

VICINITY MAP
NTS

Hwy 55™

TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GEORGIA
PHONE: (404) 913-9131
Matt@Trackwestpartners.com

SITE ADDRESS: 1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

CSD PROJECT NUMBER: TRW-2003

SHEET INDEX

- C-1 EXISTING CONDITIONS / DEMOLITION PLAN
- C-2 SITE PLAN
- C-3 GRADING & EROSION CONTROL PLAN
- C-4 NPDES STABILIZATION PLAN
- C-5 NPDES DETAILS
- C-6 UTILITY PLAN
- C-7 LANDSCAPE PLAN
- C-8 LANDSCAPE DETAILS
- C-9 DETAILS
- C-10 DETAILS
- C-11 DETAILS

SITE INFORMATION	
SITE ADDRESS:	1424 CURTIS BRIDGE ROAD
PARCEL IDENTIFICATION NUMBER:	2205069
DEVELOPER:	TRACK WEST PARTNERS 445 BISHOP ST NW ATLANTA, GEORGIA PHONE: (404) 913-9131
DESIGNER:	COMMERCIAL SITE DESIGN, PLLC 8312 CREEDMOOR ROAD RALEIGH, NORTH CAROLINA 27613 PHONE: (919) 848-6121 FAX: (919) 848-3741
ZONING:	B-2 (GENERAL BUSINESS)
EXISTING USE:	VACANT
PROPOSED USE:	RESTAURANT WITH DRIVE-THRU
BUILDING SETBACKS: FRONT SIDE REAR	30 FEET 0 FEET 20 FEET
PARKING REQUIREMENTS:	1 SPACE PER 3 SEATS AND 3 STACKING SPACES FOR EACH WINDOW
PARKING PROVIDED:	55 REGULAR SPACES 2 HANDICAP SPACES 57 TOTAL SPACES
TOTAL SITE AREA: DISTURBED AREA: EXISTING IMPERVIOUS AREA: PROPOSED IMPERVIOUS AREA:	56,489 SF OR 1.29 ACRES 57,305 SF OR 1.31 ACRES 23,494 SF OR 0.53 ACRES 39,597 SF OR 0.90 ACRES
BUILDING AREA:	2,949 SF

REVISIONS:

NO.	DATE	DESCRIPTION	BY



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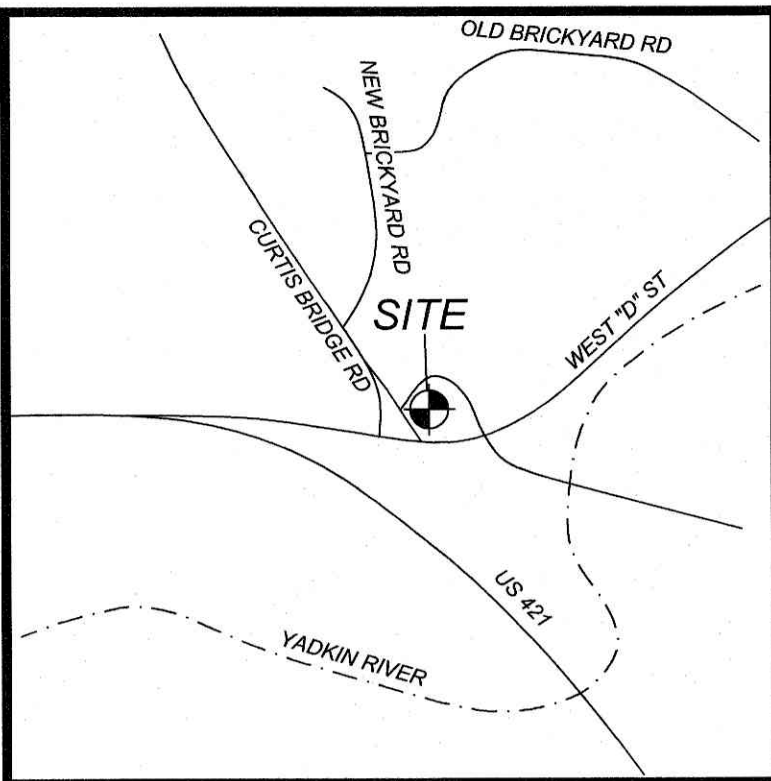


8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613



COMMERCIAL
SITE DESIGN

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VICINITY MAP
NTS

FLOOD INFORMATION

SUBJECT PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. COMMUNITY PANEL NUMBER 3710385800J, WITH AN EFFECTIVE DATE OF MARCH 2, 2009.

N/F
TWO RIVERS WILKESBORO LLC
DEED BOOK 1237, PAGE 327
LOT 2
PLAT BOOK 12, PAGE 324
PARCEL ID: 2207405

LOT 1A - 0.520 ACRES
TWO RIVERS WILKESBORO II, LLC
DEED BOOK 1237, PAGE 328 - DEED BOOK
1140, PAGE 121
PLAT BOOK 12, PAGE 324
PARCEL ID: 2207384
PER PRELIMINARY PLAT PREPARED BY
BLUE RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

ACCESS EASEMENT PARCEL 2
DEED BOOK 1173, PAGE 153
DEED BOOK 1173, PAGE 339
DEED BOOK 1303, PAGE 339
33,811 SF

PROPOSED
PROPERTY LINE
PER PRELIMINARY PLAT PREPARED BY BLUE
RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

EASEMENT PARCEL II
DEED BOOK 652, PAGE 435
DEED BOOK 593, PAGE 555

PROPERTY LINE TO BE ABANDONED
PER PRELIMINARY PLAT PREPARED
BY BLUE RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

EASEMENT TO BE ABANDONED PER
PRELIMINARY PLAT PREPARED BY BLUE
RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

PROPERTY LINE TO BE ABANDONED
PER PRELIMINARY PLAT PREPARED
BY BLUE RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

EASEMENT TO BE ABANDONED PER
PRELIMINARY PLAT PREPARED BY BLUE
RIDGE GEOMATICS, PA
DATED OCTOBER 04, 2021

CONTRACTOR WILL COORDINATE UTILITY
POLES, GUY WIRES, OVERHEAD UTILITY
LINE RELOCATIONS WITH UTILITY
COMPANIES PRIOR TO ANY CONSTRUCTION.
ALL ASSOCIATED EASEMENTS TO BE
ABANDONED / REMOVED WITH THE
REMOVAL / RELOCATION OF EXISTING
OVERHEAD UTILITIES.

N/F
GREAT STATE BANK
DEED BOOK 1081, PAGE 178
PARCEL ID: 2204439

CONTRACTOR WILL COORDINATE FIBER
OPTICS LINES RELOCATIONS WITH UTILITY
COMPANIES PRIOR TO ANY CONSTRUCTION.
ALL ASSOCIATED EASEMENTS TO BE
ABANDONED / REMOVED WITH THE
REMOVAL / RELOCATION OF EXISTING
OVERHEAD UTILITIES.

LOT 1B - 0.983 ACRES
PLUS 0.259 ACRES DEED BOOK XXXX, PAGE XXX
PLUS 0.055 ACRES DEED BOOK 1340, PAGE 048
TOTAL COMBINED AREA FOR LOT 1B = 1.297 ACRES
TWO RIVERS WILKESBORO II, LLC
DEED BOOK 1237, PAGE 328 - DEED BOOK 1140, PAGE 121
DEED BOOK 1340, PAGE 048 & DEED BOOK 1340, PAGE 147
PLAT BOOK 12, PAGE 324
PLAT BOOK 11, PAGE 517
PER PRELIMINARY PLAT PREPARED BY BLUE RIDGE
GEOMATICS, PA
DATED OCTOBER 04, 2021

P.O.C.
N.C.G.S. MONUMENT
"MCDONALD"
N = 880,655.87'
E = 1,355,894.58'
NAD_83(2011)
ELEV. = 1,003.98'
(NAVD 88)

UNDERGROUND
FIBER OPTIC LINES
PER CONSTRUCTION
DRAWINGS
(SEE REFERENCES)(typ.)

SANITARY SEWER SERVICE
PER CONSTRUCTION
DRAWINGS
(SEE REFERENCES)

EXISTING
IRON PIPE
INV. = 999.20'

SMH
RIM = 1,003.26'
INV. IN (SE) = 991.68'
INV. OUT (SW) = 991.56'

EXISTING
IRON PIPE
INV. = 999.20'

EXISTING
IRON PIPE
INV. = 999.20'

EXISTING
IRON PIPE
INV. = 999.20'

EXISTING
IRON PIPE
INV. = 999.20'

EXISTING
IRON PIPE
INV. = 999.20'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 50°46'12" W	22.00'
L2	N 32°12'18" W	27.13'

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	151.71'	297.50'	77.54'	150.07'	S 53°27'10" E	29°13'03"
C2	26.90'	237.50'	13.47'	26.89'	S 64°48'56" E	6°29'26"

DEMOLITION KEYNOTES:

- 1 REMOVE EXISTING ITEM, COORDINATE REMOVAL WITH APPLICABLE FEDERAL, STATE, COUNTY, CITY, LOCAL AGENCIES OR LOCAL UTILITY COMPANY.
 - 2 RELOCATE EXISTING ITEM, COORDINATE RELOCATION WITH APPLICABLE FEDERAL, STATE, COUNTY, CITY, LOCAL AGENCIES OR LOCAL UTILITY COMPANY.
 - 3 ITEM TO REMAIN.
- SAWCUT LINE

- LEGEND
- EXISTING IRON PIPE
 - IRON PIPE SET
 - BORER HOLE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER CLEANOUT
 - WATER VALVE
 - WATER METER
 - FIRE HYDRANT
 - TELEPHONE PEDESTAL
 - TELEPHONE MANHOLE
 - ELECTRIC BOX
 - LIGHT POLE
 - POWER POLE
 - CURB INLET
 - STORM DRAINAGE MANHOLE
 - YARD INLET
 - STORM DRAIN
 - OVERHEAD UTILITIES
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TELEPHONE
 - WATER LINE
 - SANITARY SEWER LINE
 - GAS LINE
 - FENCE LINE



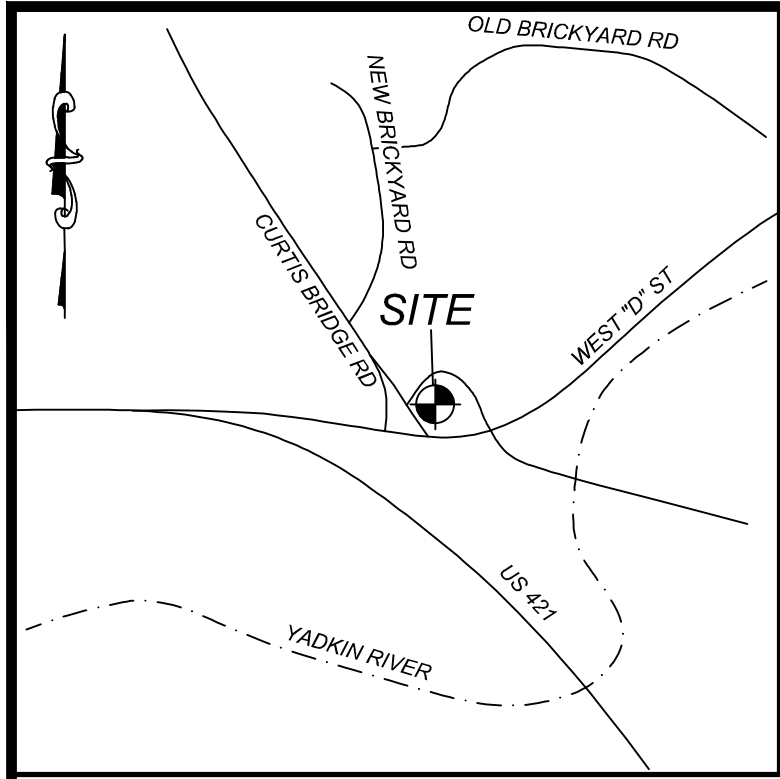
COMMERCIAL
SITE DESIGN



CLIENT:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 30318
PHONE: (404) 913-9131
Mail@Trackwestpartners.com

1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28687
DEMOLITION PLAN

PROJECT NO: TRW-2003
FILENAME: TRW2003-DP
DRAWN BY: DDH
SCALE: 1" = 20'
DATE: 09-21-2021
SHEET NO: C-1

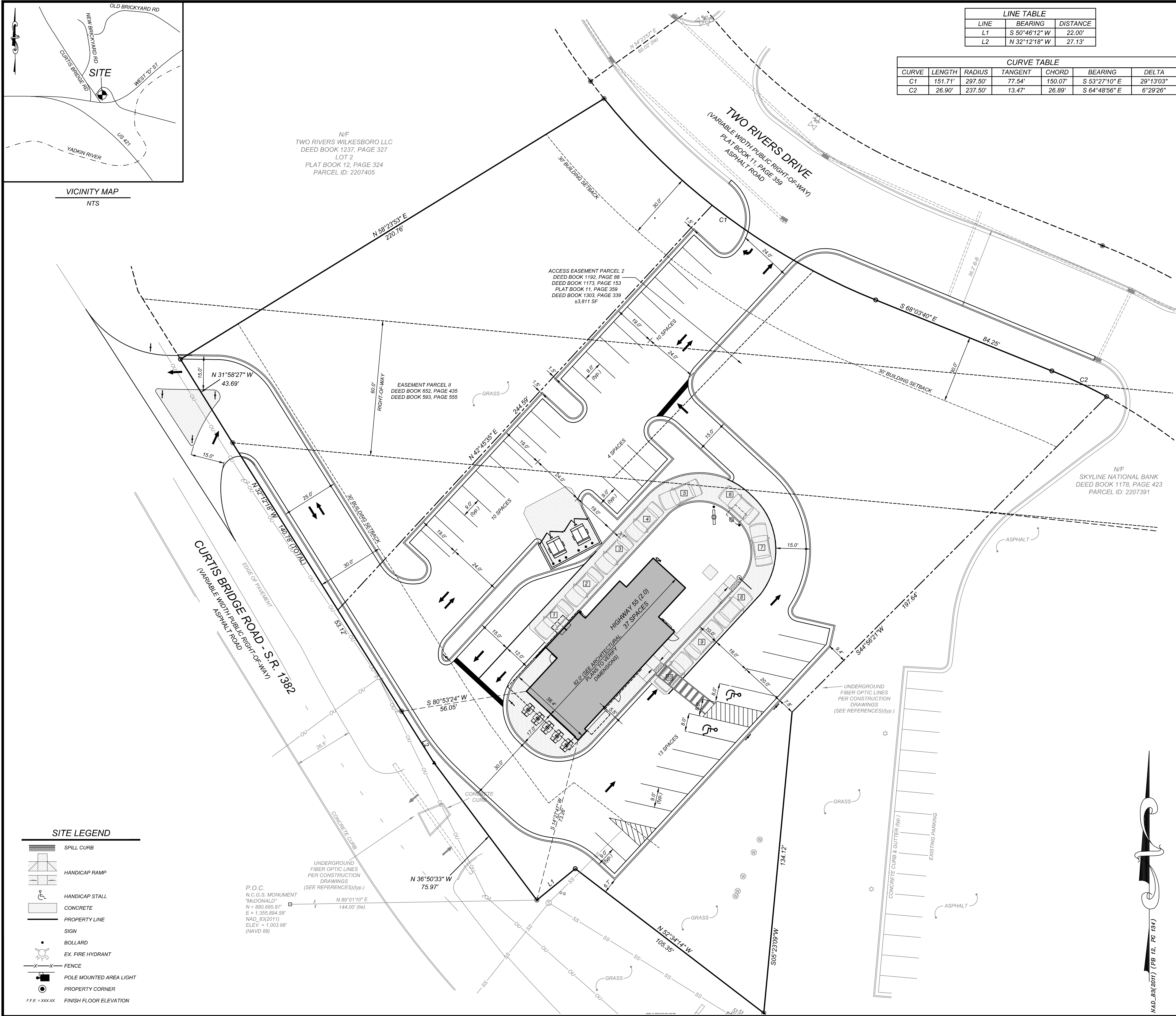


VICINITY MAP
NTS

N/F
TWO RIVERS WILKESBORO LLC
DEED BOOK 1237, PAGE 327
LOT 2
PLAT BOOK 12, PAGE 324
PARCEL ID: 2207405

LINE TABLE		
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L1	S 50°46'12" W	22.00'
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CURVE TABLE						
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SITE LEGEND

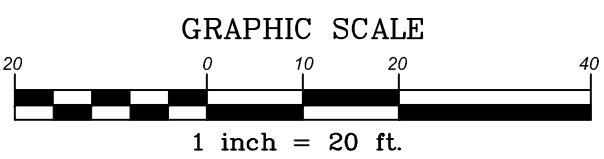
- SPILL CURB
- HANDICAP RAMP
- HANDICAP STALL
- CONCRETE
- PROPERTY LINE
- SIGN
- BOLLARD
- EX. FIRE HYDRANT
- FENCE
- POLE MOUNTED AREA LIGHT
- PROPERTY CORNER
- FINISH FLOOR ELEVATION

P.O.C.
N.C.G.S. MONUMENT
"McDONALD"
N = 880.655.97'
E = 1,335.894.58'
NAD_83(2011)
ELEV. = 1,003.98'
(NAVD 88)

UNDERGROUND
FIBER OPTIC LINES
PER CONSTRUCTION
DRAWINGS
(SEE REFERENCES)(typ.)



