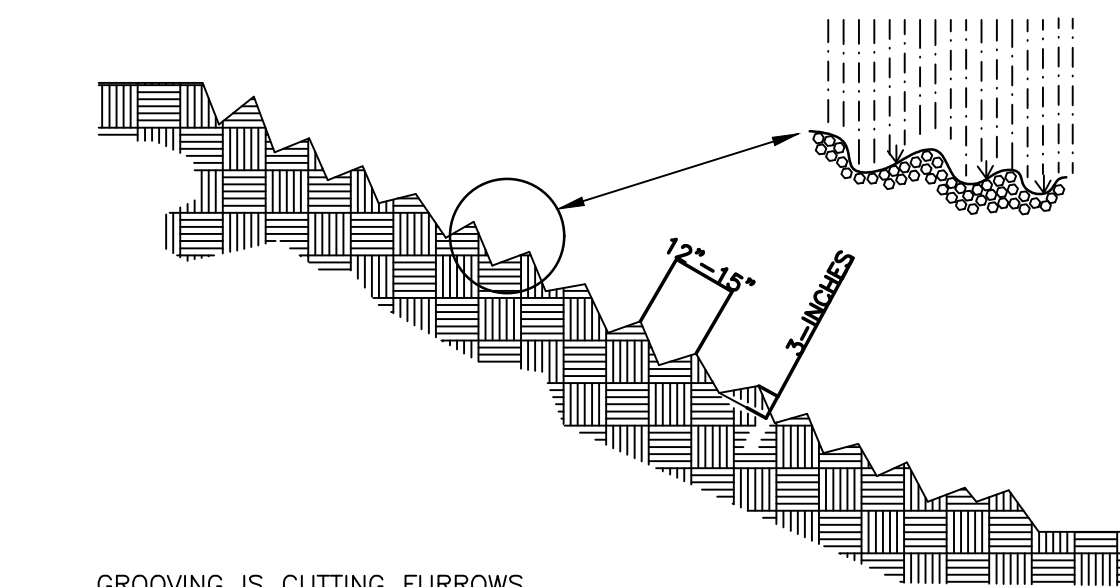
1. NOTICE OF INTENT (NOI) (APPLICATION FOR PERMIT COVERAGE), NOTICE OF COVERAGE (NOC) (OR APPROVAL FROM REGULATORY AGENCY) ARE TO BE POSTED.
2. ALL POSTING IS TO BE AT JOB SITE ENTRANCE WHERE IT MAY BE VIEWED BY AUTHORIZED HAVING JURISDICTION AND THE PUBLIC.
3. POSTING IS REQUIRED FROM THE DAY CONSTRUCTION ACTIVITIES START UNTIL THE NOTICE OF TERMINATION (NOT) IS FILED.
4. PROJECT MUST BE POSTED IN TWO LOCATIONS: AT THE JOB SITE ENTRANCE AND INSIDE WALL OF JOB TRAILER.

JOB SITE PERMIT POSTING DETAIL

(NOT TO SCALE)



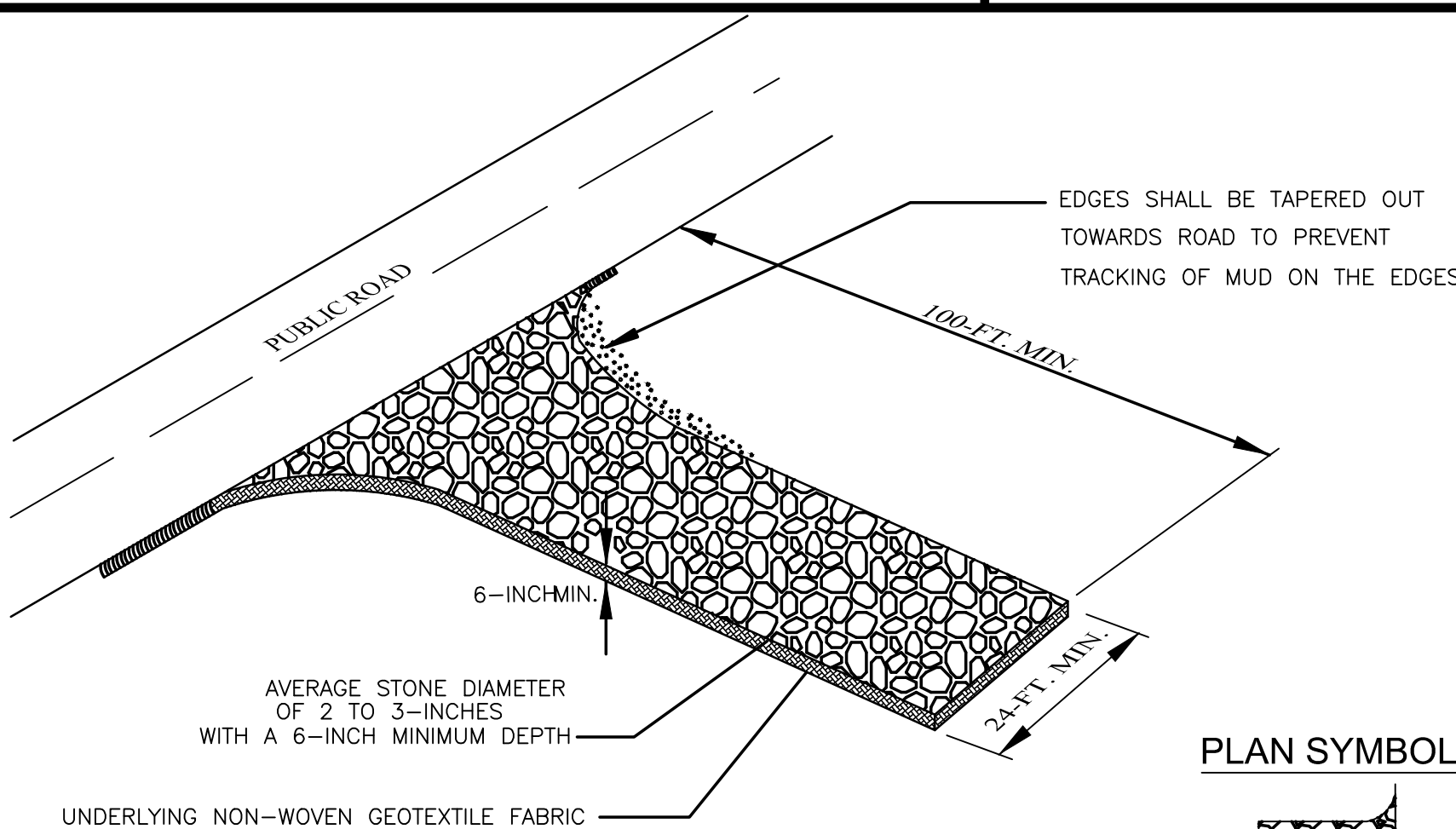
TRACKING



GROOVING IS CUTTING FURROWS ALONG THE CONTOUR OF A SLOPE. IRREGULARITIES IN THE SOIL SURFACE, CATCH RAINWATER, AND PROVIDE SOME COVERAGE OF LIME, FERTILIZER AND SEED.

SHOULD BE SEEDDED AND STABILIZED IMMEDIATELY.

SLOPE GROOVING



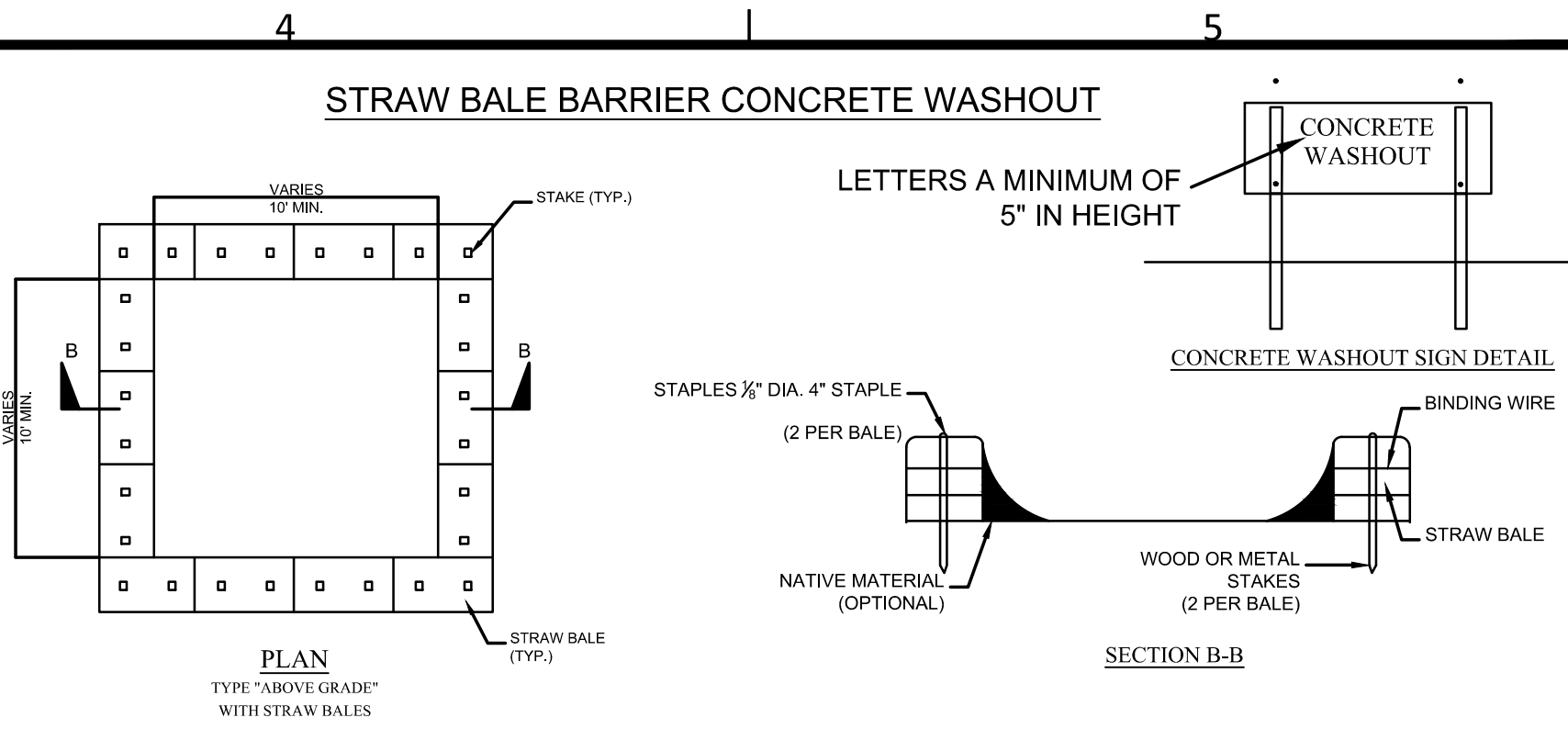
PLAN SYMBOL

SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2-3 INCHES

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC-06 PAGE 1 of 2
NOT TO SCALE
FEBRUARY 2014
DATE



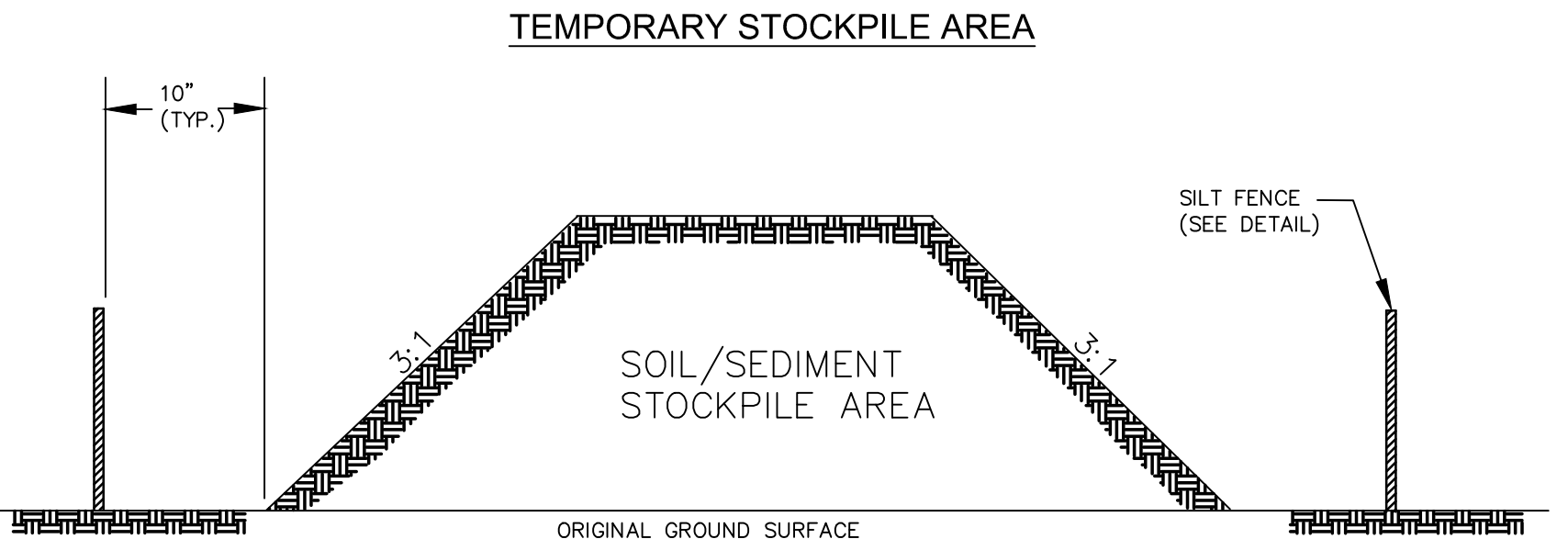
NOTES:

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.

South Carolina Department of Health and Environmental Control

CONCRETE WASHOUT STRAW BALES OR ABOVE GROUND

STANDARD DRAWING NO. RC-07 PAGE 1 of 1
NOT TO SCALE
FEBRUARY 2014
DATE



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 STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

South Carolina Department of Health and Environmental Control

TEMPORARY STOCKPILE

STANDARD DRAWING NO. SC-15 PAGE 1 of 1
NOT TO SCALE
FEBRUARY 2014
DATE

CONSTRUCTION ENTRANCE – GENERAL NOTES

1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non-woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
5. Minimum dimensions of the entrance shall be 24-feet wide by 100-feet long, and may be modified as necessary to accommodate site constraints.
6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
8. Limestone may not be used for the stone pad.

