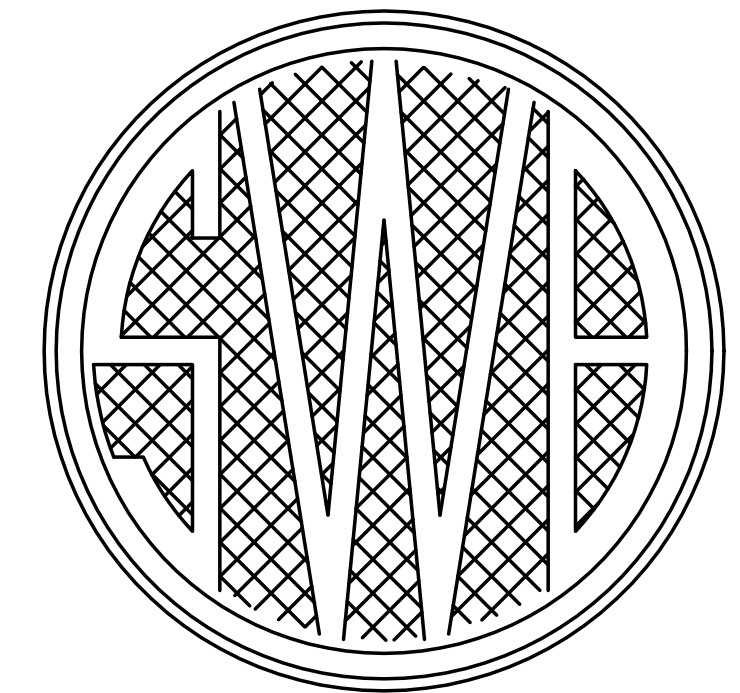
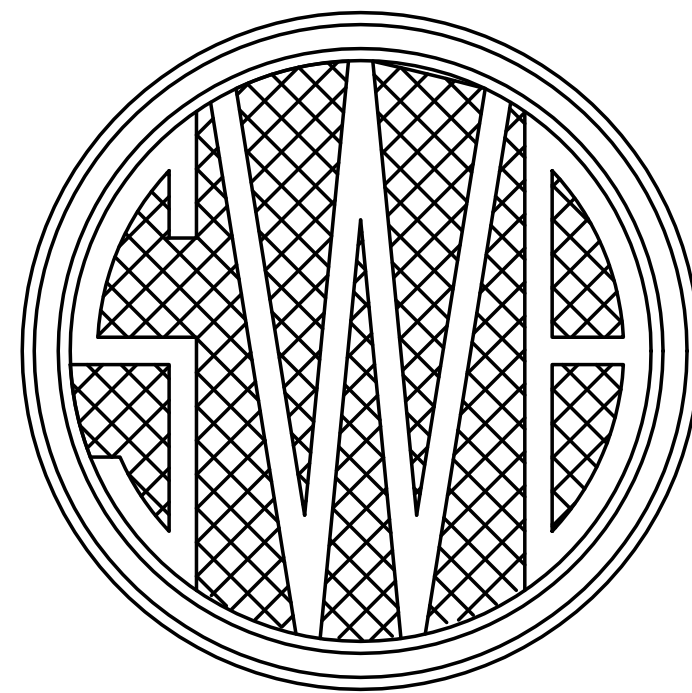


# SEWERAGE AND WATER BOARD

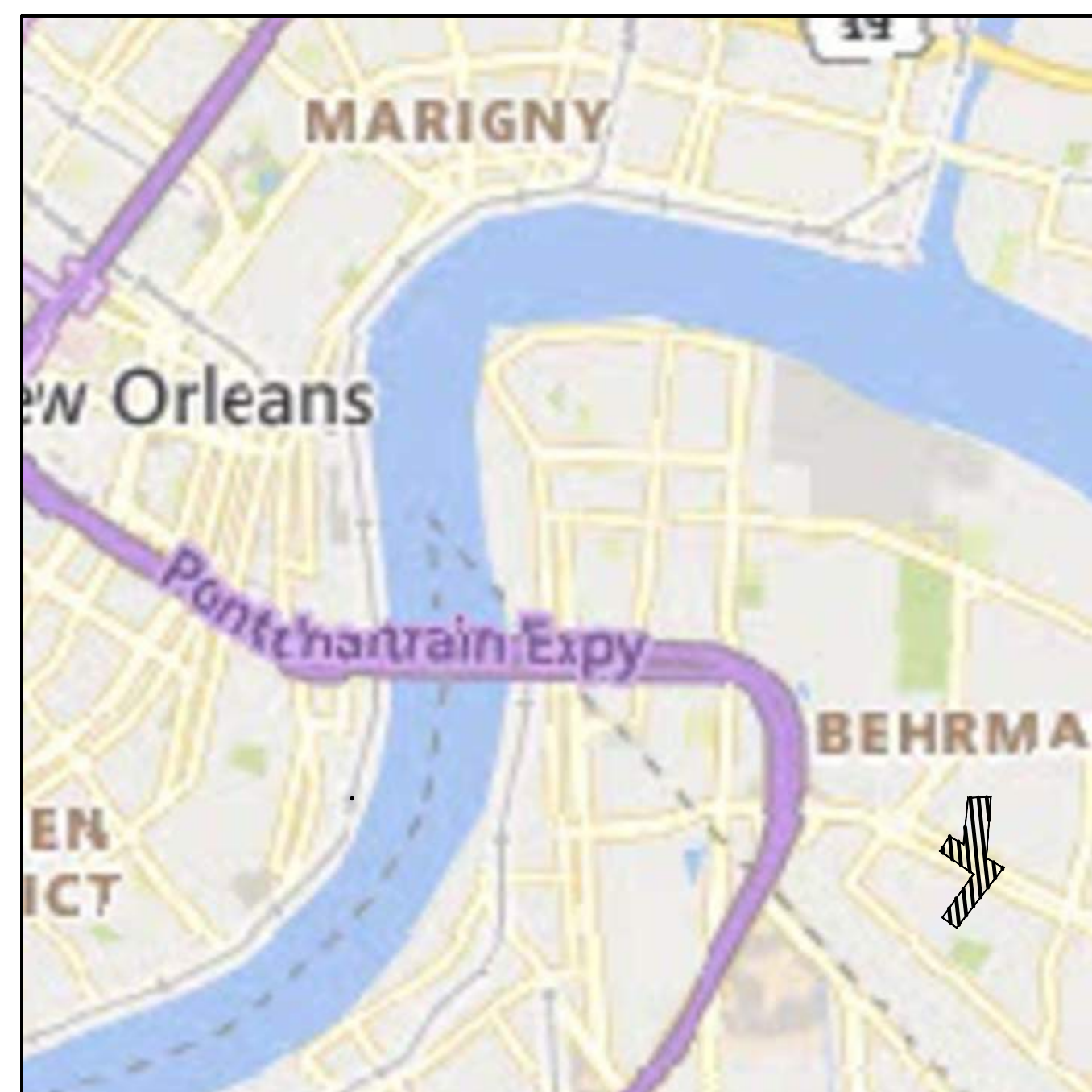
## OF NEW ORLEANS



### 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	DWG. NO. 8596-S		
TRC. DK			
CK. RI			
AP.			
SCALE: NA	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/NAIS/CROSS STS, 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 GENSIS 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-ES-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 ADJACENT TO 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 PANELS 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 "NO-HUB" COUPLING CONSISTING OF A NEOPRENE SLEEVE BUSHING ADAPTER, TWO STAINLESS STEEL BANDS, AND STAINLESS STEEL SCREWS. THE COUPLING SHALL BE MANUFACTURED IN STRICT ACCORDANCE WITH THE CAST IRON 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 POSITION 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 WORK 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 FLOWING.
- 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
	RAILROAD
	LEVEE
	FENCE LINE
	TREE
	HEDGE
	BUILDING
	CULVERT
	BASE LINE
	EXISTING RIGHT OF WAY
	CENTER LINE

# LEGEND (CONT.)

- D12" EXISTING DRAIN LINE
- D36" 36"ø & UP
- D12" PROPOSED DRAINLINE
- D36" 36"ø & UP
- S58" EXISTING SEWER
- S12" 12"ø & UP
- S58" PROPOSED SEWER
- S12" 12"ø & UP
- W48" EXISTING WATER
- W12" 12"ø & UP
- W48" PROPOSED WATER
- W12" 12"ø & UP
- G42" EXIST GAS
- G12" 12"ø & UP
- G42" PROPOSED GAS
- G12" 12"ø & UP

- UCT 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 (D)
- WATER VALVE/MANHOLE (CIRCULAR)(WWMC)
- WATER VALVE/MANHOLE (RECTANGULAR)(WWMR)

- DRAIN MANHOLE (DRAINMH)
- SEWER MANHOLE (SEWERMH)
- WATER MANHOLE (WATERMH)
- GAS MANHOLE (GASMH)
- TRAFFIC MANHOLE (TRMH)
- TELEPHONE MANHOLE (TELMH)
- TELEGRAPH MANHOLE (TGMH)
- ELECTRIC MANHOLE (ELEMH)
- 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)
- UTILITY POLE (UP)
- GUY POLE (GP)
- GUY WIRE & ANCHOR (GWA)
- POWER POLE (PP)
- TRAFFIC SIGN (TS)
- IRON PIPE OR IRON ROD (IP)
- CROSS CUT IN CONCRETE (CROSS)
- REMOVE EXIST. MANHOLE (SEWER, DRAIN OR WATER) ADJUSTMENT
- TREE TRIMMING
- ROOT PRUNING
- PROPOSED FIRE HYDRANT (PFH)
- WATER METER/MANHOLE

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONTRACT 30200**

**KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT**

GENERAL NOTES

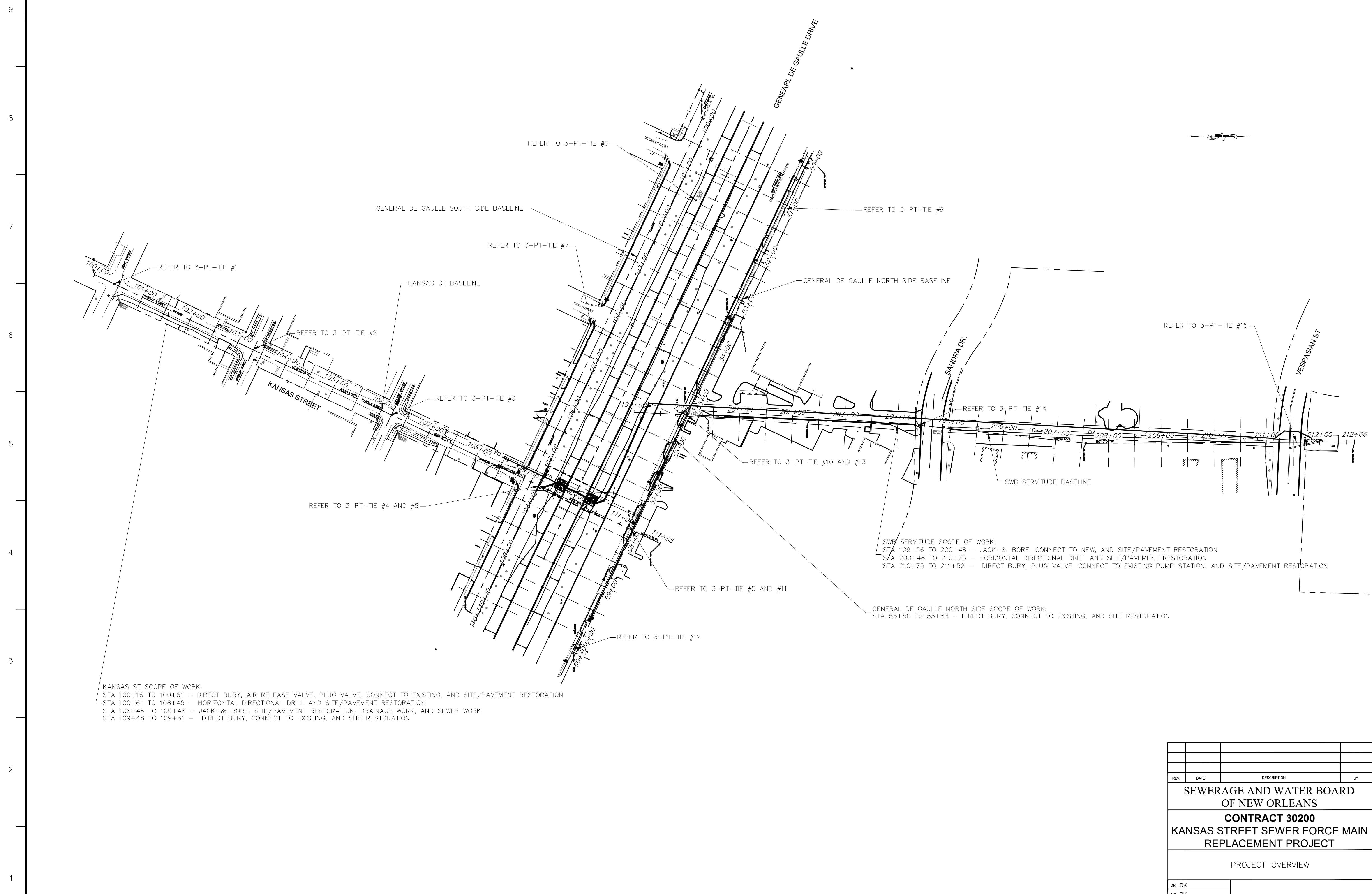
DR. DK	<b>DWG. NO. 8596-S</b>	
TRC. DK		
CK. RI		
AP.		
SCALE:		
DATE: 7/29/2025	SET NO.	SHEET NO. 2 OF 22

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
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.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
<b>CONTRACT 30200</b>			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
SUMMARY OF QUANTITIES			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE:	<b>DWG. NO. 8596-S</b>		
DATE: 7/29/2025	SET NO.	SHEET NO. 3	OF 22

