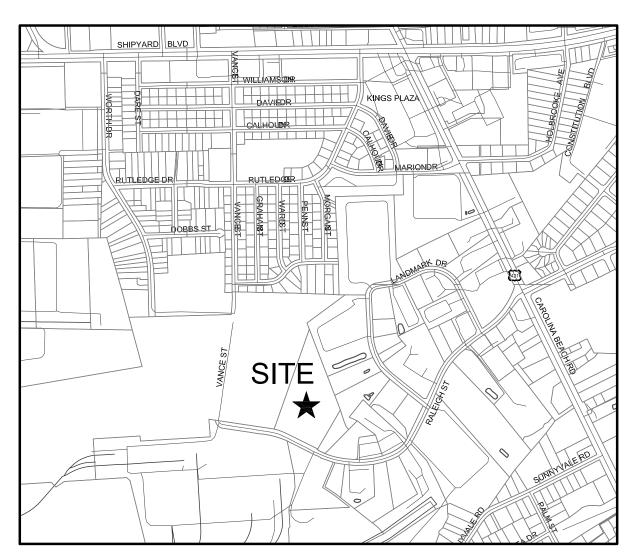
CONCRETE BATCHING PLANT

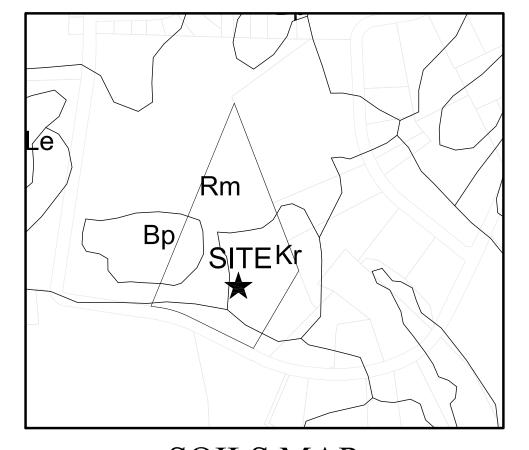
239 RALEIGH STREET WILMINGTON, NORTH CAROLINA 28401

CONSTRUCTION DOCUMENTS

PROJECT ADDRESS: 239 RALEIGH STREET WILMINGTON, NC 28401



VICINITY MAP
SCALE: 1"=1000'



SOILS MAP
SCALE: 1"=500'

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTRACTORS SHALL CONTACT OVERHEAD ELECTRIC PROVIDER TO COMPLY WITH FEDERAL OSHA 1910.333 MINIMUM APPROACH DISTANCE TO ENERGIZED POWERLINES AND OSH 29 CFR 1926.1407-1411 MUST BE FOLLOWED.

CONTRACTOR SHALL CONTACT AT&T PRIOR TO ANY DEMOLITION TO ALLOW FOR AT&T TO DISCONNECT COMMUNICATIONS CABLES COMING INTO THE SITE.

CONTACT THESE UTILITIES

CITY OF WILMINGTON PLANNING & DEVELOPMENT
ATTN: BRIAN CHAMBERS, PLANNER

ATTN: ZONING INSPECTIONS

PH: 910-342-2782

PH: 910-254-0900

PIEDMONT NATURAL GAS ATTN: CATHY PLEASANT PH: 910-251-2827

EMERGENCY DIAL 911
POLICE - FIRE - RESCUE



CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER)
ENGINEERING/INSPECTIONS
PH: 910-332-6560

OPERATIONS/MAINTENANCE PH: 910-322-6550

DUKE ENERGY
DISTRIBUTION CONSTRUCTION SERVICE
DEP CSC PH: 1-800-452-2777

TRANSMISSION AGENT BILL WILDER PH: 910-772-4903

AT&T/BELL SOUTH
ATTN: STEVE DAYVAULT (BUILDING ENGINEERING)
PH: 910-341-0741

ATTN: JAMES BATSON, ENGINEERING PH: 910-341-1621

TIME WARNER CABLE PH: 910-763-4638

OWNER / DEVELOPER:
CRETE HOLDINGS, LLC
2005 EASTWOOD RD., STE. 200
WILMINGTON, NORTH CAROLINA 28403
ATTN: JOHN ALLEN (910) 726-1693

