BEGIN TIP R-5600 END TIP **R**-5600 VICINITY MAP

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITY CONSTRUCTION PLANS JACKSON COUNTY

LOCATION: SYLVA - N.C. 107 FROM WEST OF U.S. 23 BUSINESS (ASHEVILLE HIGHWAY) TO SOUTH OF N.C. 116 (WEBSTER ROAD) AND U.S. 23 BUSINESS FROM SKYLAND DRIVE TO WEST OF MUNICIPAL DRIVE

TYPE OF WORK: WATER AND SEWER CONSTRUCTION

T.I.P. NO.

R-5600

UC-1

SHEET NO.

100% UTILITY CONST. PLANS

UTILITY CONST. PLANS **DATE: JULY** 3, 2025



END TIP PROJECT R-5600 -Y- STA. 28 + 50.00 END TIP PROJECT R-5600 -L-STA.149+57.42END CONSTRUCTION (R-5000) -Y4- STA. 34 + 18.05 BEGIN TIP PROJECT R-5600 UC-14 -L-STA.11+25.00RDY SHEET 14A UC-16 DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

GRAPHIC SCALES 50 25 0 **PLANS** 50 25 PROFILE (HORIZONTAL) PROFILE (VERTICAL)

SHEET NO. *UC-1 UC-2 UC-3*

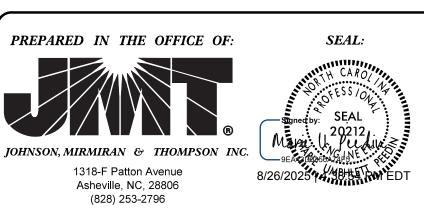
UC-3A - UC-3EUC-3F - UC-3H*UC-4 - UC-16*

INDEX OF SHEETS **DESCRIPTION**

TITLE SHEET UTILITY SYMBOLOGY **NOTES DETAILS** SERVICES TABLE UTILITY PLANS & PROFILES

PUBLIC UTILITY OWNERS ON PROJECT

(1) WATER & SEWER - TUCKASEIGEE WATER AND SEWER AUTHORITY (TWSA)



Marie Peedin, P.E.

UTILITY PROJECT MANAGER PROJECT UTILITY COORDINATOR James Montgomery Emily Morris, E.I. PROJECT UTILITY DESIGNER



DIVISION OF HIGHWAYS UTILITIES UNIT 1555 MAIL SERVICES CENTER RALEIGH NC 27699–1555 PHONE (919) 707–6690 FAX (919) 250–4151

Alireza Koucheki. P.E. UTILITIES REGIONAL ENGINEER

Bob Golding

DIVISION UTILITIES ENGINEER

JACKSON COUNTY

R-5600 UC-2

STATE OF NORTH CAROLINA

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown) 22½ Degree Bend 45 Degree Bend 90 Degree Bend Plug Cross Reducer Gate Valve Butterfly Valve Tapping Valve Line Stop Line Stop with Bypass Blow Off Fire Hydrant Relocate Fire Hydrant Remove Fire Hydrant Water Meter Relocate Water Meter REM WM Remove Water Meter Water Pump Station RPZ Backflow Preventer DCV Backflow Preventer Relocate RPZ Backflow Preventer Relocate DCV Backflow Preventer PROPOSED SEWER SYMBOLS Gravity Sewer Line (Sized as Shown) Force Main Sewer Line (Sized as Shown) Manhole (Sized per Note)

Sewer Pump Station

PROPOSED MISCELLANOUS UTILITIES SYMBOLS

ower Pole ····································	Thrust Block
elephone Pole	Air Release Valve
int Use Pole	Utility Vault
elephone Pedestal ····································	Concrete Pier
ype as Shown)	Steel Pier
renchless Installation	Plan Note
icasement by Open Cut	Pay Item Note
icasement	PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole •	*Underground Power Line
Telephone Pole	*Underground Telephone Cable ····································
Joint Use Pole	*Underground Telephone Conduit
Utility Pole •	*Underground Fiber Optics Telephone Cable ————— T FO
Utility Pole with Base	*Underground TV Cable
H-Frame Pole	*Underground Fiber Optics TV Cable
Power Transmission Line Tower	*Underground Gas Pipeline
Water Manhole ····································	Aboveground Gas Pipeline
Power Manhole	*Underground Water Line
Telephone Manhole ①	Aboveground Water Line
Sanitary Sewer Manhole	*Underground Gravity Sanitary Sewer Liness
Hand Hole for Cable	Aboveground Gravity Sanitary Sewer Line A/G Sanitary Sewer
Power Transformer	*Underground SS Forced Main Line
Telephone Pedestal	Underground Unknown Utility Line
CATV Pedestal	SUE Test Hole
Gas Valve	Water Meter •
Gas Meter	Water Valve ····································
Located Miscellaneous Utility Object o	Fire Hydrant
Abandoned According to Utility Records AATUR	Sanitary Sewer Cleanout
End of Information E.O.I.	

*For Existing Utilities
Utility Line Drawn from Record
Designated Utility Line

UTILITY CONSTRUCTION

GENERAL NOTES:

- 1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024.
- 2. THE EXISTING UTILITIES BELONG TO TUCKASEIGEE WATER AND SEWER AUTHORITY (TWSA). PLEASE CONTACT MR. BOBBY MORRIS, DISTRIBUTION AND COLLECTION SUPERINTENDENT, 1246 WEST MAIN STREET, SYLVA, NC 28779, (828) 507-4866, bmorris@twasnc.us
- 3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
- 4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
- 5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

- 6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
- 8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
- 9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

PROJECT SPECIFIC NOTES:

UTILITY CONSTRUCTION NOTES:

- 1. ALL FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT USING GRIP RINGS. NO GLUE OR PUSH-ON FITTINGS ARE ALLOWED. THRUST BLOCKING IS REQUIRED.
- 2. CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107 AND 1550 OF THE STANDARD SPECIFICATIONS CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE BORE DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE SHALL BE ALLOWED TO RIVER. WETLANDS OR BUFFER ZONES.
- 3. IF HDPE PIPE IS INSTALLED BY DIRECTIONAL DRILL, IT SHALL BE FILLED WITH WATER AND NOT BE CONNECTED TO ANY OTHER PIPE OR FITTING FOR ONE WEEK FROM THE TIME OF INSTALLATION.

- 4. NEW WATER LINES MUST BE PRESSURE TESTED AT 200 PSI OR 1.5 TIMES AVERAGE STATIC PRESSURE IN PROJECT AREA, WHICHEVER IS MORE FOR 2 HOURS. TEST TO BE OBSERVED BY TUCKASEIGEE WATER AND SEWER AUTHORITY REPRESENTATIVE AND THE NCDOT RESIDENT ENGINEER OR EQUIVALENT.
- 5. SERVICE INTERRUPTIONS SHALL BE SCHEDULED WITH TUCKASEIGEE WATER AND SEWER AUTHORITY AND SHALL BE COMPLETED DURING OFF-PEAK HOURS-BEGINNING AFTER 9 PM AND BE COMPLETED BY 4 AM, UNLESS AUTHORIZED BY TUCKASEIGEE WATER AND SEWER AUTHORITY. INTERRUPTION SHALL NOT EXCEED 8 HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY POTABLE WATER SUPPLIES TO ANY CUSTOMER UPON REQUEST BY TWSA AND/OR WHEN DURATION OF THE WATER SERVICE LOSS OR DISRUPTION EXCEEDS 4 HOURS.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AFFECTED CUSTOMERS OF ANY SERVICE OUTAGES. CONTRACTOR SHALL COORDINATE WITH TWSA ON ALL CUSTOMERS THAT MAY BE IMPACTED. THIS SHALL APPLY TO ANY EXISTING LINES WHERE PRESSURE IS LOST AND A BOIL WATER ADVISORY IS ISSUED.
- 7. ALL TESTING TO BE PERFORMED USING APPROVED BACKFLOW PREVENTION. ALL NC DEQ-DWR-PWS AND LOCAL TESTING MUST BE COMPLETED AND APPROVED PRIOR TO CONNECTING THE NEW CONSTRUCTION TO THE EXISTING WATER LINES. SEE DETAIL SHEET UC-3C.
- 8. THE PROFESSIONAL ENGINEER (PE) SHALL OBTAIN AND PROVIDE THE NC DEQ "AUTHORIZATION TO CONSTRUCT" PERMIT TO THE UTILITY CONTRACTOR BEFORE THE CONSTRUCTION OF THE WATER LINE SHALL BEGIN. THE UTILITY CONTRACTOR MUST POST A COPY OF THE NC DEQ "AUTHORIZATION TO CONSTRUCT" PERMIT ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY ON SITE PRIOR TO THE START OF CONSTRUCTION. THE PERMIT MUST BE MAINTAINED ON SITE THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS OF THE PROPOSED WATER LINES THAT WILL SERVE THIS PROJECT. ANY SIGNIFICANT CHANGE FROM THE SEALED PLANS SHALL REQUIRE NOTIFICATION AND APPROVAL FROM PWS AND NCDOT PRIOR TO MAKING THE MODIFICATION.

PROJECT REFERENCE NO. SHEET NO.

R - 5600

DESIGNED BY: ELM

DRAWN BY: HSN

CHECKED BY: MUP

APPROVED BY: MUP

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

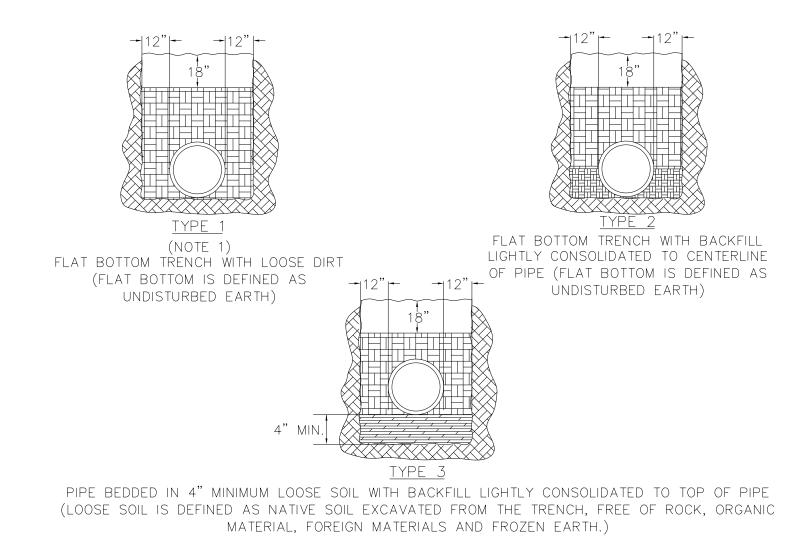
UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690
FAX: (919)250-4151

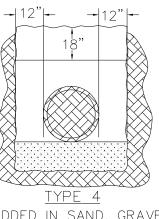
DOCUMENT NOT CONSIDERED FINAL
UNTIL ALL SIGNATURES ARE COMPLETED

UTILITY CONSTRUCTION

- 9. HDPE PRESSURE PIPE FOR POTABLE WATER SHALL MEET THE REQUIREMENTS OF NSF 61.
- 10. ANY NECESSARY CONNECTIONS FOR TESTING AND FILLING THE INSTALLED WATER MAIN WILL BE REQUIRED AND CONSIDERED INCIDENTAL TO THE WATER MAIN CONSTRUCTION. SEE DETAIL SHEET UC-3C.
- 11. CONTRACTOR IS REQUIRED TO PROVIDE TWSA AND NCDOT A SEWER BY-PASS PLAN PRIOR TO BEGINNING ANY SEWER WORK.
- 12. CONTRACTOR WILL BE REQUIRED TO TELEVISE SANITARY SEWER LINE PRE & POST CONSTRUCTION OF EXISTING 8" OR LARGER TERRACOTTA LINE TO REMAIN WITHIN PROJECT LIMITS.
- 13. CONTRACTOR SHALL CONFORM TO SPECIAL PROVISIONS.
- 14. TRACER WIRE MUST BE PLACED ON ALL BURIED TWSA LINES EXCEPT GRAVITY SEWER.
- 15. METALLIC BURY TAPE MUST BE PLACED ON ALL TWSA LINES INCLUDING GRAVITY SEWER. THE BURY TAPE MUST ALWAYS BE USED ABOVE A UTILITY, REGARDLESS OF WHAT IT IS.
- 16. PRIOR TO CONSTRUCTION OF THE MILL CREEK CULVERT, A 2" TEMPORARY SERVICE MAIN SHALL BE INSTALLED AS SHOWN ON THE PLANS. THIS LINE WILL BE CONNECTED TO THE EXISTING WATER MAIN AND ALL EXISTING SERVICES WILL BE TIED INTO THIS LINE UNTIL THE NEW WATER LINE HAS BEEN INSTALLED AND TESTED.
- 17. SERVICES WILL NOT BE REPLACED ON LOTS WHICH HAVE NO BUILDINGS. WHEN OWNER CHOOSES TO REDEVELOP, TWSA WILL INSTALL NEW WATER SERVICES.
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF PIPE RESTRAINTS FOR ALL NECESSARY LOCATIONS AS SHOWN ON DETAIL SHEET UC-3B. NO NOTATION HAS BEEN MADE ON THE PLANS.
- 19. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF RPZ OUTSIDE OF PROPOSED SIDEWALK AND EXISTING PARKING LOTS. FIELD ADJUST AS NEEDED.

