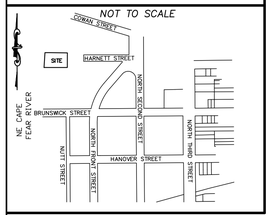
LOCATION MAP

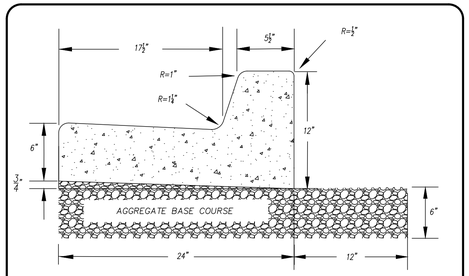
NOT TO SCALE



STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE _____ PERMIT # _____
SIGNED_____

Approved Construction Plan
Name ____ Date____
Planning_____
Traffic_____
Fire_____

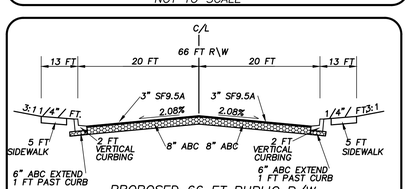
For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.



NOTES: 1. EXPANSION JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS
2. 50' MAX EXPANSION JOINT SPACING, 10' MAX CONTRACTION JOINT SPACING
3. MINIMUM INSTALLATION LENGTH IS 5 FT.
4. CONCRETE TO BE 3000 PSI MIN
5. VERTICAL CURB AND GUTTER BASE CAN BE SLOPED 3/4" OR USE A FLAT BASE

VERTICAL CURB & GUTTER

PORITON SD 3-11
NOT TO SCALE



PROPOSED 52 FT PUBLIC R/W
NUTT STREET

STREET CROSS SECTION

NOT TO SCALE

PROPOSED 66 FT PUBLIC R/W
HARNETT STREET

STREET CROSS SECTION

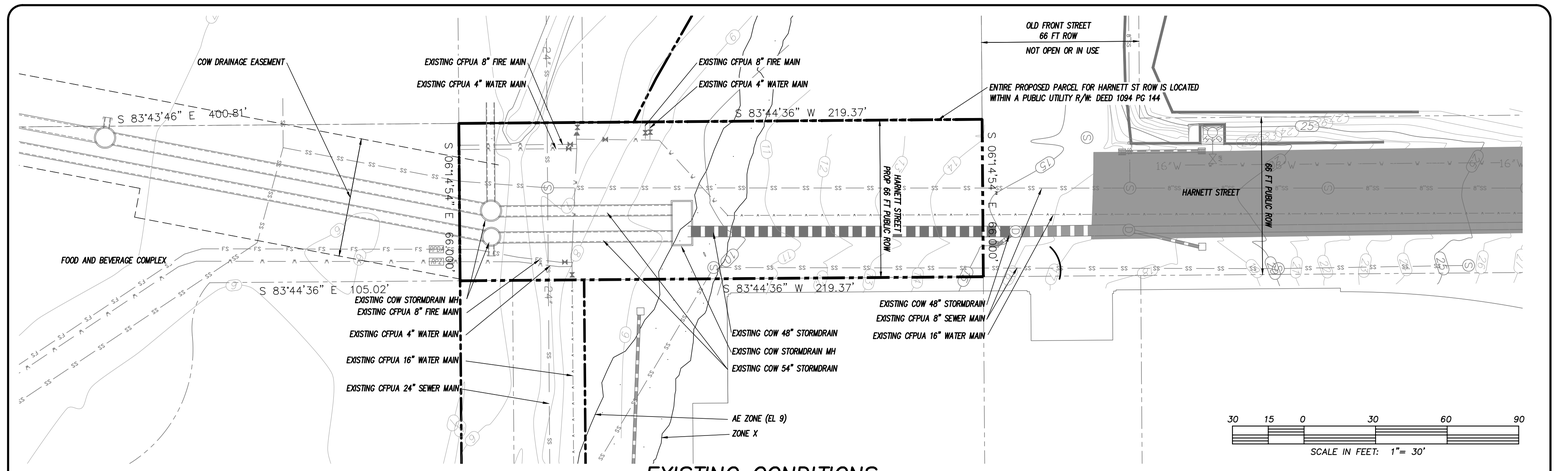
NOT TO SCALE

GENERAL NOTES:

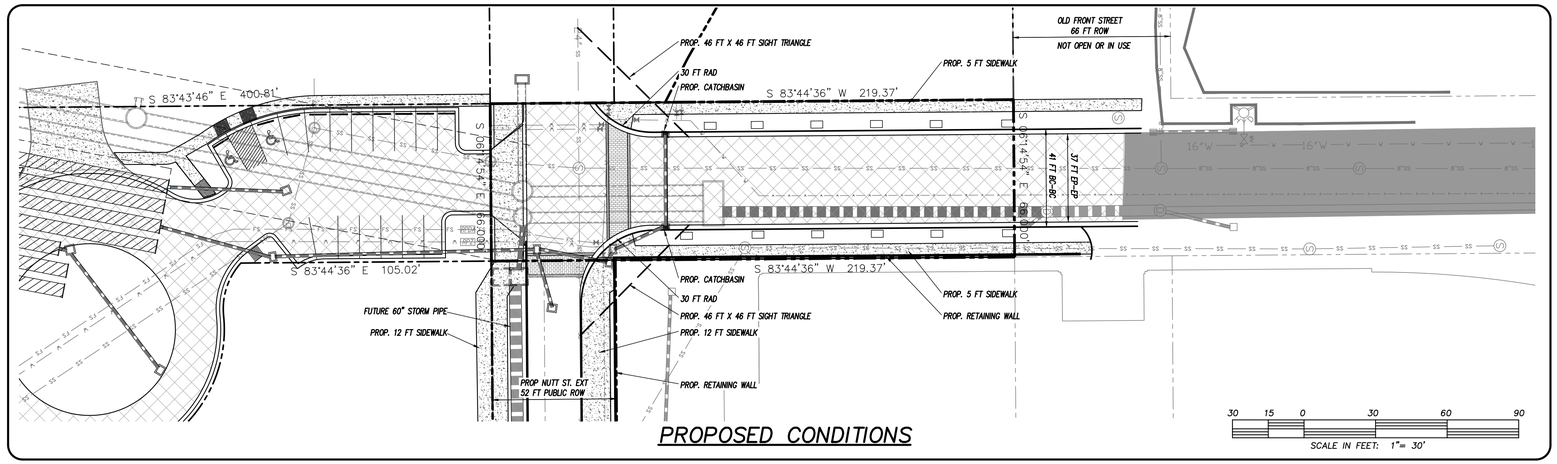
1. NEW HANOVER COUNTY PARCEL NUMBERS:
   PORTION R04716-001-015-000
2. TOTAL TRACT AREA: 14,479 SF (0.33 ac.±)
3. EXISTING ZONING DISTRICT: CBD
4. LAND CLASSIFICATION: CONSERVATION RESOURCE & DEVELOPED
5. THIS SITE IS LOCATED IN ZONES X AND AE-9
   TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S
   FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL
   NUMBER 3720311800 K, DATED: 6/2/06.
6. SITE ADDRESS IS 14 HARNETT STREET
7. EXISTING IMPERVIOUS ONSITE = 0.00 SF
   PROPOSED IMPERVIOUS ONSITE = 12,251 SF
8. ASBUILT, BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED
   AND PROVIDED TO COASTAL SITE DESIGN, PC BY
   MICHAEL UNDERWOOD AND ASSOCIATES PA & HANOVER DESIGN SERVICES, PA
9. STORMWATER DRAINS TO CAPE FEAR RIVER, SC 18-71
10. SITE IS UNDER OLD LAND DEVELOPMENT CODE
11. MINIMUM FF ELEVATION = 11
12. PARCELS HAVE 0 FT REQUIRED SETBACK
13. NAVD 1988
14. ALL UTILITIES TO BE UNDERGROUND
15. PROJECT LOCATED IN URBAN WATERFRONT AREA

LEGEND

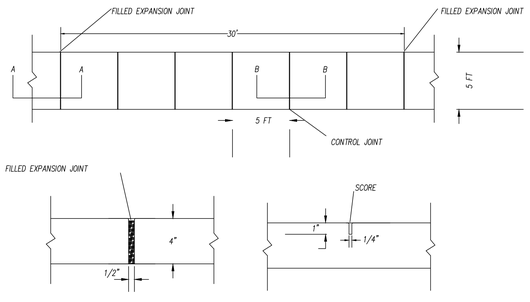
- EXISTING BOUNDARY
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING WATERLINE
- EXISTING STORM
- PROP STORM
- TREE WELL
- PROP ASPHALT