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REVISIONS		CLIENT COMMENTS	STH
1	10-09-2023		

COMMERCIAL
SITE DESIGN

811

812 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27615

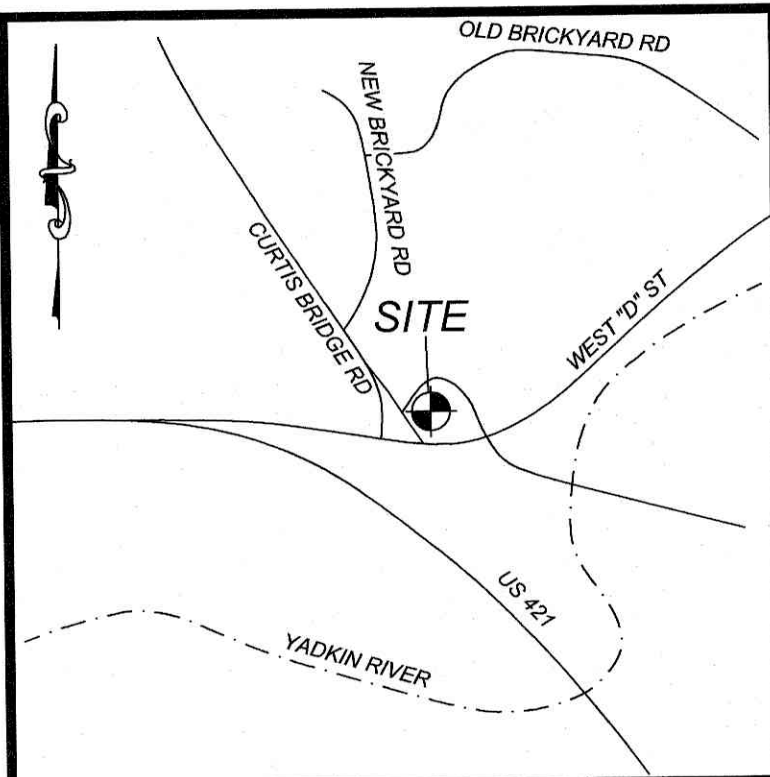
PHONE: (919) 848-0121
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PROJECT NO. TRW-2003
FILENAME: TRW2003-PSP
DRAWN BY: DDH
SCALE: 1" = 20'
DATE: 10-05-2023
SHEET NO. C-1

1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

PRELIMINARY SITE PLAN



VICINITY MAP
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N/F
TWO RIVERS WILKESBORO LLC
DEED BOOK 1237, PAGE 327
LOT 2
PLAT BOOK 12, PAGE 324
PARCEL ID: 2207405

ACCESS EASEMENT PARCELS
DEED BOOK 1192, PAGE 88
DEED BOOK 1173, PAGE 153
PLAT BOOK 13, PAGE 398
DEED BOOK 1303, PAGE 339
33,911 SF

EASEMENT PARCEL II
DEED BOOK 652, PAGE 435
DEED BOOK 593, PAGE 555
60.0' RIGHT-OF-WAY

N/F
SKYLINE NATIONAL BANK
DEED BOOK 1178, PAGE 423
PARCEL ID: 2207391

LABEL	1) GROUND STABILIZATION		
	SITE AREA DESCRIPTION	STABILIZE WITHIN THIS MANY CALENDAR DAYS AFTER CEASING LAND DISTURBANCE	TIME FRAME VARIATIONS
	PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
	HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
	SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
	SLOPES 3:1 TO 4:1	14 DAYS	- 7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH AND WITH SLOPES STEEPER THAN 4:1 - 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES - 10 DAYS FOR FALLS LAKE WATERSHED
	ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	- 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES - 10 DAYS FOR FALLS LAKE WATERSHED UNLESS THERE IS ZERO SLOPE

SEE SHEET C-6 FOR STANDARD NPDES STABILIZATION DETAILS SHEET

TOTAL DISTURBED AREA = 1.31 ACRES

LATITUDE: 36.150478°
LONGITUDE: -81.181016°

SOIL TYPE: UDC - UDORTHENTS- URBAN LAND COMPLEX

WATERSHED: TOWN OF WILKESBORO- YADKIN RIVER

MAINTENANCE CONTACT INFORMATION: TBD

GRADING/EROSION CONTROL LEGEND

- | | | | |
|--|-------------------------------|--|-----------------------|
| | DROP INLET | | SILT FENCE OUTLET |
| | CURB INLET | | INLET PROTECTION |
| | STORM PIPE | | SILT FENCE |
| | TOP OF CURB | | TREE PROTECTION FENCE |
| | BOTTOM OF CURB | | DIVERSION DITCH |
| | HANDICAP AREA (2% MAX. SLOPE) | | LIMITS OF DISTURBANCE |
| | SPILL CURB | | FLARED END SECTION |
| | GROUND AT TOP OF WALL | | CONSTRUCTION ENTRANCE |
| | GROUND AT BOTTOM OF WALL | | SEDIMENT TRAP |
| | INLINE DRAIN | | |
| | ROOF DRAIN | | |
| | | | |

UNDERGROUND FIBER OPTIC LINES PER CONSTRUCTION DRAWINGS (SEE REFERENCES)(typ.)

N 89°01'10" E
144.00' (100)

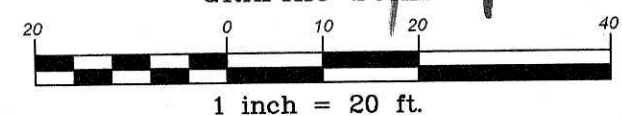
NAD 83 (2011) (FB 12, PG 134)



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GRAPHIC SCALE



REVISIONS		DATE	NO.	DESCRIPTION	BY

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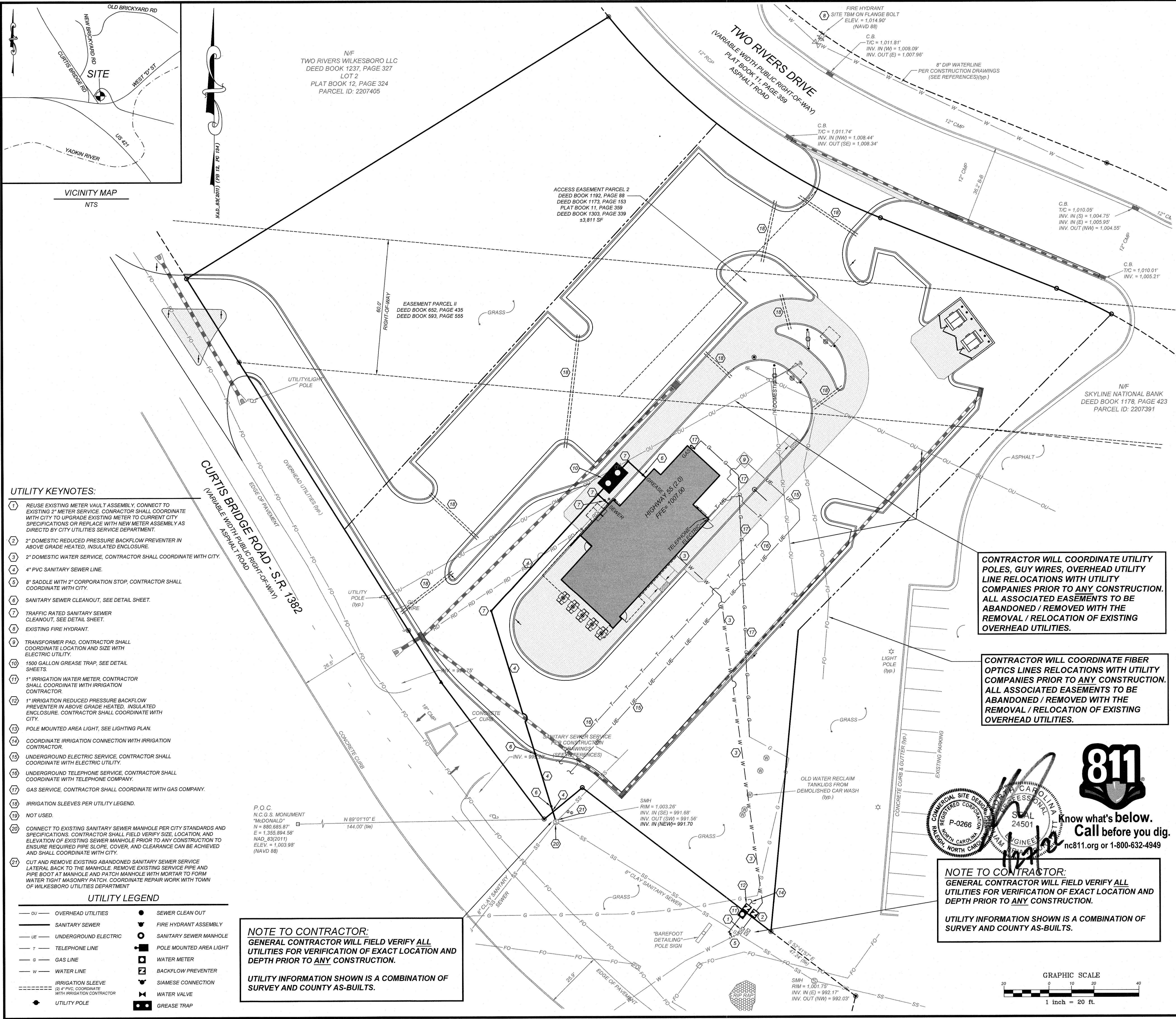
8912 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27619
PHONE: (919) 848-6121
WWW.CSDESIGN.COM

CLIENT:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 30318
PHONE: (404) 913-9131
Matt@Trackwestpartners.com

PROJECT NO. TRW-2003
FILENAME: TRW2003-NPDES
DRAWN BY: DDH
SCALE: 1"= 20'
DATE: 09-21-2021
SHEET NO. C-4

1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697
NPDES STABILIZATION PLAN

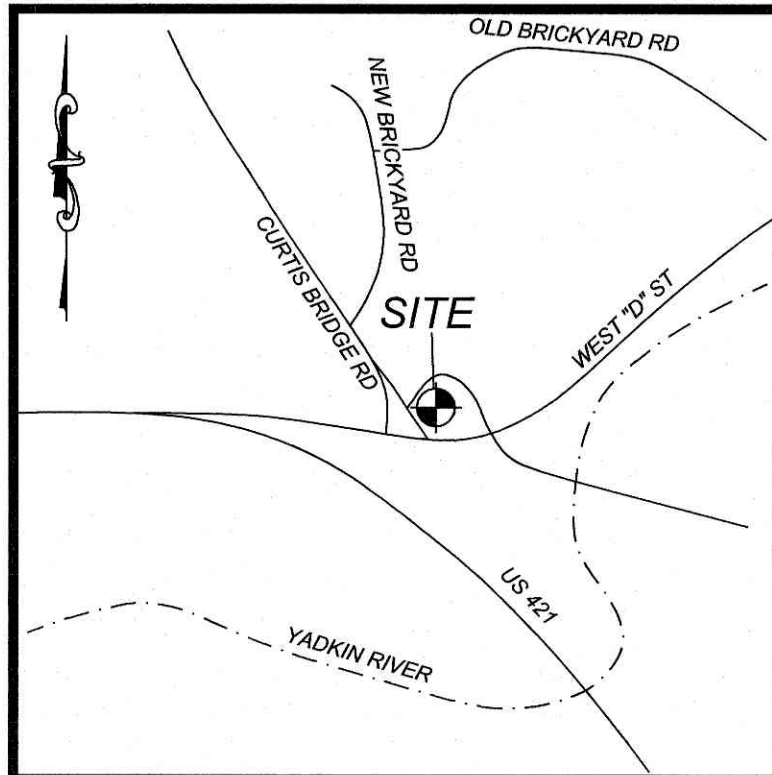
X:\TRW - Trackwest Partners\2003 - Wilkesboro, NC\CAD\TRW2003-UP.dwg, 1/24/2022 12:20:01 PM, dxtwh



UTILITY NOTES:

- UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM THE BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES, EITHER PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON. ANY REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY.
- THE GENERAL CONTRACTOR SHALL CONFIRM ALL NEW UTILITY TAP LOCATIONS WITH THE UTILITY OWNERS. ALL FEES SHALL BE THE RESPONSIBILITY OF DEVELOPER.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
- NEW LOT LIGHT FOUNDATION BASES, CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR. POLES, FIXTURES, ANCHOR BOLTS & HARDWARE SHALL BE COORDINATED WITH THE OWNER AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- ALL NEW LOT LIGHTS AND THE MAIN IDENTIFICATION SIGN SHALL HAVE A MINIMUM 10 FEET CLEARANCE FROM ALL OVERHEAD UTILITIES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITS AND/OR APPROVALS NECESSARY FOR ANY WORK IN ROADWAY OR RIGHT-OF-WAY.
- ALL TRENCH EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH TRENCH BACKFILL DETAIL SHOWN ON THESE PLANS.
- MINIMUM COVER FOR CONDUITS SHALL BE 36" UNLESS OTHERWISE SHOWN OR NOTED ON THESE PLANS.
- ALL MANHOLES, VALVES, AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER PAVING.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS. TRENCHES SHALL BE SHORED IN ACCORDANCE WITH OSHA.
- THE MINIMUM SLOPE FOR SANITARY SEWER LINES SHALL BE AS FOLLOWS: 1) 1/4"FT FOR 4" LINES AND 2) 1/8"FT FOR 6" LINES. CLEANOUTS SHALL BE PLACED AT 75' INTERVALS.
- ALL WATER LINES SHALL HAVE A FINAL COVER DEPTH OF 3'-0" IN NON-TRAFFIC AREAS AND 4'-0" MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL SEWER LINES SHALL HAVE A FINAL COVER DEPTH 4'-0" IN NON-TRAFFIC AREAS AND 5'-0" MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS.
- SANITARY SEWER SERVICES SHALL BE PVC SDR 35 TO RAW, THEN PVC SCH. 40 TO BUILDING. WATER SERVICE SHALL BE TYPE "K" COPPER.
- CABLE TV SERVICE ROUTING IS NOT PART OF THIS PLAN, CONTRACTOR TO COORDINATE WITH CABLE COMPANY.
- EXISTING MANHOLES SHOULD BE FIELD VERIFIED FOR RIMS AND INVERTS.
- ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAP ACCESSIBILITY, NATIONAL ELECTRICAL CODES AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
- CONTRACTOR SHALL GUARANTEE, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF SYSTEMS BY OWNER, EACH AND EVERY PIECE OF APPARATUS WHICH HAS BEEN INSTALLED UNDER THIS CONTRACT.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
- EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED PRIOR APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO THE SUBSTITUTION OF ALTERNATE EQUIPMENT.
- CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
- ONLY SEWAGE NOT CONTAINING GREASE IS ALLOWED TO BYPASS THE GREASE TRAP.
- ALL SANITARY SEWER SERVICES AND STORM DRAIN PIPING 8" IN DIAMETER OR SMALLER SHALL BE SCH. 40 STEEL WITH ADHESIVE WELDED JOINTS, UNLESS SPECIFIED OTHERWISE OR REQUIRED BY LOCAL GOVERNING MUNICIPALITY. MINIMUM SLOPES ON SANITARY SEWER SERVICES: 4" - 1/4"FT, 6" - 1/8"FT.
- BELOW GRADE WATER SERVICE PIPING SHALL BE TYPE "K" HARD DRAWN COPPER TUBING WITH SILVER SOLDER JOINTS. SOLDERERS CONTAINING LEAD SHALL NOT BE USED FOR ANY PURPOSE ON THIS PROJECT. WHERE PIPING IS REQUIRED TO RUN BELOW BUILDING SLAB, IT SHALL BE INSTALLED WITHOUT JOINTS BELOW SLAB.
- WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION.
- WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
- CONTRACTOR SHALL NOTIFY NC ONE CALL AT 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
- ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WILKESBORO PUBLIC UTILITIES AND CROSS CONNECTION CONTROL REGULATIONS AND STANDARDS.
- SITE UTILITY CONTRACTOR TO PROVIDE WATER, SANITARY SEWER, AND ROOF DRAIN LEADERS TO WITHIN 5 FEET OF THE BUILDING. CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS.
- SANITARY CLEANOUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED IN PAVEMENT AREAS SHALL HAVE HEAVY DUTY TRAFFIC RATED CONSTRUCTION.
- CONNECTION OF SANITARY SEWER SERVICE TO AN EXISTING MANHOLE SHALL COMPLY WITH THE CITY OF WILKESBORO STANDARDS, INCLUDING: CORE DRILL FOR OPENING INTO MANHOLE AND INSTALL WITH FLEXIBLE BOOT. IF PAVEMENT CUT IS REQUIRED, CONTRACTOR SHALL PATCH PAVEMENT WITH A SECTION TO MATCH EXISTING PAVEMENT: 3" I-2, 8" ABC OR BETTER.
- RELATION OF WATER MAINS TO SEWERS:
A. LATERAL SEPARATION OF SEWER AND WATER MAINS. WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION, IN WHICH CASE:
1. THE WATER MAIN IS LAID IN A SEPARATE TRENCH WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR
2. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER LINE WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND ABOVE THE TOP OF THE SEWER.
B. CROSSING A WATER MAIN OVER A SEWER MAIN:
WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION, IN WHICH CASE BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
C. CROSSING A WATER MAIN UNDER A SEWER MAIN:
WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
D. CROSSING A SEWER LINE OVER OR UNDER A STORM DRAIN:
WHENEVER IT IS NECESSARY FOR A SEWER LINE TO CROSS A STORM DRAIN PIPE, THE SEWER LINES SHALL BE LAID AT SUCH AN ELEVATION THAT THE OUTSIDE OF THE SEWER LINE NEAREST TO THE OUTSIDE OF THE STORM DRAIN PIPE SHALL MAINTAIN A 12 INCH CLEAR SEPARATION DISTANCES, OR ENCASED IN EITHER CONCRETE OR DUCTILE IRON PIPE FOR AT LEAST 5 FEET ON EITHER SIDE OF THE CROSSING.
- UNDERGROUND CONDUITS TO SIGNS, LOT LIGHTS, ETC., SHALL BE PLACED IN GRASS OR LANDSCAPE AREAS WHENEVER POSSIBLE. THE LOCATION OF THE CONDUIT AS SHOWN ON THESE PLANS SHALL BE CONSIDERED TO BE SCHEMATIC WITH ACTUAL LOCATION TO BE VERIFIED BY THE GENERAL CONTRACTOR, PVC SCH. 40 SLEEVES SHALL BE INSTALLED FOR ALL CONDUIT CROSSING UNDER PAVED AREAS.
- SEE ELECTRICAL SHEETS FOR SIZE OF CONDUIT AND WIRE ON ALL ELECTRICAL SERVICE.
- TRANSFORMER BY ELECTRIC COMPANY. GENERAL CONTRACTOR TO PROVIDE PAD. REFER TO ELECTRIC COMPANY SPECIFICATIONS FOR PAD CONSTRUCTION.