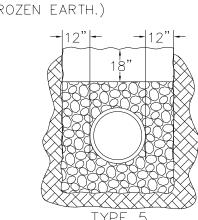






PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO A DEPTH OF 1/8
PIPE DIAMETER, 4" MINIMUM WITH BACKFILL COMPACTED TO TOP OF PIPE.

(APPROXIMATELY 80 PERCENT STANDARD PROCTOR, AASHTO T-99)



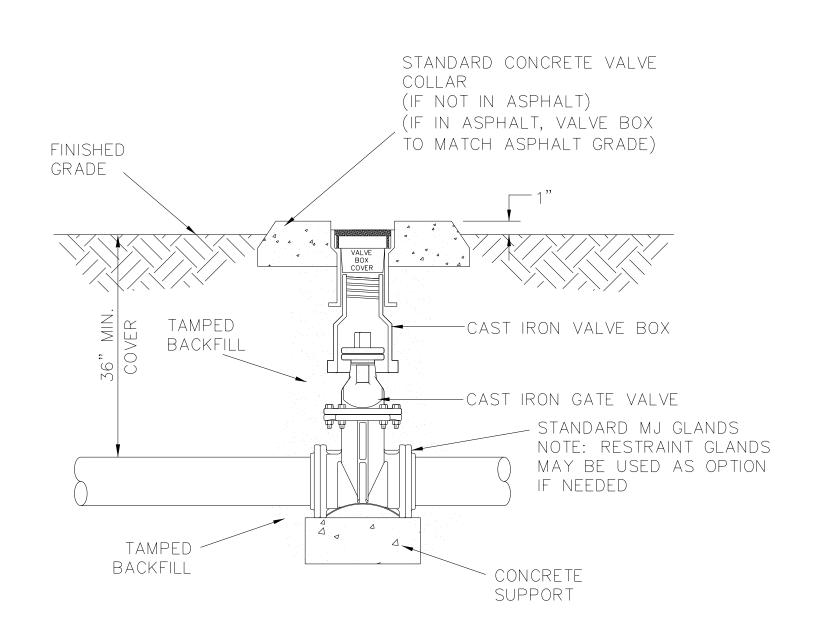
PIPE BEDDED TO IT'S CENTERLINE IN COMPACTED GRANULAR MATERIAL, 4" MINIMUM UNDER PIPE. COMPACTED GRANULAR OR SELECT MATERIAL TO TOP OF PIPE (APPROXIMATELY 90 PERCENT STANDARD PROCTOR, AASTO T-99) (SELECT MATERIAL IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, ORGANIC MATERIAL, FOREIGN MATERIALS AND FROZEN EARTH)

NOTES:

- 1. FOR NORMAL PIPE SIZES 14 INCH AND LARGER, CONSIDERATION SHOULD BE GIVEN TO THE USE OF LAYING CONDITIONS OTHER THAN TYPE 1.
- 2. CONSIDERATION OF THE PIPE-ZONE EMBEDMENT CONDITIONS INCLUDED IN THIS FIGURE MAY BE INFLUENCED BY FACTORS OTHER THAN PIPE STRENGTH. FOR ADDITIONAL INFORMATION ON PIPE BEDDING AND BACKFILL, SEE ANSI/AWWA C600.

WATER MAIN EMBEDMENT DETAILS

NOT TO SCALE



INLINE VALVE DETAIL

NOT TO SCALE

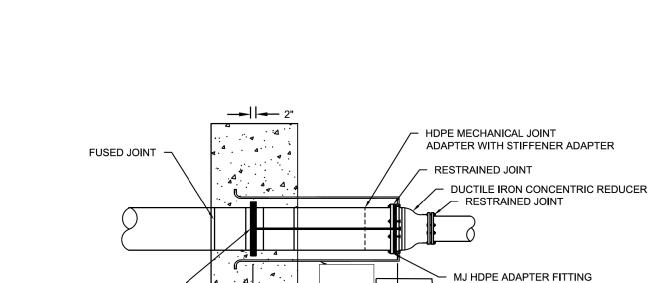
PLACE TRACER WIRE BOX AT INTERVALS WHERE VALVES DO NOT OCCUR & PLACE TRACER WIRE AT PIPE INTERSECTIONS, MULTIPLE VALVES, RUN WIRE UP AT ONLY IN BOX. — ONE VALVE. FINISHED GRADE TRACER WIRE BOX ----VALVE BOX TRACER WIRE BOX SINGLE 12 AWG SOLID CORE WIRE PIPELINE -GATE VALVE MASONRY BLOCK TRACER WIRE TO BE LAID UNDERNEATH WATER LINE

NOTES:

- I. PLACE TRACER WIRE IN TRACER WIRE BOX AS SHOWN.
- 2. NO UNDERGROUND SPLICING WILL BE ALLOWED. DO NOT SPLICE WIRE WHEN BEGINNING A NEW SPOOL. INSTEAD INSTALL A TRACER WIRE BOX AND ATTACH EACH WIRE TO THE BOX.
- 3. TRACER WIRE BOXES SHALL BE PLACED NO FARTHER THAN 400' APART

TYPICAL TRACER WIRE INSTALLATION DETAIL

NOT TO SCALE



NOTE:
SEE SEPARATE DETAIL FOR CONCRETE ANCHOR BLOCK

PROJECT REFERENCE NO.

HSN

PHONE: (919)707-6690 UTILITY CONSTRUCTIO FAX: (919)250-4151 PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

R-5600

DESIGNED BY: **ELM**

CHECKED BY: MUP

APPROVED BY: MUP

NORTH CAROLINA DEPARTMENT OF

TRANSPORTATION

UTILITIES ENGINEERING SEC

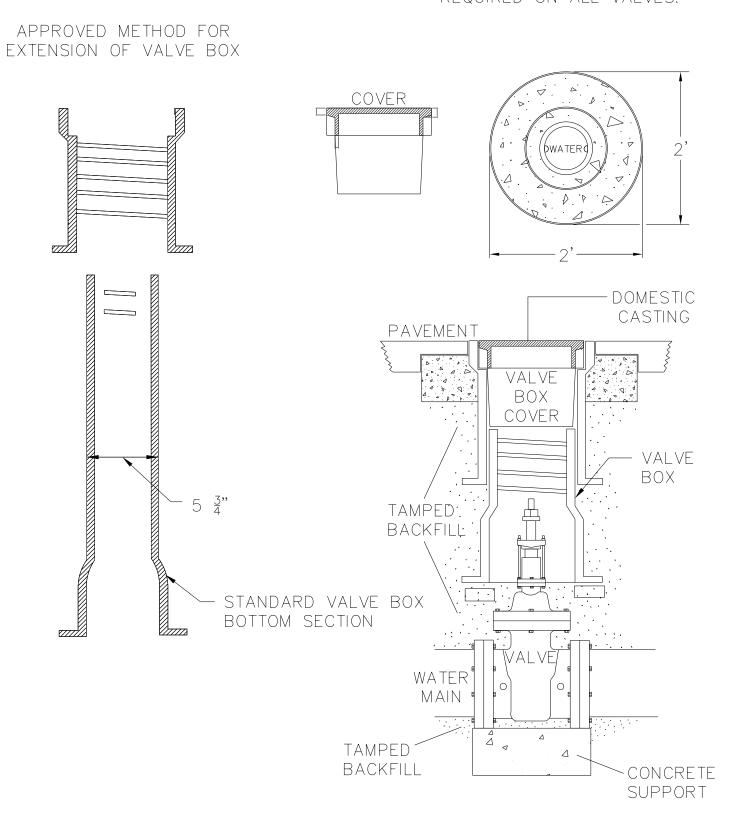
DRAWN BY:

REVISED:

SHEET NO.

UC-3A

NOTE: CONCRETE VALVE COLLAR REQUIRED ON ALL VALVES.

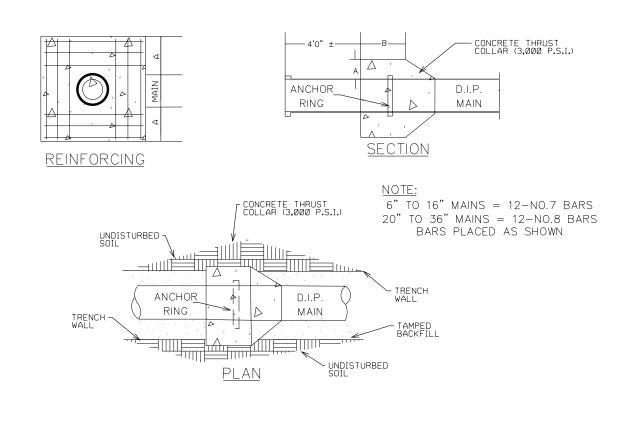


NOTE: VALVE BOX SHALL BE PER OWNER'S SPECIFICATIONS.

VALVE BOX INSTALLATION

NOT TO SCALE

HDPE PIPE CONNECTION NOT TO SCALE



THRUST ISOLATOR HDPE -

FITTING FUSED TO HDPE PIPE

	SCHEDULE									
PIPE DIAMETER	CONCRE	TE THRUST COLLAR	ANCHOR COLLAR	RINGS REQUIRED						
	А	В	С							
6", 8", 12"	1'-0"	1'-0"	2"	ONE						
16"	1'-4"	1'-0"	2"	ONE						
20"	1'-4"	1'-0"	3"	ONE						
24"	1'-4"	1'-0"	3"	TWO						
30"	1'-4"	1'-2"	4"	TWO						
46"	1'-4"	1'-4''	4"	TWO						

THRUST COLLAR INSTALLATION

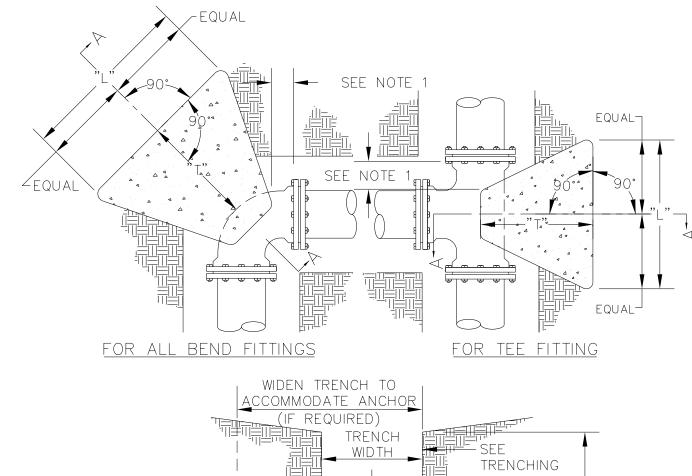
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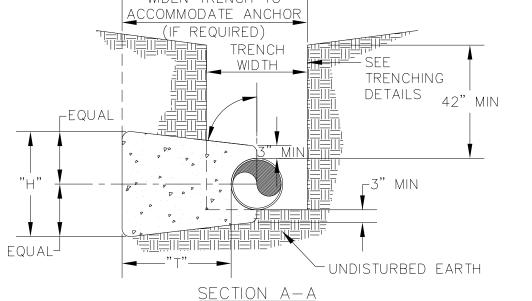


