

VILLAGE OF FAIRPORT HARBOR

NEW FOURTH ST. STORM, SANITARY & WATER

IMPROVEMENTS

LAKE COUNTY, OHIO

OPWC FUNDED PROJECT NO. CG42AC/CG43AC

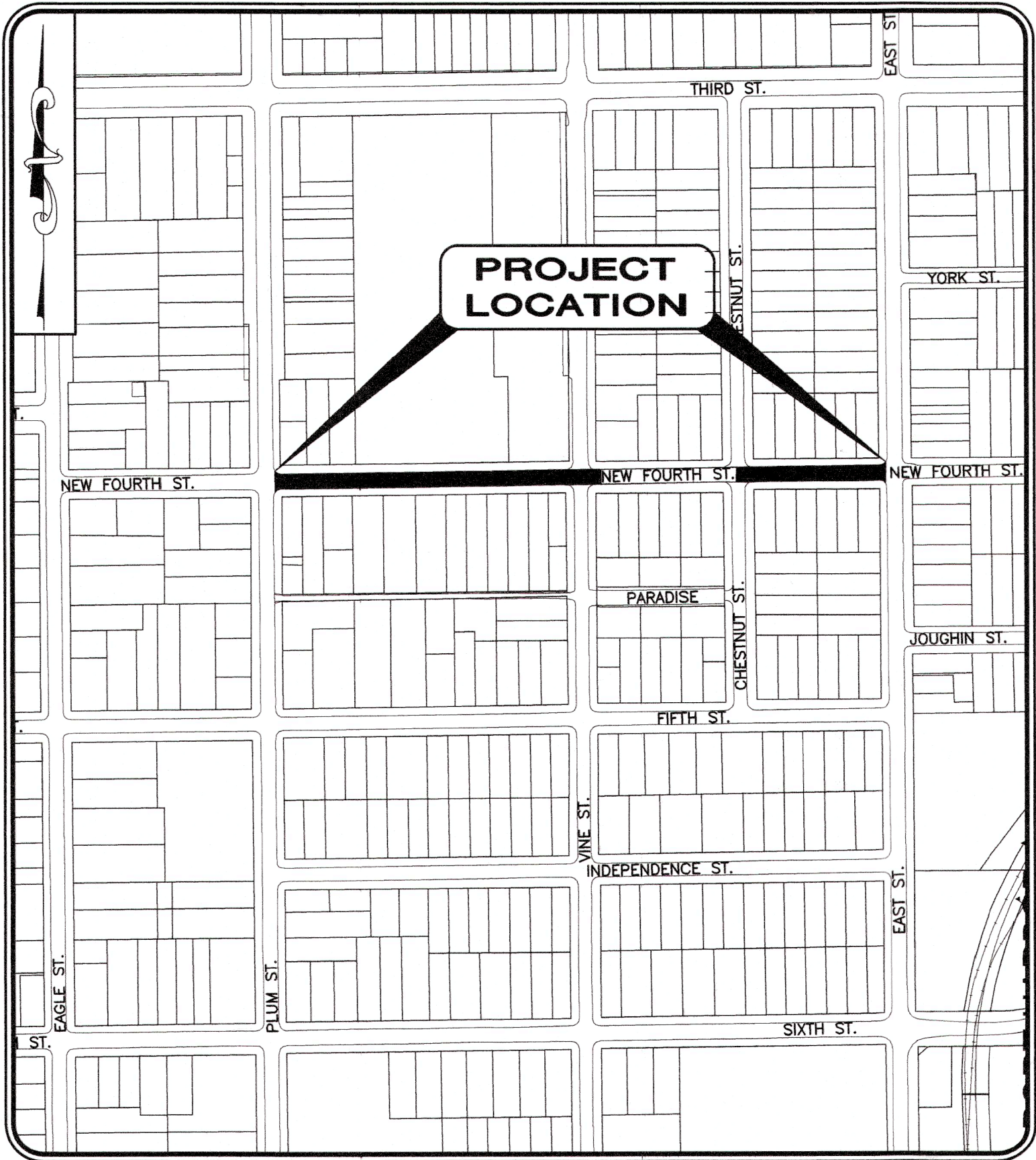
OWDA FUNDED PROJECT

WPCLF FUNDED PROJECT

LCDU FUNDED PROJECT NO. 502S-2025

JANUARY 2026

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LOCATION MAP
NTS

verdantas

8150 STERLING COURT
MENTOR, OHIO 44060
(440) 951-9000

ADMINISTRATION




TIMOTHY S. MANROSS.....MAYOR
LUKAS DARLING.....VILLAGE ADMINISTRATOR
JAMES M. LYONS.....VILLAGE SOLICITOR
CHRISTINE PAGE.....FISCAL OFFICER
DAVID KORAN.....POLICE CHIEF
ROBERT LLOYD.....FIRE CHIEF

COUNCIL MEMBERS

CHRISTINA BACNIC
ANTHONY BERTONE
JERRY HITES
JEFF MCKINNEY
VERN HORTON
ELISABETH SHAVER

APPROVALS

BOARD OF LAKE COUNTY COMMISSIONERS:

	COMMISSIONER JOHN T. PLECNIK	2-5-26 DATE
	COMMISSIONER MORRIS BEVERAGE III	2-5-26 DATE
	COMMISSIONER MORGAN R. MCINTOSH	2-5-26 DATE


LAKE COUNTY SANITARY ENGINEER


ENGINEER RANDALL ROTH LISBERGER, P.E. 1/23/2026
DATE



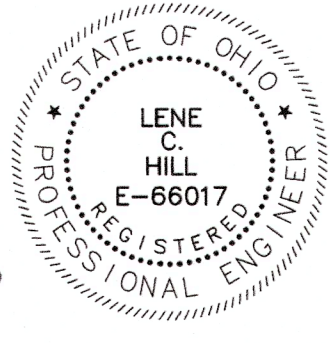
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)
OUPS TICKETS #A410300106-0A, #A410300111-00A

1. THE SURVEY SHOWN ON THESE PLANS WAS OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR ANY OTHER PURPOSE.
2. UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
3. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.


LEVE HILL, P.E.

P.E. No. 66017

1/8/26
DATE



ENGINEER'S PROJECT No. 33601

GENERAL

A PRECONSTRUCTION CONFERENCE SCHEDULED BY THE VILLAGE OF FAIRPORT HARBOR ENGINEER SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE FAIRPORT HARBOR VILLAGE ENGINEER AND THE LAKE COUNTY SANITARY ENGINEER PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

THE IMPROVEMENT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF THE THE VILLAGE OF FAIRPORT HARBOR, AS WELL AS THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, 2023 EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND DRAWINGS, SHALL GOVERN THIS PROJECT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE FAIRPORT HARBOR VILLAGE ENGINEER AND/OR HIS REPRESENTATIVE.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE VILLAGE OF FAIRPORT HARBOR ENGINEER AND FOR ALL SANITARY WORK, THE LAKE COUNTY SANITARY ENGINEER AND AT ALL TIMES BE SUBJECT TO THEIR DIRECT SUPERVISION AND INSPECTION.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

MATERIAL TESTING AND PERMITS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL AND EQUIPMENT TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE EXECUTED PROJECT CONTRACT SHALL SERVE TO FULFILL THE VILLAGE OF FAIRPORT HARBOR'S PERMITTING REQUIREMENTS.

CLEARING AND GRUBBING

ALL TREES, STUMPS, ROOTS AND DEBRIS REMOVED FROM THE WORK LIMITS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE AT A LOCATION ACCEPTABLE TO THE ENGINEER.

UTILITIES

THE LOCATION OF ALL EXISTING UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS AND UTILITY PROTECTION SERVICE LISTED BELOW IN ACCORDANCE WITH SECTION 154.64 OF THE ORC AND AS OUTLINED IN THE PROJECT SPECIFICATIONS.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

OHIO UTILITY PROTECTION SERVICE 106 WEST RYEN, ROOM 427 YOUNGSTOWN, OHIO 44051 PHONE: (800) 362-2746	ENBRIDGE GAS OHIO 320 SPRINGSIDE DRIVE, SUITE 320 AKRON, OHIO 44333 PHONE: (330) 664-2409	LAKE COUNTY DEPT. OF UTILITIES 105 MAIN STREET PAINESVILLE, OHIO 44077 PHONE: (440) 350-2652
VILLAGE OF FAIRPORT HARBOR 220 THIRD ST FAIRPORT HARBOR, OHIO 44077 440-352-3620		AT&T 13630 LORAIN AVE. ROOM 400 CLEVELAND, OHIO 44111 PHONE: (216) 476-6142
THE ILLUMINATING CO. 6896 MILLER ROAD BRECKSVILLE, OHIO 44141 PHONE: (440) 717-6845	TIME WARNER CABLE 7820 DIVISION DRIVE MENTOR, OHIO 44060 PHONE: (440) 974-3401	ORWELL NATURAL GAS 8500 STATION STREET MENTOR, OHIO 44060 PHONE: (440) 974-5120

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAY, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO (2) DAYS AHEAD OF THE PLANNED CONSTRUCTION.

EXISTING WATER MAIN FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VALVE BOX AND ALL OTHER WATER MAIN APPURTENANCES ADJUSTMENTS TO GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE VILLAGE. THE CONTRACTOR SHALL NOTIFY THE VILLAGE AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THEIR SYSTEM.

EXISTING AND PROPOSED SANITARY SEWER FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPLACING, RELOCATING, ADJUSTMENTS OR ADDITIONS TO THE EXISTING SANITARY SEWER FACILITIES AS CALLED FOR ON THE PLANS OR REQUIRED BY THE WORK, INCLUDING ALL COSTS ASSOCIATED WITH INSPECTION OF SANITARY SEWER FACILITIES. THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY DEPARTMENT OF UTILITIES AT LEAST 48 HOURS IN ADVANCE OF ANY WORK IN THEIR SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING INSPECTION DIRECTLY WITH THE LAKE COUNTY DEPARTMENT OF UTILITIES.

ALL SANITARY SEWER AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES, STANDARDS AND SPECIFICATIONS OF THE LAKE COUNTY DEPARTMENT OF UTILITIES AND SHALL BE REVIEWED, TESTED AND APPROVED BY THE LAKE COUNTY DEPARTMENT OF UTILITIES.

ANY WORK DONE TO THE SANITARY SEWER SYSTEM MUST BE DONE BY A CONTRACTOR LICENSED BY THE LAKE COUNTY DEPARTMENT OF UTILITIES (L.C.D.U.).

THE CONTRACTOR SHALL SHALL COORDINATE WITH L.C.D.U. FOR THEIR ASSISTANCE IN FIELD MARKING LOCATIONS OF SANITARY LATERALS. THE TELEVISION LOGS FROM L.C.D.U. HAVE ALSO BEEN PROVIDED TO ASSIST WITH LOCATING LATERALS.

CONTRACTORS RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES

AT POINTS WHERE THE CONTRACTOR'S OPERATIONS ARE ADJACENT TO PROPERTIES OF TELEPHONE, CABLE, AND POWER COMPANIES, OR ARE ADJACENT TO OTHER PROPERTY, DAMAGE TO WHICH MIGHT RESULT IN CONSIDERABLE EXPENSE, LOSS, OR INCONVENIENCE, WORK SHALL NOT BE COMMENCED UNTIL ALL ARRANGEMENTS NECESSARY FOR THE PROTECTION THEREOF HAVE BEEN MADE.

THE CONTRACTOR SHALL COOPERATE WITH THE OWNERS OF ANY UNDERGROUND OR OVERHEAD UTILITY LINES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER, THAT DUPLICATION OF REARRANGEMENT WORK MAY BE REDUCED TO A MINIMUM, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE UNNECESSARILY INTERRUPTED.

IN THE EVENT OF INTERRUPTION TO UNDERGROUND OR OVERHEAD UTILITY SERVICES AS A RESULT OF ACCIDENTAL BREAKAGE OR AS A RESULT OF BEING EXPOSED OR UNSUPPORTED, THE CONTRACTOR SHALL IMMEDIATELY ALERT THE OCCUPANTS OF NEARBY PREMISES AS TO ANY EMERGENCY AND/OR INTERRUPTION OF SERVICE THAT THE CONTRACTOR MAY CREATE OR DISCOVER AT OR NEAR SUCH PREMISES. THE CONTRACTOR SHALL THEN NOTIFY THE ENGINEER AND THE OWNER OR OPERATOR OF THE UTILITY FACILITY OF THE DISRUPTION AND SHALL COOPERATE WITH SAID UTILITY OWNER OR OPERATOR IN THE RESTORATION OF SERVICE. IF WATER SERVICE IS INTERRUPTED, REPAIR WORK SHALL BE CONTINUOUS UNTIL THE SERVICE IS RESTORED. NO WORK SHALL BE UNDERTAKEN AROUND FIRE HYDRANTS UNTIL PROVISIONS FOR CONTINUED SERVICE HAVE BEEN APPROVED BY THE LOCAL FIRE AUTHORITY.

PROTECTION AND RESTORATION OF PROPERTY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY AND/OR PERSONS DURING THE PROSECUTION OF THE WORK, RESULTING FROM ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANY TIME DUE TO DEFECTIVE WORK OR MATERIALS, AND SAID RESPONSIBILITY WILL NOT BE RELEASED UNTIL THE PROJECT SHALL HAVE BEEN COMPLETED AND ACCEPTED.

DUST NUISANCE ORIGINATING FROM ANY OF THE CONTRACTOR'S OPERATIONS EITHER INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL ORDINANCES AND REGULATIONS AT THE SOLE EXPENSE OF THE CONTRACTOR.

WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE PROPERTY BY OR ON ACCOUNT OF ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NONEXECUTION THEREOF BY THE CONTRACTOR, HE SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE MANNER.

WHEN MAIL BOXES, ROAD OR STREET NAME SIGNS AND SUPPORTS INTERFERE WITH CONSTRUCTION, THE CONTRACTOR SHALL REMOVE AND REERECT THEM IN A TEMPORARY LOCATION DURING CONSTRUCTION IN A MANNER SATISFACTORY TO AND AS DIRECTED BY THE ENGINEER. AFTER COMPLETION OF THE CONSTRUCTION AND BEFORE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL ERECT THE MAIL BOXES, ROAD OR STREET NAME SIGNS AND SUPPORTS IN THEIR ORIGINAL LOCATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING AND GRUBBING.

LANDSCAPING AND DRIVEWAY ITEMS

WHEN THE CONSTRUCTION OPERATIONS ARE IN CLOSE PROXIMITY TO LANDSCAPING FEATURES (TIMBERS, ROCKS, BOULDERS, ETC.), DRIVEWAY TIMBERS, DRIVEWAY CURBING, ETC. THE CONTRACTOR SHALL SAVE, REMOVE AND PLACE THESE ITEMS OUTSIDE THE WORK LIMITS AT A LOCATION ACCEPTABLE TO THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE PERTINENT CONDUIT ITEM.

USE OF PRIVATE PROPERTY

THE CONTRACTOR CAN USE PRIVATE PROPERTY FOR THE STORAGE OF EQUIPMENT AND MATERIALS ONLY WITH A WRITTEN AGREEMENT WITH THE PROPERTY OWNER. THE CONTRACTOR SHALL PROVIDE THIS AGREEMENT TO THE ENGINEER PRIOR TO ANY USE OF PRIVATE PROPERTY.

REMOVAL ITEMS

ALL ITEMS NOTED ON THE PLANS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN AN APPROPRIATE MANNER BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

SUBSURFACE INVESTIGATIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. SUBSURFACE SOIL INVESTIGATIONS WERE NOT PERFORMED FOR THIS PROJECT.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO OR TO CROSS EITHER OVER OR UNDER AN EXISTING PIPE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE, BOTH AS TO LINE AND GRADE, AND ADJUST LINE AND/OR GRADE AS NECESSARY BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT CONDUIT ITEM.

