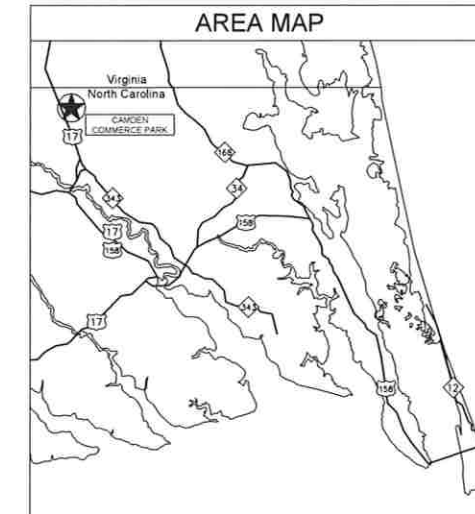
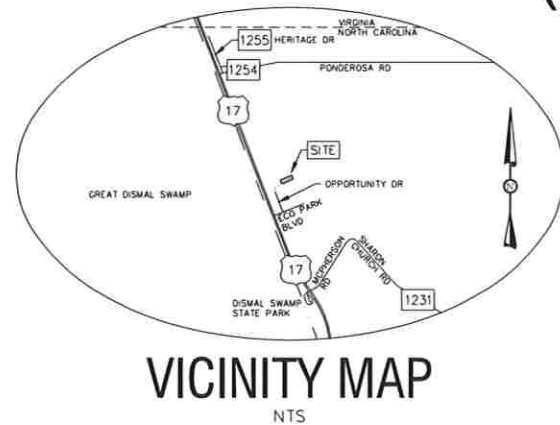


SITE PLAN FOR WAO GARAGE

MARCH 7, 2019
(REV #1 MARCH 25, 2019)

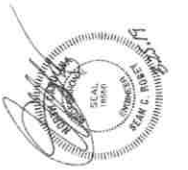
- SITE DATA:**
- OWNER/DEVELOPER:**
COASTAL CUSTOM HOMES, LLC C/O RANDALL FINCK
P.O. BOX 16215
CHESAPEAKE, VA 23328
757-334-8588
RSFINCK@GMAIL.COM
 - SITE INFORMATION:**
PIN# 01707200500728000
D.B. NO. XX, PC. XX
TAX MAP/LOT:
SITE AREA: 6.12 AC
ZONING: PUD (PLANNED UNIT DEVELOPMENT)
ADDRESS: 200 OPPORTUNITY DRIVE
SOUTH MILLS, NC 27976
EXISTING USE: VACANT
PROPOSED USE: AUTOMOTIVE GARAGE/OFFICE
 - MINIMUM SETBACKS:**
STREET: 25'/50'
SIDE: 25'/50'
REAR: 25'
 - SITE IS LOCATED IN FLOOD ZONE "X" AS SHOWN ON F.I.R.M. PANEL 3721706000, DATED OCTOBER 5, 2004.
 - THIS IS NOT A BOUNDARY SURVEY. BOUNDARY TAKEN FROM PLAT ENTITLED "MAJOR SUBDIVISION FOR CAMDEN COUNTY COMMERCE PARK" DATED 04-25-2018 BY EDWARD T. HYMAN, PLS, RECORDED IN P.C. 8, S.L.D. 126
 - TOPOGRAPHIC SITE SURVEY PERFORMED BY EASTERN CAROLINA ENGINEERING, PC ON 11-14-2018 AND 12-13-2018. ANY TOPOGRAPHIC INFORMATION OUTSIDE BOUNDARY LINE WAS GATHERED BY REFERENCING AERIAL IMAGERY.
 - ELEVATIONS ARE TO NAVD 88 (2011 REVISION) BASED ON DRUS SOLUTION OF MAG NAD (ELEV. 18.45) LOCATED AT THE INTERSECTION OF OPPORTUNITY DRIVE AND ECO PARK BOULEVARD.
 - SOILS INFORMATION RETRIEVED FROM USDA WEB SOIL SURVEY ON 12-7-2018.
 - ON-SITE COVERAGE CALCULATIONS:**
EXISTING BUA: 0 SF (0.00%)
(PRIOR TO DEMOLITION)
PROPOSED IMPERVIOUS AREA:
BUILDING: 14,400 SF (5.40%)
VEHICULAR AREA: 21,990 SF (8.25%)
SIDE WALK: 516 SF (0.19%)
FRONTAGE APRON: 700 SF (0.26%)
FUTURE: 10,000 SF (3.75%)
TOTAL PROPOSED: 47,606 SF (17.85%)
TOTAL COVERAGE: 47,606 SF (17.85%)
MAX. ALLOWABLE BUA: 106,984 SF (40.13%)
(PER NCDD PERMIT #98710609)
 - ANY FUTURE SIGNAGE MUST BE APPROVED AND PERMIT ISSUED BY THE CAMDEN COUNTY PLANNING DEPARTMENT PRIOR TO INSTALLATION.
 - ALL UTILITY CONNECTIONS SHALL BE COORDINATED WITH THE CAMDEN COUNTY PUBLIC WORKS DEPARTMENT.
 - CONTRACTOR SHALL INSPECT AND MAINTAIN AS NEEDED ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH MAJOR STORM EVENT. FAILURE TO KEEP EROSION CONTROL DEVICES IN GOOD WORKING ORDER MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.
 - ANY FILL BROUGHT ON SITE SHALL BE FROM AN APPROVED SOURCE. ANY MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A SINGLE APPROVED LOCATION.
 - DISTURBED AREA WILL NOT EXCEED 1.80 ACRES.
 - NO EXTERIOR STORAGE CONTAINERS, BUILDINGS, ENCLOSURES, ETC. SHALL BE ERCTED ON THIS SITE WITHOUT PRIOR APPROVAL FROM THE CAMDEN COUNTY PLANNING DEPARTMENT.
 - LANDSCAPING REQUIREMENTS:**
STREETFRONT BUFFERS:
REQUIRED BUFFER:
2 TREES PER 100' STREET FRONTAGE
EXCLUDING DRIVEWAYS AND SIGHT TRIANGLES
STREET FRONTAGE 247'
DRIVEWAY WIDTH - 30'
SIGHT TRIANGLES - 70'
APPLICABLE WIDTH 147'
147'(90%) = 3 TREES REQUIRED
REQUEST IS MADE UNDER THIS PLAN FOR 2 TREES CREDIT FOR EXISTING VEGETATION ON NORTH SIDE OF PROPOSED DRIVEWAY.
1 TREE IS PROPOSED ON SOUTH SIDE OF PROPOSED DRIVEWAY.
PARKING LOT LANDSCAPING:
REQUIRED PLANTINGS:
1 TREE PER 12 PARKING SPACES
EVERGREEN SHRUBS 3' ON CENTER ADJACENT TO PERIMETER.
15/12 = 2 TREES REQUIRED
(2 PROVIDED)
95 EVERGREEN SHRUBS PROPOSED TO MEET PERIMETER PLANTING REQUIREMENTS.