	TE	ST PRESSU	RE = 150	0 PSI			Έ	ST PRESSU	RE = 20	0 PSI		
PIPE SIZE	TYPE FITTING	DIMEN	nsions (F1	י			TYPE FITTING					
		"L"	"H"	"T"	00. 15.			"L"	"H"	"T"	CU. YD.	
	11 1/4°						11 1/4*	1.00	1.00	1.00	0.04	
<4	22 1/2*	1.00	1.00	1.50	0.06	<4	22 1/2*	1.00	1.00	1.50	0.06	
INCHES	45°	1.00	1.00	1.50	0.06	INCHES	45'	1.00	1.00	1.50	0.06	
	90.	1.00	1.00	2.50	0.09		90.	1.50	1.50	2.50	0.15	
	TEE	1.00	1.00	2.00	0.07		TEE	1.50	1.50	2.00	0.12	
	11 1/4	1.00	1.00	2.50	0.09		11 1/4	1.00	1.00	2.50	0.09	
4	22 1/2°	1.00	1.00	2.50	0.09	4	22 1/2*	1.00	1.00	2.50	0.09	
INCHES	45°	1.00	1.00	2.50	0.09	INCHES	45'	1.50	1.50	2.50	0.15	
	90.	1.50	1.50	2.50	0.15		90.	1.50	1.50	2.50	0.15	
	TEE	1.50	1.50	2.00	0.12		TEE	1.50	1.50	2.00	0.12	
	11 1/4°	1.50	1.50	2.50	0.15		11 1/4	1.50	1.50	2.50	0.15	
6	22 1/2*	1.50	1.50	2.50	0.15	6	22 1/2	1.50	1.50	2.50	0.15	
INCHES	45°	1.50	1.50	2.50	0.15	INCHES	45'	1.50	1.50	2.50	0.15	
	90.	2.00	2.00	3.00	0.28		90.	2.50	2.00	3.00	0.33	
	TEE	2.00	2.00	2.50	0.23		TEE	2.50	2.00	2.50	0.28	
	11 1/4*	2.00	2.00	2.50	0.23		11 1/4*	2.00	2.00	2.50	0.23	
8	22 1/2°	2.00	2.00	2.50	0.23	8	22 1/2*	2.00	2.00	2.50	0.23	
INCHES	45°	2.00	2.00	2.75	0.25	INCHES	45'	2.00	2.00	2.75	0.23	
	90 .	3.00	2.00	3.00	0.39		90.	4.00	2.00	3.00	0.50	
	TEE	3.00	2.00	2.50	0.32		TEE	4.00	2.00	2.50	0.42	
	11 1/4*	2.00	2.00	3.00	0.28		11 1/4*	2.00	2.00	3.00	0.28	
12	22 1/2°	2.00	2.00	3.00	0.28	12	22 1/2*	3.00	2.00	3.00	0.39	
INCHES	45°	3.00	2.50	3.00	0.47	INCHES	45'	4.00	2.50	3.00	0.61	
	90.	4.50	3.00	3.50	0.94		90.	5.50	3.00	3.50	1.13	
	TEE	4.50	3.00	3.00	0.81		TEE	5.50	3.00	3.00	0.97	
	11 1/4	2.00	2.00	3.00	0.28		11 1/4°	2.00	2.00	3.00	0.28	
16	22 1/2°	3.00	2.00	3.00	0.39	16	22 1/2*	4.00	2.00	3.00	0.50	
INCHES	45°	4.00	3.00	3.50	0.84	INCHES	45°	5.50	3.00	3.50	1.13	
	90 .	6.50	3.50	3.50	1.54		90.	7.50	4.00	3.50	2.01	
	TEE	6.50	3.50	3.00	1.32		TEE	7.50	4.00	3.00	1.72	

- 1. IF BLOCKING EXCAVATION IS IN LIGHTLY COMPACTED FILL AREAS, OR IN AREAS WHERE BOULDERS OR STUMPS HAVE BEEN REMOVED, BLOCKING SIZE MUST BE RE-SIZED FOR THE SPECIFIC LOCATION/CIRCUMSTANCE BY A NC LICENSED PROFESSIONAL ENGINEER.
- 2. BLOCKING SIZES SHOWN IN THESE TABLES ASSUME THE FOLLOWING:
- a. BLOCKING IS CONSTRUCTED IN RESIDUAL SOILS AS SHOWN IN DETAIL
- b. SOIL BEARING PRESSURE = 2000 PSF c. VELOCITY OF FLOW = 15 FPS
- 3. THIS DETAIL NOT APPLICABLE TO REDUCING BENDS.
- 4. NEITHER THE WEIGHT OF THE CONCRETE BLOCKING NOR FRICTION BETWEEN CONCRETE BLOCKING AND SOIL WAS ADDED INTO BLOCKING SIZES COMPUTATION. THEREFORE, BLOCKING SIZE IS CONSERVATIVE.

THRUST BLOCKING TABLE NOT TO SCALE





- 1. CONCRETE BLOCKING IS TO BE FORMED TO ENSURE ACCESSIBILITY TO FITTINGS AND POURED AGAINST UNDISTURBED EARTH.
- 2. ALL FITTINGS SHALL BE WRAPPED IN POLYETHYLENE TO PREVENT CONCRETE FROM CONTACTING FITTINGS, BOLTS OR ENDS OF MECHANICAL JOINT BENDS. 3. CONCRETE TO BE MINIMUM 3,000 PSI @ 28 DAYS.
- 4. WHEN SACKRETE IS TO BE USED, IT SHALL BE PROPERLY MIXED PER MANUFACTURER SPECIFICATIONS.
- 5. FOR REQUIRED DIMENSIONS, SEE THRUST BLOCKING TABLE.

THRUST BLOCKING NOT TO SCALE

Pipe Restraint Charts

Horizontal	& Vertical U	p Bends		Vertical	Down B	ends
		Pipeline				Pip
		Restraint Req.			Bend	Restra
Pipe Size (inch)	Bend Angle	(feet)	Pipe Si.	ze (inch)	Angle	(f
	11.25	2			11.25	
	22.5	5		Γ	22.5	
411	30	6		4"	30	
4"	45	10	•	4"	45	
	60	14			60	
	90	24		Γ	90	
	11.25	3			11.25	
	22.5	7		Γ	22.5	
6"	30	9		6"	30	
0	45	14		° [45	
	60	19			60	
	90	33		Γ	90	
	11.25	4			11.25	
	22.5	9		Γ	22.5	
8"	30	11		8"	30	
8"	45	18		δ [45	
	60	25			60	
	90	43		Γ	90	
	11.25	5			11.25	
	22.5	10		Γ	22.5	
10"	30	14		10"	30	;
10"	45	21	1	.о. Г	45	
	60	30			60	
	90	52			90	!
	11.25	6			11.25	
	22.5	12			22.5	
12"	30	16		12"	30	
12	45	25		<u> </u>	45	
	60	35		L	60	
	90	60			90	1
	11.25	7		L	11.25	
16"	22.5	13	1	16"	22.5	
10	45	27		,, L	45	
	90	65			90	1
	11.25	9			11.25	
24"	22.5	18	l ,	24"	22.5	
24	45	37	2	<i>"</i>	45	
	90	90			90	1

Restraint Req Fitting Type Size (inch) 52 10 85 12 101 16 131 6x4 10x4 10x6 10x8 31 12x4 93 12x6 78 12x10 16x4 128 Reducer 16x6 16x8 101 16x10 16x12 24x4 24x6 180 24x8 170 24x10 160 24x12 143 24x16 106 6 59 10 92 12 107 16 139

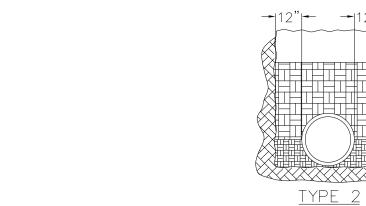
Tees, Reducer, Caps



UTILITY CONSTRUCTION

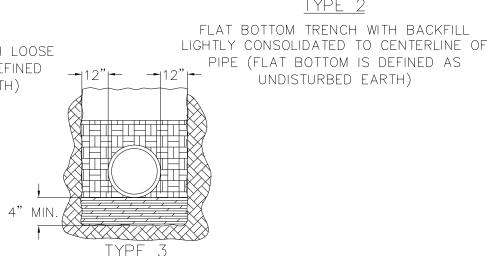
UNDISTURBED EARTH)

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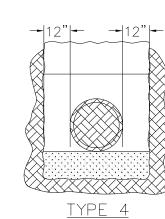


(NOTE 1) FLAT BOTTOM TRENCH WITH LOOSE DIRT (FLAT BOTTOM IS DEFINED AS UNDISTURBED EARTH)

TYPE '

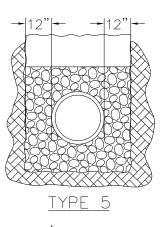


PIPE BEDDED IN 4" MINIMUM LOOSE SOIL WITH BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE (LOOSE SOIL IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCK, ORGANIC MATERIAL, FOREIGN MATERIALS AND FROZEN EARTH)



PIPE BEDDED IN SAND, GRAVEL OR CRUSHED STONE TO A DEPTH OF 1/8 PIPE DIAMETER, 4" MINIMUM WITH BACKFILL COMPACTED TO TOP OF PIPE (APPROXIMATELY 80 PERCENT

STANDARD PROCTOR, AASHTO T-99)



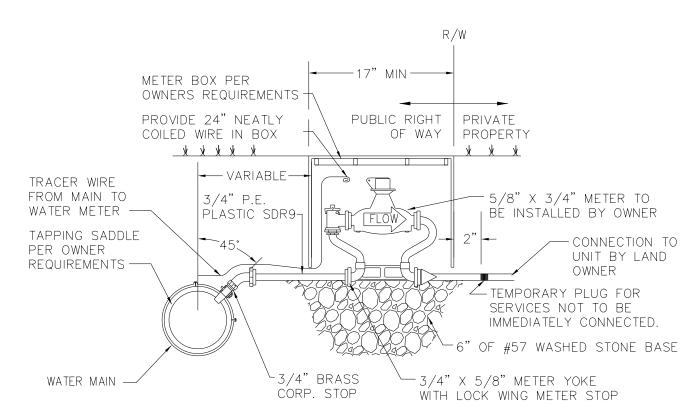
PIPE BEDDED TO ITS' CENTERLINE IN COMPACTED GRANULAR MATERIAL, 4" MINIMUM UNDER PIPE. COMPACTED GRANULAR OR SELECT MATERIAL TO TOP OF PIPE (APPROXIMATELY 90 PERCENT STANDARD PROCTOR, AASTO T-99) (SELECT MATERIAL IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, ORGANIC MATERIAL, FOREIGN MATERIALS AND FROZEN EARTH)

<u>NOTES:</u>

- 1. FOR NORMAL PIPE SIZES 14 INCH AND LARGER, CONSIDERATION SHOULD BE GIVEN TO THE USE OF LAYING CONDITIONS OTHER THAN TYPE 1.
- 2. CONSIDERATION OF THE PIPE-ZONE EMBEDMENT CONDITIONS INCLUDED IN THIS FIGURE MAY BE INFLUENCE BY FACTORS OTHER THAN PIPE STRENGTH. FOR ADDITIONAL INFORMATION ON PIPE BEDDING AND BACKFILL, SEE ANSI/AWWA C600.

