



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board OF NEW ORLEANS

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52-WATER
www.swbno.org

Addendum No. 1

Date: 6/9/2025

Your reference is directed to **Contract Number:** 2025-SWB-51 (Contract 30266) for New 16" Sewer Force Main on Lafitte St. (N. Dorgenois St.-N. Galvez St.) & New 48" Sewer Force Main on N. Galvez St. (Conti St.-Lafitte St.) which is scheduled to open at **11:30 a.m. CST** on **July 11, 2025** for SWBNO Networks Engineering Department.

This addendum provides for the following:

- 1) 2025-SWB-51 Contract 30266 Drawings

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1. 2025-SWB-51 Contract 30266 Drawings (Pages 2-31)

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.

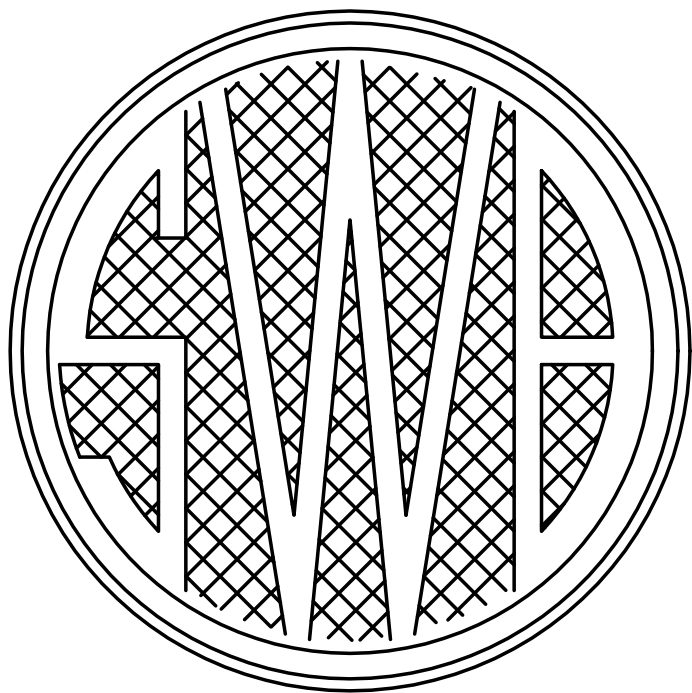
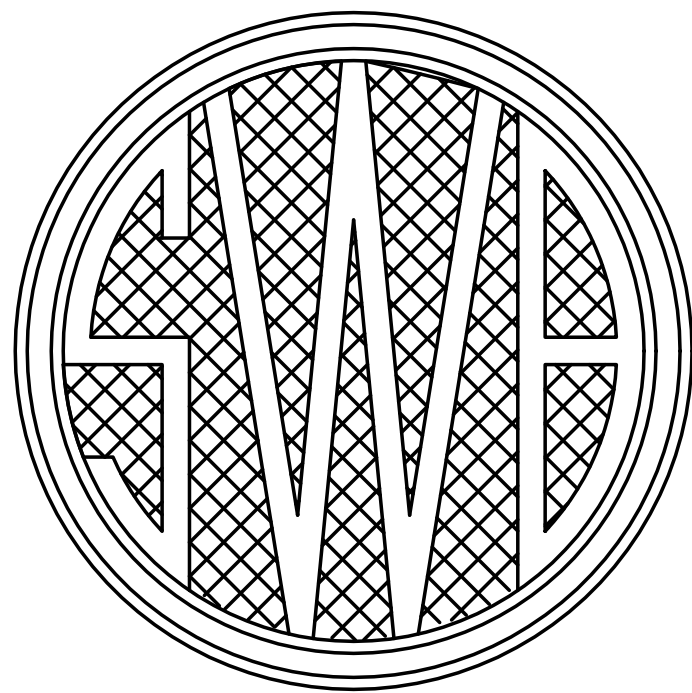
Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided on the Louisiana Uniform Public Works Bid Form.

This addendum consists of thirty-one (31) page.

*** END OF ADDENDUM ***

SEWERAGE AND WATER BOARD

OF NEW ORLEANS



ENGINEERING DEPARTMENT

CONTRACT 30266

NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST.- N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST.- LAFITTE ST.)



SITE OR LOCATION PLAN

SHEET No.	TITLE	SHEET No.	TITLE
1	TITLE SHEET		
2	GENERAL NOTES		
3	SUMMARY OF QUANTITIES		
4	3 POINT TIES AND STREET INDEX SHEET		
5-6	GALVEZ PLAN AND PROFILE SHEETS		
7-10	LAFITTE PLAN AND PROFILE SHEETS		
11-13	PAVEMENT SHEETS		
14-16	STRIPING SHEETS		
17	CULVERT CROSSING DETAIL		
18	CULVERT REMOVAL DETAIL		
19-30	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 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST.- N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST.- LAFITTE ST.)			
TITLE SHEET			
DR. DK			
TRC. DK			
CK. RI			
AP. XX			
SCALE: NA			
DATE: 3/20/2025	SET NO.	SHEET NO. 1 OF 30	

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-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 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 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 ENGINEER WILL HAVE TO INSPECT THE DAMAGE 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--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:

1. 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).
2. A PLAN FOR THE PROPOSED ROUTE ON WHICH CONSTRUCTION MATERIALS AND EQUIPMENT ARE TO BE TRANSPORTED TO OR FROM THE CONSTRUCTION SITE.
3. 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.
4. THE NAME AND TELEPHONE NUMBER OF THE RESPONSIBLE PERSON IN CHARGE OF THE PROJECT.
5. 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.
6. 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 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 BREUX	(504) 865-0435
	ELECTRICAL ENGINEERS:	MR. CELSO ANTUNEZ	(504) 583-0263
b) DEPARTMENT OF PUBLIC WORKS:	MAINTENANCE:	MR. ERIC KELLY	(504) 658-8062
	TRAFFIC:		(504) 658-8040
	ENGINEERING:	MR. NGUYEN PHAN	(504) 658-8030
	STREET LIGHTING:	MR. JOSEPH "ANDY" LOY	(504) 658-8049
c) ENTERGY:	ELECTRICAL:	MR. WILLIAM ARMSTRONG	(504) 595-3855
	GAS:	MR. STEPHEN MIRAMBELL	(504) 593-3473
	AFTER HOURS		1-800-368-3749
d) AT&T:		MR. KSHITIZ POKHREL	(504) 355-7461
e) COX CABLE:		MR. DENNIS LACOMBE	(504) 358-6079
f) DEPARTMENT OF PARKS & PARKWAYS:	CHIEF URBAN FORESTER:	MR. MICHAEL DENNIS	(504) 658-3224
g) LOUISIANA ONE CALL:			1-800-272-3020
h) HISTORIC PRESERVATION SPECIALIST		MR. PHILIP GILMORE	(504) 658-8698
j) 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 LEVEE		BUILDING
	FENCE LINE		CULVERT
	TREE		BASE LINE
			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
	UNDERGROUND ELECTRIC LINE (SPECIFY S&WB OR OTHER)		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 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
GENERAL NOTES			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025		SET NO.	SHEET NO. 2 OF 30

THREE POINT TIES
LAFITTE x N DORGENOIS

THREE POINT TIES
MAGIC x N GALVEZ

THREE POINT TIES
LAFITTE x N GALVEZ

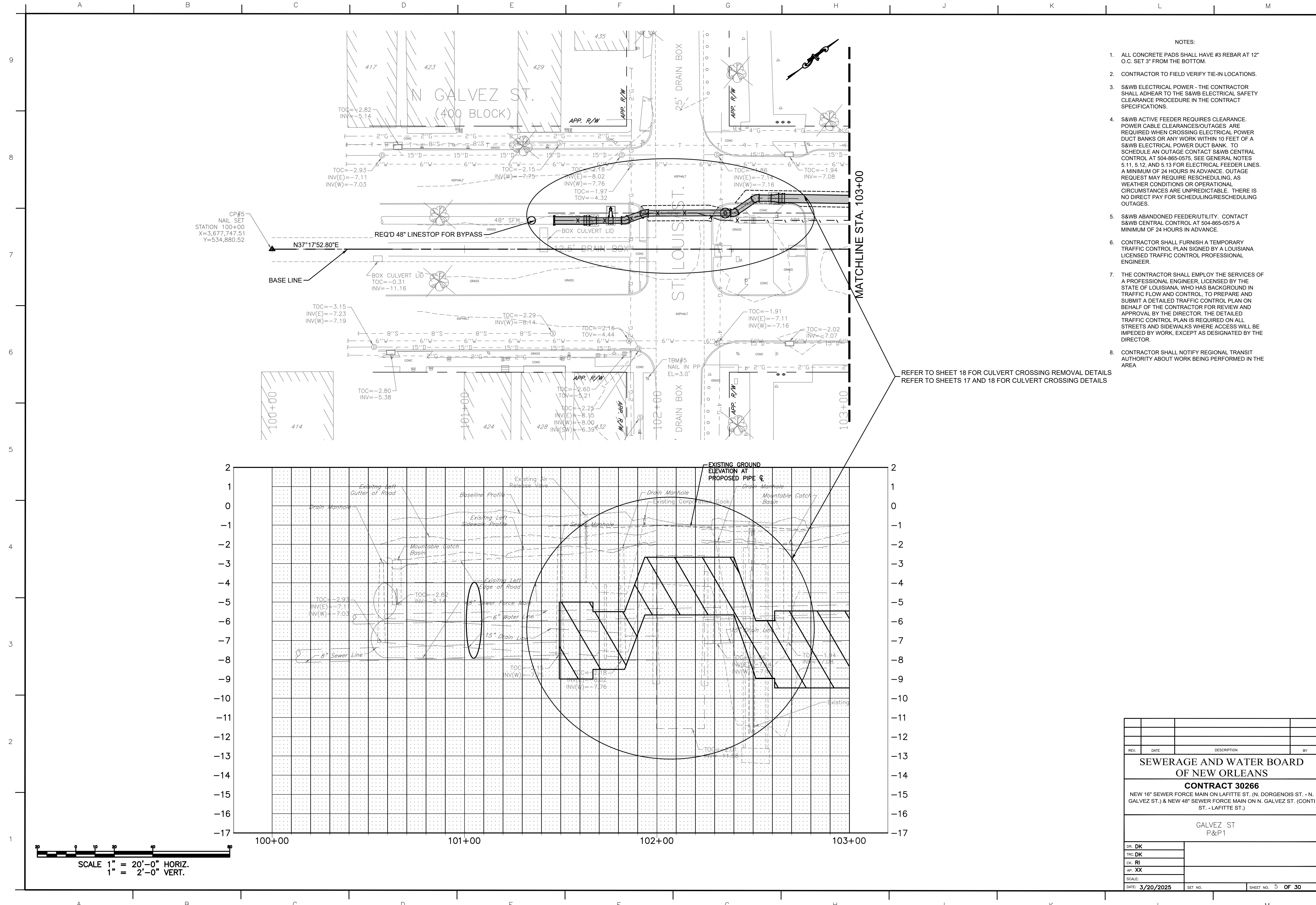
THREE POINT TIES
CONTI x N GALVEZ

TEMPORARY BENCHMARK (TBM)
TBM "1" IS ±18.0 FEET NORTH OF THE CENTERLINE
OF LAFITTE STREET AND ±246.0 FEET EAST OF THE
CENTERLINE OF N. DORGENOIS ST.
ELEVATION: 3.00' N.A.V.D. 88 GEOID 12B

TBM "3" IS ±53.0 FEET NORTHWEST OF THE
CENTERLINE OF GALVEZ STREET AND ±21.0 FEET
NORTHEAST OF THE CENTERLINE OF LAFITTE ST.
ELEVATION: 3.00' N.A.V.D. 88 GEOID 12B

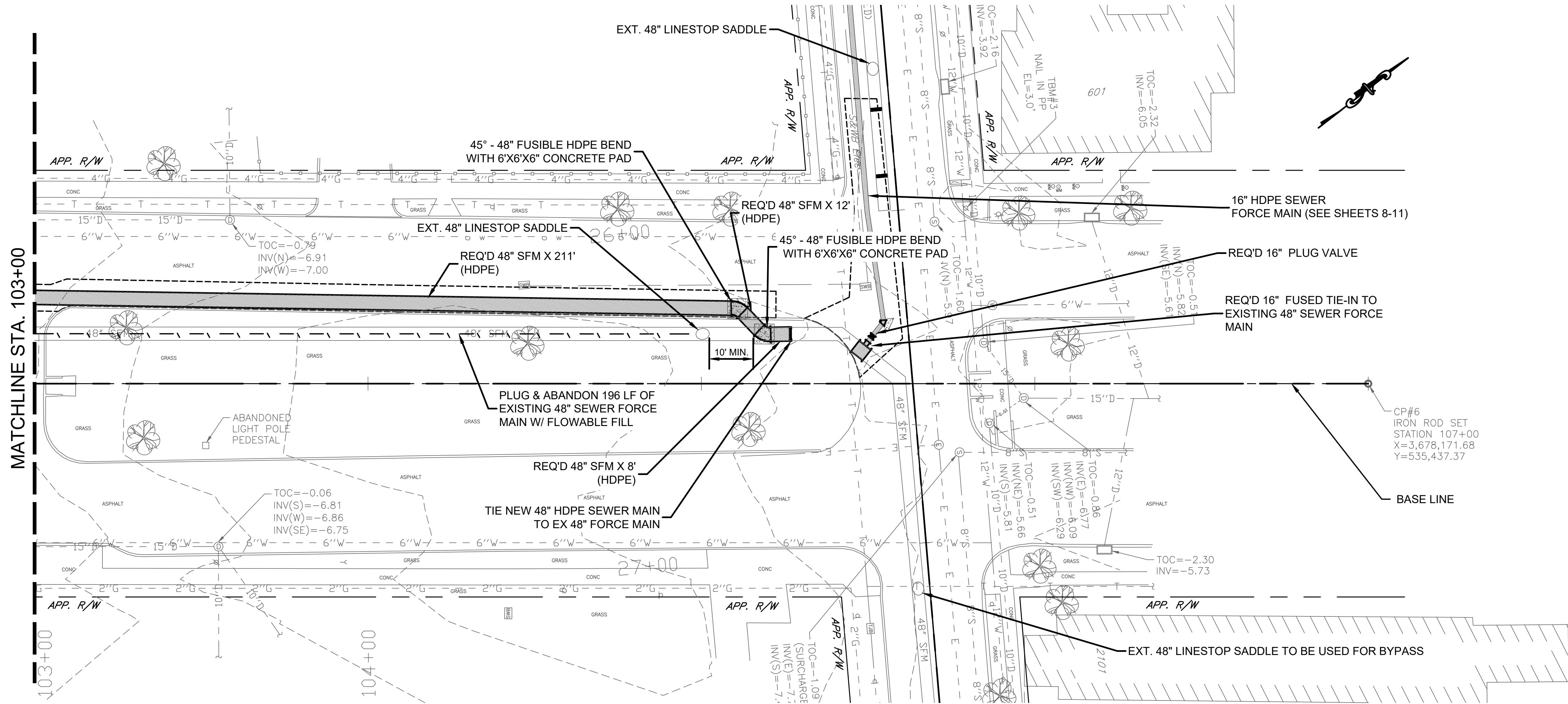
SCALE 1" = 100'-0" HORIZ.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
3-POINT TIES & STREET INDEX SHEET			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 4	OF 30

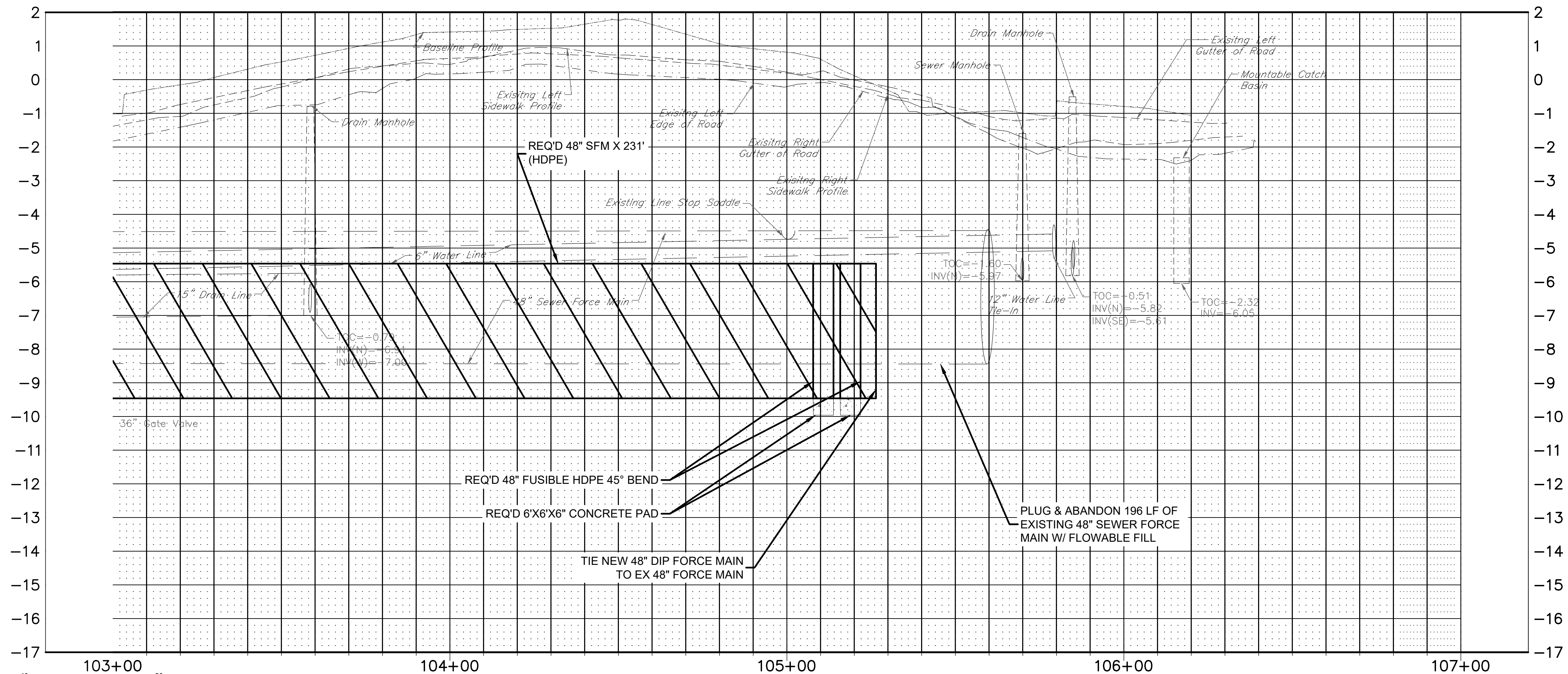


- NOTES:
1. ALL CONCRETE PADS SHALL HAVE #3 REBAR AT 12" O.C. SET 3" FROM THE BOTTOM.
 2. CONTRACTOR TO FIELD VERIFY TIE-IN LOCATIONS.
 3. S&WB ELECTRICAL POWER - THE CONTRACTOR SHALL ADHERE TO THE S&WB ELECTRICAL SAFETY CLEARANCE PROCEDURE IN THE CONTRACT SPECIFICATIONS.
 4. S&WB ACTIVE FEEDER REQUIRES CLEARANCE. POWER CABLE CLEARANCES/OUTAGES ARE REQUIRED WHEN CROSSING ELECTRICAL POWER DUCT BANKS OR ANY WORK WITHIN 10 FEET OF A S&WB ELECTRICAL POWER DUCT BANK. TO SCHEDULE AN OUTAGE CONTACT S&WB CENTRAL CONTROL AT 504-865-0575, SEE GENERAL NOTES 5.11, 5.12, AND 5.13 FOR ELECTRICAL FEEDER LINES. A MINIMUM OF 24 HOURS IN ADVANCE. OUTAGE REQUEST MAY REQUIRE RESCHEDULING, AS WEATHER CONDITIONS OR OPERATIONAL CIRCUMSTANCES ARE UNPREDICTABLE. THERE IS NO DIRECT PAY FOR SCHEDULING/RESCHEDULING OUTAGES.
 5. S&WB ABANDONED FEEDER/UTILITY. CONTACT S&WB CENTRAL CONTROL AT 504-865-0575 A MINIMUM OF 24 HOURS IN ADVANCE.
 6. CONTRACTOR SHALL FURNISH A TEMPORARY TRAFFIC CONTROL PLAN SIGNED BY A LOUISIANA LICENSED TRAFFIC CONTROL PROFESSIONAL ENGINEER.
 7. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED BY THE STATE OF LOUISIANA, WHO HAS BACKGROUND IN TRAFFIC FLOW AND CONTROL. TO PREPARE AND SUBMIT A DETAILED TRAFFIC CONTROL PLAN ON BEHALF OF THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE DIRECTOR. THE DETAILED TRAFFIC CONTROL PLAN IS REQUIRED ON ALL STREETS AND SIDEWALKS WHERE ACCESS WILL BE IMPEDED BY WORK, EXCEPT AS DESIGNATED BY THE DIRECTOR.
 8. CONTRACTOR SHALL NOTIFY REGIONAL TRANSIT AUTHORITY ABOUT WORK BEING PERFORMED IN THE AREA

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
GALVEZ ST P&P1			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 5 OF 30	

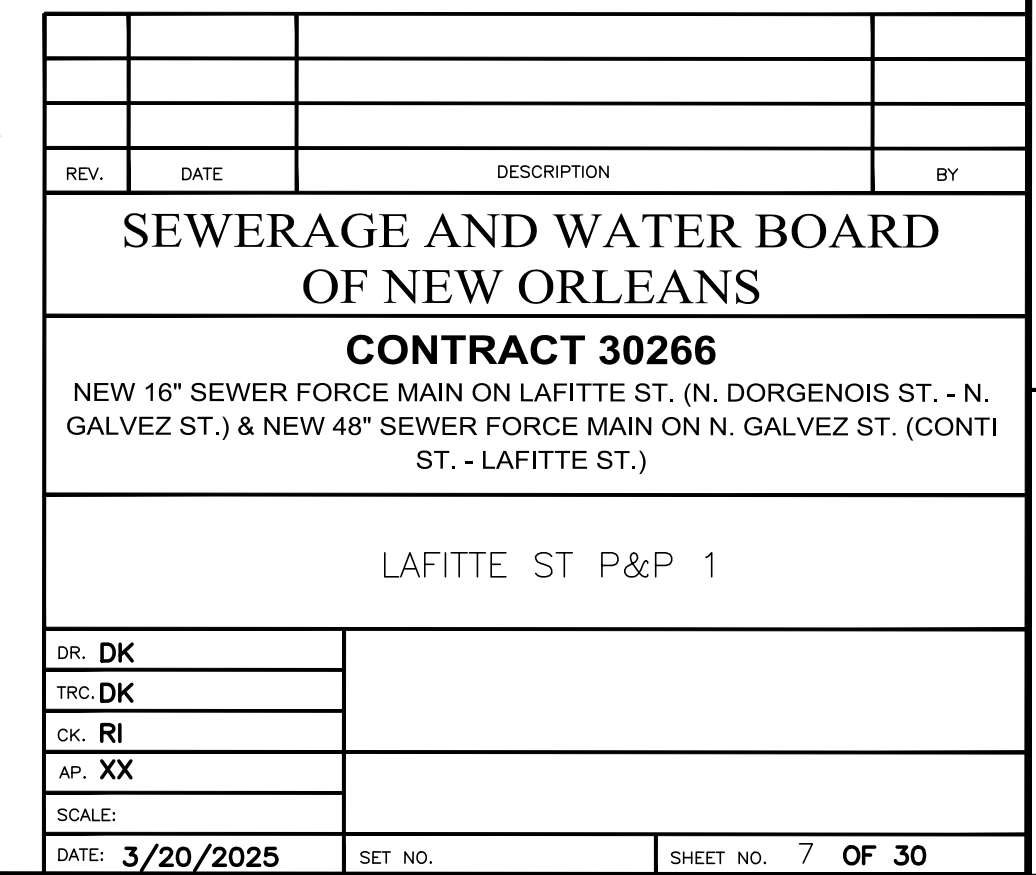
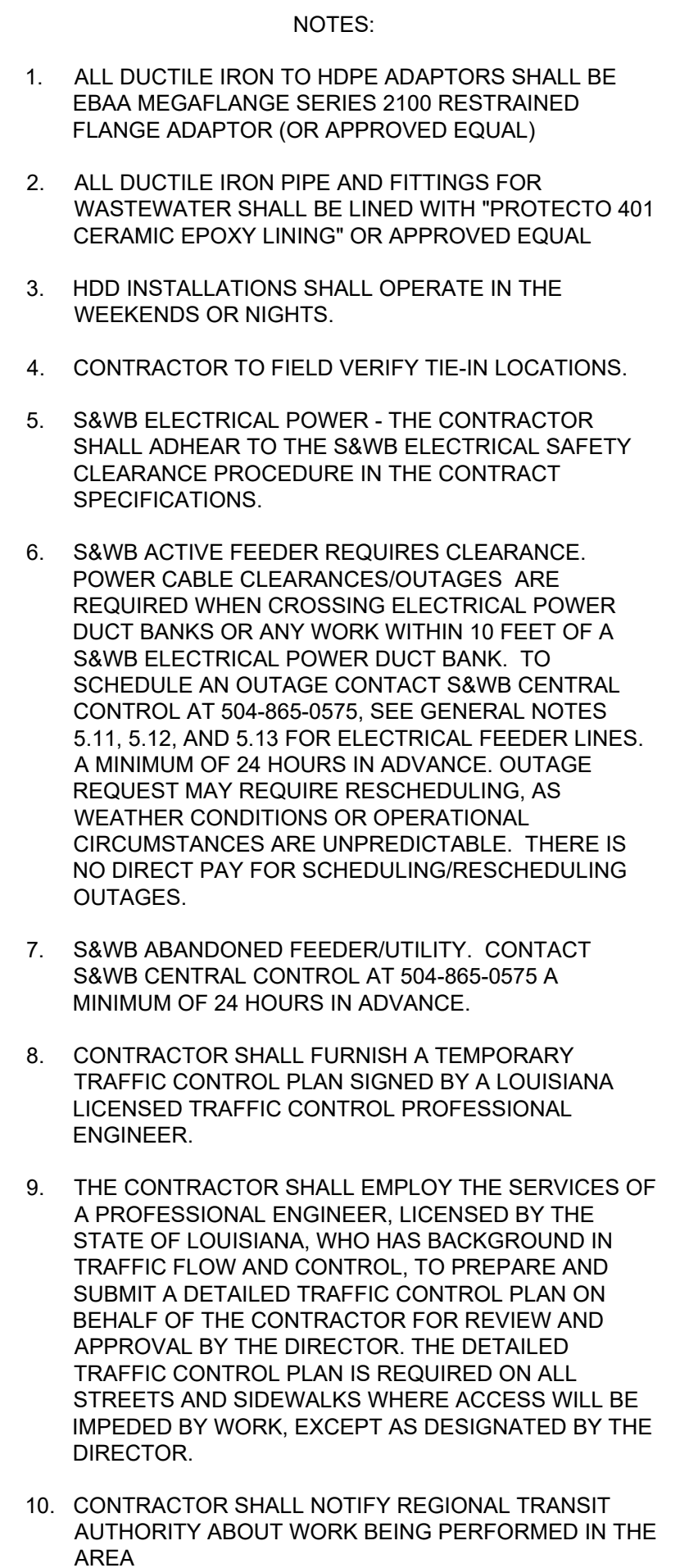


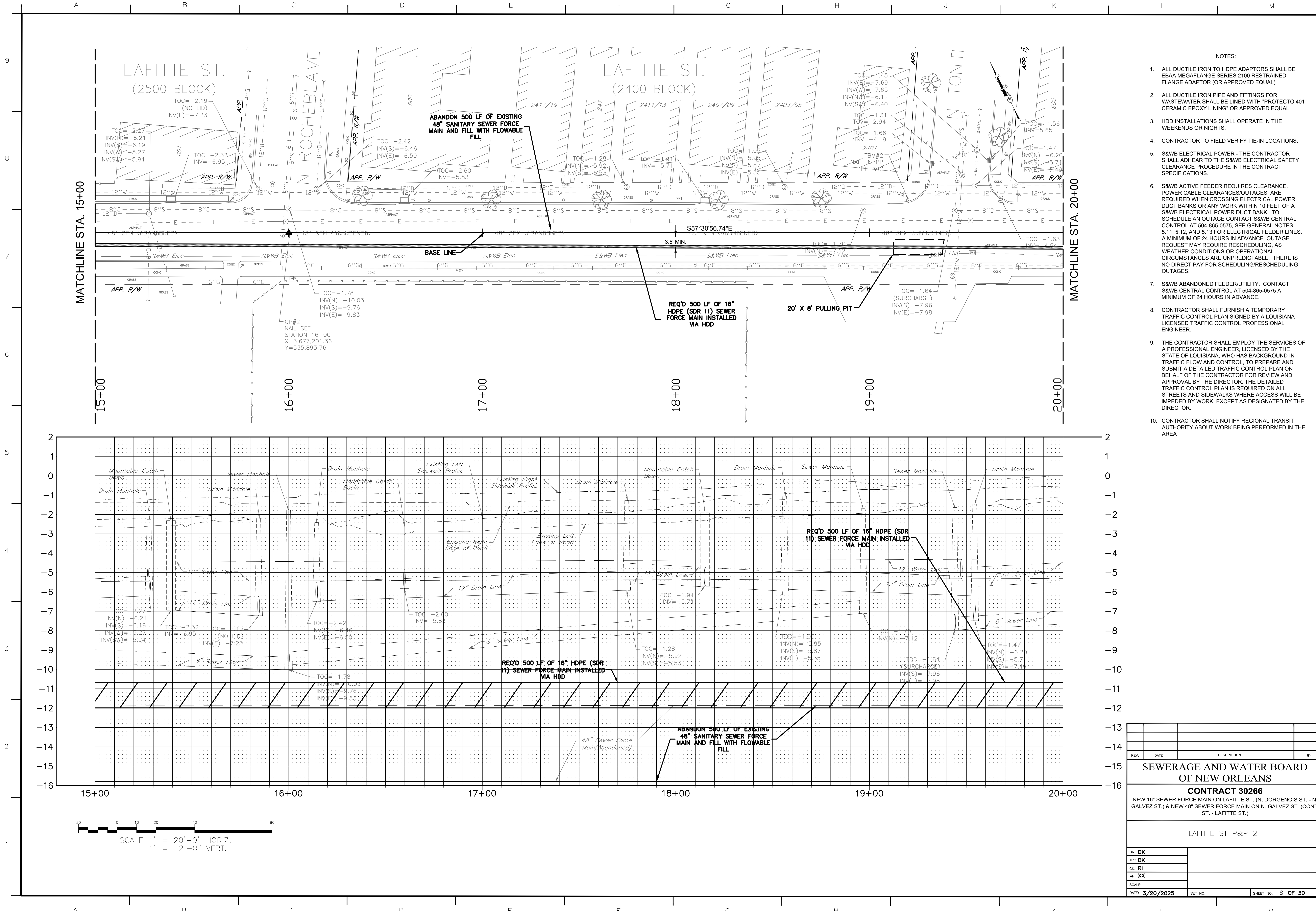
- NOTES:
- ALL CONCRETE PADS SHALL HAVE #3 REBAR AT 12" O.C. SET 3" FROM THE BOTTOM.
 - CONTRACTOR TO FIELD VERIFY TIE-IN LOCATIONS.
 - S&WB ELECTRICAL POWER - THE CONTRACTOR SHALL ADHERE TO THE S&WB ELECTRICAL SAFETY CLEARANCE PROCEDURE IN THE CONTRACT SPECIFICATIONS.
 - S&WB ACTIVE FEEDER REQUIRES CLEARANCE. POWER CABLE CLEARANCES/OUTAGES ARE REQUIRED WHEN CROSSING ELECTRICAL POWER DUCT BANKS OR ANY WORK WITHIN 10 FEET OF A S&WB ELECTRICAL POWER DUCT BANK. TO SCHEDULE AN OUTAGE CONTACT S&WB CENTRAL CONTROL AT 504-865-0575. SEE GENERAL NOTES 5.11, 5.12, AND 5.13 FOR ELECTRICAL FEEDER LINES. A MINIMUM OF 24 HOURS IN ADVANCE. OUTAGE REQUEST MAY REQUIRE RESCHEDULING, AS WEATHER CONDITIONS OR OPERATIONAL CIRCUMSTANCES ARE UNPREDICTABLE. THERE IS NO DIRECT PAY FOR SCHEDULING/RESCHEDULING OUTAGES.
 - S&WB ABANDONED FEEDER/UTILITY. CONTACT S&WB CENTRAL CONTROL AT 504-865-0575 A MINIMUM OF 24 HOURS IN ADVANCE.
 - CONTRACTOR SHALL FURNISH A TEMPORARY TRAFFIC CONTROL PLAN SIGNED BY A LOUISIANA LICENSED TRAFFIC CONTROL PROFESSIONAL ENGINEER.
 - THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED BY THE STATE OF LOUISIANA, WHO HAS BACKGROUND IN TRAFFIC FLOW AND CONTROL, TO PREPARE AND SUBMIT A DETAILED TRAFFIC CONTROL PLAN ON BEHALF OF THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE DIRECTOR. THE DETAILED TRAFFIC CONTROL PLAN IS REQUIRED ON ALL STREETS AND SIDEWALKS WHERE ACCESS WILL BE IMPEDED BY WORK, EXCEPT AS DESIGNATED BY THE DIRECTOR.
 - CONTRACTOR SHALL NOTIFY REGIONAL TRANSIT AUTHORITY ABOUT WORK BEING PERFORMED IN THE AREA



