



BOWMAN MURRAY HEMINGWAY

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SITE DATA TABLE

CORNELIA NIXON DAVIS INC 1007 & 1011 PORTERS NECK ROAD PROJECT ADDRESS R03700-001-005-000 PIN NUMBERS

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE R-20 RESIDENTIAL ZONING DISTRICT 755,220 SF (17.34 AC) TRACT AREA

DISTURBED AREA

FRONT: 30' REAR: 25' SIDE (STREET): 22.5' SIDE (INTERIOR): 15'

755,620 SF

PROPOSED BUILDING AREAS (GROSS) BUILDING LOT COVERAGE (15,780/755,220)

CURBING WILL BE REPLACED. 8) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RÍGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS. 10) NO STREETS PROPOSED. 11) NO OFF SITE PARKING PROPOSED.

15) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE. 16) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING 17) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR

LANDSCAPING TO BE PROVIDED BY OTHERS.

1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS. 2) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR

FINAL APPROVAL. 3) IF THE 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 DEVELOPERS SIDE OF THE WATER METER BOX. 4) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION. CALL 332-6419 FOR INFORMATION. 5) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USCFCCCHR OR

6) PUBLIC WATER AND SEWER EXIST WITHIN WRIGHTSVILLE AVE. R/W. NO RECORDS OF INDIVIDUAL EASEMENTS EXIST. 7) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR

GRADING. 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR. 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

1) CONVEYANCE: LOT No.1 SHEET FLOW AND OPEN GRASS SWALE TO LOT No's 2, 3 AND 4 INVERTED CROWN TO DROP INLETS TO OPEN GRASS SWALE TO SOUTHEAST.

PROPERTY OWNER

R03700-002-001-000

SETBACKS REQUIRED

WAREHOUSE/RESIDENTIAL BUILDING USE

NUMBER OF PROPOSED BUILDINGS MAXIMUM BUILDING HEIGHT NUMBER OF STORIES

PROPOSED IMPERVIOUS AREAS: PROPOSED BUILDING 46,708 SF PROPOSED ASPHALT 2,822 SF 2,000 SF PROPOSED CONCRETE PROPOSED FUTURE 68,750 SF PROPOSED IMPERVIOUS TOTAL 686,870 SF EXISTING IMPERVIOUS

EXISTING + PROPOSED IMPERVIOUS

PROPOSED PARKING REQUIRED: (DWELLING, SINGLE FAMILY) 2 SPACES PER DWELLING UNIT 4 DWELLING UNITS 8 SPACES REQUIRED 2 SPACES * 4 UNIT

PROPOSED PARKING REQUIRED: (WAREHOUSE)
1.5/EACH 2 EMPLOYEES ON SHIFT
1/MANAGERIAL POSITION 1/EACH VEHICLE USED DIRECTLY IN CONDUCT OF BUSINESS PARKING REQUIRED: (WAREHOUSE) 15 SPACES REQUIRED (10 EMPLOYEES, 1 MANAGER, 4 WORK VEHICLES)

PROPOSED PARKING PROVIDED:

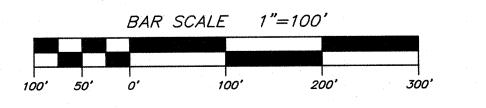
PUBLIC WATER AND SEWER BY CFPUA EXISTING WATER FLOW: EXISTING SEWER FLOW: PROPOSED WATER FLOW: (240 GPD/1&2 BEDROOM UNITS x 110%) 1,276 GPD 100/LOADING BAY (200 GPD) PROPOSED SEWER FLOW: 240 GPD/1&2 BEDROOM UNITS x 4 UNITS) 1,160 GPD 100/LOADING BAY (200 GPD)

国



EJW 06.04.2020

SHEET NUMBER



EX.DI RIM 23.20'

CVERHEAD POWER LINE
30' CP&L EASEMENT
DB. 785, PO. 577
DB. 1244, PC 1784

| N 733725 W 379-15 | S 1210'49" W 30.08" | (TIE) S 30'45'45" E 41.10" | (

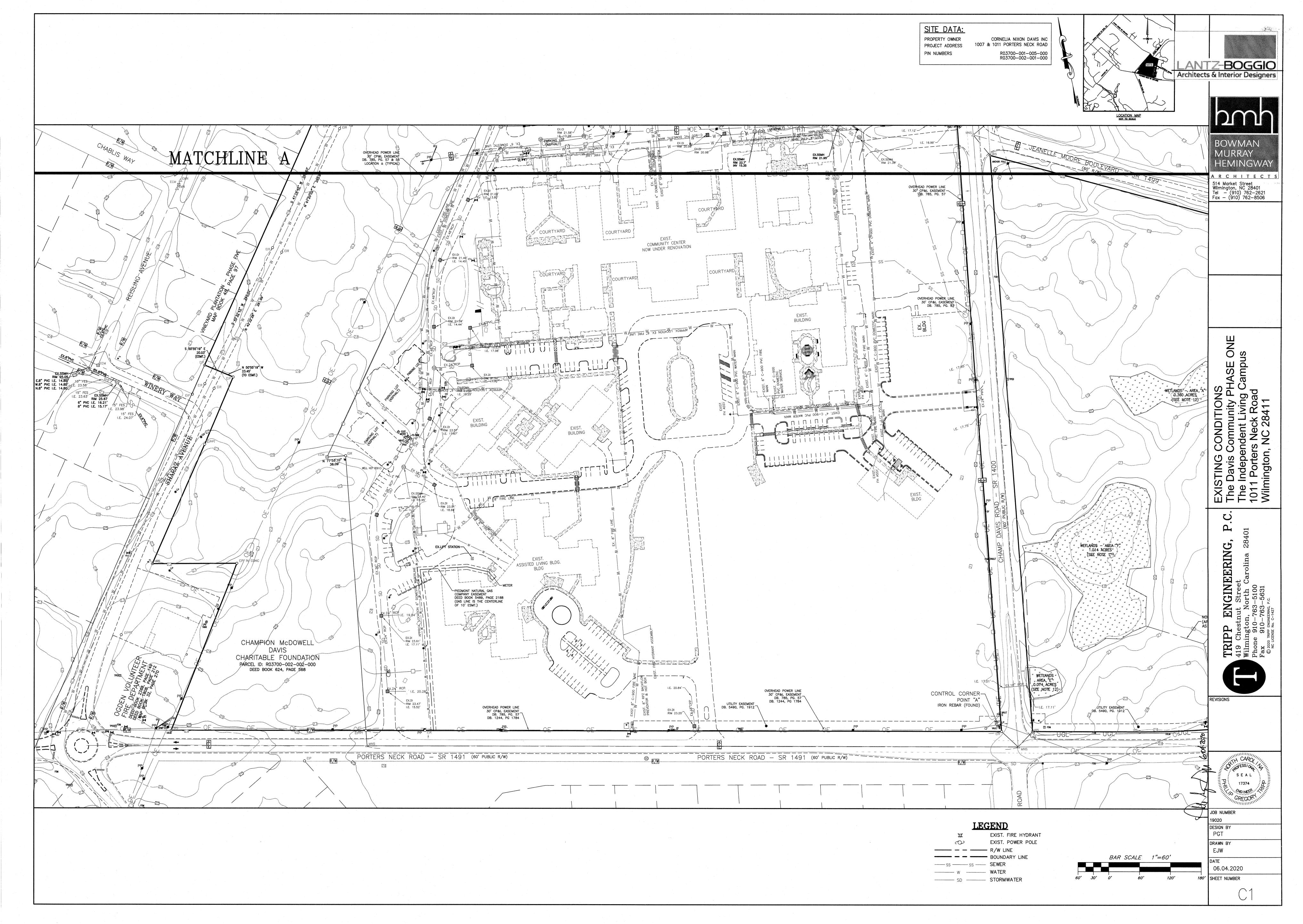
CONTROL CORNER-POINT ('A" ____ IRON_REBAR_(FOUND)

