

LEGEND OF GRADE NOTATIONS:

- TC = TOP OF CURB
- FL = FLOW LINE OF GUTTER
- P = ASPHALT OR CONCRETE PAVEMENT SURFACE
- SW = SIDEWALK SURFACE
- G = GROUND SURFACE
- M.G. = MATCH EXISTING GRADE
- H.P. = HIGH POINT OF GRADED SURFACE
- W.D. = WIPE TOP OF CURB DOWN TO MATCH EXISTING

DRAINAGE/ GRADING NOTES:

1. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
2. HIGH-DENSITY POLYETHYLENE (HDPE) STORM DRAINAGE PIPE INSTALLED WITHIN EXISTING OR PROPOSED PUBLIC STREET RIGHT-OF-WAY MUST BE APPROVED BY THE CITY/COUNTY INSPECTOR PRIOR TO ANY BACKFILL BEING PLACED. BACKFILL MATERIAL MUST BE APPROVED BY THE CITY/COUNTY INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE PUBLIC STREET RIGHT-OF-WAY.
3. CURB AND STAKES SHOWN ON PLANS ALONG PUBLIC STREETS MAY BE ADJUSTED BASED UPON FIELD STAKING BY CITY/COUNTY ENGINEERING. ASSOCIATED STORM DRAINAGE MAY ALSO REQUIRE MODIFICATION BASED UPON FIELD CONDITIONS.
4. SUBSURFACE DRAINAGE FACILITIES MAY BE REQUIRED IN THE STREET RIGHT-OF-WAY IF DEEMED NECESSARY BY THE INSPECTOR.
5. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.3% SLOPE ON THE CURB.
6. "AS-BUILT" DRAWINGS AND PLANS OF THE STORM DRAINAGE SYSTEM, INCLUDING DESIGNED DITCHES, MUST BE SUBMITTED PRIOR TO FINAL INSPECTION TO THE TOWN IN ACCORDANCE WITH THE ASBUILT CHECKLIST. AS-BUILT MUST BE CERTIFIED BY THE SITE ENGINEER.
7. ALL STORM PIPE MATERIAL SHALL COMPLY WITH LOCAL REGULATIONS.
8. CONTRACTOR SHALL INSURE THAT ALL STORM PIPE CONNECTIONS MEET SCDOT STANDARDS FOR LEAK RESISTANCE.
9. ALL STORM SEWER STRUCTURES PLACED IN A PAVED AREA SHALL BE FLUSH WITH FINISH GRADE AND SHALL HAVE A TRAFFIC BEARING FRAME AND LID. ALL STORM SEWER STRUCTURES PLACED IN UNPAVED AREAS SHALL BE FLUSH WITH FINISH GRADE, UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR PAVED AND UNPAVED AREAS.
11. ALL STORM STRUCTURES SHALL HAVE A UNIFORM SMOOTH POURED MORTAR SLOPE FROM INVERT IN TO INVERT OUT.
12. ALL STORM TRENCHING AND BEDDING SHALL BE PER THE STORM SEWER TRENCH AND BEDDING DETAIL.
13. PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY EXISTING AND PROPOSED GRADES SHOWN. IF EXISTING GRADE ELEVATIONS ON-SITE DIFFER FROM THOSE SHOWN ON THESE PLANS AND IF ELEVATIONS AND GRADES PROPOSED ARE NOT ACHIEVABLE, CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD.
14. COORDINATE ALL CURB AND STREET GRADES IN INTERSECTION WITH INSPECTOR.
15. ALL HANDICAPPED PARKING SPACES AND ACCESS AISLES ADJACENT TO THE HANDICAPPED PARKING SPACES SHALL HAVE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS (THIS INCLUDES RUNNING SLOPE AND CROSS SLOPE).
16. AN ACCESSIBLE ROUTE FROM THE PUBLIC STREET OR SIDEWALK TO BUILDING ENTRANCE MUST BE PROVIDED. THIS ACCESSIBLE ROUTE SHALL BE A MINIMUM OF 60" WIDE. THE RUNNING SLOPE OF AN ACCESSIBLE ROUTE SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2%.
17. SLOPES EXCEEDING 5% BUT LESS THAN 8% WILL REQUIRE A RAMP AND MUST CONFORM TO THE REQUIREMENTS FOR RAMP DESIGN (HANDRAILS, CURBS, LANDINGS, ETC.). NO RAMP SHALL EXCEED 8% RUNNING SLOPE OR 2% CROSS SLOPE.
18. IN THE CASE THAT A NEW SIDEWALK WILL BE CONSTRUCTED IN THE R/W OF A SITE, THE RUNNING SLOPE OF THE SIDEWALK SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2%. THIS STANDARD APPLIES TO CROSS WALKS IN THE DRIVEWAYS AS WELL AND WILL REQUIRE SPECIAL ATTENTION DURING STAKING TO MAKE SURE THE 2% CROSS SLOPE IS MET IN THE CROSS WALK.
19. IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT THE HANDICAPPED PARKING SPACES, ACCESSIBLE ROUTES, AND SIDEWALKS/CROSSWALKS ARE BUILT CORRECTLY.
20. ANY REQUIREMENT LISTED ABOVE THAT CAN NOT BE MET SHALL BE BROUGHT TO THE ENGINEER AND OWNERS ATTENTION IMMEDIATELY. ANYTHING NOT BUILT TO THE ABOVE STANDARDS WITHOUT THE OWNERS APPROVAL WILL REQUIRE REMOVAL AND REPLACEMENT IMMEDIATELY.



BLAKEWAY CORPORATION
 surveying + engineering + environmental
 630 N. WITCHDUCK RD. - VA BEACH, VIRGINIA 23462
 P757.226.0081 - F757.226.8765
 www.blakewaycorp.com

REV	DATE	DESCRIPTION

DATE ISSUED	DRAWN BY	REVIEWED BY	DESIGNED BY
08-27-20	GAF	GAF	GAF

LOCATION	N. HWY 17 AND COVENTRY RD.
SHEET TITLE	GRADING PLAN AND E&S CONTROL PLAN PHASE II
SITE ADDRESS	1461 COVENTRY RD.
STORE NUMBER	1046736
LOCATION	HORRY COUNTY, SC

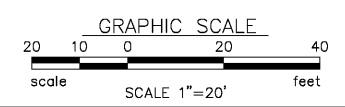
US HIGHWAY 17 BYPASS
(Variable Width Public Right-of-Way)

BEAVER RUN BOULEVARD
(66 Foot Public Right-of-Way)

COVENTRY ROAD
(Variable Width Public Right-of-Way)



Know what's below.
Call before you dig.



FILE NAME: P:\6229-Encore Resi Ectile\6229-23-Hwy 17 and Coventry\Doc\Surfside Beach SC 09-CG-7.0 Grading.dwg LAYOUT NAME: COVER SHEET PLOTTED: Monday, October 05, 2020 - 10:42am

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