



**"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21<sup>ST</sup> CENTURY"**

# **Sewerage & Water Board OF NEW ORLEANS**

625 ST. JOSEPH STREET  
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52-WATER  
[www.swbno.org](http://www.swbno.org)

## **Addendum No. 1**

**Date: 11/26/2025**

Your reference is directed to **Contract Number:** 2025-SWB-50 (Contract 30200) for Kansas Street Sewer Force Main Replacement Project which is scheduled to open at **11:30 a.m. CST** on **December 12, 2025** for SWBNO Engineering Department.

This addendum provides for the following:

- 1) Questions and Answers
- 2) Revisions to Plans
- 3) Louisiana Uniform Public Work Bid Form Replacement
- 4) Section 012200 Unit Prices Replacement
- 5) Bid Bond Form

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1. How is the asphalt driveway being paid for? There is a removal item but no item for replacement?

We have the asphalt driveway near the pump station called out to be removed with Pay item C202(52)(I) and installed with pay items C502(53)-1 and C502(53)-2.

2. How are you paying for removal of the following items?

- a. 16" Sewer Valve and Manhole?

C742(52)(F) has a subsidiary obligation to remove the existing sewer valve.

- b. Catch Basins.

We revised pay item C702(53)M's description to include removal of the existing catch basin a subsidiary obligation to this pay item.

- c. The existing sewer pipe that is called to be removed.

We have added pay item "C702(51)(16)(REM): Remove Existing Sewer Force Main Pipe - 28 LF".

3. Can you please provide the typical roadway restoration details.

Please see DPW standard Detail RW1 on Sheet 20.

4. Can you please provide the trench detail for the open cut portion of sewer force main.

Please see Standard SWB detail 4697-E5-A on Sheet 18.

5. Does the Air release valve include the manhole or is the manhole paid under the new sewer valve manhole item?

The manhole for the air release valve has already been included in pay item C742(74).

6. Is the 7 lf of 12” reinforced concrete pipe called out on the plans anywhere?

Sheet 8 has been revised to call out the 12” reinforced concrete pipe that needs replacing.

7. Plan sheet 6 has a note referencing asphalt repair detail shown on plan sheet 23. Is there a plan sheet 23? My set stops at plan sheet 22.

The callout on sheet 6 has been revised to refer to sheet 21. Additionally, we have updated all of the page numbers to be “# of 22”.

8. Please provide the design peak flow rate (GPM) used to size the 16-inch sewer force main, including the flow assumptions or pump station criteria used during design. This information is required to properly evaluate hydraulic performance for pressure-pipe submittals and related installation planning.

We are replacing the pipe with the same diameter to not impact the original designed pressure for the line. However, please remember that the line shall be pressure tested at 100 psi for 2 hours per SWB specifications.

9. What is the engineer’s estimate/budget on this project.

\$874,750.50

10. What is the Contract No. on this project as it’s listed two different ways 30200 and 32000 and specifically states in the “Instructions to Bidder’s” to mark envelope with the following “Solicitation # 2025-SWB-50 **Contract 32000**”.

Contract Number 2025-SWB-50 30200

11. The current specifications issued is missing Page 1 of Section 00 43 13 (Bid Bond) as only page 2 has been provided.

Included in Addendum 1.

12. Please provide the LA Licensed Classification that is required to bid this project (See LA R.S. 37:2156.2 for classifications).

Municipal and Public Works

*The above revisions shall be incorporated in and take precedence over any conflicting part of the original proposal documents. This addendum is hereby officially made a part of the referenced proposal.*

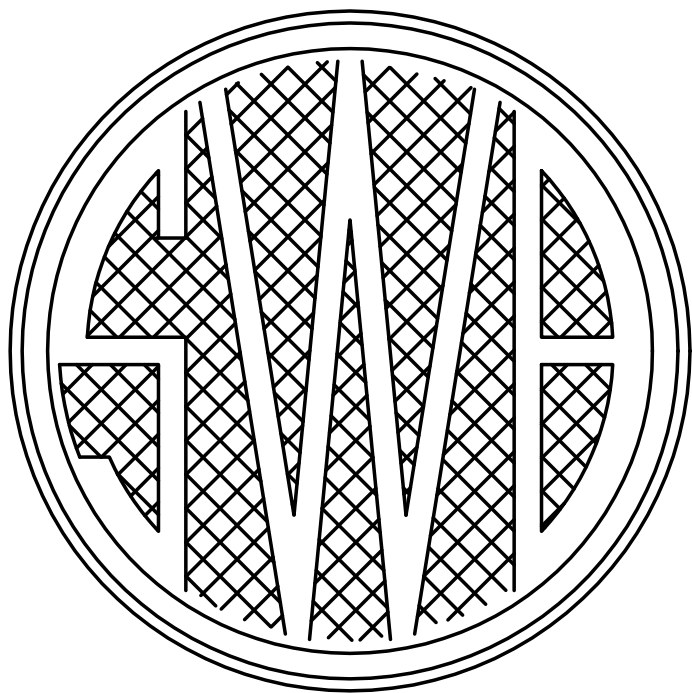
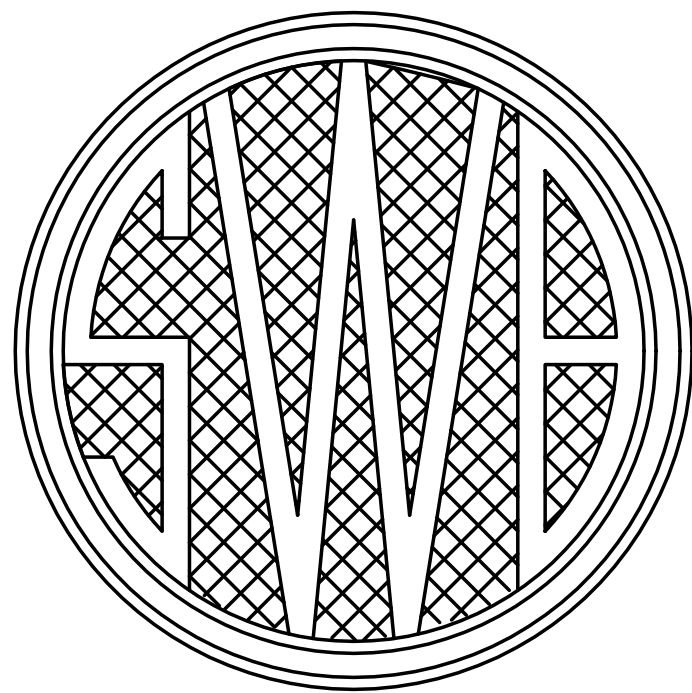
*Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided on the Louisiana Uniform Public Works Bid Form.*

This addendum consists of forty-three (43) pages.

\*\*\* END OF ADDENDUM \*\*\*

SEWERAGE AND WATER BOARD

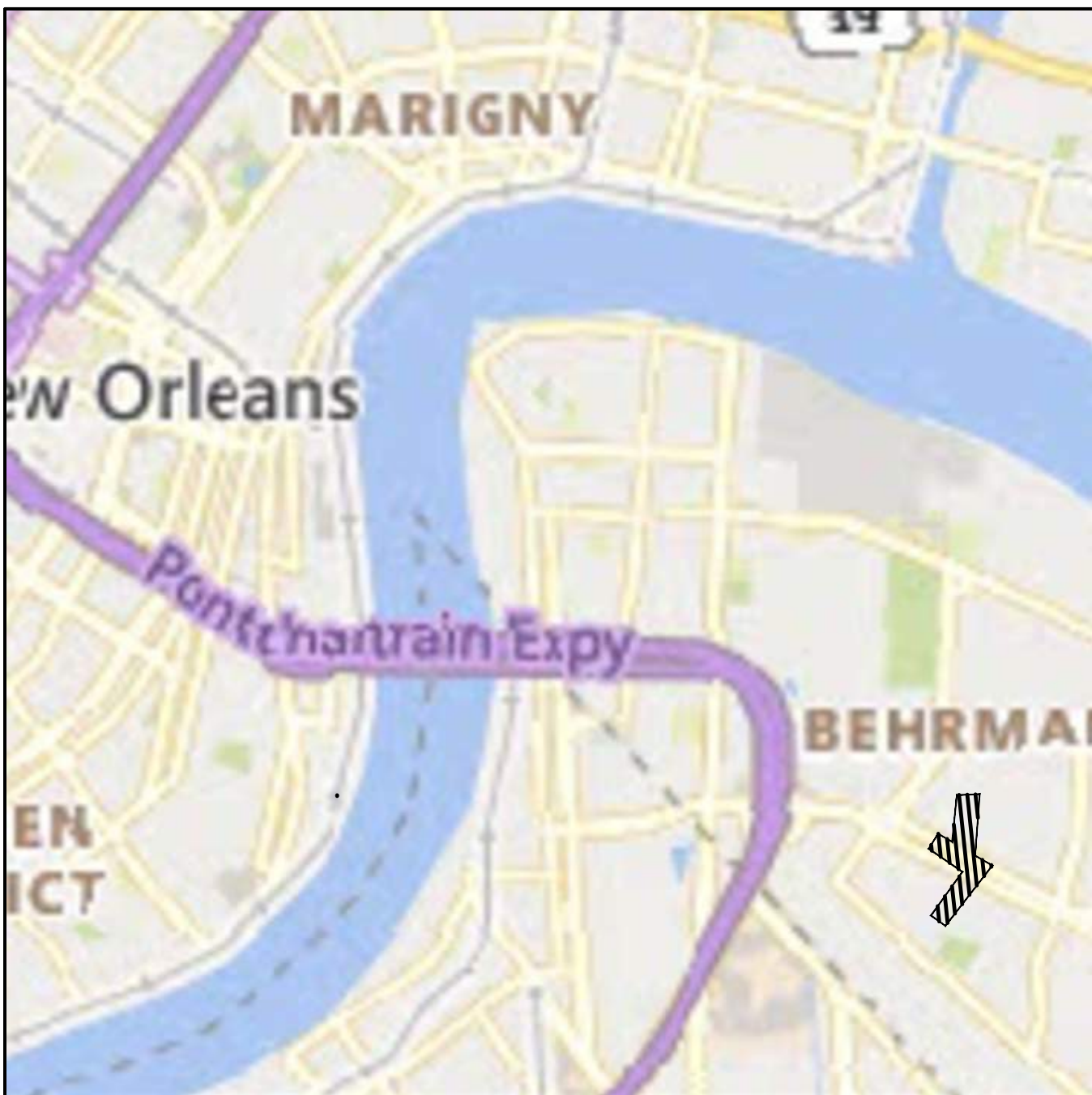
OF NEW ORLEANS



ENGINEERING DEPARTMENT

CONTRACT 30200

NEW 16" SEWER FORCE MAIN ON KANSAS ST. FROM SEINE ST. TO VESPASIAN ST.



SITE OR LOCATION PLAN

SHEET No.		TITLE
1		TITLE SHEET
2		GENERAL NOTES
3		SUMMARY OF QUANTITIES
4-5		3 POINT TIES AND STREET INDEX SHEET
6-13		PLAN AND PROFILE SHEETS
14		TRAFFIC CONTROL PLAN
15-22		DETAIL SHEETS

THIS ACKNOWLEDGES THAT THE ATTACHED DRAWINGS HAVE BEEN RECEIVED BY THE SEWERAGE & WATER BOARD OF NEW ORLEANS AND HEREBY FORWARDED FOR PROCUREMENT. THE SEWERAGE & WATER BOARD OF NEW ORLEANS DOES NOT RELEASE CONSULTANT/DESIGNER FROM ANY LEGAL LIABILITY THAT MAY ARISE FROM THE BOARD'S ACCEPTANCE OR USE OF THE ATTACHED DRAWINGS FOR THEIR INTENDED PURPOSE.

GENERAL SUPERINTENDENT

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
TITLE SHEET			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE: NA	DWG. NO. 8596-S		
DATE: 07/29/2025	SET NO.	SHEET NO. 1 OF 22	



1.0 ENGINEERING LAYOUT

- 1.1 ALL ELEVATIONS SHOWN ON THE PLANS ARE NAVD 1988, UNLESS NOTED OTHERWISE.
- 1.2 THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE PROJECT TEMPORARY BENCH MARKS SHOWN ON PLAN WITH THE PERMANENT BENCH MARK INDICATED ON THE INDEX SHEET.
- 1.3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS, EXISTING ELEVATIONS, AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE PROJECT CENTERLINE AND ADDITIONAL TEMPORARY BENCH MARKS FOR CONSTRUCTION PURPOSES BEFORE DESTROYING EXISTING MONUMENTS/NAILS/CROSS CUTS, ETC..
- 1.4 THE LINES AND GRADES SHOWN ON THE PLANS MAY BE VARIED SLIGHTLY BY THE ENGINEER IN THE FIELD IF CONDITIONS JUSTIFY SUCH A VARIATION. THE CONTRACTOR SHALL NOT BE ENTITLED TO AN EXTRA PAYMENT OTHER THAN WHATEVER INCREASE IN CONTRACT QUANTITIES IS INVOLVED.
- 1.5 THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH GRADES FOR ALL ROADS TO MAINTAIN POSITIVE DRAINAGE TO THE NEAREST CATCH BASINS OR DROP INLETS WITHOUT PONDING WATER IN ROADWAYS. IF DRAINAGE CONFLICT IS OBSERVED, CONTRACTOR SHALL INITIATE A REQUEST FOR INFORMATION TO ENGINEER FOR REVIEW. CONTRACTOR SHALL EVALUATE CATCH BASIN ADJUSTMENT IN LIEU OF ROADWAY ELEVATION ADJUSTMENT, WHEN FEASIBLE.
- 1.6 THE CONTRACTOR SHALL CONTACT DEPT OF PUBLIC WORKS (STREET LIGHTING) TO MARK STREETLIGHT AND TRAFFIC SIGNAL UTILITY LINES AT LEAST 48 HOURS PRIOR TO SAW-CUTTING OR EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR ANY COSTS IN MARKING AT NO DIRECT COST, THE FEE IS BASED ON PROJECT LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGED LINES IN 5-DAYS FOR STREET LIGHTS, AND IMMEDIATELY FOR TRAFFIC SIGNALS, IF THE CONTRACT HAS THE AREA MARKED AND DAMAGE OCCURS BECAUSE THE LINES WERE IMPROPERLY MARKED, THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR THE COST ASSOCIATED WITH THE REPAIR.

2.0 ROADWAYS

- 2.1 ALL ROADWAY CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH THE CITY OF NEW ORLEANS GENERAL SPECIFICATIONS FOR STREET PAVING, CURRENT EDITION, AND THE CITY STANDARD DRAWINGS. PLEASE REFER TO <https://www.nola.gov/dpw/construction-engineer-resources/>
- 2.2 UNLESS SPECIFIED OTHERWISE, PROPERTY LINES INDICATED ON THE PLANS ARE APPARENT PROPERTY LINES.
- 2.3 ROADWAY RADII ARE MEASURED TO THE FACE OF CURB.
- 2.4 CONTRACTOR SHALL COMPACT AND SHAPE THE TOP 9 INCHES OF THE SUBGRADE PRIOR TO PLACING GEOTEXTILE FABRIC AND/OR GEOGRID. (NO DIRECT PAYMENT)
- 2.5 ASPHALT TRANSITIONS, RESHAPED DITCHES, AND CRUSHED STONE SHOULDERS FOR SIDE STREETS, IF REQUIRED, SHALL BE DONE PER DIRECTION OF THE FIELD ENGINEER AND PAID FOR AT THE CONTRACT UNIT PRICE.
- 2.6 WHENEVER NEW PAVING INTERSECTS OR MEETS EXISTING PAVING THAT IS TO REMAIN, THE GRADES OF THE NEW PAVING SURFACE SHALL MATCH THE GRADE OF THE EXISTING PAVING.
- 2.7 FOR CONCRETE BASE ROADWAY, THE CONTRACTOR SHALL NOT OVERLAY OVER EXPANSION JOINTS. AN APPROVED JOINT SEALER SHALL BE USED OVER EXPANSION JOINTS.
- 2.8 WHENEVER REMOVAL OF EXISTING PAVEMENT SURFACING IS REQUIRED IN CONJUNCTION WITH PROPOSED PROFILE GRADE LINE SHOWN ON THE DRAWINGS, THE EXISTING ASPHALT CONCRETE PAVEMENT IMMEDIATELY ADJACENT TO THE EDGE OF THE CONCRETE GUTTER SHALL BE MILLED TO A MINIMUM DEPTH OF ONE (1") TO OBTAIN A SMOOTH TIE-IN BETWEEN EXISTING AND PROPOSED CONSTRUCTION.
- 2.9 WHENEVER ADDITIONAL PAVEMENT SURFACING MATERIAL IS REQUIRED, THE ADJACENT CONCRETE GUTTER BOTTOM WILL NOT BE COVERED WITH ASPHALT SURFACING IF THE PROPOSED PROFILE GRADE LINE SHOWN ON THE DRAWINGS IS WITHIN ONE (1") INCH. IN AREAS WHERE THE PROPOSED PROFILE GRADE LINE IS HIGHER THAN THE EXISTING GUTTER BOTTOM BY MORE THAN ONE (1") INCH, THE SURFACE OF THE EXISTING GUTTER BOTTOM OR ROLLING STRIP SHALL BE OVERLAID WITH ASPHALT SURFACING TO THE FACE OF THE CURB.
- 2.10 THE CONTRACTOR SHALL REMOVE ALL CULVERT PIPES IN DITCHES, METAL GRATES, AND ANY OTHER OBSTRUCTIONS THAT ARE WITHIN THE LIMITS OF THE PROPOSED ROADWAY. (NO DIRECT PAYMENT)
- 2.11 ALL SALVAGEABLE ROADWAY MATERIALS, AS DETERMINED BY THE ENGINEER SHALL BE DELIVERED TO THE APPROPRIATE LOCATION AS SHOWN BELOW, AND DOCUMENTED IN ACCORDANCE TO CNO REQUIREMENTS. (NO DIRECT PAYMENT)
- a) STONE CURB, COBBLESTONE, ETC. SHALL BE DELIVERED TO THE PUBLIC WORKS/MAINTENANCE YARD AT 838 SOUTH GENOIS STREET.
- b) STREET SIGNS, TRAFFIC CONTROL DEVICES (SIGNS & SIGNALS) TO THE PUBLIC WORKS/SIGN SHOP AT 2832 LAFITTE STREET.
- 2.12 WHENEVER REMOVAL OF EXISTING PAVEMENT SURFACING, CURB OR SIDEWALK IS REQUIRED IN CONJUNCTION WITH WATER SERVICE REPLACEMENT SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL VERIFY METER SERVICE LOCATION AND/OR FINAL WATER SERVICE ALIGNMENT PRIOR TO SAWCUTTING. CURBS SHALL BE STAMPED WITH A "W," TO DESIGNATE WATER SERVICE LINES, AS DEPICTED IN DWG NO 7134A-W. CURBS SHALL BE STAMPED WITH A "S," TO DESIGNATE SEWER SERVICE CONNECTIONS, AS DEPICTED IN DWG NO 6312-E5-A.
- 2.13 CONTRACTOR SHALL COORDINATE WITH OWNER OF PRIVATE UTILITIES FOR ADJUSTMENT OF VALVES, BOXES, METERS, CLEANOUTS AND OTHER MISCELLANEOUS STRUCTURES LOCATED WITHIN OR CONFLICTING WITH AREAS TO BE RECONSTRUCTED AND ACCOMMODATING ADJUSTMENTS SHALL BE AT NO DIRECT PAYMENT. ADJUSTMENT OF PUBLIC UTILITIES VALVES, BOXES, METERS, CLEANOUTS, MANHOLES AND OTHER MISCELLANEOUS STRUCTURES SHALL BE MADE AT NO DIRECT PAYMENT UNLESS SPECIFIED FOR PAYMENT UNDER RESPECTIVE ITEMS ON THE UNIT PRICE FORM.
- 2.14 UPON REQUEST, DPW RESERVES THE RIGHT TO REQUEST FROM THE CONTRACTOR UP TO 50% OF THE RECYCLED ASPHALT PAVEMENT (RAP). CONTRACTOR SHALL DELIVER RAP TO A LOCATION SPECIFIED BY THE DIRECTOR WITHIN A 30 MILE RADIUS OF OF PROJECT SITE AT NO DIRECT PAY.

3.0 DRIVEWAYS, SIDEWALKS, & INCIDENTAL PAVEMENT

- 3.1 ALL LEGAL DRIVEWAYS REMOVED SHALL BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
- 3.2 THE EXACT LIMITS OF REMOVAL AND REPLACEMENT OF DRIVEWAYS AND SIDEWALKS SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOT REMOVE ANY DRIVEWAY OR SIDEWALK WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- 3.3 AT INTERSECTIONS WHERE THE SIDEWALK PAVEMENT IS TO REMAIN, HANDICAPPED RAMPS SHALL BE INSTALLED BY SAW CUTTING AND REMOVING ONLY THAT PORTION OF SIDEWALK REQUIRED TO ALLOW FOR CONSTRUCTION OF THE HANDICAPPED RAMPS.
- 3.4 THE CONTRACTOR IS REQUIRED TO SAW CUT (1" MINIMUM DEPTH) SIDEWALKS, DRIVEWAYS, CURBS, CONCRETE PAVEMENT, TO INSURE A STRAIGHT LINE BETWEEN OLD AND NEW WORK.
- 3.5 ALL SIDEWALKS AND DRIVEWAYS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, WHICH IN THE OPINION OF THE ENGINEER ARE OUTSIDE THE LIMITS OF THE ROADWAY CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- 3.6 THE CONTRACTOR SHALL ADJUST THE ELEVATIONS OF THE NEW SIDEWALKS SO AS TO ALLOW DRAINAGE AWAY FROM THE PROPERTY AT ALL TIMES. SIDEWALK ELEVATIONS MAY BE ADJUSTED TO ALLOW DRAINAGE THROUGH DRIVEWAYS WITH DEPRESSED CURBS, UPON ENGINEER APPROVAL.
- 3.7 PAYMENT FOR EXCAVATION ASSOCIATED WITH CONSTRUCTION OF NEW SIDEWALKS, DRIVEWAYS, FOOTLAPS, AND HANDICAP RAMPS SHALL BE INCLUDED IN THE RESPECTIVE ITEM.
- 3.8 PAYMENT FOR GRADING OF FILL MATERIAL BETWEEN BACK OF CURB AND SIDEWALK SHALL BE INCLUDED IN THE RESPECTIVE ITEM.
- 3.9 CONTRACTOR SHALL OBSERVE ALLOWABLE TIME LIMITS OF OPEN ROADWAY PAVEMENTS AND SIDEWALKS, AND MAINTAIN PEDESTRIAN SAFETY, AS SPECIFIED IN GENERAL SPECIFICATIONS C724.04, C706.01, AND C706.02.
- 3.10 CRUSHED STONE OR CRUSHED CONCRETE USED FOR TEMPORARY SURFACING OF UTILITY TRENCHES, DRIVEWAYS, AND ROADWAYS BEFORE PAVING, INCLUDING THE COST OF MATERIALS, LABOR, AND EQUIPMENT SHALL BE PROVIDED AND PLACED AT NO DIRECT PAY.

4.0 UTILITIES

- 4.1 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE STARTING CONSTRUCTION. THE DEPARTMENT OF PUBLIC WORKS IS NOT RESPONSIBLE FOR ACCURACY OF THE LOCATION OF THESE UTILITIES SHOWN ON THE PLANS. THE CONTRACTOR IS CAUTIONED THAT MANY OF THE UNDERGROUND UTILITY PIPES, LINES, CONDUITS, CABLES, ETC., ARE LOCATED IMMEDIATELY BELOW THE EXISTING GRADE.

- 4.2 EXISTING POWER POLES SHALL BE RELOCATED BY OWNER AFTER THE CURB LINE HAS BEEN STAKED OUT IN THE FIELD FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE RESPECTIVE UTILITY COMPANIES FOR THE REMOVAL OR RELOCATION OF THE EXISTING UTILITIES WHICH INTERFERE WITH THE WORK.
- 4.3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION AND SHALL IMMEDIATELY REPORT ANY DAMAGE TO THE UTILITY ENTITIES. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY, EXCEPT S&WB POWER FEEDER, WHICH SHALL BE REPAIRED BY THE CONTRACTOR. ALL REPAIR COSTS SHALL BE BORNE BY THE CONTRACTOR.
- 4.4 ALL PRIVATELY OWNED UTILITY MANHOLES AND OTHER STRUCTURES WILL BE ADJUSTED BY THE UTILITY COMPANIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY COMPANIES AND REQUEST THE NECESSARY ADJUSTMENTS. THE ABOVE REQUEST SHALL BE MADE AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION IN AREA OF CONFLICT TO ALLOW THE REQUIRED UTILITY COMPANY SUFFICIENT TIME FOR PERFORMING THE WORK.

5.0 SEWERAGE & WATER BOARD ITEMS

- 5.1 ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE CURRENT GENERAL SPECIFICATIONS; DRAWING NUMBERS 7260-S, 7260-W & 7260-D; AND THE STANDARD DRAWINGS OF THE S&WB OF NEW ORLEANS, LOUISIANA EXCEPT WHERE OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.
- 5.2 THE LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE SAME AND SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT THEM.
- 5.3 THE CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING INVERTS THAT ARE A PART OF THIS JOB. PRIOR TO INSTALLING NEW UTILITY, CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 5.4 ALL CHANGES FROM THESE DRAWINGS MUST BE APPROVED BY THE S&WB PRIOR TO BEGINNING THE CONSTRUCTION WITH WHICH THEY ARE CONCERNED.
- 5.5 THE CONTRACTOR SHALL NOTIFY THE CHIEF OF ENGINEERING OF THE S&WB IN WRITING NOT LESS THAN THREE (3) OR MORE THAN TEN (10) WORKING DAYS IN ADVANCE OF STARTING THE CONSTRUCTION.
- 5.6 FINAL ACCEPTANCE OF THE SYSTEM WILL BE SUBJECT TO A ONE (1) YEAR MAINTENANCE PERIOD FOLLOWING ACCEPTANCE OF THE PROJECT BY THE S&WB. BEFORE FINAL INSPECTION OF THE WORK, THE CONTRACTOR SHALL SUBMIT AN "AS-BUILT" DRAWING TO THE S&WB SHOWING CHANGES IN LINE OR GRADE FROM THE ORIGINAL DRAWINGS, AND THE LOCATION AND DEPTH OF ALL HOUSE CONNECTIONS AS PER S&WB REQUIREMENTS.
- 5.7 IN CASE OF CONFLICT BETWEEN THE NEW DRAIN LINES AND THE SEWER HOUSE CONNECTIONS, THE CONTRACTOR SHALL ADJUST THE SEWER HOUSE CONNECTIONS TO AVOID THE CONFLICTS. ALL APPLICABLE S&WB SPECIFICATIONS AND GUIDELINES SHALL BE FOLLOWED BY THE CONTRACTOR DURING THESE ADJUSTMENTS.
- 5.8 ALL NEW MANHOLES, CATCH BASINS, AND DROP INLETS, SHALL BE PLACED ON A 6" LAYER OF CRUSHED STONE OR APPROVED EQUAL (NO DIRECT PAYMENT)
- 5.9 THE INSTALLATION OF THE WATER MAINS CLOSER TO A SEWER HAS BEEN DESIGNED TO BE LAID IN A SEPARATE TRENCH LOCATED ON ONE SIDE OF THE SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE GRAVITY SEWER.
- 5.10 THE CONTRACTOR IS HEREBY ADVISED THAT CONTINUOUS OPERATION OF THE DRAINAGE, SEWER AND WATER SYSTEMS ARE VITAL TO THE HEALTH, SAFETY AND WELFARE OF THE CITY OF NEW ORLEANS. THE CONTRACTOR SHALL PERFORM NO WORK OR CAUSE ANY SYSTEM OUTAGE WHICH MAY JEOPARDIZE THE OPERATION OF THE DRAINAGE, SEWER AND WATER SYSTEM. AS SUCH, THE SWBNO POWER DISPATCHER ON DUTY WILL HAVE FULL AUTHORITY TO DENY ANY NEW OUTAGE REQUESTS OR REQUIRE THE RETURN INTO SERVICE, ANY SWBNO POWER CABLES, WHICH MAY DELAY THE PROGRESS OF THE WORK.
- 5.11 FEEDER OUTAGES ARE REQUIRED FOR SAFETY OF THE PERSONNEL AND EQUIPMENT IN ANY AREAS WHERE THE NEW CONSTRUCTION COMES WITHIN 10 FEET OF SWBNO UNDERGROUND OR AERIAL MEDIUM VOLTAGE POWER CABLES. CONTRACTOR SHALL COORDINATE HIS WORK LEADING UP TO AND DURING SAID OUTAGE WITH THE BOARD ENGINEER, MR. CELSO ANTUNEZ, WHO SHALL BE GIVEN 48 HOURS MINIMUM ADVANCED NOTICE OF HIS DESIRE TO SCHEDULE AN OUTAGE AND SHALL ABIDE BY THE PARTICULAR CAUTIONS, REQUIREMENTS AND POSSIBLE RESTRICTIONS SET BY THE BOARD ENGINEER.
- 5.12 THE CONTRACTOR SHALL COORDINATE HIS WORK LEADING UP TO AND DURING SAID OUTAGES WITH THE SWBNO POWER DISPATCHER AT (504) 865-0575, ONLY AFTER CONTACTING MR. CELSO ANTUNEZ AT (504) 583-0263 OR (504) 865-0456, WHO SHALL BE GIVEN 48 HOURS MINIMUM ADVANCED NOTICE. SPECIAL PERMISSION MUST BE GRANTED FOR FEEDERS TO BE LEFT DE-ENERGIZED FOR MORE THAN AN EIGHT HOUR WORKDAY.
- 5.13 THE CONTRACTOR IS REQUIRED TO CONTACT IMMEDIATELY VIA PHONE CALL, THE BOARD ENGINEER, IF ANY EXISTING SWBNO CABLES ARE DAMAGED OR ASSUMED DAMAGED IN CONNECTION WITH THIS PROJECT. THE BOARD WILL HAVE TO INSPECT THE DAMAGES TO DETERMINE SPECIFIC APPROVED REPAIR METHODS AND PARTS. THE CONTRACTOR IS REQUIRED TO PAY FOR ALL CABLE REPAIRS AS A DIRECT RESULT OF THE WORK PERFORM UNDER THIS PROJECT.

6.0 DRAIN LINES

- 6.1 THE COST FOR DRAINAGE EXCAVATION, BEDDING MATERIAL, SHEETING, BRACING, BACK FILLING, GRADING, AND HAULING AWAY SURPLUS MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE FOR DRAINAGE PIPES BEING INSTALLED.
- 6.2A ALL EXISTING HOUSE CONNECTIONS ARE TO BE RECONNECTED TO NEW DRAIN LINES WITH 6" PVC DRAIN LINE. THE HOUSE CONNECTIONS WILL BE ATTACHED TO NEW RCP BY DRILLING THE RCP (NO 7.2A TAPPING WILL BE ALLOWED) AND USING A RUBBER BOOT OR SAND-IMPREGNATED PVC BELL TO CONNECT TO THE NEW PVC PIPE. AN ALTERNATE METHOD COULD UTILIZE AN RCP TEE IN THE MAIN LINE WITH A RUBBER BOOT (I.E. KOR-N-SEAL BOOT, OR APPROVED EQUAL) TO CONNECT THE 6" PVC TO THE LATERAL STUB OF THE TEE.
- 6.2B IN LIEU OF THE ABOVE, AN ALTERNATIVE METHOD MAY BE UTILIZED BY TYING THE 6" DRAIN HOSE CONNECTIONS INTO AN 8" COLLECTOR LINE LOCATED BEHIND THE CURB AND TIED INTO THE CATCH BASINS. TO BE INSTALLED AS DIRECTED BY THE D.P.W. REPRESENTATIVE. NO 90 DEGREE BENDS WILL BE ALLOWED IN DRAIN HOUSE CONNECTION PIPES.
- 6.3 ON DRAIN POINT REPAIRS, NO BRICK OR CONCRETE COLLARS WILL BE ALLOWED.
- 6.4 FOR ALL DRAIN REPAIRS, THE CONNECTION OF ANY TWO DISSIMILAR MATERIALS SHALL BE ACCOMPLISHED BY INSTALLATION OF A "NO-HUB" COUPLING CONSISTING OF A NEOPRENE SLEEVE AND BUSHING ADAPTER, TWO STAINLESS STEEL BANDS, AND STAINLESS STEEL SCREWS. THE COUPLING SHALL BE MANUFACTURED IN STRICT ACCORDANCE WITH THE CAST IRON SOIL PIPE INSTITUTE SPECIFICATIONS C301, LATEST REVISION, AS MANUFACTURED BY TYLER CLAY PRODUCTS CORP., FERNCO, OR APPROVED EQUAL. DRAIN LINES INDICATED FOR REMOVAL WILL BE REMOVED AND DISPOSED IN A PROPER MANNER. THE CONTRACTOR SHALL BACKFILL THE RESULTING VOID WITH APPROVED COMPACTED BACKFILL MATERIAL AT NO DIRECT PAY. MANHOLES AND CATCH BASINS INDICATED TO BE ABANDONED IN PLACE, SHALL BE REMOVED TO THREE (3) FEET BELOW GRADE AND THEN PLUGGED AND FILLED WITH SAND.
- 6.5 THERE WILL BE NO DIRECT PAYMENT FOR TIE-IN NEW OR EXISTING LINES TO ANY MANHOLES.
- 7.0 HORTICULTURE REQUIREMENTS
- 7.1 THE CONTRACTOR SHALL COMPLY WITH ALL "HORTICULTURE REQUIREMENTS" SPECIFIED BY THE DEPARTMENT OF PARKS & PARKWAYS. HORTICULTURE CONSTRUCTION CONFLICTS OBSERVED DURING CONSTRUCTION LAYOUT SHALL BE PROVIDED TO ENGINEER OF RECORD TO ASSESS PROJECT IMPACT. CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION, WITH JUSTIFICATION FOR PROPOSED CHANGE.
- 7.2 THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PARKWAYS & PARKS PRIOR TO REPLACING ANY UTILITY LINES LOCATED NEAR TREES. IF NECESSARY THE CONTRACTOR SHALL SHORE THE AREA NEAR TREES, USE ROOT GUARDS, AND OTHER PRECAUTIONS NECESSARY TO PROTECT THE TREES.
- 7.3 ALL TREE REMOVALS, BRANCH PRUNING, OR ROOT CUTTING, SHALL BE PERFORMED BY A LICENSED ARBORIST, APPROVED BY THE DEPARTMENT OF PARKWAYS & PARKS.
- 7.4 ALL TREE GRATES, ETC., SHALL BE DELIVERED TO THE DEPARTMENT OF PARKWAYS & PARKS NURSERY AT 2829 GENTILLY BLVD. (NO DIRECT PAYMENT)
- 7.5 ALL EXISTING TREES, SHRUBS, AND VEGETATION DISTURBED BY THE CONTRACTOR'S OPERATION, SHALL BE REPLACED IN-KIND OR REPAIRED AT NO DIRECT PAY.
- 7.6 THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS PRIOR TO TRIMMING ANY TREES LOCATED ON PRIVATE PROPERTY.
- 7.7 ALL HOUSE CONNECTIONS AND CURBS WHICH ARE LOCATED WITHIN THE TREE DRIP LINES SHALL BE AIR SPADED AT NO DIRECT PAY, NO MECHANICAL TRENCHING WILL BE ALLOWED. ARBORIST MUST BE PRESENT DURING EXCAVATION.
- 7.8 THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL GREEN SPACES THAT ARE DISTURBED BY CONSTRUCTION TO ITS PRE-EXISTING CONDITIONS. (NO DIRECT PAYMENT) SEEDING AND SODDING SHALL COMPLY WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS SECTION C717 AND SECTION C714 RESPECTIVELY.