EXISTING NATURAL GAS FACILITIES

ENBRIDGE GAS OHIO SHALL BE RESPONSIBLE FOR ALL RELOCATIONS OF THEIR GAS MAIN FACILITIES AS REQUIRED, INCLUDING HOUSE CONNECTIONS AND VALVE BOX RELOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VALVE BOX AND ALL OTHER GAS MAIN APPURTANCE ADJUSTMENTS TO GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ENBRIDGE GAS OHIO SO THAT COMPLETION OF HIS WORK IS NOT DELAYED BY THE ENBRIDGE GAS OHIO WORK. THE CONTRACTOR SHALL NOTIFY ENBRIDGE GAS OHIO AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THEIR SYSTEM.

DRIVEWAY AND ROADWAY PAVEMENT INSTALLATION

ALL PAVEMENT INSTALLATION SHOULD BE CONDUCTED UNDER SUITABLE WEATHER CONDITIONS. THE ENGINEER SHALL BE NOTIFIED IN ADVANCE OF ANY PROPOSED PAVEMENT INSTALLATION TO DETERMINE THE SUITABILITY OF WEATHER CONDITIONS FOR PAVEMENT INSTALLATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL ROADWAYS AND DRIVES PRIOR TO FINAL INSTALLATION. THE COST OF ANY TEMPORARY SURFACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE ITEM OF WORK.

GARBAGE COLLECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE TRANSFER OF ALL GARBAGE, GARBAGE CANS, AND RECYCLE BINS FROM DRIVEWAYS WITHIN THE CONSTRUCTION ZONE TO THE OPPOSITE SIDE OF THE ROADWAY. ONCE THE GARBAGE AND RECYCLABLE MATERIALS HAVE BEEN COLLECTED, ALL GARBAGE CANS AND RECYCLE BINS SHALL BE RETURNED TO THE APPROPRIATE DRIVEWAYS AND OUTSIDE OF THE CONSTRUCTION LIMITS, OR AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

PROTECTION OF TREES

TREE PROTECTION MEASURES SHALL BE INSTALLED AS SPECIFIED PRIOR TO THE START OF CONSTRUCTION.

SPECIAL CARE SHALL BE TAKEN TO AVOID DAMAGE TO TREES AND THEIR ROOT SYSTEMS WHICH ARE NOT CALLED FOR REMOVAL. THE OPERATION OF ALL EQUIPMENT SHALL BE CONDUCTED IN A MANNER WHICH WILL NOT INJURE TREES, TRUNKS, BRANCHES OR THEIR ROOTS UNLESS SUCH TREES ARE DESIGNATED FOR REMOVAL. THE STORAGE OF MATERIALS, AND THE DEPOSITION OF EXCAVATION SHALL BE PROHIBITED WITHIN THE TREE CANOPY OF ANY TREE TO BE SAVED.

SHOULD THE CONTRACTOR'S OPERATIONS DAMAGE ANY TREE TO SUCH AN EXTENT THAT IT, IN THE OPINION OF THE VILLAGE OF FAIRPORT HARBOR, WILL NOT LIVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REMOVING THE TREE AND ALL PAYMENTS TO THE PROPERTY OWNER FOR THE VALUE OF THE REMOVED TREE, AS DETERMINED BY AN ARBORIST MUTUALLY AGREED UPON BY THE VILLAGE OF FAIRPORT HARBOR AND THE CONTRACTOR.

PLACEMENT OF TREE PROTECTIVE BARRIERS

PRIOR TO CONSTRUCTION, TREE PROTECTIVE BARRIERS SHALL BE PLACED AROUND ALL TREES TO BE PRESERVED AND ANY OTHER VEGETATION LOCATED NEAR CONSTRUCTION ACTIVITY WHICH IS TO BE SAVED. THESE BARRIERS WILL BE LOCATED JUST OUTSIDE OF THE TREE'S CANOPY.

PROTECTIVE BARRIERS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND FINAL ACCEPTANCE HAS BEEN ISSUED BY THE VILLAGE OF FAIRPORT HARBOR.

PLACEMENT OF TREE PROTECTIVE BARRIERS, CONT.

AREAS WITHIN THE PROTECTIVE BARRIERS SHALL BE FREE OF ALL BUILDING MATERIALS, DIRT, CHEMICALS (INCLUDING GAS, OIL AND CONTAMINATED WATER), CONSTRUCTION DEBRIS, VEHICLES, AND DEVELOPMENT ACTIVITIES.

NO DISTURBANCE SHALL OCCUR WITHIN THE PROTECTIVE AREA OF A TREE DESIGNATED TO BE PRESERVED.

THE COST TO PROTECT TREES AND PROVIDE BARRIERS SHALL BE INCIDENTAL TO THE TOTAL PROJECT COST.

SPECIFICATIONS OF TREE PROTECTIVE BARRIERS

TREE PROTECTIVE BARRIERS WILL BE FLORESCENT POLYETHYLENE LAMINAR SAFETY FENCING, MINIMUM FOUR (4) FEET IN HEIGHT OR A SECURELY INSTALLED POST AND RAIL WOODEN FENCE, MINIMUM FOUR (4) FEET IN HEIGHT WITH A MINIMUM TWO (2) INCH X FOUR (4) INCH RAIL. THE FENCE SHALL BE MADE HIGHLY VISIBLE WITH A FLORESCENT ORANGE OR YELLOW PAINT. SUCH BARRIERS SHALL REMAIN INTACT THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS, AND IF DISTURBED MUST BE RESTORED PRIOR TO THE END OF THE WORKING DAY.

CONTINGENCY ITEMS

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE FOR USE "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

(SPC)	8 INCH – 15 INCH SANITARY SEWER HEAVY CLEANING, AS PER PLAN	300 LF
(SPC)	8" CONDUIT POINT REPAIR, ADDITIONAL FOOTAGE, CONTINGENCY, AS PER PLAN	50 LF
(611)	MANHOLE PIPE SHELF INVERT REPAIR, AS PER PLAN	50 SF

THERE ARE VARIOUS LOCATIONS WHERE WATER SERVICE CONNECTIONS (WSC) WILL NEED TO BE ADJUSTED TO MAINTAIN 18" VERTICAL CLEARANCE BETWEEN THE WSC AND THE PROPOSED STORM SEWER. WSC IS TO GO ABOVE PROPOSED STORM SEWER IF THERE IS AT LEAST 48" COVER TO TOP OF WSC. ELSE, THE WSC IS TO GO UNDERNEATH PROPOSED STORM SEWER. IF EXISTING WSC IS FOUND TO BE COPPER, WSC REPLACEMENT LIMITS SHALL BE THE TRENCH WIDTH OF THE PROPOSED STORM SEWER WITH RECONNECTIONS MADE TO EXISTING WSC WITH UNION COUPLINGS. IF EXISTING WSC IS FOUND TO BE LEAD, THE CONTRACTOR IS TO REPLACE THE CONNECTION FROM MAIN TO CURB STOP AS DIRECTED BY VILLAGE. WSC REPLACEMENTS FROM MAIN TO CURB STOP SHALL BE PAID AS "1 INCH COPPER SERVICE BRANCH (LONG), AS PER PLAN". WSC REPLACEMENTS SPANNING THE STORM TRENCH SHALL BE PAID AS "WATER SERVICE REPLACEMENT, AS DIRECTED".

(638)	LEAD WATER SERVICE REPLACEMENT, FROM CURB TO HOUSE VALVE/METER, AS DIRECTED	15 EACH
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THERE ARE VARIOUS LOCATIONS WHERE THE SANITARY SEWER AND STORM SEWER MAY NEED TO BE EXPOSED AND REPAIRED. THE FOLLOWING QUANTITY IS INCLUDED FOR THE FULL DEPTH PAVEMENT REPAIR NEEDED TO PERFORM THIS REPAIR.

(305)	8 INCH CONCRETE BASE	220 SY
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VIDEOTAPING

THE CONTRACTOR SHALL PROVIDE ABOVE GROUND VIDEOTAPING OF ALL WORK AREAS PRIOR TO THE BEGINNING OF THE WORK. THE CONTRACTOR SHALL NOT START WORK UNTIL SUCH TIME AS THE ENGINEER HAS BEEN PROVIDED A COPY OF THE COMPLETE VIDEO.

MATERIAL SPECIFICATIONS

MATERIAL SPECIFICATIONS CALLED FOR ON THE PLANS REPRESENT THE MINIMUM REQUIRED FOR EACH APPLICATION. THE OWNER MAY REQUEST OR THE CONTRACTOR MAY DESIRE TO SUBSTITUTE ALTERNATE MATERIALS. ANY SUCH SUBSTITUTIONS MUST BE EQUIVALENT IN QUALITY TO THE MATERIAL CALLED FOR AND MUST BE APPROVED IN WRITING BY THE APPROVING AGENCIES AND THE ENGINEER.

THE CONTRACTOR SHALL INCLUDE THE COST OF GRANULAR BACKFILL MATERIAL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.

SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.

STORM SEWER PIPING LESS THAN 12" IN DIAMETER SHALL BE PVC SDR 35 PER ODOT 707.45. STORM SEWER PIPING 12" TO 30" IN DIAMETER SHALL BE HDPE PIPE WITH FITTINGS CONFORMING TO O.D.O.T. SPECIFICATION 707.33 (HDPE).

SANITARY SEWER LATERAL MATERIALS SHALL BE AS LISTED ON THE LAKE COUNTY APPROVED MATERIALS LIST.

WATER MAIN PIPING SHALL BE C909 PVCO, CONFORMING TO AWWA C909

WATER SERVICE CONNECTIONS SHALL BE COPPER, TYPE K.

ACCESS/PAVEMENT MARKINGS

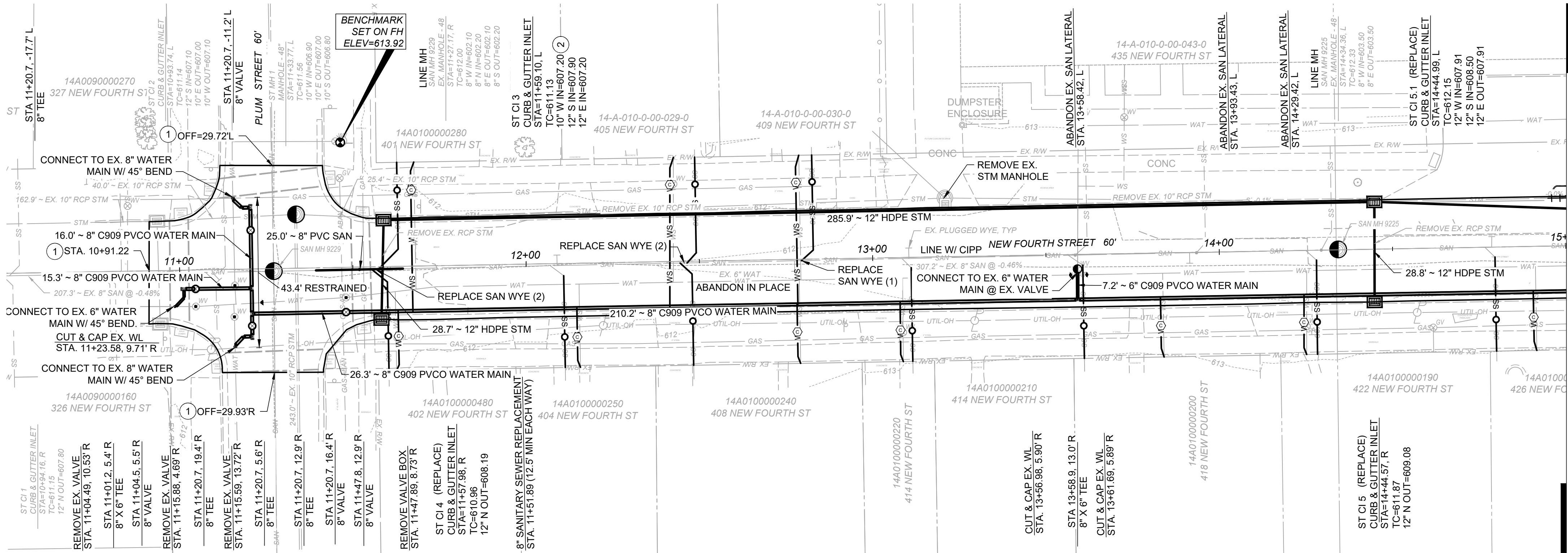
- NO WORK SHALL BE PERFORMED BETWEEN PLUM STREET AND VINE STREET UNTIL JUNE 1ST. ALL WORK BETWEEN PLUM STREET AND VINE STREET SHALL BE COMPLETE BEFORE THE START OF THE NEW SCHOOL YEAR. SCHOOL VEHICULAR AND PEDESTRIAN ACCESS FROM BOTH PLUM STREET AND VINE STREET SHALL BE PROVIDED DURING THE SCHOOL YEAR AND CONTRACTOR SHALL COORDINATE WITH SCHOOL STAFF.
- THE CONTRACTOR SHALL REPLACE AND/OR INSTALL ALL CROSSWALK, STOP BARS AND OTHER PAVEMENT MARKINGS IMPACTED DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

ENBRIDGE GAS OHIO NOTE

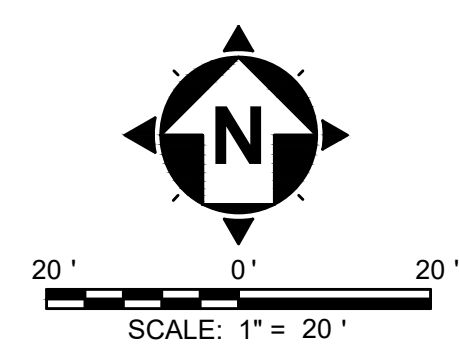
IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF EGO'S PIPELINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING).

ONE-FOOT MINIMUM VERTICAL AND HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN EGO 'S EXISTING PIPELINE(S) AND ALL OTHER IMPROVEMENTS. EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY EGO FACILITY (PIPELINES, ETC.) OR APPURTENANCE (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.). EGO FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL EGO EXISTING FACILITIES, ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF EGO'S PIPELINE WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING EGO FACILITY. PLEASE CONTACT EGO 'S CORROSION DEPARTMENT: DAVE CUTUP (330-266-2121), JAMES CLAWSON (330-805-8179), AUSTIN SPEED (216-317-4486), OR CORTEZ SANDERS (216-312-2225).