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

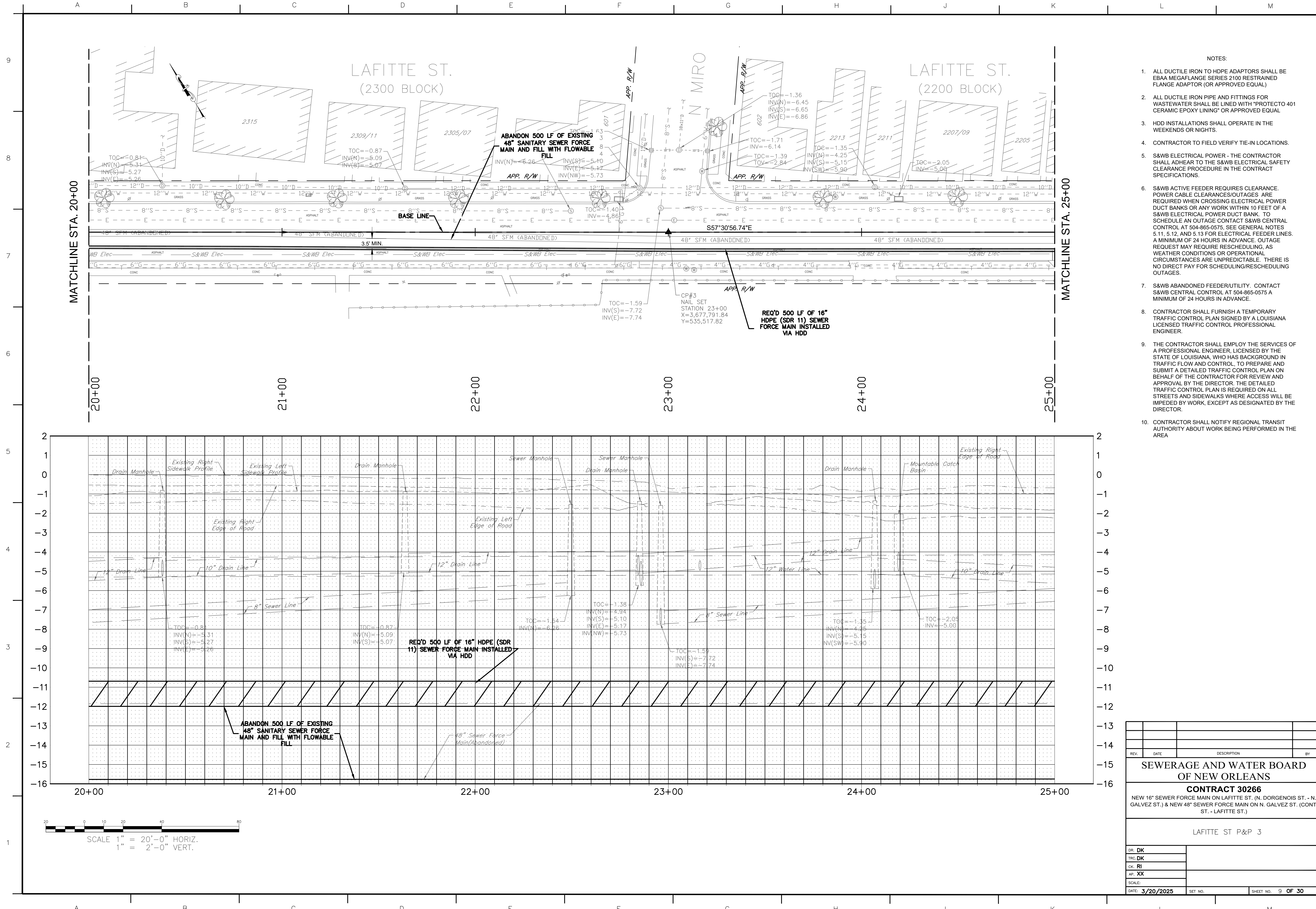
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
GALVEZ ST P&P 2			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 6 OF 30	





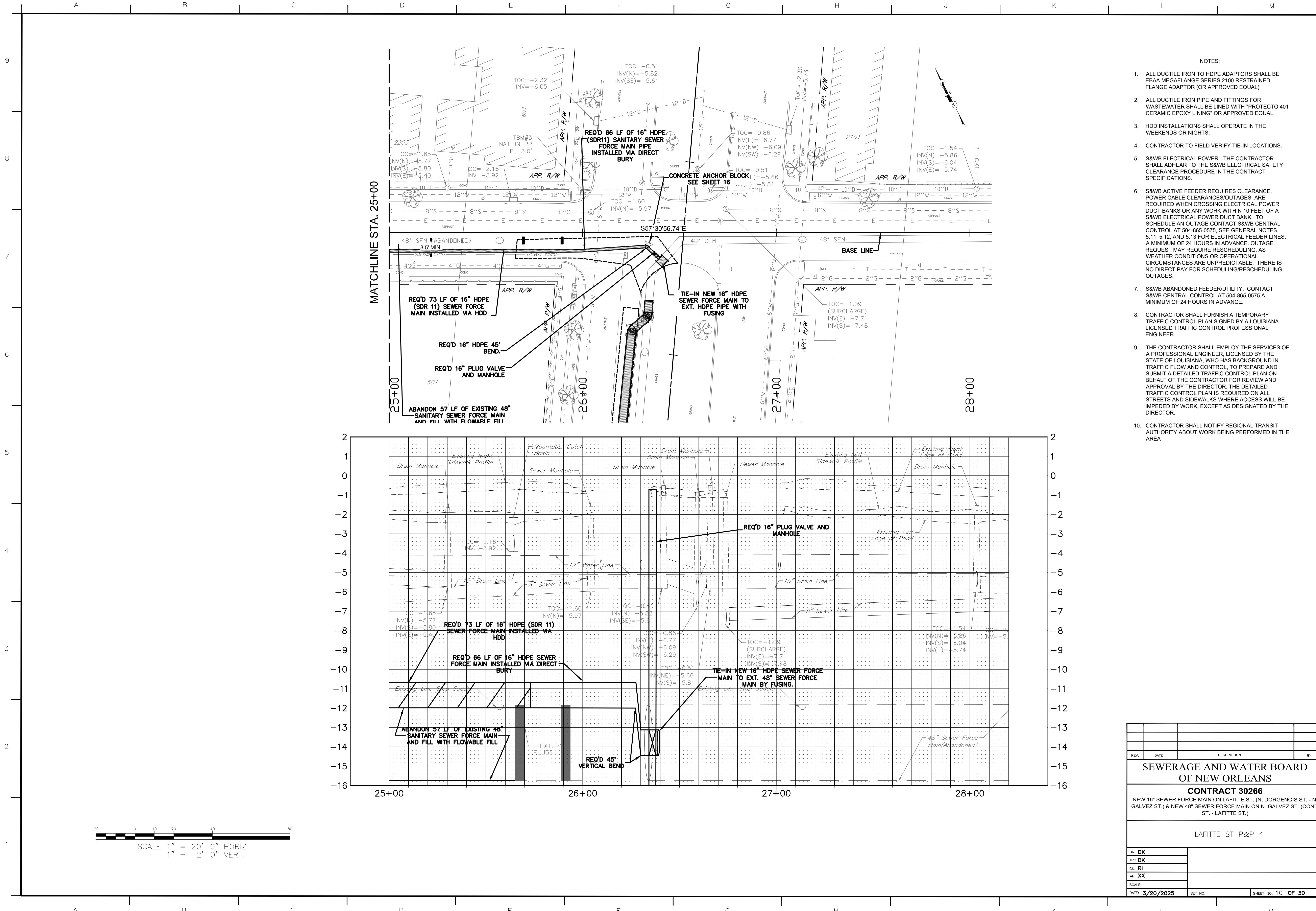
- NOTES:
1. ALL DUCTILE IRON TO HDPE ADAPTORS SHALL BE EBAA MEGAFLANGE SERIES 2100 RESTRAINED FLANGE ADAPTOR (OR APPROVED EQUAL)
 2. ALL DUCTILE IRON PIPE AND FITTINGS FOR WASTEWATER SHALL BE LINED WITH "PROTECTO 401 CERAMIC EPOXY LINING" OR APPROVED EQUAL
 3. HDD INSTALLATIONS SHALL OPERATE IN THE WEEKENDS OR NIGHTS.
 4. CONTRACTOR TO FIELD VERIFY TIE-IN LOCATIONS.
 5. S&WB ELECTRICAL POWER - THE CONTRACTOR SHALL ADHERE TO THE S&WB ELECTRICAL SAFETY CLEARANCE PROCEDURE IN THE CONTRACT SPECIFICATIONS.
 6. S&WB ACTIVE FEEDER REQUIRES CLEARANCE. POWER CABLE CLEARANCES/OUTAGES ARE REQUIRED WHEN CROSSING ELECTRICAL POWER DUCT BANKS OR ANY WORK WITHIN 10 FEET OF A S&WB ELECTRICAL POWER DUCT BANK. TO SCHEDULE AN OUTAGE CONTACT S&WB CENTRAL CONTROL AT 504-865-0575. SEE GENERAL NOTES 5.11, 5.12, AND 5.13 FOR ELECTRICAL FEEDER LINES. A MINIMUM OF 24 HOURS IN ADVANCE. OUTAGE REQUEST MAY REQUIRE RESCHEDULING, AS WEATHER CONDITIONS OR OPERATIONAL CIRCUMSTANCES ARE UNPREDICTABLE. THERE IS NO DIRECT PAY FOR SCHEDULING/RESCHEDULING OUTAGES.
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 10. CONTRACTOR SHALL NOTIFY REGIONAL TRANSIT AUTHORITY ABOUT WORK BEING PERFORMED IN THE AREA

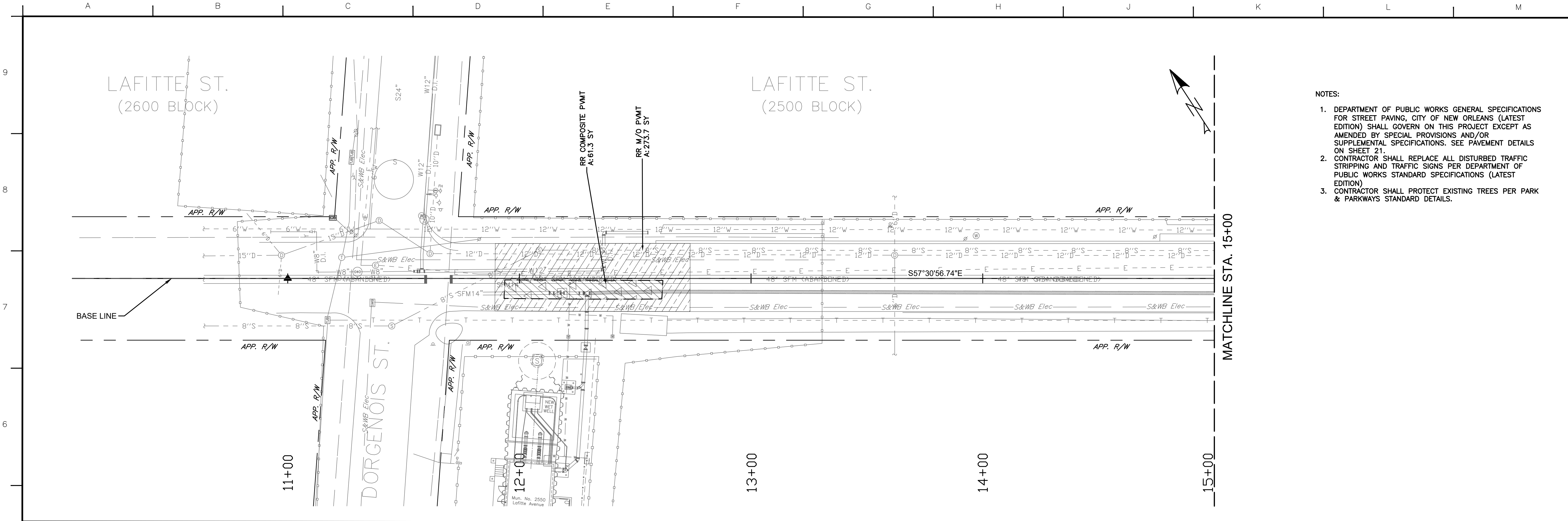
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
LAFITTE ST P&P 2			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 8 OF 30	



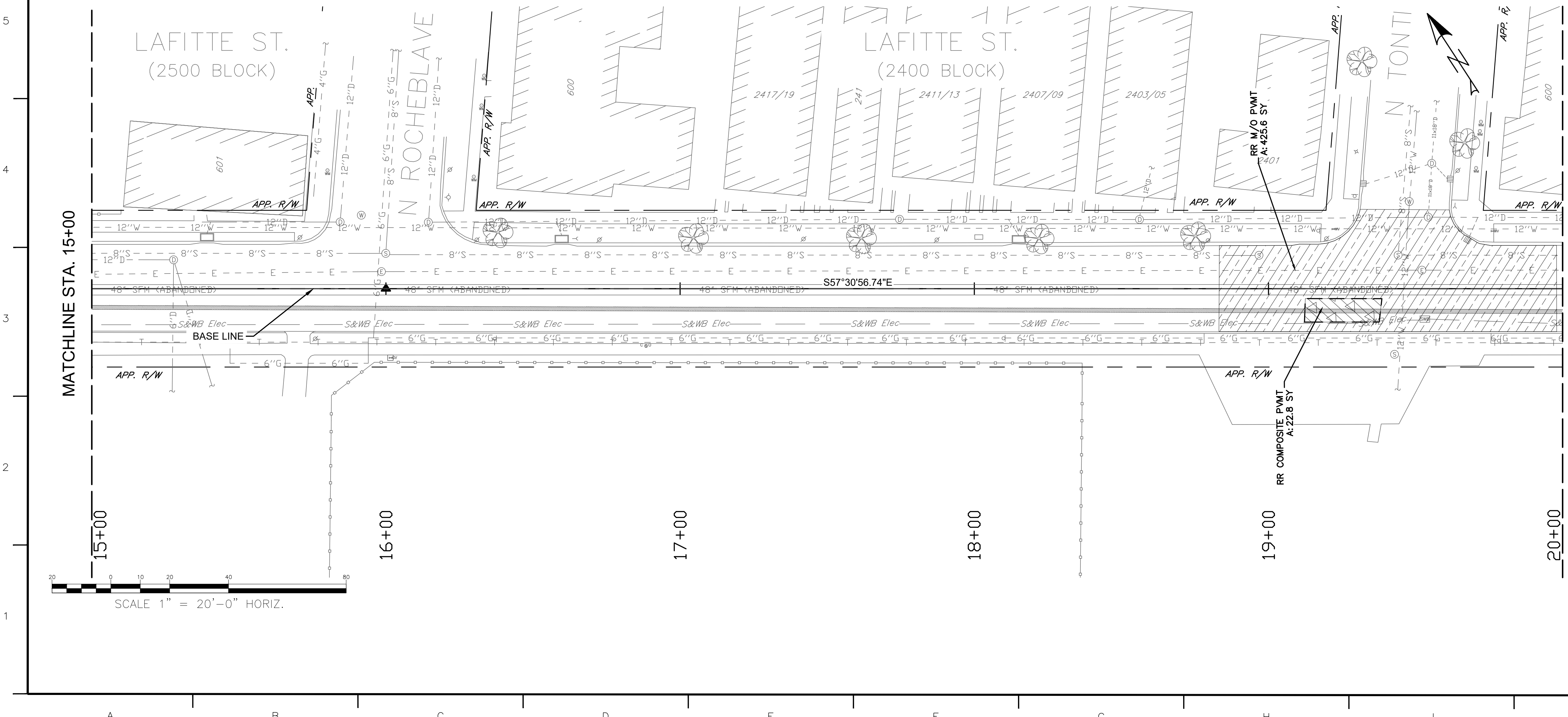
- NOTES:
- ALL DUCTILE IRON TO HDPE ADAPTORS SHALL BE EBA MEGAFLANGE SERIES 2100 RESTRAINED FLANGE ADAPTOR (OR APPROVED EQUAL)
 - ALL DUCTILE IRON PIPE AND FITTINGS FOR WASTEWATER SHALL BE LINED WITH "PROTECTO 401 CERAMIC EPOXY LINING" OR APPROVED EQUAL
 - HDD INSTALLATIONS SHALL OPERATE IN THE WEEKENDS OR NIGHTS.
 - CONTRACTOR TO FIELD VERIFY TIE-IN LOCATIONS.
 - S&WB ELECTRICAL POWER - THE CONTRACTOR SHALL ADHERE TO THE S&WB ELECTRICAL SAFETY CLEARANCE PROCEDURE IN THE CONTRACT SPECIFICATIONS.
 - S&WB ACTIVE FEEDER REQUIRES CLEARANCE. POWER CABLE CLEARANCES/OUTAGES ARE REQUIRED WHEN CROSSING ELECTRICAL POWER DUCT BANKS OR ANY WORK WITHIN 10 FEET OF A S&WB ELECTRICAL POWER DUCT BANK. TO SCHEDULE AN OUTAGE CONTACT S&WB CENTRAL CONTROL AT 504-865-0575. SEE GENERAL NOTES 5.11, 5.12, AND 5.13 FOR ELECTRICAL FEEDER LINES. A MINIMUM OF 24 HOURS IN ADVANCE. OUTAGE REQUEST MAY REQUIRE RESCHEDULING, AS WEATHER CONDITIONS OR OPERATIONAL CIRCUMSTANCES ARE UNPREDICTABLE. THERE IS NO DIRECT PAY FOR SCHEDULING/RESCHEDULING OUTAGES.
 - S&WB ABANDONED FEEDER/UTILITY. CONTACT S&WB CENTRAL CONTROL AT 504-865-0575 A MINIMUM OF 24 HOURS IN ADVANCE.
 - CONTRACTOR SHALL FURNISH A TEMPORARY TRAFFIC CONTROL PLAN SIGNED BY A LOUISIANA LICENSED TRAFFIC CONTROL PROFESSIONAL ENGINEER.
 - THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A PROFESSIONAL ENGINEER, LICENSED BY THE STATE OF LOUISIANA, WHO HAS BACKGROUND IN TRAFFIC FLOW AND CONTROL, TO PREPARE AND SUBMIT A DETAILED TRAFFIC CONTROL PLAN ON BEHALF OF THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE DIRECTOR. THE DETAILED TRAFFIC CONTROL PLAN IS REQUIRED ON ALL STREETS AND SIDEWALKS WHERE ACCESS WILL BE IMPEDED BY WORK, EXCEPT AS DESIGNATED BY THE DIRECTOR.
 - CONTRACTOR SHALL NOTIFY REGIONAL TRANSIT AUTHORITY ABOUT WORK BEING PERFORMED IN THE AREA

REV.	DATE	DESCRIPTION				BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS						
CONTRACT 30266						
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)						
LAFITTE ST P&P 3						
DR: DK						
TRC: DK						
CK: RI						
AP: XX						
SCALE:						
DATE: 3/20/2025		SET NO.		SHEET NO. 9 OF 30		



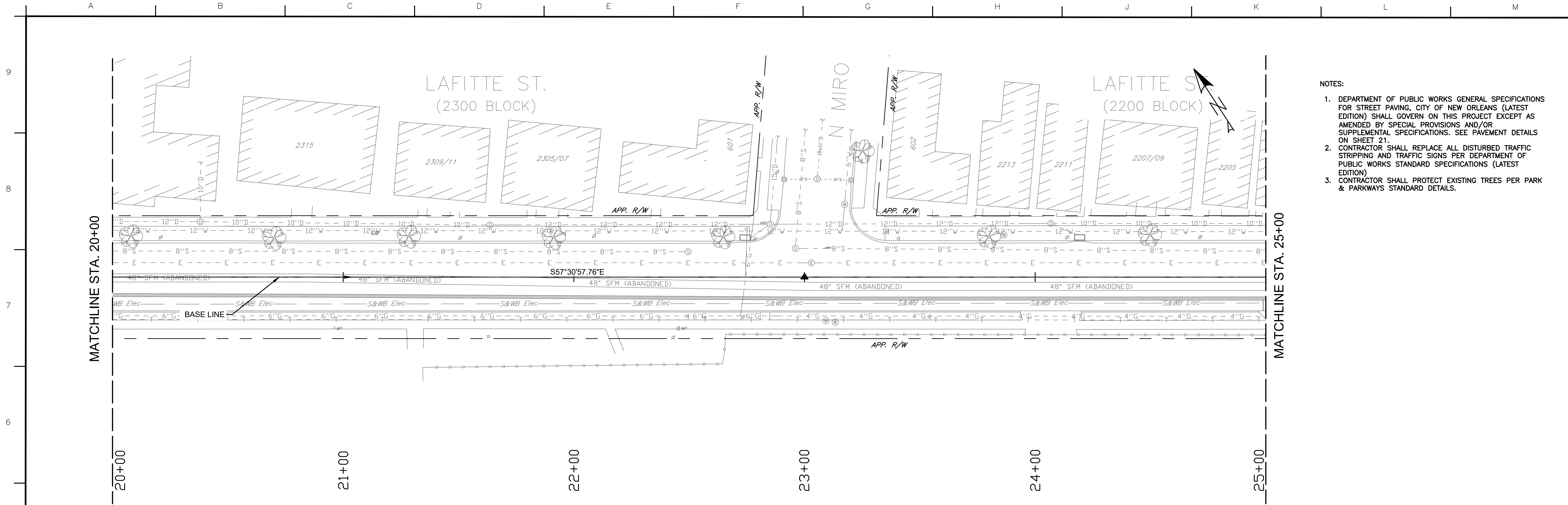


- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS. SEE PAVEMENT DETAILS ON SHEET 21.
 2. CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC STRIPPING AND TRAFFIC SIGNS PER DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS (LATEST EDITION)
 3. CONTRACTOR SHALL PROTECT EXISTING TREES PER PARK & PARKWAYS STANDARD DETAILS.

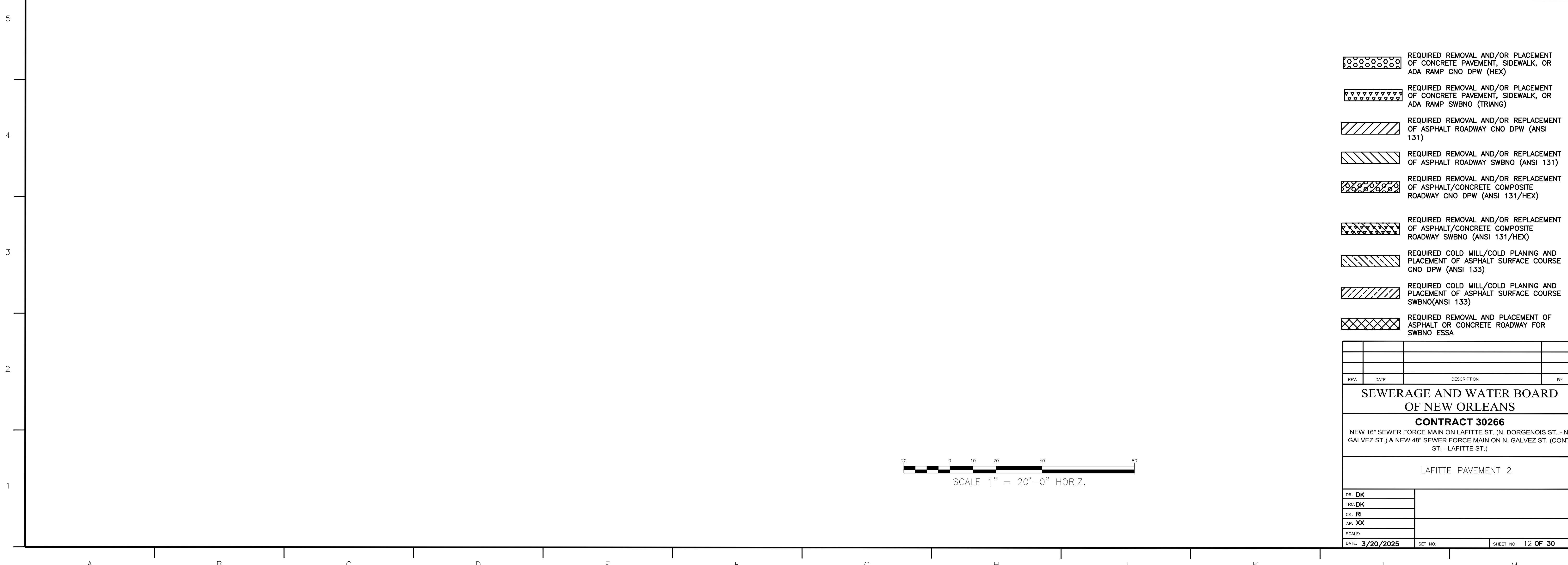


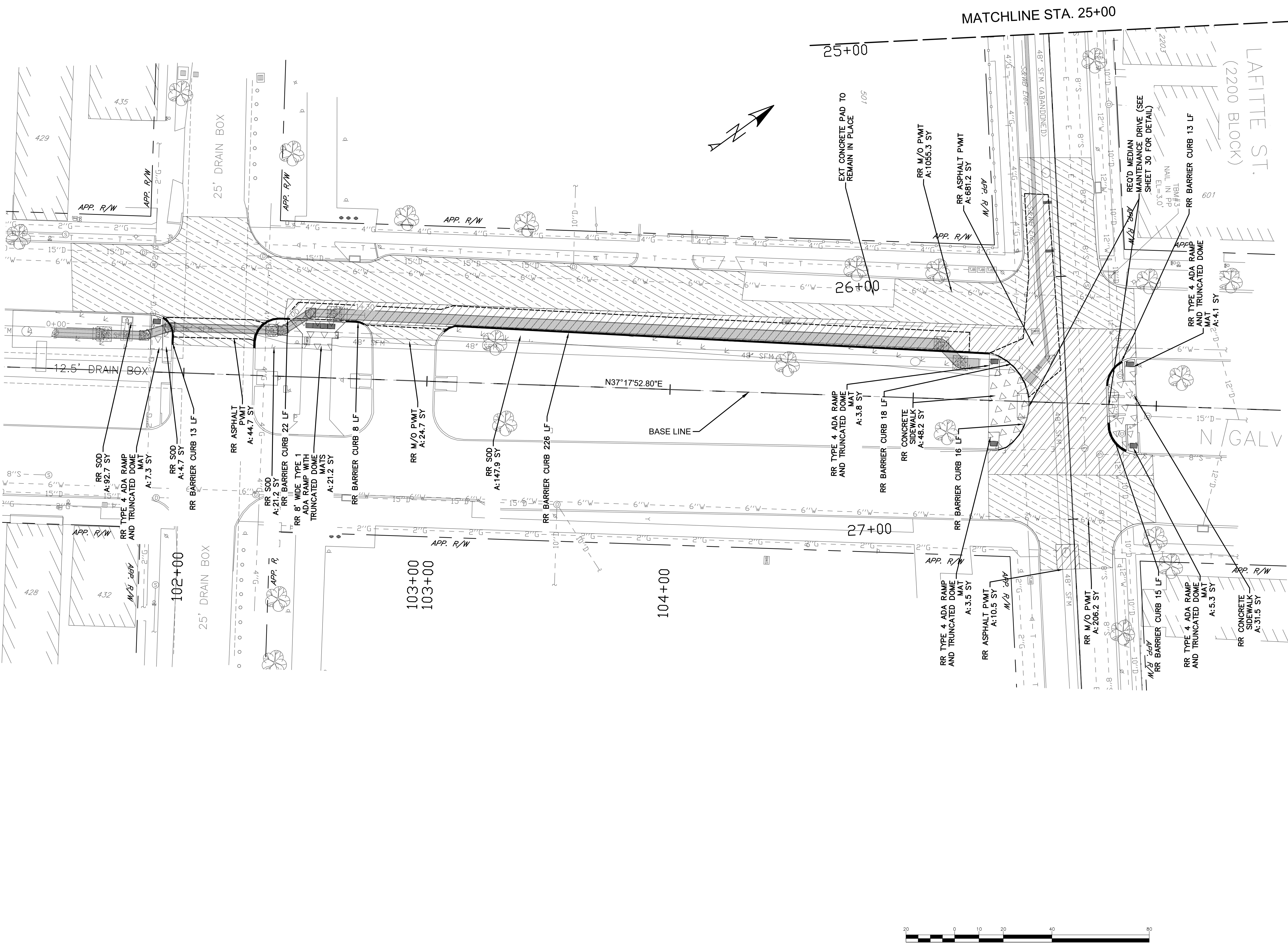
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT ROADWAY CNO DPW (ANSI 131)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT ROADWAY SWBNO (ANSI 131)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY CNO DPW (ANSI 131/HEX)
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- 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

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
LAFITTE PAVEMENT 1			
DR. DK			
TRC. DK			
CK. RI			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 11 OF 30	



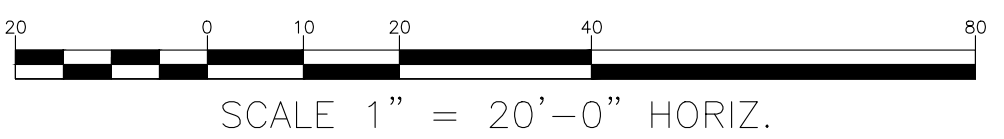
- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS. SEE PAVEMENT DETAILS ON SHEET 21.
 2. CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC STRIPPING AND TRAFFIC SIGNS PER DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS (LATEST EDITION)
 3. CONTRACTOR SHALL PROTECT EXISTING TREES PER PARK & PARKWAYS STANDARD DETAILS.



