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SEE SHEET 1B FOR CONVENTIONAL PLAN SHEET SYMBOLS STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS MECKLENBURG COUNTY I-5973 PROJECT LOCATION: NC 16 (BROOKSHIRE BLVD) AND NORTHERN I-485 INTERCHANGE **BEGIN** SHUFFLETOWN PARK I-5973 PROJECT TYPE OF WORK: WATER MAIN RELOCATIONS HUNTERSVILLE BEGIN CONSTRUCTION -LRPA- Sta. 15 + 95.00 VICINITY MAP SHOWING LOCATION OF I-5973 PROJECT -L- Sta. 17 + 45.00 LB PROJECT TIES TO U-6084 END TIP PROJECT I-5973 BEGIN TIP PROJECT I-5973 -L- Sta. 45+04.00-L- Sta. 17 + 45.00 TO UPTOWN TO MOUNTAIN A PORTION OF THIS PROJECT IS LOCATED WITHIN THE CHARLOTTE MUNICIPAL BOUNDARIES OF THE CITY OF CHARLOTTE -L- NC 16 (BROOKSHIRE BLVD.) NCDOT CONTACT: SEAN EPPERSON, P.E. NCDOT – DIVISION 10 716 W. MAIN STREET ALBEMARLE, NC 28001 **BEGIN CONSTRUCTION** CONTACT INFORMATION BILL DEAL, P.E. -LRPC- Sta. 16 + 60.00 OWNER: (980) 722-0786 WDEAL@CI.CHARLOTTE.NC.US PROJECT ENGINEER: DANIEL BULA, P.E. BEGIN CONSTRUCTION (704) 409–1805 -LRPB- Sta. 14 + 56.00DAN.BULA@KIMLEY-HORN.COM 200 SOUTH TRYON STREET, SUITE 200 TO MOUNT CHARLOTTE, NORTH CAROLINA 28202 **Kimley** » Horn GRAPHIC SCALES UTILITY OWNERS INDEX OF SHEETS PLANS PREPARED FOR THE NCDOT BY: SHEET NO.: **DESCRIPTION:** WATER - CHARLOTTE WATER 200 SOUTH TRYON STREET, SUITE 200 CHARLOTTE, NORTH CAROLINA 28202 PHONE: (704) 333-5131 TITLE SHEET 2018 STANDARD SPECIFICATIONS NCDOT SYMBOLOGY **PLANS** DANIEL G. BULA, P.E.

CONSULTANT CONTACT #1 UC-3 GENERAL NOTES UC-3A THRU UC-3F STANDARD DETAILS

PROJECT REFERENCE NO.

I-5973

SHEET NO.

UC-1

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED** 

## PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

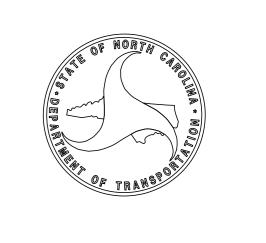
UC-4 THRU UC-7 UTILITY CONSTRUCTION PLAN

MATTHEW A. SHOESMITH, P.E. CONSULTANT CONTACT #2

SEAN EPPERSON, P.E. NCDOT CONTACT



**SIGNATURE**:



**BOUNDARIES AND PROPERTY:** 

PROJECT REFERENCE NO. 1-5973 UC-2

### STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS Note: Not to Scale \*S.U.E. = Subsurface Utility Engineering

State Line			
County Line			
Township Line		RAILROADS:	
City Line		Standard Gauge	CSX TRANSPORTATION
Reservation Line		RR Signal Milepost	MILEPOST 35
Property Line		Switch ————————————————————————————————————	SWIT CH
Existing Iron Pin		RR Abandoned	<del></del>
Property Corner		RR Dismantled	
Property Monument	 	RIGHT OF WAY:	
Parcel/Sequence Number ————	— (2 <b>3</b> )	Baseline Control Point	•
Existing Fence Line	•	Existing Right of Way Marker	
Proposed Woven Wire Fence		Existing Right of Way Line	
Proposed Chain Link Fence		Proposed Right of Way Line	$\frac{R}{W}$
Proposed Barbed Wire Fence		Proposed Right of Way Line with Iron Pin and Cap Marker	
Existing Wetland Boundary		Proposed Right of Way Line with	
Proposed Wetland Boundary		Concrete or Granite R/W Marker	
Existing Endangered Animal Boundary ———	EAB	Proposed Control of Access Line with Concrete C/A Marker	
Existing Endangered Plant Boundary	EPB	Existing Control of Access	(\bar{\bar{C}}\)
Existing Historic Property Boundary	— НРВ ———	Proposed Control of Access ————	(0)
Known Contamination Area: Soil	<b>X X</b>	Existing Easement Line —————	•
Potential Contamination Area: Soil		Proposed Temporary Construction Easement –	
Known Contamination Area: Water		Proposed Temporary Drainage Easement —	
Potential Contamination Area: Water		Proposed Permanent Drainage Easement —	
Contaminated Site: Known or Potential		Proposed Permanent Drainage / Utility Easemen	
BUILDINGS AND OTHER CULT	URE:		
Gas Pump Vent or U/G Tank Cap	- 0	Proposed Temporary Utility Easement	
Sign —	_	Proposed Temporary Utility Easement ———	
Well —		Proposed Aerial Utility Easement ————	——AUE——
Small Mine	- 🛠	Proposed Permanent Easement with  Iron Pin and Cap Marker	<b>♦</b>
Foundation —	_	ROADS AND RELATED FEATURE	7. <b>S</b> ·
Area Outline	_	Existing Edge of Pavement	
Cemetery	- [ † ]	Existing Curb —————	
Building —		Proposed Slope Stakes Cut	<u>c</u>
School —		Proposed Slope Stakes Fill ————	
Church —		Proposed Curb Ramp	CR
Dam —		Existing Metal Guardrail	
HYDROLOGY:		Proposed Guardrail	
Stream or Body of Water —			
Hydro, Pool or Reservoir —		Existing Cable Guiderail	
Jurisdictional Stream		Proposed Cable Guiderail	_
Buffer Zone 1		Equality Symbol	
Buffer Zone 2		Pavement Removal	KXXXXX
Flow Arrow		VEGETATION:	0
Disappearing Stream ————————————————————————————————————	->	Single Tree	슌
Spring —		Single Shrub	<b>ද</b> ා
Wetland		Hedge ————	
Proposed Lateral, Tail, Head Ditch ————	$\rightarrow \rightarrow \rightarrow \rightarrow$	Woods Line	
False Sump	FLOW		

Orchard —	h h h h
Vineyard ————————————————————————————————————	Vineyard
EXISTING STRUCTURES:	
MAJOR:	
Bridge, Tunnel or Box Culvert ————	CONC
Bridge Wing Wall, Head Wall and End Wall –	) CONC WW (
MINOR:	
Head and End Wall	CONC HW
Pipe Culvert —————	
Footbridge —————>	<b></b>
Drainage Box: Catch Basin, DI or JB	СВ
Paved Ditch Gutter	
Storm Sewer Manhole ————	(\$)
Storm Sewer —	s
UTILITIES:	
POWER:	
Existing Power Pole	
Proposed Power Pole —	6
Existing Joint Use Pole	
Proposed Joint Use Pole	<b>-</b>
Power Manhole —————	P
Power Line Tower —	$\boxtimes$
Power Transformer ———————————————————————————————————	$\overline{\mathcal{M}}$
U/G Power Cable Hand Hole	
H_Frame Pole ——————	•—•
U/G Power Line LOS B (S.U.E.*)	P
U/G Power Line LOS C (S.U.E.*)	
U/G Power Line LOS D (S.U.E.*)	P
TELEPHONE:	
Existing Telephone Pole	
Proposed Telephone Pole	-0-
Telephone Manhole	$\Box$
Telephone Pedestal ————	T
Telephone Cell Tower —	<u> </u>
U/G Telephone Cable Hand Hole	Η <sub>Η</sub>
U/G Telephone Cable LOS B (S.U.E.*)	
U/G Telephone Cable LOS C (S.U.E.*)	
U/G Telephone Cable LOS D (S.U.E.*)	
U/G Telephone Conduit LOS B (S.U.E.*)	
U/G Telephone Conduit LOS C (S.U.E.*)	
U/G Telephone Conduit LOS D (S.U.E.*)	
U/G Fiber Optics Cable LOS B (S.U.E.*)	
U/G Fiber Optics Cable LOS C (S.U.E.*)——	
U/G Fiber Optics Cable LOS D (S.U.E.*)	

