

VICINITY MAP (NOT TO SCALE):

REVISIONS

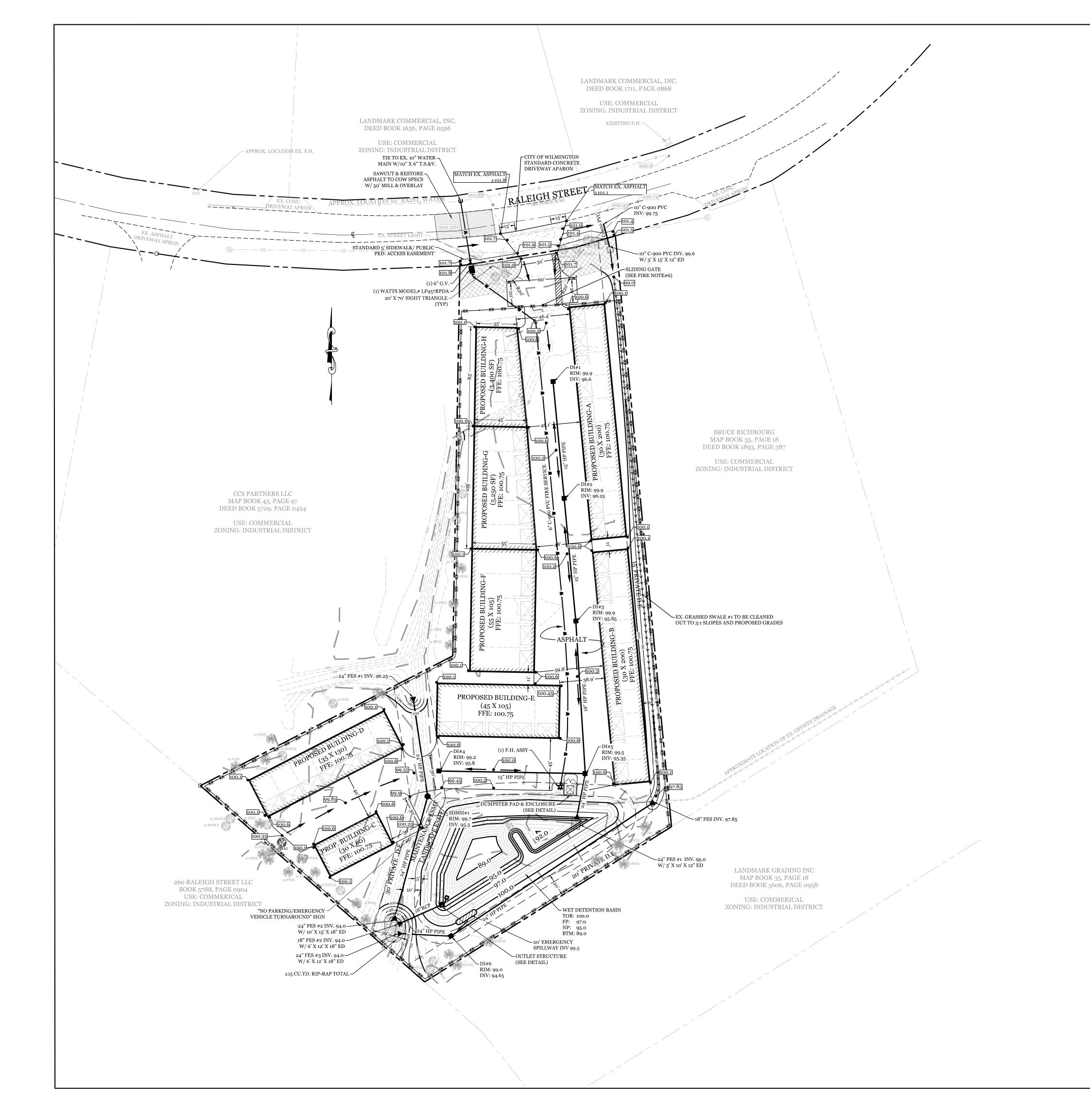
CLIENT INFORMATION: Stephen B Conway 6248 Towles Road Wilmington, NC 28409 Phone: 910-538-9737

EXISTING C DEMOLITION, 7 & PROTEC

| DRAWN: | JAE | SHEET SIZE: | 24 X 36 |
|-----------------|-----|-------------|-----------|
| CHECKED: | CDC | DATE: | 7/14/2021 |
| APPROVED: | CDC | SCALE: | 1" = 40' |
| PROJECT NUMBER: | | 2020-039 | |
| | | | |

DRAWING NUMBER:

Scale: 1"=40'



SITE DATA

PARCEL ID: R06500-007-035-000 **CURRENT ZONING:** IND (INDUSTRIAL)

CAMA LAND USE CLASSIFICATION: URBAN

PROJECT ADDRESS: 304-A RALEIGH ST. WILMINGTON, NC 28412 CURRENT OWNER:

ROBERTS JAMES R KIONA P 6040 MOUNT CARMEL PARKE WILMINGTON, NC 28412

TOTAL ACREAGE IN PROJECT BOUNDARY 122,843 S.F. (± 2.82 ac.)