8.0 TRAFFIC CONTROL

- 8.1 PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY TRAFFIC ENGINEER FOR REVIEW AND APPROVAL A COMPLETE CONSTRUCTION SIGNAGE, TRAFFIC MAINTENANCE, AND PUBLIC SAFETY PLAN, PER SECTION C129 OF THE GENERAL SPECIFICATIONS, WHICH, AT A MINIMUM, INCLUDE THE FOLLOWING:

- a. A SIGN INVENTORY - A LIST OF ALL EXISTING TRAFFIC CONTROL DEVICES (SIGNS, SIGNALS, RAISED MARKERS, PAVEMENT MARKINGS, ETC.) ACCURATELY LOCATED ON THE PLANS (NO DIRECT PAY).
- b. A PLAN FOR THE PROPOSED ROUTE ON WHICH CONSTRUCTION MATERIALS AND EQUIPMENT ARE TO BE TRANSPORTED TO OR FROM THE CONSTRUCTION SITE.
- c. A DETOUR PLAN SHOWING PROPOSED ROUTES FOR LOCAL AND TRANSIENT TRAFFIC ON WHICH LOCATIONS OF DETOUR TRAFFIC CONTROL DEVICES AND CONSTRUCTION ZONE OR WORK ZONE TRAFFIC CONTROL DEVICES ARE SHOWN. TRAFFIC CONTROL DEVICE APPLICATIONS AND METHODS SHALL BE IN COMPLIANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- d. THE NAME AND TELEPHONE NUMBER OF THE RESPONSIBLE PERSON IN CHARGE OF THE PROJECT.
- e. TRAFFIC CONTROL PLAN SHALL BE PROVIDED TO IDENTIFY ALL INTERSECTION AND ROADWAY DETOURS AND CLOSURES. ALL DETOURS AND CLOSURES MUST BE REVIEWED AND APPROVED BY THE DIRECTOR OR CHIEF TRAFFIC ENGINEER.
- f. TRAFFIC CONTROL PLANS MUST BE PROVIDED TO DEPARTMENT OF PARKS AND PARKWAYS, WHEN TREE CANOPIES ARE TO BE DISTURBED. CONTRACTOR SHALL OBTAIN PERMIT FROM PARKS AND PARKWAYS AT LEAST 7 BUSINESS DAYS PRIOR TO TREE TRIMMING, TO BE PERFORMED BY A LOUISIANA LICENSED ARBORIST.

- 8.2 THE CONTRACTOR SHALL SEEK APPROVAL OF THE CITY TRAFFIC ENGINEER FOR ANY TRAFFIC RELATED PLAN CHANGE, INCLUDING REMOVAL, RELOCATION OR ADDITION OF TRAFFIC CONTROL DEVICES BEFORE OR DURING THE COURSE OF CONSTRUCTION.
- 8.3 ALL EXISTING TRAFFIC CONTROL DEVICES THAT ARE IN CONFLICT WITH THE CONSTRUCTION OR WORK ZONE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED BY THE CONTRACTOR, AND THE REMOVED DEVICES RETURNED TO THE CITY SIGNAL SHOP OR SIGN SHOP AT 2832 LAFITTE STREET. ALL EXISTING DEVICES LEFT IN THE CONSTRUCTION OR WORK ZONE SHALL BE MAINTAINED IN GOOD CONDITION BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION.
- 8.4 ALL REMOVED TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL POSITON AND ORIENTATION BY THE CONTRACTOR PRIOR TO THE TIME OF FINAL INSPECTION.
- 8.5 ALL TRAFFIC CONTROL DEVICES AND ASSOCIATED HARDWARE (SIGNS, SIGNALS, CONDUITS, CABLES, MARKINGS, ETC.) REMOVED OR DAMAGED DURING THE EXECUTION OF THIS CONTRACT, OTHER THAN AS PROVIDED FOR IN THIS CONTRACT SHALL BE REPLACED AT NO COST TO THE CITY.
- 8.6 ANY DAMAGE CAUSED BY THE CONTRACTOR'S WORK SHALL BE IMMEDIATELY REPORTED BY THE CONTRACTOR TO THE CITY TRAFFIC ENGINEER. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR OR BY CITY FORCES, AT THE DISCRETION OF THE CITY TRAFFIC ENGINEER, WITH ALL ASSOCIATED COSTS BEING PAID BY THE CONTRACTOR.
- 8.7 THE CONTRACTOR SHALL CONTACT THE CITY'S TRAFFIC SIGNAL SHOP THROUGH THE TRAFFIC ENGINEERING DIVISION (504-658-8040) PRIOR TO THE START OF THE JOB FOR TRAFFIC SIGNAL UTILITY MARKINGS AND COORDINATION.

9.0 GENERAL

- 9.1 CONTRACTOR IS TO NOTIFY RESIDENTS OF CONSTRUCTION A MINIMUM OF ONE WEEK PRIOR TO START OF CONSTRUCTION.
- 9.2 CONTRACTOR SHALL TAKE REASONABLE MEASURES TO AVOID UNNECESSARY NOISE APPROPRIATE FOR THE AMBIENT SOUND LEVELS IN THE AREA DURING WORKING HOURS. ALL CONSTRUCTION MACHINERY AND VEHICLES SHALL BE EQUIPPED WITH PRACTICAL SOUND MUFFLING DEVICES, AND OPERATED IN A MANNER TO CAUSE THE LEAST NOISE, CONSISTENT WITH EFFICIENT PERFORMANCE OF THE WORK.
- 9.3 CONTRACTOR SHALL TAKE REASONABLE MEASURES TO AVOID UNNECESSARY DUST. SURFACES SUBJECT TO CREATING DUST SHALL BE KEPT MOIST WITH WATER OR BY APPLICATION OF CHEMICAL DUST SUPPRESSANT. DUSTY MATERIAL IN PILES OR IN TRANSIT SHALL BE COVERED TO PREVENT BLOWING.
- 9.4 CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST THREE (3) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION AROUND THEIR RESPECTIVE UTILITIES:

a) S&WB:	INSPECTION:	MR. KYLE BREAUx	(504) 301-5612
	ELECTRICAL ENGINEERS:	MR. CELSO ANTUNEZ	(504) 583-0263
b) DEPARTMENT OF PUBLIC WORKS:	MAINTENANCE:	MR. JEROME CASBY	(504) 658-8150
	TRAFFIC:	MR. ALLEN YRLE	(504) 658-8050
	ENGINEERING:	MR. NGUYEN PHAN	(504) 658-8030
	STREET LIGHTING:	MR. JORDAN HELVESTON	(504) 658-8067
c) ENTERGY:	ELECTRICAL:	MR. DARREN DEHESA	(504) 595-3822
	GAS:	MR. WILLIAM ARMSTRONG	(504) 595-3855
	AFTER HOURS		1-800-368-3749
d) AT&T:		MR. STEPHEN BERGERON	(504) 705-5209
e) COX CABLE:		MR. DENNIS LACOMBE	(504) 358-6079
f) DEPARTMENT OF PARKS & PARKWAYS:	CHIEF LANDSCAPE ARCHITECT:	MR. DANIEL McELMURRAY	(504) 658-3225
	CHIEF URBAN FORESTER:	MR. DOUGLAS ROBICHEAUX	(504) 658-3224
g) LOUISIANA ONE CALL:			1-800-272-3020
h) HISTORIC PRESERVATION SPECIALIST		MR. PHILIP GILMORE	(504) 658-8698
i) ARCHEOLOGIST		MR. MICHAEL GODZINSKI	(504) 658-8632

- 9.5 CONTRACTOR SHALL DEVELOP AND SUBMIT SITE-SPECIFIC SAFETY AND HEALTH PLAN, TO INCLUDE SAFE WORK PRACTICES FOR REVIEW.

LEGEND

	EXISTING (FINE LINE)		
	NEW CONSTRUCTION (BROAD LINE)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF ASPHALT ROADWAY CNO DPW (ANSI 131)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF ASPHALT ROADWAY SWBNO (ANSI 131)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY CNO DPW (ANSI 131/HEX)		
	REQUIRED REMOVAL AND/OR PLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY SWBNO (ANSI 131/TRIANG)		
	REQUIRED COLD MILL/COLD PLANING AND PLACEMENT OF ASPHALT SURFACE COURSE CNO DPW (ANSI 133)		
	REQUIRED COLD MILL/COLD PLANING AND PLACEMENT OF ASPHALT SURFACE COURSE SWBNO (ANSI 133)		
	REQUIRED REMOVAL AND PLACEMENT OF ASPHALT OR CONCRETE ROADWAY FOR SWBNO ESSA		
	REMOVE/CONSTRUCT BARRIER CURB		
	REMOVE/CONSTRUCT MOUNTABLE CURB		
	REMOVE/CONSTRUCT TIMBER CURB		
	BRIDGE		HEDGE
	RAILROAD		BUILDING
	LEVEE		CULVERT
	FENCE LINE		BASE LINE
	TREE		EXISTING RIGHT OF WAY
			CENTER LINE

LEGEND (CONT.)

UNDERGROUND PIPING MUST BE SHOWN AS A SINGLE LINE WHEN PIPE SIZES ARE LESS THAN 36" FOR DRAINS & 12" FOR SEWER, WATER & GAS. DOUBLE LINES WHEN SIZES ARE / OR EXCEEDS 36" FOR DRAINS, 12" FOR SEWER, WATER & GAS

	D12" EXISTING DRAIN LINE		D36" 36"ø & UP
	D12" PROPOSED DRAINLINE		D36" 36"ø & UP
	S8" EXISTING SEWER		S12" 12"ø & UP
	S8" PROPOSED SEWER		S12" 12"ø & UP
	W8" EXISTING WATER		W12" 12"ø & UP
	W8" PROPOSED WATER		W12" 12"ø & UP
	G2" EXIST GAS		G12" 12"ø & UP
	G8" PROPOSED GAS		G12" 12"ø & UP
	UGT— UNDERGROUND TELEPHONE CABLE		
	UGE— UNDERGROUND ELECTRIC LINE (SPECIFY S&WB OR OTHER)		
	TV— UNDERGROUND TELEVISION CABLE		

	PROPOSED VERTICAL CATCH BASIN (VCB)
	PROPOSED MOUNTABLE CATCH BASIN (MCB)
	PROPOSED MANHOLE (MH)
	EXISTING CATCH BASIN (EXISTCB)
	DROP INLET EXISTING/PROPOSED (DI)
	WATER VALVE/MANHOLE (CIRCULAR)(WVWC)
	WATER VALVE/MANHOLE (RECTANGULAR)(WVMR)

	DRAIN MANHOLE (DRAINMH)
	SEWER MANHOLE (SEWERMH)
	WATER MANHOLE (WATERMH)
	GAS MANHOLE (GASMH)
	TRAFFIC MANHOLE (TRMH)
	TELEPHONE MANHOLE (TELMH)
	TELEGRAPH MANHOLE (TGMH)
	ELECTRIC MANHOLE (ELEC MH)
	TRASH RECEPTACLE (SUB-SURFACE) (TRASH)
	UTILITY VALVE (UV)
	WATER METER (WM)
	RESIDENTIAL MAIL BOX (RMB)
	TELEPHONE INTERFACE BOX (TIB)
	CLEAN OUT FOR SEWER (COS)
	CLEANOUT FOR DRAIN (COD)
	CABLE TV BOX (TVB)
	TRAFFIC SIGNAL BOX (TSB)

	TRAFFIC CONTROL BOX (TCB)		TRAFFIC SIGN (TS)
	UTILITY POLE (UP)		IRON PIPE OR IRON ROD (IP)
	GUY POLE (GP)		CROSS CUT IN CONCRETE (CROSS)
	GUY WIRE & ANCHOR (GWA)		REMOVE EXIST. DRAIN LINE
	POWER POLE (PP)		REMOVE EXIST. MANHOLE (SEWER, DRAIN OR WATER)
	EXISTING CURB (SPECIFY TYPE)		ADJ. ADJUSTMENT
	LIGHT STANDARD (LS)		T.T. TREE TRIMMING
	TRAFFIC SIGNAL STANDARD (TSS)		R.P. ROOT PRUNING
	EXISTING FIRE HYDRANT (EFH)		WATER METER/MANHOLE
	PROPOSED FIRE HYDRANT (PFH)		

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
GENERAL NOTES			
OR, DK			
TRC, DK			
CK, RI			
AP			
SCALE:			
DATE: 7/29/2025			
SET NO.		SHEET NO. 2 OF 22	



	A	B	C	D	E	F	G	H	J	K	L	M
9												
8												
7												
6												
5												
4												
3												
2												
1												
	A	B	C	D	E	F	G	H	J	K	L	M



Std. Spec.	DESCRIPTION OF ITEM	Unit	Total Qty.
C202(52)(C)	REMOVAL AND DISPOSAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT	SY	309
C202(52)D	REMOVAL AND DISPOSAL OF EXISTING SIDEWALK, DRIVEWAY, FOOT LAP (CONCRETE, BRICK, ASPHALT, ETC.)	SY	7
C202(52)(E)	REMOVAL AND DISPOSAL OF EXISTING CURB (CONCRETE, ASPHALT, BRICK, ETC.)	LF	84
C202(52)(I)	REMOVAL AND DISPOSAL OF EXISTING ASPHALTIC CONCRETE PAVEMENT	SY	301
C203(51)	ROADWAY EXCAVATION	CY	108
C203(59)	GEOTEXTILE FABRIC FOR STABILIZATION	SY	983
C203(60)	GEOGRID	SY	447
C302(51)	BASE COURSE	CY	108
C502(53)-1	SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (2" THICK)	SY	301
C502(53)-2	SUPERPAVE ASPHALTIC CONCRETE BINDER COURSE (5" THICK)	SY	301
C601(54)	REINFORCED CONCRETE PAVEMENT (8" THICK)	SY	309
C706(51)(A)	CONCRETE SIDEWALK (4" THICK)	SY	7
C707(56)	6" CONCRETE BARRIER CURB WITH DOWELS	LF	170
C714(51)	SODDING	SY	126
C742(52)(F)	NEW 16" PLUG VALVE FOR SEWER	EA	2
C742(74)	NEW SEWER VALVE MANHOLE (48")	EA	3
C741(78)	PLUG EXISTING 16" SEWER MAIN AND FILL WITH FLOWABLE MATERIAL (SAND/CEMENT MIXTURE)	LF	2200
C742(62)	REPLACE EXIST. SEWER H.C. FROM NEW MAIN TO BACK OF CURB	EA	1
C742(63)	REPLACE EXIST. SEWER H.C. BEYOND BACK OF CURB	LF	10
CF-3	SAW CUT CONCRETE CURB, PAVEMENT, SIDEWALK, DRIVEWAY, ETC. ACCORDING TO PLANS ("DEPTH)	LF	147
CF-10	ROOT PRUNING	EA	1
C702(53)M	NO. 1 STANDARD CATCH BASIN	EA	1
C742(51)(16)(D)	INSTALL 16" HDPE SEWER FORCE MAIN	LF	281
C742(51)(16)(D)HDD	INSTALL 16" HDPE SEWER FORCE MAIN VIA HDD	LF	1848
C742(51)(16)(REM)	REMOVE EXISTING SEWER FORCE MAIN PIPE	LF	28
C701(53)E	12" REINFORCED CONCRETE PIPE	LF	7
CS-01	REMOVE AND REPLACE FENCING (MATCH-IN-KIND)	LF	30
C742(51)	AIR RELEASE VALVE	EA	1
C741(72)(F-01)	16" SEWER FORCE MAIN OFFSET	EA	1
EX-1	EXPLORATORY EXCAVATION	EA	3
C728(51)	JACK OR BORED PIPE (CASING 24", STEEL, B, 0.375")	LF	139
C742(55)	INSTALL SEWER MANHOLE	VF	10

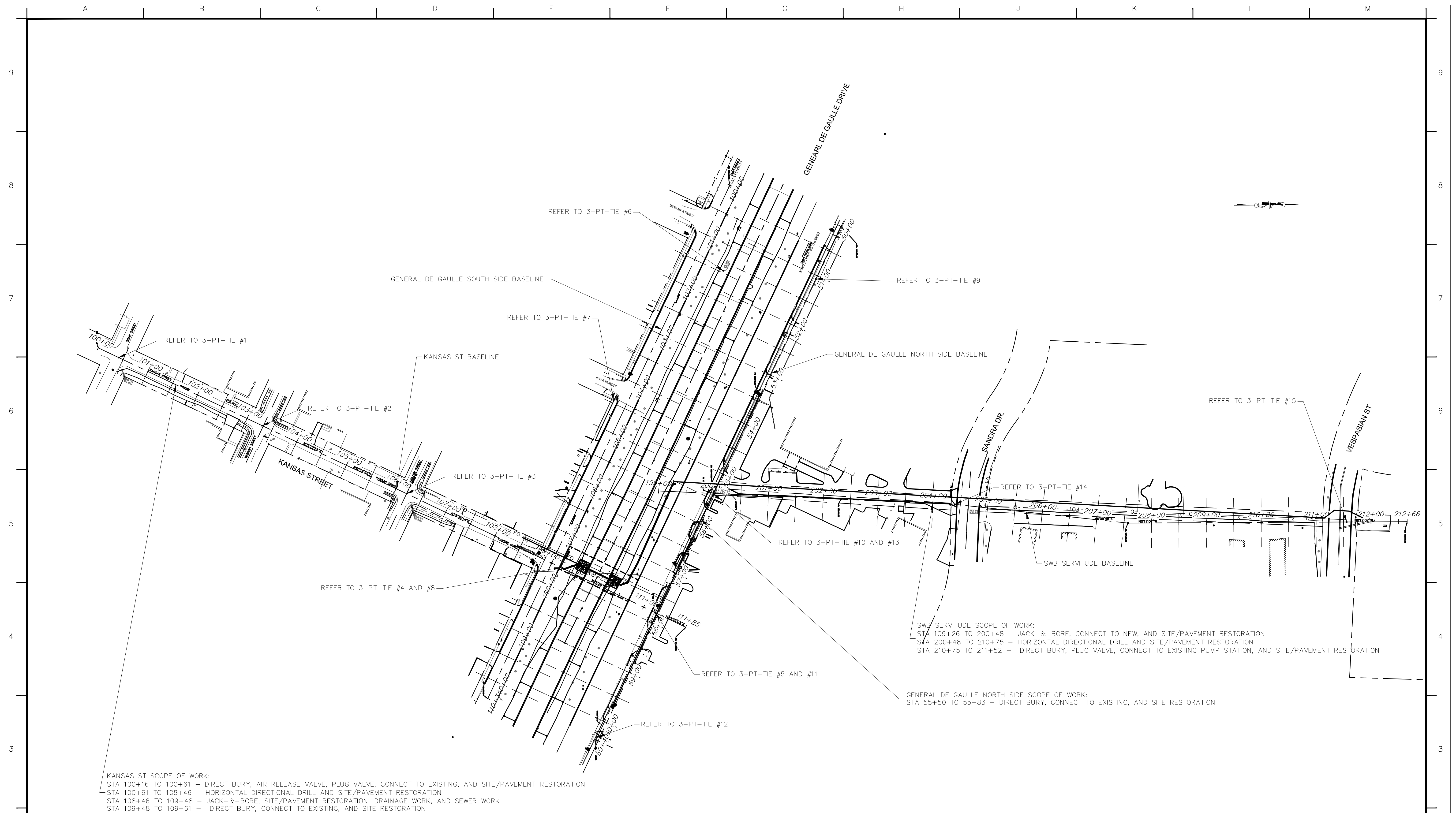
REV.	11/09/2025	ADDENDUM 1	DESCRIPTION
DR.	DK	PLK	BY
TRC.	DK		
CK.	RI		
AP.			
SCALE:			
DATE:	7/29/2025	SET NO.	SHEET NO. 3 OF 22


SEWERAGE AND WATER BOARD  
OF NEW ORLEANS

CONTRACT 30200  
KANSAS STREET SEWER FORCE MAIN  
REPLACEMENT PROJECT

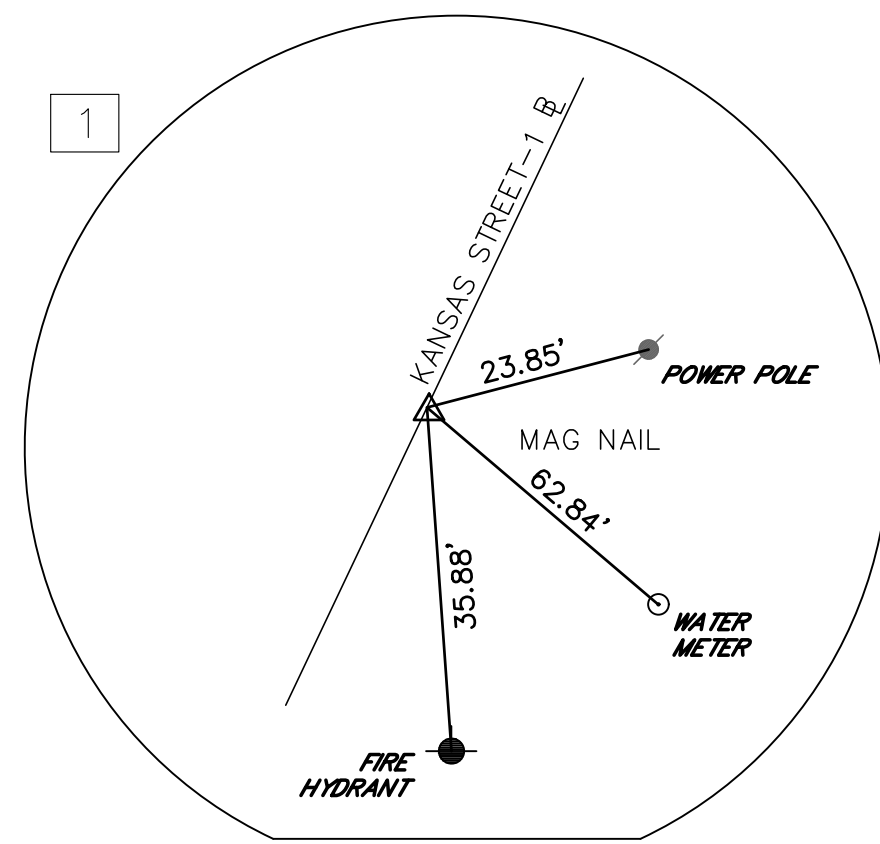
SUMMARY OF QUANTITIES

DWG. NO. 8596-S

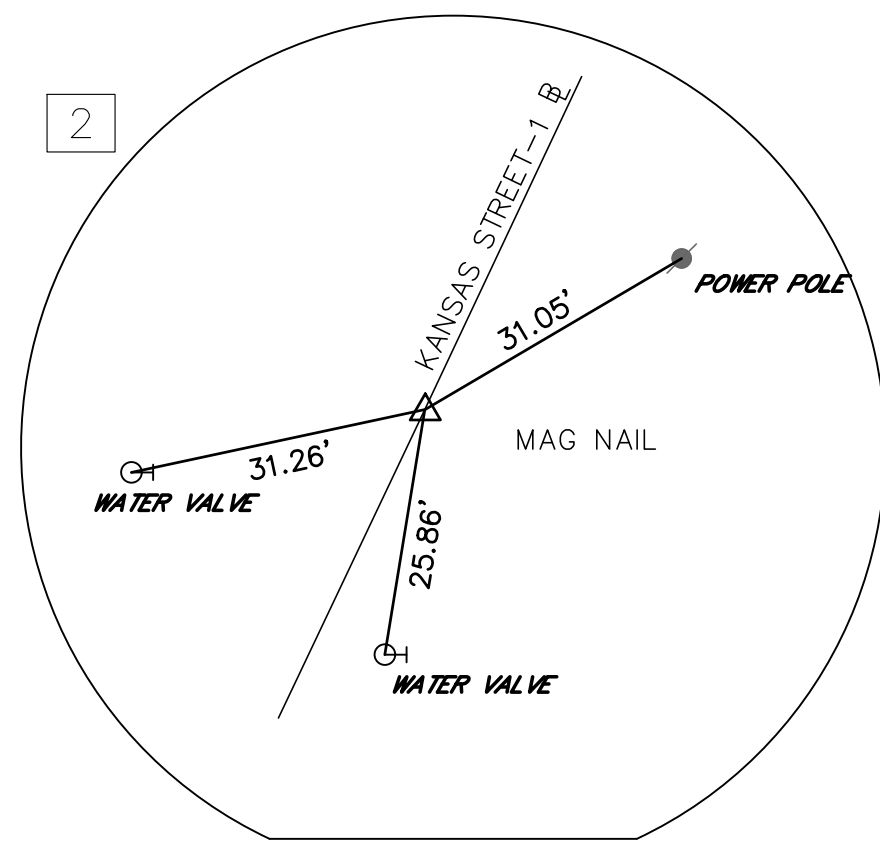


1	11/25/2025	ADDENDUM 1	DLK
REV.	DATE	DESCRIPTION	BY
<p align="center"><b>SEWERAGE AND WATER BOARD OF NEW ORLEANS</b></p> <p align="center"><b>CONTRACT 30200</b></p> <p align="center"><b>KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT</b></p>			
<p align="center">PROJECT OVERVIEW</p>			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE:	<p align="center"><b>DWG. NO. 8596-S</b></p>		
DATE: 07/29/2025	SET NO.	<p align="center">SHEET NO. 4 OF 22</p>	

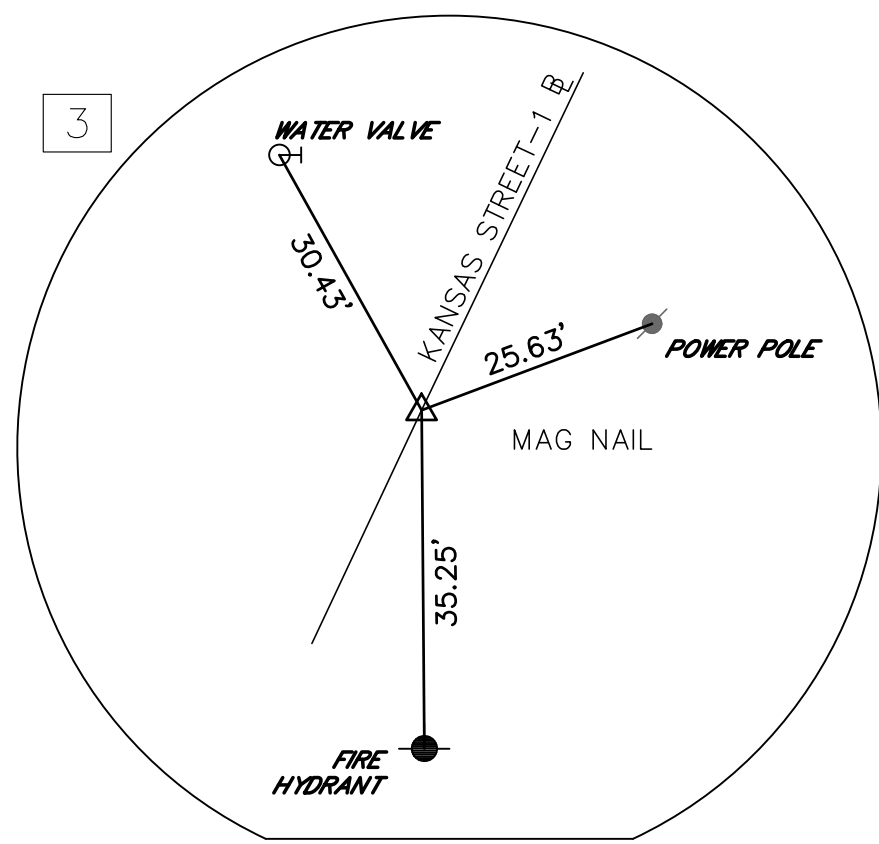




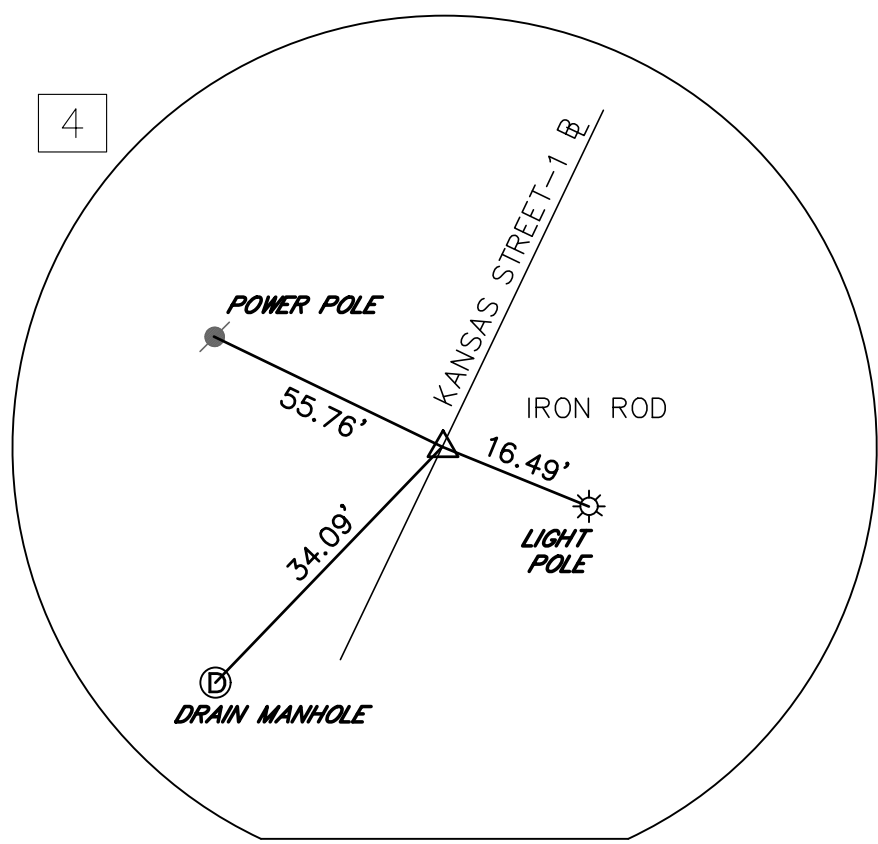
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N.T.S.



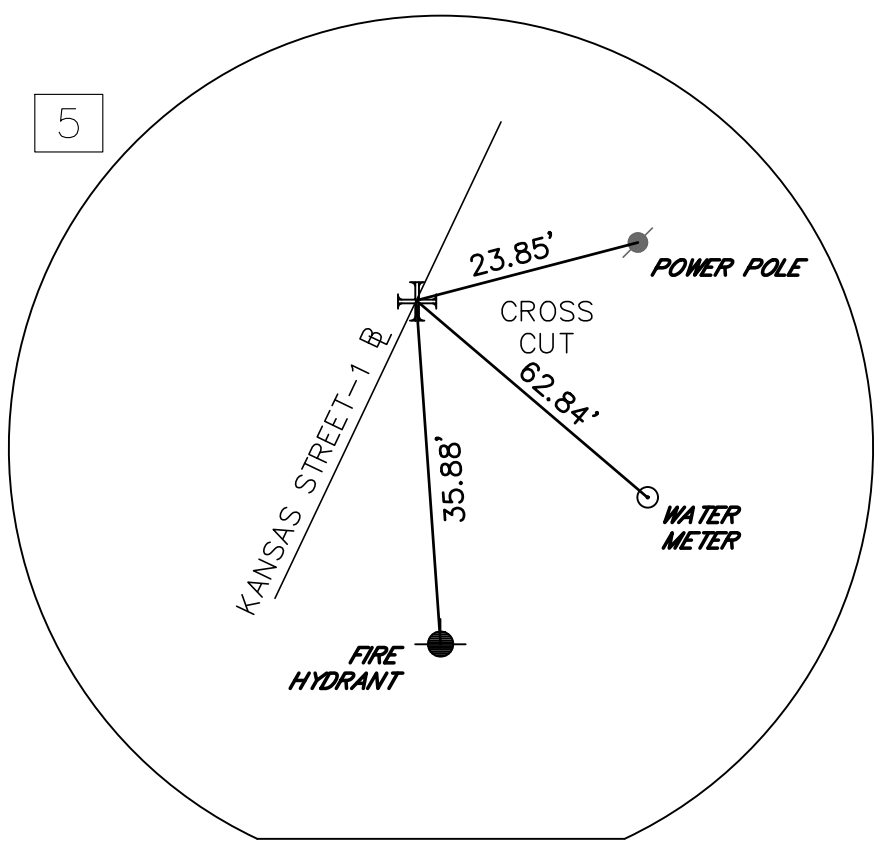
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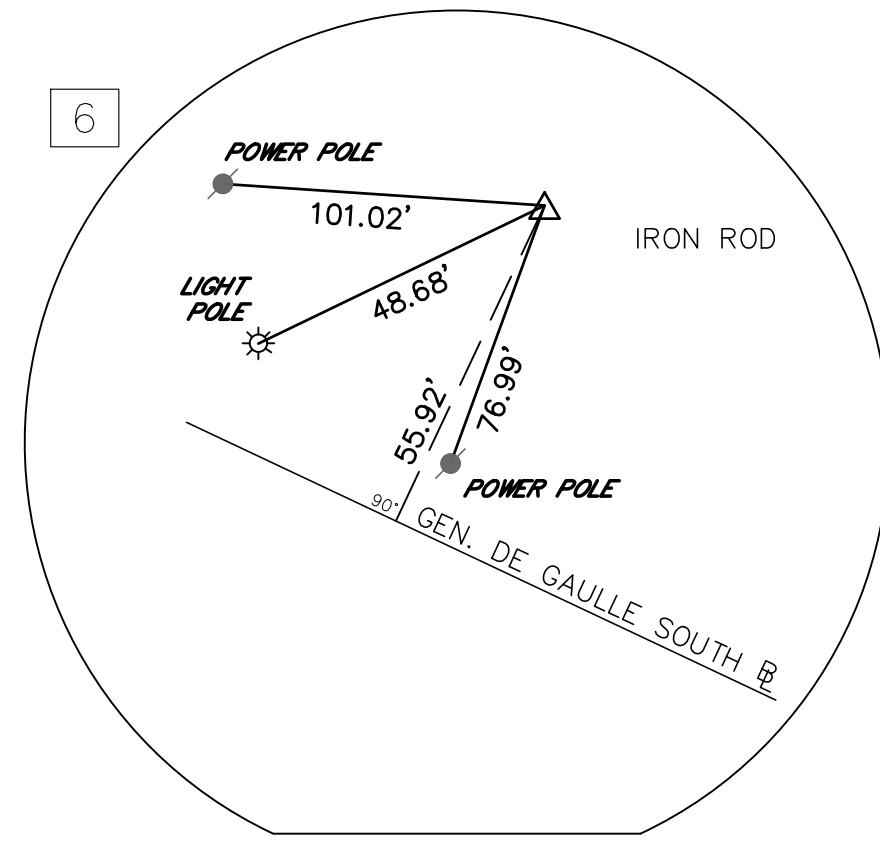
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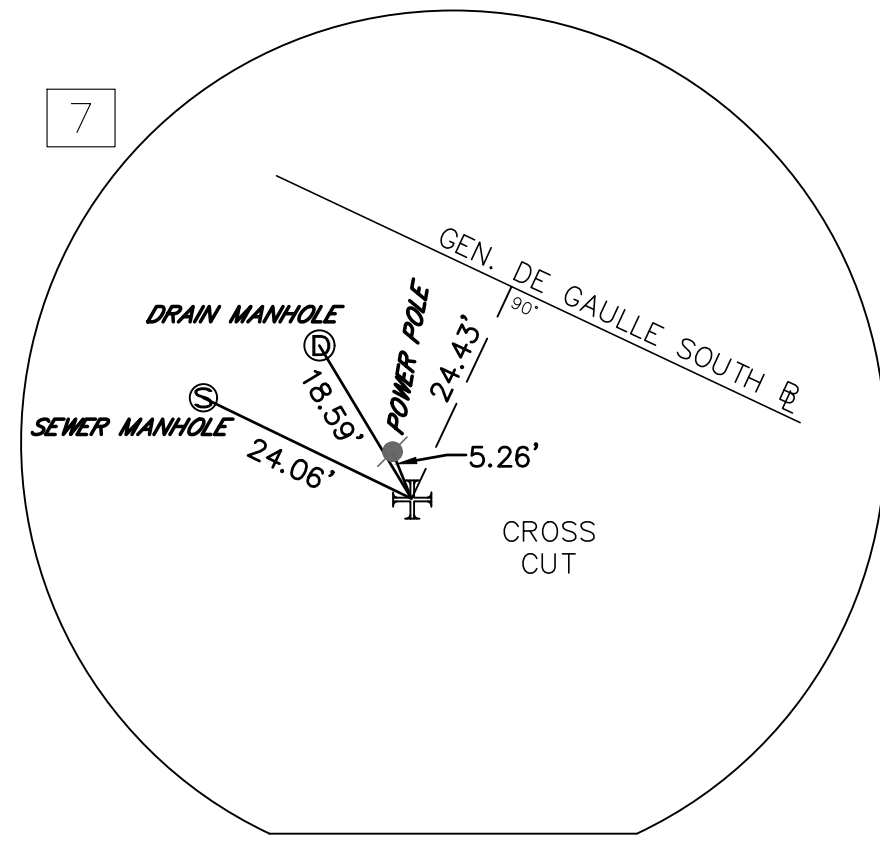
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N.T.S.