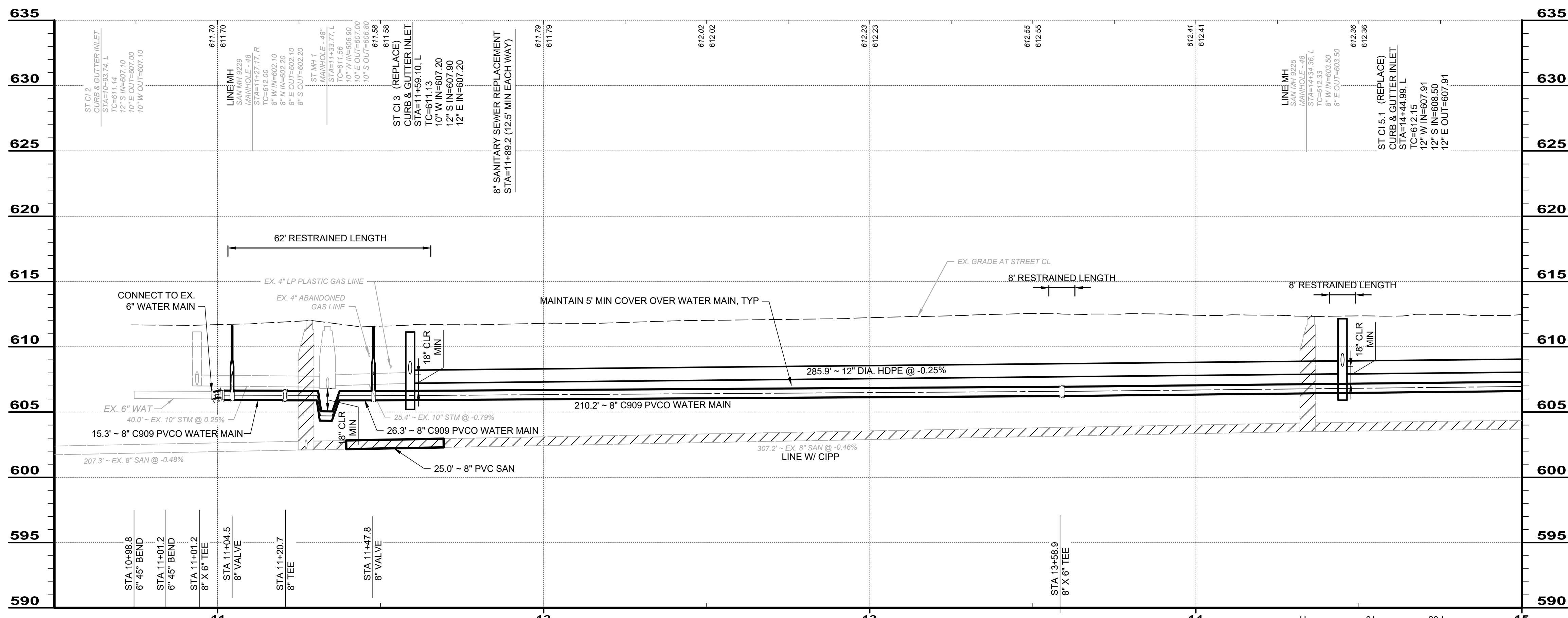
		NO	REVISION	DATE	<div>VILLAGE OF FAIRPORT HARBOR</div> <div>NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS</div> <div>LAKE COUNTY, OHIO</div>	ISSUED FOR:	BID	<div>NOTES</div>	PROJECT NO.	
						ISSUE DATE:	2/06/2026		33601	
						SCALE:	AS SHOWN		DISCIPLINE	
						DESIGNED BY:	PTV		CIVIL	
						DRAWN BY:	PTV		SHEET NAME	
						CHECKED BY:	LCH		G-02	
									SHEET	OF
									2	17



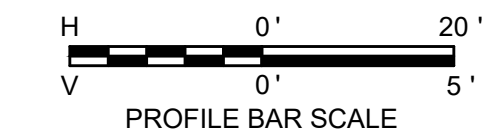
NEW FOURTH STREET - PLAN VIEW
STA 10+50 TO STA 15+00



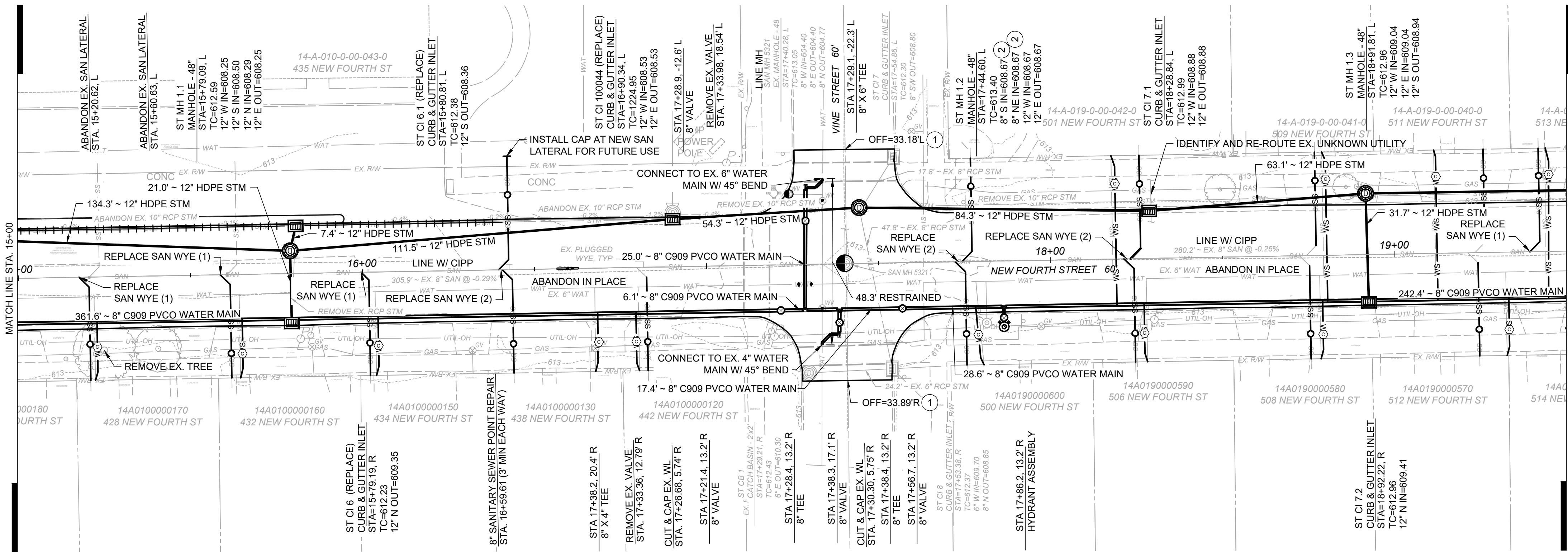
- LEGEND**
- SITE IMPROVEMENTS CODED NOTES & PROPOSED SYMBOLOGY:**
- ① APPROXIMATE PAVEMENT MILL/FILL LIMITS
ODOT ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
1.25" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), VARIABLE THICKNESS
- ② CONNECT TO EX. STORM SEWERS WITH FERNCO COUPLING
- MH, AND/OR VALVE BOX
ADJUSTED TO GRADE. LINE MH W/ CIPP
- VALVE BOX
- WS WATER SERVICE LINE REPLACEMENT AND APPROX. POSITION OF CURB STOP. CONTRACTOR SHALL LOCATE EXISTING CURB STOP.
- SS SANITARY LATERAL TO BE REPLACED AND APPROX. LOCATION OF PR. CLEANOUT
- +++++ PLUG & GROUT STORM SEWER
- NOTES:**
- SANITARY LATERALS ARE SHOWN BASED ON CCTV INVESTIGATION AND RECORD DRAWINGS WHICH WILL BE AVAILABLE FOR THE CONTRACTOR TO REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LOCATIONS AND ROUTES PRIOR TO COMMENCING WORK.
 - CONTRACTOR SHALL PERFORM EXISTING STORM SEWER CLEANING AND INVESTIGATIONS NECESSARY TO CONFIRM AND AS-BUILT THE EXISTING INVERT ELEVATIONS BEFORE ORDERING STRUCTURES. PIPE DEPTHS AND SLOPES SHALL BE CONFIRMED WITH THE VILLAGE ENGINEER PRIOR TO NEW STORM SEWER INSTALLATION.
 - THE CONTRACTOR SHALL CONTACT THE LAKE COUNTY DEPARTMENT OF UTILITIES PRIOR TO ADJUSTING SANITARY MANHOLES TO OBTAIN NEW MANHOLE CASTINGS.
 - SANITARY LATERALS DESIGNATED FOR ABANDONMENT SHALL NOT BE REINSTATED FOLLOWING CIPP LINING.
 - FOR SANITARY LATERALS DESIGNATED AS LATERAL REPLACEMENT ONLY, THE CONTRACTOR SHALL CONNECT THE NEW LATERAL WITHIN A MINIMUM OF 2 FEET FROM THE EXISTING WYE USING A MISSION COUPLER WITH STAINLESS STEEL SHEAR BAND. FOR REPLACEMENTS DESIGNATED AS BOTH WYE AND LATERAL, THE CONTRACTOR SHALL REPLACE THE WYE AND LATERAL TO THE RIGHT-OF-WAY IN ACCORDANCE WITH LAKE COUNTY DEPARTMENT OF UTILITIES (LCDU) DETAIL. WYE REPLACEMENT SHALL INCLUDE UP TO 2 FEET OF 8-INCH PVC PIPE EXTENDING FROM EACH END OF THE NEW WYE.
 - EXISTING PLUGGED WYE'S SHALL NOT BE REINSTALLED.
 - ALL EXISTING LEAD WATER SERVICES SHALL BE REPLACED UP TO THE POINT OF USE WITHIN EACH STRUCTURE PER SPECIFICATIONS.
 - ALL UNDERGROUND UTILITY CONSTRUCTION BETWEEN PLUM STREET AND VINE STREET, INCLUDING THEIR RESPECTIVE INTERSECTIONS AND THE INSTALLATION/REPAIR OF THE SCHOOL'S CONCRETE DRIVEWAYS, SHALL COMMENCE NO EARLIER THAN JUNE 1, 2026, AND MUST BE FULLY COMPLETED BY AUGUST 14, 2026. THE EXCEPTIONS TO THIS TIMELINE ARE CURB INSTALLATION AND ASPHALT PAVING IN THIS LOCATION. THROUGHOUT THE ACADEMIC SCHOOL YEAR (BEFORE JUNE 1, 2026 AND AFTER AUGUST 14, 2026), UNINTERRUPTED ACCESS TO THE SCHOOL WALKWAYS AND DRIVEWAYS MUST BE MAINTAINED EXCEPT THE IMMEDIATE AREA AT THE CURB REPLACEMENT ON THE NORTH SIDE BETWEEN PLUM ST. AND VINE ST. MAY BE IMPEDED WHILE PREPARING SUBGRADE AND PLACING THE CONCRETE CURB FOR A TOTAL OF 7 DAYS (INCLUDING CURE TIME) AND THE WEST BOUND LANE BETWEEN PLUM ST. AND VINE ST. MAY BE IMPEDED WHILE PAVING THE INTERMEDIATE AND SURFACE COURSES FOR A TOTAL OF 4 DAYS. IF THESE TIMEFRAMES ARE EXCEEDED, THE OWNER MAY CHARGE FOR THE OWNER'S AND SCHOOL'S ADDITIONAL EXPENSES TO ACCOMMODATE PEDESTRIAN AND VEHICULAR TRAFFIC. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING IN A TIMELY MANNER WITH SCHOOL PERSONNEL REGARDING ANY CONSTRUCTION ACTIVITIES THAT MAY IMPACT SCHOOL ACCESS.
 - IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE EXISTING WATER CURB STOPS AND WATER LATERALS LOCATIONS AND ROUTES FROM MAIN LINE TO CURB STOP AND R/W PRIOR TO COMMENCING WORK. LATERAL AND CURB STOPS ARE SHOWN FOR REFERENCE ONLY.
 - IF LEAD WATER SERVICE IS DETECTED, CONTRACTOR SHALL REPLACE UP TO METER WITHIN EACH STRUCTURE/BASEMENT PER SPECIFICATIONS.
 - FOR CONNECTION OF NEW WATER MAIN TO EXISTING WATER MAINS: IF THE EXISTING SIZE DIFFERS FROM WHAT IS SHOWN ON THE PLANS, CONTRACTOR SHALL INSTALL THE NECESSARY REDUCER/FITTINGS TO COMPLETE THE CONNECTION AT NO ADDITIONAL COST TO THE VILLAGE.
 - ALL PARCELS WITHIN THE PROJECT AREA SHALL BE CONSIDERED TO HAVE ONE (1) OF EACH SERVICE LINE/LATERAL (WATER, SANITARY, STORM AND GAS) TO BE PRESENT, WHETHER ILLUSTRATED IN THE PLANS OR NOT. IF NOT ILLUSTRATED IN THE PLANS, THE CONTRACTOR IS EXPECTED TO FIELD LOCATE PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL REMOVE THE VALVE AND VALVE BOX WHERE SHOWN FOR THE INSTALLATION OF PROPOSED VALVES, FITTINGS AND CONNECTIONS TO THE EXISTING WATER MAINS. VALVE BOXES SHALL BE REMOVED WHERE EXISTING VALVES ARE SHOWN TO BE ABANDONED AND THE CONTRACTOR SHALL REPAIR THE AFFECTED AREA IN KIND AND DISPOSE OF REMOVED VALVES AND BOXES AT NO ADDITIONAL COST TO THE VILLAGE.



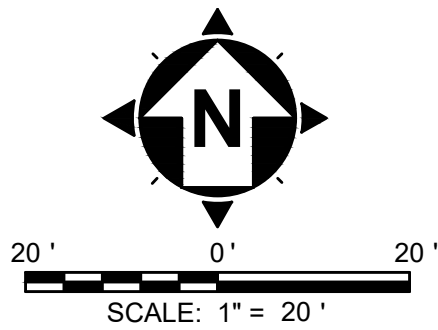
NEW FOURTH STREET - PROFILE VIEW
STA 10+50 TO STA 15+00



		NO	REVISION	DATE	VILLAGE OF FAIRPORT HARBOR NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS LAKE COUNTY, OHIO	ISSUED FOR:	BID	PLAN AND PROFILE STA 10+50 TO 15+00	PROJECT NO. 33601	
		ISSUE DATE:	2/06/2026	DISCIPLINE CIVIL						
		SCALE:	AS SHOWN	SHEET NAME C-01						
		DESIGNED BY:	PTV	SHEET		OF				
		DRAWN BY:	PTV	4		17				
CHECKED BY:	LCH									



NEW FOURTH STREET - PLAN VIEW
STA 15+00 TO STA 19+50



LEGEND

SITE IMPROVEMENTS CODED NOTES & PROPOSED SYMBOLOLOGY:

- 1 APPROXIMATE PAVEMENT MILL/FILL LIMITS
ODOT ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE,
TYPE 1, (448), PG64-22
1.25" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449),
VARIABLE THICKNESS
- 2 CONNECT TO EX. STORM SEWERS WITH FERNCO COUPLING
- MH, AND/OR VALVE BOX,
ADJUSTED TO GRADE. LINE MH W/ CIPP
- VALVE BOX
- WS WATER SERVICE LINE REPLACEMENT AND APPROX.
POSITION OF CURB STOP. CONTRACTOR SHALL LOCATE
EXISTING CURB STOP.
- SS SANITARY LATERAL TO BE REPLACED AND APPROX.
LOCATION OF PR. CLEANOUT
- PLUG & GROUT STORM SEWER

NOTES:

1. SANITARY LATERALS ARE SHOWN BASED ON CCTV INVESTIGATION AND RECORD DRAWINGS WHICH WILL BE AVAILABLE FOR THE CONTRACTOR TO REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LOCATIONS AND ROUTES PRIOR TO COMMENCING WORK.

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3. THE CONTRACTOR SHALL CONTACT THE LAKE COUNTY DEPARTMENT OF UTILITIES PRIOR TO ADJUSTING SANITARY MANHOLES TO OBTAIN NEW MANHOLE CASTINGS.

4. SANITARY LATERALS DESIGNATED FOR ABANDONMENT SHALL NOT BE REINSTATED FOLLOWING CIPP LINING.

5. FOR SANITARY LATERALS DESIGNATED AS LATERAL REPLACEMENT ONLY, THE CONTRACTOR SHALL CONNECT THE NEW LATERAL WITHIN A MINIMUM OF 2 FEET FROM THE EXISTING WYE USING A MISSION COUPLER WITH STAINLESS STEEL SHEAR BAND. FOR REPLACEMENTS DESIGNATED AS BOTH WYE AND LATERAL, THE CONTRACTOR SHALL REPLACE THE WYE AND LATERAL TO THE RIGHT-OF-WAY IN ACCORDANCE WITH LAKE COUNTY DEPARTMENT OF UTILITIES (LCOU) DETAIL. WYE REPLACEMENT SHALL INCLUDE UP TO 2 FEET OF 8-INCH PVC PIPE EXTENDING FROM EACH END OF THE NEW WYE.