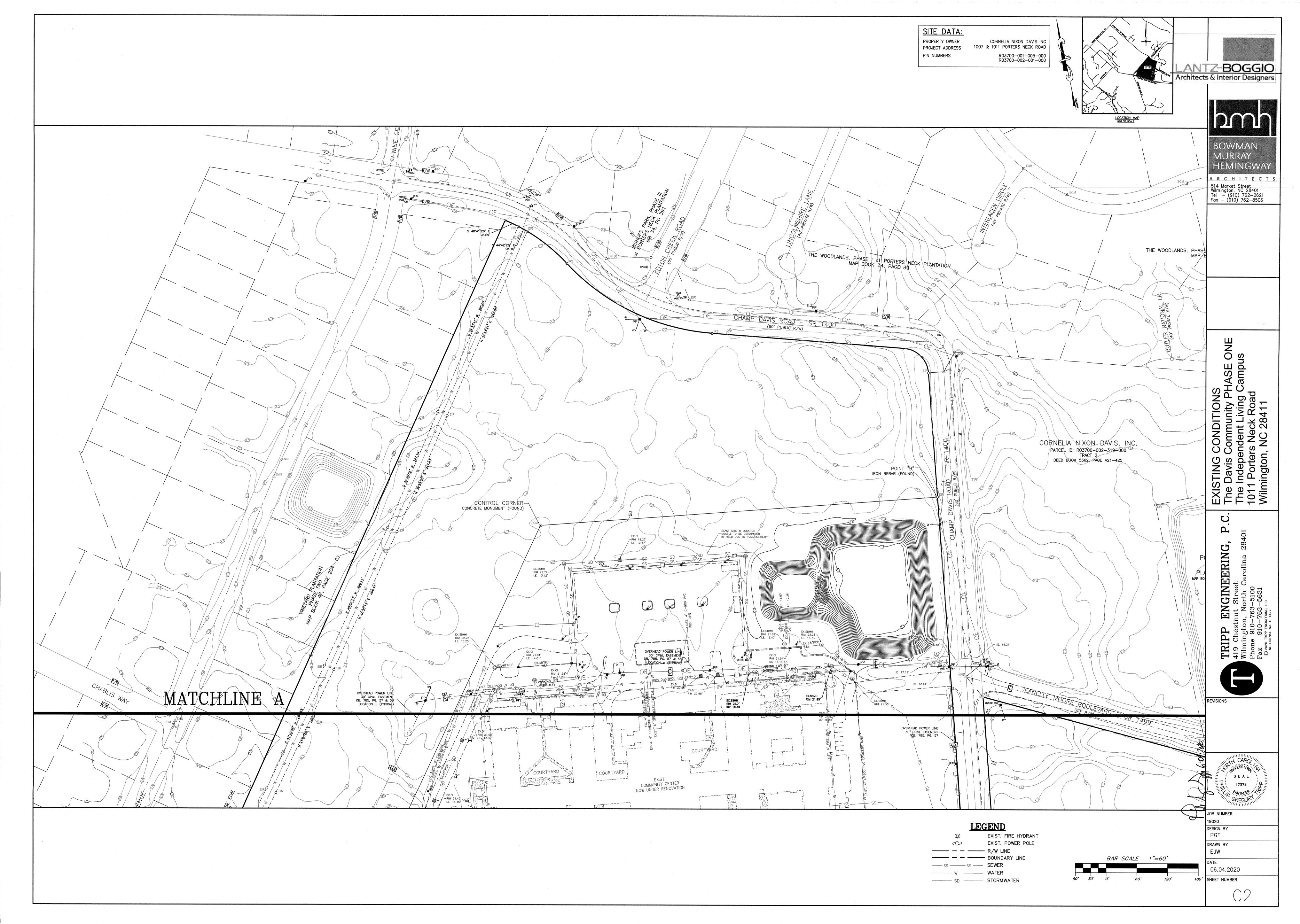
N: 199,484.32 E: 2,371,461.73

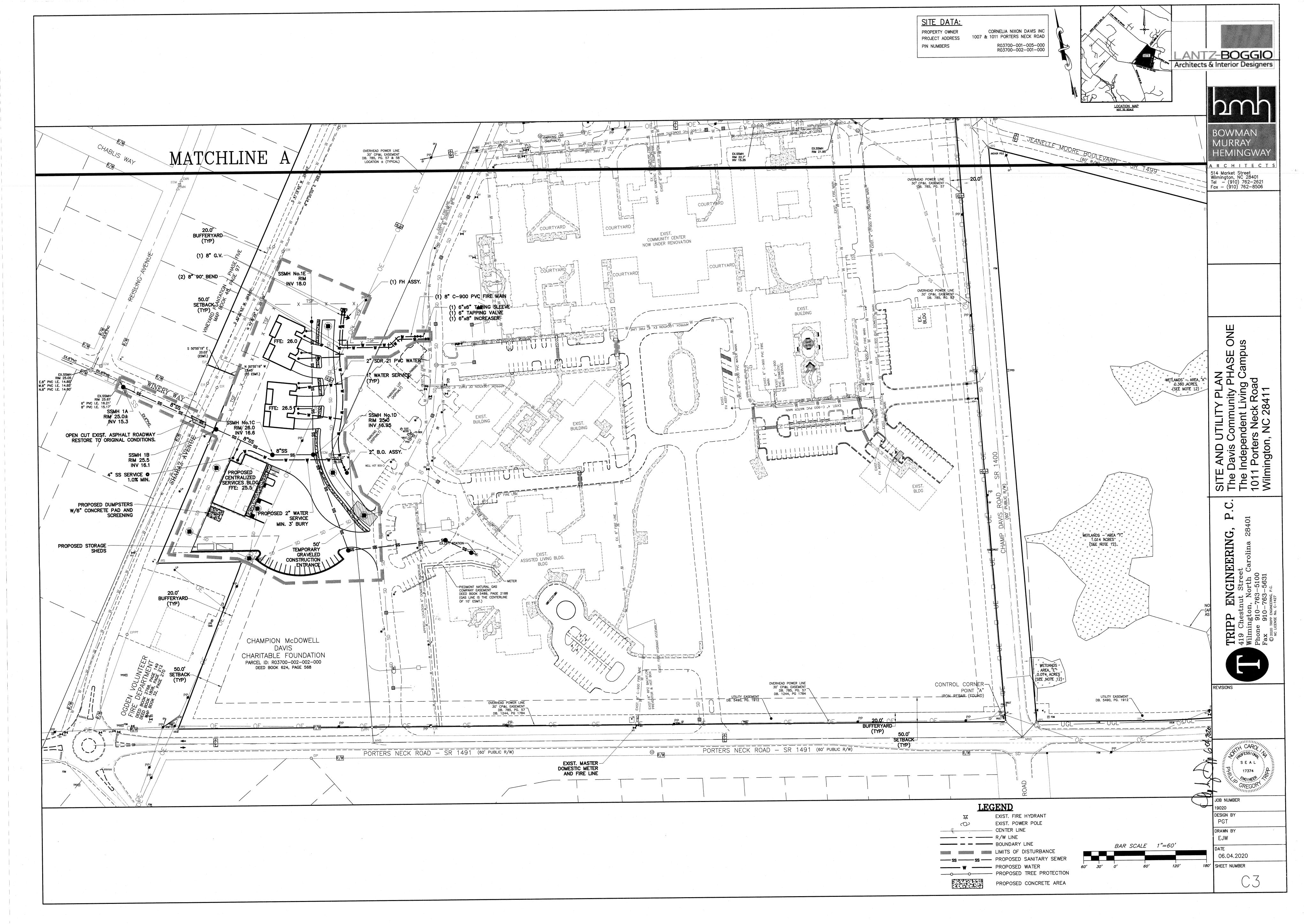
(IE) 3 56 16723" W 40.90"