NUMBER OF BUILDINGS:

37,500 GFA TOTAL (SEE PLAN FOR INDIVIDUAL BLDG. SIZES) BUILDING SIZE:

BUILDING HEIGHT:

BUILDING SETBACKS:

FRONT: REQUIRED= 50' PROPOSED= 50' SIDE: REQUIRED= o' PROPOSED= 15' **REAR:** REQUIRED= o' PROPOSED= 15'

CALCULATION FOR BUILDING COVERAGE:

PROPOSED COVERAGE 37,500 S.F. ÷ 122,843 S.F. = 30.5%

PROPOSED IMPERVIOUS AREAS: BUILDINGS 37,500 S.F. ASPHALT DRIVES 33,165 S.F. TOTAL 70,665 S.F (57.5%)

PROPOSED OFFSITE IMPERVIOUS AREAS:

CONCRETE SIDEWALK/DRIVE APRON: 1,510 S.F. PARKING REQUIRED: (37,500 SF WAREHOUSE):

1 SPACE/1000 S.F. = 38 SPACES

MAX: 150% of Minimum= **57 SPACES**

PARKING PROVIDED: 49 SPACES (1 Inside each unit)

BICYCLE PARKING REQUIRED: (MIN. 5 PER 25-125 VEHICLE SPACES) REQUIRED: 5 SPACES 49 SPACES (1 Inside each unit)

FOUNDATION PLANTINGS: N/A (BUILDINGS HAVE ROLL-UP DOORS ALONG ALL FRONTAGES)

STREETYARD REQUIREMENT: 25' (12.5' MIN & 37.5' MAX WIDTH) REQUIRED: 136' - 32'=104 LF X 25'= 2,600 S.F. PROVIDED: 2,634 S.F.

PROPOSED SEWER AND WATER DEMAND: N/A

ESTIMATED TRIP GENERATION: (Per Trip Generation Manual, 10th Edition: 37,500 SF WAREHOUSE (ITE CODE 150)

AM PEAK: 8 DAILY: 87 PM PEAK: 9

DEVELOPMENT NOTES:

- 1. ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE. 2. PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & NEW HANOVER COUNTY REGULATIONS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CALL NC811 AT 811 OR 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
- 4. SOLID WASTE DISPOSAL BY PRIVATE DUMPSTER SERVICE. RUNOFF FROM ALL IMPERVIOUS SURFACES, INCLUDING ROOF DRAINAGE, TO BE DIRECTED TO STORMWATER POND. ROOF RUNOFF TO BE DIRECTED TO THE FRONT OF THE BUILDINGS OR ROOF DRAINAGE SYSTEM DESIGNED TO
- CONNECT TO PIPED SYSTEM TO POND

6. NO SITE LIGHTING IS PROPOSED AT THIS TIME.

GENERAL TRAFFIC NOTES:

- 1. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS OFF THE R/W TO BE MAINTAINED BY THE PROPERT OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- 2. 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 COFW TECH STDS]
- 3. ALL SIGNS AND PAVEMENT MARKINGS OFF RIGHT OF WAY ARE TO MEET/BE MAINTAINED TO MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. [DETAIL SD 15-13 & SD 11-3 COFW TECH STDS]
- 4. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5899 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE
- 5. CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN
- 6. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED. 7. CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF
- 8. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES

9. CONTACT TRAFFIC ENGINEERING AT (910) 341-7888 TO DISCUSS STREET LIGHTING OPTIONS. FIRE & SAFETY NOTES:

- 1. CONSTRUCTION TYPE: II-B (COMMERCIAL)
- 2. BUILDINGS WILL NOT BE SPRINKLED 3. PARKING AND LANDSCAPING CANNOT BLOCK FIRE HYDRANTS.
- 4. 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.
- HYDRANTS MUST BE WITHIN 300' OF THE BUILDING(S), MEASURED AS THE TRUCK DRIVES.
- 8. FIRE HYDRANTS TO BE INSTALLED PER CITY OF WILMINGTON ORDINANCE AND CFPUA STANDARDS.
- 9. CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF
- SECTION 510 OF THE 2018 NC FIRE CODE. 10. PROPOSED DRIVEWAY GATE TO BE SIREN ACTIVATED.

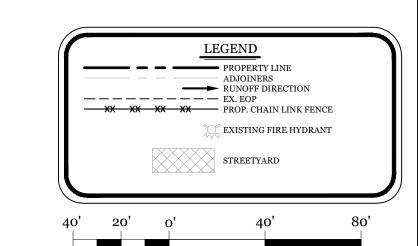
UTILITY NOTES:

1. EXISTING WATER AND SANITARY SEWER SERVICES ARE CURRENTLY AVAILABLE TO THE SITE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY PUBLIC MAINS.

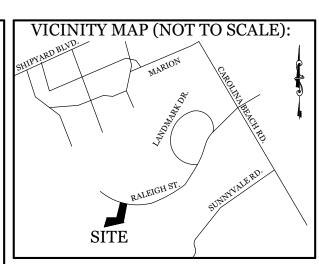
2. ALL PROPOSED UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.

SINGLE-STRAND COPPER WIRE INSTALLED & STRAPPED TO THE PIPES WITH DUCT TAPE. THIS IS TO BE ACCESSIBLE IN ALL

- 3. ALL WATER & SEWER UTILITIES TO BE INSTALLED PER CFPUA TECHNICAL SPECIFICATIONS & STANDARDS. 4. ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USCFCCCHR OR ASSE.
- 5. 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
- 6. WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED,
- VALVES AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES. 7. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION.
- CALL NC811 AT 811 OR 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.