6. EXISTING PLUGGED WYE'S SHALL NOT BE REINSTALLED.

7. ALL EXISTING LEAD WATER SERVICES SHALL BE REPLACED UP TO THE POINT OF USE WITHIN EACH STRUCTURE PER SPECIFICATIONS.

8. ALL UNDERGROUND UTILITY CONSTRUCTION BETWEEN PLUM STREET AND VINE STREET, INCLUDING THEIR RESPECTIVE INTERSECTIONS AND THE INSTALLATION/REPAIR OF THE SCHOOL'S CONCRETE DRIVEWAYS, SHALL COMMENCE NO EARLIER THAN JUNE 1, 2026, AND MUST BE FULLY COMPLETED BY AUGUST 14, 2026. THE EXCEPTIONS TO THIS TIMELINE ARE CURB INSTALLATION AND ASPHALT PAVING IN THIS LOCATION. THROUGHOUT THE ACADEMIC SCHOOL YEAR (BEFORE JUNE 1, 2026 AND AFTER AUGUST 14, 2026), UNINTERRUPTED ACCESS TO THE SCHOOL WALKWAYS AND DRIVEWAYS MUST BE MAINTAINED EXCEPT THE IMMEDIATE AREA AT THE CURB REPLACEMENT ON THE NORTH SIDE BETWEEN PLUM ST. AND VINE ST. MAY BE IMPEDED WHILE PREPARING SUBGRADE AND PLACING THE CONCRETE CURB FOR A TOTAL OF 7 DAYS (INCLUDING CURE TIME) AND THE WEST BOUND LANE BETWEEN PLUM ST. AND VINE ST. MAY BE IMPEDED WHILE PAVING THE INTERMEDIATE AND SURFACE COURSES FOR A TOTAL OF 4 DAYS. IF THESE TIMEFRAMES ARE EXCEEDED, THE OWNER MAY CHARGE FOR THE OWNER'S AND SCHOOL'S ADDITIONAL EXPENSES TO ACCOMMODATE PEDESTRIAN AND VEHICULAR TRAFFIC. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING IN A TIMELY MANNER WITH SCHOOL PERSONNEL REGARDING ANY CONSTRUCTION ACTIVITIES THAT MAY IMPACT SCHOOL ACCESS.

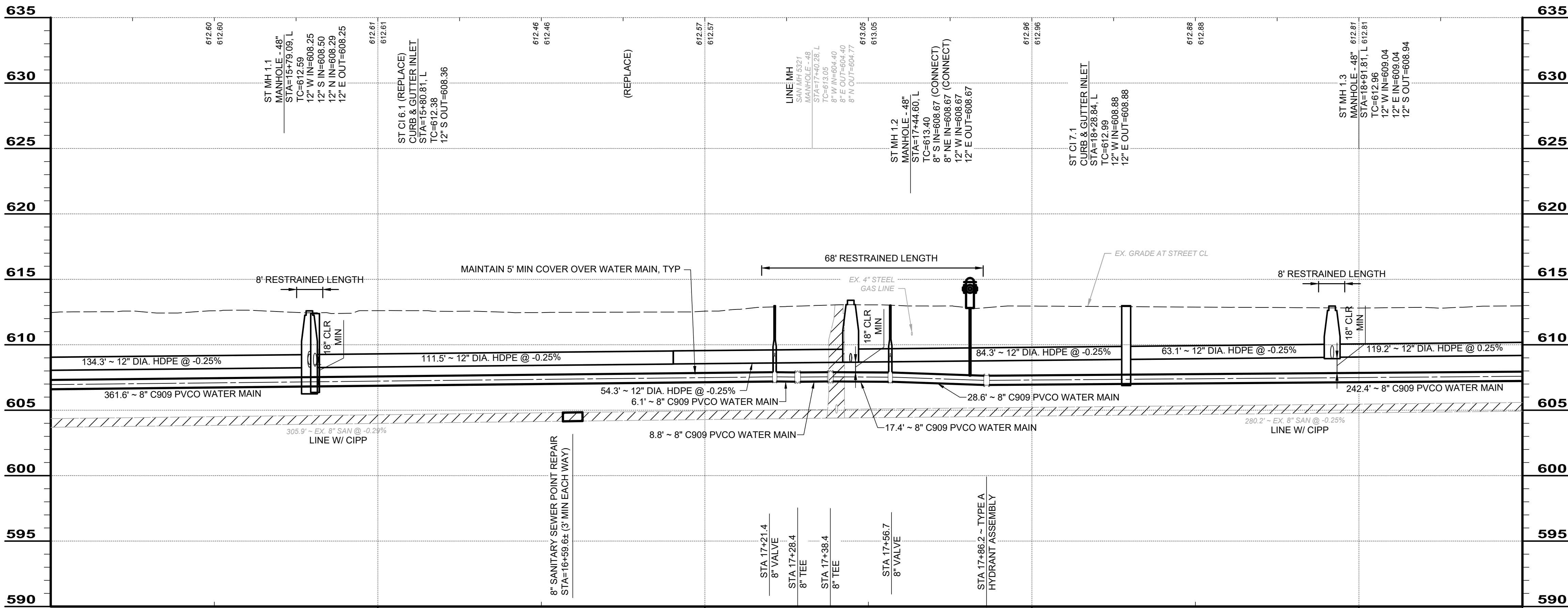
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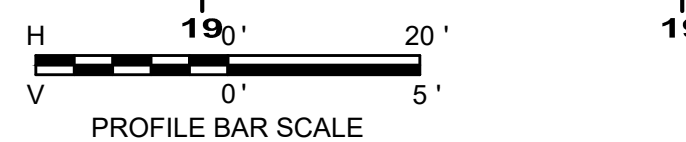
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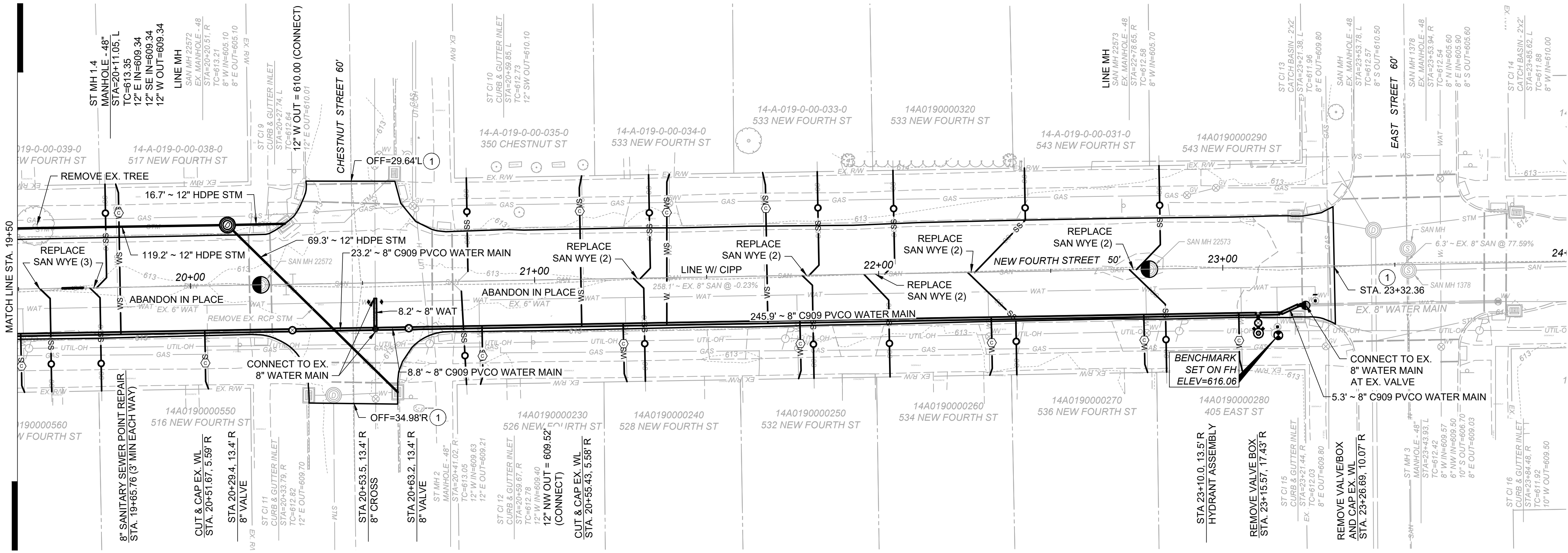


NEW FOURTH STREET - PROFILE VIEW
STA 15+00 TO STA 19+50

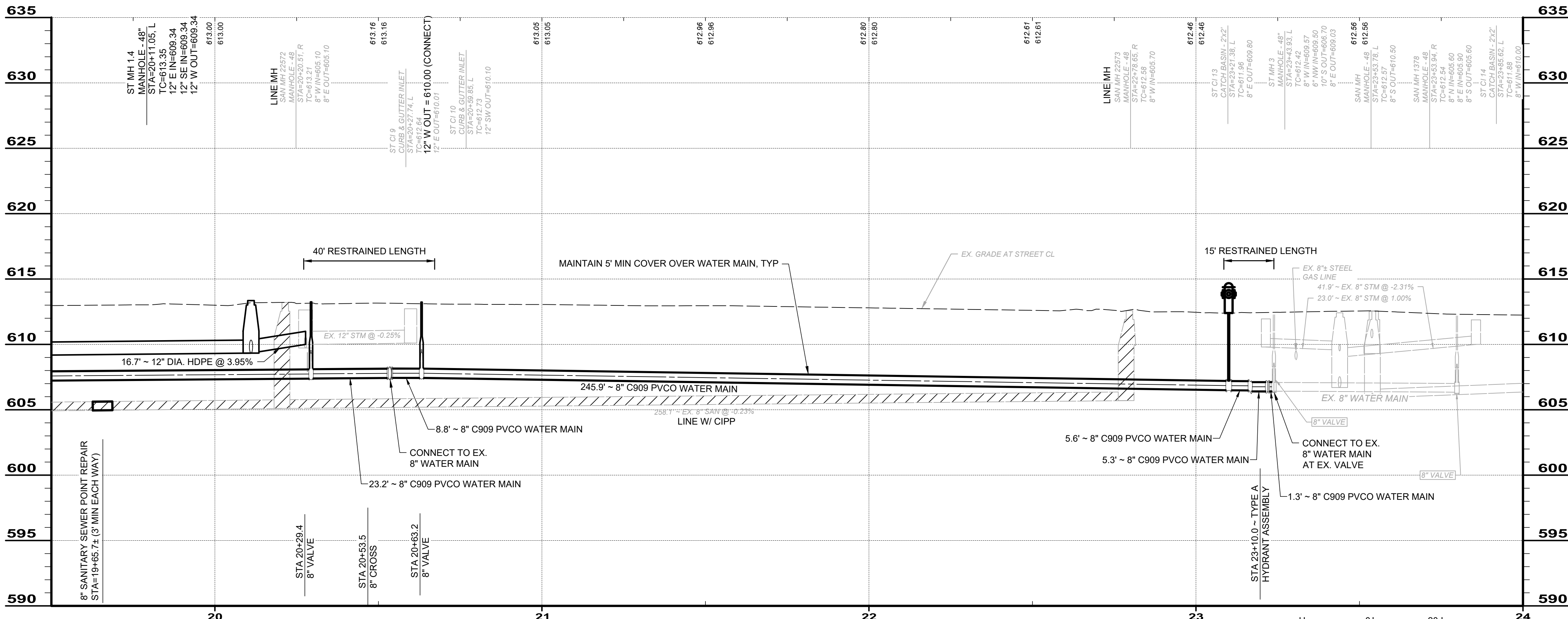


				PROJECT NO.		33601		
				DISCIPLINE		CIVIL		
				SHEET NAME		C-02		
				SHEET		5	OF 17	

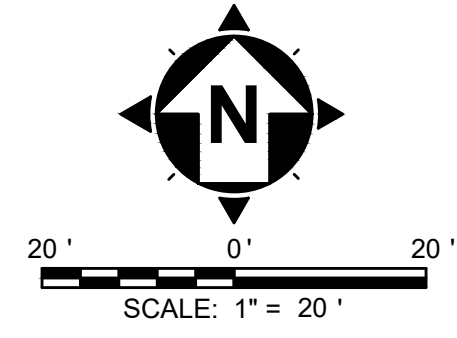
VILLAGE OF FAIRPORT HARBOR			ISSUED FOR:		BID	
NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS			ISSUE DATE:		2/06/2026	
LAKE COUNTY, OHIO			SCALE:		AS SHOWN	
			DESIGNED BY:		PTV	
			DRAWN BY:		PTV	
			CHECKED BY:		LCH	



NEW FOURTH STREET - PLAN VIEW
STA 19+50 TO STA 24+00



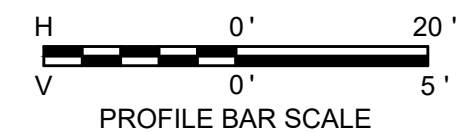
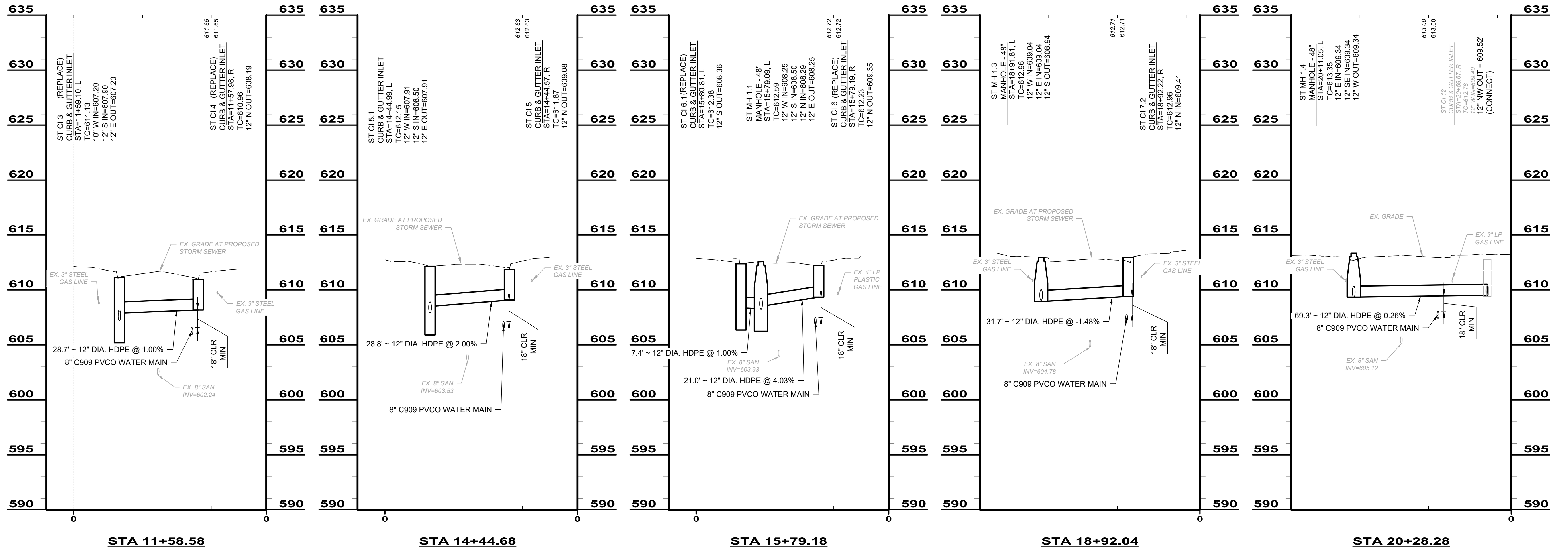
NEW FOURTH STREET - PROFILE VIEW
STA 19+50 TO STA 24+00