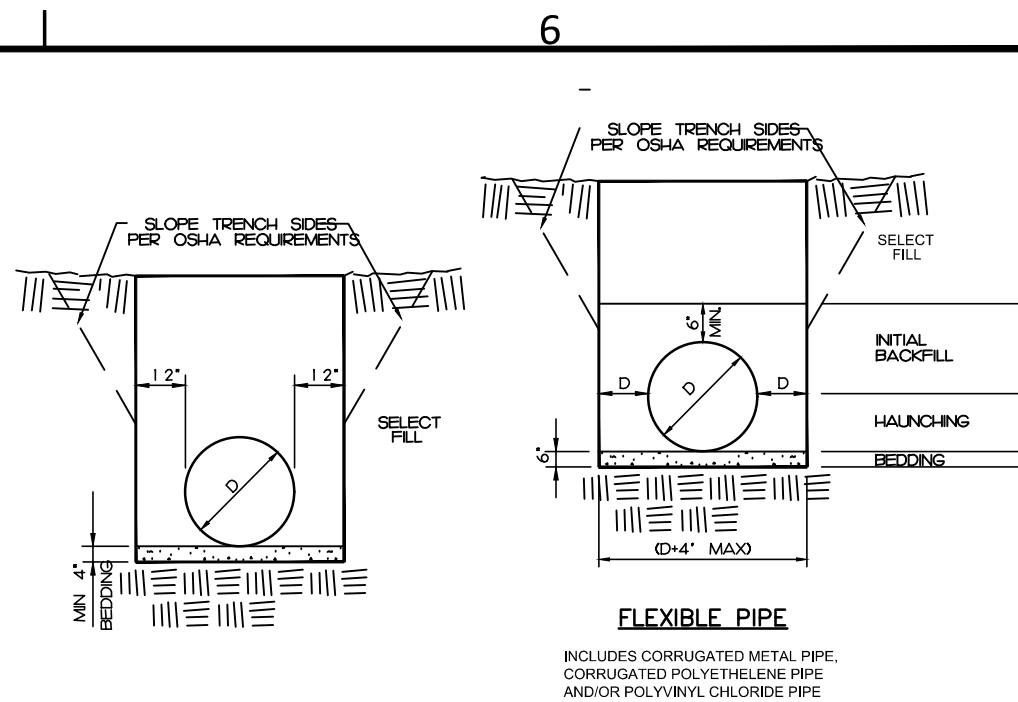
CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of construction entrances 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.
3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
4. Reshape the stone pad as necessary for drainage and runoff control.
5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone pad.
6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
7. During maintenance activities, any broken pavement should be repaired immediately.
8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post-construction.

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC-06 PAGE 2 of 2
GENERAL NOTES
FEBRUARY 2014
DATE



REINFORCED CONCRETE PIPE

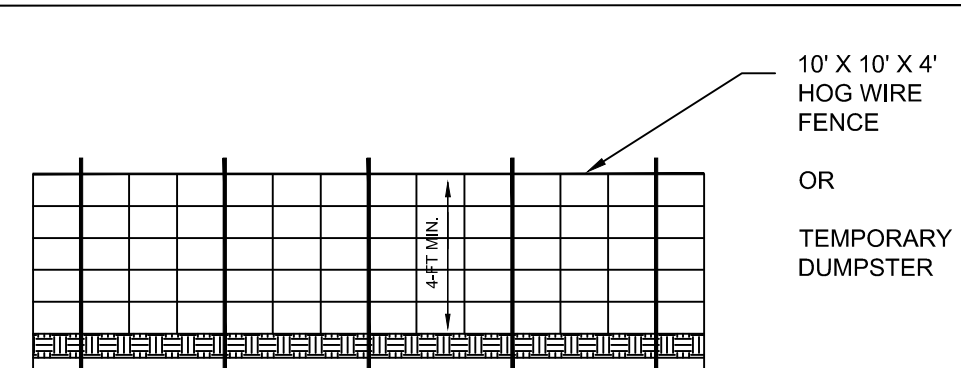
1. BEDDING SHALL BE COMPACTED CRUSHED STONE AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
2. HAUNCHING AND INTERNAL BACKFILL MATERIAL AND SHALL BE COMPACTED MATERIAL SHALL BE CLASS 1 OR 2 (PER ASTM D2021) GRANULAR TO 90% STANDARD PROCTOR.
3. SELECT FILL PLACEMENT AND COMPACTION SAME AS FOR RCP.

FLEXIBLE PIPE

1. BEDDING SHALL BE COMPACTED CRUSHED STONE AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
2. HAUNCHING AND INTERNAL BACKFILL MATERIAL AND SHALL BE COMPACTED MATERIAL SHALL BE CLASS 1 OR 2 (PER ASTM D2021) GRANULAR TO 90% STANDARD PROCTOR.
3. SELECT FILL PLACEMENT AND COMPACTION SAME AS FOR RCP.

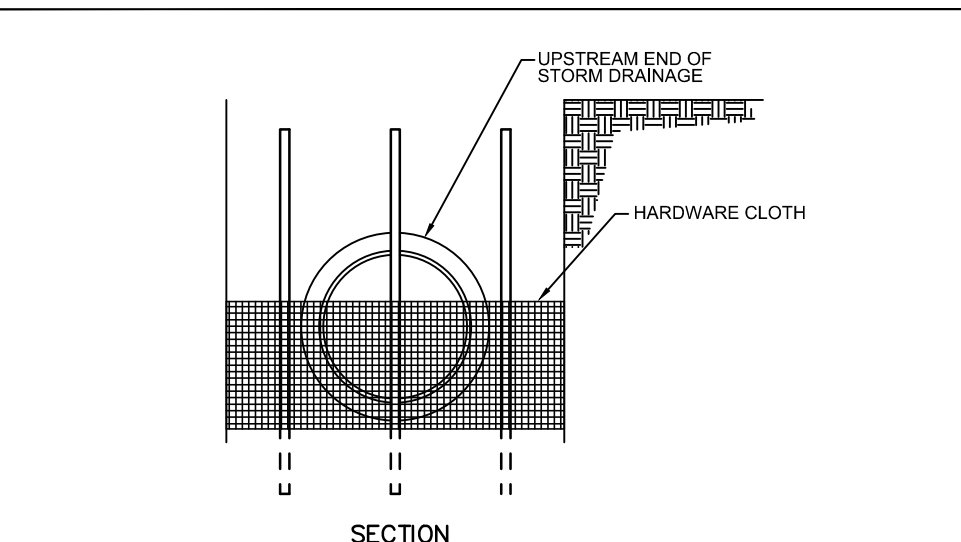
TRENCH AND BEDDING DETAILS

(N.T.S.)

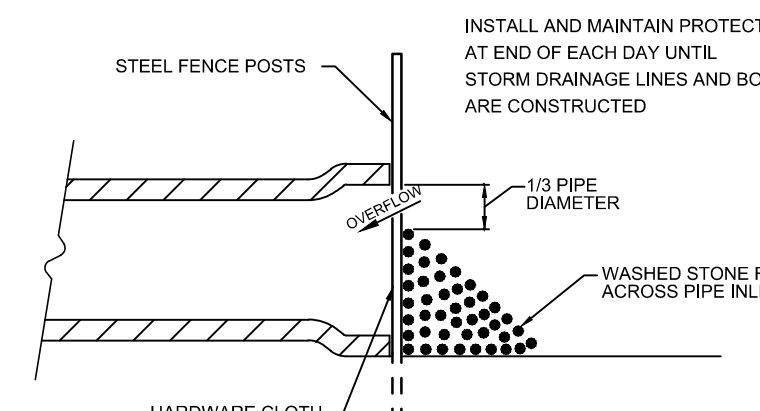


CONSTRUCTION DEBRIS ENCLOSURE

(N.T.S.)



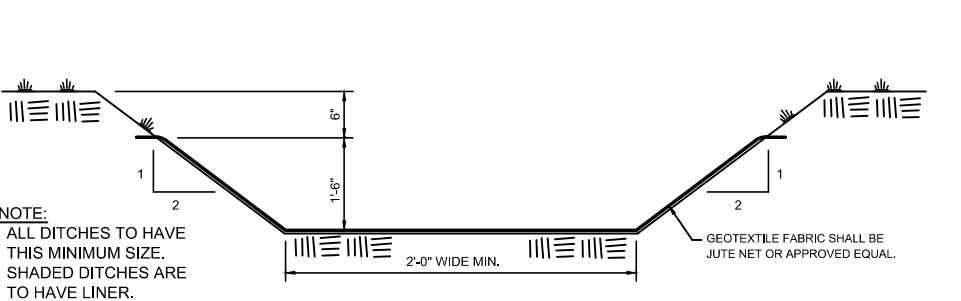
SECTION



TEMPORARY STORM DRAINAGE PROTECTION (DURING CONSTRUCTION)

(NOT TO SCALE)

1. APPLY LIME, FERTILIZER AND SEED BEFORE LAYING THE NET OR MAT. IF OPEN-WEAVE NETTING IS USED, LIME MAY BE INCORPORATED BEFORE INSTALLING THE NET AND FERTILIZER AND SEED SPRIAYED ON AFTERWARD.
2. START LAYING THE NET FROM THE TOP OF THE CHANNEL OR SLOPE AND UNROLL IT TOWARD THE GRADE. ALLOW NETTING TO LAY LOOSELY ON THE SOIL BUT WITHOUT WRINKLES-DO NOT STRETCH.
3. TO SECURE THE NET, BURY THE UPSLOPE END IN A SLOT OR TRENCH NO LESS THAN 6" DEEP COVER WITH SOIL, AND TAMP FIRMLY. STAPLE THE NET EVERY 12" ACROSS THE TOP END AND EVERY 2' AROUND THE EDGES AND BOTTOM. WHERE 2 STRIPS OF NET ARE LAD SIDE BY SIDE, THE ADJACENT EDGES SHOULD BE OVERLAPPED 3" AND STAPLED TOGETHER. EACH STRIP OF NETTING SHOULD ALSO BE STAPLED DOWN THE CENTER, EVERY 3'. DO NOT STRETCH THE NET WHEN APPLYING STAPLES.
4. TO JOIN 2 STRIPS, CUT A TRENCH TO ANCHOR THE END OF THE NEW NET. OVERLAP THE END OF THE PREVIOUS ROLL 18", AND STAPLE EVERY 12" JUST BELOW THE ANCHOR SLOT.

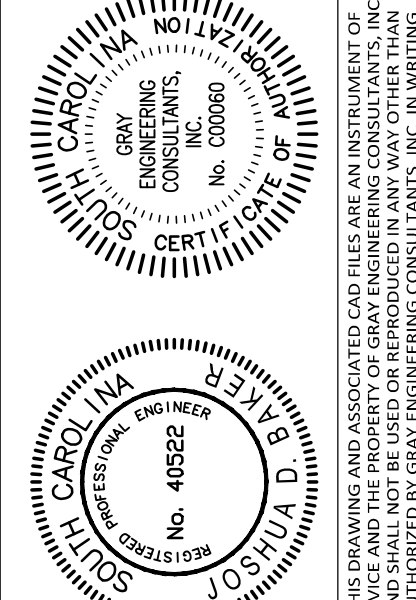


PERMANENT DITCH DETAIL

(N.T.S.)

NO.	DATE	BY	REVISION
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2			
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Gray Engineering
132 PILGRIM ROAD - GREENVILLE, SC 29607
PH: 864.426.7474
WWW.GRAYENGINEERING.COM



