

VICINITY MAP  
SCALE: 1" = 1,000'

ASPHALT AREA NOTE:

1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED SUBGRADE, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

BUILDING PAD NOTE:

1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

STORMWATER NOTE:

1. THIS SITE DOES NOT HAVE ANY EXISTING STORMWATER MANAGEMENT MEASURES. SINCE THE PROPOSED IMPERVIOUS AREA DOES NOT EXCEED THE AMOUNT OF IMPERVIOUS AREA BEING DEMOLISHED, NO BEST MANAGEMENT PRACTICES ARE BEING PROVIDED.
2. THIS SITE DRAINS TO AN UNNAMED TRIBUTARY TO LEES CUT.

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL STATE OF NC, TOWN OF WRIGHTSVILLE BEACH, AND NEW HANOVER COUNTY STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL PLACE INLET PROTECTION AROUND ALL STORM DRAIN INLETS TO PROTECT THE SYSTEM FROM COLLECTING SEDIMENTATION DURING CONSTRUCTION. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE AND THE SITE IS STABILIZED.
3. CONTRACTOR SHALL ADJUST ALL FRAMES OF EX. UTILITY INFRASTRUCTURE WITHIN ASPHALT OVERLAY AND NEW ASPHALT AREAS TO MATCH PROPOSED GRADES.
4. ALL PROPOSED SPOT ELEVATIONS SHOWN IN THE PARKING LOT ARE PROPOSED EDGE OF PAVEMENT OR FACE OF CURB @ GUTTER FOR CURB SECTIONS, UNLESS NOTED OTHERWISE.
5. ALL ROOF DRAINS SHALL BE CONNECTED TO UNDERGROUND COLLECTION SYSTEM OR SPLASH PADS AS INDICATED.
6. ALL SIDEWALK CROSS SLOPES HAVE BEEN GRADED TO MEET ADA REGULATIONS. CONTRACTOR SHALL CONFIRM GRADES BEFORE PLACING PAVEMENT OR SIDEWALKS AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.
7. THE CONTRACTOR SHALL USE EITHER RCP (CL. III) OR HDPE PIPE FOR THE STORM DRAINAGE SYSTEM. IF THE CONTRACTOR CHOOSES TO USE HDPE PIPE, IT SHALL BE ADS N-12 WT STORM PIPE OR APPROVED EQUAL AND SHALL BE INSTALLED TO MANUFACTURER SPECIFICATIONS. IN ADDITION, THE CONTRACTOR SHALL BE SURE TO PROVIDE CONCRETE COLLARS AROUND EACH F.E.S. TO PREVENT FLOATATION IF HDPE PIPE IS CHOSEN.
8. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR WB ELEMENTARY PREPARED BY ECS SOUTHEAST, LLP (PROJECT NUMBER 22-27020) AND DATED AUGUST 27, 2018 FOR SITE CONSTRUCTION RECOMMENDATIONS WHICH IS INCLUDED IN THE TECHNICAL SPECIFICATIONS.

LEGEND:

- 16 EXISTING CONTOUR
- 29 PROPOSED CONTOUR
- EG-25.05 EXISTING SPOT ELEVATION
- EP-25.05 PROPOSED EDGE OF PAVEMENT
- TW-25.05 PROPOSED SIDEWALK ELEVATION
- SW-25.05 PROPOSED GUTTER FLOW LINE
- PG-25.05 PROPOSED GRADE
- INLET PROTECTION
- LOD LIMITS OF DISTURBANCE
- SILT FENCE
- TREE PROTECTION FENCING
- DRAINAGE FLOW PATH
- CB-202 DRAINAGE INLET LABEL
- SPILL GUTTER
- ROCK INLET PROTECTION
- GEOTECH BORING LOCATION

NOTATION:

- CI = CURB INLET
- DI = DROP INLET
- CO = CLEANOUT
- DDI = DOUBLE DROP INLET
- MH = STORM DRAIN MANHOLE
- RD = ROAD DRAIN CLEANOUT
- YI = YARD INLET
- FFE = FINISHED FLOOR ELEVATION
- BPE = BUILDING PAD ELEVATION

STORM SCHEDULE:

Upstream Node	Downstream Node	Diameter (in)	Upstream Pipe Invert (ft)	Downstream Pipe Invert (ft)	Pipe Length (ft)	Slope (%)	Upstream Rim Elev (ft)	Downstream Rim Elev (ft)	Pipe Material
CO-2	YI-1	12	0.35	0.00	70	0.50	4.09	3.75	HDPE
CO-7	CO-2	12	0.47	0.35	24	0.50	4.29	4.09	HDPE
YI-2	CO-7	12	0.55	0.47	17	0.50	4.09	4.29	HDPE
CO-9	YI-2	12	0.73	0.55	35	0.50	4.28	4.09	HDPE
YI-3	CO-9	12	0.99	0.73	52	0.50	4.58	4.28	HDPE
CO-11	YI-3	12	1.18	0.99	39	0.50	4.36	4.58	HDPE
CO-12	CO-11	12	1.33	1.18	30	0.50	4.37	4.36	HDPE
CO-13	CO-12	8	1.48	1.33	30	0.50	4.07	4.37	HDPE
CO-14	CO-13	8	1.63	1.48	30	0.50	4.79	4.07	HDPE
CO-15	CO-14	8	1.78	1.63	30	0.50	4.53	4.79	HDPE
CO-3	CO-2	8	0.50	0.35	30	0.50	4.65	4.09	HDPE
CO-4	CO-3	8	0.65	0.50	30	0.50	4.29	4.65	HDPE
CO-5	CO-4	8	0.80	0.65	30	0.50	4.40	4.29	HDPE
CO-6	CO-5	8	0.92	0.80	23	0.50	4.64	4.40	HDPE