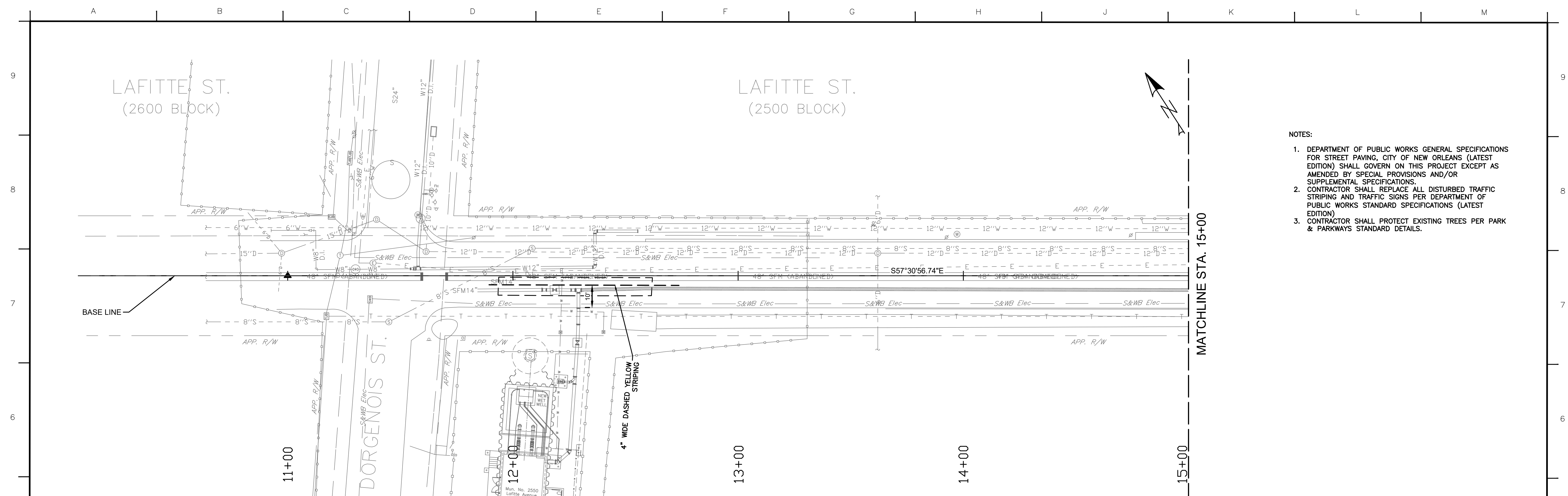


- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS. SEE PAVEMENT DETAILS ON SHEET 21.
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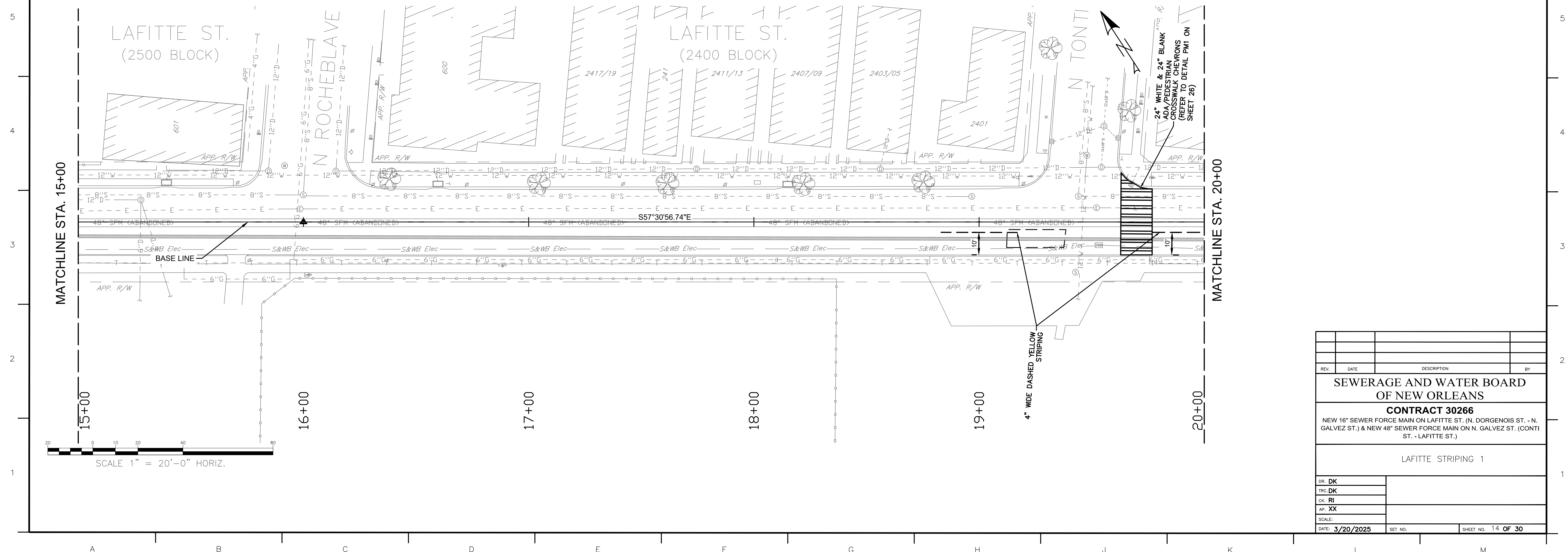
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP CNO DPW (HEX)
- REQUIRED REMOVAL AND/OR PLACEMENT OF CONCRETE PAVEMENT, SIDEWALK, OR ADA RAMP SWBNO (TRIANG)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT ROADWAY CNO DPW (ANSI 131)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT ROADWAY SWBNO (ANSI 131)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY CNO DPW (ANSI 131/HEX)
- REQUIRED REMOVAL AND/OR REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY SWBNO (ANSI 131/HEX)
- 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



SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
GALVEZ PAVEMENT			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 13 OF 30	



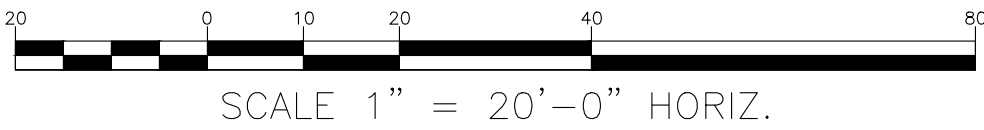
- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.
 2. CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC STRIPING AND TRAFFIC SIGNS PER DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS (LATEST EDITION)
 3. CONTRACTOR SHALL PROTECT EXISTING TREES PER PARK & PARKWAYS STANDARD DETAILS.



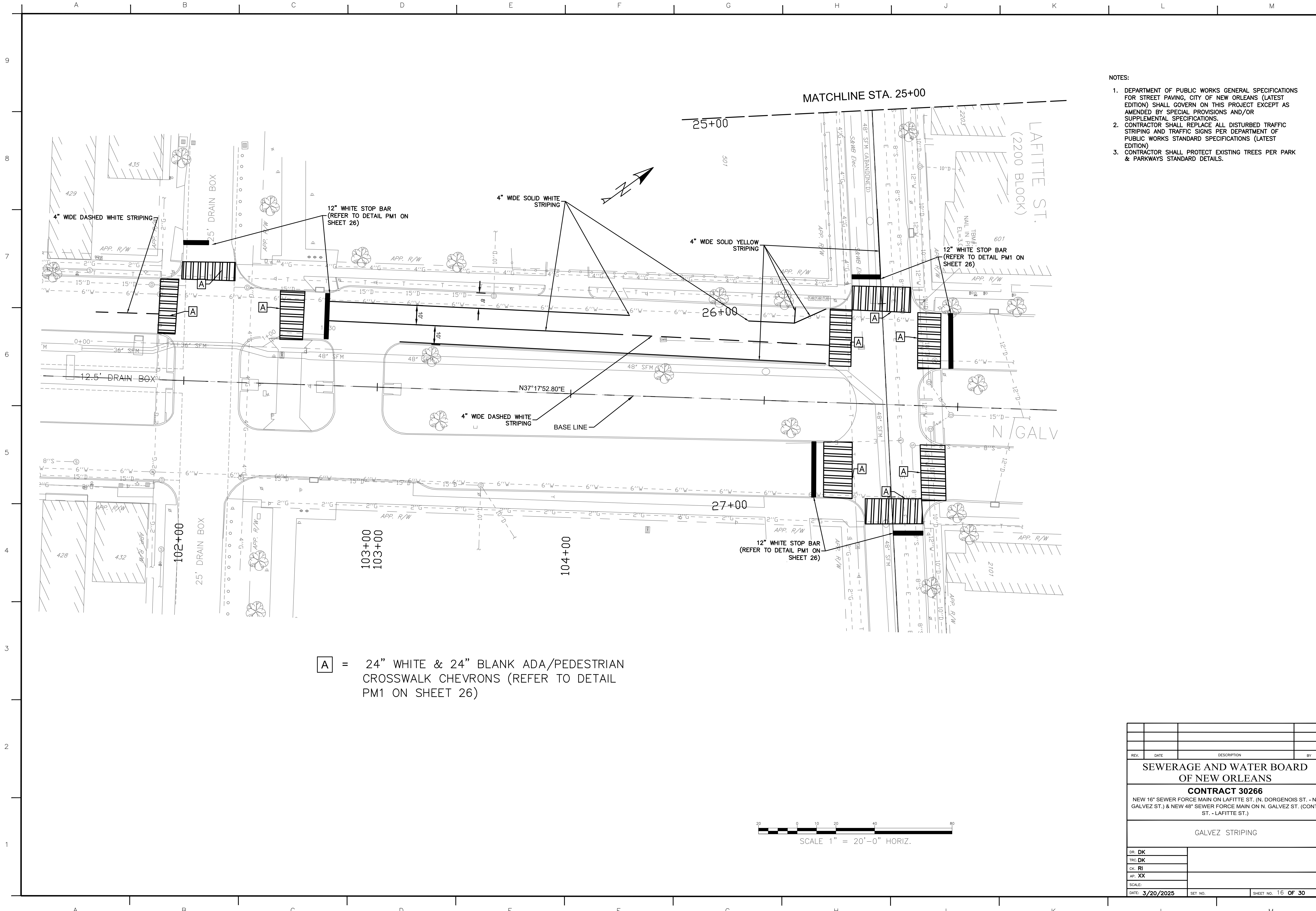
REV.	DATE	DESCRIPTION			BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS					
CONTRACT 30266					
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)					
LAFITTE STRIPING 1					
DR: DK					
TRC: DK					
CK: RI					
AP: XX					
SCALE:					
DATE: 3/20/2025	SET NO.	SHEET NO. 14 OF 30			



- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.
 2. CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC STRIPING AND TRAFFIC SIGNS PER DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS (LATEST EDITION)
 3. CONTRACTOR SHALL PROTECT EXISTING TREES PER PARK & PARKWAYS STANDARD DETAILS.

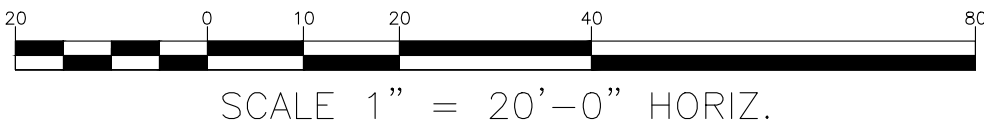


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
LAFITTE STRIPING 2			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 15 OF 30	

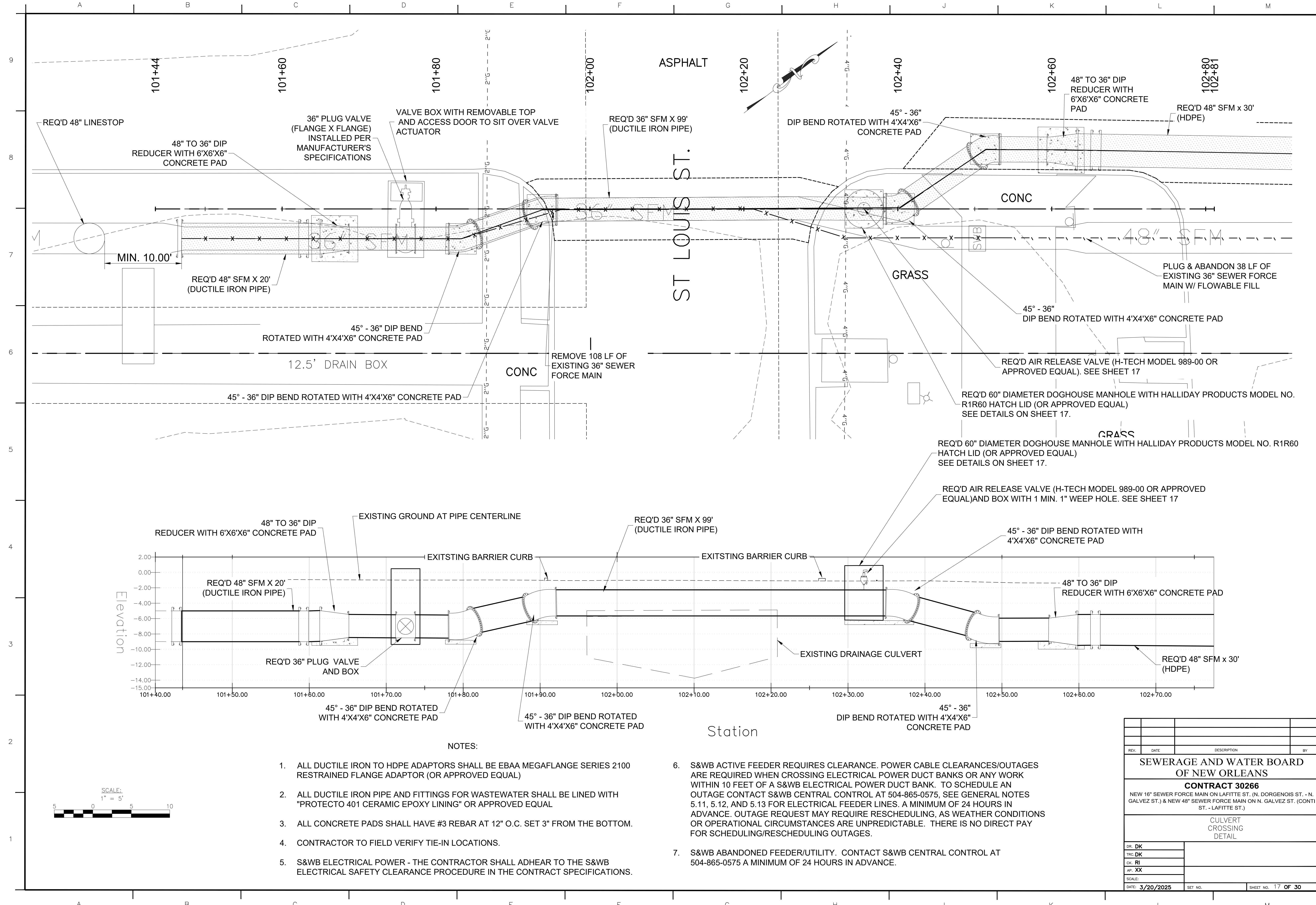


- NOTES:
1. DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, CITY OF NEW ORLEANS (LATEST EDITION) SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.
 2. CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC STRIPING AND TRAFFIC SIGNS PER DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS (LATEST EDITION)
 3. CONTRACTOR SHALL PROTECT EXISTING TREES PER PARK & PARKWAYS STANDARD DETAILS.

A = 24" WHITE & 24" BLANK ADA/PEDESTRIAN CROSSWALK CHEVRONS (REFER TO DETAIL PM1 ON SHEET 26)



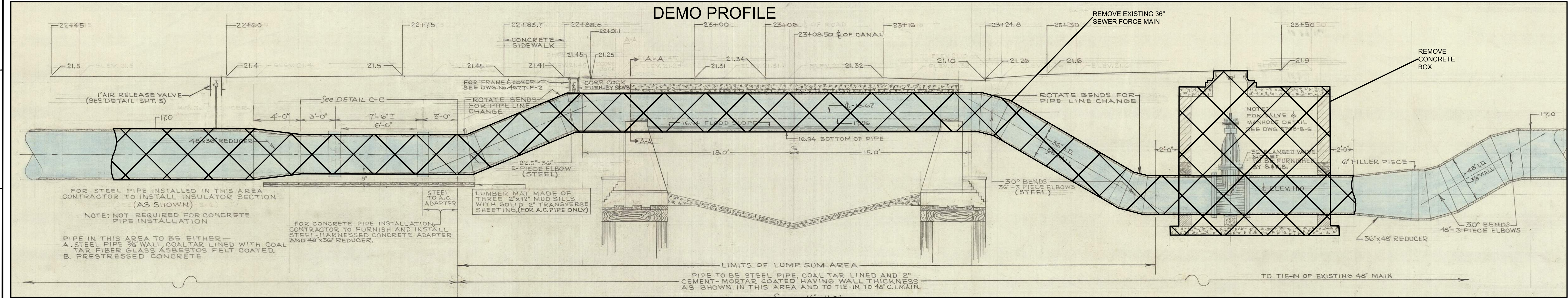
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
GALVEZ STRIPING			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 16 OF 30	



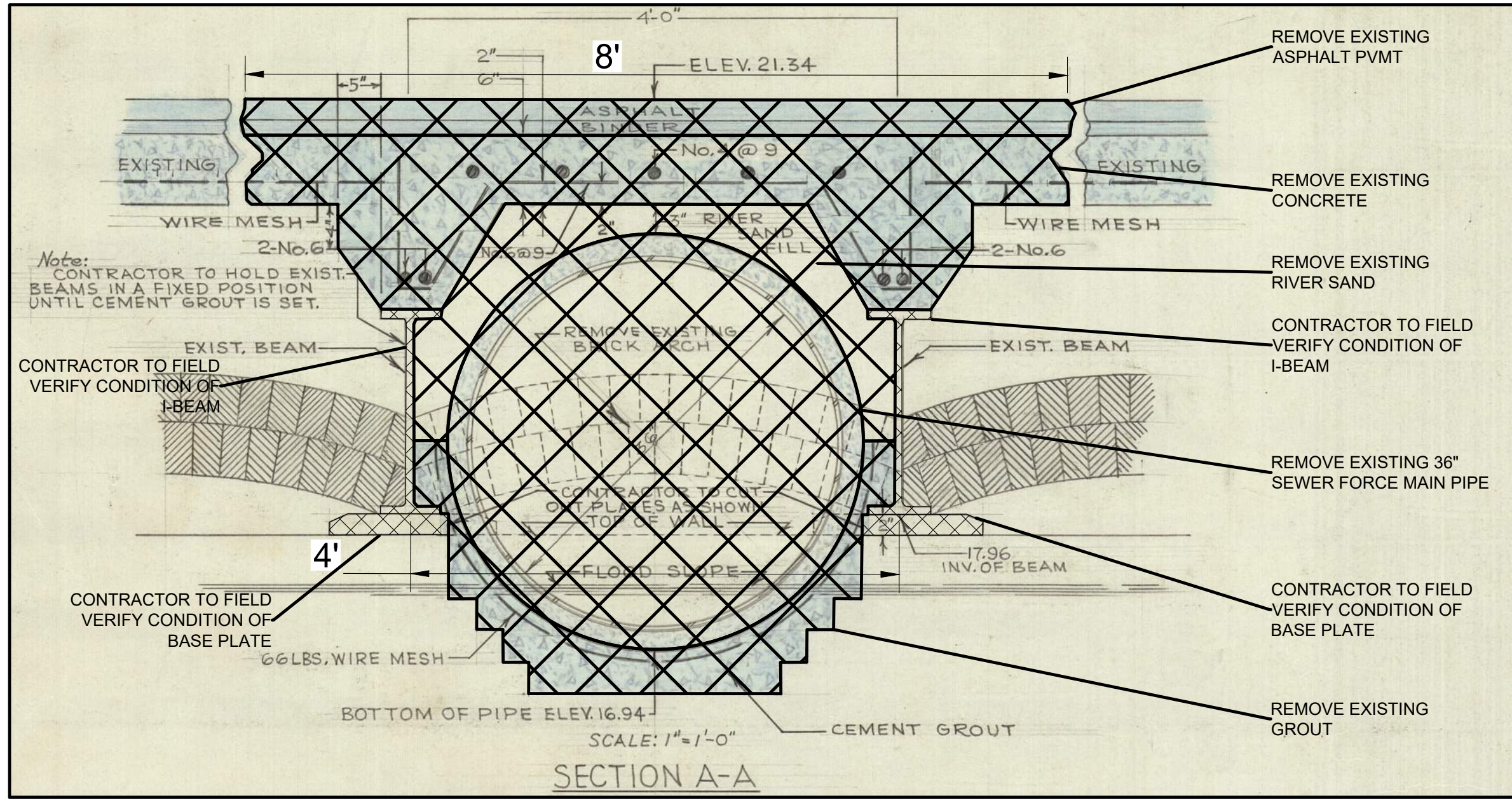
- NOTES:
- ALL DUCTILE IRON TO HDPE ADAPTORS SHALL BE EBAA MEGAFLANGE SERIES 2100 RESTRAINED FLANGE ADAPTOR (OR APPROVED EQUAL)
 - ALL DUCTILE IRON PIPE AND FITTINGS FOR WASTEWATER SHALL BE LINED WITH "PROTECTO 401 CERAMIC EPOXY LINING" OR APPROVED EQUAL
 - ALL CONCRETE PADS SHALL HAVE #3 REBAR AT 12" O.C. SET 3" FROM THE BOTTOM.
 - CONTRACTOR TO FIELD VERIFY TIE-IN LOCATIONS.
 - S&WB ELECTRICAL POWER - THE CONTRACTOR SHALL ADHEAR TO THE S&WB ELECTRICAL SAFETY CLEARANCE PROCEDURE IN THE CONTRACT SPECIFICATIONS.

- S&WB ACTIVE FEEDER REQUIRES CLEARANCE. POWER CABLE CLEARANCES/OUTAGES ARE REQUIRED WHEN CROSSING ELECTRICAL POWER DUCT BANKS OR ANY WORK WITHIN 10 FEET OF A S&WB ELECTRICAL POWER DUCT BANK. TO SCHEDULE AN OUTAGE CONTACT S&WB CENTRAL CONTROL AT 504-865-0575, SEE GENERAL NOTES 5.11, 5.12, AND 5.13 FOR ELECTRICAL FEEDER LINES. A MINIMUM OF 24 HOURS IN ADVANCE. OUTAGE REQUEST MAY REQUIRE RESCHEDULING, AS WEATHER CONDITIONS OR OPERATIONAL CIRCUMSTANCES ARE UNPREDICTABLE. THERE IS NO DIRECT PAY FOR SCHEDULING/RESCHEDULING OUTAGES.
- S&WB ABANDONED FEEDER/UTILITY. CONTACT S&WB CENTRAL CONTROL AT 504-865-0575 A MINIMUM OF 24 HOURS IN ADVANCE.

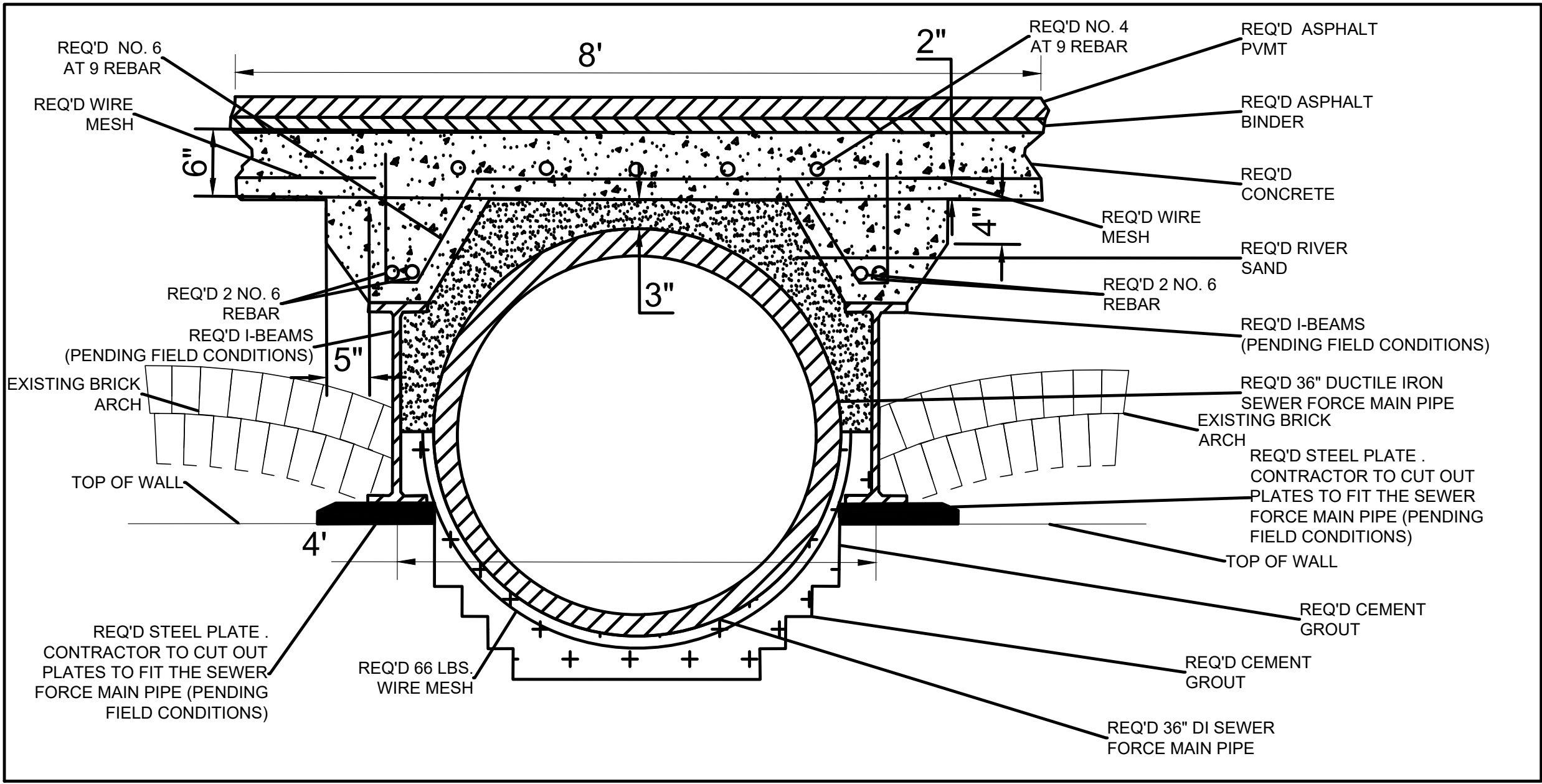
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
CULVERT CROSSING DETAIL			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 17 OF 30	



DEMO X-SECTION



PROPOSED X-SECTION



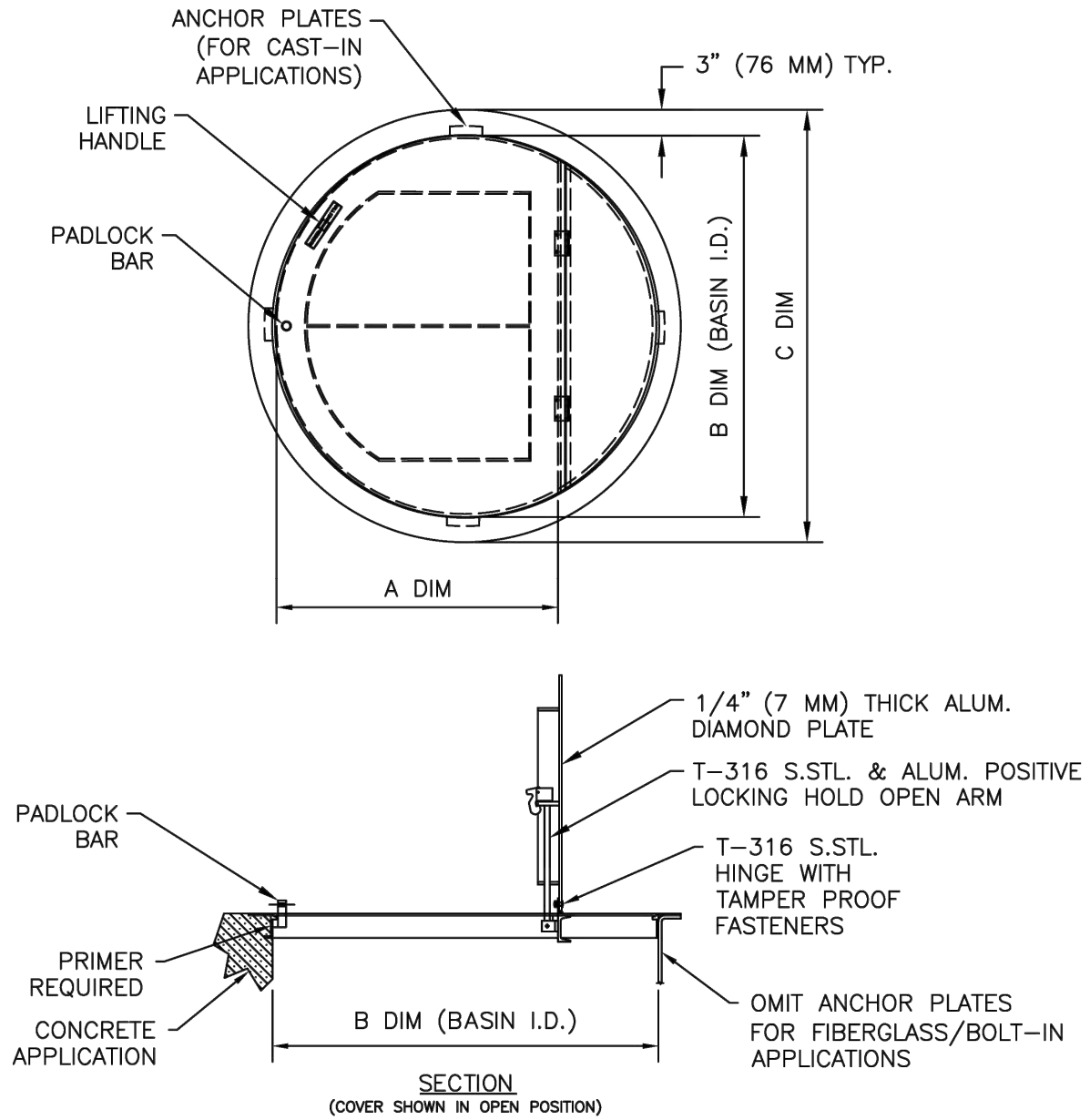
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
CULVERT REMOVAL DETAIL			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 18 OF 30	

SERIES R1R ACCESS DOOR

- STANDARD FEATURES:
- 300 LBS. PER SQ. FT. LOAD RATING (1464 KG PER SQ. METER LOAD RATING)
 - EXTRUDED ALUMINUM ANGLE FRAME
 - SINGLE LEAF CONSTRUCTION FOR MAXIMUM ACCESS (TWO LEAF OPTIONAL)
 - AUTO-LOCK T-316 STAINLESS STEEL HOLD OPEN ARM WITH RELEASE HANDLE
 - T-316 STAINLESS STEEL HINGES AND ATTACHING HARDWARE
 - NON-CORROSIVE PADLOCK BAR
 - ANCHOR PLATES (ORDER WITHOUT FOR FIBERGLASS OR BOLT-IN APPLICATIONS)
 - RECESSED LIFTING HANDLE
 - LIFETIME GUARANTEE
 - LARGER SIZES AVAILABLE



STANDARD SIZES					
QTY.	MODEL NO.	A DIM INCHES (MM)	B DIM INCHES (MM)	C DIM INCHES (MM)	UNIT WT. LBS. (KG)
	R1R36	24 (610)	36 (914)	42 (1067)	62 (28)
	R1R48	32 (813)	48 (1219)	54 (1372)	86 (39)
	R1R60	40 (1016)	60 (1524)	66 (1676)	136 (62)
	R1R72	48 (1219)	72 (1829)	78 (1981)	175 (79)

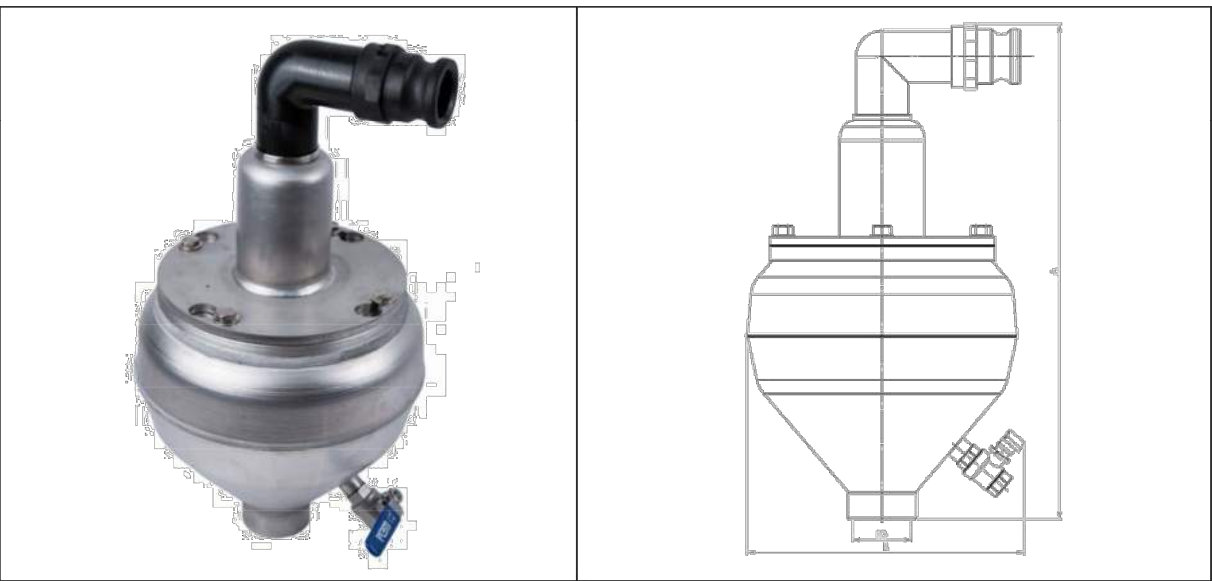


R1R SERIES RD

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:

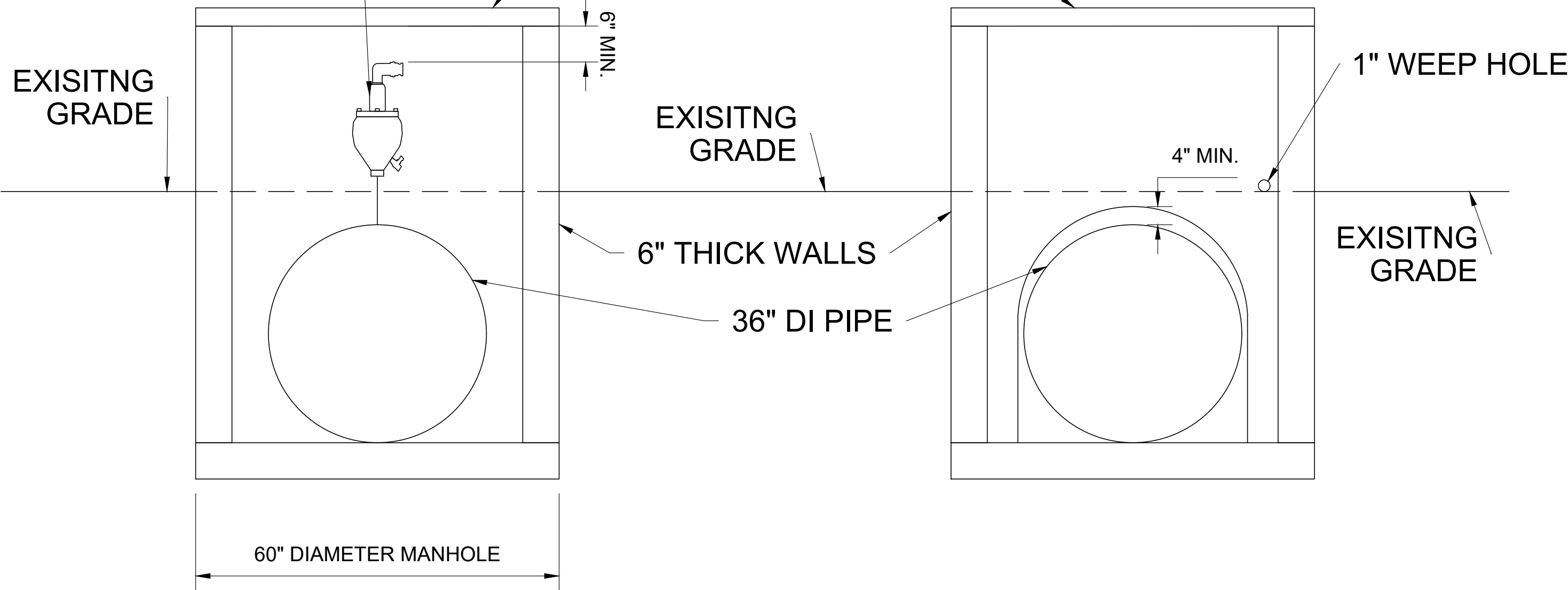
Air valves must be tested for function and maintained at least once per year.