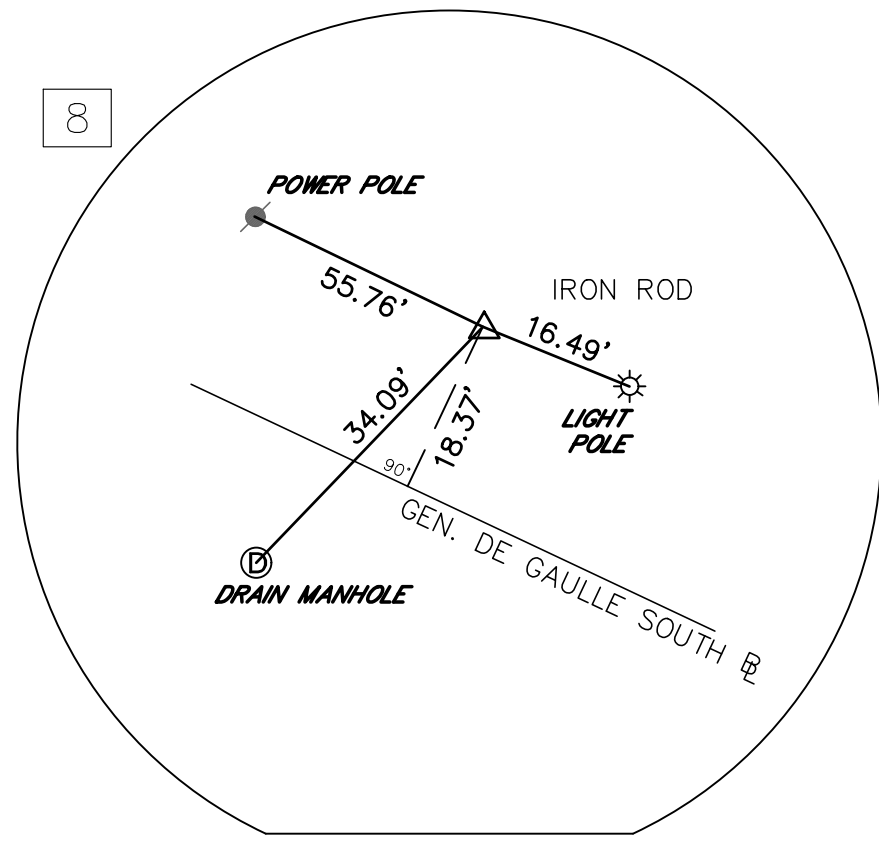
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STA: 111+23.80  
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N.T.S.



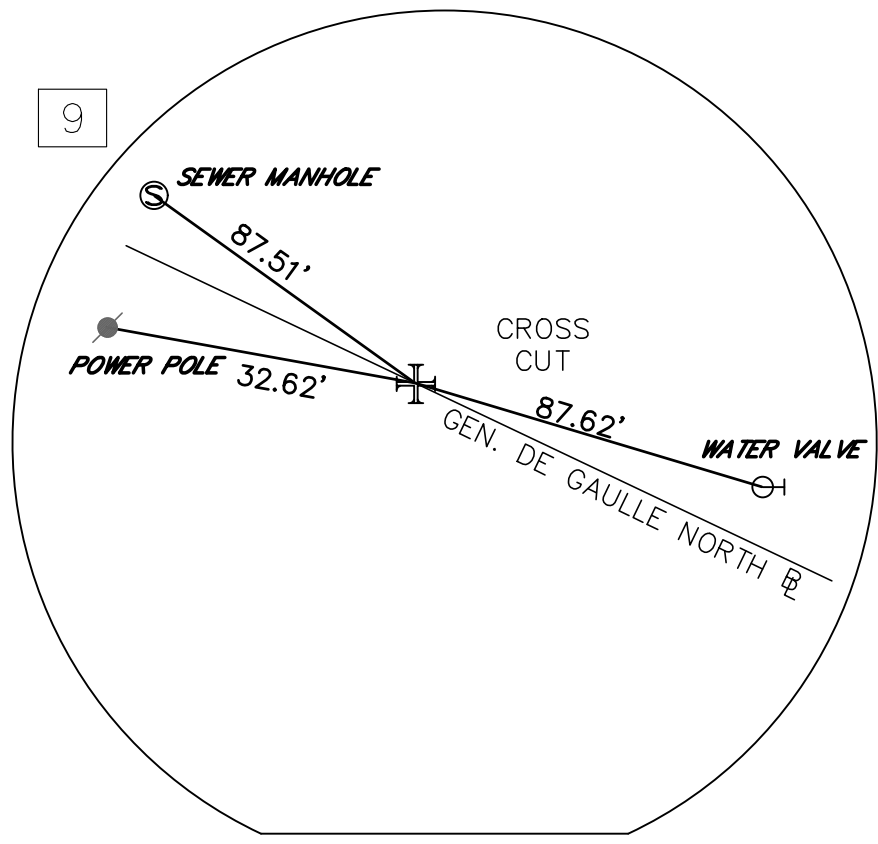
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GEN. DE GAULLE SOUTH  
STA: 101+46.37  
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N.T.S.



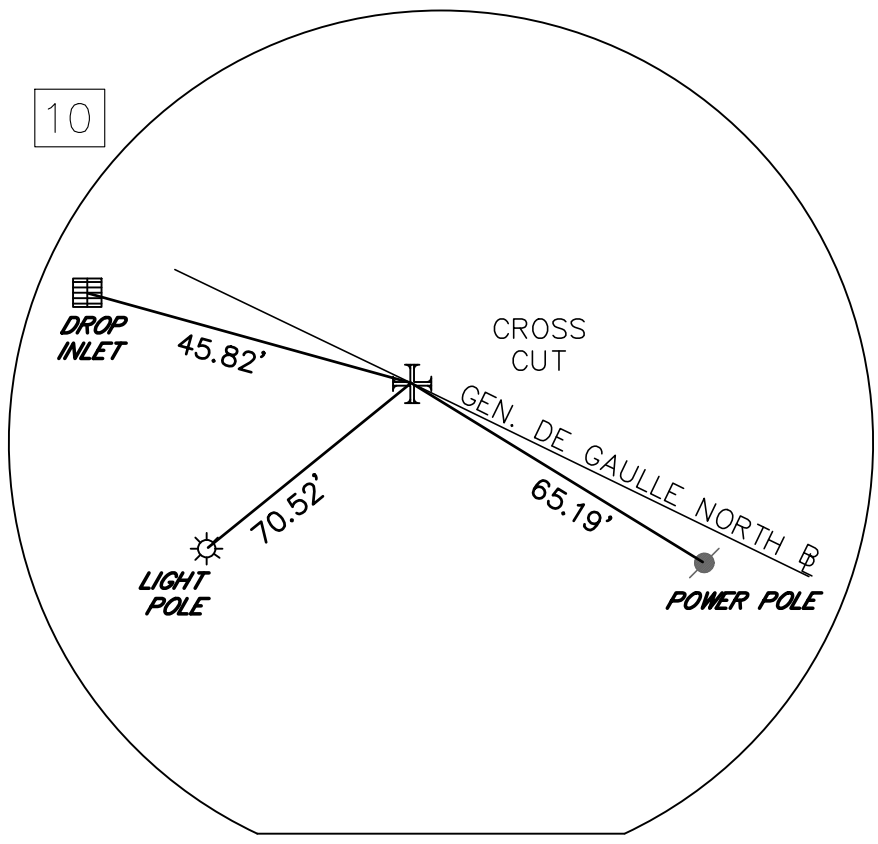
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GEN. DE GAULLE SOUTH  
STA: 104+44.93  
OFF: 24.43 R  
N.T.S.



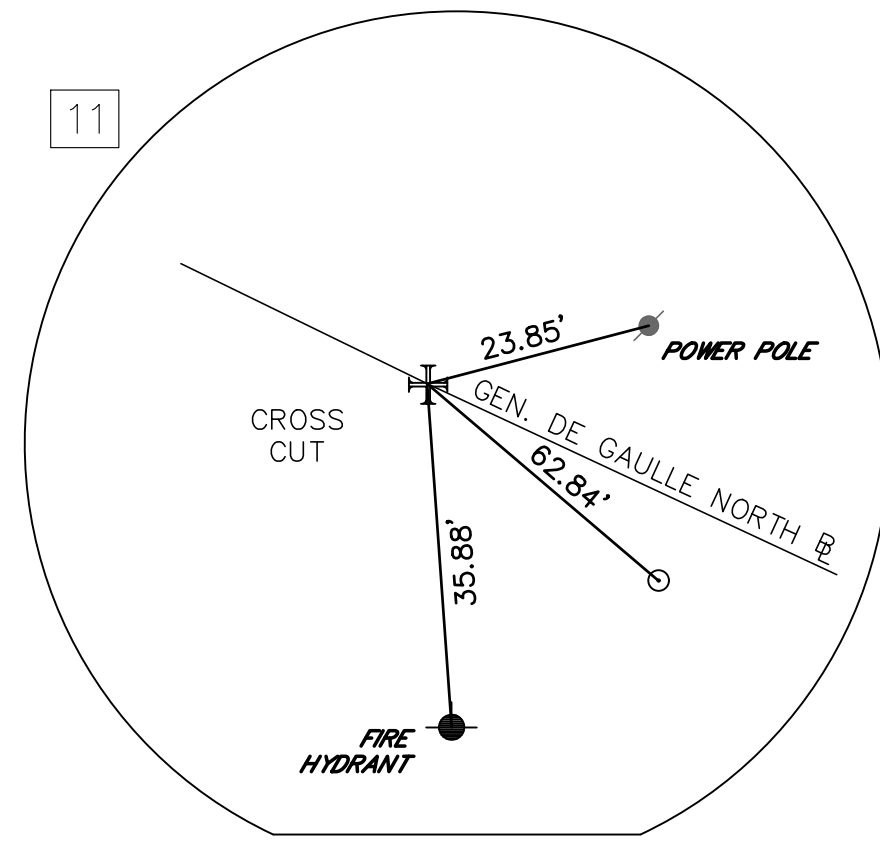
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N.T.S.



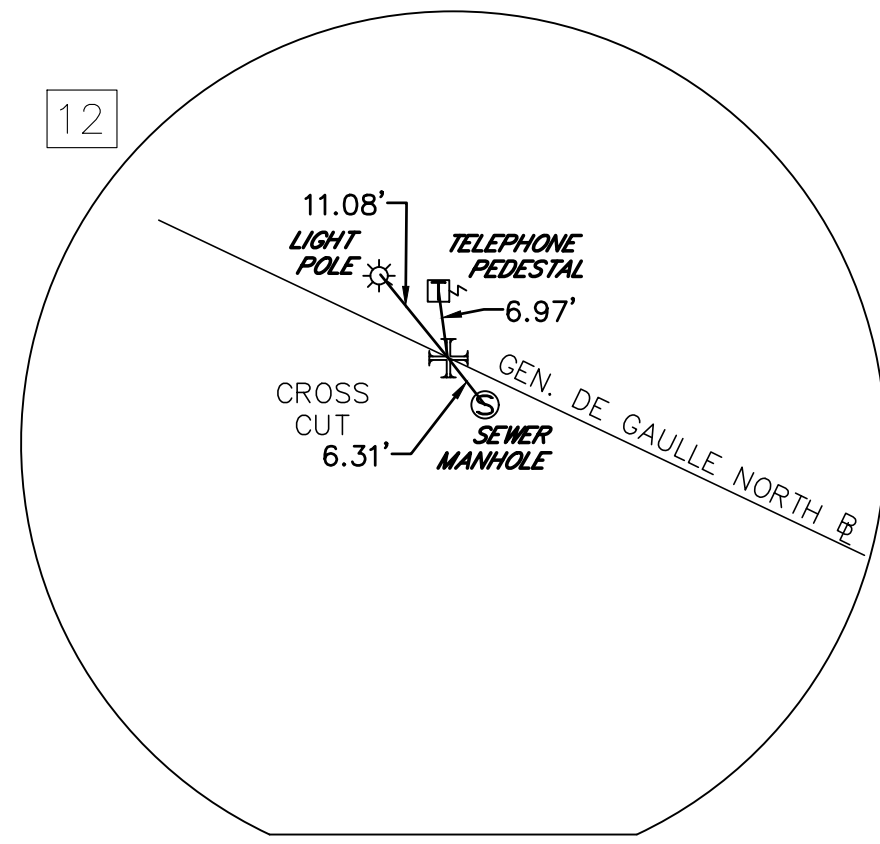
N: 521721.24  
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GEN. DE GAULLE NORTH  
STA: 51+06.07  
OFF: 0.00  
N.T.S.



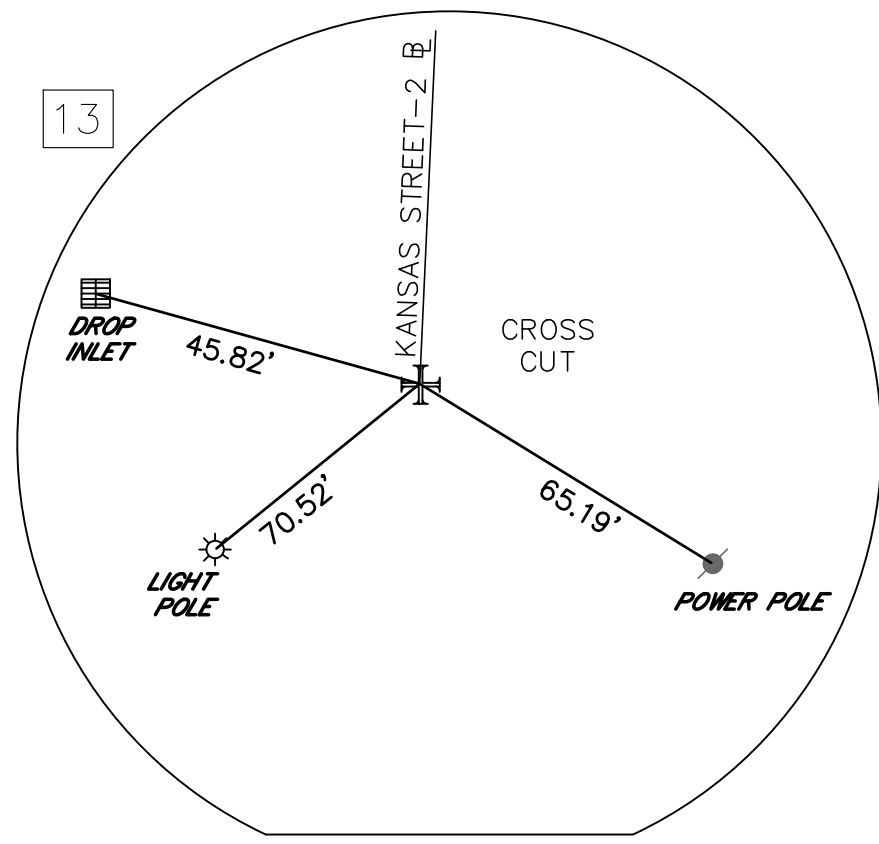
N: 521534.76  
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EL: -6.29'  
GEN. DE GAULLE NORTH  
STA: 55+39.19  
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N.T.S.



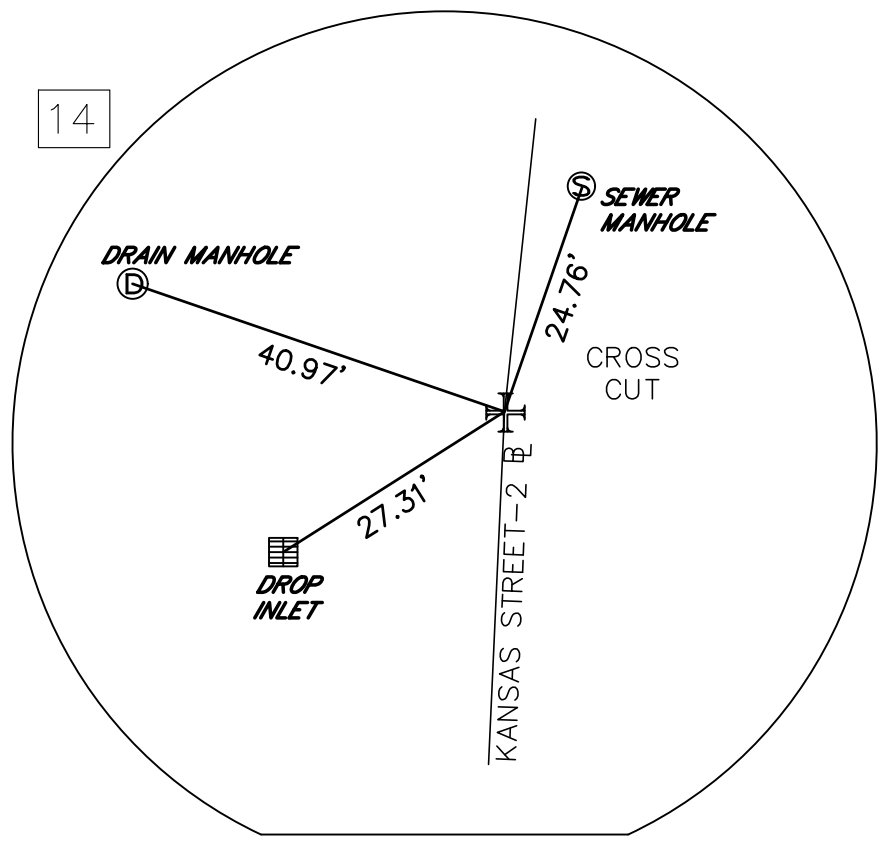
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STA: 57+80.97  
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N.T.S.



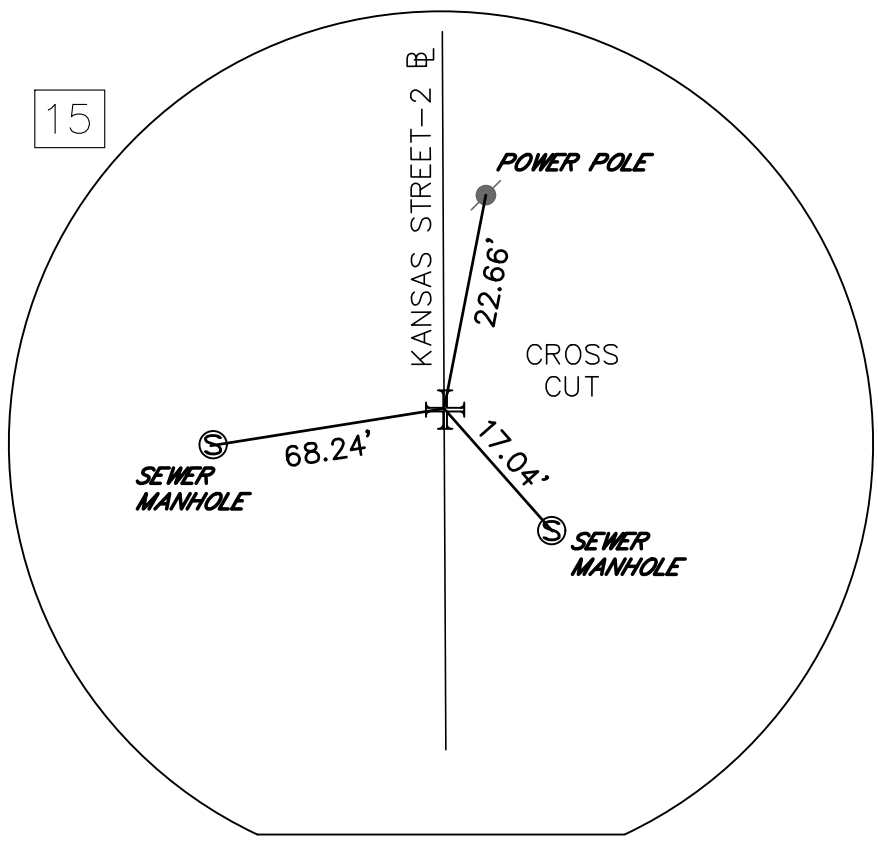
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EL: -6.12'  
GEN. DE GAULLE NORTH  
STA: 60+30.97  
OFF: 0.00  
N.T.S.



N: 521534.76  
E: 3694714.69  
EL: -6.29'  
KANSAS STREET-2  
STA: 200+00.00  
OFF: 0.00  
N.T.S.



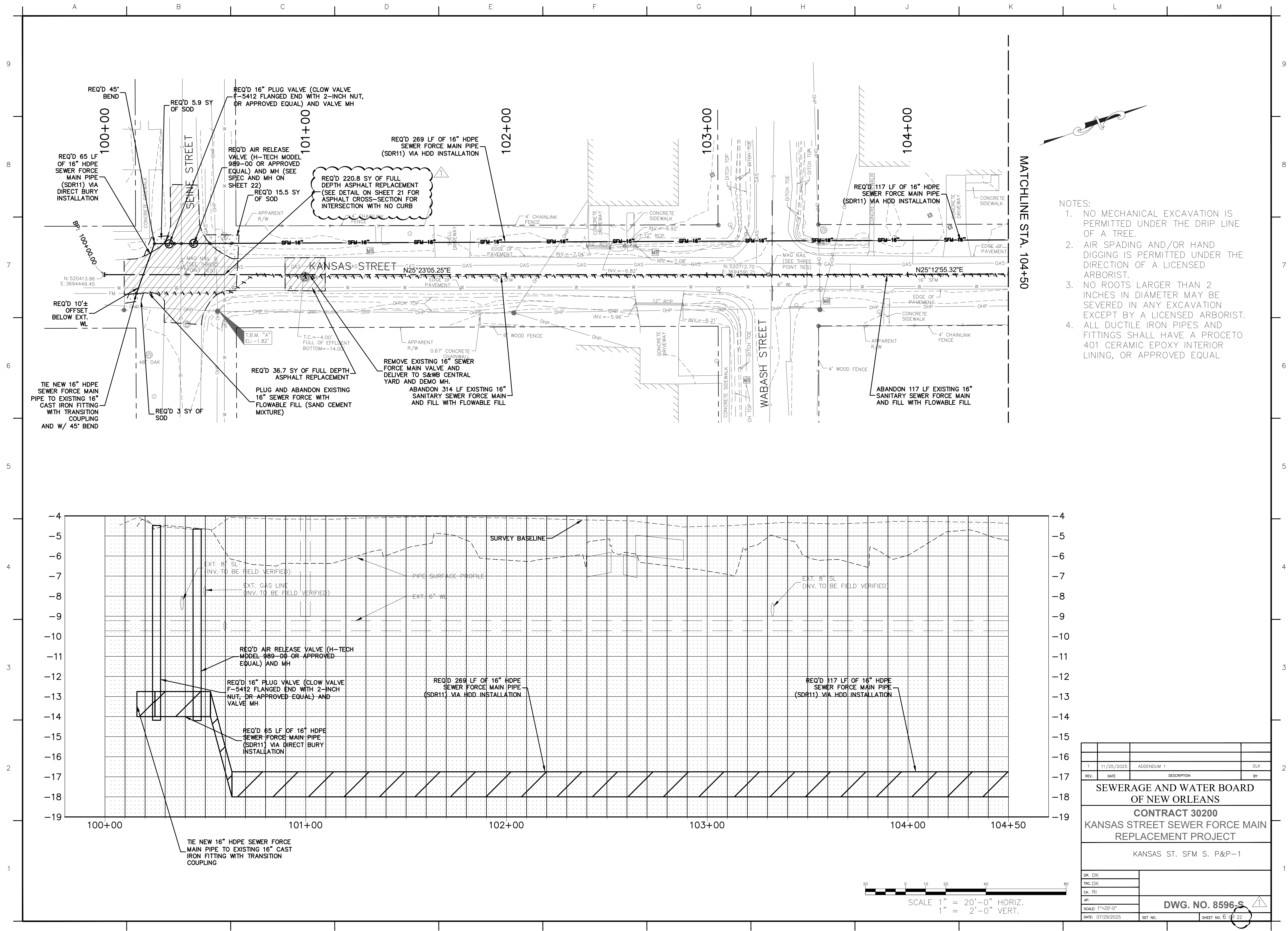
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KANSAS STREET-2  
STA: 204+39.80  
OFF: 0.00  
N.T.S.



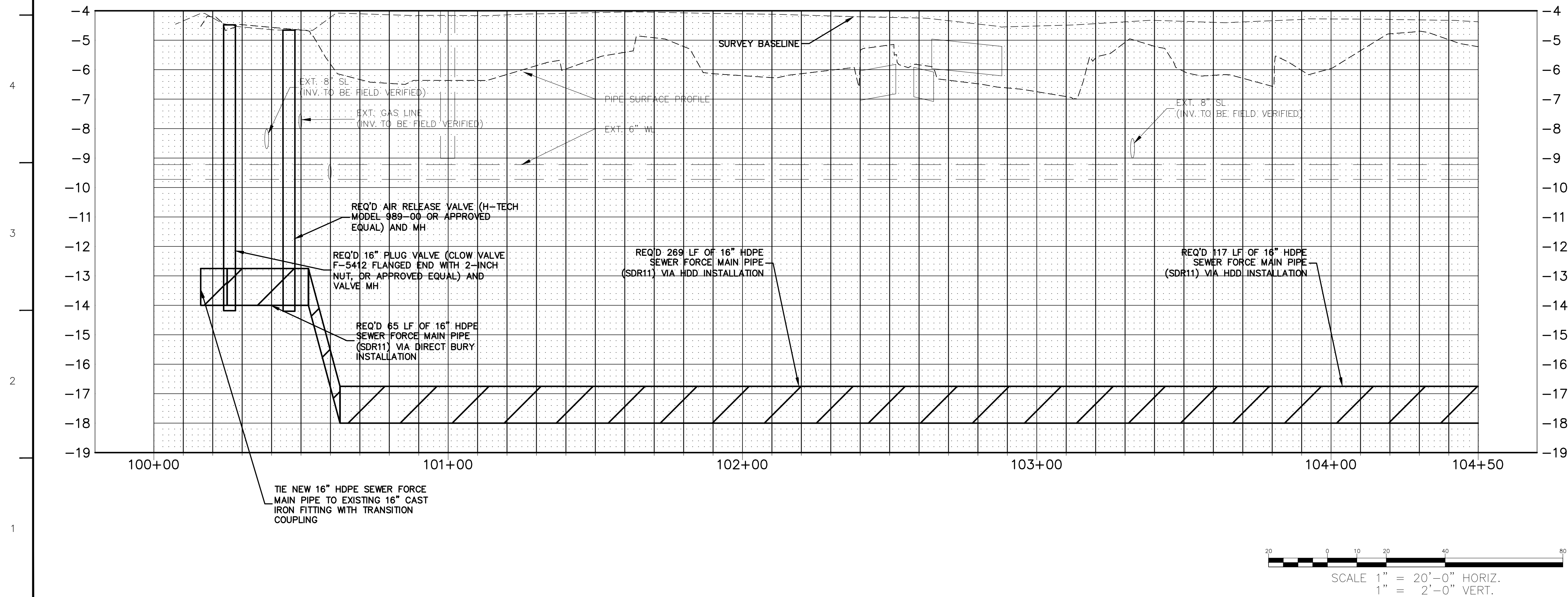
N: 522688.37  
E: 3694706.69  
EL: -7.00'  
KANSAS STREET-2  
STA: 211+55.90  
OFF: 0.00  
N.T.S.