WATER:	
Water Manhole	- W
Water Meter	-
Water Valve	- ⊗
Water Hydrant	- <b>₽</b>
U/G Water Line LOS B (S.U.E*)	
U/G Water Line LOS C (S.U.E*)	
U/G Water Line LOS D (S.U.E*)	
Above Ground Water Line	
TV:	
TV Pedestal ————————————————————————————————————	- <u>C</u>
TV Tower —	-
U/G TV Cable Hand Hole	- - Н <sub>Н</sub>
U/G TV Cable LOS B (S.U.E.*)	
U/G TV Cable LOS C (S.U.E.*)	
U/G TV Cable LOS D (S.U.E.*)	
U/G Fiber Optic Cable LOS B (S.U.E.*)	
U/G Fiber Optic Cable LOS C (S.U.E.*)	
U/G Fiber Optic Cable LOS D (S.U.E.*)	
GAS:	^
Gas Valve	· ·
Gas Meter	·
U/G Gas Line LOS B (S.U.E.*)	
U/G Gas Line LOS C (S.U.E.*)	
U/G Gas Line LOS D (S.U.E.*)	
Above Ground Gas Line	A70 003
SANITARY SEWER:	
Sanitary Sewer Manhole	
Sanitary Sewer Cleanout ————————————————————————————————————	÷
U/G Sanitary Sewer Line ——————	ss
Above Ground Sanitary Sewer ————	A/G Sanitary Sewer
SS Forced Main Line LOS B (S.U.E.*) ———	- — — — FSS — — — —
SS Forced Main Line LOS C (S.U.E.*)	- —— — — FSS — — ——
SS Forced Main Line LOS D (S.U.E.*)	- FSS
MISCELLANEOUS:	_
Utility Pole —	
Utility Pole with Base —	
Utility Located Object ————————————————————————————————————	
Utility Traffic Signal Box ———————————————————————————————————	_
Utility Unknown U/G Line LOS B (S.U.E.*)	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc. ——	
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	<b>U</b>
U/G Test Hole LOS A (S.U.E.*)	•
Abandoned According to Utility Records —	
End of Information ————————————————————————————————————	E.O.I.

### **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 2018.
- 2. THE EXISTING WATER AND SEWER UTILITIES BELONG TO CHARLOTTE WATER.
- 3. ALL WATER LINES SHALL BE INSTALLED IN COMPLIANCE WITH THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES SHALL BE INSTALLED IN COMPLIANCE WITH THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH 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 DEPARTMENTUNLESS 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. CONTRACTOR SHALL PROVIDE ACCESS FOR DEPARTMENT PERSONNEL AND 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, AND 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. CONTRACTOR SHALL MAKE INVESTIGATIONS TO DETERMINE EXACT LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND TO AVOID DAMAGE TO EXISTING FACILITIES. CONTRACTOR SHALL REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT NOR OWNER.
- 7. CONTRACTOR SHALL 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. CONTRACTOR SHALL 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, OR 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:

- 1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHARLOTTE WATER STANDARD DETAILS AND THE PROJECT SPECIAL PROVISIONS.
- THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY CHARLOTTE WATER REPRESENTATIVE.
- 3. ALL SHORING SHALL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART B, AS AMENDED TO DATE.
- 4. ANY NECESSARY LANE CLOSURES SHALL FOLLOW GUIDELINES OUTLINED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 5. IF THE PROPOSED WATER AND/OR SANITARY SEWER MAIN IS INSTALLED WITHIN 12" IN ANY DIRECTION (VERTICALLY OR HORIZONTALLY) OF A GAS MAIN, THE CONTRACTOR SHALL NOTIFY PIEDMONT NATURAL GAS COMPANY (704-525-5585).
- 6. THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AS DIRECTED.
- 7. IF ADDITIONAL WORK SPACE IN NEEDED, AN ENCROACHMENT SHALL BE AGREED UPON BETWEEN CONTRACTOR AND PROPERTY OWNER.
- 8. THE LOCATION OF EXISTING UTILITIES SHOWN O THE PLANS IS FOR THE USE OF THE CONTRACTOR IN PROVIDING PROTECTION FORTHE UTILITIES DURING CONSTRUCTION OPERATIONS. NCDOT, DESIGN CONSULTANT, AND/OR AGENT SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF LOCATION, SIZE, DEPTH, OR COMPLETENESS OF THE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- 9. CONTRACTOR SHALL SUPPORT AND PROTECT ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCH EXCAVATION AND/OR PIPE INSTALLATION.
- 10. 10 FEET HORIZONTAL SEPARATION OR 18" VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS OVER SEWER MAINS. WHEN WATER MAINS ARE BELOW SEWER MAINS OR MINIMUM SEPARATIONS CANNOT BE MAINTAINED, DUCTILE IRON PIPE SHALL BE USED FOR BOTH MAINS TO 10 FEET ON EITHER SIDE OF THE CROSSING, AND ALL ALONG THE LENGTH OF THE MAINS WHERE THE MINIMUM SEPARATION CANNOT BE MAINTAINED.
- 11. CHARLOTTE WATER SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE BEGINNING OF WATER AND/OR SANITARY SEWER WORK. CONTACT BILL DEAL OF CHARLOTTE WATER AT (980) 772-0786 TO PROVIDE NOTIFICATION.
- 12. WATER AND SEWER LINES SHALL REMAIN ACTIVE DURING CONSTRUCTION.
- 13. SANITARY SEWER LATERAL LOCATIONS ARE APPROXIMATE AND SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS. ALL 4" SANITARY SEWER LATERALS SHALL HAVE A MIN. 1% SLOPE.
- 14. ALL PROPOSED WATER LINES, UNLESS OTHERWISE INDICATED ON THE PLANS, SHALL BE RESTRAINED JOINT DUCTILE IRON PIPE PRESSURE CLASS 350. ALL PROPOSED SEWER LINES, UNLESS OTHERWISE INDICATED ON THE PLANS, SHALL BE CERAMIC EPOXY LINED PUSH-ON JOINT DUCTILE IRON PIPE PRESSURE CLASS 350.
- 15. ALL PROPOSED WATER AND SEWER LINES SHALL BE TESTED IN ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS.
- 16. CONTRACTOR SHALL MINIMIZE SHUTDOWN TIMES OF WATER AND SEWER FACILITIES, AND COORDINATE WITH CHARLOTTE WATER AND THE LOCAL FIRE DEPARTMENT.

Kimley» Horn

200 SOUTH TRYON ST, SUITE 200 CHARLOTTE, N.C. 28202

DESIGNED BY: DGB

DRAWN BY: SLG

CHECKED BY: MAS

APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

UTILITIES ENGINEERING SEC.

SHEET NO.

PLANS ONLY

PROJECT REFERENCE NO.

FAX: (919)250-4151

### GENERAL SEQUENCE:

### UTILITY CONSTRUCTION

PHONE: (919)707-6690 UTILITY CONSTRUCTION

- 1. FOR EACH WATER LINE AND SEWER LINE RELOCATION, THE CONTRACTOR SHALL PROVIDE THE UTILITY OWNER WITH A DETAILED INSTALLATION, CONNECTION, AND SERVICE INTERRUPRTION PLAN FOR APPROVAL AT LEAST SEVEN (7) DAYS PRIOR TO THE RELOCATION. AT A MINIMUM, EACH PLAN SHALL ADDRESS THE FOLLOWING:
  - A. SEQUENCE OF CONSTRUCTION OPERATIONS.
  - B. PROCEDURE FOR FLUSHING, TESTING, AND DISINFECTION OF ALL AFFECTED PIPING AND VALVES, AS REQUIRED BY THE UTILITY OWNER.
  - C. PHASING AND SCHEDULE FOR ALL CONNECTIONS, INCLUDING PLANNED SERVICE OUTAGES, DURATION, AND CONTINGENCY PLAN.
- 2. NO INTERRUPTION OF SERVICE WILL BE PERMITTED UNTIL THE FOREGOING PLAN HAS BEEN APPROVED BY THE UTILITY OWNER. THE UTILITY OWNER'S PERSONNEL SHALL OPERATE THE UTILITY OWNER'S EXISTING FACITLITIES INVOLVED IN THE INTERRUPTIONS OF SERVICE.
- 3. PLANNED SERVICE CONNECTION INTERRUPTIONS SHALL LAST NO LONGER THAN 8 HOURS UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. ALL INTERRUPTIONS OF SERVICES SHALL BE COORDINATED WITH AND SCHEDULED AT TIMES ACCEPTABLE TO THE UTILITY OWNER.
- 4. WRITTEN WATER SERVICE INTERRUPTION NOTICES SHALL BE PROVIDED TO ALL AFFECTED CUSTOMERS AT LEAST 72 HOURS PRIOR TO EACH PLANNED INTERRUPTION.