1061 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

H-TEC ARV MODEL NO.
989-00 (OR APPROVED
EQUAL)

HALLIDAY PRODUCTS
MODEL NUMBER R1R60
(OR APPROVED EQUAL)

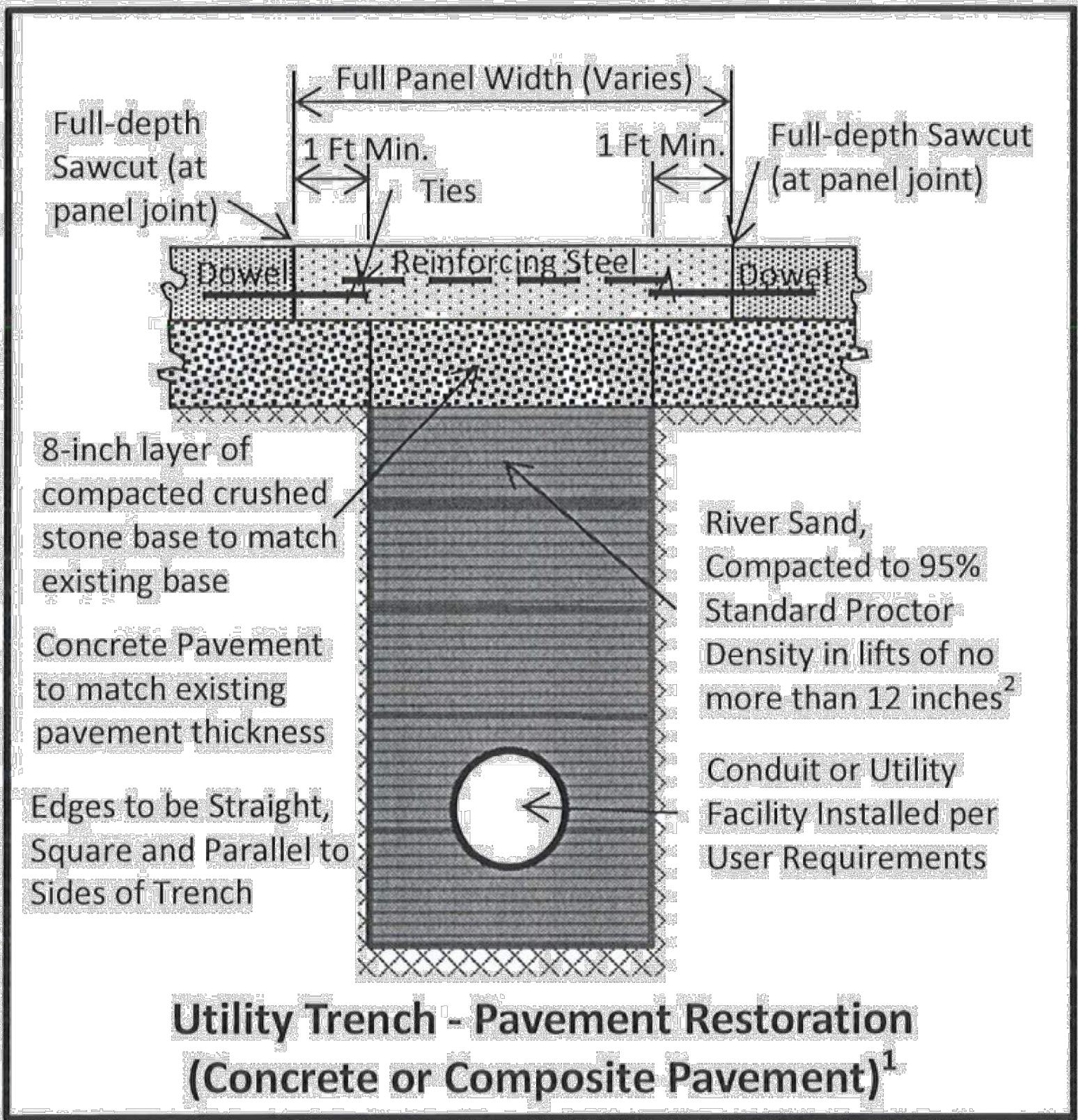


X-SEC VIEW

OUTSIDE VIEW

DOGHOUSE MANHOLE DETAIL

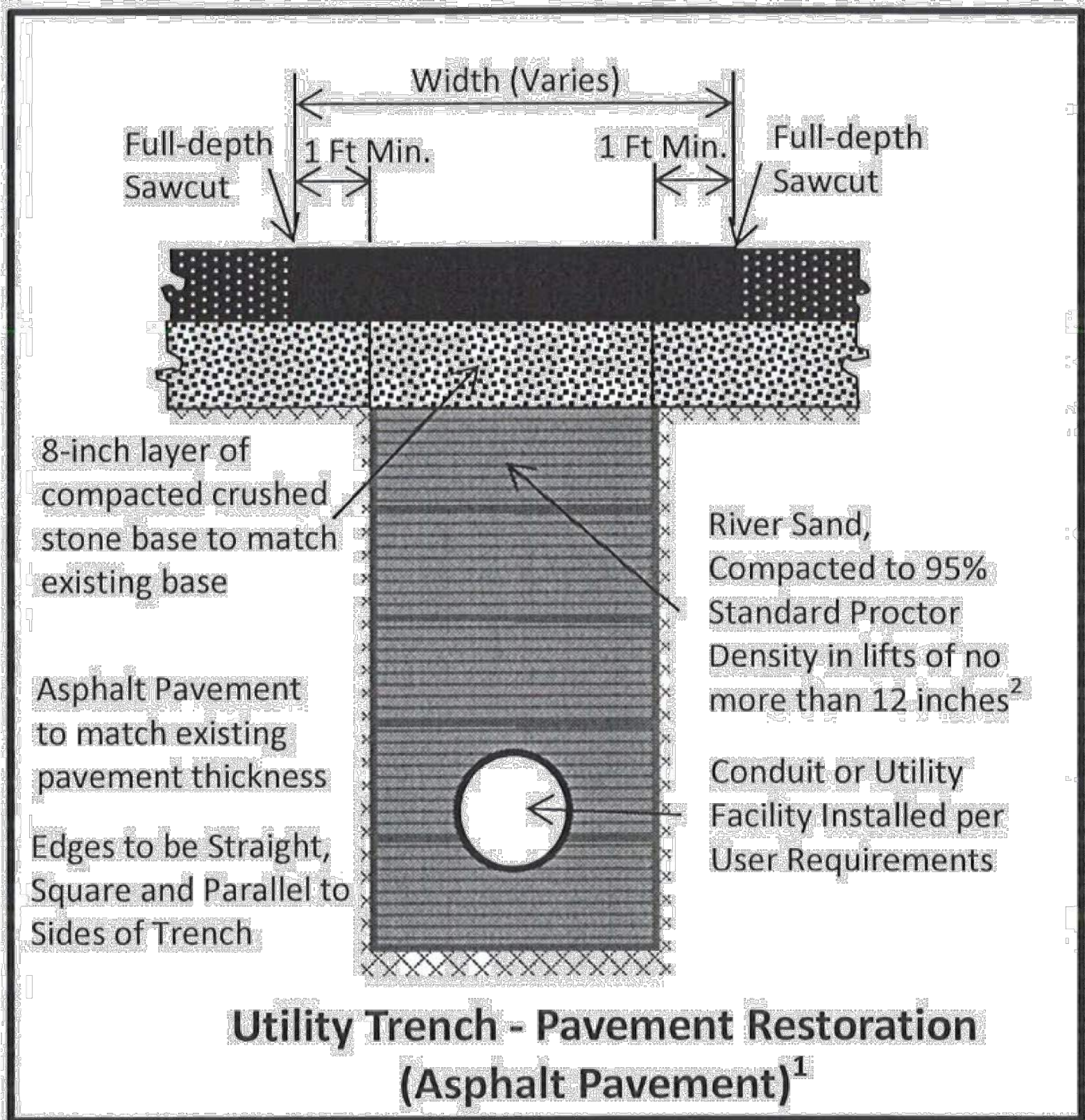
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
SWB DETAILS 2			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 20 OF 30	



CONCRETE PAVEMENT

Restoration of concrete pavements and pavements with a bituminous wearing surface and concrete foundation. (Sections 146-448, 146-450, and 146-451 of the City Code)

- A. The concrete for restoration of service cuts shall have a compressive strength of at least 4,500 pounds per square inch at 72 hours. On streets with a concrete base or full depth concrete paving, dowelling into the existing concrete pavement shall be employed.
- B. The pavement must be restored by replacement of the full concrete panel in which the cut or part of the cut is made, unless otherwise approved/directed by the DPW Director or his designee. A panel is defined as a homogenous section bound by full original construction joints on each side.
- C. The permit holder shall saw cut and remove the concrete and any wearing surface on top of the concrete base, to a depth equal to that of the pavement to be restored, unless otherwise directed by the DPW Director (in some cases, a full panel replacement may be required).
- D. Cutouts outside of the trench lines must be normal or parallel to the trench line. Pavement edges shall have vertical face and be neatly aligned with the center.
- E. If the extent of the cut(s) and subsequent pavement restoration is seventy-five percent (75%) or more of the pavement surface area of the street block in which the cut was made, the entire street block from intersection to intersection shall be repaved, unless otherwise approved/directed by the DPW Director.

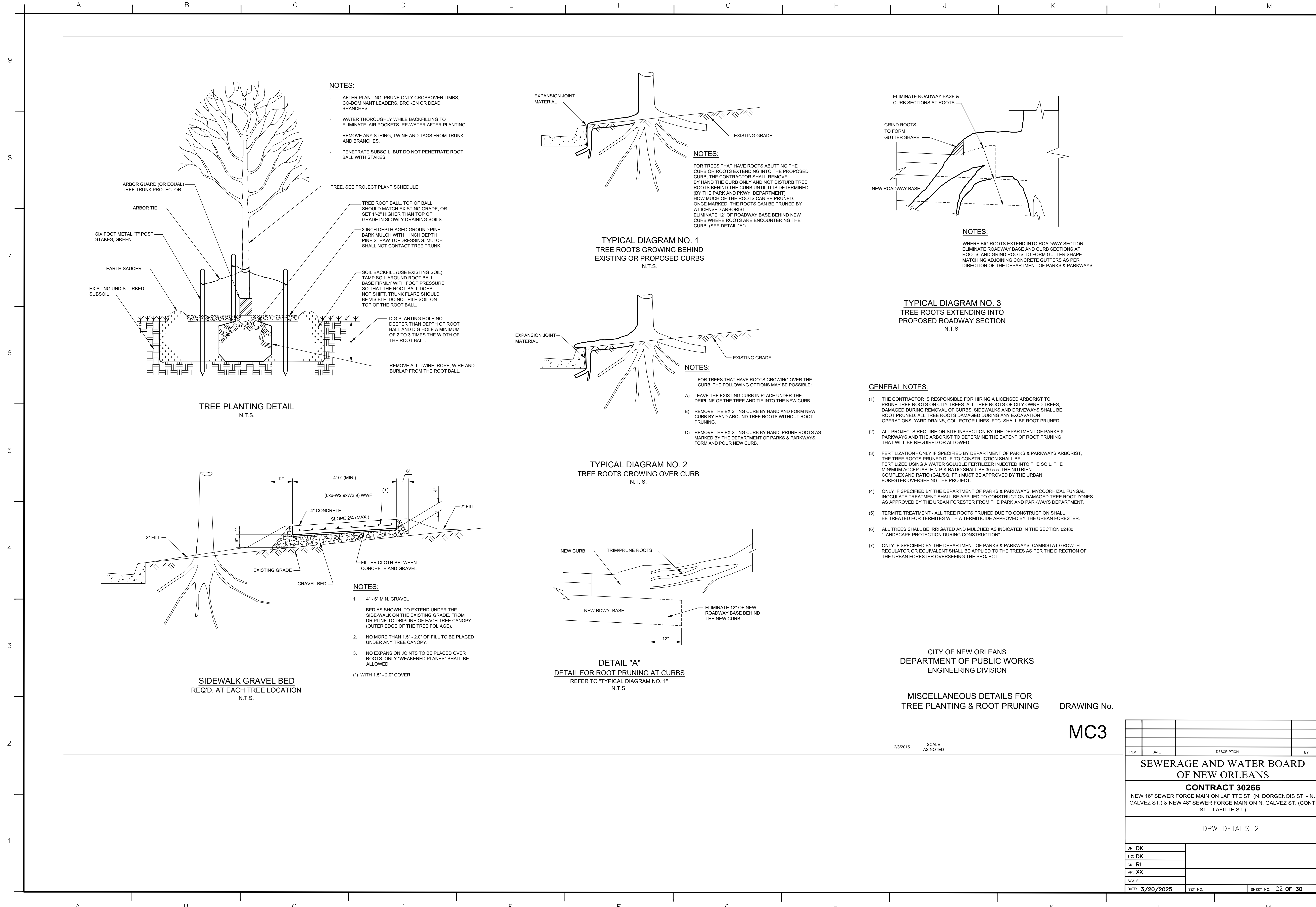


ASPHALT PAVEMENT

Restoration of asphalt pavements. (Section 146-455 of the City Code) NOTE: The language in this section III references language in section 146-455 of the City Code that is not consistent.

- A. On streets having an asphalt pavement, the existing pavement shall be saw cut and removed in a manner that does not damage the base that is to remain in place, for a distance of at least 12 inches on each side of the width of the trench and 12 inches at each end thereof.
- B. In addition to the full-depth restoration of the utility service cut, the street's wearing surface to a minimum depth of 2-1/2 inches shall be removed and replaced on the entire street block, as measured from beginning of intersection to the beginning of intersection, as part of the pavement restoration, unless otherwise approved/directed by the DPW Director, if:
- 1) The roadway pavement and one or more major utility lines (water, sewer, drainage) have been constructed or reconstructed within the last 5 years (3 years, if the roadway was only resurfaced) and the service cut and subsequent pavement restoration runs for more than 100 linear feet along the length of the block or covers 25% or more of the pavement surface area of the block;
 - 2) The service cut and subsequent pavement restoration runs for more than 150 linear feet along the length of the block or covers 50% or more of the pavement surface area of the block, regardless of the age of the pavement; or
 - 3) For purposes of this determination, the restoration of more than one separate cut made within a 12-month period shall be considered as one combined restoration effort.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 1			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 21 OF 30	



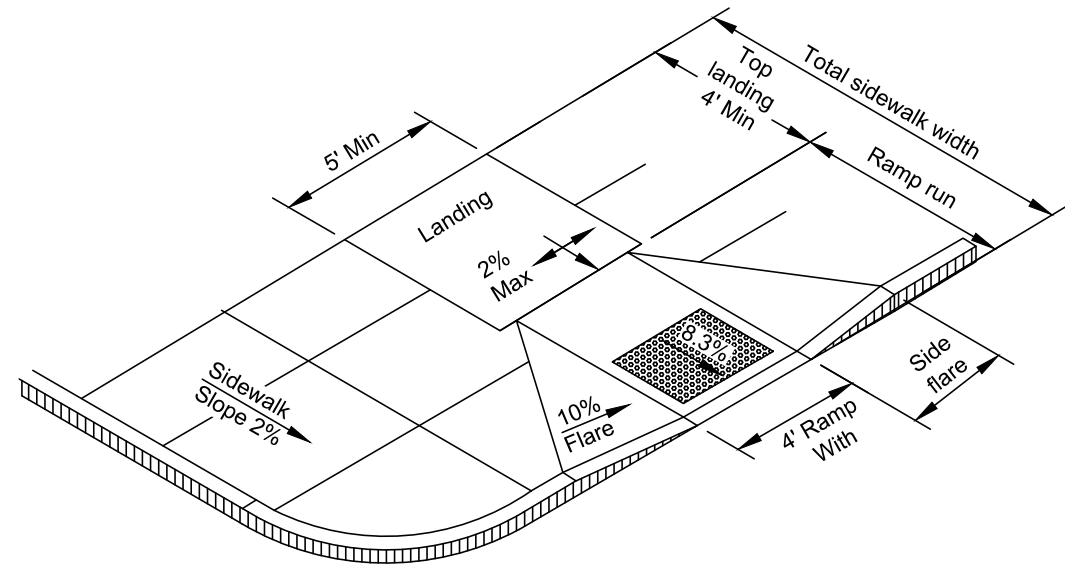
CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

MISCELLANEOUS DETAILS FOR
TREE PLANTING & ROOT PRUNING

DRAWING No. MC3

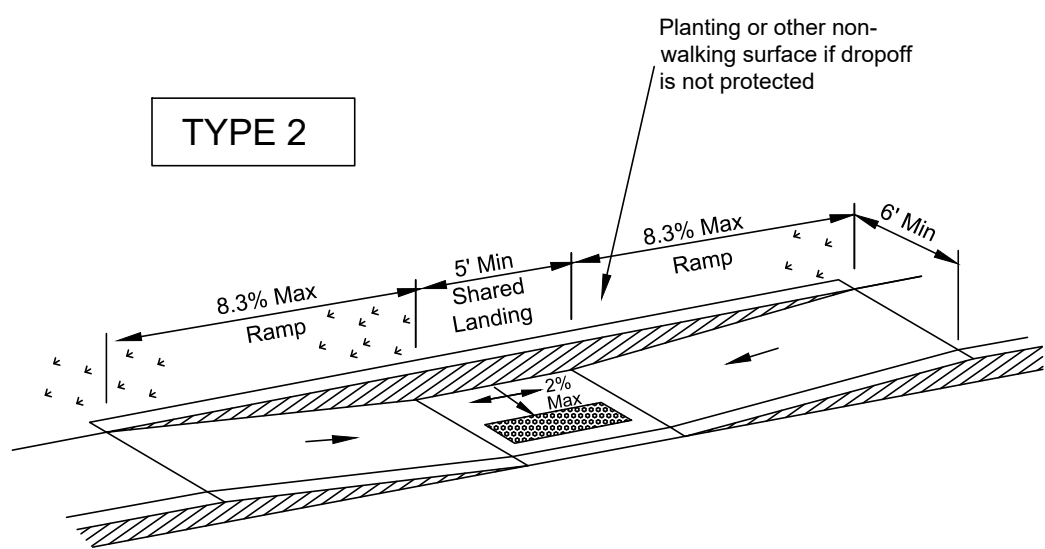
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 2			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 22 OF 30	

TYPE 1

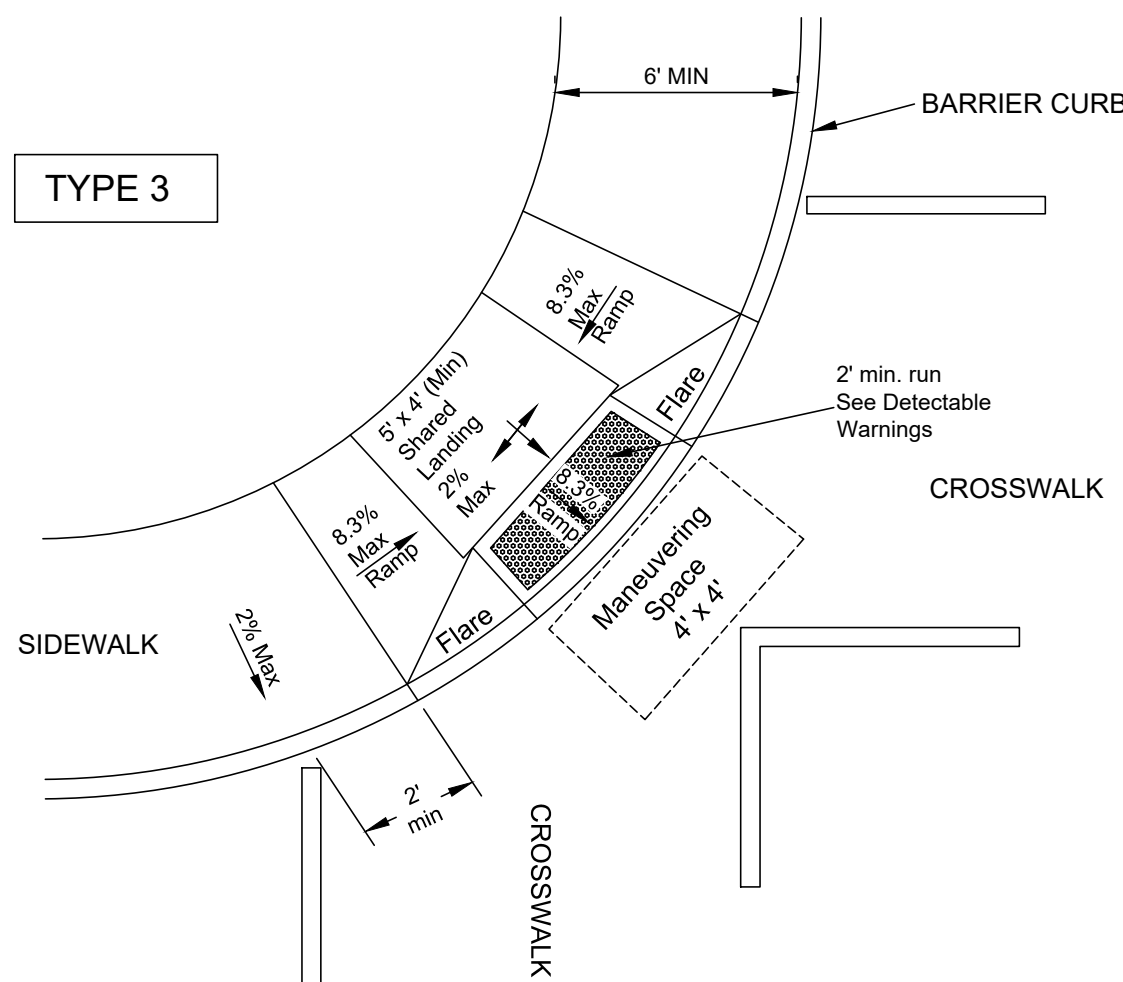


PERPENDICULAR CURB RAMP

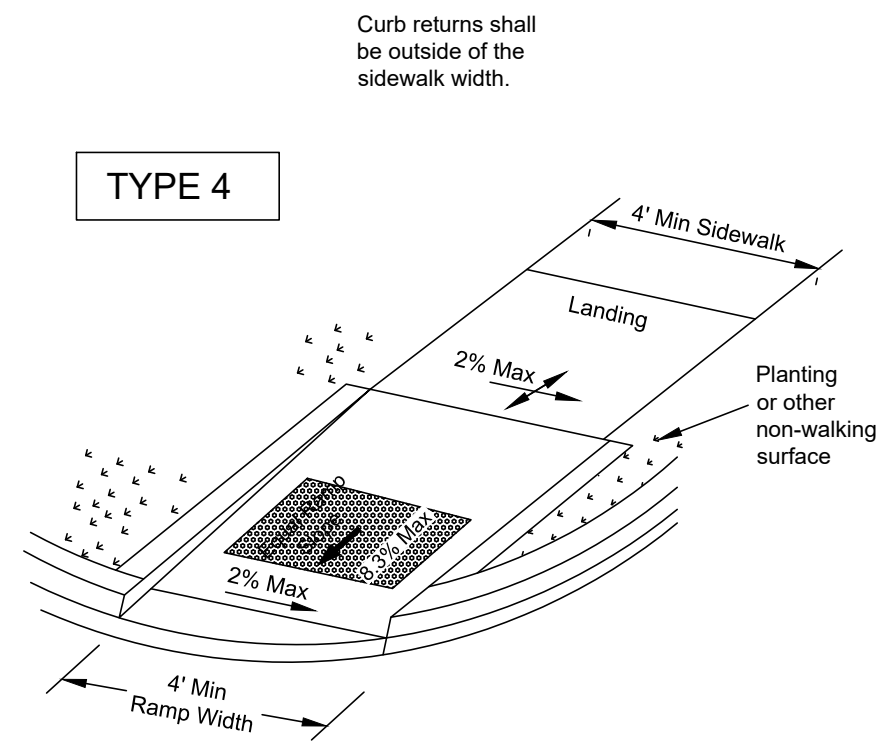
TYPE 2

PARALLEL CURB RAMP
(Use only where water will not pond in the landing)

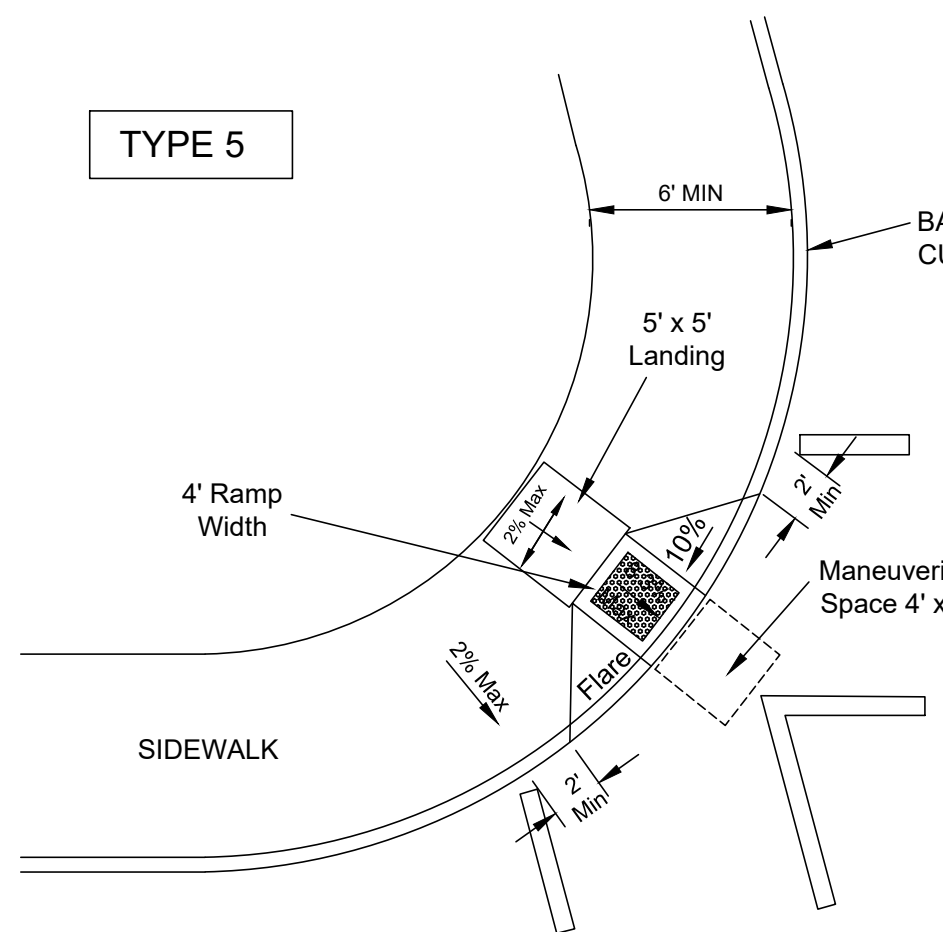
TYPE 3

DIAGONAL COMBINATION CURB RAMP
Perpendicular to the Tangent of the Curb
Radius and Contained in Crosswalk

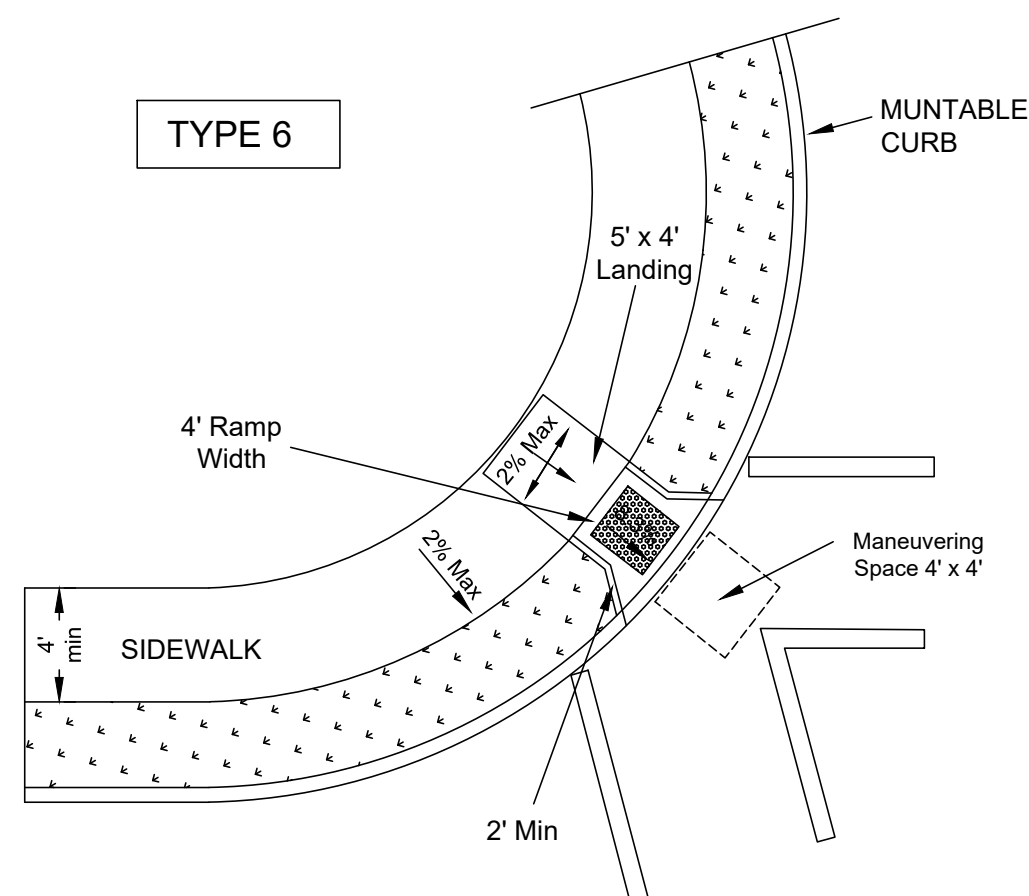
TYPE 4

DIRECTIONAL RAMP WITHIN RADIUS
(Sidewalk set back from curb)