- LEGEND**
- SITE IMPROVEMENTS CODED NOTES & PROPOSED SYMBOLOGY:**
- APPROXIMATE PAVEMENT MILL/FILL LIMITS
ODOT ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
1.25" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), VARIABLE THICKNESS
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		NO	REVISION	DATE	VILLAGE OF FAIRPORT HARBOR NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS LAKE COUNTY, OHIO	ISSUED FOR:	BID	PLAN AND PROFILE STA 19+50 TO 24+00	PROJECT NO. 33601	
						ISSUE DATE:	2/06/2026		DISCIPLINE CIVIL	
						SCALE:	AS SHOWN		SHEET NAME C-03	
						DESIGNED BY:	PTV		SHEET 6	
						DRAWN BY:	PTV		OF 17	
						CHECKED BY:	LCH			

C:\CTCAD\DRIVER\H36010 - FAIRPORT HARBOR\4TH ST. STM AND SANICAD\DWG\SHEET\336010-PLAN & PROFILE.DWG - C-03 - 2/4/2026 3:59:27 PM - PETE VRETTAS



STATE OF OHIO

LENE C. HILL

E-66017

REGISTERED PROFESSIONAL ENGINEER

NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR

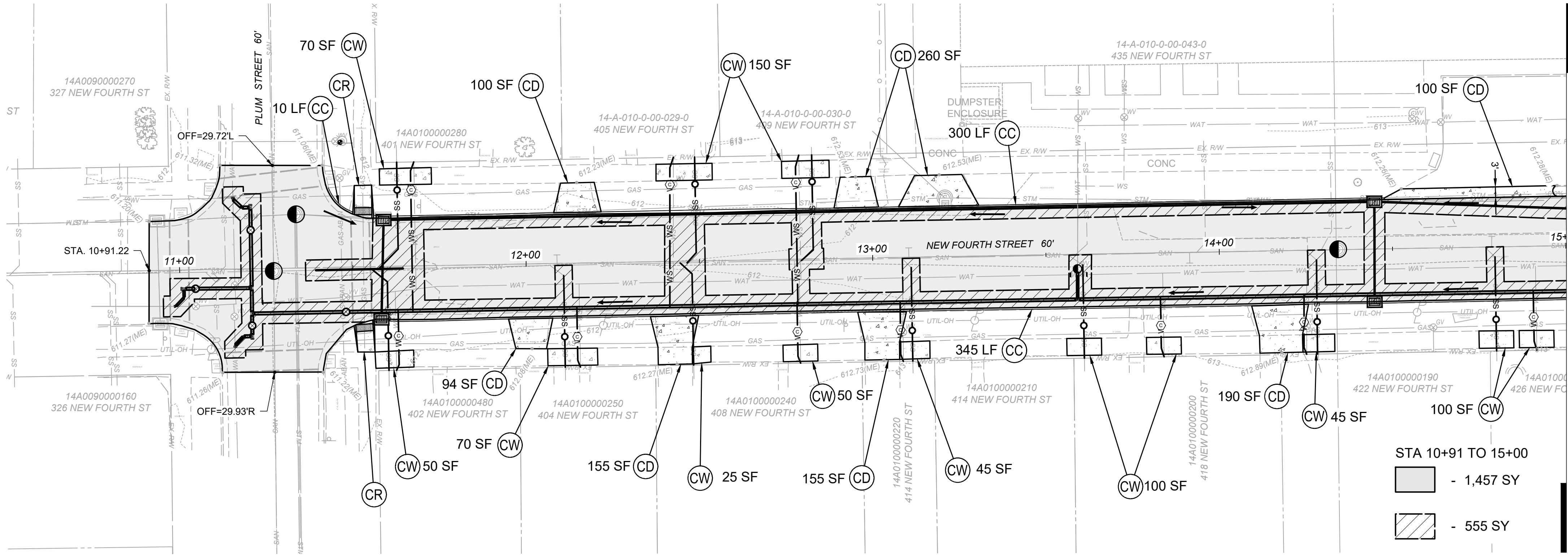
NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS

LAKE COUNTY, OHIO

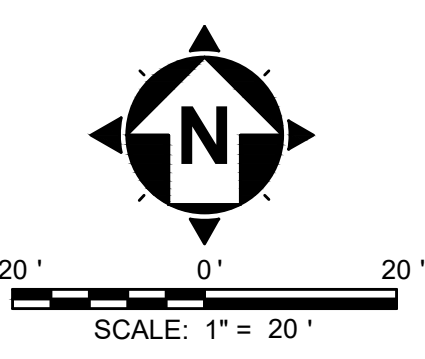
ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
SCALE:	AS SHOWN
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PROFILES

PROJECT NO.	
33601	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-04	
SHEET	OF
7	17

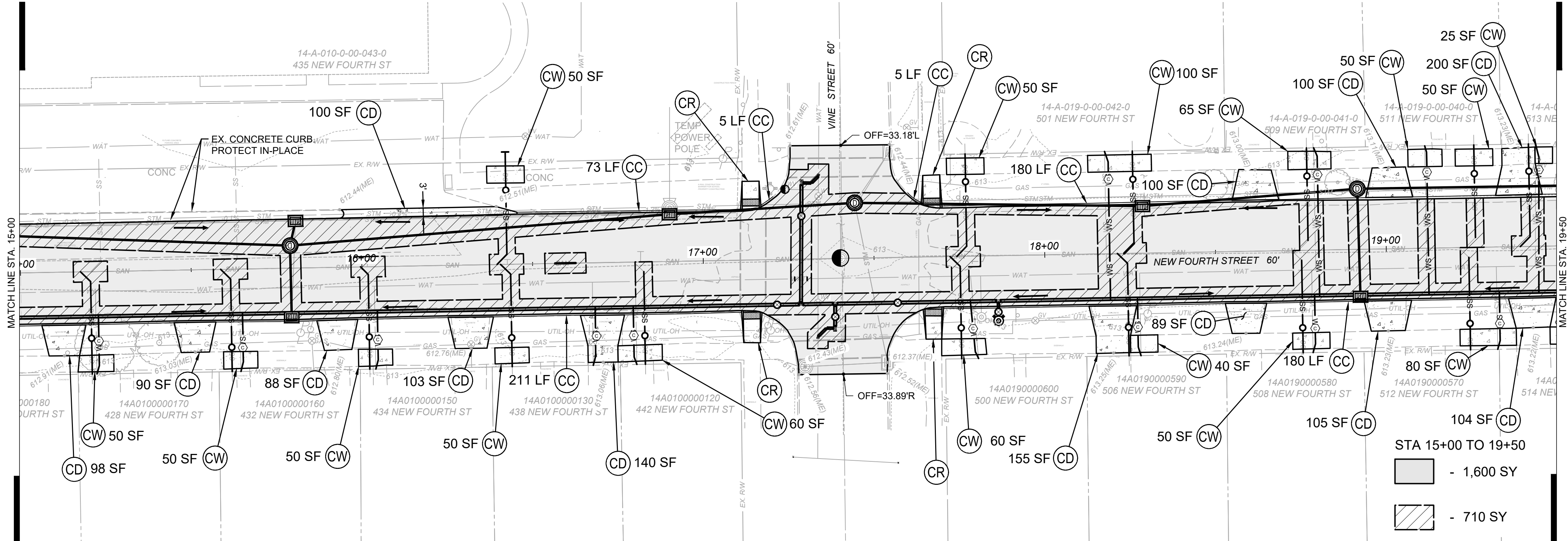


NEW FOURTH STREET - PLAN VIEW
STA 10+50 TO STA 15+00



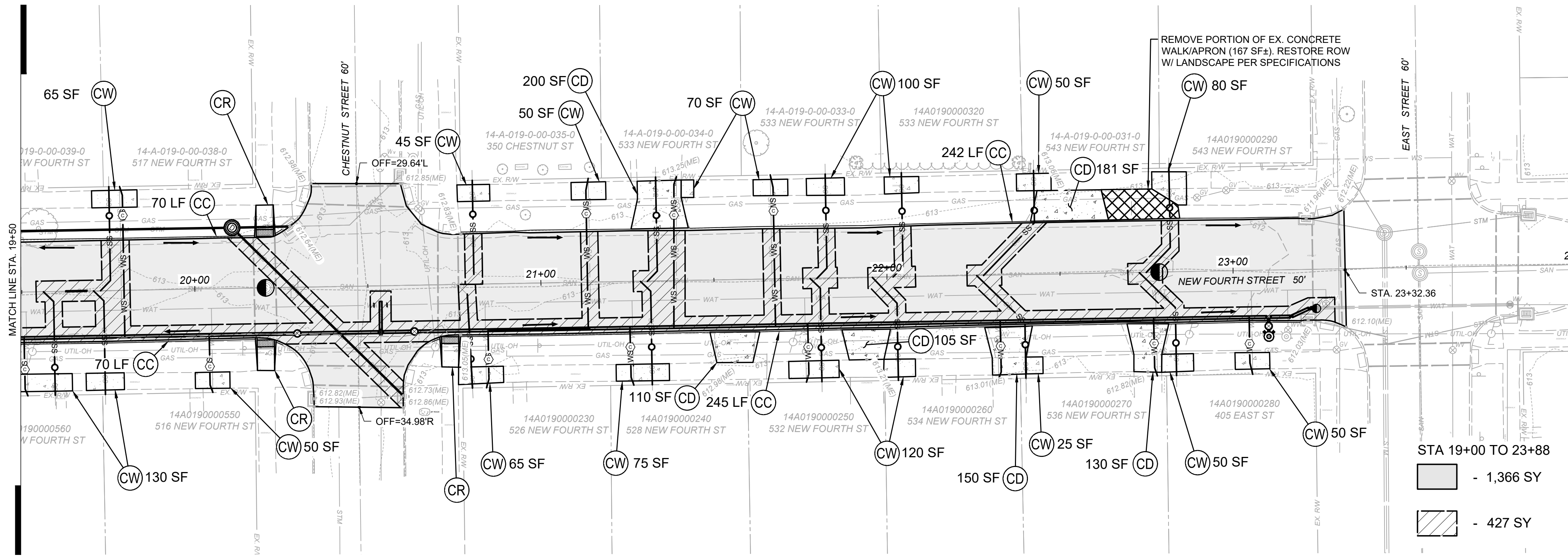
- NOTES:**
- EXISTING INFORMATION IS ILLUSTRATED UTILIZING FIELD SURVEY DATA AND RECORD INFORMATION OBTAINED IN APRIL 2025.
 - NO WORK SHALL BE PERFORMED BETWEEN PLUM STREET AND VINE STREET UNTIL JUNE 1ST. ALL WORK BETWEEN PLUM STREET AND VINE STREET SHALL BE COMPLETE BEFORE THE START OF THE NEW SCHOOL YEAR. SCHOOL ACCESS SHALL BE PROVIDED DURING THE SCHOOL YEAR AND CONTRACTOR SHALL COORDINATE WITH SCHOOL STAFF.
 - THE CONTRACTOR SHALL REPLACE AND/OR INSTALL ALL CROSSWALK, STOP BARS AND OTHER PAVEMENT MARKINGS IMPACTED DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

- LEGEND**
- CC - TYPE 4-C CONCRETE CURB
 - CW - CONCRETE SIDEWALK REPLACEMENT
 - CD - CONCRETE DRIVE REPLACEMENT
 - CR - CONCRETE CURB RAMP REPLACEMENT
 - [Solid Gray Box] - TACK COAT, INTERMEDIATE COURSE & SURFACE COURSE
 - [Hatched Box] - 8" CONCRETE BASE REPAIR
 - [Circle with Dot] - MH, AND/OR VALVE BOX ADJUSTED TO GRADE

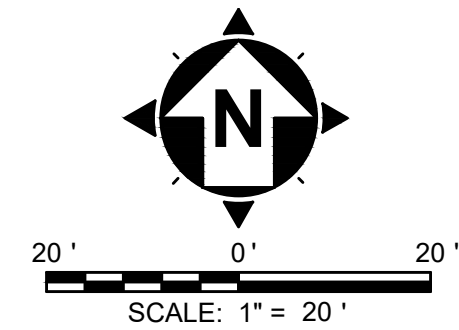


NEW FOURTH STREET - PLAN VIEW
STA 15+00 TO STA 19+50

 	NO	REVISION	DATE	VILLAGE OF FAIRPORT HARBOR NEW FOURTH ST. STORM, SANITARY & WATER IMPROVEMENTS LAKE COUNTY, OHIO	ISSUED FOR:	BID	PAVEMENT REPLACEMENT	PROJECT NO. 33601	
					ISSUE DATE:	2/06/2026		DISCIPLINE CIVIL	
					SCALE:	AS SHOWN		SHEET NAME PR-01	
					DESIGNED BY:	PTV		SHEET	OF
					DRAWN BY:	PTV		8	17
					CHECKED BY:	LCH			



NEW FOURTH STREET - PLAN VIEW
STA 19+50 TO STA 24+00



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- CONCRETE DRIVE REPLACEMENT
- CONCRETE CURB RAMP REPLACEMENT
- TACK COAT, INTERMEDIATE COURSE & SURFACE COURSE
- 8" CONCRETE BASE REPAIR
- MH, AND/OR VALVE BOX ADJUSTED TO GRADE



NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
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PAVEMENT
REPLACEMENT

PROJECT NO.	33601
DISCIPLINE	CIVIL
SHEET NAME	PR-02
SHEET	OF
9	17

RESTORATION/SEDIMENTATION AND EROSION CONTROL

- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND OTHER AREAS AS SHOWN ON PLANS SHALL BE PROPERLY RESTORED WITH 4" OF TOPSOIL, SEEDING AND MULCHING PER THE SPECIFICATIONS.
- IN ALL DISTURBED AREAS THE CONTOURS WILL BE RESTORED IN A MANNER THAT MAINTAINS EXISTING DRAINAGE PATTERNS. FOLLOWED BY SEEDING AND MULCHING. IF, DUE TO WEATHER, FINAL GRADING CANNOT BE ACCOMPLISHED IMMEDIATELY, TEMPORARY SEEDING & MULCHING, WITHIN SEVEN DAYS, WILL BE USED UNTIL FINAL RESTORATION CAN OCCUR.
- SILT FENCING SHALL BE EXTRA STRENGTH SYNTHETIC FILTER FABRIC HAVING A MINIMUM FLOW RATE OF 0.3 GA/SQ.FT/MINUTE AND SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0°F. TO 120°F. SEE STANDARD DETAIL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING INSPECTIONS OF ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER ALL STORMS THAT PRODUCE MORE THAN ONE-HALF (1/2") INCH TOTAL RAINFALL. ANY NEEDED REPAIRS SHALL BE PERFORMED IMMEDIATELY. THE CONTRACTOR SHALL DOCUMENT ALL INSPECTIONS AND ANY REPAIRS THAT ARE DONE TO MAINTAIN EFFICIENCY.
- CONTRACTOR SHALL REMOVE DAILY ALL MUD, SOIL AND DEBRIS THAT MAY BE TRACKED ONTO EXISTING STREETS, DRIVES OR WALKS BY HIS EQUIPMENT OR THAT OF SUBCONTRACTORS OR SUPPLIERS.
- PROJECT DESCRIPTION

THE PROJECT CONSISTS OF ROADWAY RECONSTRUCTION USING ASPHALTIC CONCRETE PAVEMENT MATERIALS AND CONCRETE CURBS; CONCRETE DRIVES, APRONS, WALKS AND RAMPS REPLACEMENTS; SANITARY AND STORM SEWER LATERALS AND MAIN REPLACEMENTS; CATCH BASINS AND MANHOLES; WATER MAIN, FIRE HYDRANT ASSEMBLY AND WATER SERVICE REPLACEMENTS; ADJUSTMENTS TO GRADES; MAINTENANCE OF TRAFFIC; LAYOUTS; SEEDING AND MULCHING; AND EROSION AND SEDIMENT CONTROL IN THE VILLAGE OF FAIRPORT, COUNTY OF LAKE, STATE OF OHIO.