ALL 3-POINT TIES HAVE BEEN PROVIDED BY BFM CORPORATION, LLC

1	11/25/2025	ADDENDUM 1	DLK
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200 KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
3 PT TIES			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE:		DWG. NO. 8596-S	
DATE: 07/29/2025		SET NO.	SHEET NO. 5 OF 22

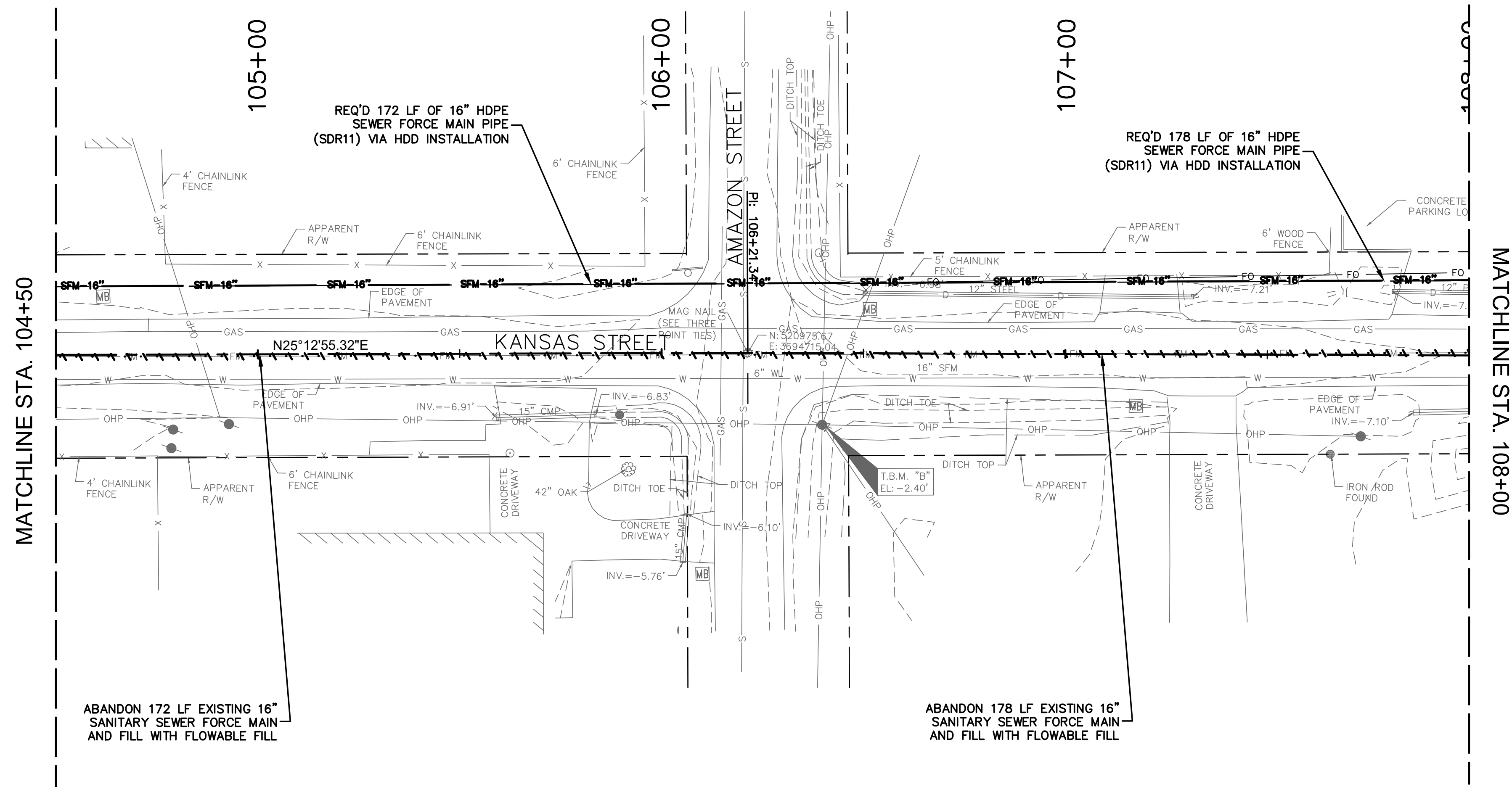


- NOTES:
1. NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIP LINE OF A TREE.
  2. AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  3. NO ROOTS LARGER THAN 2 INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.
  4. ALL DUCTILE IRON PIPES AND FITTINGS SHALL HAVE A PROCETO 401 CERAMIC EPOXY INTERIOR LINING, OR APPROVED EQUAL

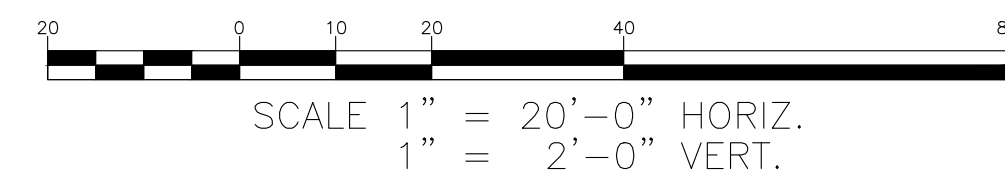
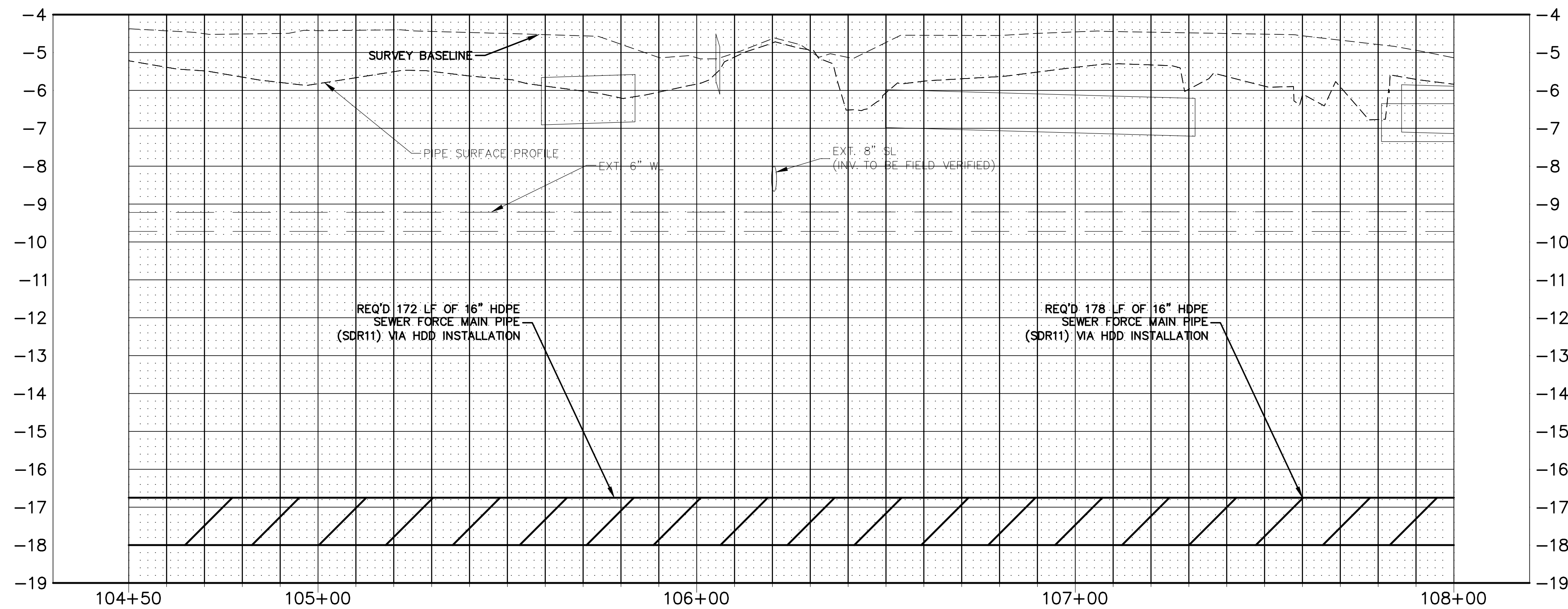


1	11/25/2025	ADDENDUM 1	DLK
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200 KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM S. P&P-1			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE: 1"=20'-0"			
DATE: 07/29/2025	SET NO.	SHEET NO. 6 OF 22	

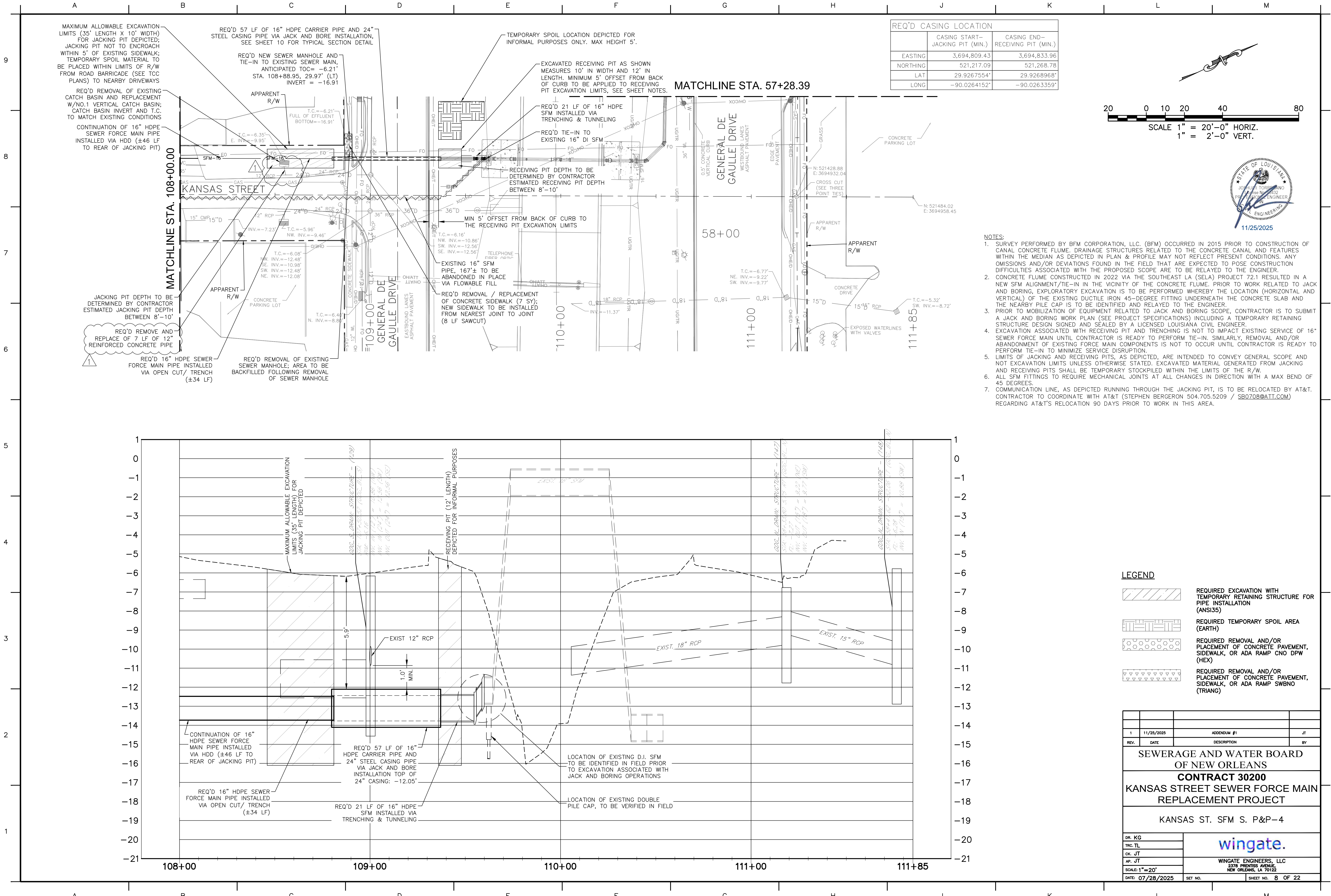




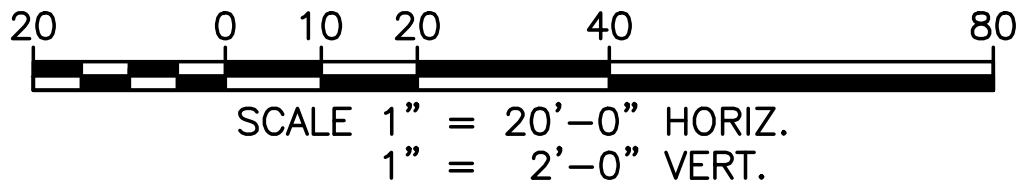
- NOTES:
1. NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIP LINE OF A TREE.
  2. AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  3. NO ROOTS LARGER THAN 2 INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.



DR. DK	TRC. DK	CK. RI	AP.	DATE: 07/29/2025	SET NO.	SHEET NO. 7 OF 22
DWG. NO. 8596-S						
KANSAS ST. SFM S. P&P-2						
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT						
CONTRACT 30200						
SEWERAGE AND WATER BOARD OF NEW ORLEANS						
ADDENDUM 1						
1	11/25/2025	DLK				
REV.	DATE	DESCRIPTION				BY



REQ'D CASING LOCATION		
	CASING START- JACKING PIT (MIN.)	CASING END- RECEIVING PIT (MIN.)
EASTING	3,694,809.43	3,694,833.96
NORTHING	521,217.09	521,268.78
LAT	29.9267554°	29.9268968°
LONG	-90.0264152°	-90.0263359°

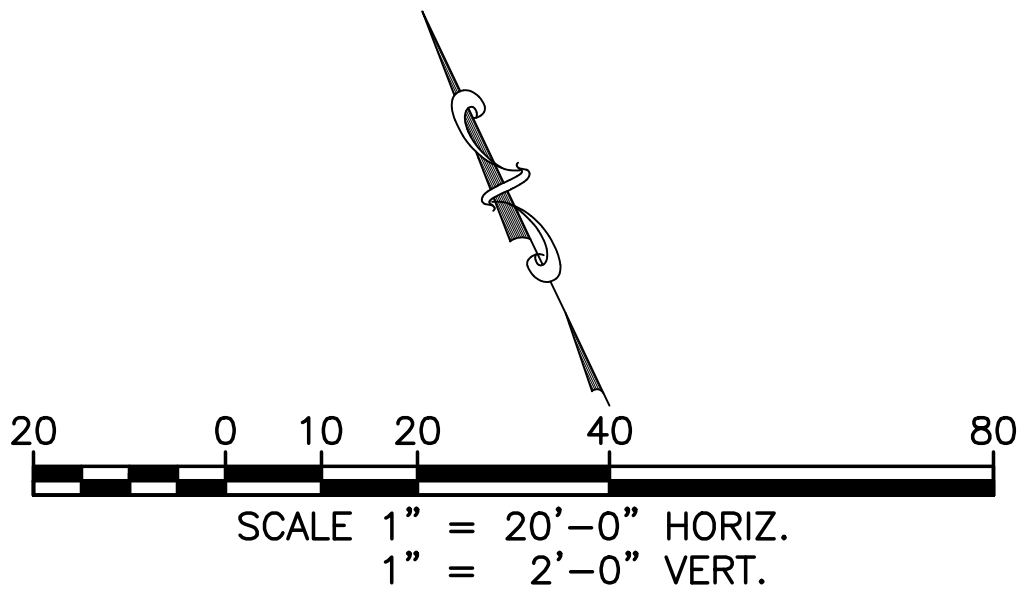
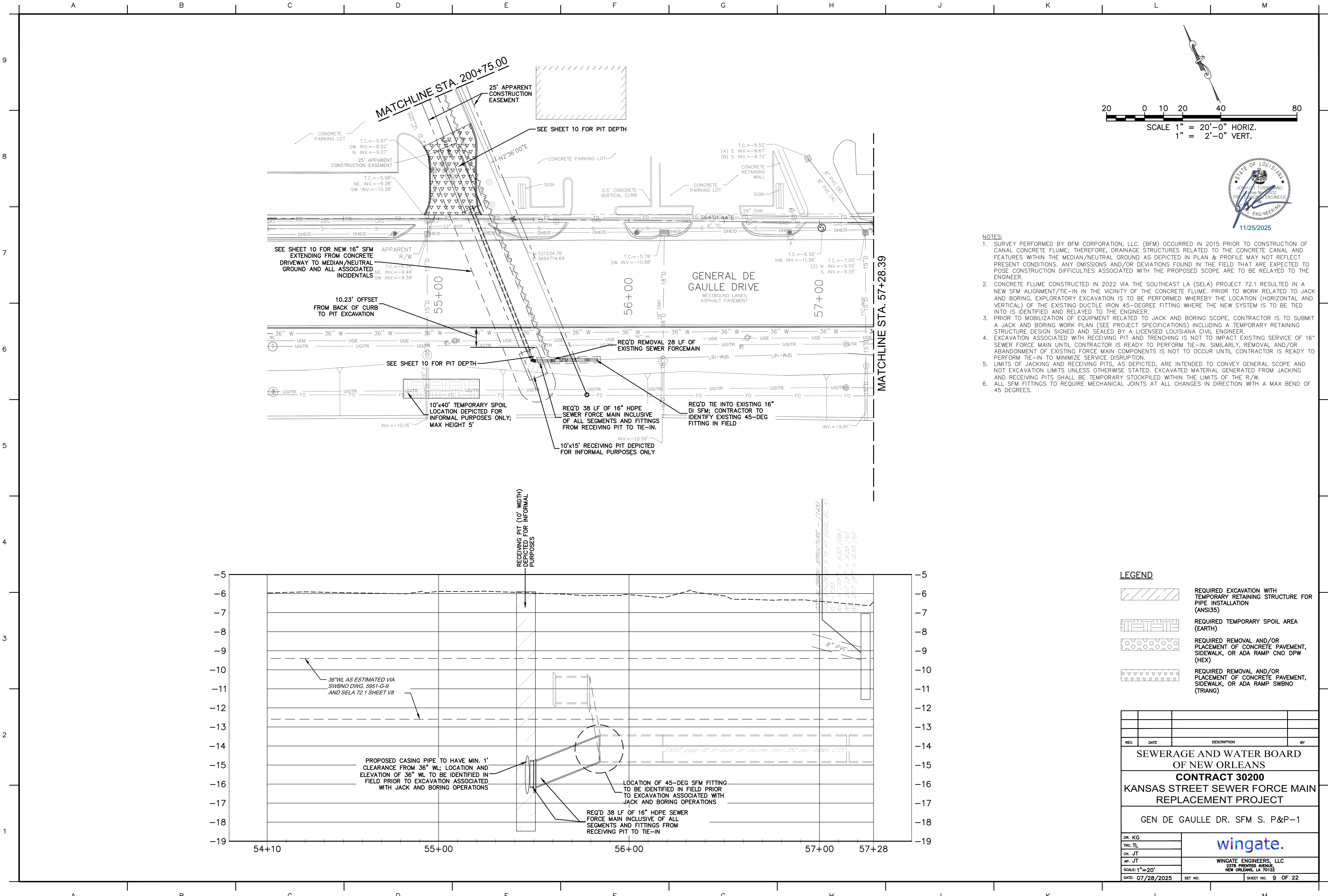


- NOTES:
- SURVEY PERFORMED BY BFM CORPORATION, LLC. (BFM) OCCURRED IN 2015 PRIOR TO CONSTRUCTION OF CANAL CONCRETE FLUME. DRAINAGE STRUCTURES RELATED TO THE CONCRETE CANAL AND FEATURES WITHIN THE MEDIAN AS DEPICTED IN PLAN & PROFILE MAY NOT REFLECT PRESENT CONDITIONS. ANY OMISSIONS AND/OR DEVIATIONS FOUND IN THE FIELD THAT ARE EXPECTED TO POSE CONSTRUCTION DIFFICULTIES ASSOCIATED WITH THE PROPOSED SCOPE ARE TO BE RELAYED TO THE ENGINEER.
  - CONCRETE FLUME CONSTRUCTED IN 2022 VIA THE SOUTHEAST LA (SELA) PROJECT 72.1 RESULTED IN A NEW SFM ALIGNMENT/TIE-IN IN THE VICINITY OF THE CONCRETE FLUME. PRIOR TO WORK RELATED TO JACK AND BORING, EXPLORATORY EXCAVATION IS TO BE PERFORMED WHEREBY THE LOCATION (HORIZONTAL AND VERTICAL) OF THE EXISTING DUCTILE IRON 45-DEGREE FITTING UNDERNEATH THE CONCRETE SLAB AND THE NEARBY PILE CAP IS TO BE IDENTIFIED AND RELAYED TO THE ENGINEER.
  - PRIOR TO MOBILIZATION OF EQUIPMENT RELATED TO JACK AND BORING SCOPE, CONTRACTOR IS TO SUBMIT A JACK AND BORING WORK PLAN (SEE PROJECT SPECIFICATIONS) INCLUDING A TEMPORARY RETAINING STRUCTURE DESIGN SIGNED AND SEALED BY A LICENSED LOUISIANA CIVIL ENGINEER.
  - EXCAVATION ASSOCIATED WITH RECEIVING PIT AND TRENCHING IS NOT TO IMPACT EXISTING SERVICE OF 16" SEWER FORCE MAIN UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN. SIMILARLY, REMOVAL AND/OR ABANDONMENT OF EXISTING FORCE MAIN COMPONENTS IS NOT TO OCCUR UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN TO MINIMIZE SERVICE DISRUPTION.
  - LIMITS OF JACKING AND RECEIVING PITS, AS DEPICTED, ARE INTENDED TO CONVEY GENERAL SCOPE AND NOT EXCAVATION LIMITS UNLESS OTHERWISE STATED. EXCAVATED MATERIAL GENERATED FROM JACKING AND RECEIVING PITS SHALL BE TEMPORARY STOCKPILED WITHIN THE LIMITS OF THE R/W.
  - ALL SFM FITTINGS TO REQUIRE MECHANICAL JOINTS AT ALL CHANGES IN DIRECTION WITH A MAX BEND OF 45 DEGREES.
  - COMMUNICATION LINE, AS DEPICTED RUNNING THROUGH THE JACKING PIT, IS TO BE RELOCATED BY AT&T. CONTRACTOR TO COORDINATE WITH AT&T (STEPHEN BERGERON 504.705.5209 / SB0708@ATT.COM) REGARDING AT&T'S RELOCATION 90 DAYS PRIOR TO WORK IN THIS AREA.

- LEGEND
- REQUIRED EXCAVATION WITH TEMPORARY RETAINING STRUCTURE FOR PIPE INSTALLATION (ANSI35)
  - REQUIRED TEMPORARY SPOIL AREA (EARTH)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)


1	11/25/2025	ADDENDUM #1	JT
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM S. P&P-4			
DR. KG			
TRC. TL			
CK. JT			
AP. JT			
SCALE: 1"=20'	WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE, NEW ORLEANS, LA 70122		
DATE: 07/28/2025	SET NO.	SHEET NO. 8 OF 22	



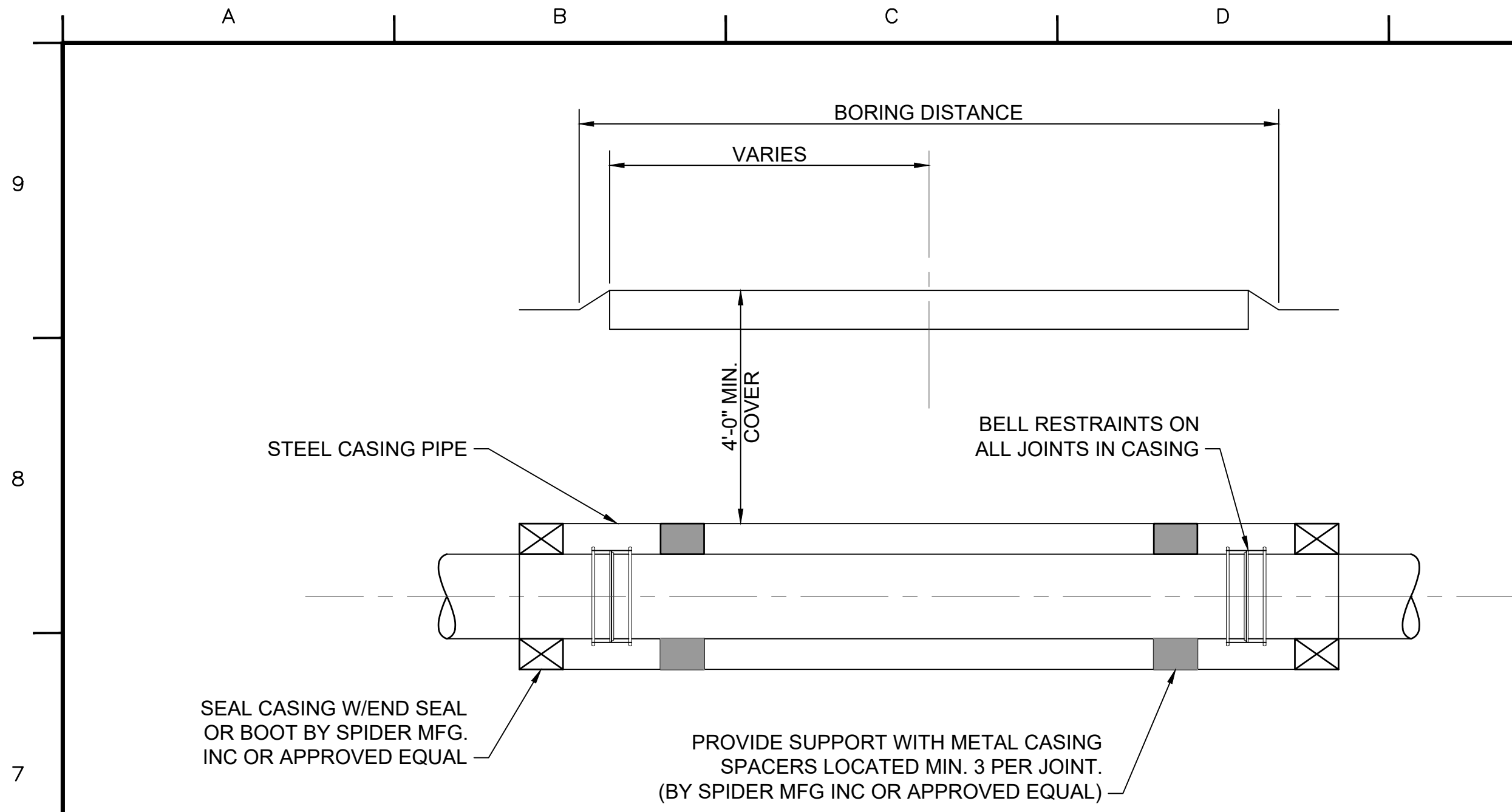


- NOTES:
1. SURVEY PERFORMED BY BFM CORPORATION, LLC. (BFM) OCCURRED IN 2015 PRIOR TO CONSTRUCTION OF CANAL CONCRETE FLUME; THEREFORE, DRAINAGE STRUCTURES RELATED TO THE CONCRETE CANAL AND FEATURES WITHIN THE MEDIAN/NEUTRAL GROUND AS DEPICTED IN PLAN & PROFILE MAY NOT REFLECT PRESENT CONDITIONS. ANY OMISSIONS AND/OR DEVIATIONS FOUND IN THE FIELD THAT ARE EXPECTED TO POSE CONSTRUCTION DIFFICULTIES ASSOCIATED WITH THE PROPOSED SCOPE ARE TO BE RELAYED TO THE ENGINEER.
  2. CONCRETE FLUME CONSTRUCTED IN 2022 VIA THE SOUTHEAST LA (SELA) PROJECT 72.1 RESULTED IN A NEW SFM ALIGNMENT/TIE-IN IN THE VICINITY OF THE CONCRETE FLUME. PRIOR TO WORK RELATED TO JACK AND BORING, EXPLORATORY EXCAVATION IS TO BE PERFORMED WHEREBY THE LOCATION (HORIZONTAL AND VERTICAL) OF THE EXISTING DUCTILE IRON 45-DEGREE FITTING WHERE THE NEW SYSTEM IS TO BE TIED INTO IS IDENTIFIED AND RELAYED TO THE ENGINEER.
  3. PRIOR TO MOBILIZATION OF EQUIPMENT RELATED TO JACK AND BORING SCOPE, CONTRACTOR IS TO SUBMIT A JACK AND BORING WORK PLAN (SEE PROJECT SPECIFICATIONS) INCLUDING A TEMPORARY RETAINING STRUCTURE DESIGN SIGNED AND SEALED BY A LICENSED LOUISIANA CIVIL ENGINEER.
  4. EXCAVATION ASSOCIATED WITH RECEIVING PIT AND TRENCHING IS NOT TO IMPACT EXISTING SERVICE OF 16" SEWER FORCE MAIN UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN. SIMILARLY, REMOVAL AND/OR ABANDONMENT OF EXISTING FORCE MAIN COMPONENTS IS NOT TO OCCUR UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN TO MINIMIZE SERVICE DISRUPTION.
  5. LIMITS OF JACKING AND RECEIVING PITS, AS DEPICTED, ARE INTENDED TO CONVEY GENERAL SCOPE AND NOT EXCAVATION LIMITS UNLESS OTHERWISE STATED. EXCAVATED MATERIAL GENERATED FROM JACKING AND RECEIVING PITS SHALL BE TEMPORARY STOCKPILED WITHIN THE LIMITS OF THE R/W.
  6. ALL SFM FITTINGS TO REQUIRE MECHANICAL JOINTS AT ALL CHANGES IN DIRECTION WITH A MAX BEND OF 45 DEGREES.

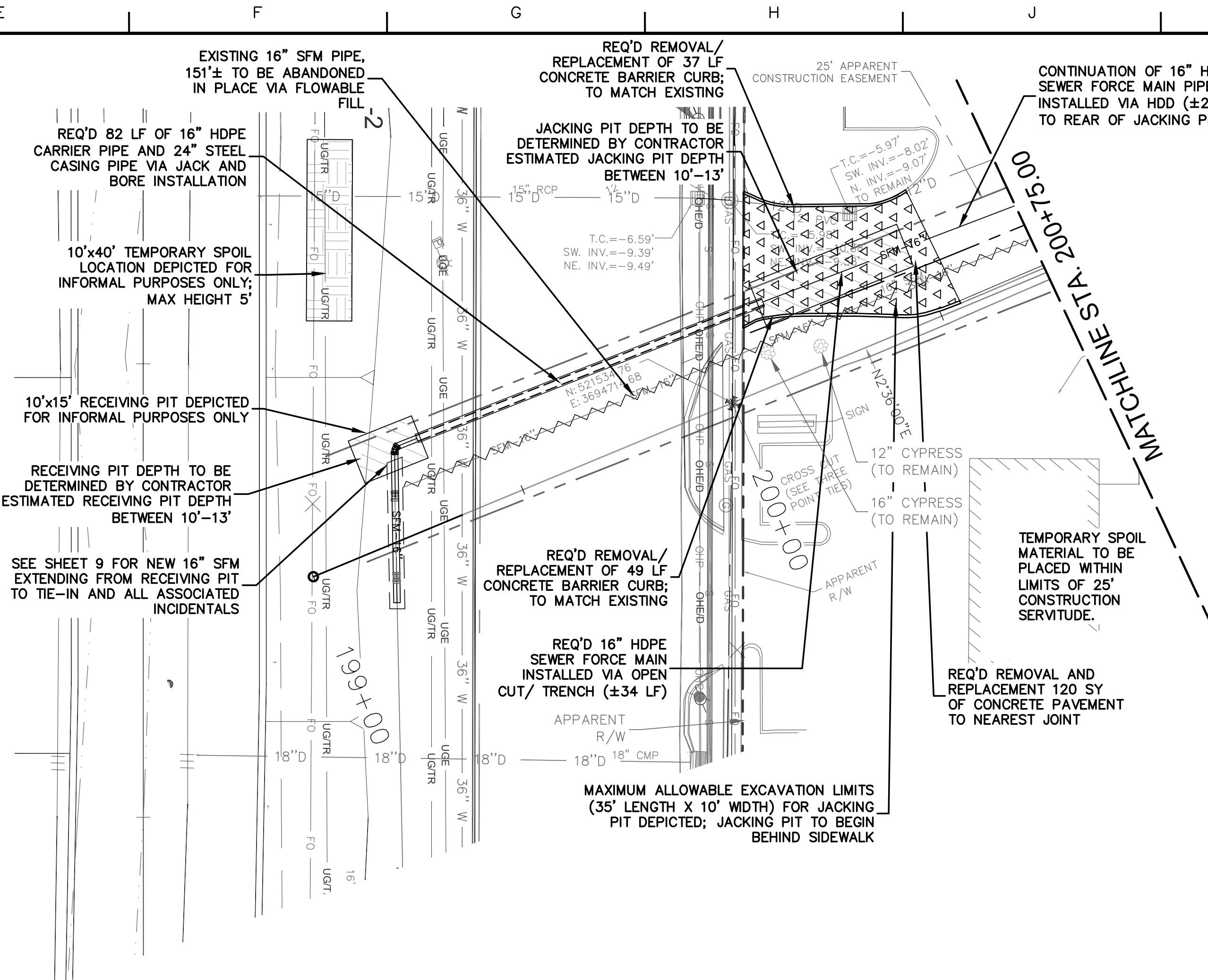
- LEGEND
- REQUIRED EXCAVATION WITH TEMPORARY RETAINING STRUCTURE FOR PIPE INSTALLATION (ANSI35)
  - REQUIRED TEMPORARY SPOIL AREA (EARTH)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)

SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
GEN DE GAULLE DR. SFM S. P&P-1			
DR. KG	 WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE NEW ORLEANS, LA 70122		
TRC. TL			
CK. JT			
AP. JT			
SCALE: 1"=20'			
DATE: 07/28/2025	SET NO.	SHEET NO. 9 OF 22	

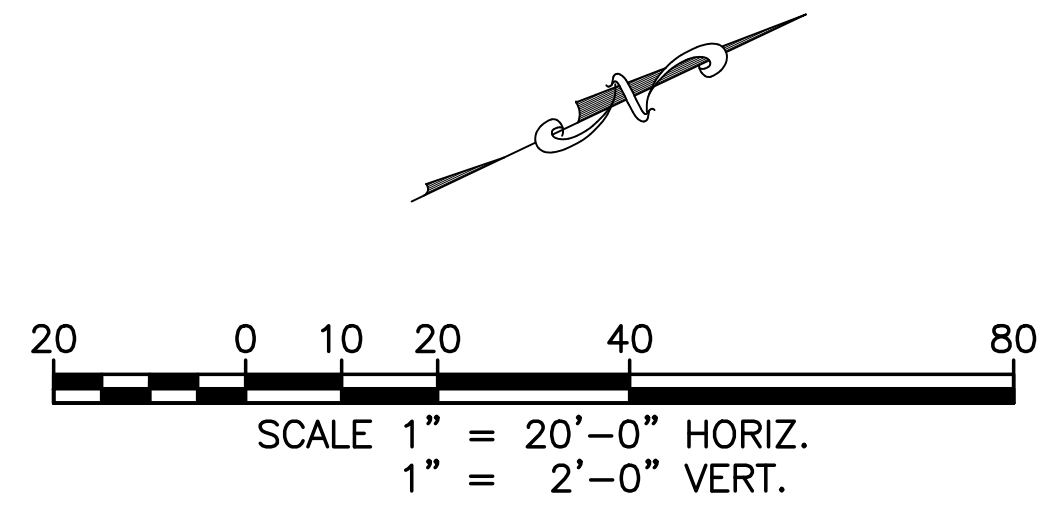




SECTION 1: JACK AND BORE TYPICAL SECTION



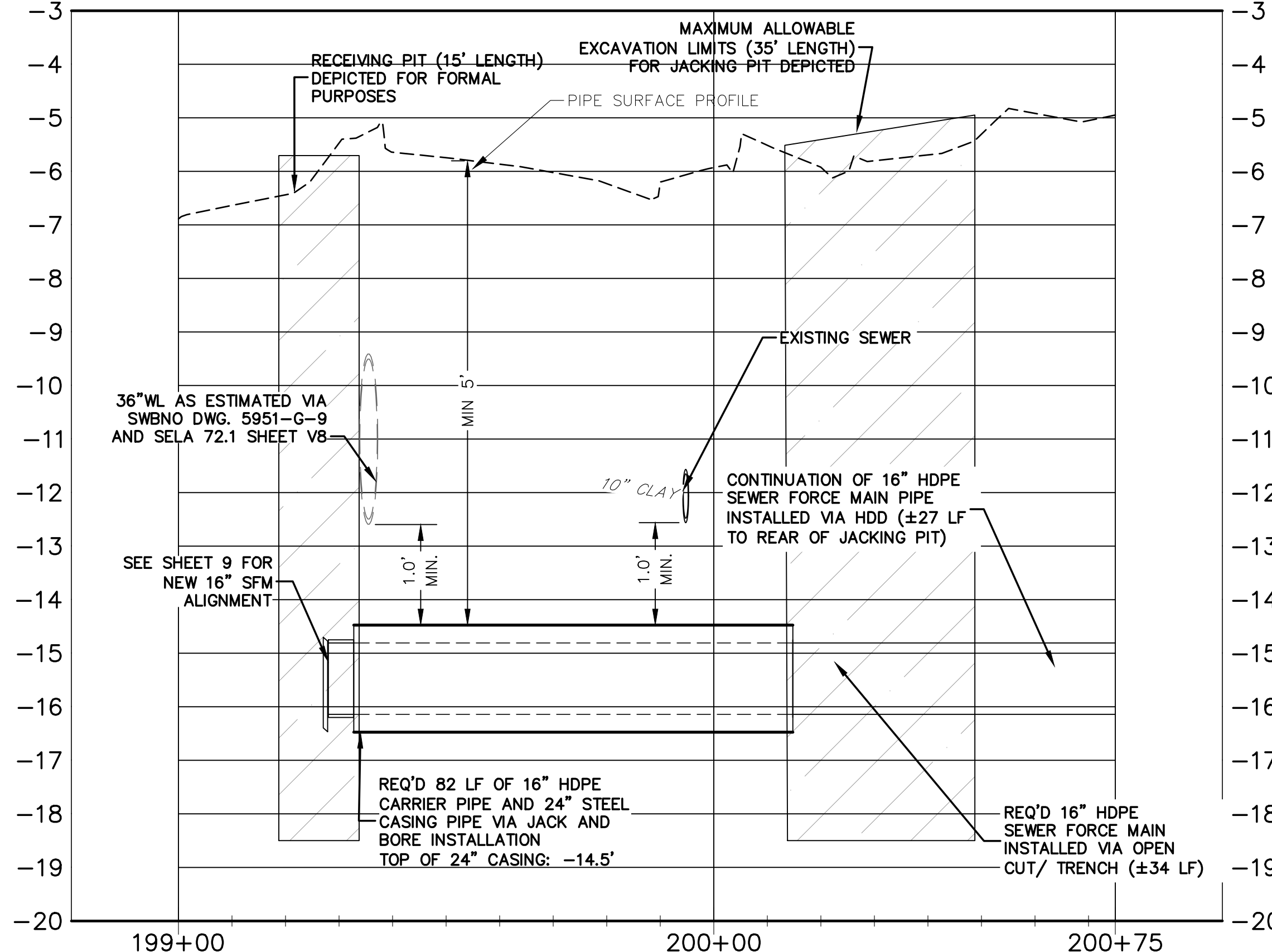
SECTION 2: ENLARGEMENT OF NORTH GENERAL DE GAULLE  
PROPOSED CROSSING SEWER FORCE MAIN



REQ'D CASING LOCATION		
	CASING START-JACKING PIT (MIN.)	CASING END-RECEIVING PIT (MIN.)
EASTING	3,694,697.38	3,694,692.22
NORTHING	521,550.32	521,468.46
LAT	29.9276752°	29.9274503°
LONG	-90.0267569°	-90.0267761°

- NOTES:
1. SURVEY PERFORMED BY BFM CORPORATION, LLC. (BFM) OCCURRED IN 2015 PRIOR TO CONSTRUCTION OF CANAL CONCRETE FLUME; THEREFORE, DRAINAGE STRUCTURES RELATED TO THE CONCRETE CANAL AND FEATURES WITHIN THE MEDIAN/NEUTRAL GROUND AS DEPICTED IN PLAN & PROFILE MAY NOT REFLECT PRESENT CONDITIONS. ANY OMISSIONS AND/OR DEVIATIONS FOUND IN THE FIELD THAT ARE EXPECTED TO POSE CONSTRUCTION DIFFICULTIES ASSOCIATED WITH THE PROPOSED SCOPE ARE TO BE RELAYED TO THE ENGINEER.
  2. CONCRETE FLUME CONSTRUCTED IN 2022 VIA THE SOUTHEAST LA (SELA) PROJECT 72.1 RESULTED IN A NEW SFM ALIGNMENT/TIE-IN IN THE VICINITY OF THE CONCRETE FLUME. PRIOR TO WORK RELATED TO JACK AND BORING, EXPLORATORY EXCAVATION IS TO BE PERFORMED WHEREBY THE LOCATION (HORIZONTAL AND VERTICAL) OF THE EXISTING DUCTILE IRON 45-DEGREE FITTING WHERE THE NEW SYSTEM IS TO BE TIED INTO IS IDENTIFIED AND RELAYED TO THE ENGINEER.
  3. PRIOR TO MOBILIZATION OF EQUIPMENT RELATED TO JACK AND BORING SCOPE, CONTRACTOR IS TO SUBMIT A JACK AND BORING WORK PLAN (SEE PROJECT SPECIFICATIONS) INCLUDING A TEMPORARY RETAINING STRUCTURE DESIGN SIGNED AND SEALED BY A LICENSED LOUISIANA CIVIL ENGINEER.
  4. EXCAVATION ASSOCIATED WITH RECEIVING PIT AND TRENCHING IS NOT TO IMPACT EXISTING SERVICE OF 16" SEWER FORCE MAIN UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN. SIMILARLY, REMOVAL AND/OR ABANDONMENT OF EXISTING FORCE MAIN COMPONENTS IS NOT TO OCCUR UNTIL CONTRACTOR IS READY TO PERFORM TIE-IN TO MINIMIZE SERVICE DISRUPTION.
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  6. ALL SFM FITTINGS TO REQUIRE MECHANICAL JOINTS AT ALL CHANGES IN DIRECTION WITH A MAX BEND OF 45 DEGREES.