SOUTH MILLS TOWNSHIP
CAMDEN COUNTY
NORTH CAROLINA

SHEET INDEX

- T001 COVER SHEET
- C100 EX. CONDITIONS & DEMO PLAN
- C200 SITE PLAN
- C302 GRADING & DRAINAGE PLAN
- C304 EROSION CONTROL PLAN
- C903 DETAILS
- C904 DETAILS



SITE PLAN FOR
WAO GARAGE
200 OPPORTUNITY DRIVE
SOUTH MILLS TOWNSHIP / CAMDEN COUNTY
NORTH CAROLINA

REVISIONS:
NUM. DATE DESCRIPTION
1 03/25/2019 REVISIONS AS PER COMMENTS FROM D. PARKS

Project # 180089
Drawing # 180089 SITE.dwg

Drawn: BLR
Checked: BLR
Approved: SCR
Date: 3/7/2019
Scale: # NTS



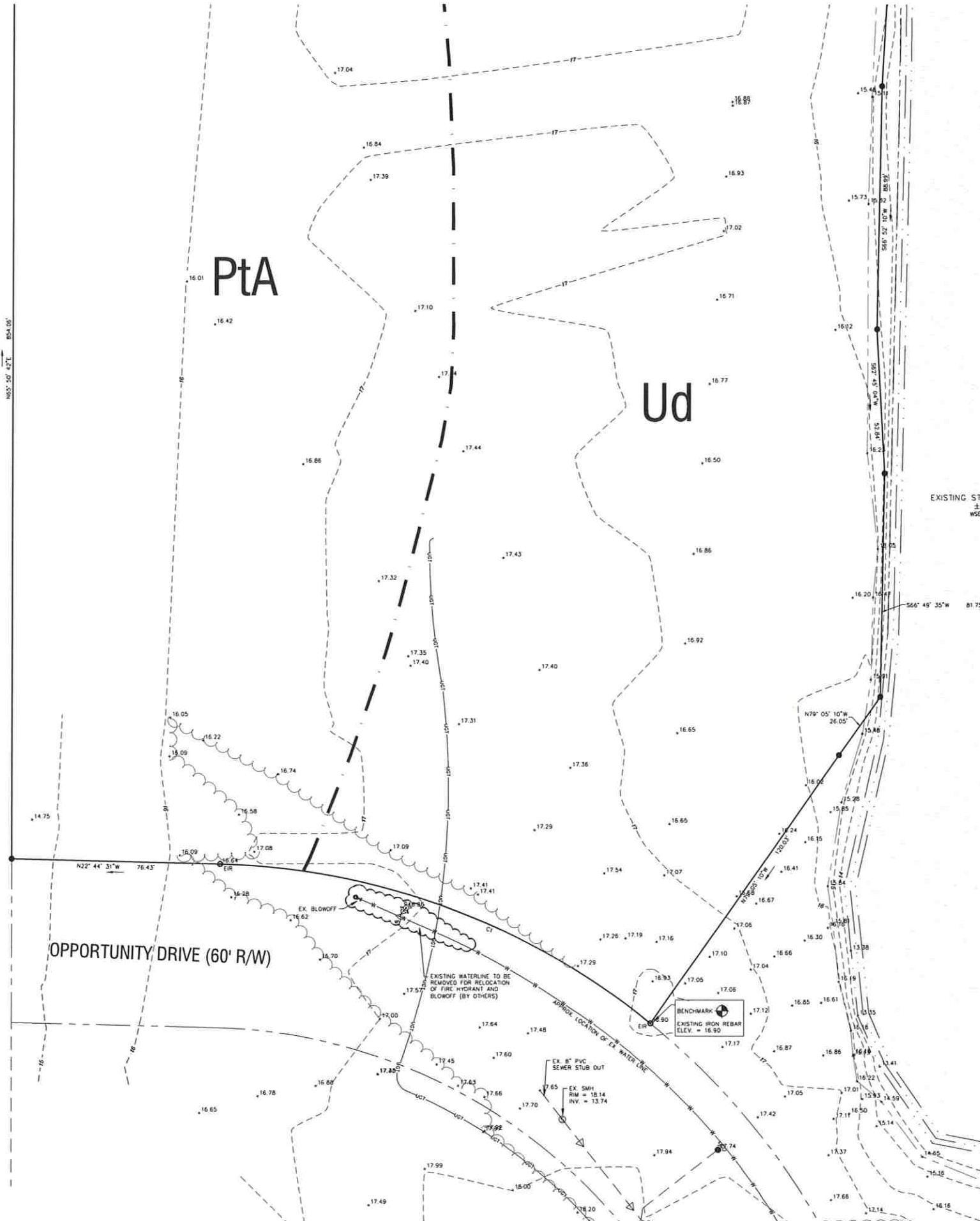
Know what's below.
Call before you dig.

SHEET TITLE
COVER SHEET
SHEET NUMBER
T001



CURVE TABLE						
CURVE	ARC LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	CHORD LENGTH
C1	171.22'	280.00'	88.84'	37°43'53"	N3°52'34"W	168.14'

N/T
 N. T. LEWIS, LLC
 D.B. 236, PG. 512
 PIN# 0170E2002245780000
 ZONED: HC (HIGHWAY COMMERCIAL)

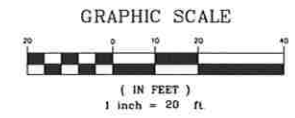


LEGEND

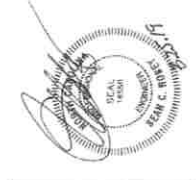
	BENCH MARK
	FOUND CORNER (TYPE AS NOTED)
	CALCULATED CORNER
	EXISTING SPOT GRADE
	EXISTING SEWER CLEANOUT
	EXISTING SEWER MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING WOODS LINE
	RIGHT OF WAY
	EXISTING CONTOUR
	EXISTING TOP OF BANK
	EXISTING CENTERLINE OF DITCH
	EXISTING STORMWATER PIPE
	EXISTING UNDERGROUND ELECTRIC
	EXISTING SANITARY SEWER PIPE
	EXISTING WATERLINE
	EXISTING ASPHALT