Scale: 1"=40



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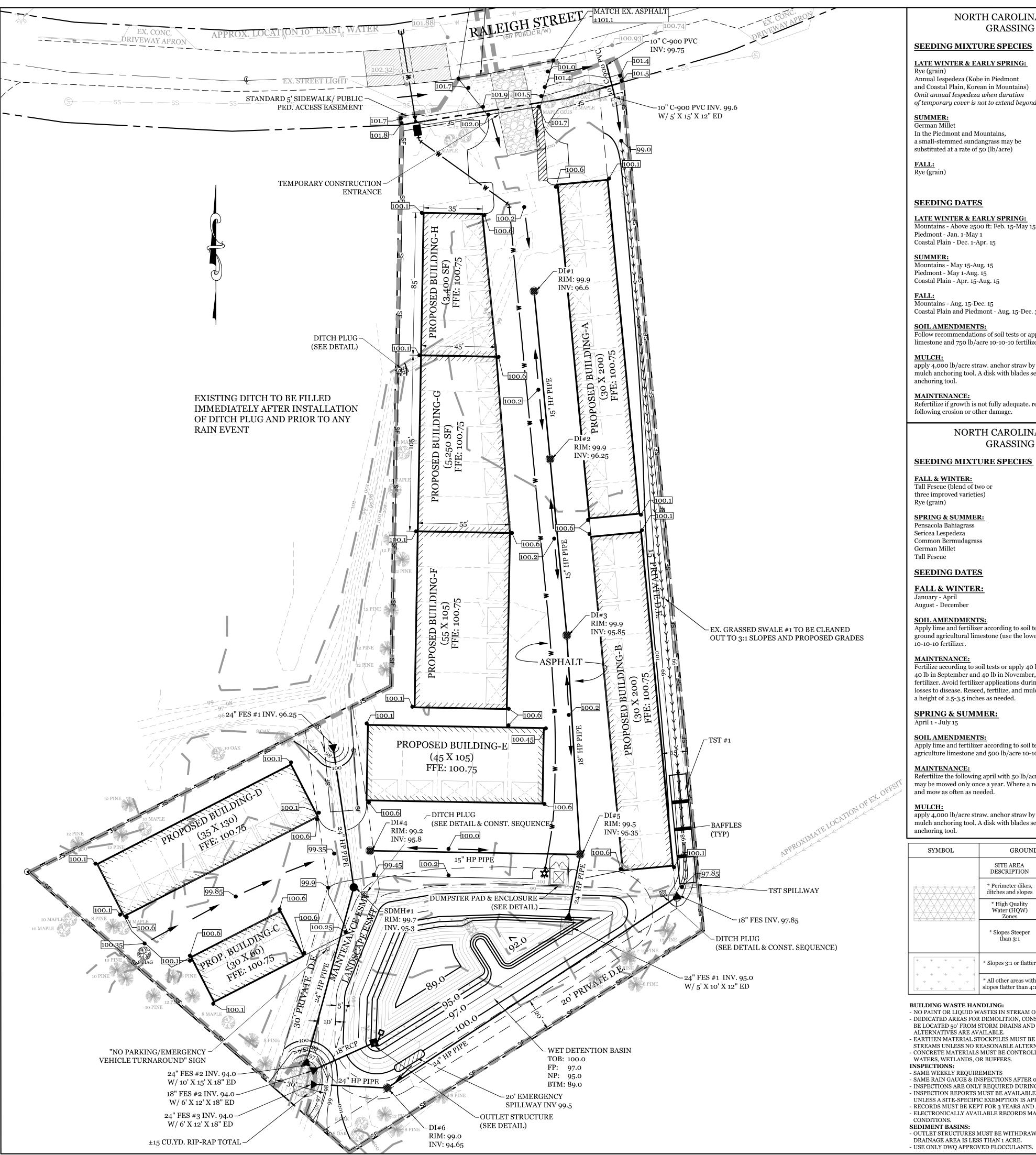
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NORTH CAROLINA TEMPORARY **GRASSING DETAIL**

SEEDING MIXTURE SPECIES APPLICATION RATE

LATE WINTER & EARLY SPRING:

100 (lb/acre) Annual Iespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains) 50 (lb/acre)

Omit annual Iespedeza when duration of temporary cover is not to extend beyond June

In the Piedmont and Mountains, 40 (lb/acre) a small-stemmed sundangrass may be

substituted at a rate of 50 (lb/acre)

120 (lb/acre)

SEEDING DATES

LATE WINTER & EARLY SPRING:

Mountains - Above 2500 ft: Feb. 15-May 15 Piedmont - Jan. 1-May 1

Mountains - May 15-Aug. 15 Piedmont - May 1-Aug. 15

Coastal Plain - Apr. 15-Aug. 15

Coastal Plain and Piedmont - Aug. 15-Dec. 30

SOIL AMENDMENTS:

Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural limestone and 750 lb/acre 10-10-10 fertilizer.

apply 4,000 lb/acre straw. anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch

Refertilize if growth is not fully adequate. reseed, refertilize and mulch immediately

NORTH CAROLINA PERMANENT

APPLICATION RATE

30 (lb/acre)

10 (lb/acre)

10 (lb/acre)

50 (lb/acre)

GRASSING DETAIL

| WINTER: | |
|----------------------|---------------|
| cue (blend of two or | 200 (lb/acre) |
| proved varieties) | |

25 (lb/acre) **SPRING & SUMMER:** 50 (lb/acre)

Pensacola Bahiagrass Sericea Lespedeza Common Bermudagrass

SEEDING DATES

January - April

August - December

SOIL AMENDMENTS:

Apply lime and fertilizer according to soil tests, or apply 3.000-5,000 lb/acre

ground agricultural limestone (use the lower rate on sandy soils) and 1,000 lb/acre

Fertilize according to soil tests or apply 40 lb/acre nitrogen in January or february. 40 lb in September and 40 lb in November, from a 12-4-8, 16-4-8, or similar turf fertilizer. Avoid fertilizer applications during warm weather, as this increases stand losses to disease. Reseed, fertilize, and mulch damaged areas immediately. mow to a height of 2.5-3.5 inches as needed.