SEWER FORCE MAIN EMBEDMENT DETAIL

NOT TO SCALE

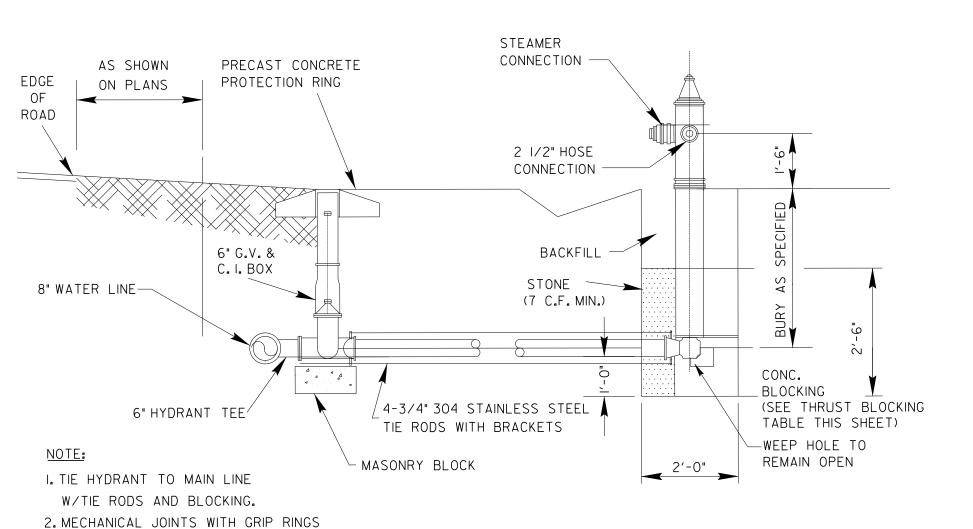


NOTE: METER BOX TO BE SUPPORTED ON BRICK OR BLOCK

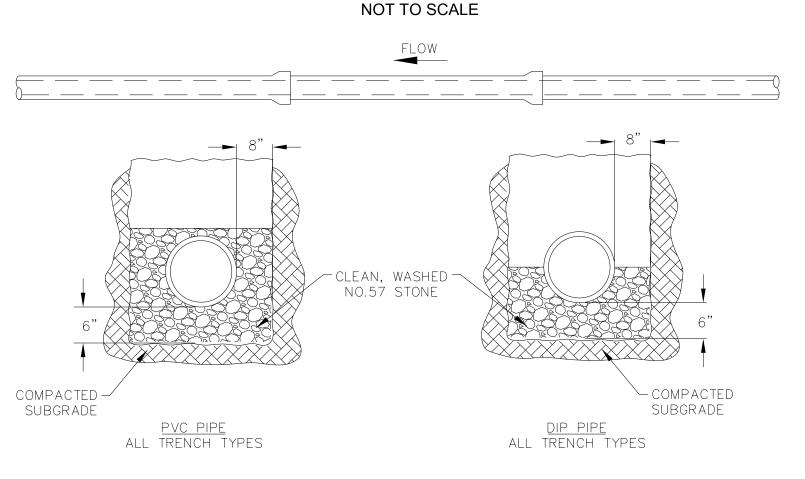
3/4" **TO 1" SERVICE CONNECTION AND METER** NOT TO SCALE



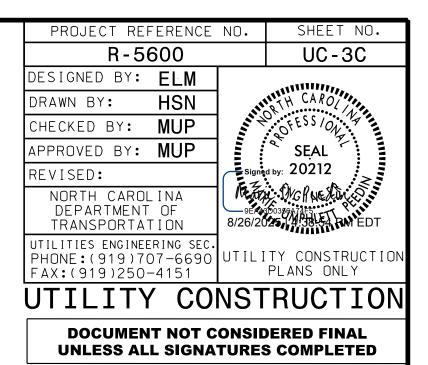
PIPE RESTRAINT CHARTS NOT TO SCALE



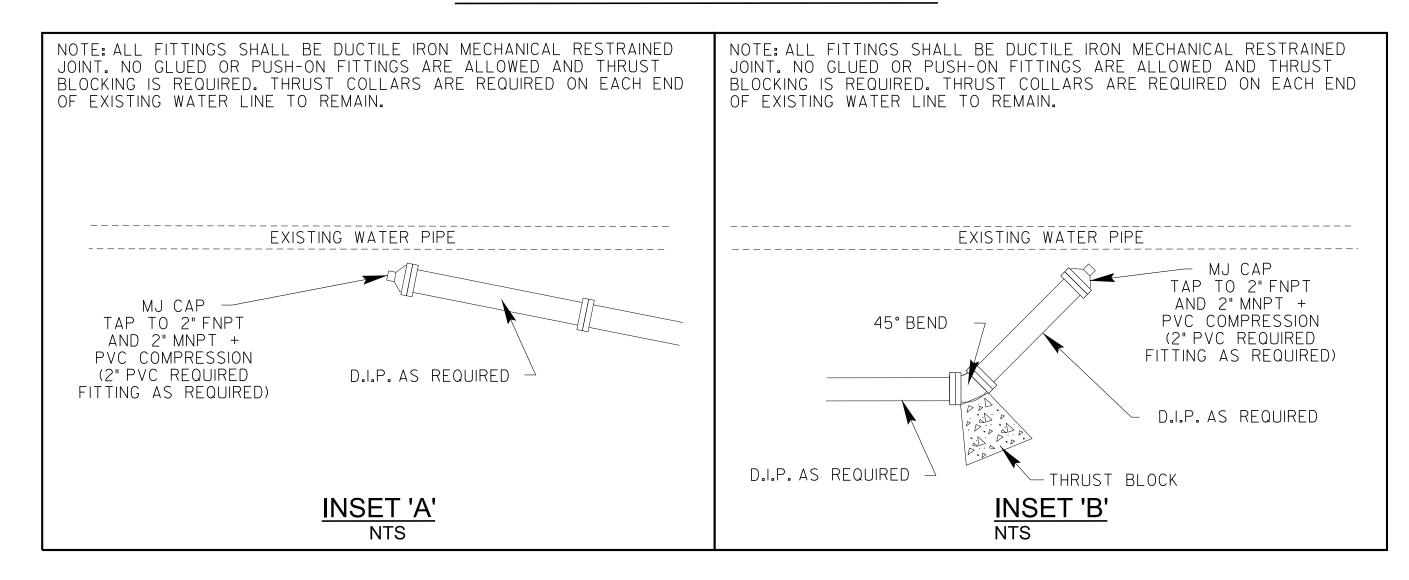
TYPICAL FIRE HYDRANT INSTALLATION DETAIL



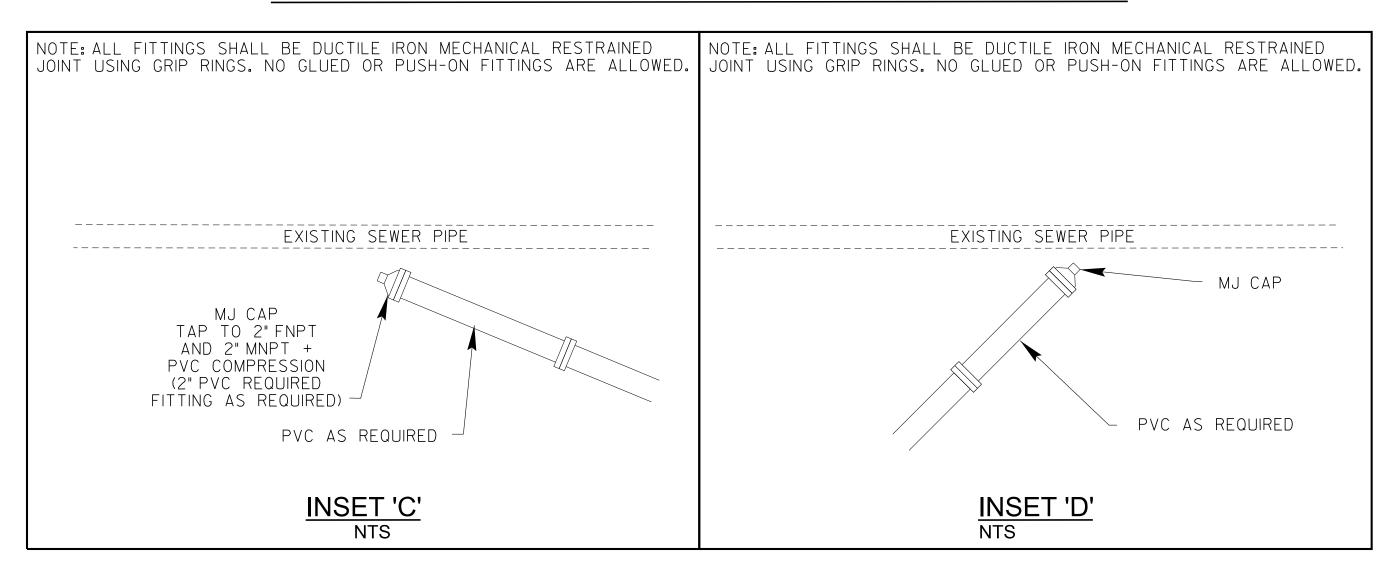
GRAVITY SEWER EMBEDMENT DETAIL NOT TO SCALE



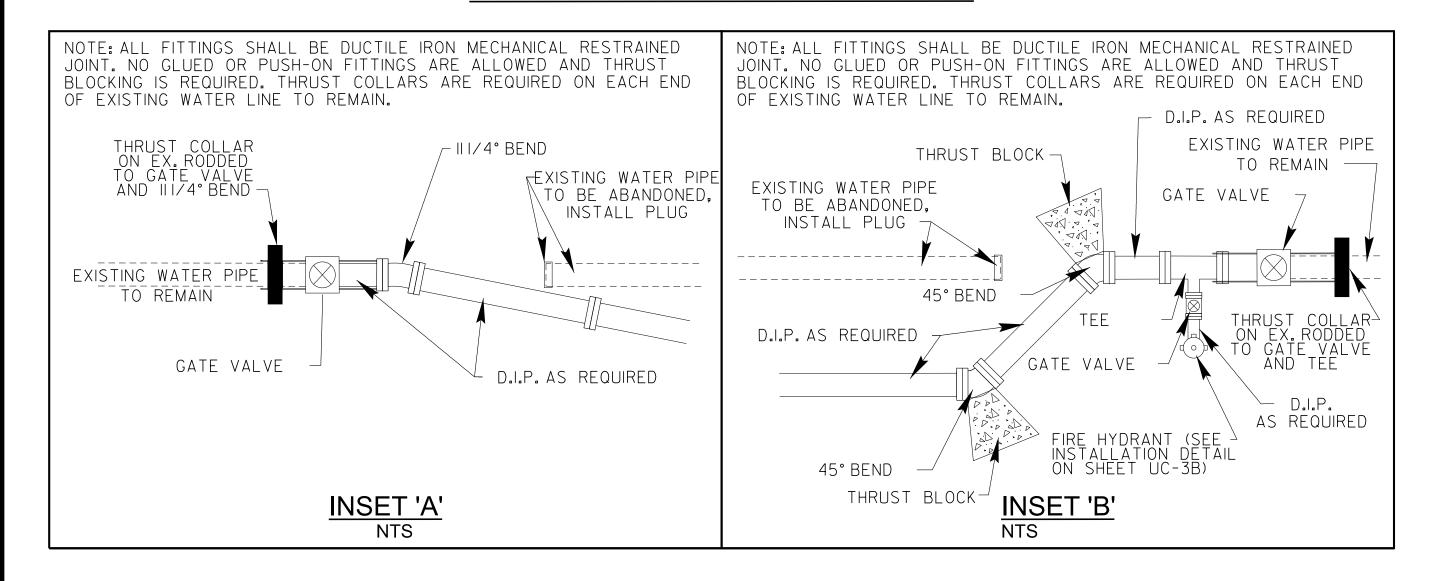
WATER PRE-TESTING DETAILS



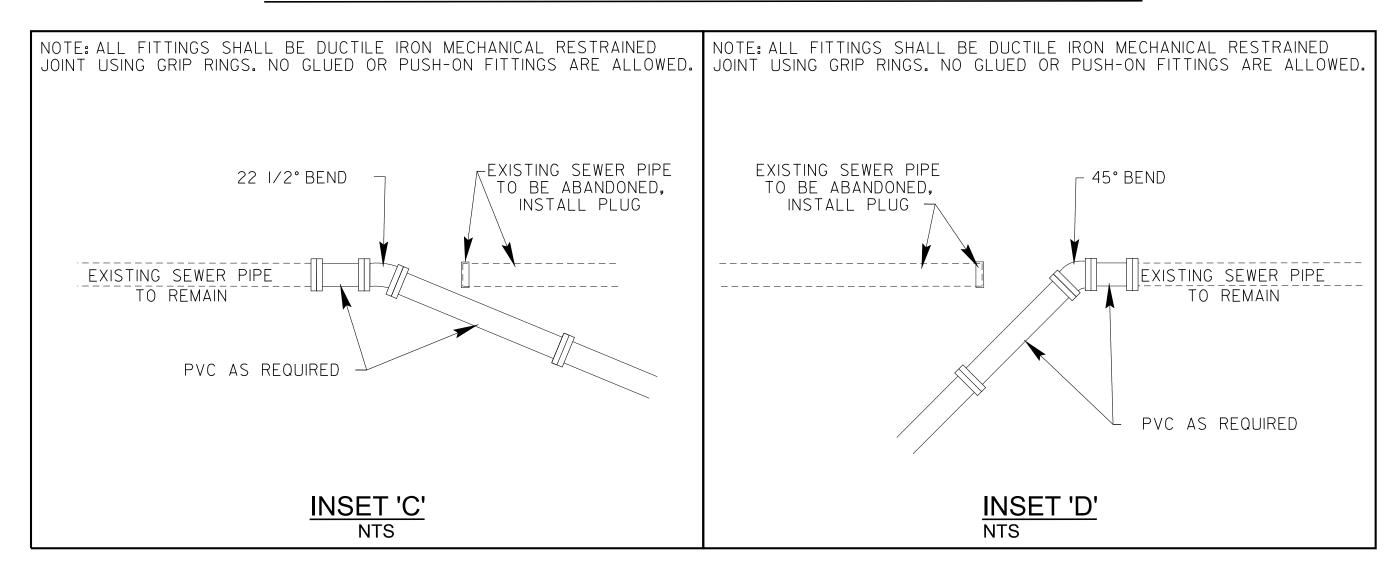
SANITARY SEWER FORCEMAIN PRE-TESTING DETAILS



WATER POST-TESTING DETAILS



SANITARY SEWER FORCEMAIN POST-TESTING DETAILS

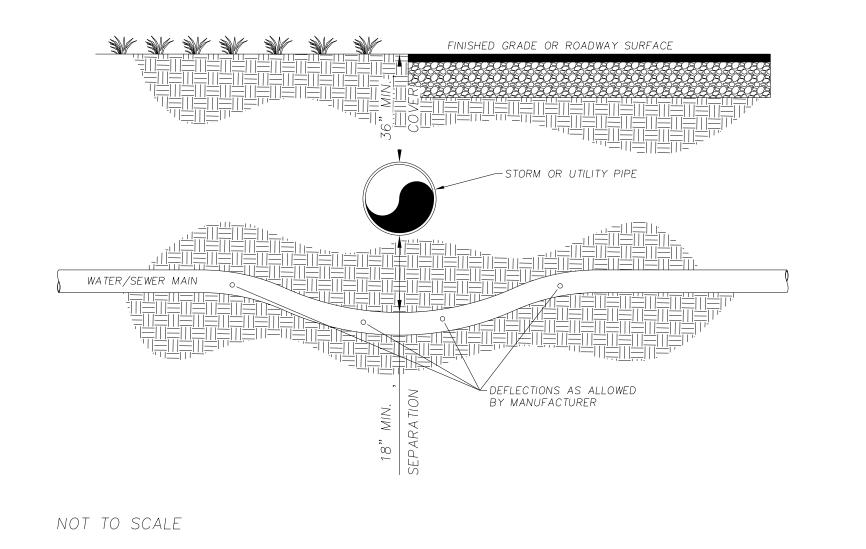


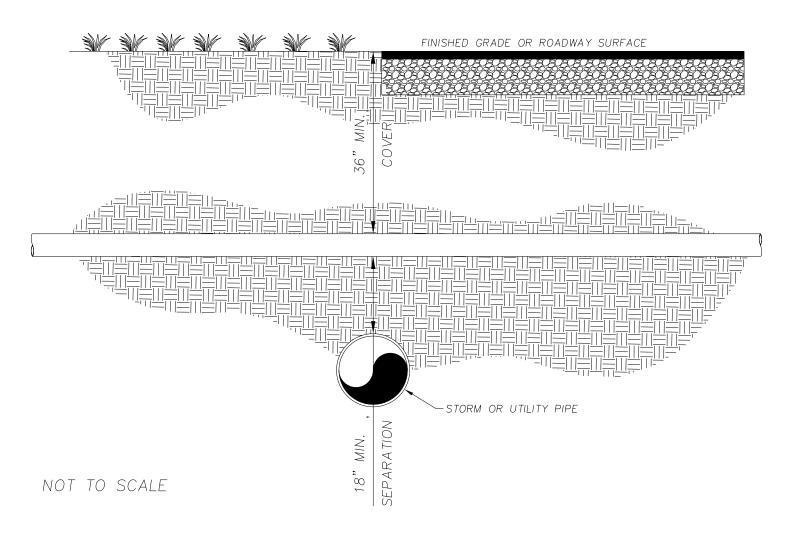


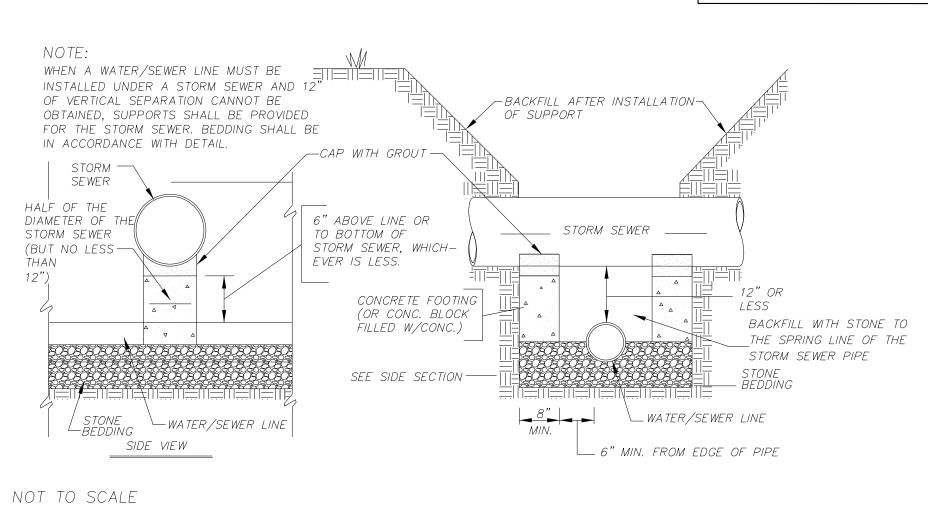
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DRAWN BY: HSN	1	RTH CAROL	
CHECKED BY: MUP	11.4	OFESSION AND	
APPROVED BY: MUP	📑 🚦	2EAL	1111