SOIL INFORMATION

ABBREVIATION	NAME	HYDROLOGIC SOIL GROUP
PtA	PORTSMOUTH FINE SANDY LOAM	B/D
Ud	UDORTHERTS, LOAMY	B



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 Engineering - Surveying - Construction Management
 www.easterncarolinaengineering.com
 Phone: 252-335-1888 Fax: 252-331-2390 License: C-1162
 154 US Hwy 158 East, Camden, NC 27921



**SITE PLAN FOR
 WAO GARAGE
 200 OPPORTUNITY DRIVE
 SOUTH MILLS TOWNSHIP / CAMDEN COUNTY
 NORTH CAROLINA**

REVISIONS:

NUM.	DATE	DESCRIPTION
1	03/25/2019	REVISIONS AS PER COMMENTS FROM D. PARKS

Project #: 180089
 Drawing #: 180089 SITE.GWG
 Drawn: BLR
 Checked: BLR
 Approved: 3/27/2019
 Sheet #: 2/7
 Scale: 1" = 20'

SHEET TITLE:
**EXISTING
 CONDITIONS
 & DEMO**
 SHEET NUMBER:
C100



CURVE TABLE						
CURVE	ARC LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	CHORD LENGTH
CI	171.22'	260.00'	88.84'	37°43'53"	N3°52'34"W	168.14'

LANDSCAPING REQUIREMENTS:

STREET YARD BUFFER:

REQUIRED BUFFER:
 2 TREES PER 100' STREET FRONTAGE
 EXCLUDING DRIVEWAYS AND SIGHT TRIANGLES

STREET FRONTAGE = 247'
 DRIVEWAY WIDTH = 30'
 SIGHT TRIANGLES = 20'
 APPLICABLE WIDTH = 147'

147'(147) = 3 TREES REQUIRED

REQUEST IS MADE UNDER THIS PLAN FOR 2 TREES
 CREDIT FOR EXISTING VEGETATION ON NORTH SIDE OF
 PROPOSED DRIVEWAY
 1 TREE IS PROPOSED ON SOUTH SIDE OF PROPOSED
 DRIVEWAY

PARKING LOT LANDSCAPING:

REQUIRED PLANTINGS:
 1 TREE PER 12 PARKING SPACES
 EVERGREEN SHRUBS 3' ON CENTER ADJACENT TO
 PERIMETER

15/12 = 2 TREES REQUIRED
 (2 PROVIDED)

95 EVERGREEN SHRUBS PROPOSED TO MEET PERIMETER
 PLANTING REQUIREMENTS.

N/T
 N. T. LEWIS, LLC
 D.B. 250, P.C. 512
 PIN# 017082002245780000
 ZONED: HC (HIGHWAY COMMERCIAL)

LANDSCAPING PLAN

- SPECIES USED:**
- TREES (2 Req'd)
 - (1 Req'd)
 - (3 Req'd)
- SPECIES USED:**
- (48 Req'd)
 - (47 Req'd)
 - (95 Req'd)

TREES TO BE A MINIMUM CALIPER OF 2" (MEASURED 6" ABOVE GRADE) AT TIME OF PLANTING. TREES SHALL ATTAIN MIN. 25'-40' HEIGHT AT MATURITY.

SHRUBS TO BE A MINIMUM 3 GALLON SIZE AT TIME OF PLANTING. SHRUBS SHALL REACH A MINIMUM HEIGHT OF 30" AND A SPREAD OF 30 INCHES WITHIN 3 YEARS OF PLANTING.

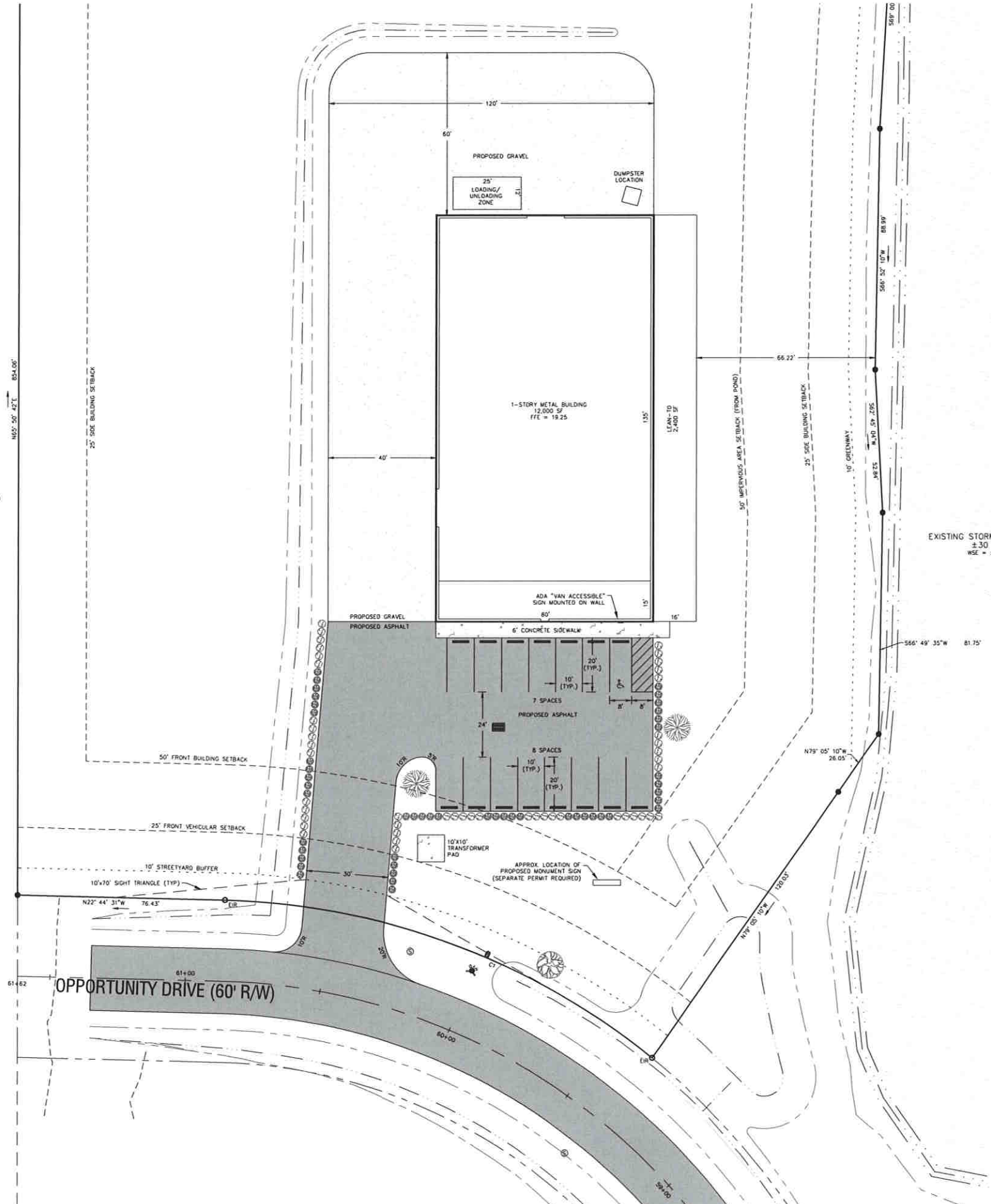
MAINTAIN 2 FT CLEARANCE FROM EDGE OF PAVEMENT TO NEAREST SIDE OF SHRUBS (DUE TO POSSIBLE VEHICLE OR PEDESTRIAN ENCROACHMENT).