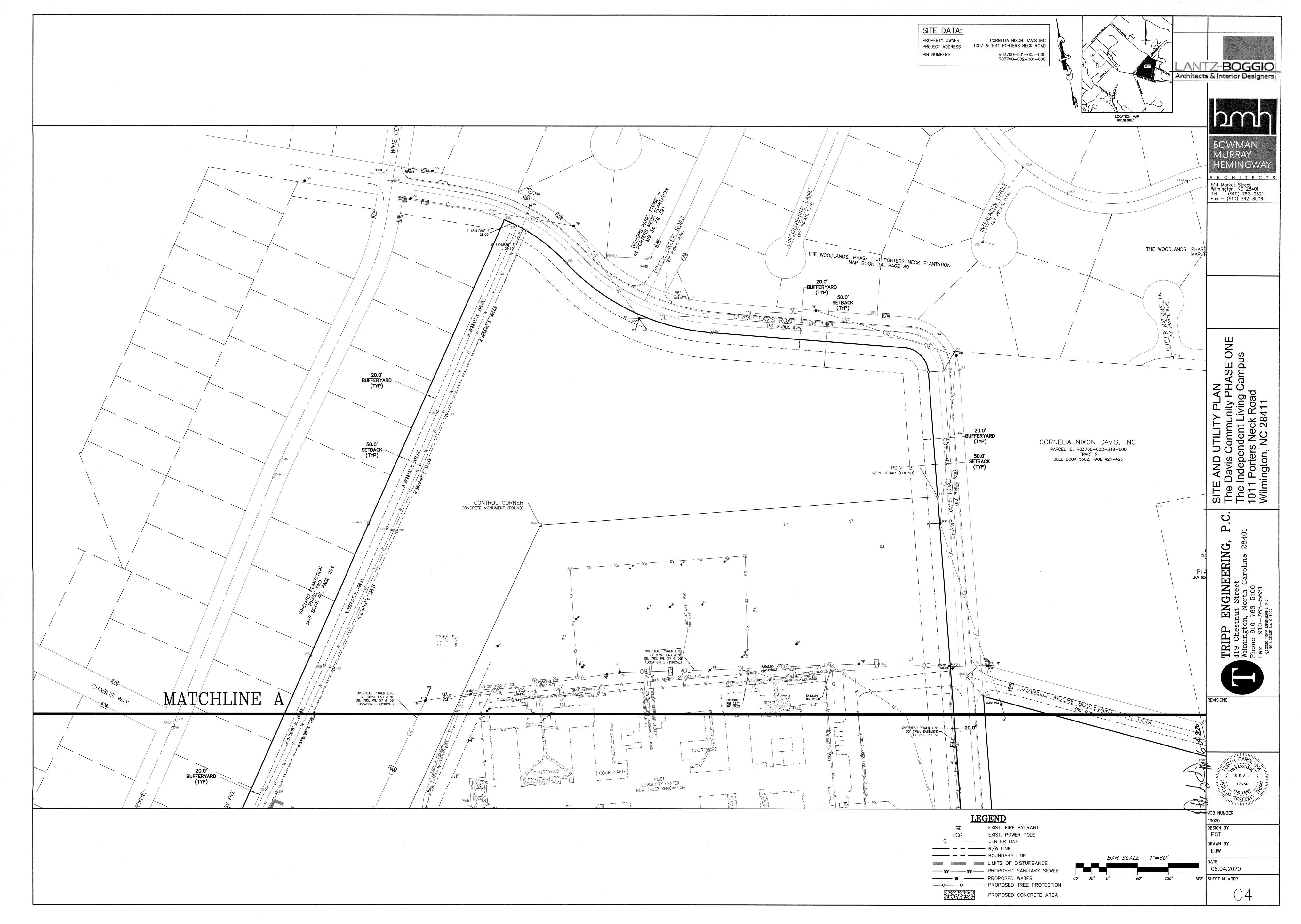
CHAMPION McDOWELL

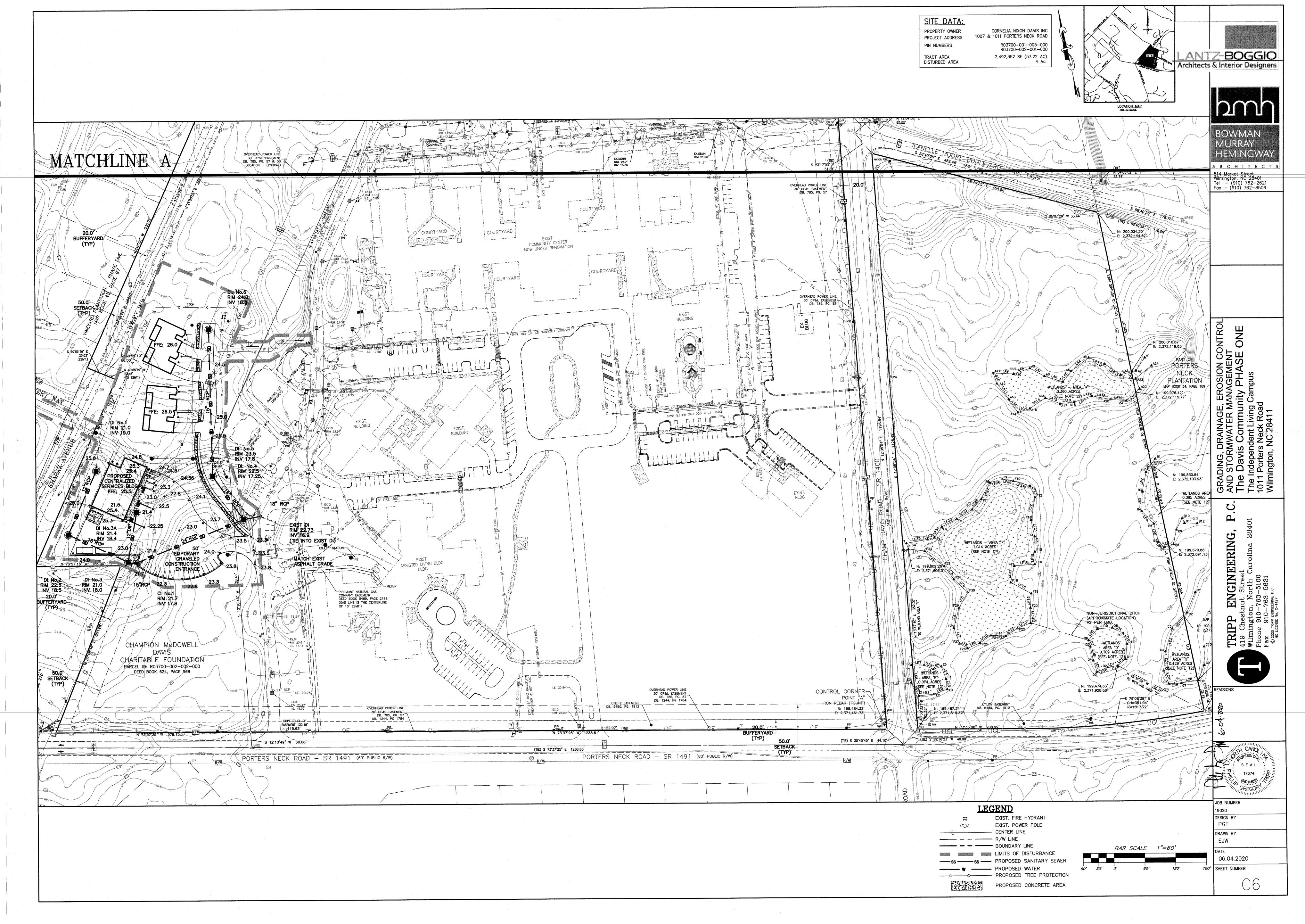
CHARITABLE FOUNDATION

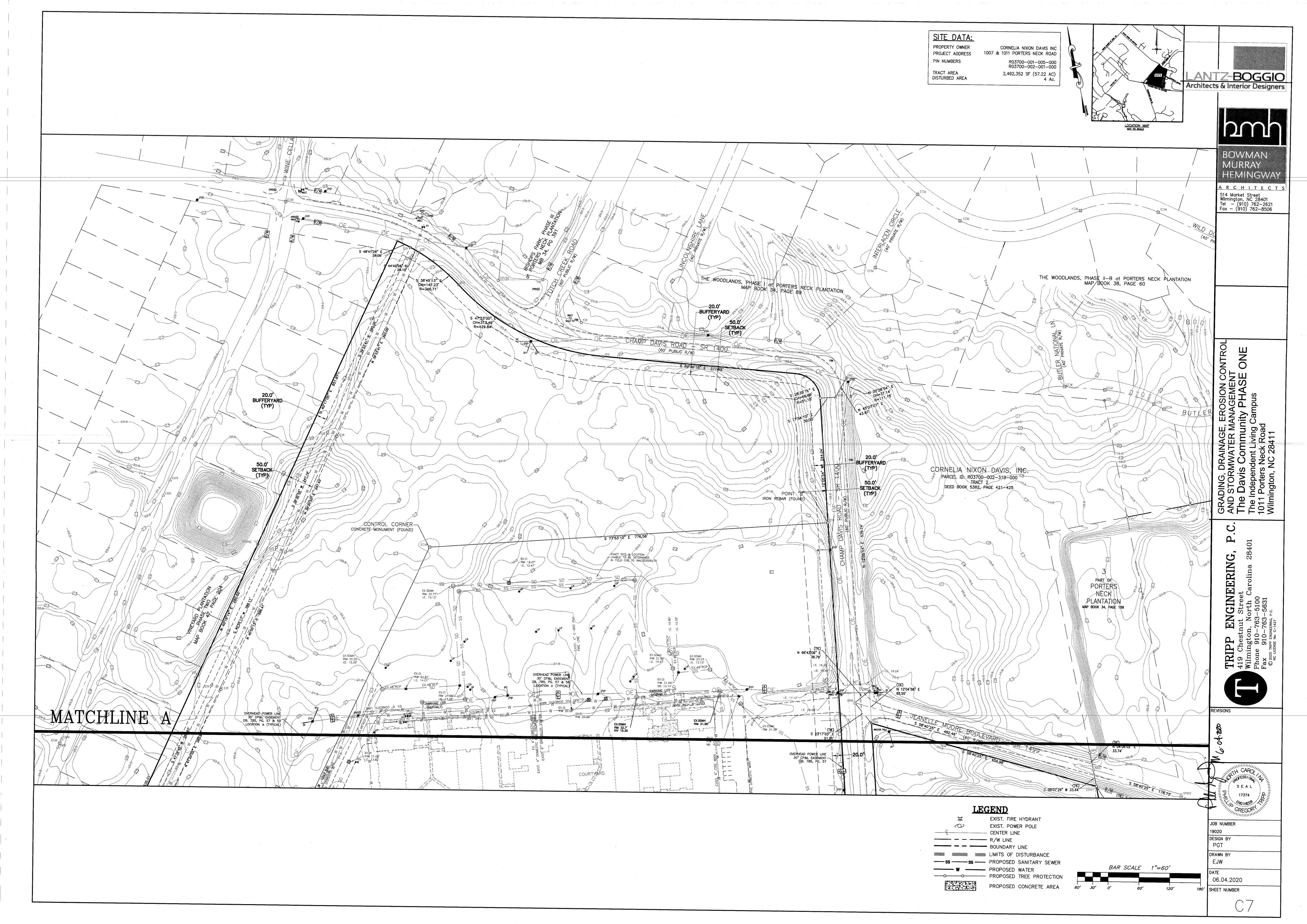












HEMINGWA' ARCHITECT 514 Market Street Wilmington, NC 28401

Tel - (910) 762-2621 Fax - (910) 762-8506

SEAL

OB NUMBER 19020 DESIGN BY PGT DRAWN BY EJW

06.04.2020

SHEET NUMBER

. INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS UNLESS A SITE-SPECIFIC

EXEMPTION IS APPROVED. 5. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST. 6. ELECTRONICALLY AVAILABLE RECORDS MAY BE SUBSTITUTED UNDER CERTAIN CONDITIONS.

. SAME RAIN GAUGE AND INSPECTIONS AFTER 0.5" RAIN EVENT. . INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS".

2. USE ONLY DWQ-APPROVED FLOCCULENTS.

BUILDING WASTE HANDLING

1. NO PAINT OR LIQUID WASTES IN STREAMS OR STORM DRAINS. NO REASONABLE ALTERNATIVES AVAILABLE.

OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS. . ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND 9. FLOCCULATES WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY. GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN

THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING

LEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS

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.

EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND

THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE

EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS

THE CONTRACTOR SHALL FIELD VERIEY ALL DIMENSIONS AT THE SITE. FURTHERMORE

THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT

THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER

5. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES.

METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY

ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARDS INCLUDING

WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE BARRICADES, SIGNS, LIGHTS

OR OTHER TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH NCDOT

ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. THE CONTRACTOR SHALL REPORT

ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE

. CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III WITH RUBBER GASKETED JOINTS

CHLORINATED RUBBER ALKYD, FS TT-P-115, TYPE III, FACTORY MIXED, QUICK DRYING,

9. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A

NON BLEEDING. REFLECTIVE MATERIAL MAY BE ADDED AT OWNER'S OPTION FOR

. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE

22. FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR

______ FOR ADDITIONAL REQUIREMENTS.

. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR

NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED

INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING

INSTALL ALL SECONDARY EROSION CONTROL MEASURES AS SOON AS POSSIBLE AFTER BEGINNING

T FENCE AND INLET PROTECTION ARE TO BE CLEANED WHEN 0.5 FEET OF SEDIMENT HAVE

ACCUMULATED IN FRONT OF THE DEVICE OR WHEN THEY LEAK OR FAIL. SEDIMENT TRAPS ARE

DURING CONSTRUCTION. REMOVE ACCUMULATION OF SILT AS REQUIRED TO ALLOW PROPER FUNCTIONING. RESTORE POND TO DESIGN LEVELS AT THE COMPLETION OF CONSTRUCTION. F APPLICABLE, INSTALL DROP INLETS WITH INLET PROTECTION TO ACT AS SILT TRAPS

DURING CONSTRUCTION. REMOVE ACCUMULATED SILT AS NEEDED TO PREVENT SILT FROM

REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. ALL PERMANENT MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT COMPLETION.

ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN

ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALL'

TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 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

SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL

BE CLEANED OR REPLACED WHEN 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

4. DIVERSION DITCHES WILL BE CLEANED OUT IMMEDIATELY TO REMOVE SEDIMENT OR OBSTRUCTIONS

FROM 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 WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED.

STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE

THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST

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

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

SEDIMENT WILL BE REMOVED FROM SEDIMENT TRAPS WHEN THE DESIGNED STORAGE CAPACITY HAS

BEEN HALF FILLED WITH SEDIMENT. THE ROCK WILL BE CLEANED OR REPLACED WHEN

THE SEDIMENT POOL NO LONGER DRAINS OR WHEN THE ROCK IS DISLODGED. BAFFLES

WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE. TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED WHEN

DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.

SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE DESIGN STORAGE CAPACITY HAS

REPLACED IF THEY TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED

PROMPTLY. SEDIMENT WILL BE REMOVED FROM BAFFLES WHEN DEPOSITS REACH HALF

ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING

TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE

THE HEIGHT OF THE 1ST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND

VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL

BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT

POOL NO LONGER DRAINS OR IF THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR

A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.

MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS

ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.

ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS.

ONCE A WEEK AND AFTER EVERY RAIN EVENT.

IF APPLICABLE, CONSTRUCT PROPOSED RETENTION POND TO ACT AS A SEDIMENT BASIN

INSTALL STORM DRAIN PIPING AND INLETS WITH INLET PROTECTION, TO COLLECT RUNOFF AND DIVERT TO

BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, CHECK DAMS, ETC.

BY THE OWNER. FURTHER TESTING REQUIRED DUE TO A FAILED TEST WILL BE

THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.

EXISTING SURVEYING PERFORMED BY DANFORD AND ASSOCIATES AND SUPPLIED BY THE OWNER.

THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL

IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE

THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/

RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH

14. ALL PVC UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVFR

OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS.

AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF

MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL

THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED

CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE.

OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.

REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.

DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL

FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT.

FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.

PROPERLY PERMITTED FACILITY AS REQUIRED.

HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.

TO MAINTAIN SAFETY AND TWO WAY TRAFFIC

20. DUCTILE IRON SHALL BE CLASS 50.

PAID FOR BY THE CONTRACTOR.

23. SEE GEOTECHNICAL REPORT NO.

CONSTRUCTION SEQUENCE

SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.

STRENGTH OF 3000 PSI @ 28 DAYS - AIR ENTRAINED.

EVERY RUN OF 3 FEET (1 VERTICAL TO 3 HORIZONTAL)

CLEANED OUT AS STATED OR WHEN HALF FULL.

SEDIMENT BASIN. (DETENTION POND TO ACT AS SEDIMENT BASIN)

ALL EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN

APPROPRIATE PERSONNEL

PRIOR TO INSTALLATION.

AT FINAL GRADE

REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY

2. DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.

3. EARTHEN-MATERIALS STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS

THORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS 4. CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATERS. WETLANDS OR GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER INSPECTIONS

1. SAME WEEKLY INSPECTION REQUIREMENTS.

<u>SEDIMENT BASINS</u>
1. OUTLET STRUCTURES MUST WITHDRAW FROM BASIN SURFACE UNLESS DRAINAGE AREA IS LESS THAN 1

NPDES—SPECIFIC PLAN SHEETS NOTES

1. THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000.

2. THIS PAGE CAN BE APPROVED BY THE COUNTY PURSUANT TO NPDES GENERAL STORMWATER PERMIT 3. THIS PAGE OF THE APPROVED PLANS IS ENFORCEABLE EXCLUSIVELY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000. 4. THE COUNTY IS NOT AUTHORIZED TO ENFORCE THIS PAGE OF THE PLANS AND IT IS NOT A PART OF THE APPROVED PLANS FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE COUNTY CODE.

19-GAUGE HARDWARE CLOTH
(1/4 MESH OPENINGS) 4° MAX. ISTRUCTION SPECIFICATIONS:
UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING (# OR GREATER) RAINFALL EVENT. CLEAR THE F ANY DEBRIS OR OTHER OBJECTS TO PROVIDE LOW FOR SUBSEQUENT RAINS. TAKE CARE NOT OR UNDERCUT THE WIRE MESH DURING NOVAL. REPLACE STOME AS NEEDED. ARDWARE CLOTH AND GRAVEL INLET PROTECTION

EMPORARY SEEDING SPECIFICATION

SEEDING MIXTURE

Piedmont and Coastal Plain, Korean in Mountains)

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

in the Pledmont and mountains, a

Mountains - Above 2500 ft: Feb. 15-May 15 Below 2500 ft: Feb. 1-May 1

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

50 LB/ACRE 10-10-10 FERTILIZER.

OLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY

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 ANCHORING TOOL

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT GRASSING DETAIL

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000-5,000 Ib/acre Ground Agriculture Limestone (Use the Lower RATE ON SANDY SOILS) AND 1,000 Ib/acre 10-10-10 FERTILIZER.

NEEDED.
FEMILIZE ACCORDING TO SOIL TESTS OR APPLY 40 LF/ACRE NITROGEN IN JANUARY OR FEBRUARY, 40 LB IN SEPTEMBER AND 40 LB IN NOVEMBER, FROM A 12-4-8, 18-4-8, OR SIMILAR TURF FERTILIZER. AVOID FEMILIZER APPLICATIONS DURING WARM WEATHER, AS THIS INCREASES STRILIZER APPLICATIONS DURING WARM WEATHER, AS THIS INCREASES SEMILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY. MOW TO A HEIGHT OF 2.5-3.5 INCHES AS NEEDED.

LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.

7 DAYS FOR SLOPES

IN LENGTH

HQW ZONES)

SOIL AMENDMENTS

MAINTENANCE

TALL FESCUE
(BLEND OF 2 OR 3 IMPROVED VARIETIES)

SEEDING NOTES (SPRING-SUMMER)

SEEDING MIXTURE

SEEDING DATES

SOIL AMENDMENTS

PERIMETER DIKES, SWALES, DITCHES AND SLOPES

SLOPES STEEPER THAN 3:1

ALL OTHER AREAS

WITH SLOPES FLATTER THAN 4:1

14 DAYS

NPDES GROUND STABILIZATION CRITERIA

<u>SITE POLLUTANTS NOTES</u> 1. LOCATE AREAS DEDICATED FOR MANAGEMENT OF LAND CLEARING

AND DEMOLITION DEBRIS. CONSTRUCTION AND DOMESTIC WASTE. AN

HAZARDOUS OR TOXIC WASTE. THIS LOCATION SHALL BE AT LEAST

50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS

IT CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY

2. DUMPING OF PAINT OR OTHER LIQUID BUILDING MATERIAL WASTES

MANAGEMENT AND DISPOSAL OF LITTER AND SANITARY WASTE FROM

AWAY FROM STORM DRAIN INLETS AND SURFACE WATERS UNLESS IT

5. CONCRETE MATERIALS ONSITE, INCLUDING EXCESS CONCRETE, MUST

WATERS, WETLANDS OR BUFFERS. NO CONCRETE OR CEMENT SLURRY

E CONTROLLED AND MANAGED TO AVOID CONTACT WITH SURFACE

S. ANY HARDENED CONCRETE RESIDUE WILL BE DISPOSED OF, OR

WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR

PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE

ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1)

CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.

ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY

R PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS

PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM

IE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:
EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING

THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER

WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1, THE

7-DAY REQUIREMENT APPLIES.
iii. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM

v. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE

COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE

7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS

ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND

vi. FOR PORTIONS OF PROJECTS WITHIN THE SEDIMENT CONTROL

0105). STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS

SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE

SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING

COMMISSION-DEFINED "HIGH QUALITY WATER ZONE" (15A NCAC 04A.

ii. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY

CONDITIONS—IN MEETING THE STABILIZATION REQUIREMENTS ABOVE

RECYCLED ON SITE, IN ACCORDANCE WITH LOCAL AND STATE SOLID

7. SOIL STABILIZATION SHALL BE ACHEIVED ON ANY AREA OF A SITE

SHALL BE DISCHARGED FROM THE SITE

THAT MAKE COMPLIANCE IMPRACTICABLE.