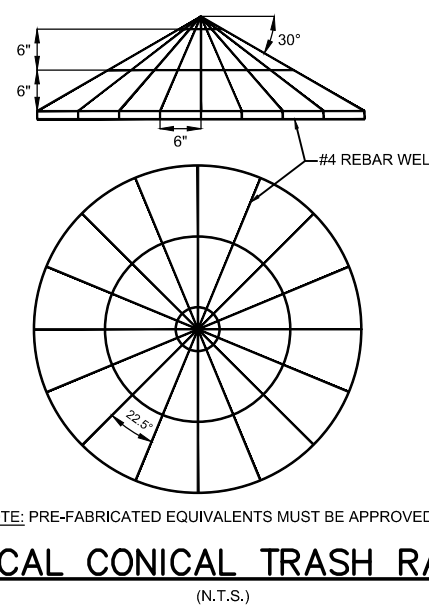
GREENWOOD COUNTY
SOUTH CAROLINA

PROPOSED
HOME 2 SUITES
BY HILTON

475 HOSPITALITY BOULEVARD

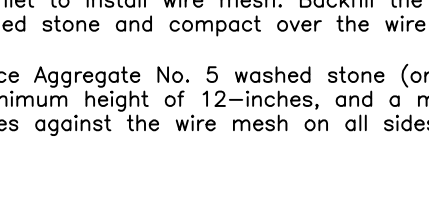
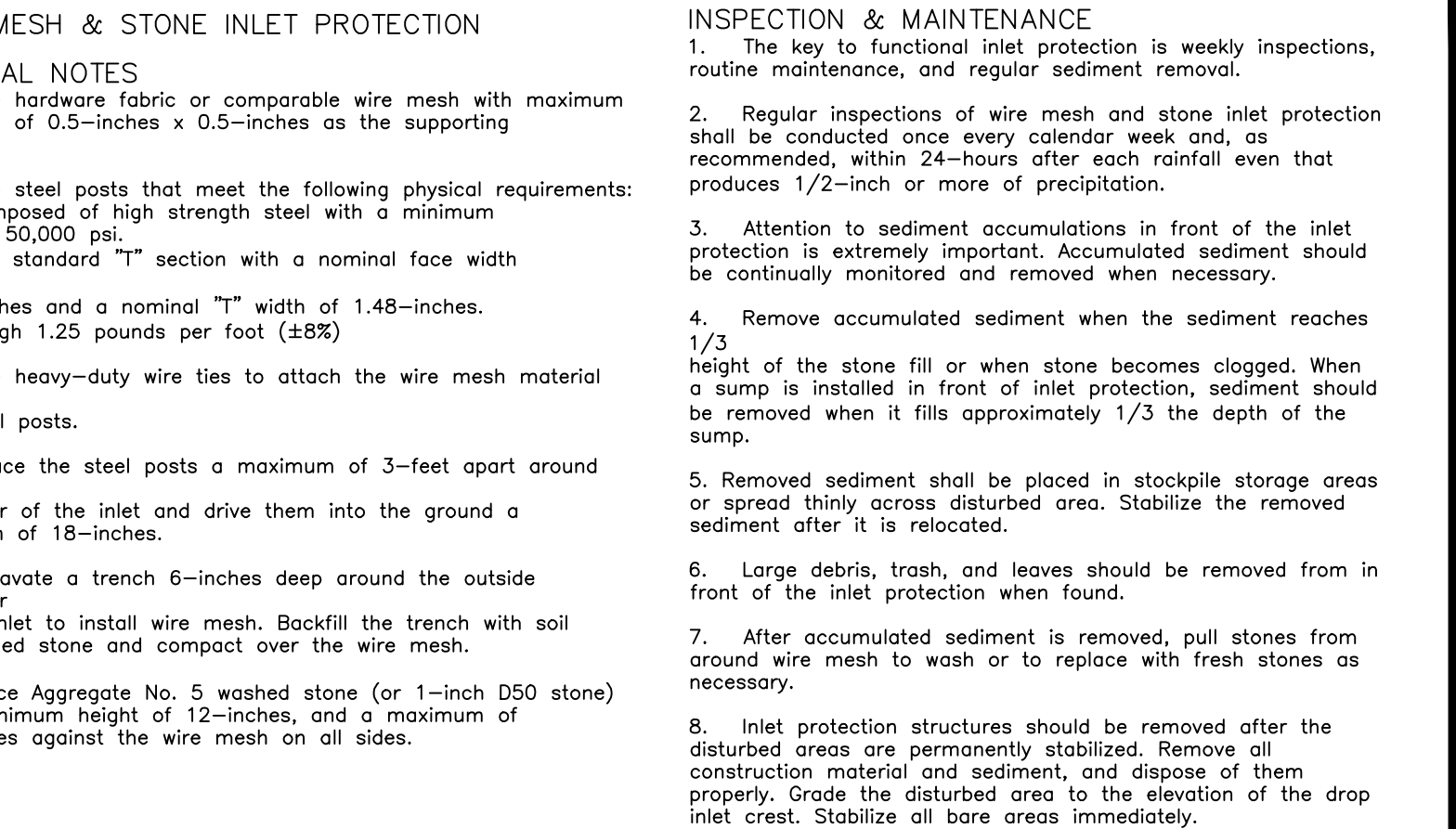
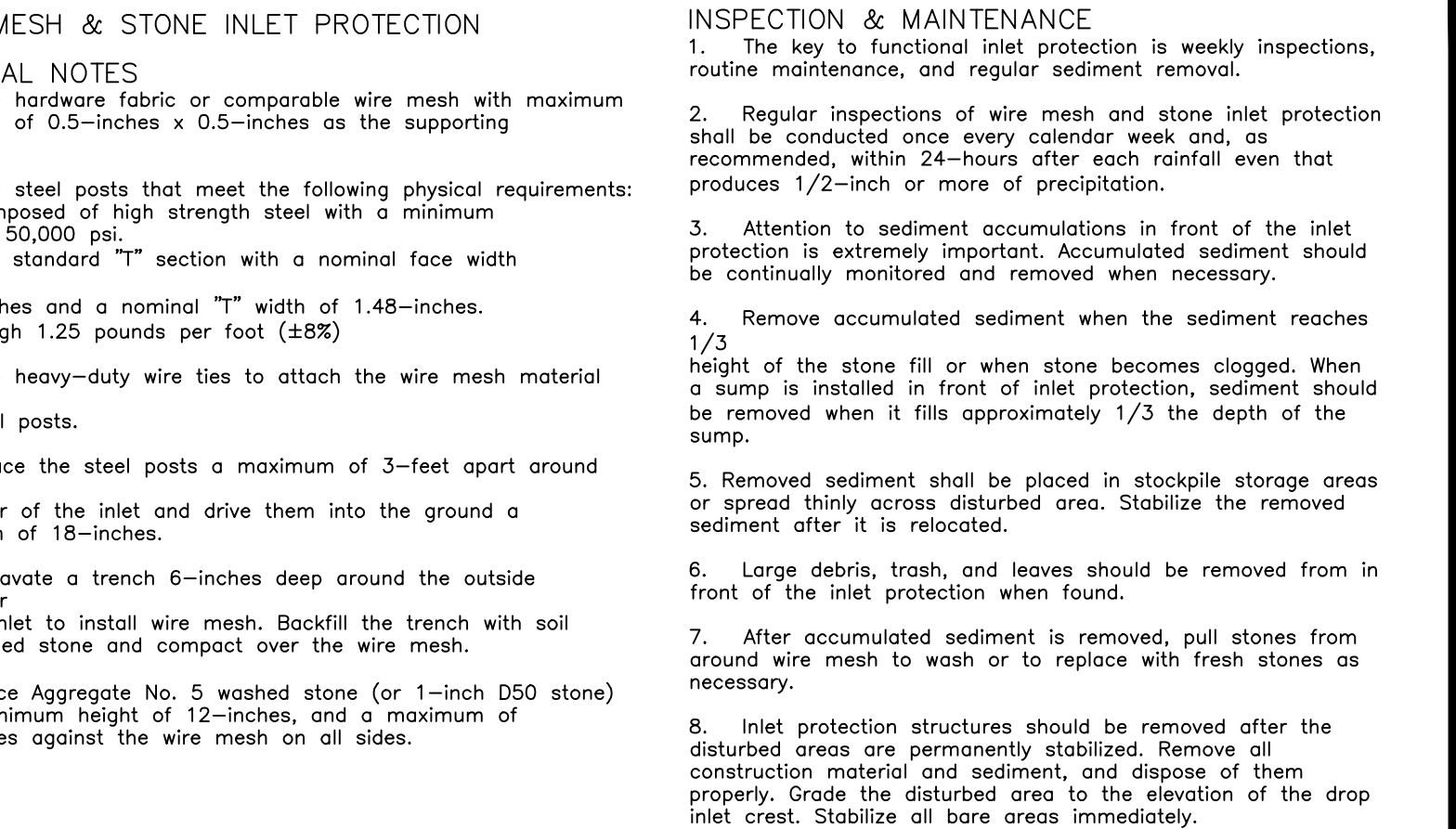
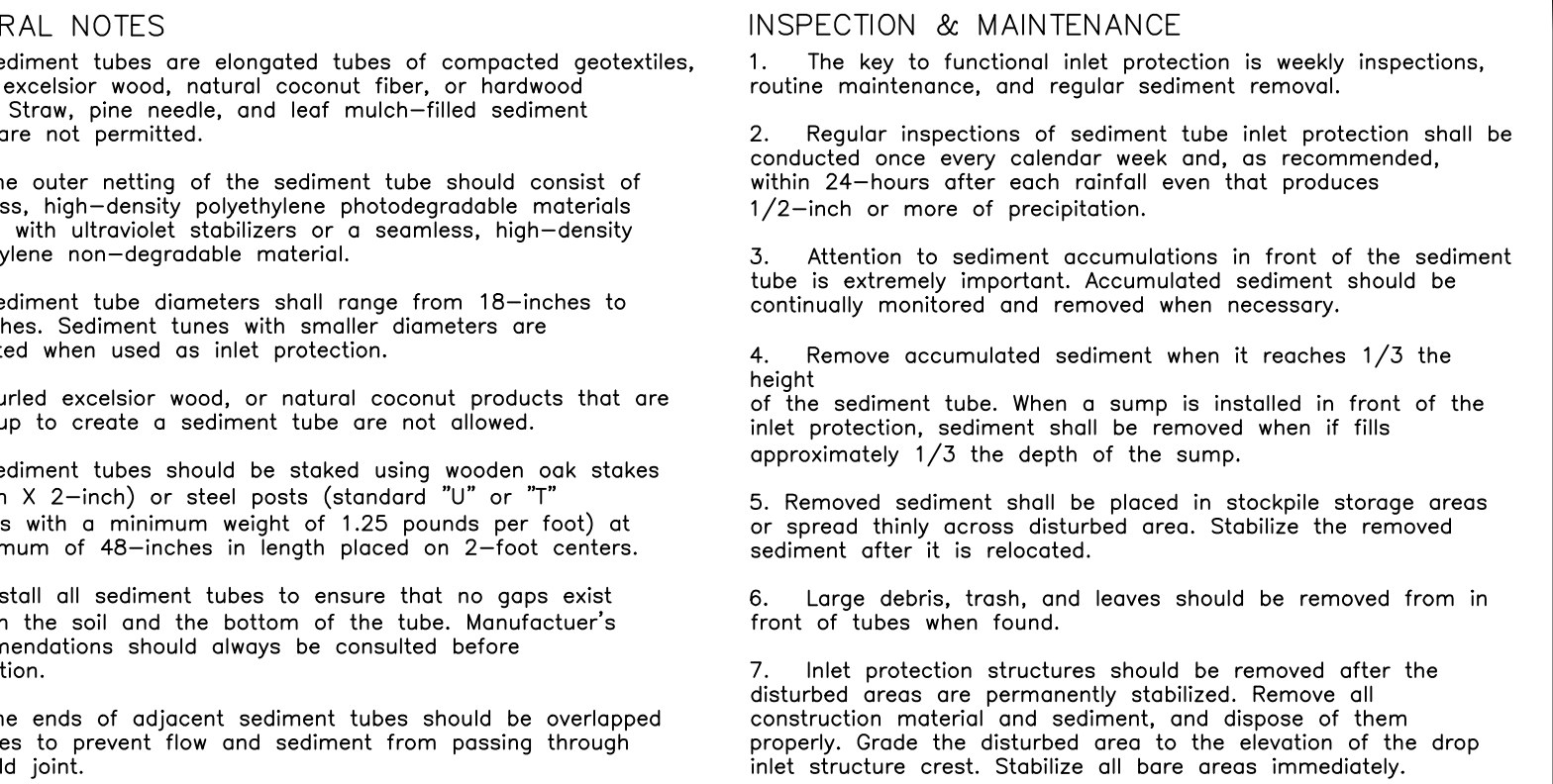
SCALE:
PROJECT MANAGER: ZDJ
DRAWN BY: MSG
PROJECT DATE: 5/3/2023
JOB No.: 2023104
PLOT DATE:
SHEET
D-2

[illegible]



INSPECTION & MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tube inlet protection should 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.
3. Attention to sediment accumulations in front of the sediment tube 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 sediment tube. When a sump is installed in front of the inlet protection, sediment will be removed when it fills approximately 1/3 the depth of the sump.
5. Removed sediment shall be placed in stockpile storage areas and spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Large debris, trash, and leaves should be removed from in front of tubes when found.
7. Inlet protection structures should be removed after 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.

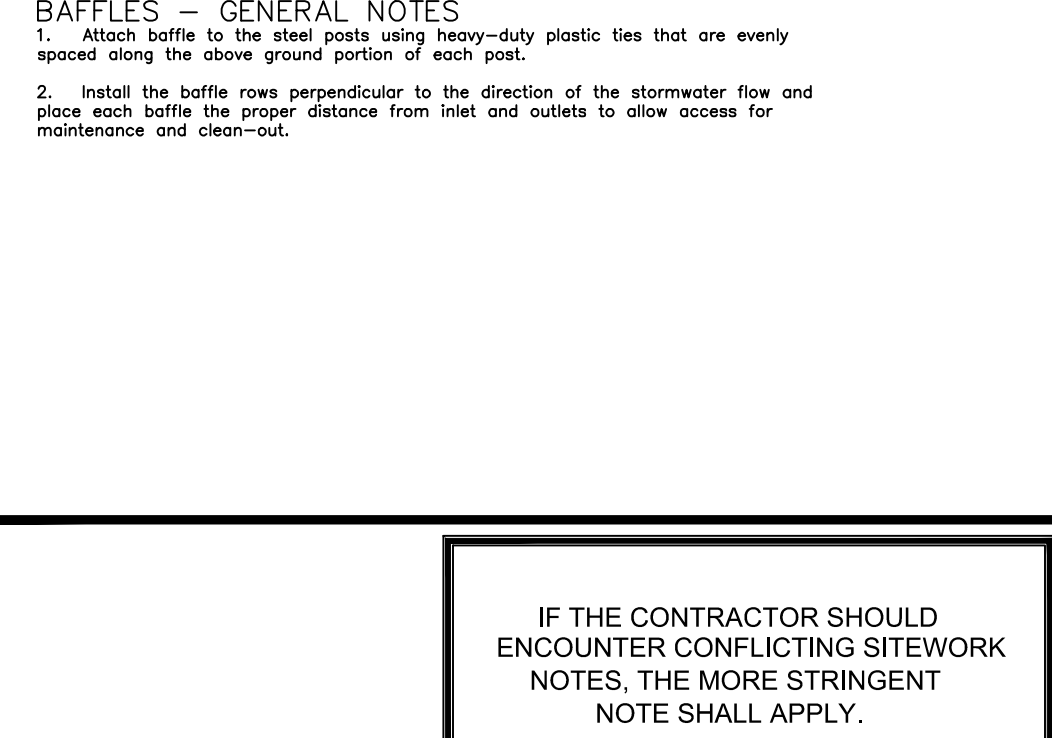
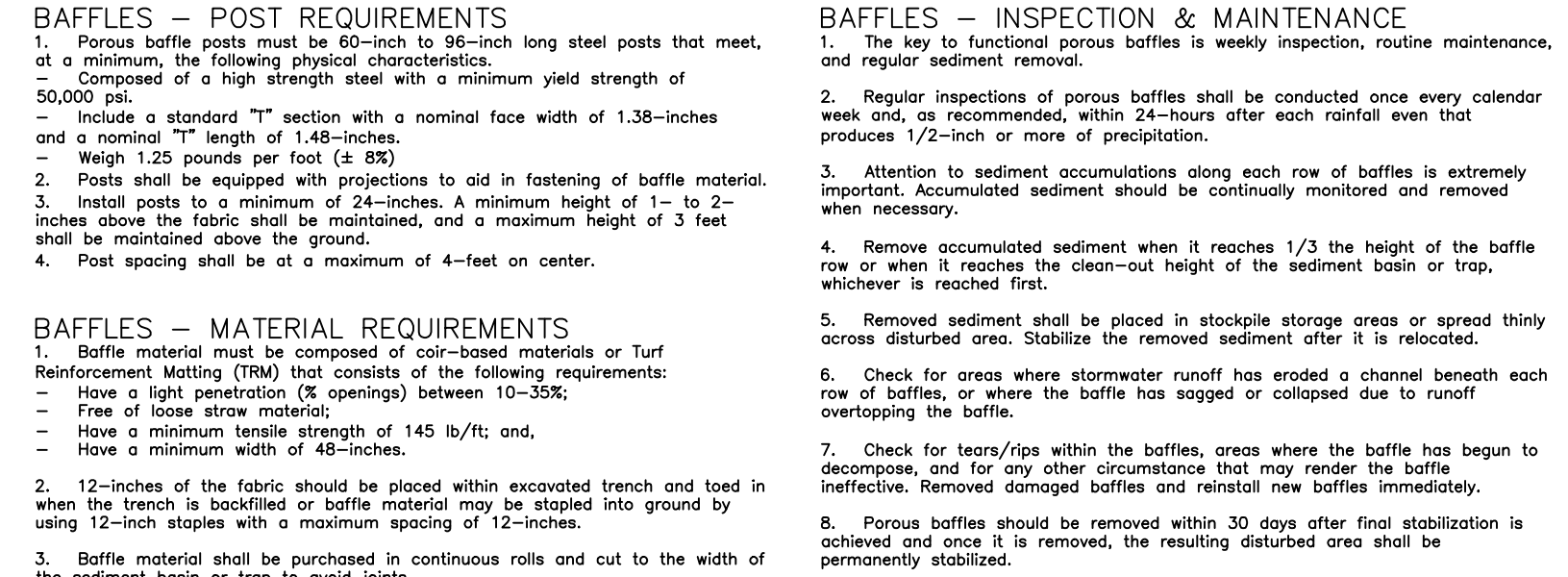


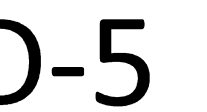
DETENTION POND MAINTENANCE PLAN:

- 1. GRASSING & MOWING**
 - a. OWNER TO MAINTAIN PROPER VEGETATIVE COVER ON SIDE SLOPES, TOP OF DAM, AND BOTTOM OF PONDS.
 - b. OWNER TO MOW GRASS IN DETENTION AREAS 3 TIMES A YEAR.
- 2. TREE AND BRUSH MAINTENANCE**
 - c. OWNER MUST KEEP ALL TREES & BRUSH OUT OF DETENTION AREA INCLUDING THE BOTTOM OF POND, SIDE SLOPES, AND THE TOP OF THE DAM.
- 3. TRASH MAINTENANCE**
 - d. OWNER MUST REMOVE ALL TRASH ACCUMULATED IN THE DETENTION POND, OUTLET STRUCTURE, AND OUTFALL PIPE AREAS.
 - e. OWNER MUST ENSURE ORIFICES ARE CLEANED AND UNCLOGGED.
- 4. PIPE OUTFALL PROTECTION**
 - f. OWNER TO INSPECT PIPE OUTFALL PERIODICALLY. ANY EROSION/STRUCTURAL PROBLEMS ARE TO BE REPAIRED IMMEDIATELY.
- 5. SWALE MAINTENANCE**
 - g. SWALES MUST BE INSPECTED AND MAINTAINED WHEN OTHER STORMWATER FEATURES ARE INSPECTED AND REPAIRED.