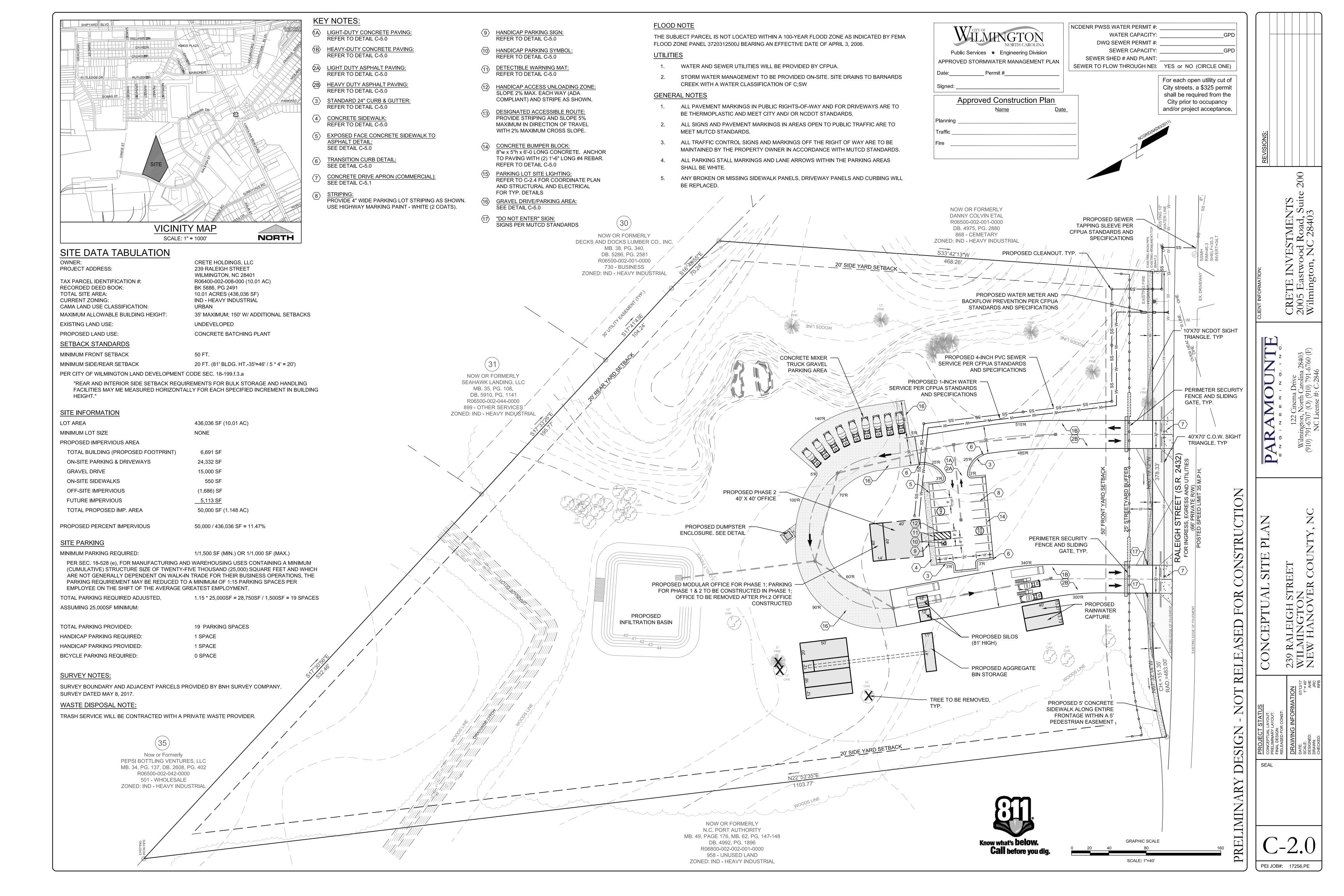
ENGINEER (CIVIL), & LANDSCAPE ARCHITECT:
PARAMOUNTE ENGINEERING, INC.
122 CINEMA DRIVE
WILMINGTON, NORTH CAROLINA 28403
ATTN: ROB BALLAND, P.E. (910) 791-6707

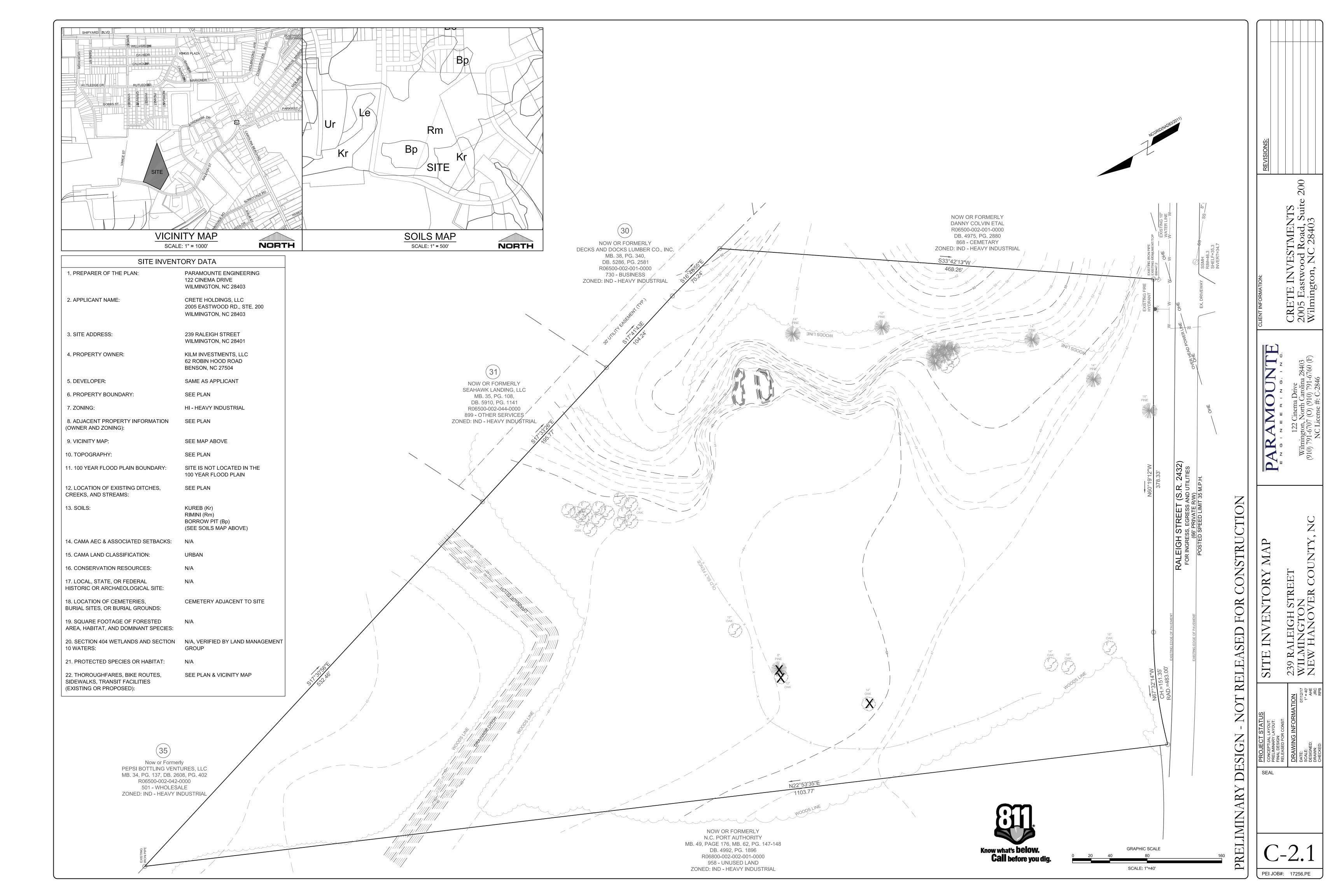
| | SHEET INDEX |
|--------------|-------------------------|
| SHEET NUMBER | SHEET TITLE |
| C-0.0 | COVER SHEET |
| C-1.0 | GENERAL NOTES |
| C-2.0 | SITE PLAN |
| C-2.1 | SITE INVENTORY MAP |
| C-3.0 | EROSION CONTROL PLAN |
| C-3.1 | GRADING & DRAINAGE PLAN |
| C-4.0 | UTILITY PLAN |
| C-5.0-5.4 | DETAILS |
| L-1.0 | LANDSCAPE PLAN |

