

PLACEMENT TREE QTY	
6.67	
8.00	
15	

PLACEMENT TREE QTY	PLACEMENT TREE SPECIES
6.67	
8.00	
15	

SITE DATA

PARCEL ID: R05520-008-039-000

CURRENT ZONING: R-5 (CD)

CAMA LAND USE CLASSIFICATION: URBAN

PROJECT ADDRESS: 210 JORDAN LN.
WILMINGTON, NC 28403

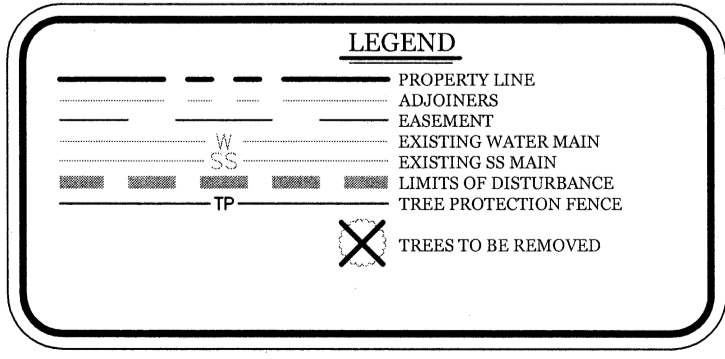
CURRENT OWNER: REISER PARTNERS, LLC
2029 EASTWOOD RD. #143
WILMINGTON, NC 28403

TOTAL ACREAGE IN PROJECT BOUNDARY: 56,295 S.F. (1.29 AC.)

DISTURBED AREA: 1.13 AC.

EXISTING IMPERVIOUS AREA: 0 S.F. (SITE IS VACANT)

SOIL TYPE: BH (BAYMEADE)
(Per the USDA websoil survey map)

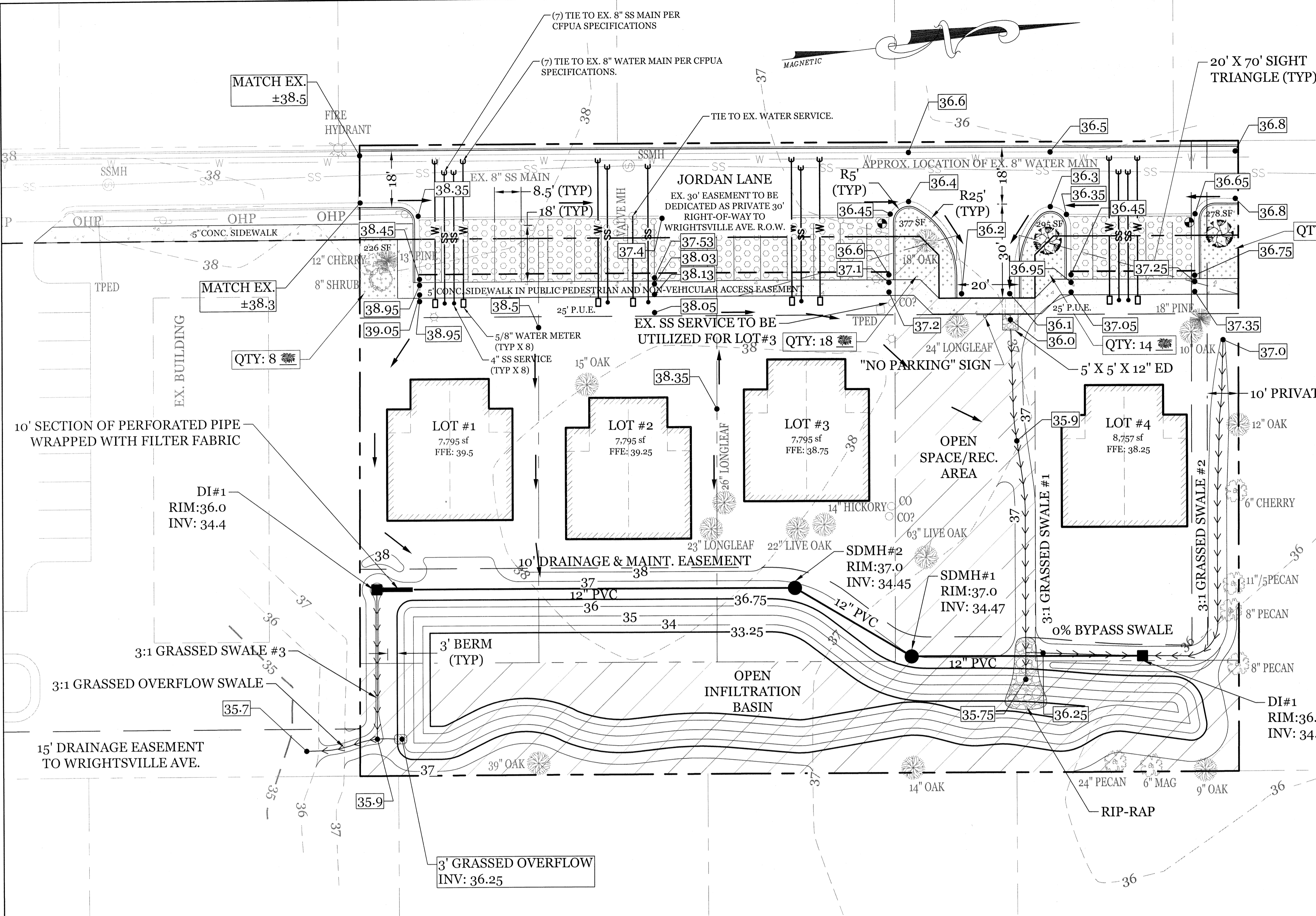


LEGEND

- — — — — PROPERTY LINE
- — — — — ADJOINERS EASEMENT
- — — — — EXISTING WATER MAIN
- — — — — EXISTING SE MAIN
- — — — — LIMITS OF DISTURBANCE
- — — — — TREE PROTECTION FENCE
- ✕ TREES TO BE REMOVED