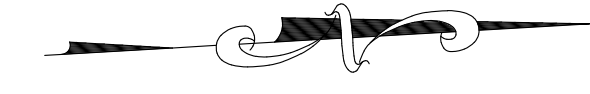
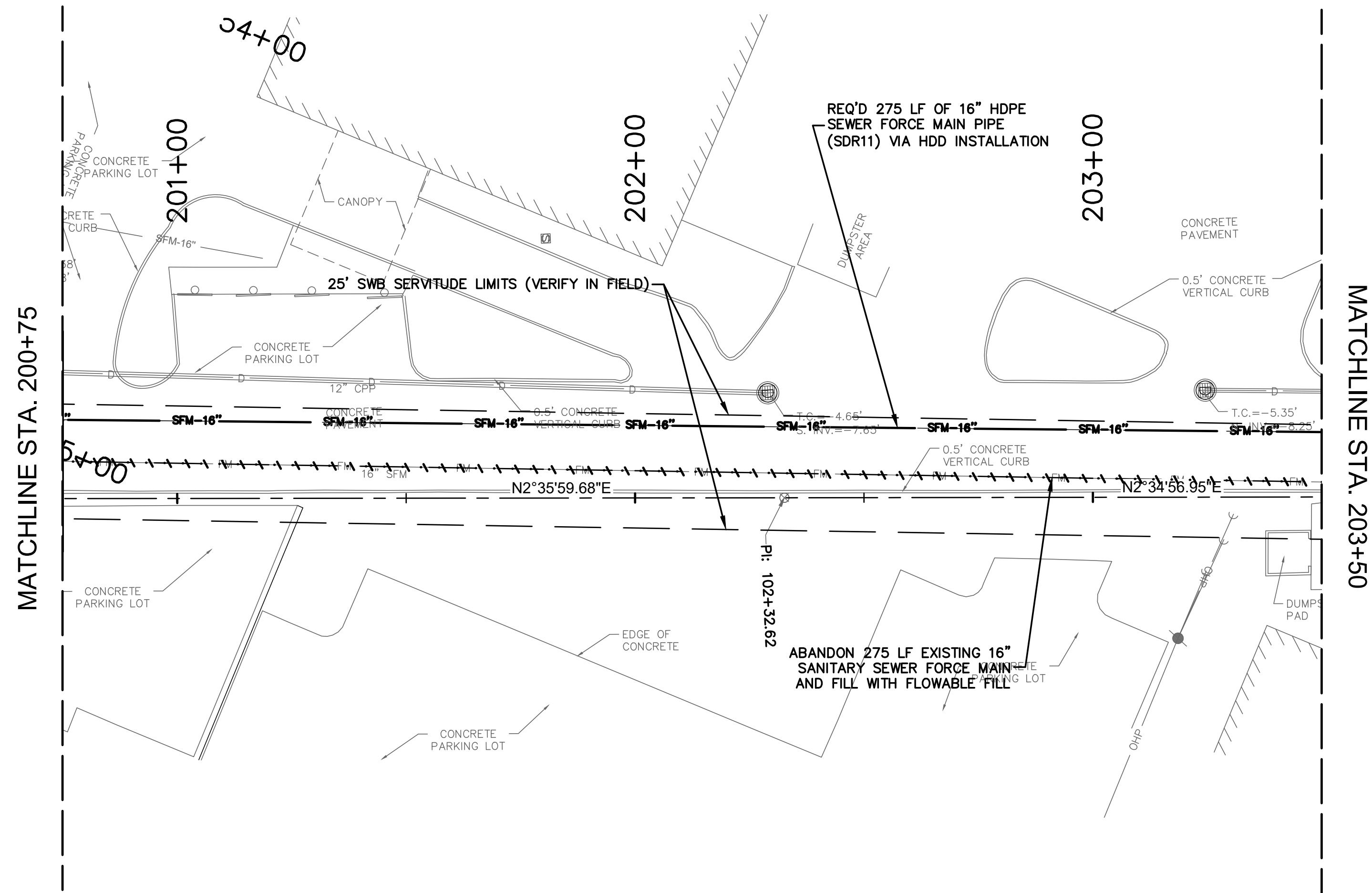
- TREE NOTES:
1. NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIPLINE OF THE NEARBY TREES.
  2. AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  3. NO ROOT LARGER THAN TWO (2) INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.



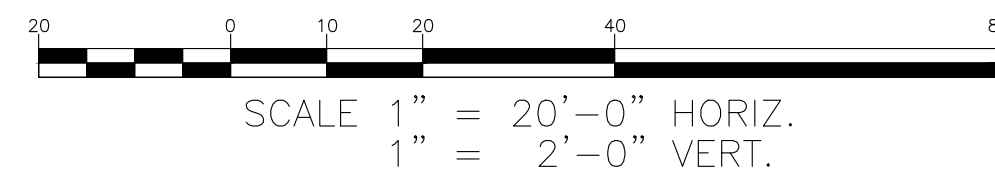
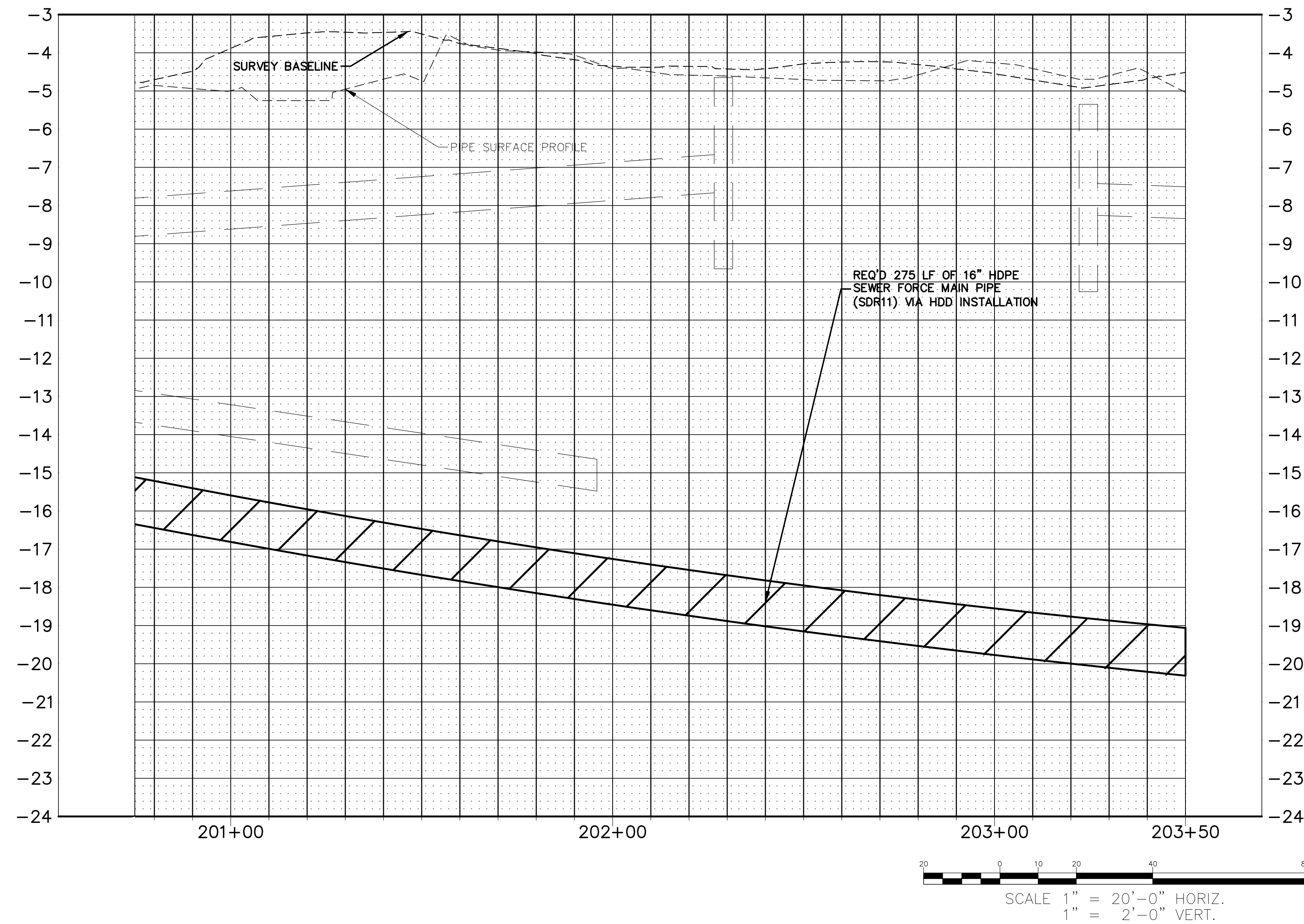
- LEGEND
- REQUIRED EXCAVATION WITH TEMPORARY RETAINING STRUCTURE FOR PIPE INSTALLATION (ANSI35)
  - REQUIRED TEMPORARY SPOIL AREA (EARTH)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
  - REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM N. P&P-1			
DR. KG			
TRC. TL			
CK. JT			
AP. JT			
SCALE: 1"=20'		WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE, NEW ORLEANS, LA 70122	
DATE: 07/28/2025		SET NO.	SHEET NO. 10 OF 22





- NOTES:
1. NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIP LINE OF A TREE.
  2. AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  3. NO ROOTS LARGER THAN 2 INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.



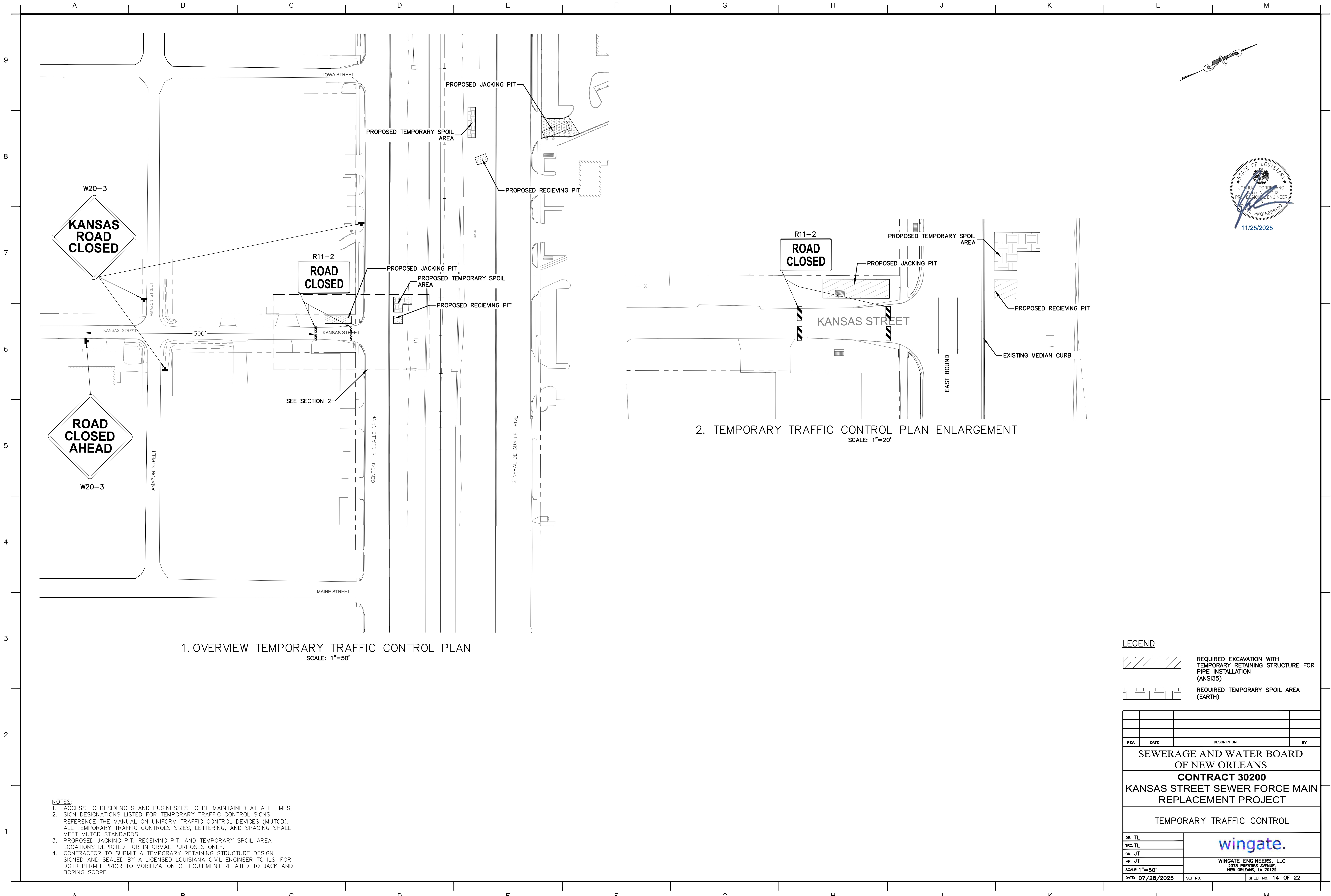
REV.	DATE	DESCRIPTION	BY
1	11/25/2025	ADDENDUM 1	DLK
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM N. P&P-1			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE: 1"=20'-0"			
DATE: 07/29/2025	SET NO.	SHEET NO. 11 OF 22	

DWG. NO. 8596-S









1. OVERVIEW TEMPORARY TRAFFIC CONTROL PLAN  
SCALE: 1"=50'

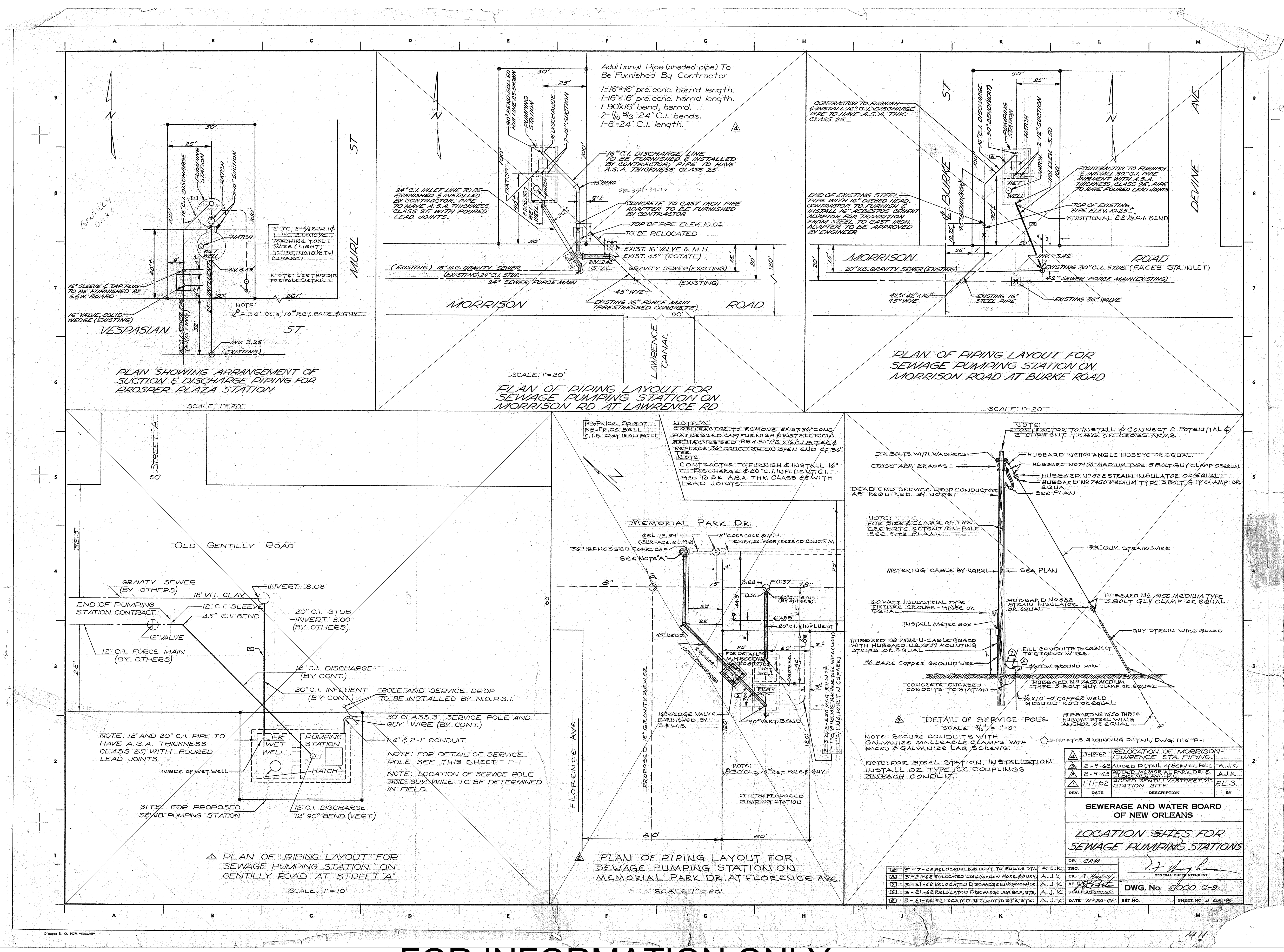
2. TEMPORARY TRAFFIC CONTROL PLAN ENLARGEMENT  
SCALE: 1"=20'

- NOTES:**
1. ACCESS TO RESIDENCES AND BUSINESSES TO BE MAINTAINED AT ALL TIMES.
  2. SIGN DESIGNATIONS LISTED FOR TEMPORARY TRAFFIC CONTROL SIGNS REFERENCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD); ALL TEMPORARY TRAFFIC CONTROLS SIZES, LETTERING, AND SPACING SHALL MEET MUTCD STANDARDS.
  3. PROPOSED JACKING PIT, RECEIVING PIT, AND TEMPORARY SPOIL AREA LOCATIONS DEPICTED FOR INFORMAL PURPOSES ONLY.
  4. CONTRACTOR TO SUBMIT A TEMPORARY RETAINING STRUCTURE DESIGN SIGNED AND SEALED BY A LICENSED LOUISIANA CIVIL ENGINEER TO ILSI FOR DOTD PERMIT PRIOR TO MOBILIZATION OF EQUIPMENT RELATED TO JACK AND BORING SCOPE.

LEGEND			
		REQUIRED EXCAVATION WITH TEMPORARY RETAINING STRUCTURE FOR PIPE INSTALLATION (ANSI35)	
		REQUIRED TEMPORARY SPOIL AREA (EARTH)	

SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
TEMPORARY TRAFFIC CONTROL			
DR. TL			
TRC. TL			
CK. JT			
AP. JT			
SCALE: 1"=50'	WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE, NEW ORLEANS, LA 70122		
DATE: 07/28/2025	SET NO.	SHEET NO. 14 OF 22	





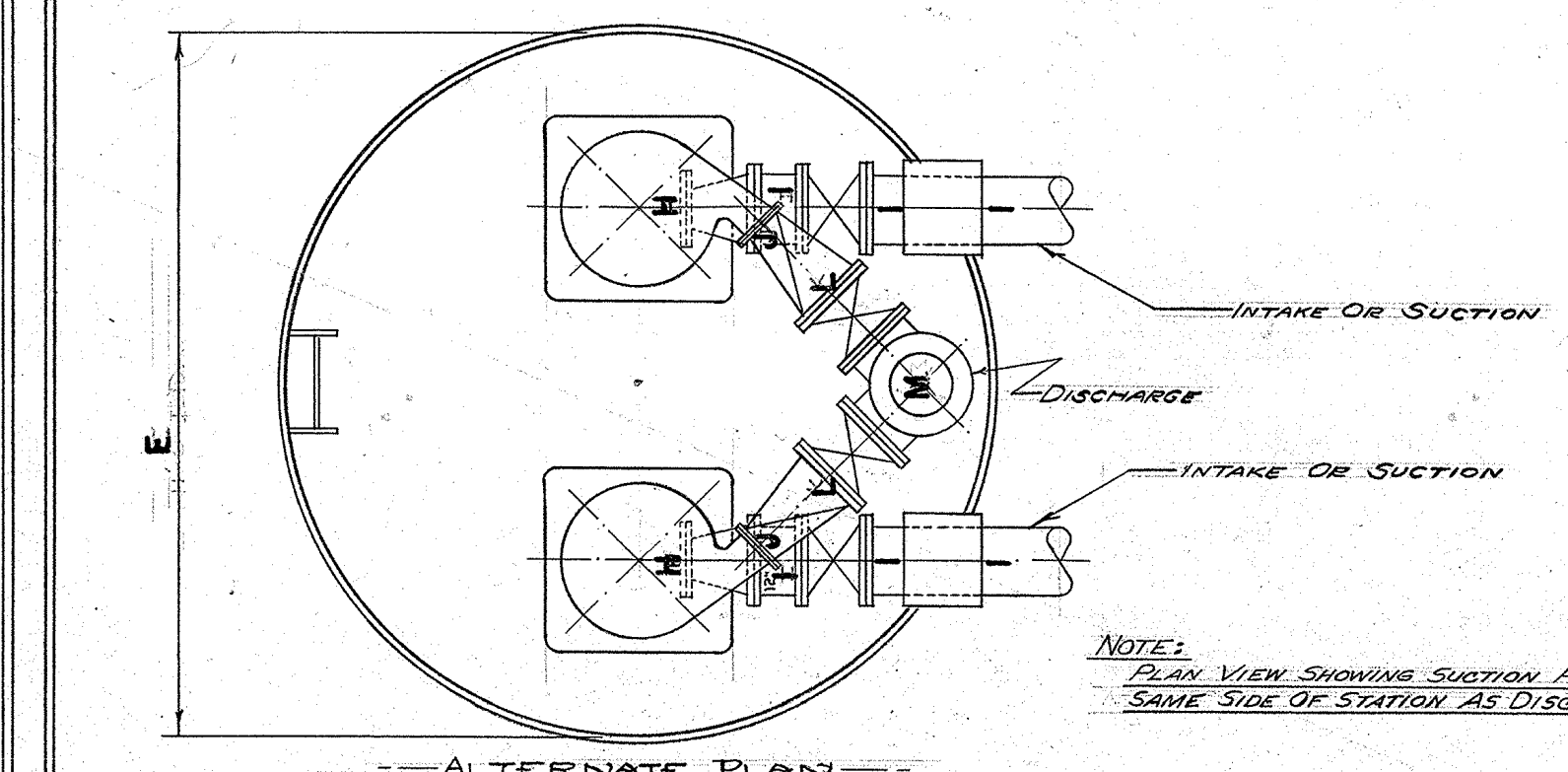
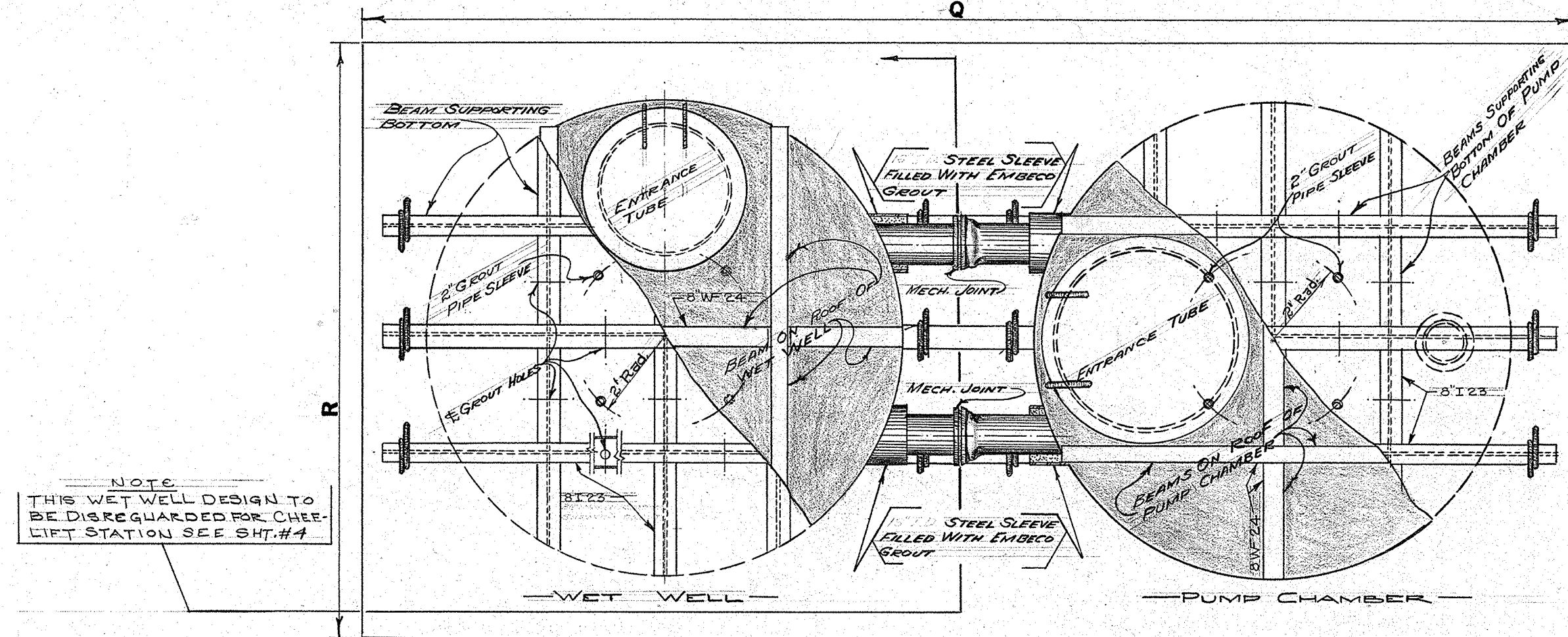
FOR INFORMATION ONLY

REV.	DATE	DESCRIPTION	BY
3-12-62		RELOCATION OF MORRISON-LAWRENCE STA. PIPING	A.J.K.
6-9-62		ADDED DETAIL OF SERVICE POLE	A.J.K.
2-9-62		ADDED MEMORIAL PARK DR. & GENTILLY STREET STA. PIPING	A.J.K.
1-11-62		ADDED GENTILLY STREET STA. PIPING	R.L.S.

SEWERAGE AND WATER BOARD OF NEW ORLEANS	
LOCATION SITES FOR SEWAGE PUMPING STATIONS	
DR. CRM	TRC
CK. B. H. H. H.	AP. B. H. H. H.
DWG. No. 6000 G-9	
DATE 11-20-61	SHEET NO. 3 OF 15

SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
DETAILS - PS Details 1			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE:	DWG. NO. 8596-S		
DATE: 7/29/2025	SHEET NO.	SHEET NO. 15 OF 22	





PUMPING UNIT DATA									
PROSPER PLAZA	MORRISON LUMBER	MORRISON BURKE	GENTILLY STREET A	MCNOLIA FLORENCE	CHEF-DODD	CHEF-LIFT STATION			
5" SOLIDS	5" SOLIDS	5" SOLIDS	5" SOLIDS	5" SOLIDS	5" SOLIDS	4" SOLIDS			
8" 5415 F.M.	5" 5415 F.M.	5" 5415 F.M.	5" 5415 F.M.	8" 5415 F.M.	8" 5415 F.M.	5" 5415 F.M.			
2300 G.P.M.	2300 G.P.M.	2300 G.P.M.	2300 G.P.M.	3000 G.P.M.	1800 G.P.M.	2300 G.P.M.			
80' H.D.	60' H.D.	67' H.D.	68' H.D.	70' H.D.	60' H.D.	12 1/2' H.D.			
16" IMP.	18" IMP.	18" IMP.	15 1/2" IMP.	16" IMP.	17" IMP.	13 1/2" IMP.			
440" A.C.	440" A.C.	440" A.C.	440" A.C.	440" A.C.	440" A.C.	440" A.C.			
100 H.P. (MIN)	60 H.P. (MIN)	60 H.P. (MIN)	60 H.P. (MIN)	30 H.P. (MIN)	5 H.P. (MIN)	5 H.P. (MIN)			
1150 R.P.M.	860 R.P.M.	860 R.P.M.	860 R.P.M.	1150 R.P.M.	860 R.P.M.	575 R.P.M.			