REVISION

Kimley» Horn

200 SOUTH TRYON ST, SUITE 200 CHARLOTTE, N.C. 28202

PROJECT REFERENCE NO. SHEET NO.

1-5973

DESIGNED BY: DGB

DRAWN BY: SLG

CHECKED BY: MAS

APPROVED BY:

REVISED:

NORTH CAROL INA

PROJECT REFERENCE NO. SHEET NO.

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UC-3A

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DESIGNED BY:

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REVISED:

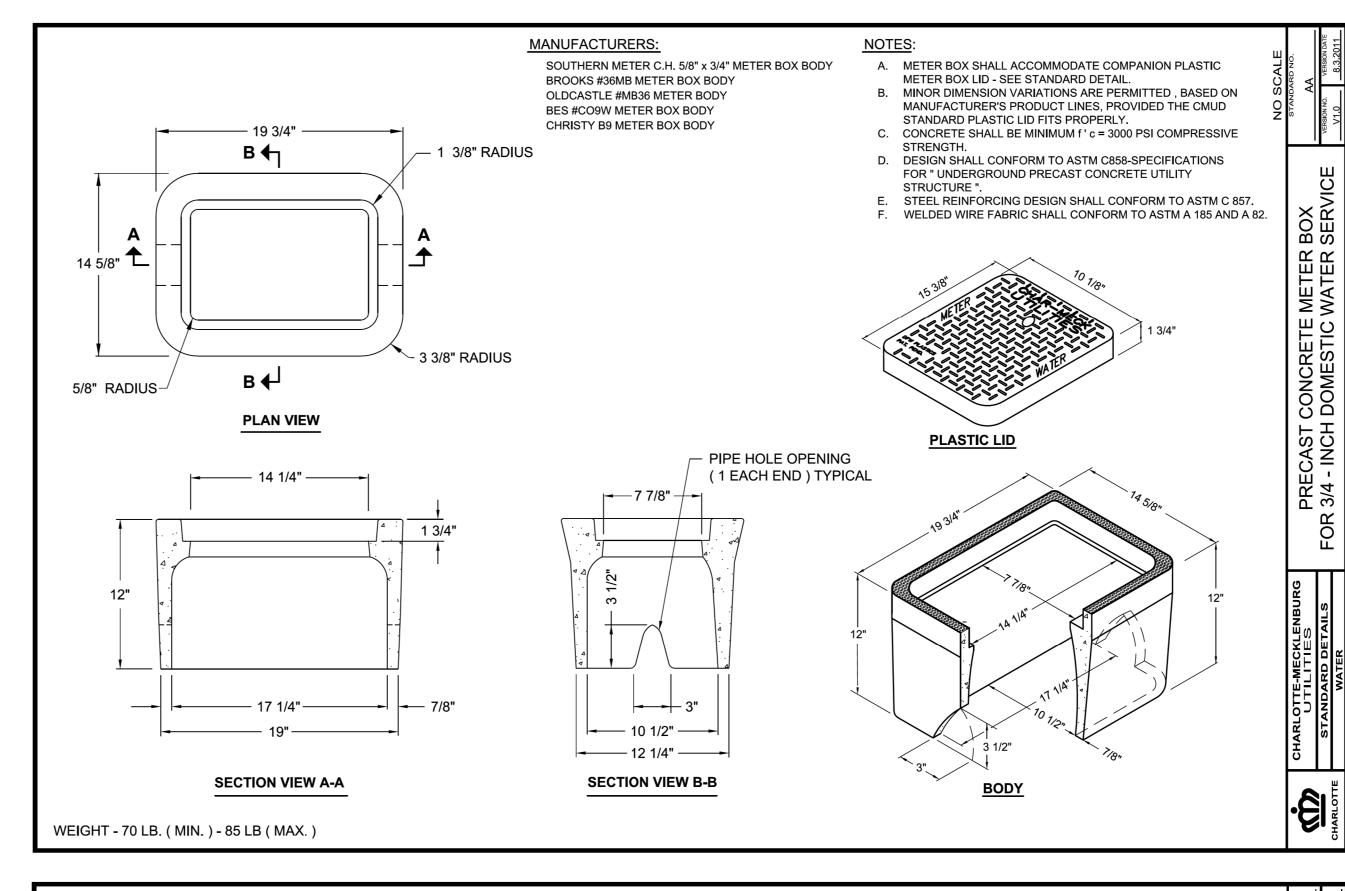
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TRANSPORTATION

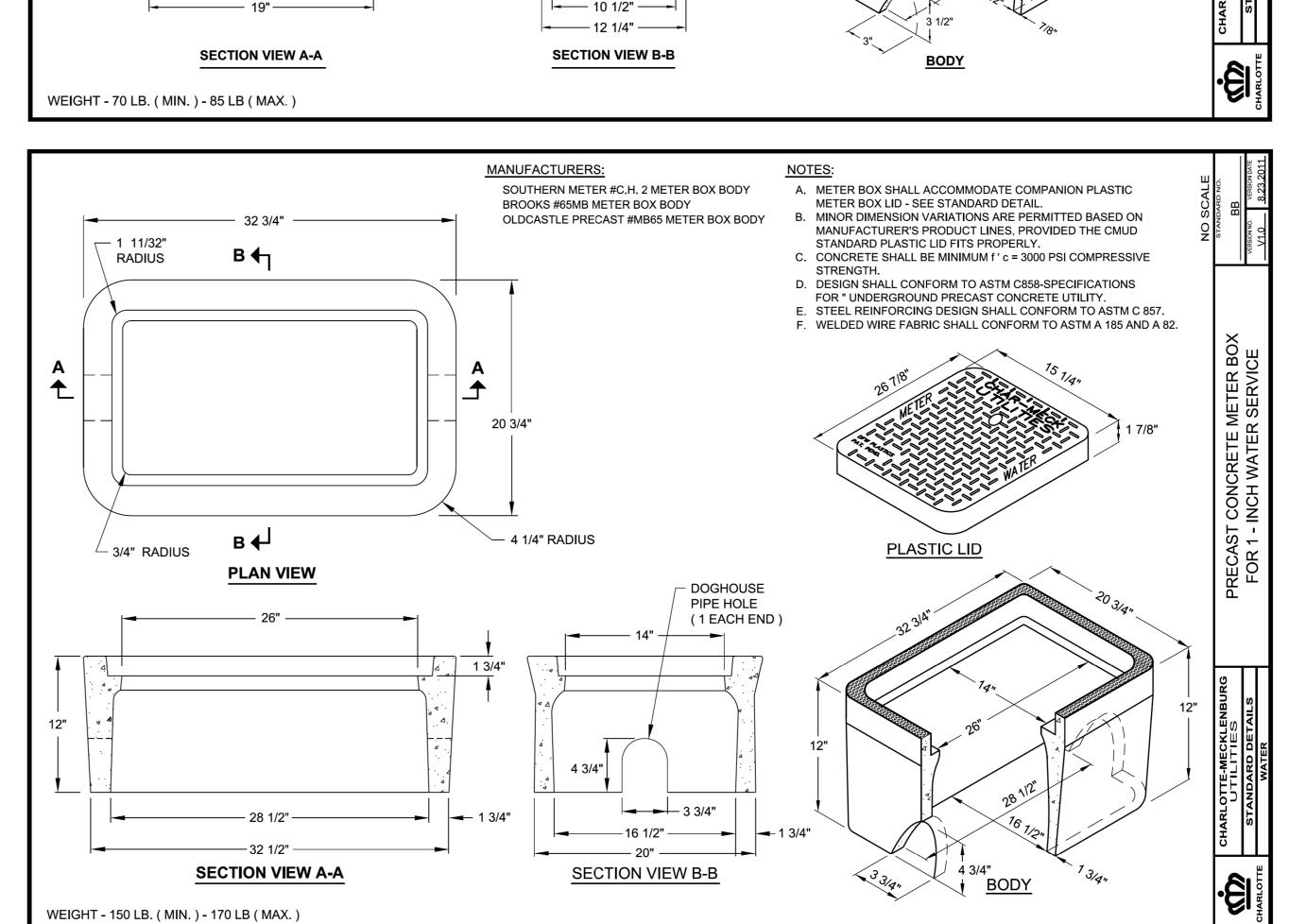
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PHONE: (919)707-6690