ALLOWED ON A CASE-BY-CASE BASIS.

7-DAY GROUND COVER REQUIREMENT.

CAN BE SHOWN THAT NO OTHER ALTERNATIVES ARE REASONABLY

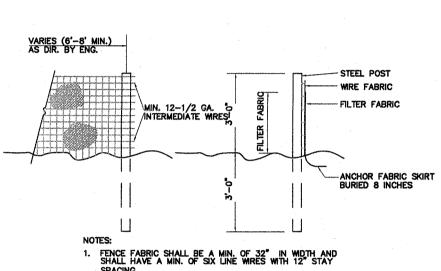
4. LOCATE EARTHEN-MATERIAL STOCK PILE AREAS AT LEAST 50'

IN STORM DRAINS IS PROHIBITED.

3. LITTER AND SANITARY WASTE—THE PERMITTEE SHALL CONTROL THE

WATER (HQW) ZONES

SPECIES



3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE.

TEMPORARY SILT FENCE

TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE

|-| s|--------|

BASIC INSTALLATION GUIDELINES THESE QUIDELINES ARE RECOMMENDATIONS ONLY, ANY QUESTIONS ABOUT THE INSTALLATION SHOULD BE CONFIRMED WITH YOUR LOCAL DISTRIBUTION.

THESE GUIDELINES ARE RECOMMENDATIONS ORLY. ANY QUESTIONS AROU IT IN PROPERTY STORMS THE SOUR SUPPLIES AND COMMENT THE UP-SLOPE

1. PREPARE THE SON, SURFACE INCLUDING RAKING, SEEDING, AND FERTILIZING.

2. BEGIN THE INSTALLATION PROCESS BY DOOMS A TRENCH OF DEEP BY 6" MINE AT THE TOP OF THE SLOPE, PLACE 12" OF BLANKET OVER THE UP-SLOPE
APPLY SEED AND COLD THE REMAINS 12" OF BLANKET OVER SOUR STITLE WHICH STAPLES PLACED 12" APART ACROSS THE WORTH OF THE BLANKET,
SEE DIAGRAM A)

3. ROLL THE BLANKET WERTINGLY DOWN THE SLOPE, SEQURE USING THE APPROPRIATE STAPLE PATERN SHOWN HEREON SPECIFIED BY SLOPES,
A PAYMALLE BLANKETS WISTED OVERTHER BY A REMAIN 4" AND BECKING WITH SEPACES PLACED APPROXIMATELY 3"—APART, (SEE DIAGRAM B)

5. ROLL THE BLANKET WERTINGLY DOWN THE SLOPE, SEQURE USING THE APPROPRIATE STAPLE PATERN SHOWN HEREON SPECIFIED BY SLOPES,
A PAYMALLE BLANKETS WISTED OVERTHER BY A REMAIN 4" OVERLAPPING (SHINGLE STYLE) IN THE OBJECTION OF WISTE FLOW. COMMENT THE
BLANKET SET USING STREAMS APPLY SAFPONDAMINELY 12" AND ATTACKS THE WORTH OF MINERALS, AS "DEEP BY 6" WINE TRENCH IS MORE, THE BLANKET IS PLACED
AT THE BROTTOM OF THE TRENCH AND COVERED WITH APPROXIMATION 2" OF SILL THE BLANKET, IS CREAMED TO THE TRENCH APPLY SEED AND COMMENT
AT THE SETTION OF THE TRENCH AND COVERED WITH APPROXIMATION 2" OF SILL THE BLANKET, IS CREAMED THE TRENCH APPLY SEED AND COMMENT
AT THE SETTION OF THE TRENCH APPLY SEED AND COMMENT
THE SETTION OF THE TRENCH AND COVERED WITH APPROXIMATION OF STAPLES PLACED AT 12" INTERNALS, (SEE DIAGRAM F)

7. THE END OF BLANKET MUST BE SECURED IN A 6" X 6" TRENCH WITH A ROW OF STAPLES PLACED AT 12" INTERNALS, (SEE DIAGRAM F)

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 03/01/19

a) Each E&SC Measure has been installed | Initial and date each E&SC Measure on a copy Inspection records must include [40 CFR 122.41]: They cause sheen on surface waters (regardless of volume), or and does not significantly deviate from the of the approved E&SC Plan or complete, date They are within 100 feet of surface waters (regardless of volume). locations, dimensions and relative and sign an inspection report that lists each Plan. This documentation is required upon Releases of hazardous substances in excess of reportable quantities under Section 311 of (1) Rain the initial installation of the E&SC Measures or Daily rainfall amounts the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA if the E&SC Measures are modified after initial If no daily rain gauge observations are made durin (Ref: 40 CFR 302.4) or G.S. 143-215.85. maintained in weekend or holiday periods, and no individual-day rainfa good working information is available, record the cumulative rain (b) A phase of grading has been Initial and date a copy of the approved E&SC neasurement for those un-attended days (and this will b) Anticipated bypasses and unanticipated bypasses. Plan or complete, date and sign an inspection letermine if a site inspection is needed). Days on which no report to indicate completion of the rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device Noncompliance with the conditions of this permit that may endanger health or the approved by the Division. c) Ground cover is located and Initial and date a copy of the approved E&SC At least once Identification of the measures inspected installed in accordance with the Plan or complete, date and sign an inspection Measures per 7 calendar Date and time of the inspection. approved E&SC Plan. report to indicate compliance with approved days and within | 3. Name of the person performing the inspection, 2. Reporting Timeframes and Other Requirements ground cover specifications. 24 hours of a 4. Indication of whether the measures were operating After a permittee becomes aware of an occurrence that must be reported, he shall contact the (d) The maintenance and repair Complete, date and sign an inspection report rain event > 1.0 appropriate Division regional office within the timeframes and in accordance with the other requirements for all E&SC Measures 5. Description of maintenance needs for the measure requirements listed below. Occurrences outside normal business hours may also be have been performed. . Corrective actions taken, and reported to the Division's Emergency Response personnel at (800) 662-7956, (800) Date of actions taken. Initial and date a copy of the approved E&SC (e) Corrective actions have been 858-0368 or (919) 733-3300. . Identification of the discharge outfalls inspected, taken to E&SC Measures. Plan or complete, date and sign an inspection per 7 calendar Date and time of the inspection. report to indicate the completion of the discharge days and within 3. Name of the person performing the inspection. corrective action. Reporting Timeframes (After Discovery) and Other Requirements 24 hours of a 4. Evidence of indicators of stormwater pollution such a (SDOs) rain event > 1.0 oil sheen, floating or suspended solids or discoloration, sediment • Within 7 calendar days, a report that contains a description of the inch in 24 5. Indication of visible sediment leaving the site, . Additional Documentation deposition in a sediment and actions taken to address the cause of the deposition. 5. Actions taken to correct/prevent sedimentation, and In addition to the E&SC Plan documents above, the following items shall be kept on the site stream or wetland Division staff may waive the requirement for a written report on a Date of actions taken. and available for agency inspectors at all times during normal business hours, unless the If visible sedimentation is found outside site limits, then a case-by-case basis. Division provides a site-specific exemption based on unique site conditions that make this per 7 calendar record of the following shall be made: If the stream is named on the NC 303(d) list as impaired for sedimentrequirement not practical: days and within 1. Actions taken to clean up or stabilize the sediment that 24 hours of a has left the site limits. monitoring, inspections or apply more stringent practices if staff (a) This general permit as well as the certificate of coverage, after it is received. rain event > 1.0 | 2. Date of actions taken, and determine that additional requirements are needed to assure inch in 24 3. An explanation as to the actions taken to control future compliance with the federal or state impaired-waters conditions. (b) Records of inspections made during the previous 30 days. The permittee shall record Within 24 hours, an oral or electronic notification. The (5) Streams At least once If the stream or wetland has increased visible the required observations on the Inspection Record Form provided by the Division or a notification shall include information about the date, time, nature. release of per 7 calendar sedimentation or a stream has visible increased turbidity similar inspection form that includes all the required elements. Use of hazardous volume and location of the spill or release. days and within from the construction activity, then a record of the electronically-available records in lieu of the required paper copies will be allowed if substances per offsite (where | 24 hours of a | following shall be made: shown to provide equal access and utility as the hard-copy records. Item 1(b)-(c) accessible) rain event > 1.0 | 1. Evidence and actions taken to reduce sediment inch in 24 contributions, and All data used to complete the Notice of Intent and older inspection records shall be A report at least ten days before the date of the bypass, if 2. Records of the required reports to the appropriate maintained for a period of three years after project completion and made available bypasses [40 CFR possible. The report shall include an evaluation of the anticipated Division Regional Office per Part III, Section C, Item upon request [40 CFR 122.41] quality and effect of the bypass. (2)(a) of this permit of this permit. Within 24 hours, an oral or electronic notification. NOTE: The rain inspection resets the required 7 calendar day inspection requirement. bypasses [40 CFR Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass. (e) Noncompliance • Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, permit that may including exact dates and times, and if the noncompliance has not endanger health or been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(1)(6). CFR 122.41(I)(7)] • Division staff may waive the requirement for a written report on a case-by-case basis. NORTH CAROLINA