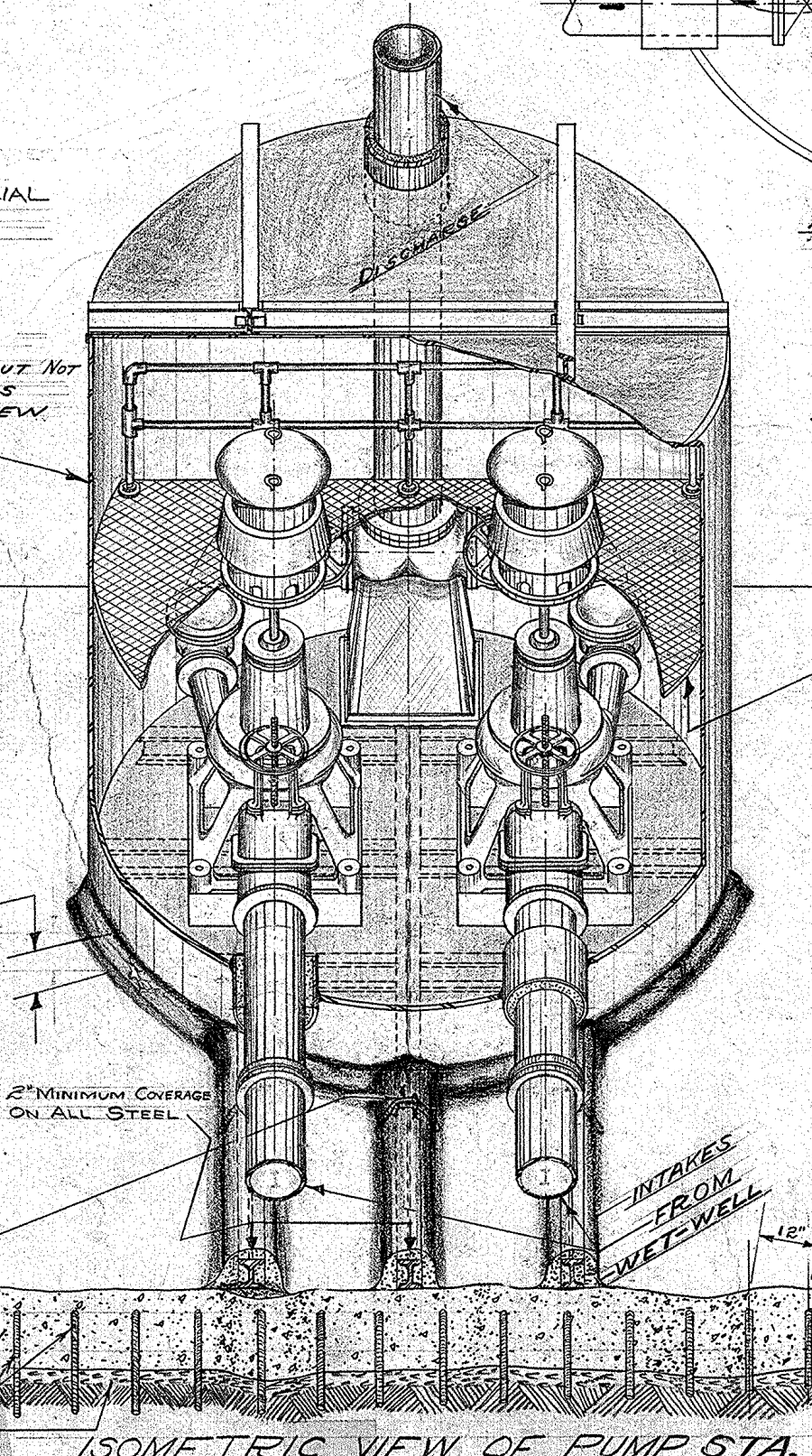
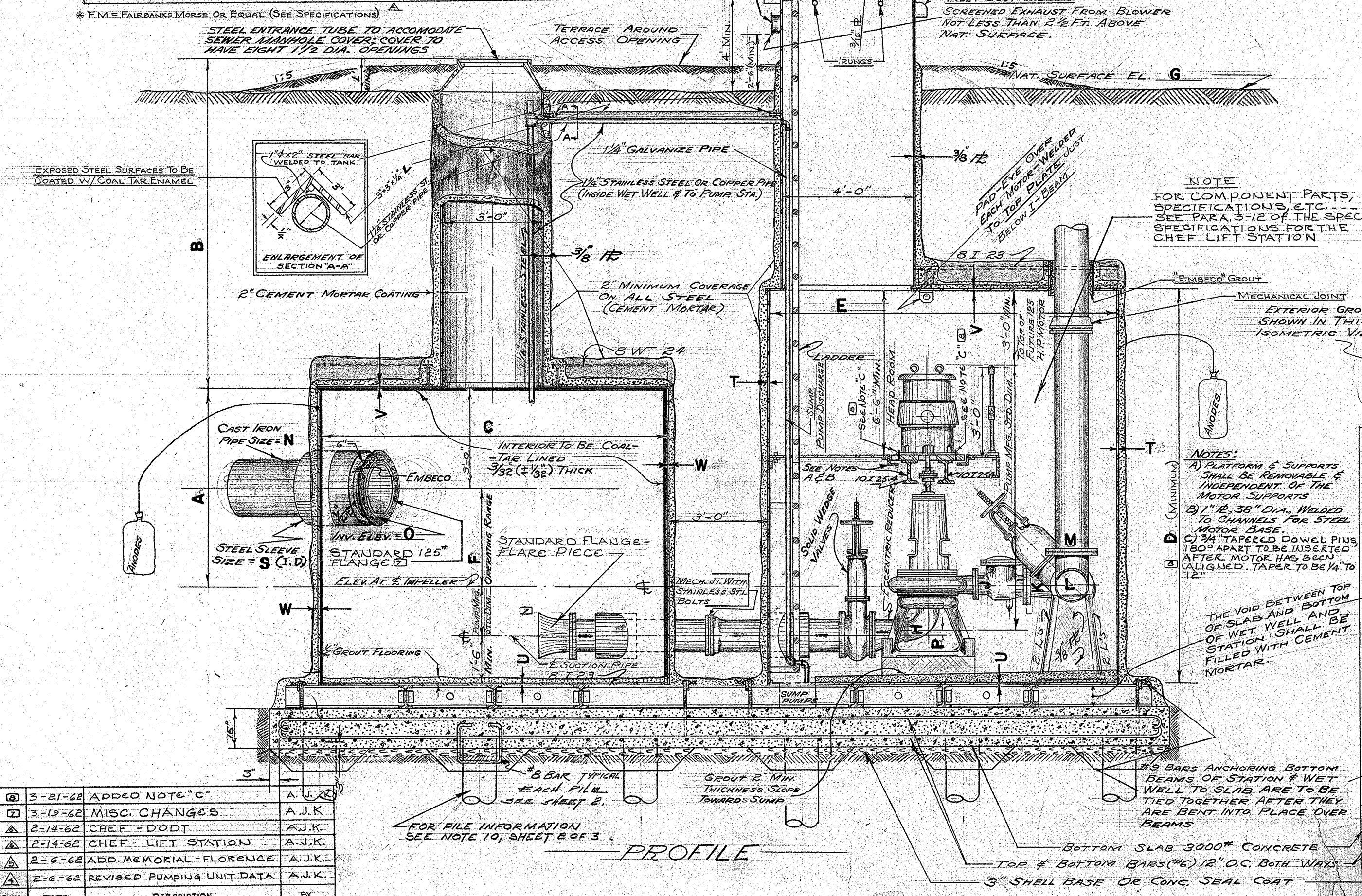
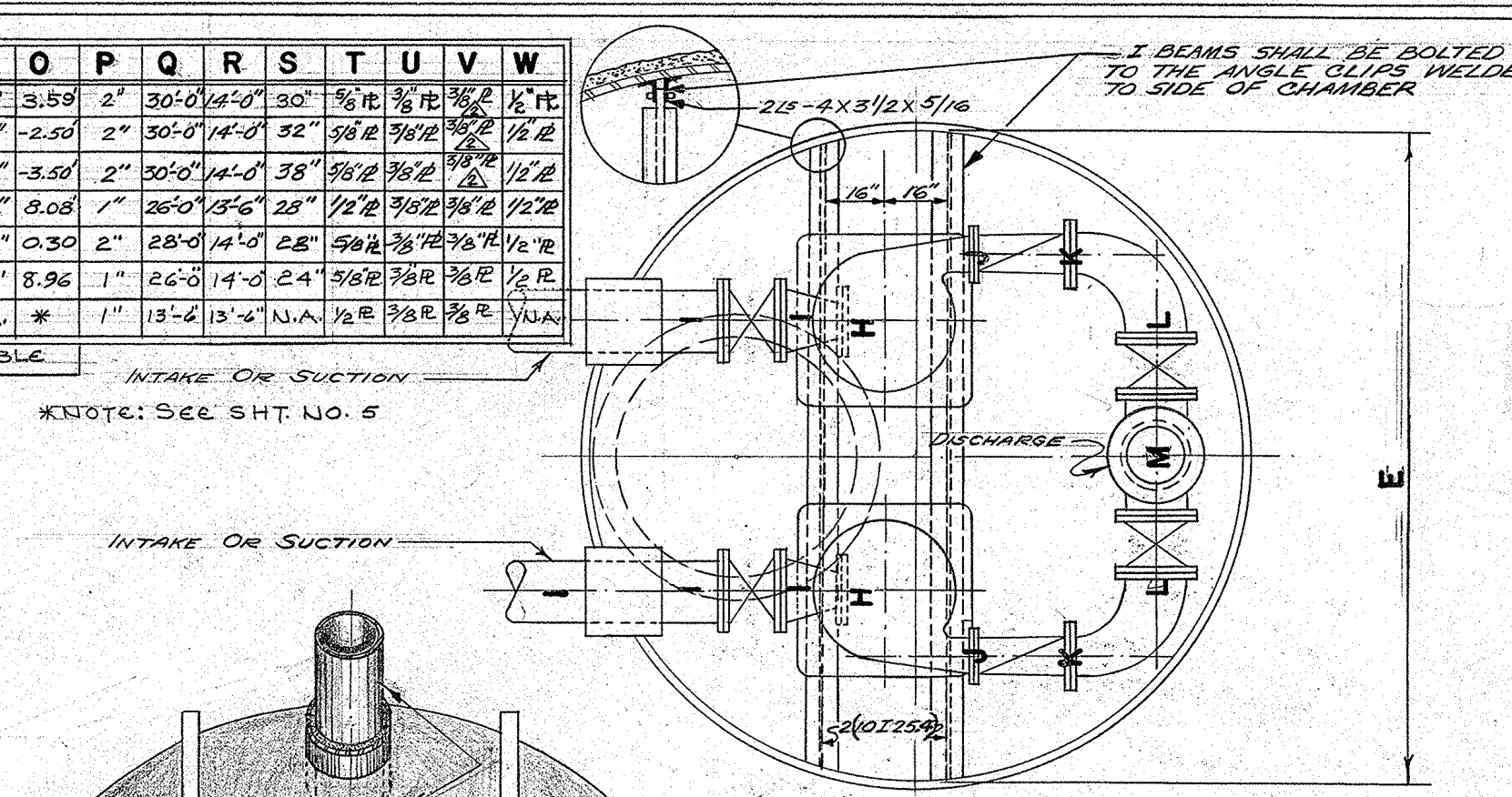
PLAN VIEW

	A	B	C	D	E	F	G	H	I	J	K	L	M
PROSPER PLAZA	7'-0" 13'-0"	11'-0"	15'-0"	11'-0"	14'-0"	19'-5"	8"	12"	8"	10"	12"	16"	
MORRISON LUMBER	6'-6"	15'-6"	11'-0"	14'-0"	11'-0"	3'-6"	15'-5"	8"	12"	8"	10"	12"	16"
MORRISON BURKE	6'-6"	17'-3"	11'-0"	14'-0"	11'-0"	5'-6"	17'-0"	8"	12"	8"	10"	12"	16"
GENTILLY STREET A	5'-12"	15'-0"	15'-0"	12'-6"	10'-6"	2'-0"	23'-5"	8"	10"	6"	8"	10"	12"
MCNOLIA FLORENCE	5'-12"	15'-0"	10'-0"	15'-0"	11'-0"	3'-5"	19'-3"	8"	12"	8"	10"	12"	16"
CHEF DODD	5'-0"	11'-0"	8'-6"	15'-0"	11'-0"	2'-0"	23'-5"	8"	10"	8"	10"	12"	16"
CHEF LIFT STA.	N.A.	N.A.	N.A.	13'-0"	7'-6"	N.A.	21'-0"	8"	10"	5"	8"	8"	8"

INTER-DIST. OBSERVING

NOTE: N.A. = NOT APPLICABLE

NOTE: N.A. = NOT APPLICABLE



REV.	DATE	DESCRIPTION	BY
1	3-21-68	ADDED NOTE "C"	A.J.K.
2	3-19-68	MISC. CHANGES	A.J.K.
3	2-14-62	CHEF - DODD	A.J.K.
4	2-14-62	CHEF - LIFT STATION	A.J.K.
5	2-8-62	ADD. MEMORIAL - FLORENCE	A.J.K.
6	2-8-62	REVISED PUMPING UNIT DATA	A.J.K.

PROFILE

- NOTES:
- FOR ELEC. & PNEUMATIC DETAILS SEE DWG. NO. 1155 - P-1
  - STEEL PLATFORM UNDER MOTOR SHALL BE 1/4" DUMPS PLATE COVERED BY A CEMENT RUBBER MAT.
  - STEEL TANKS & THE WELDING OF THESE TANKS SHALL CONFORM TO SECTION VIII "UNFIRE PRESSURE VESSELS" OF THE ASME BOILER & PRESSURE VESSEL CODE.
  - LOCATION OF ALL STATION COMPONENTS ARE NOT SHOWN ON THIS PLAN. COMPONENTS ARE TO BE PLACED BY THE FURNISHING CONTRACTOR & APPROVED BY THE BOARD'S ENGINEERS.

REV.	DATE	DESCRIPTION	BY
1	1-9-62	ADDED GENTILLY - STREET A	CRM
2	1-9-62	REVISED DIMENSIONS IN	CRM
3	11-17-61	ADDED NOTES & SHEET "2"	CRM

SEWERAGE AND WATER BOARD OF NEW ORLEANS

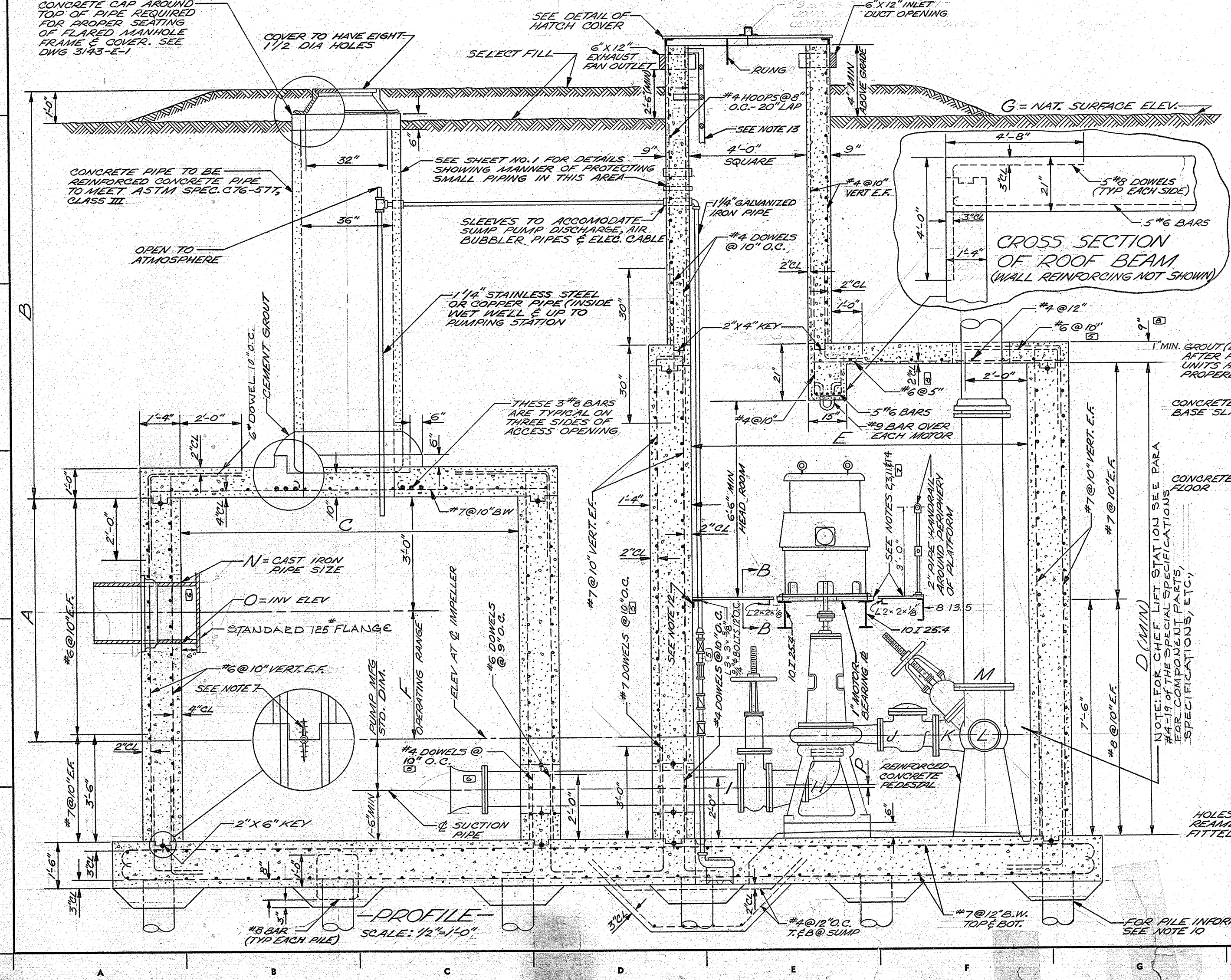
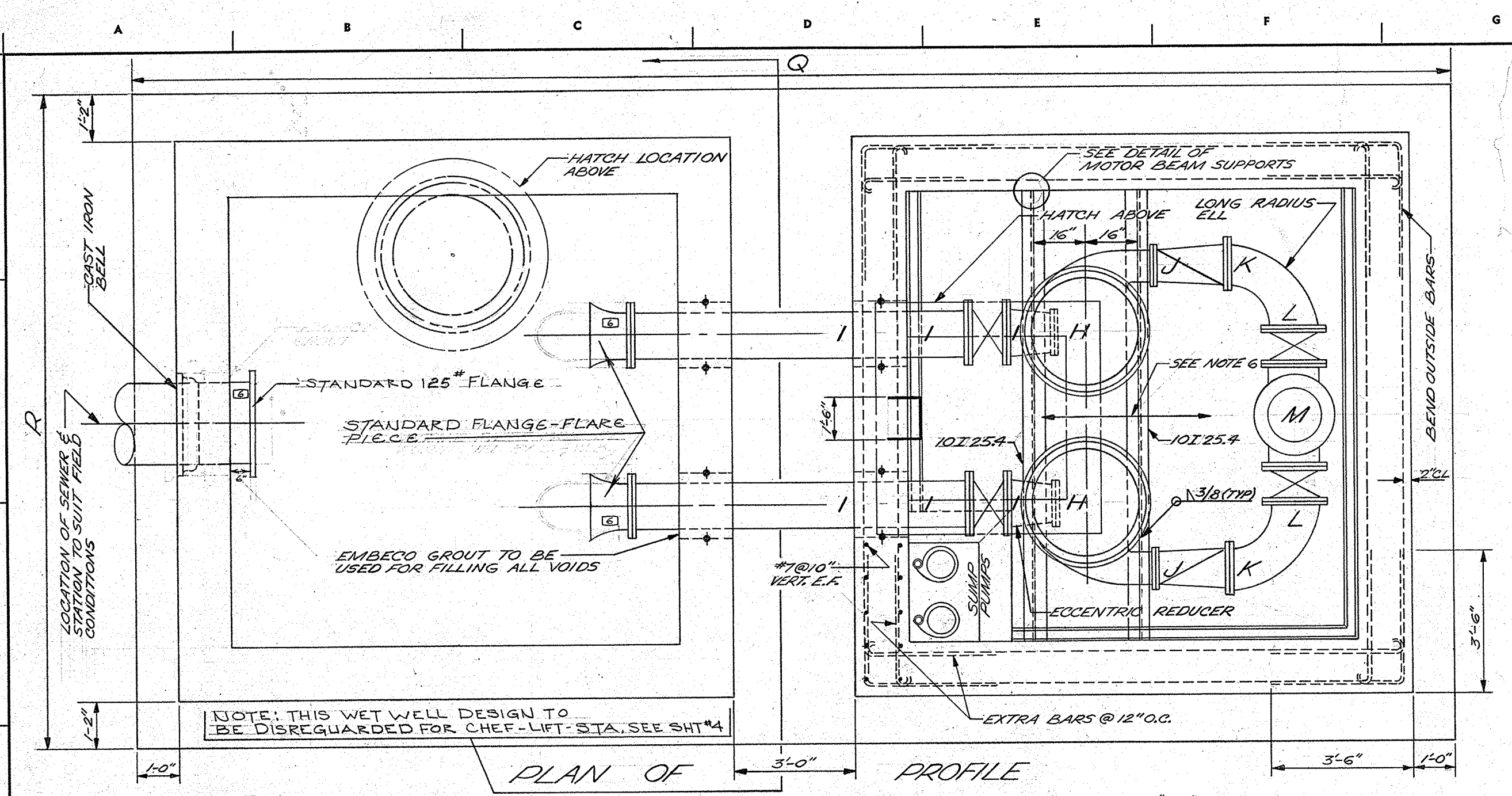
STEEL SEWAGE PUMPING STATION & WET WELL FOR SUBURBAN AREAS

DR. DONALD C. CARRARA	TRC.	CR. J. H. HAWLEY	AP. J. H. HAWLEY
DWG. No. 6000-G-9		DATE: 7/28/61	

FOR INFORMATION ONLY

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
DETAILS - PS Details 2			
DR. DK			
TRC. DK			
CR. RI			
AP.			
SCALE:			
DATE: 7/29/2025	SHEET NO.	SHEET NO. 16 OF 22	

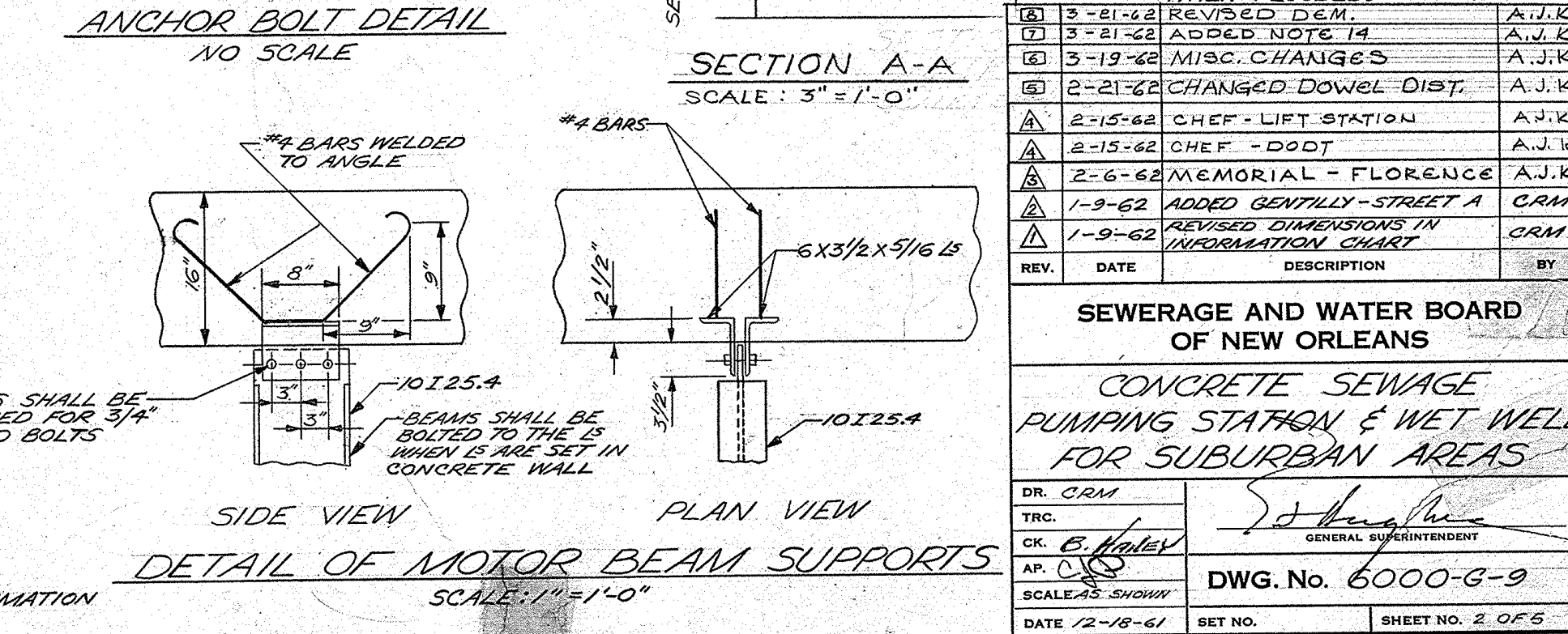
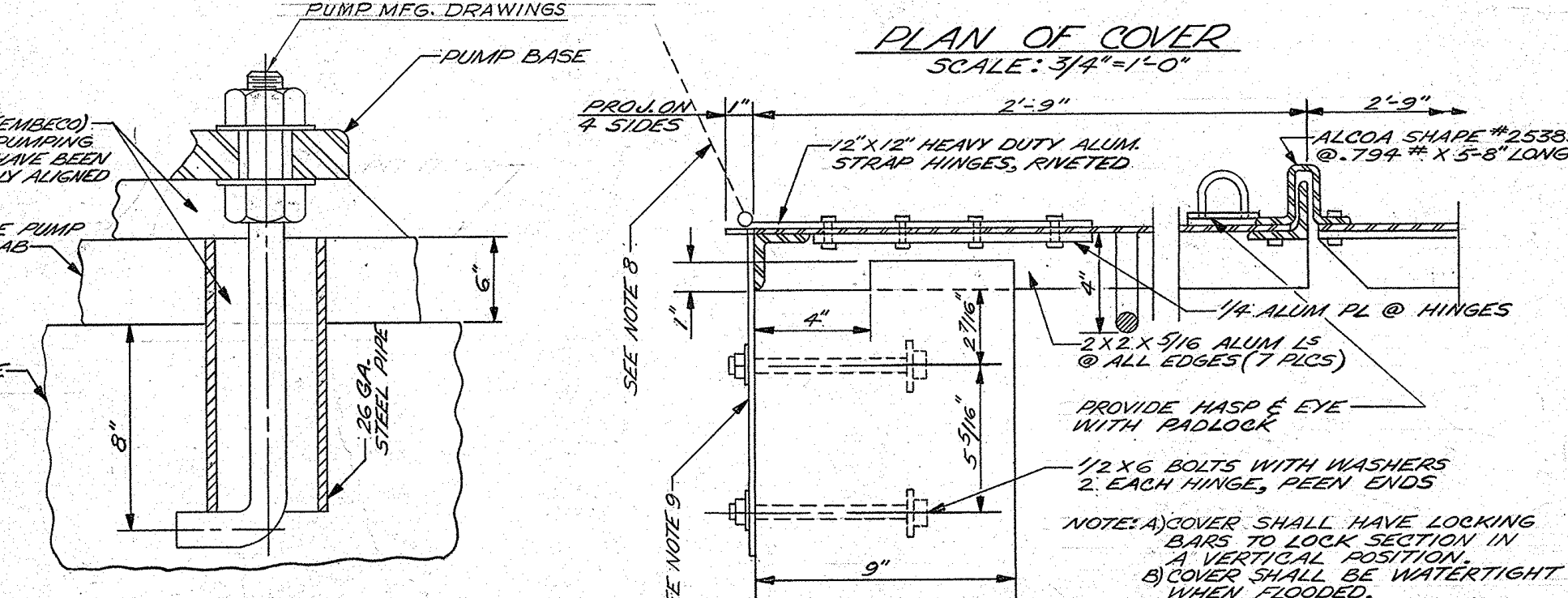
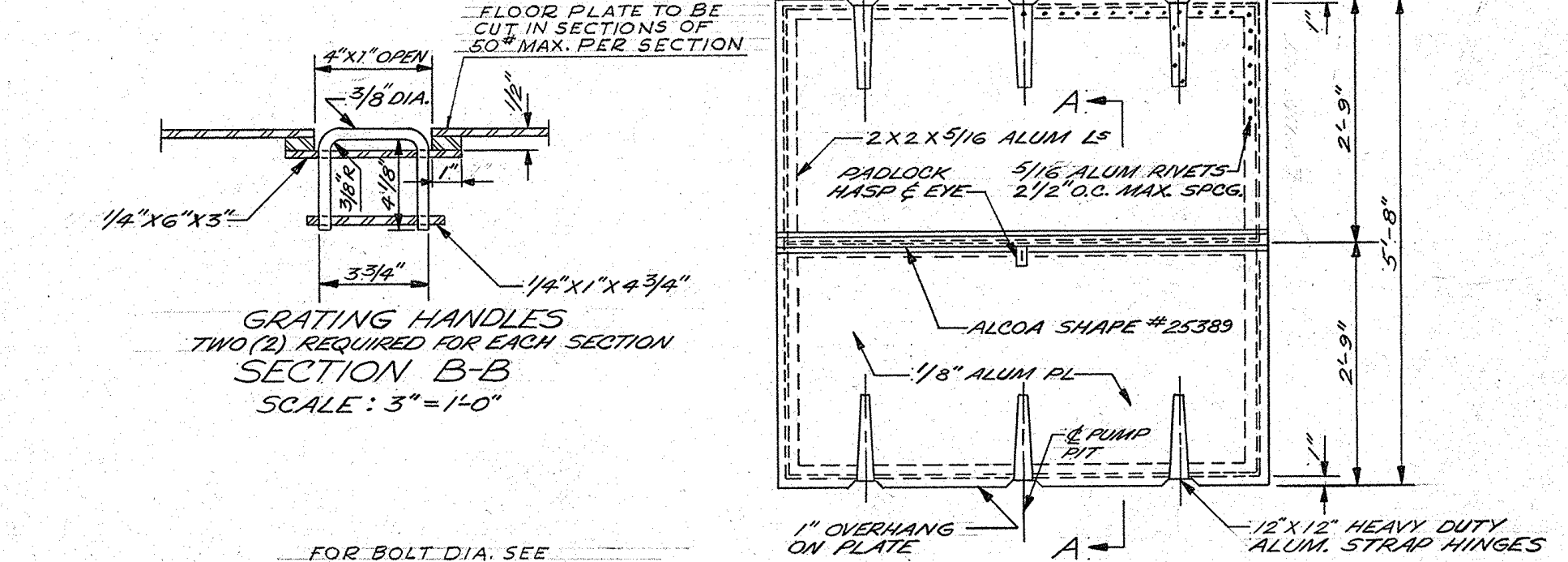




INFORMATION CHART																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	X
PROSPER PLAZA	13-0	11-0	15-0	11-0	4-0	13-5	8"	12"	8"	10"	12"	16"	24"	35-9	2"	32-4	16-0		0
MORRISON-LAWRENCE	6-6	15-6	11-0	15-6	11-0	5-6	15-5	8"	12"	8"	10"	12"	16"	24"	2-0	32-4	16-0	18	
MORRISON-BURKE	6-6	17-9	11-0	15-6	11-0	5-6	17-0	8"	12"	8"	10"	12"	16"	30"	3-0	32-4	16-0	18	
GENTILLY-STREET A	5-10	14-8	9-10	14-2	10-6	2-10	23-5	8"	10"	6"	8"	10"	12"	20"	5-08	1"	28-8	15-6	18
MEMORIAL-FLORENCE	6-5	15-8	10-0	15-0	11-0	5-5	19-0	8"	12"	8"	10"	12"	16"	20"	0-30	2"	31-4	16-0	18
CHEF-DODT	5-10	11-0	8-6	15-0	11-0	2-10	23-5	8"	10"	8"	10"	12"	16"	8-96	1"	24-0	16-0	18	
CHEF-LIFT STA.	N.A.	N.A.	N.A.	13-0	9-6	N.A.	21-0	8"	10"	6"	8"	8"	8"	N.A.	*	1"	14-2	14-2	9

Note: N.A. = Not Applicable \* See SHT. NO. 5

- NOTES:
- 1) FOR ELEC. & PNEUMATIC DETAILS SEE DWG. #1155-P-1, #1157-P-1 & #1158-P-1
  - 2) STEEL PLATFORM AT MOTOR BASE LEVEL SHALL BE 1/4" DIAMOND PLATE COVERED BY A CEMENT RUBBER MAT.
  - 3) PLATFORM & SUPPORTS SHALL BE REMOVABLE & INDEPENDENT OF MOTOR SUPPORTS.
  - 4) LOCATION OF ALL STATION COMPONENTS ARE NOT SHOWN ON THIS PLAN. COMPONENTS ARE TO BE PLACED BY THE FURNISHING CONTRACTOR & APPROVED BY THE BOARD'S ENGINEERS.
  - 5) FOR ALTERNATE PIPING ARRANGEMENT SEE DWG. #6000-G-9, SHEET 1 OF 3.
  - 6) FLOOR SHALL SLOPE TOWARD TROUGHS ON EACH SIDE & TROUGHS SHALL SLOPE TOWARD SUMP.
  - 7) USE 9" RIVERTEX-OMICRON ALUM. OR EQUAL WATERSTOPS (TYP)
  - 8) EACH SECTION OF COVER TO HAVE LOCKING BARS TO LIMIT EXTENT OF OPENING THUS:
  - 9) COVER TO BE OF ALL ALUM. CONST. BOLTS MAY BE OF NON-FERROUS METAL OR MAY BE GALVANIZED STEEL.
  - 10) IN INFORMATION CHART DENOTES NUMBER OF RILES REQUIRED UNDER FOUNDATION SLAB SPACED AS DIRECTED BY ENGINEER. RILES TO BE 30" UNTREATED WOOD RILES.
  - 11) 1/2", 3/8" DIA. WELDED TO T-BEAMS FOR STEEL MOTOR BASE.
  - 12) 1/2" FOR RODS SUPPORTS & COMPONENT SUPPORTS THAT ARE TO BE MOUNTED ON THE WALLS SHALL BE DONE WITH THE USE OF CONCRETE INSERTS WITH BOLTS.
  - 13) LADDER TO BE AS SHOWN ON SHEET #1, WITH SUPPORTS INSERTED IN WALL EVERY 6 FEET BOLTED TO LADDER.
  - 14) 3/4" TAPERED DOWEL PINS 18" APART TO BE INSERTED AFTER MOTOR HAS BEEN ALIGNED, TAPER TO BE 1/4" TO 12".