INSTALL PLANTS SUCH THAT 3' CLEARANCE WILL BE MAINTAINED BETWEEN MATURE PLANTS AND ELECTRICAL TRANSFORMERS AND FIRE HYDRANTS.

LANDSCAPED AREAS IMMEDIATELY ADJACENT TO SHRUBS SHALL BE MULCHED AND REMAINING AREAS SHALL BE GRASS GROUND COVER. MULCHED AREAS SHALL RECEIVE A MINIMUM OF 3" OF TRIPLE SHREDDED HARDWOOD MULCH. PINE STRAW SHALL NOT BE USED AS MULCH.

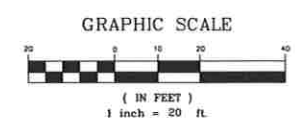
LANDSCAPING MUST BE INSTALLED AS SHOWN ON THIS PLAN. CHANGES MUST BE APPROVED BY THE CAMDEN COUNTY PLANNING DEPARTMENT PRIOR TO INSTALLATION.

REQUIRED LANDSCAPING SHALL NOT BE PLANTED IN THE RIGHT-OF-WAY.

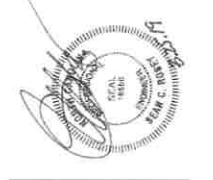


LEGEND

	BENCH MARK
	FOUND CORNER (TYPE AS NOTED)
	CALCULATED CORNER
	PROPOSED DROP INLET
	EXISTING SEWER MANHOLE
	PROPOSED SEWER MANHOLE
	PROPOSED FIRE HYDRANT
	PROPOSED WATER METER
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	RIGHT OF WAY
	EXISTING TOP OF BANK
	EXISTING CENTERLINE OF DITCH
	PROPOSED TOP OF BANK
	PROPOSED CENTERLINE OF DITCH
	EXISTING POND SURFACE
	EXISTING ASPHALT
	PROPOSED ASPHALT
	PROPOSED CONCRETE



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 154 US Hwy 158 East, Camden, NC 27921



**SITE PLAN FOR
 WAO GARAGE**
 200 OPPORTUNITY DRIVE
 SOUTH MILLS TOWNSHIP / CAMDEN COUNTY
 NORTH CAROLINA

REVISIONS:

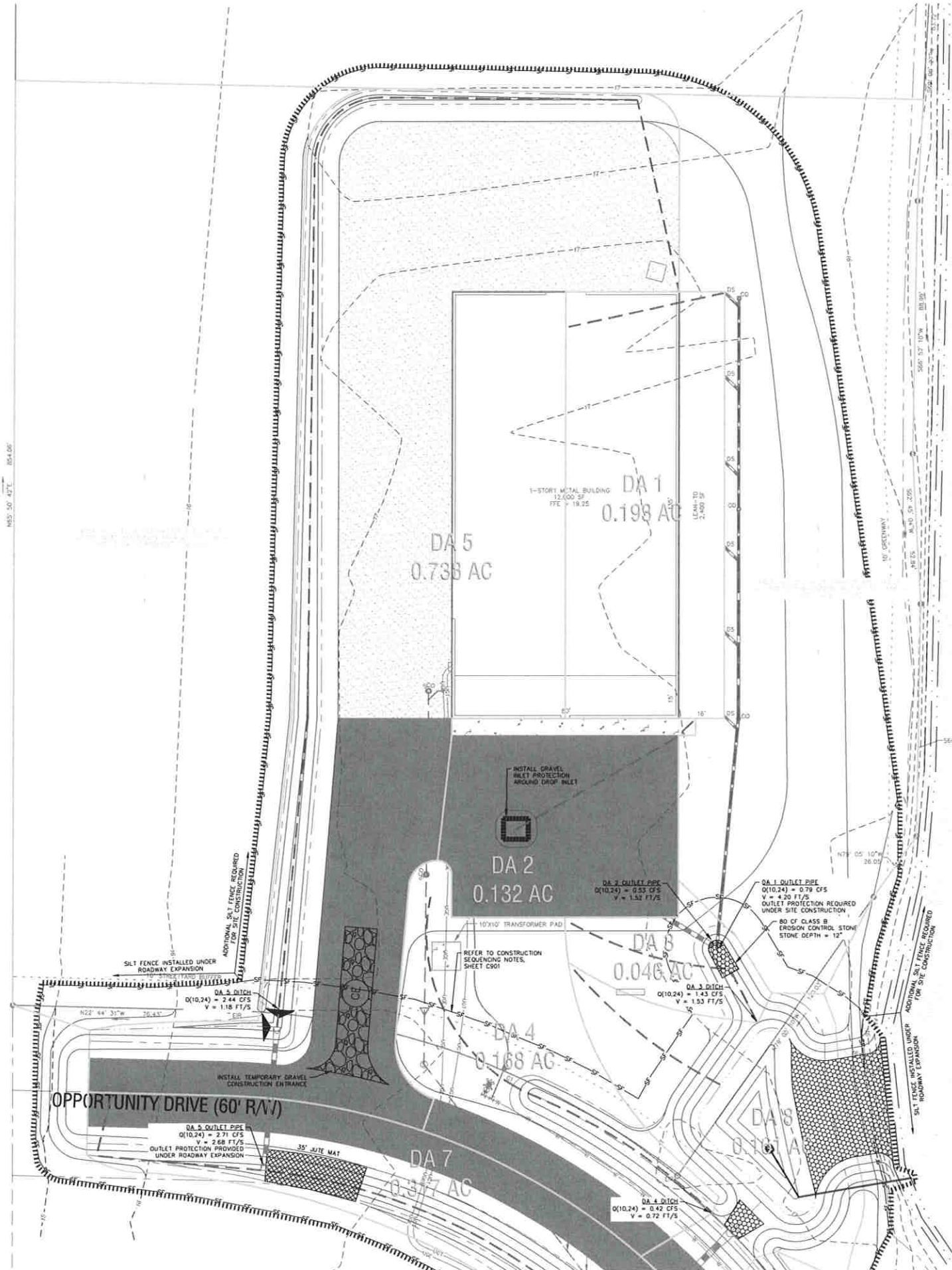
NUM.	DATE	DESCRIPTION
1	03/25/2019	REVISIONS AS PER COMMENTS FROM C. PARKS

Project #: 180089
 Drawing #: 180089 SITE.dwg
 Drawn: BLR
 Checked: BLR
 Approved: SCR
 Sheet #: 3/7
 Scale: 1" = 20'

SHEET TITLE:
SITE PLAN
 SHEET NUMBER:
C200

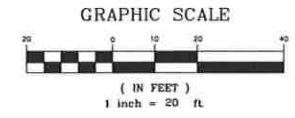


N/T
 H. T. LEWIS, LLC
 218 396 P.C. 522
 P.M. 017063002245790000
 ZONED: HC (HIGHWAY COMMERCIAL)



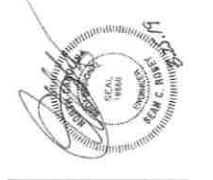
LEGEND

- SILT FENCE
- LIMITS OF DISTURBANCE
- PROPOSED CHECK DAM
- PROPOSED GRAVEL INLET PROTECTION
- PROPOSED JUTE MAT
- PROPOSED RIPRAP
- TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
- DRAINAGE AREA DELINEATION LINE
- TRAVEL PATH FOR TC



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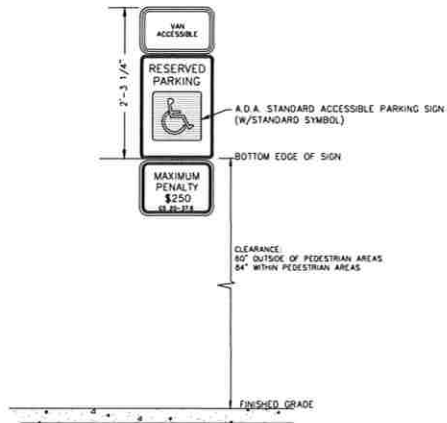


**SITE PLAN FOR
 WAO GARAGE
 200 OPPORTUNITY DRIVE
 SOUTH MILLS TOWNSHIP / CAMDEN COUNTY
 NORTH CAROLINA**

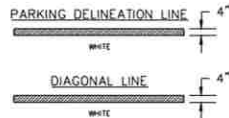
REVISIONS:	DESCRIPTION
1	REVISIONS AS PER COMMENTS FROM D. PARKS

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 Drawing #: 180089 SITE.dwg
 Drawn: BLR
 Checked: BCR
 Date: 3/7/2019
 Sheet #: 5/7
 Scale: 1" = 20'

