

INVENTORY OF TREES TO BE PROTECTED

TREE TYPE	TREE SIZE	QUANTITY	TOTAL DBH
GUM	18"	1	18
GUM	11"	1	11
GUM	9"	2	18
MAPLE	16"	1	16
CYPRESS	14"	1	14
CYPRESS	11"	1	11
CYPRESS	10"	2	20
PINE	17"	1	17
PINE	15"	1	15
PINE	13"	7	91
PINE	12"	2	24
PINE	8"	1	8
MAGNOLIA	8"	1	8
MAGNOLIA	4"	2	8
DOGWOOD	5"	1	5
HOLLY	11"	1	11
OAK	16"	1	16
OAK	13"	1	13
OAK	10"	1	10

NOTES:
TOTAL DBH = 334
334/6 = 56 TREES (CREDIT)

INVENTORY OF TREES TO BE REMOVED

TREE TYPE	TREE SIZE	QUANTITY
*GUM	20"	1
*GUM	14"	2
*GUM	12"	4
*GUM	11"	6
*GUM	9"	1
*GUM	8"	2
MAPLE	12"	1
MAPLE	10"	1
*CYPRESS	13"	2
*CYPRESS	12"	1
CYPRESS	7"	1
CHERRY	7"	1
PINE	20"	1
PINE	19"	1
PINE	18"	1
PINE	17"	2
PINE	16"	9
PINE	15"	11
PINE	14"	12
PINE	13"	8
PINE	12"	9
PINE	11"	1
PINE	10"	1

* SIGNIFICANT TREES

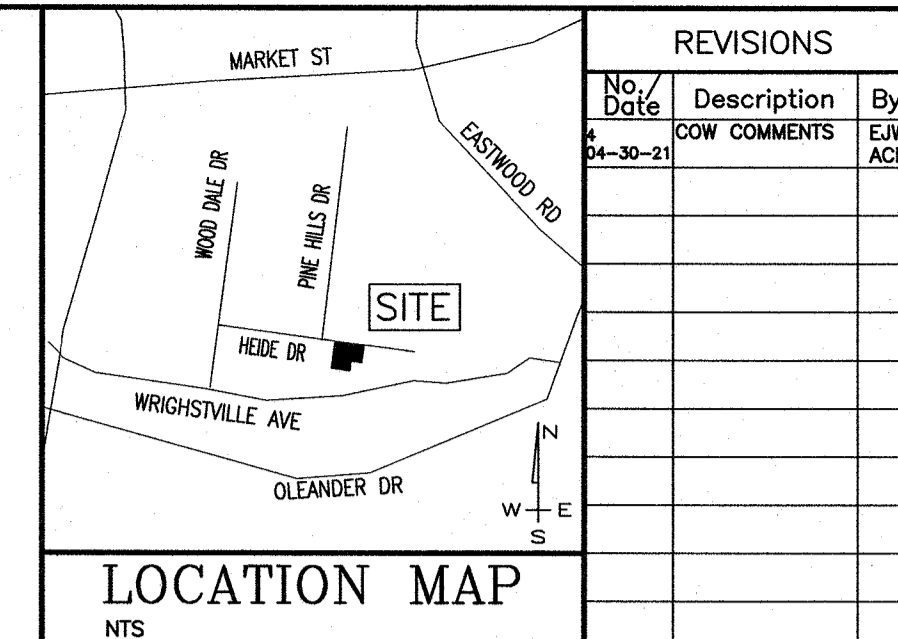
INVENTORY OF TREES TO BE REMOVED

TREE TYPE	TREE SIZE	QUANTITY
*MAGNOLIA	10"	1
*MAGNOLIA	9"	1
*MAGNOLIA	8"	1
*MAGNOLIA	7"	1
*MAGNOLIA	6"	1
*MAGNOLIA	5"	1
*MAGNOLIA	4"	4
*DOGWOOD	11"	1
*DOGWOOD	8"	1
DOGWOOD	7"	1
DOGWOOD	6"	1
DOGWOOD	4"	7
OAK	18"	1
OAK	16"	1
OAK	12"	2
OAK	11"	1
OAK	10"	2
OAK	9"	5
OAK	8"	4
OAK	7"	1
OAK	6"	1
OAK	3"	1
*HARDWOOD	8"	1

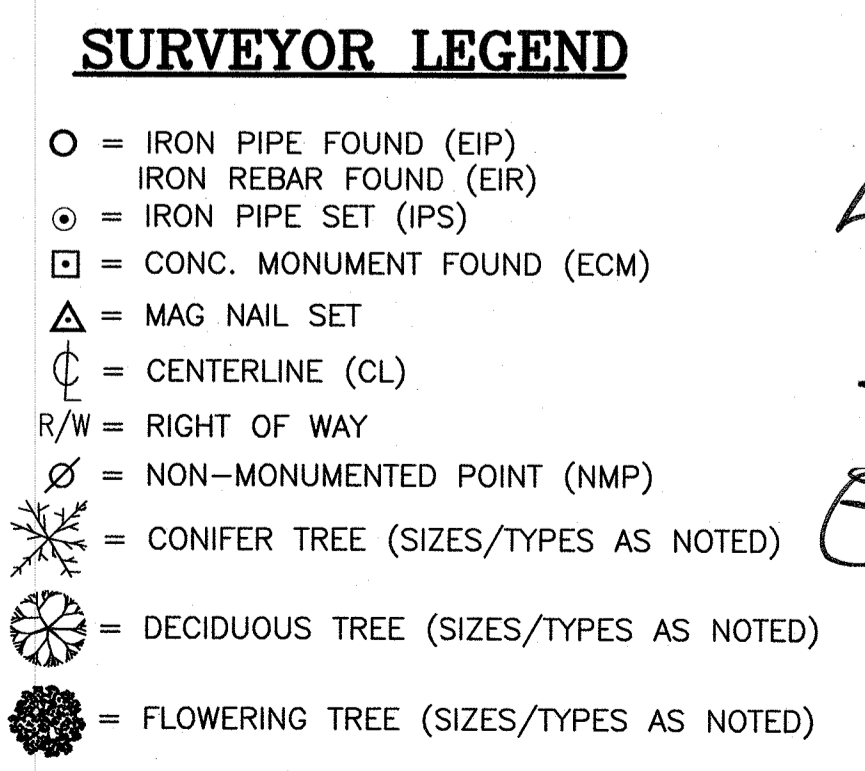
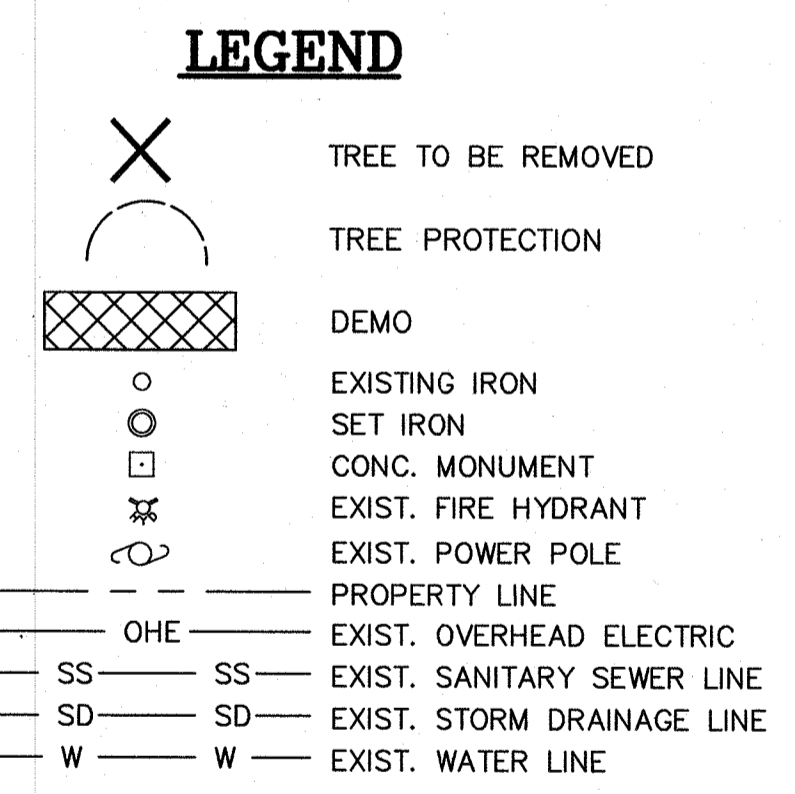
TREE MITIGATION CHART

TREE TYPE	TREE SIZE	# OF TREES	% MITIGATION	REPLACEMENT TREES REQUIRED
GUM	20"	1	75	(20x(0.75*2))/3=10
GUM	14"	2	75	(28x(0.75*2))/3=14
GUM	12"	4	75	(48x(0.75*2))/3=24
GUM	11"	6	75	(66x(0.75*2))/3=33
GUM	8"	2	75	(16x(0.75*2))/3=5.33
CYPRESS	13"	2	100	(26x(1*2))/3=17.33
CYPRESS	12"	1	100	(12x(1*2))/3=8
MAGNOLIA	10"	1	100	(10x(1*2))/3=6.67
MAGNOLIA	9"	1	100	(9x(1*2))/3=6
MAGNOLIA	8"	1	100	(8x(1*2))/3=5.33
DOGWOOD	8"	1	100	(8x(1*2))/3=5.33
DOGWOOD	11"	1	100	(11x(1*2))/3=7.33
HARDWOOD	8"	1	25	(8x(0.75*2))/3=4

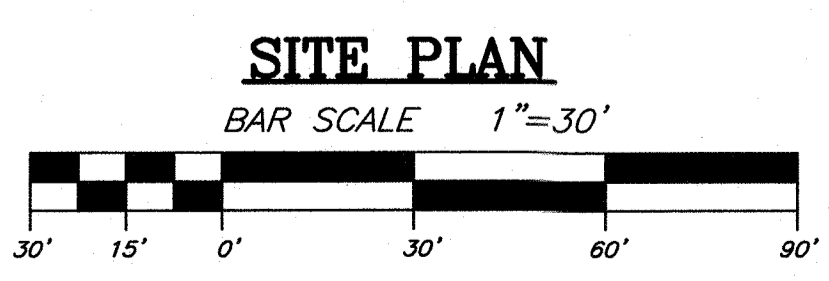
NOTES:
REPLACEMENT TREES REQUIRED = 145 TREES
TREE CREDIT = 56 TREES



- SITE INVENTORY NOTES:**
- PREPARER OF THE PLAN: TRIPP ENGINEERING, P.C.
 - APPLICANT NAME: WILLIAMS DEVELOPMENT GROUP, LLC LANDS
 - SITE ADDRESS OF THE DEVELOPMENT: HEIDE DRIVE
 - PROPERTY OWNER: STW PROPERTIES, LLC
 - DEVELOPER: WILLIAMS DEVELOPMENT GROUP
 - PROPERTY BOUNDARY: SEE PLAN
TAX PARCEL INFORMATION:
TRACT 2 PINE HILLS MAP BOOK 6 PAGE 59 DEED BOOK 5274 PAGE 613
TRACT 3 PINE HILLS MAP BOOK 6 PAGE 59 DEED BOOK 5274 PAGE 613
 - PROPERTY ZONING: R-10 RESIDENTIAL
PID: R05520-008-068-000
PID: R05520-008-067-000
52,272 SF / AC: 1.02
 - ADJACENT PROPERTY OWNER INFORMATION: SEE PLAN
 - VICINITY MAP: SEE PLAN
 - TOPOGRAPHY: SEE PLAN
 - 100-YEAR FLOOD BOUNDARY: N/A
 - EXISTING DITCHES, CREEKS AND STREAMS: SEE PLAN
 - SOIL: BH-HAYMEADE, MU-MURVILLE, SE-SEAGATE
 - CAMA AEC: N/A
 - CAMA LAND CLASSIFICATION: URBAN
 - CONSERVATION RESOURCES: NONE
ASSOCIATED SETBACKS: N/A
 - HISTORIC OR ARCHAEOLOGICAL SITE: N/A
 - CEMETERIES, BURIAL SITES/GROUNDS: N/A
 - FORESTED AREAS, HABITAT AND DOMINANT SPECIES: N/A
 - WETLANDS: SEE PLAN
 - PROTECTED SPECIES OR HABITAT: N/A
 - EXISTING OR PROPOSED THOROUGHFARES, BIKE ROUTES, PEDESTRIAN SIDEWALKS OR TRAILS AND TRANSIT FACILITIES: SEE SITE PLAN

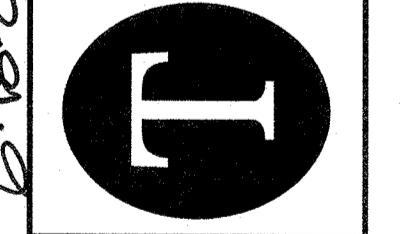


For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



SITE INVENTORY, DEMOLITION, AND TREE REMOVAL PLAN
WOODLAND PARK SUBDIVISION
 WILMINGTON, NORTH CAROLINA

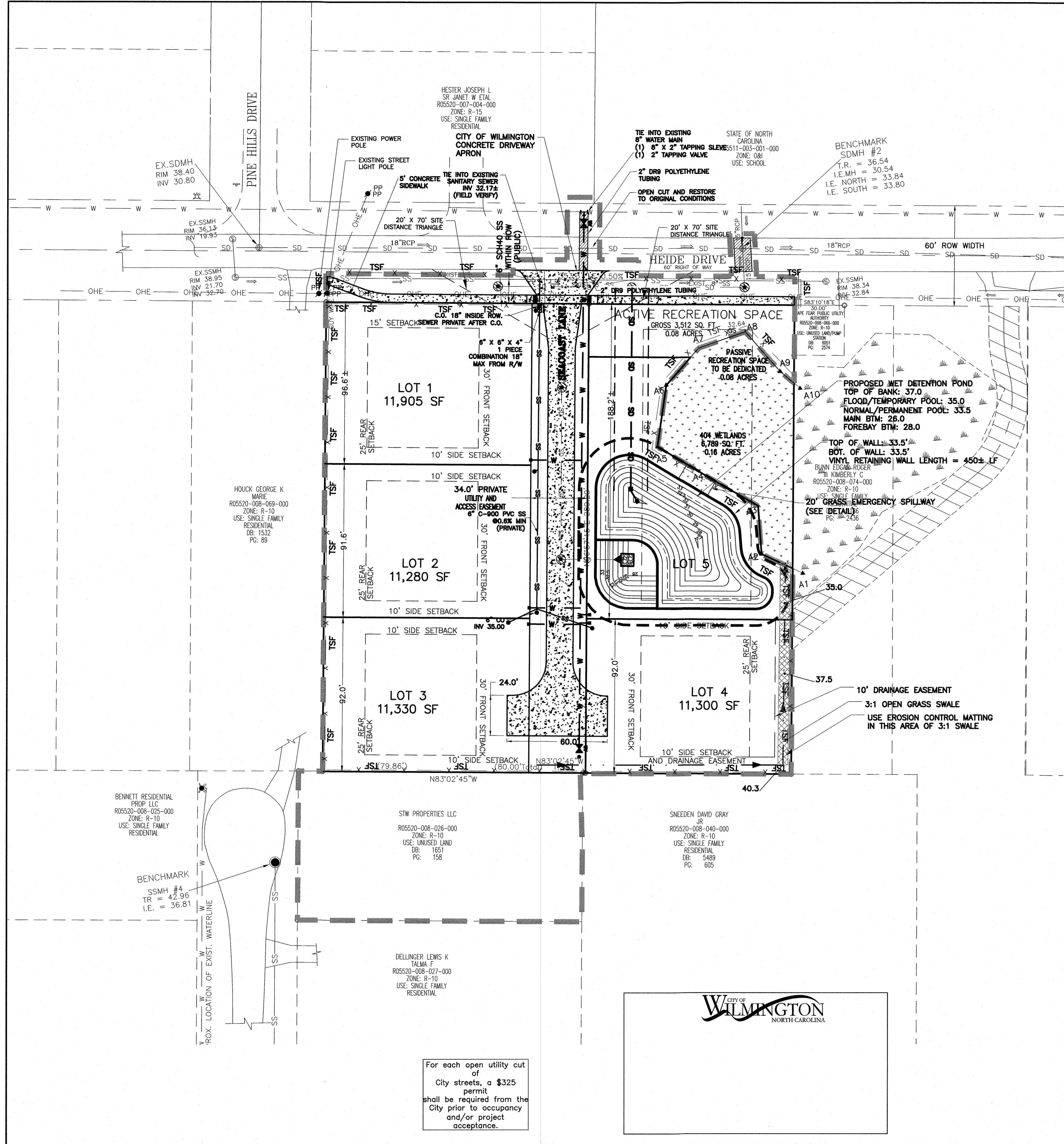
TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
 © LICENSE NO. E-1827



PROGRESS DRAWING
DO NOT USE FOR CONSTRUCTION

DATE 06-18-20
DESIGN PGT
DRAWN BJH

C1
SHEET 1 OF 7
19009



NOTES:

ZONING

- 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC.
- 2) PERMITTING OF SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
- 3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
- 4) EXISTING EASEMENTS AS SHOWN, PROPOSED EASEMENTS AS SHOWN.
- 5) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 6) UNDERGROUND FIRE LINE(S) MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0696.

SOLID WASTE

- 1) SITE TO USE ROLL OUT CARTS.

TRAFFIC

- 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- 2) IT SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIVIDER MAY ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
- 3) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
- 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
- 5) CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
- 6) ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
- 7) CONTACT TRAFFIC ENGINEERING AT 741-7888 TO DISCUSS STREET LIGHTING OPTIONS.
- 8) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- 9) NO ROWS TO BE CLOSED.
- 10) NO STREETS PROPOSED.
- 11) NO OFF SITE PARKING PROPOSED.
- 12) PRIVATE ACCESS EASEMENTS IS PROPOSED.
- 13) TRAFFIC ENGINEERING MUST APPROVE A PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
- 14) ALL PARKING STALL MARKING AND LANE ARROWS WITHIN THE PARKING AREA SHALL BE WHITE.
- 15) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
- 16) A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
- 17) 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 PLAT. (SD 15-14 CoW TECH STDS)

LANDSCAPING

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- 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.
- 3) PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- 4) ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
- 5) NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.

CFPUA

- 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 USFCOCCR OR ASSE.
- 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.

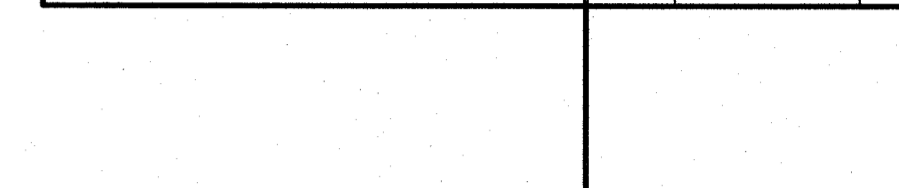
DRAINAGE

- 1) INVERTED CROWN TO DROP INLETS TO DETENTION POND.
- 2) ALL ONSITE LOT AND ACCESS EASEMENT DRAINAGE TO BE DIRECTED TO DETENTION POND.