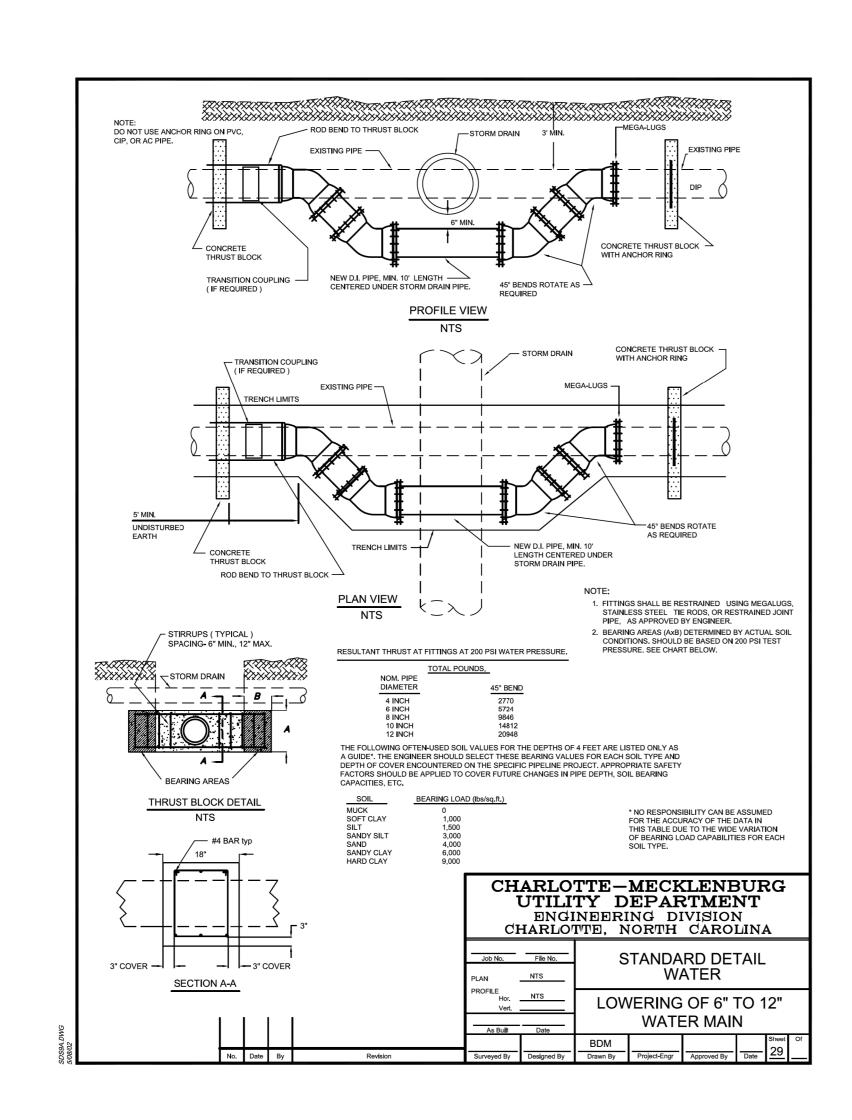
UTILITY CONSTRUCTION

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

UTILITY CONSTRUCTION







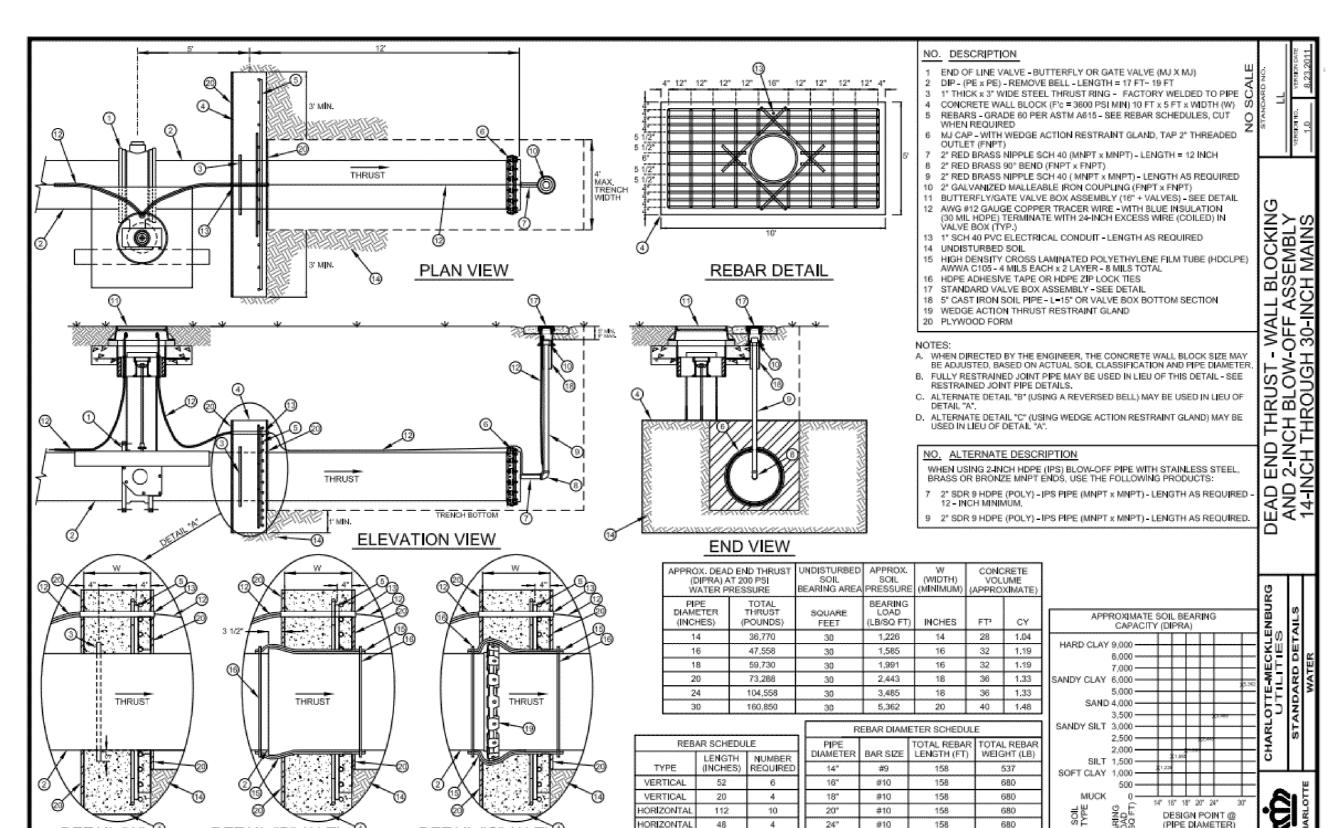
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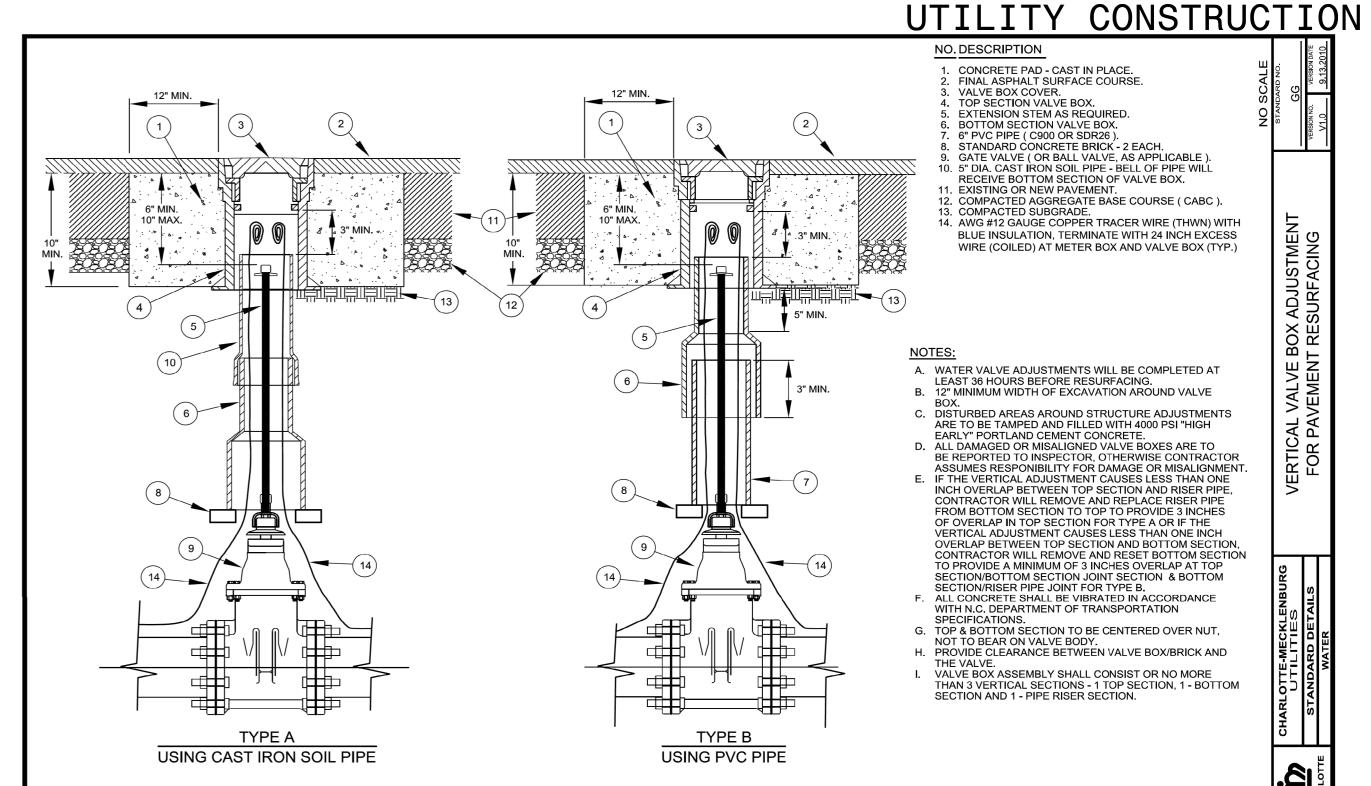
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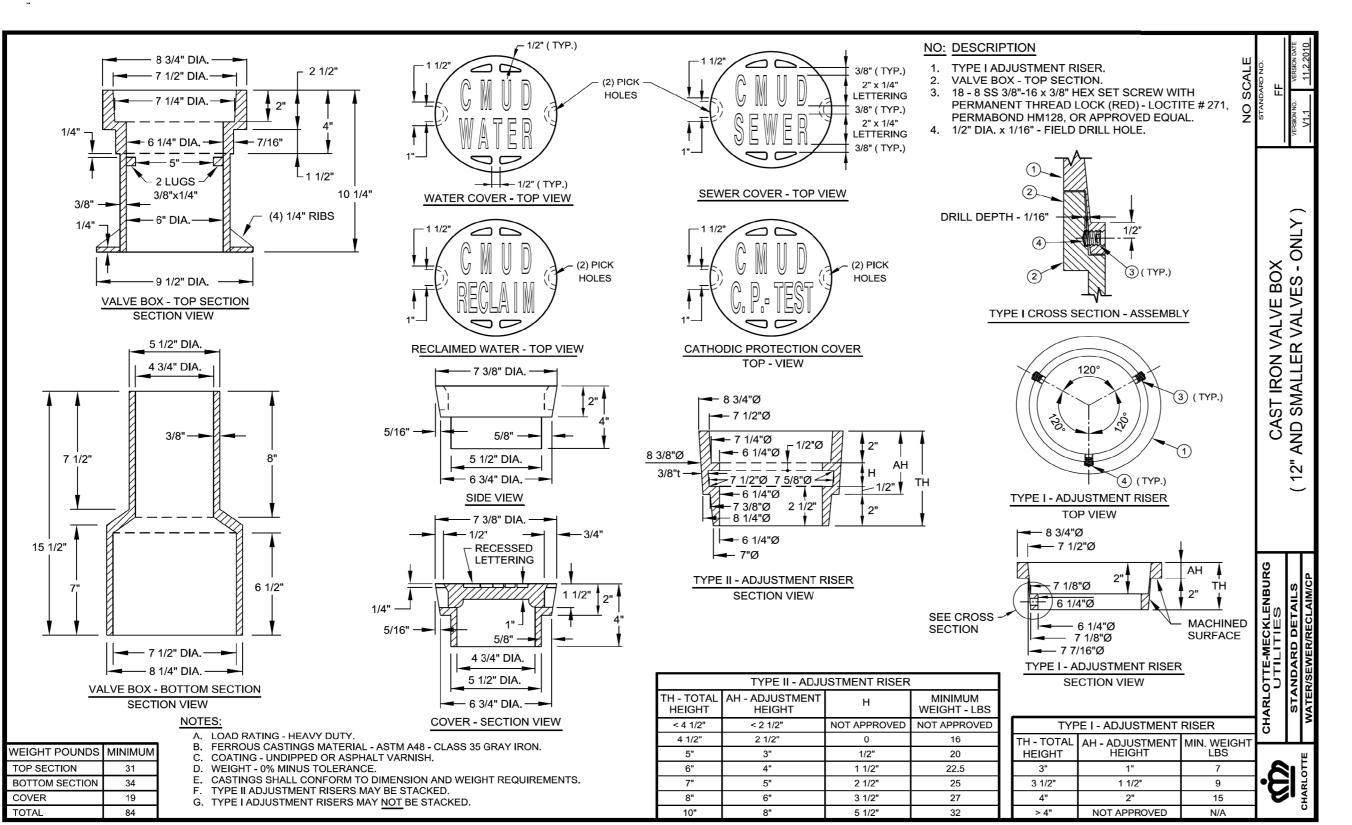