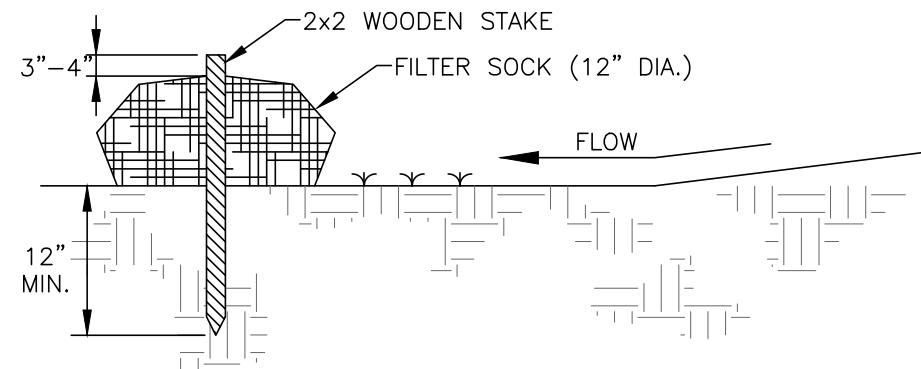
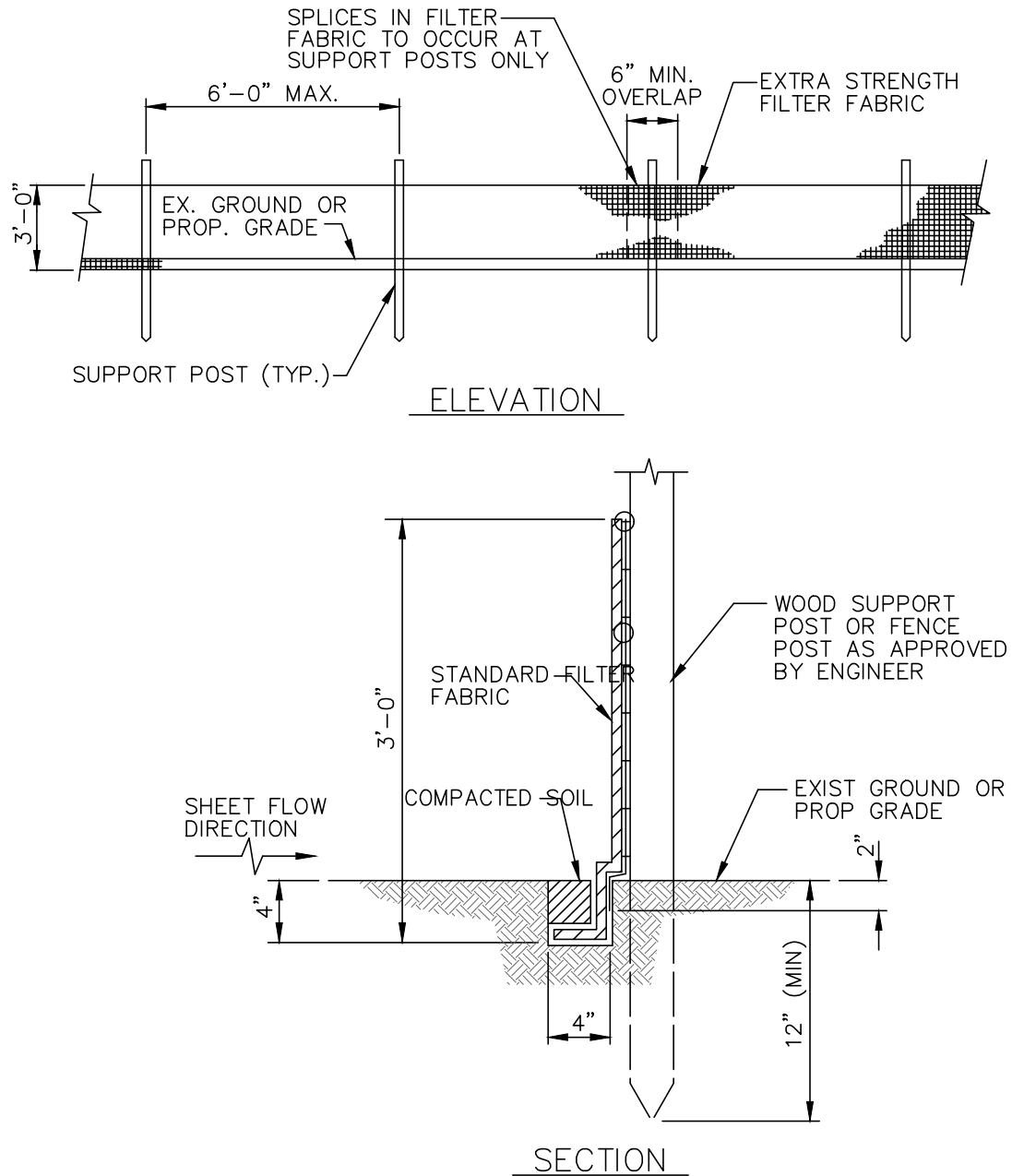
NOTES:

- SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
- WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
- THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 INCHES OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6-INCH-DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
- SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
- MAINTENANCE - SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE:
 - THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED,
 - ACCUMULATED SEDIMENT SHALL BE REMOVED, OR
 - OTHER PRACTICES SHALL BE INSTALLED.
- SILT FENCE MATERIALS
 - FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32 INCHES LONG. WOOD POSTS WILL BE 2 X 2 INCH HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FEET.
 - SILT FENCE FABRIC (SEE CHART BELOW):

FABRIC PROPERTIES	VALUES	TEST METHOD
GRAB TENSILE STRENGTH	90 LB. MINIMUM	ASTM D 1682
MULLEN BURST STRENGTH	190 PSI MINIMUM	ASTM D 3786
SLURRY FLOW RATE	0.3 GAL./MIN./F2 MAXIMUM	
EQUIVALENT OPENING SIZE	40-80	US STD. SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY	90% MINIMUM	ASTM-G-26

SILT FENCE DETAIL

NOT TO SCALE



MATERIALS:

COMPOST USED FOR FILTER SOCKS SHALL BE WEED, PATHOGEN AND INSECT FREE AND FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. THEY SHALL BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".

INSTALLATION:

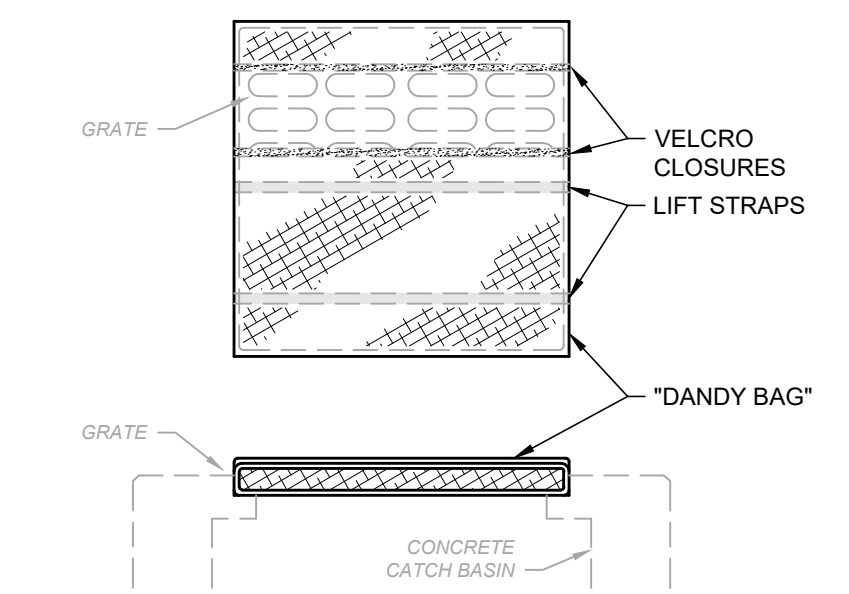
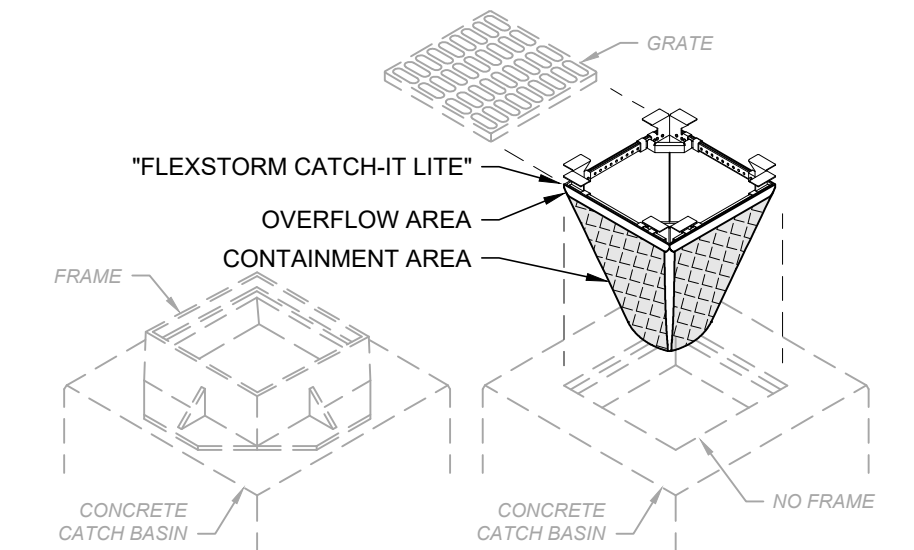
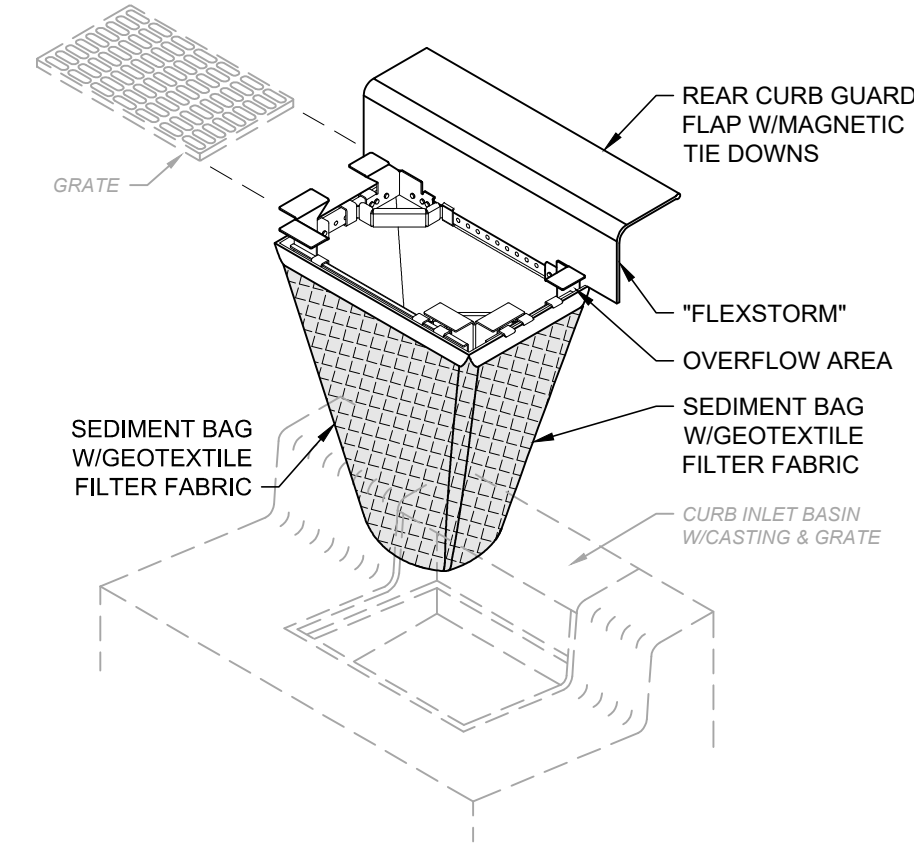
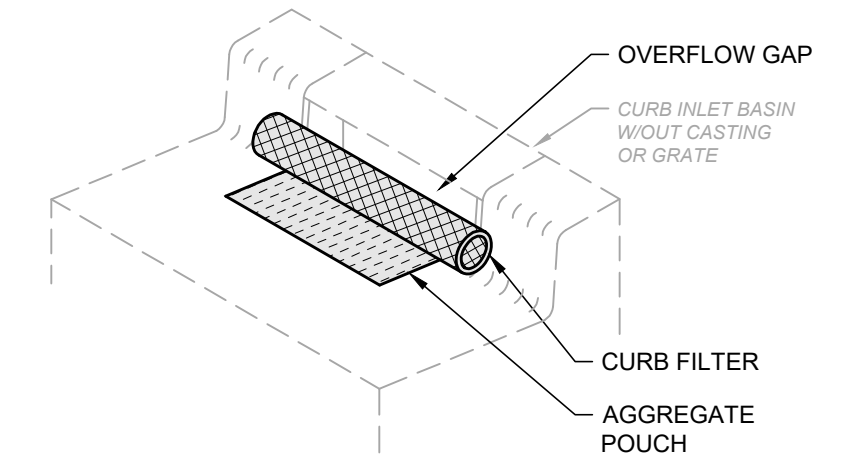
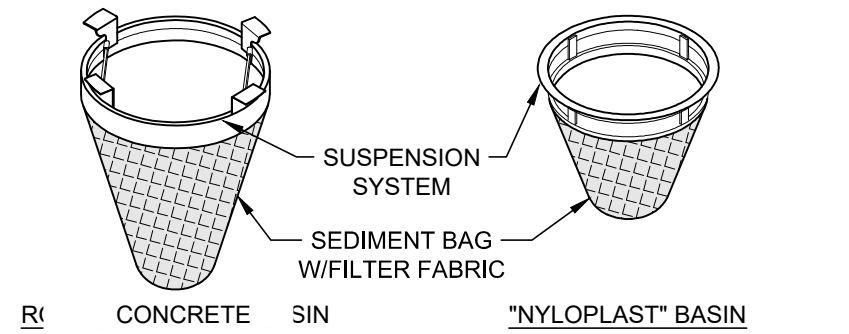
- FILTER SOCKS WILL BE PLACED ON A LEVEL LINE ACROSS SLOPES; GENERALLY PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREA. ON SLOPES APPROACHING 2:1; ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND AS NEEDED MID-SLOPE.
- FILTER SOCKS INTENDED TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, SHALL BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
- FILTER SOCKS ARE NOT TO BE USED IN CONCENTRATED FLOW SITUATIONS OR IN RUNOFF CHANNELS.