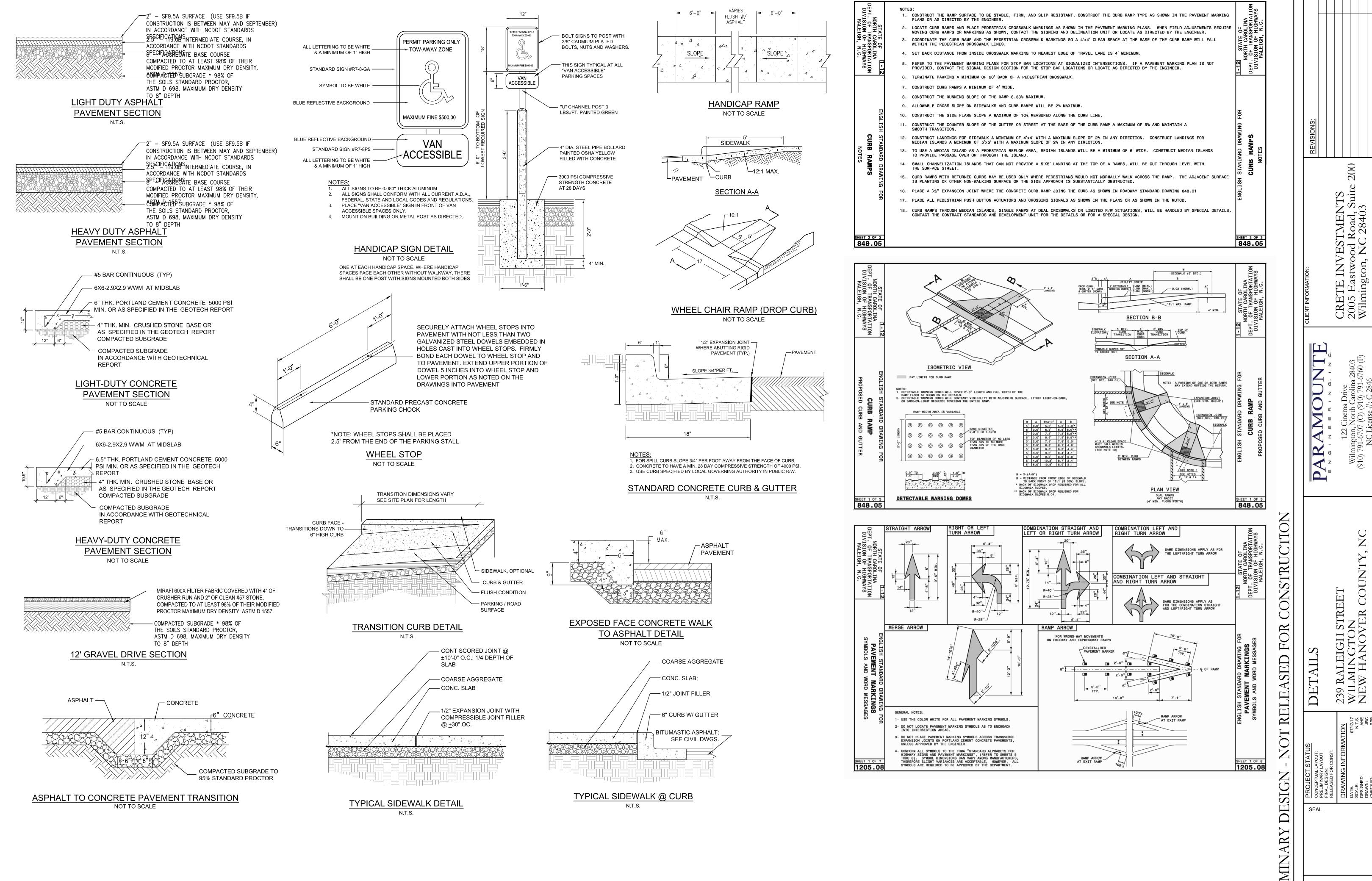
PREPARED BY:



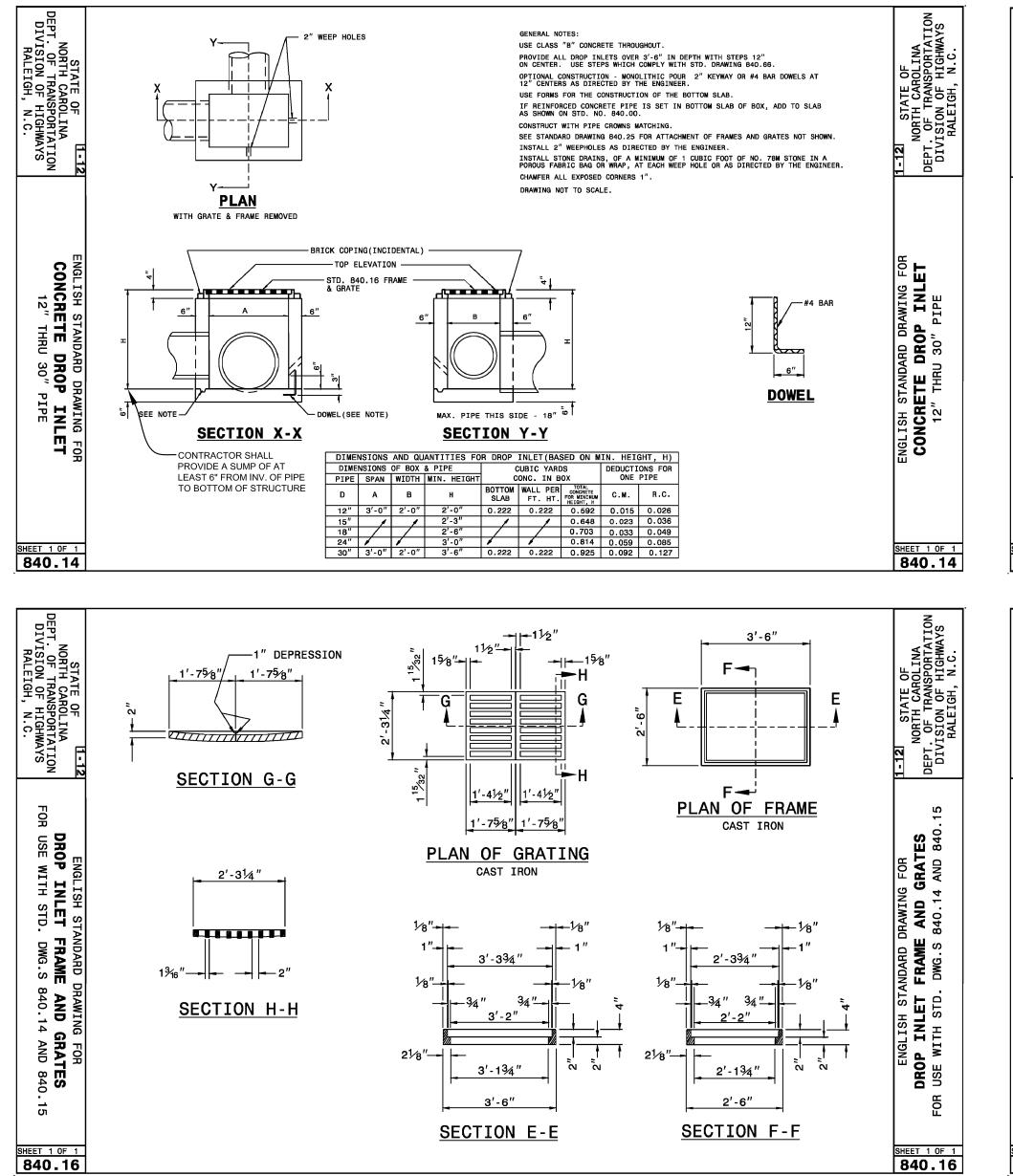
122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846 PROJECT # 17256.PE