CONSTRUCTION SEQUENCE FOR DETENTION/SEDIMENT POND:

1. DEMOLISH, CLEAR, AND GRUB AREA FOR SEDIMENT POND AS SHOWN ON EC-1.
2. EXCAVATE THE POND AS SHOWN ON EC-1 AND USE OUTLET CONTROL CONFIGURATION AS SHOWN ON SHEET D-4 INCLUDING SKIMMER.
3. ENGINEER TO VERIFY INSTALLATION OF PERIMETER CONTROLS AND POND BEFORE PROJECT PROCEEDS
4. MAINTAIN SEDIMENT POND BY REMOVING ACCUMULATED SEDIMENT.
5. CONVERT THE SEDIMENT POND TO PERMANENT DETENTION POND ONCE SITE HAS REACHED 80% STABILIZATION. AS SHOWN ON EC-3
6. INSTALL JUTE MATTING ON THE SLOPES OF THE POND AS SOON AS POSSIBLE
7. REMOVE ACCUMULATED SEDIMENT FROM ALL EROSION CONTROL DEVICES AND POND PRIOR TO FINAL CLOSEOUT.



D

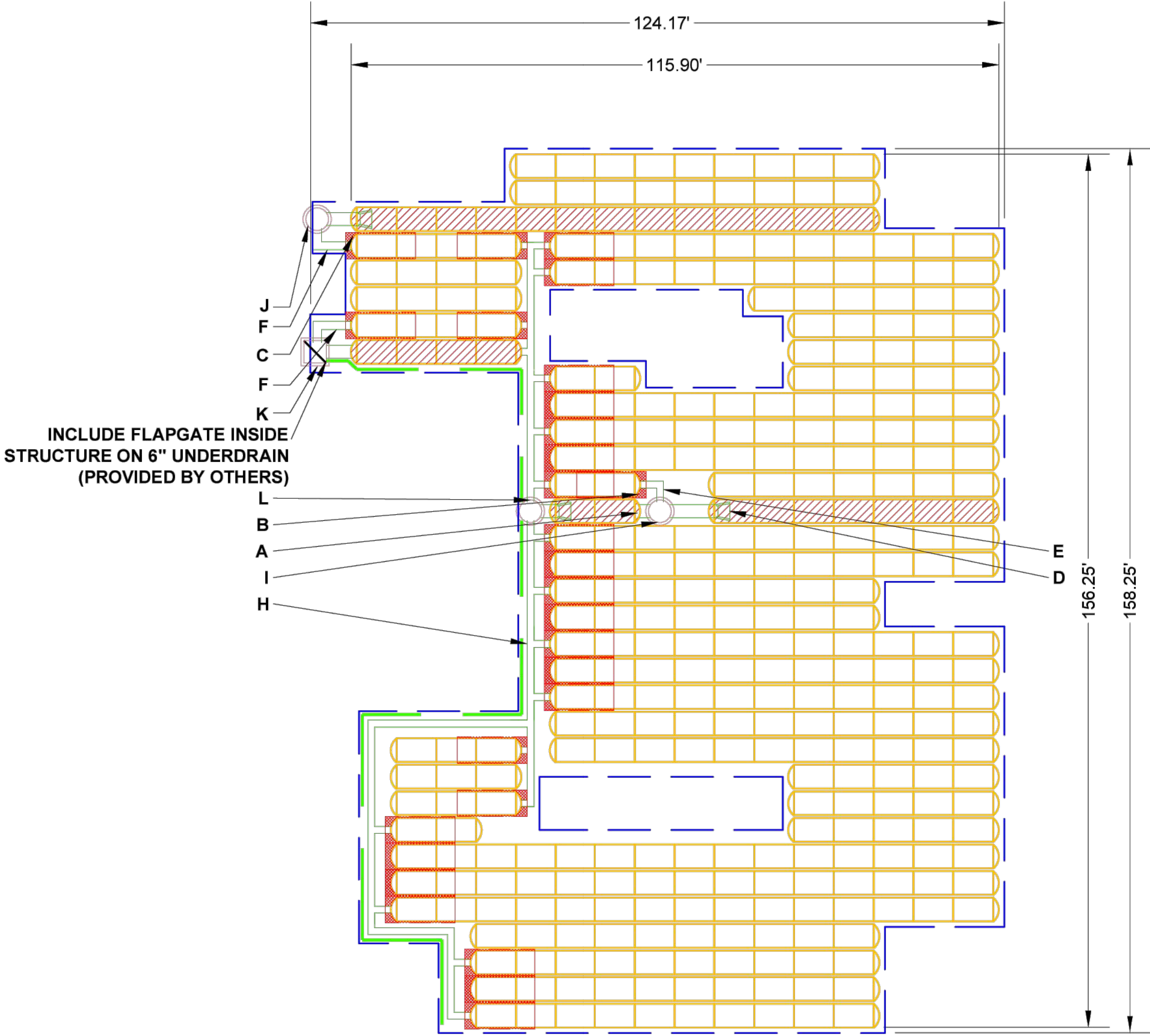
A

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C

D

PROPOSED LAYOUT				PROPOSED ELEVATIONS:				*INVERT ABOVE BASE OF CHAMBER			
351	STORMTECH SC-800 CHAMBERS	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):		670.47	PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW		
90	STORMTECH SC-800 END CAPS	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):		664.22	PREFABRICATED END CAP	A	24" BOTTOM CORED END CAP, PART#: SC800EPE24BPC / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.30"			
6	STONE ABOVE (in)	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):		663.72	PREFABRICATED END CAP	B	12" TOP CORED END CAP, PART#: SC800EPE12TPC / TYP OF ALL 12" TOP CONNECTIONS	14.40"			
6	STONE BELOW (in)	MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):		663.72	PREFABRICATED END CAP	C	15" TOP CORED END CAP, PART#: SC800EPE15TPC / TYP OF ALL 15" TOP CONNECTIONS	11.30"			
40	STONE VOID	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):		663.72	FLAMP	D	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: SC74024RAMP (TYP 3 PLACES)				
30262	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (COVER STONE INCLUDED) (2" OF BASE STONE INCLUDED)	TOP OF STONE:		662.97	MANIFOLD	E	12" x 12" TOP MANIFOLD, ADS N-12	14.40"			
		TOP OF SC-800 CHAMBER:		662.47	MANIFOLD	F	15" x 15" TOP MANIFOLD, ADS N-12	11.30"			
		12" x 12" TOP MANIFOLD INVERT:		660.92	MANIFOLD	G	24" x 24" BOTTOM MANIFOLD, ADS N-12	2.30"			
		12" x 12" TOP MANIFOLD INVERT:		660.92	MANIFOLD	H	12" x 12" TOP MANIFOLD, ADS N-12	14.40"			
		15" x 15" TOP MANIFOLD INVERT:		660.66	CONCRETE STRUCTURE	I	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		2.3 CFS IN		
14342	SYSTEM AREA (SF)	24" ISOLATOR ROW PLUS INVERT:		659.91	CONCRETE STRUCTURE	J	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		2.8 CFS IN		
897.3	SYSTEM PERIMETER (ft)	24" x 24" BOTTOM MANIFOLD INVERT:		659.91	CONCRETE STRUCTURE	K	OCS (DESIGN BY ENGINEER / PROVIDED BY OTHERS)		14.0 CFS OUT		
		24" ISOLATOR ROW PLUS INVERT:		659.91	CONCRETE STRUCTURE	L	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		5.9 CFS IN		
		24" BOTTOM CONNECTION INVERT:		659.72							
		BOTTOM OF SC-800 CHAMBER:		659.72							
		6" UNDERDRAIN INVERT:		659.55							
		BOTTOM OF STONE:		659.22							



- ISOLATOR ROW PLUS
(SEE DETAIL)
- PLACE MINIMUM 12.50' OF ADSPLUS125 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS
- BED LIMITS

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE #6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.

GREENWOOD HOTEL
GREENWOOD, SC. USA
DATE: DRAWN: BH
PROJECT #: CHECKED: N/A

DATE	DRW	CHK	DESCRIPTION

StormTech®
Chamber System
888-892-2694 | WWW.STORMTECH.COM

4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

03060

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SHEET
2 OF 5

NO.	DATE	BY	REVISION

Gray

Engineering

132 PILGRIM ROAD - GREENVILLE, SC 29607
PH: 864.606.7417
WWW.GRAYENGINEERING.COM

SC C.O.A.# 000060 - NC C.O.A.# C1217 - GA C.O.A.# PE003941 - TN C.O.A.# 0410819 -

CERTIFICATE OF AUTHORITY
H. J. HOSKINS
ENGINEERING CONSULTANTS
No. 000060
CAROLINA No. 00112

CERTIFICATE OF AUTHORITY
J. S. J. J.
ENGINEER
No. 49826
CAROLINA No. 49826

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MISCELLANEOUS NOTES AND DETAILS

PROPOSED
HOME 2 SUITES
BY HILTON

GREENWOOD COUNTY
SOUTH CAROLINA

475 HOSPITALITY BOULEVARD

SCALE:
PROJECT MANAGER: ZDJ
DRAWN BY: MSG
PROJECT DATE: 5/3/2023
JOB No.: 2023104
PLOT DATE:
SHEET
D-6

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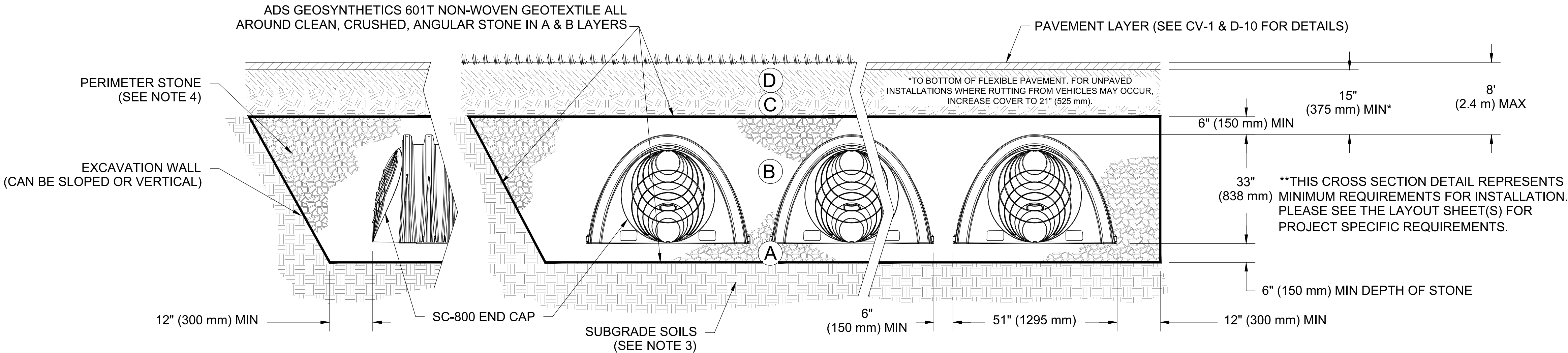
C

D

ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145' A-1, A-2-4, A-3 OR AASHTO M43' 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE5	AASHTO M43' 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE5	AASHTO M43' 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

GREENWOOD HOTEL

GREENWOOD, SC, USA

DRAWN: BH

CHECKED: N/A

DATE:

PROJECT #:

DESCRIPTION

DATEDRWCHK

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HILLIARD, OH 43026
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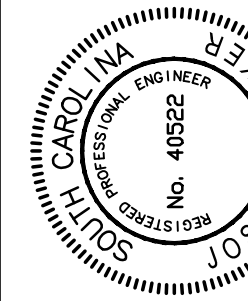
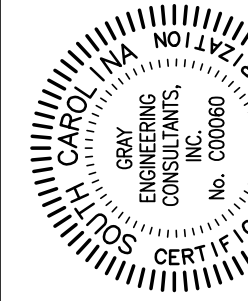
REVISION

NO.