REVISIONS				CLIENT:			
NO.	DATE	DESCRIPTION	BY	TRACK WEST PARTNERS			
1	12-01-2021	DDH COMMENTS	DDH	445 BISHOP ST NW			
2	12-17-2021	TOWN OF WILKESBORO COMMENTS	RON	ATLANTA, GA 30318			
				PHONE: (404) 913-9131			
				Mail@Trackwestpartners.com			
				1424 CURTIS BRIDGE ROAD			
				WILKESBORO, NORTH CAROLINA 28697			
				UTILITY PLAN			
				PROJECT NO. TRW-2003			
				FILENAME: TRW2003-UP			
				DRAWN BY: DDH			
				SCALE: 1"= 20'			
				DATE: 09-21-2021			
				SHEET NO. C-6			

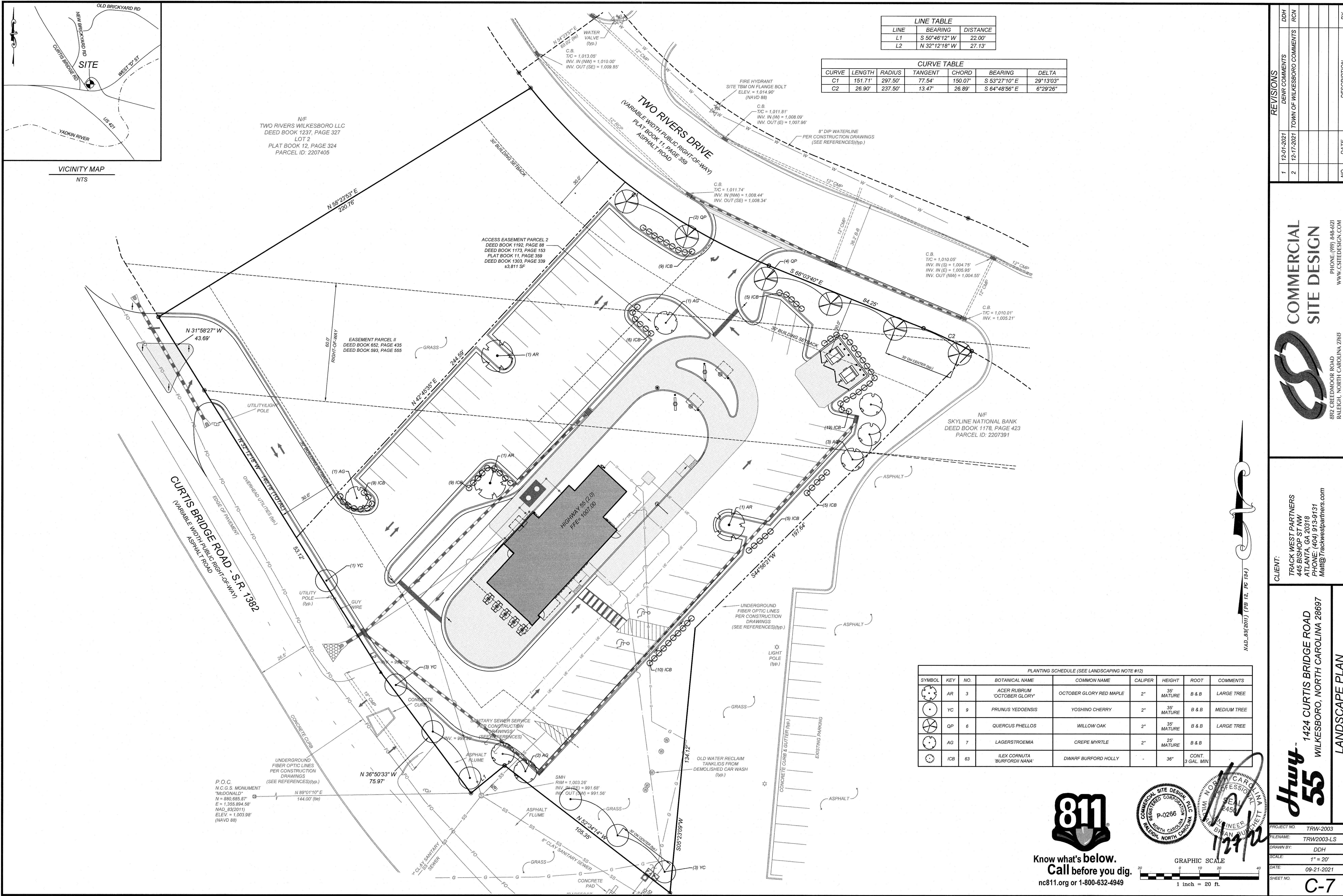


VICINITY MAP
NTS

N/F
TWO RIVERS WILKESBORO LLC
DEED BOOK 1237, PAGE 327
LOT 2
PLAT BOOK 12, PAGE 324
PARCEL ID: 2207405

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 50°46'12" W	22.00'
L2	N 32°12'18" W	27.13'

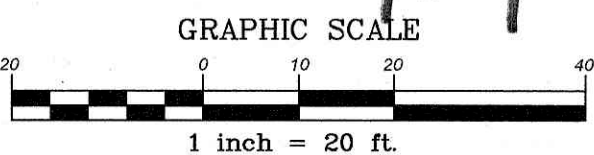
CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	151.71'	297.50'	77.54'	150.07'	S 53°27'10" E	29°13'03"
C2	26.90'	237.50'	13.47'	26.89'	S 64°48'56" E	6°29'26"



PLANTING SCHEDULE (SEE LANDSCAPING NOTE #12)							
SYMBOL	KEY	NO.	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	ROOT
AR	3		ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2"	35'	B & B
YC	9		PRUNUS YEDOENSIS	YOSHINO CHERRY	2"	35'	B & B
QP	6		QUERCUS PHELLOS	WILLOW OAK	2"	35'	B & B
AG	7		LAGERSTROEMIA	CREPE MYRTLE	2"	25'	B & B
ICB	63		ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY	-	36"	CONT. 3 GAL. MIN.



Know what's below.
Call before you dig.
nc811.org or 1-800-632-4949



REVISIONS		DDH	RCN
1	12-01-2021		
2	12-17-2021		

COMMERCIAL
SITE DESIGN

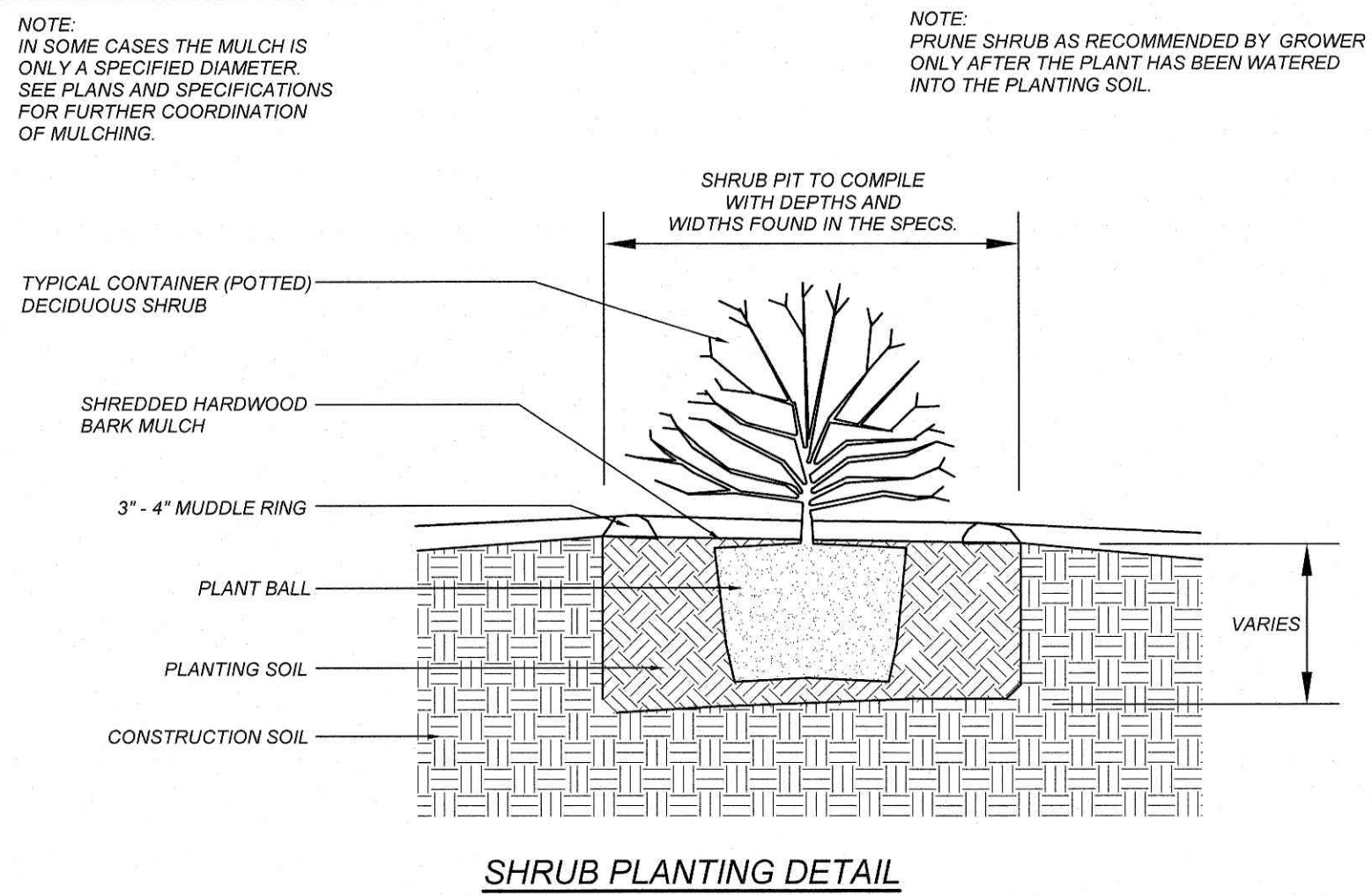
872 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27617

PHONE: (919) 848-6121
WWW.CSTDESIGN.COM

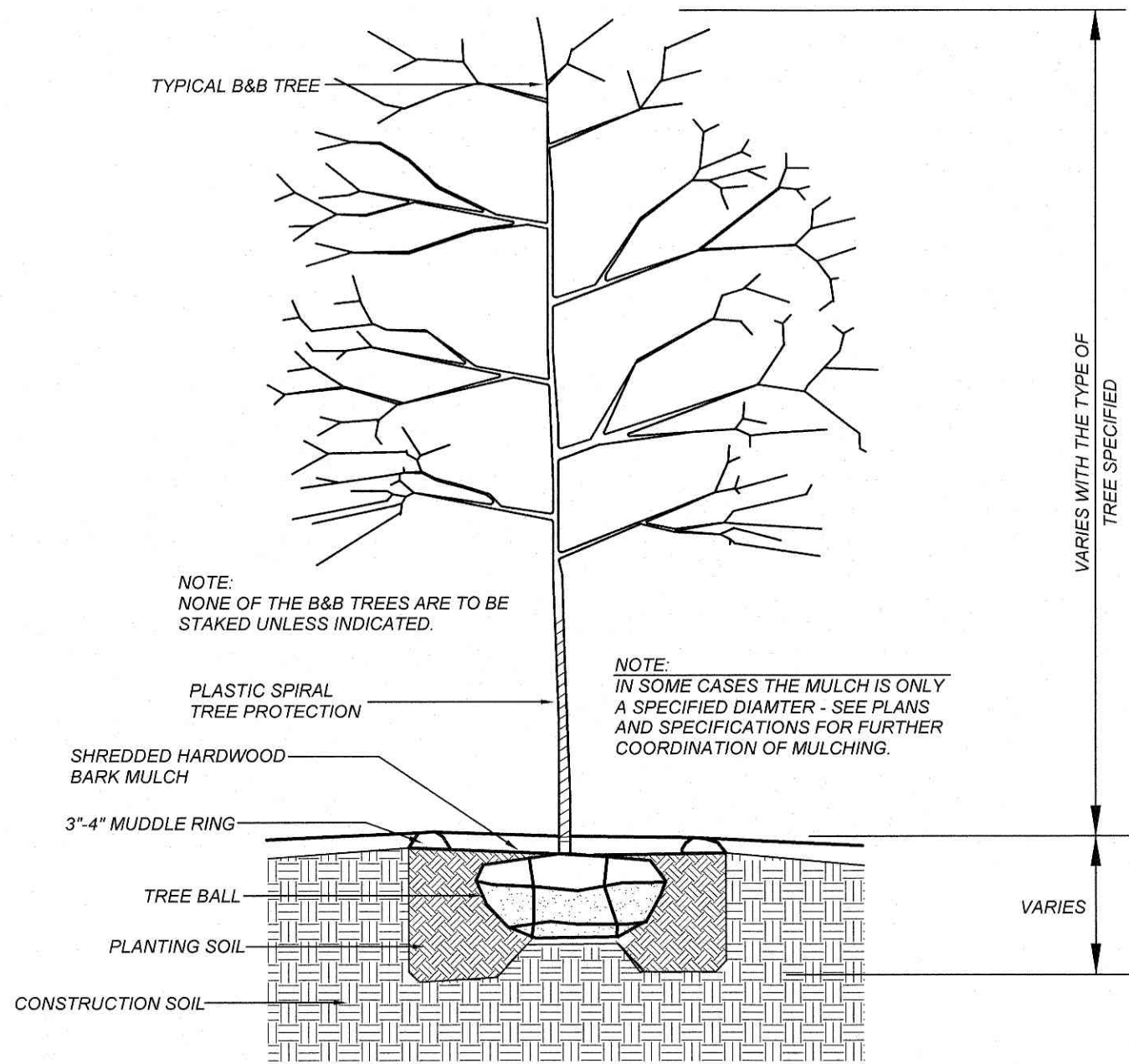
CLIENT:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 30318
PHONE: (404) 913-9131
Matt@Trackwestpartners.com

1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

PROJECT NO. TRW-2003
FILENAME: TRW2003-LS
DRAWN BY: DDH
SCALE: 1" = 20'
DATE: 09-21-2021
SHEET NO. C-7



SHRUB PLANTING DETAIL



NOTE:
NONE OF THE B&B TREES ARE TO BE STAKED UNLESS INDICATED.

NOTE:
IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATIONS FOR FURTHER COORDINATION OF MULCHING.