SPRING & SUMMER:

SOIL AMENDMENTS:

Apply lime and fertilizer according to soil tests, or apply 3,000 lb/acre ground agriculture limestone and 500 lb/acre 10-10-10 fertilizer.

MAINTENANCE:

Refertilize the following april with 50 lb/acre nitrogen. Repeat as growth requires. may be moved only once a year. Where a neat appearance is desired, omit sericea and mow as often as needed.

apply 4,000 lb/acre straw. anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch

| SYMBOL | GROUND STABILIZATION CRITERIA | | | |
|--|--|----------------------------|---|--|
| | SITE AREA DESCRIPTION | STABILIZATION TIMEFRAME | STABILIZATION TIMEFRAME EXCEPTIONS | |
| | * Perimeter dikes, ditches and slopes | 7 Days | None | |
| | * High Quality Water (HQW) Zones | 7 Days | None | |
| | * Slopes Steeper than 3:1 | 7 Days | If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed | |
| \(\psi\) \(\ | * Slopes 3:1 or flatter | 14 Days | 7-days for slopes greater than 50 ft. in length | |
| \(\frac{1}{\psi}\) \(\frac{1}{\p | * All other areas with slopes flatter than 4:1 | | None (except for perimeters & HQW | |

BUILDING WASTE HANDLING:

- NO PAINT OR LIQUID WASTES IN STREAM OR STORM DRAINS - DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST
- BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES ARE AVAILABLE.
- EARTHEN MATERIAL STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES ARE AVAILABLE. - CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATERS, WETLANDS, OR BUFFERS.
- SAME WEEKLY REQUIREMENTS
- SAME RAIN GAUGE & INSPECTIONS AFTER 0.50" RAIN EVENT. - INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS"
- INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS UNLESS A SITE-SPECIFIC EXEMPTION IS APPROVED. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST.
- ELECTRONICALLY AVAILABLE RECORDS MAY BE SUBSTITUTED UNDER CERTAIN
- OUTLET STRUCTURES MUST BE WITHDRAWN FROM BASIN SURFACES UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE.

SITE DATA

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CAMA LAND USE CLASSIFICATION:

PROJECT ADDRESS:

CURRENT OWNER:

WILMINGTON, NC 28412 ROBERTS JAMES R KIONA P

304-A RALEIGH ST.

6040 MOUNT CARMEL PARKE WILMINGTON, NC 28412

URBAN

TOTAL ACREAGE IN PROJECT BOUNDARY 122,843 S.F. (± 2.82 ac.)

TOTAL DISTURBED AREA: 2.8 ac.

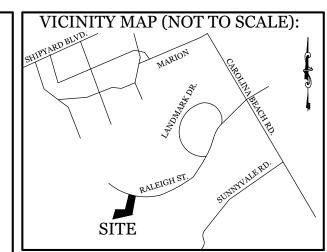
MAINTENANCE PLAN:

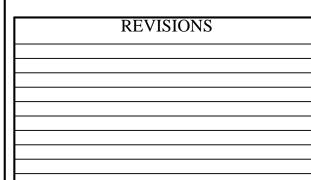
- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.
- 2. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF 2-3 INCH STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED, WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE
- SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, ROCK DOUGHNUT INLET PROTECTION. SEDIMENT TRAP BAFFLES. AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND BEAVER DAMS. DANDY SACKS AND SOCKS ONCE A WEEK AND AFTER EVERY RAIN EVENT.
- CHECK SEDIMENT BASIN AND BAFFLES WEEKLY & AFTER EACH RAINFALL EVENT. REMOVE SEDIMENT FROM TRAP & BAFFLES AND RESTORE TO ORIGINAL VOLUME WHEN SEDIMENT ACCUMULATES TO ABOUT ½ THE DESIGN VOLUME. REPAIR / REPLACE BAFFLES IF TORN, COLLAPSED, OR INEFFECTIVE.
- THE FLOW AREA. THE DIVERSION RIDGES WILL ALSO BE REPAIRED. SWALES MUST BE TEMPORARILY STABILIZED WITHIN 21 CALENDAR DAYS OF CEASE OF ANY PHASE OF ACTIVITY ASSOCIATED WITH A SWALE.
- SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MIST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX, WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.
- FAIRCLOTH SKIMMER TO BE ROUTINELY CHECKED FOR SEDIMENT ACCUMULATION, TRASH, AND DEBRIS CLOGGING THE WATER ENTRY ORIFICES. PULL SKIMMER TO SIDE OF BASIN AND HAND REMOVE SEDIMENT AND DEBRIS TO RESTORE FLOW TO ORIGINAL STATE.

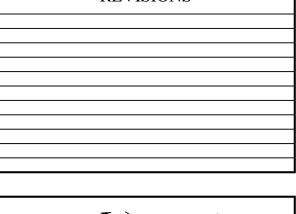
CONSTRUCTION SEQUENCE:

CONSTRUCTION OF SITE TO START WITH INSTALLATION OF CONSTRUCTION ENTRANCE AND SILT FENCE ALONG ALL LOCATIONS PER PLANS. UPON INSTALLATION OF SILT FENCE, TREES SHOULD BE REMOVED IN LOCATIONS AS NECESSARY. PROPOSED 24" PIPE AT EXISTING CHANNEL TO BE INSTALLED DURING REMOVAL CORRESPONDING TO PIPE INSTALLATION TO BE PROVIDED AT THIS TIME. ALL SLOPED AREAS SHOULD BE SEEDED IN ACCORDANCE TO SPECIFICATIONS. SLOPE STABILIZATION IS WITHIN 21 CALENDAR DAYS OF ANY PHASE OF CONSTRUCTION. ALL OTHER AREAS MUST BE STABILIZED WITH IN 15 WORKING DAYS. CONTRACTOR TO FOLLOW NPDES STABILIZATION REQUIREMENTS PER TABLE ON THIS SHEET AS WELL. MOST STRINGENT 1. GENERAL CLEARING AND GRADING OF THIS SITE WILL NOT BE DONE UNTIL THE TEMPORARY SILT FENCE