FIRE AND LIFE SAFETY

ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

REVISIONS		
No./Date	Description	By
08-24-20	SHOW OPEN CUT	EJW
09-24-21	COW COMMENTS	EJW
04-30-21	COW COMMENTS	EJW



SITE DATA:

PIN NUMBERS	PID: R05520-008-068-000 PID: R05520-008-067-000
PROPERTY OWNER	STW PROPERTIES, LLC
PROJECT ADDRESS	5030 HEIDE DR. 5032 HEIDE DR.
TRACT AREA	78,457 SF (1.80 AC)
ZONING DISTRICT	R-10
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE	
CAMA LAND USE	URBAN
PROPOSED ZONING	R-10
PROPOSED USE SQUARE FOOTAGE(S) OF USE(S)	N/A
NUMBER OF UNITS/BEDROOMS	8/20
BUILDING CONSTRUCTION TYPE	TBD
BUILDING LOT COVERAGE PERCENTAGE	
LOT 1	16%
LOT 2	16%
LOT 3	16%
LOT 4	21%
BUILDING HEIGHT / # OF STORIES	1
SF PER FLOOR	2,850 SF
BUILDING SETBACKS - REQUIRED AND PROPOSED	
	REQUIRED
	FRONT: 30 FT
	SIDE: 10
	REAR: 25
	PROPOSED
	FRONT: 30 FT
	SIDE: 10
	REAR: 25
PARKING SPACES	N/A
EXISTING IMPERVIOUS AREA	0 SF
PROPOSED ON SITE IMPERVIOUS AREA	24,760 SF
LOTS (6,190 SF PER LOT)	
ACCESS ROAD	4,920 SF
SIDEWALK	2,020 SF
FUTURE	1,225 SF
TOTAL	32,925 SF
PROPOSED OFF SITE IMPERVIOUS CONCRETE	2,013 SF
	.05 AC
DISTURBED AREA	92,898 SF (2.13 AC)
NUMBER OF UNITS	4 LOTS
RECREATION AREA - (0.03 AC/UNIT) (4 UNITS X .03) = 0.12 AC REQ'D	
** 0.08 AC. ACTIVE PROVIDED **	
** 0.08 AC. PASSIVE PROVIDED **	

LEGEND

X 14PINE	EXISTING TREE TO BE REMOVED
TSF x TSF	LIMITS OF DISTURBANCE
TSF	TEMPORARY SILT FENCE
⊗	EXIST. FIRE HYDRANT
---	R/W LINE
---	BOUNDARY LINE
---	STORMWATER
SS	PROPOSED SANITARY SEWER
W	PROPOSED WATER
█	PROPOSED CONCRETE

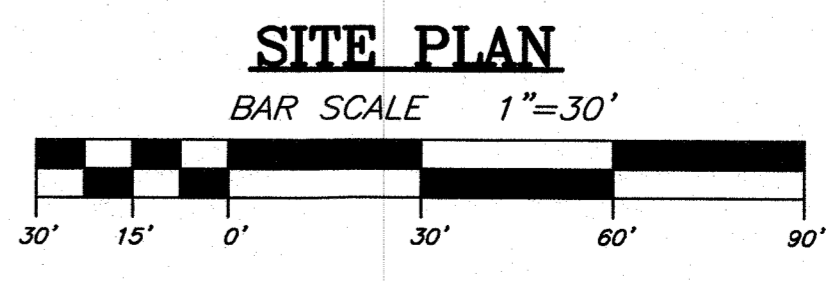
TRIPP ENGINEERING, P.C.
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PROGRESS DRAWING
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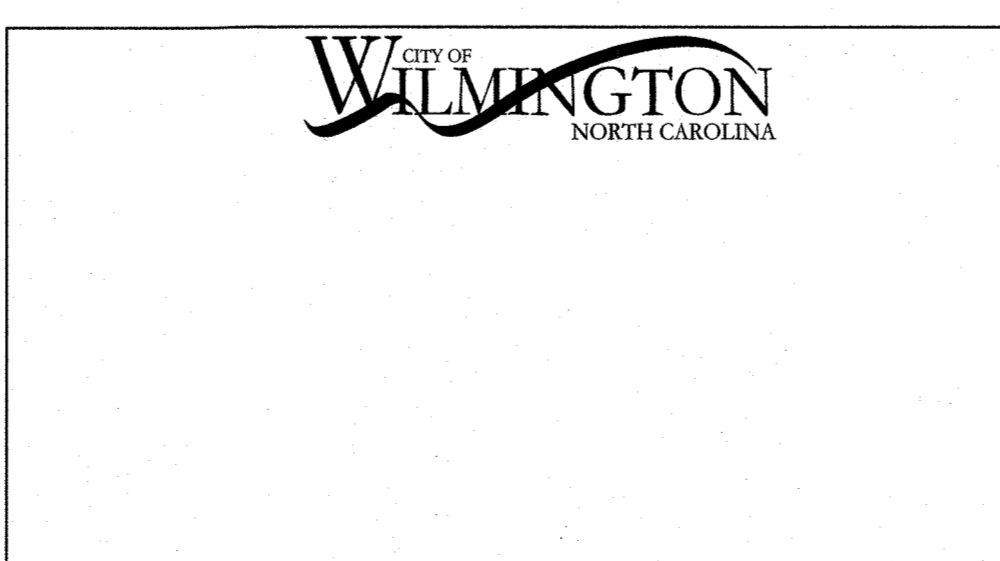
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DESIGN PGT
DRAWN BJH

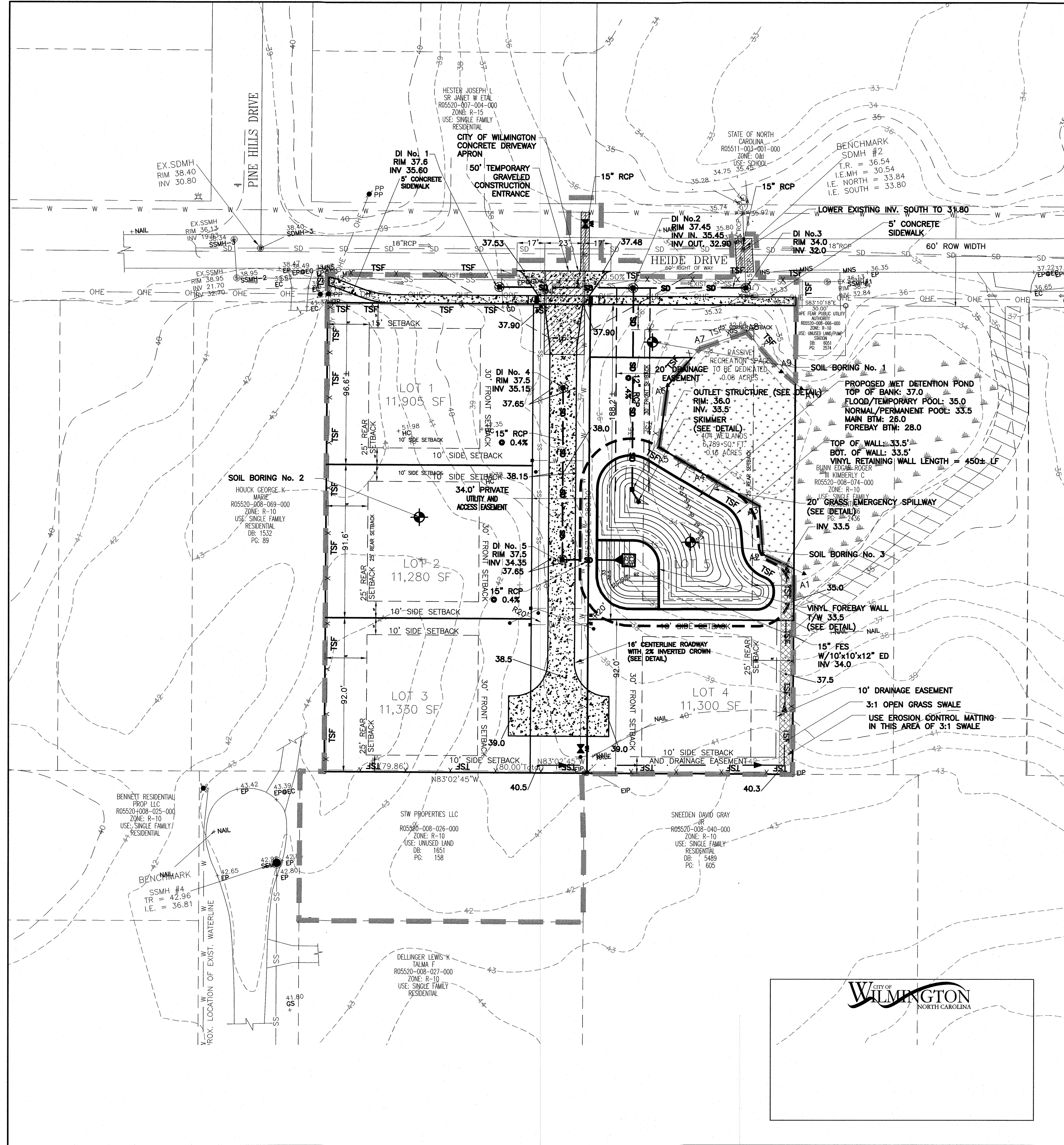
C2

SHEET 2 OF 7
19009



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NOTES:

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CEPWA

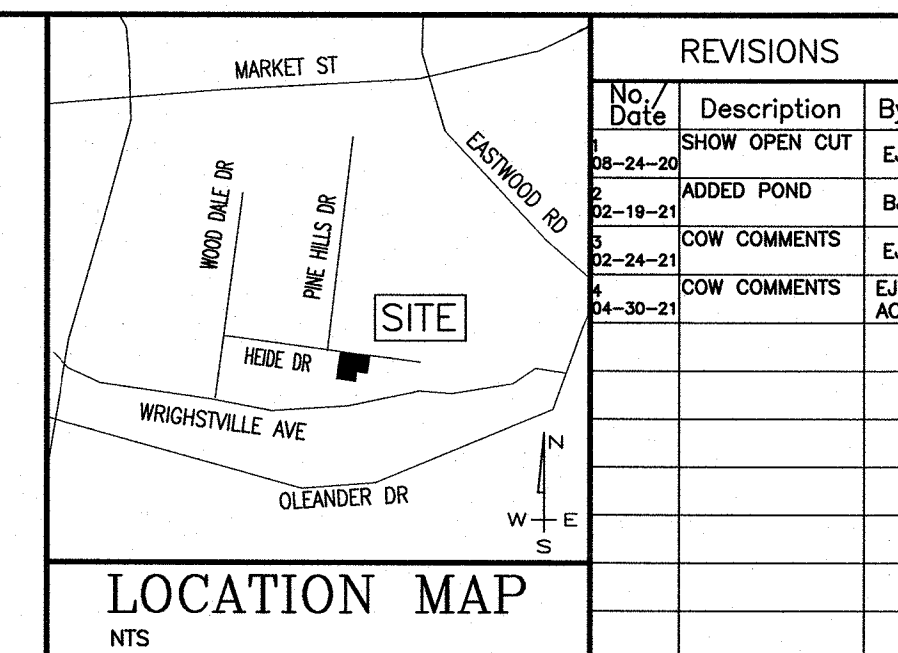
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DRAINAGE

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FIRE AND LIFE SAFETY

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REVISIONS

No./Date	Description	By
28-24-20	SHOW OPEN CUT	EJW
22-19-21	ADDED POND	BJH
22-24-21	COW COMMENTS	EJW
24-30-21	COW COMMENTS	EJW

SITE DATA:

PIN NUMBERS
 PIN: R05520-008-068-000
 PIN: R05520-008-067-000

PROPERTY OWNER
 PROJECT ADDRESS
 TRACT AREA

STW PROPERTIES, LLC
 5030 HEIDE DR.
 5032 HEIDE DR.
 78,457 SF (1.80 AC)

ZONING DISTRICT
 AREA NOT IN A FEMA 100-YEAR FLOOD ZONE
 CAMA LAND USE
 PROPOSED ZONING
 PROPOSED USE SQUARE FOOTAGE(S) OF USE(S)
 NUMBER OF UNITS/BEDROOMS
 BUILDING CONSTRUCTION TYPE
 BUILDING LOT COVERAGE PERCENTAGE

R-10
 URBAN
 R-10
 N/A
 8/20
 TBD

LOT 1
 LOT 2
 LOT 3
 LOT 4

16%
 16%
 16%
 21%

BUILDING HEIGHT / # OF STORIES
 SF PER FLOOR
 BUILDING SETBACKS - REQUIRED AND PROPOSED

1
 2,850 SF
 REQUIRED

FRONT: 30 FT
 SIDE: 10
 REAR: 25
 PROPOSED
 FRONT: 30 FT
 SIDE: 10
 REAR: 25

PARKING SPACES
 EXISTING IMPERVIOUS AREA
 PROPOSED ON SITE IMPERVIOUS AREA
 LOTS (6,190 SF PER LOT)
 ACCESS ROAD
 SIDEWALK
 FUTURE
 TOTAL

N/A
 0 SF
 24,760 SF
 4,920 SF
 2,020 SF
 1,225 SF
 32,925 SF
 0.76 AC (42%) SF

PROPOSED OFF SITE IMPERVIOUS CONCRETE
 DISTURBED AREA

2,013 SF
 .05 AC
 92,898 SF (2.13 AC)

NUMBER OF UNITS
 RECREATION AREA - ((0.03 AC/UNIT) (4 UNITS X .03) = 0.12 AC REQ'D
 ** 0.08 AC. ACTIVE PROVIDED **
 ** 0.08 AC. PASSIVE PROVIDED **

4 LOTS

LEGEND

- SS - SEWER
- W - WATER
- SD - PROPOSED STORM WATER
- SD - FLAIED END SECTION STORM WATER
- TSF x TSF - LIMITS OF DISTURBANCE
- TSF x TSF - TEMPORARY SILT FENCE
- PROPOSED SIDEWALK
- PROPOSED SPOT ELEVATION
- DROP INLET PROTECTION

SITE PLAN
 BAR SCALE 1"=30'

30' 15' 0' 30' 60' 90'

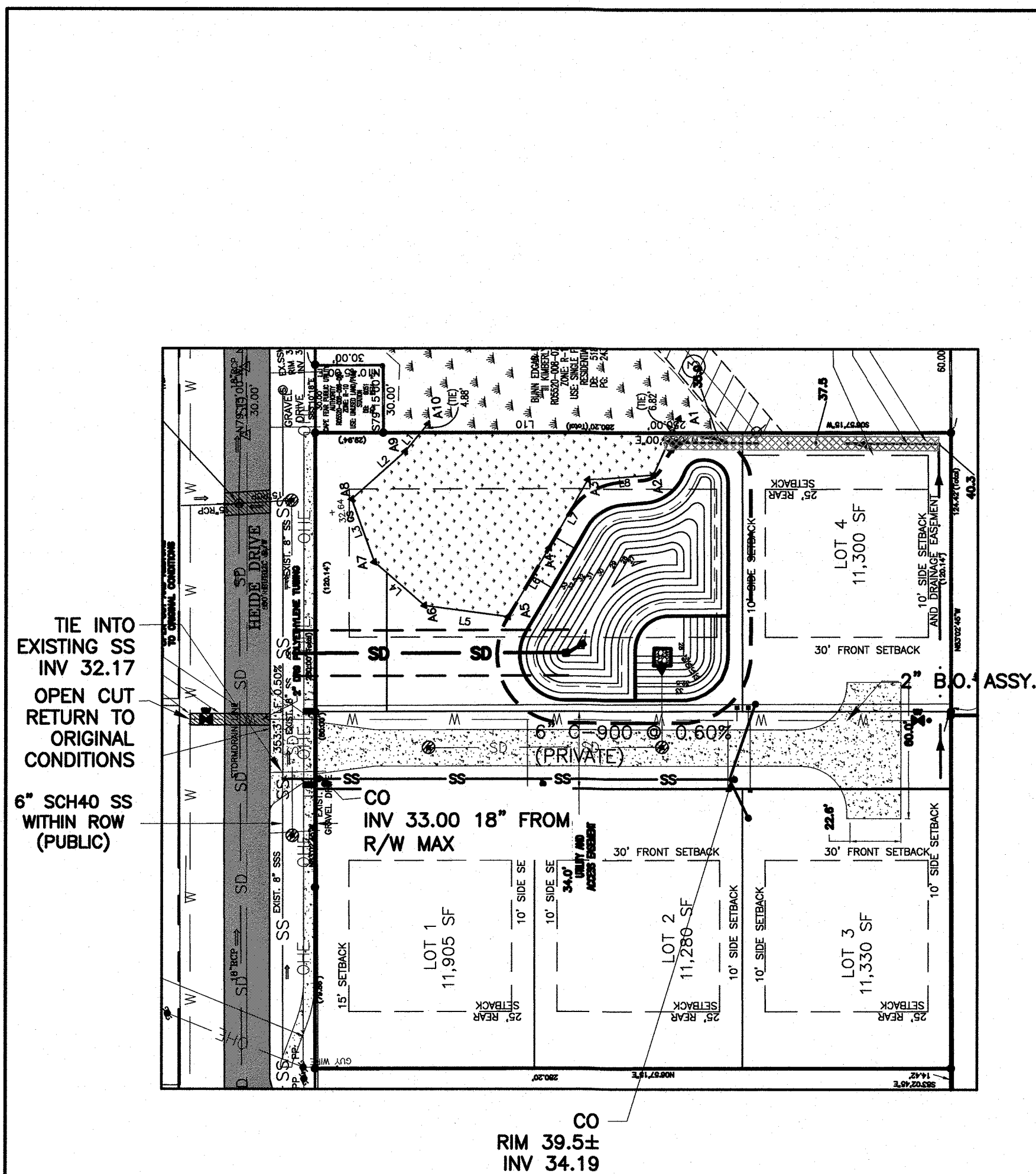
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PROGRESS DRAWING
 17374
 DO NOT USE FOR CONSTRUCTION