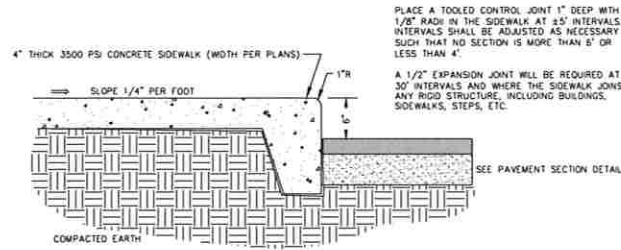
SHEET TITLE
EROSION CONTROL PLAN
 SHEET NUMBER
C304



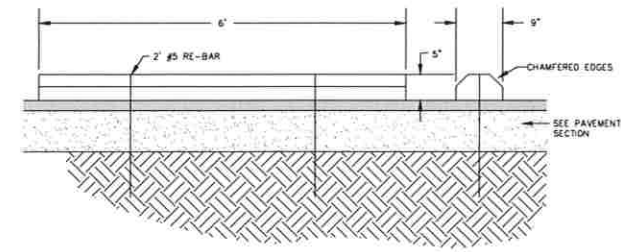
ADA VAN ACCESSIBLE PARKING SIGN
NTS



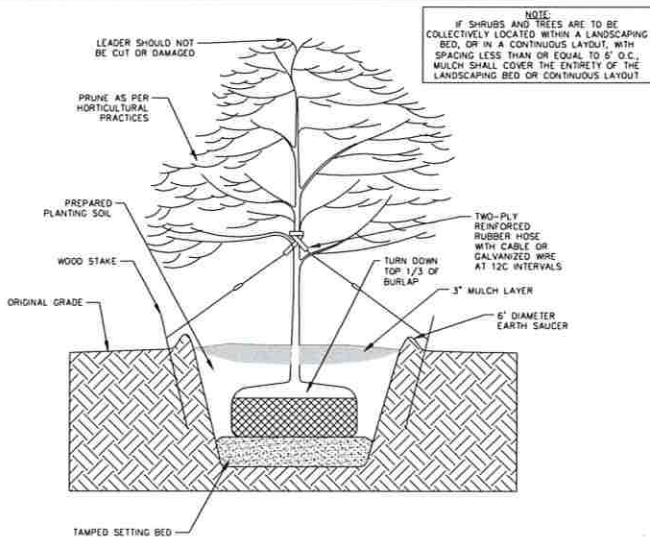
PAVEMENT MARKINGS LINE TYPES
NTS



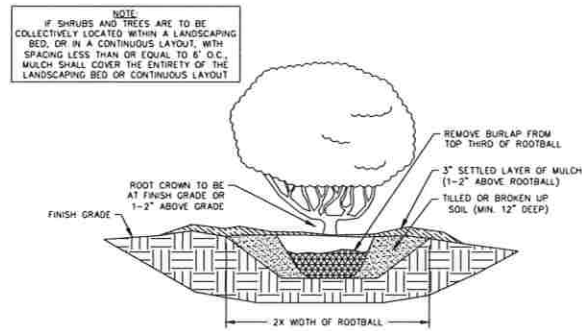
CONCRETE SIDEWALK DETAIL
NTS



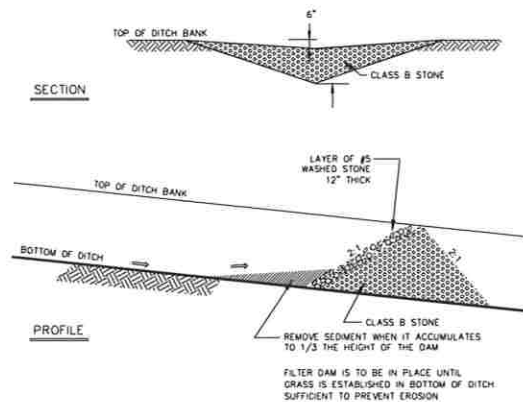
PRECAST PARKING BLOCK
NTS



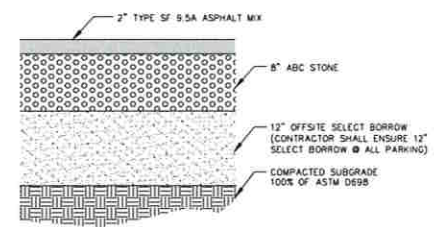
TREE PLANTING DETAIL
NTS



SHRUB PLANTING DETAIL
NTS



CHECK DAM DETAIL
NTS



ASPHALT PAVEMENT SECTION
NTS

SEEDBED PREPARATION

THE CONTRACTOR SHALL CUT AND DISPOSE OF WEEDS OR OTHER UNACCEPTABLE GROWTH ON THE AREAS TO BE SEED. UNEVEN OR ROUGH AREAS SHALL BE SHARPE AND SMOOTHED TO PROVIDE FOR EFFECTIVE SEEDING AND EASE OF MOWING. THE SOIL SHALL BE SCARIFIED TO A DEPTH OF NOT LESS THAN 5 INCHES. CLODS SHALL BE BROKEN AND THE TOP 3-4 INCHES OF THE SOIL SHALL BE WORKED INTO A SEEDBED BY THE USE OF PULVERIZERS, DRAGS, OR HARROWS. THE PREPARATION OF SEEDBEDS SHALL NOT BE DONE WHEN THE SOIL IS FROZEN OR EXTREMELY WET.

SOIL AMENDMENTS

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000-5,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE (USE THE LOWER RATE ON SANDY SOILS) AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCHING

APPLY 4,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, RIVETS, OR BY CRIMPING WITH A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCHING TOOL.

MAINTENANCE

IF GROWTH IS LESS THAN FULLY ADEQUATE, REFERTILIZE IN THE SECOND YEAR, ACCORDING TO SOIL TESTS OR TOPDRESS WITH 500 LB/ACRE 10-10-10 FERTILIZER. MOW AS NEEDED WHEN SERICEA IS OMITTED FROM THE MIXTURE. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY.

SEEDING & MULCHING

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED ON ALL AREAS OF THE SITE WHICH ARE DISTURBED OR GRADED.

PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY FOR SLOPES 3:1 OR FLATTER AND LESS THAN 50' IN LENGTH, FOR SLOPES 4:1 OR FLATTER OF ANY LENGTH (EXCEPT FOR PERIMETERS AND HOW ZONES), AND SLOPES NO STEEPER THAN 2:1 AND LESS THAN 10' IN LENGTH.

PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 7 CALENDAR DAYS FOR SLOPES STEEPER THAN 3:1 OR SLOPES 3:1 OR FLATTER GREATER THAN 50' IN LENGTH, FOR HIGH QUALITY WATER (HQW) ZONES, AND PERIMETER DIKES, SWALES, DITCHES AND SLOPES.

PROVIDE GROUNDCOVER (TEMPORARY OR PERMANENT) ON ALL EXPOSED SLOPES WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING, AND A PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.

THE CONTROL MEASURES SHALL BEGIN PRIOR TO ANY LAND DISTURBING ACTIVITY INCLUDING CLEARING, SHALL CONTINUE DURING CONSTRUCTION AND SHALL CONTINUE WITH THE NECESSARY MAINTENANCE UNTIL THE DISTURBED LAND IS STABILIZED. COMPLIANCE WITH LOCAL AND/OR STATE SOIL EROSION AND SEDIMENTATION CONTROL LAWS SHALL BE THE ENTIRE RESPONSIBILITY OF THE CONTRACTOR. THIS PARAGRAPH IS INTENDED TO SERVE ONLY AS A GUIDE TO THE CONTRACTOR FOR COMPLIANCE WITH SUCH LAWS. ORDERS, RULES AND REGULATIONS CONCERNING EROSION AND SEDIMENTATION CONTROL, PROTECTION OF EXISTING STRUCTURES AND FACILITIES FROM SEDIMENTATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ITEMS TO BE PROTECTED SHALL INCLUDE, BUT ARE NOT LIMITED TO, CATCH BASINS, NATURAL WATERWAYS, DRAINAGE DITCHES, WALKS, DRIVES, ROADS, LAWNS, AND STREAMS.

EROSION CONTROL MEASURES

SEEDING MIXTURE	RATE (LB/ACRE)
TALL FESCUE	80
PENSACOLA BAHIAGRASS	50
SERICEA LESPEDEZA	30
KOBE LESPEDEZA	10

SEEDING NOTES

1. FROM SEPT 1 - MAR 1, USE UNSCARIFIED SERICEA SEED
2. ON POORLY DRAINED SITES, OMIT SERICEA AND INCREASE KOBE TO 30 LB/ACRE
3. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND INCREASE KOBE TO 40 LB/ACRE.

NURSE PLANTS

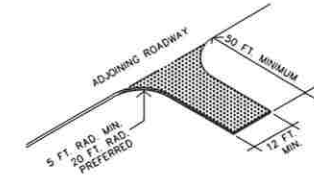
BETWEEN APRIL 15 AND AUG 15, ADD 10 LB/ACRE GERMAN MULLET OR 15 LB/ACRE SUDAGRASS. PRIOR TO MAY 1 OR AFTER AUG 15, ADD 25 LB/ACRE RYE (GRAIN).