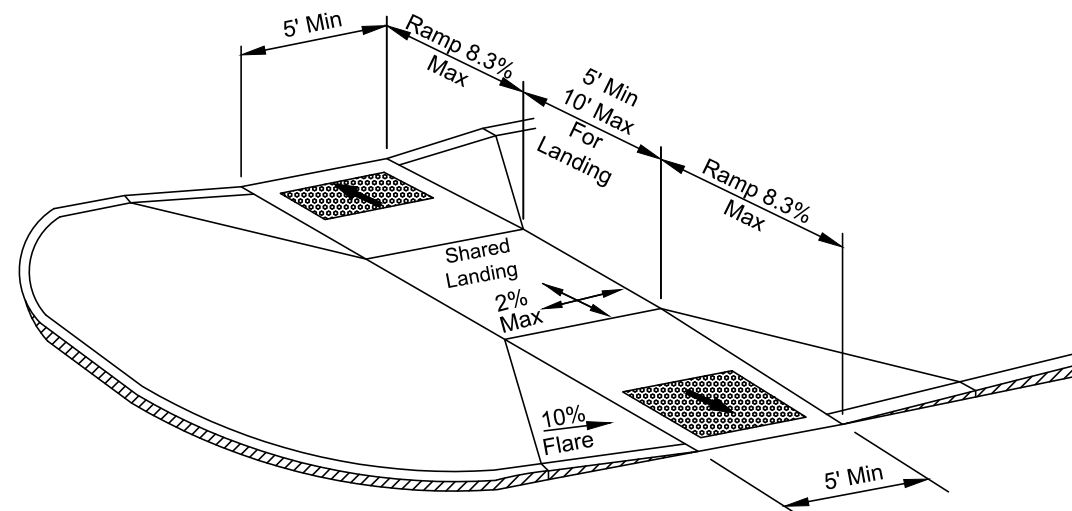
TYPE 5

DIAGONAL CURB RAMP (FLARED SIDES)
(PERMISSION FROM CHIEF ENGINEER REQ'D)

TYPE 6

DIAGONAL CURB RAMP (RETURNED CURB)
(PERMISSION FROM CHIEF ENGINEER REQ'D)

TYPE 7

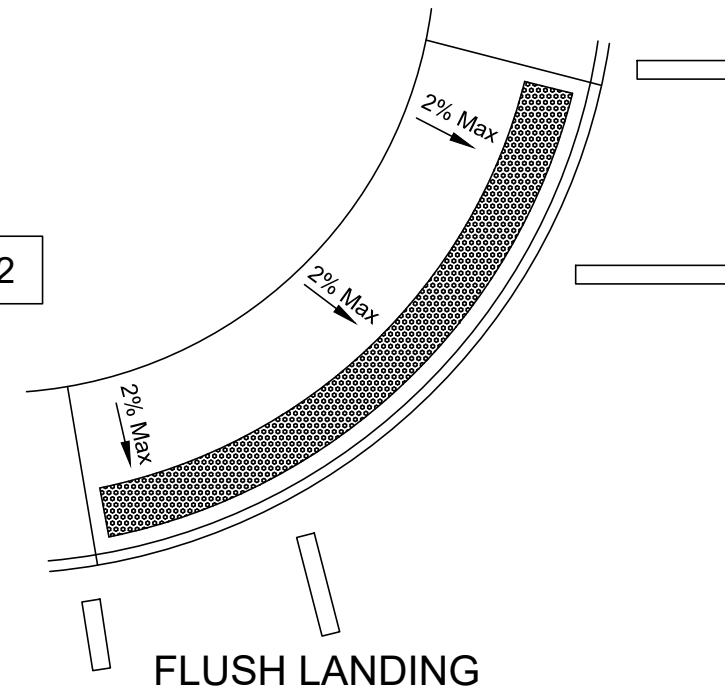


CURB RAMPS AT MEDIAN ISLANDS

TYPE 8

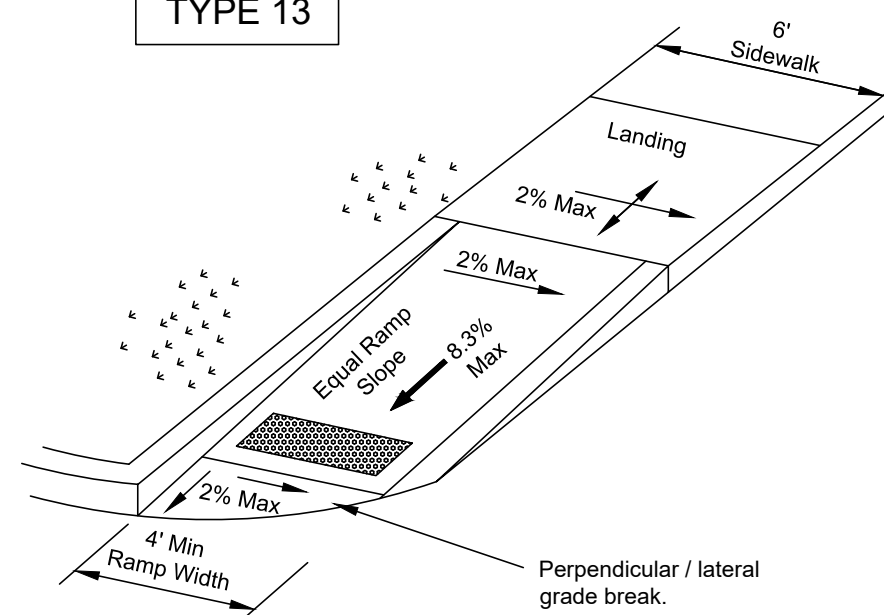
Detectable warning to be located at Face of Curb for Type 8

TYPE 12

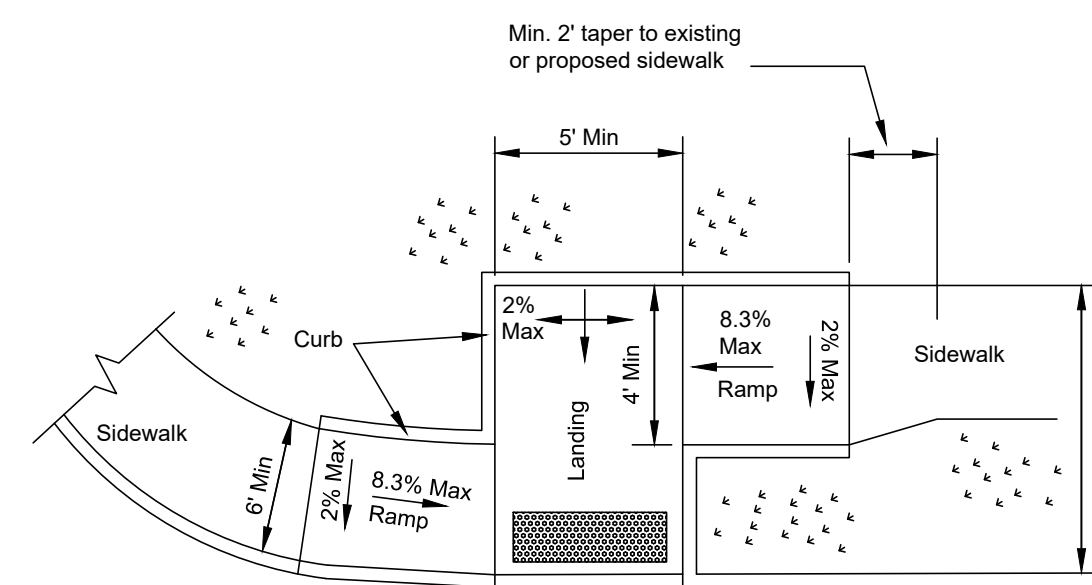


FLUSH LANDING

TYPE 13

DIRECTIONAL RAMP WITHIN RADIUS
(Sidewalk adjacent to curb)

TYPE 14



OFFSET PARALLEL CURB RAMP

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISIONCURB RAMPS
FOR
STREET CONSTRUCTION

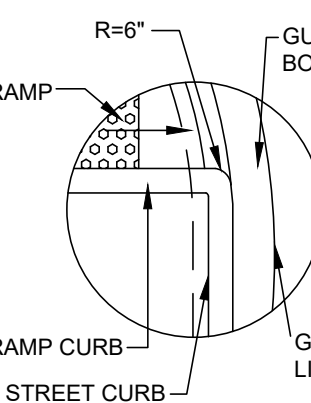
DRAWING No.

ADA1

2/3/2015 SCALE AS NOTED

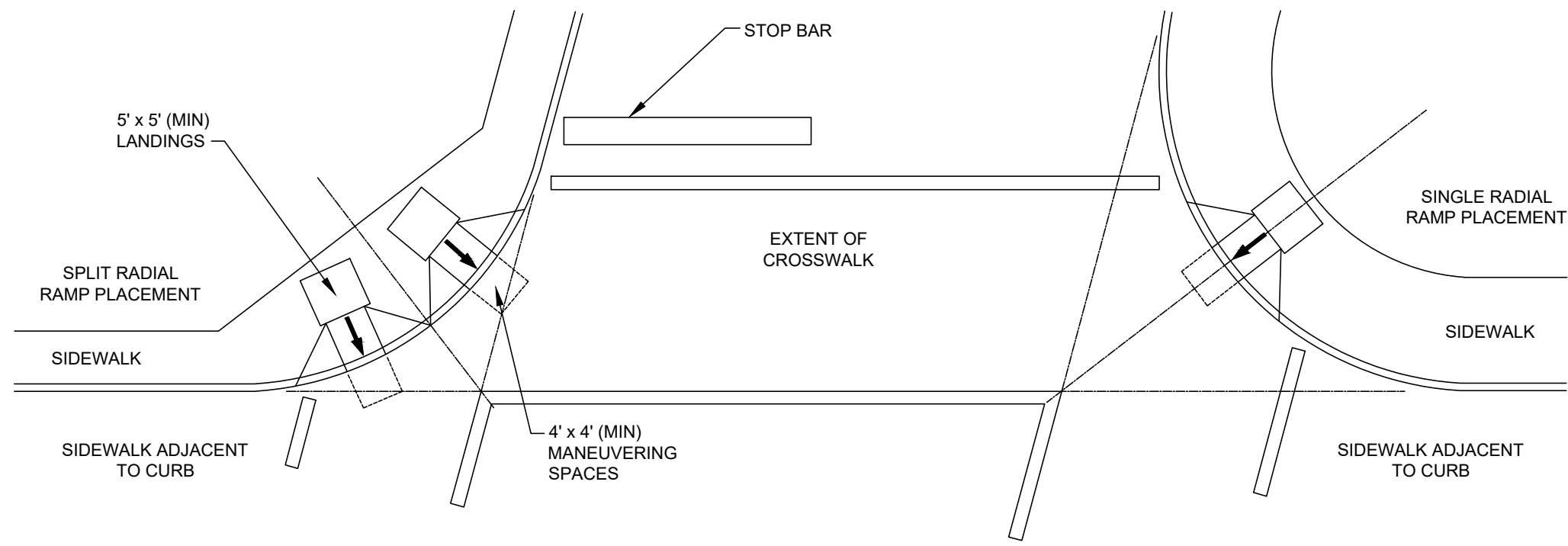
NOTES:

1. See General Notes on sheet ADA2 for more information.
2. Cross slope not to exceed 2% on any portion of ramp or transition to street.

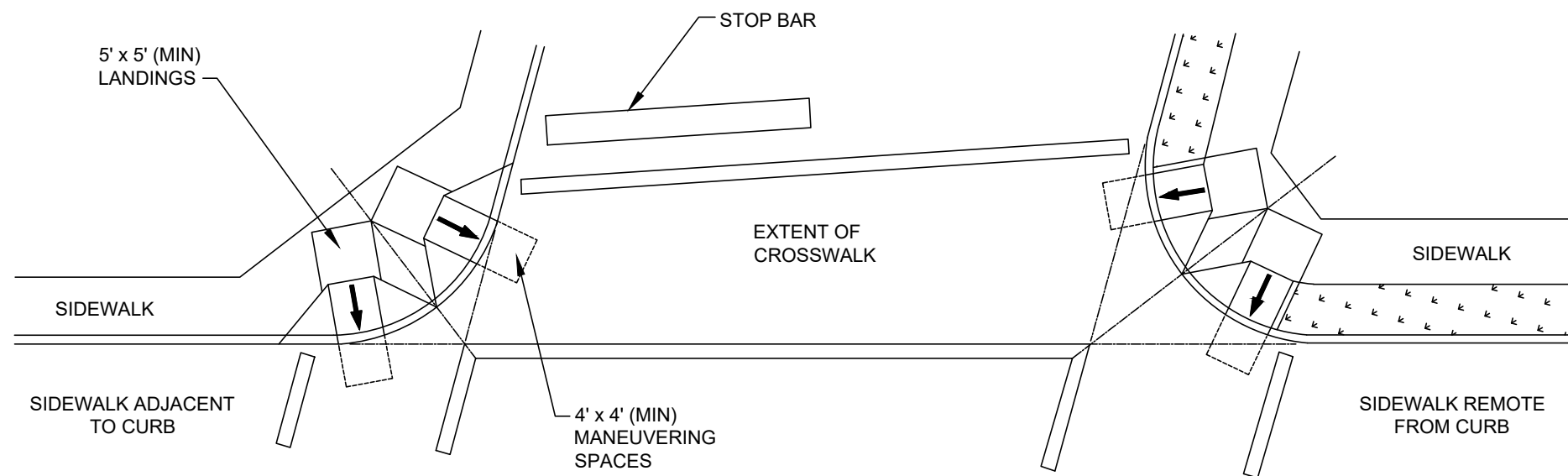
CURB RADIUS
DETAIL
N.T.S.

Denotes planting or non-walking surface.

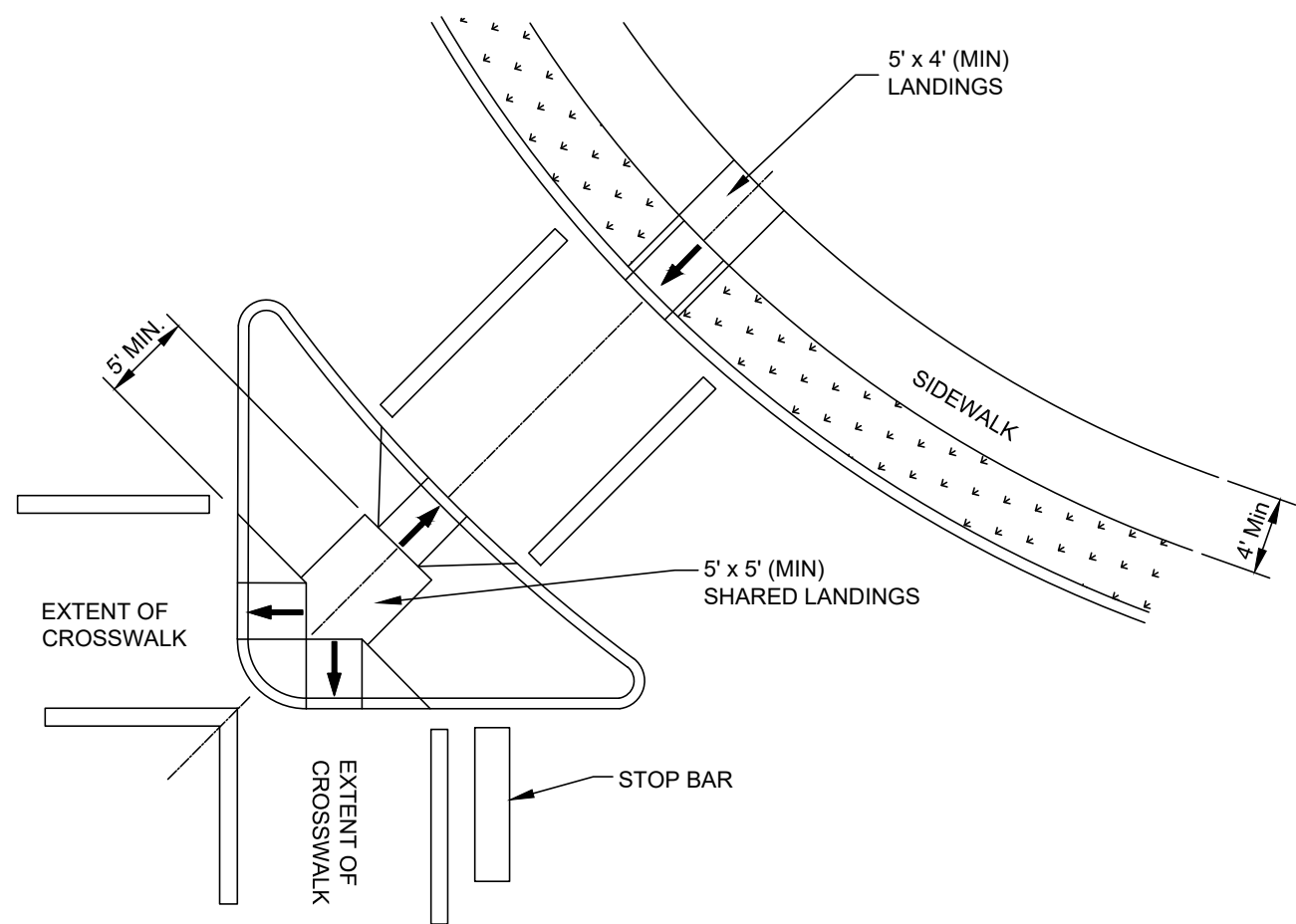
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 3			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025			
SET NO.			SHEET NO. 23 OF 30



SKewed INTERSECTION WITH "LARGE" RADIUS



SKewed INTERSECTION WITH "SMALL" RADIUS



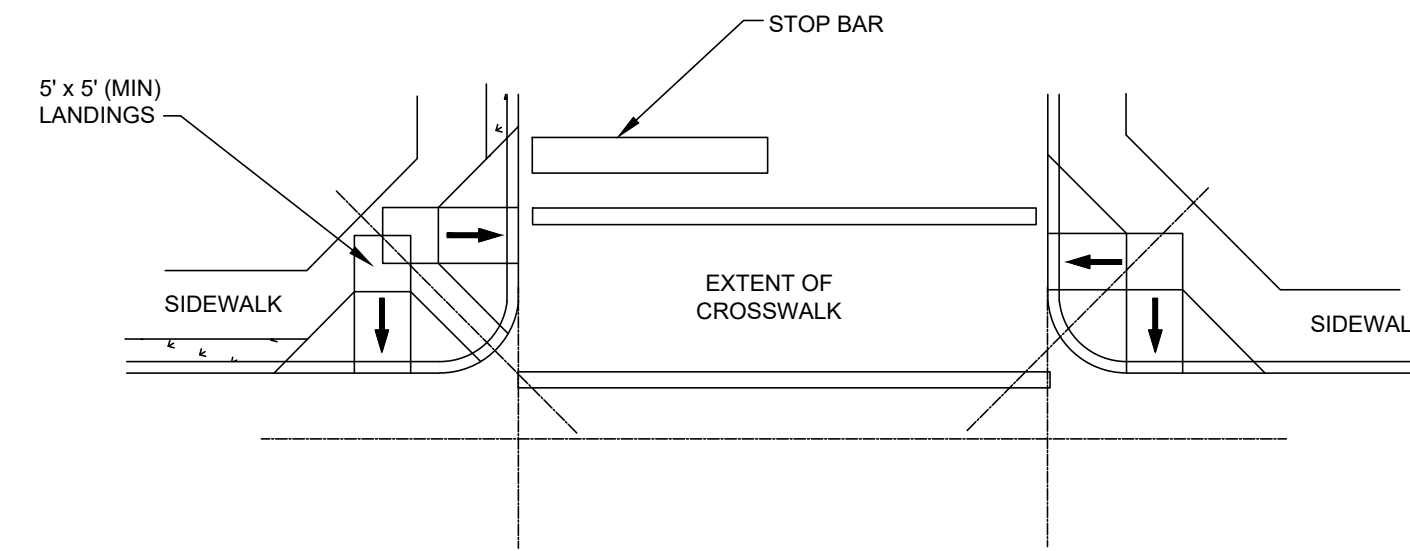
AT INTERSECTION
W/FREE RIGHT TURN & ISLAND

General Note:

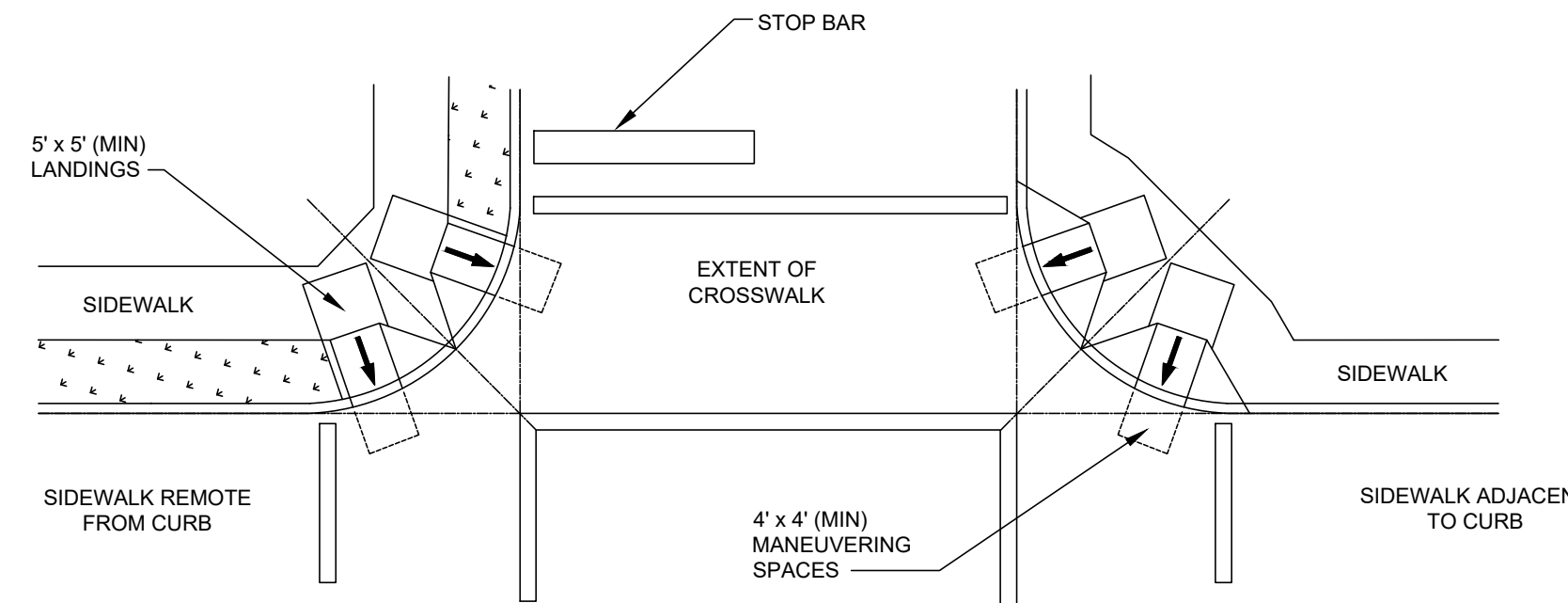
Ramps are shown here without detectable warnings for simplicity. Detectable warnings are required at the locations shown on Sheet ADA1 and in accordance with the details shown elsewhere herein below.

Striping (Crosswalk and stop bars) is shown for reference only.

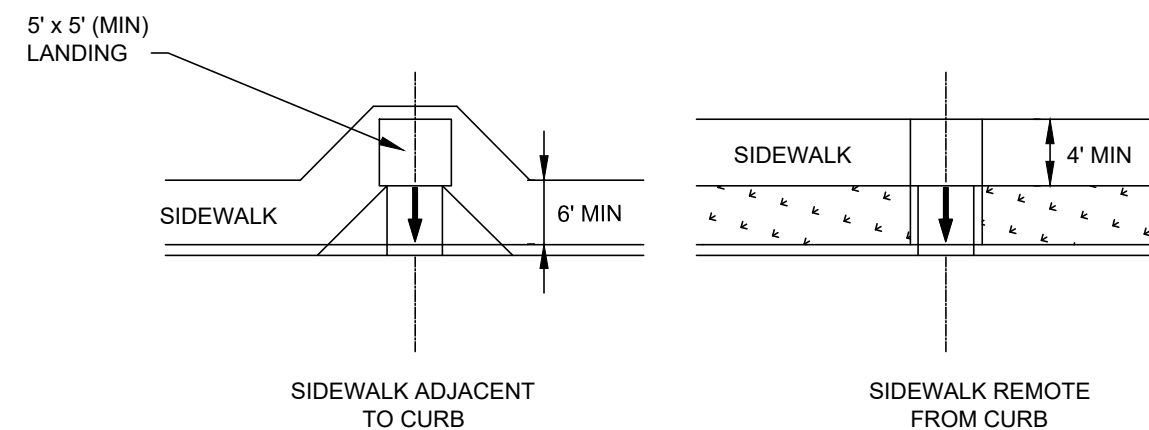
See PM1 for Striping Layout.



NORMAL INTERSECTION



MID-BLOCK PLACEMENT
PERPENDICULAR RAMPS



CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

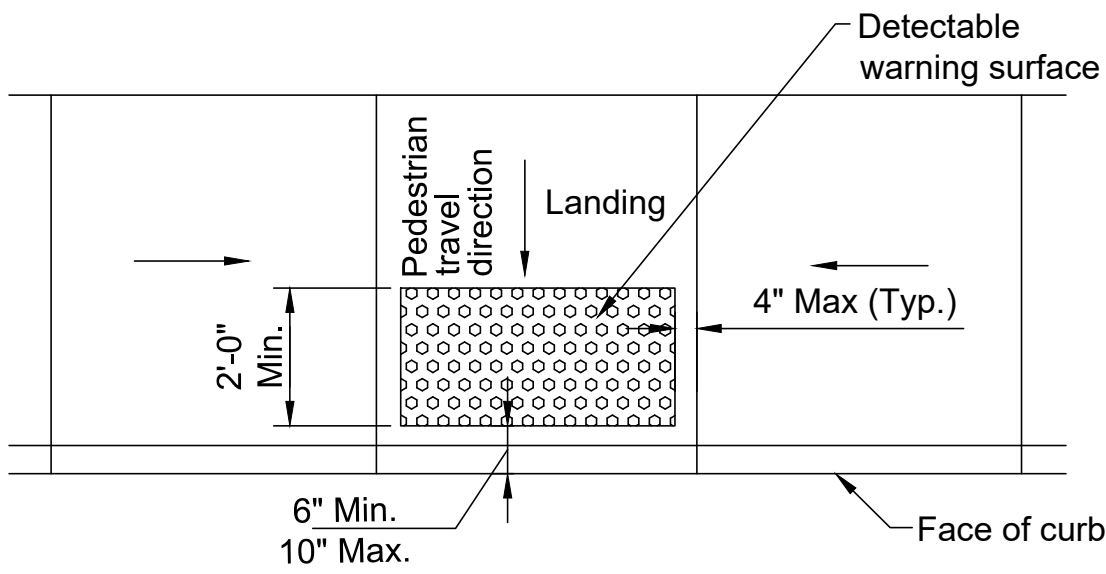
INTERSECTION LAYOUT
FOR
STREET CONSTRUCTION

DRAWING No.

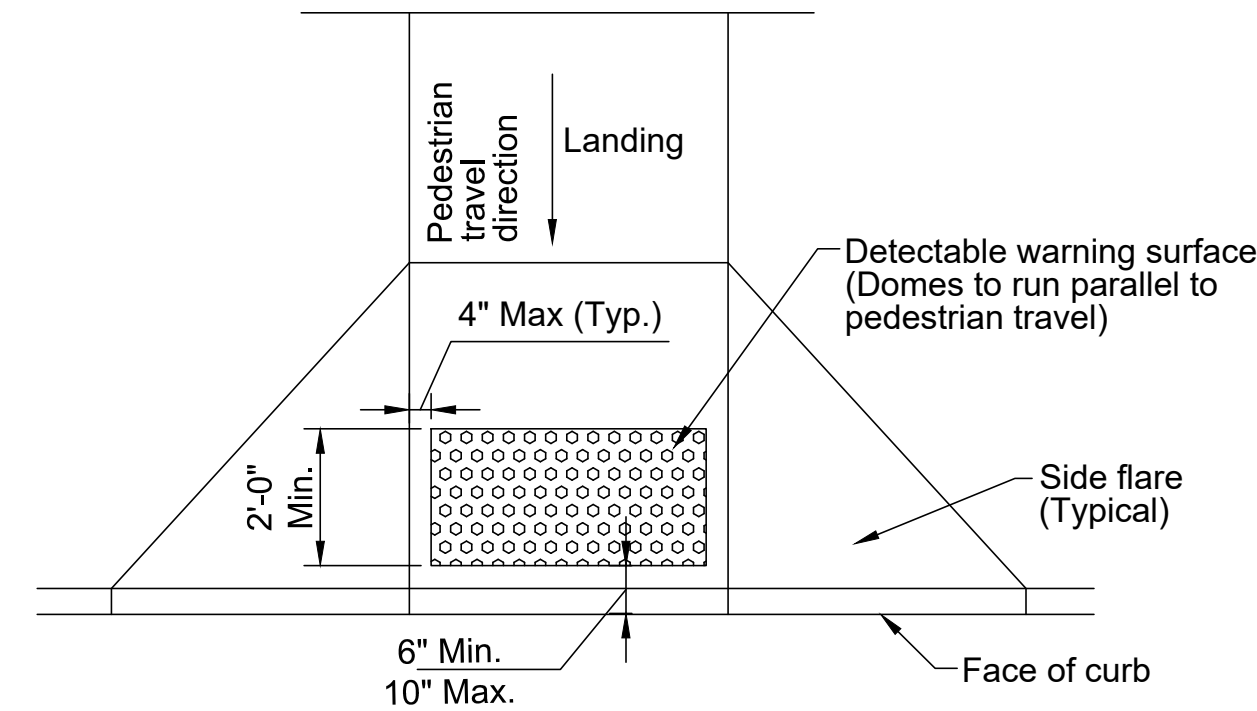
ADA3

2/3/2015 SCALE AS NOTED

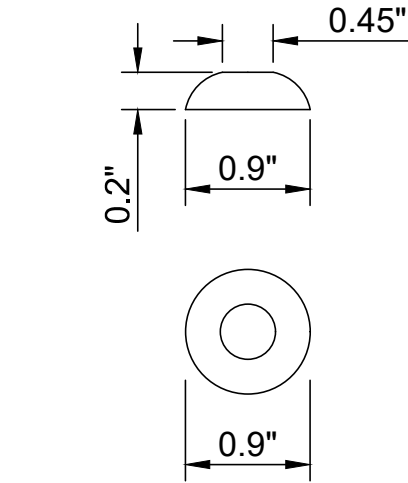
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 4			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025			
SET NO.		SHEET NO.	24 OF 30



Typical placement of detectable warning surface on landing at street edge.

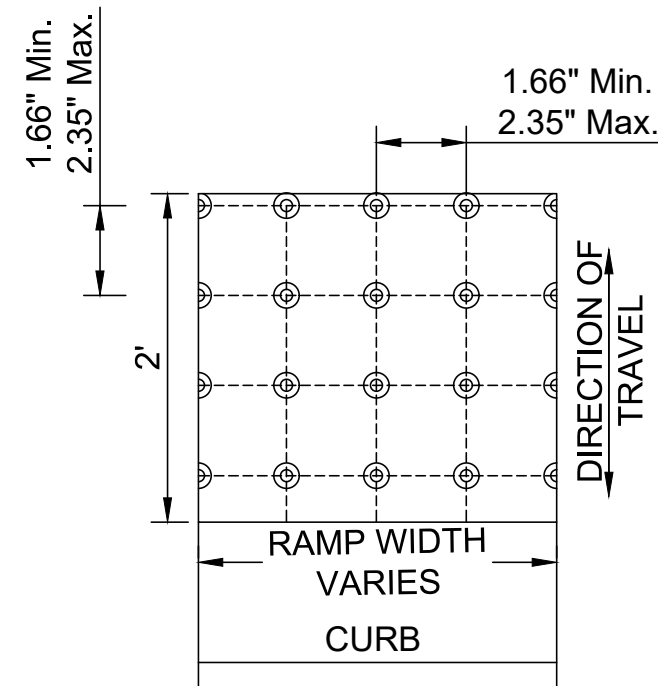


Typical placement of detectable warning surface on sloping ramp run.