DATE

BY

Gray Engineering
132 PILGRIM ROAD - GREENVILLE, SC 29607
PH: 864.606.7417
WWW.GRAYENGINEERING.COM



MISCELLANEOUS NOTES AND DETAILS

PROPOSED
HOME 2 SUITES
BY HILTON

475 HOSPITALITY BOULEVARD

GREENWOOD COUNTY
SOUTH CAROLINA

SCALE:

PROJECT MANAGER: ZDJ

DRAWN BY: MSG

PROJECT DATE: 5/3/2023

JOB No.: 2023104

PLOT DATE:

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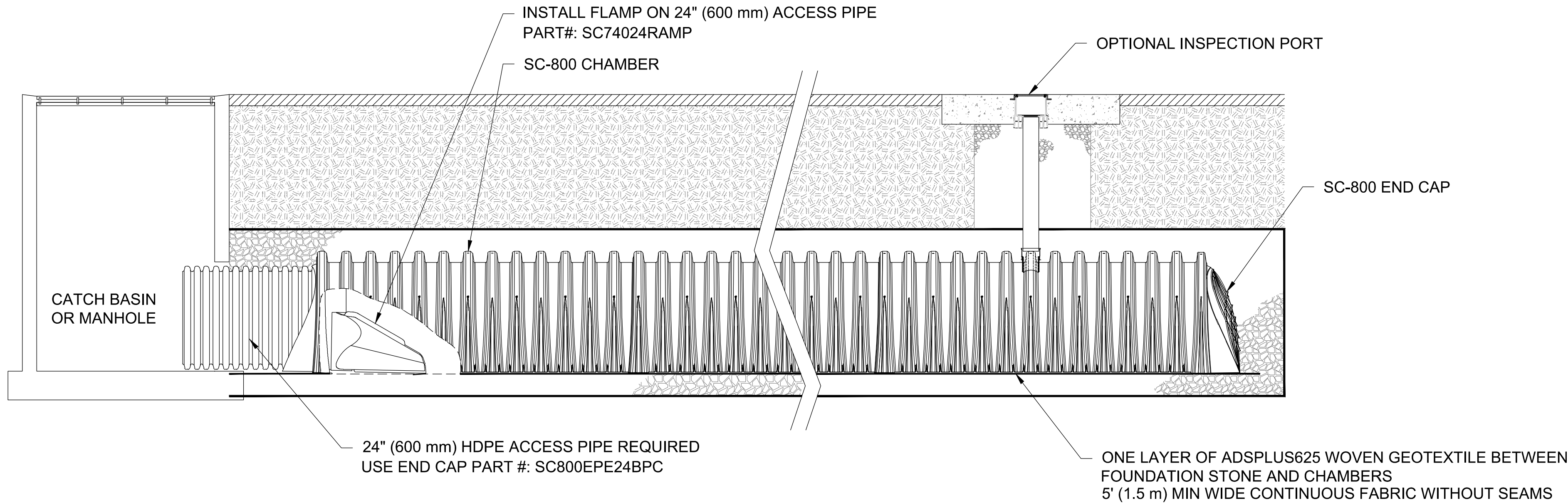
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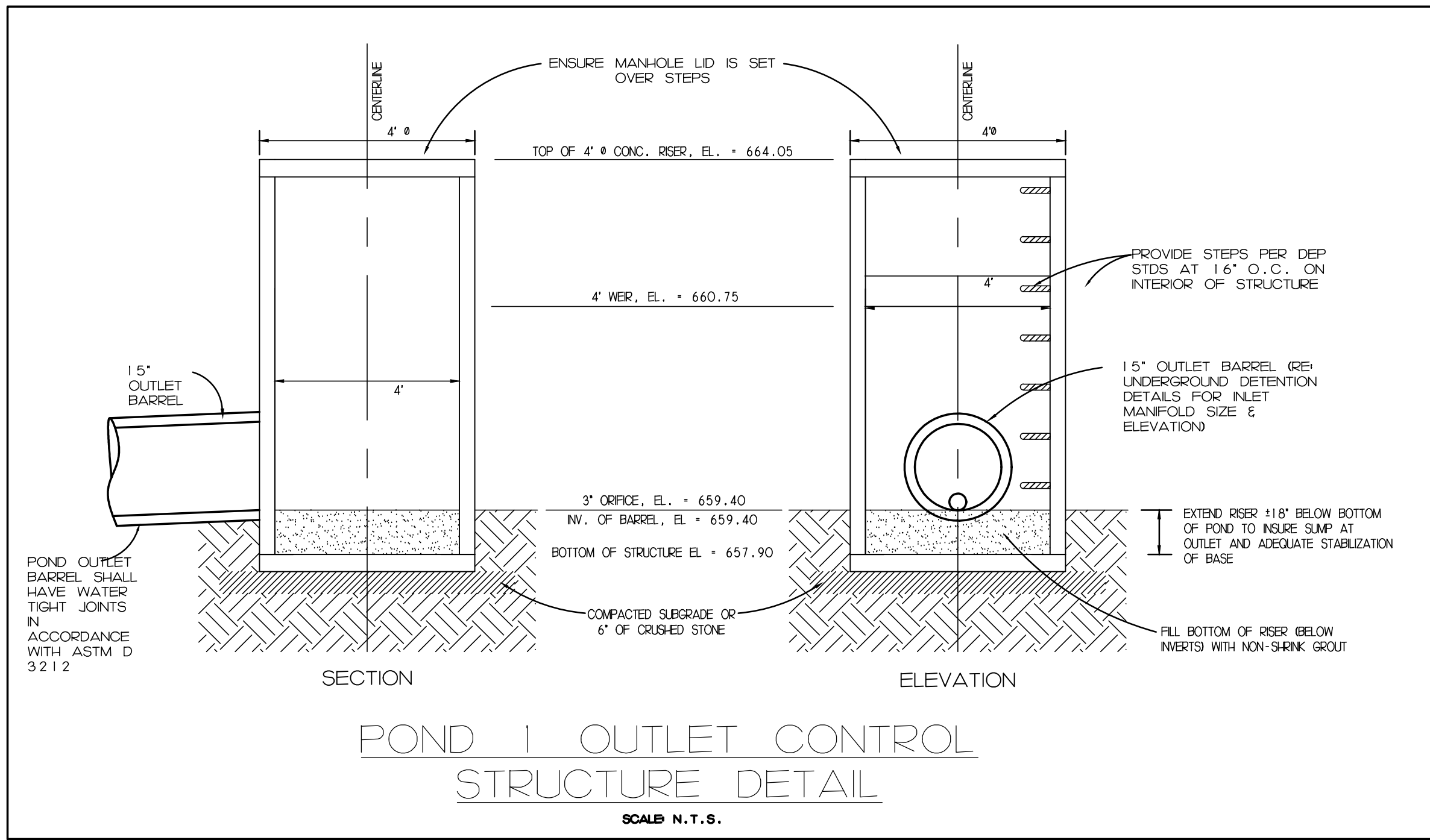
SC-800 ISOLATOR ROW PLUS DETAIL
NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
- A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
- B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



GREENWOOD HOTEL

GREENWOOD, SC, USA

DRAWN: BH

CHECKED: N/A

DATE:

PROJECT #:

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NO.	DATE	BY	REVISION

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SC C.O.A.# C00060 - NC C.O.A.# C1217 - GA C.O.A.# PEC001941 - TN C.O.A.# 0410819 -

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MISCELLANEOUS NOTES AND DETAILS

PROPOSED
HOME 2 SUITES
BY HILTON

GREENWOOD COUNTY
SOUTH CAROLINA

475 HOSPITALITY BOULEVARD

SCALE:

PROJECT MANAGER: ZDI

DRAWN BY: MSG

PROJECT DATE: 5/3/2023

JOB No.: 2023104

PLOT DATE:

SHEET
D-8

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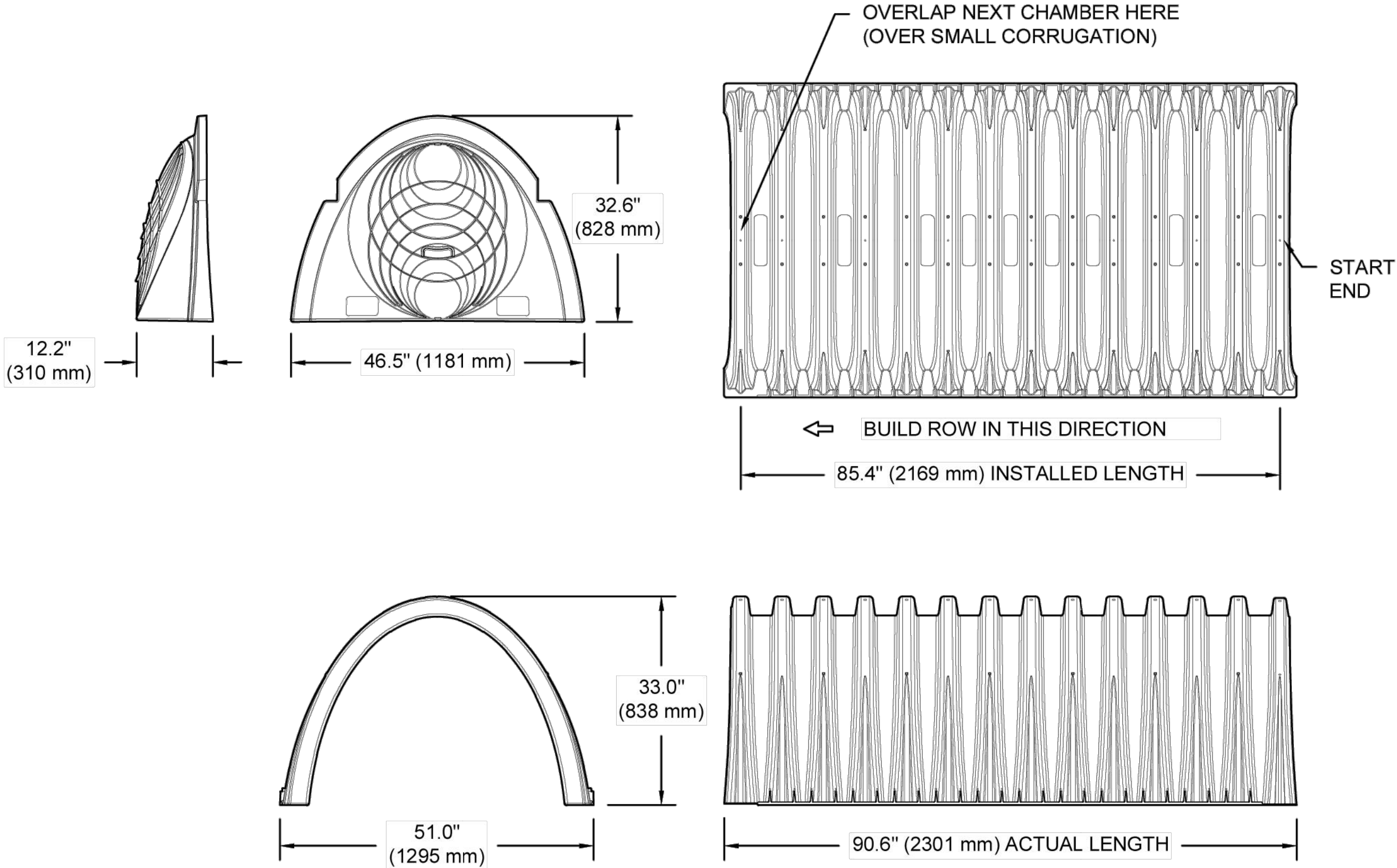
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SC-800 TECHNICAL SPECIFICATION

NTS



NOMINAL CHAMBER SPECIFICATIONS

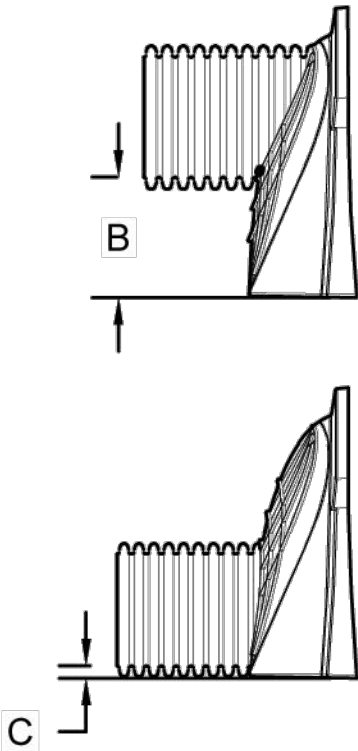
SIZE (W X H X INSTALLED LENGTH)	51.0" X 33.0" X 85.4"	(1295 mm X 838 mm X 2169 mm)
CHAMBER STORAGE	50.6 CUBIC FEET	(1.43 m³)
MINIMUM INSTALLED STORAGE*	81.0 CUBIC FEET	(2.29 m³)
WEIGHT	81.8 lbs.	(37.1 kg)

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-CORED HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-CORED HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART #	STUB	B	C
SC800EPE06TPC	6" (150 mm)	21.4" (544 mm)	---
SC800EPE06BPC		---	0.9" (23 mm)
SC800EPE08TPC	8" (200 mm)	19.2" (488 mm)	---
SC800EPE08BPC		---	1.0" (25 mm)
SC800EPE10TPC	10" (250 mm)	17.0" (432 mm)	---
SC800EPE10BPC		---	1.2" (30 mm)
SC800EPE12TPC	12" (300 mm)	14.4" (366 mm)	---
SC800EPE12BPC		---	1.6" (41 mm)
SC800EPE15TPC	15" (375 mm)	11.3" (287 mm)	---
SC800EPE15BPC		---	1.7" (43 mm)
SC800EPE18TPC	18" (450 mm)	8.0" (203 mm)	---
SC800EPE18BPC		---	2.0" (51 mm)
SC800EPE24BPC	24" (600 mm)	---	2.3" (58 mm)
SC800EPE	NONE	SOLID END CAP	

NOTE: ALL DIMENSIONS ARE NOMINAL



GREENWOOD HOTEL

GREENWOOD, SC, USA

DRAWN: BH

CHECKED: N/A

DATE:

PROJECT #:

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SHEET
5 OF 5

MISCELLANEOUS NOTES AND DETAILS

PROPOSED
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BY HILTON

475 HOSPITALITY BOULEVARD
GREENWOOD COUNTY
SOUTH CAROLINA

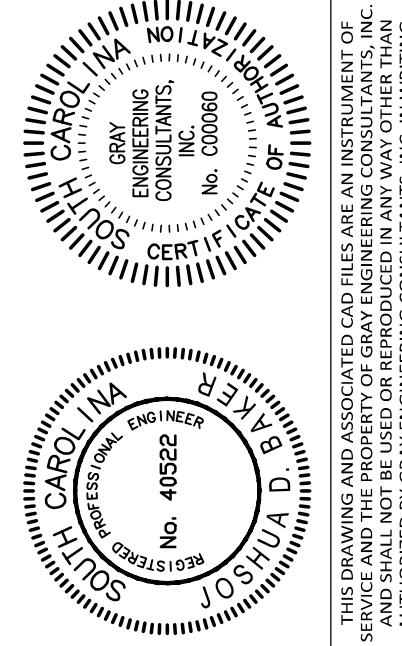
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PROJECT DATE: 5/3/2023
JOB No.: 2023104
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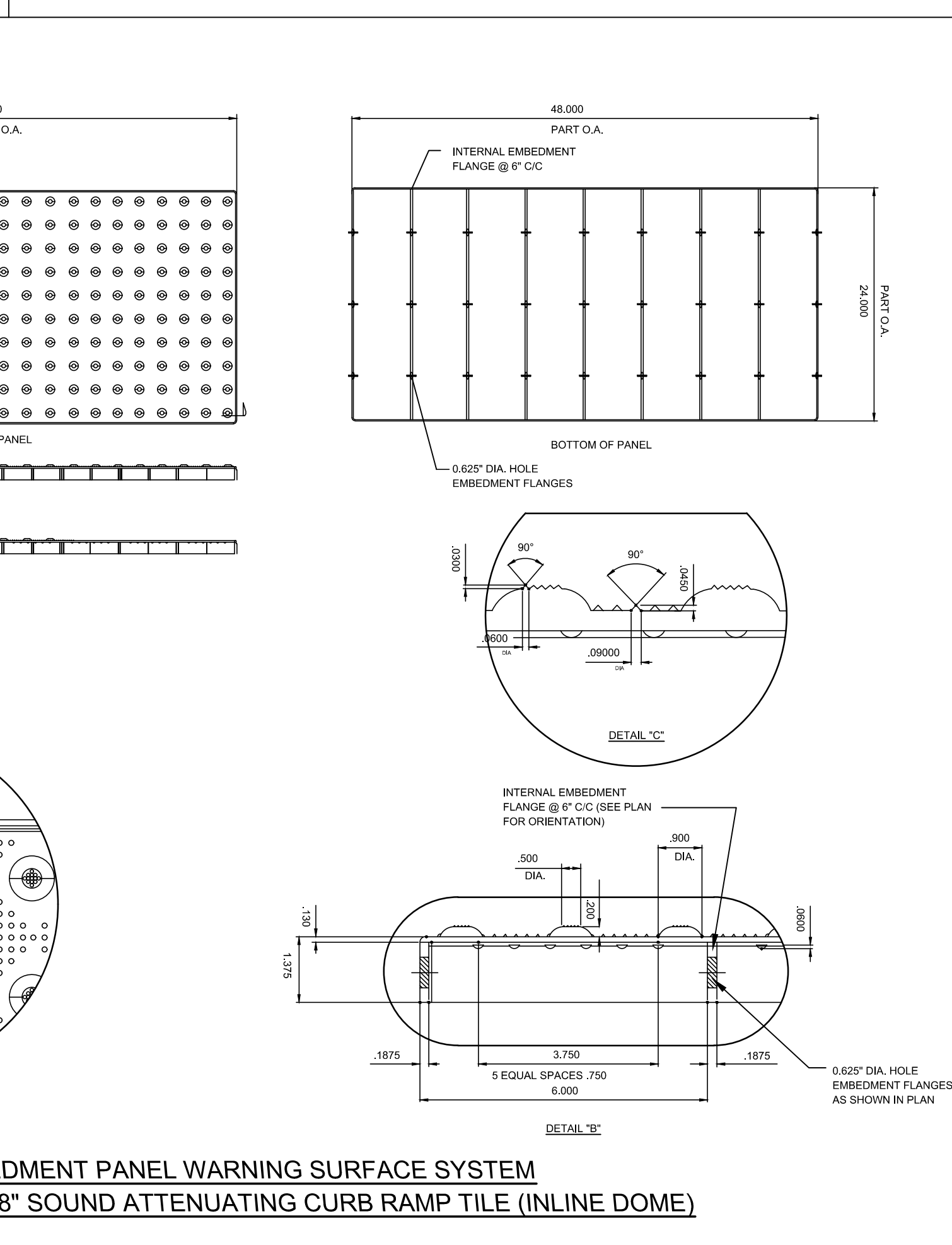
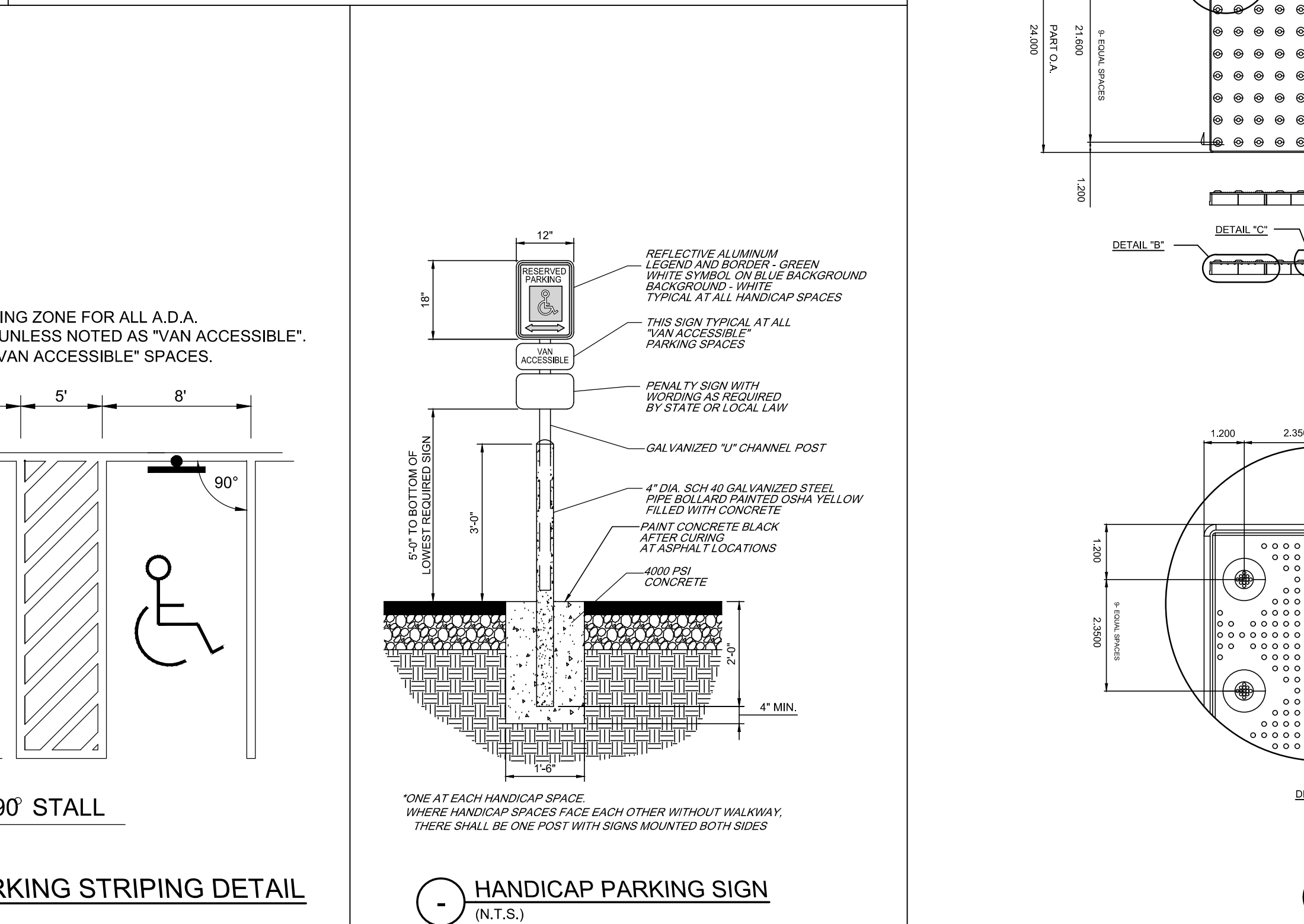
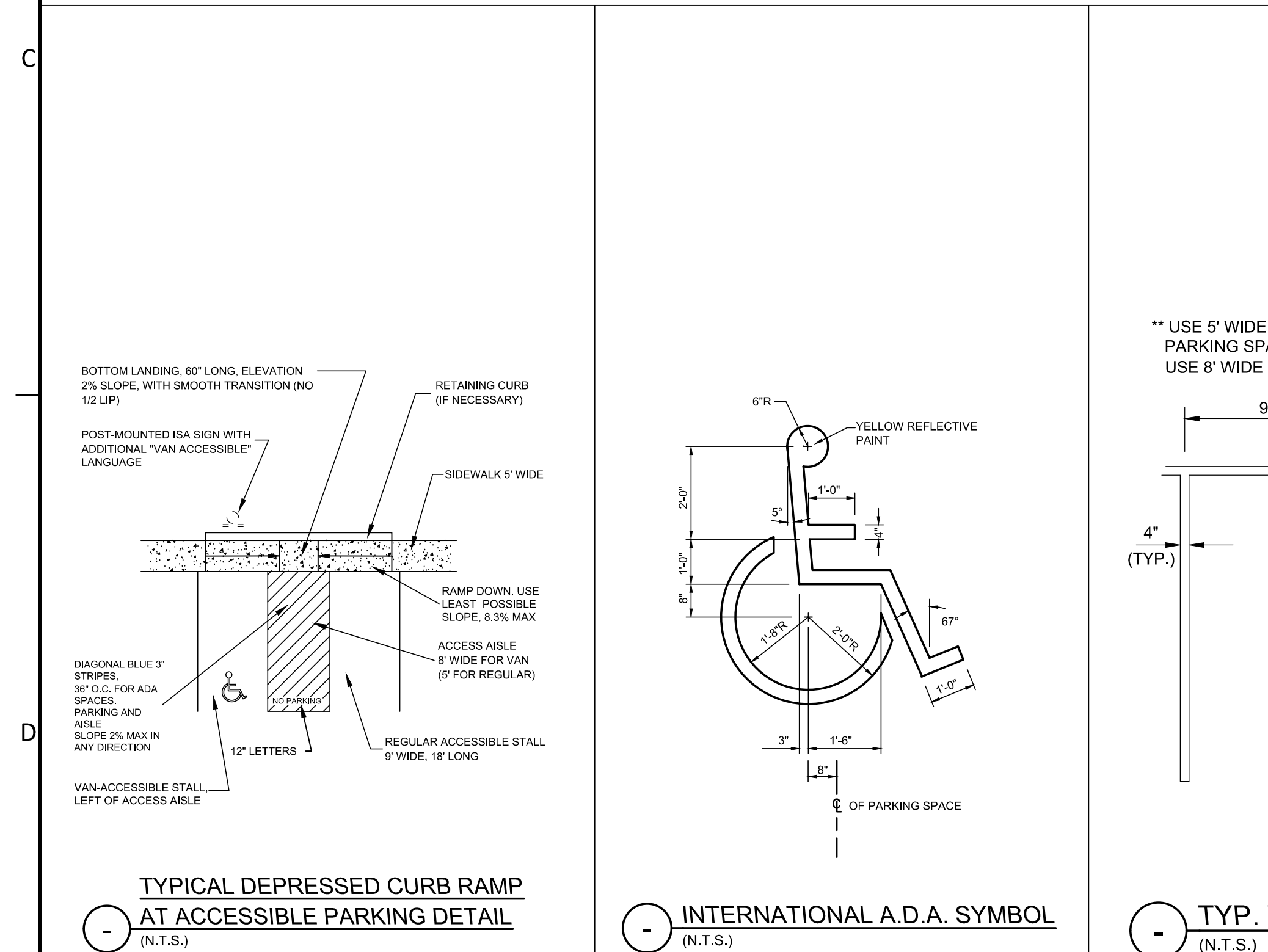
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SCALE:	AS NOTED
PROJECT MANAGER:	ZDI
DRAWN BY:	MSG
PROJECT DATE:	5/3/2023
JOB No.:	2023104
PLOT DATE:	3/26/25
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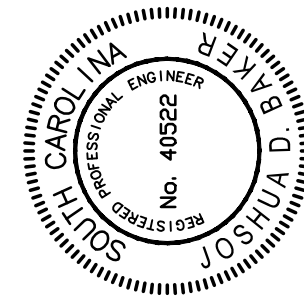
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PROJECT MANAGER:	ZDJ
DRAWN BY:	MSG
PROJECT DATE:	5/3/2023
JOB No.:	2023104
PLOT DATE:	3/26/25

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MISCELLANEOUS NOTES AND DETAILS

PROPOSED
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GREENWOOD COUNTY
SOUTH CAROLINA



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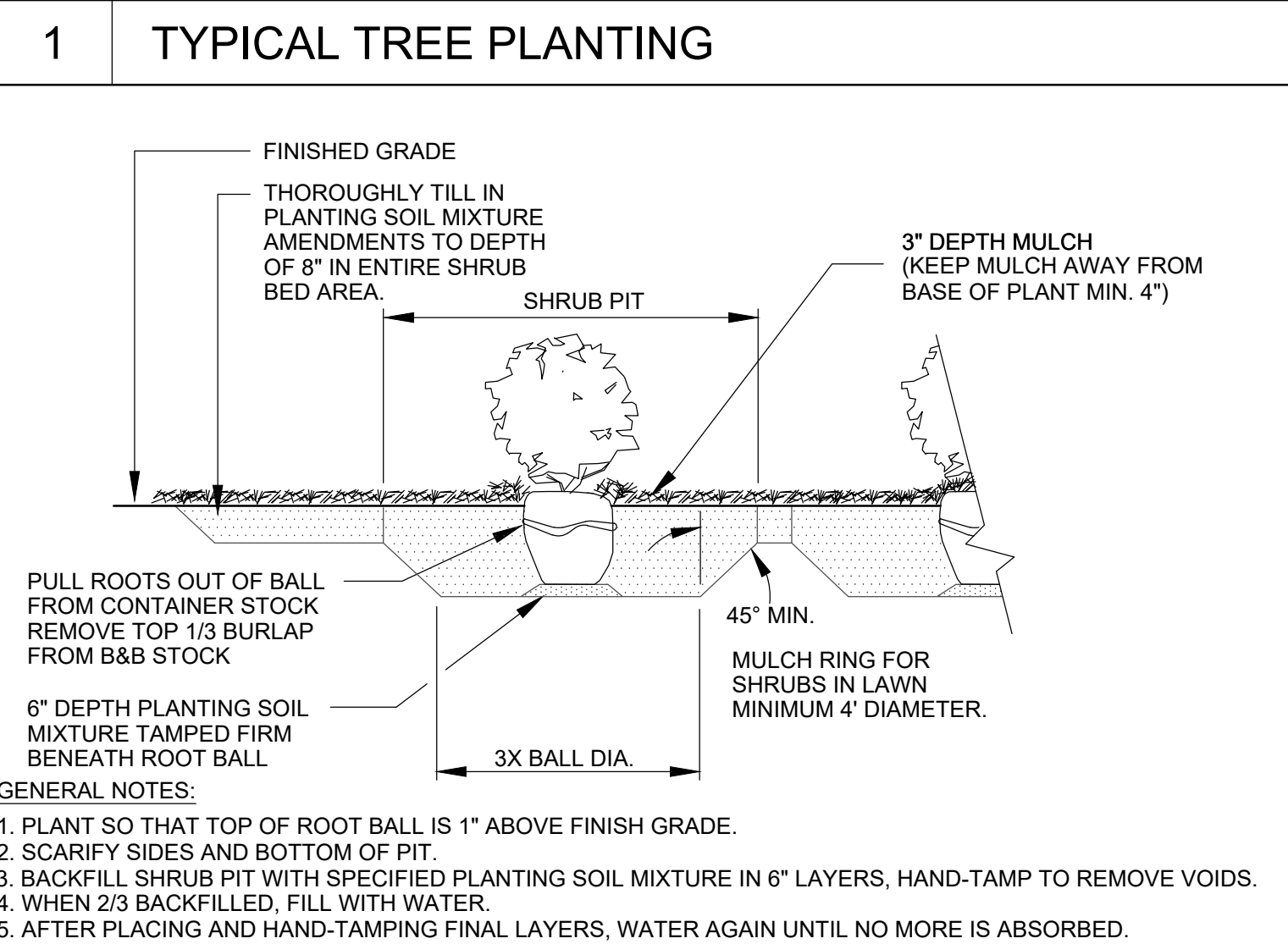