SEEDING DATES

SEEDING DATES	BEST	POSSIBLE
EARLY SPRING:	FEB 15-MAR 20	FEB 15-APR 30
FALL:	SEPT 1-SEPT 30	SEPT 1-OCT 31

SEEDING SCHEDULE

- A. NCDDOT CLASS 'A' STONE SHALL BE USED. STONE SHALL BE INSTALLED AT 6" MINIMUM DEPTH.
- B. PAD SHALL BE MINIMUM OF 50' MIN. IN LENGTH WITH SHALL BE 12' MINIMUM OR FULL WIDTH OF DRIVEWAY, WHICHEVER IS GREATER.
- C. TURNING RADIUS SUFFICIENT TO ACCOMMODATE LARGE TRUCKS TO BE PROVIDED.
- D. ENTRANCE(S) SHALL BE LOCATED TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.
- E. PAD MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
- F. AFTER EACH RAINFALL EVENT, INSPECT AND CLEAN AS NECESSARY.
- G. ANY MATERIAL WHICH IS TRACKED ONTO ADJACENT ROAD SHALL BE REMOVED IMMEDIATELY.



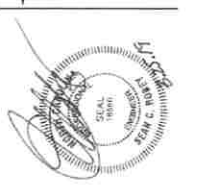
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
NTS

1. INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE PAD. (SEE DETAIL)
2. INSTALL EROSION CONTROL DEVICES AT SITE DISCHARGE POINTS TO PREVENT OFF SITE SEDIMENTATION. SILT FENCE REQUIRED BY SITE CONSTRUCTION SHALL BE INSTALLED BEFORE THE REMOVAL OF ANY LENGTH OF SILT FENCE FOR THE ADJACENT ROADWAY EXTENSION (INSTALLED BY OTHERS)
3. CUT NEW SWALES AND DITCHES. THESE SHALL BE COMPLETED AND STABILIZED PRIOR TO CONSTRUCTION OF PARKING AND DRIVEWAYS.
4. INSTALL THE REMAINING SEDIMENT AND EROSION CONTROL PROTECTION.
5. PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY FOR SLOPES 3:1 OR FLATTER AND LESS THAN 50' IN LENGTH, FOR SLOPES 4:1 OR FLATTER OF ANY LENGTH (EXCEPT FOR PERIMETERS AND HOW ZONES), AND SLOPES NO STEEPER THAN 2:1 AND LESS THAN 10' IN LENGTH.
6. PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 7 CALENDAR DAYS FOR SLOPES STEEPER THAN 3:1 OR SLOPES 3:1 OR FLATTER GREATER THAN 50' IN LENGTH, FOR HIGH QUALITY WATER (HQW) ZONES, AND PERIMETER DIKES, SWALES, DITCHES AND SLOPES.
7. MONITOR AND MAINTAIN THE INSTALLED EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
8. ONCE VEGETATION IS ESTABLISHED, REMOVE THE CONTROL DEVICES.

CONSTRUCTION SEQUENCING

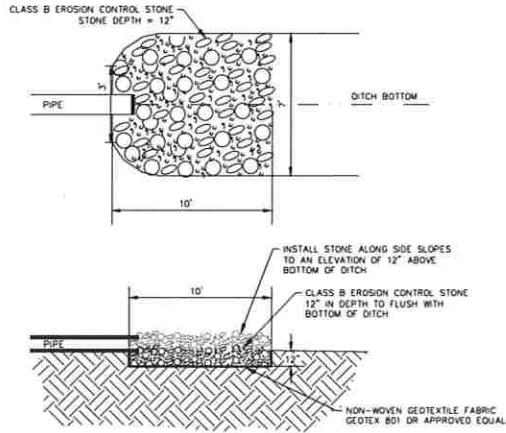


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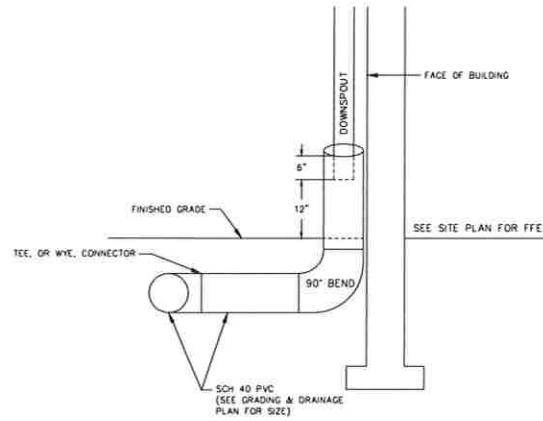
REVISIONS:
NUM. DATE DESCRIPTION
1 03/25/2019 REVISIONS AS PER COMMENTS FROM D. PARKS

Project # 180089
Drawing # 180089 SITE.dwg
Drawn: BLR
Checked: BLR
Approved: SCR
Sheet # 6/7
Scale: NTS



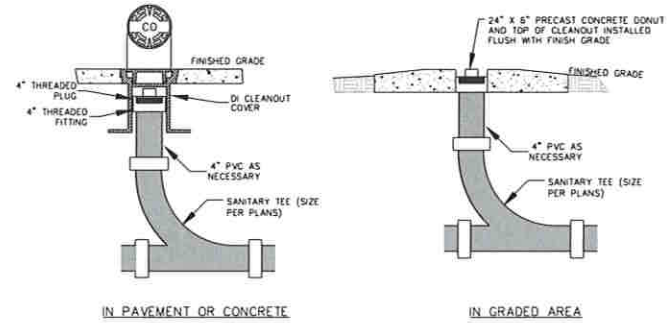
RIPRAP APRON

NTS



ROOF DRAIN DETAIL

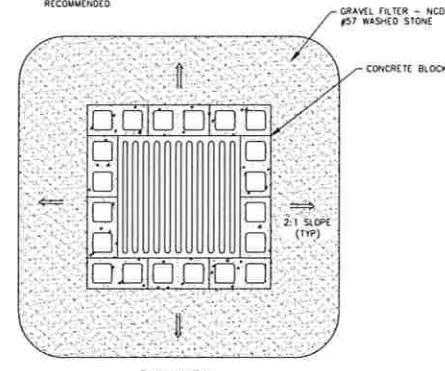
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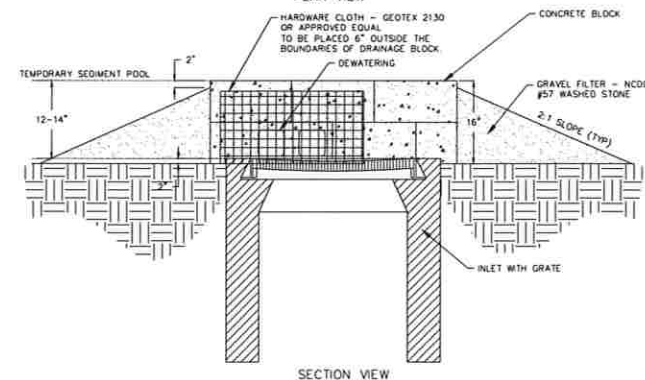
SEWER CLEANOUT (SANITARY & STORM)

NTS

- CONSTRUCTION SPECIFICATIONS:**
- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW PROPER DRAINAGE. THE BLOCK FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO SUBSEQUENT ROWS BY PLACING 2 X 4 WOOD STUDS THROUGH BLOCK OPENINGS.
 - CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
 - USE CLEAN GRAVEL, 3/4- TO 1 1/2-INCH IN DIAMETER, PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT TO AN EVEN GRADE. NCDOT #57 WASHED STONE IS RECOMMENDED.