- & CONSTRUCTION ENTRANCE HAS BEEN INSTALLED. 2. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1
- VERTICAL TO 3 HORIZONTAL). 3. NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED INCLUDING
- SIDE SLOPES DURING AND AFTER CONSTRUCTION.
- 4. INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, TREE PROTECTION FENCE & SEDIMENT BASINS. CONTRACTOR TO BE FAMILIAR WITH USACOE GENERAL PERMIT CONDITIONS FOR ROAD CROSSINGS. SPECIFIC CONSTRUCTION METHODS MAY BE REQUIRED ABOVE AND BEYOND WHAT IS SPECIFIED IN THIS PLAN. INSTALL ALL SECONDARY EROSION CONTROL MEASURES, SUCH AS INLET PROTECTION AS SOON AS POSSIBLE AFTER BEGINNING CONSTRUCTION.
- ALL EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN. SILT FENCE AND INLET
- PROTECTION TO BE CLEANED WHEN HALF FULL 6. A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED.
- MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE. 8. MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE
- 9. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. ALL PERMANENT MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT COMPLETION.

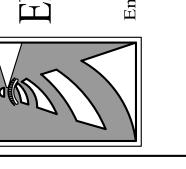






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5725 Oleand



EDIMENTATION CONTROL

CLIENT INFORMATION: Stephen B Conway

6248 Towles Road Wilmington, NC 28409 Phone: 910-538-9737

PROPERTY LINE

SILT FENCE

25.5 SPOT ELEVATION

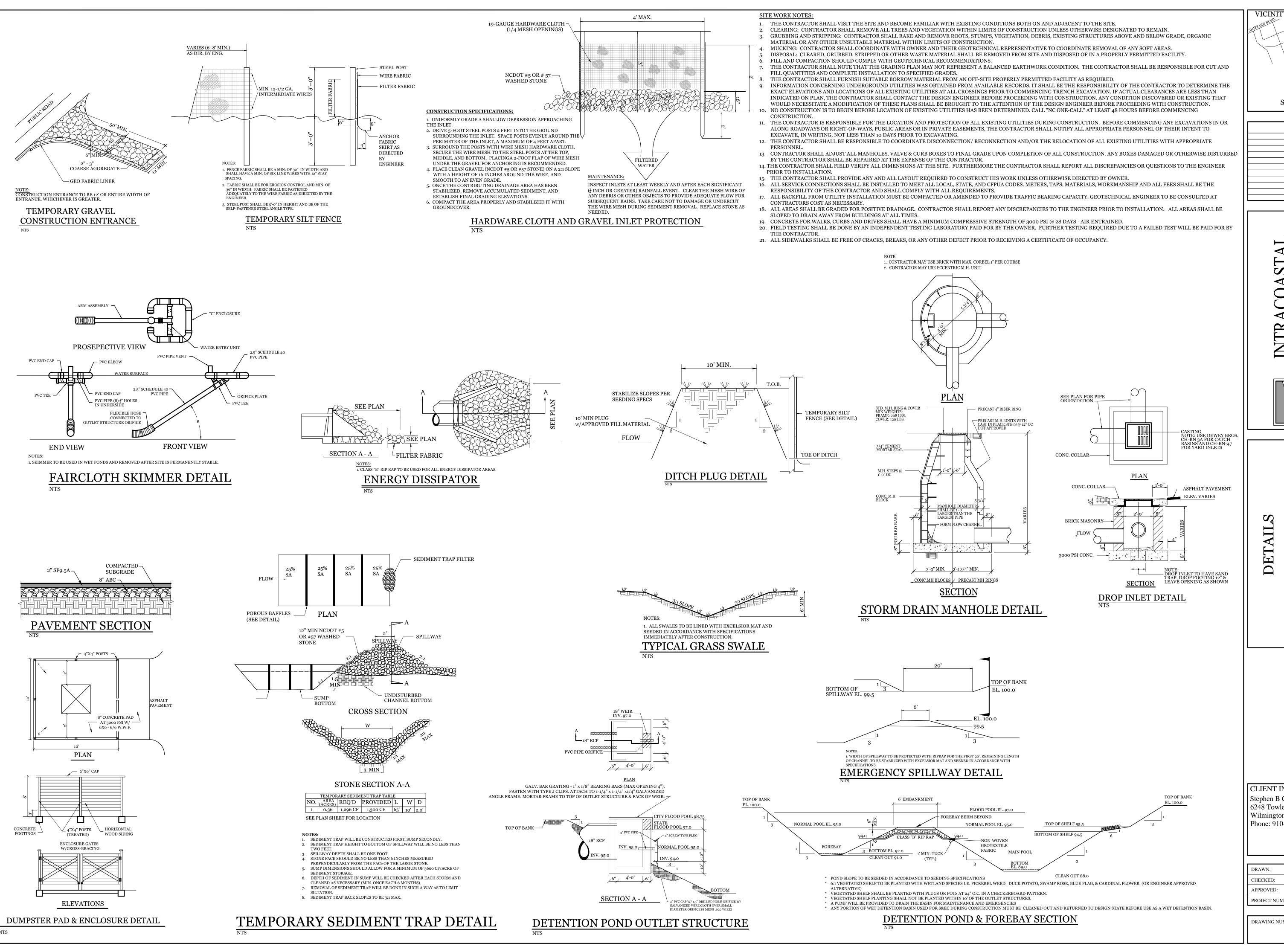
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RUNOFF DIRECTION WATERLINE