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC

FAX: (919)250-4151

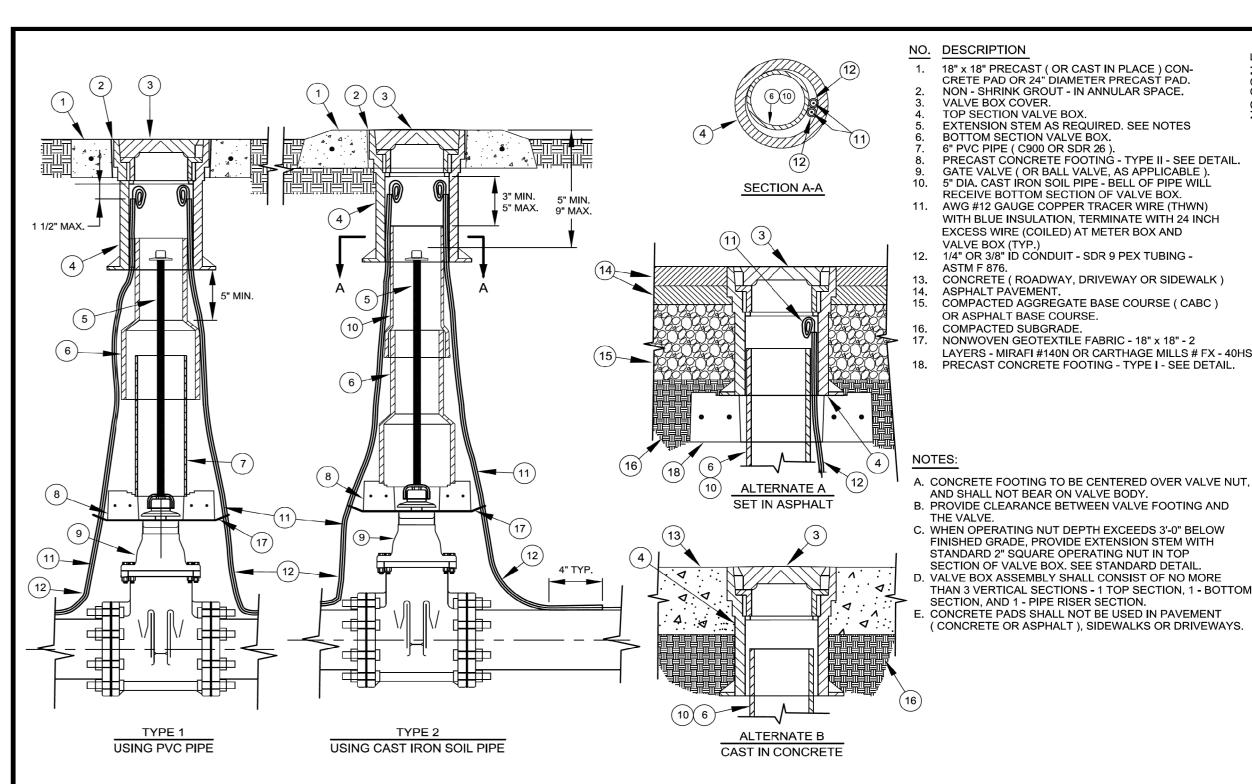
PHONE: (919)707-6690 UTILITY CONSTRUCTION PLANS ONLY







DIAGONAL 48 4 30° #11 158



Kimley» Horn

200 SOUTH TRYON ST, SUITE 200 CHARLOTTE, N.C. 28202

DESIGNED BY: DGB

DRAWN BY: SLG

CHECKED BY: MAS

APPROVED BY:

REVISED:

NORTH CAROLINA

SHEET NO.