A B C D E F G H J K L M

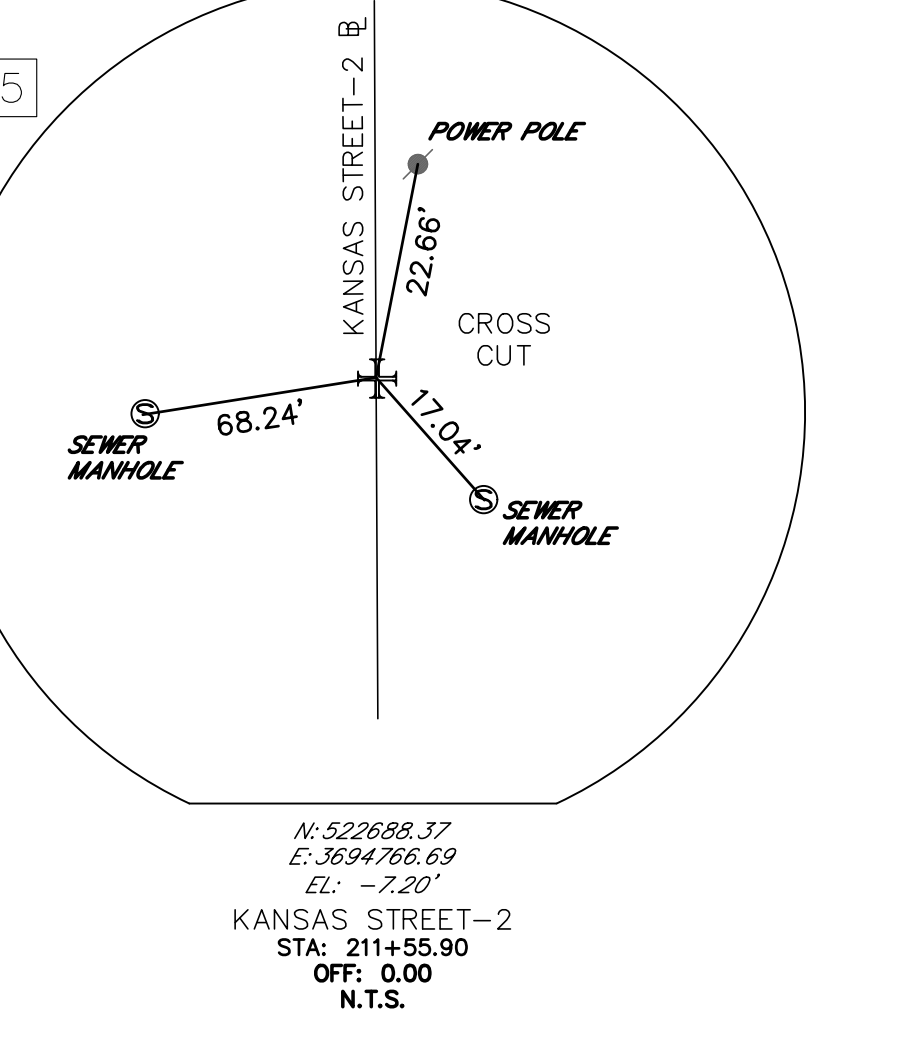
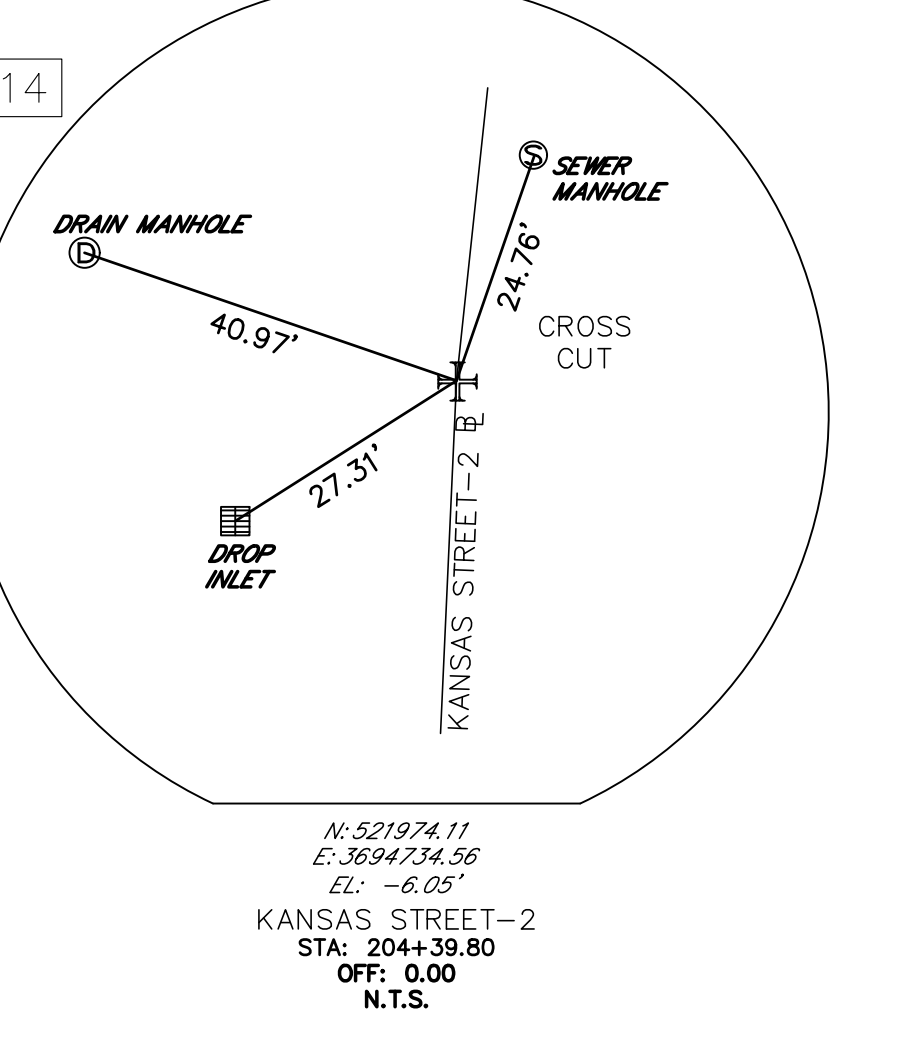
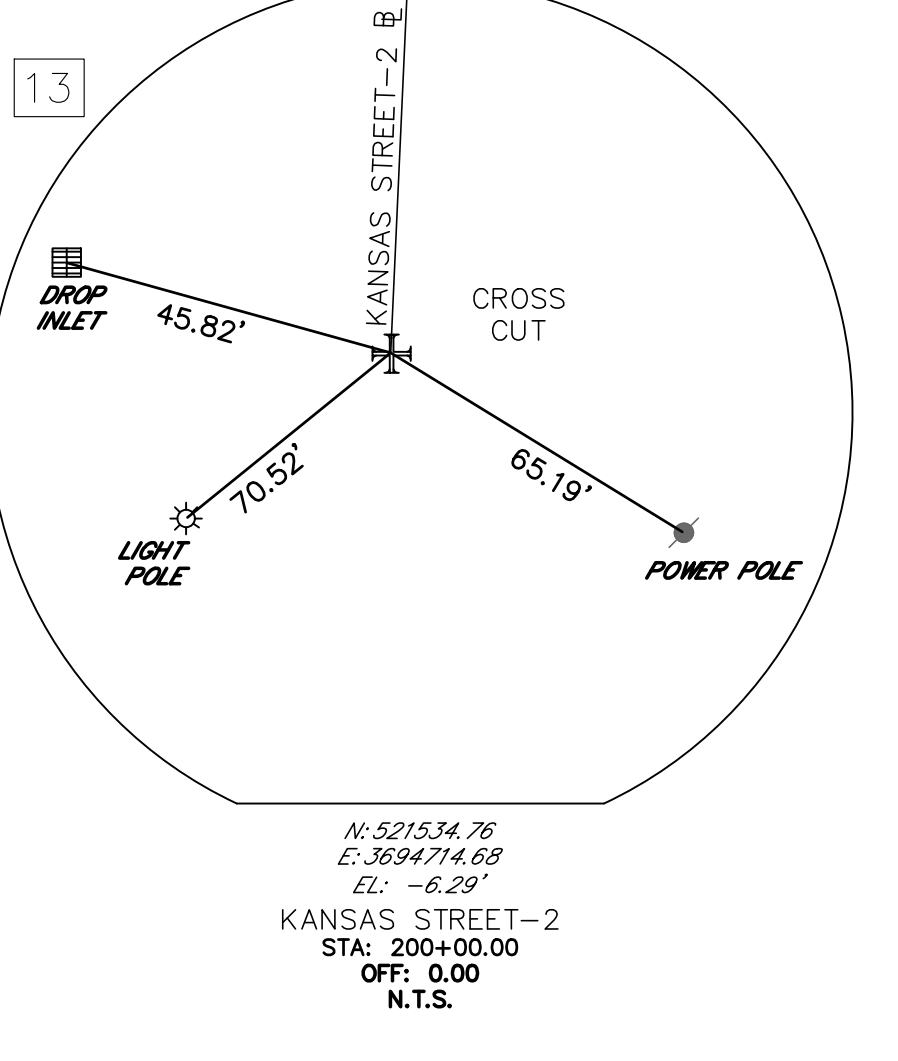
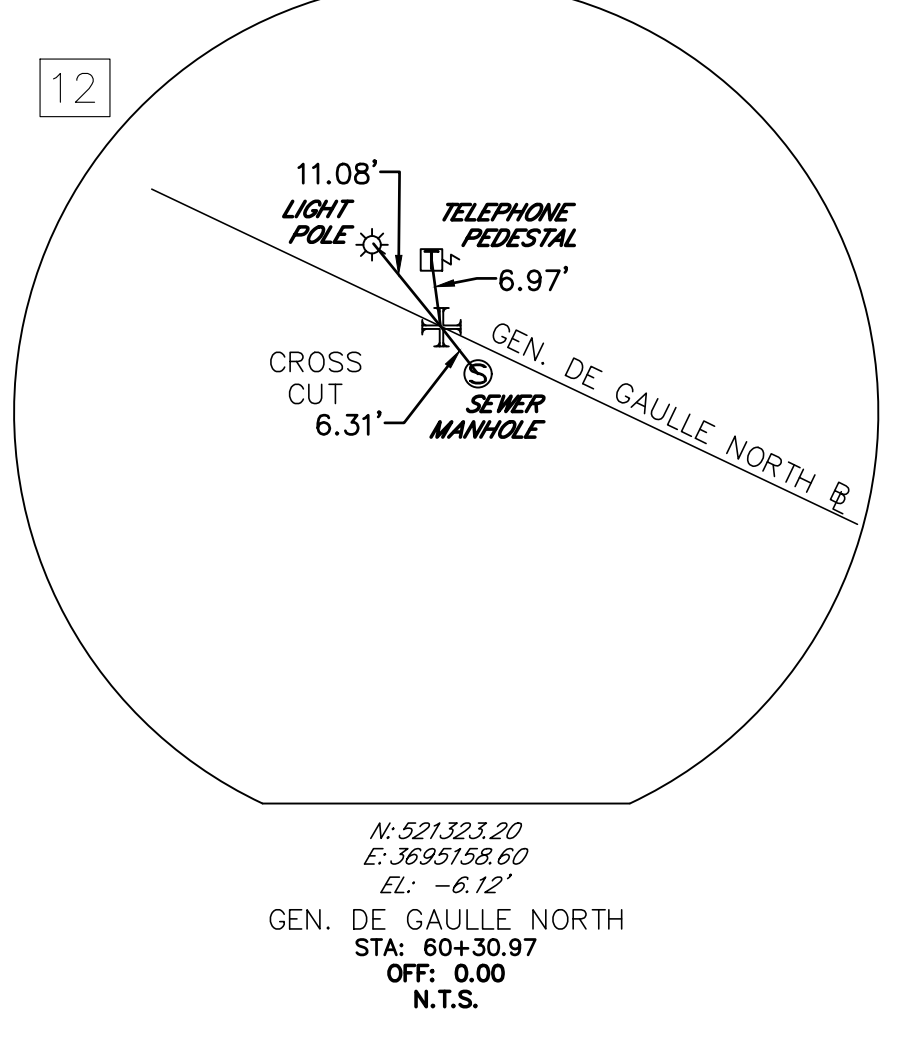
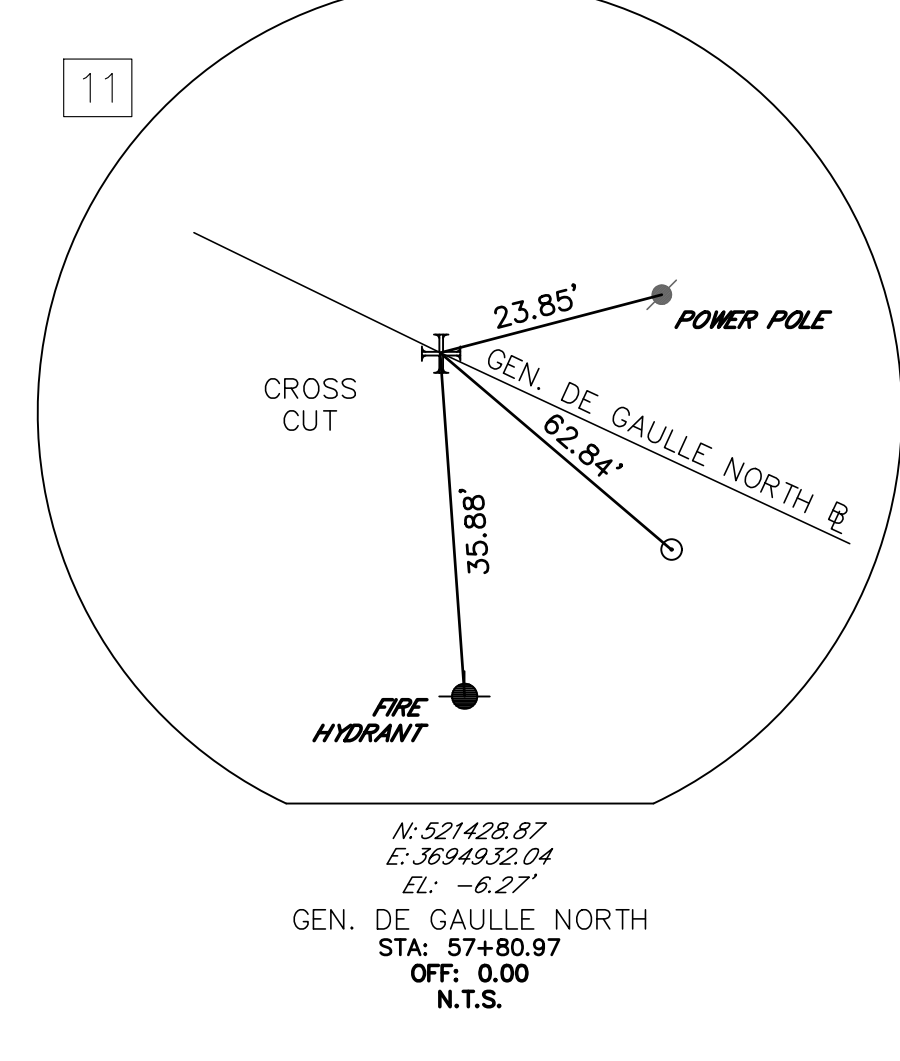
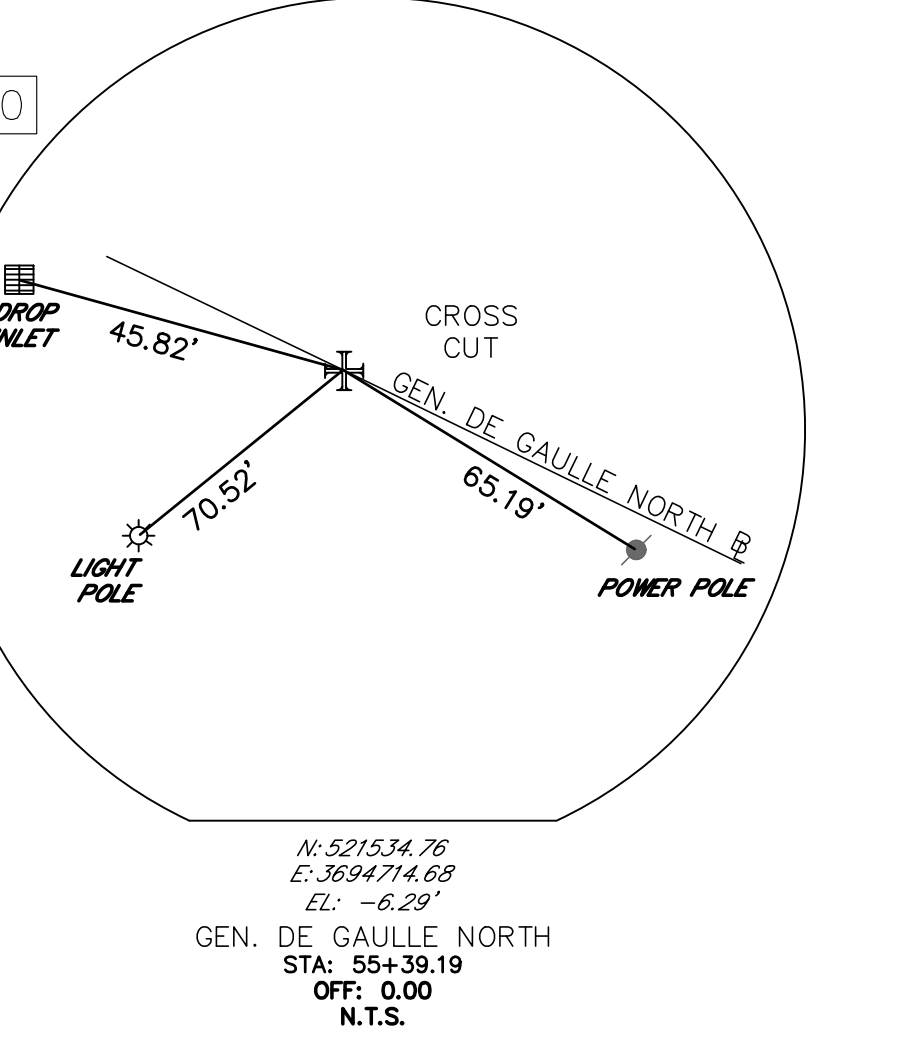
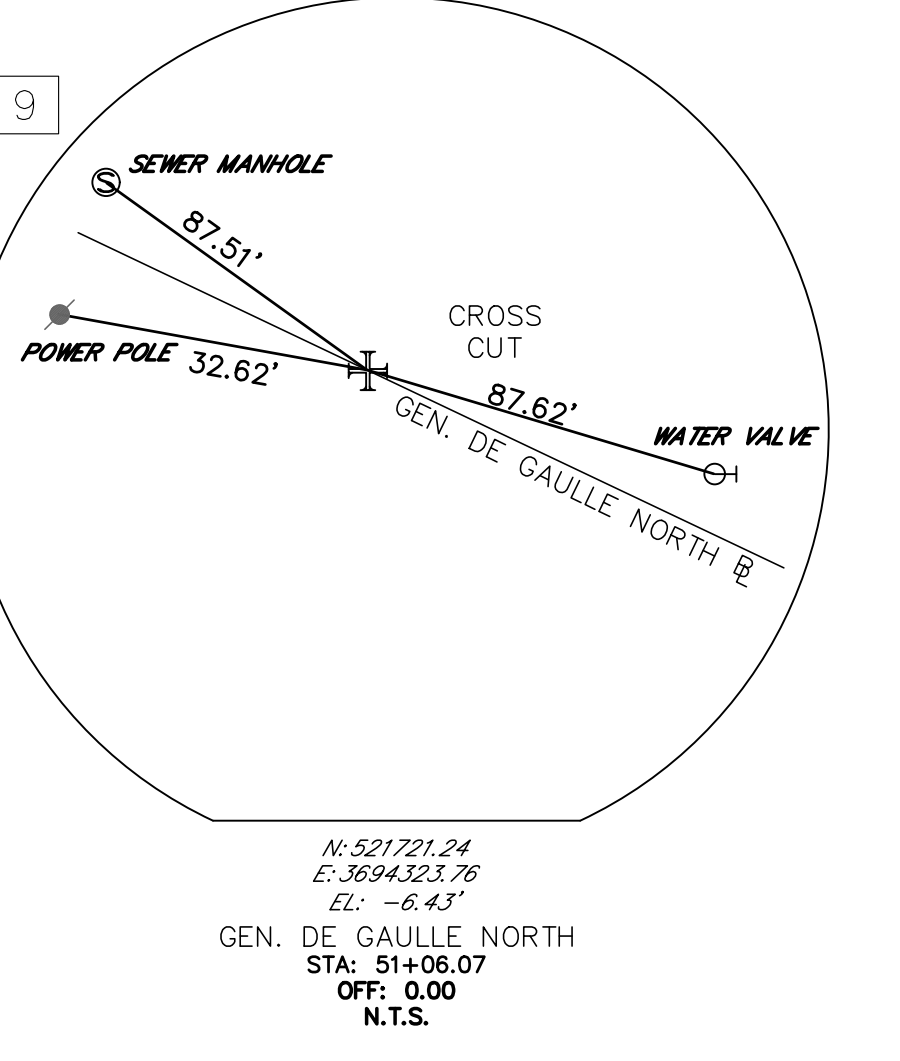
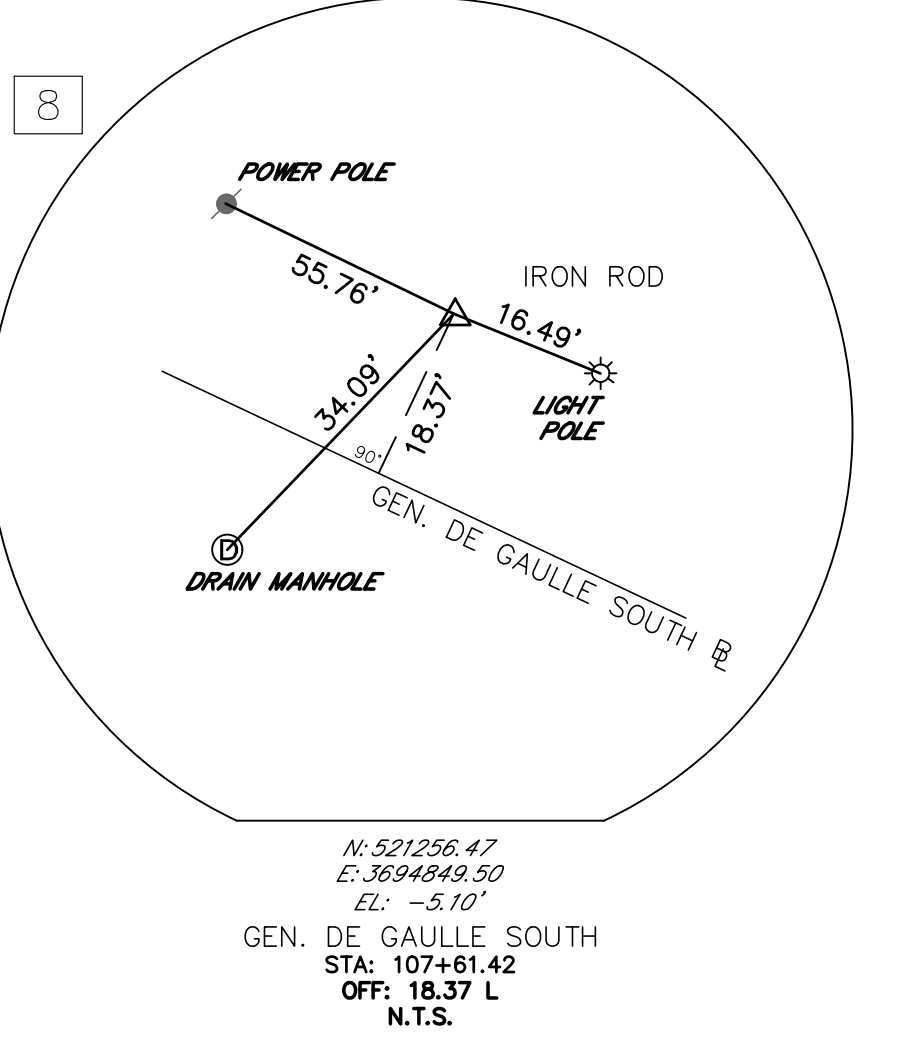
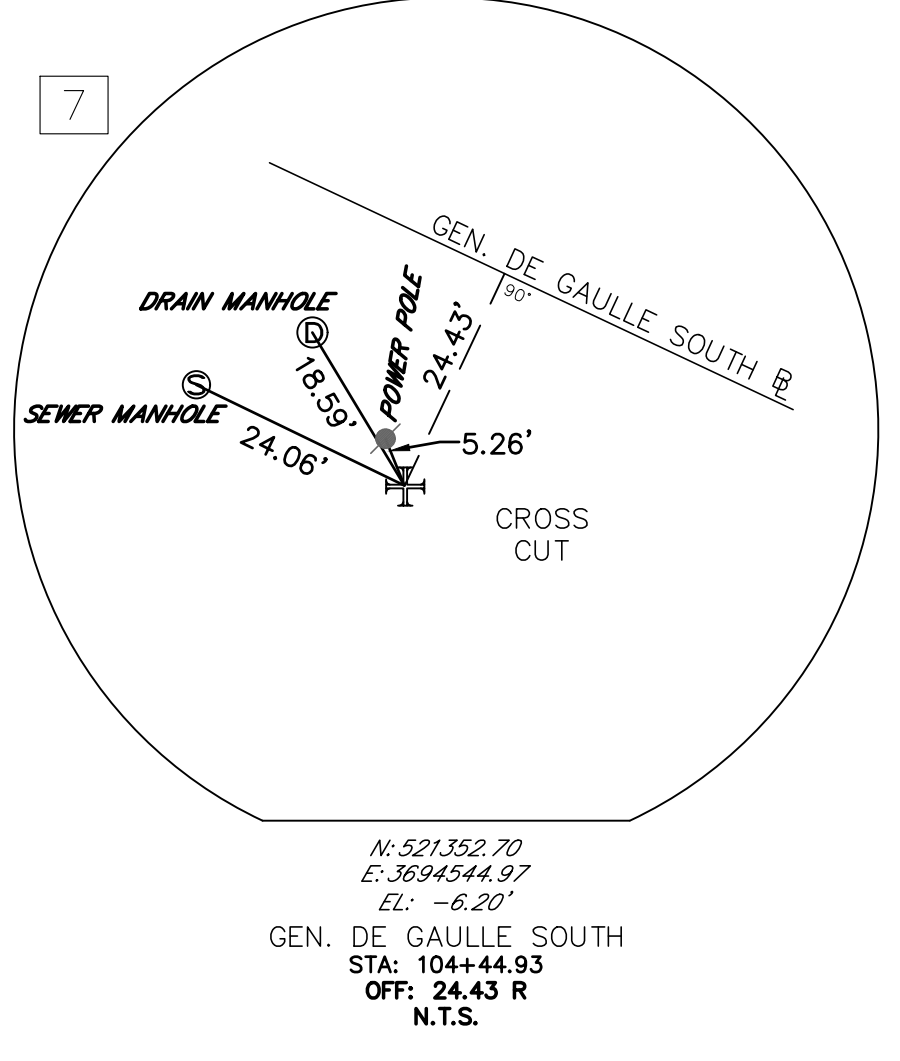
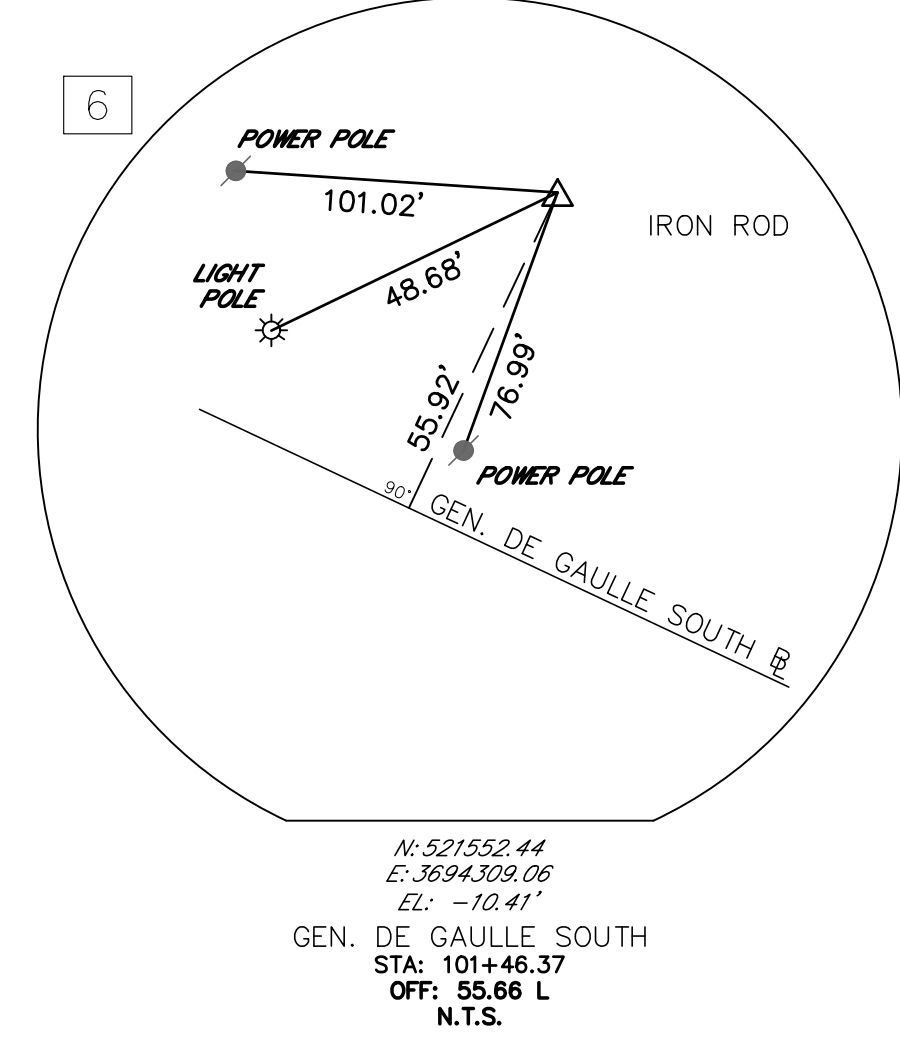
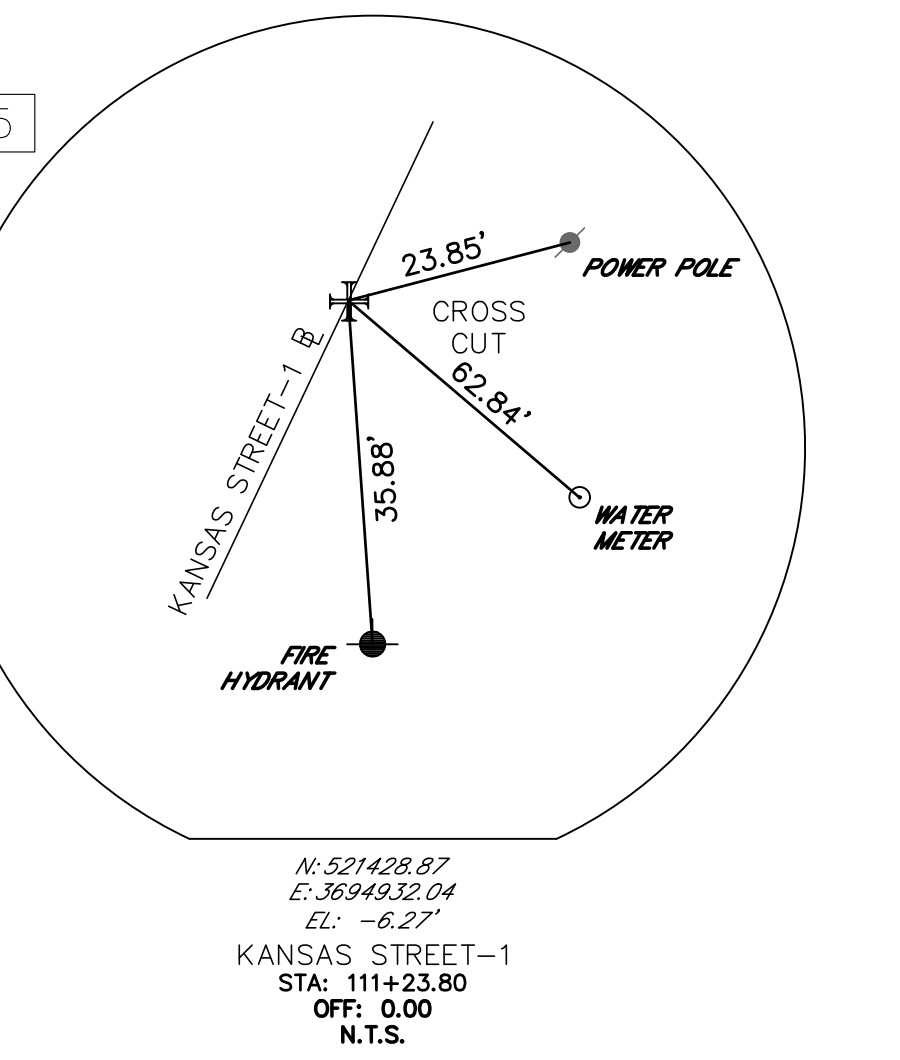
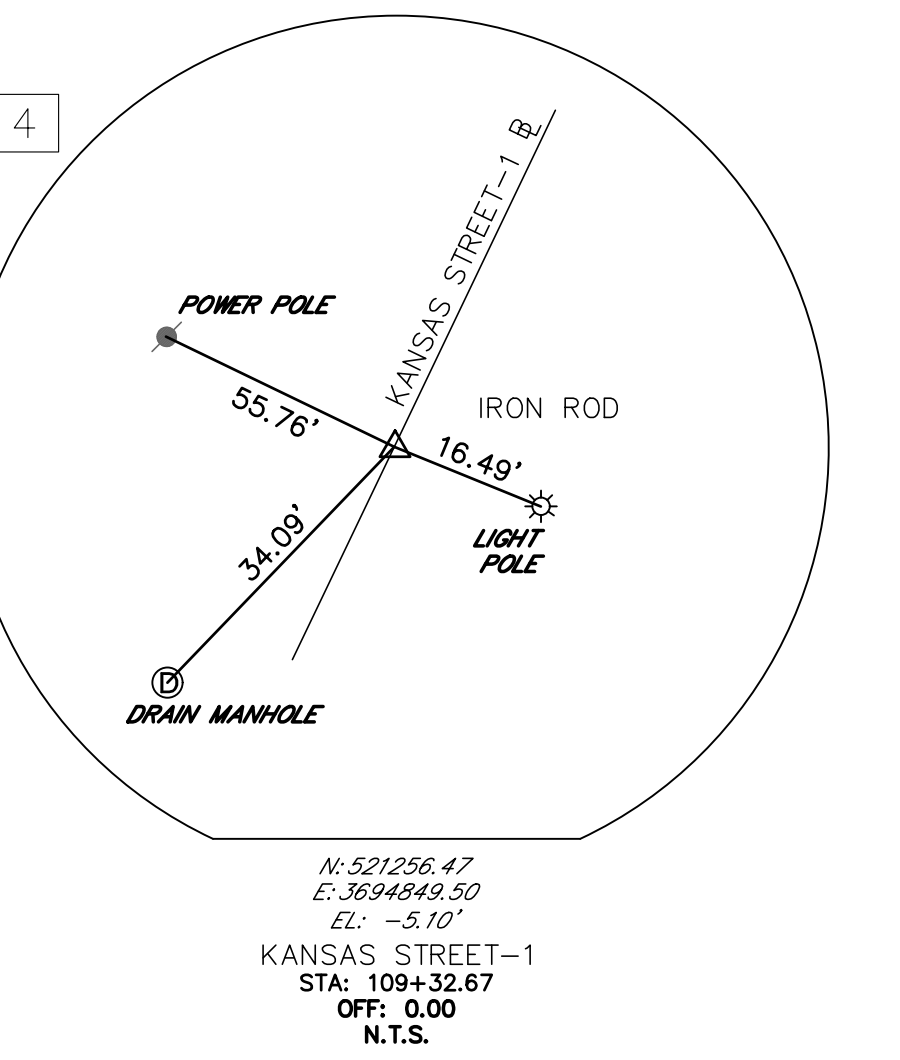
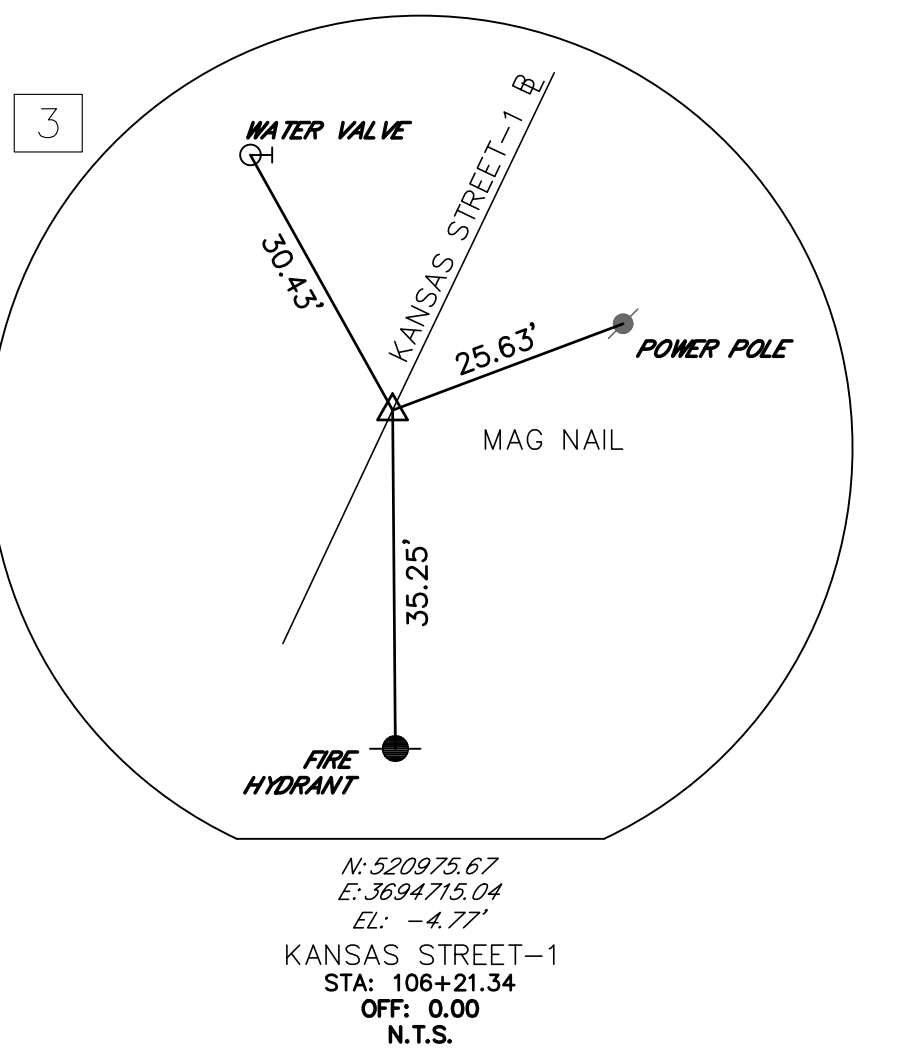
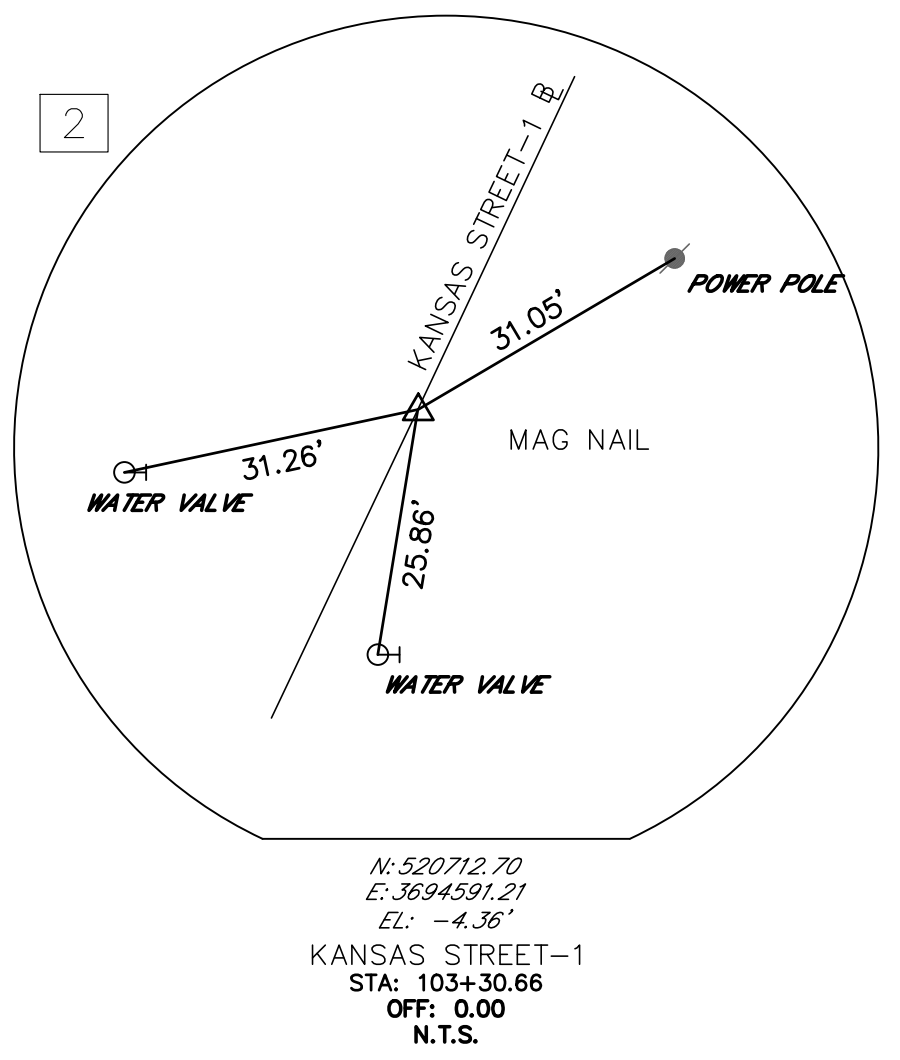
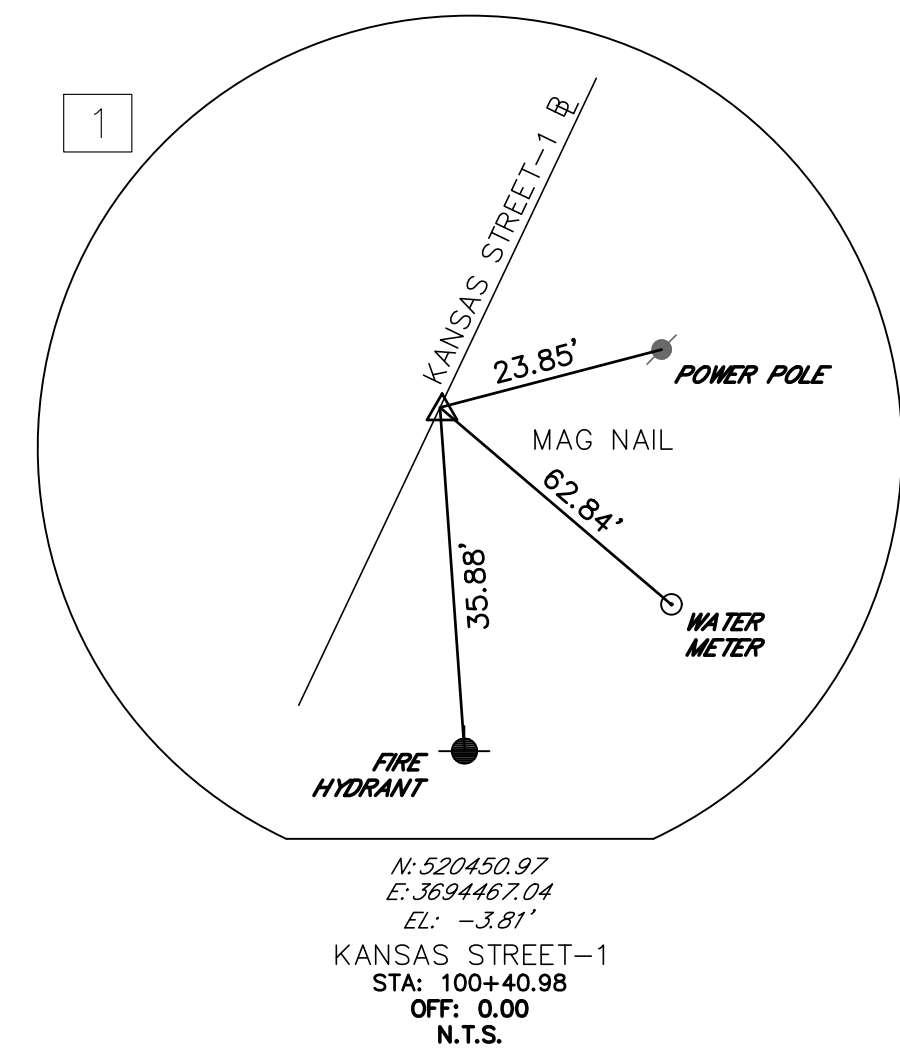