REVISED:	Signe	d by: 20212	"""
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	9É/0 8/26/20	i Wohne Livie	Г
UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151	UTILI	TY CONSTRUCT PLANS ONLY	ION

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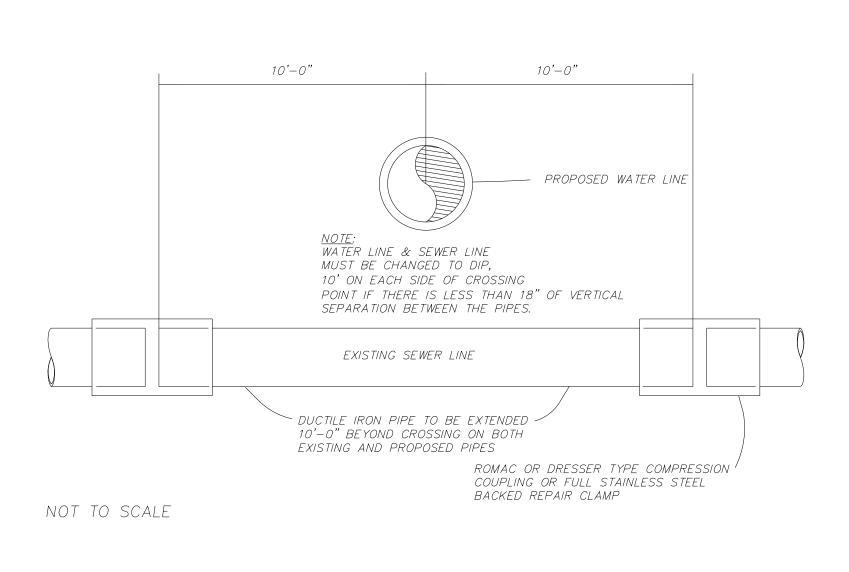


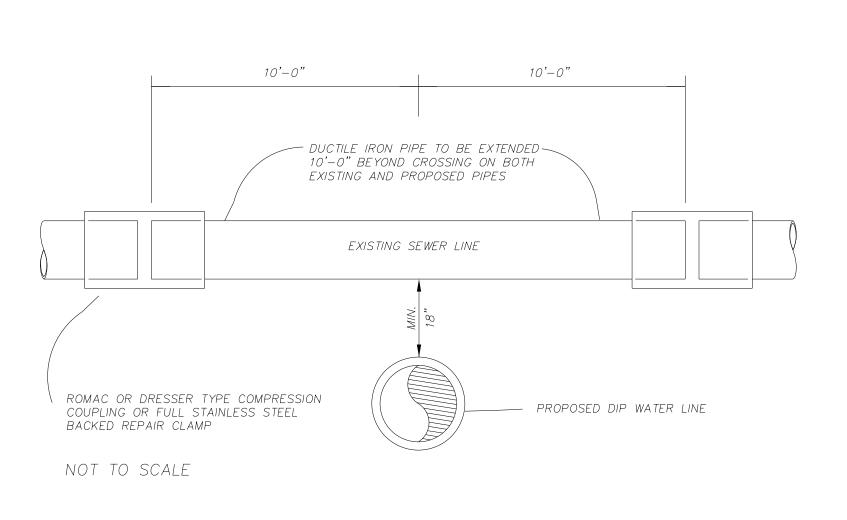


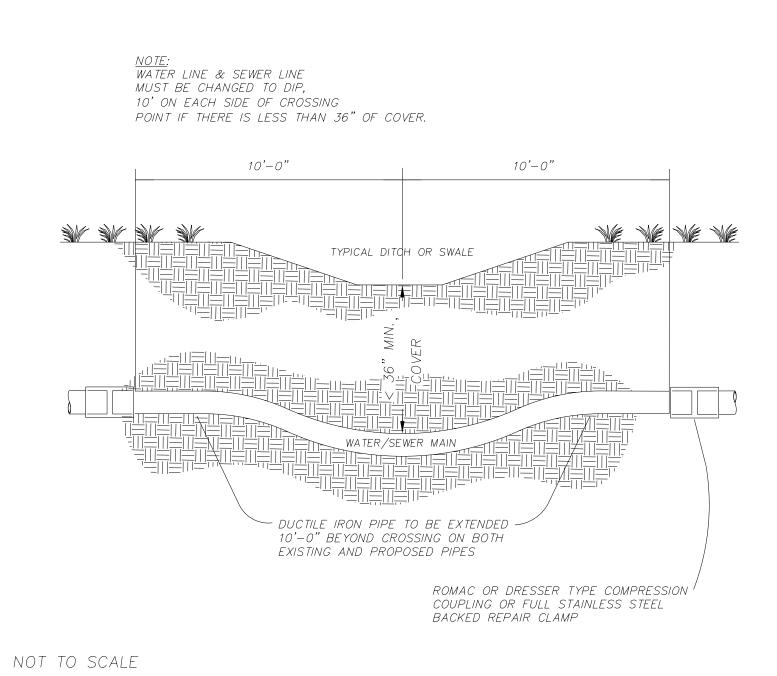
WATER/SEWER MAIN CROSSING UNDER STORM/UTILITY PIPE

WATER/SEWER MAIN OVER STORM/UTILITY PIPE

SHALLOW WATER/ SEWER CROSSING BELOW STORM SEWER (WITHIN 12")





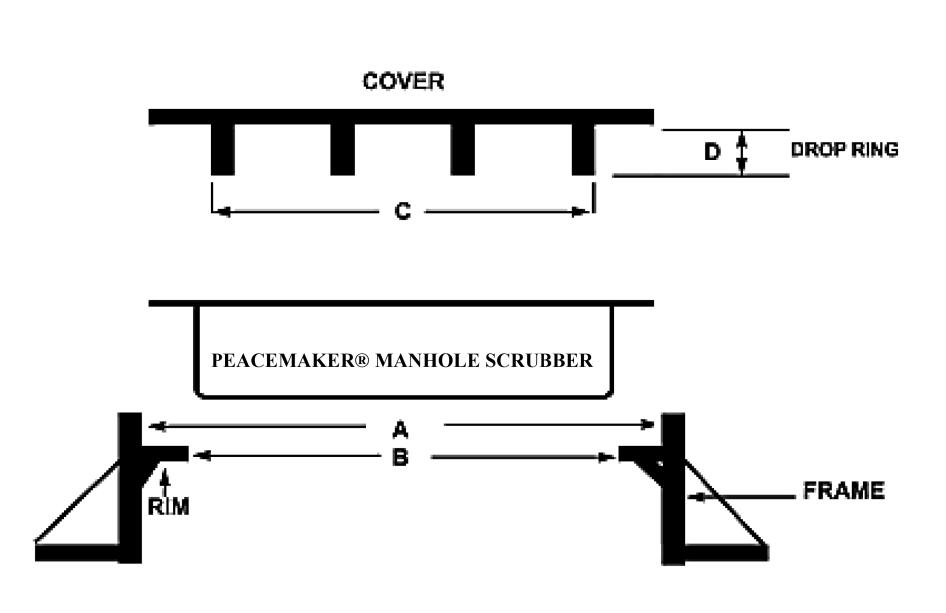


WATER CROSSING OVER SEWER LINE (WITHIN 18")

WATER CROSSING UNDER SEWER LINE

SHALLOW WATER/SEWER MAIN CROSSING UNDER DITCH (WITHIN 36")

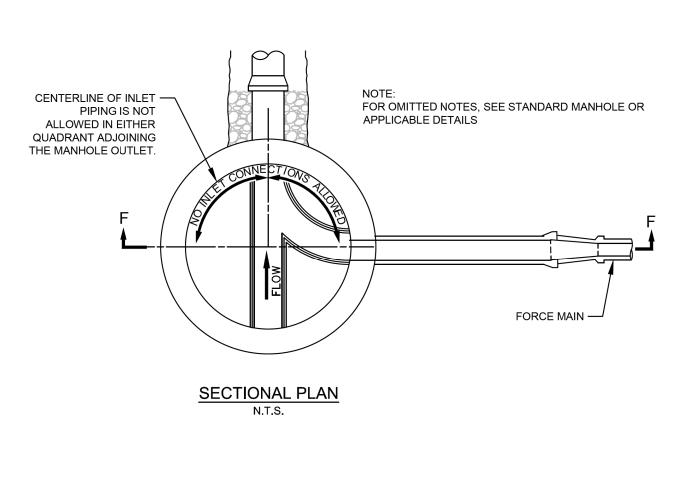


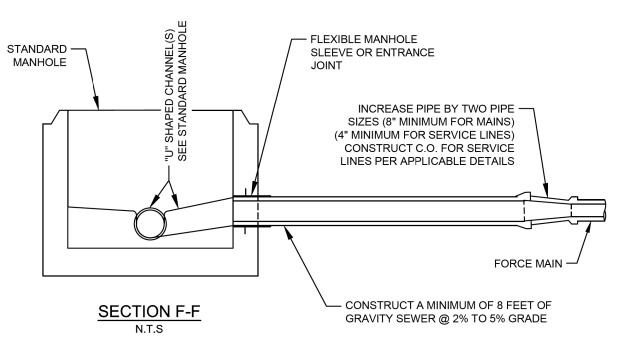


MINIMULAS (SECTION A TYPICAL LIFTING DEVICE MINIMULAS (SECTION A TYPICAL LIFTING DEVICE MINIMULAS (SECTION A THE PRAME 182 LBS COVER 160 LBS TOTAL 342 LBS TOTAL 34