PROJECT REFERENCE NO.

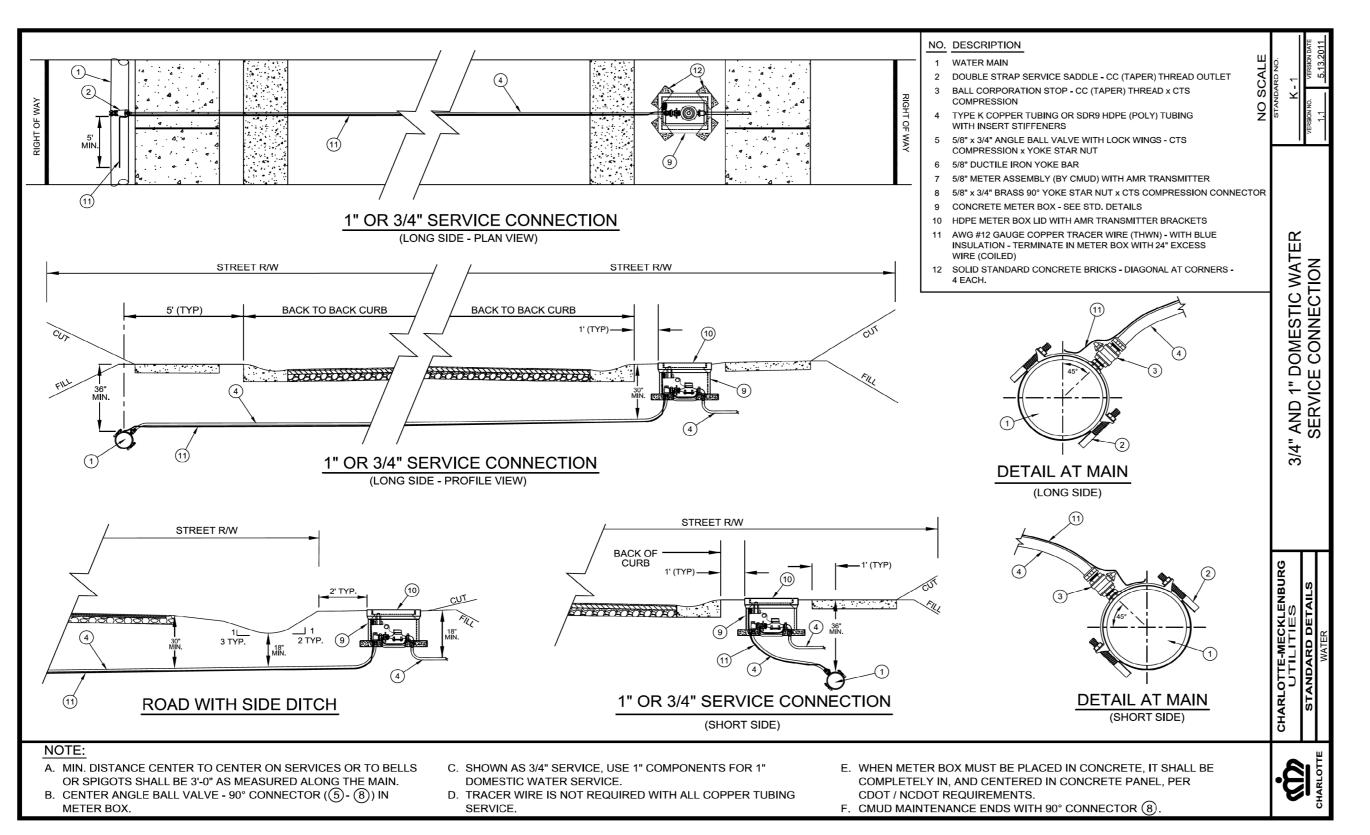
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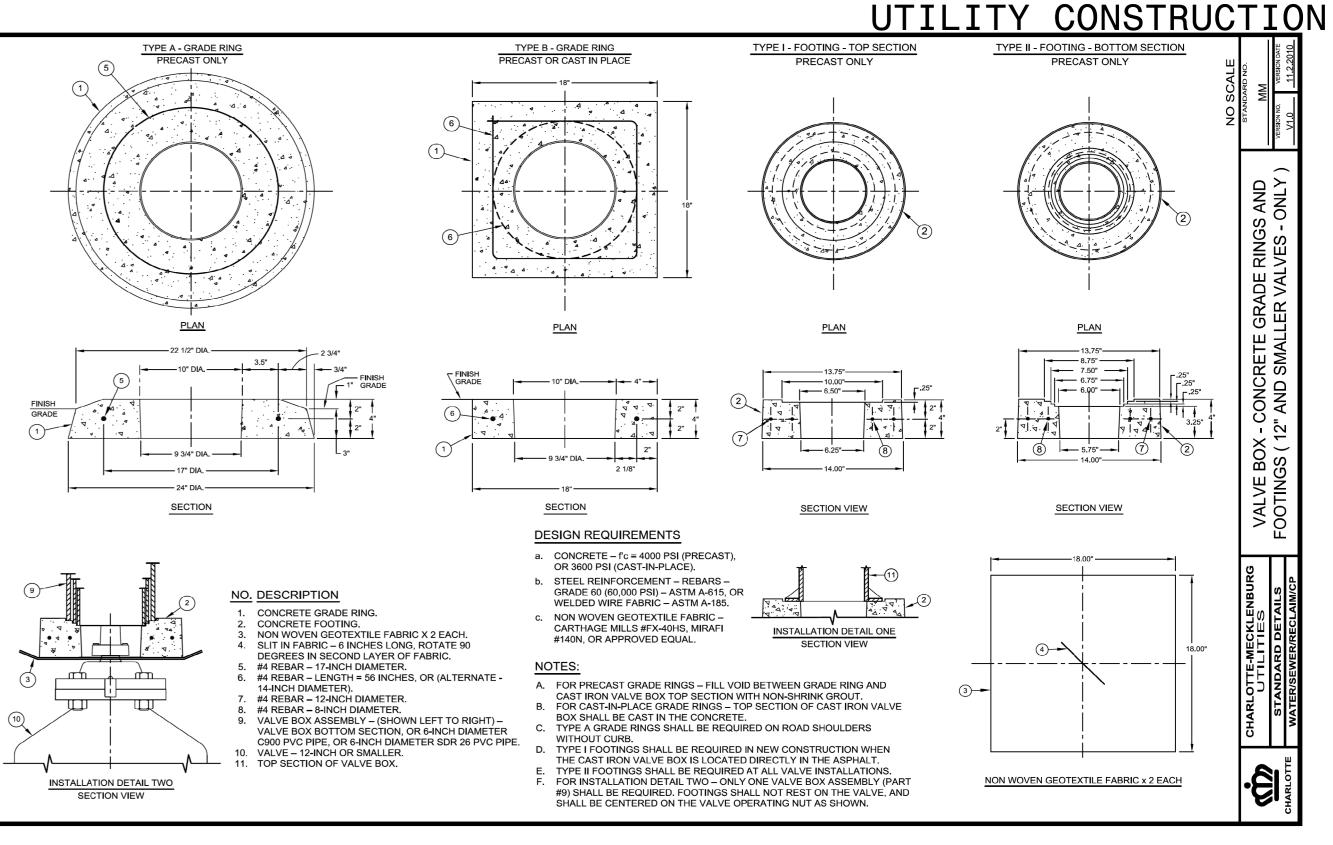
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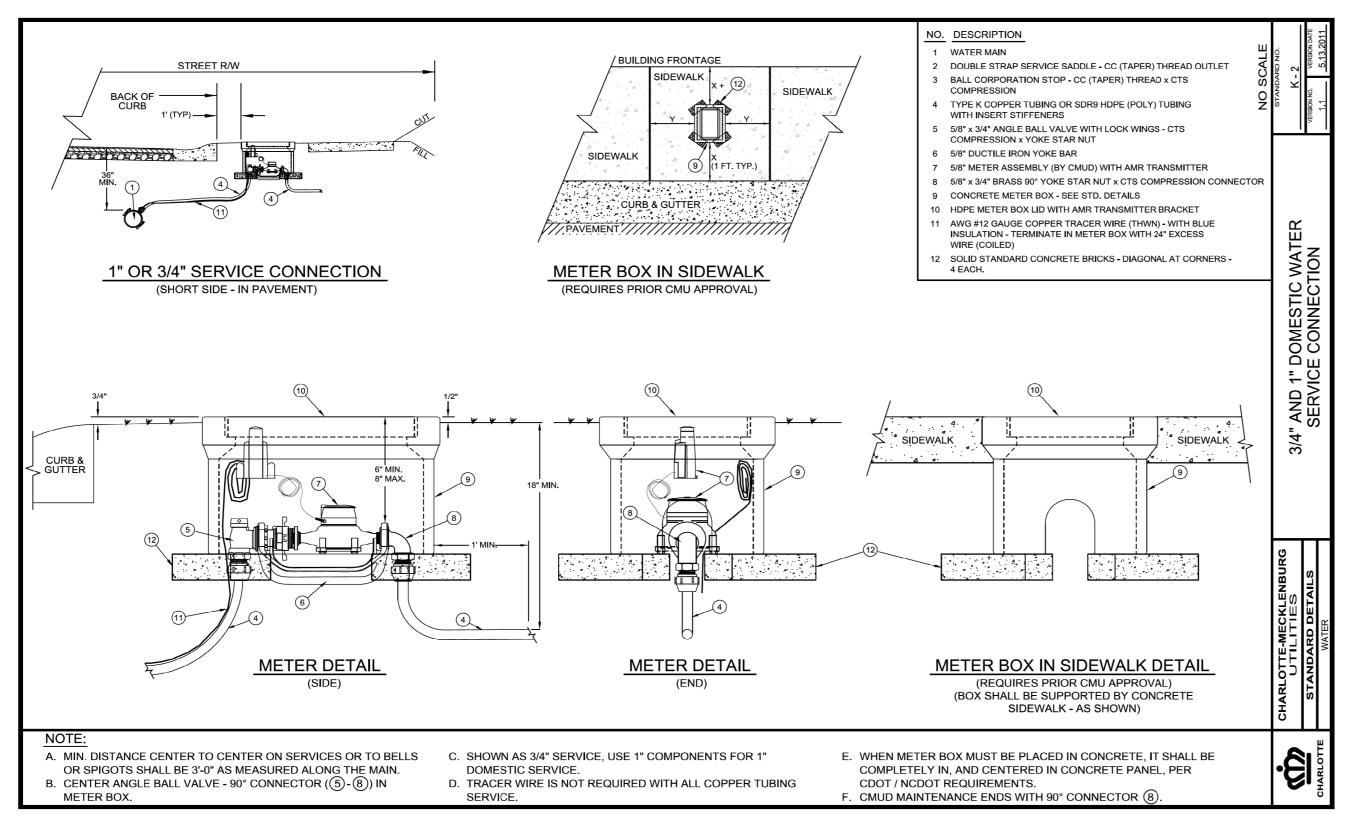
UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690