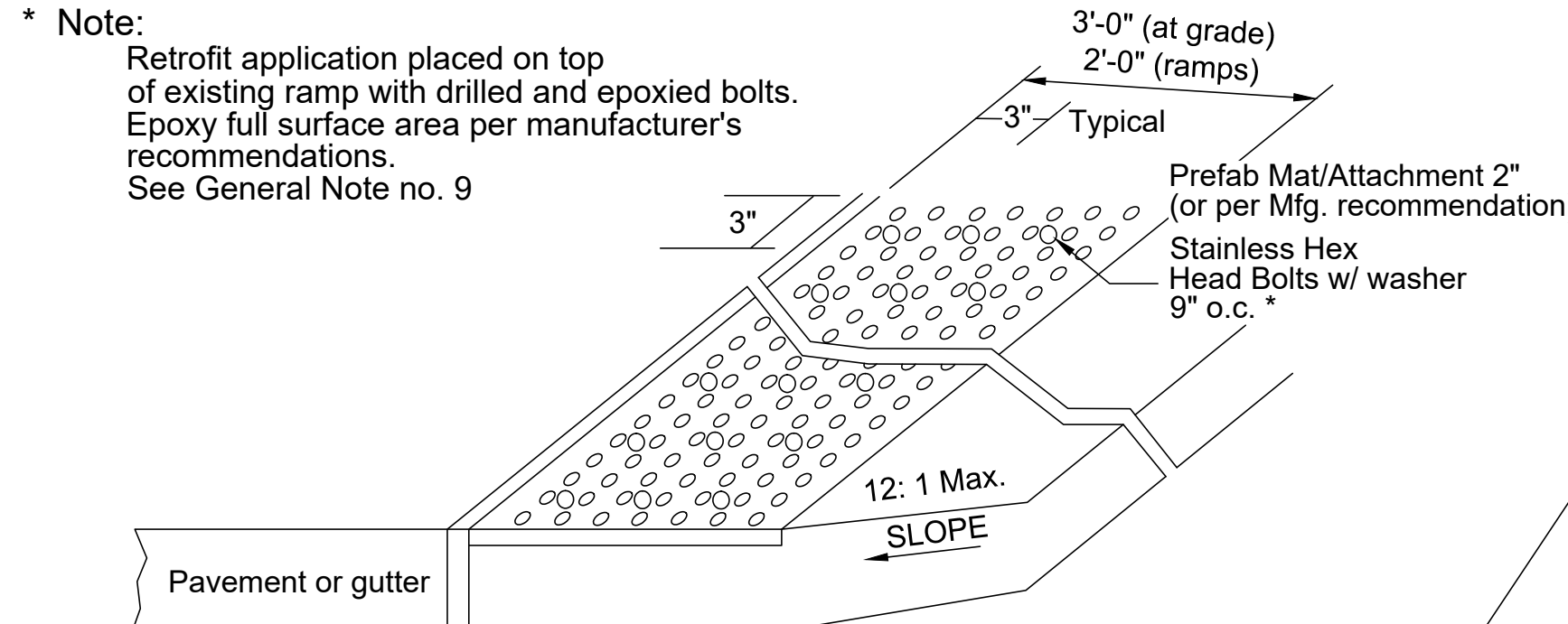


TRUNCATED DOME
DETAIL

Note:
Place truncated domes detectable warning texture in the lower 2' of throat of ramp only and a 3' wide pattern at "at-grade" sidewalk intersections with roadways. Domes shall be arranged in a square in-line pattern only as shown.



TRUNCATED DOME TEXTURE PATTERN
DETAIL

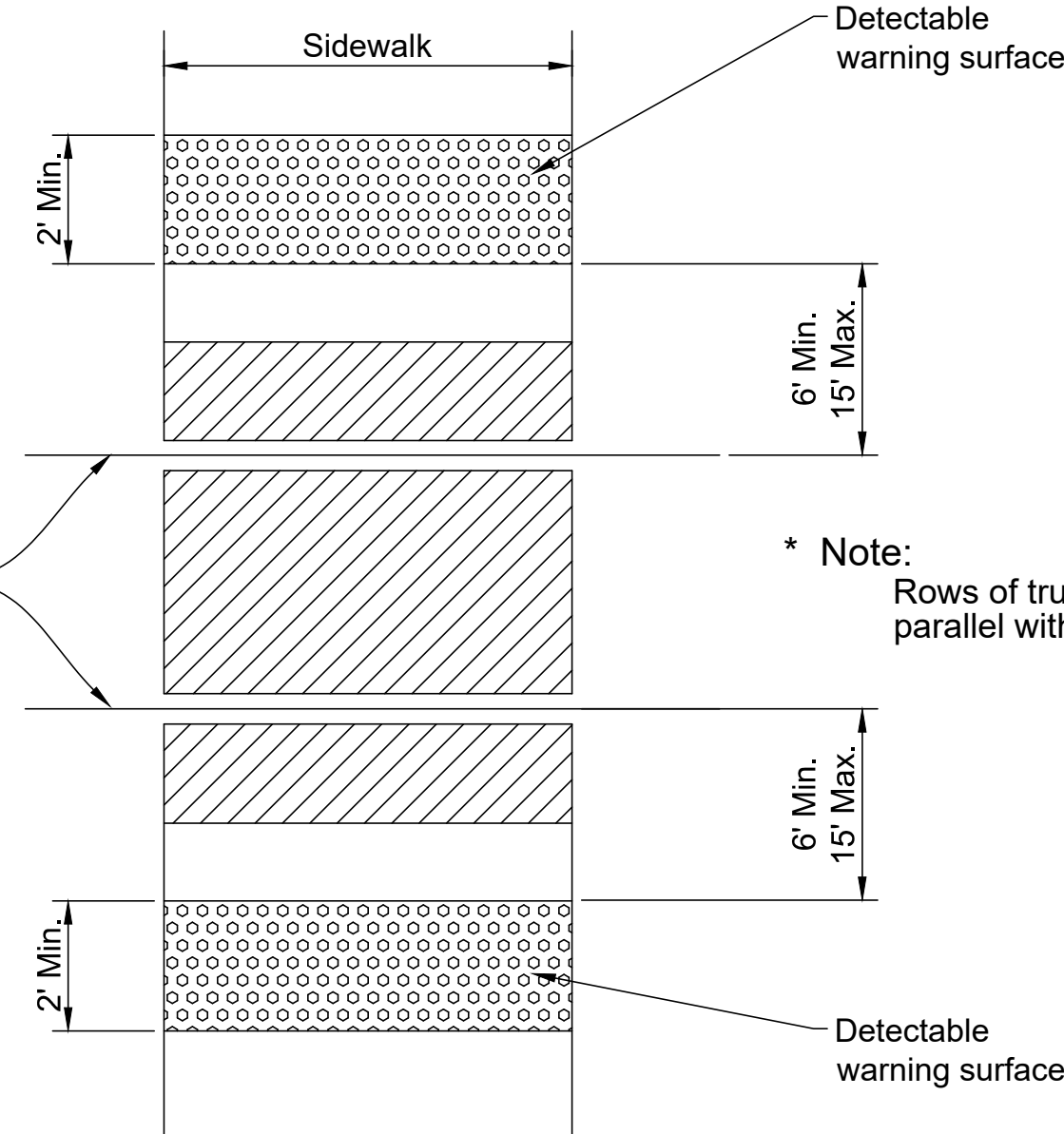


PREFABRICATED MAT OPTION
(INLAID)

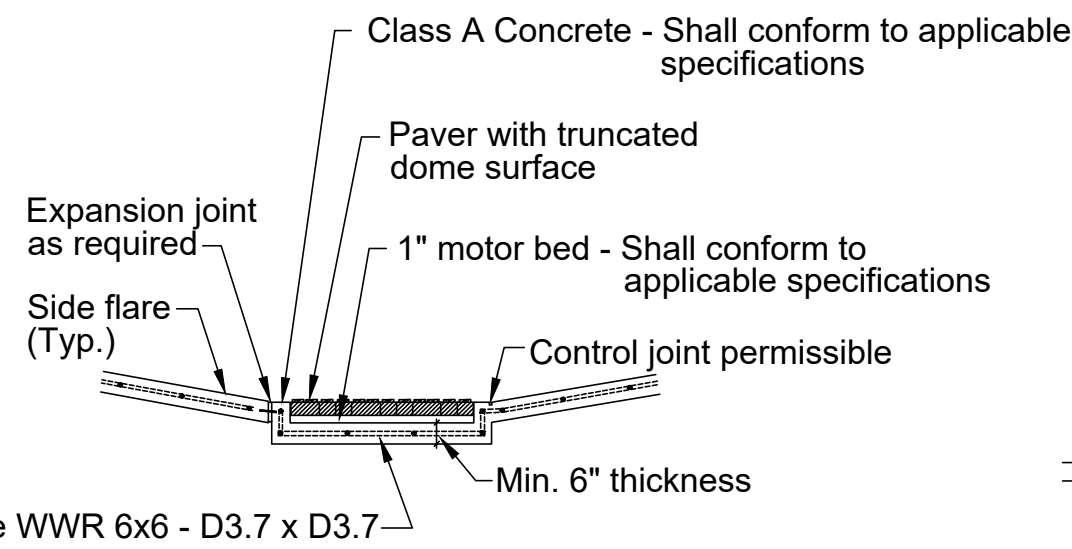
Expansion material
Pavement or gutter

Detectable Warnings General Notes

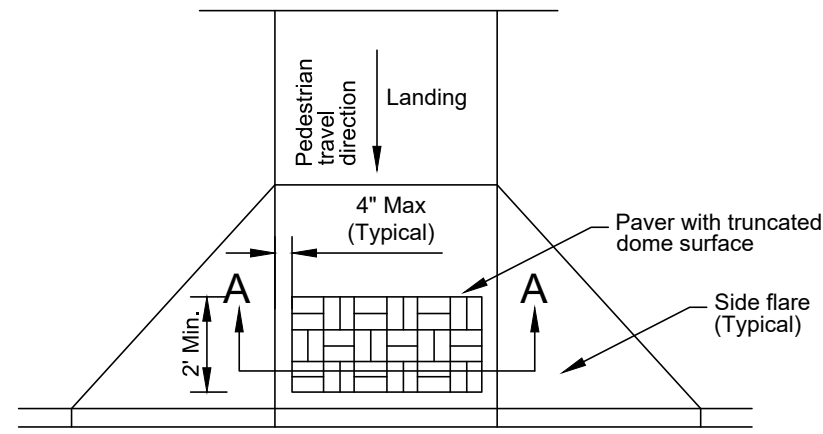
- For PROWAG compliance, detectable warning surfaces must be provided on all pedestrian curb ramps, medians and pedestrian refuge islands, railroad crossings and at grade sidewalk intersections with roadways.
- Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with ADA guidelines. The surface must contrast visually with adjoining surfaces, including side flares, in accordance with applicable sections of the Standard Specifications. Color for detectable warning surface shall be gray unless otherwise specified in the plans or by the project engineer.
- Detectable warning surfaces must be slip resistant and not allow water to accumulate.
- Align truncated domes in the direction of pedestrian travel when entering the street.
- Detectable warning surfaces shall be a minimum of 24" in depth in the direction of pedestrian travel and extend the full width of the throat of the curb ramp or landing where the pedestrian access route enters the street.
- Detectable warning surfaces shall be located so that the edge nearest the curb line is a minimum of 6" and maximum of 10" from the extension of the face of curb. Detectable warning surfaces may be curved along the corner radius. On flush median openings or depressed corners, truncated domes to be located along face of curb.
- Detectable warning surfaces (truncated domes) may be stamped, constructed of brick pavers or inlaid prefabricated mats attached by epoxy adhesive and mechanical attachment.
- For stamped applications, the detectable warning surface will be stamped and stained in accordance with manufacturer's recommendations. However, the following criteria shall be used for the concrete mix design in the overall construction of handicap ramps:
 - Average compressive strength: 4000 psi
 - Aggregate gradation: Type B pavement gradation
 - Minimum cement content: 600 pounds per cubic yard
 - Maximum water / cement ratio: 0.40
 - Total air content: 5% (+/- 2%)
 - Maximum slump: 6 inches
 - Curing: The exposed plain concrete (non-color stained concrete) surface should have a white pigment curing compound applied in such a manner that the surface and any exposed sides are evenly and uniformly covered to resemble a white sheet of paper. In no case should the application of curing compound be less than 1 gallon per 100 square feet.
- Any retrofit application must have beveled edges on the sides with approach pedestrian traffic.
- Where the ends of the bottom grade break are behind the back of curb and distance from either end of the bottom grade break to the back of curb is more than 5' -0", detectable warning surfaces shall be placed on the lower landing at the back of curb.



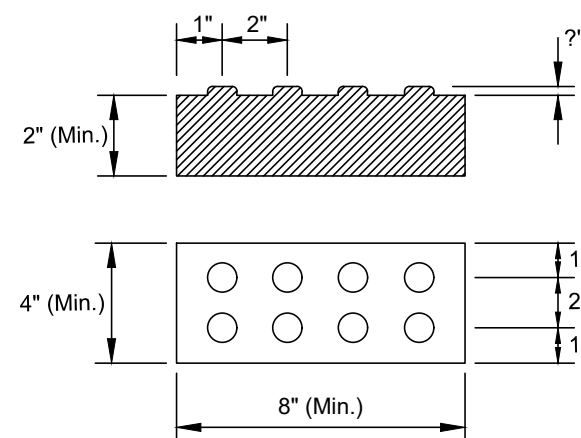
LOCATION OF DETECTABLE SURFACE
AT RAILROAD CROSSINGS



Section A - A



TYPE A
Truncated Dome Pattern Curb Ramp
DETECTABLE WARNINGS
(Paver Option)



Paver with truncated
dome surface

General Notes for Paver Option

Paver units shall meet all requirements of the applicable ASTM standards. appropriate for size paver used. 4" x 8" pavers shall be laid out in a 2 x 2 basket weave pattern. 12' x 12" pavers shall be laid out in a block pattern.

Paver units shall have a truncated dome top surface for detectable warning to pedestrians.

Paver units shall be saw cut only and any cut unit shall not be less than 25 percent of a full unit.

Truncated Dome System shall be paid for in accordance with the applicable sections of the Standard Specifications.

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

CURB RAMPS
FOR
STREET CONSTRUCTION

DRAWING No.

ADA4

2/3/2015 SCALE
AS NOTED

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 5			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 25 OF 30	



APPLICATION



TYPICAL GORE MARKINGS
FOR ONE-WAY AND TWO-WAY STREETS



TYPICAL APPLICATION OF PAVEMENT MARKINGS

DRAWING No.

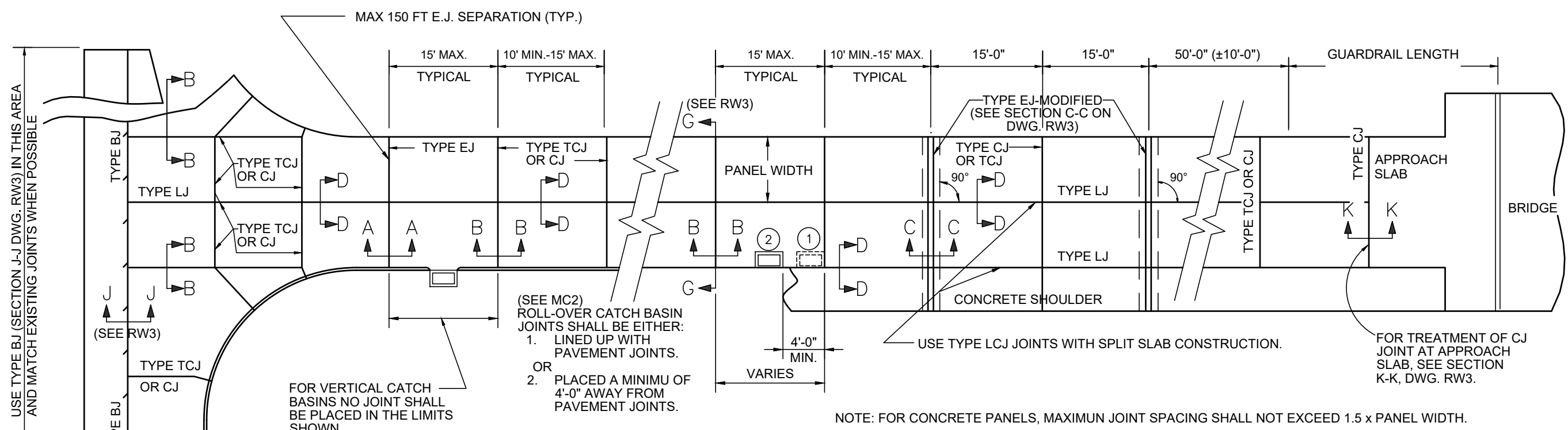
PM1

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

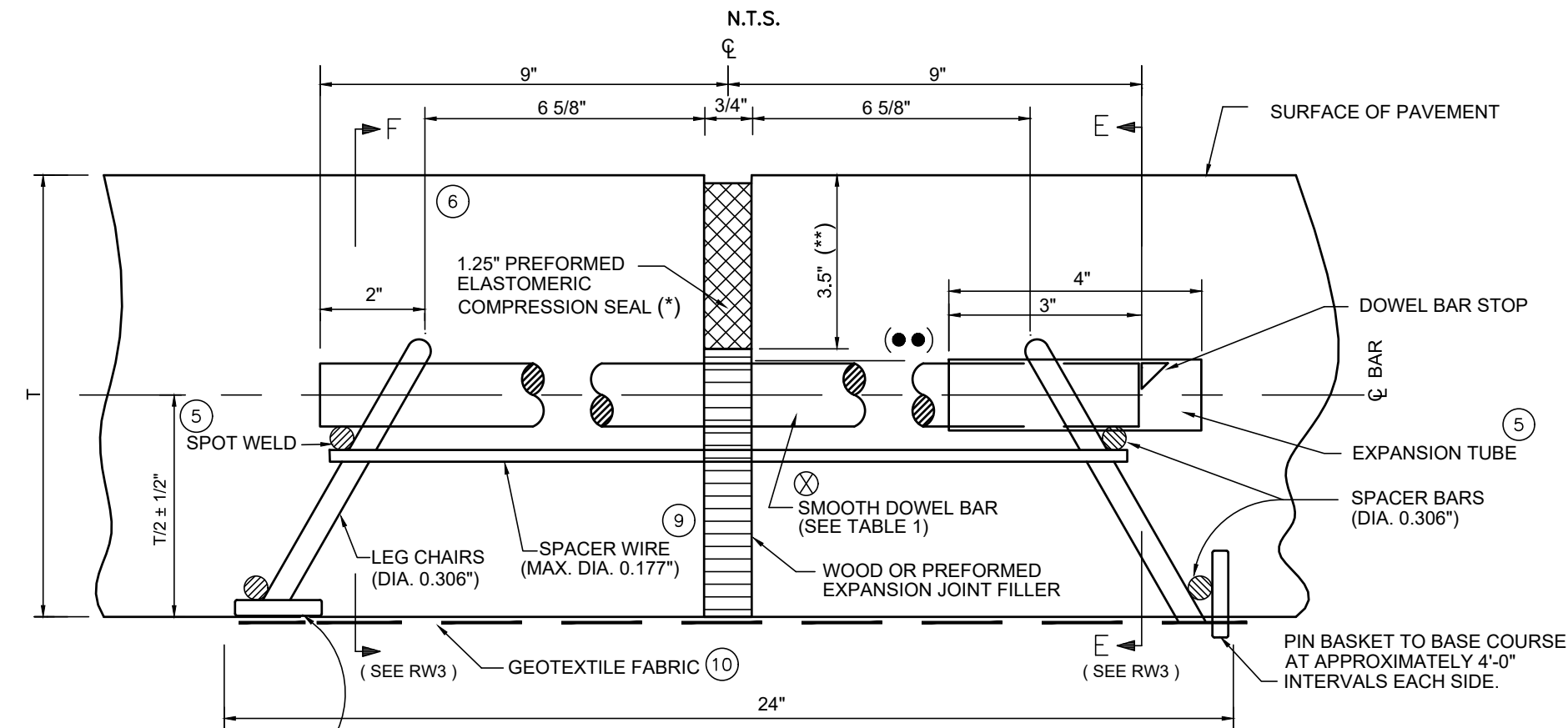
CONTRACT 30266
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTRACT 30265 - LAFITTE ST.)

DPW DETAILS 6

DR: DK		
TRC: DK		
CK: RI		
AP: XX		
SCALE:		
DATE: 3/20/2025	SET NO.	SHEET NO. 26 OF 30

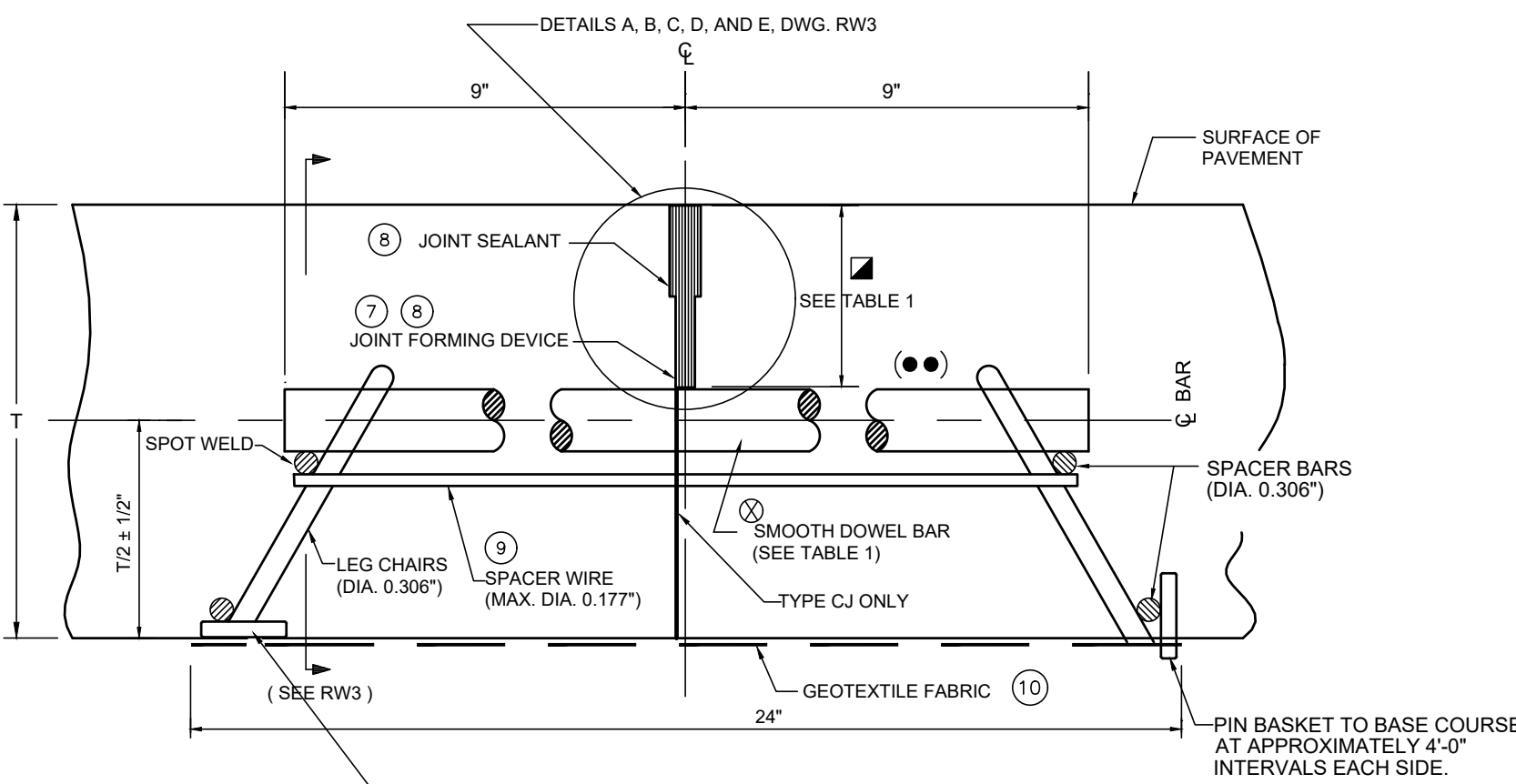


PLAN VIEW OF TYPICAL ROADWAY SHOWING JOINTS



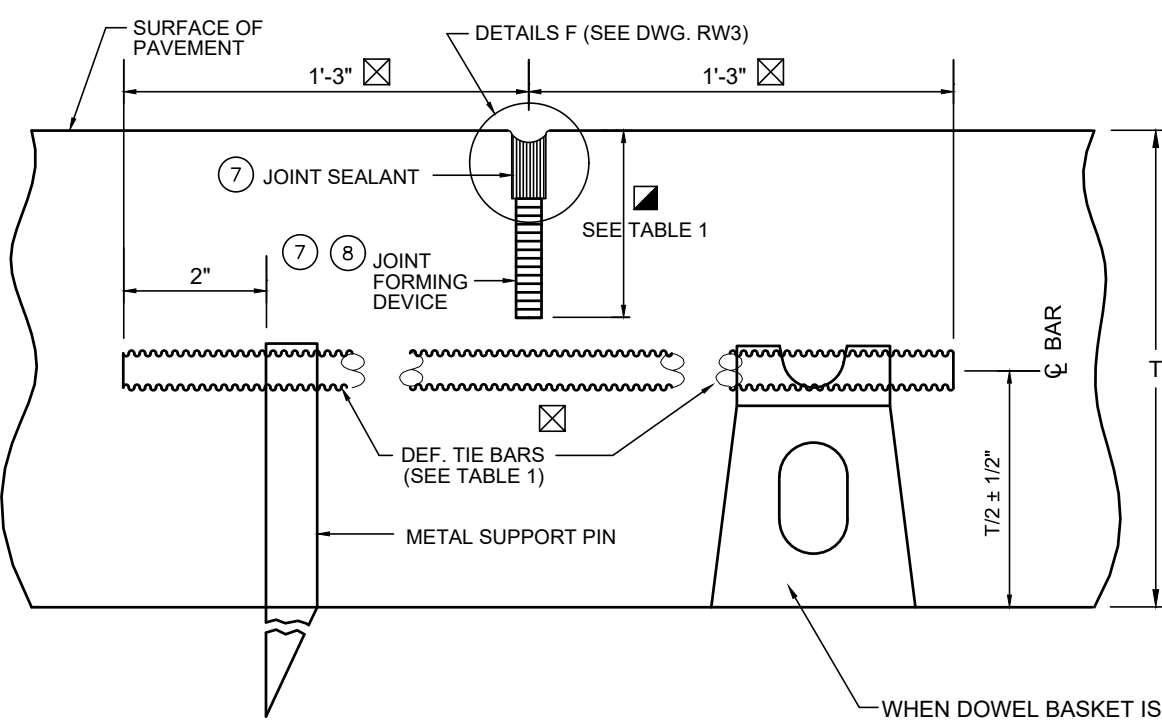
SECTION A-A
TYPE EJ (12)
(TRANSVERSE EXPANSION JOINT)

(*) APPROVED SILICONE JOINT SEALANT WITH BACKER MATERIAL IS OPTIONAL.
(**) 3" FOR 8" PAVEMENT
(•••) THIS HALF OF DOWEL SHALL BE GREASED.



SECTION B-B
TYPE TCJ OR CJ
(TRANSVERSE CONTRACTION JOINT OR TRANSVERSE CONSTRUCTION JOINT)

(••) ALTERNATE ENDS THAT ARE NOT WELDED SHALL BE GREASED.

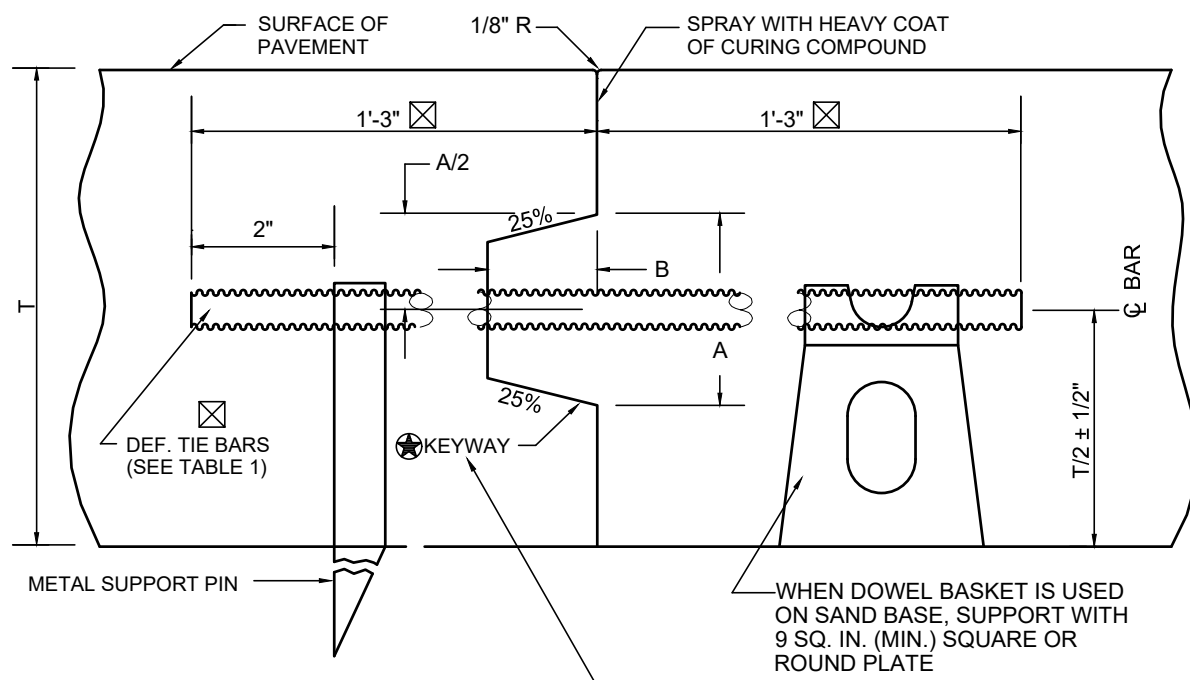


SECTION D-D
TYPE LJ
(LONGITUDINAL JOINT)
(REQUIRED WHEN PAVEMENT WIDTH EXCEEDS 15')

N.T.S.

TABLE 1 (ALL DIMENSIONS IN INCHES)										
PAVEMENT THICKNESS T	SMOOTH DOWEL BARS			DEF. TIE BARS			MINIMUM DEPTH OF JOINT		KEYWAY	
	SIZE	LENGTH	SPACING	SIZE	LENGTH	SPACING	TCJ & CJ ±1/4"	LJ ±1/4"	A ±1/4"	B ±1/4"
7 OR LESS	1	18	12	1/2	24	24	2-1/2	2-1/2	ALLOW 7"	
8	1-1/4	18	12	1/2	24	24	3	3	2-1/2	1-1/4
9	1-1/4	18	12	1/2	24	24	3	3-1/2	2-1/2	1-1/4
10	1-1/2	18	12	1/2	24	24	3-1/2	4	2-1/2	1-1/4
11	1-1/2	18	12	5/8	30	24	3-1/2	4	2-1/2	1-1/4
12	1-1/2	18	12	5/8	30	24	4	4-1/2	3	1-1/2
13	1-1/2	18	12	5/8	30	24	4	4-1/2	3	1-1/2
14	1-1/2	18	12	5/8	30	24	4-1/2	5	3	1-1/2

⊗ FOR CONC. SHOULDERS, "T" IS THE THICKNESS AT PAVEMENT EDGE.



FOR KEYWAY DIMENSIONS A & B SEE TABLE 1. ⚙ KEYWAY UTILIZATION SHALL NOT BE ALLOWED FOR PAVEMENT THICKNESS LESS THAN 8". IN LIEU OF THE KEYWAY, ONE OF THE FOLLOWING OPTIONS WILL BE ALLOWED (FOR ALL CASES):
A. INSTALL TIE BARS OF THE SIZE SHOWN IN TABLE 1 AT 1/2 OF THE SPACING.
B. INSTALL TIE BARS HAVING DIAMETERS 1/4" LARGER THAN THE DIAMETERS SHOWN IN TABLE 1, AT THE SAME SPACING.

TYPE LCJ
(LONGITUDINAL CONSTRUCTION JOINT)

N.T.S.