30' 15' 0' 30' 60'

Scale: 1"=30'



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CURRENT ZONING:	R-5 (CD)
CAMA LAND USE CLASSIFICATION:	URBAN
PROJECT ADDRESS:	210 JORDAN LN. WILMINGTON, NC 28403
CURRENT OWNER:	REISER PARTNERS, LLC 2029 EASTWOOD RD. #143 WILMINGTON, NC 28403
TOTAL ACREAGE IN PROJECT BOUNDARY:	56,295 S.F. (1.29 AC.)
BUILDING SETBACKS:	
FRONT:	REQUIRED= 20'
SIDE:	REQUIRED= 7'
REAR:	REQUIRED= 15'
MAXIMUM BUILDING LOT COVERAGE:	50%
BUILDING HEIGHT:	35' MAX
ON-SITE IMPERVIOUS AREAS:	
BUILDINGS	8,640 S.F.
ASPHALT ROAD	6,972 S.F.
CONCRETE SIDEWALK	1,522 S.F.
FUTURE	2,000
TOTAL	19,134 S.F. ÷ 56,295 S.F. = 34.0%
ON-SITE PERVIOUS AREAS:	
GRASSED PAVERS (100% PERVIOUS)	3,790 S.F.
OFF-SITE IMPERVIOUS AREAS:	
CONCRETE SIDEWALK	505 S.F.
DRAINS TO PREVIOUSLY PERMITTED S.W. FACILITY ON ADJACENT SITE	
OFF STREET PARKING REQUIRED: (2.25 Spaces/du Min & 2.5 Spaces/du Max)	
REQUIRED:	18 SPACES (2.5 Spaces/du= 20 SPACES Max)
PROPOSED:	23 SPACES
OPEN SPACE REQUIREMENT: (0.03 AC. per dwelling unit)	
.03 X 8 du=	0.24 AC (MIN 50% ACTIVE)
PROVIDED:	0.35 AC (0.13 ACTIVE)
EXISTING SEWER & WATER DEMAND:	
SEWER =	0 GPD
WATER =	0 GPD
PROPOSED SEWER & WATER DEMAND:	
SEWER =	2,880 GPD
WATER =	3,200 GPD



- DEVELOPMENT NOTES:**
- ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
 - PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & NEW HANOVER COUNTY REGULATIONS.
 - SITE IS NOT WITHIN A FLOOD HAZARD PER NC FLOOD MAP#720314700J.
 - RUNOFF FROM ALL IMPERVIOUS SURFACES, INCLUDING ROOF DRAINS, TO BE DIRECTED TO INFILTRATION BASIN.
 - LOT #4 CANNOT ALLOW ROOF DRAINAGE TO SWALE #2. ALL ROOF RUNOFF FROM LOT #4 MUST BE DIRECTED TO SWALE #1.
 - LOTS #1, 2, & 3 ARE TO BE GRADED FOR SHEET FLOW TO INFILTRATION BASIN IN THE REAR OF LOTS.
 - BUILDING LAYOUT SHOWN FOR EACH LOT IS A PRELIMINARY REPRESENTATION. EACH BUILDING LAYOUT SHOULD BE PROVIDED BY THE OWNER OR ARCHITECT.

- SURVEY NOTES:**
- EXISTING SURVEYING PERFORMED BY DEREK DANFORD - PROFESSIONAL LAND SURVEYOR (L-4528)

- FIRE & SAFETY NOTES:**
- PARKING AND LANDSCAPING CANNOT BLOCK FIRE HYDRANTS.
 - ALL WEATHER ACCESS ROAD MUST BE MAINTAINED AROUND CONSTRUCTION SITE AT ALL TIMES.
 - HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FIRE FLOW REQUIREMENTS OF STRUCTURE.
 - IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

- TRAFFIC NOTES:**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS. [DETAIL SD 15-13 & SD 11-3 COWF TECH STDs]
 - ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. [DETAIL SD 15-13 & SD 11-3 COWF TECH STDs]
 - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
 - ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBS WILL BE REPLACED.
 - A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAN. [SD 15-14 COWF TECH STDs]
 - CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
 - ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30' TO 10'.
 - IF THESE UNITS ARE SOLD AT ANY POINT, THE BUYER MUST RECEIVE A SUBDIVISION STREET DISCLOSURE STATEMENT. [SEC.18-378 (E) COWF LDC]