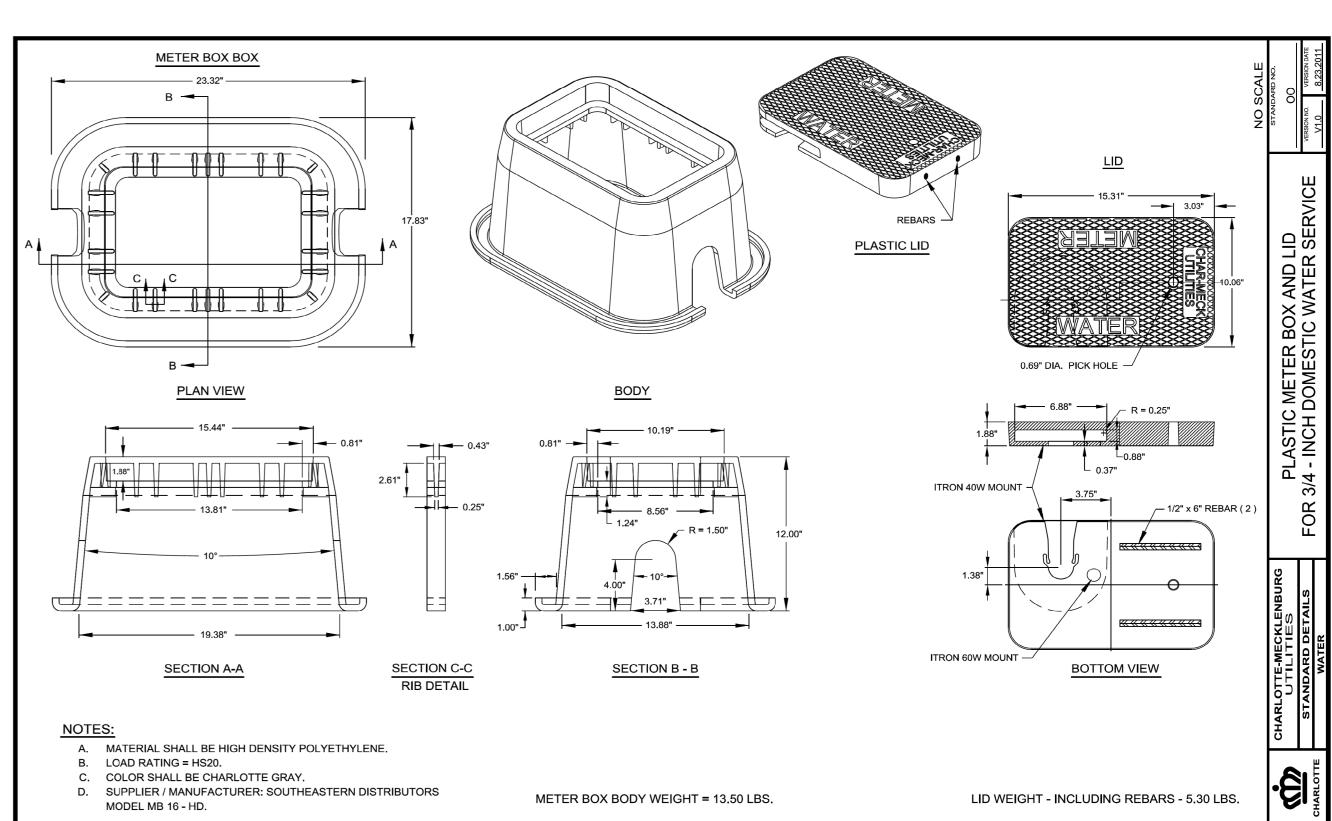
FAX: (919)250-4151

PLANS ONLY









3/4 - INCH SERVICE LID

WATER

**METER** 

\_\_\_\_ 1/2" x 6" REBAR ( 2 ) \_\_\_

PICK HOLE

# DFW 36C - RSGSM - LID

WEIGHT - INCLUDING REBARS - 6.50 LBS.