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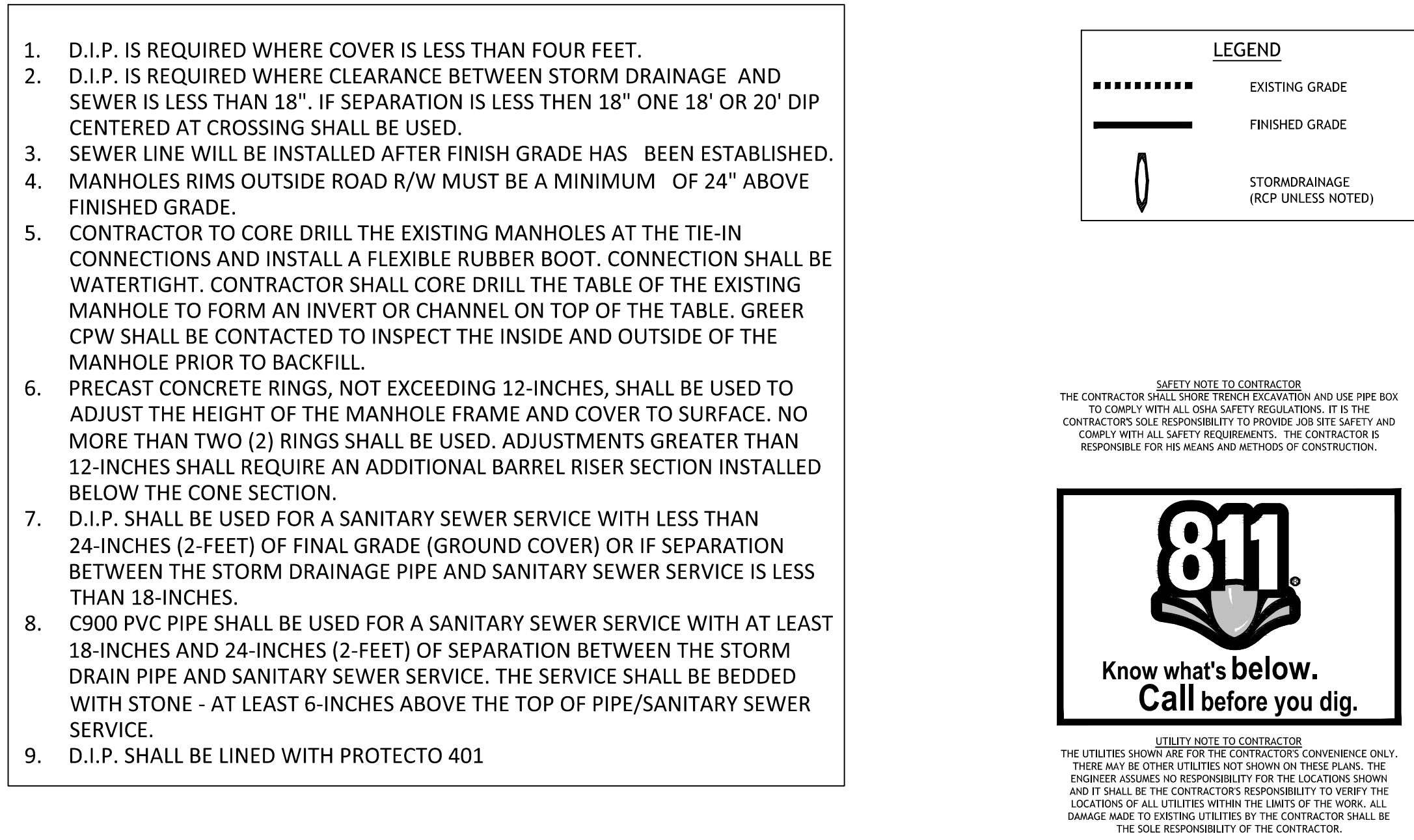
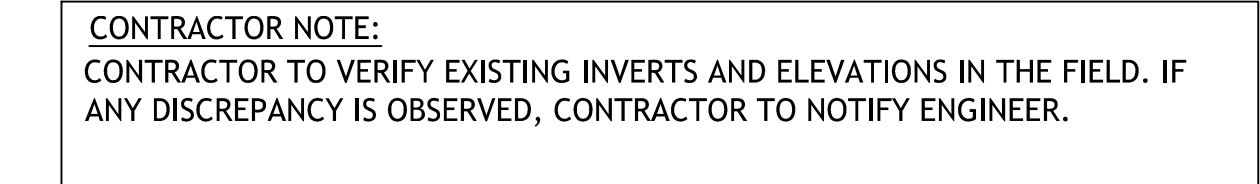
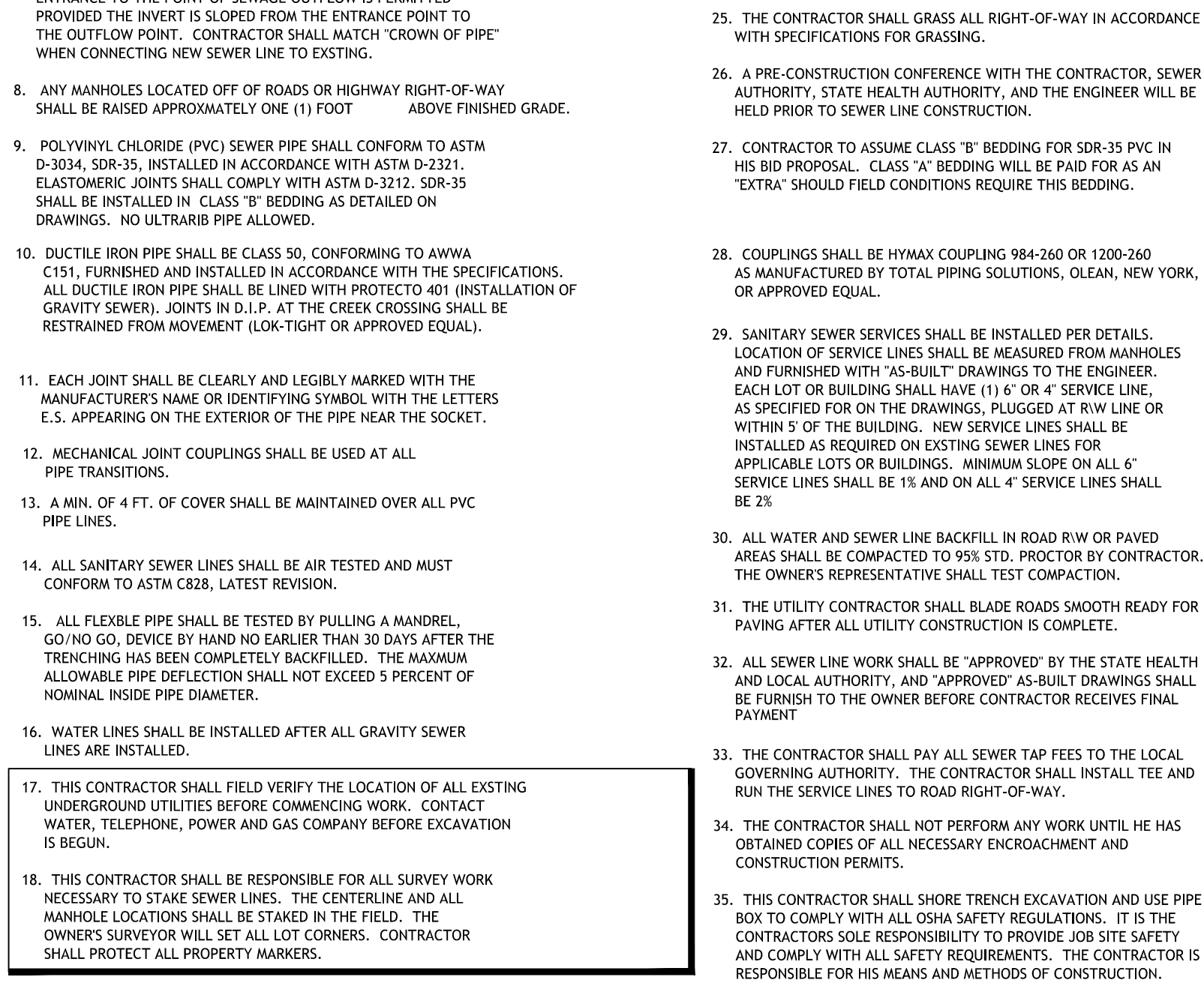
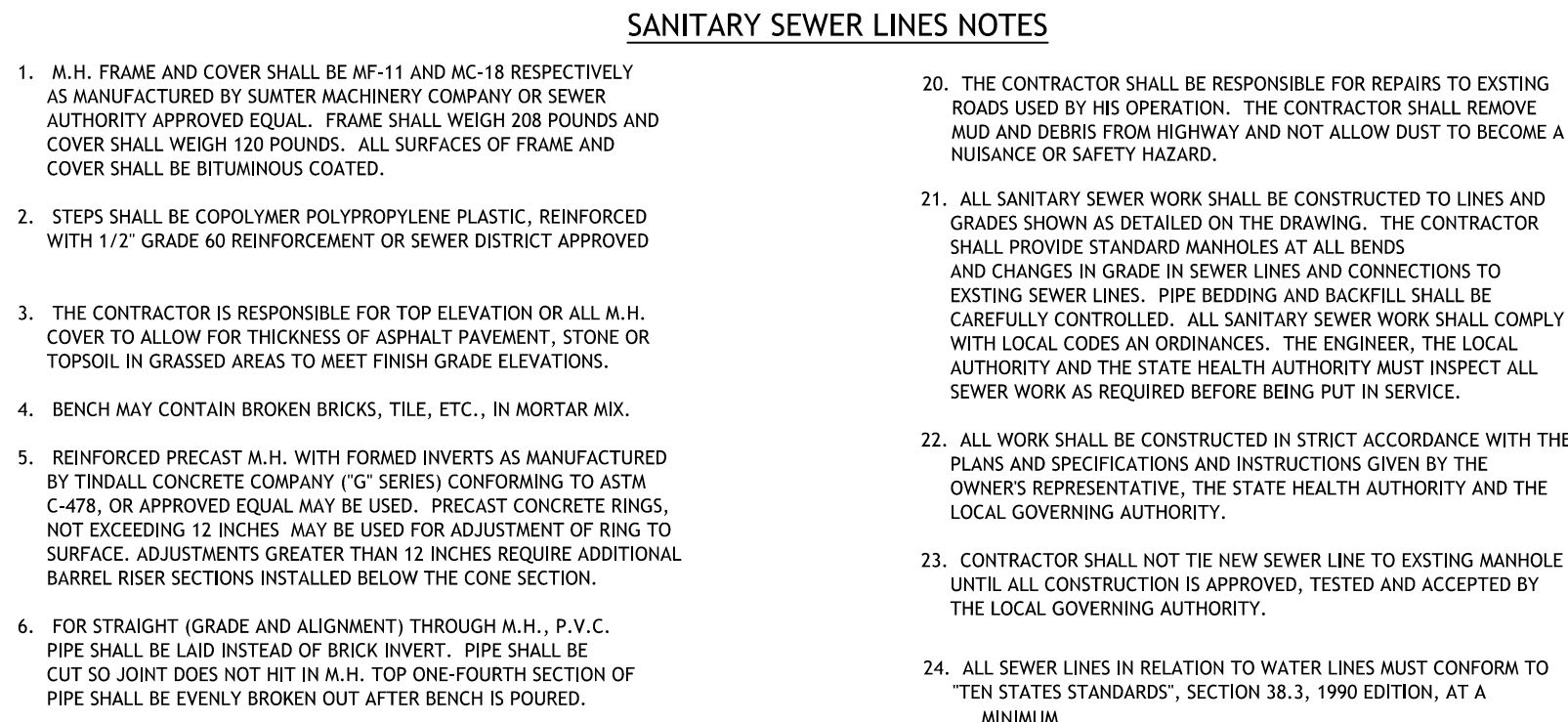
1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING OR CONTINUING WORK.
3. THERE WILL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL MEET WITH LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK SO THAT THERE IS A CLEAR UNDERSTANDING OF PROJECT REQUIREMENTS. FAILURE TO DO SO JEOPARDIZES FINAL ACCEPTANCE OF WORK.
5. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE AND FEDERAL REQUIREMENTS.
6. LANDSCAPE ARCHITECT TO INSPECT QUALITY OF PLANT MATERIAL UPON ARRIVAL AT JOB SITE AND LAYOUT OF HARDSCAPE ELEMENTS AND PLANT MATERIAL PRIOR TO INSTALLATION.
7. DOUBLE SHREDDED HARDWOOD MULCH TO BE INSTALLED TO A MINIMUM 3" THICKNESS. MULCH ALL DISTURBED AREAS. MULCH TO BE MAINTAINED BY PAVEMENT, SODDING OR SEEDING. SEE PLAN FOR OTHER MULCH MATERIALS REQUIRED.
8. THIS PLAN IS SCHEMATIC AND, DUE TO THE NATURE OF CONSTRUCTION, SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT THIS PLAN.
9. CONTRACTOR TO INSTALL PROPER DRAINAGE MEASURES (SWALE, YARD INLETS) TO ENSURE THAT THERE IS NO STANDING WATER OR SATURATED SOILS.
10. CONTRACTOR TO PROVIDE AND INSTALL A FULLY CONTROLLED AUTOMATIC IRRIGATION SYSTEM FOR ALL LANDSCAPE AREAS IDENTIFIED ON THIS DRAWING. PROVIDE HEAD-TO-HEAD EVEN PRECIPITATION RATE COVERAGE. PROVIDE SHOP DRAWINGS FOR LANDSCAPE ARCHITECT'S REVIEW.
11. THERE SHALL BE NO IRRIGATION BOXES, BACKFLOW PREVENTERS, RAIN SENSORS, VALVES, ETC. IN THE SCOOT RIGHT-OF-WAY. ANY IMPROVEMENTS IN THE RIGHT OF WAY REQUIRE SCOOT ENCROACHMENT PERMIT APPROVAL.