Environmental Quality

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH

mplementing the details and specifications on this plan sheet will result in the construction

activity being considered compliant with the Ground Stabilization and Materials Handling

sections of the NCG01 Construction General Permit (Sections E and F, respectively). The

delegated authority having jurisdiction. All details and specifications shown on this sheet

may not apply depending on site conditions and the delegated authority having jurisdiction.

Temporary and Permanent Groundcover*

STABILIZATION TIMEFRAMES

STABILIZATION

*-For Falls Lake watershed, in disturbed areas where grading activities are incomplete, provide

temporary groundcover no later than seven (7) days for slopes steeper than 3:1; ten (10) days for

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the

Temporary grass seed covered with straw or
 Permanent grass seed covered with straw or

Appropriately applied straw or other mulch
 Shrubs or other permanent plantings covered

Select flocculants that are appropriate for the soils being exposed during

construction, selecting from the NC DWR List of Approved PAMS/Flocculants

PAMS/Flocculants and in accordance with the manufacturer's instructions.

Apply flocculants at or before the inlets to Erosion and Sediment Control Measures

Apply flocculants at the concentrations specified in the NC DWR List of Approved

Provide ponding area for containment of treated Stormwater before discharging

SELF-INSPECTION, RECORDKEEPING AND REPORTING

Self-inspections are required during normal business hours in accordance with the table

below. When adverse weather or site conditions would cause the safety of the inspection

personnel to be in jeopardy, the inspection may be delayed until the next business day on

which it is safe to perform the inspection. In addition, when a storm event of greater than

upon the commencement of the next business day. Any time when inspections were

Store flocculants in leak-proof containers that are kept under storm-resistant cover

other mulches and tackifiers

sufficient to restrain erosion

or retaining walls

Geotextile fabrics such as permanent soil

Uniform and evenly distributed ground cover

Structural methods such as concrete, asphalt

slopes equal to or flatter than 3:1: fourteen (14) days for areas with no slope.

TIMEFRAME EXCEPTIONS

If slopes are 10' or less in length and are

7 days for slopes greater than 50' in length.

None, except for perimeters and HQW Zone

SITE AREA DESCRIPTION

Perimeter dikes, swales, ditches, slopes

High Quality Water (HQW) Zones

Slopes steeper than 3:1

GROUND STABILIZATION SPECIFICATION

techniques in the table below:

other mulches and tackifiers

Plastic sheeting

All other areas with slopes flatter than 4:1 14 days

Temporary Stabilization

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

NORTH CAROLINA

🔊 Environmental Quality

delayed shall be noted in the Inspection Record.

or surrounded by secondary containment structures.

Slopes 3:1 or flatter

permittee shall comply with the Frosion and Sediment Control plan approved by the

EQUIPMENT AND VEHICLE MAINTENANC

. Provide drip pans under any stored equipment.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

or replace damaged waste containers.

Contain liquid wastes in a controlled area.

on a gravel pad and surround with sand bags.

waste produced.

PAINT AND OTHER LIQUID WASTE

construction sites.

foot traffic areas.

with properly operating unit.

five feet from the toe of stockpile.

Provide stable stone access point when feasible

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EARTHEN STOCKPILE MANAGEMEN

1. E&SC Plan Documentatio

Item to Document

described:

hazardous waste (recycle when possible).

Maintain vehicles and equipment to prevent discharge of fluids.

to a recycling or disposal center that handles these materials.

waters unless no other alternatives are reasonably available.

Empty waste containers as needed to prevent overflow.

waters unless no other alternatives are reasonably available.

8. Dispose waste off-site at an approved disposal facility.

Identify leaks and repair as soon as feasible, or remove leaking equipment from the

Remove leaking vehicles and construction equipment from service until the problem

Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products

Never bury or burn waste. Place litter and debris in approved waste containers.

Provide a sufficient number of waste containers on site to manage the quantity of

Locate waste containers at least 50 feet away from storm drain inlets and surface

Locate waste containers on areas that do not receive substantial amounts of runoff

from upland areas and does not drain directly to a storm drain, stream or wetland.

Do not dump paint and other liquid waste into storm drains, streams or wetlands.

Containment must be labeled, sized and placed appropriately for the needs of site.

Prevent the discharge of soaps, solvents, detergents and other liquid wastes from

Install portable toilets on level ground, at least 50 feet away from storm drains,

Monitor portable toilets for leaking and properly dispose of any leaked material.

streams or wetlands unless there is no alternative reasonably available. If 50 foot

offset is not attainable, provide relocation of portable toilet behind silt fence or place

Provide staking or anchoring of portable toilets during periods of high winds or in high

Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace

50 feet away from storm drain inlets, sediment basins, perimeter sediment controls

Protect stockpile with silt fence installed along toe of slope with a minimum offset of

Stabilize stockpile within the timeframes provided on this sheet and in accordance

SELF-INSPECTION, RECORDKEEPING AND REPORTING

The approved E&SC plan as well as any approved deviation shall be kept on the site. The

The following items pertaining to the E&SC plan shall be documented in the manner

approved E&SC plan must be kept up-to-date throughout the coverage under this permit.

Documentation Requirements

erosion on disturbed soils for temporary or permanent control needs.

with the approved plan and any additional requirements. Soil stabilization is defined

as vegetative, physical or chemical coverage techniques that will restrain accelerated

and surface waters unless it can be shown no other alternatives are reasonably

Locate paint washouts at least 50 feet away from storm drain inlets and surface

Anchor all lightweight items in waste containers during times of high winds.

Cover waste containers at the end of each workday and before storm events. Repair

CLEARLY MARKED SIGNAGE
NOTING DEVICE (18"X24" MIN)

BELOW GRADE WASHOUT STRUCTURE

approving authority.

. THE CONCRETE WASHOUT STRUCTURES SHALL SE JAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 5% OF THE STRUCTURES CAPACITY

Do not discharge concrete or cement slurry from the site.

and state solid waste regulations and at an approved facility.

types of temporary concrete washouts provided on this detail.

limits. Post signage on the washout itself to identify this location.