GENERAL STREET CONSTRUCTION NOTES:

- PAVEMENT EDGES SHALL BE SLIGHTLY ROUNDED TO APPROXIMATELY 1/4".
- ASPHALTIC CONCRETE JOINING P.C.C.P. OR ASPHALTIC CONCRETE SHOULDER: THE ASPHALT JOINT SHALL BE SAW CUT AND CONSTRUCTED IN ACCORDANCE WITH SECTION H-I, DRAWING RW3.
- FOR SECTIONS C-G, E-E, F-F, G-G, H-H, I-I, J-J, AND K-K SEE DRAWING RW3.
- ALL JOINTS ARE TO BE USED WHERE SHOWN ON THIS SHEET OR AS SHOWN ELSEWHERE IN THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
- ON TYPE EJ JOINTS, SPOT WELD ALTERNATE ENDS OF DOWEL BARS TO DOWEL BASKETS AND PLACE EXPANSION TUBES ON FREE ENDS OF DOWEL BARS. (SECTION A-A)
- TYPE EJ JOINTS SHALL BE SEALED WITH PREFORMED ELASTOMERIC COMPRESSION JOINT SEALS CONFORMING TO SUBSECTION 1005.03 OF DOTD LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION. THE SEALS SHALL HAVE A NOMINAL WIDTH OF 1-1/4" BEFORE COMPRESSION. JOINTS SHALL BE CLEANED PRIOR TO SEALING.
- FOR DESIGN SPEEDS OF 45 MPH OR GREATER:
 - TYPE LJ JOINTS SHALL BE SAW CUT AND CONSTRUCTED AS IN DETAIL "F" DRAWING RW3. THE JOINT SHALL BE SAW CUT AND CLEANED PRIOR TO SEALING WITH A JOINT SEALANT CONFORMING TO SUBSECTION 1005.02(b) OR (c) OF THE AFOREMENTIONED DOTD SPECIFICATIONS.
 - TYPE TCJ OR CJ SHALL BE SAW CUT AS SHOWN IN DETAIL "C" OR "D" DRAWING RW3 AND TO THE DEPTH SHOWN IN TABLE 1. THE JOINT SHALL BE SAND BLASTED AND CLEANED IMMEDIATELY PRIOR TO SEALING. THE INITIAL CUT SHALL BE MADE WITH 1/8" MINIMUM BLADE. THE SEALANT SHALL BE A PREFORMED ELASTOMERIC SEAL IN ACCORDANCE WITH SUBSECTION 1005.03 OR A SILICONE SEALANT IN ACCORDANCE WITH SUBSECTION 1005.02(c) OF THE AFOREMENTIONED DOTD SPECIFICATIONS.
- FOR DESIGN SPEEDS OF LESS THAN 45 MPH:
 - TYPE LJ JOINTS SHALL BE SAW CUT AS DESCRIBED IN 7(A).
 - TYPE TCJ OR CJ SHALL BE CONSTRUCTED AS FOLLOWS:
 - CONSTRUCTED AS DESCRIBED IN 7(B).
 - WITH A REMOVABLE FORMING DEVICE AS SHOWN IN DETAILS "A" AND "B" DRAWING RW3. THE JOINT SHALL BE SAND BLASTED AND CLEANED IMMEDIATELY PRIOR TO SEALING AND MAY REQUIRE SAWING TO ACHIEVE PROPER RESERVOIR DIMENSIONS.
 - WITH A COMBINATION JOINT FORMER/SEALER AS SHOWN IN DETAIL "E" DRAWING RW3. THE SEALANT SHALL CONFORM TO SUBSECTION 1005.04 AND BE INSTALLED IN ACCORDANCE WITH SUBSECTION 601.09(c)(3) OF THE AFOREMENTIONED DOTD SPECIFICATIONS AND NO ADDITIONAL SEALANT IS REQUIRED.
- EXCEPT AS NOTED BELOW, DOWEL BARS & TIE BARS SHALL BE HELD IN PLACE BY SUPPORTS SIMILAR TO THE ONES SHOWN, OR APPROVED EQUALS. APPROVED MECHANICAL PLACEMENT OF DOWEL BARS AND TIE BARS WILL BE ALLOWED WITH ALL PAVING METHODS. WHEN DOWEL BAR BASKETS ARE USED, APPROXIMATELY THE CENTER 7" OF SPACER WIRES, THAT SPANS ACROSS THE JOINT, SHALL BE CLIPPED AND REMOVED AFTER STAKING BASKETS IN PLACE.
- WHEN CONSTRUCTING CONCRETE CURB AND GUTTER ADJACENT TO NEW P.C.C. PAVEMENT, USE TYPE LCJ JOINT. WHEN ADJACENT TO EXISTING P.C.C. PAVEMENT, USE TYPE LJ JOINT. THE FIRST LOAD TRANSFER DEVICE SHALL BE INSTALLED 18" FROM THE PAVEMENT EDGE.
- TRANSVERSE EXPANSION JOINTS SHALL NOT BE USED FOR CONSTRUCTION JOINTS.
- CONCRETE SHOULDERS:
 - CONSTRUCT TCJ JOINTS IN ACCORDANCE WITH SECTION B-B.
 - CONSTRUCT LCJ JOINTS IN ACCORDANCE WITH TYPE LCJ DETAIL ON THIS SHEET AND LJ JOINTS IN ACCORDANCE WITH SECTION D-D.
 - USE THE MAXIMUM SHOULDER THICKNESS WHEN DETERMINING DOWEL BAR AND TIE BAR SIZES IN TABLE 1.
 - WHEN SKEWED JOINTS ARE USED ON MAINLINE PAVING THE SHOULDER, TCJ JOINTS MAY BE SKEWED OR CONSTRUCTED AT 90°.
 - SHOULDER JOINTS AND JOINT MATERIALS WILL MATCH THE MAINLINE.
 - HEIGHT OF DOWEL BASKETS WILL BE BASED ON THE SHOULDER THICKNESS. ALSO VARYING HEIGHT DOWEL BASKETS WILL BE ALLOWED.
- TIE BARS SHALL NOT BE PLACED WITHIN 18" OF CONTRACTION OR EXPANSION JOINTS.
- FOR REINFORCED STEEL, SEE DOTD SPECIFICATIONS SECTION 1009

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

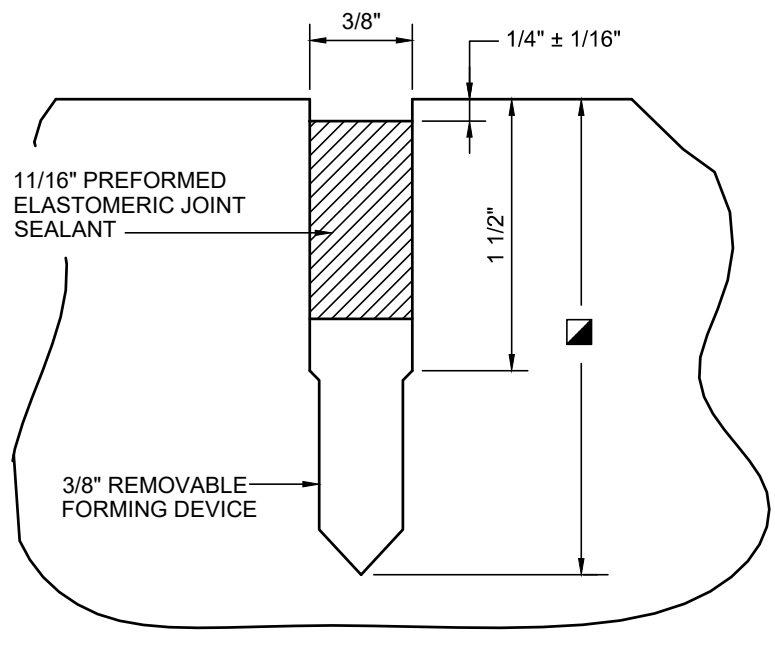
TYPICAL ROADWAY SECTIONS
FOR
STREET CONSTRUCTION

DRAWING No.

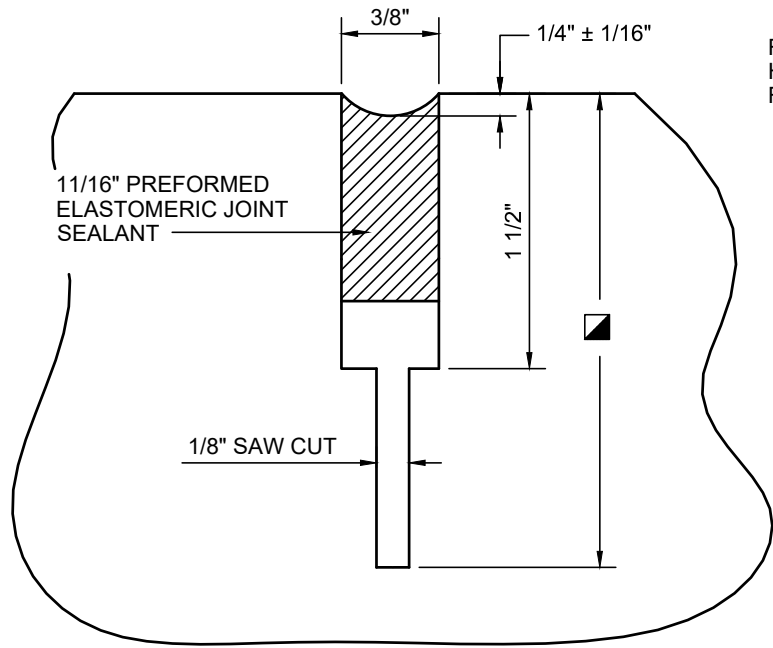
RW2

2/3/2015 SCALE
AS NOTED

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 7			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 27 OF 30	

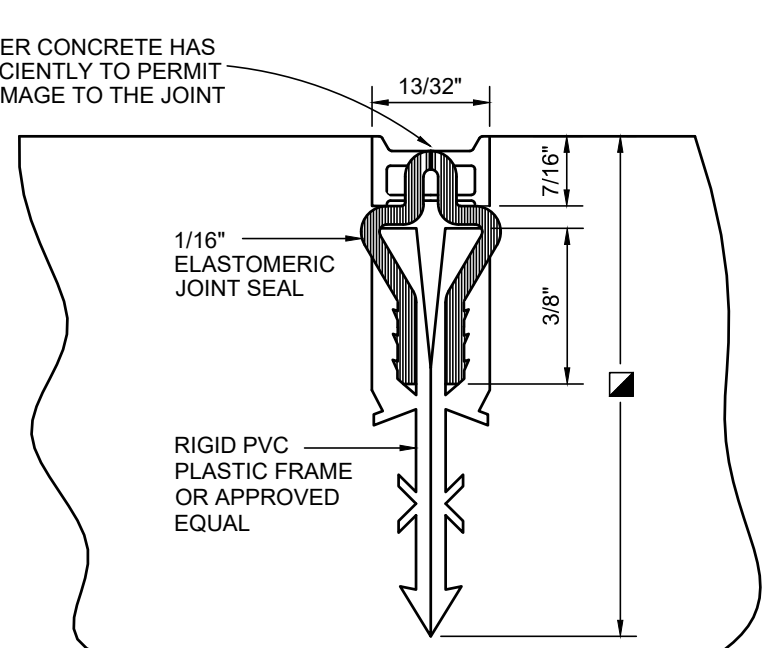


DETAIL "A"

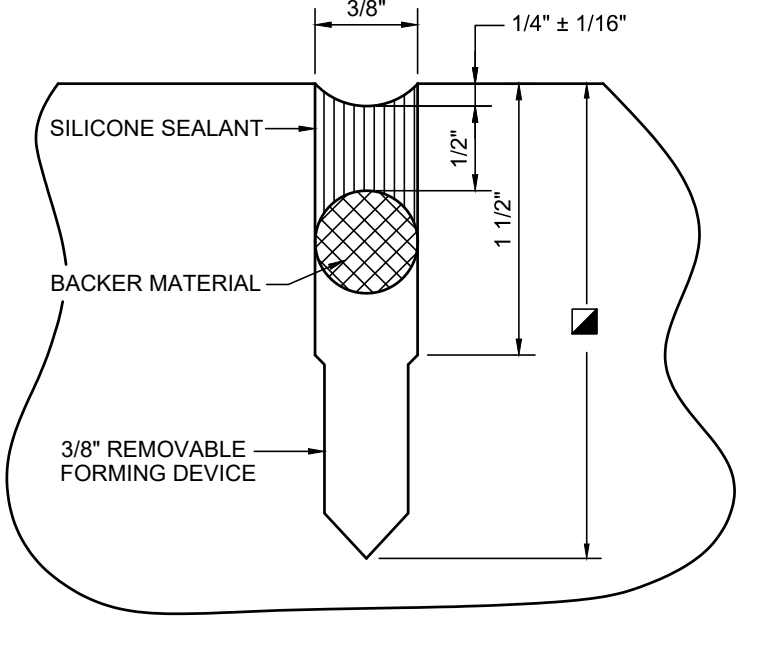


DETAIL "C"

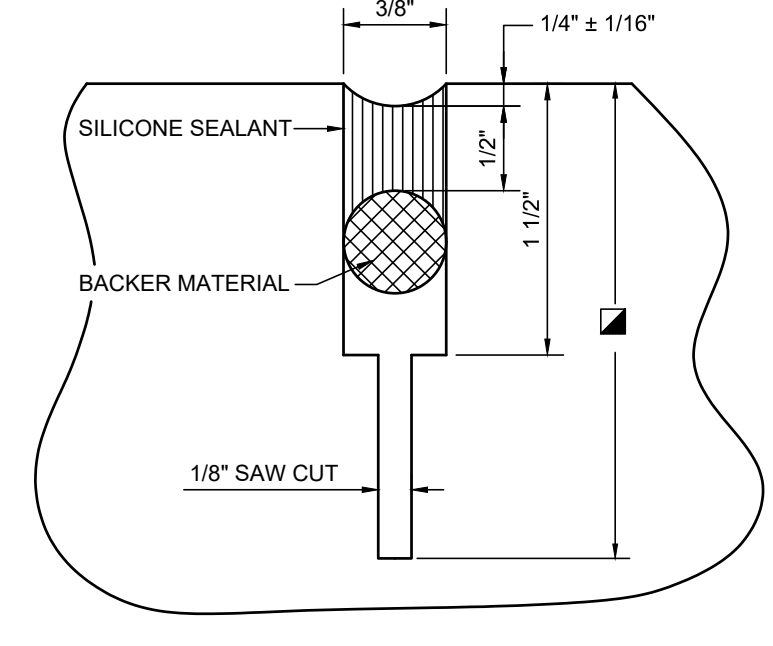
REMOVE CAP AFTER CONCRETE HAS
HARDENED SUFFICIENTLY TO PERMIT
REMOVAL W/O DAMAGE TO THE JOINT



DETAIL "E"



DETAIL "B"



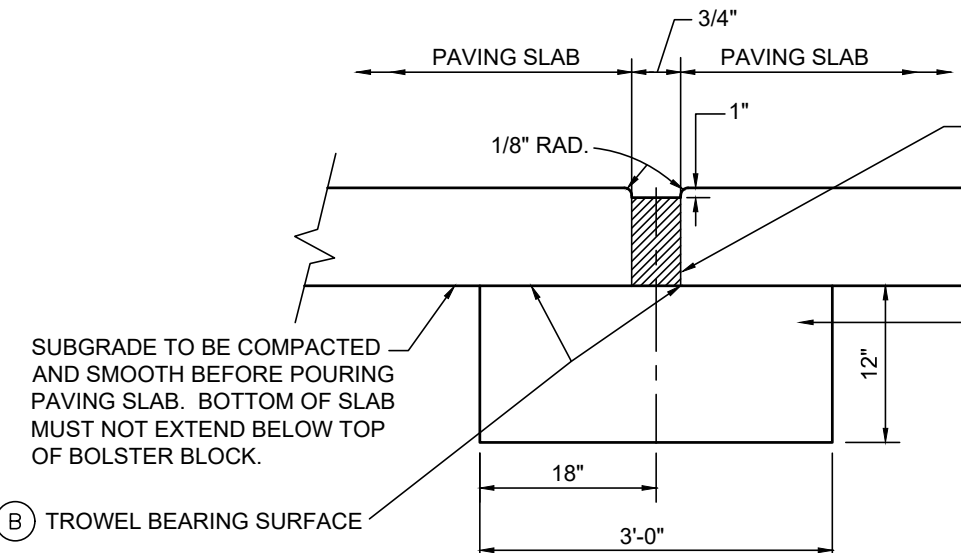
DETAIL "D"

NOTES:

1. USE DETAILS "A" THRU "E" IN CONJUNCTION WITH TYPE TCJ AND CJ JOINTS (SECTION B-B); TYPE BJ JOINTS (SECTION J-J); AND NOTES (7) AND (8) ON DWG. RW2.
2. SEE TABLE 1 ON DWG. RW2

DETAILS "A" THRU "F"

N.T.S.

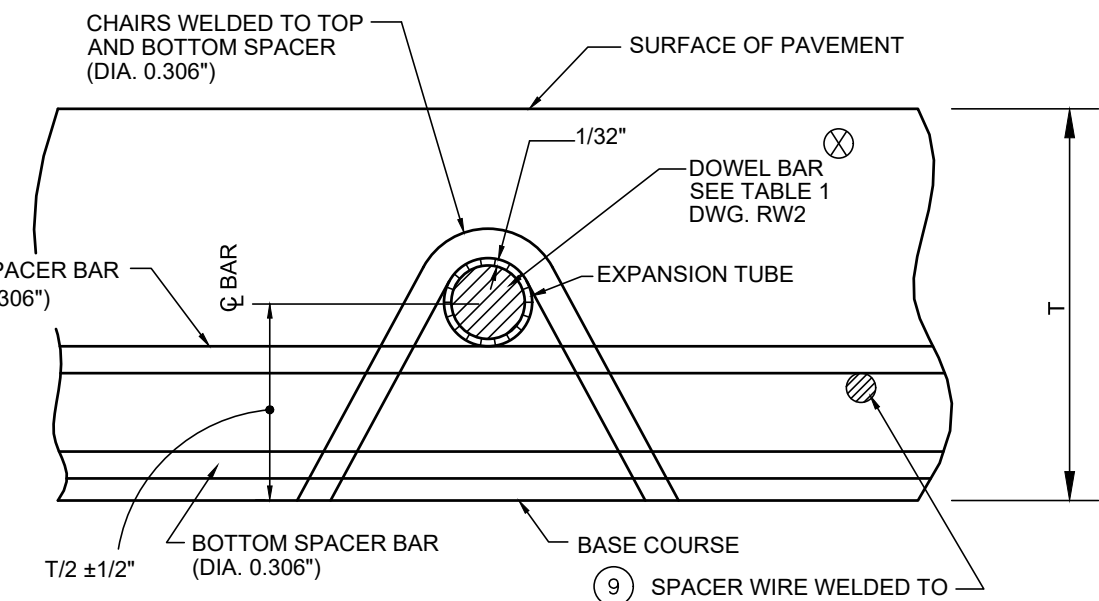


SECTION C-C

DWG. RW2

TYPE EJ MODIFIED

N.T.S.



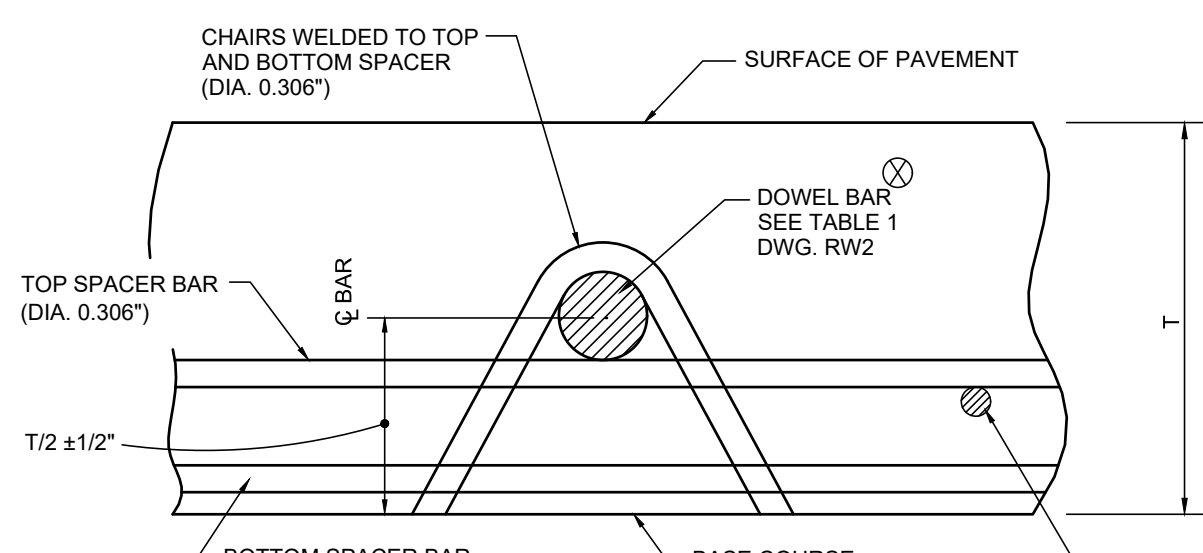
SECTION E-E

(DWG. RW2)

N.T.S.

NOTES:

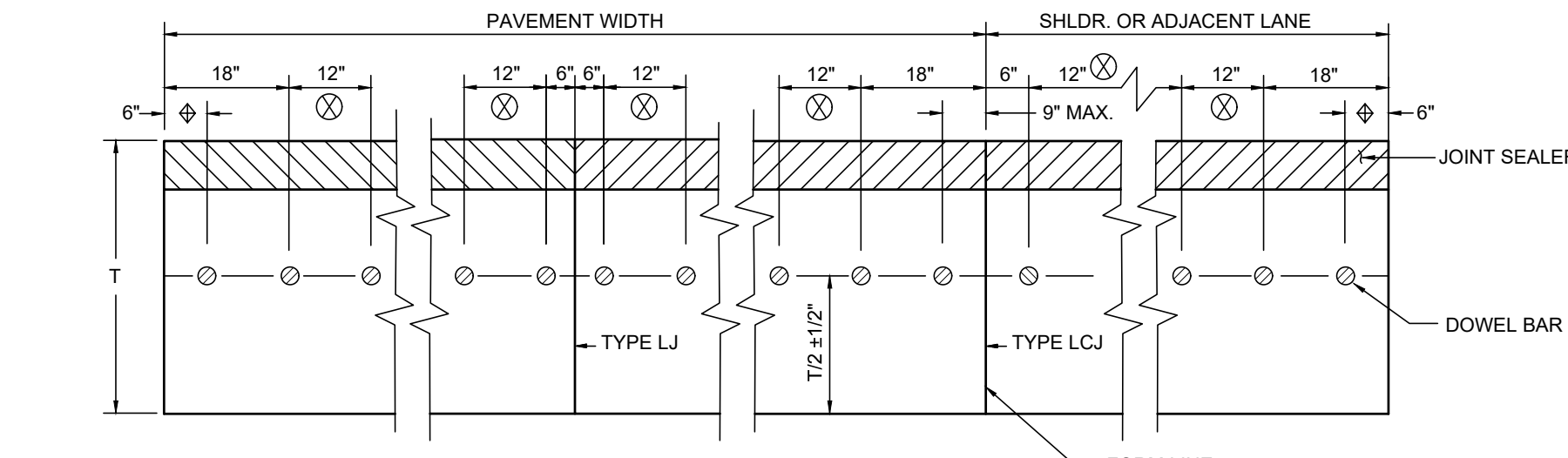
- (A) JOINT SHALL BE FILLED WITH A PRE-FORMED POLYURETHANE FOAM TYPE FILLER OR A POURED-IN-PLACE POLYURETHANE FOAM WITH PREFORMED FILLER, USE A SUITABLE LUBRICANT/ADHESIVE THAT IS INSENSITIVE TO MOISTURE.
- (B) ONE LAYER OF 55-LB. TAR PAPER SHALL BE PLACED BETWEEN THE BOLSTER BLOCK AND THE PAVING SLABS.
- (C) BOLSTER BLOCK SHALL BE CONSTRUCTED OF CLASS "A" OR PAVEMENT TYPE CONCRETE AT NO DIRECT PAY.



SECTION F-F

(DWG. RW2)

N.T.S.



SECTION G-G

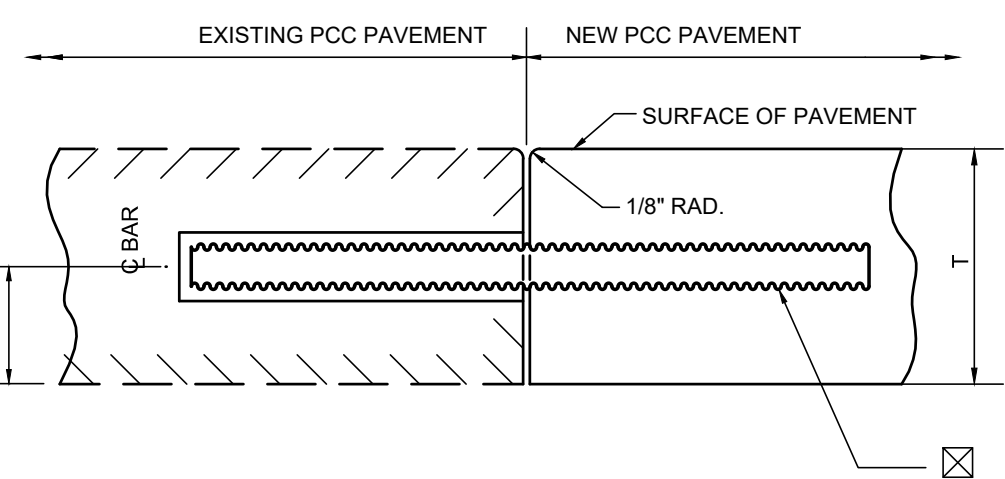
DOWEL BAR SPACING FOR TYPE TCJ, CJ, AND EJ JOINTS

(DWG. RW2)

N.T.S.

8" WHEN MECHANICAL PLACEMENT OF DOWEL BARS IS USED WITH FORM PAVING. ALSO, SEE NOTE (8) ON DWG. RW2.

SEE TABLE 1 DWG. RW2



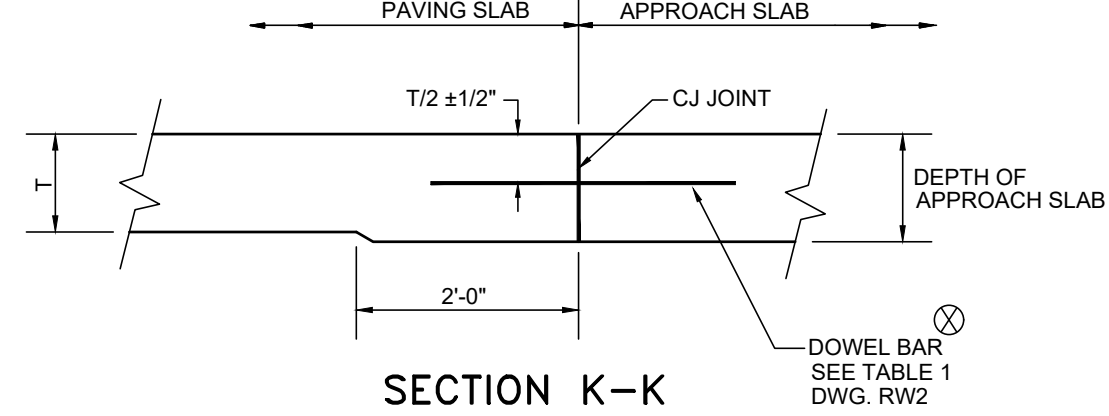
SECTION H-H

TYPE LBJ

(LONGITUDINAL BUTT JOINT)

(DWG. RW2)

N.T.S.



SECTION K-K

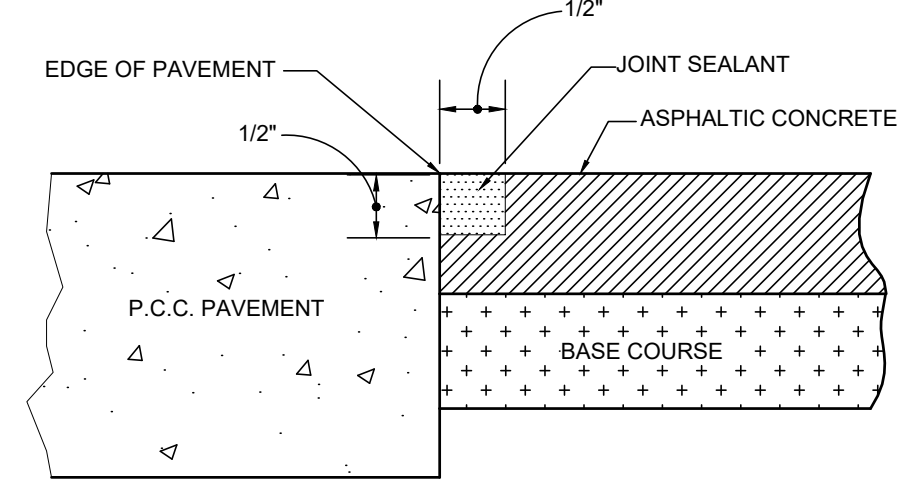
TYPE CJ AT APPROACH SLAB FOR DETAILS NOT SHOWN SEE TYPE CJ, DWG. RW4 (SECTION B-B AND RELATED DETAILS)

(DWG. RW2)

N.T.S.

DEFORMED TIE BARS SHALL BE INSTALLED IN EXISTING PAVEMENT BY DRILLING HOLES 1/8" LARGER, IF EPOXY IS USED OR 1/2" LARGER IF GROUT USED, THAN THE DIAMETER OF THE TIE BAR TO A REQUIRED DEPTH OF 1/2 BAR LENGTH. THE HOLES SHALL BE FILLED WITH AN APPROVED ADHESIVE ANCHOR SYSTEM (OPL 52) OR TYPE I, GRADE C EPOXY RESIN BEFORE INSERTION OF THESE BARS. THE TIE BARS SIZE AND SPACING SHALL BE ONE OF THE FOLLOWING:

- A. WHEN TIE BARS OF THE SIZE SHOWN IN TABLE 1, DRAWING RW2, ARE USED, THE BARS SHALL BE PLACED AT 1/2 SPACING.
- B. WHEN TIE BARS 1/4" LARGER THAN TIE BAR DIAMETER SHOWN IN TABLE 1, ARE USED, THE BARS SHALL BE PLACED AT THE SAME SPACING.

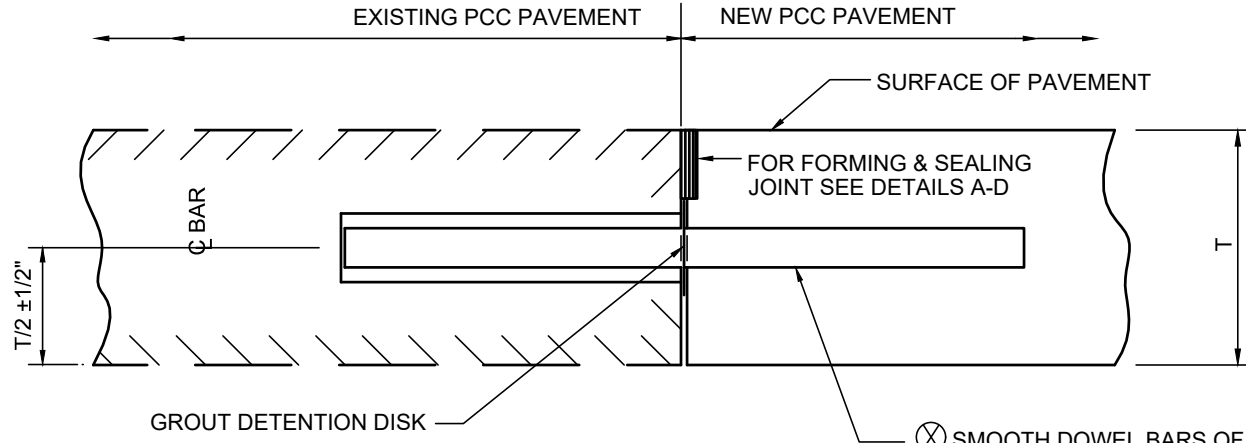


SECTION I-I

HOT POURED SEALANT

(DWG. RW2)

N.T.S.



SECTION J-J

TYPE BJ

(TRANSVERSE BUTT JOINT)

(DWG. RW2)

N.T.S.