- NOTE:
1. ALL TREES SHOULD BE PRUNED ONLY AFTER INSTALLATION AND WATERING IN THE TREE. PRUNE TO GROWERS SPECIFICATIONS.
 2. ALL TREES SHALL COMPLY WITH THE AMERICAN STANDARDS FOR NURSERY STOCK - INCLUDING TREE PIT DEPTH AND WIDTH.

TREE PLANTING DETAIL

TURF NOTES:

1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
 2. RIP ENTIRE AREA TO 6 INCHES IN DEPTH.
 3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
 4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW).
 5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
 6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
 7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
 8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
 9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.
- *APPLY: AGRICULTURAL LIMESTONE - 2 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)

SOD PREPARATION:
FOLLOW PREPARATION AS DIRECTED FOR STEPS 1-5 ABOVE. IMMEDIATELY WATER SOD UPON INSTALLATION AND CONTINUE UNTIL ROOTS ARE ESTABLISHED.

10. CONTRACTOR SHALL WATER AND MAINTAIN ALL LAWN AREAS UNTIL AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED.
11. ONCE AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED, THE CONTRACTOR SHALL REPAIR ALL DAMAGED AREAS AND MONITOR THE LAWN AREAS UNTIL THE GRASS REACHES A HEIGHT OF 4 INCHES TALL.
12. AT THE TIME THE GRASS REACHES A HEIGHT OF 4 INCHES TALL, THE CONTRACTOR SHALL MOW THE GRASS TO THE HEIGHT OF 3 INCHES AND TURN OVER THE LAWN MAINTENANCE TO THE OWNER.
13. AN ACCEPTABLE STAND OF GRASS SHALL BE 92% COVERAGE OR BETTER.

LANDSCAPE NOTES:

1. THE GENERAL CONTRACTOR SHALL LEAVE THIS SITE AT FINISHED GRADE. THE LANDSCAPE CONTRACTOR SHALL REVISE GRADES AT A MINIMUM TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.
2. PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.
3. ALL PLANTING SHALL BE PLACED WITHIN A MULCHED PLANTING BED. ALL STRAPPING AND THE TOP 2/3 OF WIRE BASKETS MUST BE CUT AWAY AND REMOVED FROM ROOT BALLS PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL.
4. ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE WITH CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
5. ALL AREAS NOT MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WITH THE AREA SPECIFIED ON PLANS WITH "REBEL II" HYBRID TALL PESCUE OR EQUIVALENT AS PRESCRIBED IN THE SEEDING SCHEDULE AS SHOWN ON THIS SHEET.
6. SITE LIGHTING SHALL NOT BE PLACED IN CONFLICT WITH PLANTED TREES.
7. TREE PROTECTION FENCING TO BE PROVIDED AROUND TREE PRESERVATION AREAS IN ACCORDANCE WITH CITY STANDARDS.
8. COORDINATE ALL WORK WITH SITE LAYOUT AND SITE GRADING, DRAINAGE & UTILITIES PLAN.
9. VERIFY LOCATION OF UTILITIES BEFORE PLANTING.
10. MULCH ALL AREAS, THAT ARE NOT SEEDED OR SODDED, WITH SHREDDED HARDWOOD MULCH TO A DEPTH OF 3'-4'.
11. THE SELECTION AND INSTALLATION OF PLANTS AND PLANTING METHODS SHALL CONFORM WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE CITY STANDARD DETAILS AND SPECIFICATIONS, WHICHEVER IS STRICTER.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. DRAWINGS SHALL RULE OVER PLANT LISTS.
13. SUBSTITUTIONS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL. PRIOR TO INSTALLATION, SUBSTITUTIONS MAY REQUIRE ADDITIONAL APPROVAL BY THE GOVERNING JURISDICTION.
14. ALL LANDSCAPING SOIL AND FILL SHALL BE FREE FROM WEEDS, REFUSE, AND DEBRIS AT ALL TIMES.
15. TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED, AS NECESSARY, USING STAKES AND GUYS. SUCH SUPPORTS SHALL BE DESIGNED SO AS TO PROTECT TREES AND SHRUBS FROM INJURY. TREES AND SHRUBS SHALL BE FASTENED TO THE SUPPORT WITH AN ACCEPTABLE COMMERCIAL TREE TIE OF PLASTIC OR HOSE COVERED WIRE.
16. THE MAXIMUM GROWTH HEIGHT OF ANY LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE THREE (3) FEET IN HEIGHT.

REVISIONS		NO	DATE	DESCRIPTION	BY

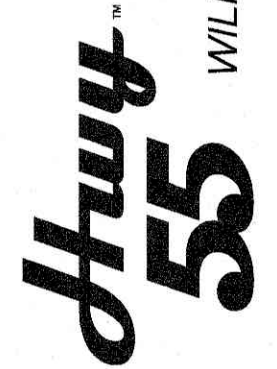


**COMMERCIAL
SITE DESIGN**

8912 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27603

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CLIENT:
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PHONE: (404) 913-9131
Matt@Trackwestpartners.com

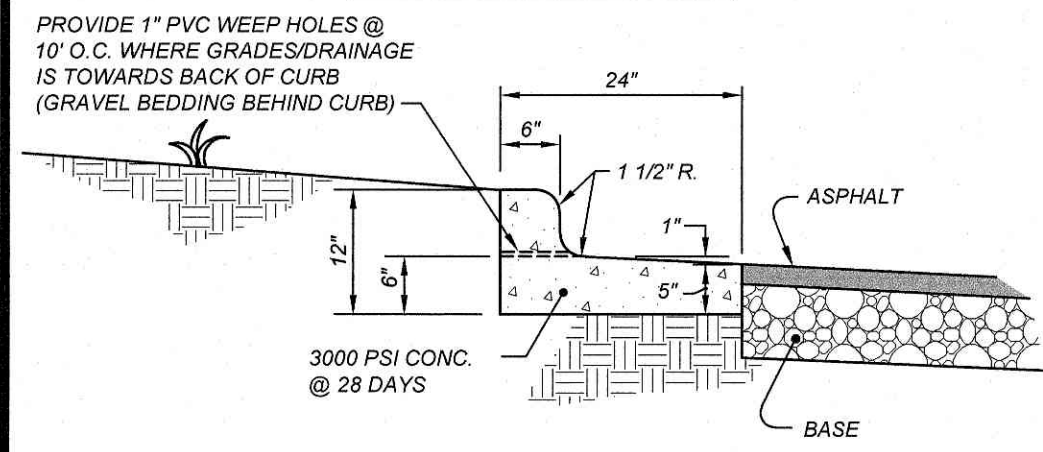
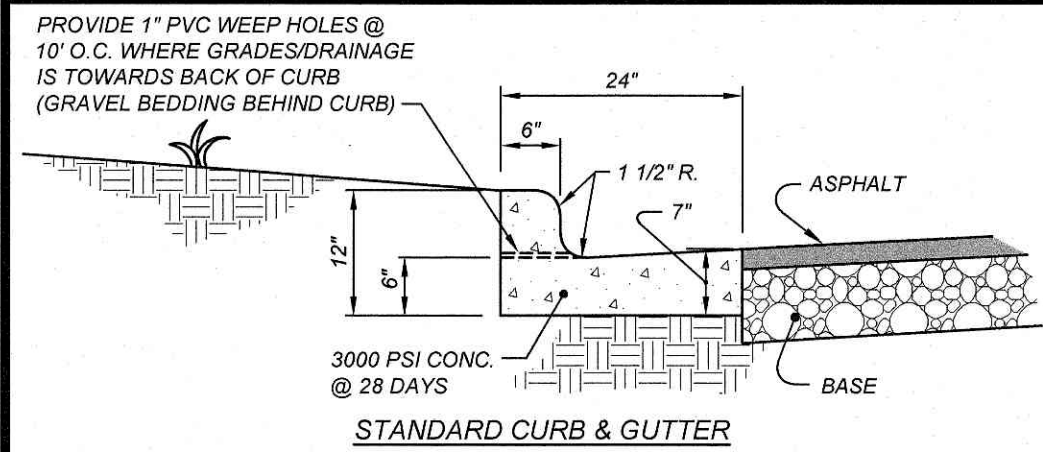


1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

LANDSCAPE DETAILS

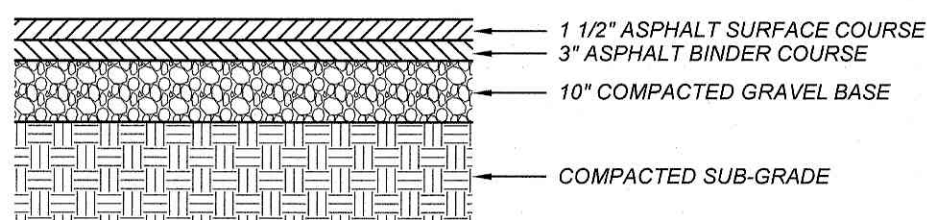
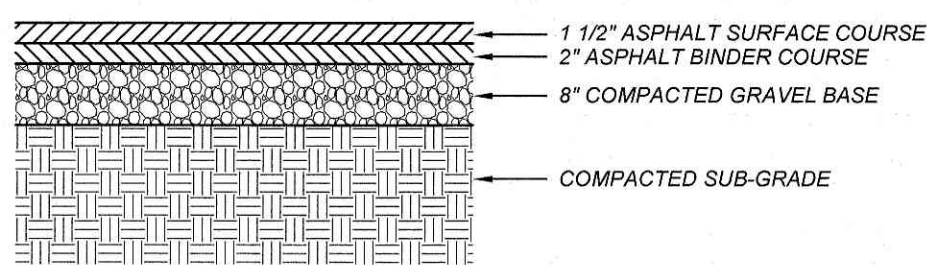
PROJECT NO.	TRW-2003
FILENAME:	TRW2003-DTL4
DRAWN BY:	DDH
SCALE:	N.T.S.
DATE:	09-21-2021
SHEET NO.	C-8





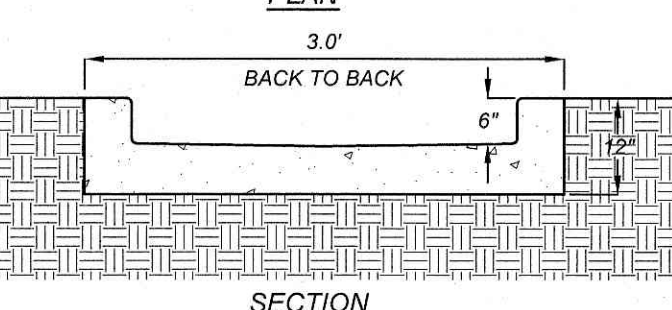
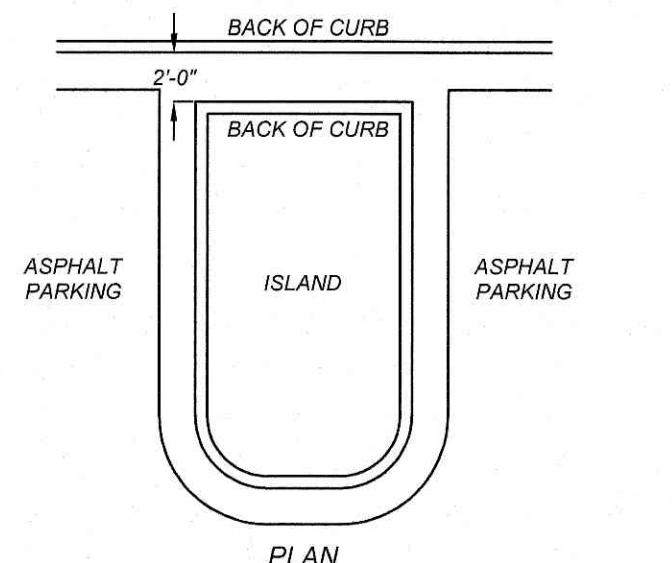
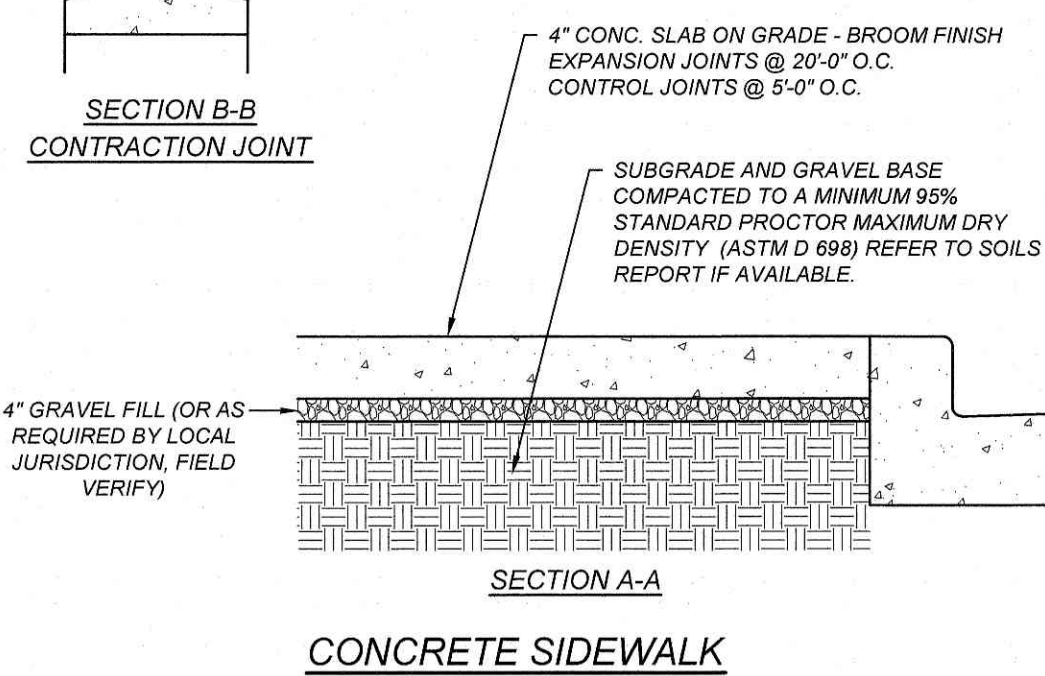
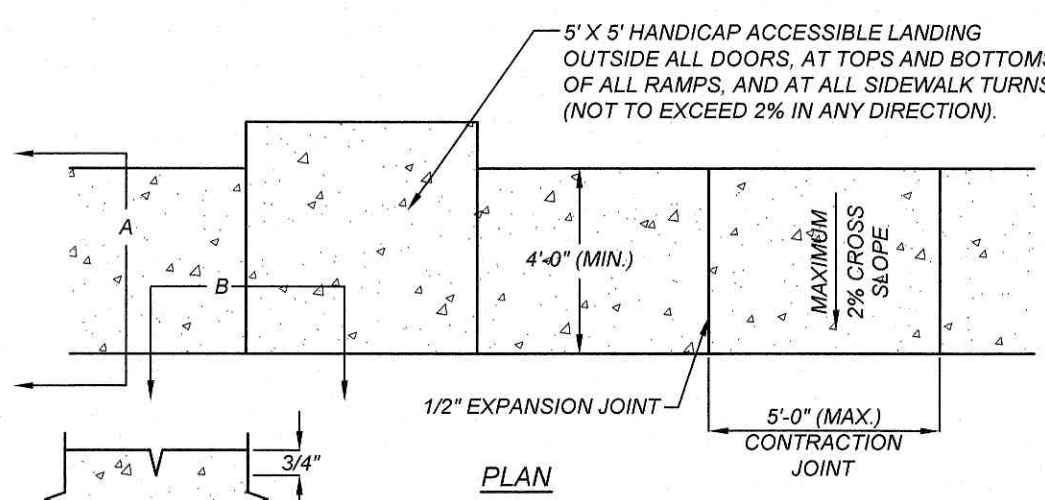
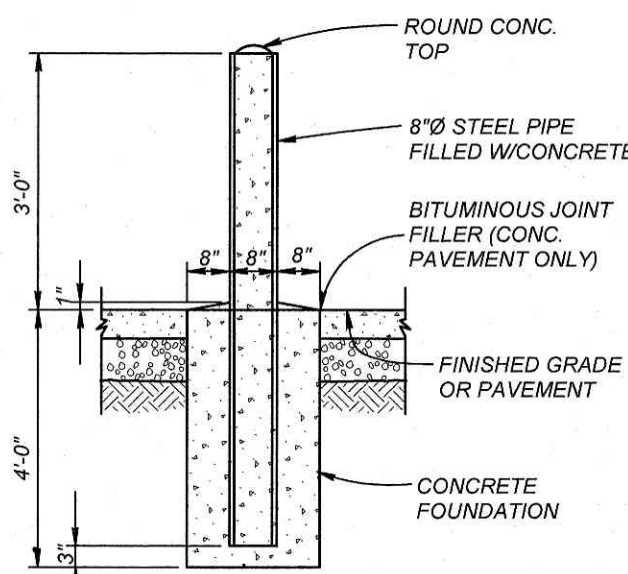
- NOTES:
1. SCORE CURB / VALLEY GUTTER AT 15' O.C.
 2. PROVIDE 1/2" EXPANSION JOINTS AT 90' O.C.
 3. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS. (A 15' SPACING WILL BE ALLOWED WHEN A MACHINE IS USED.)
 4. FINISH ALL CONCRETE WITH CURING COMPOUND.