DATE 06-18-20
 DESIGN PGT
 DRAWN BJH

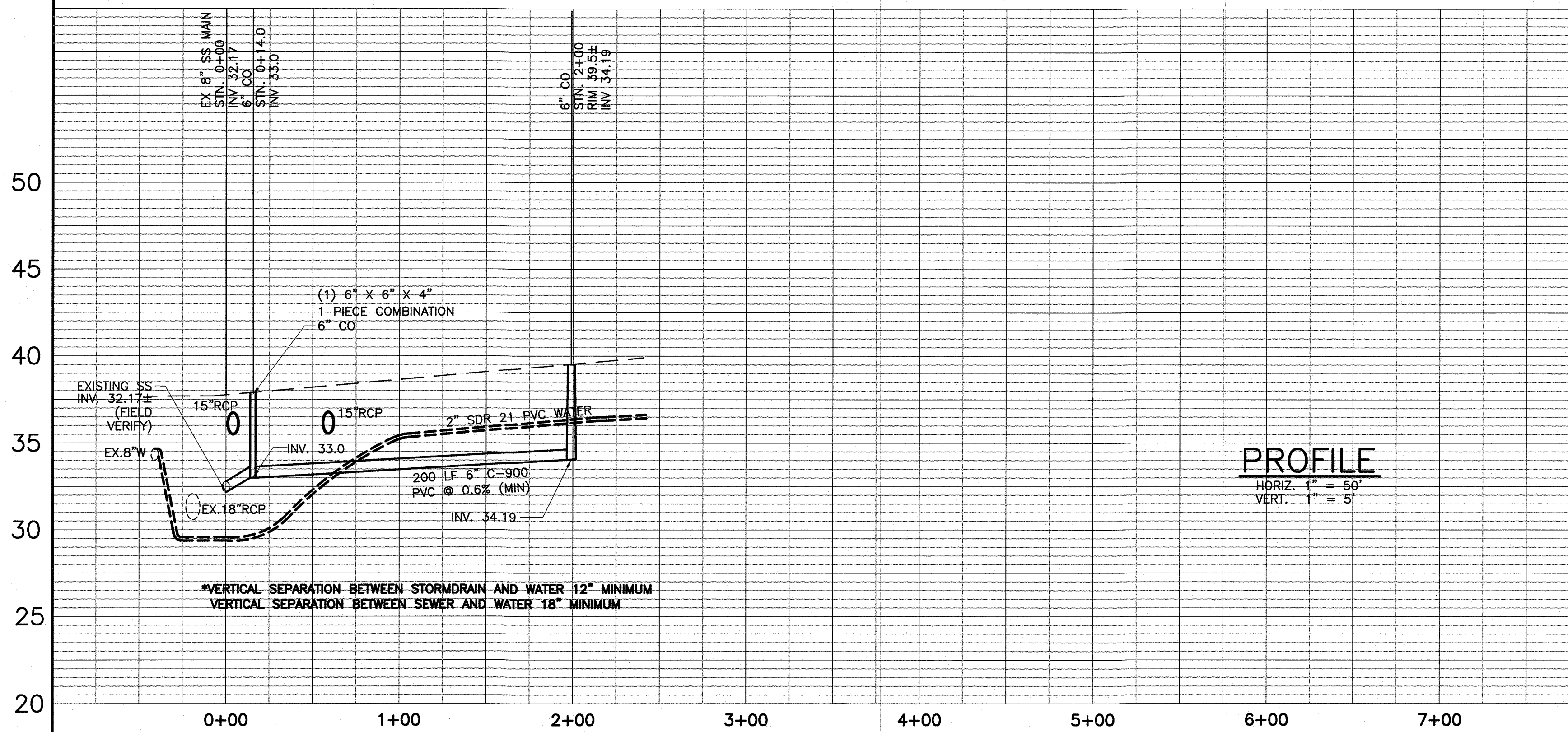
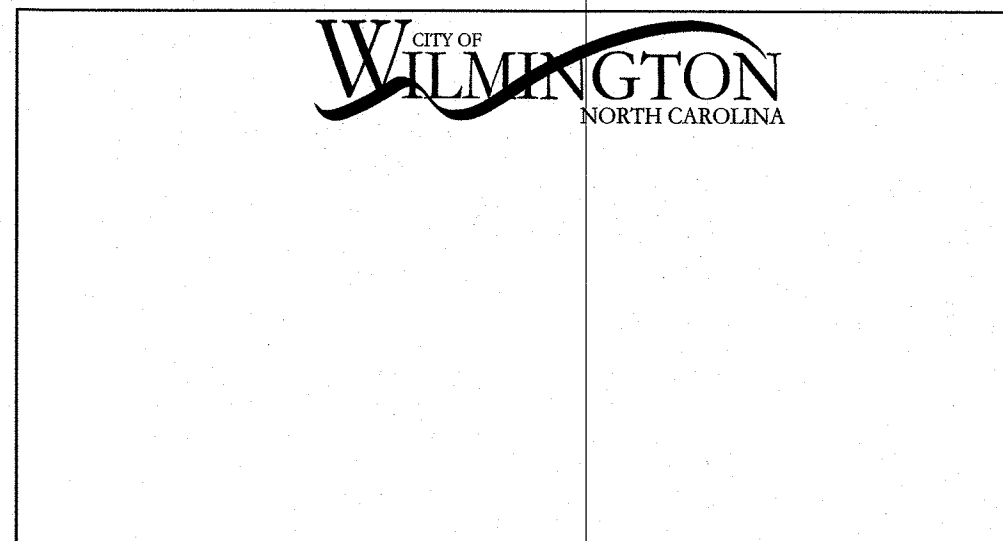
C3

SHEET 3 OF 7
 19009



PLAN
1" = 40'

- CAPE FEAR PUBLIC UTILITY AUTHORITY STANDARD NOTES:**
1. ALL PROPOSED ADDITIONS TO THE CAPE FEAR PUBLIC UTILITY AUTHORITY (CPFAU) WATER DISTRIBUTION AND SANITARY SEWER COLLECTION SYSTEMS AS SHOWN AND SPECIFIED HEREIN SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM TO STATE RULES AND THE CPFAU'S MINIMUM TECHNICAL STANDARDS. THE CPFAU'S MINIMUM TECHNICAL STANDARDS ARE CONTAINED IN THE CURRENT DESIGN GUIDANCE MANUAL, MATERIAL SPECIFICATION MANUAL, TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND STANDARD DRAWING DETAILS.
 2. SEWER GUARDS REQUIRED AT ALL MANHOLES, STANDEES, TIE-INS AND SERVICE POINTS SHALL BE PERPENDICULAR TO MAIN AND TERMINATE 18" INSIDE RIGHT-OF-WAY LINE. SEWER SERVICES IN 12"-OF-SIDE ARE REQUIRED TO BE PERPENDICULAR OR MEET ORGinate IN END OF LINE MANHOLE AND TERMINATE 18" INSIDE RIGHT-OF-WAY LINE. ALL SEWER SERVICES CONNECTING INTO DUCTILE IRON MAINS SHALL ALSO BE CONSTRUCTED OF DIP DEVELOPMENTS.
 3. NO FLEXIBLE COUPLINGS SHALL BE USED.
 4. ALL STANDEES/STEEL FASTENERS SHALL BE TYPE 304.
 5. CLEANOUTS SHALL BE LOCATED A MINIMUM OF 6 FEET FROM ALL PROPERTY CORNERS.
 6. WATER METER BOXES ARE TO BE A MINIMUM OF 5 FEET FROM THE PROPERTY CORNER.
 7. UNUSED SERVICES SHALL BE DISCONNECTED FROM MAIN.
 8. A MINIMUM OF 10' OF MAIN LINE, 5' UPSTREAM AND 5' DOWNSTREAM SHALL BE REPLACED FOR NEW SEWER SERVICE CONNECTIONS TO EXISTING CLAY BRICK SEWER MAINS.
 9. A MINIMUM OF 20' OF MAIN LINE, 10' UPSTREAM AND 10' DOWNSTREAM SHALL BE REPLACED FOR NEW CUT IN MANHOLES ON EXISTING CLAY GRAVITY SEWER MAINS.
 10. PROVIDE A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN EDGE OF MANHOLE CORE HOLES AND MANHOLE BARREL JOINTS. PROVIDE A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN EDGES OF CORE HOLES. CORING THE MANHOLE CONE IS NOT PERMITTED.
 11. WATER MAIN AND FORCE MAIN PIPE INSTALLED BY OPEN CUT SHALL BE BURIED AT A MINIMUM OF THREE (3) FEET AND A MAXIMUM OF FIVE (5) FEET BELOW FINISHED GRADE. DEPTHS GREATER THAN FIVE (5) FEET MUST BE APPROVED BY CPFAU.
 12. ALL MANHOLE MAIN LINE AND SERVICE PIPING TO BE INSTALLED AT A MINIMUM OF CROWN TO CROWN OF THE LARGEST DIAMETER PIPE.



PROFILE
HORIZ. 1" = 50'
VERT. 1" = 5'

REV. NO.	DESCRIPTION	DATE
1	ADDED WATER PROFILE, OPEN CUT	08-24-20

SANITARY SEWER EXTENSION
WOODLAND PARK SUBDIVISION
WILMINGTON, NORTH CAROLINA

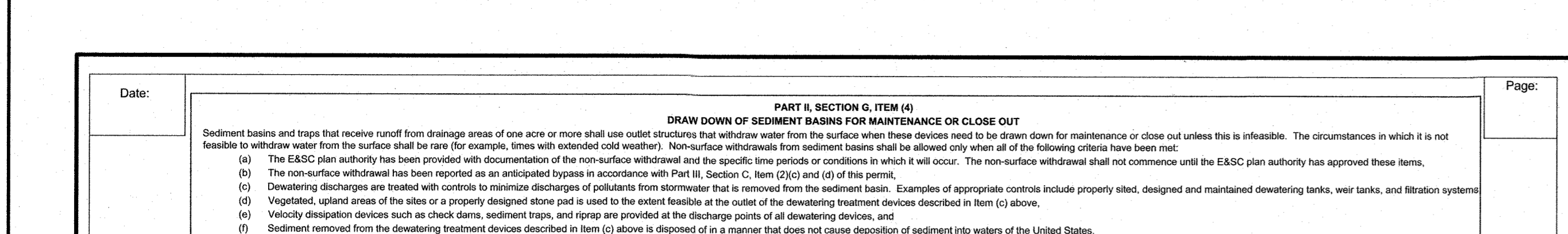
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CAPE FEAR PUBLIC UTILITY AUTHORITY
NORTH CAROLINA

DATE: 06-18-20
SCALE: 1" = 50'
1" = 5'

DRAWN: BJH
CHECKED: PGT
PROJECT NO: 19009

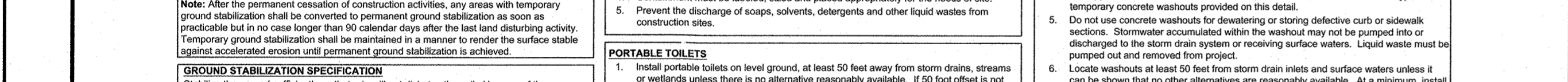
SHEET NO: C4
OF 4 OF 7



Section	Frequency	Inspection records must include:
SECTION A: SELF-INSPECTION, RECORDKEEPING AND REPORTING	(1) Rain gauge maintained in good working order	Daily rainfall amounts. No daily rain gauge observations are made during weekend or holiday periods, and no individual daily rainfall information is recorded. The cumulative rain measurement for those recorded days will determine a site inspection frequency. Days on which no rainfall occurred shall be recorded as "Zero". The permittee may use another rain-measuring device approved by the Division.
(2) EASC Measures	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. A location of whether the measure was operating properly. Description of maintenance needs for the measure. Identification of the discharge outlets inspected.
(3) Stormwater discharge outlets (SDOs)	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
(4) Perimeter of Site	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
(5) Streams or wetlands	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
(6) Ground Stabilization	After each grading phase.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.

NCG-01 SELF INSPECTION

Section	Frequency	Inspection records must include:
SECTION B: EQUIPMENT AND VEHICLE MAINTENANCE	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION C: LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION D: PAINT AND OTHER LIQUID WASTE	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION E: PORTABLE TOILETS	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION F: BARNYARD STOCKPILE MANAGEMENT	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION G: HAZARDOUS AND TOXIC WASTE	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.

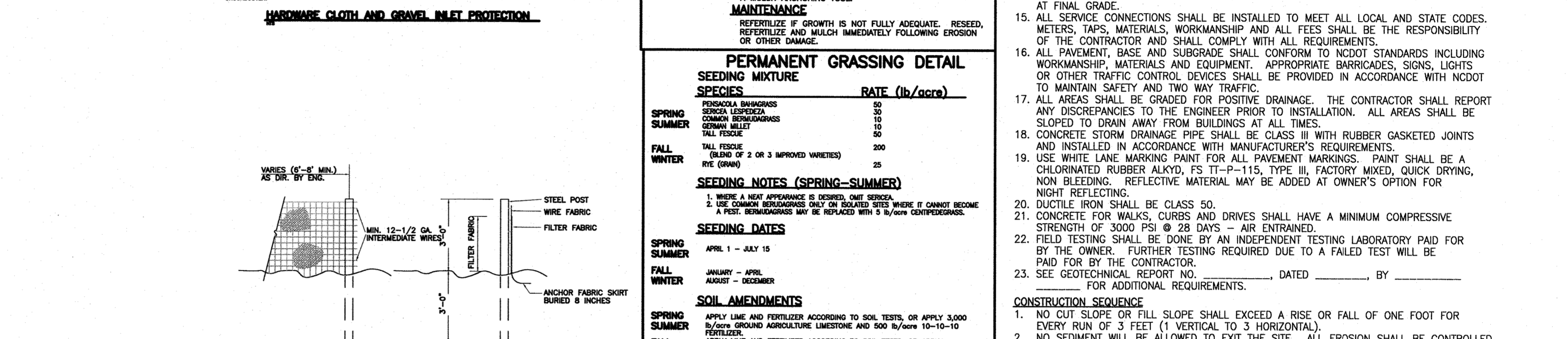
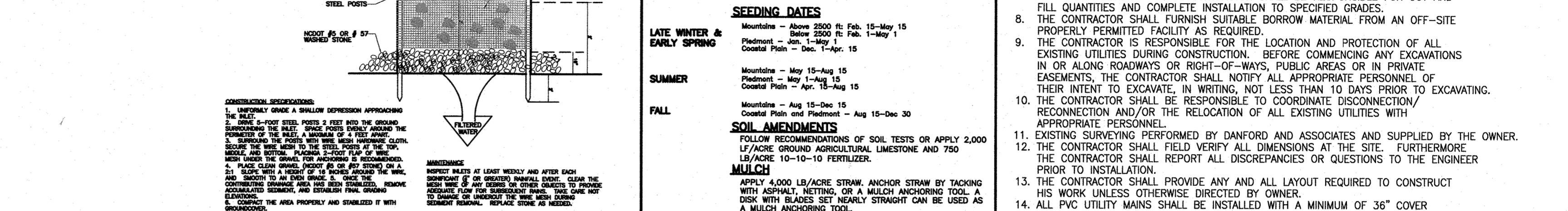
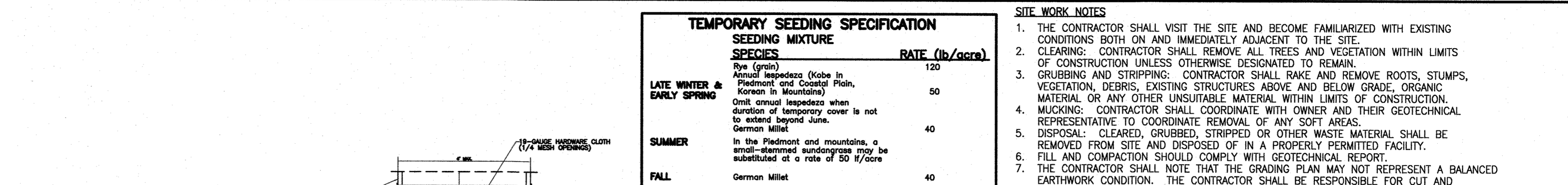


NCG-01 GROUND COVER & MATERIALS HANDLING

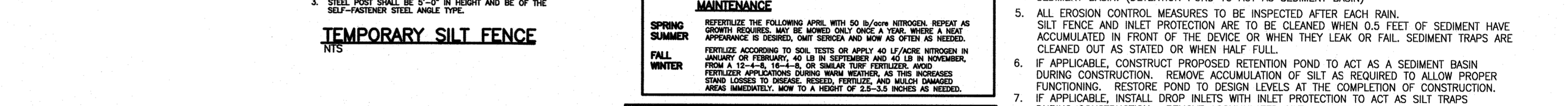
Section	Frequency	Inspection records must include:
SECTION A: POLYCARBONATE (PAMS) AND FLOCCULANTS	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION B: TEMPORARY STABILIZATION	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION C: PERMANENT GRASSING	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION D: SOIL AMENDMENTS	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION E: MULCH	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.
SECTION F: HARDWARE CLOTH AND GRAVEL INLET PROTECTION	At least once per calendar days and within 24 hours of a rain event 1/10 inch in 24 hours.	Identification of the measure inspected. Date and time of the inspection. Name of the person performing the inspection. Evidence of indication of a release position such as all signs, hoses, or suspended solids or discoloration. Description, evidence, and date of corrective actions taken. Indication of whether the site is being stabilized.