SMOOTH DOWEL BARS OF THE SIZE & LENGTH AS SPECIFIED IN TABLE 1, DWG. RW2, SHALL BE USED. THE BARS SHALL BE PLACED IN THE EXISTING PAVEMENT BY DRILLING HOLES 1/8" LARGER THAN THE DIA. OF THE DOWEL BAR TO A DEPTH OF 1/2 THE BAR LENGTH AND FILLING THE HOLES WITH APPROVED TYPE I, GRADE C EPOXY RESIN BEFORE INSERTING THE DOWEL BARS. (SEE TABLE 1, DWG. RW2).

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TYPICAL ROADWAY SECTIONS
FOR
STREET CONSTRUCTION

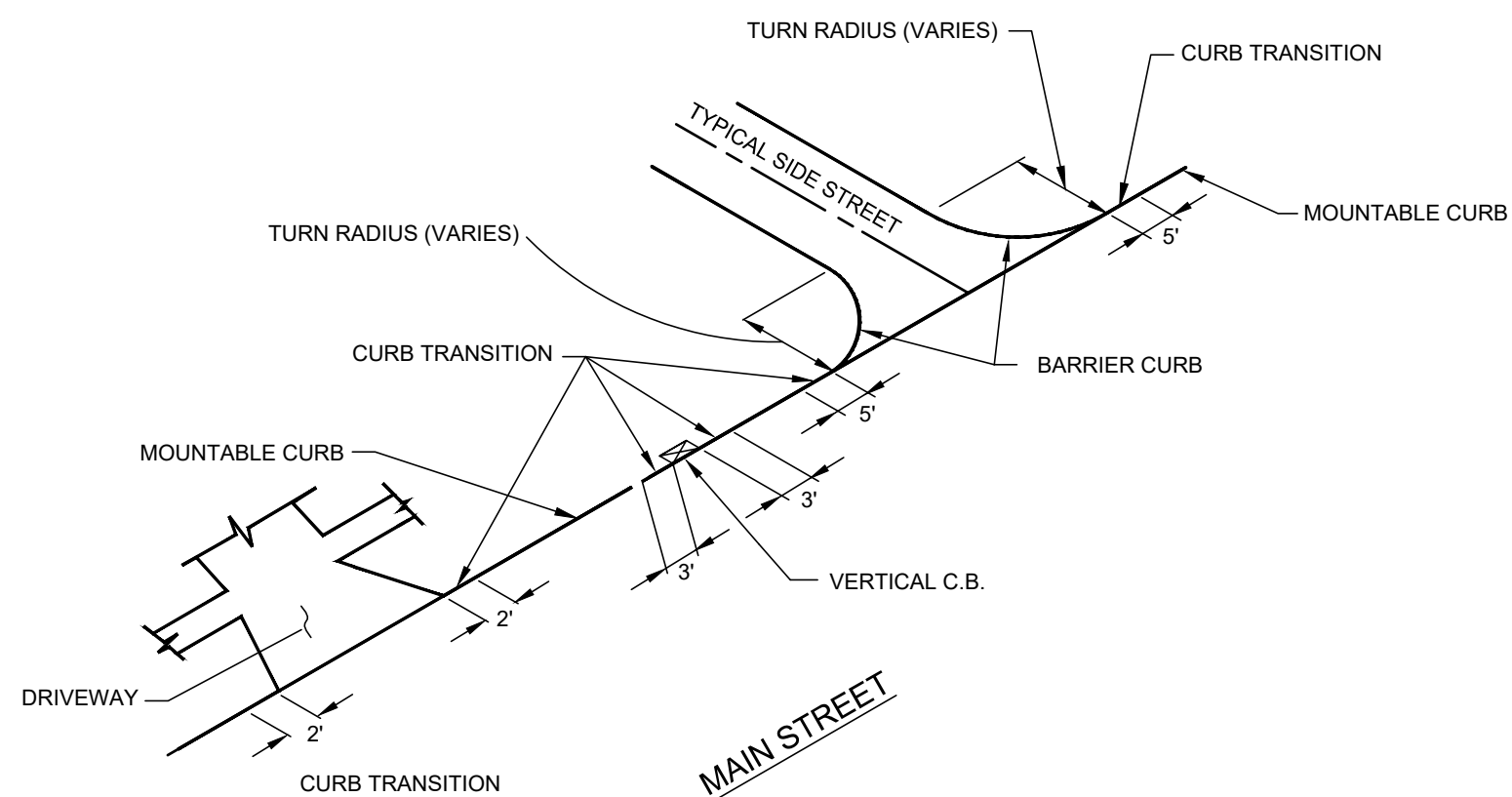
DRAWING No.

RW3

2/3/2015

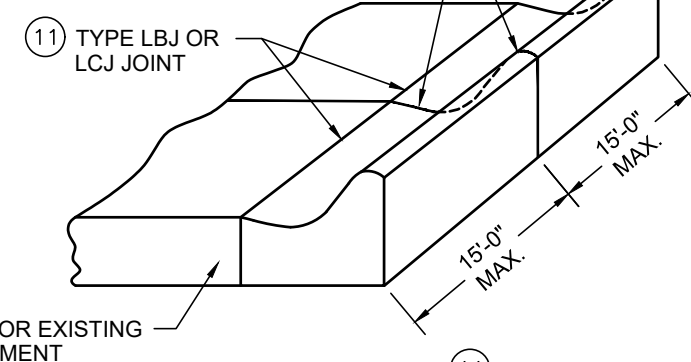
SCALE
AS NOTED

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 8			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 28 OF 30	

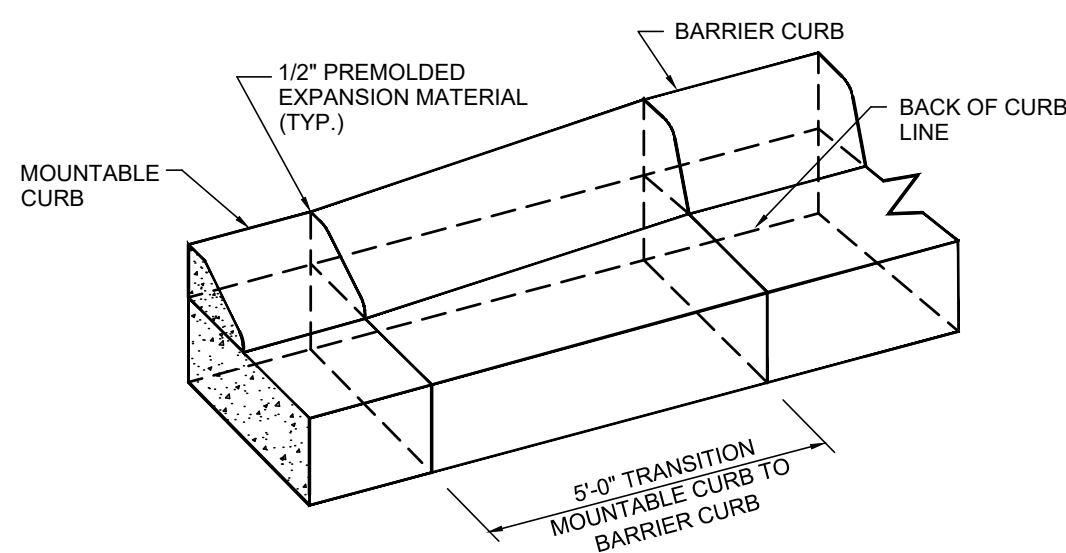


LOCATIONS OF CURB TRANSITION
N.T.S.

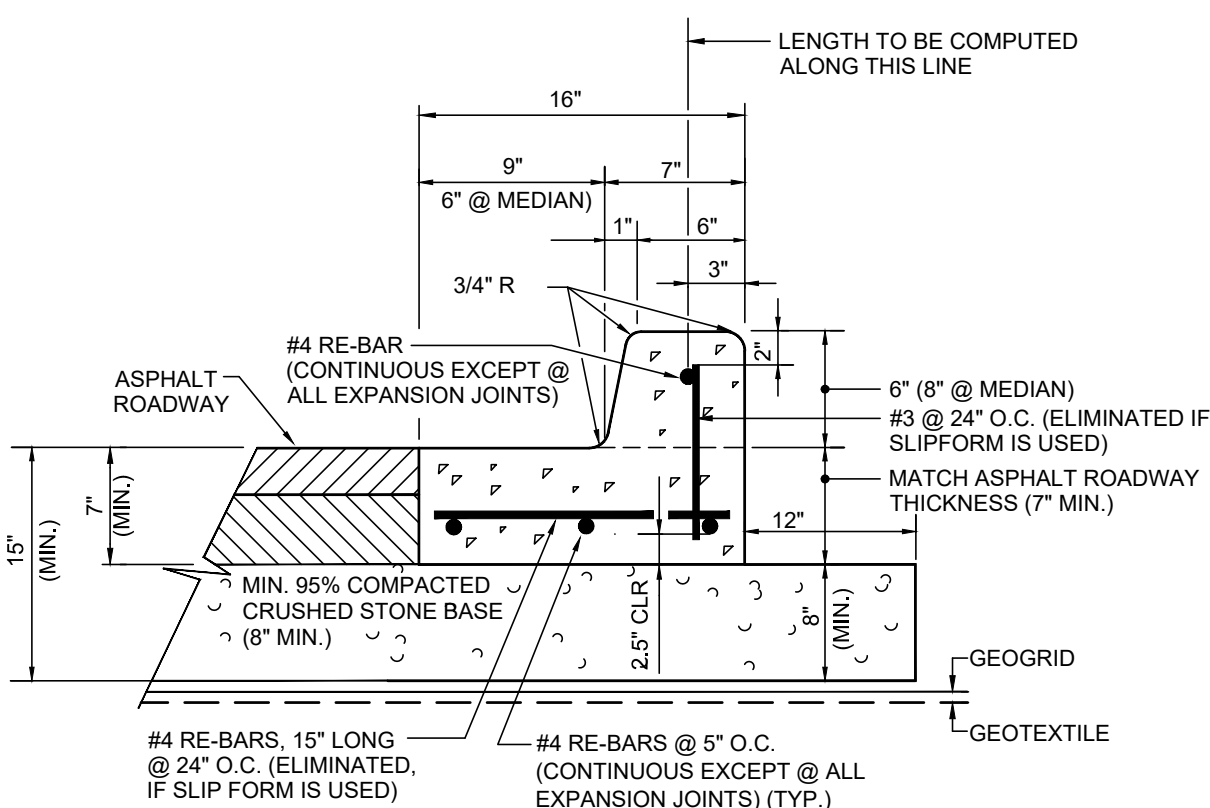
WHEN SLIP-FORM SYSTEM IS USED THIS FACE TO BE TROWEL CUT TO A DEPTH OF 3" (APPROX.), THEN SCORED WITH A 1" SCORING TOOL AT 20'-0" MAX. INTERVALS OR TO MATCH ROADWAY JOINTS.



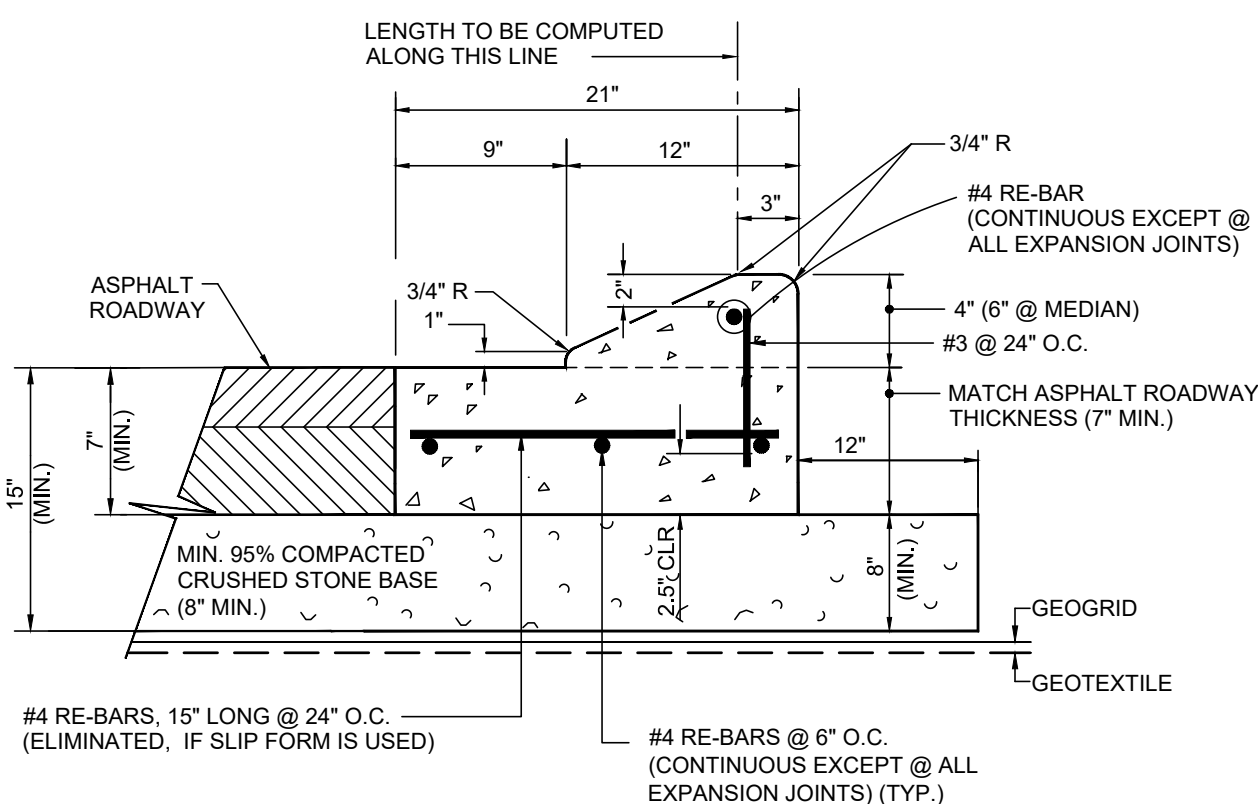
DETAIL SHOWING JOINTS IN CONCRETE CURB AND GUTTER
N.T.S.



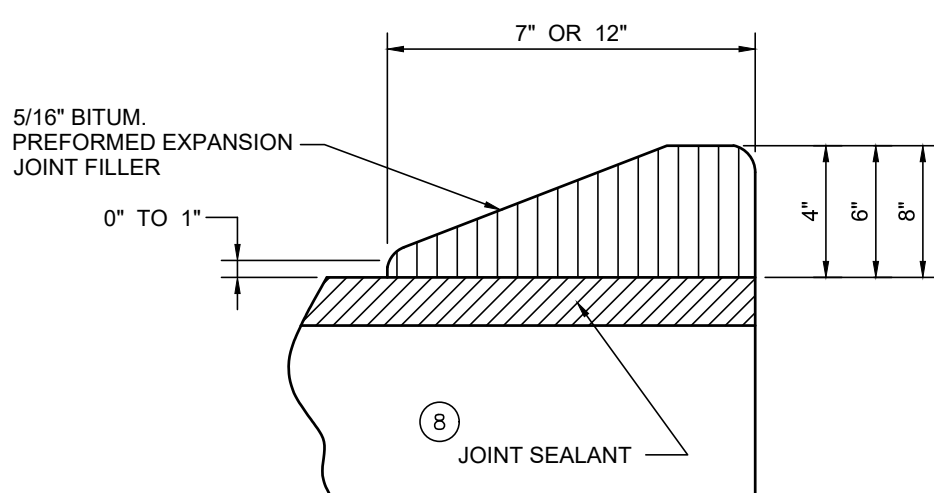
MOUNTABLE-BARRIER CURB TRANSITION
N. T. S.



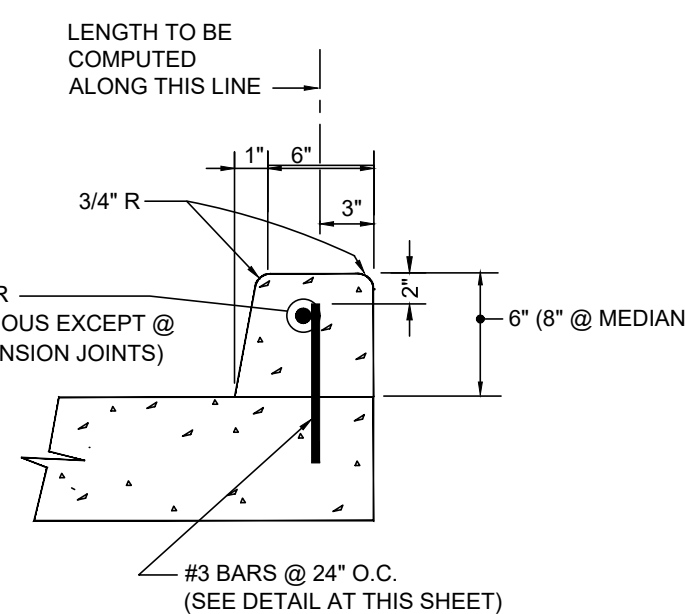
BARRIER CURB & GUTTERBOTTOM
N.T.S.



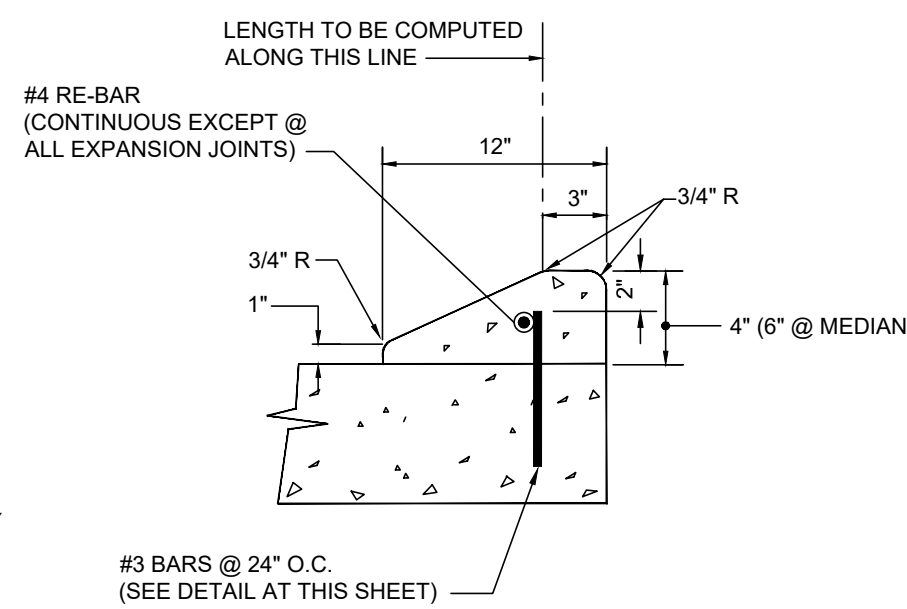
MOUNTABLE CURB & GUTTERBOTTOM
N.T.S.



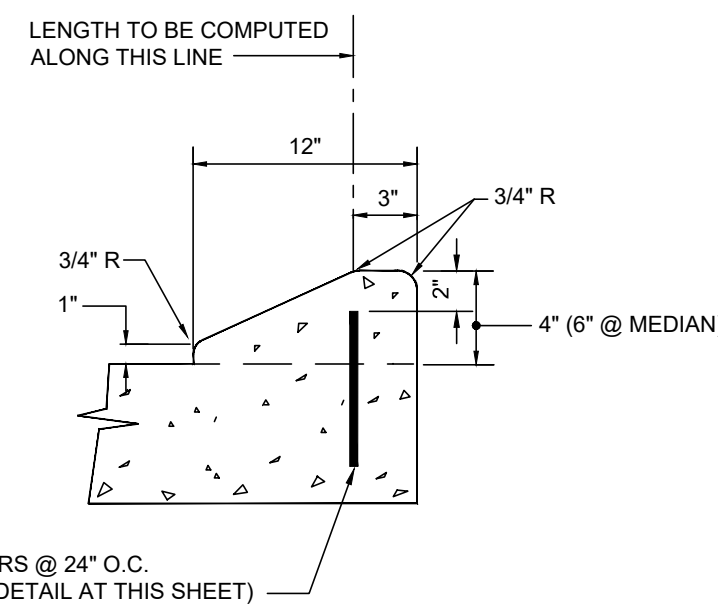
NOTE: WHEN CURB IS POURED MONOLITHICALLY WITH PAVEMENT, THE BITUMINOUS PRE-FORMED EXPANSION JOINT FILLER SHALL EXTEND TO BOTTOM OF JOINT INSERT.
JOINT FILLER DETAIL FOR INTEGRAL CONCRETE CURB (MOUNTABLE OR BARRIER TYPE)
(MOUNTABLE CURB IS SHOWN)
N.T.S.



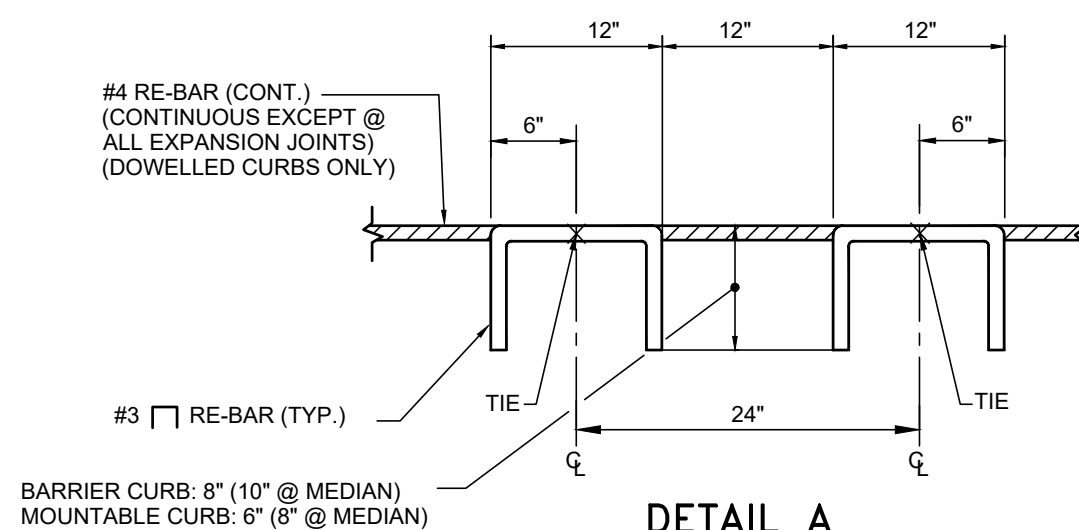
DOWELED BARRIER CURB
N.T.S.



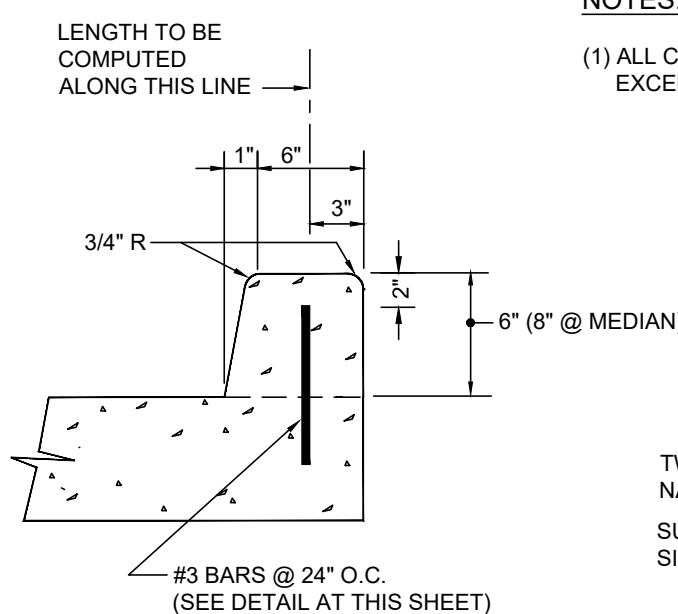
DOWELED MOUNTABLE CURB
N.T.S.



INTEGRAL MOUNTABLE CURB
N.T.S.

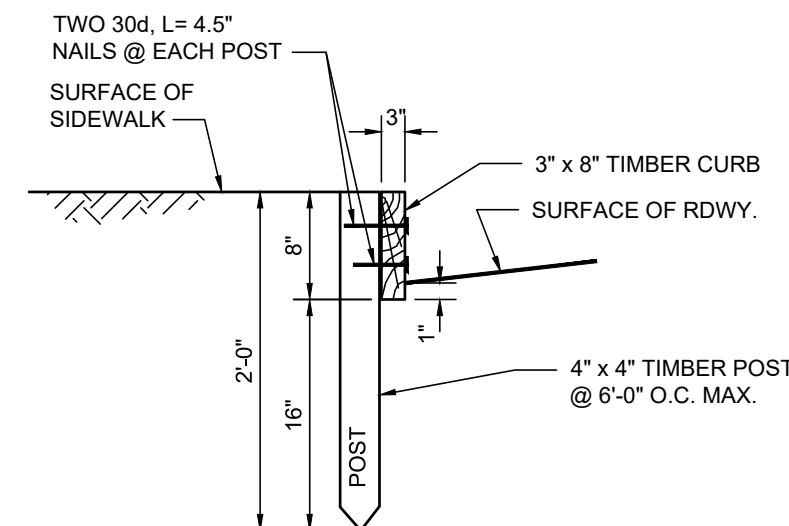


DETAIL A
SHOWING DIMENSIONS AND SPACING OF DEF. REINF. STEEL BARS FOR CONC. CURB
N.T.S.



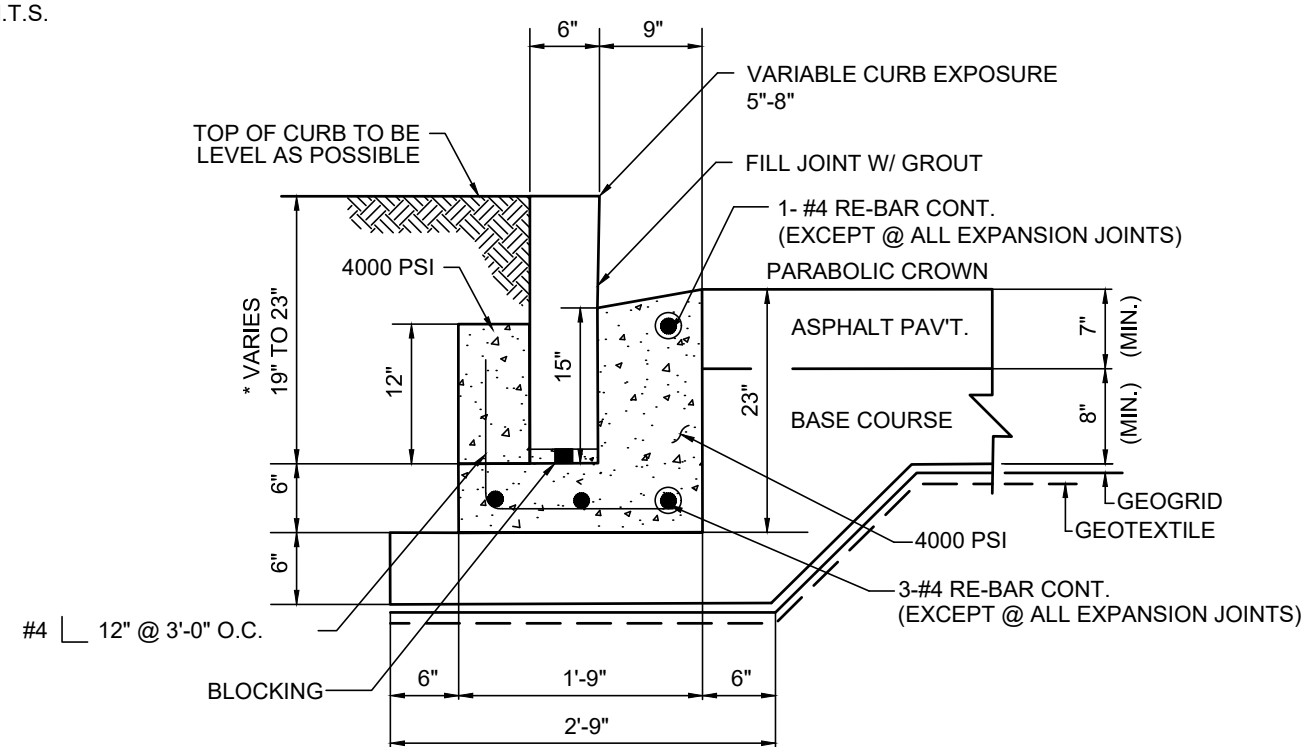
INTEGRAL BARRIER CURB
N.T.S.

NOTES:
(1) ALL CONCRETE GUTTERBOTTOM AND CURBS TO BE 4000 PSI EXCEPT AS OTHERWISE INDICATED.



NOTE: TIMBER TO BE TREATED NO. 1 COMMON PINE (12 Lbs./Cf.)

TYPICAL SECTION OF TIMBER CURB
N.T.S.



TYPICAL GRANITE BLOCK CURBING
*APPROX. 19" TO 23" (ASSUME EXIST. GRANITE CURB IS 19" HIGH)
N.T.S.

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

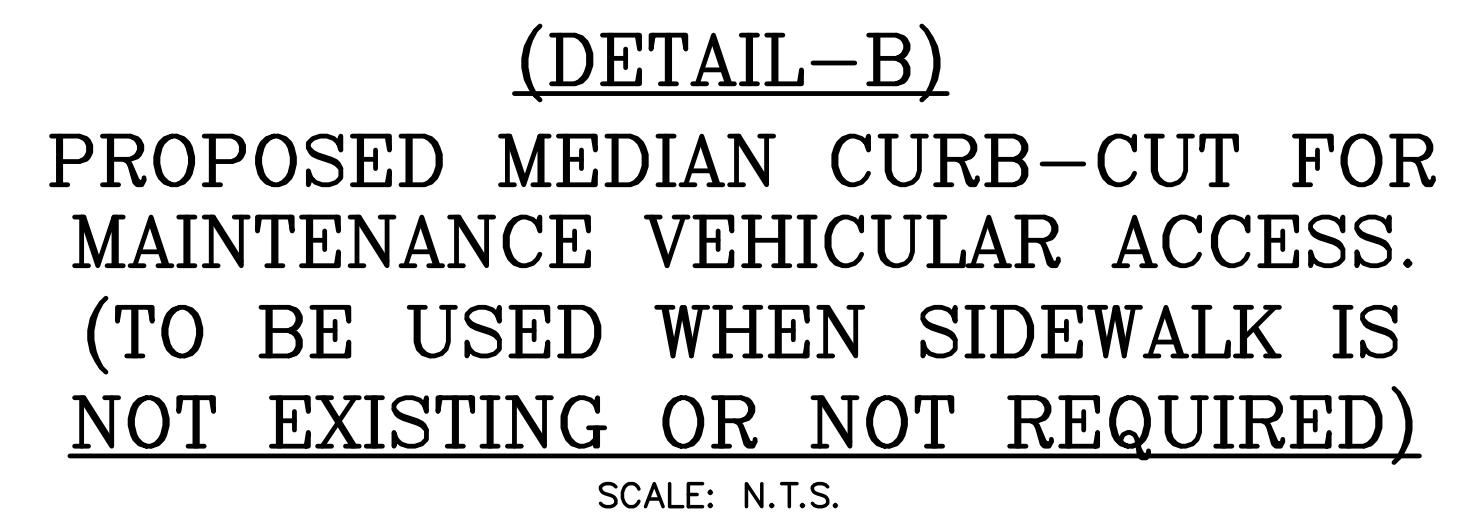
TYPICAL ROADWAY SECTIONS
FOR
STREET CONSTRUCTION

DRAWING No.

RW4

2/3/2015 SCALE AS NOTED

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266			
NEW 16" SEWER FORCE MAIN ON LAFITTE ST. (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 9			
DR. DK			
TRC. DK			
CK. RJ			
AP. XX			
SCALE:			
DATE: 3/20/2025	SET NO.	SHEET NO. 29 OF 30	



- ## NOTES
1. E.J. - FULL DEPTH EXPANSION JOINT AT WALK (1/2" WIDTH, NON EXTRUDING AND SEALED). JOINTS SHALL BE 1/2" DEPTH WITH 1/2" R TOOLED EDGES.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 30266 NEW 16" SEWER FORCE MAIN ON LAFITTE ST. - (N. DORGENOIS ST. - N. GALVEZ ST.) & NEW 48" SEWER FORCE MAIN ON N. GALVEZ ST. (CONTI ST. - LAFITTE ST.)			
DPW DETAILS 10			
DR: DK TRC: DK CK: RI AP: XX SCALE:			
DATE: 3/20/2025		SET NO.	SHEET NO. 30 OF 30