KANSAS ST SCOPE OF WORK:  
 STA 100+16 TO 100+61 - DIRECT BURY, AIR RELEASE VALVE, PLUG VALVE, CONNECT TO EXISTING, AND SITE/PAVEMENT RESTORATION  
 STA 100+61 TO 108+46 - HORIZONTAL DIRECTIONAL DRILL AND SITE/PAVEMENT RESTORATION  
 STA 108+46 TO 109+48 - JACK-&-BORE, SITE/PAVEMENT RESTORATION, DRAINAGE WORK, AND SEWER WORK  
 STA 109+48 TO 109+61 - DIRECT BURY, CONNECT TO EXISTING, AND SITE RESTORATION

SWB SERVITUDE SCOPE OF WORK:  
 STA 109+26 TO 200+48 - JACK-&-BORE, CONNECT TO NEW, AND SITE/PAVEMENT RESTORATION  
 STA 200+48 TO 210+75 - HORIZONTAL DIRECTIONAL DRILL AND SITE/PAVEMENT RESTORATION  
 STA 210+75 TO 211+52 - DIRECT BURY, PLUG VALVE, CONNECT TO EXISTING PUMP STATION, AND SITE/PAVEMENT RESTORATION

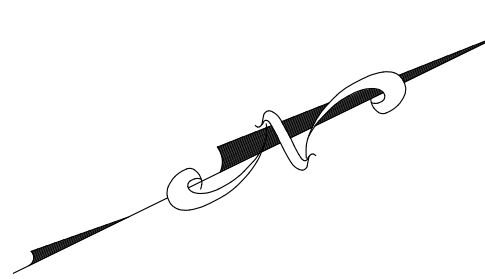
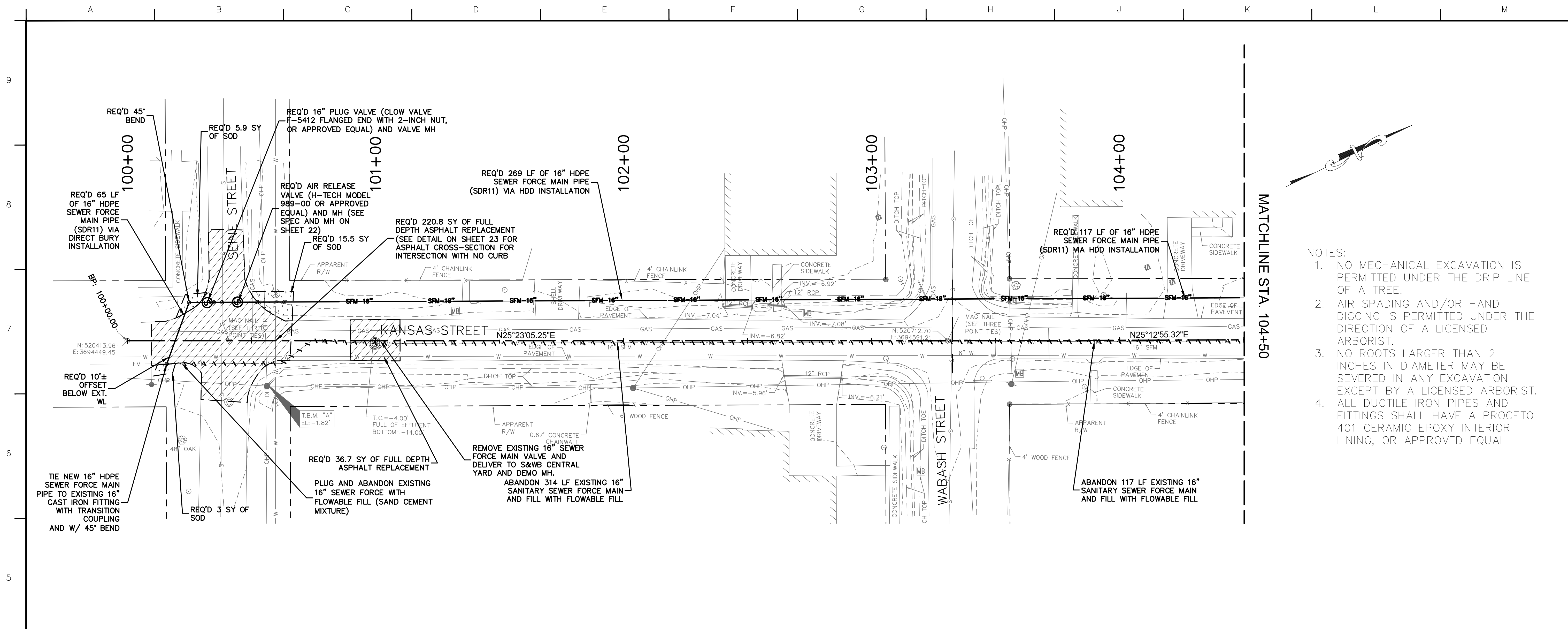
GENERAL DE GAULLE NORTH SIDE SCOPE OF WORK:  
 STA 55+50 TO 55+83 - DIRECT BURY, CONNECT TO EXISTING, AND SITE RESTORATION

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
<b>CONTRACT 30200</b> KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
PROJECT OVERVIEW			
DR: DK			
TRC: DK			
CK: RI			
AP:			
SCALE:			
DATE: 07/29/2025	SET NO.	SHEET NO. 4 OF 24	
<b>DWG. NO. 8596-S</b>			



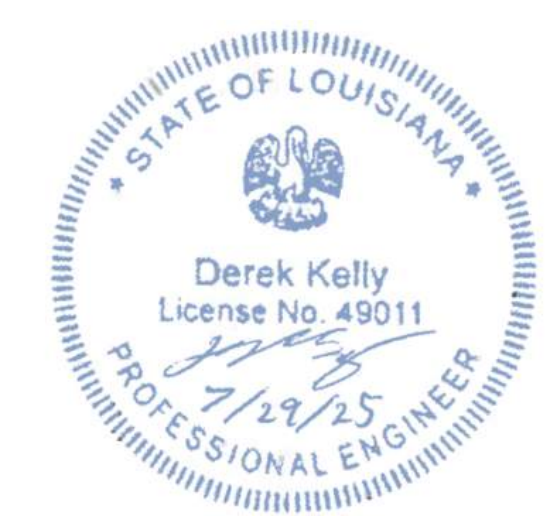
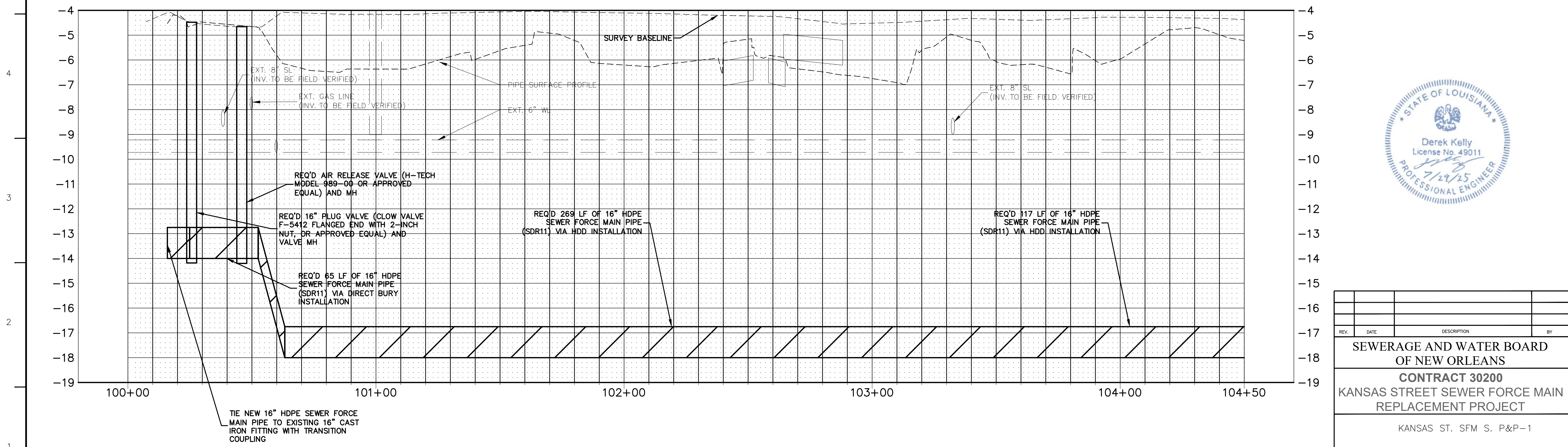
ALL 3-POINT TIES HAVE BEEN PROVIDED BY BFM CORPORATION, LLC

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
<b>CONTRACT 30200</b> KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
3 PT TIES			
DR: DK			
TRC: DK			
CK: RI			
AP:			
SCALE:			
DATE: 07/29/2025	SET NO.	SHEET NO. 5 OF 24	
<b>DWG. NO. 8596-S</b>			

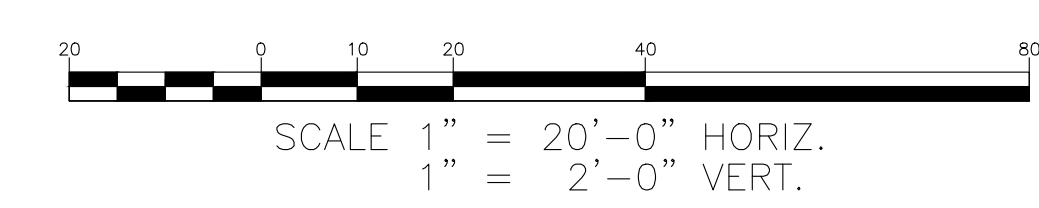


MATCHLINE STA. 104+50

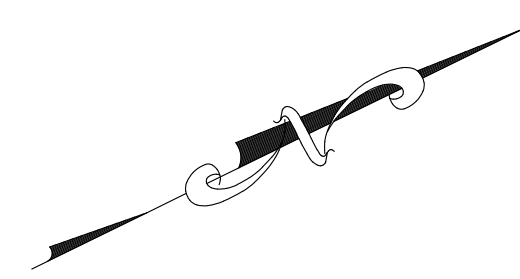
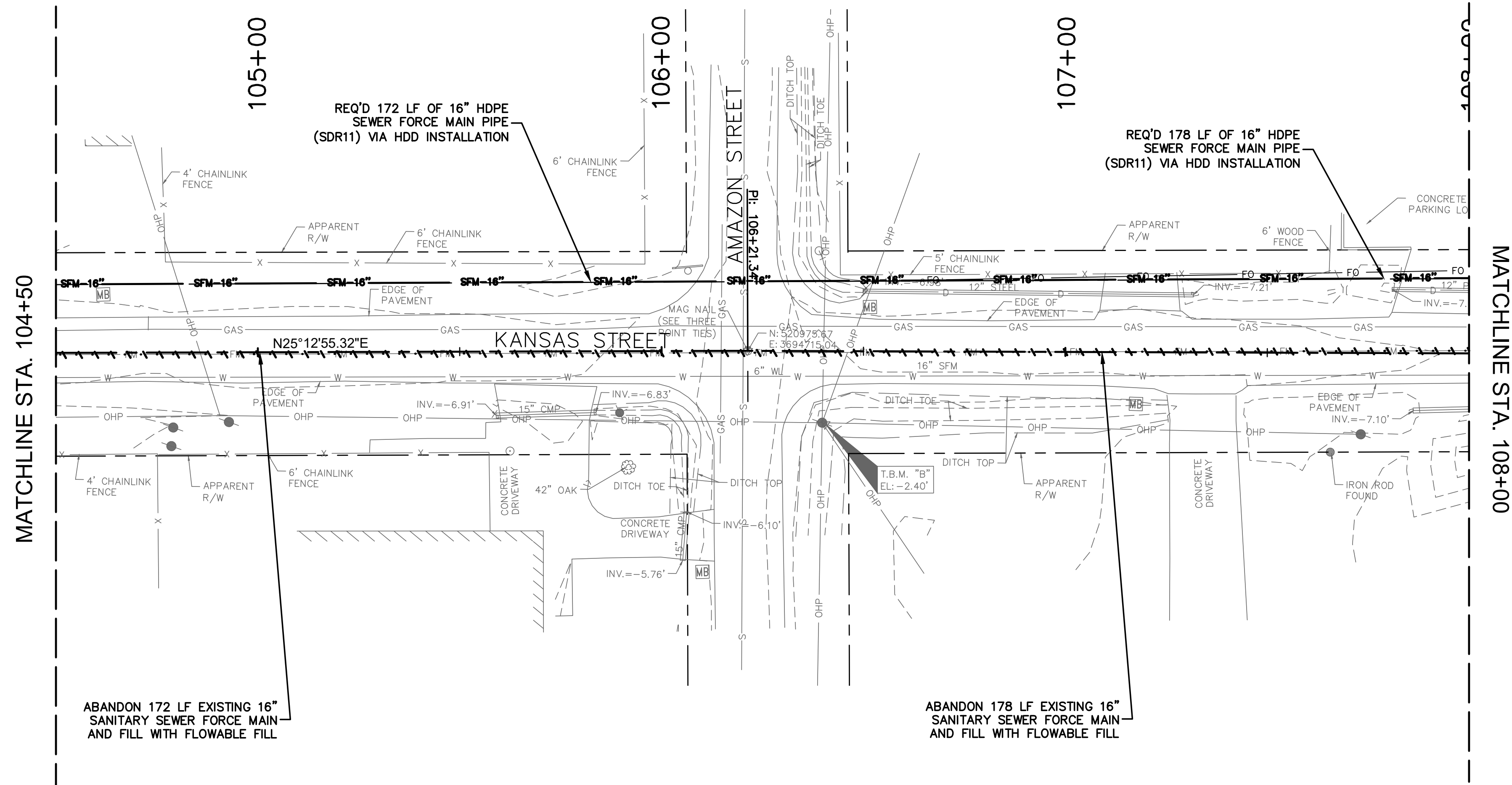
- NOTES:
1. NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIP LINE OF A TREE.
  2. AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  3. NO ROOTS LARGER THAN 2 INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.
  4. ALL DUCTILE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



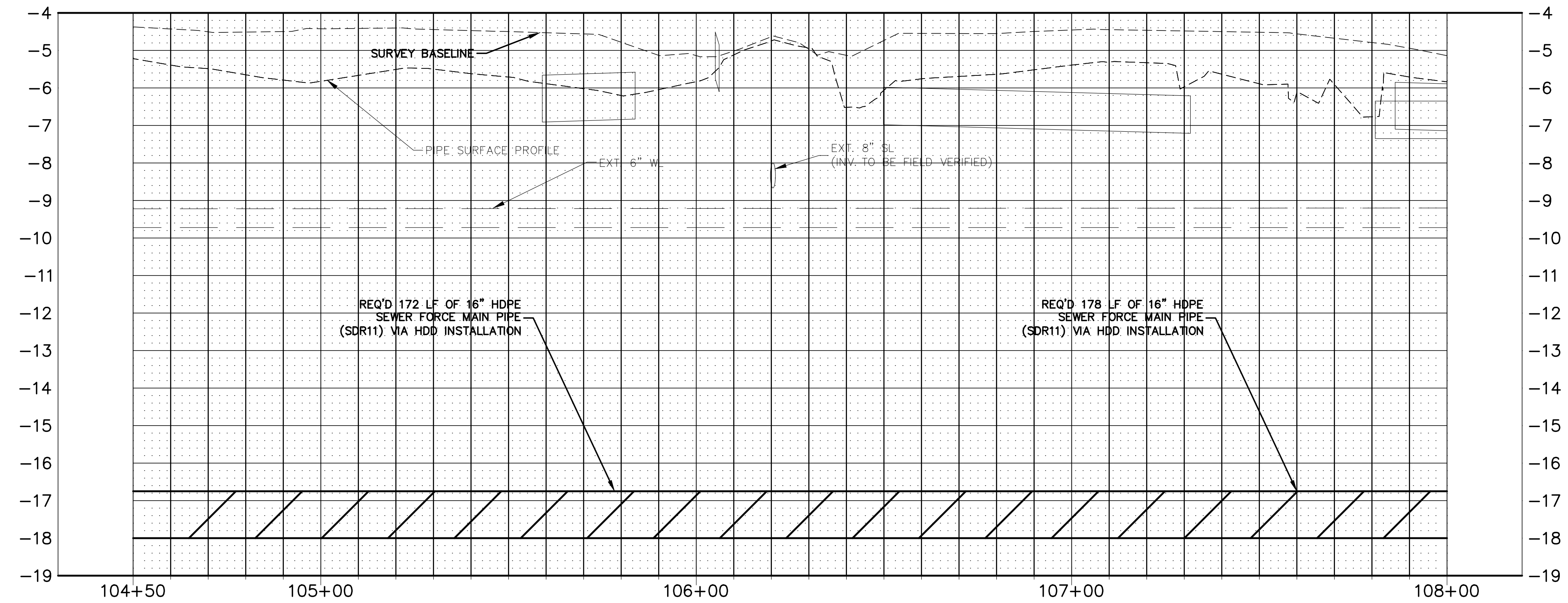
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200 KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM S. P&P-1			



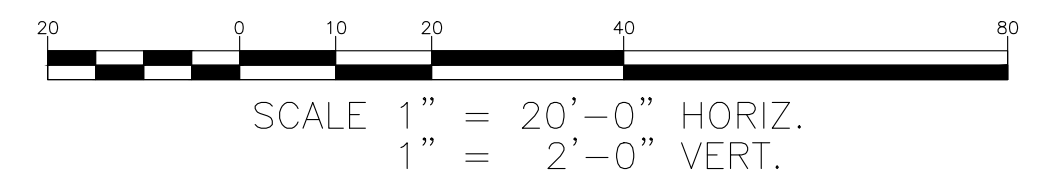
DR. DK	<b>DWG. NO. 8596-S</b>
TRC. DK	
CK. RI	
AP.	
SCALE: 1"=20'-0"	DATE: 07/29/2025
SET NO.	SHEET NO. 6 OF 24



- 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
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200 KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM S. P&P-2			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE: 1"=20'-0"	<b>DWG. NO. 8596-S</b>		
DATE: 07/29/2025	SET NO.	SHEET NO. 7 OF 24	



MAXIMUM ALLOWABLE EXCAVATION LIMITS (35' LENGTH X 10' WIDTH) FOR JACKING PIT DEPICTED; JACKING PIT NOT TO ENCRoACH WITHIN 5' OF EXISTING SIDEWALK; TEMPORARY SPOIL MATERIAL TO BE PLACED WITHIN LIMITS OF R/W FROM ROAD BARRICADE (SEE TCC PLANS) TO NEARBY DRIVEWAYS

REQ'D REMOVAL OF EXISTING CATCH BASIN AND REPLACEMENT W/NO.1 VERTICAL CATCH BASIN; CATCH BASIN INVERT AND T.C. TO MATCH EXISTING CONDITIONS

CONTINUATION OF 16" HDPE SEWER FORCE MAIN PIPE INSTALLED VIA HDD (±46 LF TO REAR OF JACKING PIT)

JACKING PIT DEPTH TO BE DETERMINED BY CONTRACTOR ESTIMATED JACKING PIT DEPTH BETWEEN 8'-10'

REQ'D 16" HDPE SEWER FORCE MAIN PIPE INSTALLED VIA OPEN CUT/ TRENCH (±34 LF)

REQ'D REMOVAL OF EXISTING SEWER MANHOLE; AREA TO BE BACKFILLED FOLLOWING REMOVAL OF SEWER MANHOLE

REQ'D 57 LF OF 16" HDPE CARRIER PIPE AND 24" STEEL CASING PIPE VIA JACK AND BORE INSTALLATION, SEE SHEET 10 FOR TYPICAL SECTION DETAIL

REQ'D NEW SEWER MANHOLE AND TIE-IN TO EXISTING SEWER MAIN, ANTICIPATED TOC = -6.21' STA. 108+88.95, 29.97' (LT) INVERT = -16.91

TEMPORARY SPOIL LOCATION DEPICTED FOR INFORMAL PURPOSES ONLY. MAX HEIGHT 5'.

EXCAVATED RECEIVING PIT AS SHOWN MEASURES 10' IN WIDTH AND 12' IN LENGTH. MINIMUM 5' OFFSET FROM BACK OF CURB TO BE APPLIED TO RECEIVING PIT EXCAVATION LIMITS. SEE SHEET NOTES.