SANITARY SEWER LINE

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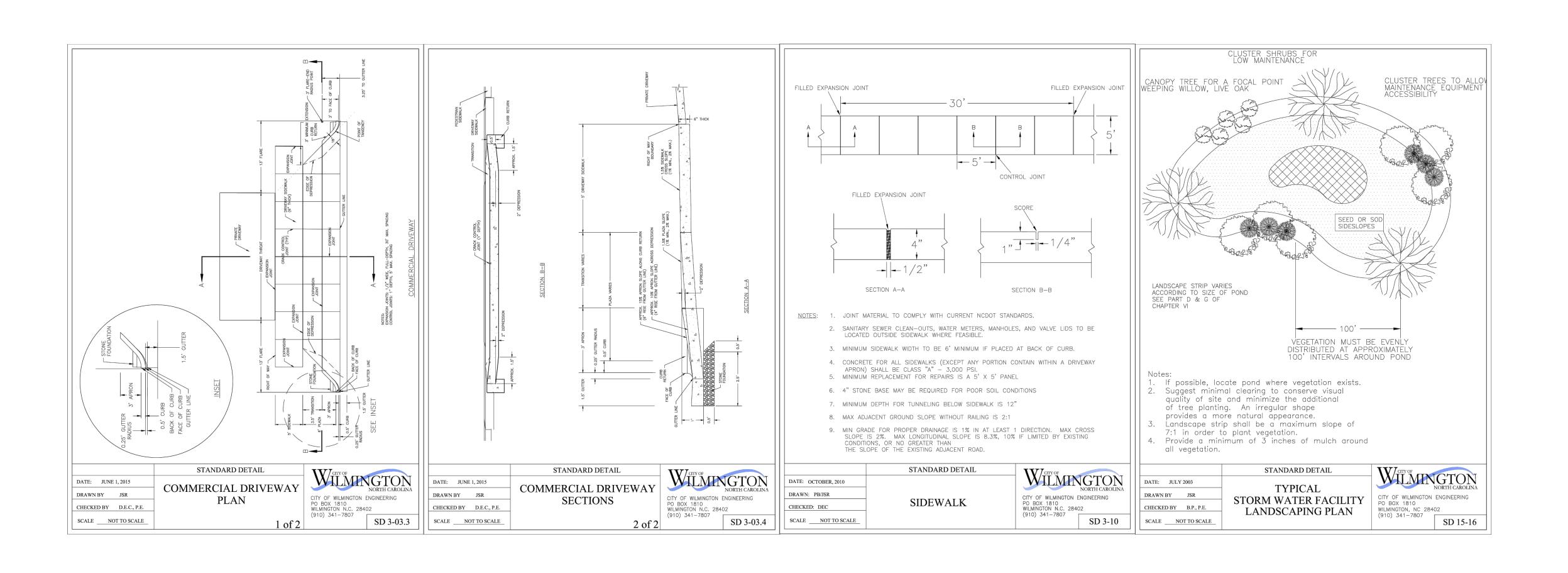
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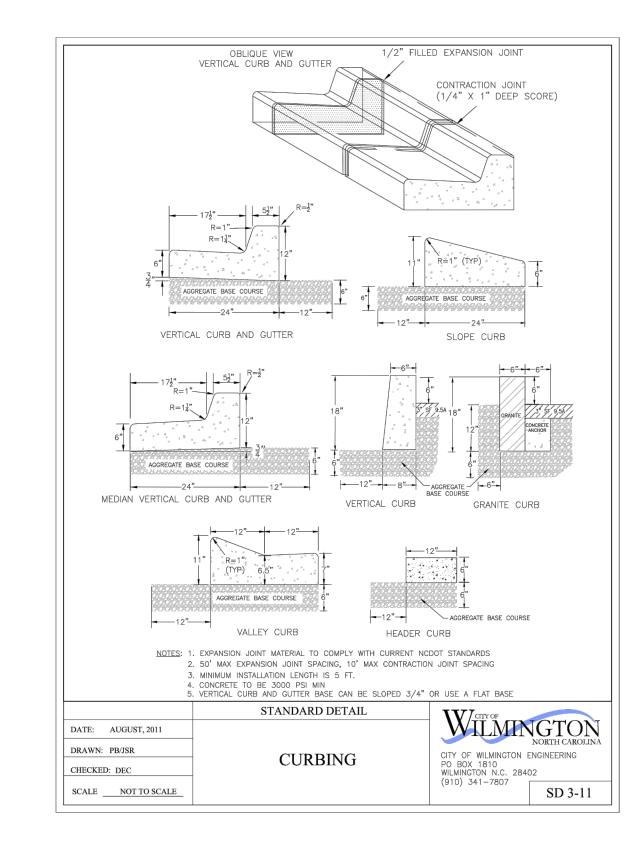
LEIGH