Dispose of, or recycle settled, hardened concrete residue in accordance with local

addition place the mixer and associated materials on impervious barrier and within

Install temporary concrete washouts per local requirements, where applicable. If an

review and approval. If local standard details are not available, use one of the two

Do not use concrete washouts for dewatering or storing defective curb or sidewalk

sections. Stormwater accumulated within the washout may not be pumped into or

discharged to the storm drain system or receiving surface waters. Liquid waste must

Locate washouts at least 50 feet from storm drain inlets and surface waters unless it

can be shown that no other alternatives are reasonably available. At a minimum,

install protection of storm drain inlet(s) closest to the washout which could receive

entrance pad in front of the washout. Additional controls may be required by the

Install at least one sign directing concrete trucks to the washout within the project

Remove leavings from the washout when at approximately 75% capacity to limit

components when no longer functional. When utilizing alternative or proprietary

. At the completion of the concrete work, remove remaining leavings and dispose of

in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance

Store and apply herbicides, pesticides and rodenticides in accordance with label

Store herbicides, pesticides and rodenticides in their original containers with the

Do not store herbicides, pesticides and rodenticides in areas where flooding is

Place hazardous waste containers under cover or in secondary containment

Do not store hazardous chemicals, drums or bagged materials directly on the ground.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

They are less than 25 gallons but cannot be cleaned up within 24 hours,

or surface water. If a spill occurs, clean area immediately.

Create designated hazardous waste collection areas on-site.

possible or where they may spill or leak into wells, stormwater drains, ground water

overflow events. Replace the tarp, sand bags or other temporary structural

Locate washouts in an easily accessible area, on level ground and install a stone

alternate method or product is to be used, contact your approval authority for

Manage washout from mortar mixers in accordance with the above item and in

3.CONCRETE WASHOUT STRUCTURE REEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

be pumped out and removed from project.

products, follow manufacturer's instructions.

caused by removal of washout.

IERBICIDES, PESTICIDES AND RODENTICIDES

. Do not stockpile these materials onsite.

accidental poisoning.

HAZARDOUS AND TOXIC WASTE

1. Occurrences that must be reported

They are 25 gallons or more,

Permittees shall report the following occurrences:

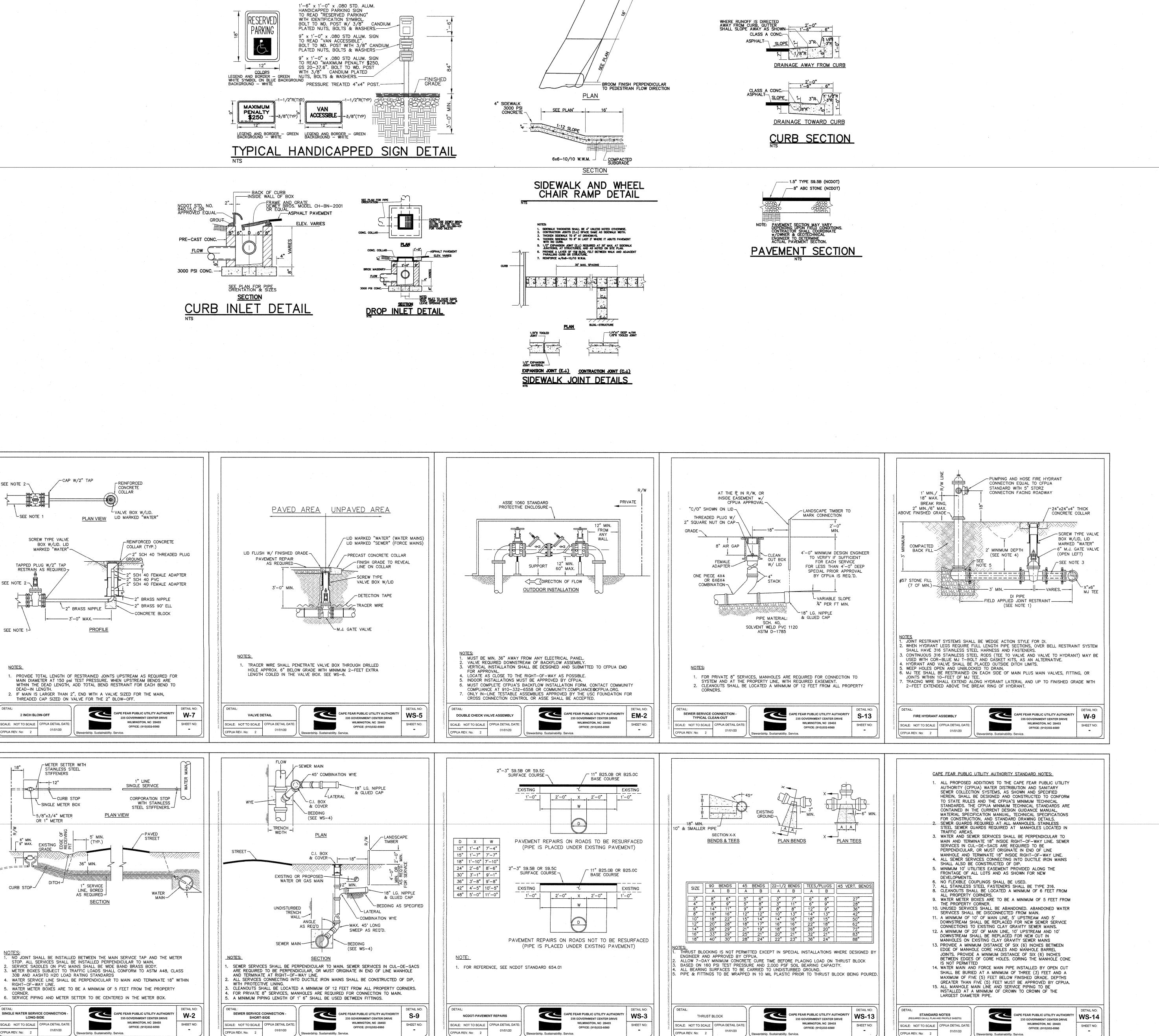
(a) Visible sediment deposition in a stream or wetland.

CLEARLY MADKED SIGNAGE NOTING DEVICE (18"X24" MIN.)

ABOVE GRADE WASHOUT STRUCTURE

3.CONCRETE WASHOUT STRUCTURE NEED TO BE CLEARY MARKED WITH SIGNAGE WOUNG DEVICE

Collect all spent fluids, store in separate containers and properly dispose as



LSEE NOTE 1

SEE NOTE 1

DEAD-IN LENGTH.

2 INCH BLOW-OFF

SCALE: NOT TO SCALE | CFPUA DETAIL DATE:

CFPUA REV. No: 2

SCREW TYPE VALVE

RESTRAIN AS REQUIRED 7

BOX W/LID. LID

PROFILE

THREADED CAP SIZED ON VALVE FOR THE 2" BLOW-OFF.

CURB STOP

SINGLE METER BOX

-5/8"x3/4" METER

DITCH-

30B AND AASHTO H20 LOAD RATING STANDARDS

01/01/20

AS REQUIRED-

SECTION

CURB STOP-

SINGLE WATER SERVICE CONNECTION -

SCALE: NOT TO SCALE | CFPUA DETAIL DATE:

CFPUA REV. No: 2

MARKED "WATER" -

ANTZ-BOGGIO Architects & Interior Designers

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SEAL 17374 NGINEEN

REVISIONS

JOB NUMBER 19020 DESIGN BY DRAWN BY EJW

06.04.2020 SHEET NUMBER