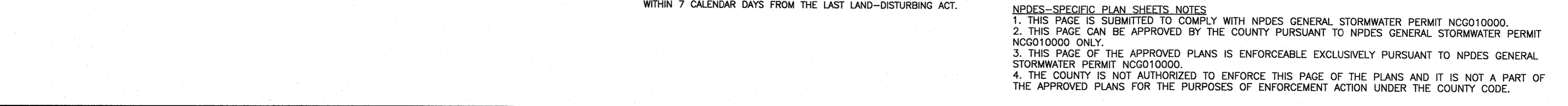
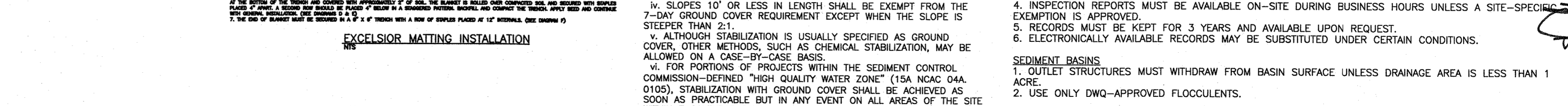
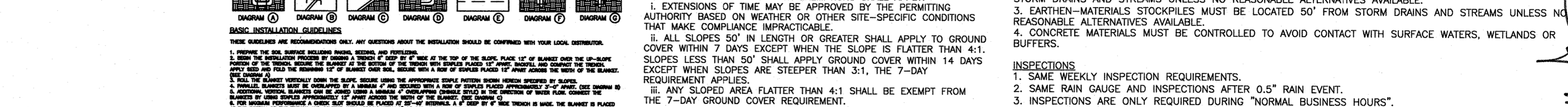
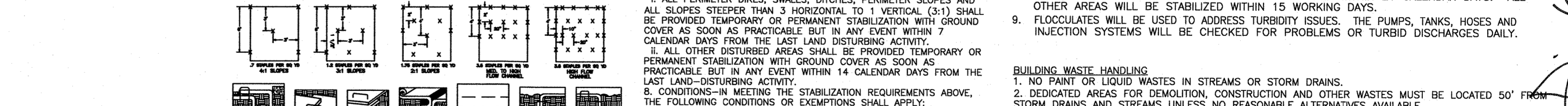
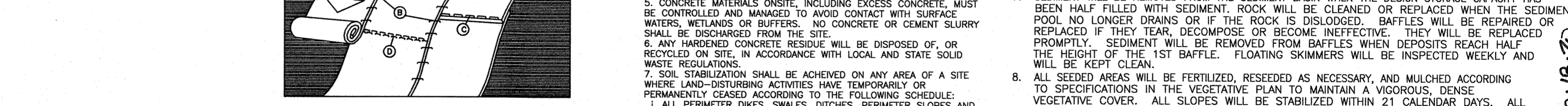
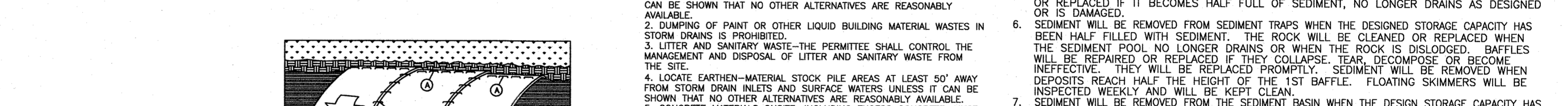
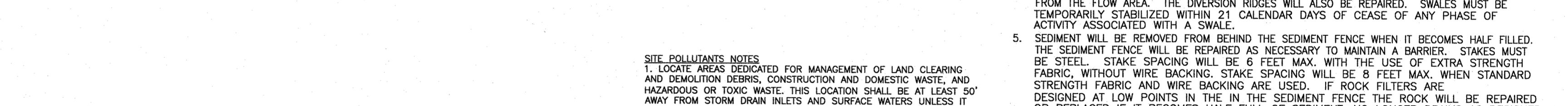
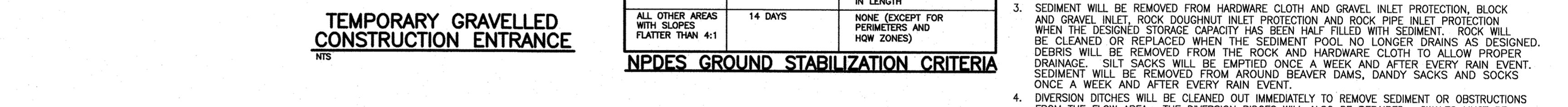
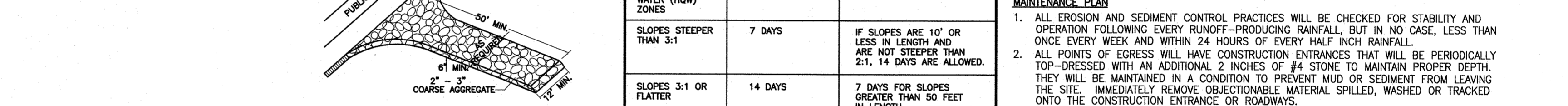
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE



Area Description	Stabilization Timeframe	Stabilization Timeframe Exceptions
PERMETER DICES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER ZONES (HOW)	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND 21 INCHES OR LESS IN WIDTH, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 5:1 IN LENGTH
ALL OTHER AREAS FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERMETER DICES AND HOW ZONES)



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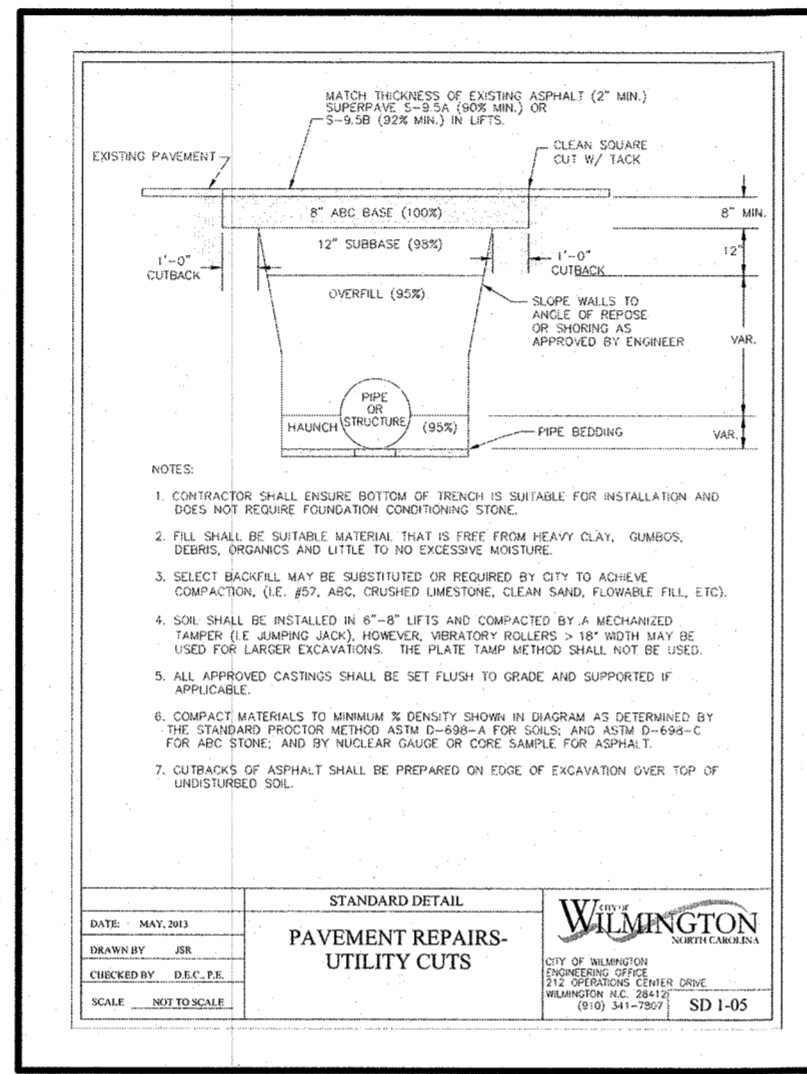
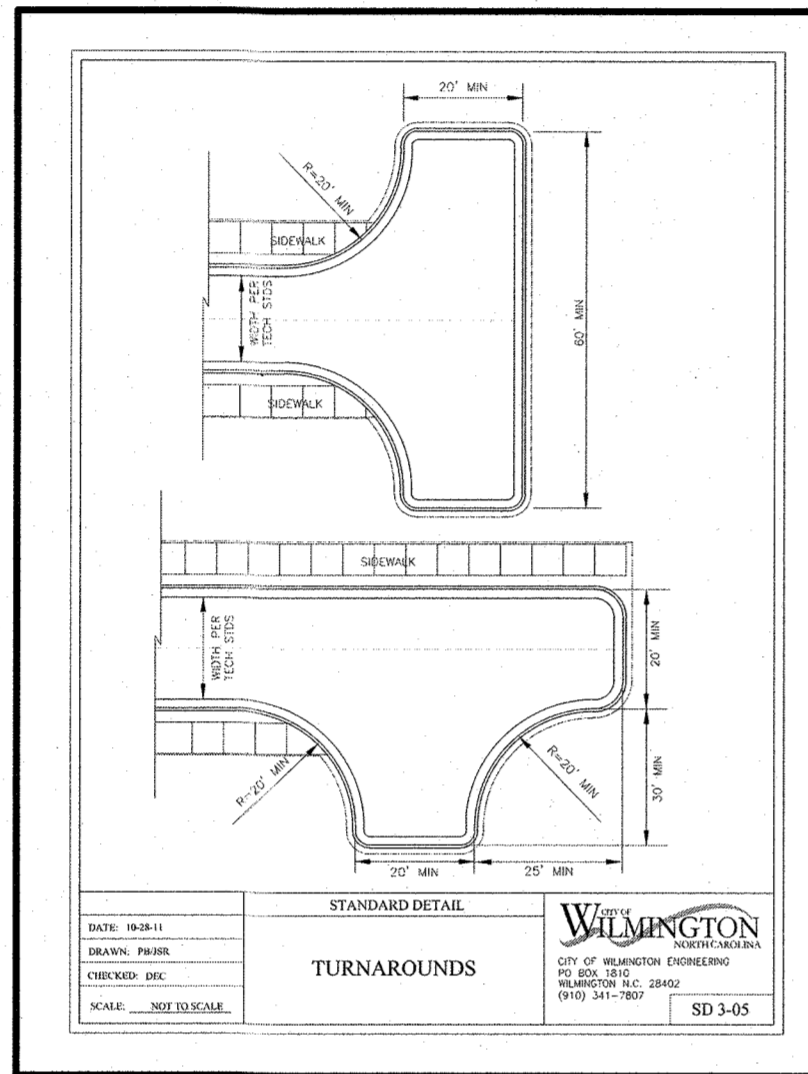
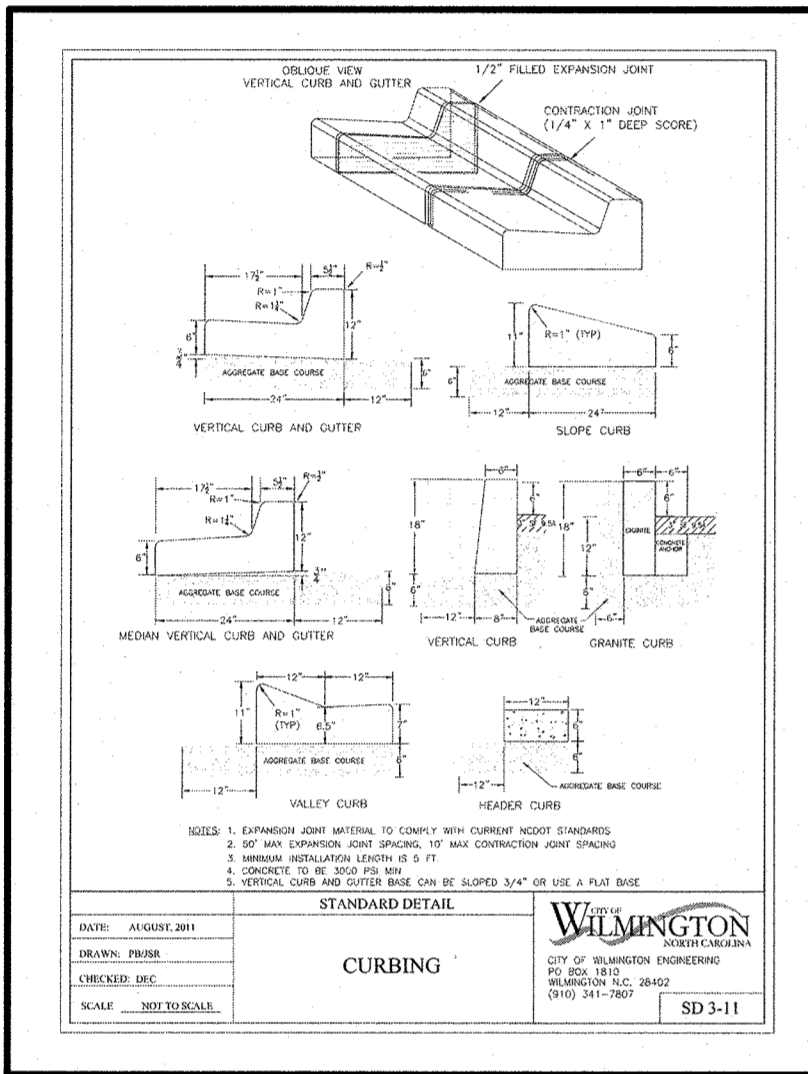
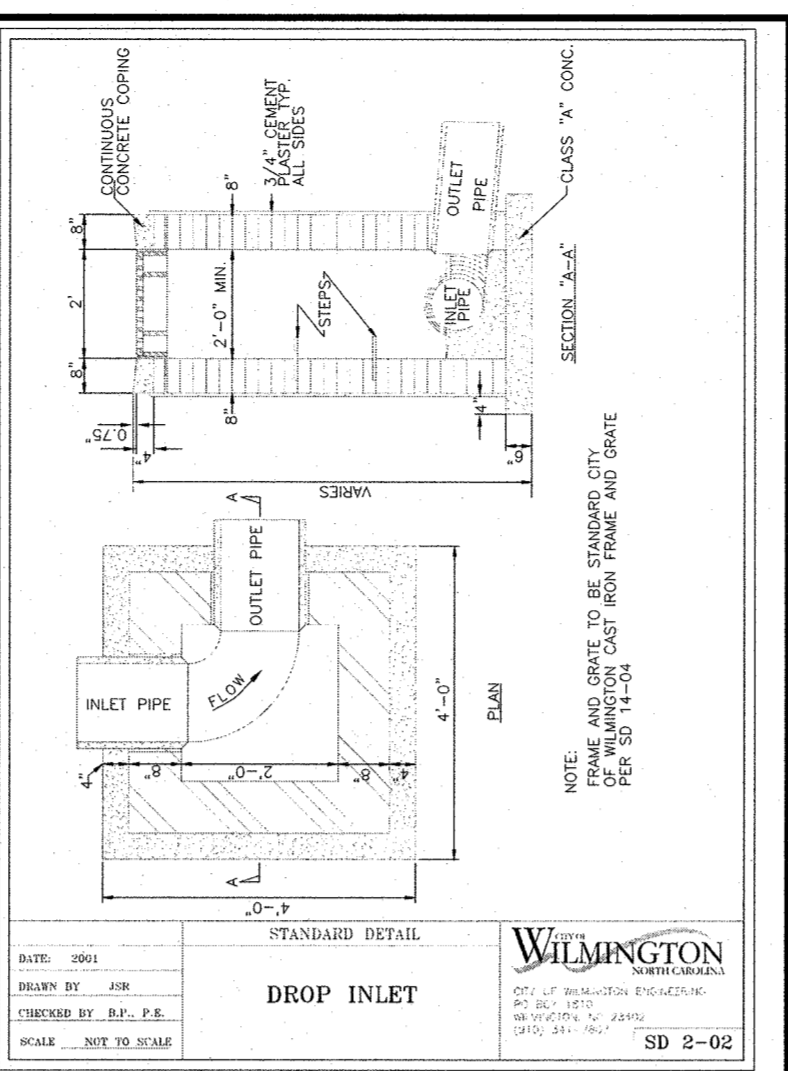
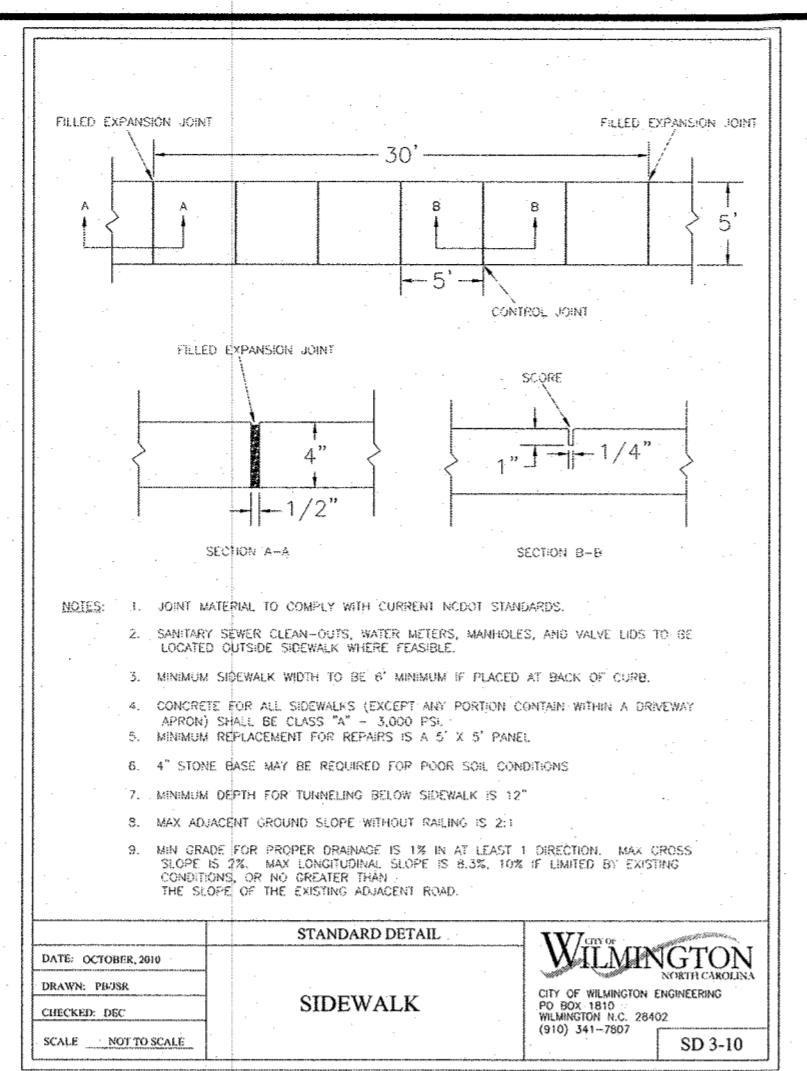
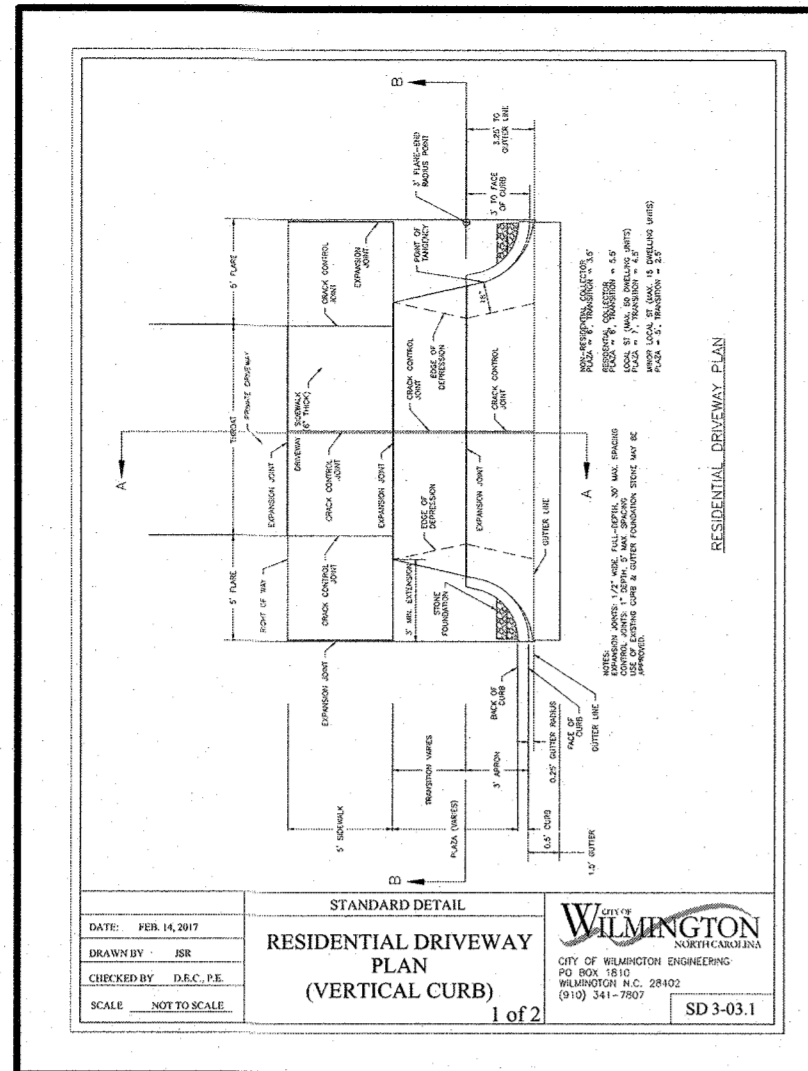
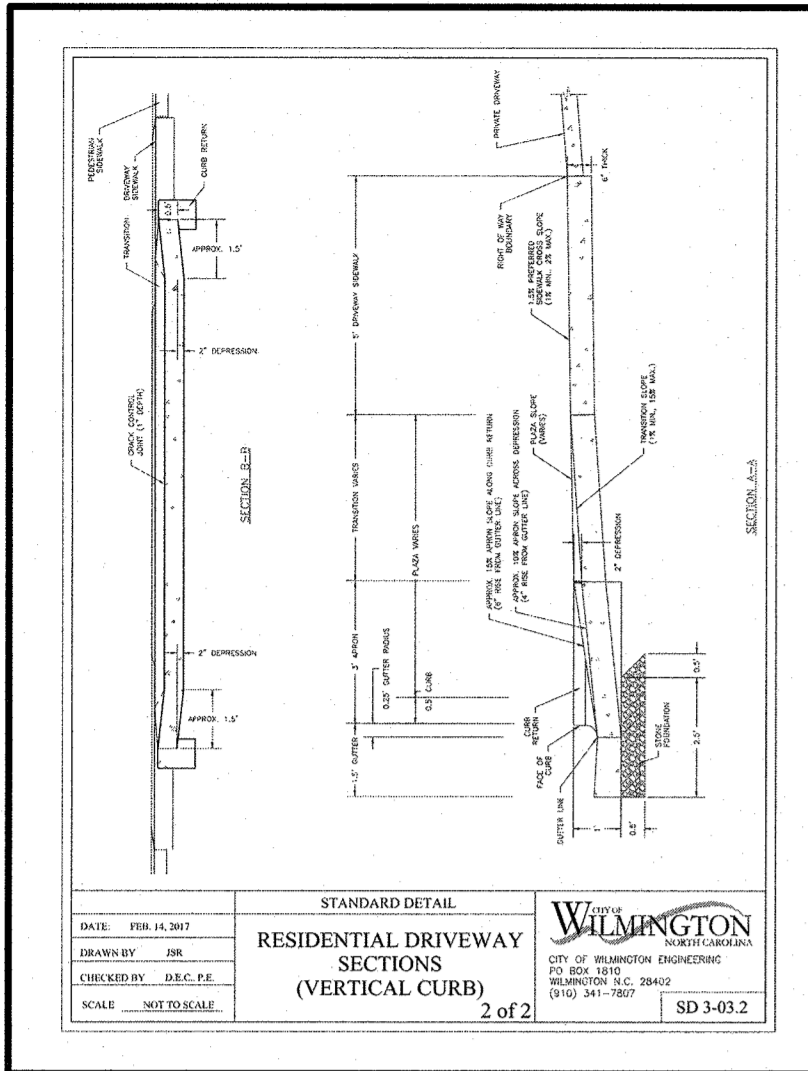
REVISIONS