- UTILITY NOTES:**
- EXISTING WATER AND SANITARY SEWER SERVICES ARE CURRENTLY AVAILABLE TO THE SITE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY PUBLIC MAINS.
 - ALL PROPOSED UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.
 - ALL WATER & SEWER UTILITIES TO BE INSTALLED PER CFPUA TECHNICAL SPECIFICATIONS & STANDARDS.
 - PROJECT SHALL COMPLY WITH CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND N.C.D.E.N.R. HAS ISSUED THEIR "FINAL APPROVAL". CALL 332-6558 FOR INFORMATION.
 - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USCFCCCHR OR ASSE.
 - IF CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
 - WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED, SINGLE-STRAND COPPER WIRE INSTALLED & STRAPPED TO THE PIPES WITH DUCT TAPE. THIS IS TO BE ACCESSIBLE IN ALL VALVES AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
 - SEWER GUARDS REQUIRED AT ALL MANHOLES. STAINLESS STEEL SEWER GUARDS REQUIRED AT MANHOLES LOCATED IN TRAFFIC AREAS.
 - SERVICES SHALL BE PERPENDICULAR TO MAIN AND TERMINATE AT RIGHT-OF-WAY LINE. SERVICES IN CUL-DE-SACS ARE REQUIRED TO BE PERPENDICULAR OR MUST ORIGINATE IN MANHOLE AND TERMINATE AT RIGHT-OF-WAY LINE.
 - ALL SERVICES TYING INTO DUCTILE IRON MAINS SHALL BE CONSTRUCTED OF CLASS 50 D.I.P. WITH PROTECTO 401 CERAMIC EPOXY LINING.
 - MINIMUM 10' UTILITIES EASEMENT PROVIDED ALONG THE FRONTAGE OF ALL LOTS AND AS SHOWN FOR NEW DEVELOPMENTS.
 - NO FLEXIBLE COUPLINGS SHALL BE USED.
 - ALL STAINLESS STEEL FASTENERS SHALL BE 316.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CALL U-LOCO AT 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
 - THE BELLSOUTH CONTACT IS STEVE DAYVAULT, BUILDING INDUSTRY CONSULTANT, AT 910-392-8712. CONTACT HIM PRIOR TO STARTING THE PROJECT IN ORDER TO FACILITATE GOOD COMMUNICATION AND MAXIMUM FLEXIBILITY.
 - THE PROCESS FOR TELEPHONE CABLE PLACEMENT: * FINAL GRADE WILL NEED TO BE ESTABLISHED. * POWER WILL PLACE THEIR CABLE FIRST - APPROXIMATELY 3' DEEP. * BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT APPROXIMATELY 2' DEEP.
 - SOLID WASTE DISPOSAL IS COW CURBSIDE PICKUP.
 - SHOULD ADDITIONAL SERVICES BE LOCATED DURING CONSTRUCTION, THEY MUST EITHER BE UTILIZED OR ABANDONED.
 - EACH OF THE (8) DWELLING UNITS TO BE SERVED VIA 5/8" WATER METER AND 4" SS SERVICE.
 - 3" SEPARATION IS REQUIRED BETWEEN JOINTS, FITTINGS, SERVICE SADDLES, AND WYES.

LANDSCAPE PLANT LIST					
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	TYPE	SIZE
	2	<i>QUERCUS LAURIFOLIA</i>	LAUREL OAK	LARGE SHADE TREE	2.5" CAL.
	52	<i>ERAGROSTIS CURVULA</i>	LOVE GRASS	GROUND COVER	1 GAL.

LANDSCAPE REQUIREMENTS:		
	REQUIRED	PROVIDED
PARKING LOT INTERIOR SHADING: 20% CANOPY COVERAGE (5,496 SF)	1,099 SF	2,235 SF *
	*821 SF OF PARKING LOT SHADING IS PROVIDED BY EXISTING TREES.	

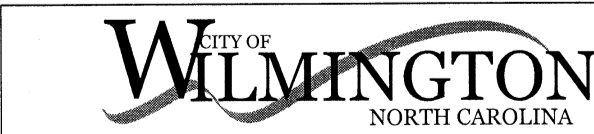
- NOTE:
- ALL LANDSCAPED ISLANDS AND BEDS TO BE STABILIZED WITH MIN. 3" LAYER OF CHOCOLATE MULCH.
 - SEE PLAN SHEET C-3 FOR PLANTING DETAILS.

APPROVED SRB CONDITIONS(SRB-6-1017):

- The use and development of the subject property shall comply with all regulations and requirements imposed by the Land Development Code, the City of Wilmington Technical Standards and Specifications Manual and any other applicable federal, state or local law, ordinance or regulation, as well as any condition stated below. In the event of a conflict, the more stringent requirement or higher standard shall apply.
- Approval of this preliminary plan does not constitute technical approval of a site plan. Final approval by the Technical Review Committee and the issuance of all required permits must occur prior to release of the project for construction.
- If, for any reason, any condition for approval is found to be illegal or invalid or if the applicant should fail to accept any condition following approval, the approval of the preliminary plan shall be null and void.
- The use and development of the subject property shall be in accordance with the plan and elevation as submitted and approved.
- The proposed use shall be limited to four residential duplex lots with a total of eight units.
- Jordan Lane must be improved along the entire property frontage in compliance with the approved preliminary plan.
- Jordan Lane must be dedicated as a 30-foot wide private street between Wrightsville Avenue and the northern boundary of the site.
- A sidewalk must be provided on the eastern side of Jordan Lane, along the entire frontage of the site.
- All existing protected trees not located within the building foot print or impacted by essential site improvements shall be preserved or mitigated.
- All City, State and Federal regulations shall be met.

APPROVED ORDINANCE CONDITIONS(C-7-917):

- The use and development of the subject property shall comply with all regulations and requirements imposed by the land development code, the city of wilmington technical standards and specifications manual and any other applicable federal, state or local law, ordinance or regulation, as well as any condition stated below. In the event of a conflict, the more stringent requirement or higher standard shall apply.
- Approval of this conditional district rezoning does not constitute technical approval of the site plan. final approval by the technical review committee and the issuance of all required permits must occur prior to release of the project for construction.
- If, for any reason, any condition for approval is found to be illegal or invalid or if the applicant should fail to accept any condition following approval, the approval of the site plan for the district shall be null and void and of no effect and proceedings shall be instituted to rezone the property to its previous zoning classification.
- The use and development of the subject property shall be in accordance with the plan and elevation as submitted and approved.
- The proposed use shall be limited to four residential duplex lots with a total of eight units.
- Jordan lane must be improved along the entire property frontage in compliance with the approved preliminary plan.
- Jordan lane must be dedicated as a 30' wide private street between wrightsville ave. and the northern boundary of the site.
- A sidewalk must be provided on the eastern side of jordan lane, along the entire frontage of the site.
- All existing protected trees not located within the building foot print or impacted by essential site improvements shall be preserved or mitigated.
- All city, state and federal regulations shall be met.