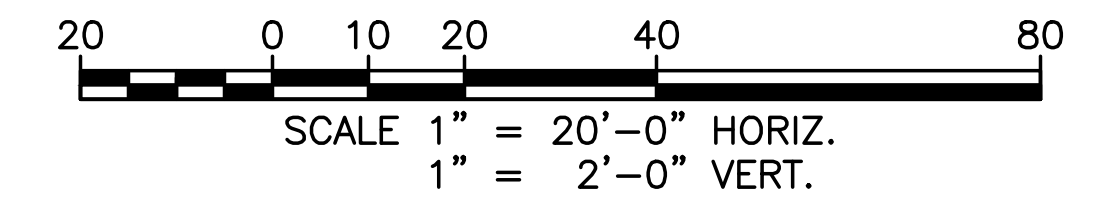
MIN 5' OFFSET FROM BACK OF CURB TO THE RECEIVING PIT EXCAVATION LIMITS

EXISTING 16" SFM PIPE, 167"± TO BE ABANDONED IN PLACE VIA FLOWABLE FILL

REQ'D REMOVAL / REPLACEMENT OF CONCRETE SIDEWALK (7 SY); NEW SIDEWALK TO BE INSTALLED FROM NEAREST JOINT TO JOINT (8 LF SAWCUT)

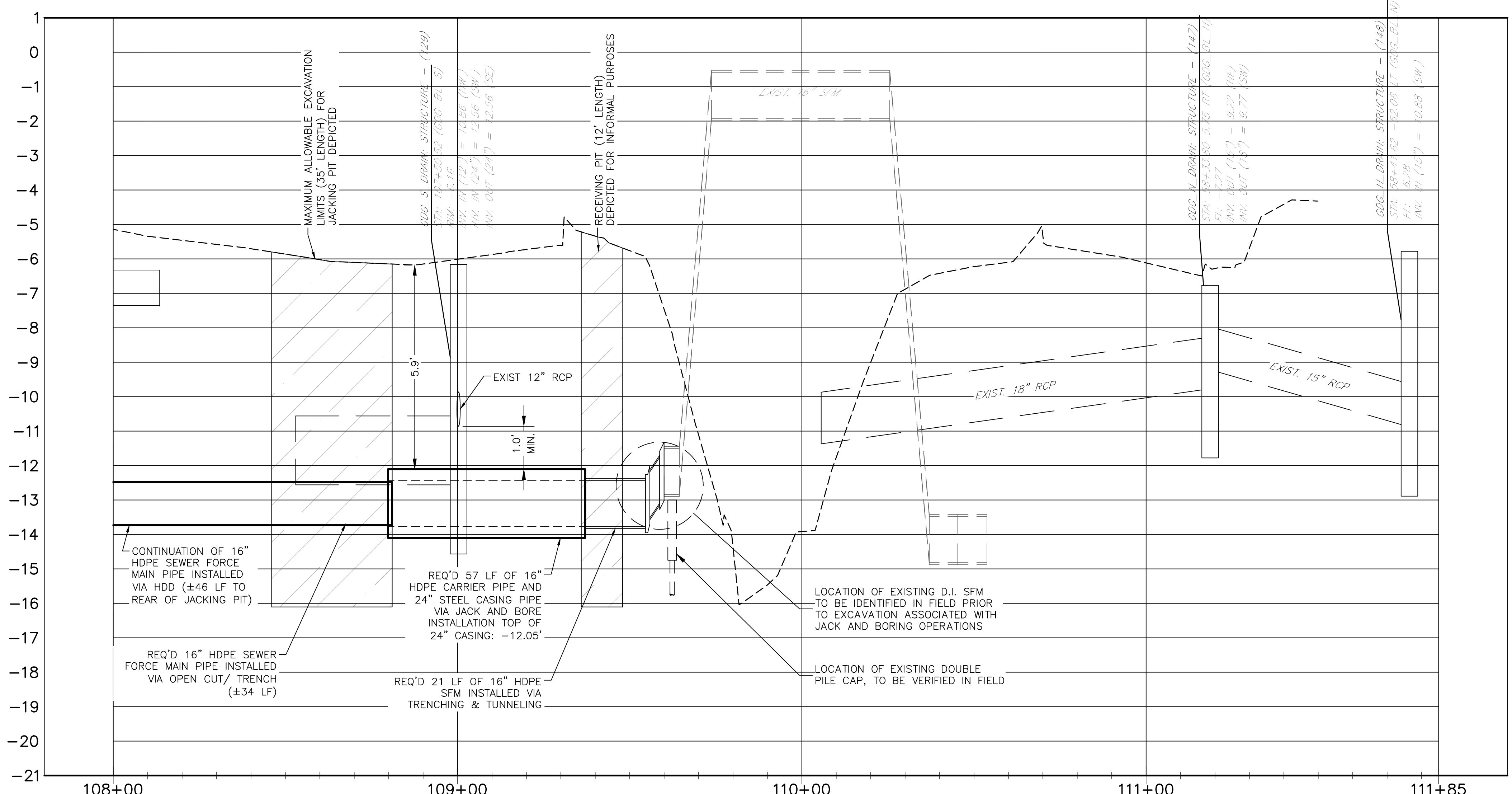
MATCHLINE STA. 57+28.39

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:

1. 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.
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 UNDERNEATH THE CONCRETE SLAB AND THE NEARBY PILE CAP IS TO BE 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.
7. 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

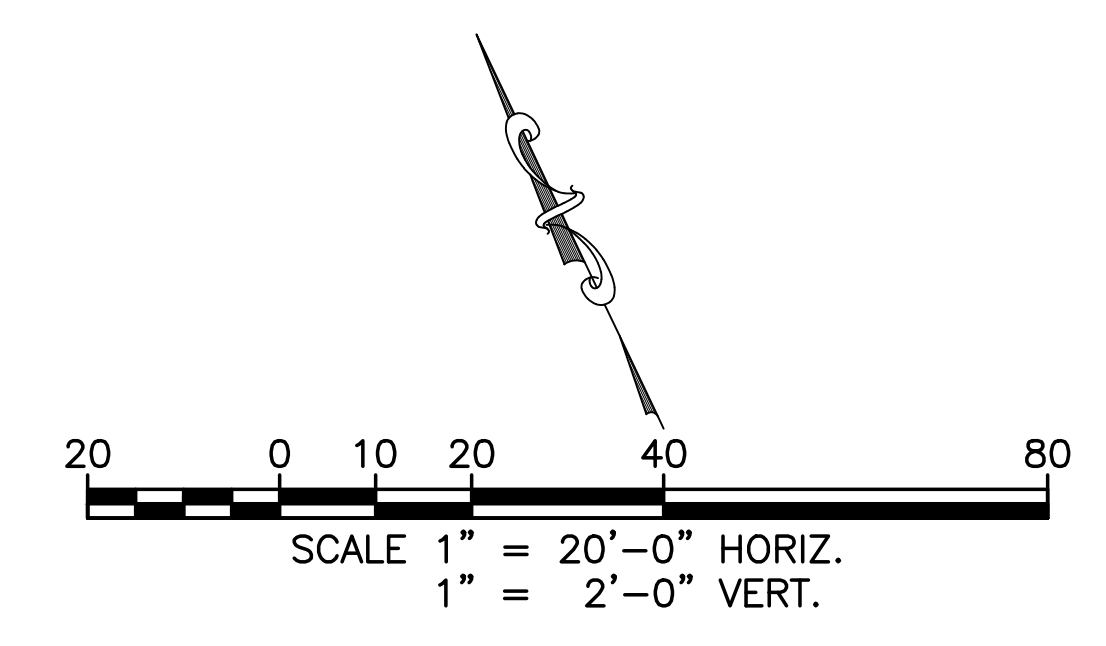
- REQUIRED EXCAVATION WITH TEMPORARY RETAINING STRUCTURE FOR PIPE INSTALLATION (ANSI35)
- REQUIRED TEMPORARY SPOIL AREA (EARTH)
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP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

REV.	DATE	DESCRIPTION	BY

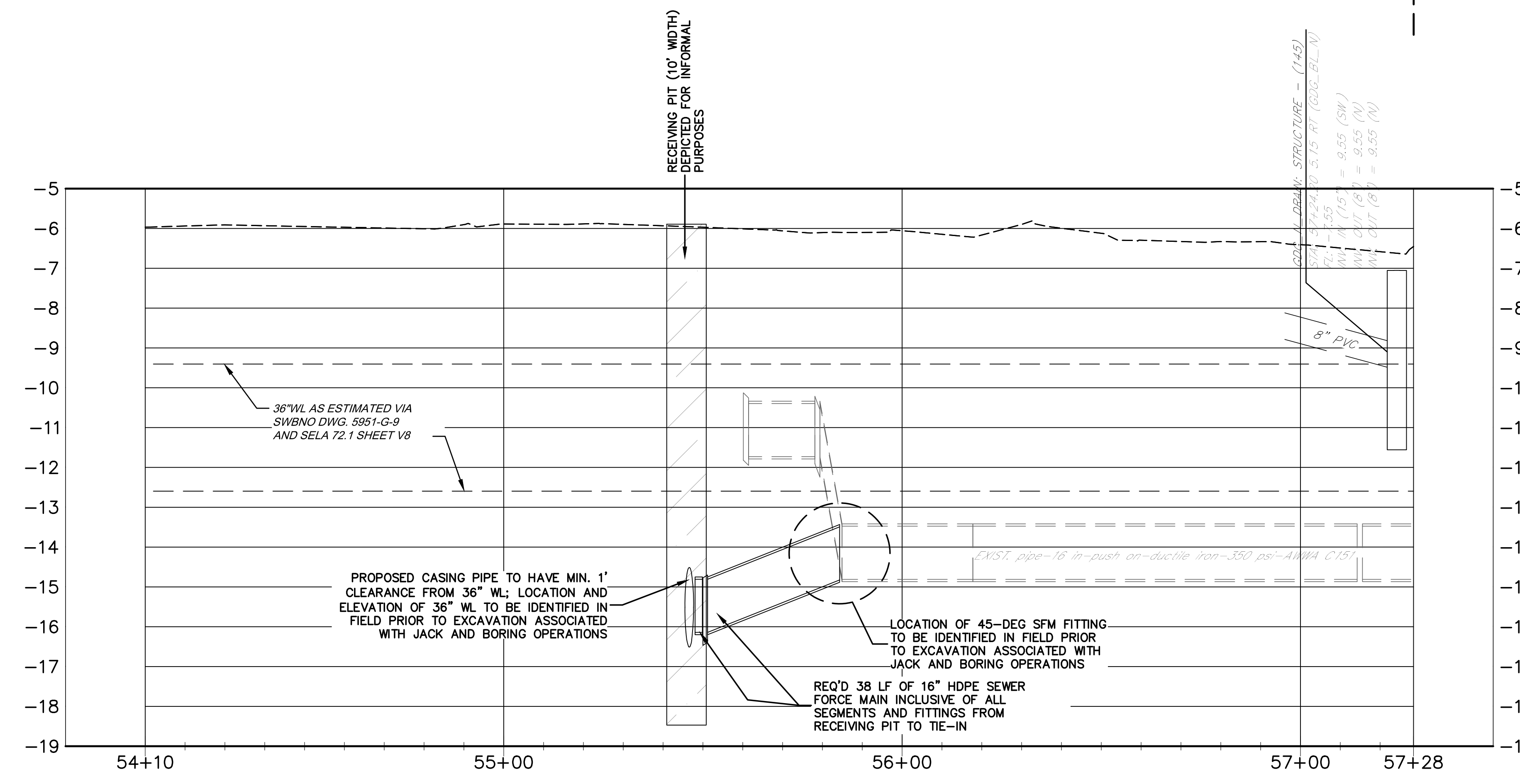
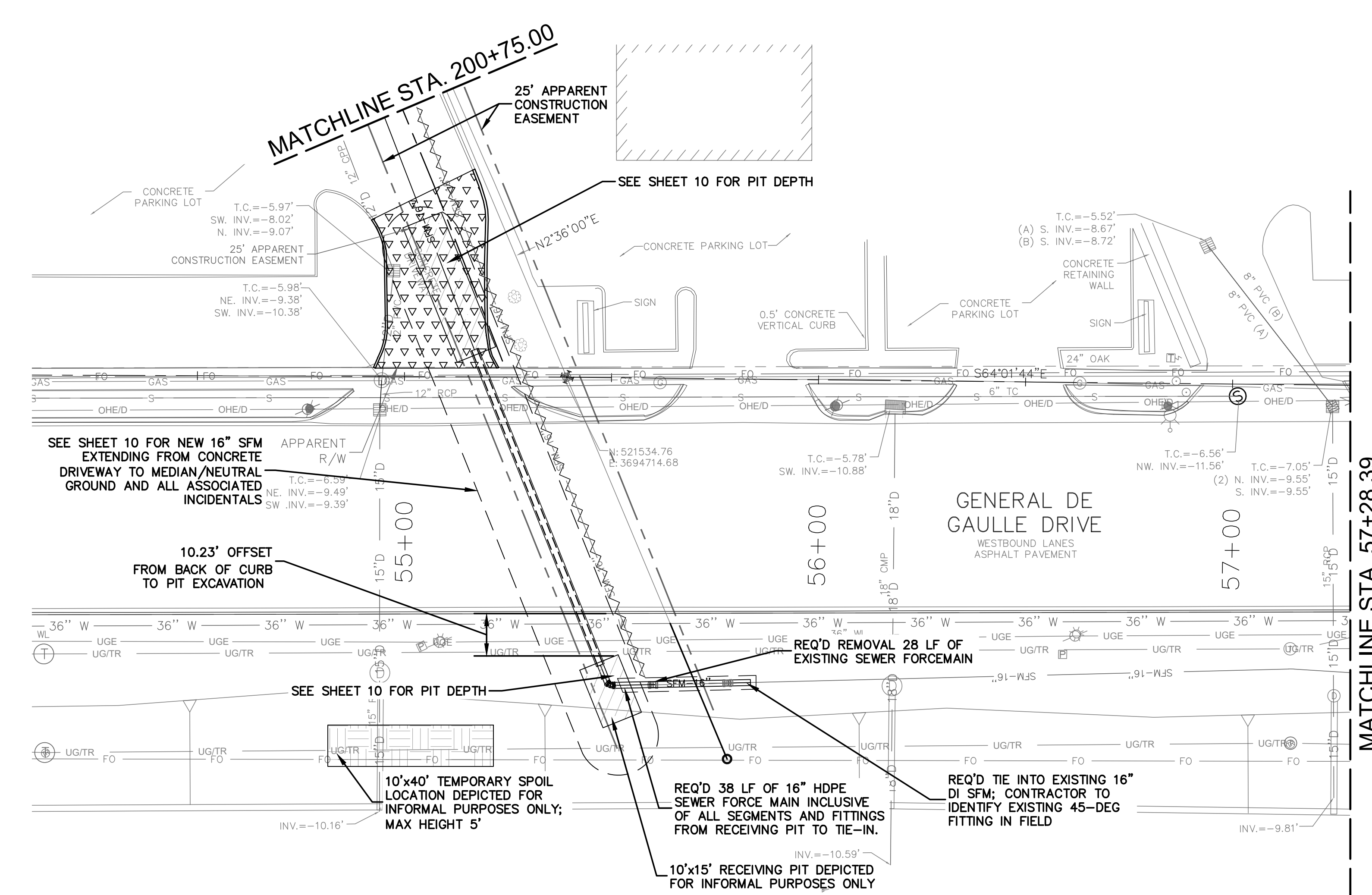
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**CONTRACT 30200**  
**KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT**  
 KANSAS ST. SFM S. P&P-4

DR. KG	<b>wingate.</b> WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE, NEW ORLEANS, LA 70122
TRC. TL	
CK. AB	
AP. AB	

SCALE: 1"=20'  
 DATE: 07/28/2025 SET NO. SHEET NO. 8 OF 22



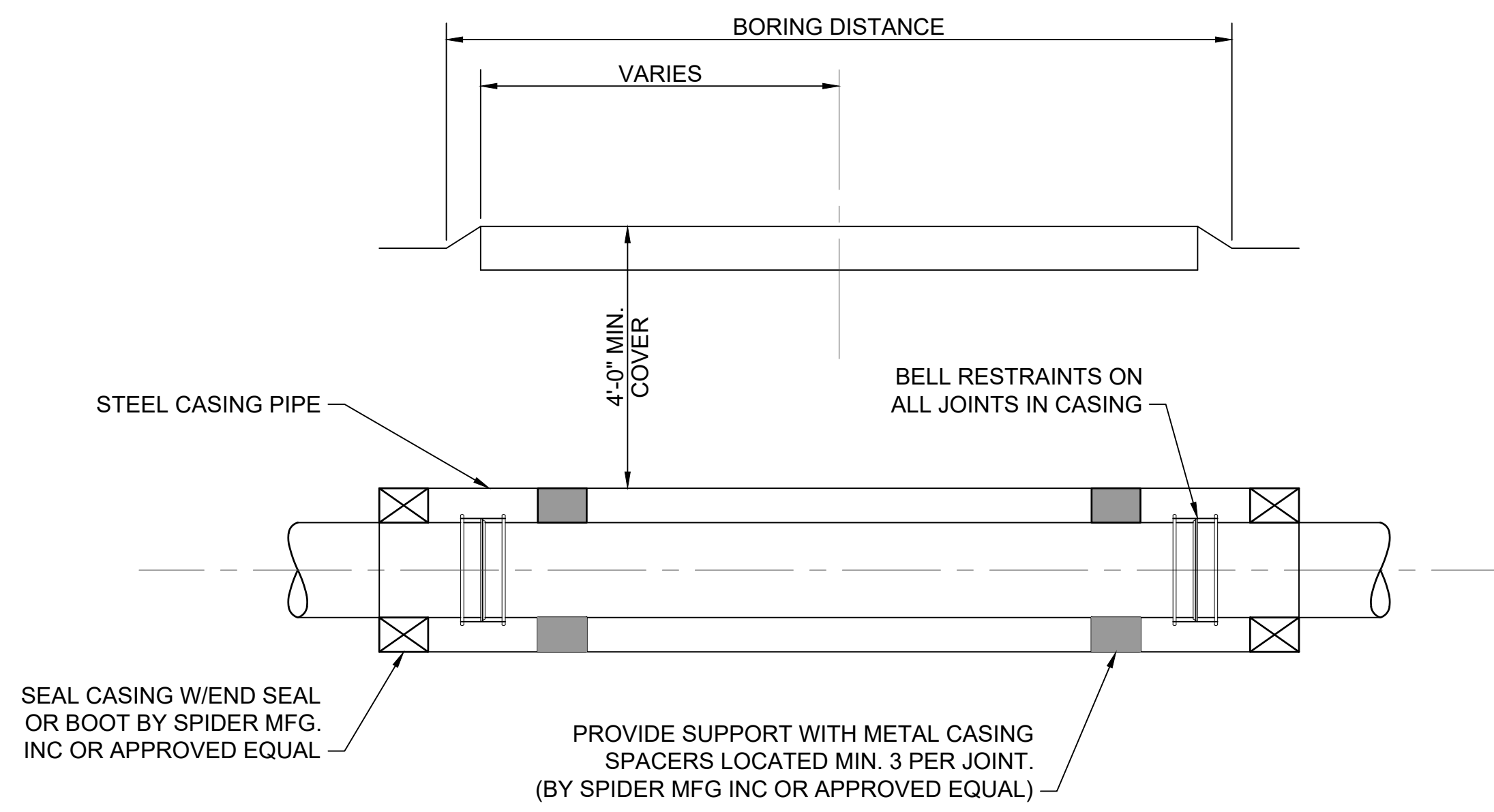
- NOTES:**
1. SURVEY PERFORMED BY BFM CORPORATION, LLC. (BFM) OCCURRED IN 2015 PRIOR TO CONSTRUCTION OF CANAL CONCRETE FLUME; THEREFORE, DRAINAGE STRUCTURES RELATED TO THE CONCRETE CANAL AND FEATURES WITHIN THE MEDIAN/NEUTRAL GROUND AS DEPICTED IN PLAN & PROFILE MAY NOT REFLECT PRESENT CONDITIONS. ANY 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 TEMPORARILY 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.



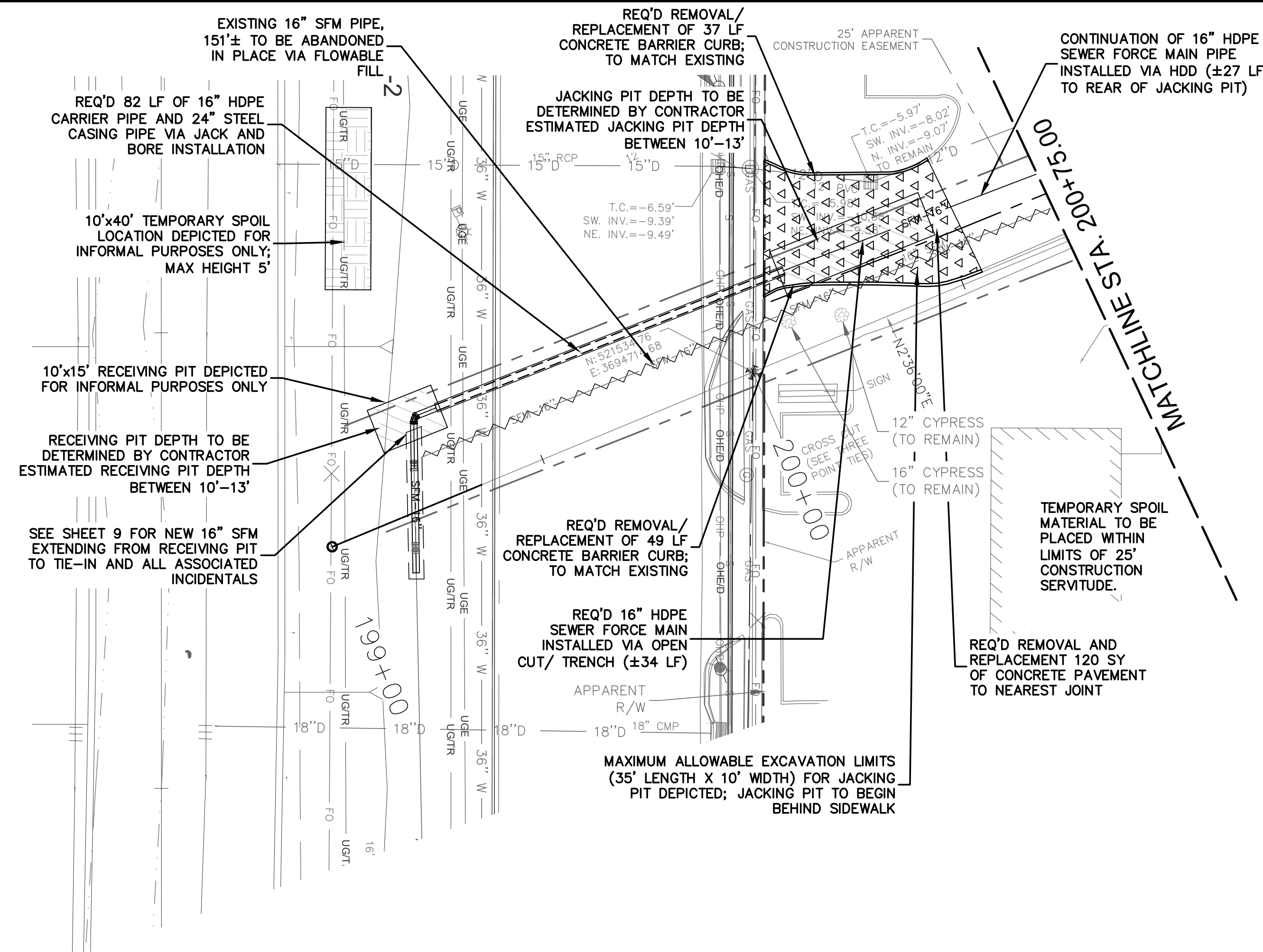
**LEGEND**

	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)

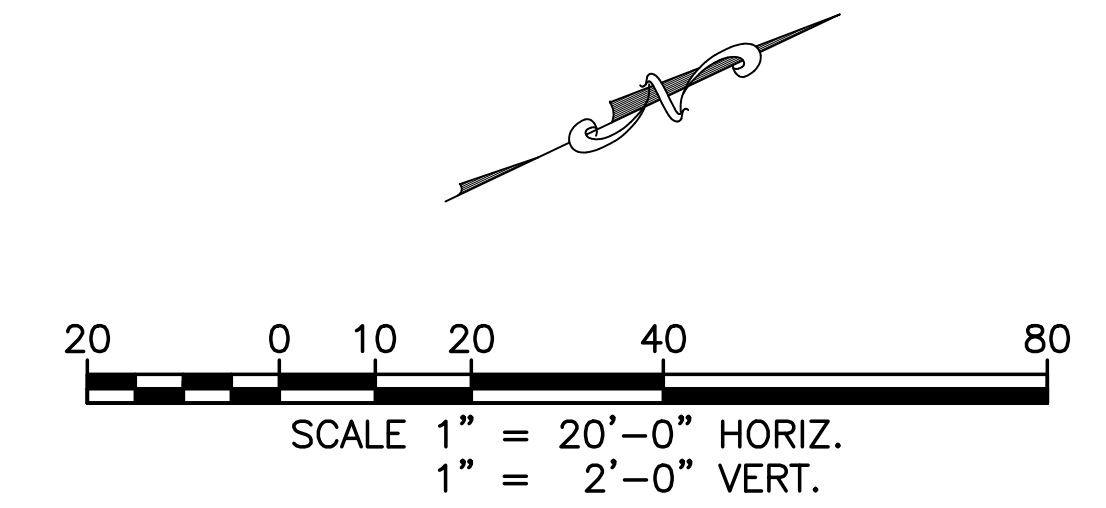
<b>SEWERAGE AND WATER BOARD OF NEW ORLEANS</b>			
<b>CONTRACT 30200</b>			
<b>KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT</b>			
GEN DE GAULLE DR. SFM S. P&P-1			
DR. KG			
TRC. TL			
CK. AB			
AP. AB			
SCALE: 1"=20'			
DATE: 07/28/2025	SET NO.	SHEET NO. 9 OF 22	



SECTION 1: JACK AND BORE TYPICAL SECTION



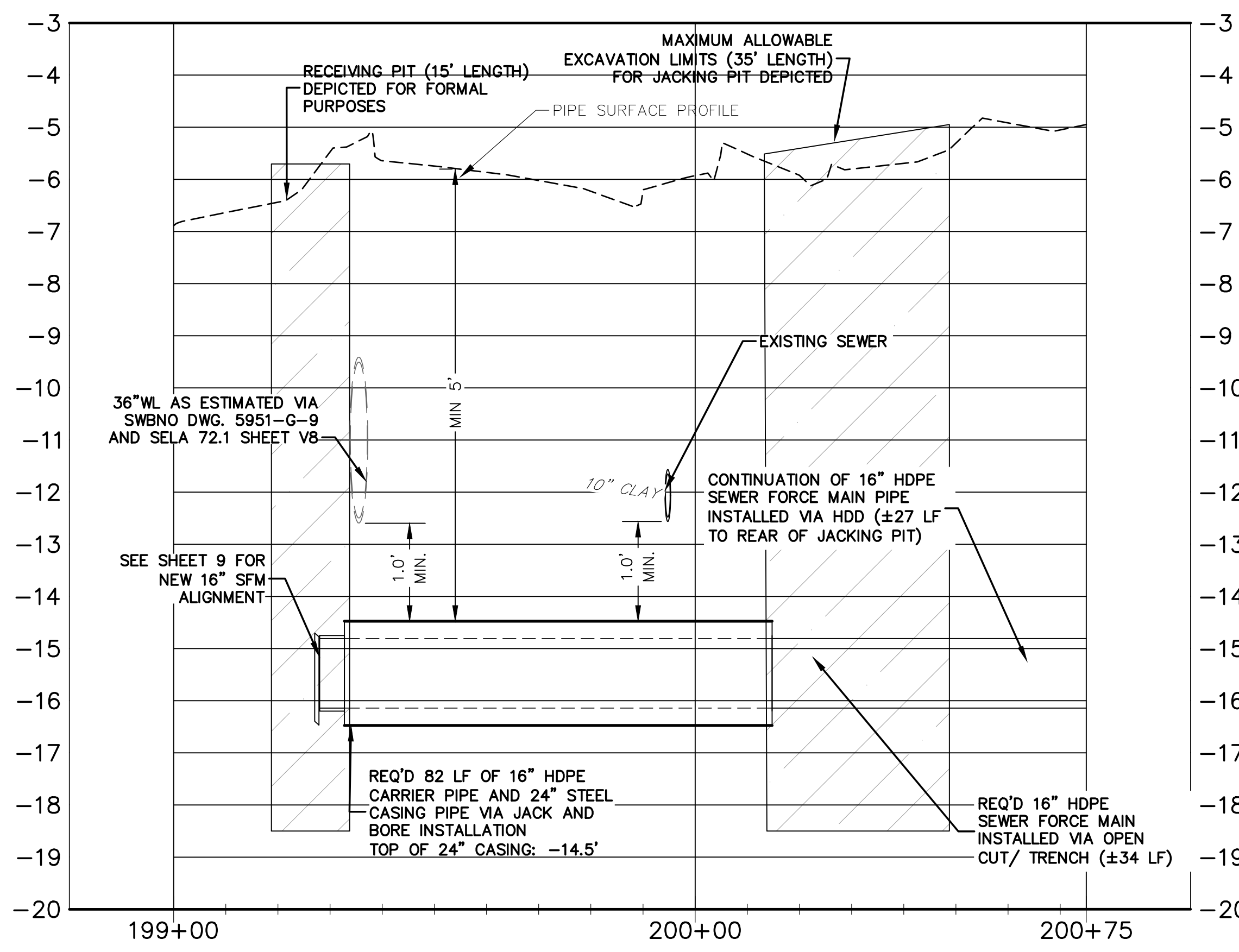
SECTION 2: ENLARGEMENT OF NORTH GENERAL DE GAULLE PROPOSED CROSSING SEWER FORCE MAIN



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:
- 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.
  - 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.
  - 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 OR CONSTRUCTION EASEMENT.
  - ALL SFM FITTINGS TO REQUIRE MECHANICAL JOINTS AT ALL CHANGES IN DIRECTION WITH A MAX BEND OF 45 DEGREES.