COLOR - CHARLOTTE GREYLOAD RATING - HEAVY DUTY

NOTES: · MATERIAL - HIGH DENSITY POLYETHYLENE ( HDPE ) - RECYCLED

MANUFACTURER - DFW PLASTICS INC. OR APPROVED EQUAL

Kimley» Horn

200 SOUTH TRYON ST, SUITE 200 CHARLOTTE, N.C. 28202

DESIGNED BY: DGB

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APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

UC-3D

UC-3D

UC-3D

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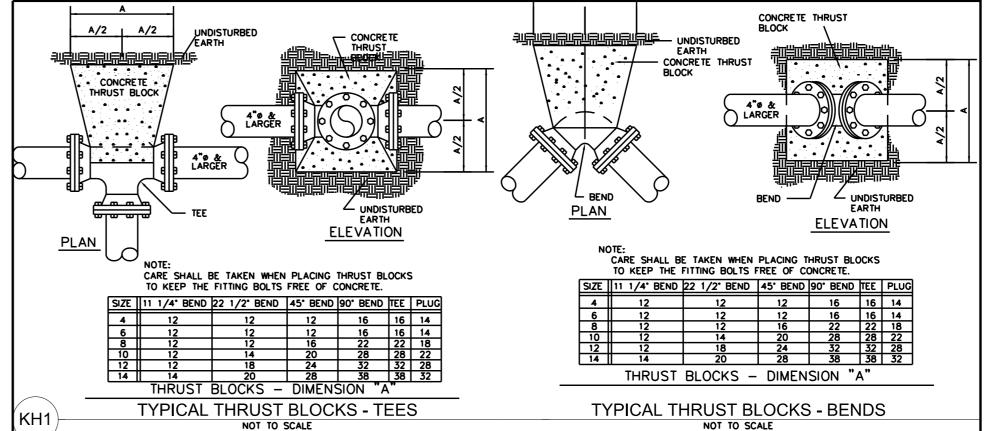
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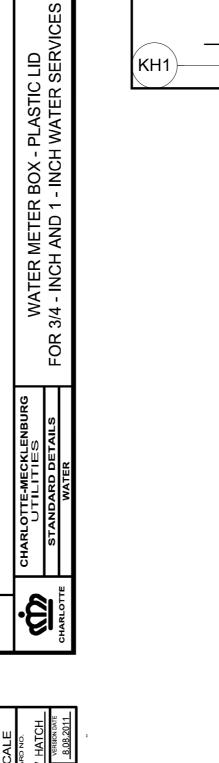
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PLANS ONLY

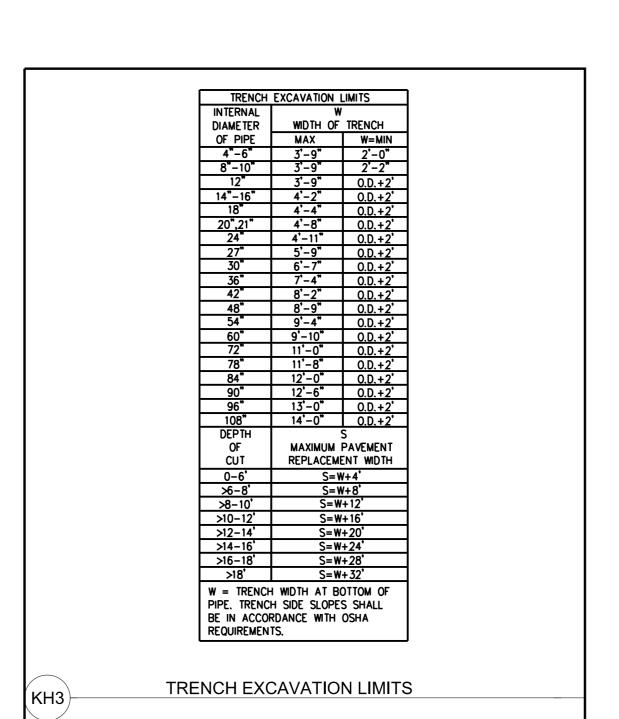
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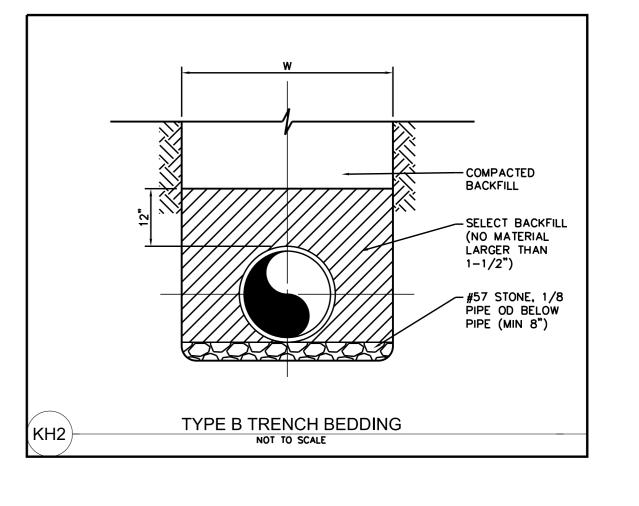


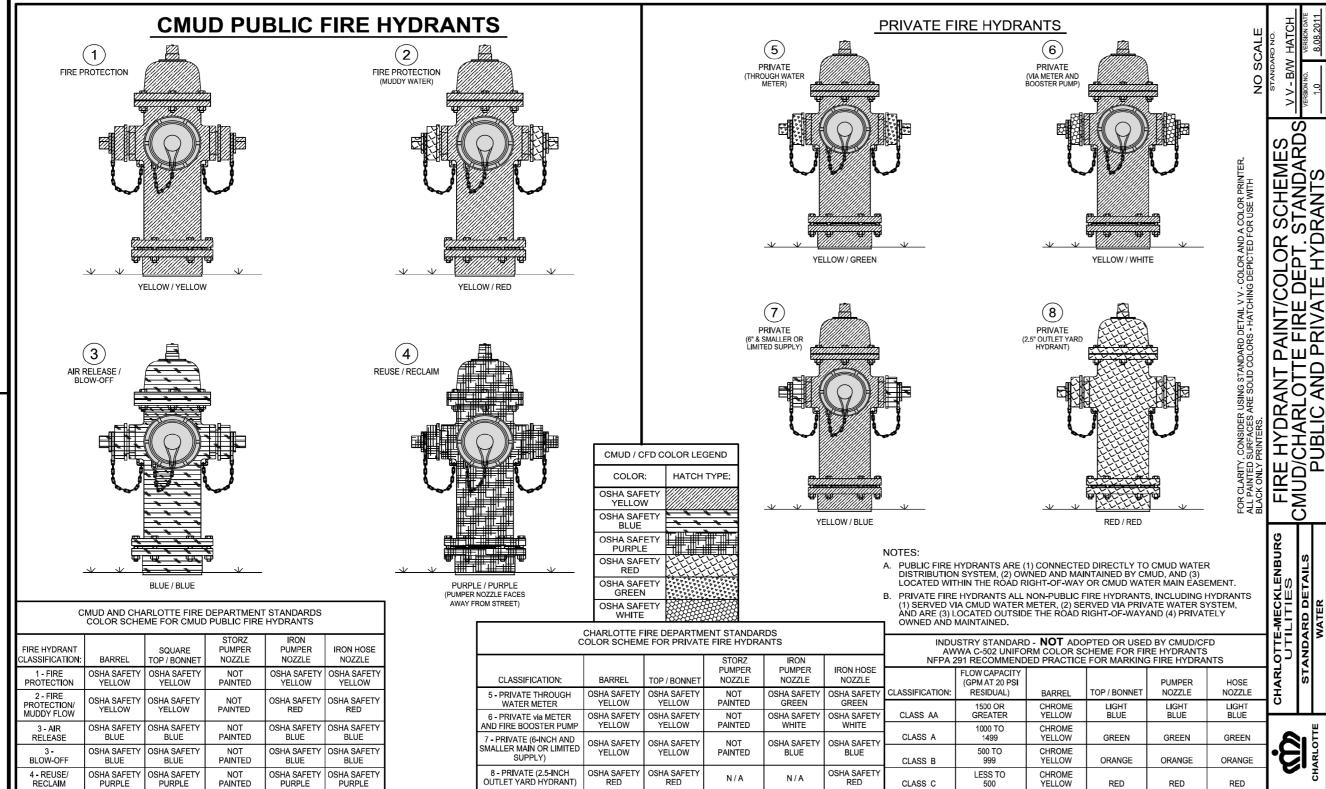
### UTILITY CONSTRUCTION



- ITRON 40W MOUNT







1" DIA.

- ITRON 40W

- ITRON 60W

PICK HOLE

# DFW 65C - RSGSM - LID

WEIGHT - INCLUDING REBARS - 23.50 LBS.

1 - INCH SERVICE LID

1/2" x 12" REBAR ( 2 ) -

ITRON 60W MOUNT -