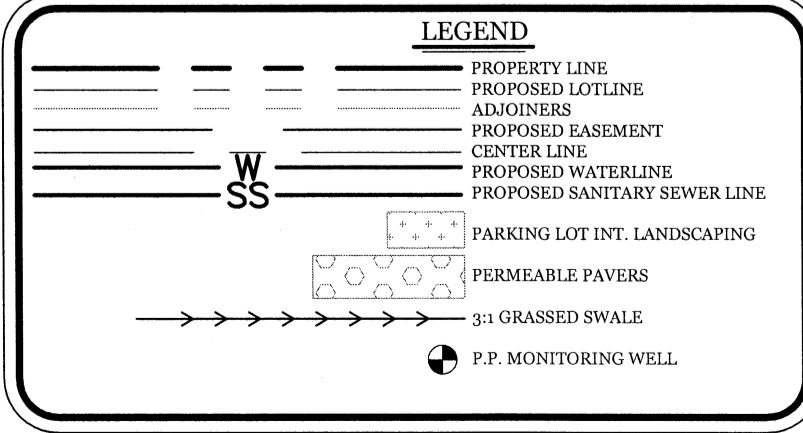
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____

Signed: _____

Approved Construction Plan

Name	Date
Planning _____	
Public Utilities _____	
Traffic _____	
Fire _____	



20' 10' 0' 20' 40'

Scale: 1"=20'

VICINITY MAP (NOT TO SCALE):

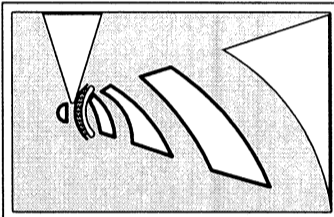


REVISIONS

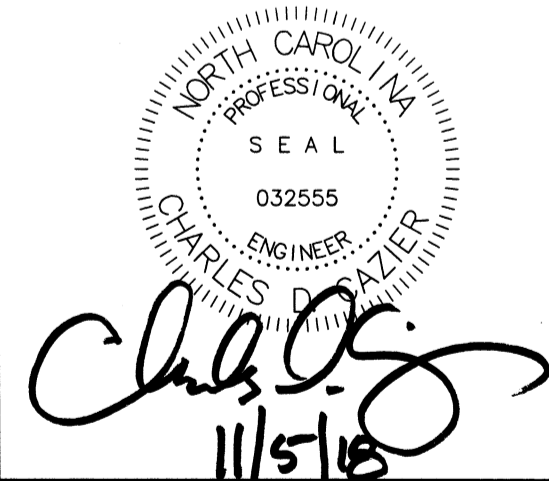
NO.	DESCRIPTION	DATE

INTRACOASTAL ENGINEERING, PLLC

5725 Olander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: Charlie@intracoastalengineering.com
License Number: P-0662



SITE, GRADING, DRAINAGE, STORMWATER, AND UTILITIES PLAN FOR JORDAN LANE DUPLEXES CITY OF WILMINGTON NEW HANOVER COUNTY, NC

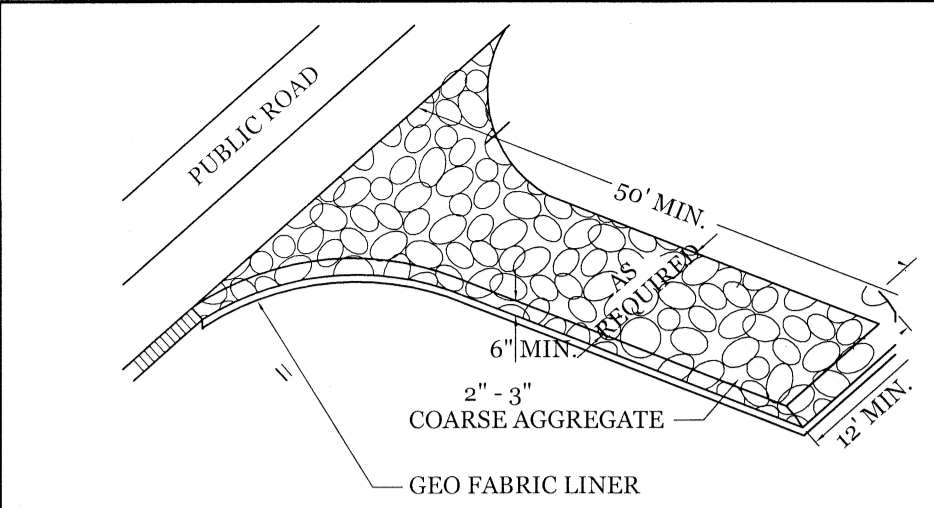


CLIENT INFORMATION:

Reiser Partners, LLC
Mark Reiser
2029 Eastwood Rd. Unit 143
Wilmington, NC 28403
Ph. (910)352-6110
Email: mcreiser@aol.com