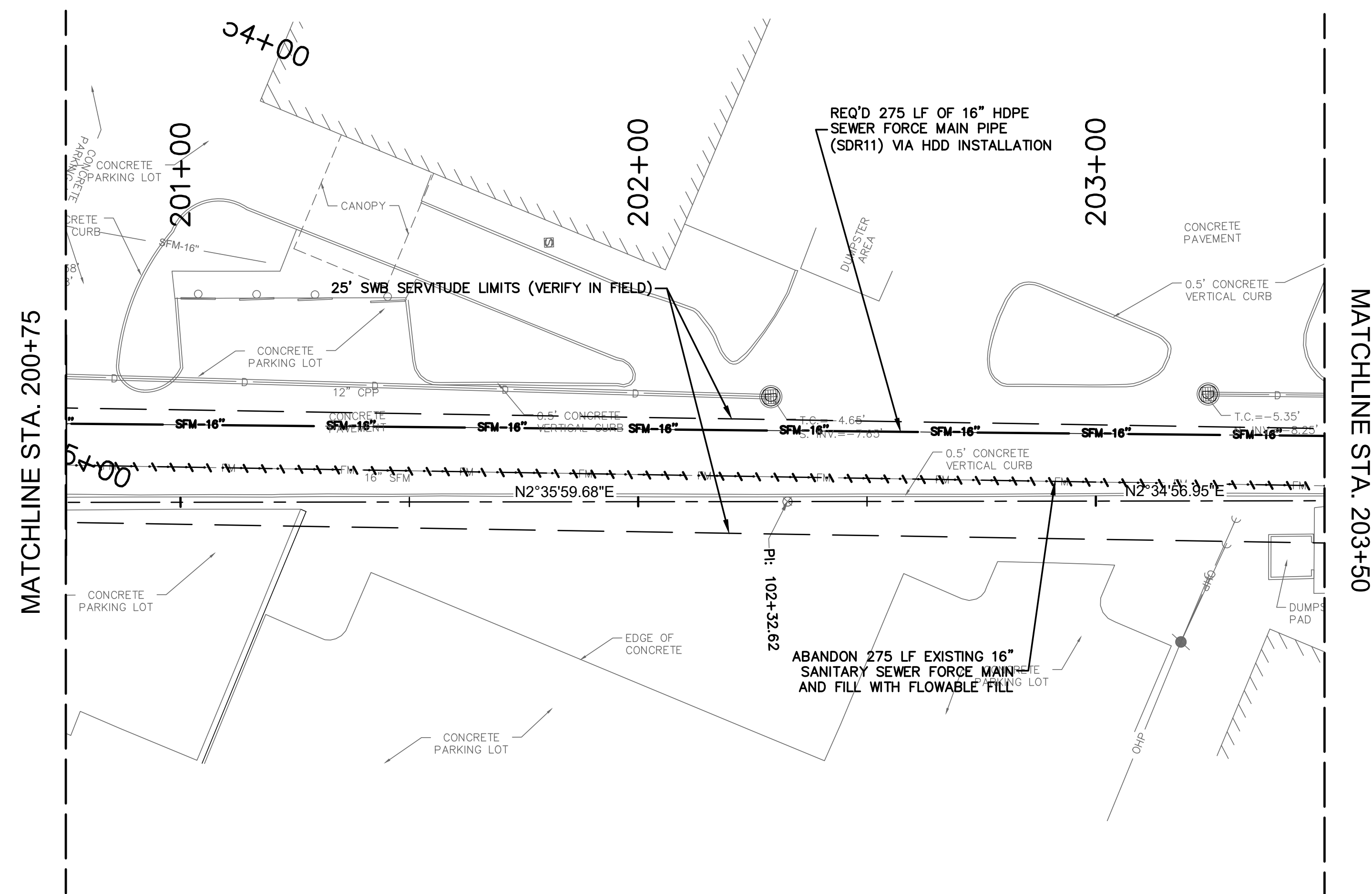
- TREE NOTES:
- NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIPLINE OF THE NEARBY TREES.
  - AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  - NO ROOT LARGER THAN TWO (2) INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.



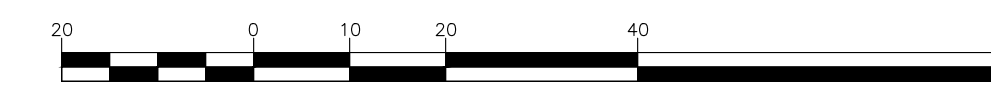
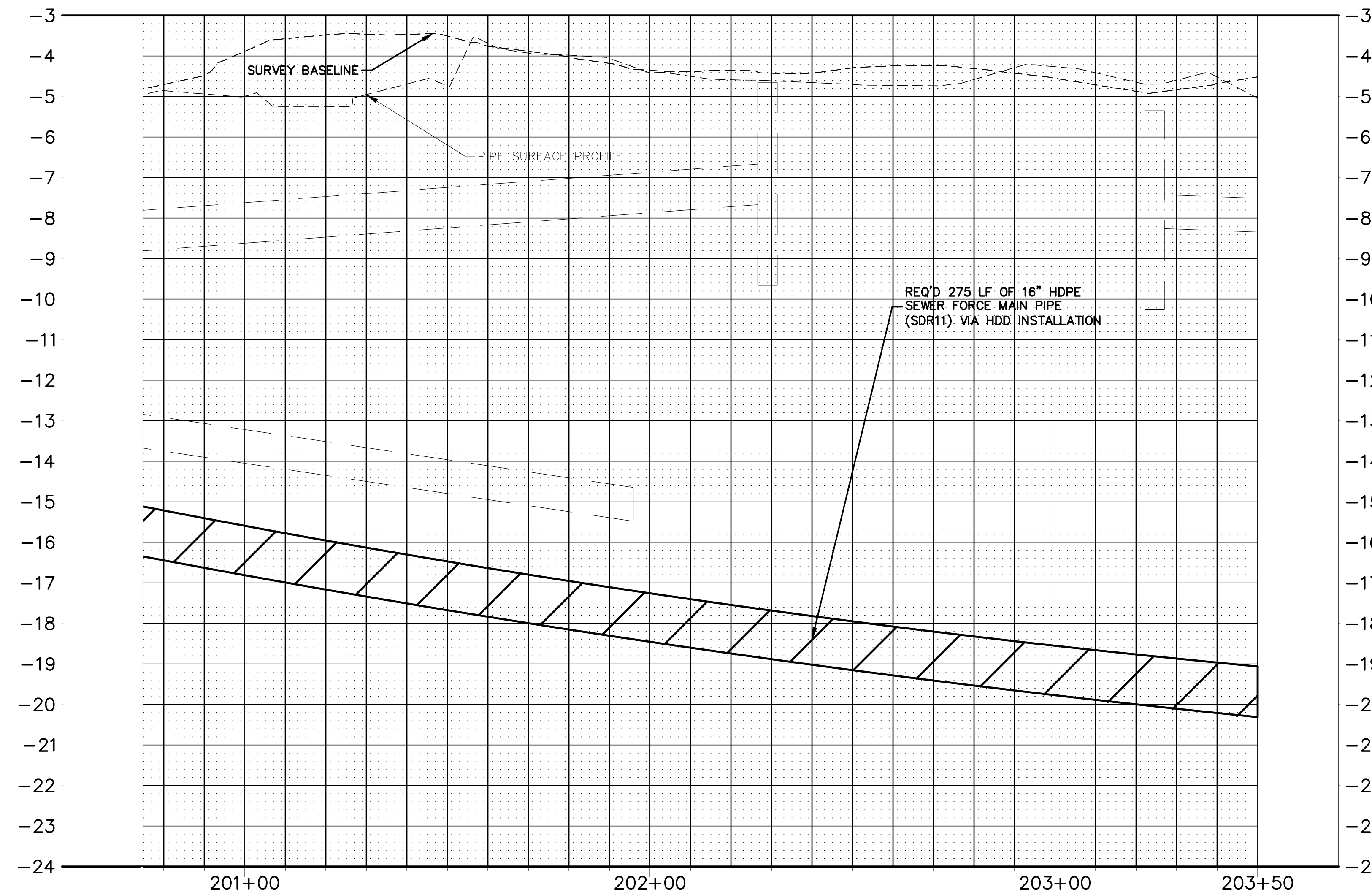
LEGEND

	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	 WINGATE ENGINEERS, LLC 2378 PRENTISS AVENUE, NEW ORLEANS, LA 70122		
TRC. TL			
CK. AB			
AP. AB			
SCALE: 1"=20'	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.



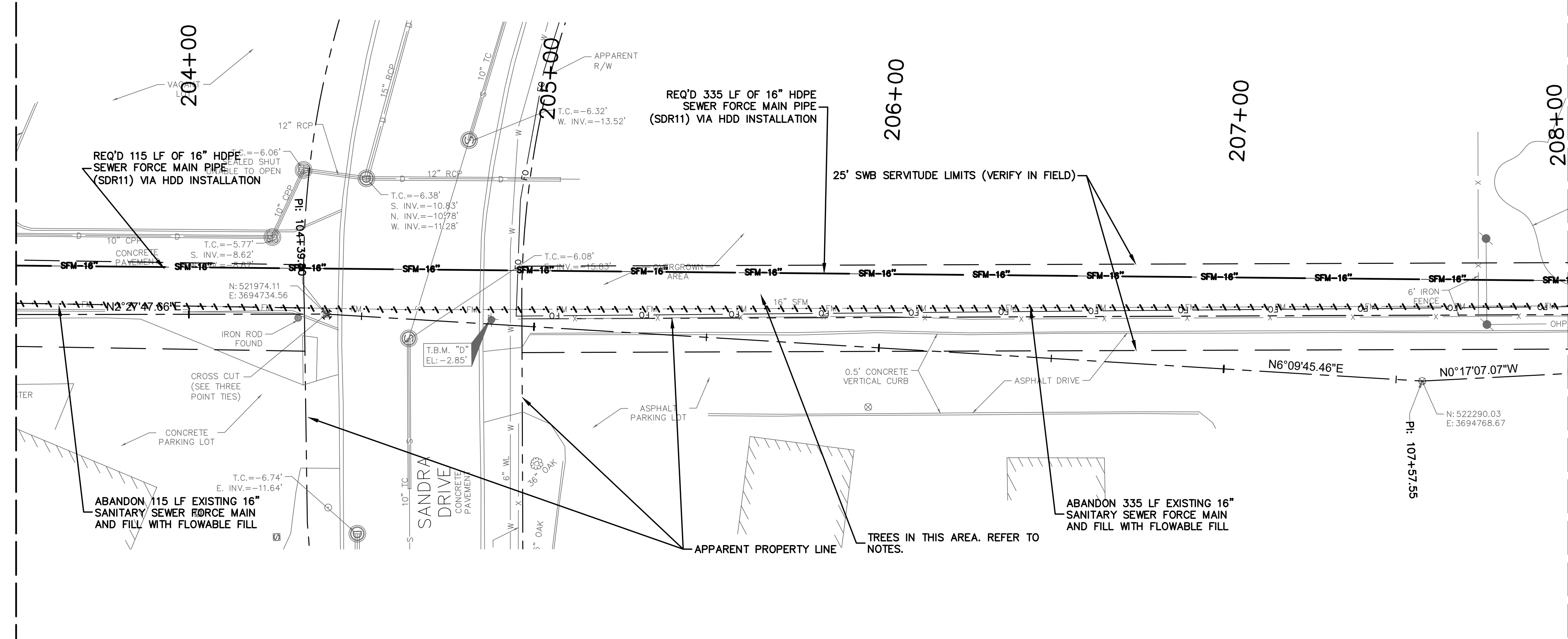
SCALE 1" = 20'-0" HORIZ.  
1" = 2'-0" VERT.



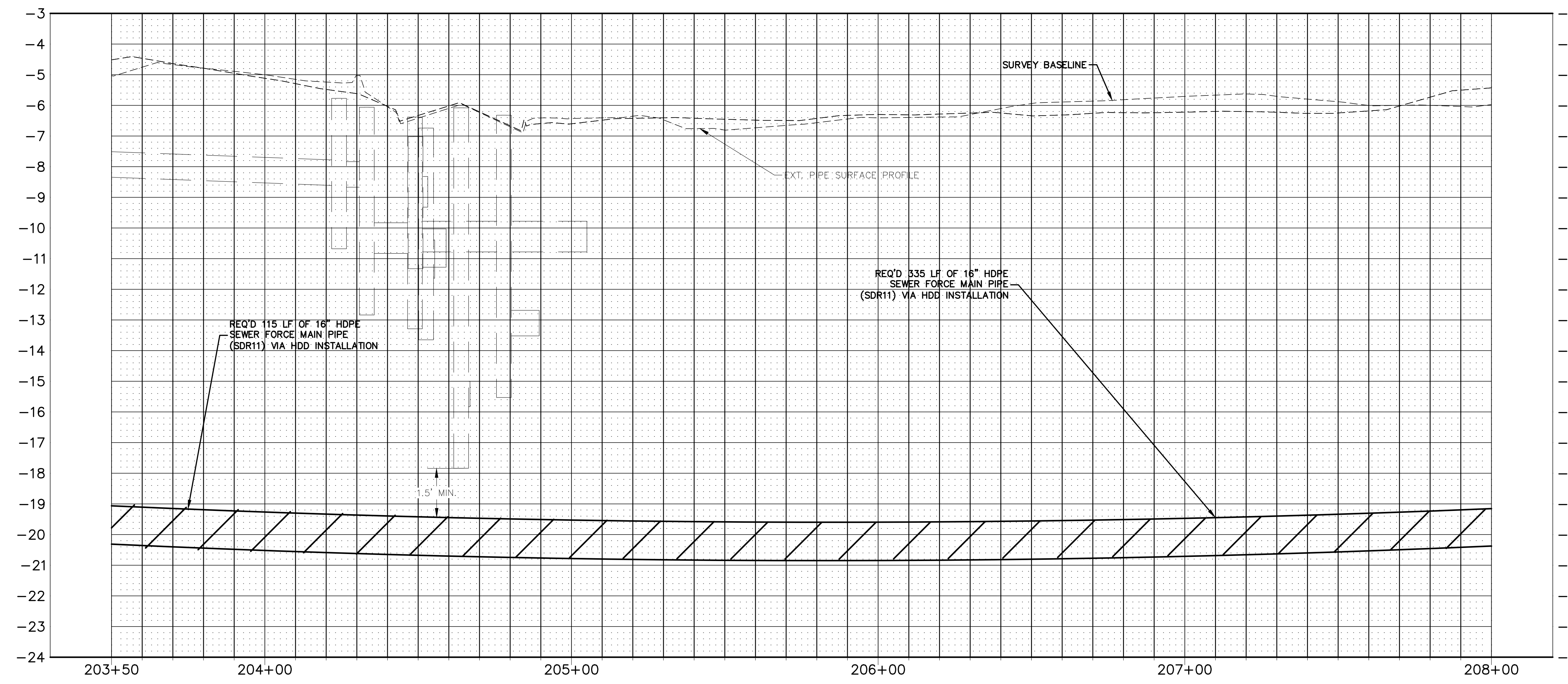
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM N. P&P-1			
DR. DK			
TRC. DK			
CK. RI			
AP.			
SCALE: 1"=20'-0"	<b>DWG. NO. 8596-S</b>		
DATE: 07/29/2025	SET NO.	SHEET NO. 11 OF 24	

MATCHLINE STA. 203+50

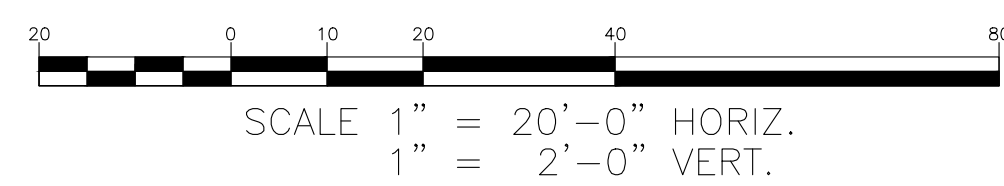
MATCHLINE STA. 208+00



- 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.

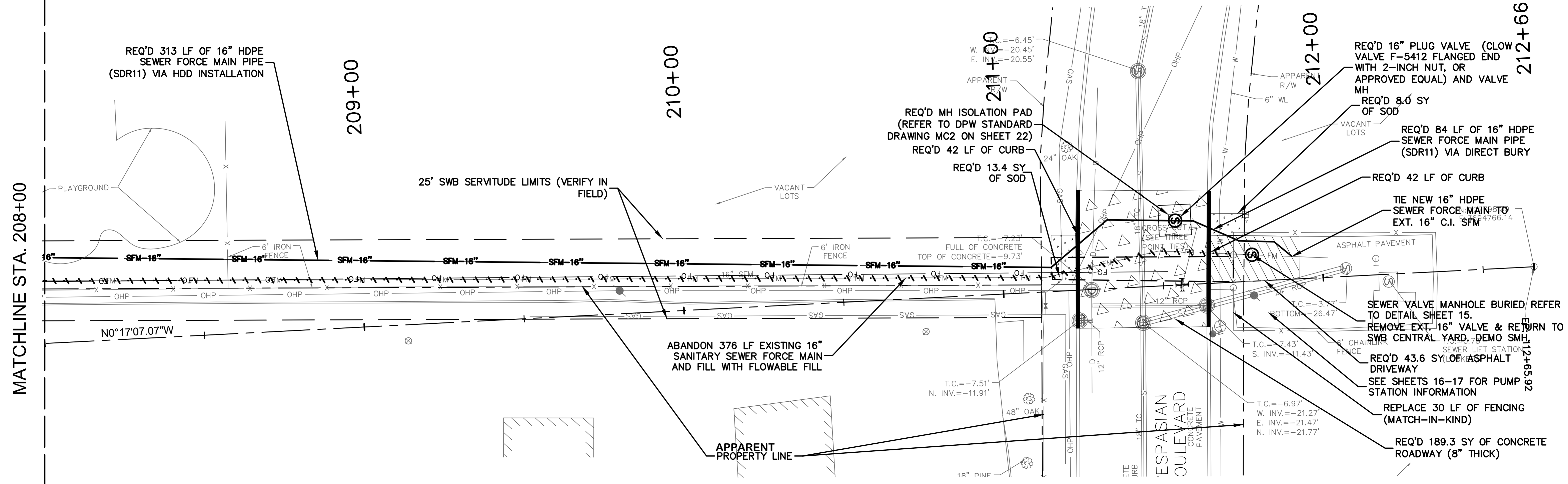


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30200 KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
KANSAS ST. SFM N. P&P-2			

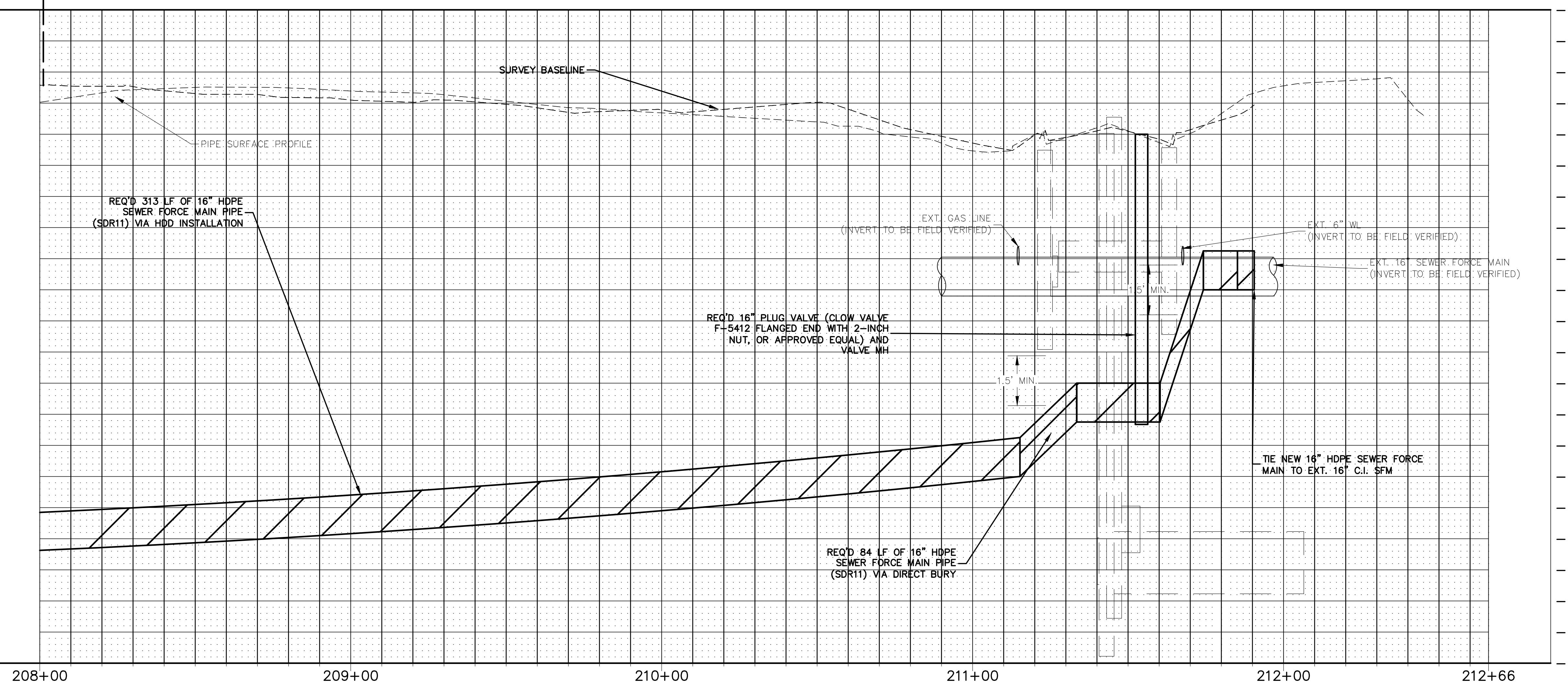


DR. DK	
TRC. CLK	
CK. RI	
AP.	
SCALE: 1"=20'-0"	<b>DWG. NO. 8596-S</b>
DATE: 07/29/2025	SHEET NO. 12 OF 24

MATCHLINE STA. 208+00



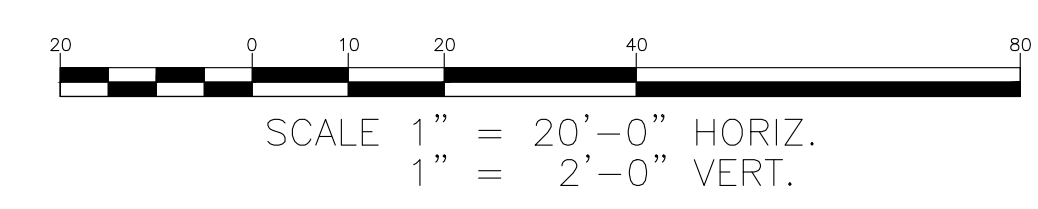
- NOTES:
- ONE LANE OF TRAFFIC SHALL BE OPEN AT ALL TIMES DURING CONSTRUCTION.
  - CONTRACTOR TO NOTIFY RTA ABOUT ROAD WORK BUSINESS DAYS PRIOR TO CONSTRUCTION
  - NO MECHANICAL EXCAVATION IS PERMITTED UNDER THE DRIP LINE OF A TREE.
  - AIR SPADING AND/OR HAND DIGGING IS PERMITTED UNDER THE DIRECTION OF A LICENSED ARBORIST.
  - NO ROOTS LARGER THAN 2 INCHES IN DIAMETER MAY BE SEVERED IN ANY EXCAVATION EXCEPT BY A LICENSED ARBORIST.
  - ALL DUCTILE IRON PIPES AND FITTINGS SHALL HAVE A PROCETO 401 CERAMIC EPOXY INTERIOR LINING, OR APPROVED EQUAL