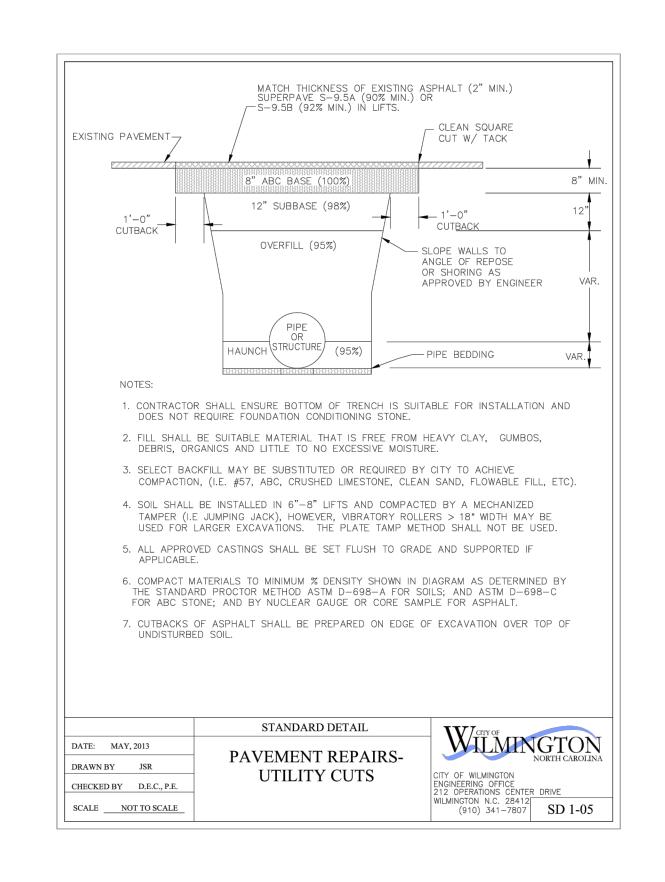
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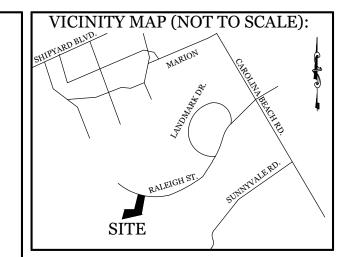
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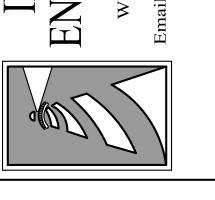


REVISIONS

INTRACOASTAL

SNGINEERING, PLLC

5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Phone: 910.859.8983



FOR STORAGE

FOR RALEIGH ST.

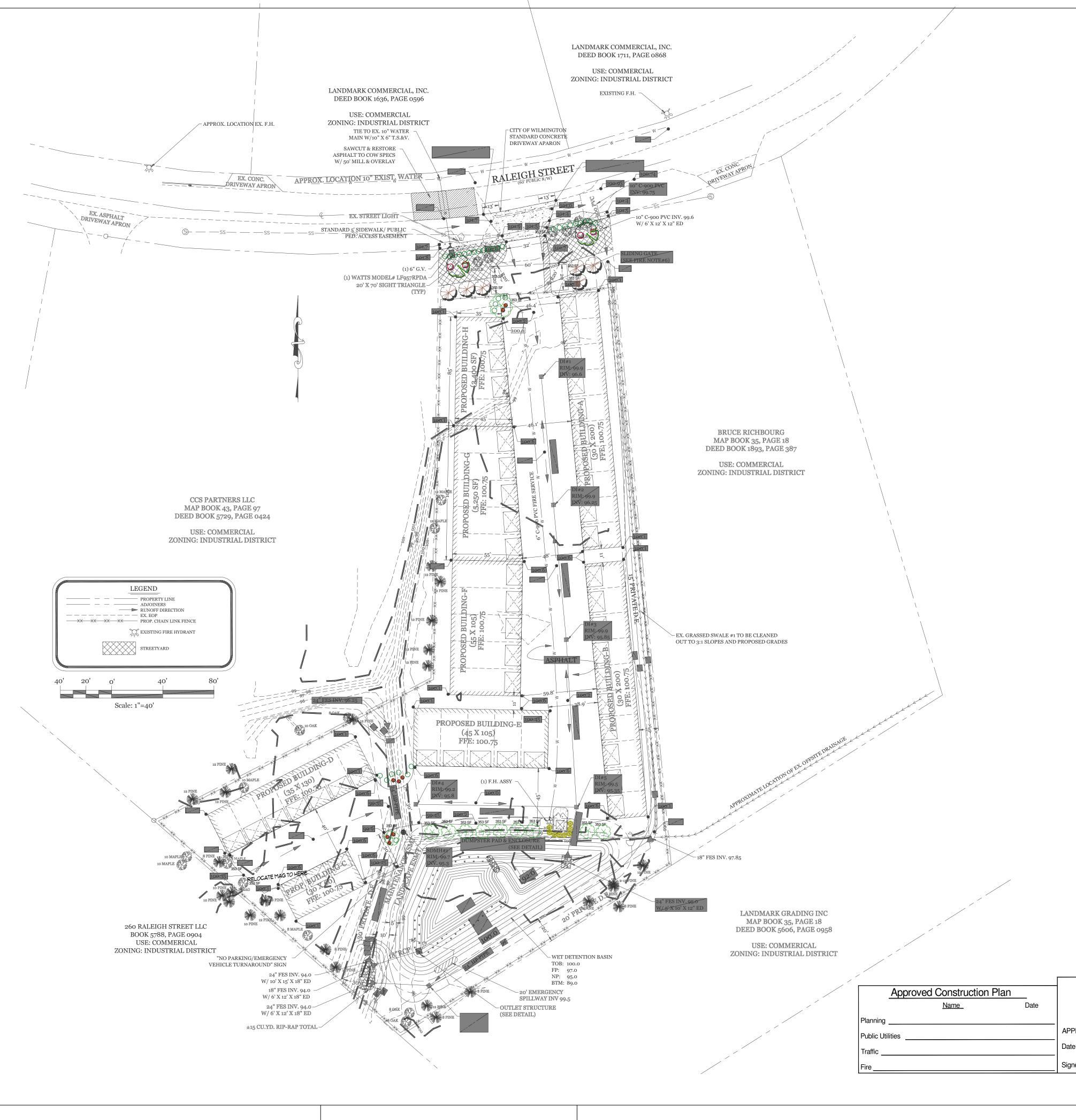
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5 OF



PARKING LOT SHADING LS REQUIREMENTS

32,585 S.F. X 20% = 6,517 S.F. SHADING REQ'D

353 X 19 = 6,707 S.F.

TOTAL SHADING PROV'D = 6,707 S.F.