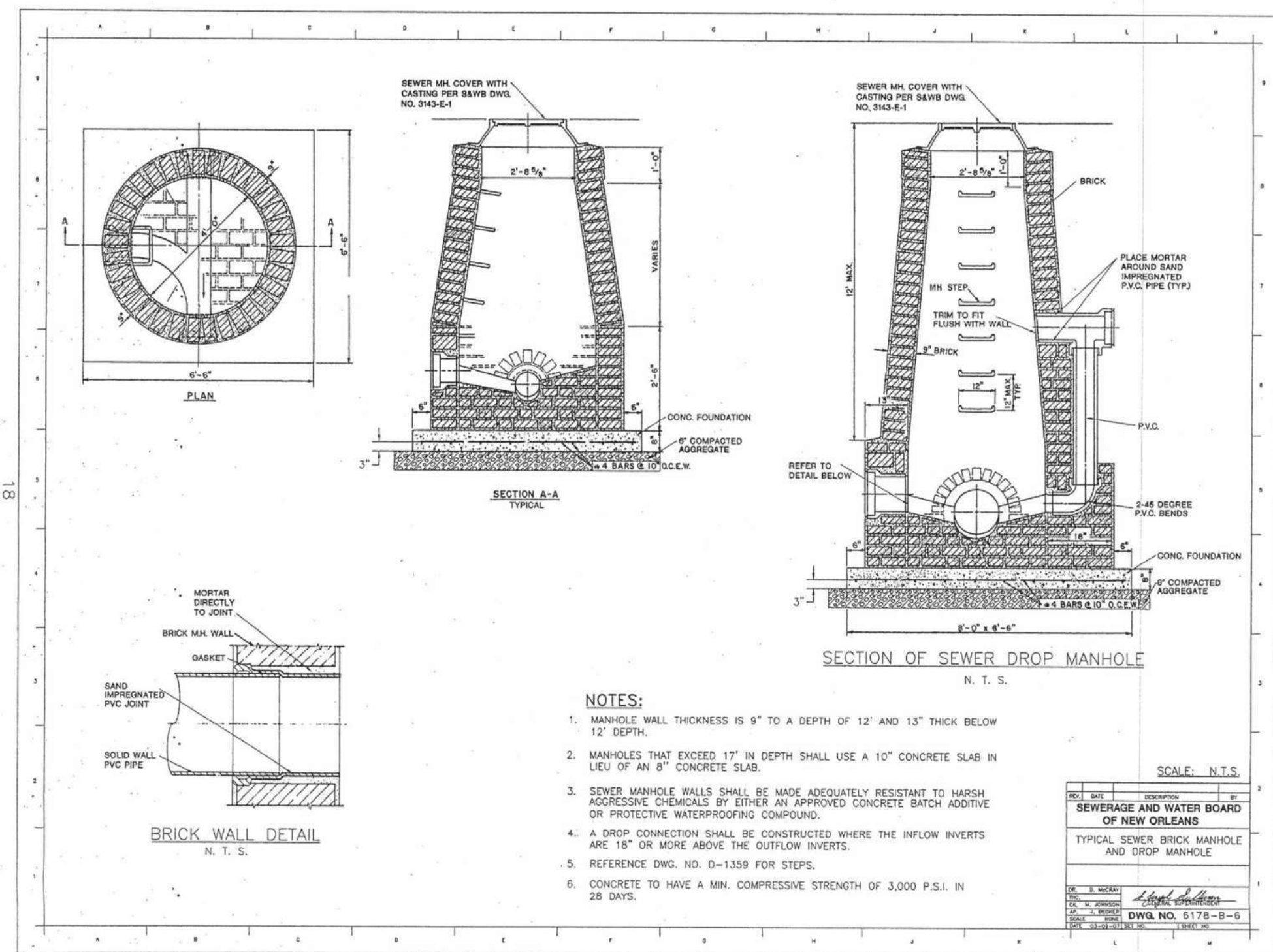
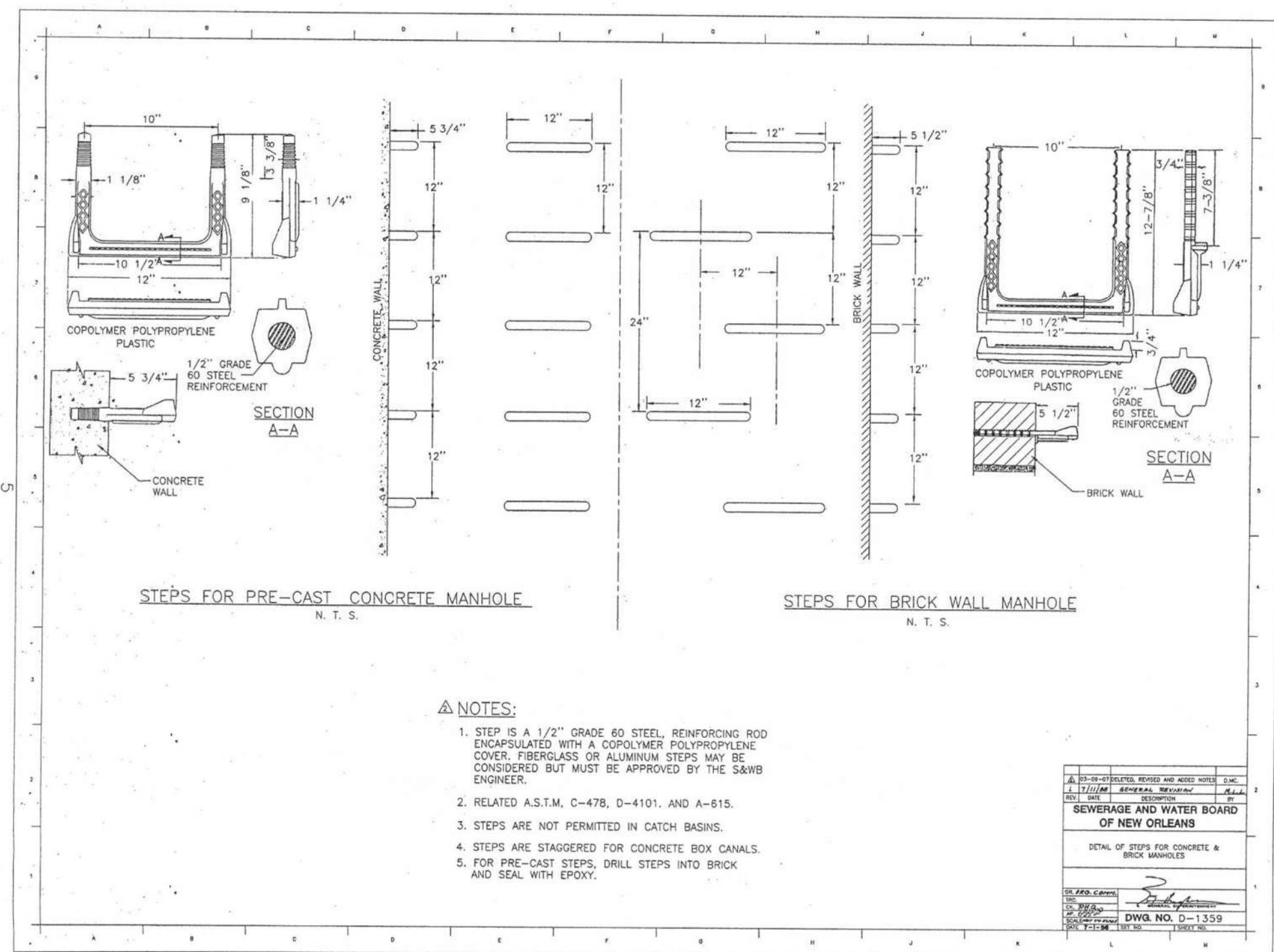
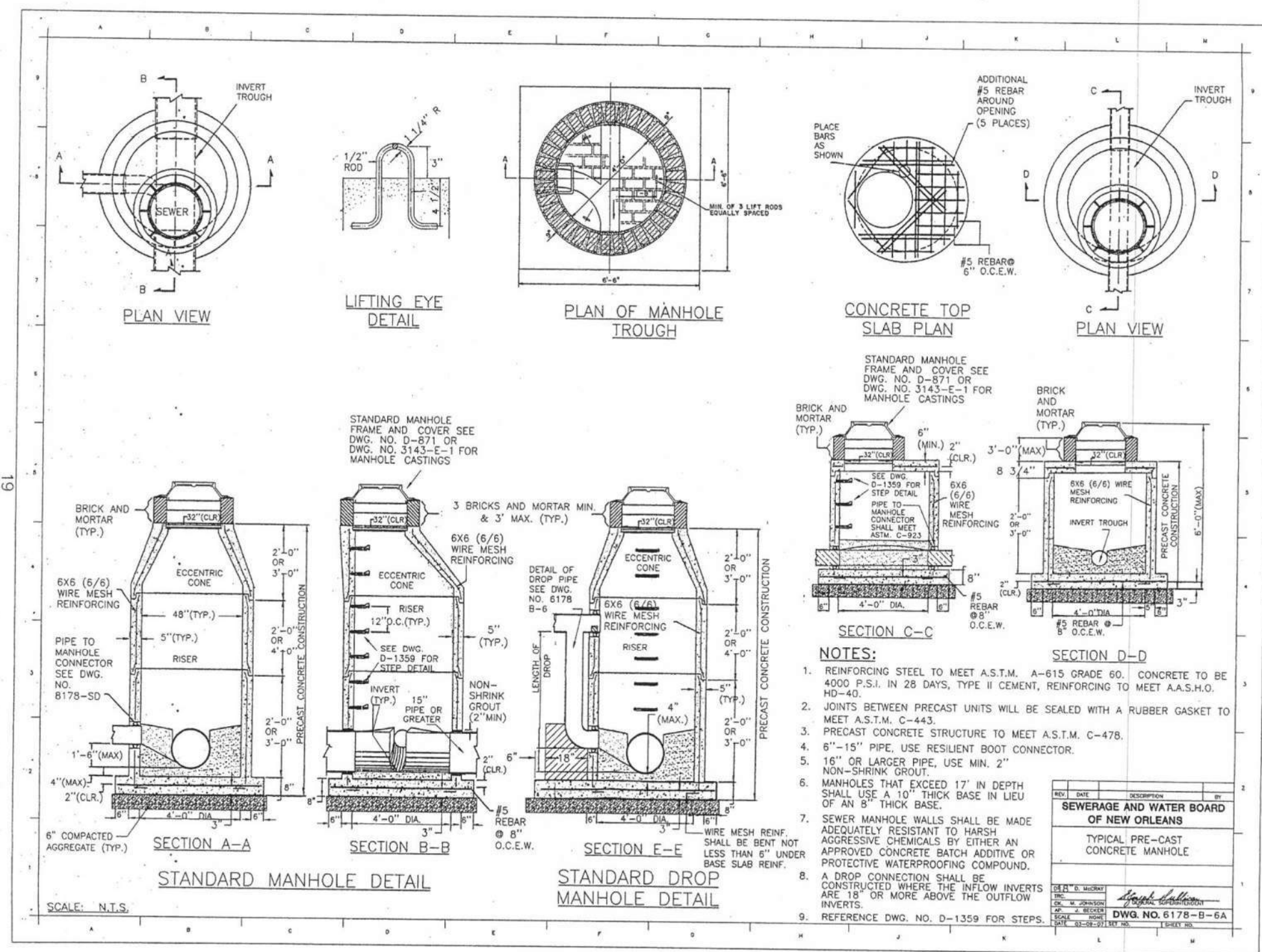
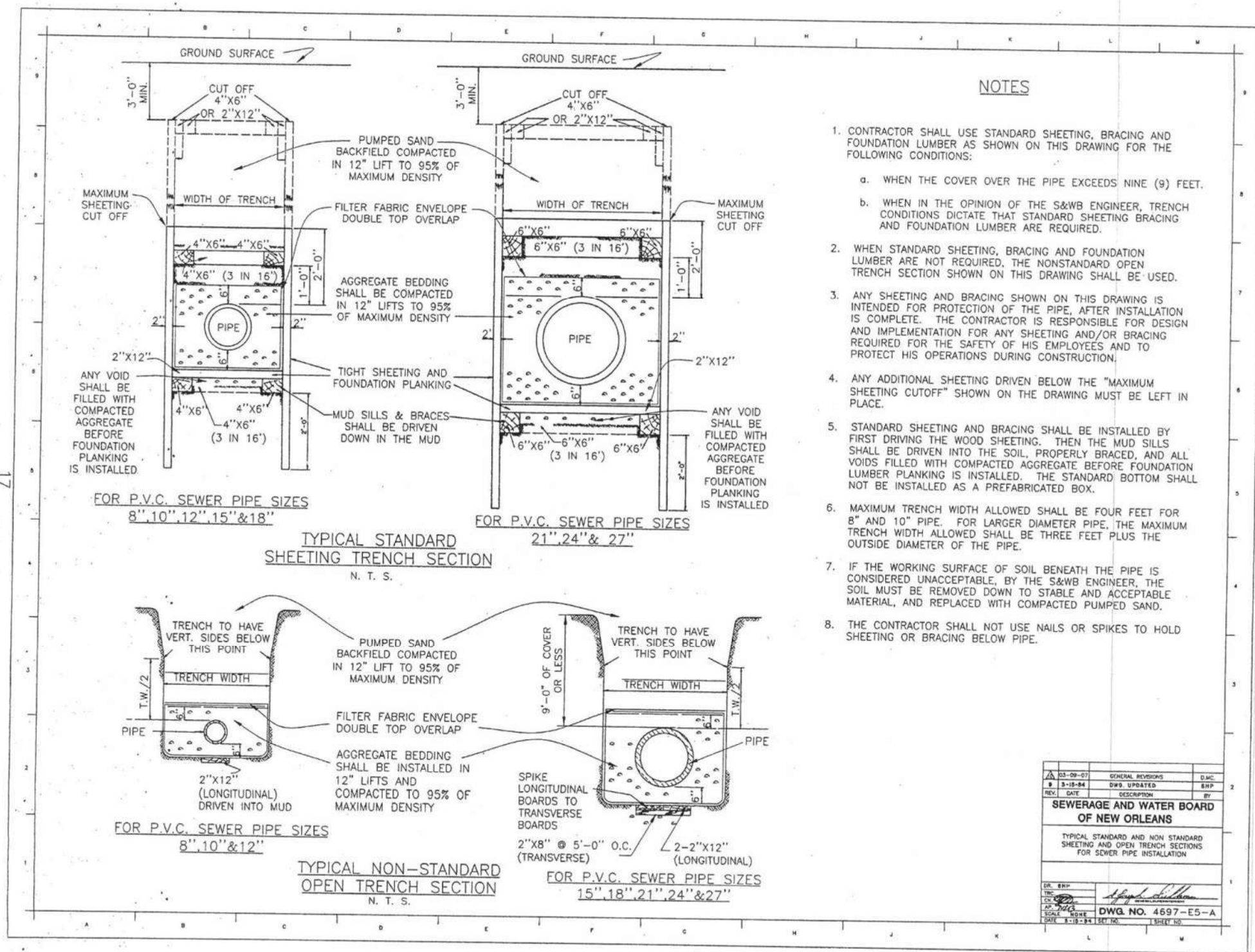


SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONCRETE SEWAGE PUMPING STATION & WET WELL FOR SUBURBAN AREAS			
DR. CRM	TRC. CRM	AP. CRM	SCALE: 3/4"=1'-0"
DATE 12-18-61	SHEET NO.	SHEET NO. 2 OF 6	

FOR INFORMATION ONLY

SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
DETAILS - PS Details 3			
DR. DK	TRC. DK	CK. RI	AP.
SCALE:	DWG. NO. 8596-S		
DATE: 7/29/2025	SHEET NO.	SHEET NO. 17 OF 22	



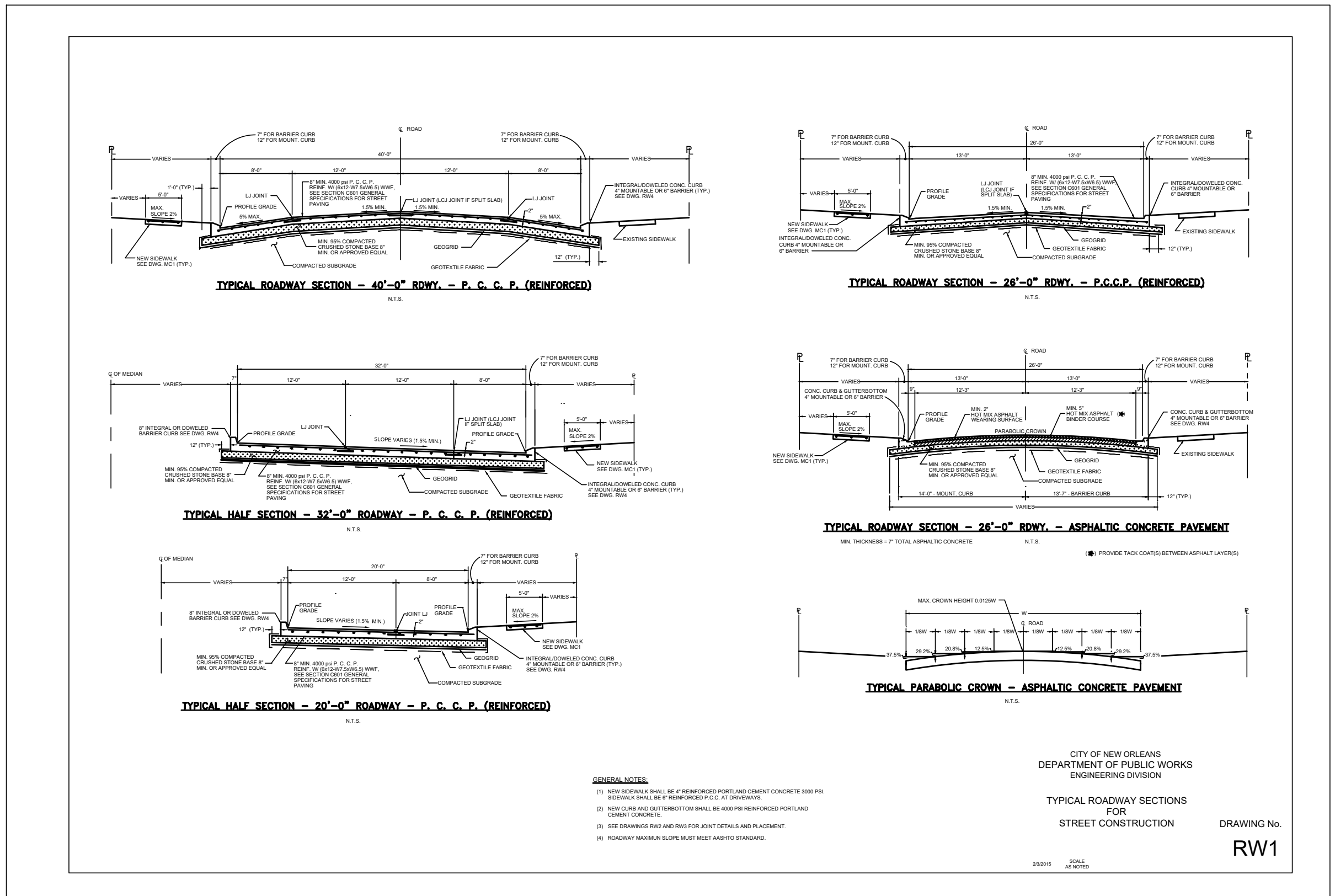
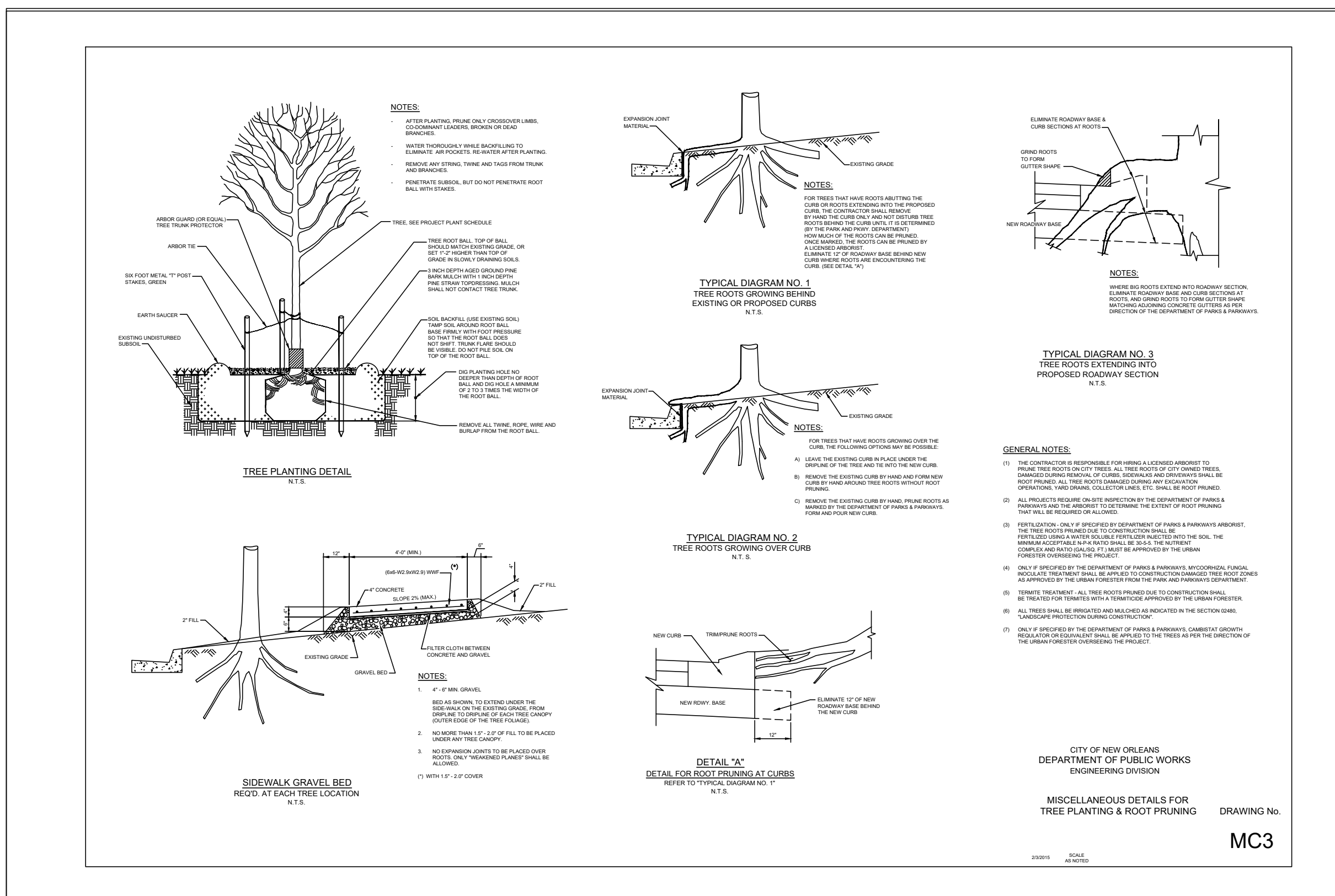


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
DETAILS - Details 1			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE:			
DATE: 7/29/2025	SET NO.	SHEET NO. 18 OF 22	

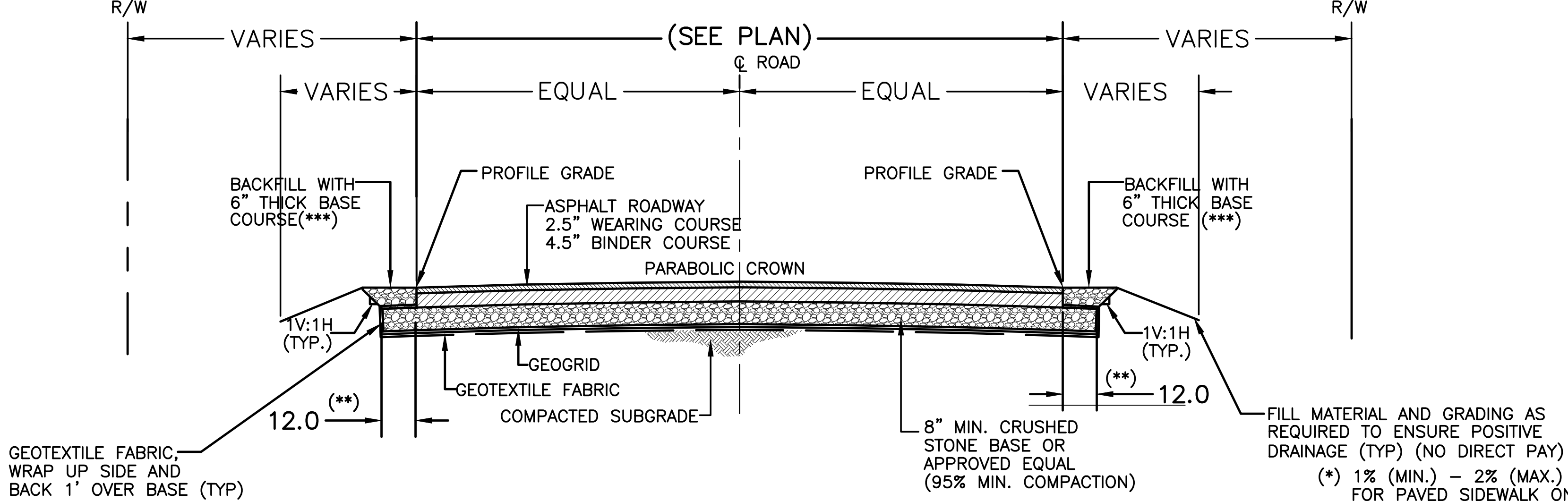
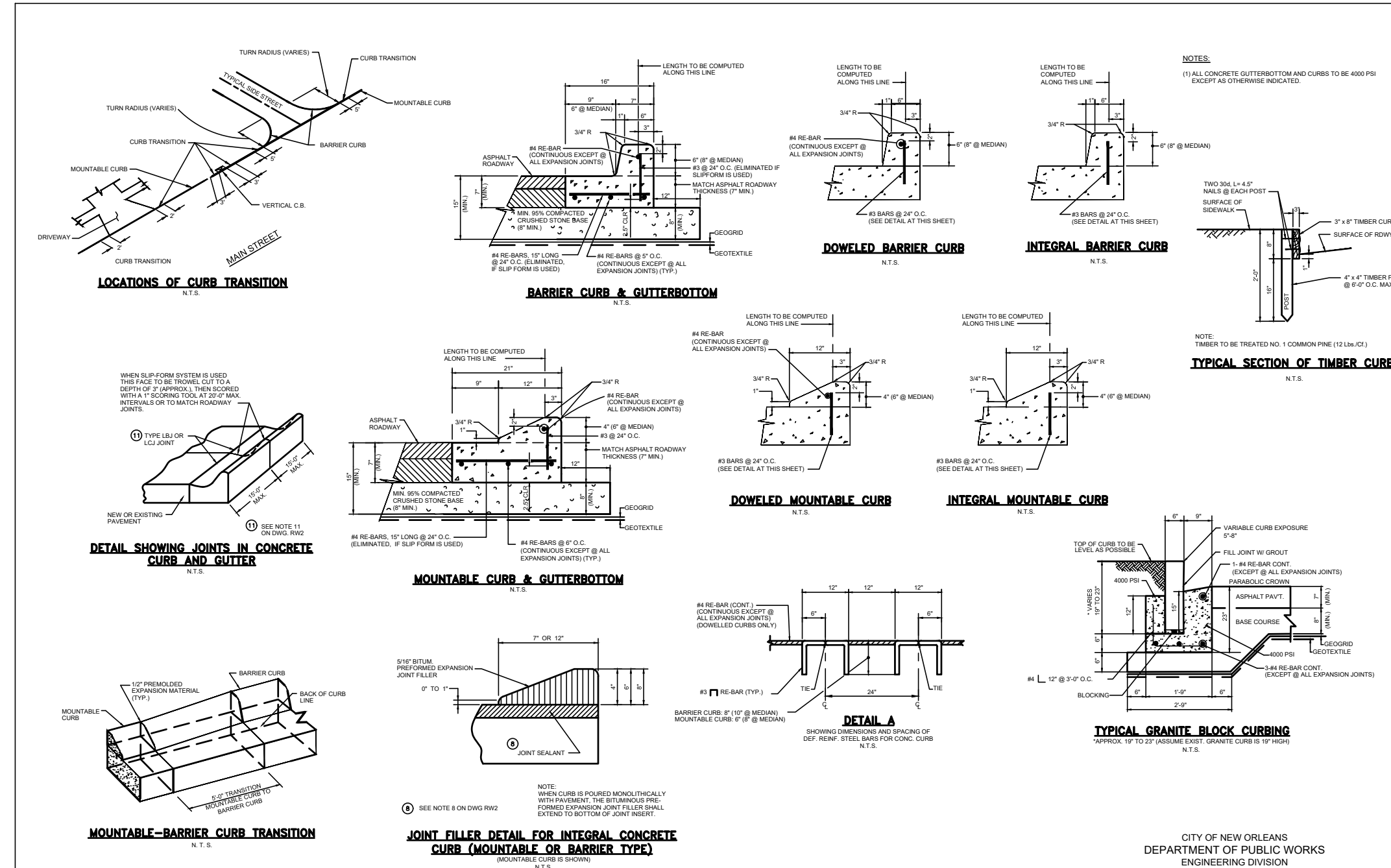
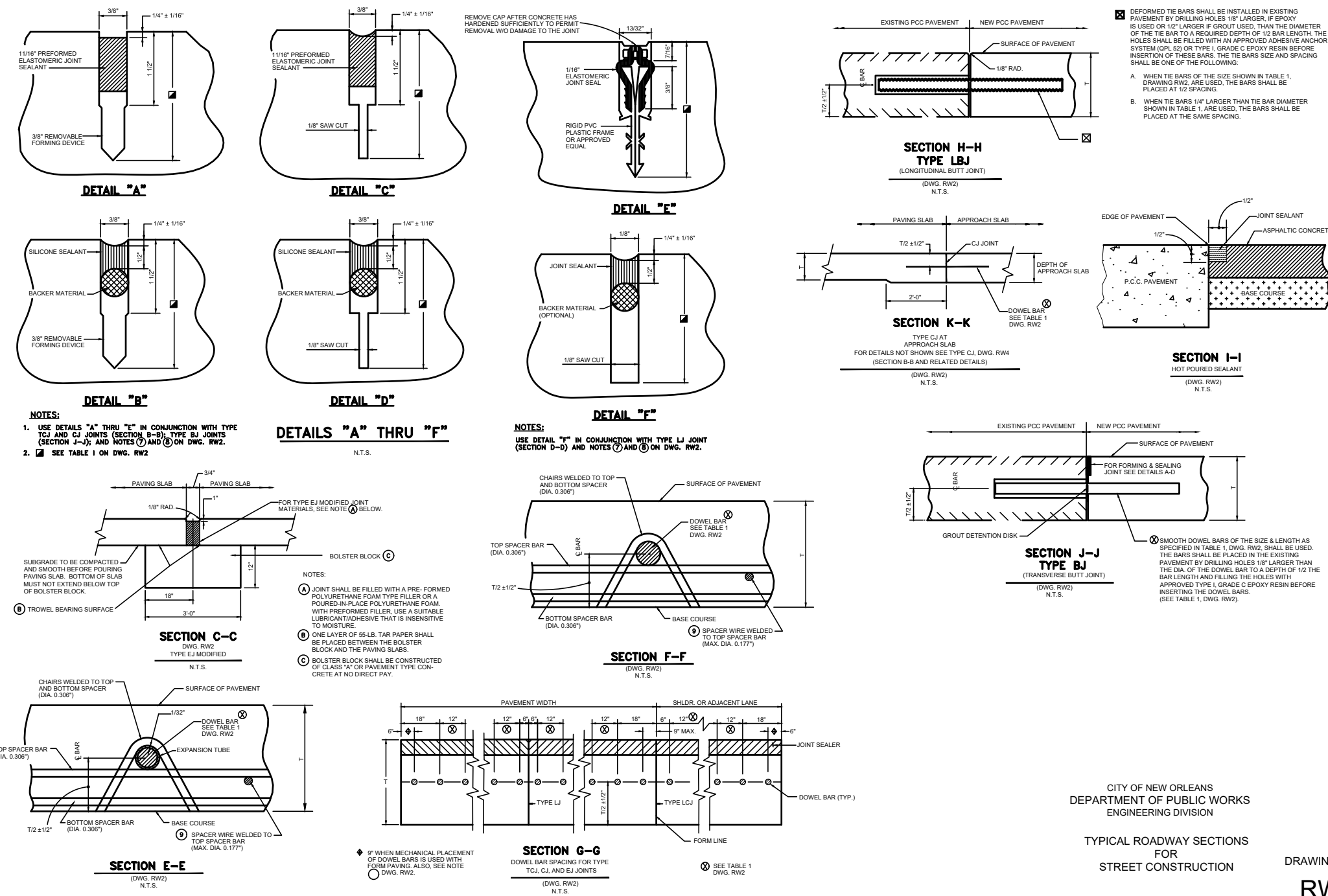






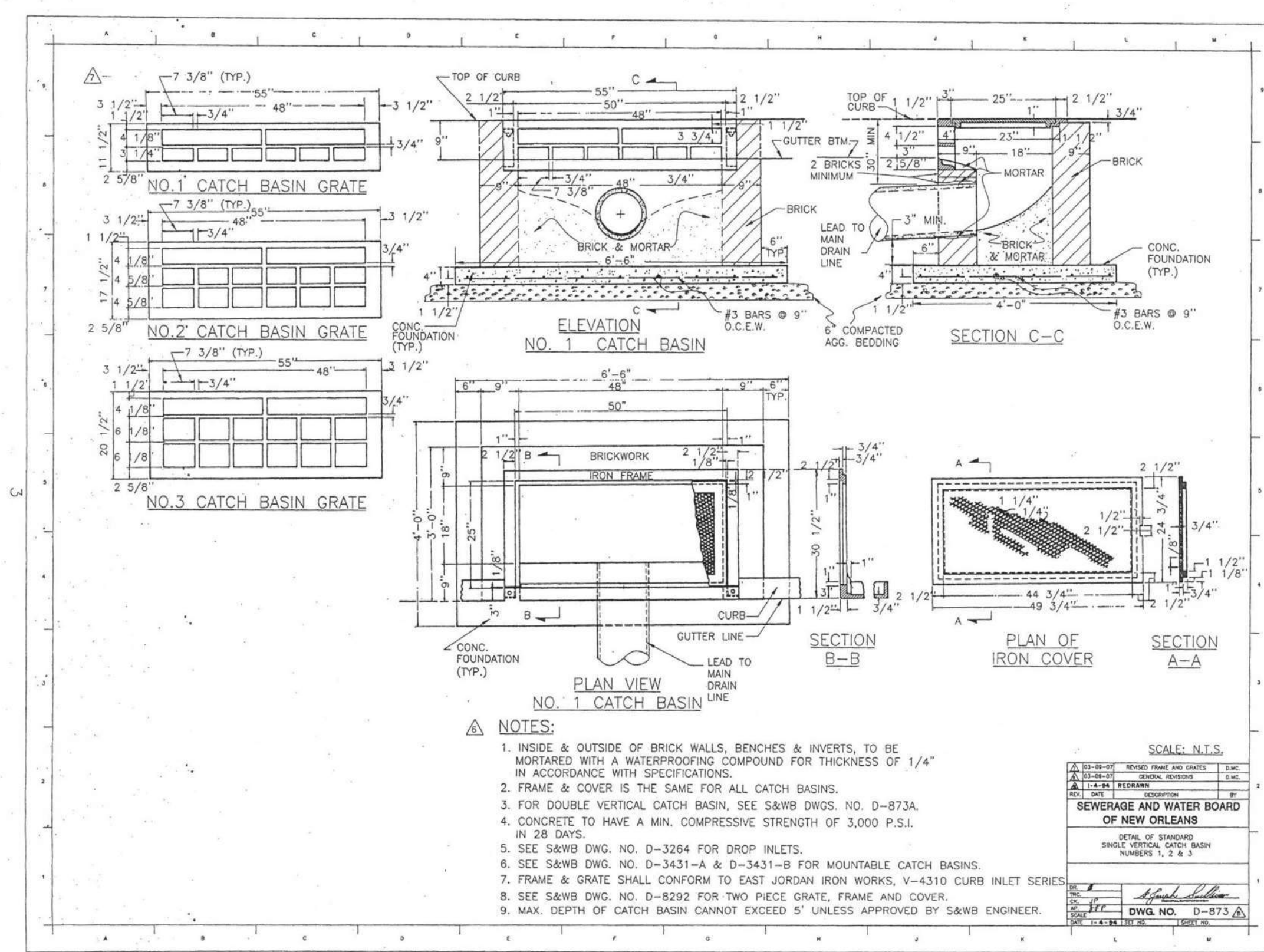


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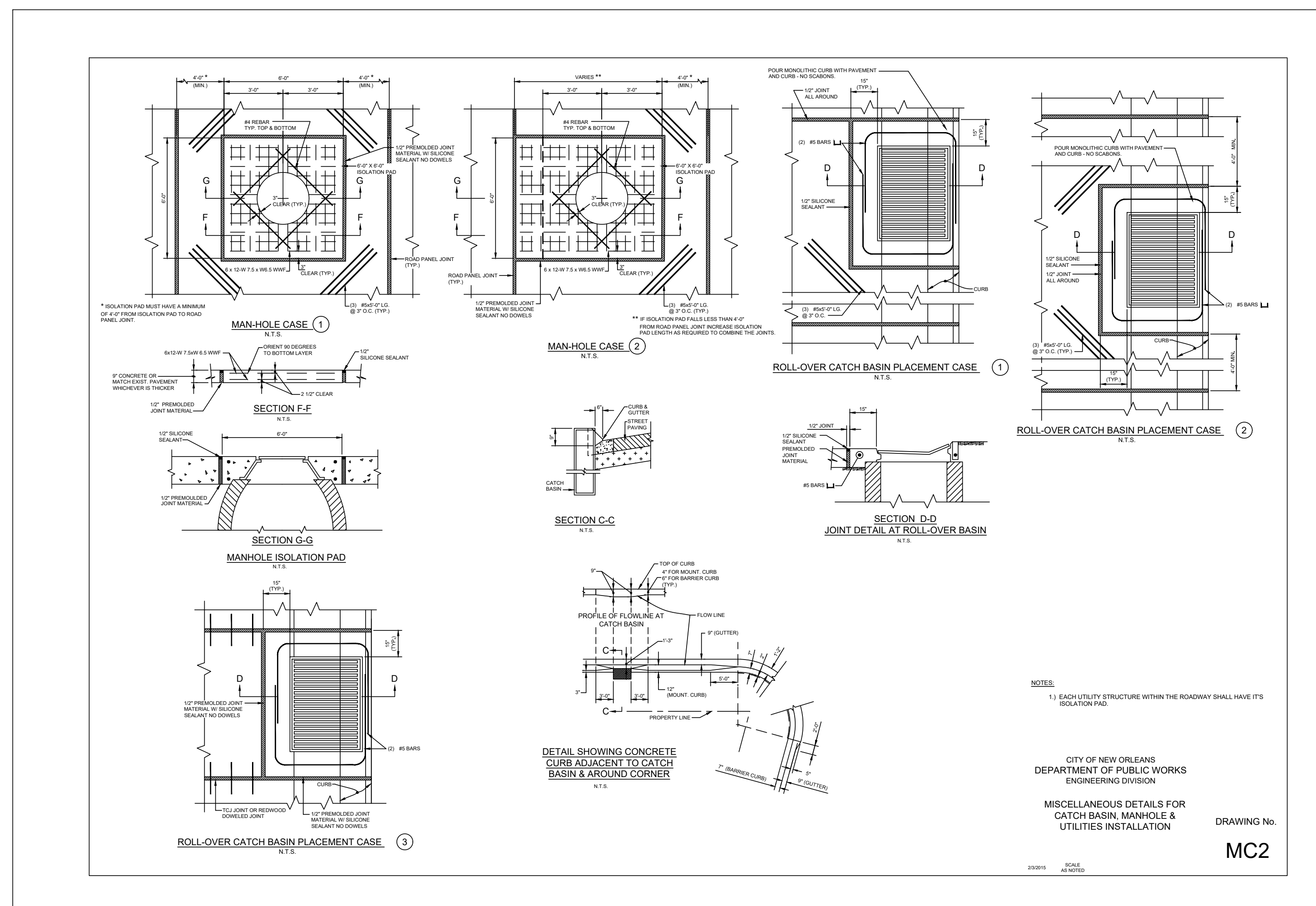
TYPICAL ASPHALT ROADWAY SECTION WITHOUT CURBS