EXISTING CONDITIONS



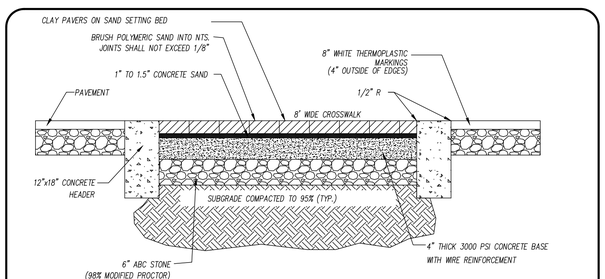
PROPOSED CONDITIONS



NOTES:
1. JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
2. SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
3. MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB.
4. CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY APRON) SHALL BE CLASS "A" - 3,000 PSI.
5. MINIMUM REPLACEMENT FOR REPAIRS IS A 5' X 5' PANEL
6. 4" STONE BASE MAY BE REQUIRED FOR POOR SOIL CONDITIONS
7. MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12"
8. MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1
9. MIN GRADE FOR PROPER DRAINAGE IS 1% IN AT LEAST 1 DIRECTION. MAX CROSS SLOPE IS 2% MAX LONGITUDINAL SLOPE IS 8.3%, 10% IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.

STANDARD SIDEWALK DETAIL

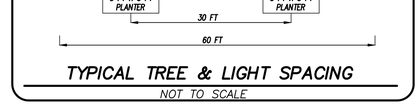
SD 3-10
NTS



1. BRICK TYPE, SIZE AND PATTER SHALL BE COORDINATE WITH CITY. TYPICAL BRICK PAVER 4"X8" X 2-3/4" HERRINGBONE PATTERN. RUMBLED COURTYARD, FULL RANGE COLOR BRICK BY PINE HALL
2. PAVERS SHALL MEET OR EXCEED ATM C1272 STANDARD SPEC. FOR HEAVY VEHICULAR PAVING BRICK, TYPE "T"
3. CONCRETE HEADER TO BE 3000 PSI, BROOM FINISH, 1/2" RADIUS ON EDGES AND FLUSH WITH ASPHALT AND PAVERS. CONTROL JOINTS AT +/- 5 FT O.C (EQUAL SPACING). CONCRETE TO BE POURED AFTER COMPACTION OF STONE SUB BASE.
4. WELDED WIRE MESH REINFORCEMENT SHALL BE 6X6 WITH 4.0/4.0 AND FREE OF OIL, DIRE AND DEFECTS AND SHALL BE PROTECTED FROM DAMAGE. WIRE SPLICES SHALL OVERLAP 12" AND BE TIED TOGETHER AND SUPPORTED IN PLACE.

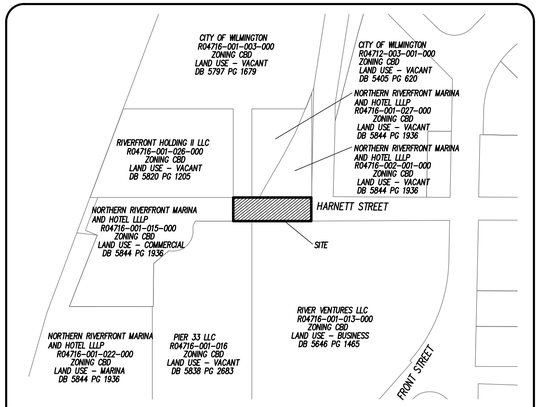
BRICK CROSSWALK

SD 3-102
NOT TO SCALE



TYPICAL TREE & LIGHT SPACING

NOT TO SCALE



ADJACENT PROPERTY OWNER DETAIL

SCALE IN FEET: 1"= 200'

LICENSE # C-2710
COASTAL SITE DESIGN, PC
ENGINEERING
LAND PLANNING
COMMERCIAL / RESIDENTIAL
P.O. Box 4041
Wilmington, NC 28406
(910) 791-4441

PRELIMINARY PLAN for
HARNETT STREET ROW DEDICATION

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PRELIMINARY PLAN for
HARNETT ST. ROW DEDICATION
LOCATED IN CITY OF WILMINGTON
NEW HANOVER COUNTY, NORTH CAROLINA

OWNER: NORTHERN RIVERFRONT MARINA AND HOTEL LLLP
220 NORTH 3RD ST.
SUITE 301
WILMINGTON, NC 28412

PRELIMINARY

REV. NO.	REMARKS	BY	DATE

DATE: 4-8-15
HORZ. SCALE: 1" = 30'
VERT. SCALE: N/A
DRAWN BY: RLW
CHECKED BY: HSR
PROJECT NO.: 07-0152

Sheet No. 1 Of 1