2'-0" STANDARD CURB AND GUTTER

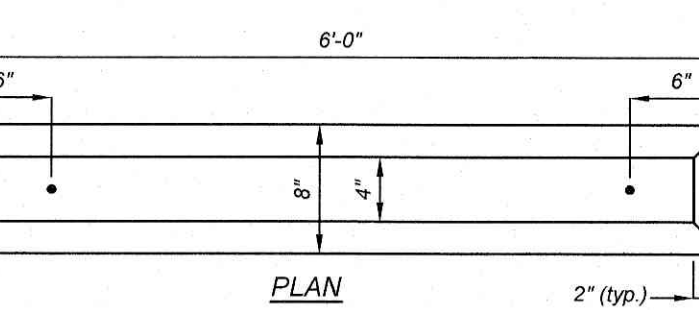
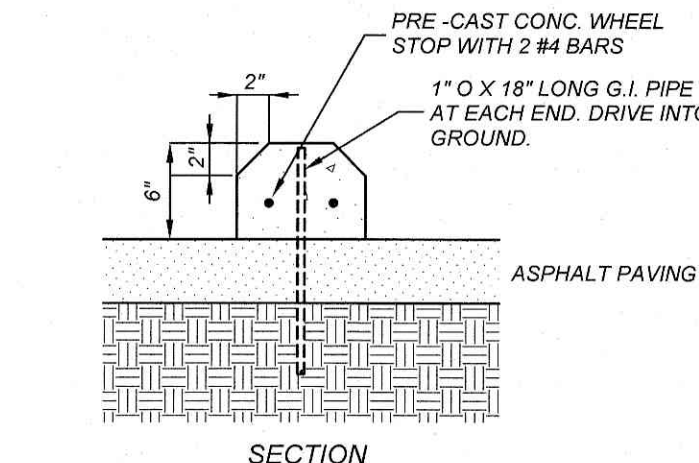


- NOTES:
1. CONTRACTOR SHALL OBTAIN SOILS REPORT, IF AVAILABLE, AND ADJUST PAVEMENT SECTIONS ACCORDINGLY.
 2. CONTRACTOR SHALL PLACE BINDER COURSE DURING CONSTRUCTION, THEN PLACE SURFACE COURSE AFTER BUILDING AND SITE CONSTRUCTION.
 3. SUBGRADE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) REFER TO SOILS REPORT IN NOTE ABOVE.

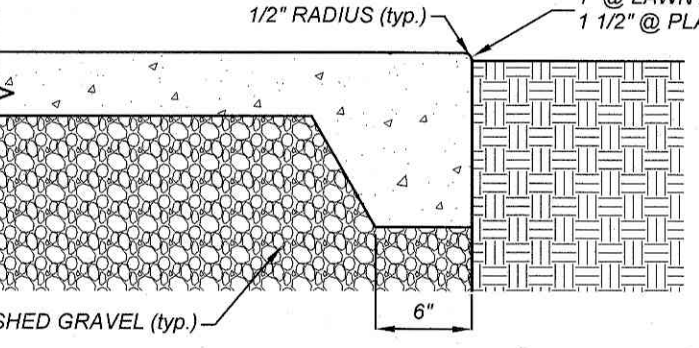
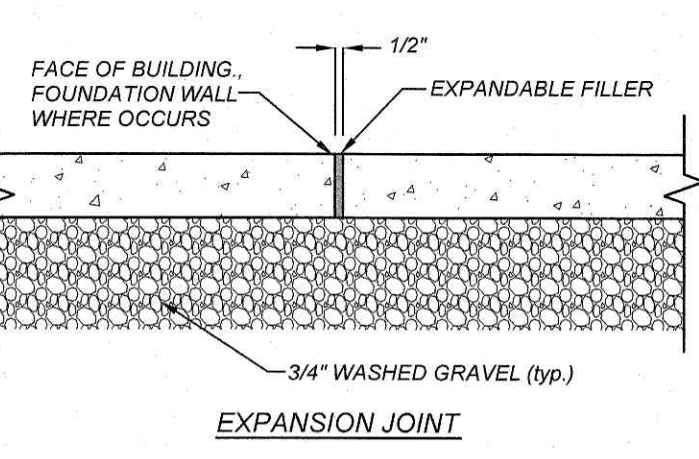
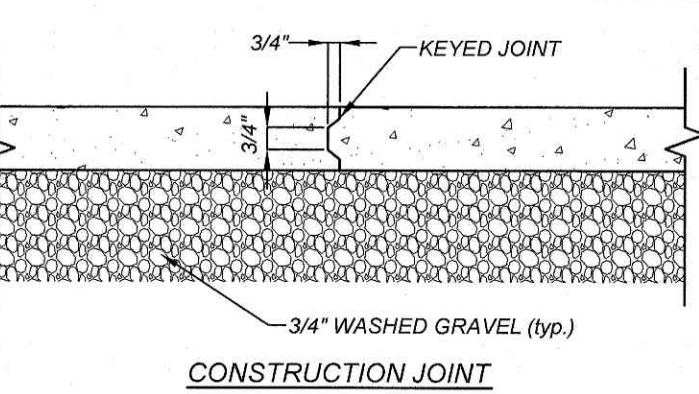
ASPHALT PAVEMENT DETAIL