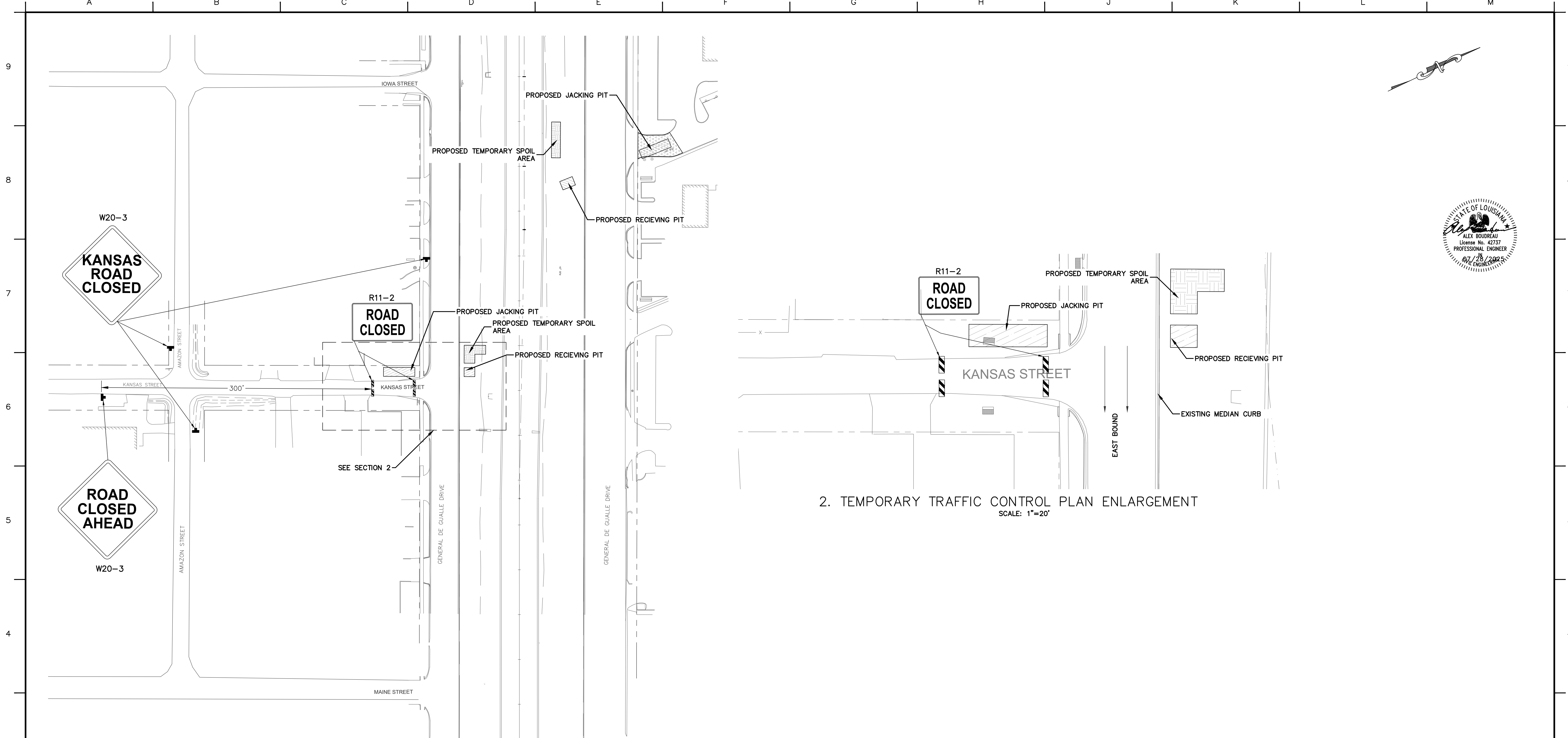


REV.	DATE	DESCRIPTION	BY

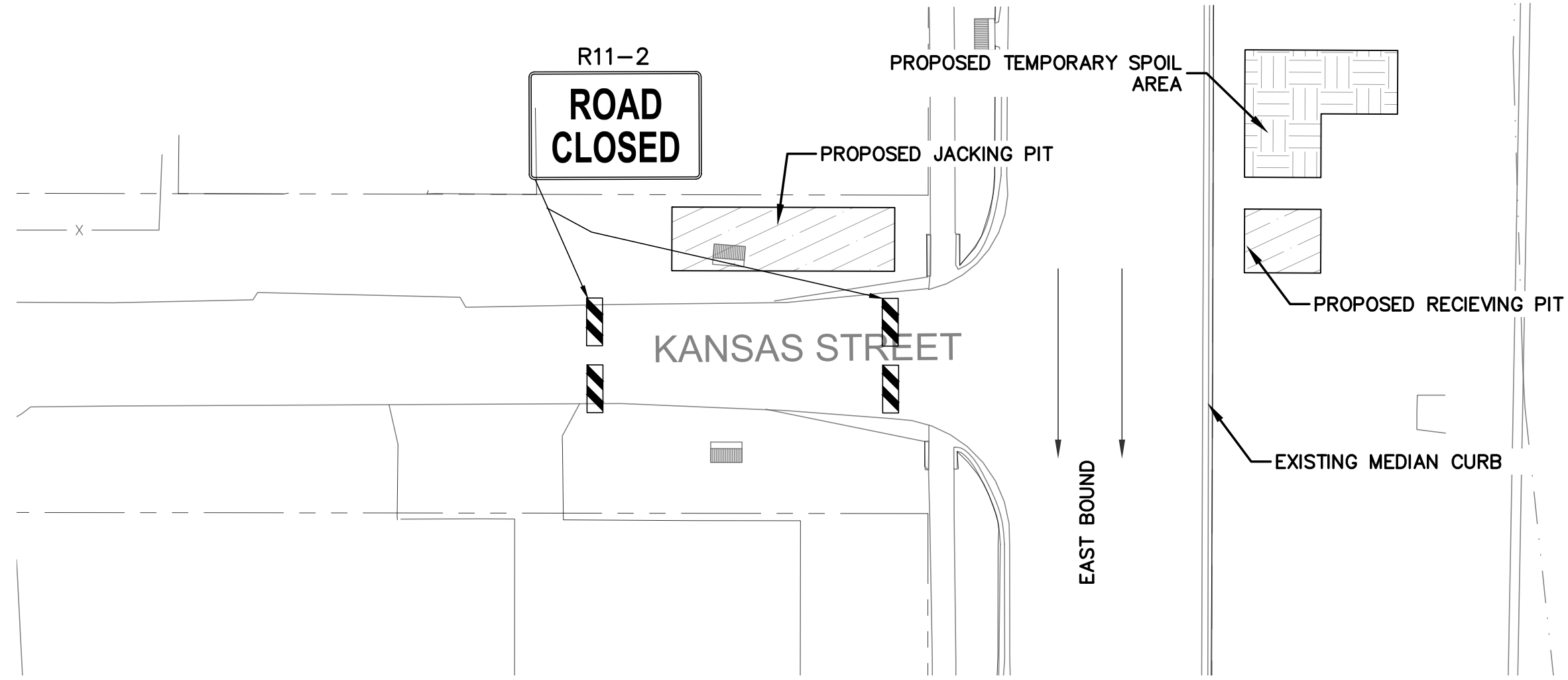
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**CONTRACT 30200**  
**KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT**  
 KANSAS ST. SFM N. P&P-3

DR. DK	
TRC. DK	
CK. RI	
AP.	
SCALE: 1"=20'-0"	<b>DWG. NO. 8596-S</b>
DATE: 07/29/2025	SHEET NO. 3 OF 24

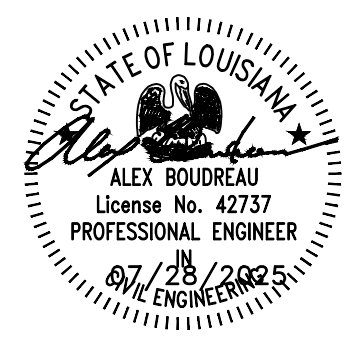
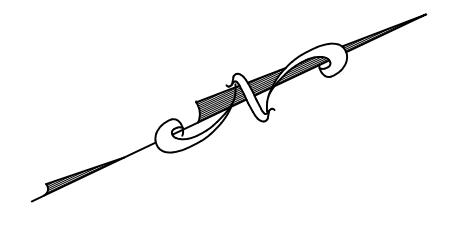




1. OVERVIEW TEMPORARY TRAFFIC CONTROL PLAN  
SCALE: 1"=50'



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

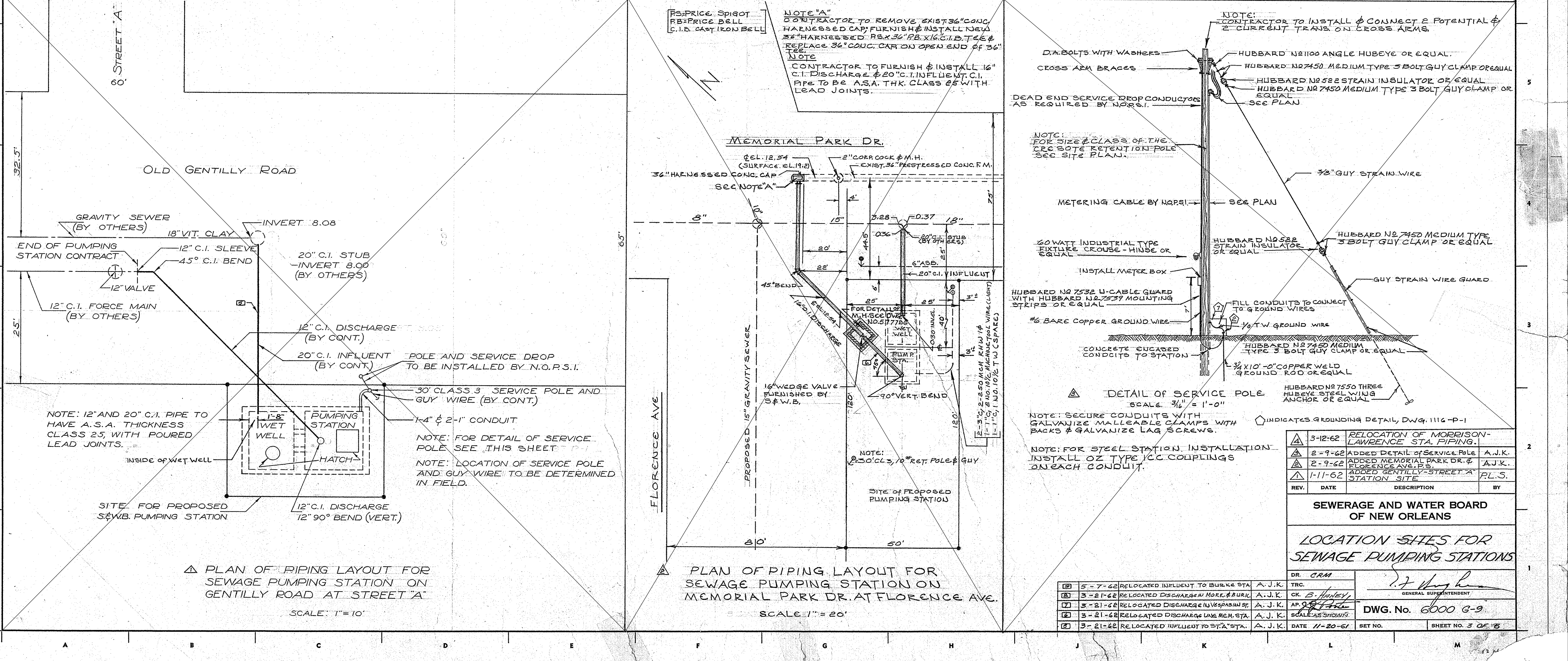
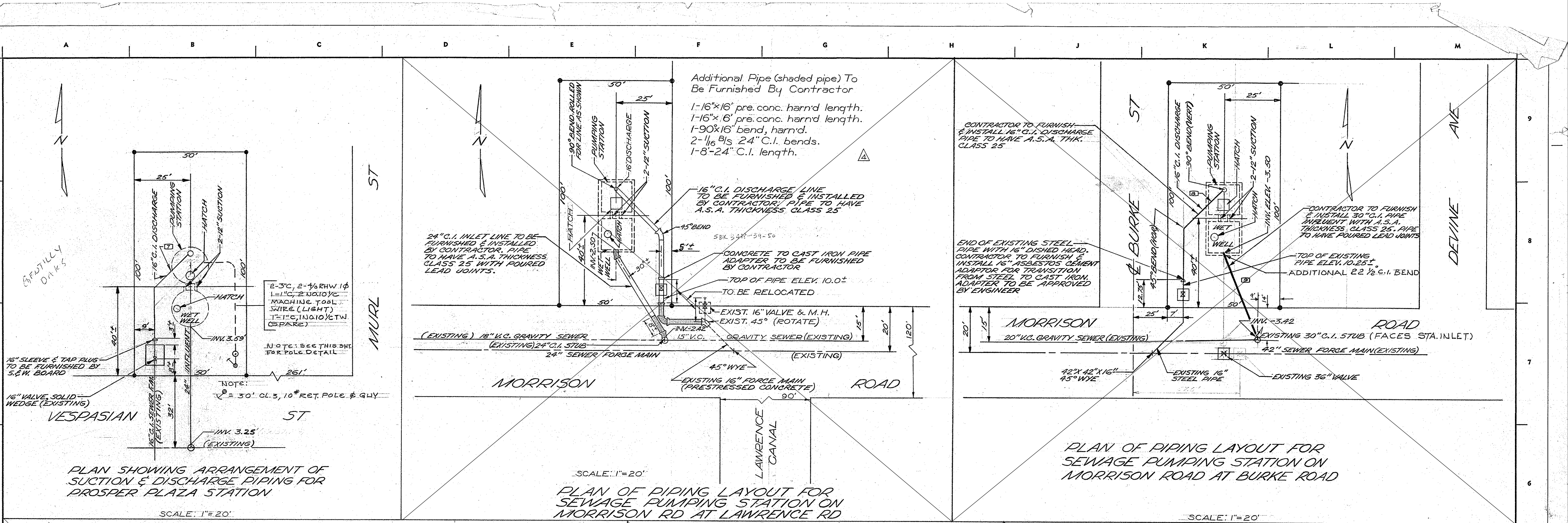


**LEGEND**

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

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

- 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.



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. GRAM	TRC.	DATE	BY	REVISION	DESCRIPTION
2-7-62			A.J.K.	1	RELOCATED INFLUENT TO BURKE STA.
3-21-62			A.J.K.	2	RELOCATED DISCHARGE FROM BURKE STA.
3-21-62			A.J.K.	3	RELOCATED DISCHARGE FROM VESPASIAN STA.
3-21-62			A.J.K.	4	RELOCATED DISCHARGE FROM MORRISON STA.
3-21-62			A.J.K.	5	RELOCATED INFLUENT TO BURKE STA.

DR. GRAM: *[Signature]*  
TRC. CK: *[Signature]*  
DWG. No. 6000 3-9  
DATE: 7-20-61  
SHEET NO. 3 OF 15

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONTRACT 30200**

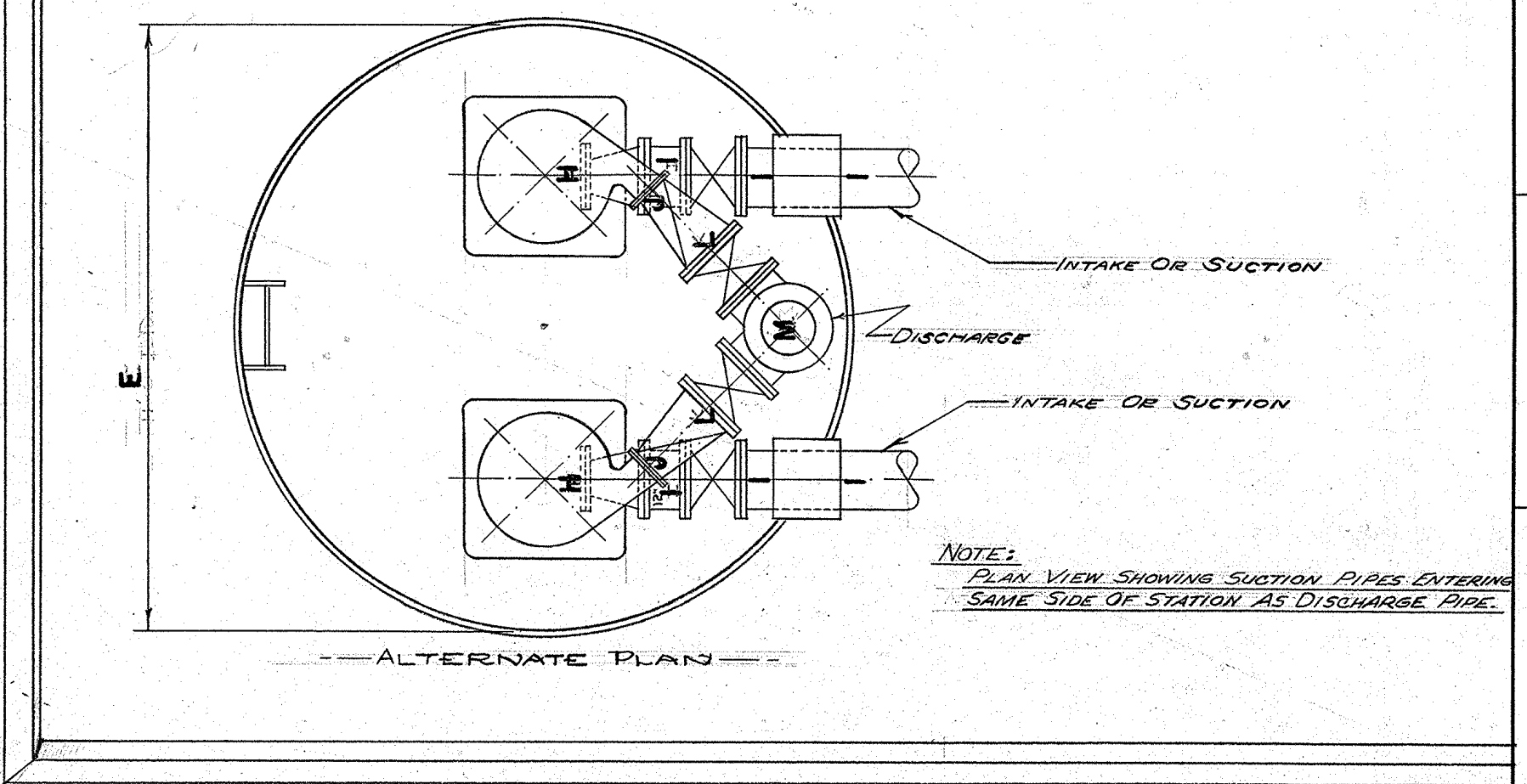
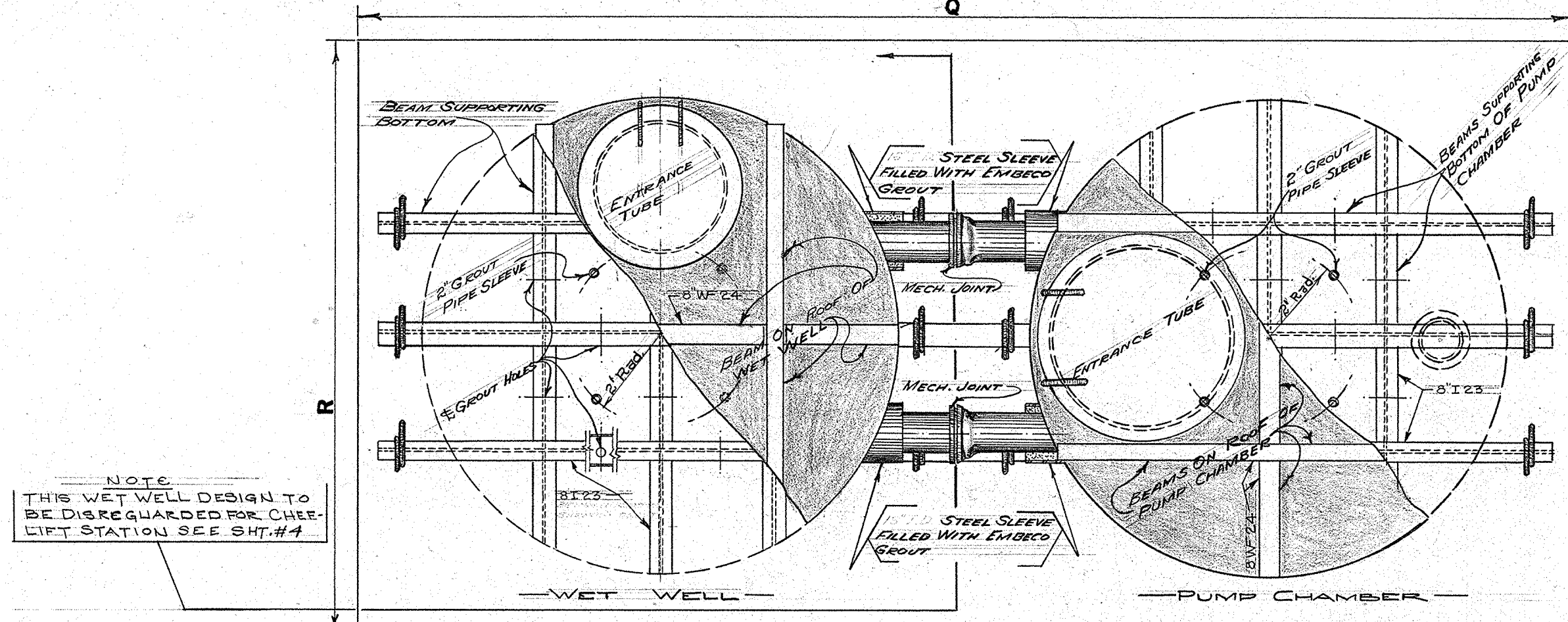
**KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT**

DETAILS - PS Details 1

DR. DK	
TRC. DK	
CK. RI	
AP.	
SCALE:	
DATE: 7/29/2025	SHEET NO. 15 OF 22

**DWG. NO. 8596-S**

**FOR INFORMATION ONLY**



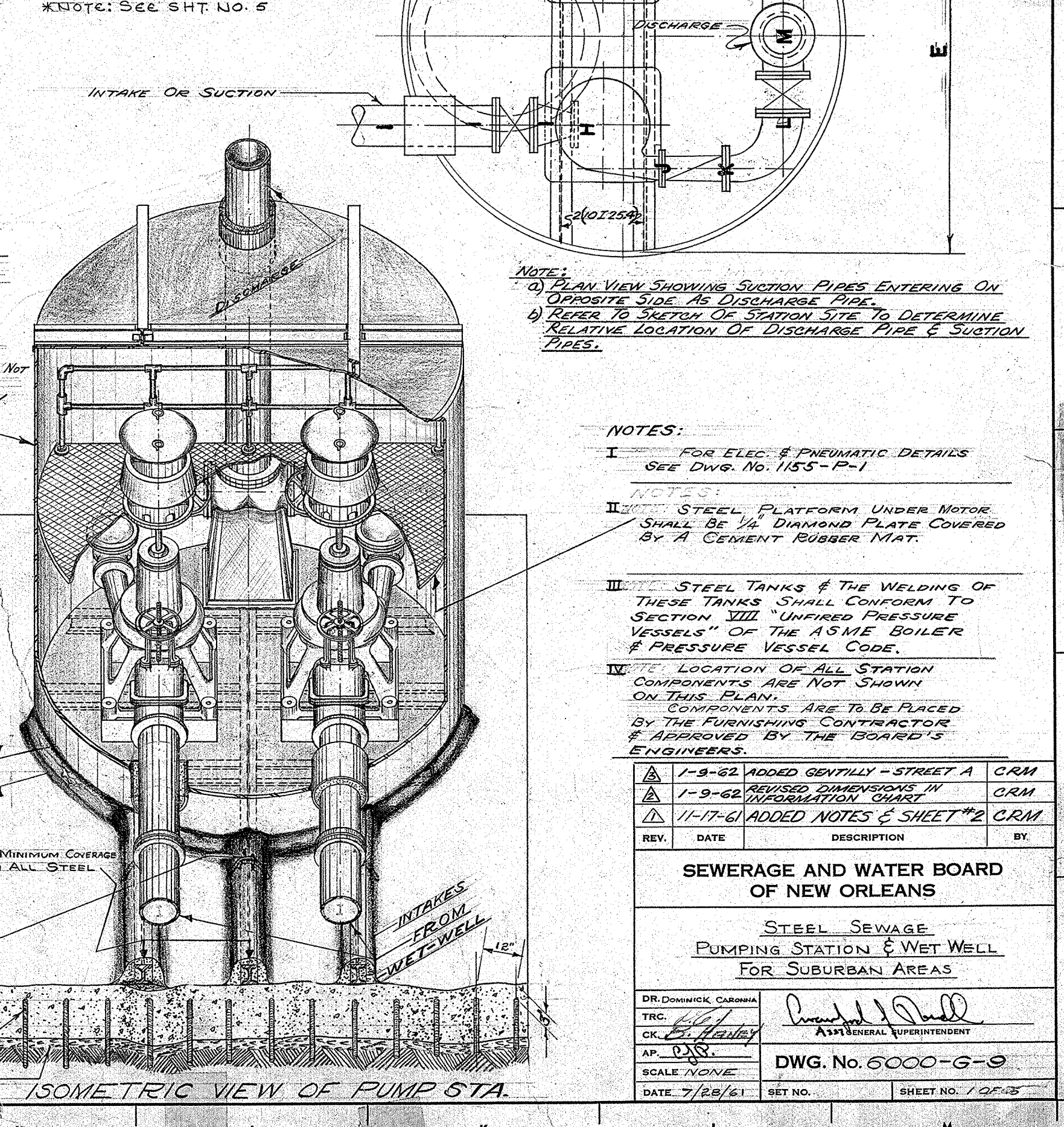
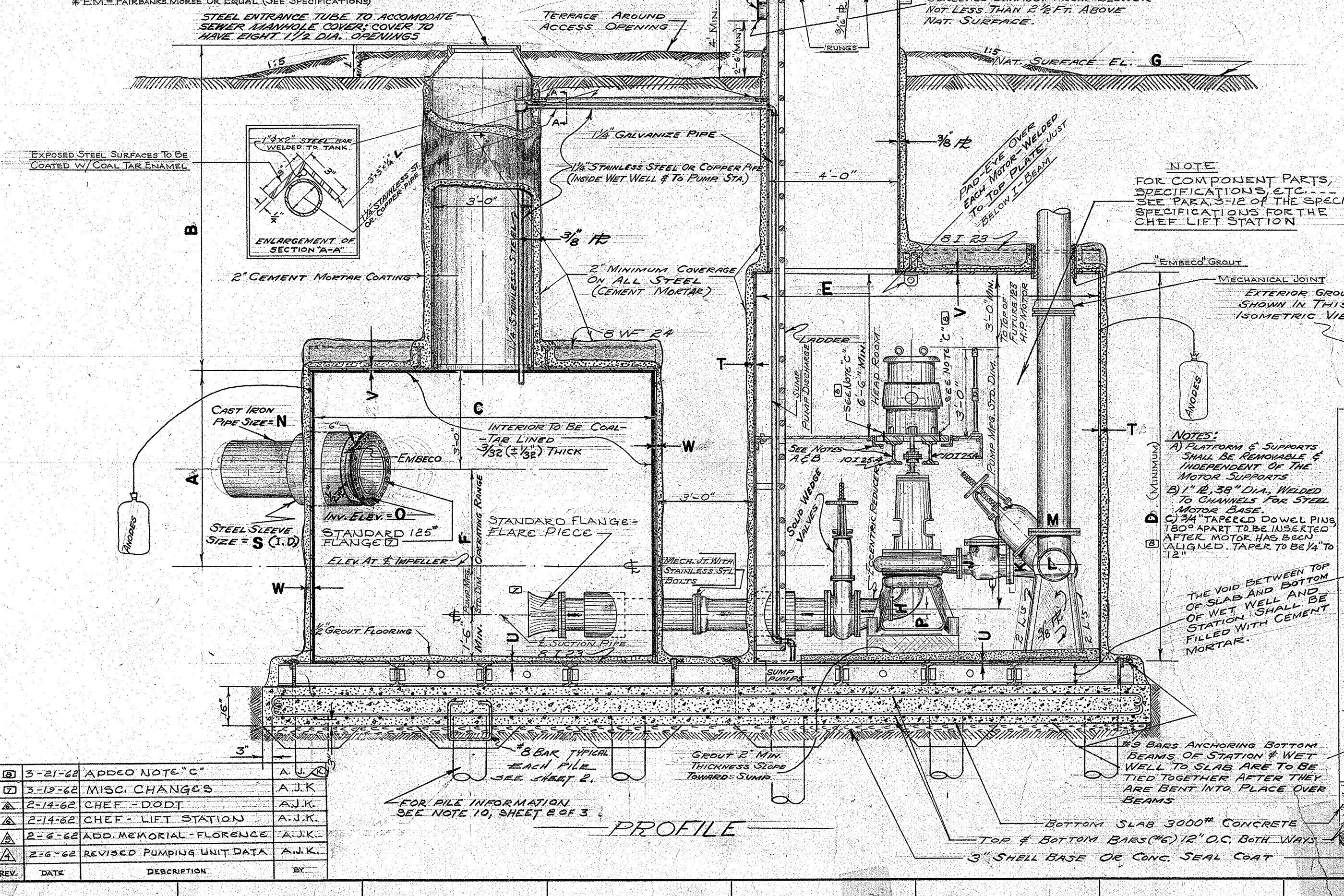
PUMPING UNIT DATA