ODOR CONTROL MEASURES- MANHOLE SCRUBBER

MANHOLE FRAME & WATERTIGHT COVER



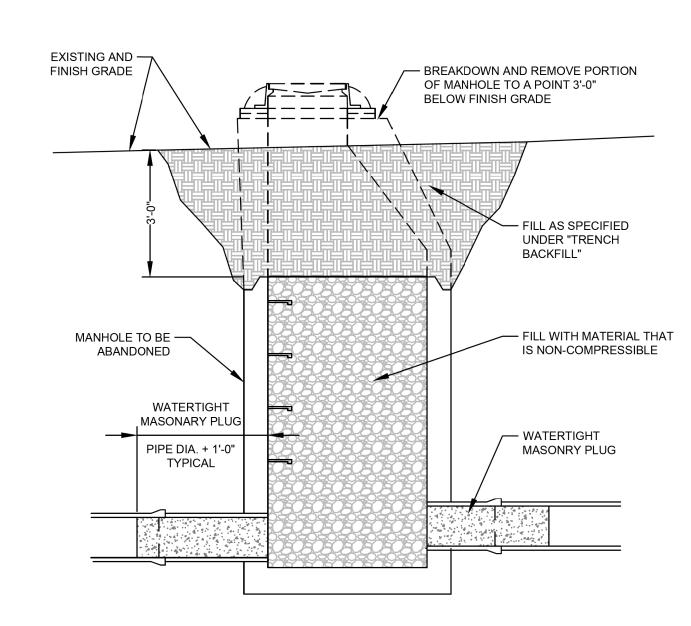


TYPE 1 FORCE MAIN CONNECTION

ALSO SEE SANITARY SEWER SERVICE DETAIL

— UTILITY MARKING TAPE (SEE SPEC.) UNDISTURBED EARTH — EXISTING OR PROPOSED GRADE TRENCH BACKFILL SHALL — - TRACER WIRE (GREEN COATED BE IN ACCORDANCE WITH NO. 12 COPPER WIRE) INSTALL THE TRENCH DETAIL WIRE, STRAIGHTENED OUT, DIRECTLY OVER TOP & OF PIPE, WITHIN 12" TO 18" OF TOP OF PIPE. FORCE MAIN - SELECT BACKFILL 4"MIN. IN SOIL 6"MIN. IN ROCK — UNDISTURBED EARTH TEST STATION (TRACER WIRE — - TEST STATION ACCESS BOX) ADJACENT TO ADJACENT TO MANHOLE AT EACH END OF VALVE VAULT AT F.M. BY VALVCO, INC. (OR PUMP STATION APP'D EQUAL (SEE SPEC.) — UTILITY MARKING NO. 12 COPPER TRACER WIRE ADD 1 ANODE FOR EVERY 1000 FEET FLOW —— — FORCE MAIN AT PUMP STATION

FORCEMAIN TRACER TAPE & WIRE INSTALLATION



MANHOLE ABANDONMENT PROCEDURE (SEE SECTION 2.21 OF SPECIFICATIONS FOR ADD'L INFORMATION)

MANHOLES WHICH ARE TO BE ABANDONED WILL FIRST HAVE BOTH INFLUENT AND EFFLUENT LINES PLUGGED INSIDE THE MANHOLE WITH WATERTIGHT MASONRY. THE MINIMUM LENGTH OF WATERTIGHT MASONRY PLUGS WILL BE THE DIAMETER OF THE ABANDONED PIPE PLUS ONE FOOT. THE MANHOLE WILL THEN BE FILLED WITH INCOMPRESSIBLE MATERIAL (CRUSHED STONE OR AS APPROVED), TO A POINT THREE FEET (3'-0") BELOW THE FINISH GRADE. THE REMAINDER OF THE MANHOLE SHALL BE BROKEN DOWN AND REMOVED. THEN THE EXCAVATION SHALL BE BACKFILLED TO FINISH GRADE AS SPECIFIED UNDER TRENCH BACKFILL.

MANHOLE ABANDONMENT



PROJECT REFERENCE NO.

HSN

PHONE: (919)707-6690 UTILITY CONSTRUCTION FAX: (919)250-4151 PLANS ONLY

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R-5600

DESIGNED BY: **ELM**

CHECKED BY: MUP

APPROVED BY: MUP

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC

DRAWN BY:

REVISED:

SHEET NO.

UC-3E

PARCEL TABLE FOR WATER & SEWER INFORMATION

JACKSON COUNTY

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UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151	UTILITY CONSTRUCTION PLANS ONLY
UTILITY CO	NSTRUCTION

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T Parcel or			· ·		Survey Shows Existing				Survey Shows Existing		
et Number	Parcel NO.	Property Owner Control of the Contro	Site Address	Total Take?	Water Meter?	3/4" 1"	2' >2''	Requirement	Sewer Service?	Requirement	Notes
1A	7641-37-0712	JEAN MONTE THENSLEY REVOCABLE TRUST	249 WMAN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
2	7641-27-2517	SAMUEL CLEVIMONS	413 WMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
2A	7641-27-3682	SAMUELCLEVIMONS	WMAINST	NO	NO				NO	NO	No, parking lot
3	7641-27-4653	GARYW. GIBSON	399 WMAIN ST	NO	NO				NO	NO	No, existing sewer
4	7641-27-4651	CENTRAL SYLVA MAIN, LLC	385 WMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
5	7641-27-7534	DAMID J. HART, ETAL	365 WMAIN ST	NO	YES	X			YES	YES	Yes, sewer impacted
6	7641-27-6761	WHOLESALE INVESTIMENTS, LLC	345 WMAIN ST	YES	YES	Х		YES	YES	NO	No, total take
7	7641-27-7767	JOSEPH SHELLEY, ET AL	323 WMAIN ST	NO	YES	Х		YES	YES	NO	No, sewer not impacted
8	7641-27-8752	CHRISWHITMIRE	317 WMAIN ST	YES	YES	Х		YES	YES	NO	No, total take
9	7641-27-3766	FARM DOGS, LLC	414 WMAIN ST	NO	YES	X		NO	YES	NO	No, sewer not impacted
10	7641-27-4767	SHIRLEY C. DEAN SUTTON	360 WMAIN ST	NO	NO				NO NO	NO	No, sewer not impacted
11	7641-39-4283	JACKSON PAPERMANUFACTURING COMPANY	152 WMAIN ST	NO	YES	X		YES	YES	NO NO	No, sewer not impacted
- 11	7041-35-4263	SACCON FAFEINIVANO ACIONNOCCIVIFANT	132 VVIVIAIN SI	110	YES	^	X(4"		165	NO NO	190, sever not impacted
40	7044 07 0044) A (A AAIA I CT				A(4		1	NO	
12	7641-37-6914	TUCKASEGE: WATER & SEMERAUTHORITY	WMAN ST	NO	YES			YES	NO NO	NO	No, sewer not impacted
12	7641-37-6912	TUCKASEI GEE WATER & SEWER AUTHORITY	141 WMAIN ST	NO	NO				NO	NO	No, sewer not impacted
14	7641-37-8903	KENNETH LOWEN (now NODOT)	91 WMAIN ST	YES	NO			NO	NO	NO	No, total take
15	7641-37-9818	BKEK, LLC	73 WMAIN ST	NO	YES	X		NO	YES	NO	No, sewer not impacted
15A	7641-37-8764	ВКВК, ЦС	44 RACELN	NO	YES	Х			YES	NO	No, sewer not impacted
16	7641-47-1856	ECKERD CORPORATION	36 SUNRISE PARK	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
17	7641-47-2755	GENEVA G. LINEBERRY	EMANST	NO	NO				NO	NO	No, sewer not impacted (parking
18	7641-47-1601	OWEN & GATES, LLC	58 SUNRISE PARK	NO	YES	X		NO	YES	NO	No, sewer impacted
		,									' '
19	7641-47-4476	C. T. AUTO SERVICE, INC. (THROGMORTON, LINDAL)	12 CALDWELL ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
20	7641-47-4656	KEL-SAVE, INC., ROBERTD. KELLEY	38 EMAIN ST	NO	YES	X		NO	YES	NO	No, sewer not impacted
20A	7641-47-6652	38 EASTMAIN ILC	76 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted.
21	7641-38-8177	NCRENTALS, LLC	104 WMAIN ST	NO	YES	Х		NO	NO	NO	No, sewer not impacted
22	7641-48-0256	EL PATRON MEXICAN RESTAURANTINC	86 WMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
23	7641-48-1271	FF SYLVALLC	60 WMAN ST	NO	YES	X	+	NO	YES	YES	Yes, sewer impacted
24	7641-48-3110	ALPINESYLVA, LLC	28WMANST	NO	NO NO		 	NO	NO	NO NO	No, sewer impacted (vacant lo
25	7641-48-3202	SAINTS EUROPEAN HOLDINGS, INC.	55 ASHEVILLEHWY	NO	YES	X		NO	YES	YES	Yes, sewer impacted
28	7641-48-5238	THE FISH CAMPA, LLC (now NODOT)	88 ASHEVILLEHWY	YES	NO			NO	NO	NO	No, total take
29	7641-48-5118	NHN HOLDINGS, LLC	68 ASHEVILLEHWY	NO	NO			YES	NO	YES	Yes, sewer impacted
29	7641-48-4086	NHN HOLDINGS, LLC	42 ASHEVILLEHWY	NO	NO			YES	NO	YES	Yes, sewer impacted
30	7641-47-4966	K&HBENTERPRISES, LLC	32 ASHEVILLEHWY	NO	NO			YES	NO	NO	No, sewer not impacted (vacant
31	7641-47-5889	TIMOTHYL HALL (now NHN HOLDINGS LLC)	35 EMAIN ST	YES	NO			YES	NO	NO	No, total take
31	7641-47-6855	TIMOTHYL HALL (now NHN HOLDINGS LLC)	35 EMAIN ST	YES	NO				NO	NO	No, total take
		,				V					
32	7641-47-8744	WESTSYLVAMAIN, LLC	89 EMAIN ST	YES	YES	X		YES	YES	NO	No, total take
35	7641-47-6563	PT PROPERTIES OF WNC, LLC	90 EMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
36	7641-47-7476	T & D'S ENTERPRISES, LLC	106 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted
37	7641-47-8441	SKYLAND PROPERTIES OF WINCINC	124 EMAIN ST	NO	YES	X		YES	NO	NO	No, sewer not impacted
38	7641-47-6175	RODNEYA RIDDLE	94 CALDWELL ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
38A	7641-47-5381	R LARRY CRAWFORD	80 CALDWELL ST	NO	YES	Х		YES	YES	NO	No, sewer not impacted
	7641-47-9137	HENSLEY, B DONALD TRUSTEE	CHERRYST	NO	NO				NO	NO	No, sewer not impacted (vacant
39	7641-46-9908	PEGGYREVIS	940 1ERR YST	NO	YES	X		NO	YES	NO NO	No, sewer not impacted
											<u> </u>
40	7641-47-9344	TINYPROPERTIES, LLC	32 CHERYST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
41	7641-57-2025	CHURCH OF GOD OF SYLVA, NCTTES	59 CHERRYST	NO	YES	X		NO	YES	YES	Yes, sewer impacted
41A	7641-57-4173	PAINTER, BETTY J TRUSTEE (WOODS, DEBRA P. ET AL)	TRAEMANST	NO	NO				NO	NO	No, sewer not impacted (vacant
41B	7641-56-4919	PAINTER, BETTY JTRUSTEE (WOODS, DEBRA P. ET AL)	TRBCHERRYST	NO	NO				NO	NO	No, sewer not impacted
42	7641-57-2240	PEGGYREVIS PEGGYREVIS	200 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
43	7641-57-5003	BILLYC: AIKENS (now NCDOT)	276 EMAIN ST	YES	NO			YES	NO	NO	No, total take
44	7641-56-6948	OPM HOLDINGS, LLC	284 EMAIN ST	NO	YES	Y		YES	YES	YES	Yes, sewer impacted
		,			YES	_ ^		YES			•
45	7641-57-0747	THREE LEES, LLC	21 EHALL HTS	NO		X			YES	YES	Yes, sewer impacted
46	7641-57-1548	THREE LEES, LLC (now NCDOT)	36EHALLHTS	YES	NO			YES	NO	NO	No, total take
47	7641-57-3638	DEBRAP. WOODS, TRUSTEE OF THE BETTY J. PAINTER 2020 I RREVOCABLE TRUST (now VAZQUEZ, JORGEL ROSARIO)	94 EHALL HTS	NO	YES	X		YES	YES	NO	No, sewer not impacted
48	7641-57-3517	ROBERT L MIDDLETON	209 EMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
49	7641-57-4406	CLEARENCE G. MIDDLETON	209 EMAIN ST	NO	NO				NO	YES	Yes, sewer impacted
50	7641-57-4441	HAROLD E MIDDLETON	219 EMAIN ST	NO	YES	X			YES	YES	Yes, sewer impacted
50 51	7641-57-5309	DOROTHY FRANKLIN, ET AL	221 EMAN ST	NO	YES	X	 		NO	YES	Yes, sewer impacted
52	7641-57-5333	BRENDAJ, PATTERSON, TRUSTEE	235 EMAIN ST	NO	YES	X	+	YES	YES	YES	Yes, sewer impacted
		, , , , , , , , , , , , , , , , , , ,					 				<u> </u>
3	7641-57-6207	SARA B. ALLISON, ET AL	35 OUTDOORDR	NO	YES	X		NO NO	YES	YES	Yes, sewer impacted
53	7641-57-6270	SARA B.ALLISON, ET AL	LT49 OUTDOOR DR	NO	NO			YES	NO	NO	No, sewer not impacted
53	7641-57-8311	SARA B.ALLISON, ET AL	LOTOUTDOORDR	NO	NO				NO	NO	No, sewer not impacted
54	7641-57-8107	AUTOSTAR PROPERTY GROUP, LLC	307 EMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
55	7641-66-0851	MBLIELEE ALLEN, ET AL	382 EMAIN ST	NO	YES	Х		YES	YES	NO	No, sewer not impacted
55	7641-56-9557	MBLIELEE ALLEN, ET AL	EMANST		NO						•
56 56	7641-66-1737	HZEYZ LLC	400 EMAIN ST	NO	YES	X	 	YES	YES	YES	Yes, sewer impacted
20 57	7641-66-3698	BD WOODS PROPERTIES LLC	454 EMAN ST	NO	YES	X	+	YES	YES	YES	Yes, sewer impacted
						_ ^					-
Q	7641-66-2753	PACIFICO OF SYLVA, INC.	410 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
	7641-66-4567	STILL BROOK PROPERTIES, LLC	472 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
9			·	NO	YES	X		NO	YES	YES	Yes, sewer impacted
9 0	7641-66-5478	SELECTBANK & TRUST CO (FIRSTBANK)	498 EMAIN ST						NO	NO	No, sewer not impacted
9		SELECTBANK & TRUST CO (FIRSTBANK) FFCLIMITED PARTNERSHIP	498 EMAIN ST NC 107	NO	NO						Yes, sewer impacted
59 50 51	7641-66-5478	,		NO NO	NO YES	X			YES	YES	100,0000011111000000
59 50 51 51	7641-66-5478 7641-57-8183 7641-67-0514	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP	NC 107 353 EMAIN ST	NO	YES	-					-
9 00 11 11 11 11 11 11 11 11 11 11 11 11	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP	NC 107 353 EMAIN ST 375 EMAIN ST	NO NO	AE2 AE2	X		YES	YES	YES	Yes, sewer impacted
9 0 1 1 1 2 2 3	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMOELLC	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST	NO NO NO	AE2 AE2 AE2	X		YES YES	YES YES	YES NO	Yes, sewer impacted No, sewer not impacted
9 0 1 1 2 3	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMICELLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC)	NC 107 353 EMAN ST 375 EMAN ST 415 EMAN ST 437 EMAN ST	NO NO NO NO	AE2 AE2 AE2	X X X		YES YES NO	YES YES YES	YES NO YES	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted
59 50 51 51 52 53 54	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMICE LLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARACOOD, P.C.	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST	NO NO NO	AE2 AE2 AE2 AE2 AE2	X		YES NO YES	YES YES YES	YES NO YES YES	Yes, sewer impacted No, sewer not impacted
9 50 51 51 52 53 54 55	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMICELLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC)	NC 107 353 EMAN ST 375 EMAN ST 415 EMAN ST 437 EMAN ST	NO NO NO NO	AE2 AE2 AE2	X X X		YES YES NO	YES YES YES	YES NO YES	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted
59 50 51 51 52 53 54 55	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMICE LLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARACOOD, P.C.	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST	NO NO NO NO	AE2 AE2 AE2 AE2 AE2	X X X		YES NO YES	YES YES YES	YES NO YES YES	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted Yes, sewer impacted Yes, sewer impacted
59 50 51 51 52 53 54 55 56 6A	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725 7641-66-7792 7641-77-5223	FFCLIMITED PARTNERSHIP FFCLIMITED PARTNERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMCELLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARWOOD, P.C. 475 EMAIN STREET LLC KRISTIN COFFEY, ET AL	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST 475 EMAIN ST COPECREEK RD	NO NO NO NO NO NO	NO AE2 AE2 AE2 AE2 AE3	X X X X		YES YES	YES YES YES YES YES NO	YES NO YES YES NO	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted Yes, sewer impacted Yes, sewer impacted No, sewer not impacted
59 50 51 51 52 53 54 55 56 6A	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725 7641-66-7792 7641-77-5223 7641-66-3397	FFCLIMITED PARTINERSHIP FFCLIMITED PARTINERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERM ŒLLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARWOOD, P.C. 475 EMAIN STREET LLC KRISTIN COFFEY, ET AL RODNEY A RIDDLE	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST 475 EMAIN ST COPECREEK RD 42 WALTER ASHERD	NO	AE2 AE2 AE2 AE2 AE2 AE2 AE2 AE2 AE3 AE3 AE3 AE3 AE3 AE3 AE3 AE3	X X X		YES YES NO YES YES NO NO	YES YES YES YES YES YES YES YES YES	YES NO YES YES YES NO NO	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted Yes, sewer impacted Yes, sewer impacted No, sewer not impacted No, sewer not impacted
59 50 51 51 52 53 54 55 56 6A 57	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725 7641-66-7792 7641-77-5223 7641-66-3397 7641-66-5478	FFCLIMITED PARTINERSHIP FFCLIMITED PARTINERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERMOELLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARWOOD, P.C. 475 EMAIN STREET LLC KRISTIN COFFEY, ET AL RODNEY A. RIDDLE SELECT BANK & TRUST CO (FIRST BANK)	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST 475 EMAIN ST COPECREEK RD 42 WALTER ASHE RD 498 EMAIN ST	NO N	NO AE2 AE2 AE3 AE3 AE3 AE3 AE3 AE3 AE3 AE3	X X X X		YES	YES YES YES YES YES NO YES	YES NO YES YES YES NO NO NO YES	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted Yes, sewer impacted Yes, sewer impacted No, sewer not impacted No, sewer not impacted Yes, sewer impacted
58 59 50 51 51 52 53 54 55 56 66 67 57Z 57Z	7641-66-5478 7641-57-8183 7641-67-0514 7641-67-1085 7641-66-3944 7641-66-5878 7641-66-6725 7641-66-7792 7641-77-5223 7641-66-3397	FFCLIMITED PARTINERSHIP FFCLIMITED PARTINERSHIP NATIONAL RETAIL PROPERTIES, LP GTY AUTO SERM ŒLLC M. HODGIN PROPERTIES. LLC (now NHN HOLDINGS LLC) NATHAN EARWOOD, P.C. 475 EMAIN STREET LLC KRISTIN COFFEY, ET AL RODNEY A RIDDLE	NC 107 353 EMAIN ST 375 EMAIN ST 415 EMAIN ST 437 EMAIN ST 461 EMAIN ST 475 EMAIN ST COPECREEK RD 42 WALTER ASHERD	NO	AE2 AE2 AE2 AE2 AE2 AE2 AE2 AE2 AE3 AE3 AE3 AE3 AE3 AE3 AE3 AE3	X X X X		YES YES NO YES YES NO NO	YES YES YES YES YES YES YES YES YES	YES NO YES YES YES NO NO	Yes, sewer impacted No, sewer not impacted Yes, sewer impacted Yes, sewer impacted Yes, sewer impacted No, sewer not impacted No, sewer not impacted