No./Date	Description	By

DATE 06-18-20
 DESIGN PGT
 DRAWN BJH

PROGRESS DRAWING
 DO NOT USE FOR CONSTRUCTION

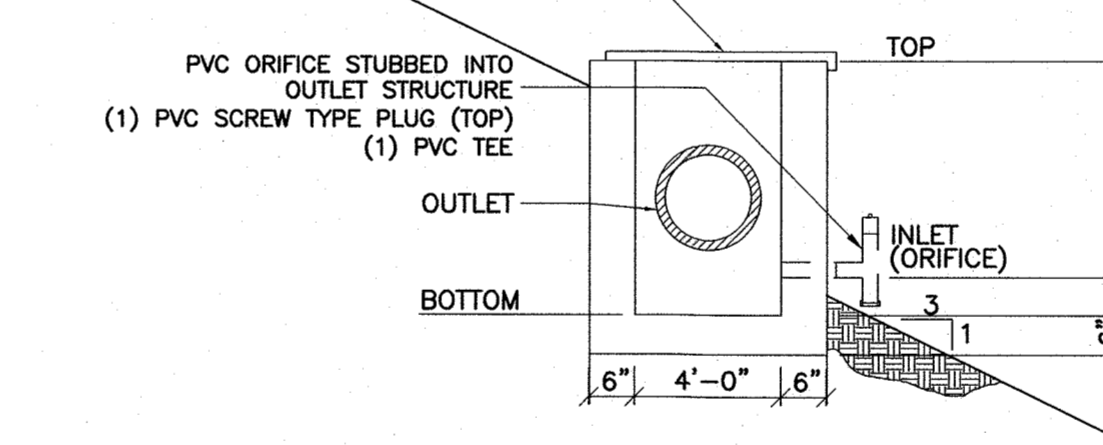
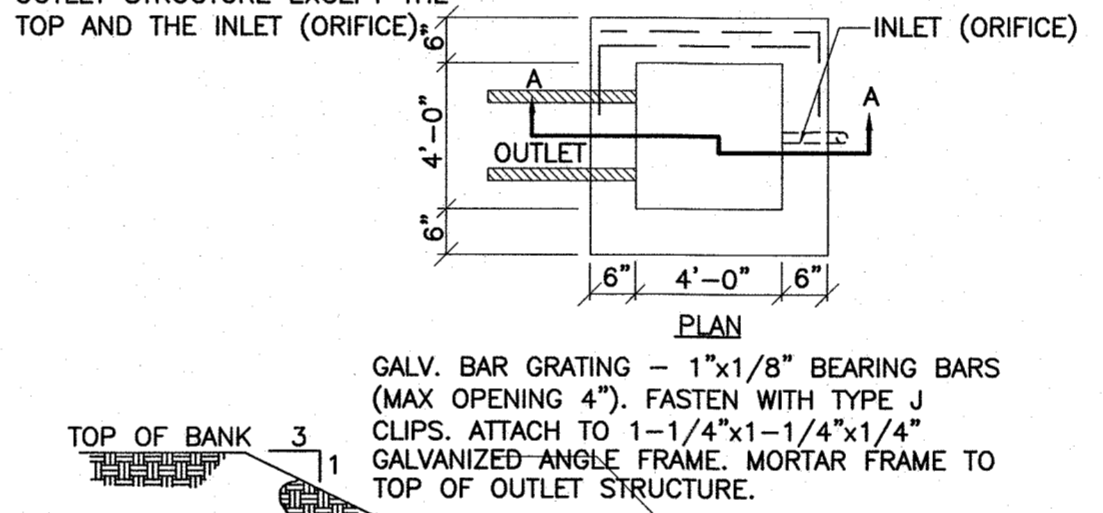
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 SHEET 5 OF 7
 19009



OUTLET STRUCTURE DATA

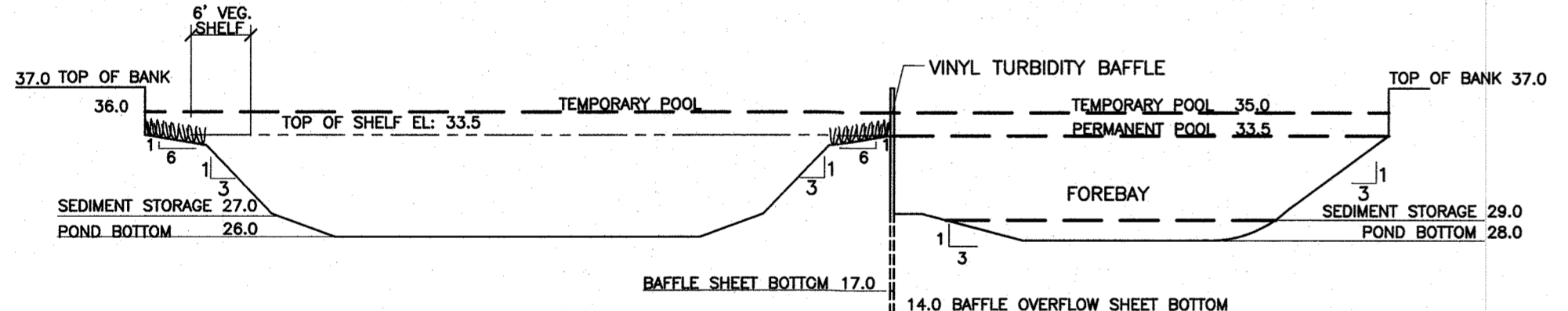
Basin #	Top Elev.	Bottom Elev.	Inlet (Orifice) Size/Invert	Outlet Size	Outlet Inv. In/Out
1	36.0	32.5	1.5"/33.5	12 inch	33.0/33.5

NOTE: WHILE SKIMMER IS FUNCTIONING, CLOSE ALL OPENINGS OF THE OUTLET STRUCTURE EXCEPT THE TOP AND THE INLET (ORIFICE)



WET DETENTION BASIN DATA

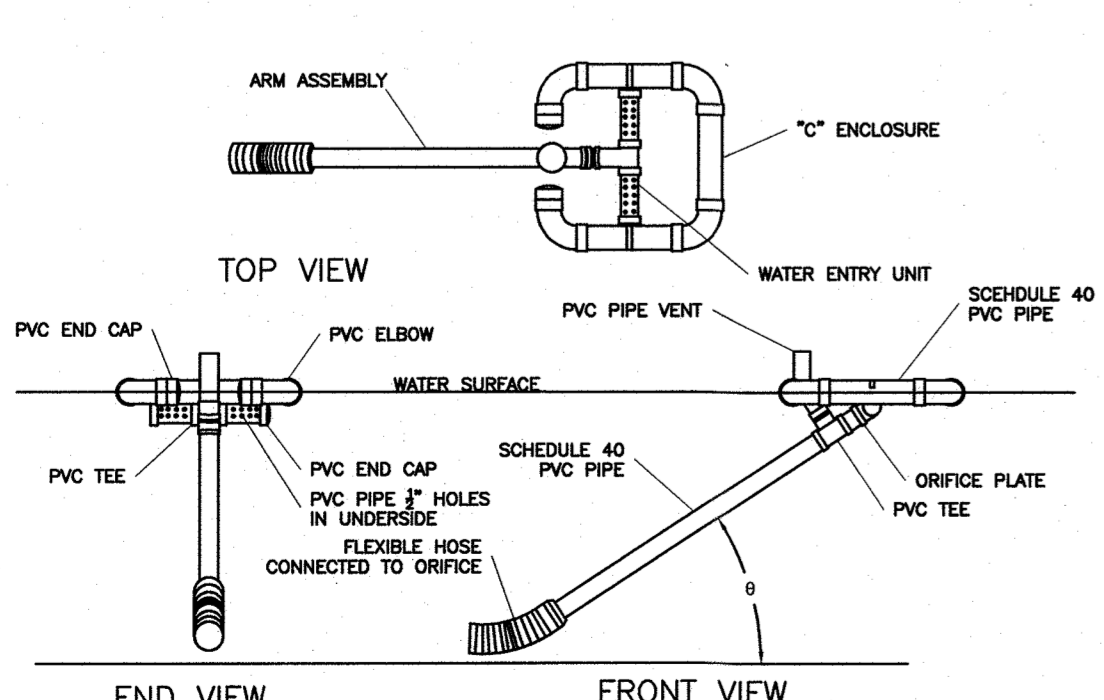
Basin #	Top of Bank Elev.	Temporary Pool Elev.	Permanent Pool Elev.	Emergency Spillway El.	Bottom Main/Forebay	Sediment Storage Main/Forebay
1	37.00	35.00	33.50	36.50	26.0/28.0	27.0/29.0



- * POND SLOPE TO BE SEEDED IN ACCORDANCE TO SEEDING SPECIFICATIONS
- * 6:1 VEGETATED SHELF TO BE PLANTED WITH WETLAND SPECIES I.E. PICKEREL WEED, DUCK POTATO, SWAMP ROSE, BLUE FLAG AND CARDINAL FLOWER
- * A PUMP WILL BE PROVIDED TO DRAIN THE BASIN FOR MAINTENANCE AND EMERGENCIES

WET DETENTION BASIN & FOREBAY SECTION

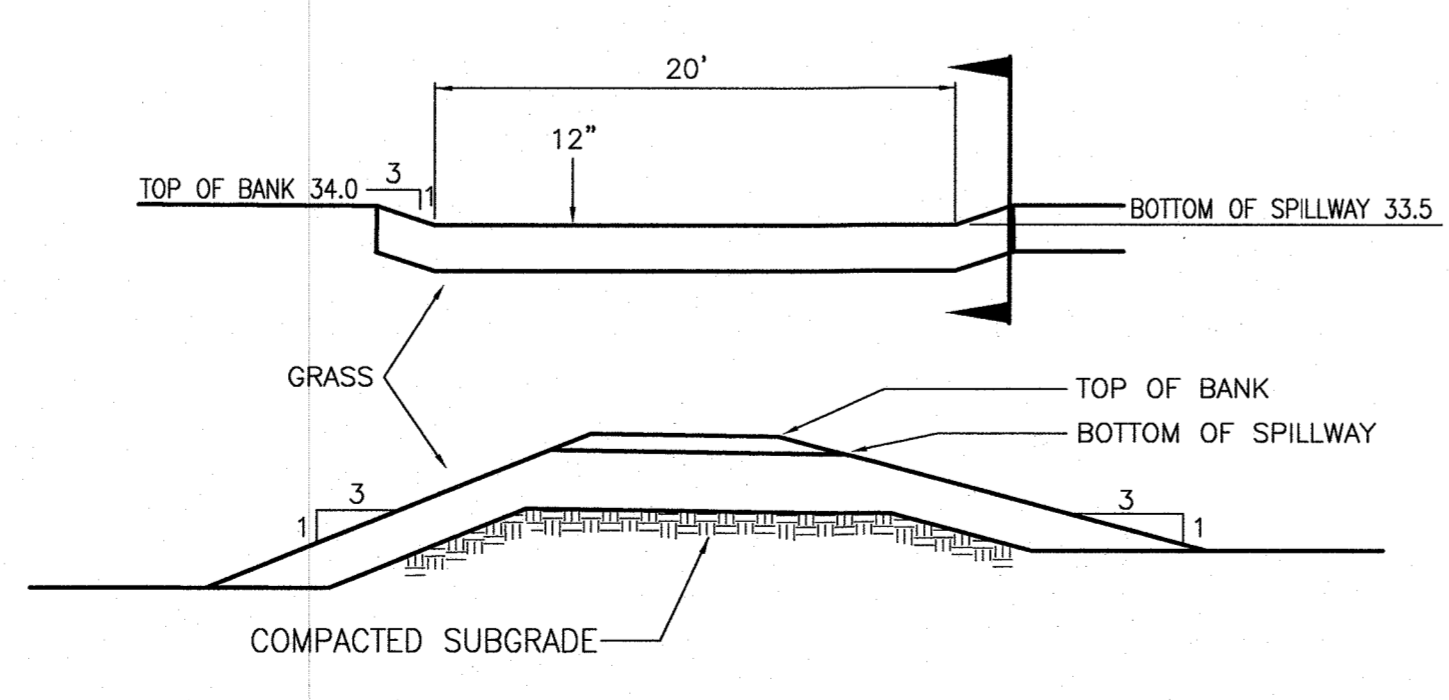
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



SKIMMER TABLE

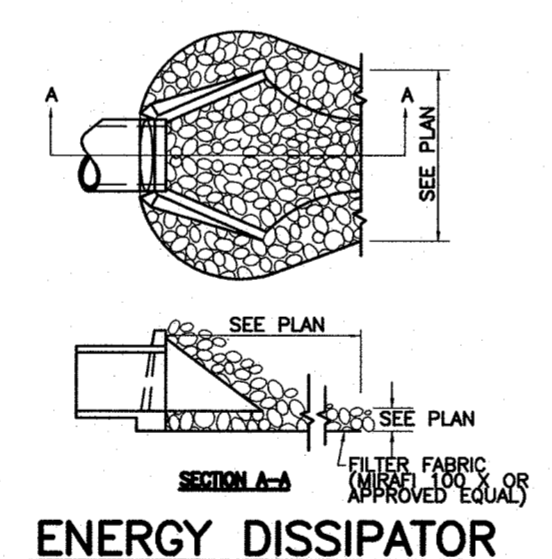
No.	Skimmer Size	Orifice Size
1	3"	2.5"