[illegible]

FOUNDATION PLANTINGS
REQUIRED AS SHOWN PER PLANS

DESIGNED:	BS	REVISIONS		
REVIEWED:	BS	NO	DATE	ITEM
DRAWN:	BS	1	9.12.24	ISSUED FOR PERMIT
2024-057	09-12-2024	2	9.22.24	PERMIT REVISION 1
PROJECT NO.	DATE			
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SCALE				

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SANITARY SEWER PROFILES

**PROPOSED
HOME 2 SUITES
BY HILTON**

475 HOSPITALITY BOULEVARD
GREENWOOD COUNTY
SOUTH CAROLINA

A compass rose showing cardinal and intercardinal directions (N, NE, E, SE, S, SW, W, NW) with degree markings. Below it is a graphic scale bar marked from 0 to 20 feet. Below the scale bar is the text 'SCALE: 1" = 10\''. Below this is a table with project information.

PROJECT MANAGER: ZDJ

DRAWN BY: MSG

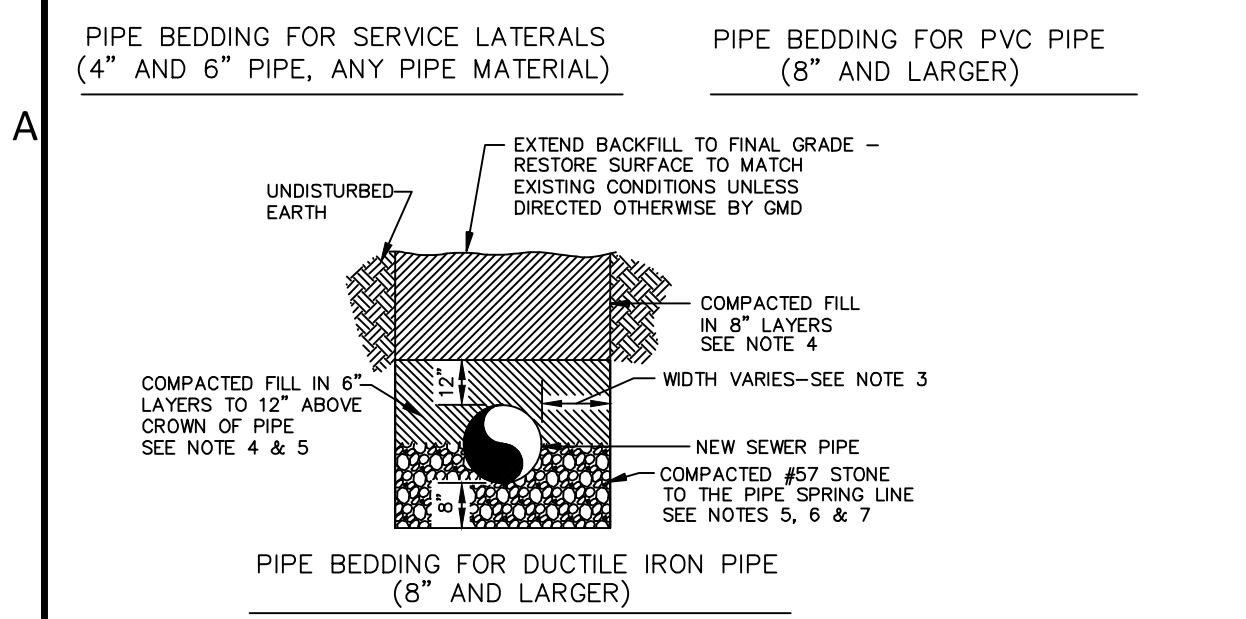
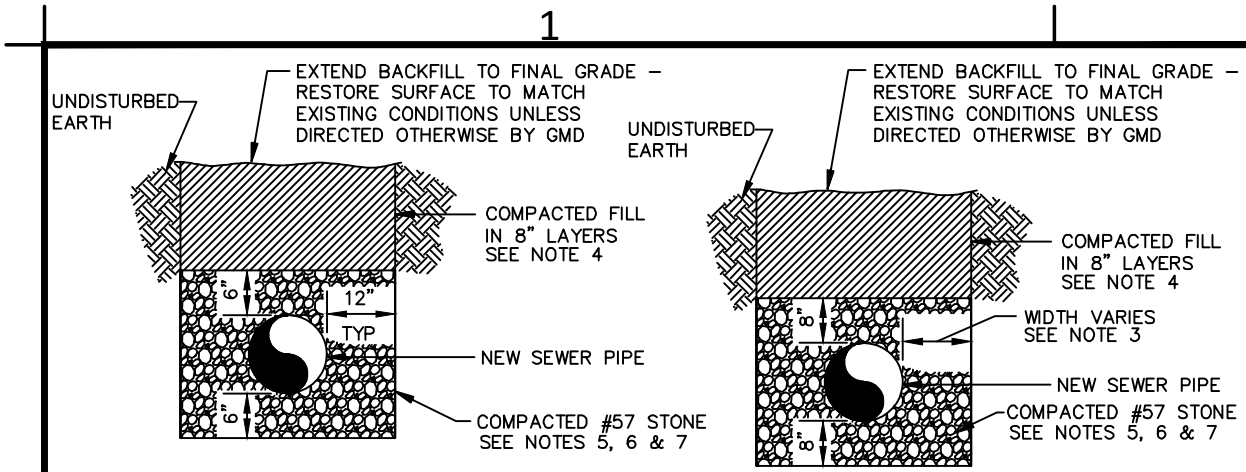
PROJECT DATE: 5/3/2023

JOB No.: 2023104

PLOT DATE: 3/26/25

SHEET

SS-1

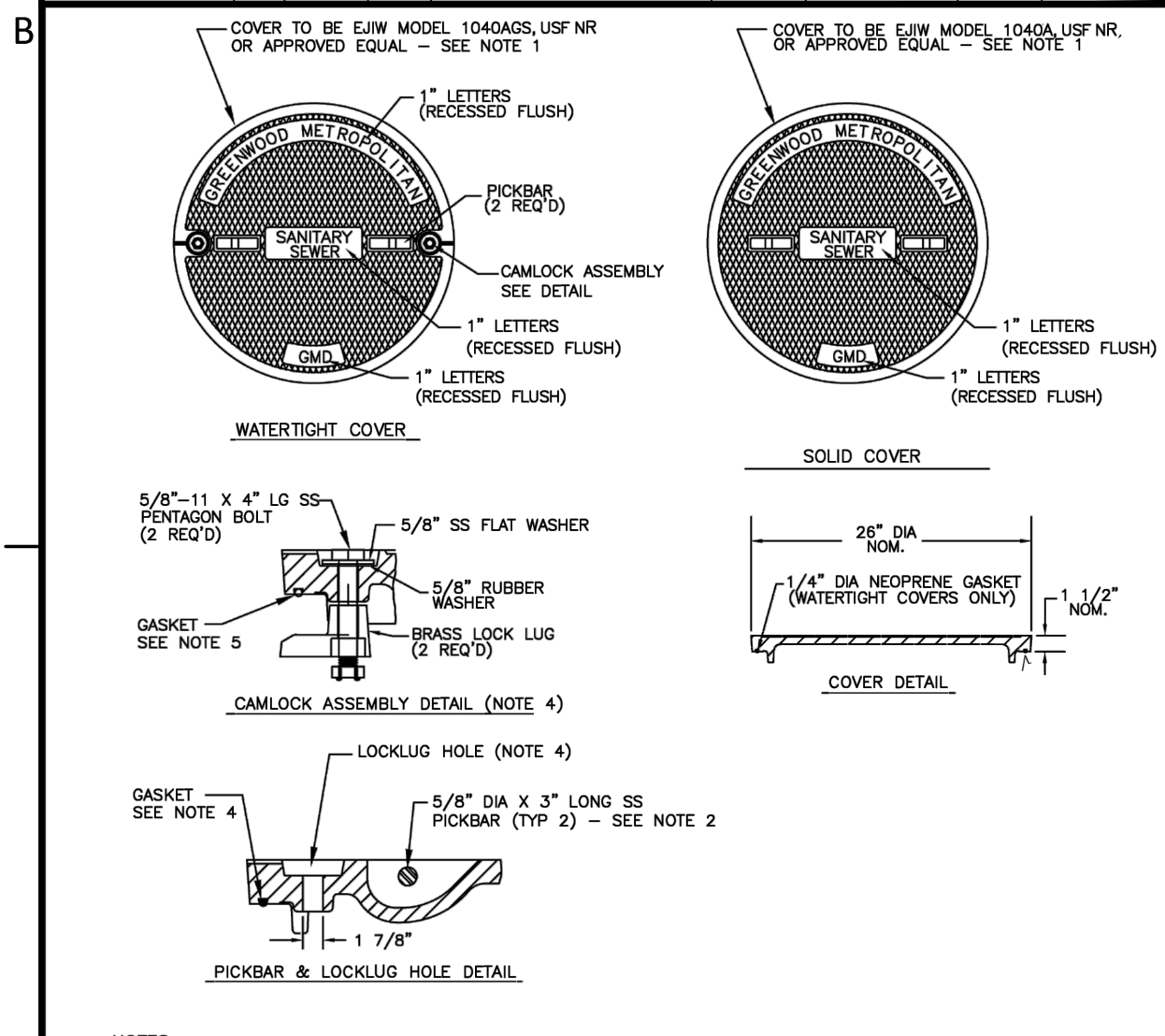


No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
PIPE BEDDING			
Scale	Approved By	Date	DETAIL NO. SS-1

No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
MANHOLE SCHEDULES AND GENERAL REQUIREMENTS			
Scale	Approved By	Date	DETAIL NO. SS-2



No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
STANDARD MANHOLE COVERS			
Scale	Approved By	Date	DETAIL NO. SS-9A

No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
MANHOLE SCHEDULES AND GENERAL REQUIREMENTS			
Scale	Approved By	Date	DETAIL NO. SS-2

No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
PIPE BEDDING			
Scale	Approved By	Date	DETAIL NO. SS-1

No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
MANHOLE SCHEDULES AND GENERAL REQUIREMENTS			
Scale	Approved By	Date	DETAIL NO. SS-2

No.	Date	By	Revision

GREENWOOD METROPOLITAN DISTRICT GREENWOOD, SOUTH CAROLINA			
MANHOLE SCHEDULES AND GENERAL REQUIREMENTS			
Scale	Approved By	Date	DETAIL NO. SS-2

No.	Date	By	Revision

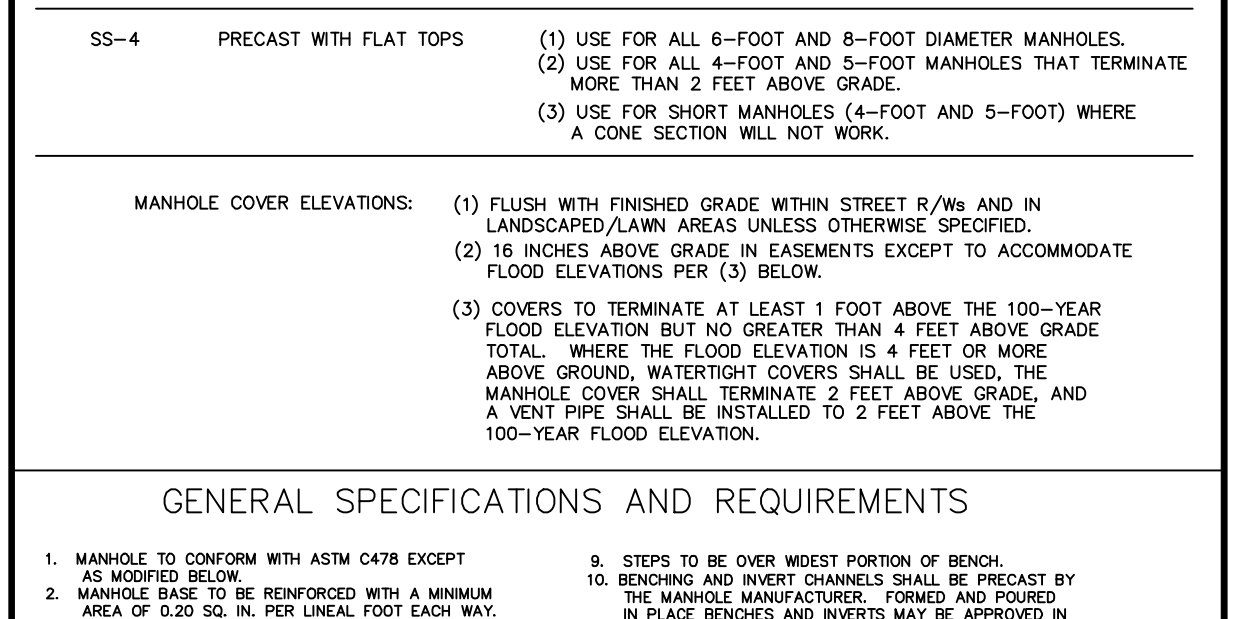
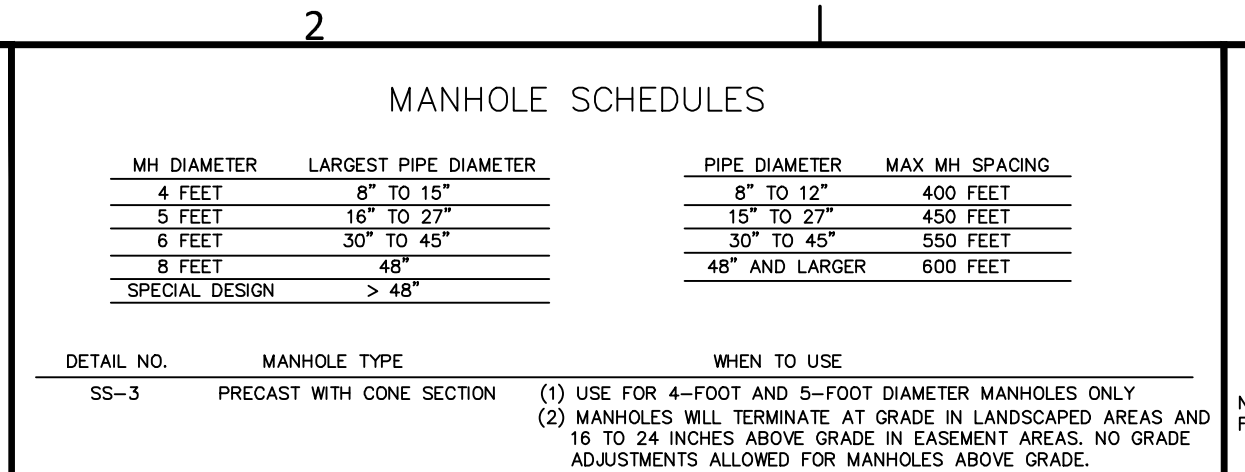
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