DRAWN: JAE	SHEET SIZE: 24X36
CHECKED: CDC	DATE: 11/5/2018
APPROVED: CDC	SCALE: 1" = 20'
PROJECT NUMBER: 2018-014	

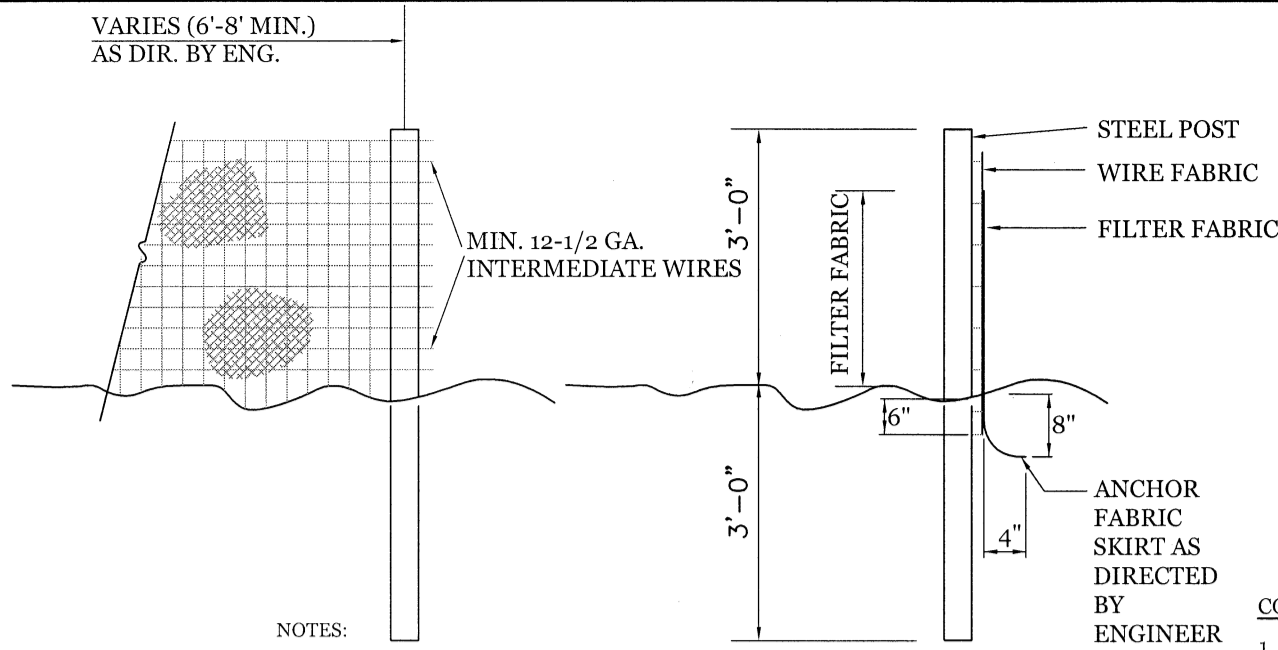
DRAWING NUMBER: **C-1**



NOTE:
CONSTRUCTION ENTRANCE TO BE 12' OR ENTIRE WIDTH OF ENTRANCE, WHICHEVER IS GREATER.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

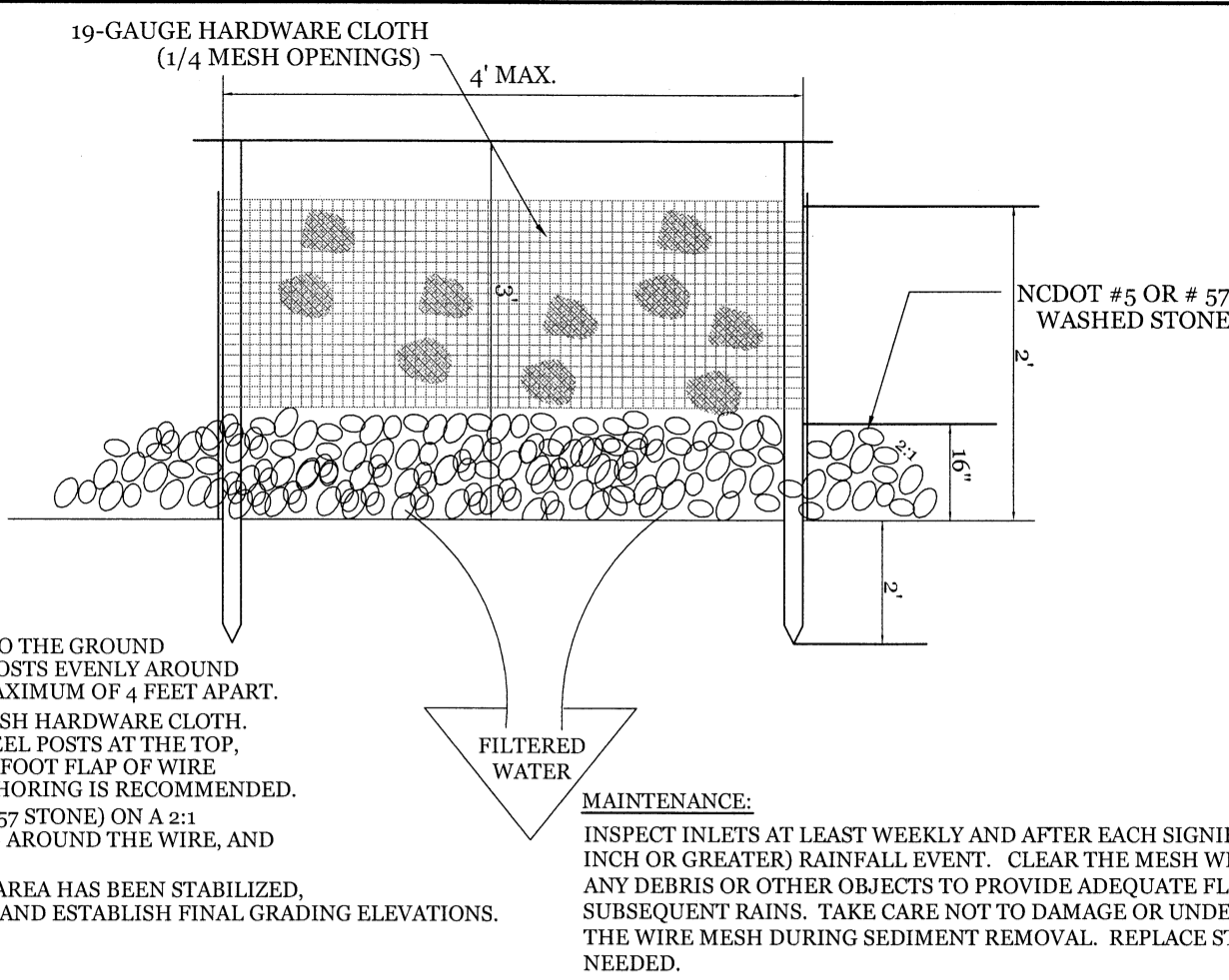
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- NOTES:
- FENCE FABRIC SHALL BE A MIN. OF 32" IN WIDTH AND SHALL HAVE A MIN. OF SIX LINE WIRES WITH 12" STAY SPACING.
 - FABRIC SHALL BE FOR EROSION CONTROL AND MIN. OF 36" IN WIDTH. FABRIC SHALL BE FASTENED ADEQUATELY TO THE WIRE FABRIC AS DIRECTED BY THE ENGINEER.
 - STEEL POST SHALL BE 5' 4" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