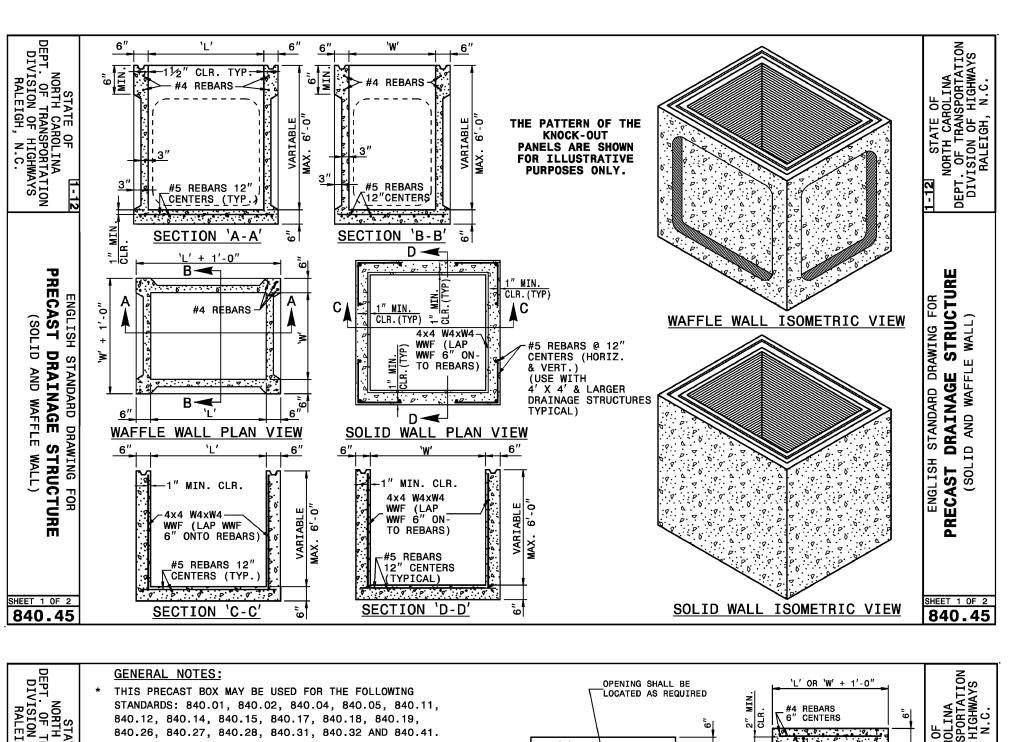


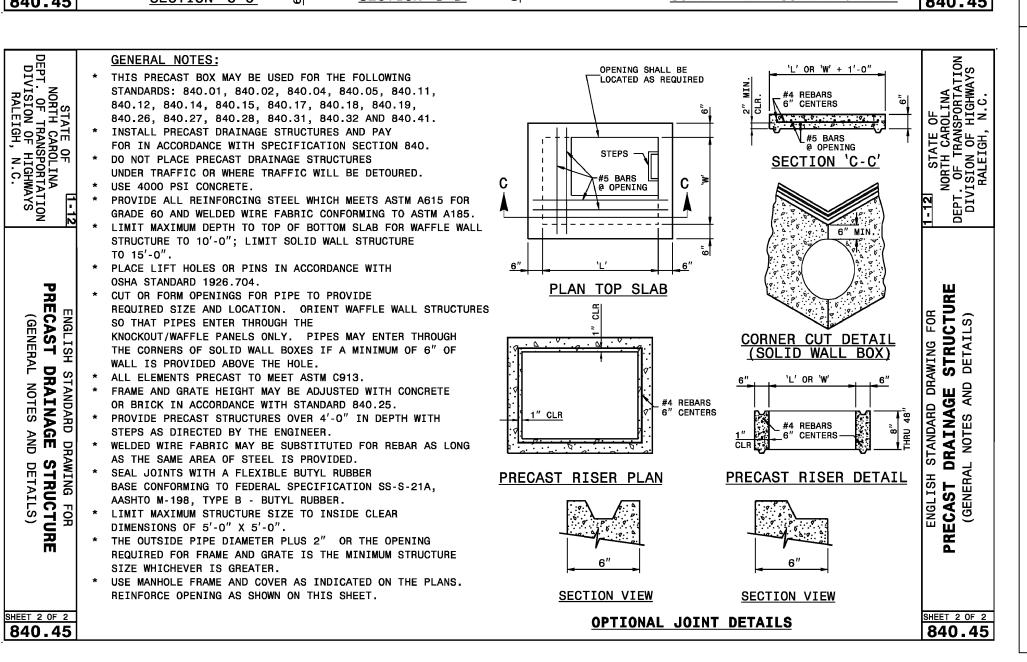


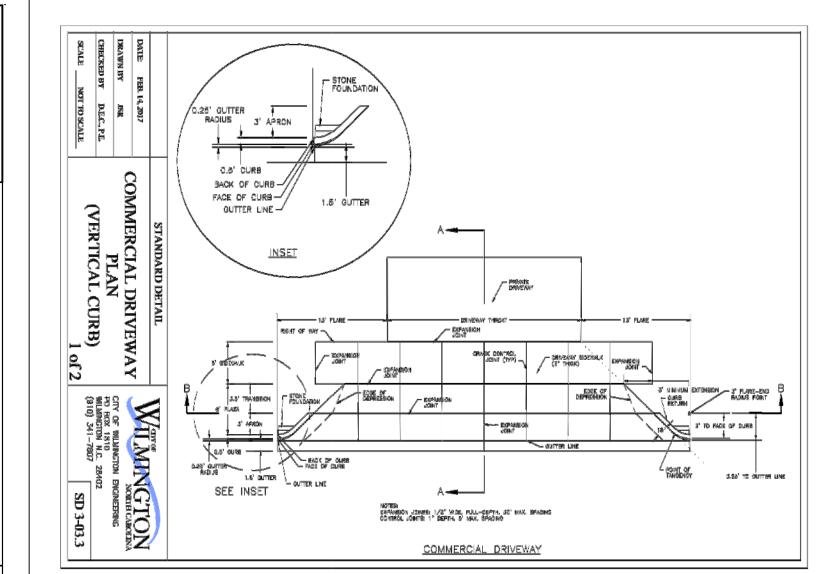


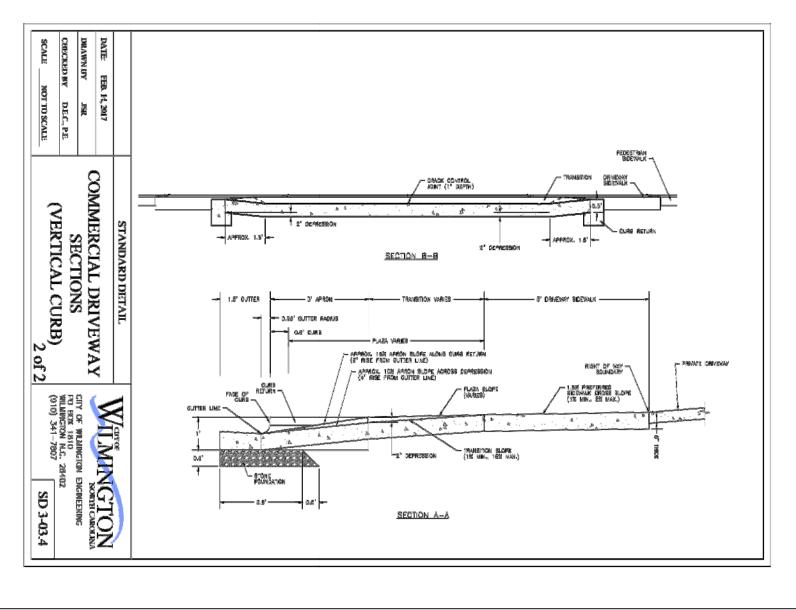
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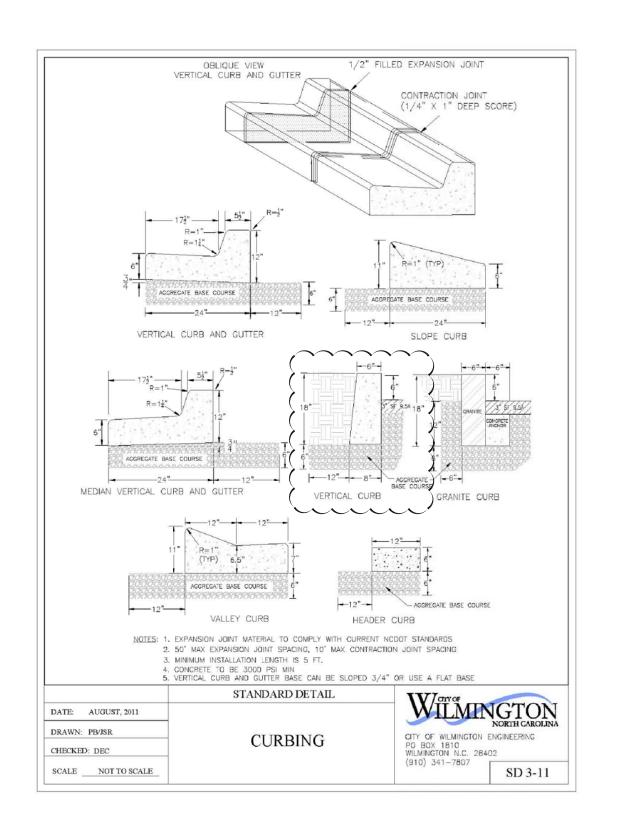


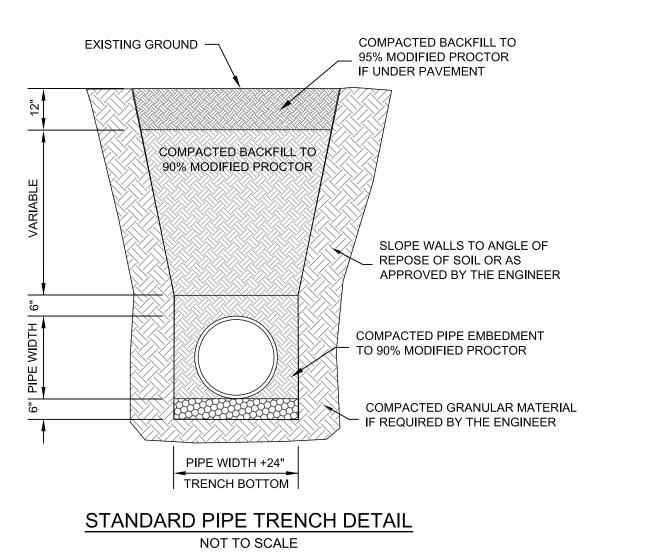












CONSTRUC \simeq DESIGN **PRELIMINARY**