NTS



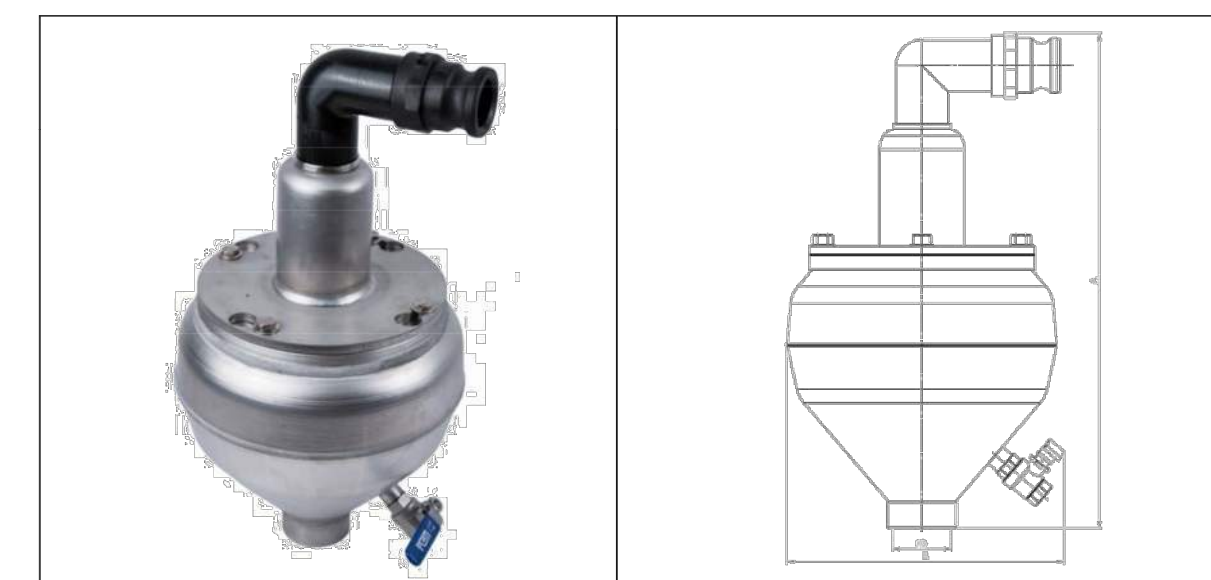
REV.				DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS						
CONTRACT 30200						
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT						
DETAILS - Details 4						
DR. DK	DWG. NO. 8596-S					
TRC. DK						
CK. RI						
AP.						
SCALE:						
DATE: 7/29/2025	SET NO.	SHEET NO. 21 OF 22				





## Automatic Air and Vacuum Valve for Waste Water

**Model 989-00**  
Automatic air release and vacuum valve, short body, ss 316,  
for operating ranges: 0 – 150 PSI (10 Bar),  
outdoor application possible



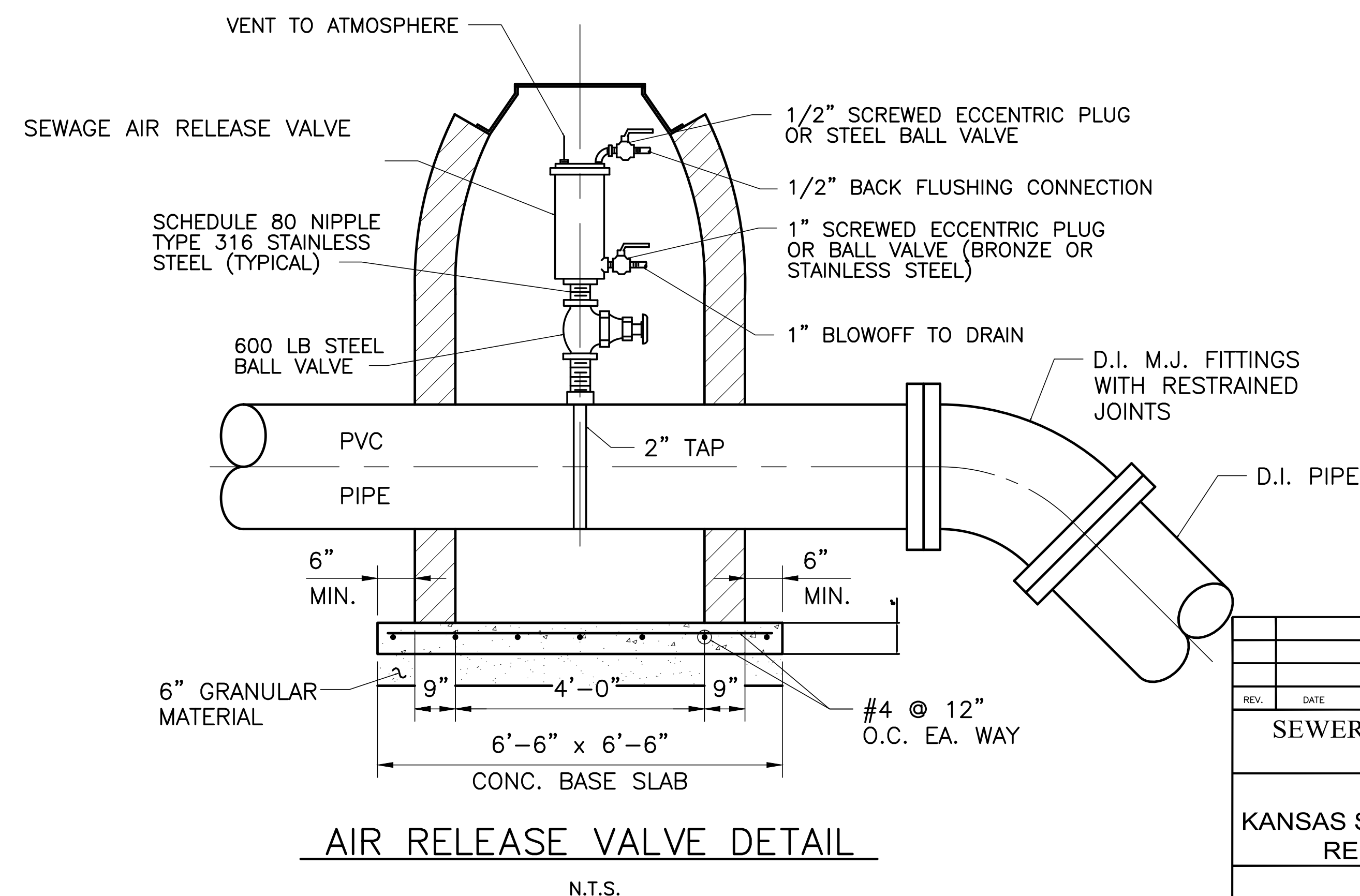
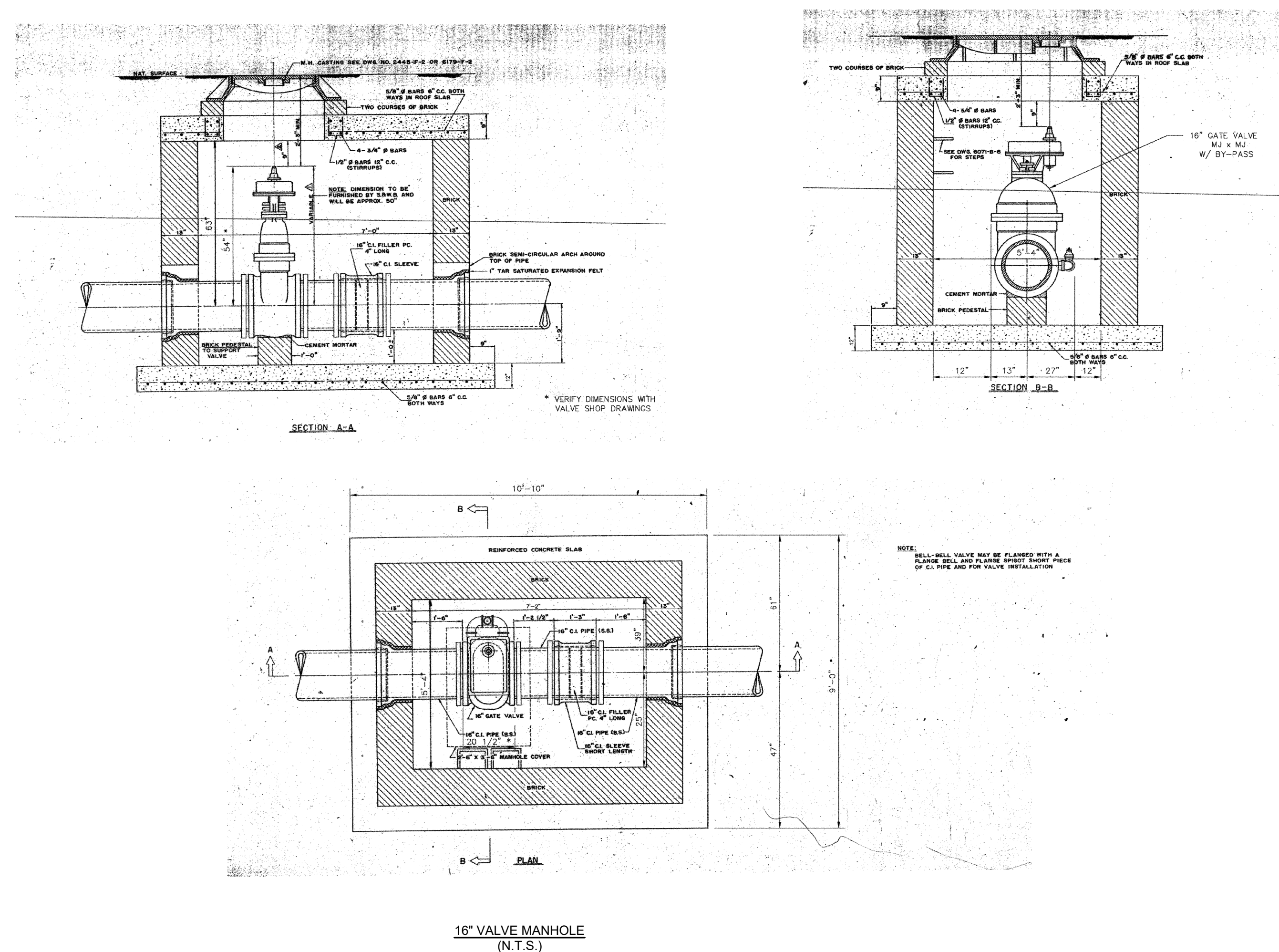
### Features:

Automatic and infinitely variable air valve for waste water applications.  
Recommended for outdoor application in frost-free areas.  
Maximum Operating Pressure: 150 PSI (10 Bar)  
Operating Range: 0 – 150 PSI (0 - 10 Bar)  
Valve body of stainless steel 316  
Valve seat does not contact the medium (air cushion).  
All mechanical parts are manufactured of corrosion-resistant materials.

**Valve Maintenance:**

Air valves must be tested for function and maintained at least once per year.

1061 Triad Court, West Oak Business Park II, Suite 5 - Marietta, GA 30062 - Phone: +1 770-818-0670 – [www.h-tec.us](http://www.h-tec.us)  
Edition March 2019 – Subject to alteration without notice



REV.	DATE	DESCRIPTION		BY
<b>SEWERAGE AND WATER BOARD OF NEW ORLEANS</b>				
<b>CONTRACT 30200</b>				
<b>KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT</b>				
DETAILS — Details 5				
DR. DK				
TRC. DK				
CK. RI				
AP.				
SCALE:				
DATE: 7/29/2025		SET NO.	SHEET NO. 22 OF 22	



LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Sewerage and Water Board of New Orleans  
Purchasing Department, Room 133  
625 St. Joseph St  
New Orleans, LA 70165

**BID FOR:** Contract 30200  
Kansas Street Sewer Force Main Replacement Project

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: ILSI Engineering, and dated: February 19, 2024

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging)

\_\_\_\_\_.

**TOTAL BASE BID:** For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" \* but not alternates) the sum of:

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**ALTERNATES:** For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

**NOTE TO BIDDERS:** ( Insert Applicable Notes if Alternates are required)

**NAME OF BIDDER:** \_\_\_\_\_

**ADDRESS OF BIDDER:** \_\_\_\_\_

**LOUISIANA CONTRACTOR'S LICENSE NUMBER:** \_\_\_\_\_

**NAME OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**TITLE OF AUTHORIZED SIGNATORY OF BIDDER:** \_\_\_\_\_

**SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER \*\*: \_\_\_\_\_**

**DATE:** \_\_\_\_\_

\* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

\*\* If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A)(1)(c) or RS 38:2212(O) .

**BID SECURITY** in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid



# LOUISIANA UNIFORM PUBLIC WORK BID FORM

## UNIT PRICE FORM

**TO:** Sewerage and Water Board of New Orleans  
Purchasing Department, Rm 133  
625 St. Joseph St  
New Orleans, LA 70165

**BID FOR:** Contract 30200  
Kansas Street Sewer Force Main  
Replacement Project

**UNIT PRICES:** This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Removal and Disposal of Existing Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C202(52)(C)	309	SY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Removal and Disposal of Existing Sidewalk, Driveway, Foot Lap (Concrete, Brick, Asphalt, or etc.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C202(52)D	7	SY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Removal and Disposal of Existing Curb (Concrete, Asphalt, Brick, etc.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C202(52)(E)	84	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Removal and Disposal of Existing Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C202(52)(I)	301	SY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Roadway Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C203(51)	108	CY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Geotextile Fabric for Stabilization			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C203(59)	983	SY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C203(60)	447	SY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
C302(51)	108	CY		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Superpave Asphaltic Concrete Wearing Course (2" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C502(53)-1	301	SY		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Superpave Asphaltic Concrete Binder Course (5" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C502(53)-2	301	SY		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Reinforced Concrete Pavement (8" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C601(54)	309	SY		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Concrete Sidewalk (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C706(51)(A)	7	SY		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 6" Concrete Barrier Curb With Dowels			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C707(56)	170	LF		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Sodding			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C714(51)	126	SY		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# New 16" Plug Valve For Sewer			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C742(52)(F)	2	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# New Sewer Valve Manhole (48")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C742(74)	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Plug Existing 16" Sewer Main and Fill With Flowable Material (Sand/Cement/Mixture)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C741(78)	2,200	LF		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Replace Existing Sewer H.C. From New Main To Back Of Curb			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C742(62)	1	EA		



DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Replace Existing Sewer H.C. Beyond Back Of Curb			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C742(63)	10	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Saw Cut Concrete Curb, Pavement, Sidewalk, Driveway, ETC. According to Plans ("Depth")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
CF-3	147	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Root Pruning			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
CF-10	1	EA		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ No. 1 Standard Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C702(53)M	1	EA		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Install 16" HDPE Sewer Force Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C742(51)(16)(D)	281	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Install 16" HDPE Sewer Force Main Via HDD			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C742(51)(16)(D)HDD	1,848	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ 12" Reinforced Concrete Pipe			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C701(53)E	7	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Remove and Replace Fencing (Match-In-Kind)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
CS-01	30	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Air Release Valve			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C742(51)	1	EA		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ 16" Sewer Force Main Offset			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C741(72)(F-01)	1	EA		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Exploratory Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
EX-1	3	LS		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Jack or Bored Pipe (Casing 24", Steel, B, 0.375")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C728(51)	139	LF		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Install Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION ( <i>Quantity times Unit Price</i> )
C742(55)	10	VF		

**Wording for "DESCRIPTION" is provided by the Owner.**

**All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner**



## 1-2 ADDITIONAL REQUIREMENTS

All blank spaces in this Proposal section shall be filled. A bid price shall be indicated for each bid item. Bids received without all such items completed will be considered non-responsive. The bid shall contain an acknowledgement of receipt of all Addenda in space provided. The Louisiana Uniform Public Work Bid Form & Unit Price Form (if applicable) and the amount of Deposit or Bid Bond five percent (5%) of the total amount of the proposal is REQUIRED to be submitted in a sealed envelope on bid opening date. The two (2) lowest numerical bidders have three (3) days after the bid opening (exclusive of Saturdays, Sundays and Holidays) to submit any additional information such as (Voluntary Extension Sheet, Affidavit, Economically Disadvantage Business Summary Sheet if applicable) as well as requirements of Sections 1-3 through 1-6 below. Failure to do so will render the bid non-responsive.

### 1-3 BIDDER DECLARATION

\_\_\_\_\_ do hereby declare that \_\_\_\_\_ the only person \_\_\_\_\_ interested in this proposal and that no other person than the one \_\_\_\_\_ herein named have any interest herein or in the contract proposed to be taken; that it is made without any connection with any other person or persons making proposal for the same work and that it is in all respects fair and without collusion or fraud; also that no member of the Sewerage and Water Board or of the City Council of the City of New Orleans or any officer or employee of the City of New Orleans or of the several boards thereof, who are by law excluded from participation herein, and directly or indirectly interested herein or in furnishing bond or in any portion of the profits hereof.

\_\_\_\_\_ do hereby also declare that \_\_\_\_\_ have LOUISIANA CONTRACTOR'S LICENSE in the field of \_\_\_\_\_ with NUMBER \_\_\_\_\_.

And \_\_\_\_\_ do further declare that \_\_\_\_\_ have carefully examined the annexed specifications and the drawings furnished, and personally inspected the ground and that \_\_\_\_\_ will contract to provide the necessary tools, machinery and apparatus and other means of construction, and to furnish all labor and material specified in this contract or called for by the plans, necessary to complete the work in the manner specified and within the time mentioned in the specifications and according to the requirements of the Engineer, as herein set forth.

1-4 In accordance with Louisiana Revised Statute 38:2227 the following affidavit shown on the next page must be submitted with the bid, or no later than 3 days after the bid opening (excluding Saturdays, Sundays, and Holidays). Failure to do so will render the bid non-responsive. **Please note, THE AFFIDAVIT MUST BE NOTARIZED.**

### 1-5 GUARANTEES

\_\_\_\_\_ guarantee that the whole of the work under this contract will be substantially completed within **180** calendar days after the date of the "Commencement of Contract Times."

In case of delay in the completion of the contract beyond the contract time of completion as determined by the Board hereby agree to pay, as liquidated damages, the sum of **Two Thousand Dollars (\$2,000.00)** for each calendar day of such delay, which liquidated damages shall become due by the mere elapsing of the delay without the necessity of putting \_\_\_\_\_ in default.

### 1-6 EMERGENCY PROCEDURES

Contractor must furnish telephone numbers for routine or emergency telephone calls.

NAME

TITLE

TELEPHONE NO.:

NORMAL CALLS \_\_\_\_\_

EMERGENCY \_\_\_\_\_

1-7 ACKNOWLEDGEMENT OF CONSENT DECREE

I, \_\_\_\_\_, hereby certify that I have read and understand the Consent Decree with attachments or the pertinent parts thereof and am familiar with the terms and conditions therein and will pay any fines or penalties that will be assessed against the Sewerage and Water Board or City of New Orleans (or reimburse them therefor) which are imposed by the terms of said Decree with attachments resulting from the action or actions of \_\_\_\_\_ in its performance of or its failure to perform its duties under this Contract.



STATE OF LOUISIANA  
PARISH OF ORLEANS

**AFFIDAVIT**

**BEFORE ME**, the undersigned authority, duly commissioned and qualified and sworn in and for the State and Parish aforesaid, personally came and appeared \_\_\_\_\_ who after being duly sworn, did depose and say as follows:

- 1) He/she is the \_\_\_\_\_ (title) of \_\_\_\_\_ (company);
- 2) He/she has not been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 3) The contracting entity, person or corporation whose principal(s), member(s), and /or Officer(s) have, within the preceding 5 years, not been convicted or plead guilty to, a felony under state or federal statutes, for embezzlement, theft of public funds, bribery, falsification or destruction of public records; (City Code Section 2-8)
- 4) The following is a list of individual partners, incorporators, directors, managers, officers, organizers, or members who have a minimum ten percent interest ownership interest in the bidding entity:  
  
\_\_\_\_\_ (name) \_\_\_\_\_ (name)  
\_\_\_\_\_ (name) \_\_\_\_\_ (name)  
\_\_\_\_\_ (name) \_\_\_\_\_ (name)
- 5) No other persons hold an ownership interest in the bidding entity via a counter letter.
- 6) None of the above named individual partners, incorporators, directors, managers, officers, organizers, or members, who has a minimum ten percent interest ownership in the bidding entity, been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 7) He/she is not delinquent on any taxes owed the City of New Orleans or fees/charges to the Sewerage and Water Board. (City Code Section 2-8)

The following sections apply only to Public Works Contracts:

- 8) In accord with LA Revised Statute 38:2212.10 the entity represented herein is registered and participates in the "Status verification system" of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324(a), known as the "E-Verify" program to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- 9) The entity represented herein shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- 10) The entity represented herein shall require all subcontractors to submit to the contractor a sworn affidavit verifying compliance with the Status verification system.

**WITNESSES:**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
**AFFIANT**

**SWORN TO AND SUBSCRIBED BEFORE ME ON THIS**

\_\_\_\_\_ **DAY OF** \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
**NOTARY PUBLIC**

\_\_\_\_\_  
**Notary Id. No. or Bar Roll No.**

\_\_\_\_\_  
**PLEASE PRINT NAME OF NOTAR**

## SECTION 01 22 00 - UNIT PRICES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
  - 1. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

#### 1.3 DEFINITIONS

- A. Unit price is a price per unit of measurement for plant, labor, construction aids, utilities, pumping, mobilization, sewer flow control, materials, equipment, supplies or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

#### 1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, profit, and all other incidentals.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3 Execution. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.
- E. For measuring progress toward Consent Decree Milestones, the percent complete will be calculated by dividing the value of work that has been completed and approved by the Engineer by the total bid amount.



## PART 2 - PRODUCTS (NOT USED)

## PART 3 - EXECUTION

### 3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. C202(52)(C): Removal and Disposal of Existing Portland Cement Concrete Pavement
  - 1. Description: This work consists of removal and satisfactory disposal of existing PCCP Roadway.
  - 2. Unit of Measurement: Square Yard
- B. Unit Price No. C202(52)(D): Removal and Disposal of Existing Sidewalk, Driveway, Foot Lap (Concrete, Brick, Asphalt, Etc.)
  - 1. Description: This work consists of removal and satisfactory disposal of existing sidewalk, driveway, foot lap (concrete, brick asphalt, or other materials, or combinations of materials).
  - 2. Unit of Measurement: Square Yard
- C. Unit Price No. C202(52)(E): Removal and Disposal of Existing Curb (Concrete, Asphalt, Brick, etc.)
  - 1. Description: This work consists of removal and satisfactory disposal of existing curb (concrete, asphalt, brick, or other materials, or combinations of materials).
  - 2. Unit of Measurement: Linear Foot
- D. Unit Price No. C202(52)(I): Removal and Disposal of Existing Asphaltic Concrete Pavement.
  - 1. Description: This work consists of removal and satisfactory disposal of existing asphaltic concrete pavement.
  - 2. Unit of Measurement: Square Yard
- E. Unit Price No. C203(51): Roadway Excavation
  - 1. Description: This work consists of excavation of roadway base and earthen material beneath roadway pavement to be replaced as required to establish pre-existing or field modified grades, excluding any excavation inclusive to excavated sewer or water repairs in accordance with Division 31 and Division 32 of the specifications.
  - 2. Unit of Measurement: Cubic Yard
- F. Unit Price No. C203(59): Geotextile Fabric for Stabilization
  - 1. Description: This work consists of furnishing and installing all geotextile fabrics for embankment separation, subgrade reinforcement of roadways, subsurface drainage, or riprap lining in a manner and at locations as detailed and specified according to Section 310519 "Geosynthetics for Earthwork", as shown in the drawings or as otherwise directed by the Construction Manager.

2. Unit of Measurement: Square Yard
- G. Unit Price No. C203(60): Geogrid
1. Description: This work consists of furnishing and installing all geogrid for embankment separation, subgrade reinforcement of roadways, subsurface drainage, or riprap lining in a manner specified according to Section 310519 “Geosynthetics for Earthwork”, in locations shown in the drawings or as otherwise directed by the Construction Manager.
  2. Unit of Measurement: Square Yard
- H. Unit Price No. C302(51): Base Course
1. Description: This work includes procuring and properly installing aggregate base course on acceptable subbase, as indicated on the drawings and specified herein according to Section 321123 “Aggregate Base Course”. The work also includes all efforts necessary to schedule and allow for testing of material, as well as satisfactory removal and cleanup of unused material from the work site.
  2. Unit of Measurement: Cubic Yard
- I. Unit Price No. C502(53)-1: Superpave Asphaltic Concrete Wearing Course (2” Thick)
1. Description: This work consists of placing an asphaltic concrete wearing surface course (2” Thick), to the specified thickness, on binder course in conformity with the typical sections shown in the New Orleans DPW Standard Details and according to Section 321216 “Asphalt Paving.”
  2. Unit of Measurement: Square Yard
- J. Unit Price No. C502(53)-2: Superpave Asphaltic Concrete Binder Course (5” Thick)
1. Description: This work consists of placing concrete binder course (5” Thick), to the specified thickness, on precast concrete in conformity with the typical sections shown in the New Orleans DPW Standard Details and according to Section 321216 “Asphalt Paving.”
  2. Unit of Measurement: Square Yard
- K. Unit Price No. C601(54): Reinforced Concrete Pavement (8” Thick)
1. Description: This work consists of constructing roadway pavement in conformance with the specifications and in conformity with the locations, lines, grades, slopes, thickness, sections, and strength shown in the New Orleans DPW Standard Details and according to Section 321313 “Concrete Paving.”
  2. Unit of Measurement: Square Yard
- L. Unit Price No. C706(51)(A): Concrete Sidewalk (4” Thick)
1. Description: This work consists of constructing concrete sidewalk in conformance with the specifications and in conformity with the locations, lines, grades, slopes, thickness, sections, and strength shown on the plans and according to Section 321623 “Sidewalks and Driveways.”
  2. Unit of Measurement: Square Yard



- M. Unit Price No. C707(56): 6" Concrete Barrier Curb with Dowels
1. Description: This work consists of furnishing and construction of 6" concrete barrier curb with dowels in accordance with the specifications and in conformity with the location, lines, grades, slopes, thickness, and typical section shown in the New Orleans DPW Standard Details and according to Section 321613 "Curbs and Gutters."
  2. Unit of Measurement: Linear Foot
- N. Unit Price No. C714(51): Sodding
1. Description: This work consists of furnishing, hauling, planting, rolling, watering, and maintaining placed and in-place live grass sod at locations shown on the plans or as directed according to Section 329223 "Sodding."
  2. Unit of Measurement: Square Yard
- O. Unit Price No. C742(52)(F): New 16" Plug Valve for Sewer
1. Description: The work consists of installing a new sewer plug valve including excavation, granular bedding and backfilling and the removal of existing sewer valve, if present, in accordance with these plans and specifications.
  2. Unit of Measure: Each
- P. Unit Price No. C742(74): Install Sewer Valve Manhole (48")
1. Description: The work consists of installing a new sewer valve manhole including excavation, granular bedding and backfilling and the removal of existing sewer manhole, if present. Refer to section 330130.83 "Rehabilitation of Manholes."
  2. Unit of Measure: Each
- Q. Unit Price No. C741(78): Plug Existing 16" Sewer Force Main and Fill with Flowable Material (Sand/Cement Mixture)
1. Description: This work consists of the plugging existing sewer force main and filling the existing pipe with flowable material (sand/cement mixture).
  2. Unit of Measurement: Linear Foot
- R. Unit Price No. C742(62): Replace Existing, Sewer House Connection (H.C.) From New Main to Back of Curb
1. Description: This work consists of the replacement of sewer house connected pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations from the sewer main to the back of curb according to Section 330130.73 "Rehabilitation of Sewers."
  2. Unit of Measure: Each
- S. Unit Price No. C742(63): Replace Existing Sewer H.C. Beyond Back of Curb
1. Description: This work consists of the replacement of sewer house connected pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations from the back of curb to the property line according to Section 330130.73 "Rehabilitation of Sewers."
  2. Unit of Measure: Linear Foot

- T. Unit Price No.CF-3: Saw Cut Concrete Curb, Pavement, Sidewalk, Driveway, Etc. According to Plans (“ Depth)
1. Description: This work consists of saw cutting existing roadway infrastructure in accordance to these plans and specifications.
  2. Unit of Measurement: Linear Feet
- U. Unit Price No.CF-10: Root Pruning
1. Description: This work consists of pruning existing roots of nearby trees in accordance to these plans and specifications.
  2. Unit of Measurement: Each
- V. Unit Price No. C702(53)M: No. 1 Standard Catch Basin
1. Description: This work consists of installing a standard catch basin of the chosen type in accordance to these plans and specifications. A subsidiary obligation to this pay item is to remove the existing catch basin.
  2. Unit of Measurement: Each
- W. Unit Price Nos. 29 - 32: Install Sewer Main
1. Description: This work consists of the installation of sewer pipelines by means of excavation, horizontal direction drilling (HDD), and jack & bore installation according to Sections 330130.73 “Rehabilitation of Sewers” and 333111 “Public Sewerage Gravity Piping.”
  2. Unit of Measure: Linear Foot
  3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the Bid Form.
  4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
  5. Unit Prices by Pipe Invert Depth: Measurement and payment for these unit price items will be made by the average depth of sewer pipe invert as per the Bid Form.
    - a. Unit Price No. C742(51)16(D):Sixteen-Inch (16”) Diameter Sewer Force Main
    - b. Unit Price No. C742(51)16(D)HDD: Sixteen-Inch (16”) Diameter Sewer Force Main via HDD
- X. Unit Price No. C702(51)(16)(REM): Remove Existing Sewer Force Main Pipe
1. Description: This work consists of removing existing sewer force main pipe in accordance to these plans and specifications. This pay item includes any excavation, backfilling, and compaction needed to restore the site to grade.
  2. Unit of Measurement: Linear Foot
- Y. Unit Price No. C701(53)E: 12” Reinforced Concrete Pipe
1. Description: This work consists of installing reinforced concrete drainage pipe in accordance with these plans and specifications.
  2. Unit of Measurement: Linear Foot
  3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the Bid Form.



4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
- Z. Unit Price No.CS-01: Remove and Replace Fencing (Match-In-Kind)
1. Description: This work consists of removing existing chain-link fence (match-in kind) in accordance to these plans and specifications.
  2. Unit of Measurement: Linear Feet
- AA. Unit Price No.C742(51): Air Release Valve
1. Description: This work consists of furnishing and installing an air release valve (H-Tech Model 989-00 or approved equivalent) in accordance to these plans and specifications.
  2. Unit of Measurement: Each
- BB. Unit Price No. C741(72)(F-01): Sewer Force Main Offset
1. Description: The work consists of installing a new sewer force main offset including excavation, granular bedding and backfilling. Also, included in this item are the necessary 45° ductile iron bends to create a 2 ft vertical offset of the 16" HDPE sewer force main.
  2. Unit of Measure: Each
- CC. Unit Price No. EX-1: Exploratory Excavation
1. Description: This work consists of excavating the area to determine the location of the existing infrastructure. The information shall be given to the Engineer to confirm the location of the sewer force main work. A subsidiary obligation to this pay item is to acquire any DOTD Temporary Occupancy Permit with trench protection designed and signed by a P.E.
  2. Locations of work include:
    - a. Siene St. at Kansas to location existing transition fitting between Price Brothers concrete pipe and cast-iron pipe. (Sheet 6).
    - b. Kansas St. at General de Gaulle Dr. Eastbound lane to locate (1) existing water main at approximately STA 108+90 to verify new sewer manhole will not conflict with existing water main without a horizontal offset and (2) 45-degree ductile iron fitting underneath concrete slab at approximately STA 109+60 to verify proposed tie-in location and corresponding plans (Sheet 13).
    - c. 2924 General de Gaulle Dr. neutral ground to locate (1) the existing 36" water main, (2) other underground utilities within the neutral ground that may be impacted by the receiving pit and related construction actions, and (3) the 45-degree ductile iron fitting of the existing sewer force main to verify the proposed tie-in location and corresponding plans (Sheets 14 and 15).
  3. Unit of Measurement: Lump Sum
- DD. Unit Price No. C728(51): Jacked or Bored Pipe (Casing 24", Steel, Grade B, 0.375" Thickness)
1. Description: This work consists of all labor, materials, submittals, equipment, casing, carrier pipe, restrained joints, spacers, end seals, excavation of the jacking/receiving pits, temporary bedding as necessary, backfill and compaction, traffic control, and disposal of excess materials. Refer to Section 33 05 07.23.
  2. Unit of Measurement: Linear Foot

EE. Unit Price No. C742(55): Install Sewer Manhole

1. Description: The work consists of installing a new sewer manhole including excavation, granular bedding and backfilling and the removal of existing sewer manhole, if present. Refer to section 330130.83 "Rehabilitation of Manholes."
2. Unit of Measure: Vertical Feet

END OF SECTION 012200



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## **BID BOND**

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

BID

Bid Due Date:

Project (Brief Description Including Location):

BOND

Bond Number:

Date (Not later than Bid due date):

Penal sum \_\_\_\_\_

(Words)

(Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

\_\_\_\_\_ (Seal)

Bidder's Name and Corporate Seal

By: \_\_\_\_\_

Signature and Title

Attest: \_\_\_\_\_

Signature and Title

SURETY

\_\_\_\_\_ (Seal)

Surety's Name and Corporate Seal

By: \_\_\_\_\_

Signature and Title  
(Attach Power of Attorney)

Attest: \_\_\_\_\_

Signature and Title

Note: Above addresses are to be used for giving required notice.

NEW ORLEANS MASTER 469936

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Surety's liability.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
  - 3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
  - 3.2. All Bids are rejected by Owner, or
  - 3.3. Owner fails to issue a Notice of Award to
4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses

based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be



included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

**END OF SECTION**