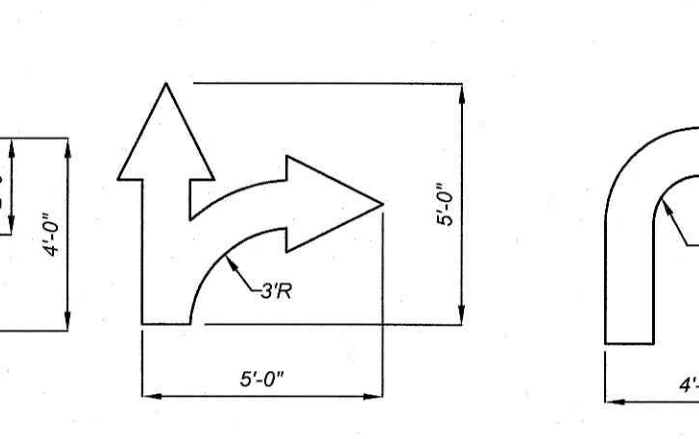
CONCRETE FLUME



CONCRETE WHEEL STOP

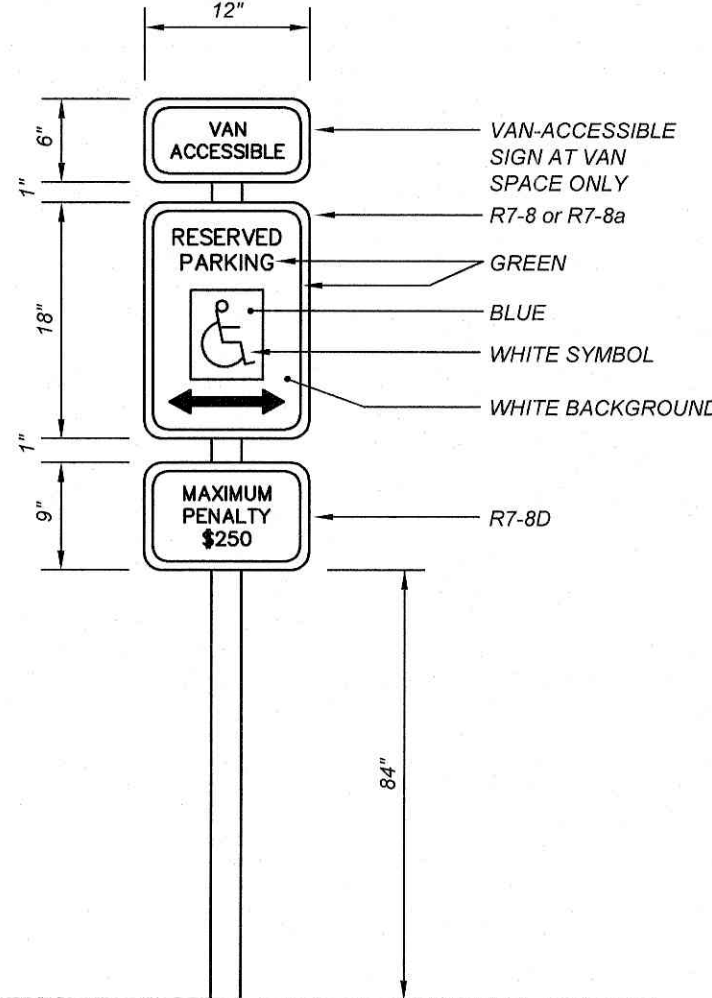


CONCRETE SLAB DETAIL

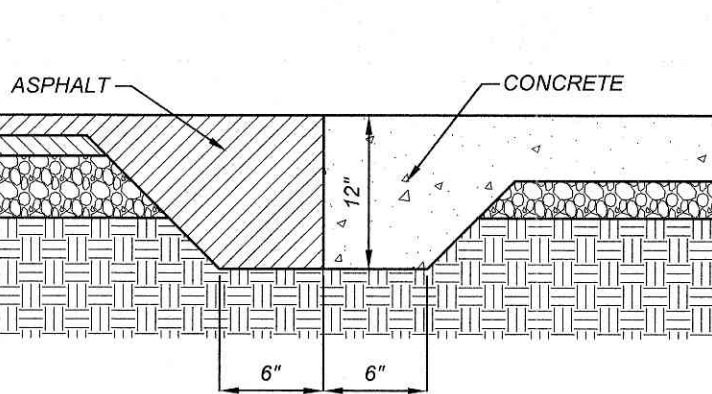


NOTE: ALL TRAFFIC ARROWS TO BE WHITE IN COLOR

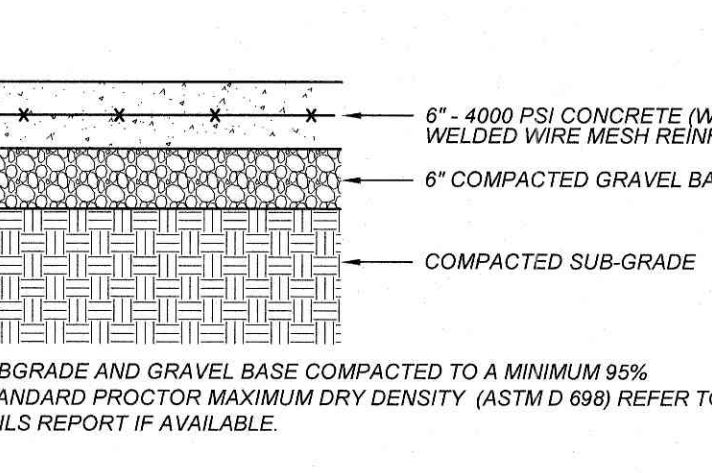
TRAFFIC ARROWS



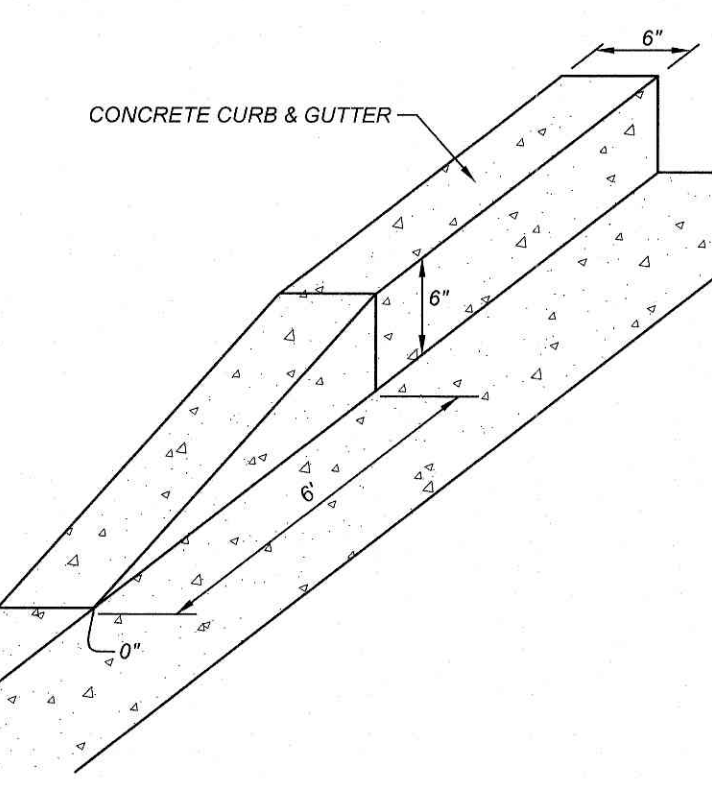
HANDICAP SIGN DETAIL



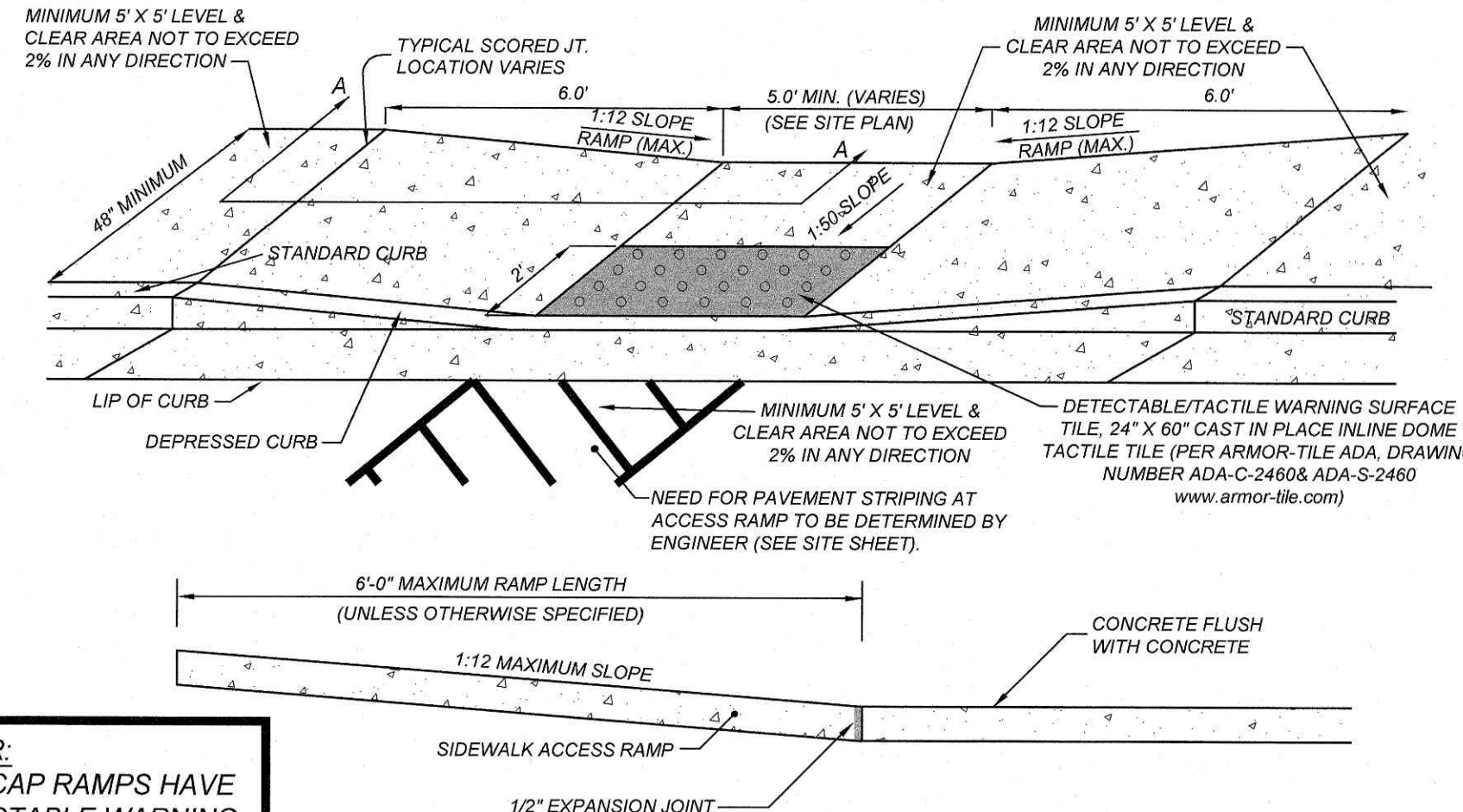
ASPHALT/CONCRETE TRANSITION



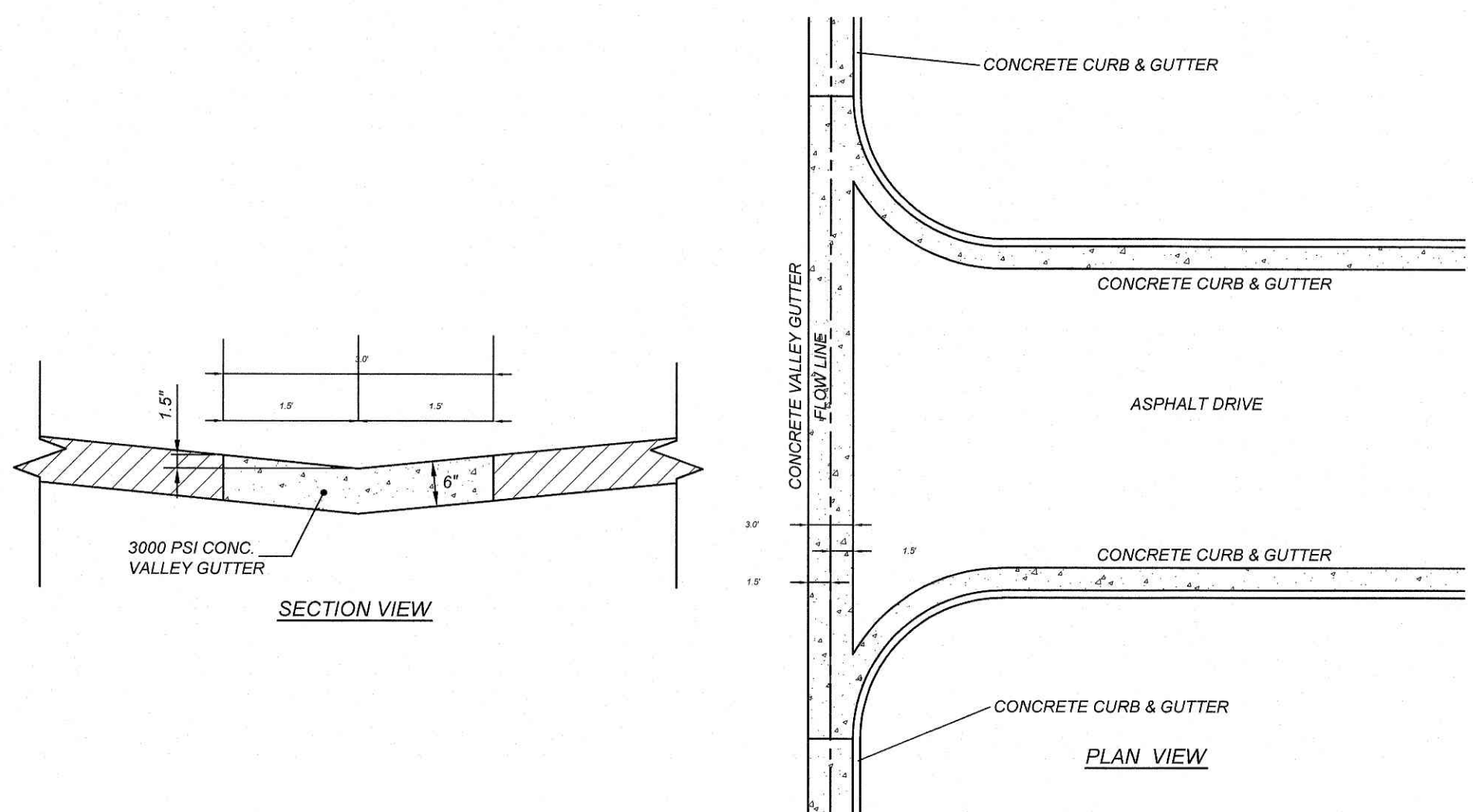
CONCRETE PAVEMENT DETAIL



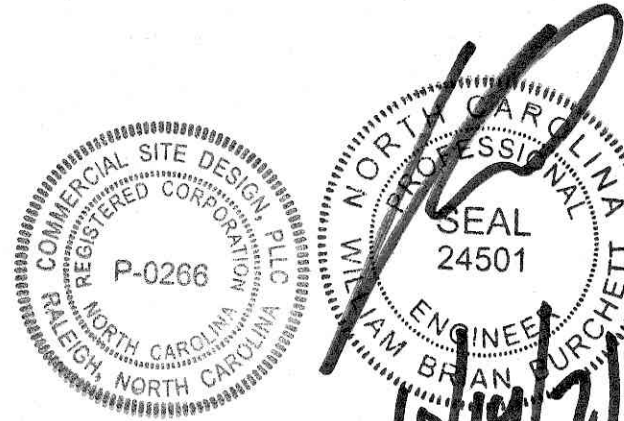
NOSE DOWN CURB DETAIL



FLUSH HANDICAP RAMP DETAIL



TYPICAL CONCRETE VALLEY GUTTER



REVISIONS	NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN

882 CREEDMOOR ROAD
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CLIENT:

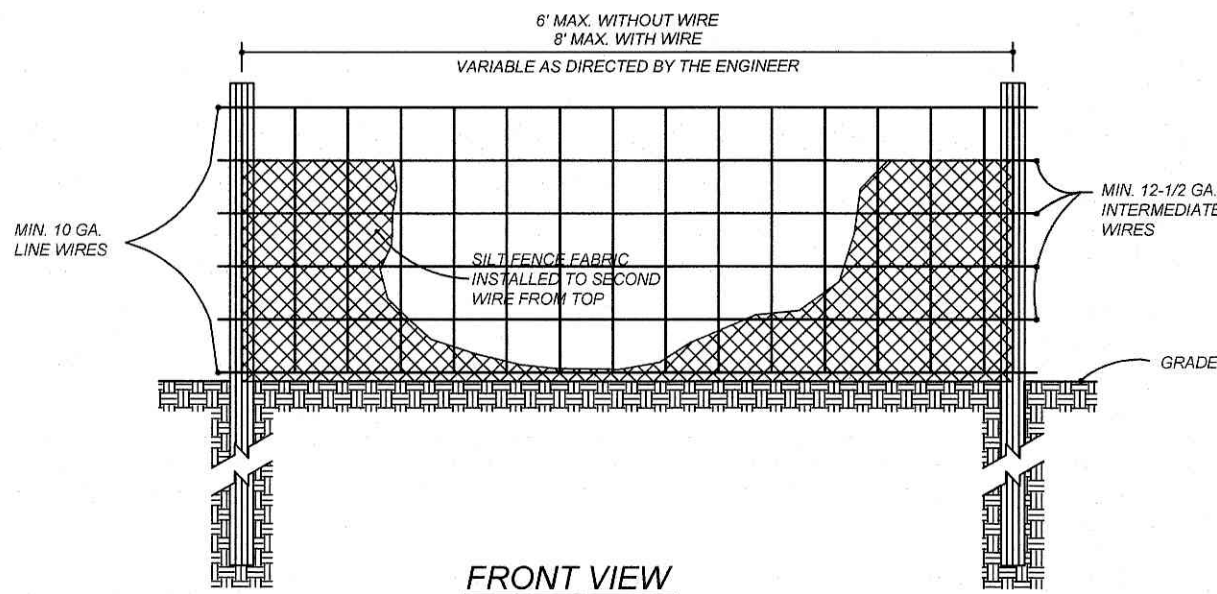
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445 BISHOP ST NW
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PHONE: (404) 913-9131
Matt@trackwestpartners.com

Track West 55

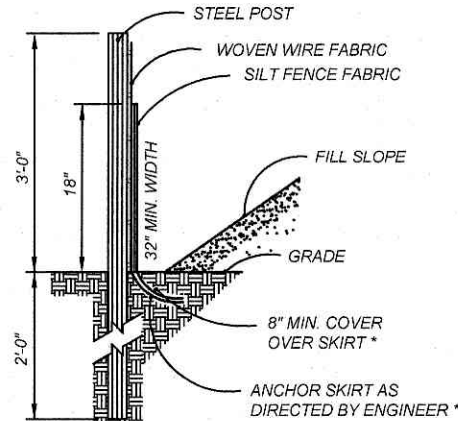
1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

PROJECT NO.	TRW-2003
DRAWN BY:	DDH
SCALE:	N.T.S.
DATE:	09-21-2021
SHEET NO.	C-9

X:\TRW - Trackwest Partners\2003 - Wilksboro, NC\CAD\TRW2003-DTL2.dwg, 10/4/2021 10:55:10 AM, dawdh



NOTE:
USE SILT FENCE ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND NEVER IN AREAS OF CONCENTRATED FLOW



* FOR REPAIR OF SILT FENCE FAILURES, USE NO. 57 WASHED STONE FOR ANCHOR WHEN SILT FENCE IS PROTECTING CATCH BASIN

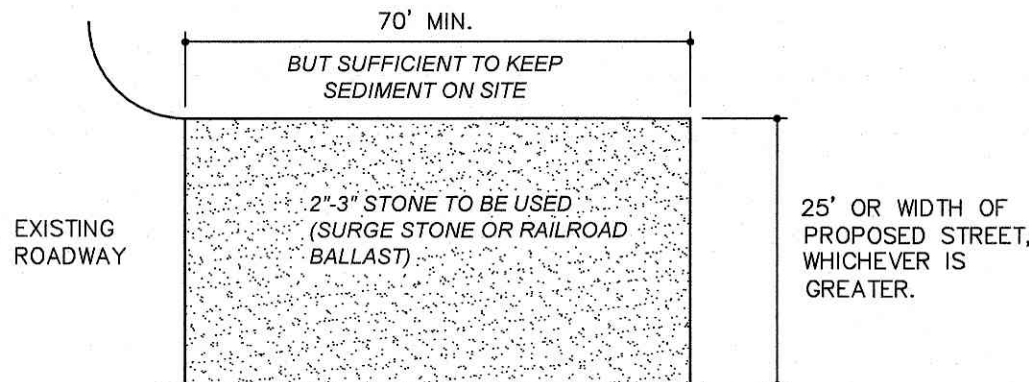
MAINTENANCE:

INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

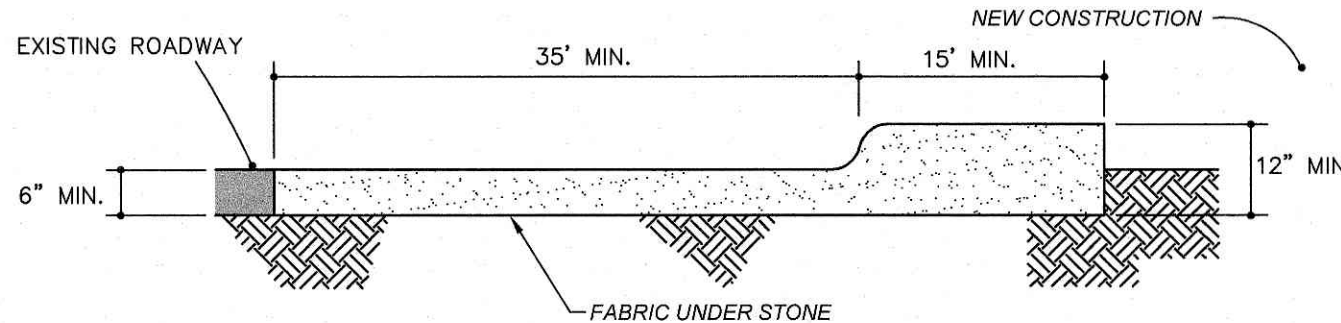
STANDARD TEMPORARY SILT FENCE

NOTES:

1. PUT SILT FENCE OR TREE PROTECTION FENCE UP TO ENSURE CONSTRUCTION ENTRANCE IS USED.
2. IF CONSTRUCTION ON THE SITES ARE SUCH THAT THE MUD IS NOT REMOVED BY THE VEHICLE TRAVELING OVER THE STONE, THEN THE TIRES OF THE VEHICLES MUST BE WASHED BEFORE ENTERING THE PUBLIC ROAD.

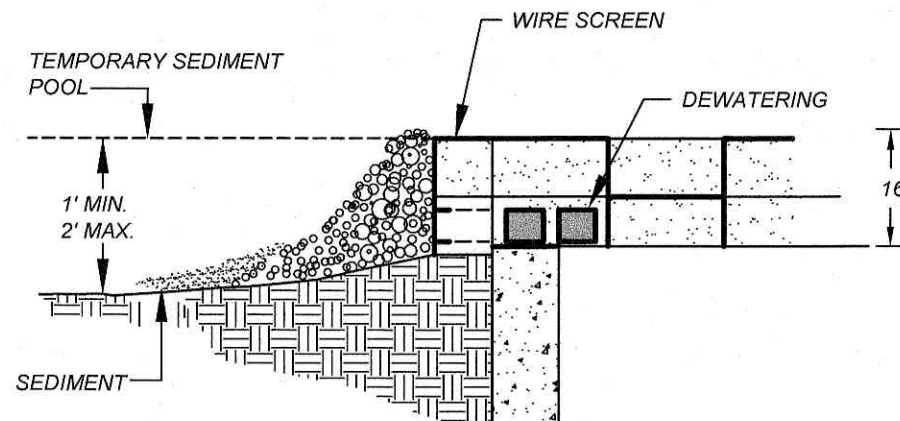
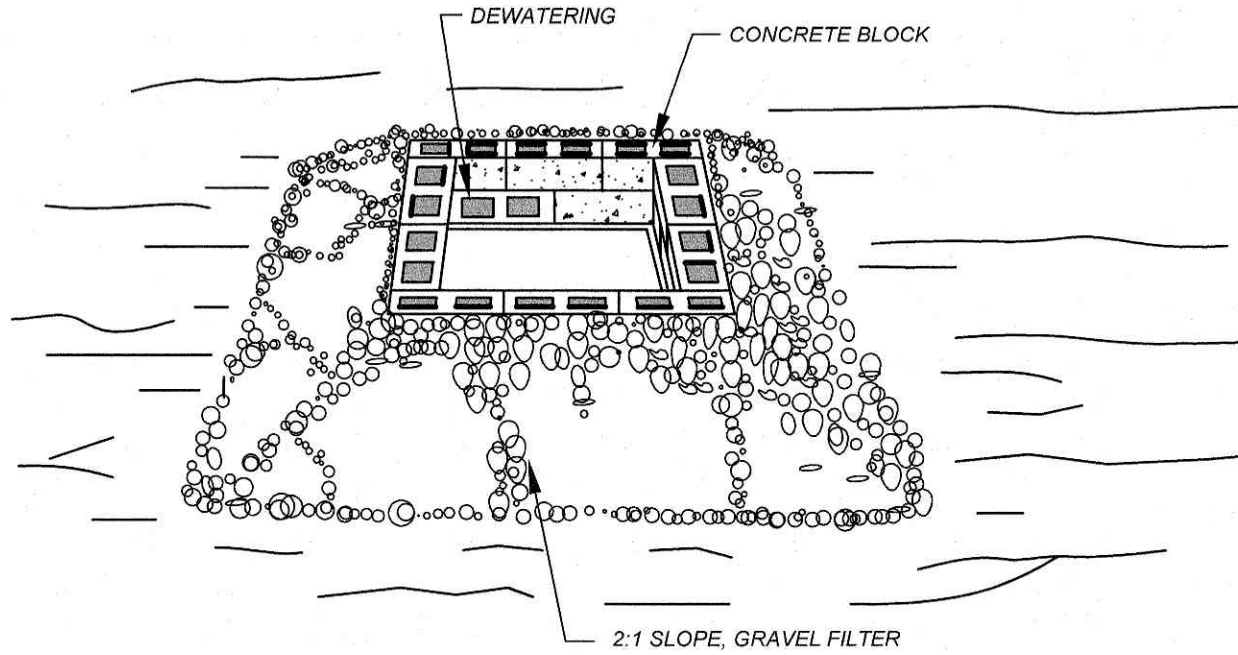


PLAN



CROSS SECTION

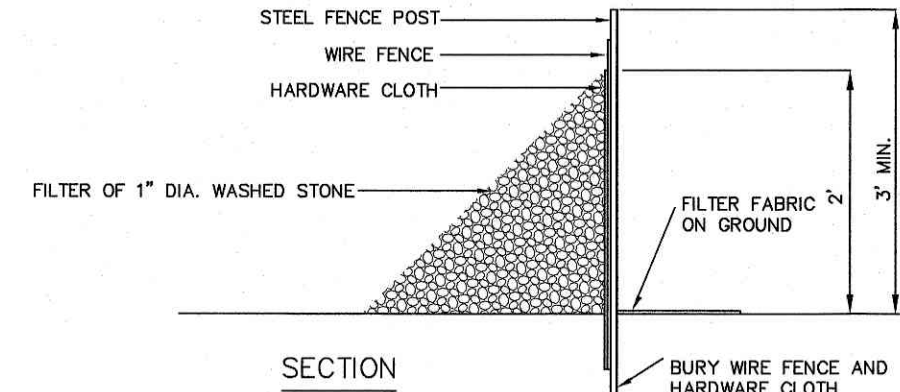
CONSTRUCTION ENTRANCE



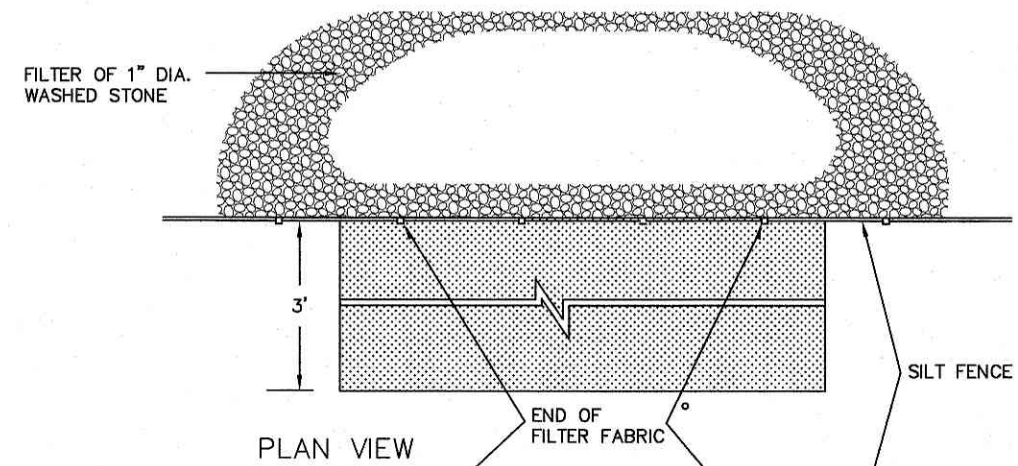
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE 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.
2. CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
3. USE CLEAN GRAVEL, 3/4- TO 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. DOT #57 WASHED STONE IS RECOMMENDED.