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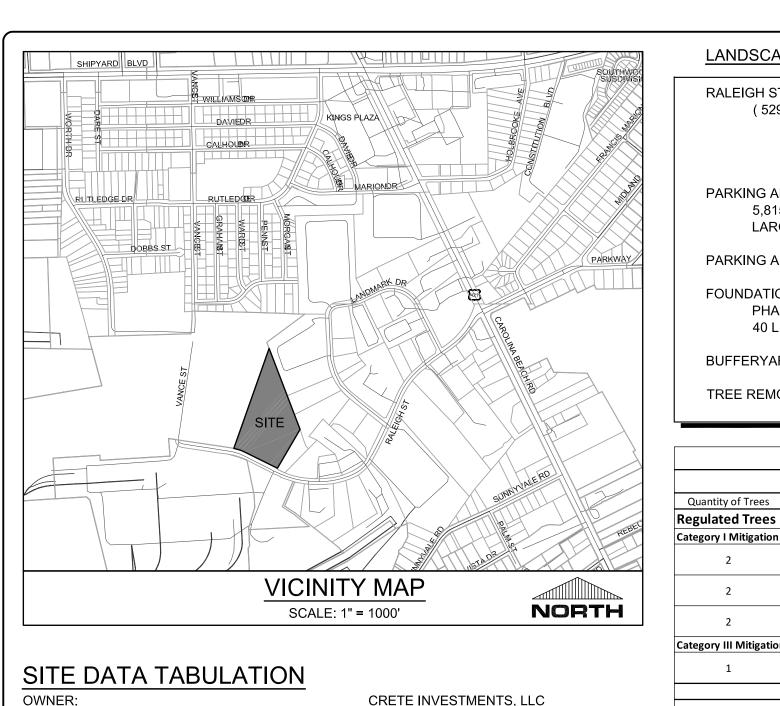
GH STREET TON NOVER COU

200

AMOUNTE

SEAL

PEI JOB#: 17256.PE



PROJECT ADDRESS:

TAX PARCEL IDENTIFICATION #: RECORDED DEED BOOK:

TOTAL SITE AREA: CURRENT ZONING: CAMA LAND USE CLASSIFICATION:

MAXIMUM ALLOWABLE BUILDING HEIGHT:

EXISTING LAND USE: UNDEVELOPED

PROPOSED LAND USE:

SURVEY DATED MAY 8, 2017.