JACKSON COUNTY

PROJECT RE	FERENCE	NO.	SHEET NC
R-5	600		UC-3G
DESIGNED BY:	ELM		4411111111
DRAWN BY:	HSN] ,,,,,	ATH CARO
		T	

APPROVED BY: MUP NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

CHECKED BY: MUP UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690
FAX: (919)250-4151

PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PARCEL TABLE FOR WATER & SEWER INFORMATION

						Me	ter Size				
JVIT Parcel or Sheet Number	Parcel NO.	Property Owner	Site Address	Total Take?		3/4" 1"	2"	Water Service >2' Requirement	Survey Shows Existing Sewer Service?	Requirement	Notes
69	7641-65-6919	ERROL ENGLISH	WALTERASHERD	NO	NO				NO	NO	No, sewer not impacted
70	7641-66-6143	MISTYTAYLOR	28 PATH FINDER LN	NO	YES	X			YES	YES	Yes, sewer impacted
71	7641-66-7045	MISTYSHULERTAYLOR (TAYLOR, LARMAN M)	42 PATH FINDER LN	NO	NO			NO	NO	NO	No, sewer not impacted
72	7641-76-0117	RLICCHOLDINGS COLLC	582 EMAIN ST	NO	NO			NO	NO	NO	No, sewer not impacted
73	7641-76-0117	RLICCHOLDINGS COLLC	608 EMAIN ST	NO	NO			NO	NO	NO	No, sewer not impacted (vacant lot)
74	7641-75-0979	VIRGINIA KINKAID, TRUSTEE (ALVIN N KINKAID TRUST)	LT 13 EMAIN ST	NO	NO			NO	NO	NO	No, sewer not impacted (vacant lot)
74	7641-76-0043	VIRGINIA KINKAID, TRUSTEE (ALVIN N KINKAID TRUST)	LT14 EMAIN ST	NO	NO			NO	NO	NO	No, sewer not impacted
75	7641-75-1740	SOCOL COMPANY, INC.	688 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
77	7641-75-2661	ENMARK STATIONS, INC.	716 EMAIN ST	NO	YES		X	NO	YES	YES	Yes, sewer impacted
**	7011 70 2001	ENMARK STATIONS, INC.	7.102.148.114.01	110	YES	X	 		YES	185	Too, sovia impasted
77A	7641-66-9547	TINY PROPERTIES, LLC	35 COPE CREEK RD	NO	YES	X		YES	YES	YES	Yes, sewer impacted
78	7641-66-9433	POLE YARD PROPERTIES, LLC	551 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
		,									•
79	7641-76-2487	DAMID GATES	23 HENSLEY GR	NO	YES	X			YES	NO	No, sewer not impacted
80	7641-76-1236	COODWILLINDUSTRIES OF NORTHWEST NORTH CAROLINA, INC. (now OPM HOLDINGS LLC)	601 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
81	7641-76-2124	STONEHOUSE ASSOCIATES (now GOODSON, THART)	619 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
82	7641-76-4085	DT RETAIL PROPERTIES, LLC	675 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
83	7641-75-5962	AGREE STORES, LLC	705 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
84	7641-75-5702	KEVIN E STANBERRY, ET AL	200 HENSLEY CIR	NO	YES	X			NO	NO	No, sewer not impacted
85	7641-75-5631	VISION QUEST PROPERTIES, LLC	741 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
86	7641-75-4411	PORTOFCALL, INC.	744 EMAIN ST	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
86A	7641-75-1448	TINSEL TOWN, INC.	EMANST	NO	NO				NO	NO	No, sewer not impacted
87	7641-75-2271	TRIPLE"C" INVESTMENT, INC.	760 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted (vacant lot)
97	7641-74-5901	TRIPLE "C" INVESTMENT, INC.	862 EMAIN ST	NO	NO NO			+	NO	NO NO	No, sewer not impacted (vacant lot)
88	7641-74-5901	SGI OFWACLLC		YES	NO NO			YES	NO NO	NO NO	• ` ` `
88			876 EMAIN ST								No, total take
89	7641-74-7832	MARKSTEN, ET AL	894 EMAIN ST	YES	NO NO			YES	NO	NO	No, total take
90	7641-74-7780	ROBERTM. PRICE (now NCDOT)	924 EMAIN ST	YES	NO				NO	NO	No, total take
91	7641-74-6446	RALEIGH DOUBLE COUSINS PROPERTIES, LLC	972 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
92	7641-75-7527	THE NORTH CAROLINA DISTRICT COUNCILOF THE ASSEMBLIES OF GOD, INC. (GENERATION CHURCH SYLVAING)	255 HBNSLEYOR	NO	NO			YES	NO	NO	No, sewer not impacted
93	7641-75-8311	GLEN H. HENSLEY, TRUSTEE	11 a TRUS DR	NO	YES	Х		YES	NO	NO	No, sewer not impacted
94	7641-75-9157	LARRY BARNES	54 LIBERTY DR	NO	NO NO				NO	NO	No, sewer not impacted
,											
95	7641-74-9977	PATRICIA COMEN	15 STORWY CV	NO	NO NO			YES	YES	NO	No, sewer not impacted
96	7641-74-9791	NORUNAZ, LLC	921 EMAIN ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
97	7641-74-9498	DALLAS A. STEPHENS	945 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted
98	7641-74-9405	MATTHEW JAMES HUNTER (now NCDOT)	947 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted
99	7641-84-0216	THOMAS J. CALDWELL	1009 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
99	7641-84-1071	THOMAS J. CALDWELL	1025 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
100	7641-74-5241	MARKA QUEEN, ETAL	EMAN ST	NO	NO				NO	NO	No, sewer not impacted (vacant lot)
101	7641-74-4093	MARCIA P. QUEEN & DENISEP. WHITE (now NCDOT)	EMANST	NO	NO				NO	NO	No, sewer not impacted (vacant lot)
102	7641-73-4878	BMILYPRYORLAND HOLDING, LLC	8 CONNOR RD	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
103	7641-73-4556	BARBARA C. DAVIS	72 CONNORRD	NO	NO				YES	NO	No, sewer not impacted
104	7641-73-5412	SARA B.ALLISON, ETAL	SIGN LOTEMAN ST	NO	NO				NO	NO	No, sewer not impacted (sign lot)
		·				V			YES		
105	7641-73-4354	SYLVA SHOPS LIMITED PARTINERSHIP	86 WALMARTPLZ	NO	YES	X		YES		NO	No, sewer not impacted
106	7641-73-4146	COLDWATER INVESTORS, LLC	64 WALMARTPLZ	NO	YES	X		YES	YES	NO	No, sewer not impacted
107	7641-73-7652	CLEATUS C. BARRON (now NCDOT)	1093 EMAIN ST	NO	NO			YES	NO	NO	No, sewer not impacted
108	7641-73-7464	DAVID L KELLEY (now NODOT)	1095 EMAIN ST	NO	NO				NO	NO	No, sewer not impacted
109	7641-73-8397	HINTON-SHAWPROPERTIES, LLC	1231 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
110	7641-72-0930	AGREE LP	210 WALMARTPLZ	NO	YES	Х		NO	YES	NO	No, sewer not impacted
		ACREELP			YES			X(4")			
111	7641-72-4840	SYLVA COMMONS ILLP (GANDHI ATSYLVA COMMONS NC LLC)	366 WALMARTPLZ	NO	YES	Х		YES	YES	YES	Yes, sewer impacted
112	7641-72-5522	OXINVESTMENTS.L.C	1336 EMAIN ST	NO	YES	Х		YES	YES	NO	No, sewer not impacted
113	7641-72-0461	JAMES C. & SHERRY R. BURRELL	87 BARNES RD	NO	NO				NO	NO	No, sewer not impacted
											•
114	7641-72-4392	D&HPROPERTIES OF SYLVA, LLC (now NODOT)	1362 EMAIN ST	NO	YES	X		NO NO	YES	NO	No, sewer not impacted
115	7641-72-5136	KENNETH D. BUCHANAN, ET AL	1414 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
116	7641-72-3251	SAMUELH. COGDILL	251 CHAPARRAL DR	NO	NO				NO	NO	No, sewer not impacted
117	7641-71-5963	ARG PHI7SLBOOI LLC (AFN ABSPROP002 LLC)	1454 EMAIN ST	YES	YES	X		YES	YES	NO	No, total take
118	7641-72-8949	GTLS%A COLLC	1233 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
119	7641-72-9704	SYLVA HOTEL GROUP, LLC	1235 EMAIN ST	NO	YES		Х	YES	YES	NO	No, sewer not impacted
					YES	Х					
120	7641-72-7433	GLORIATHIEN KIM BUI, ETAL (now NODOT)	20 PLUM ST	YES	NO			YES	NO	NO	No, total take
121	7641-72-7309	KELLYA SMITH (now NODOT)	1363 EMAIN ST	YES	NO			YES	NO	NO	No, total take
122	7641-72-8352	COOK OUT-SYLVA, INC.	1391 EMAIN ST	NO	YES	X		YES	YES	YES	Yes, sewer impacted
123	7641-72-8136	BLPROPERTIESOFNC, LLC	1407 EMAIN ST	NO	NO			YES	YES	YES	Yes, sewer impacted
124	7641-72-8010	DEMEY BUCHANAN, ET AL	110 PLUM ST	NO	YES	X		YES	YES	NO	No, sewer not impacted
125	7641-71-5784	ANGELA F. GEORGE	32 CHAPARRAL DR	NO	NO				NO	NO	No, sewer not impacted
126	7641-71-6506	ANGELA F. GEORGE	9 CHAPARRAL DR	YES	NO				NO	NO	No, total take
127	7641-71-6404	DEBIEHOOPER	1526 EMAIN ST	NO	YES	Y		YES	YES	NO	No, sewer not impacted
128	7641-71-6315			YES	NO NO	^			YES	NO NO	· '
		NELLER BRYSON	1552 EMAIN ST								No, total take
129	7641-71-6214	DEBIEHOOPER	EMAN ST	NO	NO				NO	NO	No, sewer not impacted
130	7641-71-6009	GREEN INVESTIMENT, LLC	1594 EMAIN ST	YES	NO				YES	NO	No, total take