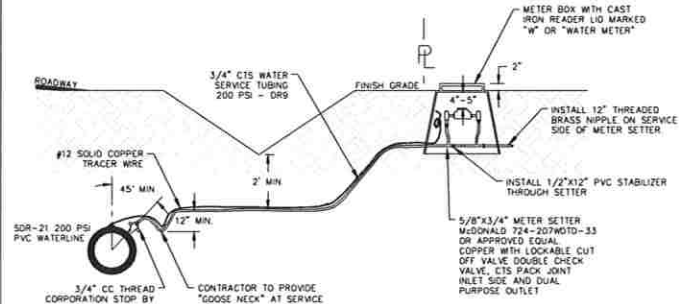
PLAN VIEW



SECTION VIEW

BLOCK AND GRAVEL INLET PROTECTION

NTS



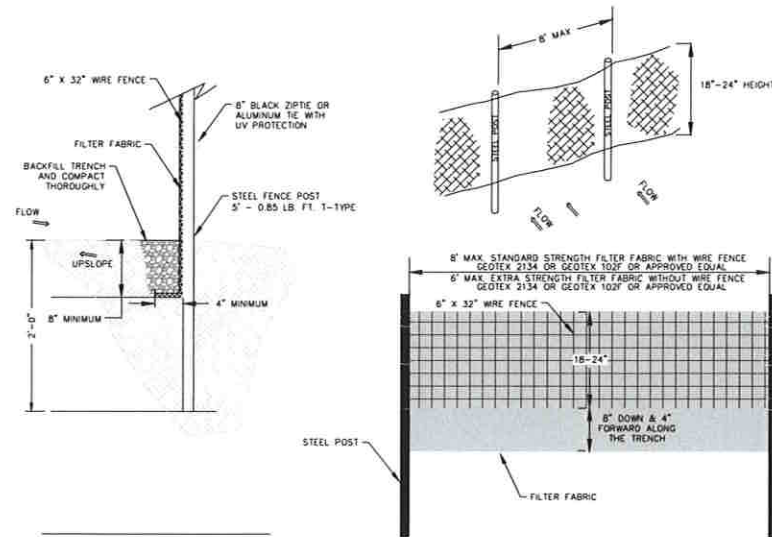
- NOTES:**
- SERVICE SADDLE SHALL BE SINGLE BRONZE STRAP, TWO PIECE BOLTED, CC THREAD, BY McDONALD, MUELLER, OR APPROVED EQUAL. SIZES AS REQUIRED. 2" AND UP REQUIRE DOUBLE STRAP SADDLE. USE STAINLESS STRAP FOR 12" PIPE AND LARGER.
 - CONTRACTOR TO FURNISH AND INSTALL PLASTIC METER BOX WITH CAST IRON READER LID AND METER SETTER (BY MUELLER OR McDONALD) TO MEET CAMDEN COUNTY STANDARDS.

3/4" WATER SERVICE LATERAL DETAIL

NTS

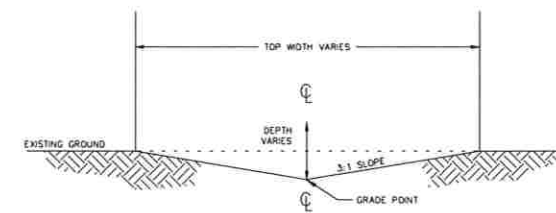
CONSTRUCTION

- CONSTRUCT THE SEDIMENT BARRIER OF STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS.
- ENSURE THAT THE HEIGHT OF THE SEDIMENT FENCE DOES NOT EXCEED 24 INCHES ABOVE THE GROUND SURFACE. (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.)
- CONSTRUCT THE FILTER FABRIC FROM A CONTINUOUS ROLL OUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN THE JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER CLOTH ONLY AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST.
- SUPPORT STANDARD STRENGTH FILTER FABRIC BY WIRE MESH FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS. EXTEND THE WIRE MESH SUPPORT TO THE BOTTOM OF THE TRENCH. FASTEN THE WIRE REINFORCEMENT, THEN THE FABRIC ON THE UPSLOPE SIDE OF THE FENCE POST. WIRE OR PLASTIC ZIP TIES SHOULD HAVE MINIMUM 50 POUND TENSILE STRENGTH.
- WHEN A WIRE MESH SUPPORT FENCE IS USED, SPACE POSTS A MAXIMUM OF 8 FEET APART. SUPPORT POSTS SHOULD BE DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 24 INCHES.
- EXTRA STRENGTH FILTER FABRIC WITH 6 FEET POST SPACING DOES NOT REQUIRE WIRE MESH SUPPORT FENCE. SECURELY FASTEN THE FILTER FABRIC DIRECTLY TO POSTS. WIRE OR PLASTIC ZIP TIES SHOULD HAVE MINIMUM 50 POUND TENSILE STRENGTH AND A 6 MONTH UV PROTECTION RATING.
- EXCAVATE A TRENCH APPROXIMATELY 4 INCHES WIDE AND 8 INCHES DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
- PLACE 12 INCHES OF THE FABRIC ALONG THE BOTTOM SIDE OF THE TRENCH.
- BACKFILL THE TRENCH WITH SOIL PLACED OVER THE FILTER FABRIC AND COMPACT THOROUGH COMPACTION OF THE BACKFILL IS CRITICAL TO SILT FENCE PERFORMANCE.
- DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.



SILT FENCE DETAIL

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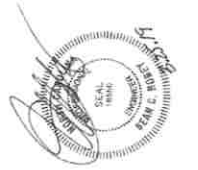


TYPICAL DITCH OR SWALE

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REVISIONS:	DESCRIPTION
1	REVISIONS AS PER COMMENTS FROM D. PARKS

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