SURVEY NOTES: SURVEY BOUNDARY AND ADJACENT PARCELS PROVIDED BY BNH SURVEY COMPANY.

LANDSCAPE NOTES:

- CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS OR AS OTHERWISE DICTATED BY LOCAL REGULATIONS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR ALL PLANT MATERIAL SHALL MEET THE CURRENT VERSION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S

239 RALEIGH STREET WILMINGTON, NC 28401

BK 5886, PG 2491

R06400-002-008-000 (10.01 AC)

CONCRETE BATCHING PLANT

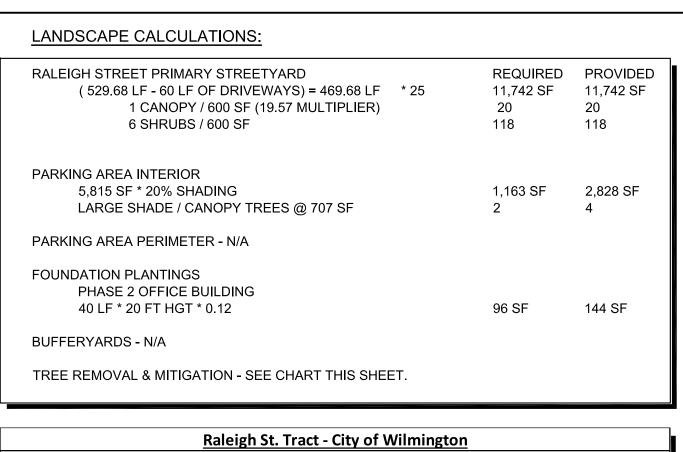
35' MAXIMUM; 150' W/ ADDITIONAL SETBACKS

10.01 ACRES (436,036 SF)

IND - HEAVY INDUSTRIAL

- STANDARDS. NO EXISTING TREES SHALL BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE
- ARCHITECT OR OWNER'S REPRESENTATIVE.
- 5. ALL SHRUB BEDS AND/OR PLANTING AREAS EXCLUDING TURF AREAS SHALL BE MULCHED WITH 3 INCH MINIMUM AND 4 INCH MAXIMUM DEPTH PINE STRAW MULCH UNLESS OTHERWISE NOTED.
- ALL PLANTS, 4 FEET OR LESS APART, WILL BE CONNECTED IN ONE PLANTING BED. ALL GROUPS OF PLANTS SHOULD BE WITHIN ONE PLANTING BED WITH THE EDGE OF MULCH EXTENDING 2 FEET BEYOND THE EDGE OF PLANT MASS. SINGLE TREES SHOULD HAVE A CIRCLE OF MULCH NOT LESS THAN 5 FEET DIAMETER.
- PLANTING SOIL MIX: MIX EXISTING SOIL WITH THE SOIL AMENDMENTS AND FERTILIZERS IN THE QUANTITIES RECOMMENDED BY THE SOIL TESTING LABORATORY, THIRD PARTY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE OR AS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- 8. ANY AND ALL SUBSTITUTIONS OF PLANT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. FAILURE IN OBTAINING APPROVAL MAY RESULT IN LIABILITY TO THE CONTRACTOR.
- 9. THE CONTRACTOR SHALL REPLACE DEAD AND/OR UNHEALTHY PLANT MATERIAL WITHIN 12 MONTHS OF ACCEPTANCE OF THE INSTALLED MATERIAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
- 10. IF IRRIGATION IS NEEDED, IT SHALL BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATION CONTRACTOR IN
- THE STATE OF NORTH CAROLINA. 11. THE CONTRACTOR IS RESPONSIBLE FOR HAND WATERING THE INSTALLED PLANT MATERIAL FOR A PERIOD OF 6 MONTHS FROM THE ACCEPTANCE FROM THE OWNER OR OWNER'S REPRESENTATIVE IF IRRIGATION HAS NOT BEEN INSTALLED. ALL MATERIAL INCLUDING SOD AND SEEDED AREAS SHALL BE HAND WATERED ONCE WEEKLY OR AS NEEDED TO ENSURE SURVIVAL OF PLANTS.
- 12. CONTRACTOR IS RESPONSIBLE FOR REMOVING TRASH, DEBRIS AND EXCESS MATERIALS FROM THE JOB SITE ONCE THE PROJECT IS COMPLETE. SECURING ANY MATERIALS LEFT ON SITE DURING THE COURSE OF THE PROJECT IS THE CONTRACTOR'S RESPONSIBILITY.
- 13. ALL DISTURBED AREAS SHALL BE SEEDED.