SHORE ACRES COMPANY  
PAR ID: R05719-001-002-000  
DB 155, PG 322  
ZONED: P-1-CONSERVATION  
USE: 951-MARSHES

CONTRACTOR SHALL CONNECT 3" CONDENSATE LINE INTO EX. DROP INLET. CONTRACTOR SHALL ALSO INSTALL A 3" SWING CHECK VALVE OR BACKWATER VALVE INSIDE THE INLET BOX.

SHORE ACRES COMPANY  
PAR ID: R05719-001-002-000  
DB 155, PG 322  
ZONED: P-1-CONSERVATION  
USE: 951-MARSHES

SHORE ACRES COMPANY  
EXTENSION OF DEVELOPMENT 2

THE BOARD OF EDUCATION OF  
NEW HANOVER COUNTY  
PAR ID: R05720-003-001-000  
DB 507, PG 373  
ZONED: G-1 PUBLIC/SEMI PUBLIC  
USE: 821-EDUCATIONAL  
252,182± SF, 5.79± ACRES

PROPOSED YARD INLET 3'X3'  
CONCRETE BOX W/ NCDOT STD.  
DETAIL 840.16 FRAME & GRATE  
RIM = 3.75  
INV. = 0.00

PROPOSED LIMITS OF  
DISTURBANCE AND SILT  
FENCE. SILT FENCE OFFSET  
1-FT OFR CLARITY ON PLANS.

PROPOSED BUILDING  
17,050 SF  
HEIGHT = 38'-10"  
2-STORY STRUCTURE  
ON PILINGS

PROPOSED 3" SCH 40 PVC  
CONDENSATE LINE. SEE  
PLUMBING PLANS FOR  
CONNECTION

CONTRACTOR SHALL REMOVE  
DOWNSPOUTS ON EX. BLDG. FROM  
UNDERGROUND PIPED SYSTEM, INSTALL  
BOOT, AND SPLASH PAD FOR EACH

SHORE ACRES COMPANY  
DEVELOPMENT 2  
MB 3, PG 1  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES

ELIZBETH A. SIPLE  
PAR ID: R05720-004-002-000  
DB 5768, PG 2954  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES

GEORGE C. LEWIS & REBECCA  
B. LEWIS  
PAR ID: R05720-004-001-000 149  
DB 1259, PG 849  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 958-UNUSED LAND

SHORE ACRES COMPANY  
EXTENSION OF DEVELOPMENT 2  
MB 7, PG 75  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES



SHORE ACRES COMPANY  
DEVELOPMENT 2  
MB 3, PG 1  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES

TOWN OF WRIGHTSVILLE BEACH  
20' GENERAL UTILITY EASEMENT  
DB 2871, PG 345

FIFTH AVENUE  
15' PUBLIC R/W

N. CHANNEL DRIVE  
40' PUBLIC R/W

ZONE AE  
(BASE FLOOD  
ELEV. 12')

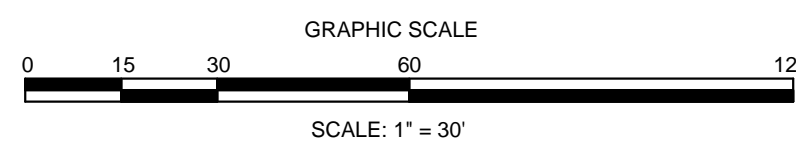
CONTRACTOR SHALL REMOVE  
DOWNSPOUTS ON EX. BLDG. FROM  
UNDERGROUND PIPED SYSTEM, INSTALL  
BOOT, AND SPLASH PAD FOR EACH

SHORE ACRES COMPANY  
DEVELOPMENT 2  
MB 3, PG 1  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES

ELIZBETH A. SIPLE  
PAR ID: R05720-004-002-000  
DB 5768, PG 2954  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES

GEORGE C. LEWIS & REBECCA  
B. LEWIS  
PAR ID: R05720-004-001-000 149  
DB 1259, PG 849  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 958-UNUSED LAND

SHORE ACRES COMPANY  
EXTENSION OF DEVELOPMENT 2  
MB 7, PG 75  
ZONED: R-1-WB RESIDENTIAL SF  
USE: 10-1 FAM RES



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:  
1) ADDendum #1

CLIENT INFORMATION:  
**PARAMOUNT ENGINEERING**  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
NC License #: C-2846

PROJECT STATUS:  
CONCEPTUAL LAYOUT:  
PRELIMINARY LAYOUT:  
RELEASED FOR CONST.

DRAWING INFORMATION:  
DATE: 02/20/19  
DESIGNED: RPB  
DRAWN: AEC  
CHECKED: RPB

SEAL:  
NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
ROBERT P. BALLANTINE  
02/20/19

**C-3.0**  
PEI JOB#: 18156.PE