SEE PLAN SHEET FOR LOCATION

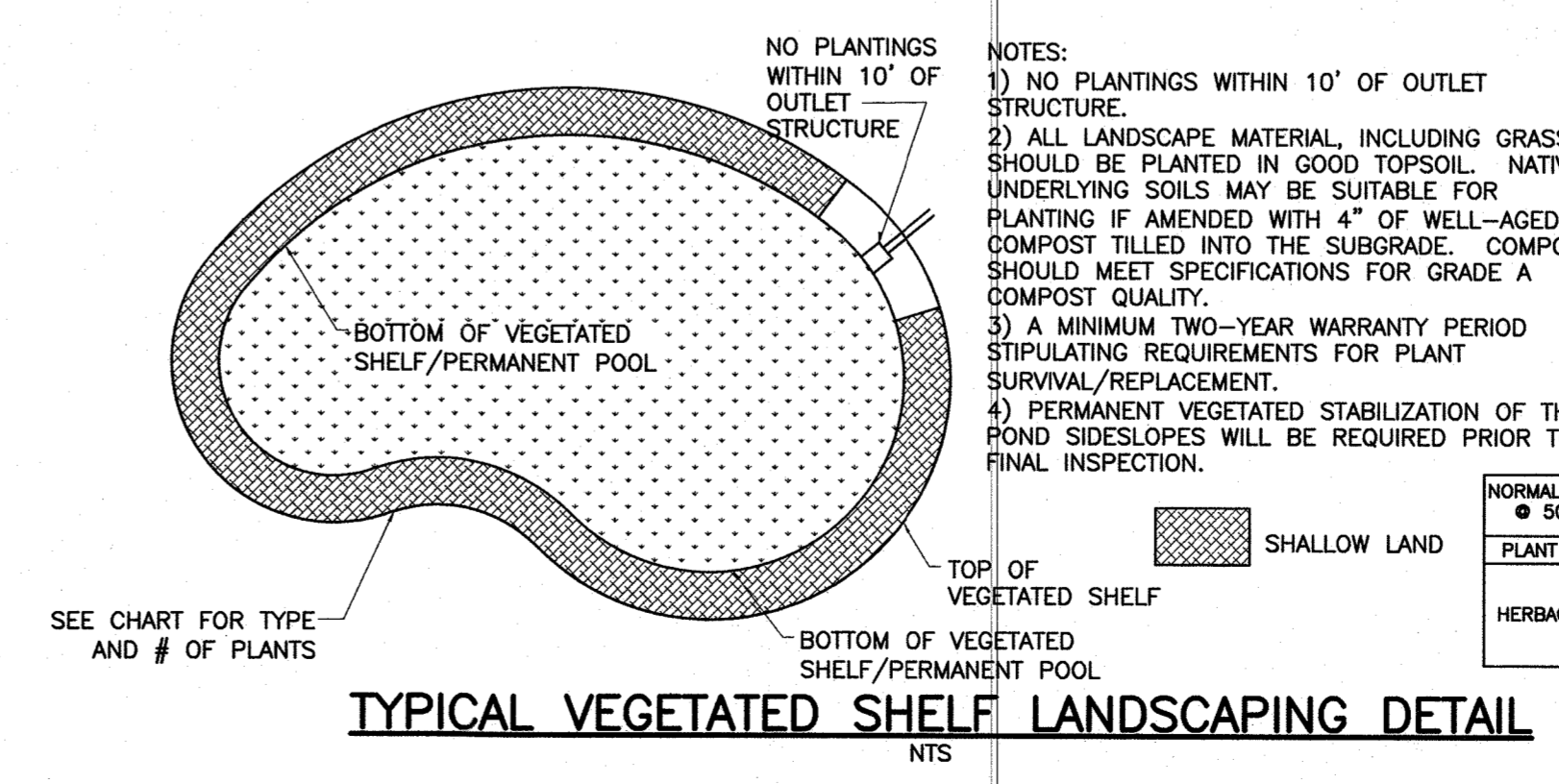


ENERGY DISSIPATOR DATA

STR. #	Q10 (FPS)	V (FPS)	L (FT)	W (FT)	D (FT)	PIPE SIZE (INCH)
1	7	5.50	10	10	1.0	15

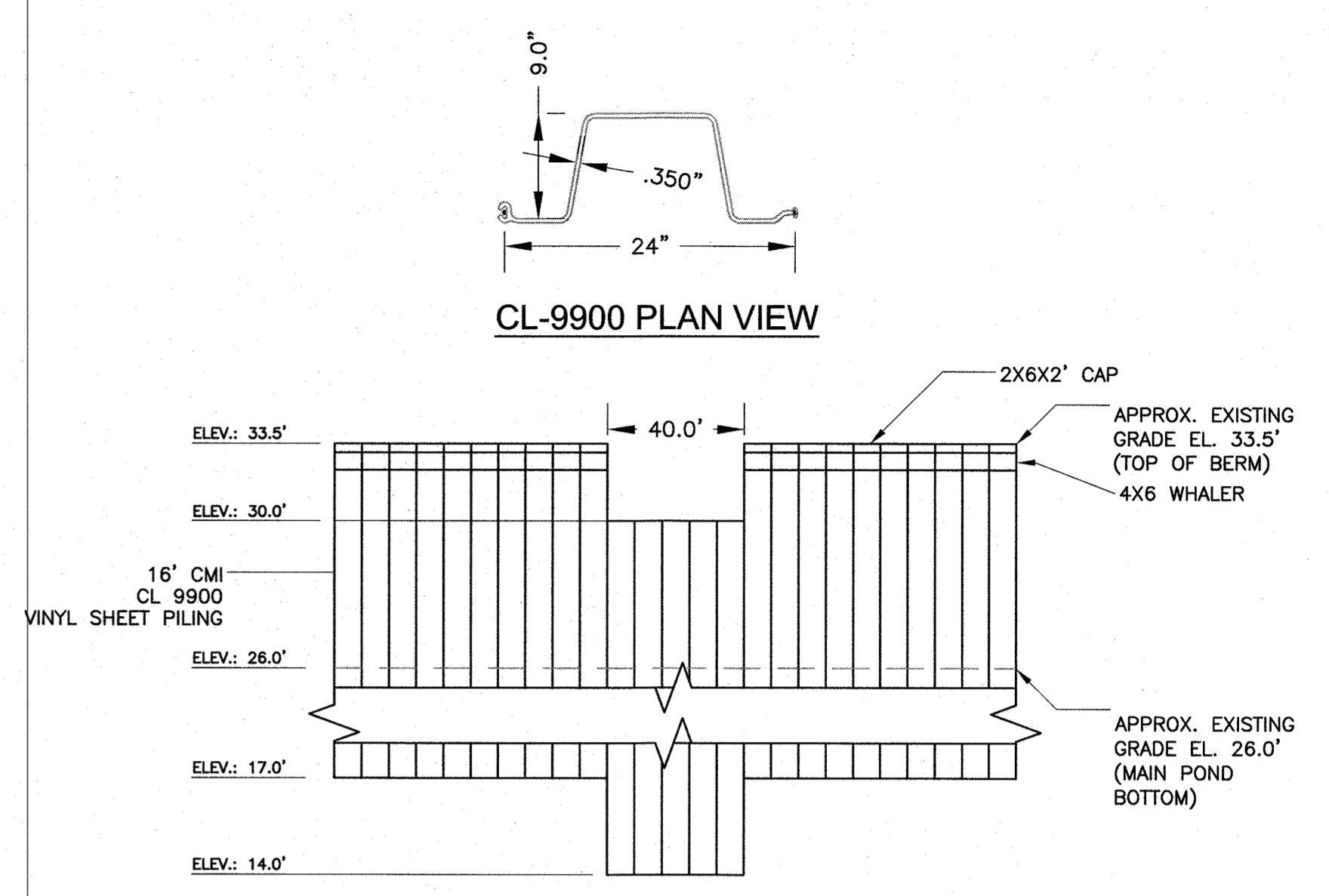


SECTION A - A
WET DETENTION BASIN OUTLET STRUCTURE
NTS

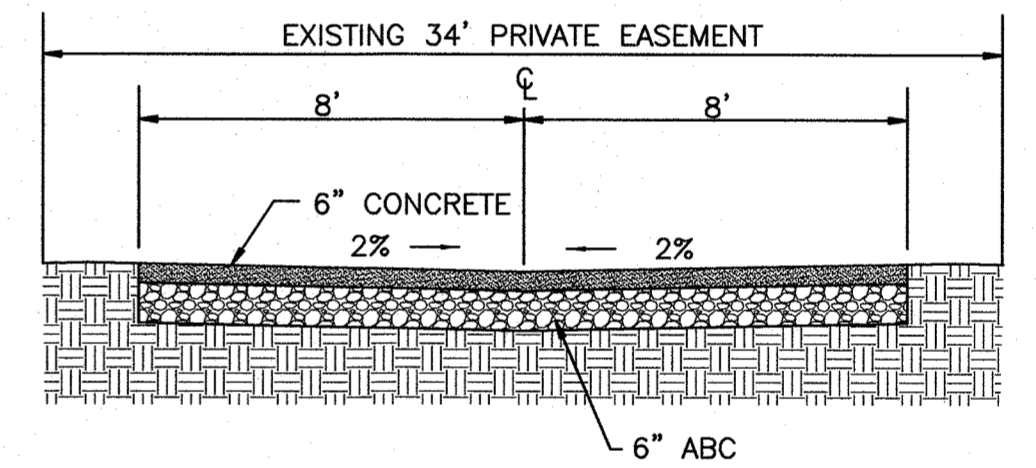


NORMAL POOL TO SHELF TOP = 1,203 SF
50 PLANTS PER 200 SF = 301 PLANTS

PLANT TYPE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER
HERBACEOUS	100	HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	CONT.	4" POT
HERBACEOUS	100	EUPATORBIUM PISTILLATUM	JOE PYE WEED	CONT.	4" POT
HERBACEOUS	101	ASCLEPIAS INCARNATA	SWAMP MILKWEED	CONT.	4" POT



VINYL SHEET PILE FOREBAY WALL
NTS



- NOTES:
- 1) 400' MAXIMUM LENGTH TO FURTHEST UNIT FROM PUBLIC STREET.
 - 2) SERVES A MAXIMUM OF 4 SINGLE FAMILY OR DUPLEX UNITS.
 - 3) 23' WIDTH REQUIRED AT STREET INTERSECTION.
 - 4) RESIDENTIAL USE ONLY. NOT FOR COMMERCIAL USE.
 - 5) INVERTED CROWN OR SUPER ELEVATED SECTION MAY BE APPROVED BY CITY ENGINEER.

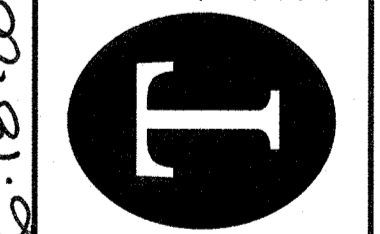
ALLEY SECTION DETAIL
NTS

REVISIONS

No./Date	Description	By
28-24-20	ADDED WATER DETAILS	EJW
22-19-21	ADDED POND	BJH
22-24-21	COW COMMENTS	EJW
24-30-21	COW COMMENTS	EJW ACB