STREETYARD LS REQUIREMENTS

2,634 S.F. / 600 = 4 TREES 2" CAL. REQ'D, 4 EX. & 2 NEW PROV'D. 26 SHRUBS 12" HT REQ'D, 26 PROV'D.

LANDSCAPE NOTES:

1. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY,
TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED
TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS,
MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION
FENCING.

2. THE AREAS WITHIN THE TRIANGULAR SIGHT DISTANCE SHALL BE
MAINTAINED FREE OF ALL OBSTRUCTIONS BETWEEN 30" AND 10'.

3. A RAIN/FREEZE SENSOR SHALL BE USED IF THERE IS AN IRRIGATION SENSOR.

4. USING THE CREATIVE STANDARD OF THE CODE, 50% OF THE STREETYARD
SHALL BE PLANTED AS CALLED OUT.

5. ALL PLANT BEDS ARE TO RECEIVE 3-4" OF PINESTRAW OR MULCH.

6. LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A CO.

TREE MITIGATION REQUIREMENTS

28" OF SIGNIFICANT TREES TO BE MITIGATED.

28" X 2 = 56" / 3 = 19 MITIGATION CAL. IN. REQ'D. OR

10 MITIGATION TREES (2" CAL.)

10 X \$350 = \$3,500 TO BE PAID IN LIEU OF PLANTING INTO

THE COW TREE IMPROVEMENT FUND.

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WILMINGTON, NC 28412

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NUMBER OF BUILDINGS:

X 15 TREES/AC REQ'D = 42 TREES (2" CAL.) NEW & EX. PROV'D.

BUILDING SIZE: 37,500 GFA TOTAL (SEE PLAN FOR INDIVIDUAL BLDG. SIZES)

BUILDING HEIGHT: 14'

BUILDING SETBACKS:

SIDE:

REAR:

PROJECT ADDRESS:

CURRENT OWNER:

REQUIRED= 50' PROPOSED= 50' PROPOSED= 15' PROPOSED= 15' PROPOSED= 15' PROPOSED= 15'

CALCULATION FOR BUILDING COVERAGE:
PROPOSED COVERAGE
37,500 S.F. ÷ 122,843 S.F. = 30.5%

PROPOSED IMPERVIOUS AREAS:

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ASPHALT DRIVES 32,585 S.F.

ASPHALT DRIVES 32,585 S.F. TOTAL 70,085 S.F (57.1%)

PROPOSED OFFSITE IMPERVIOUS AREAS:
CONCRETE SIDEWALK/DRIVE APRON: 1,510 S.F.

PARKING REQUIRED: (37,500 SF WAREHOUSE): MIN: 1 SPACE/1000 S.F. = 38 SPACES

AAX: 150% of Minimum= 57 SPACES

PARKING PROVIDED: 49 SPACES (1 Inside each unit)

BICYCLE PARKING REQUIRED: (MIN. 5 PER 25-125 VEHICLE SPACES)
REQUIRED: 5 SPACES
PROVIDED: 49 SPACES (1 Inside each unit)

FOUNDATION PLANTINGS: N/A (BUILDINGS HAVE ROLL-UP DOORS ALONG ALL FRONTAGES)

STREETYARD REQUIREMENT: 25' (12.5' MIN & 37.5' MAX WIDTH)

REQUIRED: 136' - 32'=104 LF X 25'= 2,600 S.F.

PROVIDED: 2,634 S.F.

PROPOSED SEWER AND WATER DEMAND: N/A

ESTIMATED TRIP GENERATION: (Per Trip Generation Manual, 10th Edition: 37,500 SF WAREHOUSE (ITE CODE 150)

AM PEAK: 9 DAILY: 87

| Legend | | | | | |
|--|----------------------|-----|---------|--------|--------|
| | Common Name | Qty | | Height | |
| Sh | | | | | |
| | Rose, Drift, Red | 8 | 3 Gal. | | |
| Sh | rub, Evergreen Broad | 1 | o dai. | | |
| | Azalea, Formosa | 4 | 3 Gal. | 12" | |
| The state of the s | Holly, Yaupon, Dwarf | 35 | 3 Gal. | 12" | |
| | Yew, Podocarpus | 8 | 3 Gal. | 24" | |
| Tre | ee | | | | |
| | Allee Elm | 6 | 2" Cal. | | Canopy |
| | Live Oak | 2 | 2" Cal. | | Canopy |
| | Trident Maple | 11 | 2" Cal. | | Canopy |
| | | | | | |

CLIENT INFORMATION:
Stephen B Conway
6248 Towles Rd
Wilmington, NC 28409
Phone: 910-538-9737

FREENAN LANDSCAPE, INC. Landscape Installation Professionals james@freemanlandscape.com (910) 796-1166

Revision #: 1

Date: 6/11/2021

Scale:

1" = 40'

Landscape Plan:

Raleigh St. Storage

Landscape Design by: Jim Freeman - NCLC# 0071

Freeman Landscape, Inc.