MAINTENANCE:

- ROUTINELY INSPECT FILTER SOCKS AFTER EACH SIGNIFICANT RAIN, MAINTAINING FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
- REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE FILTER SOCKS WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE PRACTICE.
- WHERE THE FILTER SOCK DETERIORATES OR FAILS, IT WILL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
- REMOVAL - FILTER SOCKS WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED IN SUCH A WAY AS TO FACILITATE AND NOT OBSTRUCT SEEDINGS.

FILTER SOCK
(SILT FENCE ALTERNATE)

NO SCALE

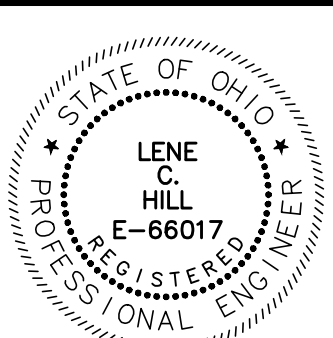


NOTES:

- ALL NEW AND EXISTING STORM INLET BASINS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED.
- INLET PROTECTION SHALL BE INSTALLED AS EACH STORM INLET IS CONSTRUCTED.
- NOT ALL ITEMS SHOWN MAY APPLY OR DIFFERENT TYPES OR CONFIGURATIONS MAY BE REQUIRED. THE CONTRACTOR SHALL MEASURE EACH INLET TO CONFIGURE AND ASSEMBLE CUSTOMIZED INLET FILTERS.

INLET PROTECTION DETAIL

SCALE: NONE



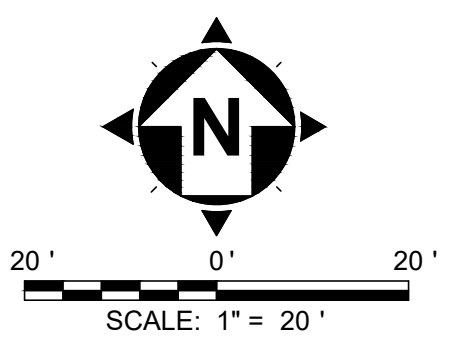
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VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
SCALE:	AS SHOWN
DESIGNED BY:	PTV
DRAWN BY:	PTV
CHECKED BY:	LCH

SWPPP

PROJECT NO.	
33601	
DISCIPLINE	
CIVIL	
SHEET NAME	
ESC-01	
SHEET	OF
10	17



LEGEND

 IP INLET PROTECTION



NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR

**NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS**

LAKE COUNTY, OHIO

ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
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SWPPP

PROJECT NO. 33601	
DISCIPLINE CIVIL	
SHEET NAME ESC-02	
SHEET 11	OF 17

ONE WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES FOR LOCAL TRAFFIC AND EMERGENCY VEHICLES. LOCAL ACCESS TO ABUTTING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ACCESS TO ALL DRIVEWAYS SHALL ALSO BE MAINTAINED AT ALL TIMES.

ALL CONSTRUCTION TRAFFIC CONTROL DEVICES USED FOR THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, HEREINAFTER REFERRED TO AS THE MANUAL, AND SHALL BE FURNISHED, ERECTED, MAINTAINED, RELOCATED AND REMOVED BY THE CONTRACTOR.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. WHERE OPERATIONS ARE PERFORMED IN PHASES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITION PRESENT DURING THE PHASE-IN PROGRESS. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF THE VIEW OF TRAFFIC. CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 641.10 OF THE OHIO SPECIFICATIONS BEFORE ANY SECTION OF ROADWAY IS MADE AVAILABLE TO USE BY TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT ITEM 614 APPLICABLE SECTIONS OF THE SPECIFICATIONS AS WELL AS THE MANUAL. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN, UNLESS OTHERWISE SEPARATELY ITEMIZED IN THE PLANS.

NO WEEKEND WORK OR WORK BETWEEN THE HOURS OF 9:00 PM TO 7:00 AM SHALL BE PERMITTED UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE ENGINEER.

TWO WEEKS PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A COMPLETE SCHEDULE OF CONSTRUCTION OPERATIONS ALONG WITH PLANS SHOWING A TRAFFIC DETOUR PLAN AND TRAFFIC CONTROL FOR EACH PHASE OF CONSTRUCTION. INCLUDED SHALL BE DETAILS OF THE PROPOSED METHODS TO MAINTAIN SAFE AND CONTINUOUS ACCESS FOR PASSENGER VEHICLES, TRUCKS AND SAFETY EQUIPMENT TO ALL ADJOINING PROPERTIES AND INTERSECTING STREETS. THESE PLANS SHALL INCLUDE ALL TEMPORARY MATERIALS NECESSARY TO PROVIDE SAFE, ADEQUATE DRIVE SURFACES TO ALL ADJOINING PROPERTIES. THE COST FOR ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO PROVIDE CONTINUOUS ACCESS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ODOT ITEM 614, MAINTAINING TRAFFIC. PLANS MUST BE SUBMITTED TO THE ENGINEER AND APPROVED PRIOR TO COMMENCING ANY WORK

THE CONTRACTOR SHALL NOTIFY ALL RESIDENCES AND BUSINESSES ALONG THE PROJECT ROUTE IN WRITING AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK. SUCH NOTICE SHALL INCLUDE, AT A MINIMUM, A BRIEF PROJECT DESCRIPTION, TENTATIVE CONSTRUCTION SCHEDULE, LIMITS OF CONSTRUCTION, THE CONTRACTOR'S NAME, ADDRESS AND PHONE NUMBER, AS WELL AS A CONTACT PERSON'S NAME AND EMERGENCY PHONE NUMBER WHERE HE COULD BE REACHED DURING NON-WORK HOURS. THE NOTICE SHALL ALSO REQUEST THAT THE PROPERTY OWNERS PROVIDE INFORMATION TO THE CONTRACTOR AND/OR VILLAGE OF FAIRPORT REGARDING THE LOCATIONS OF ANY UNDERGROUND PET FENCING, LAWN SPRINKLER SYSTEMS, YARD LIGHTING, WIRING AND ANY OTHER FACILITIES THAT ARE UNDERGROUND IN THE VICINITY OF THE PROJECT. THE NOTICE SHALL BE REVIEWED AND APPROVED BY THE VILLAGE OF FAIRPORT PRIOR TO BEING DISTRIBUTED. ALL COSTS ASSOCIATED WITH THE ABOVE SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ODOT ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN.

SIGN DIMENSION AND SPECIFICATIONS, INCLUDING LETTER SIZES, SHALL BE AS PROVIDED IN THE MANUAL OR SIGN DESIGN DRAWINGS PROVIDED IN THESE PLANS. THE SIGNS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER PRIOR TO THE START OF THE PROJECT. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ODOT ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN.

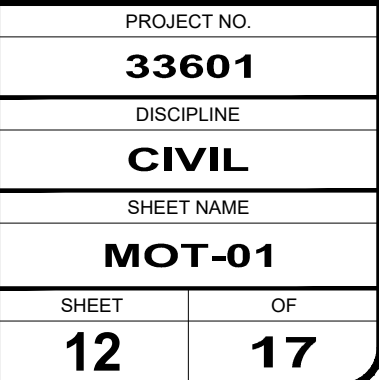
THE FAIRPORT HARBOR POLICE, FIRE, PUBLIC WORKS DEPARTMENTS, VILLAGE ENGINEER AND THE VILLAGE BOARD OF EDUCATION SHALL BE NOTIFIED AT LEAST ONE (1) WEEK PRIOR TO THE ACTUAL START OF CONSTRUCTION.

Chief of Police: David Koran
220 Third St.
Emergency: Dial 911
Dispatch Non-Emergency 440-354-3434

SIGN SUPPORTS SHALL BE OF SUFFICIENT SIZES AND HEIGHT TO SUPPORT THE SIGNS AT THE HEIGHT INDICATED IN THE MANUAL. SUPPORTS SHALL ALSO BE ADEQUATE IN MASS AND STABILITY TO PREVENT SIGNS FROM BEING BLOWN OVER BY WIND OR VECULAR-GENERATED AIR TURBULENCE. ALL COSTS FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

IT IS THE DESIRE OF THE VILLAGE OF FAIRPORT TO HAVE THE CONTRACT WORK PROCEED IN AN ORDERLY AND NEAT MANNER IN ORDER TO KEEP THE DISRUPTION TO THE RESIDENTS TO A MINIMUM. THUSLY THE CONTRACTOR IS TO PREPARE AND IMPLEMENT A WORK PHASING PLAN, APPROVED BY THE VILLAGE ENGINEER, INCLUSIVE OF THE FOLLOWING REQUIREMENTS:

- 1) DRIVE APRON ACCESS IS TO BE MAINTAINED AT ALL TIMES.
- 2) A MINIMUM OF A 11FT LANE SHALL BE USED TO MAINTAIN TRAFFIC.



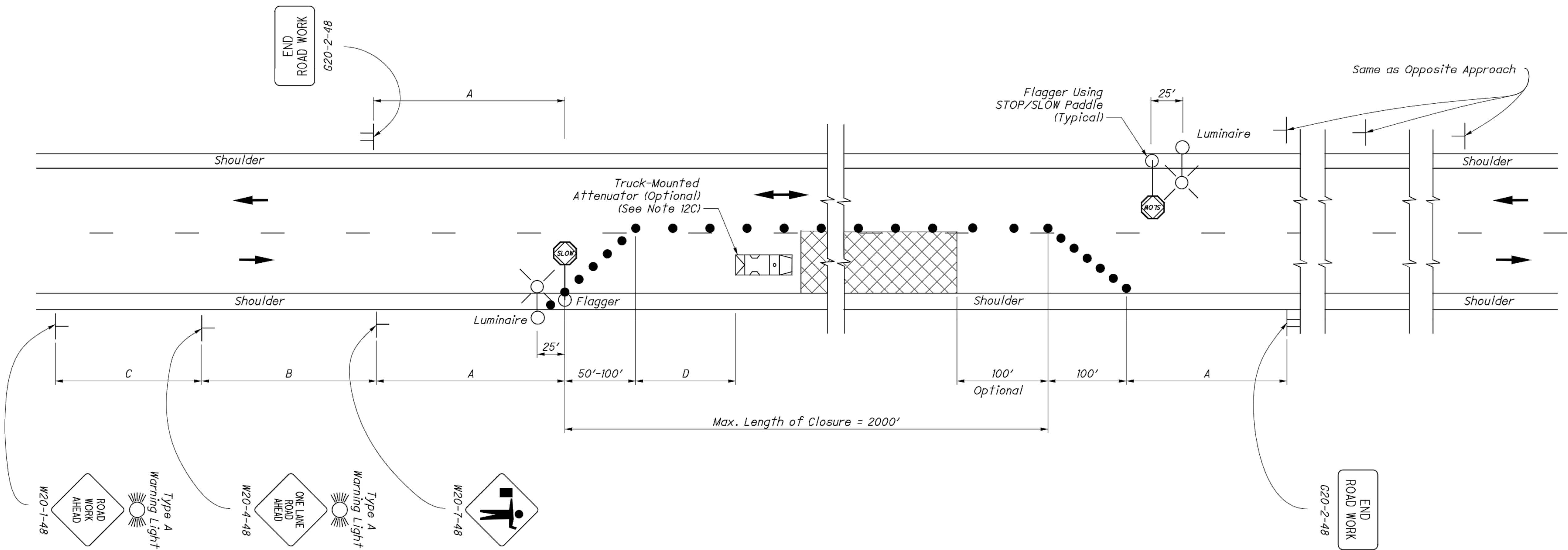


TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (< 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

LEGEND

WORK AREA	
DRUMS/CONES	
DIRECTION OF TRAVEL	
SHADOW VEHICLE WITH TMA	

SCD NUMBER	MT-97.10	OFFICE OF ROADWAY ENGINEERING	STDS. ENGINEER	Soisson	STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR	David L. Holstein	REVISION DATE	04-19-2019
THIS DRAWING REPLACES MT-97.10 DATED 07-18-2014.								
STANDARD ROADWAY CONSTRUCTION DRAWING								
FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION								