SINGLE STEM TREE INSTALLATION DETAIL



Tree Removal

Quantity of Trees Caliper Inches/ Tree Tree Common Name Tree Type Tree Location Total Cal. Inches

Loblolly Pine

Category I Mitigation (100%)

Category III Mitigation (50%)

| PLANT SCHEDULE | | | | |
|----------------|-----|--|----------|--|
| TREES | QTY | COMMON NAME | SIZE | |
| AMH | 17 | AMERICAN HOLLY ILEX OPACA | 2.5" CAL | |
| BCY | 4 | BALD CYPRESS TAXODIUM DISTICHUM | 2.5" CAL | |
| BOE | 3 | BOSQUE ELM ULMUS PARVIFOLIA 'BOSQUE' | 2.5" CAL | |
| | | | | |
| SHRUBS | QTY | COMMON NAME | CONT | |
| LORR | 8 | RUBY LOROPETALUM LOROPETALUM CHINENSE 'RUBY' | 7 GAL | |
| VPIT | 119 | VARIEGATED MOCK ORANGE PITTOSPORUM TOBIRA 'VARIEGATA' | 7 GAL | |
| WM | 7 | WAX MYRTLE MYRICA CERIFERA | 4` HT | |
| | | INITRICA CERIFERA | , | |

= EXISTING PROPERTY LINE = EXISTING WATER MAIN = EXISTING FIRE HYDRANT = EXISTING SANITARY SEWER MAIN = EXISTING OVERHEAD ELECTRIC = WETLAND AREA AREA = EX. UNDERGROUND ELECTRIC = EX. UNDERGROUND FIBER OPTIC = PROPOSED SANITARY SEWER = PROPOSED WATER SERVICE = PROPOSED STORM SEWER = PROPOSED DROP INLET = EX. TREE TO BE REMOVED

NCDENR PWSS WATER PERMIT #: Public Services • Engineering Division APPROVED STORMWATER MANAGEMENT PLAN

NOW OR FORMERLY

DANNY COLVIN ETAL

R06500-002-001-0000

DB. 4975, PG. 2880 868 - CEMETARY

ZONED: IND - HEAVY INDUSTRIA

SEED OUTSIDE OF TREE MULCH

BED IN ALL PLANTING ISLANDS

DWQ SEWER PERMIT #: **SEWER CAPACITY:** GPD SEWER SHED # AND PLANT: SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

WATER CAPACITY

For each open utility cut of City streets, a \$325 permit shall be required from the

City prior to occupancy and/or project acceptance.

- SIGHT TRIANGLE.

GPD

Approved Construction Plan

NOW OR FORMERLY ECKS AND DOCKS LUMBER CO., INC. MB. 38, PG. 340, — BIKE RACK / 20' SIDE YARD SETBACK

LEGEND

DB. 5286, PG. 2581 Loading R06500-002-001-0000 Pond/Agregate 730 - BUSINESS oading/Recycle ZONED: IND - HEAVY INDUSTRIAL Pond/Agregate _oading/Recycle Pond/Agregate Total Regulated Tree Caliper Inches to be Removed on Site Total Regulated Tree Caliper Inches to be Mitigated on Site

NOW OR FORMERLY SEAHAWK LANDING, LLC MB. 35, PG. 108, DB. 5910, PG. 1141 R06500-002-044-0000 899 - OTHER SERVICES ZONED: IND - HEAVY INDUSTRIAL

Pond/Agregate

PROPOSED DUMPSTER ENCLOSURE. SEE DETAIL

> PROPOSED MODULAR OFFICE FOR PHASE 1; PARKING FOR PHASE 1 & 2 TO BE CONSTRUCTED IN PHASE 1:

PROPOSED PHASE 2

WM

OFFICE TO BE REMOVED AFTER PH.2 OFFICE CONSTRUCTED

PROPOSED INFILTRATION BASIN

TREES REMOVED FOR ACCESS TO AGGREGATE BINS AND MATERIALS LOADING/STORAGE AREA;

OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT. INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE TAMP PLANT SOIL MIX FIRMLY IN 8" LIFTS AROUND PLANT BALL EQUAL SPACING BETWEEN ALL PLANTS NOTED AS ON-CENTER (O.C.) PLANTING SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION. DIMENSION IN THE PLANT SCHEDULE TYPICAL PLANTING BED LAYOUT — SOIL BERM TO HOLD WATER NOTE: SHRUBS SHALL BE -- MINIMUM DEPTH OF 12" PLANTED 2" HIGH WITH SOIL PLANTING SOIL FOR MOUNDING UP TO THE TOP OF EXCAVATE ENTIRE BED AS 3" MINIMUM OF CLEAN SPECIFIED FOR GROUND-COVER BED. FINISHED GRADE PREPARED PLANTING SOIL AS SPECIFIED. NOTE: WHEN ROUNDCOVERS AND SHRUBS USED IN MASSES ENTIRE BED TO BE EXCAVATED TO RECEIVE PLANTING SOIL AND PLANT B SHRUB INSTALLATION DETAIL

PROPOSED 5' CONCRETE SIDEWALK ALONG ENTIRE FRONTAGE WITHIN A 5' PEDESTRIAN EASEMENT

PERIMETER SECURITY

PROPOSED SILOS

PROPOSED AGGREGATE

COLLECTION & RECYCLE AREA;

(81' HIGH)

BIN STORAGE

TREES REMOVED FOR ACCESS TO AGGREGATE BINS AND MATERIALS LOADING/STORAGE/AGGREGATE

FENCE AND SLIDING

GATE, TYP.

PROPOSED

RAINWATER

NORTH GRAPHIC SCALE SCALE: 1"=40'

PEI JOB#: 17256.PE