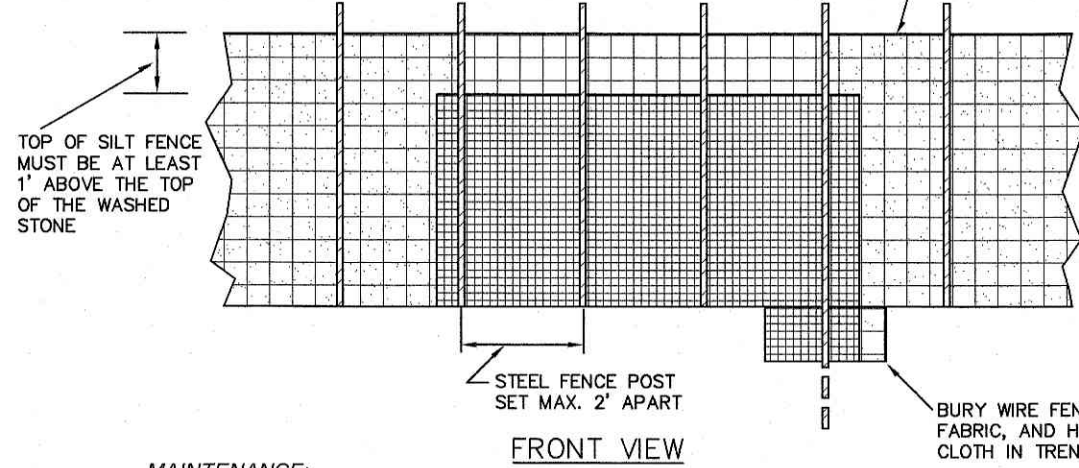
BLOCK AND GRAVEL DROP INLET PROTECTION



SECTION



PLAN VIEW



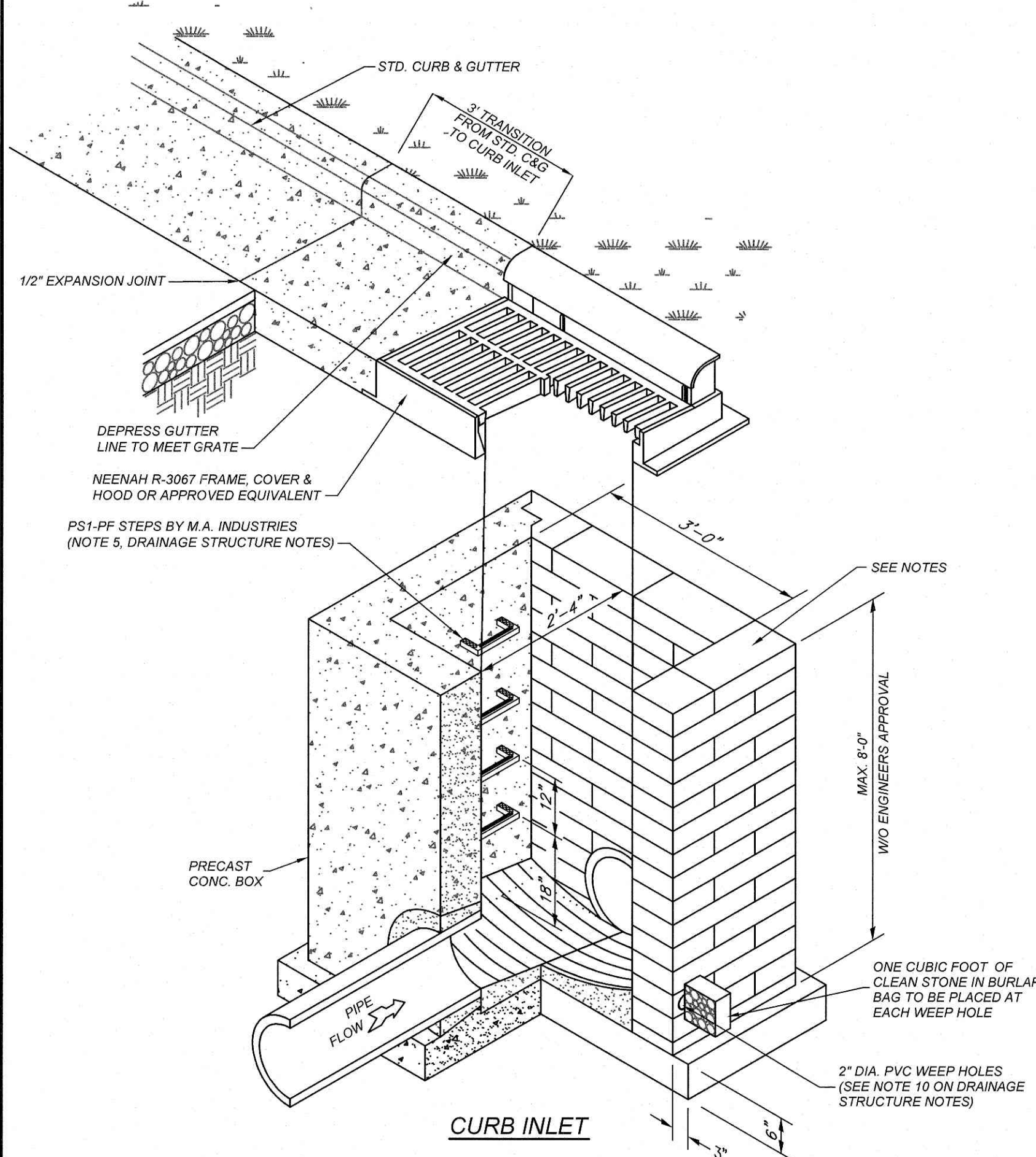
FRONT VIEW

MAINTENANCE:

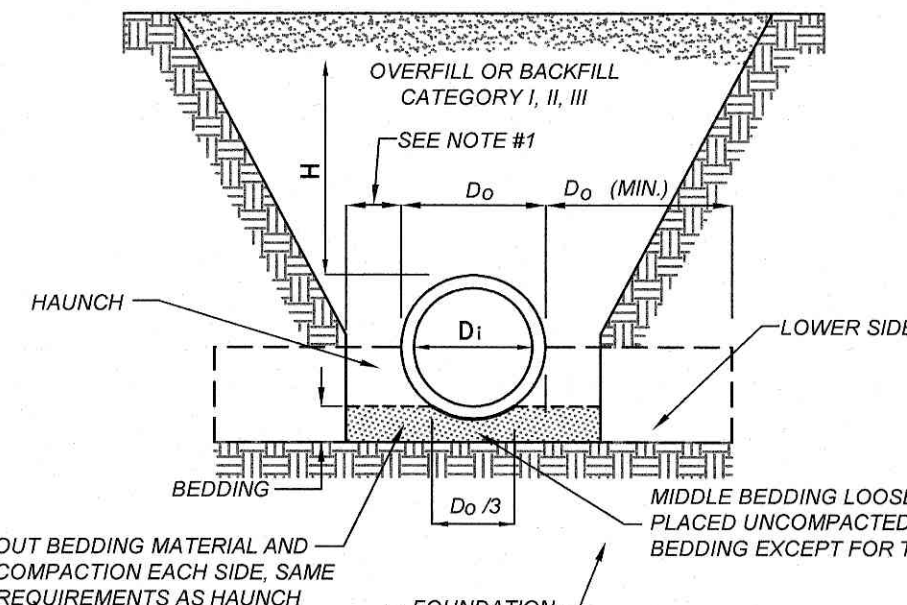
1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS MADE AS NEEDED.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
4. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE GRAVEL OUTLET

(N.T.S.)



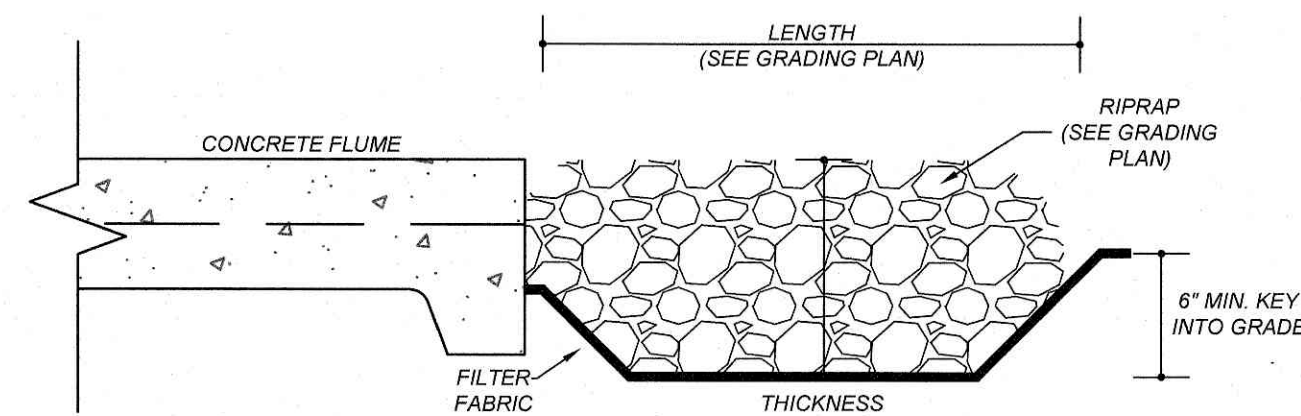
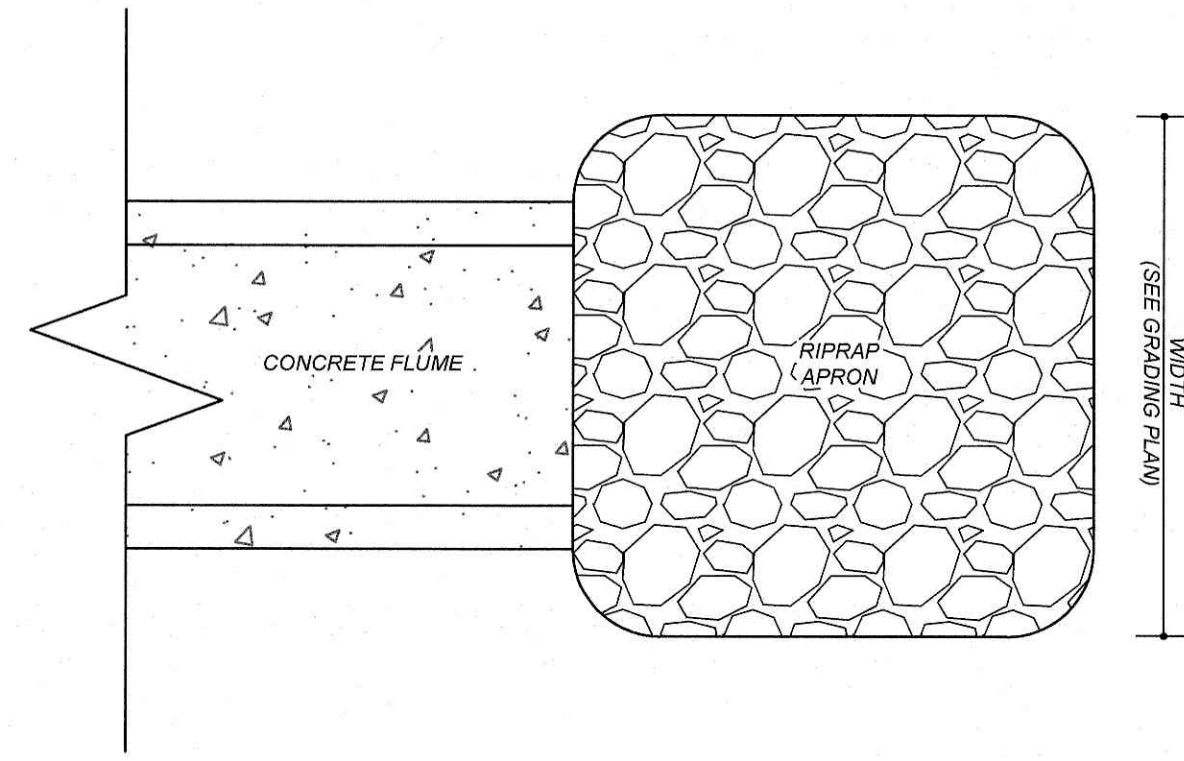
CURB INLET



INSTALLATION TYPE	BEDDING THICKNESS	HAUNCH AND OUTER BEDDING	LOWER SIDE
TYPE I	D ₀ /24 MINIMUM, NOT LESS THAN 3 IN. IF ROCK FOUNDATION, USE D ₀ /12 MINIMUM, NOT LESS THAN 6 IN.	95% CATEGORY I	UNDISTURBED NATURAL SOIL WITH FIRMNESS EQUIVALENT TO THE FOLLOWING PLACED SOILS: 90% CATEGORY I, 95% CATEGORY II, OR 100% CATEGORY III, OR EMBANKMENT TO THE SAME REQUIREMENTS.

1. COMPACTION AND SOIL SYMBOLS, THAT IS, 95% CATEGORY I, REFER TO CATEGORY I SOIL MATERIAL WITH A MINIMUM STANDARD PROCTOR COMPACTION OF 95%.
2. THE TRENCH TOP ELEVATION SHALL BE NO LOWER THAN 0.1 H BELOW FINISHED GRADE OR, FOR ROADWAYS, ITS TOP SHALL BE NO LOWER THAN AN ELEVATION OF 1 FT BELOW THE BOTTOM OF THE PAVEMENT BASE MATERIAL.
3. WHEN THE TRENCH WIDTH SPECIFIED MUST BE EXCEEDED, THE ENGINEER SHALL BE NOTIFIED.
4. SOIL IN BEDDING AND HAUNCH ZONES SHALL BE COMPACTED TO AT LEAST THE SAME COMPACTION AS SPECIFIED FOR THE MAJORITY OF SOIL IN THE BACKFILL ZONE.
5. THE TRENCH WIDTH SHALL BE WIDER THAN SHOWN IF REQUIRED FOR ADEQUATE SPACE TO ATTAIN THE SPECIFIED COMPACTION IN THE HAUNCH AND BEDDING ZONES.
6. FOR TRENCH WALLS THAT ARE WITHIN 10 DEGREES OF VERTICAL, THE COMPACTION FIRMNESS OF THE SOIL IN THE TRENCH WALLS AND LOWER SIDE ZONE NEED NOT BE CONSIDERED. SEE NOTE 3.
7. FOR TRENCH WALLS GREATER THAN 10 DEGREE SLOPES THAT CONSIST OF EMBANKMENT, THE LOWER SIDE SHALL BE COMPACTED TO AT LEAST THE SAME COMPACTION AS SPECIFIED FOR THE SOIL IN BACKFILL ZONE. SEE NOTE 3.
8. REQUIRED BEDDING THICKNESS IS THE THICKNESS OF THE BEDDING AFTER THE PLACEMENT OF THE PIPE ON THE BEDDING AND PRIOR TO THE PLACEMENT OF THE BACKFILL.