DETAILS AND NOTES

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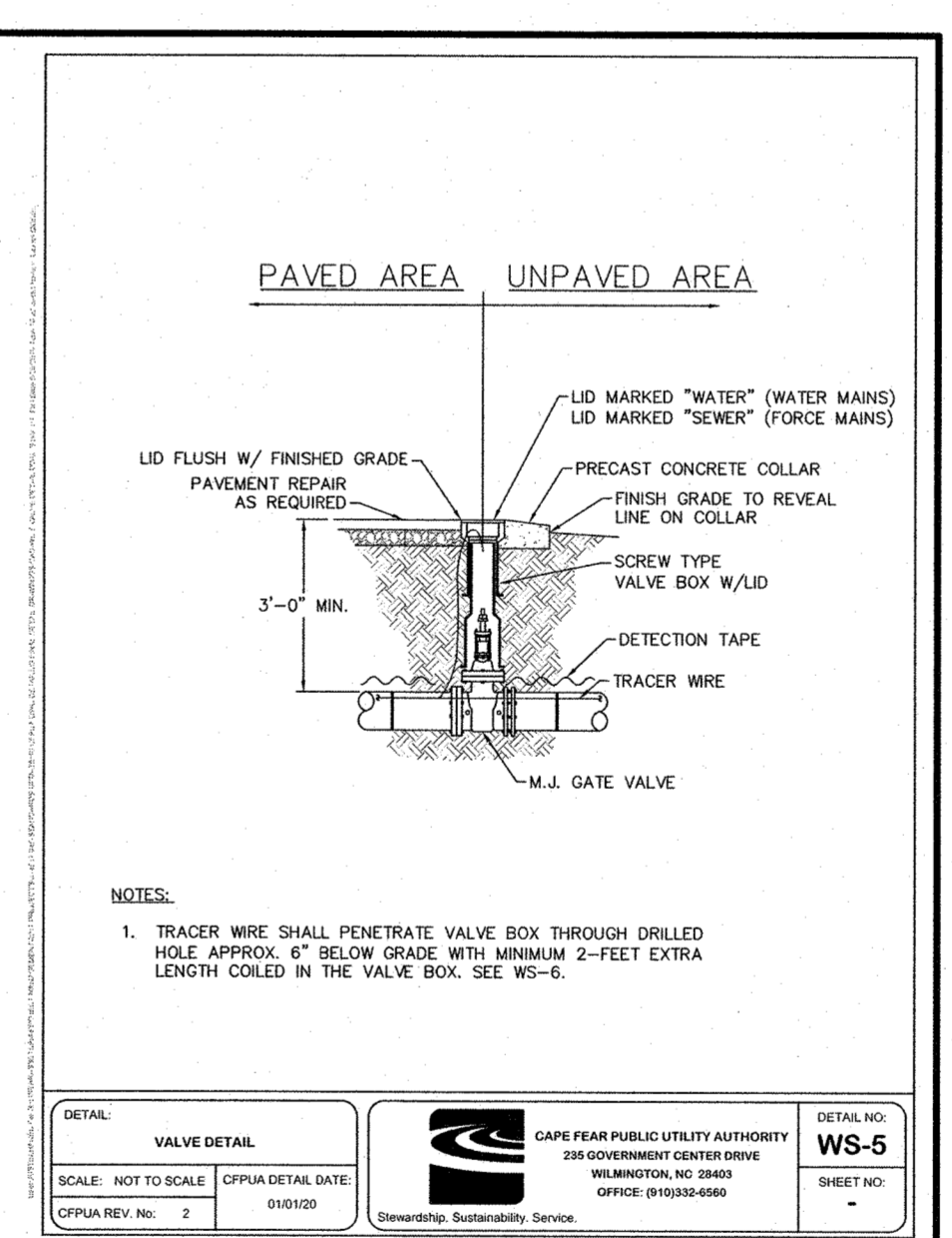
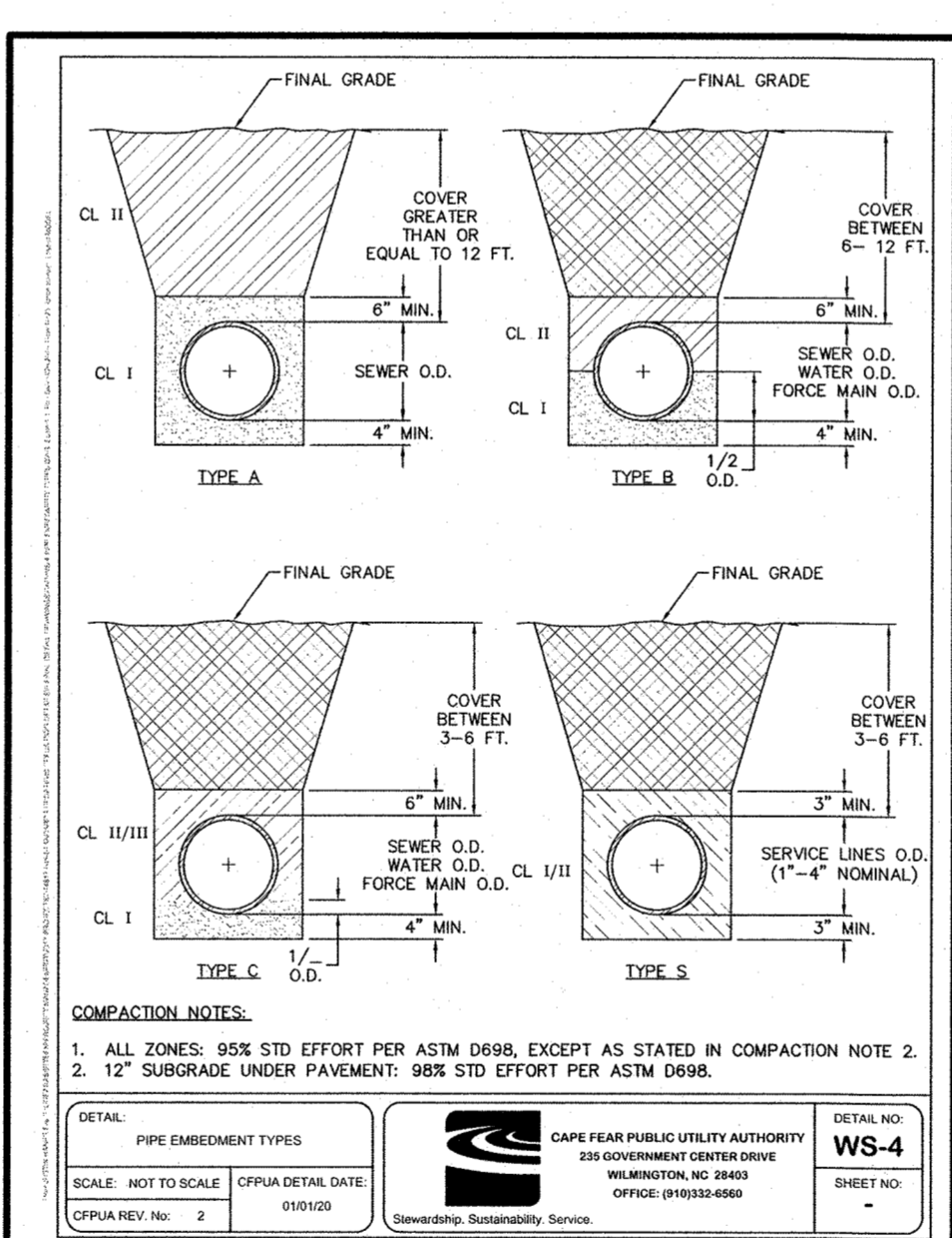
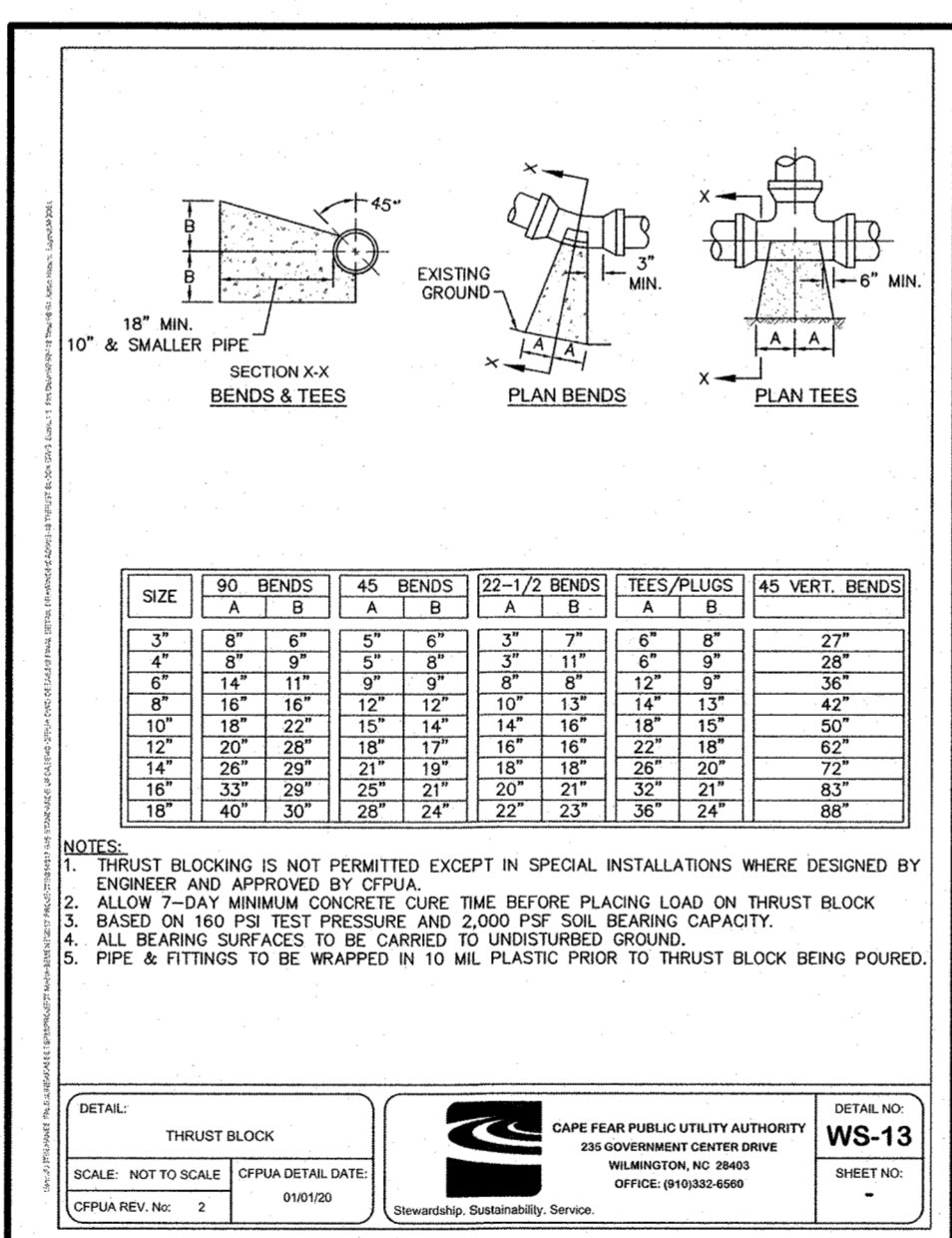
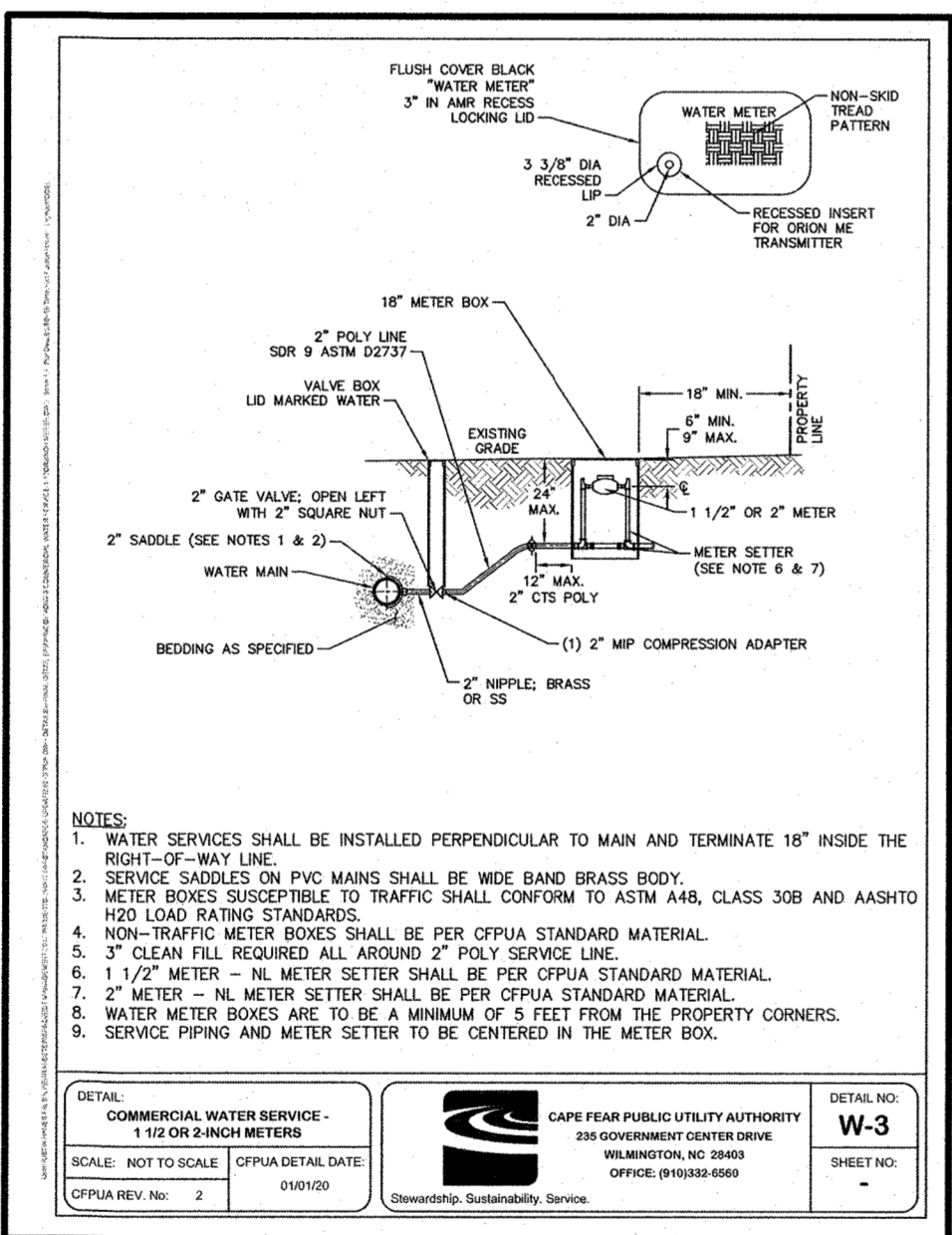
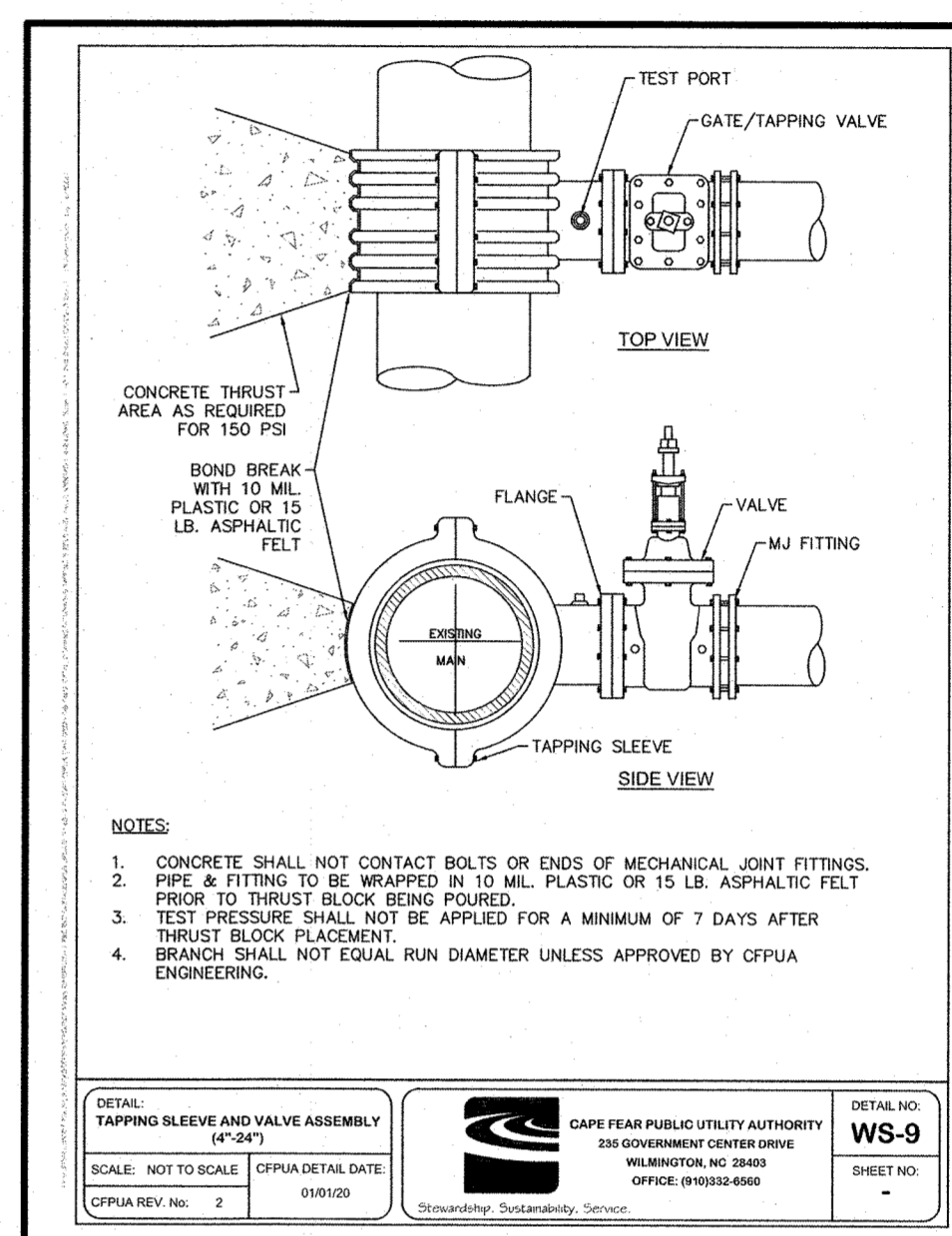
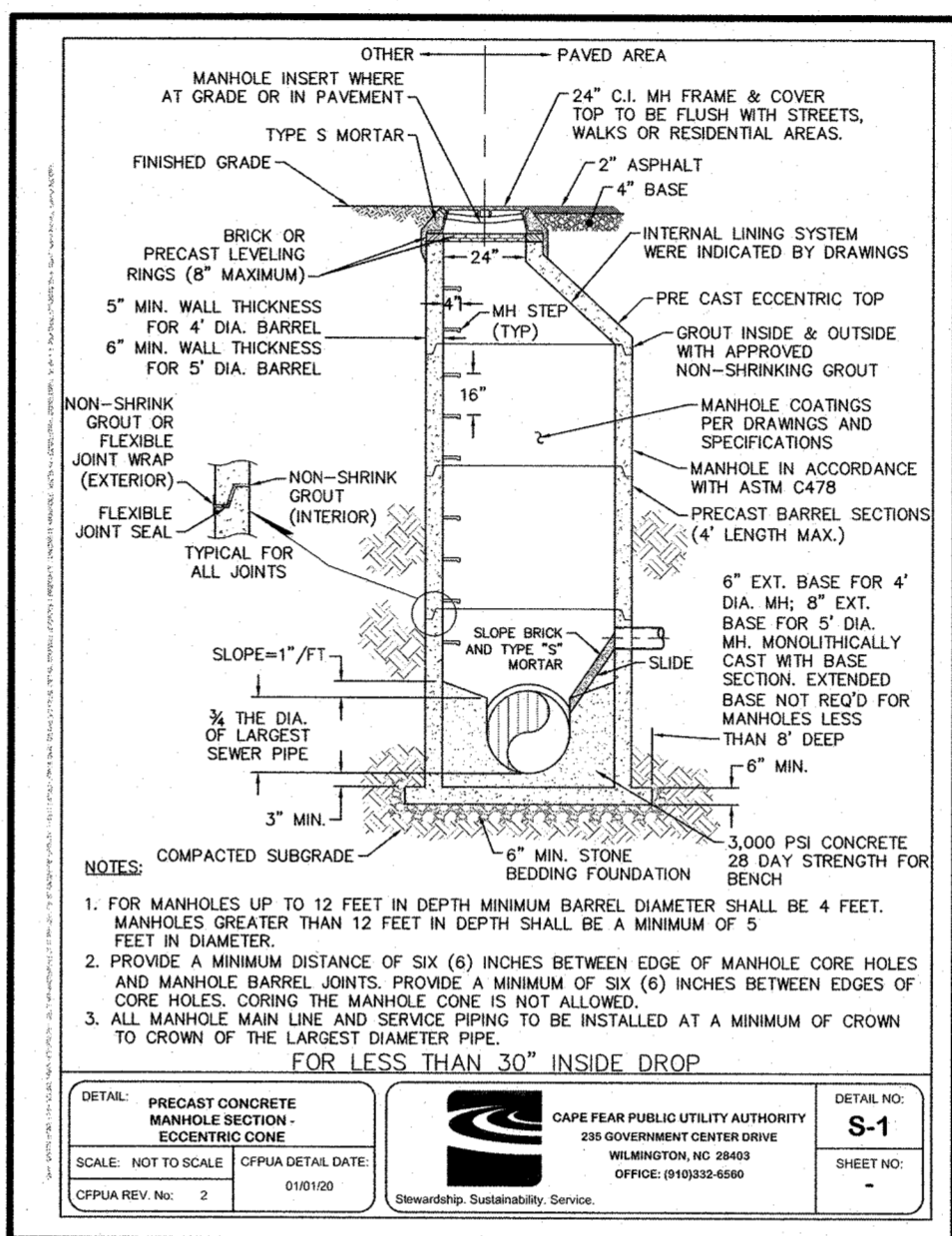
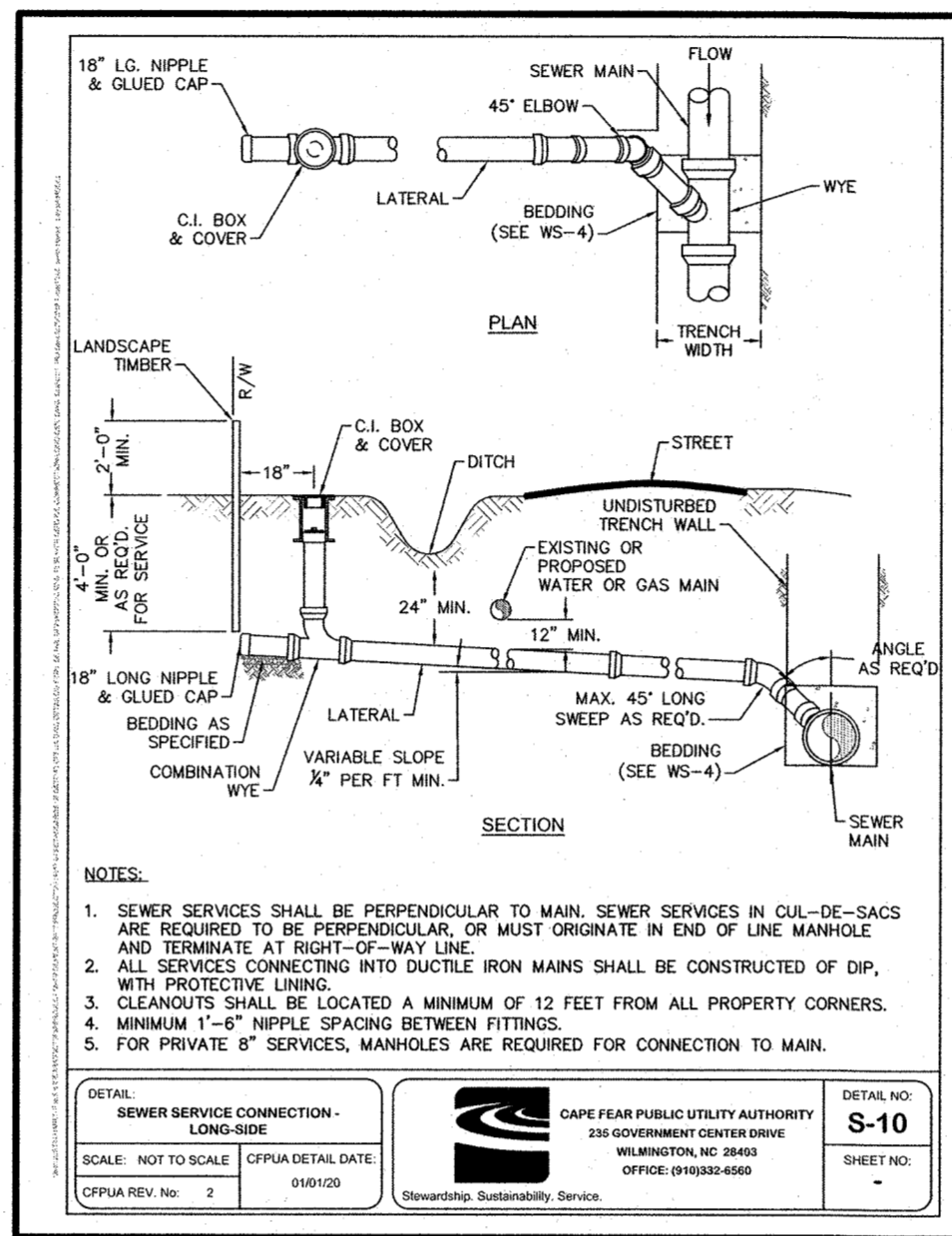
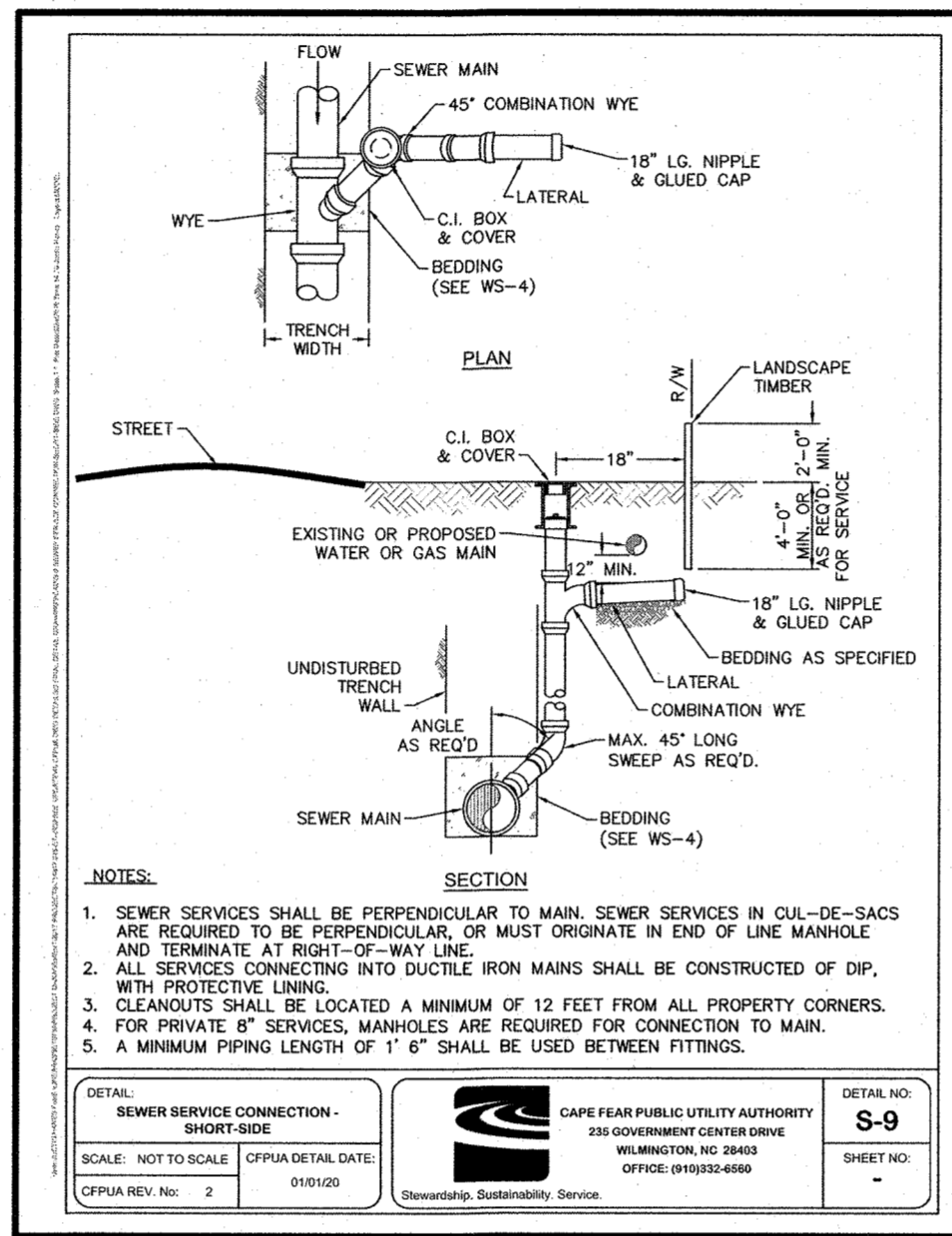
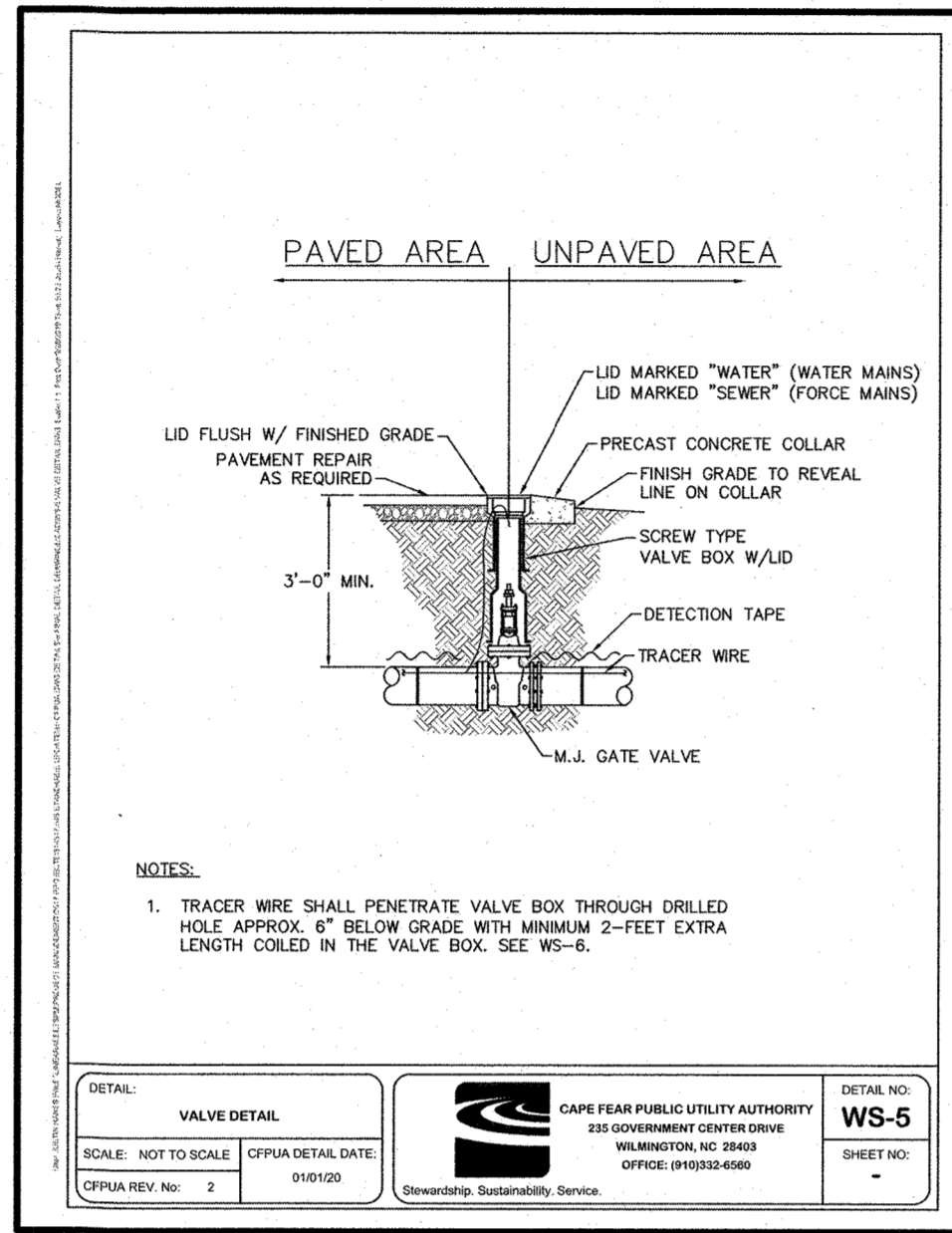
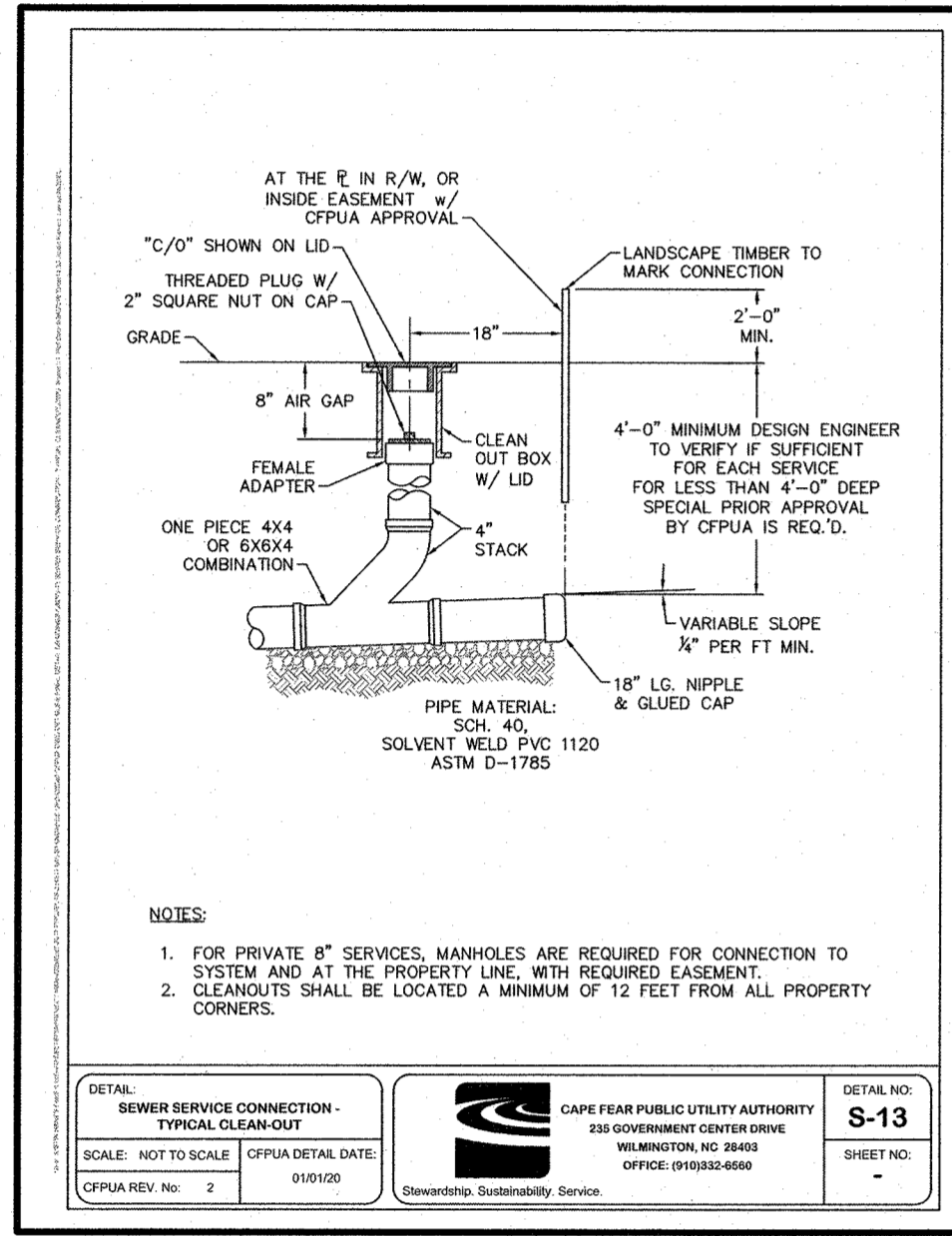