TEMPORARY SILT FENCE

NTS



CONSTRUCTION SPECIFICATIONS:

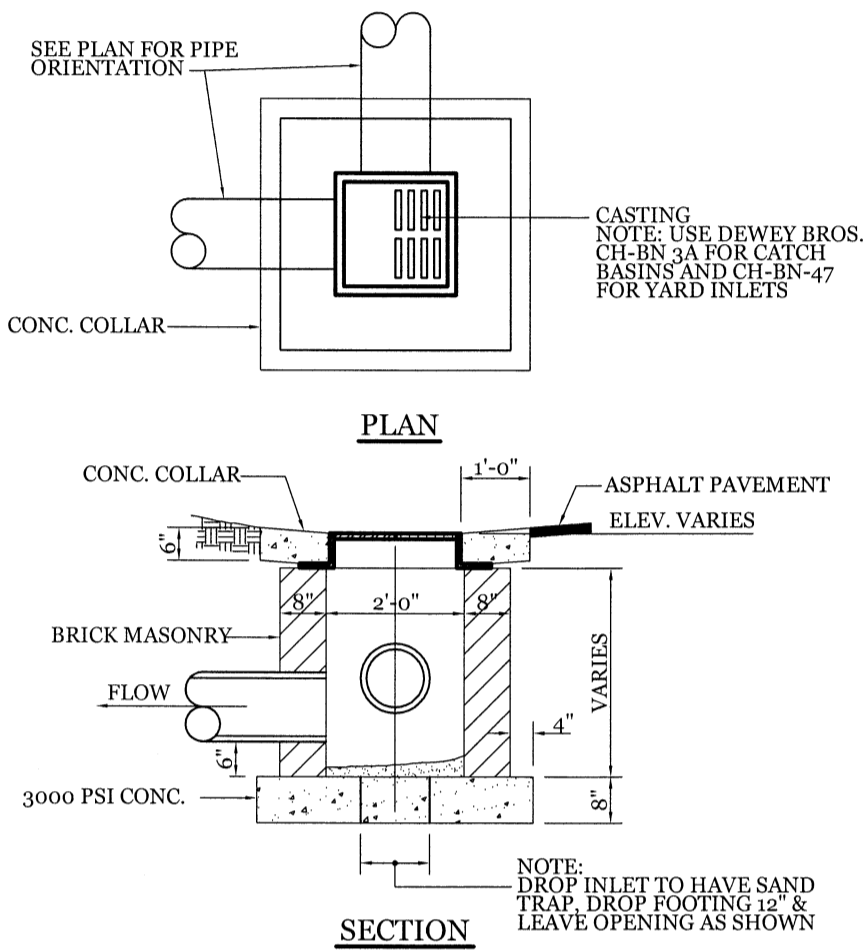
- DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
- SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACING A 2-FOOT FLAP OF WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.
- PLACE CLEAN GRAVEL (NCDOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 18 INCHES AROUND THE WIRE, AND SMOOTH TO AN EVEN GRADE.
- ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.

MAINTENANCE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

HARDWARE CLOTH AND GRAVEL SWALE PROTECTION

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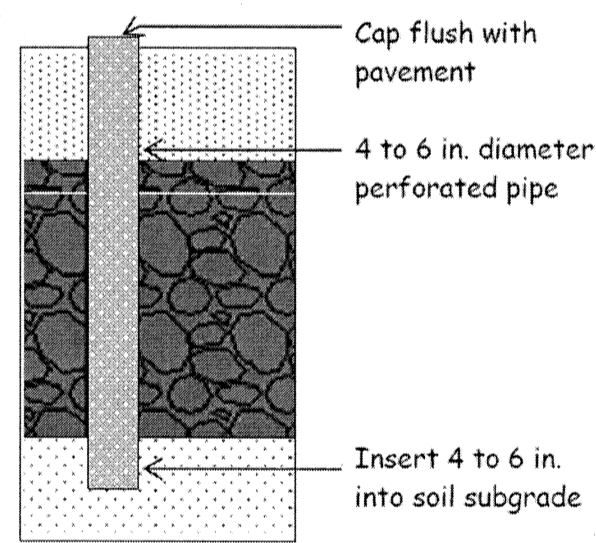


WHEEL STOP DETAIL

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DROP INLET DETAIL

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PERMEABLE CONCRETE MONITORING WELL