PROSPER PLAZA	MORRISON LAMAR	MORRISON BURKE	GENTILLY-STREET A	MEMORIAL-FLORENCE	CHEF-DODT	CHEF-LIFT STA.
5" SOLIDS	5" SOLIDS	5" SOLIDS	4" SOLIDS	5" SOLIDS	5" SOLIDS	4" SOLIDS
8" 5415 R.M.	5" 5415 R.M.	5" 5415 R.M.	5" 5415 R.M.	8" 5415 R.M.	8" 5415 R.M.	5" 5415 R.M.
1200 G.P.M.	2300 G.P.M.	2300 G.P.M.	1050 G.P.M.	3000 G.P.M.	1800 G.P.M.	290 G.P.M.
80" H.D.	60" H.D.	67" H.D.	48" H.D.	70" H.D.	60" H.D.	12 1/2" H.D.
16 1/2" IMP.	18" IMP.	18" IMP.	15 1/2" IMP.	16 1/2" IMP.	17 1/2" 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 HP (MIN)	60 HP (MIN)	60 HP (MIN)	30 HP (MIN)	100 HP (MIN)	50 HP (MIN)	5 HP (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	N	O	P	Q	R	S	T	U	V	W	
PROSPER PLAZA	3'-0"	13'-0"	11'-0"	15'-0"	11'-0"	14'-0"	13'-5"	8"	12"	5"	10"	18"	16'-7"	24"	3'-59"	2"	30'-0"	14'-0"	30"	1/2"	1/2"	1/2"	1/2"	1/2"
MORRISON LAMAR	6'-6"	12'-6"	11'-0"	14'-0"	11'-0"	5'-6"	7'-5"	8"	12"	10"	12"	15"	24"	2'-50"	2"	30'-0"	14'-0"	52"	3/8"	3/8"	3/8"	3/8"	3/8"	
MORRISON BURKE	6'-6"	12'-6"	11'-0"	14'-0"	11'-0"	5'-6"	7'-5"	8"	12"	10"	12"	15"	24"	2'-50"	2"	30'-0"	14'-0"	52"	3/8"	3/8"	3/8"	3/8"	3/8"	
GENTILLY-STREET A	5'-4"	12'-8"	10'-0"	12'-8"	10'-0"	2'-0"	23'-5"	8"	10"	6"	8"	10"	12"	20"	9'-08"	7"	26'-0"	14'-0"	28"	1/2"	3/8"	3/8"	1/2"	
MEMORIAL-FLORENCE	5'-4"	12'-8"	10'-0"	12'-8"	10'-0"	2'-0"	23'-5"	8"	10"	6"	8"	10"	12"	20"	9'-08"	7"	26'-0"	14'-0"	28"	1/2"	3/8"	3/8"	1/2"	
CHEF-DODT	5'-0"	11'-0"	8'-6"	15'-0"	11'-0"	2'-0"	23'-5"	8"	10"	8"	10"	12"	18"	19"	8'-96"	1"	24'-0"	14'-0"	24"	3/8"	3/8"	3/8"	1/2"	
CHEF-LIFT STA.	N.A.	N.A.	N.A.	13'-6"	7'-6"	N.A.	21'-0"	8"	10"	5"	8"	8"	8"	N.A.	*	1"	13'-4"	13'-4"	1/2"	3/8"	3/8"	3/8"	1/2"	

NOTE: N.A. = NOT APPLICABLE

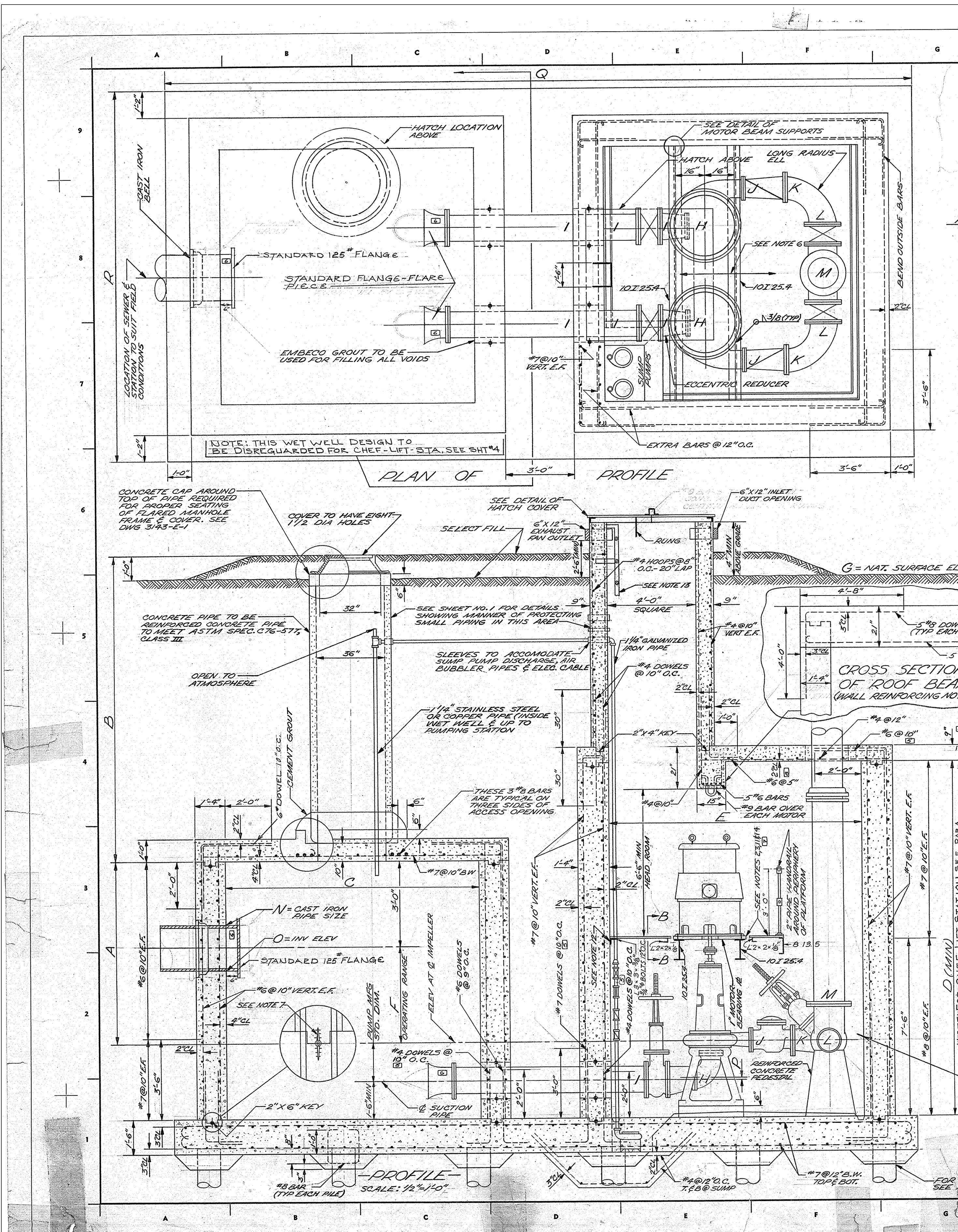


REVISIONS

REV.	DATE	DESCRIPTION	BY
1	3-21-62	ADDED NOTE "C"	A.J.K.
2	3-13-62	MISC. CHANGES	A.J.K.
3	2-14-62	CHEF - DODT	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.

FOR INFORMATION ONLY

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
CONTRACT 30200  
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT  
DETAILS - PS Details 2  
DWG. NO. 8596-S  
DATE: 7/29/2025  
SHEET NO. 16 OF 22

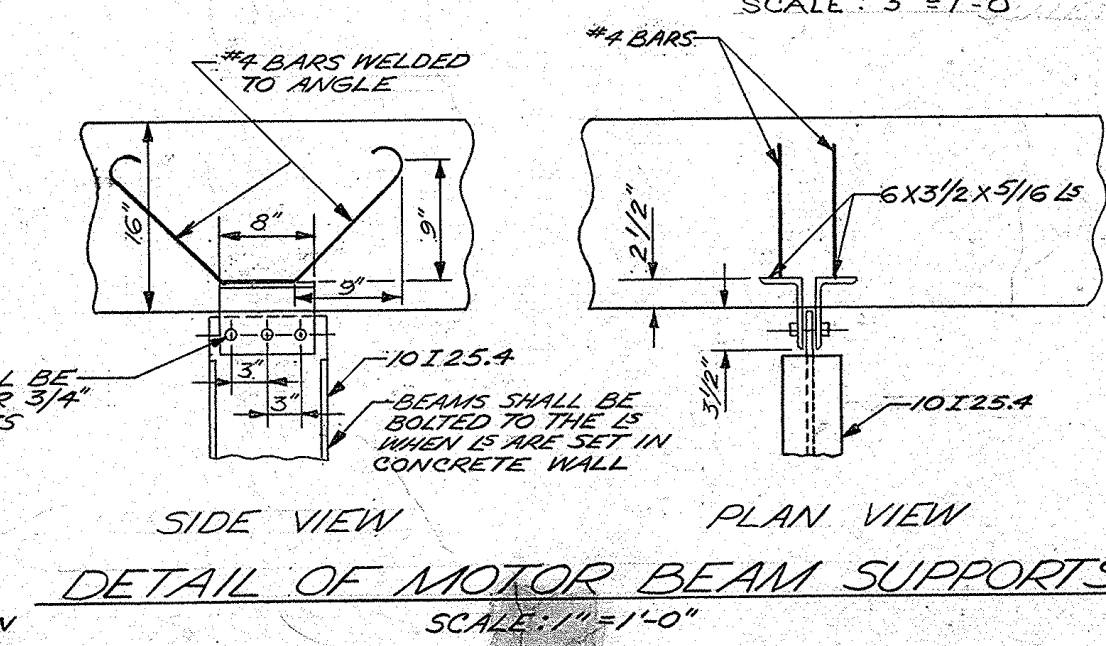
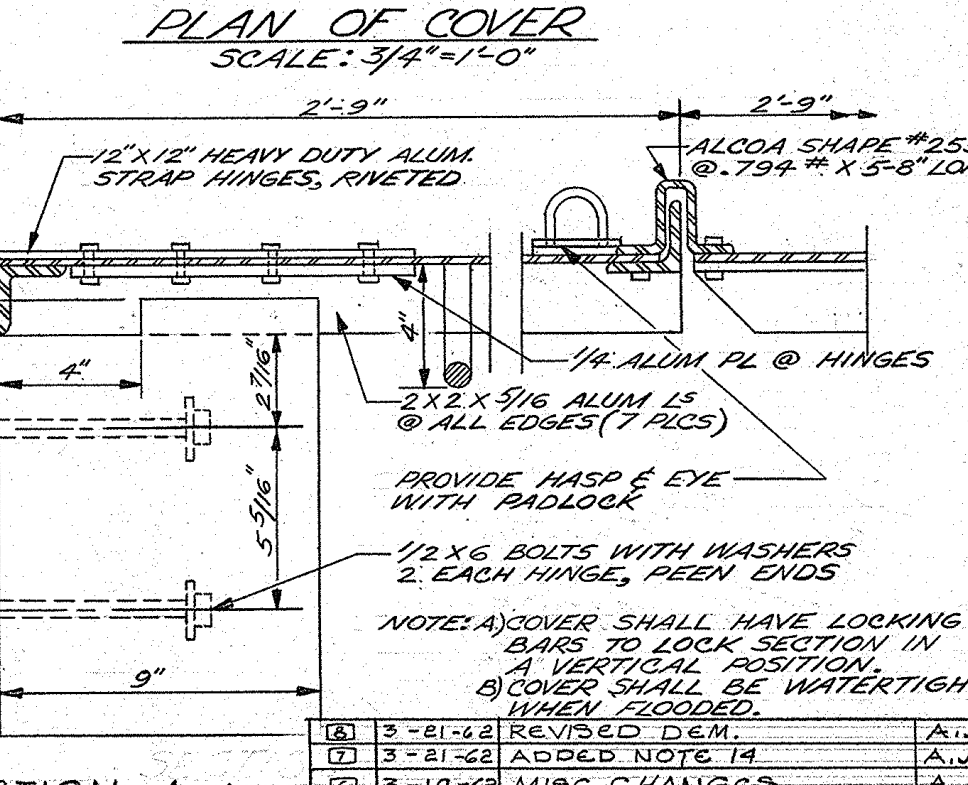
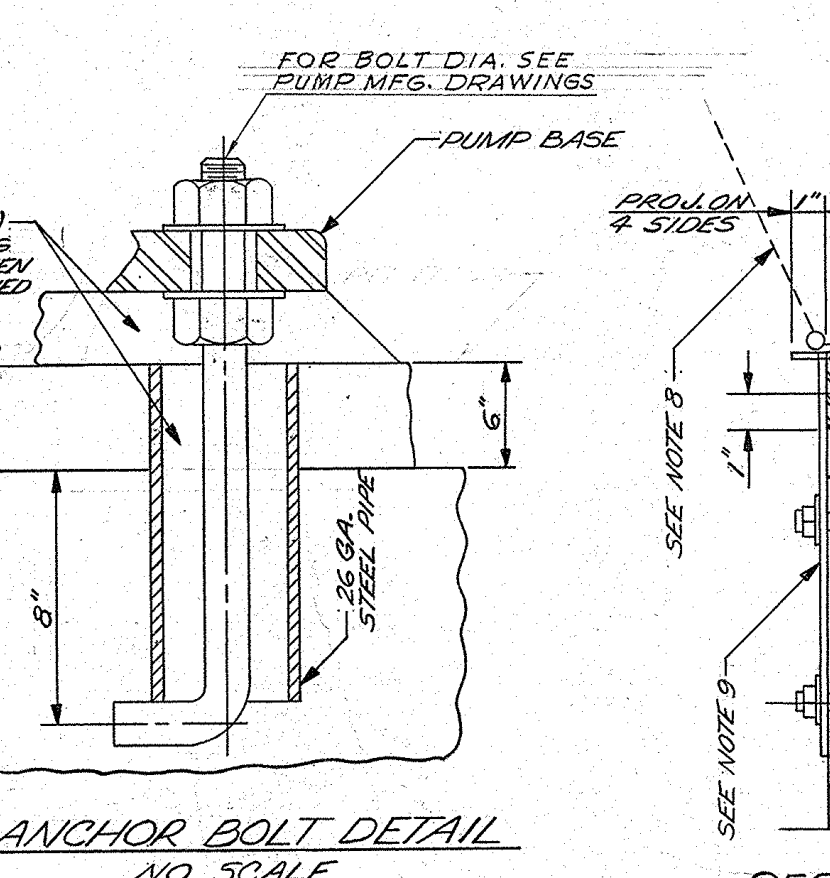
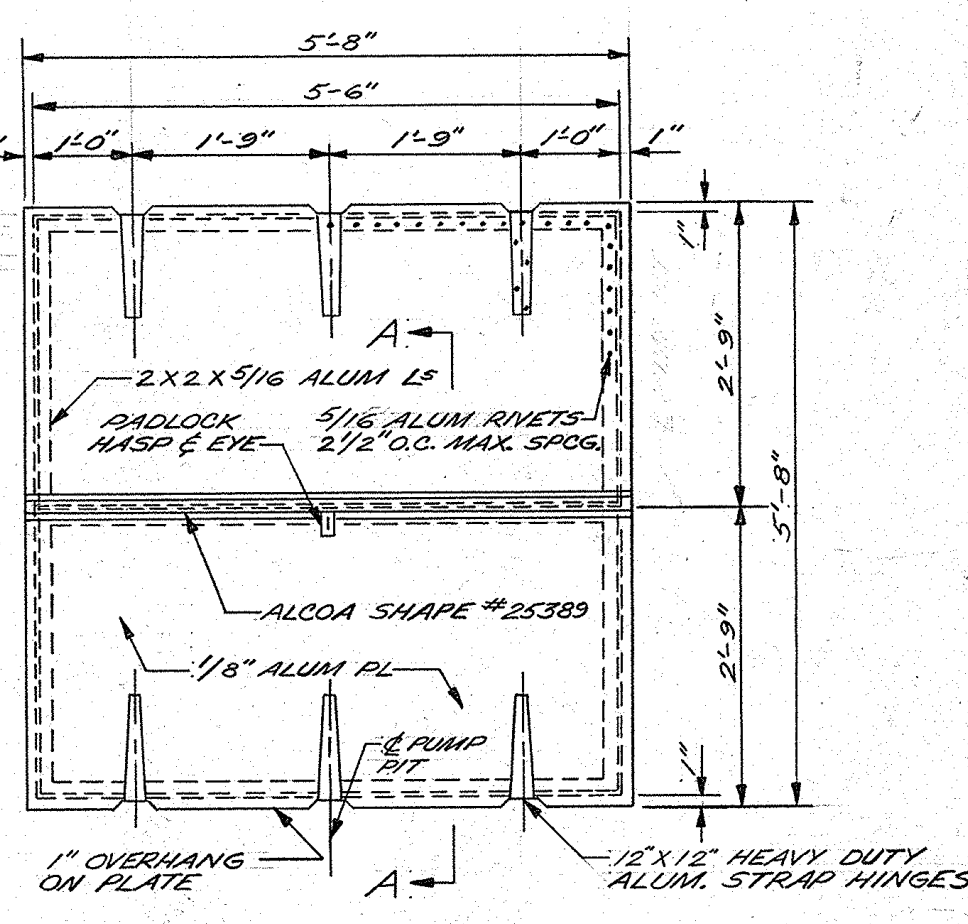
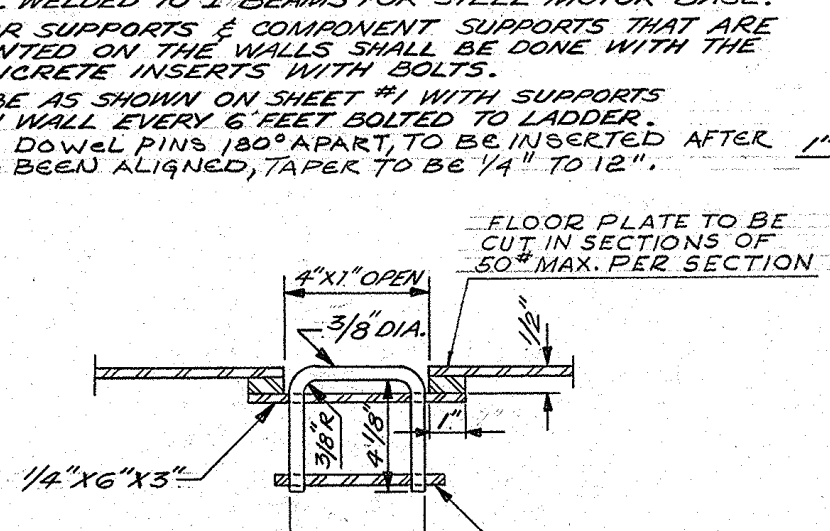


**INFORMATION CHART**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	X
PROSPER PLAZA	7-0	13-0	11-0	15-0	11-0	4-0	19.5	8"	12"	8"	10"	12"	16"	24"	3.59	2"	32#	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"	2.50	2"	32#	16-0	18
MORRISON-BURKE	6-6	17-3	11-0	15-6	11-0	5-6	17.0	8"	12"	8"	10"	12"	16"	30"	3.50	2"	32#	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"	8.08	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"	0.50	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"	29-0	18-0	18	
CHEF-LIFT STA.	N.A.	N.A.	N.A.	13-0	9-6	N.A.	21.0	8"	10"	8"	8"	8"	N.A.	*	1"	14-2	14-2	9	

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

- NOTES:**
- FOR ELEC. & PNEUMATIC DETAILS SEE DWG. #1155-P-1, #1187-P-1 & #1188-P-1 SHEET 1 OF 3.
  - STEEL PLATFORM AT MOTOR BASE LEVEL SHALL BE 1/4" DIAMOND PLATE COVERED BY A CEMENT RUBBER MAT.
  - PLATFORM & SUPPORTS SHALL BE REMOVABLE & INDEPENDENT OF MOTOR SUPPORTS.
  - 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.
  - FOR ALTERNATE PIPING ARRANGEMENT SEE DWG. #6000-6-9, SHEET 1 OF 3.
  - FLOOR SHALL SLOPE TOWARD TROUGHS ON EACH SIDE & TROUGHS SHALL SLOPE TOWARD SUMP.
  - USE 9" XVERTER-OMICRON R.V.C. OR EQUAL WATERSTOPS (TYP).
  - EACH SECTION OF COVER TO HAVE LOCKING BARS TO LIMIT EXTENT OF OPENING THUS:
  - COVER TO BE OF ALL ALUM. CONST. BOLTS MAY BE OF NON-FERROUS METAL OR MAY BE GALVANIZED STEEL.
  - IN INFORMATION CHART DENOTES NUMBER OF RILES REQUIRED UNDER FOUNDATION SLAB SPACED AS DIRECTED BY ENGINEER, RILES TO BE 30" UNTREATED WOOD RILES.
  - 1/4" 38" DIA. WELDED TO 3" DIA. 304 STEEL MOTOR BASE.
  - FOR WOOD SUPPORTS & COMPONENT SUPPORTS THAT ARE TO BE MOUNTED ON THE WALLS SHALL BE DONE WITH THE USE OF CONCRETE INSERTS WITH BOLTS.
  - LADDER TO BE AS SHOWN ON SHEET #1, WITH SUPPORTS INSERTED IN WALL EVERY 6 FEET BOLTED TO LADDER.
  - 1/4" TAPERED DOWEL PINS 18" APART TO BE INSERTED AFTER MOTOR HAS BEEN ALIGNED, TAPER TO BE 1/4" TO 12".