PARCEL TABLE FOR WATER & SEWER INFORMATION

JACKSON COUNTY

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	DESIGNED BY:	ELM		411111111111111111111111111111111111111			
	DRAWN BY:	HSN	311	TH CAROL	14.		
	CHECKED BY:	MUP	11.5	OFESS 101 1			
	APPROVED BY:	MUP	1111	SEAL			
ĺ	REVISED:		Signe	d by: 20212	2		
	NORTH CAROL DEPARTMENT TRANSPORTAI	OF	8/26/20	U WGHUEKU BOSBOATATSLEARM	EDT		
	UTILITIES ENGINEE PHONE: (919)70		UTILI	TY CONSTRU	JC T I		

UNLESS ALL SIGNATURES COMPLETED
DOCUMENT NOT CONSIDERED FINAL
UTILITY CONSTRUCTION
PHONE: (919)707-6690 FAX: (919)250-4151 PLANS ONLY

							Mete	r Size				
JVIT Parcel or Sheet Number	Parcel NO.	Property Owner	Site Address	Total Take?	Survey Shows Existing Water Meter?	3/4"	1"	2'	Water Service >2" Requirement	Survey Shows Existing Sewer Service?	Sewer Service Requirement	Notes
131	7641-70-5889	UNITED COMMUMITY BANK	1640 EMAIN ST	NO	YES	X			YES	YES	NO	No, sewer not impacted
132	7641-70-5711	KATHYWATKINS, ET AL	1668 EMAIN ST	YES	NO	1				NO	NO	No, total take
133	7641-70-3303	LOWESHOME CENTERS INC.	1716 EMAIN ST	NO NO	YES			X	NO	YES	NO	No, sewer not impacted
100	1011100000	20 VEOLIONE CE VIE CI IVA	11 10 2 11 11 11 11	110	YES	X			110	120	1,0	Tro, constructinpucted
134	7641-71-7881	ALMASINVESTORSILC	1461 EMAIN ST	NO	YES	X			YES	YES	YES	Yes, sewer impacted
135	7641-71-7782	DONALDW: HOLLAND	15 CRESTMEWHTS	NO	YES	X			NO	YES	NO	No, sewer not impacted
100	7041-71-7702	ECHAEL W. FICEL WE	10 4 451 11 12 11 11 10	110	YES			X	110	120	110	140, Sewel Hot Impacted
136	7641-71-8612	ROBERT J. HUMES MARTHA W. HUMES (now NCDOT)	16 CRESTMEWHTS	NO	NO	1				NO	NO	No, sewer not impacted (vacant lo
137	7641-71-9522	EARLK MORGAN, TRUSTEE (now QUALITY OIL COMPANY ILC)	1535 EAST MAIN STREET	NO	YES	X			YES	YES	YES	Yes, sewer impacted
107	7011710022	ETER MORATI, ITEOLEC (NOW GOVERNOUS)	1000 15 01 107 41 4 011 411	1,0	YES	 		X		120	183	Tee, server impacted
138	7641-71-8186	1585 EAST MAIN ST, LLC	1585 EMAIN ST	NO	YES	X			YES	YES	YES	Yes, sewer impacted
139	7641-71-9113	1601 EAST MAIN STREET, LLC (1609 EAST MAIN STREET LLCESTATE)	1601 EMAIN ST	NO	NO	 				YES	NO	No reconnection required
140	7641-71-9048	1609 EAST MAIN STREET, LLCESTATE	1609 EMAIN ST	NO	NO					YES	NO	No reconnection required
141	7641-70-8960	JACKSON COUNTY FARM BUREAU, INC.	1627 EMAIN ST	NO	YES	X			YES	YES	YES	Yes, sewer impacted
142	7641-70-8860	SH. ONE LLC	1643 EMAIN ST	NO	NO					YES	YES	Yes, sewer impacted
143	7641-70-8751	McDONALD FAMILY REALTY, LLC	1669 EMAIN ST	NO	YES	\ \ \ \			YES	YES	YES	Yes, sewer impacted
144	7640-89-3919	JACKSON COUNTY	11 FAIRVIEWRD	NO	YES				NO	YES	NO	No, sewer not impacted
145	7641-70-6154	STATE EMPLOYEES CREDIT UNION, INC.	1746 EMAIN ST	NO NO	YES				YES	YES	YES	' '
146	7640-79-6753	MOUNTAIN CREDIT UNION	30 HWY 107		YES	X			 	YES		Yes, sewer impacted
140	7640-79-6544		66 HWY107	NO NO	YES				NO YES	YES	YES NO	Yes, sewer impacted
		MURPHY AND WALDROUP, LLC					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					No, sewer not impacted.
148	7640-79-6364	CVS7546 NC, LLC	88 HWY107	NO	YES		X		YES	YES	NO	No, sewer not impacted
149	7640-79-5182	DORISM. HIGDON (HIGDON, DEBRA ETAL)	120 HWY 107	NO NO	YES					YES	NO	No, sewer not impacted
150	7640-89-2035	SMOKYMOUNTAIN MEMORIAL PARKS, INC.	FAIRMEWRD	NO NO	NO NO					NO	NO	No, sewer not impacted
151	7640-88-1659	LOVES CHAPEL U M CHURCH, INC	41 LOVEDALERD	NO NO	NO NO					NO	NO	No, sewer not impacted
152	7640-88-2416	SHIRLEY P. SIMPSON, TRUSTEE	80 LOVEDALERD	NO NO	NO					NO	NO	No, sewer not impacted
153	7641-48-9630	FRANKWATSON, JR	21 CACTUSLOOP	NO	NO NO					NO	YES	Yes, sewer impacted
154	7641-48-7767	JOHN N. CAPLINGER	218 ASHEVILLEHWY	NO	YES	X			YES	YES	YES	Yes, sewer impacted
155	7641-48-8842	LANESPECH, TRUSTEE (now NODOT)	222 ASHEVILLEHWY	YES	NO				YES	YES	NO	No, total take
156	7641-58-1859	GRACEL ENSLEY	5 POPLARDR	NO	NO				YES	NO	NO	No, sewer not impacted
157	7641-48-5358	SARA B.ALLISON, ET AL (now NODOT)	SIGN LOT ASHEVILLEHWY		NO					NO	NO	No, total take
158	7641-82-0310	MOUNTAIN PROJECTS, INC.	15 LASER DR	NO	NO				NO	NO	NO	No, sewer not impacted
158Z	7641-82-0310	MOUNTAIN PROJECTS, INC.	15 LASER DR	NO	NO				NO	NO	NO	No, sewer not impacted
158Y	7641-82-0310	MOUNTAIN PROJECTS, INC.	15 LASER DR	NO	NO				NO	NO	NO	No, sewer not impacted
159	7641-37-9760	JOHN L SHEPHERD	47 RAŒLN	NO	YES	Х				YES	NO	No, sewer not impacted
160	7641-76-3133	PHILIPO: BLUOTT & JONATHAN D. BLUOTT (now MALDONADO, YBNSI YRODRIGUEZ)	647 EMAIN ST	NO	NO					YES	NO	No, sewer not impacted
161	7641-72-9050	LARRYP. AKINS	115 PLUM ST	NO	NO					NO	NO	No, sewer not impacted
162	7641-71-9842	CANDBTOOTHLANDOFSYLVA, LLC	37 CRESTMEWHTS	NO	YES	Х			NO	YES	NO	No, sewer not impacted
900	7641-47-3758	VICTOR HAMILTON (now NODOT)	10 EMAIN ST	YES	NO				YES	NO	NO	No, total take
901	7641-76-1411	CAROLS GARRISON, TRUSTEE(now NODOT)	569 EMAIN ST	YES	NO				YES	YES	NO	No, total take
ESPOTENTIA	ALLY AFFECTED: CO	ONFIRM WITH TWSA (NO ROW PARCEL#)	<u> </u>					•	<u> </u>	•	•	
	7641-47-4376	WOODARD, ANTHONYET AL (MARIETREADWAY)	60 CALDWELLST	NO	YES				YES	YES	NO	No, sewer not impacted
	7641-47-5137	BROWN, JEAN C	82 CALDWELLST	NO	YES	X				YES	NO	No, sewer not impacted
	7641-47-4223	MARR BENJAMINC	93 WLKESDALEST	NO	YES	X				YES	NO	No, sewer not impacted
	7641-76-8686	BLANTON, RAYM	229 COPE CREEK RD	NO	NO					YES	NO	No, sewer not impacted
	7641-76-4426	OWEN & GATESILC	98 COPE CREEK RD	NO	NO NO					YES	NO	No, sewer not impacted
	7641-76-5444	CODY, DOUGLASL	150 COPE CREEK RD	NO	NO					NO	NO	No, sewer not impacted
	7641-76-6238	BLUEMOON RENTALSILC	75 HENSLEY GR	NO NO	NO	+				NO	NO	No, sewer not impacted
	7641-48-3453	STANBERRY PROPERTIES, INC	83 ASHEVILLEHWY		YES		X		YES	YES	YES	' '
	7641-48-4655	SHRLEYM. CREEN		NO NO		 	 ^					Yes, sewer impacted
			125 ASHEVILLEHWY	NO	YES	X		-		YES	YES	Yes, sewer impacted
	7641-48-5800	WAYNESHI'A	157 ASHEVILLEHWY	NO NO	YES VES	1	X	-	NO VEE	YES VES	YES	Yes, sewer impacted
	7641-59-0055	NHN HOLDINGS, LLC	280 ASHEVILLEHWY	NO	YES	+	X	-	YES	YES	YES	Yes, sewer impacted
	7641-59-1089	KIRBYG BNSLEY	239 POPLAR DR	NO	YES	-				YES	ON	No, sewer not impacted
	7641-59-4181	SHELBY J BRYANT	200 POPLAR DR	NO	NO NO					NO	NO	No, sewer not impacted
	7641-59-0333	JACKSON COUNTY ABC BOARD	30 ESYLVASHOPPINGCTR	NO	YES	X			YES	YES	NO	No, sewer not impacted