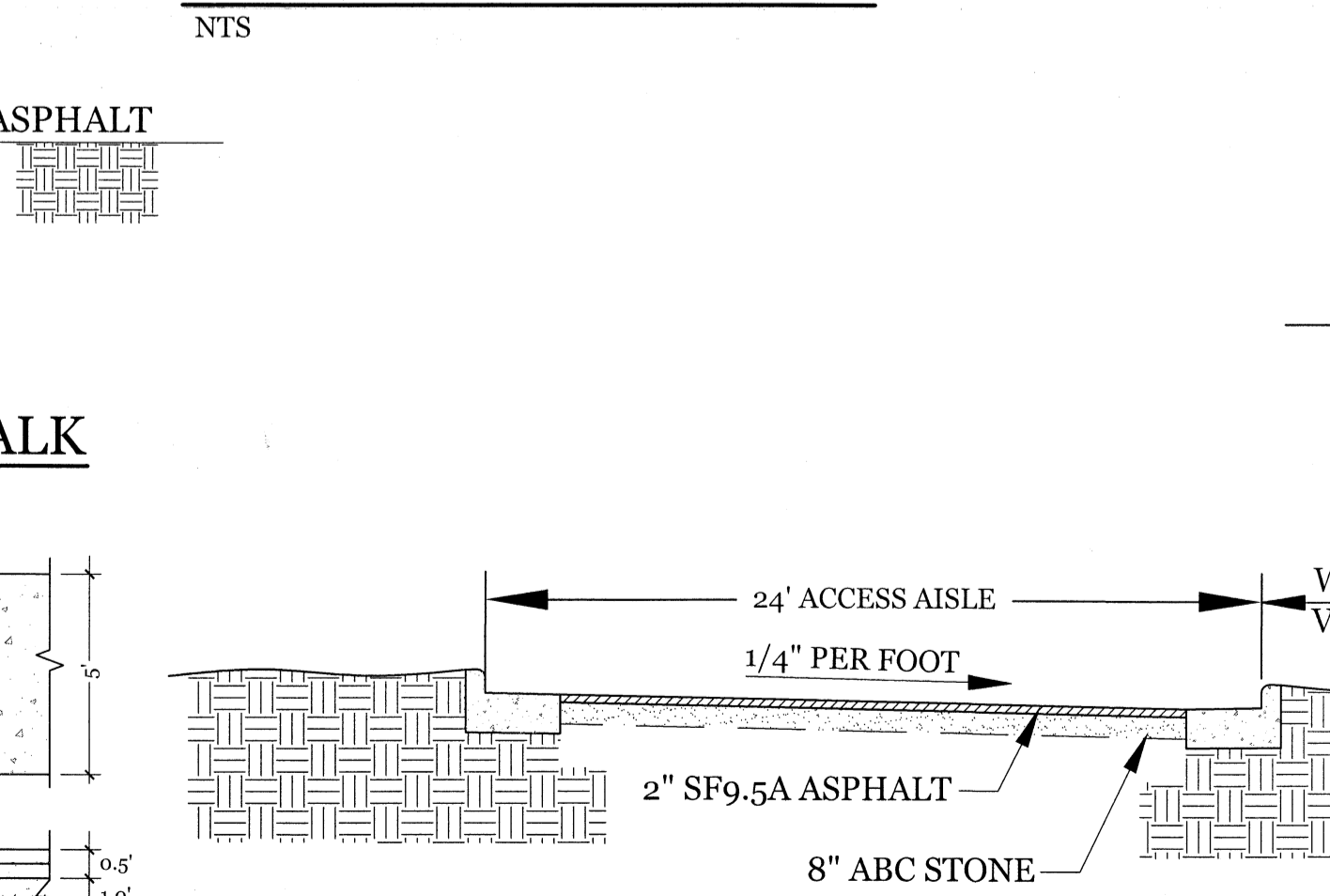
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4" CONC. SIDEWALK
w/6x6-10/10 W.W.M.

- NOTES:
- SUBGRADE MUST BE EITHER SCARIFIED, RIPPED, OR TRENCHED TO MAINTAIN THE PRE-CONSTRUCTION SUBGRADE INFILTRATION RATE.
 - GRADING FOR PERMEABLE PAVEMENT TO BE COMPLETED DURING DRY WEATHER.
 - POST CONSTRUCTION TESTING WILL BE REQUIRED TO VERIFY PERMEABILITY. TESTING TO BE COMPLETED BY LICENSED PROFESSIONAL & CERTIFIED.

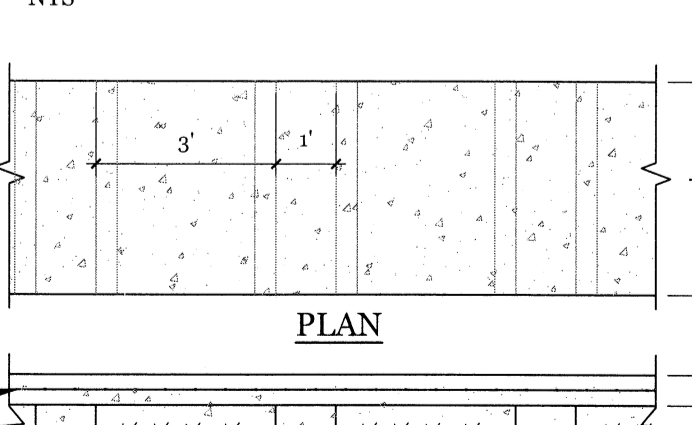
PERMEABLE PAVER SECTION

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TURNDOWN SIDEWALK

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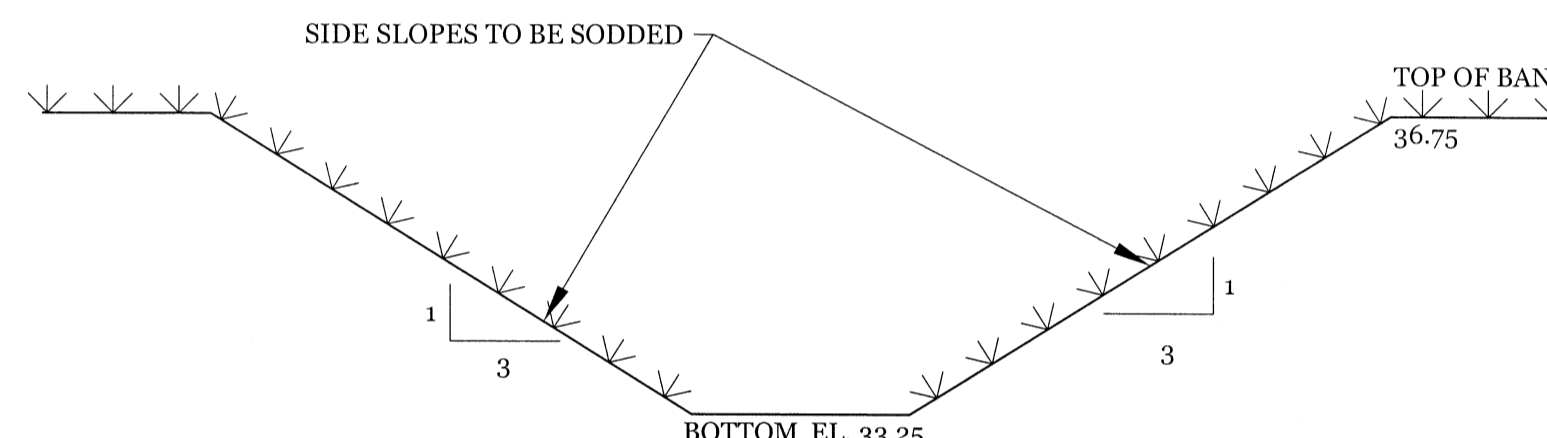