PROGRESS DRAWING
DO NOT USE FOR CONSTRUCTION

DATE 06-18-20
DESIGN PGT
DRAWN BJH

C6
SHEET 6 OF 7
19009

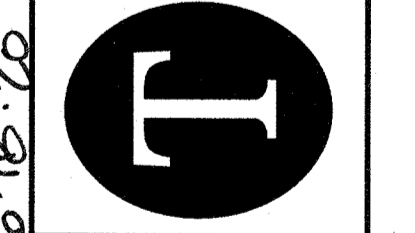
REVISIONS		
No./Date	Description	By
18-24-20	ADDED WATER DETAILS	EW



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

DETAILS AND NOTES
WOODLAND PARK SUBDIVISION
WILMINGTON, NORTH CAROLINA

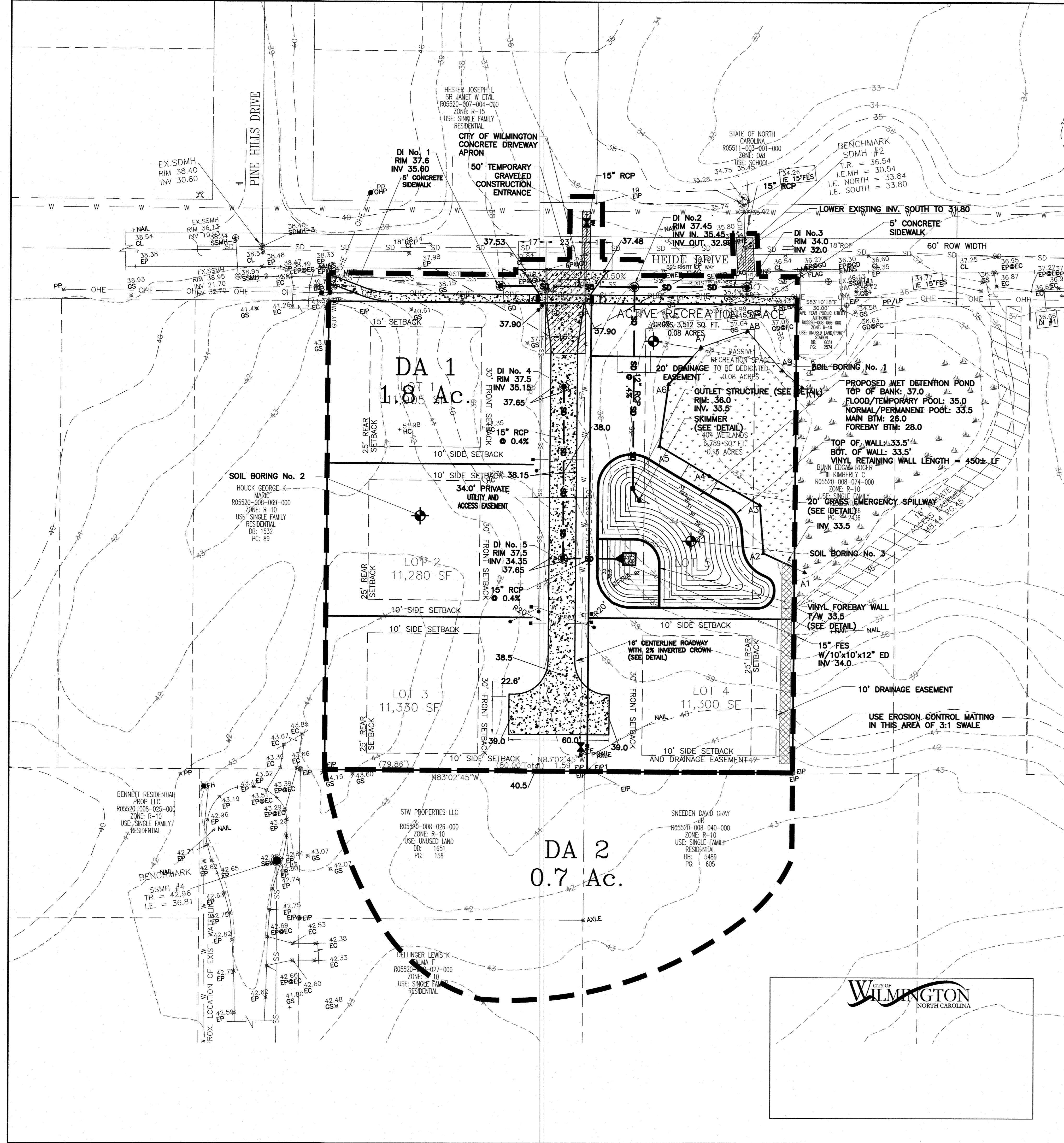
TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5661
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PROGRESS DRAWING
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DATE 06-18-20
 DESIGN PCT
 DRAWN BJH

C7
 SHEET 6 OF 7
 19009



NOTES:

ZONING

- 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC.
- 2) PERMITTING OF SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
- 3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
- 4) EXISTING EASEMENTS AS SHOWN, PROPOSED EASEMENTS AS SHOWN.
- 5) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 6) UNDERGROUND FIRE LINE(S) MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0669.

SOLID WASTE

- 1) SITE TO USE ROLL OUT CARTS.

TRAFFIC

- 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- 2) IT SHALL BE THE RESPONSIBILITY OF THE SUBMITTER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL THE SUBMITTER MUST ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBMITTER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
- 3) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
- 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
- 5) CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
- 6) ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
- 7) CONTACT TRAFFIC ENGINEERING AT 741-7888 TO DISCUSS STREET LIGHTING OPTIONS.
- 8) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
- 9) NO ROWS TO BE CLOSED.
- 10) NO STREETS PROPOSED.
- 11) NO OFF SITE PARKING PROPOSED.
- 12) PRIVATE ACCESS EASEMENTS IS PROPOSED.
- 13) TRAFFIC ENGINEERING MUST APPROVE A PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
- 14) ALL PARKING STALL MARKING AND LANE ARROWS WITHIN THE PARKING AREA SHALL BE WHITE.
- 15) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
- 16) A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-9888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
- 17) 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 PLAT. (SD 15-14 CofW TECH STDS)

LANDSCAPING

- 1) 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 PLAT.
- 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DESIGNATION.
- 3) PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- 4) ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
- 5) NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.

CEPUA

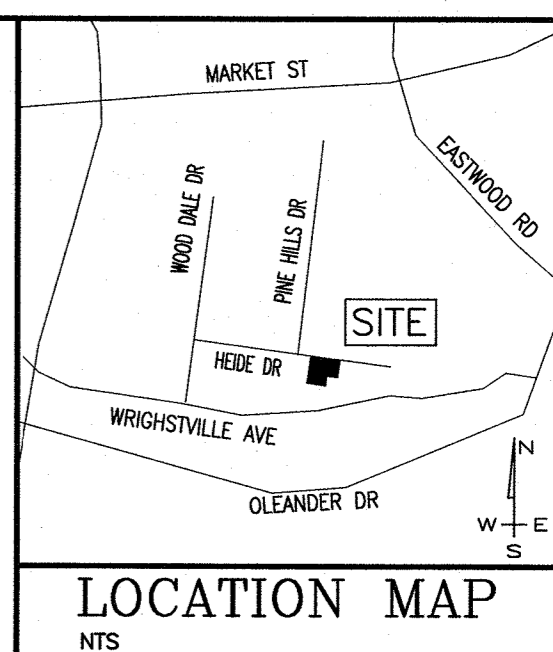
- 1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
- 2) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.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

DRAINAGE

- 1) INVERTED CROWN TO DROP INLETS TO DETENTION POND.
- 2) ALL ONSITE LOT AND ACCESS EASEMENT DRAINAGE TO BE DIRECTED TO DETENTION POND.

FIRE AND LIFE SAFETY

ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.



REVISIONS			
No.	Date	Description	By
1	06-18-20	ISSUED FOR PERMIT	EJW

SITE DATA:

PIN NUMBERS	PID: R05520-008-068-000
	PID: R05520-008-067-000
PROPERTY OWNER	STW PROPERTIES, LLC
PROJECT ADDRESS	5030 HEIDE DR.
	5032 HEIDE DR.
TRACT AREA	78,457 SF (1.80 AC)
ZONING DISTRICT	R-10
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE	
CAMA LAND USE	URBAN
PROPOSED ZONING	R-10
PROPOSED USE SQUARE FOOTAGE(S) OF USE(S)	N/A
NUMBER OF UNITS/BEDROOMS	8/20
BUILDING CONSTRUCTION TYPE	TBD
BUILDING LOT COVERAGE PERCENTAGE	
LOT 1	16%
LOT 2	16%
LOT 3	16%
LOT 4	21%
BUILDING HEIGHT / # OF STORIES	1
SF PER FLOOR	2,850 SF
BUILDING SETBACKS - REQUIRED AND PROPOSED	
	REQUIRED
FRONT: 30 FT	
SIDE: 10	
REAR: 25	
	PROPOSED
FRONT: 30 FT	
SIDE: 10	
REAR: 25	

PARKING SPACES

EXISTING IMPERVIOUS AREA	0 SF
PROPOSED ON SITE IMPERVIOUS AREA	24,760 SF
LOTS (6,190 SF PER LOT)	
ACCESS ROAD	4,920 SF
SIDEWALK	2,020 SF
FUTURE	1,225 SF
TOTAL	32,925 SF
	0.76 AC (42%) SF
PROPOSED OFF SITE IMPERVIOUS CONCRETE	2,013 SF
	.05 AC
DISTURBED AREA	92,898 SF (2.13 AC)

NUMBER OF UNITS: 4 LOTS

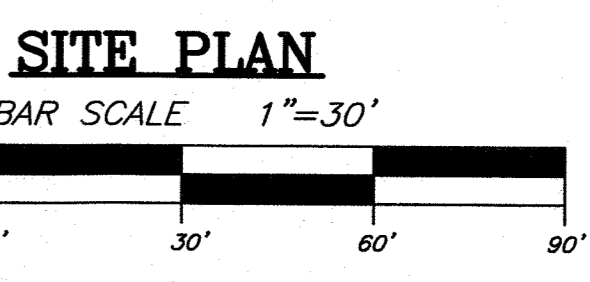
RECREATION AREA - (0.03 AC/UNIT) (4 UNITS X .03) = 0.12 AC REQ'D

** 0.08 AC. ACTIVE PROVIDED **

** 0.08 AC. PASSIVE PROVIDED **

LEGEND

SS	SEWER
W	WATER
SD	PROPOSED STORM WATER
SD	FLAIED END SECTION STORM WATER
---	LIMITS OF DISTURBANCE
TSF x TSF	TEMPORARY SILT FENCE



WOODLAND PARK SUBDIVISION
 WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
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 F & X 910-763-5631
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