REV.	DATE	DESCRIPTION	BY
0	5-81-62	REVISED DETAIL	A.J.K.
1	3-81-62	ADDED NOTE 14	A.J.K.
2	3-19-62	MISC. CHANGES	A.J.K.
3	2-21-62	CHANGED DOWEL DIST.	A.J.K.
4	2-15-62	CHEF-LIFT STATION	A.J.K.
5	2-15-62	CHEF-DODT	A.J.K.
6	2-6-62	MEMORIAL-FLORENCE	A.J.K.
7	1-9-62	ADDED GENTILLY-STREET A	CRM
8	1-9-62	REVISED DIMENSIONS IN INFORMATION CHART	CRM

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONCRETE SEWAGE PUMPING STATION & WET WELL FOR SUBURBAN AREAS**

DR. CRM  
TRC. DK  
AP. RI  
SCALE: AS SHOWN  
DATE: 12-18-61

DWG. No. 6000-6-9  
SHEET NO. 2 OF 6

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONTRACT 30200**

**KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT**

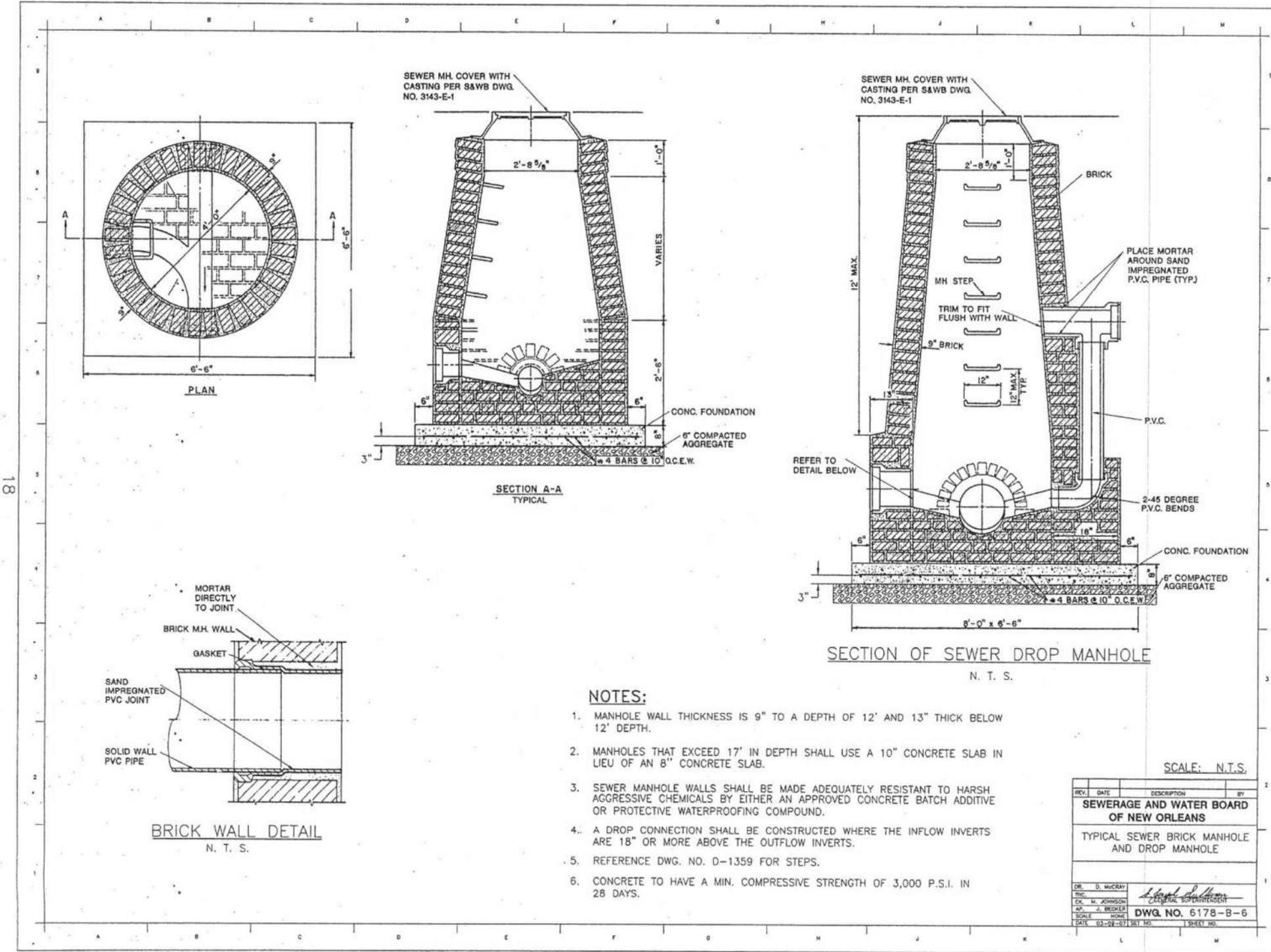
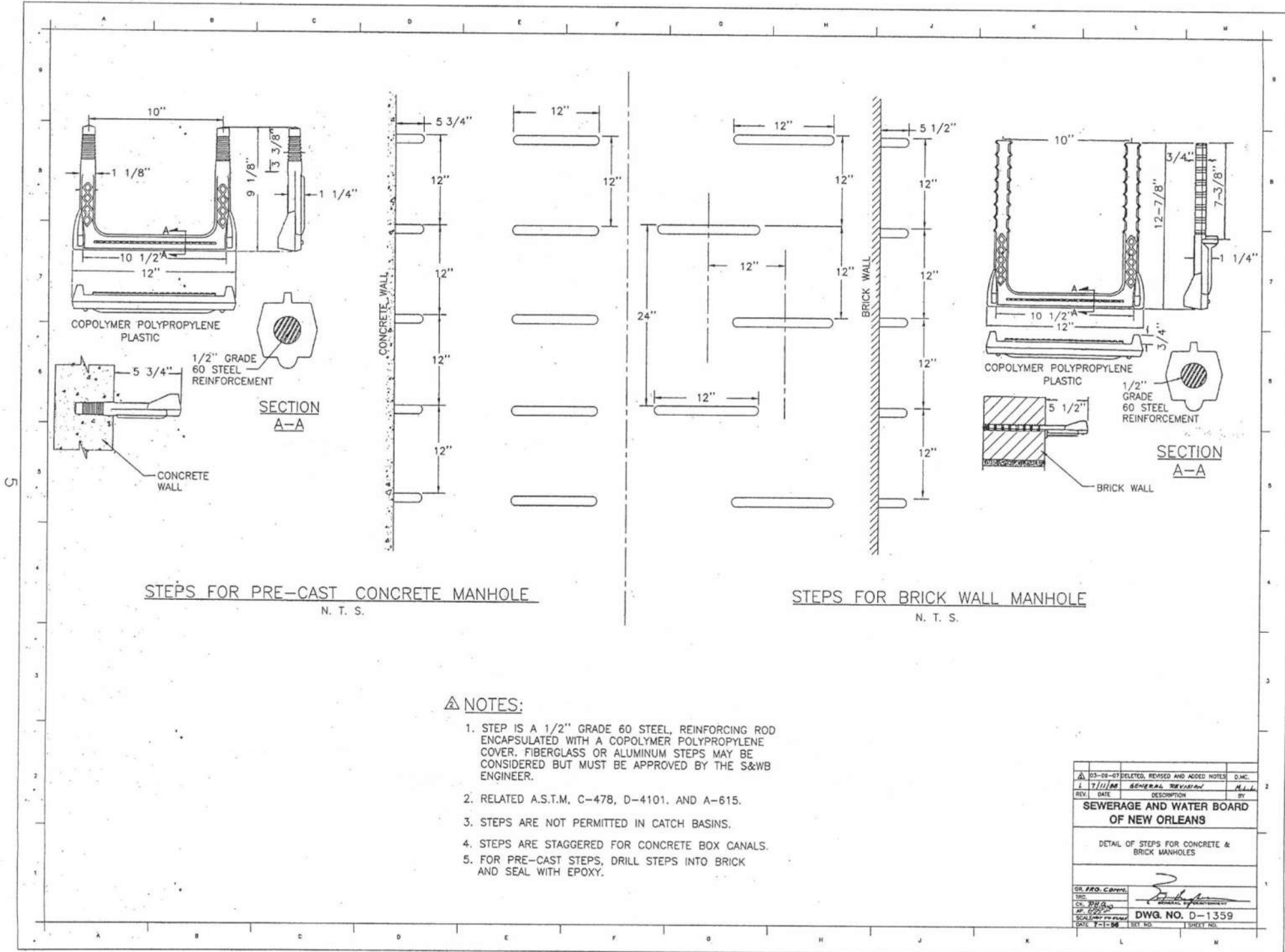
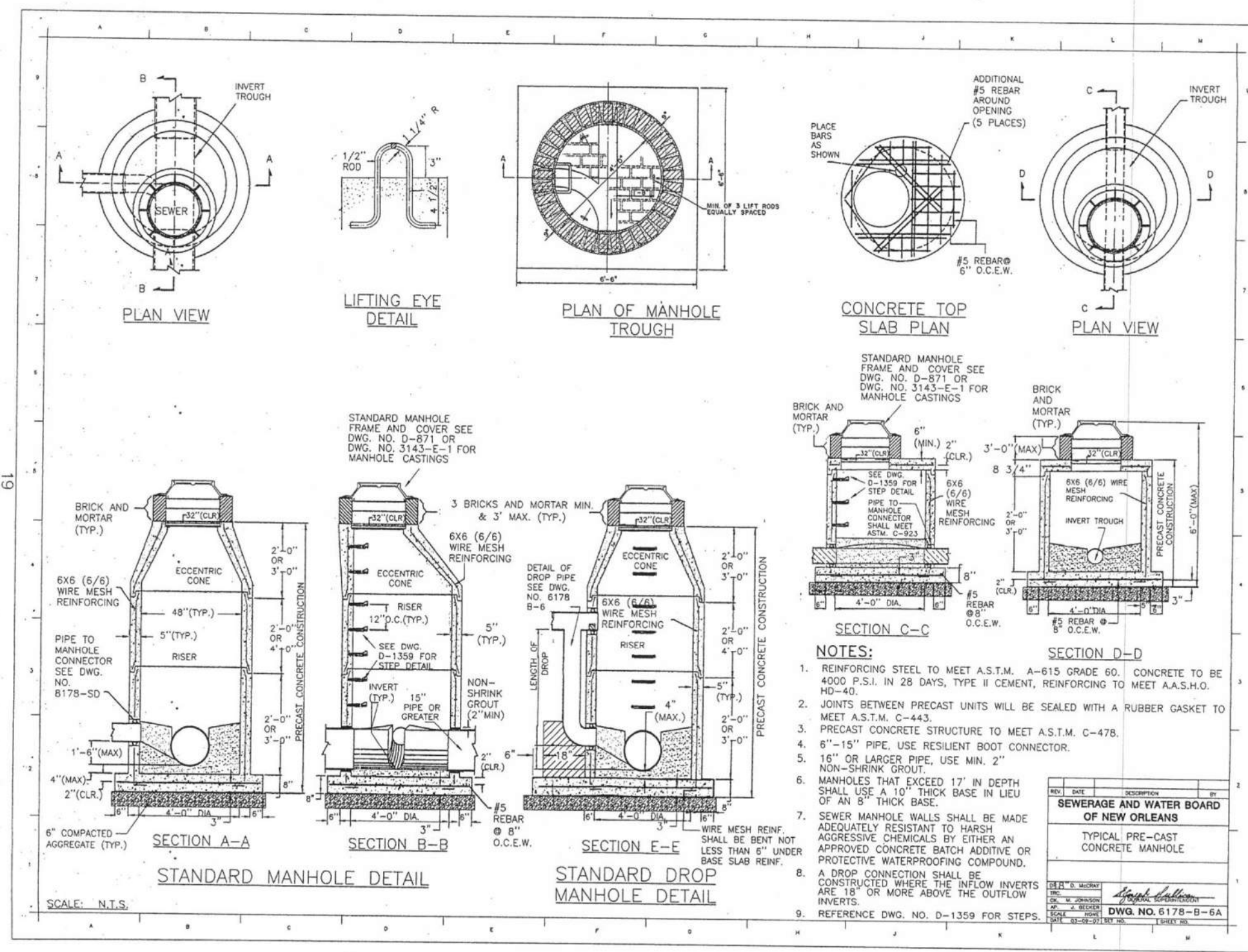
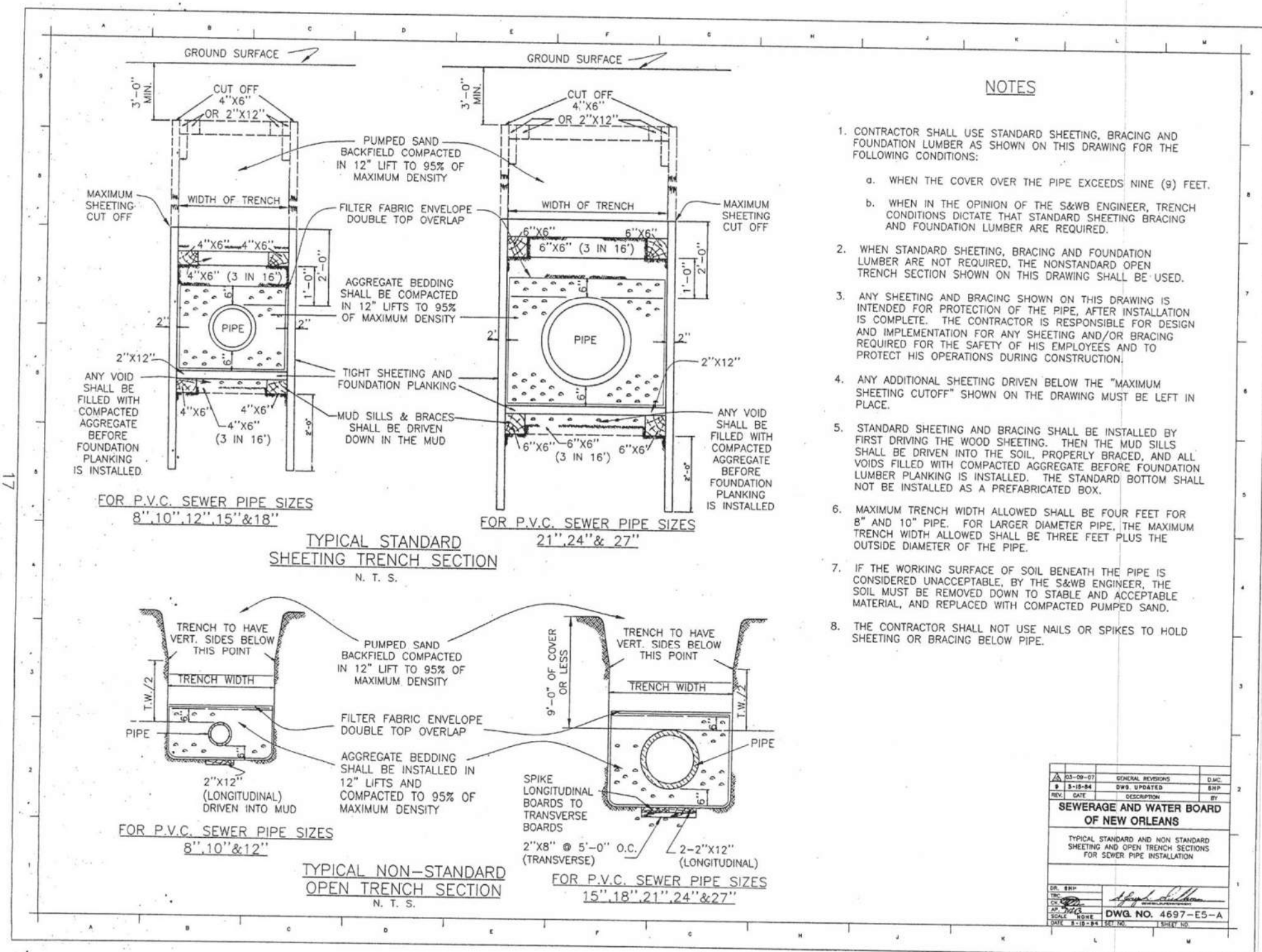
DETAILS - PS Details 3

DR. DK	
TRC. DK	
CK. RI	
AP.	
SCALE:	
DATE: 7/29/2025	

**DWG. NO. 8596-S**

SHEET NO. 17 OF 22

FOR INFORMATION ONLY

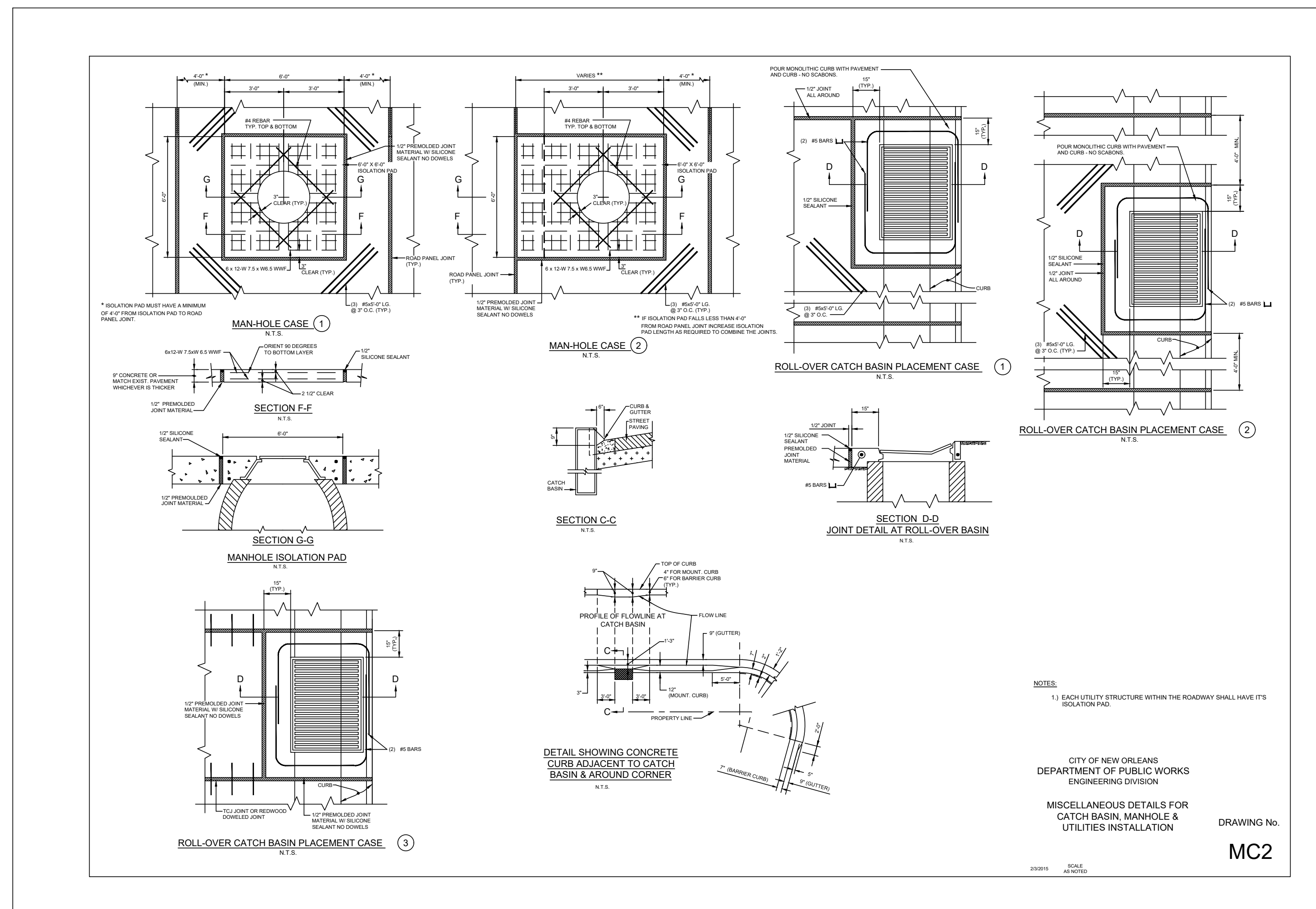


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
<b>CONTRACT 30200</b>			
KANSAS STREET SEWER FORCE MAIN REPLACEMENT PROJECT			
DETAILS - Details 1			
DR: DK			
TRC: DK			
CK: RI			
AP:			
SCALE:			
DATE: 7/29/2025	SET NO.	SHEET NO. 18 OF 22	









**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



Type	Size ANSI	Range Of Pressure PSI/Bar	Overall Height A Inch/mm	Overall Width B Inch/mm	Weight lbs./Kg
Thread	2" FNPT	0 – 150 PSI 0 – 10 Bar	18.9" 480 mm	10.4" 265 mm	21.6 lbs. 9.8 kg

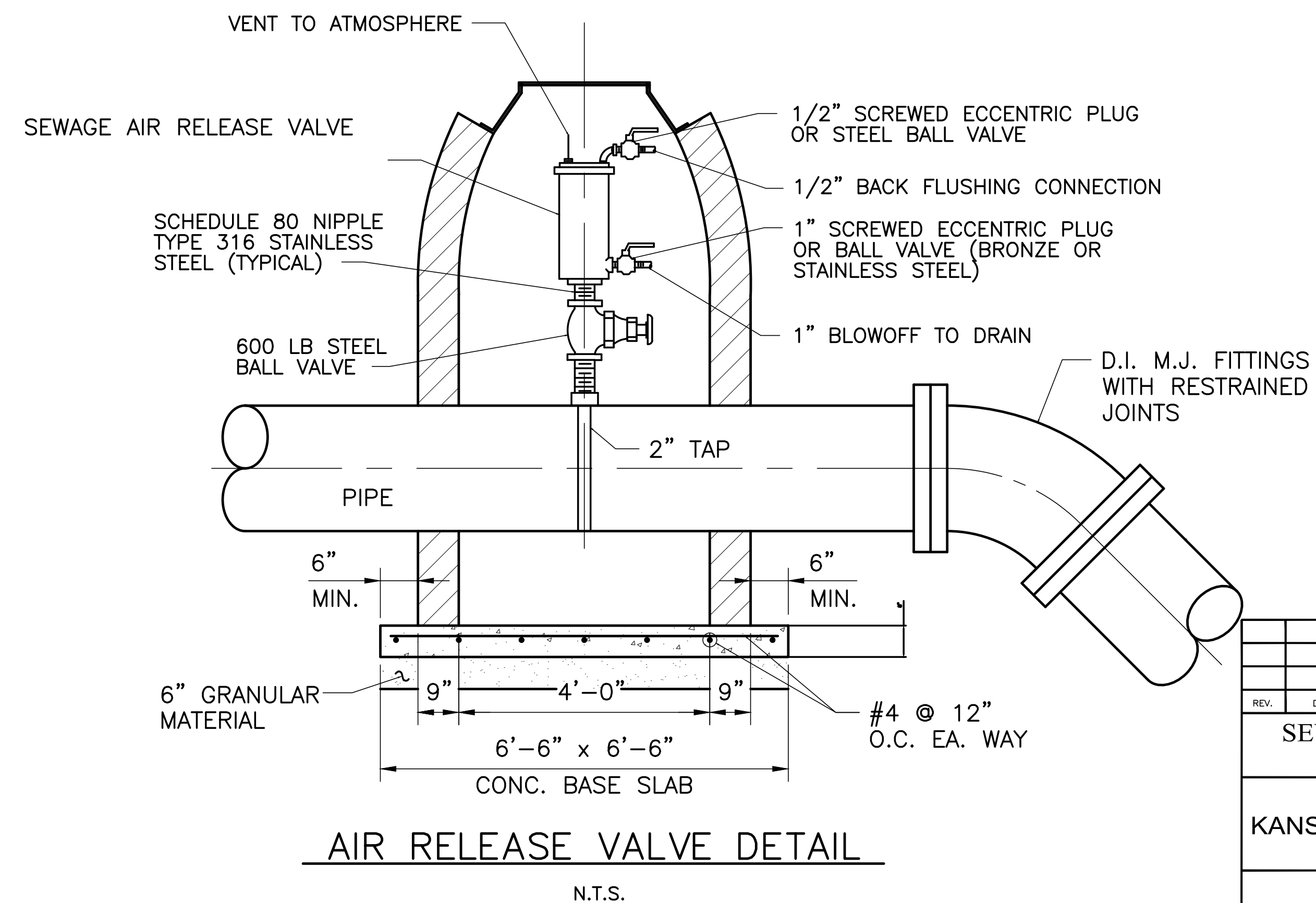
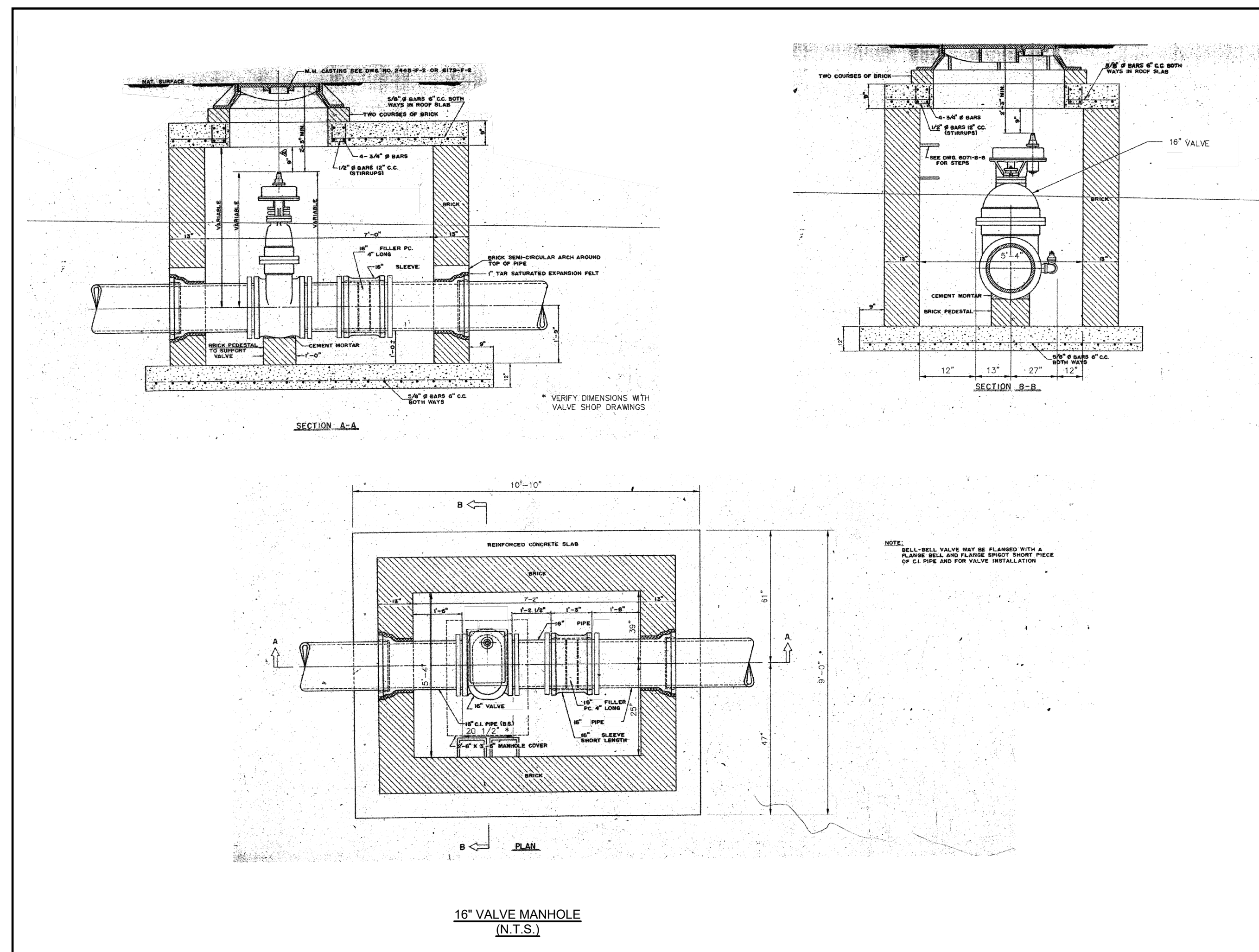
**Features:**

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.

1051 Triad Court, West Oak Business Park II, Suite 5 - Marietta, GA 30062 - Phone: +1 770-818-0670 - www.h-tec.us  
Edition March 2019 - Subject to alteration without notice



REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD  
OF NEW ORLEANS**

**CONTRACT 30200**

**KANSAS STREET SEWER FORCE MAIN  
REPLACEMENT PROJECT**

DETAILS - Details 5

DR. DK	<b>DWG. NO. 8596-S</b>
TRC. DK	
CK. RI	
AP.	
SCALE:	

DATE: 7/29/2025 SET NO. SHEET NO. 22 OF 22