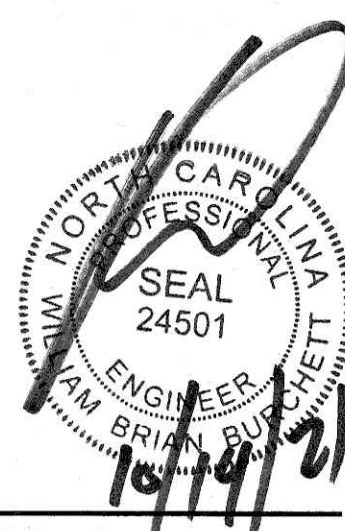
TYPE I - TRENCH DETAIL



MAINTENANCE:

1. INSPECT RIPRAP APRON AT END OF PROJECT.
2. REPLACE ANY MISSING STONE.
3. VERIFY FILTER FABRIC IS UNDER RIP RAP.

RIPRAP APRON OF FLUME OUTLET



DRAINAGE STRUCTURE NOTES

1. BOXES SHALL COMPLY WITH LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
2. ANY NONSTANDARD BOX IS TO BE DESIGNED BY A PROFESSIONAL ENGINEER.
3. THE MAXIMUM HEIGHT OF AN UNREINFORCED MASONRY DRAINAGE STRUCTURE WITH 8" WALLS SHALL BE LIMITED TO 8'-0" FROM INVERT OF THE OUTLET PIPE TO THE TOP OF THE CASTING. DEPTHS GREATER THAN 8'-0" SHALL HAVE WALLS 12" THICK. BASINS OVER 12' IN TOTAL DEPTH SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER. FOUR INCH WALLS ARE NOT ALLOWED ON DRAINAGE STRUCTURES. BOTTOM SLAB ON STRUCTURES SHALL BE REINFORCED WHEN BOX DEPTHS EXCEEDS 8 FT.
4. STEPS ARE TO BE PROVIDED ON ALL BASINS DEEPER THAN 42".
5. STEPS ARE TO BE PS1-PF AS MANUFACTURED BY M.A. INDUSTRIES OR AN APPROVED EQUAL. LOCATE ON NON-PIPE WALLS.
6. MORTAR IN MASONRY BOXES IS TO BE TYPE M.
7. CLAY BRICK STRUCTURES ARE NOT ALLOWED.
8. CONCRETE PIPE IS TO BE MINIMUM CLASS III.
9. CONCRETE BUILDING BRICK IS TO MEET ASTM C-55, GRADE N, TYPE 1.
10. BASINS LOCATED IN WET AREAS, OR AS OTHERWISE REQUIRED BY THE TOWN ENGINEER, SHALL HAVE WEEP HOLES AS SHOWN ON DETAILS.
11. ALL CAST-IN-PLACE PRECAST CONCRETE DRAINAGE STRUCTURES LOCATED IN PAVED AREAS ACCESSIBLE TO TRUCK LOADINGS TO BE DESIGNED TO MEET AASHTO HS 20-44 LOADING. SEE MANUFACTURERS DETAILS FOR WALL, TOP AND BOTTOM THICKNESS.

REVISIONS		NO.		DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN

8812 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27607

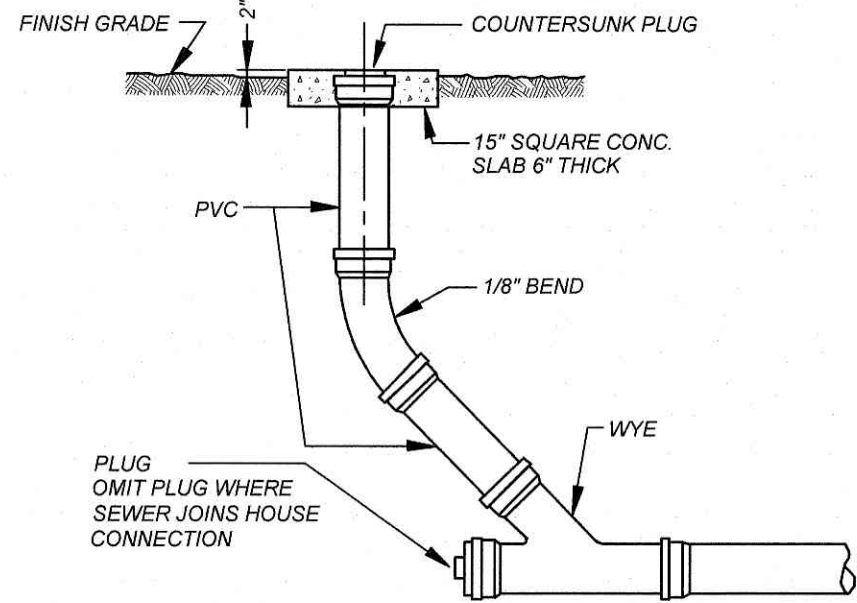
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445 BISHOP ST NW
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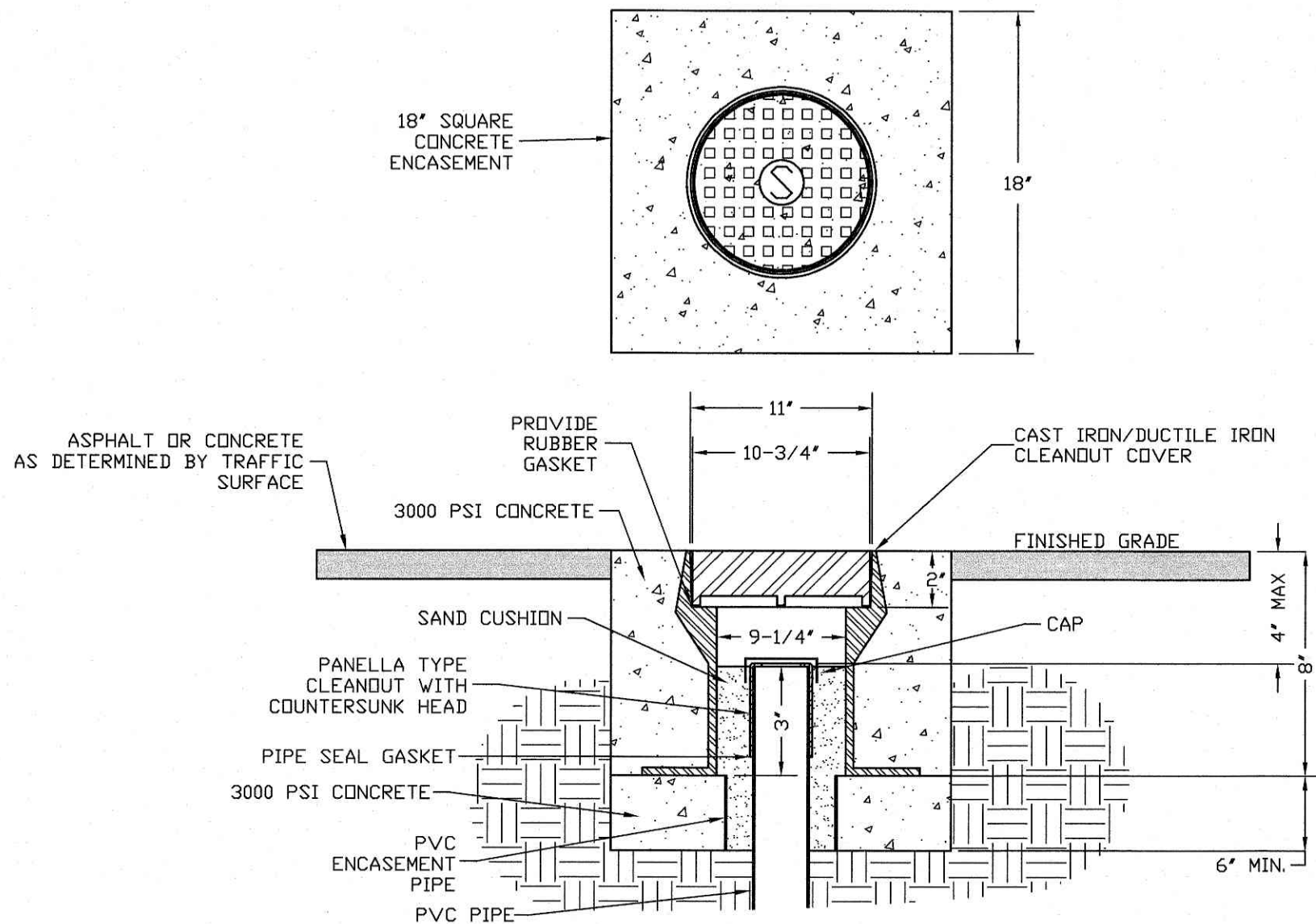
PROJECT NO. TRW-2003
FILENAME: TRW2003-DTL2
DRAWN BY: DDH
SCALE: N.T.S.
DATE: 09-21-2021
SHEET NO. C-10

1424 CURTIS BRIDGE ROAD
WILKESBORO, NORTH CAROLINA 28697

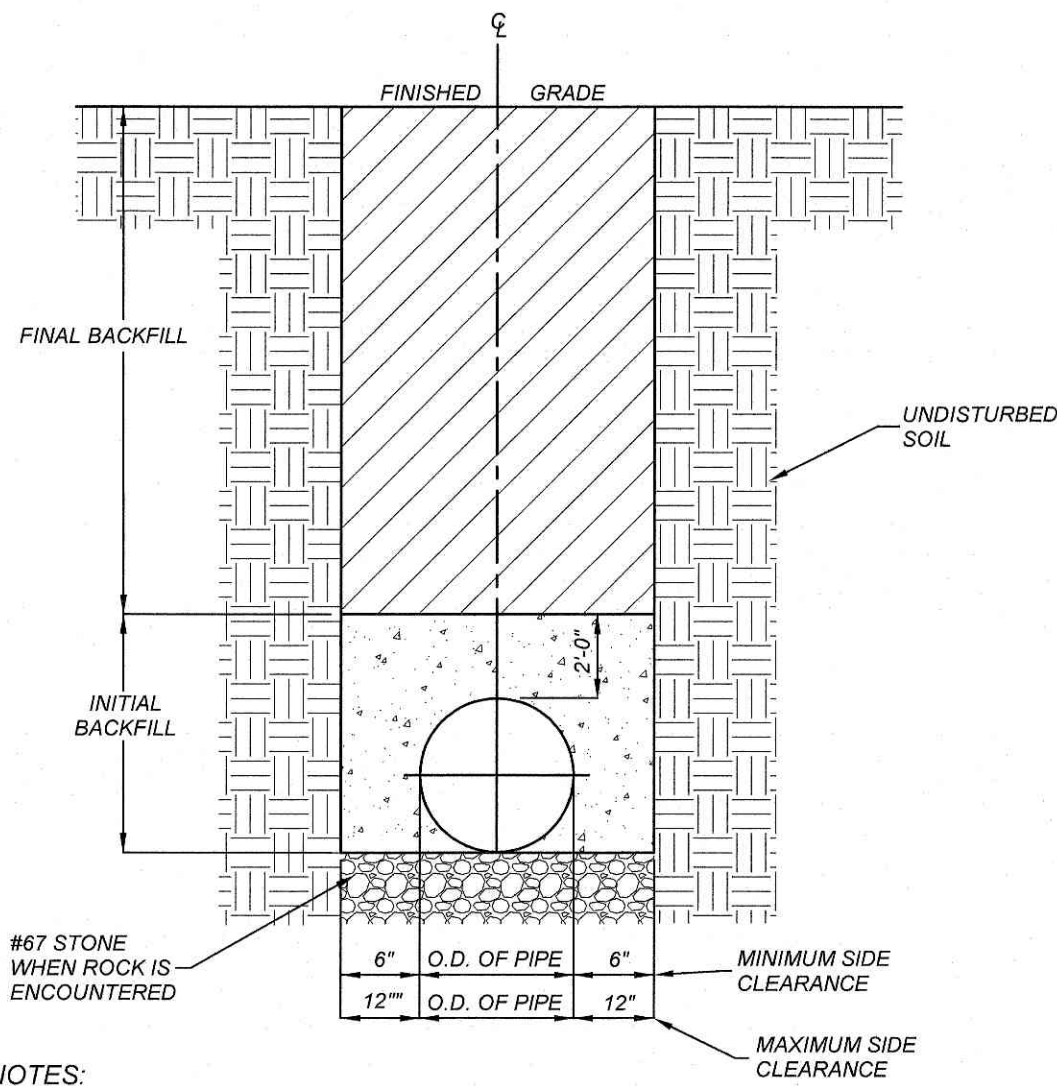
PROJECT NO. TRW-2003
FILENAME: TRW2003-DTL2
DRAWN BY: DDH
SCALE: N.T.S.
DATE: 09-21-2021
SHEET NO. C-10



SANITARY SEWER CLEANOUT

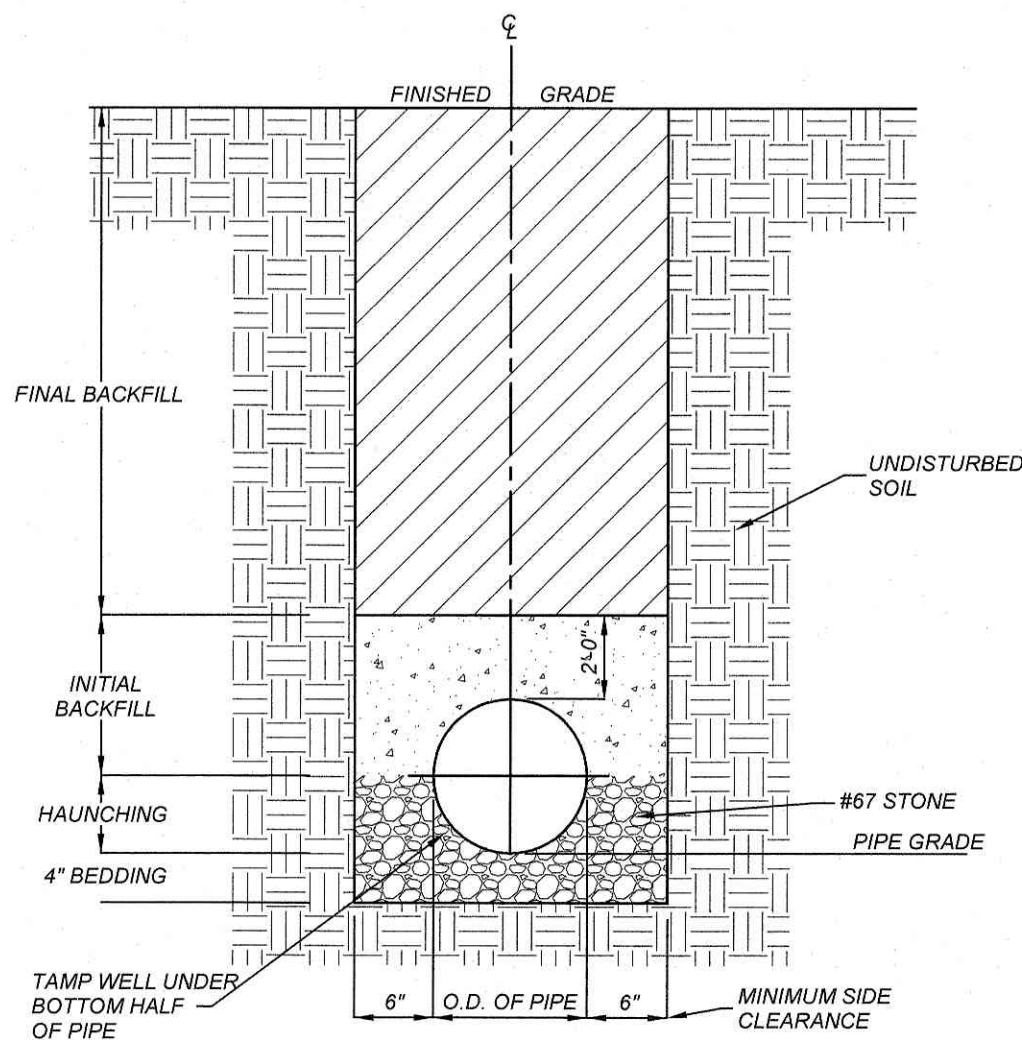


CLEANOUT COVER ASSEMBLY TRAFFIC AREA



- NOTES:
1. TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
 2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
 4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.
 5. ACHIEVE 80% COMPACTION IN NON-TRAFFIC AREAS, AND 98% COMPACTION IN TRAFFIC AREAS.
 6. IF IN EASEMENT 4" TOPSOIL, AND 12" CLEAN SELECT FILL IS REQUIRED.
 7. NO BOULDERS 8" IN DIAMETER OR GREATER ALLOWED.

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE



- TYPICAL TRENCH BOTTOM DIMENSIONS FOR SDR 35 PVC GRAVITY PIPE
1. FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE FACE OF THE SHORING AND BRACING.
 2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
 4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN

TRENCH DETAILS

REVISIONS	NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN

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hwy 55

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DETAILS

PROJECT NO.	TRW-2003
FILENAME:	TRW2003-DTL3
DRAWN BY:	DDH
SCALE:	N.T.S.
DATE:	09-21-2021
SHEET NO.	C-11