FLOW UNDER SIDEWALK DETAIL

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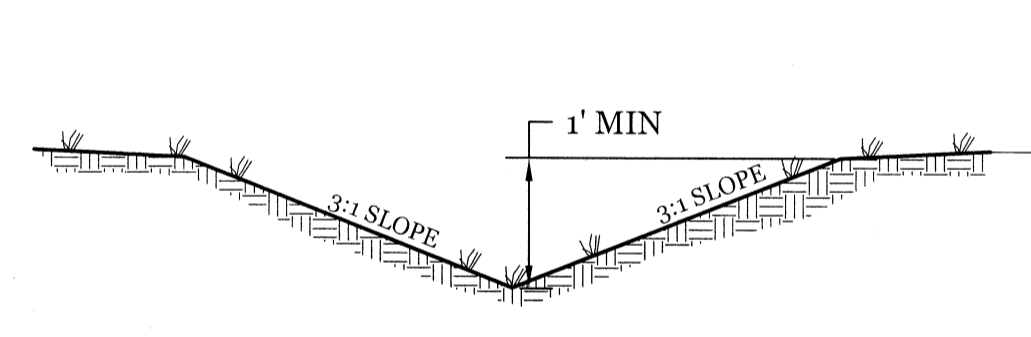
SITE WORK NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BOTH ON AND ADJACENT TO THE SITE.
- CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
- GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
- MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
- DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
- FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL RECOMMENDATIONS.
- THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.
- THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES AT ALL CROSSINGS PRIOR TO COMMENCING TRENCH EXCAVATION. IF ACTUAL CLEARANCES ARE LESS THAN INDICATED ON PLAN, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. ANY CONDITION DISCOVERED OR EXISTING THAT WOULD NECESSITATE A MODIFICATION OF THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
- CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE & CURB BOXES TO FINAL GRADE UPON COMPLETION OF ALL CONSTRUCTION. ANY BOXES DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- EXISTING SURVEYING PERFORMED BY PATRICK C. BRISTOW - PROFESSIONAL LAND SURVEYOR (L-4148)
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
- ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL, STATE, AND CFPWA CODES. METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS.
- ALL BACKFILL FROM UTILITY INSTALLATION MUST BE COMPACTED OR AMENDED TO PROVIDE TRAFFIC BEARING CAPACITY. GEOTECHNICAL ENGINEER TO BE CONSULTED AT CONTRACTORS COST AS NECESSARY.
- ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.
- CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINMENT.
- FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR BY THE OWNER. FURTHER TESTING REQUIRED DUE TO A FAILED TEST WILL BE PAID FOR BY THE CONTRACTOR.
- ALL SIDEWALKS SHALL BE FREE OF CRACKS, BREAKS, OR ANY OTHER DEFECT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.



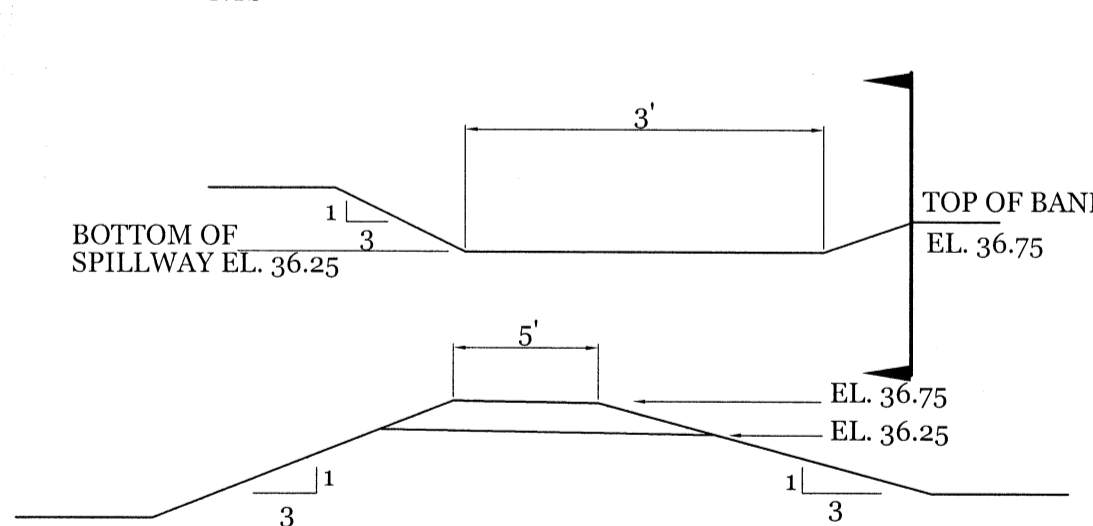
OPEN INFILTRATION BASIN SECTION

NTS



TYPICAL 3:1 GRASS SWALE

NTS



INFILTRATION BASIN GRASSED SPILLWAY DETAIL

NTS

WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____

Signed: _____

Approved Construction Plan

Name _____ Date _____

Planning _____

Public Utilities _____

Traffic _____

Fire _____

VICINITY MAP (NOT TO SCALE):

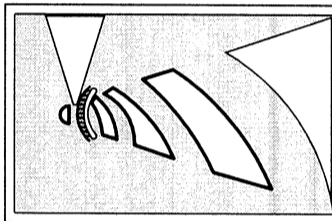


REVISIONS

NO.	DESCRIPTION	DATE

INTRACOASTAL
ENGINEERING, PLLC

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