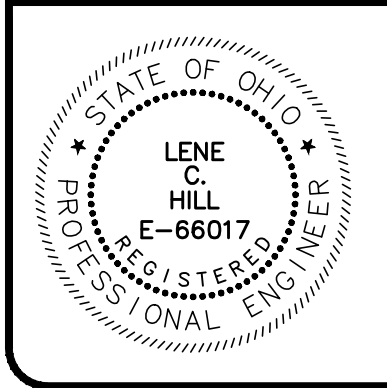
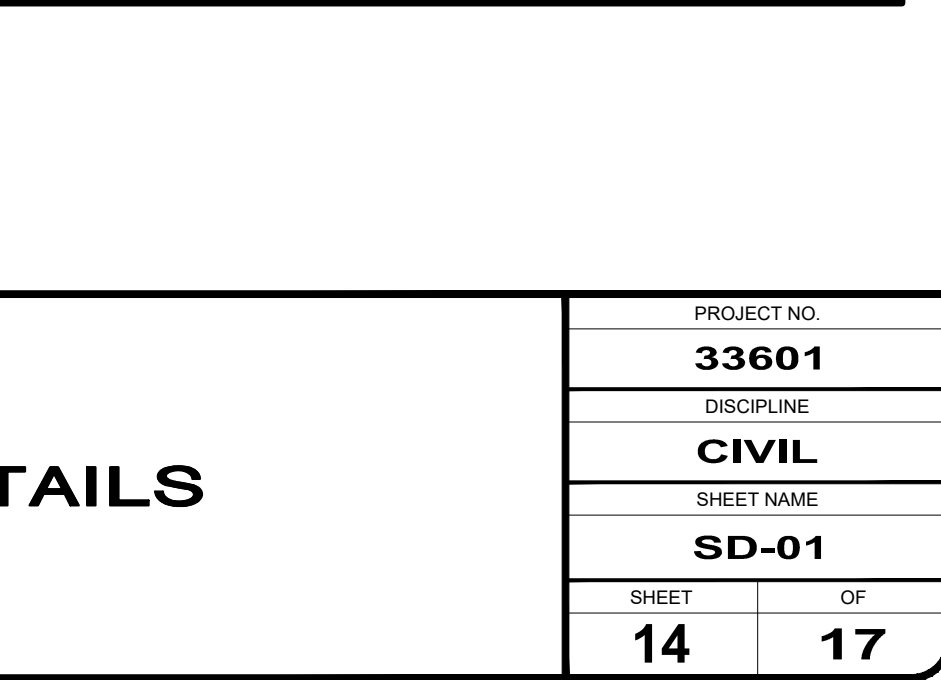
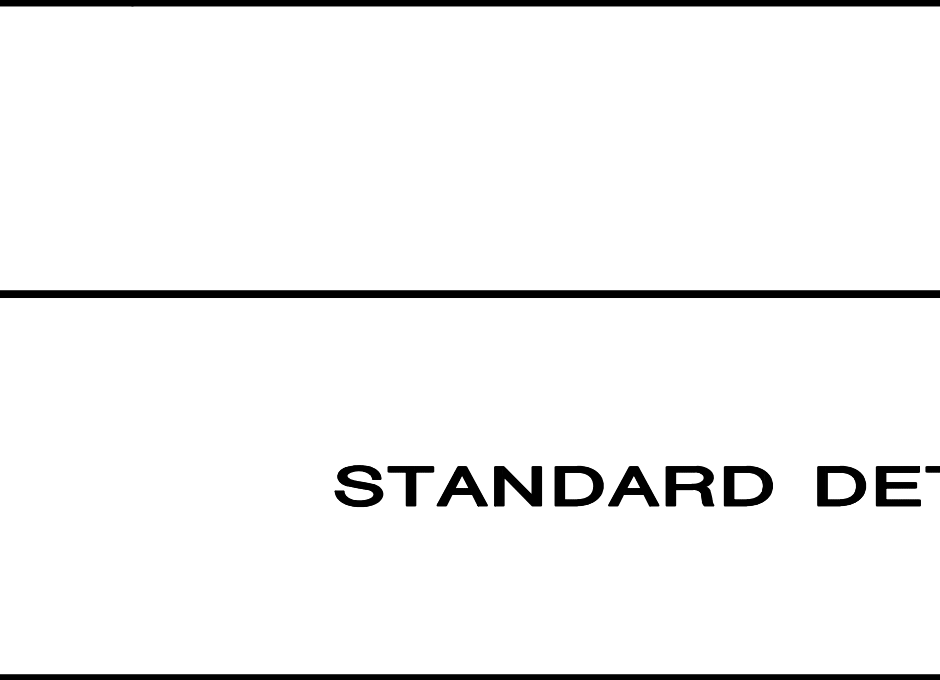
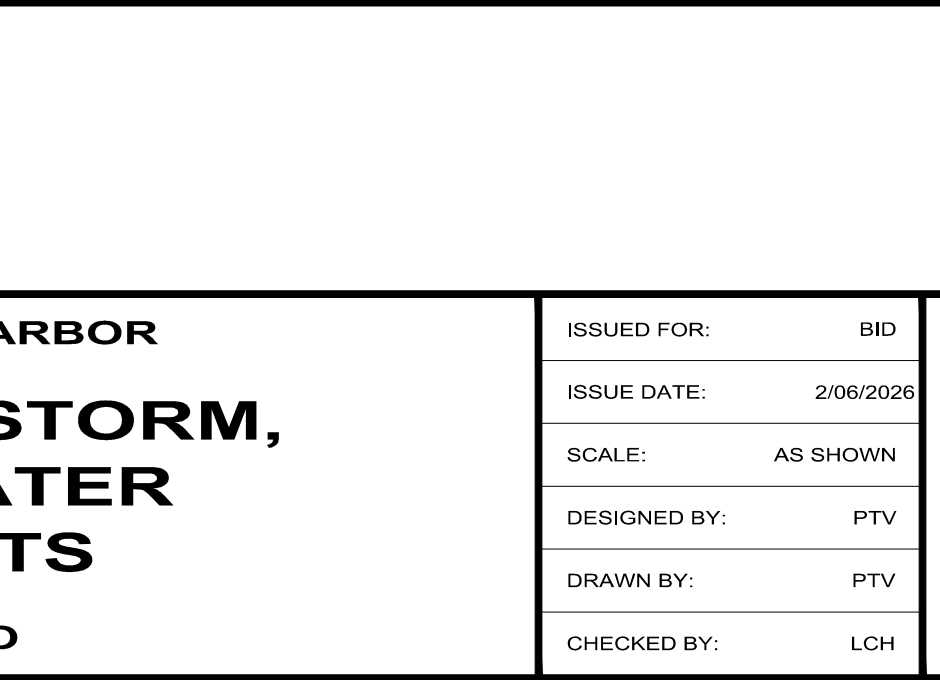
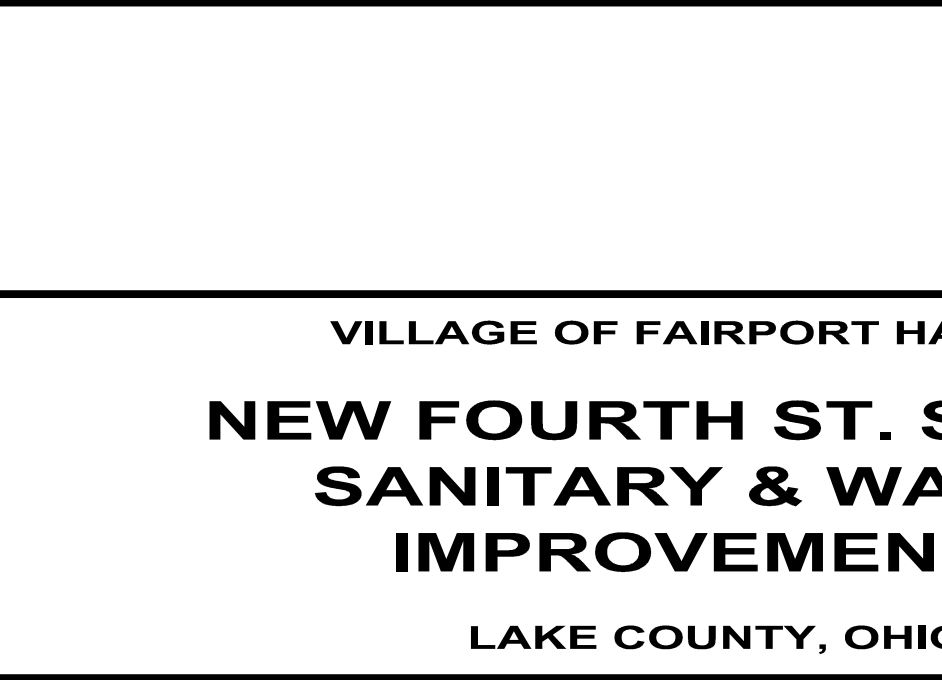
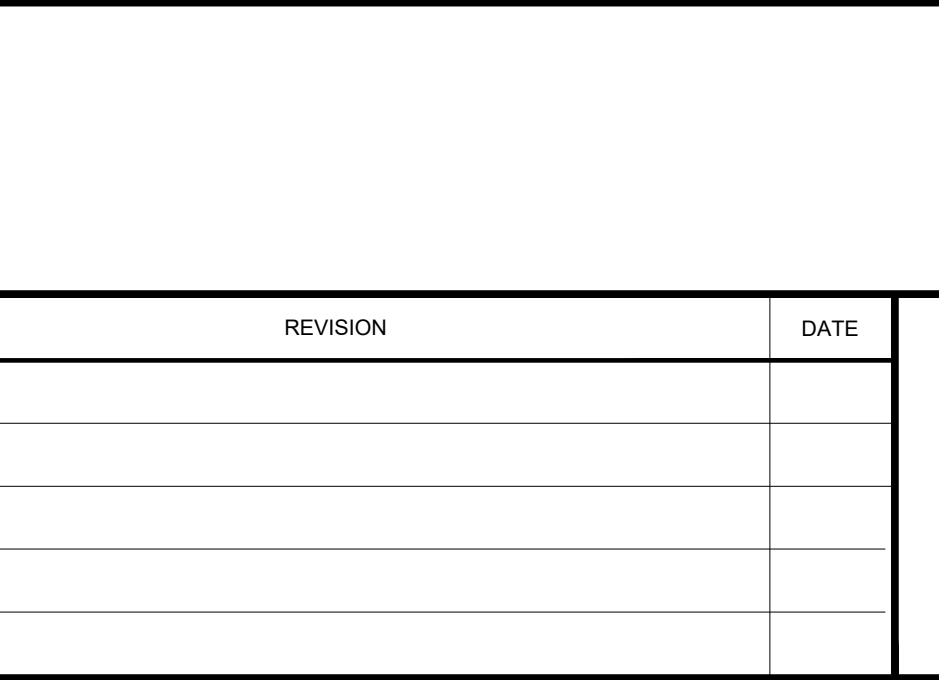
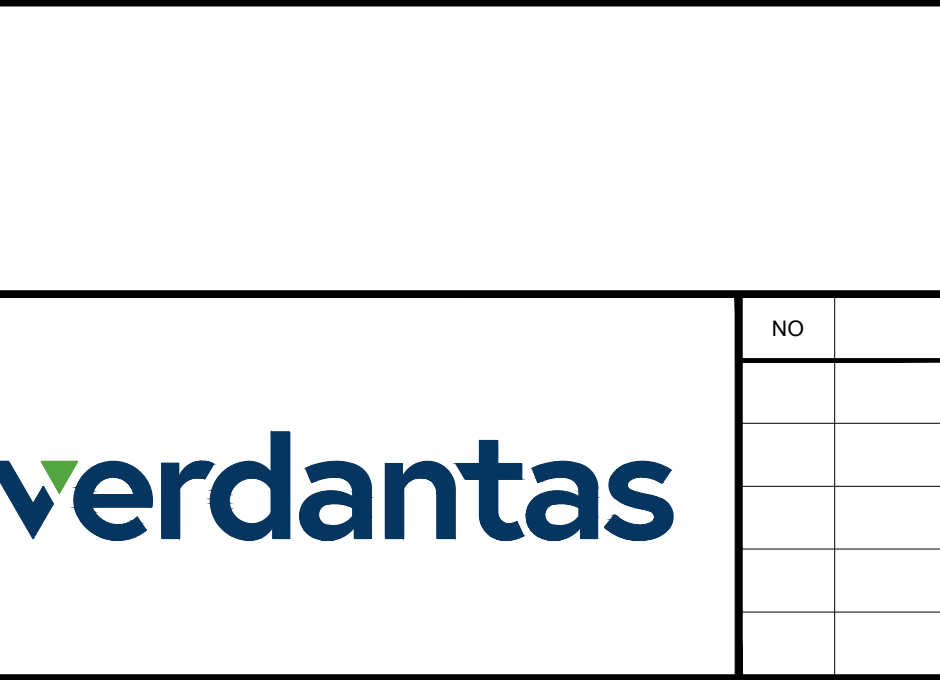
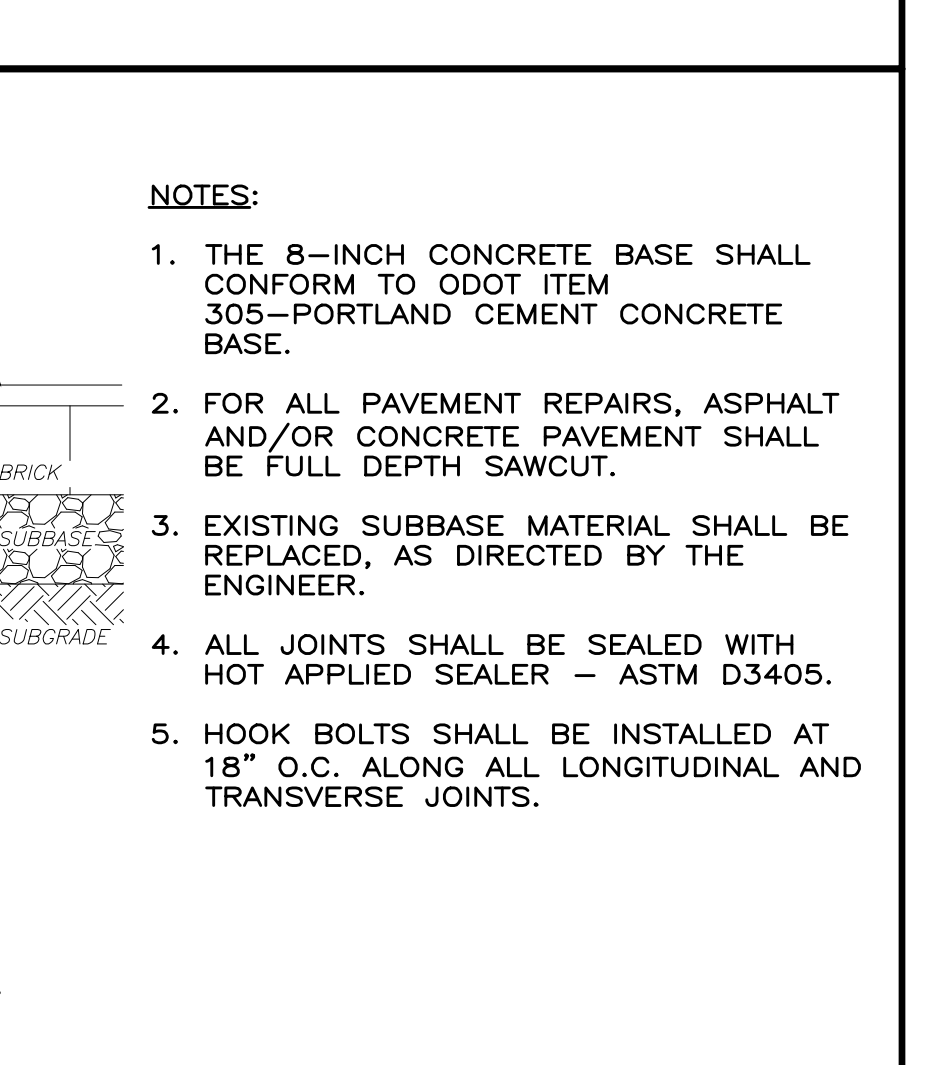
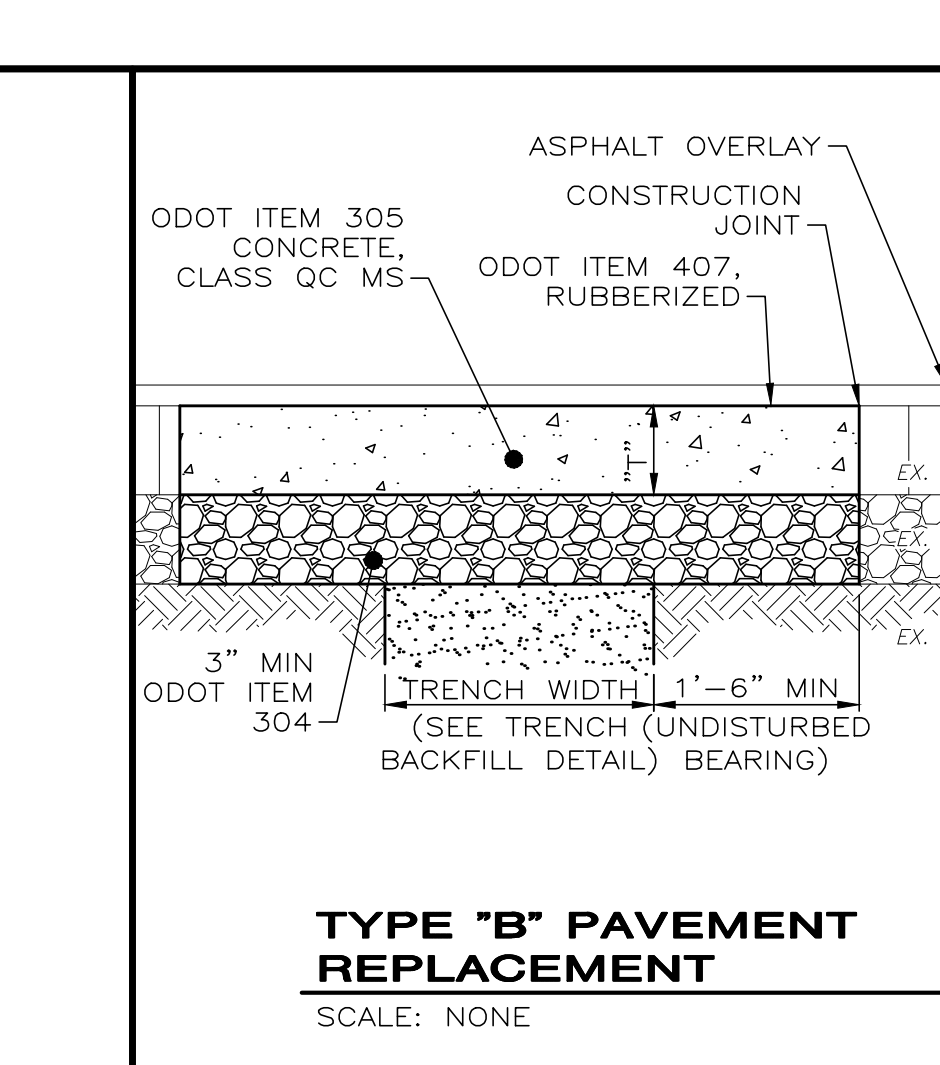
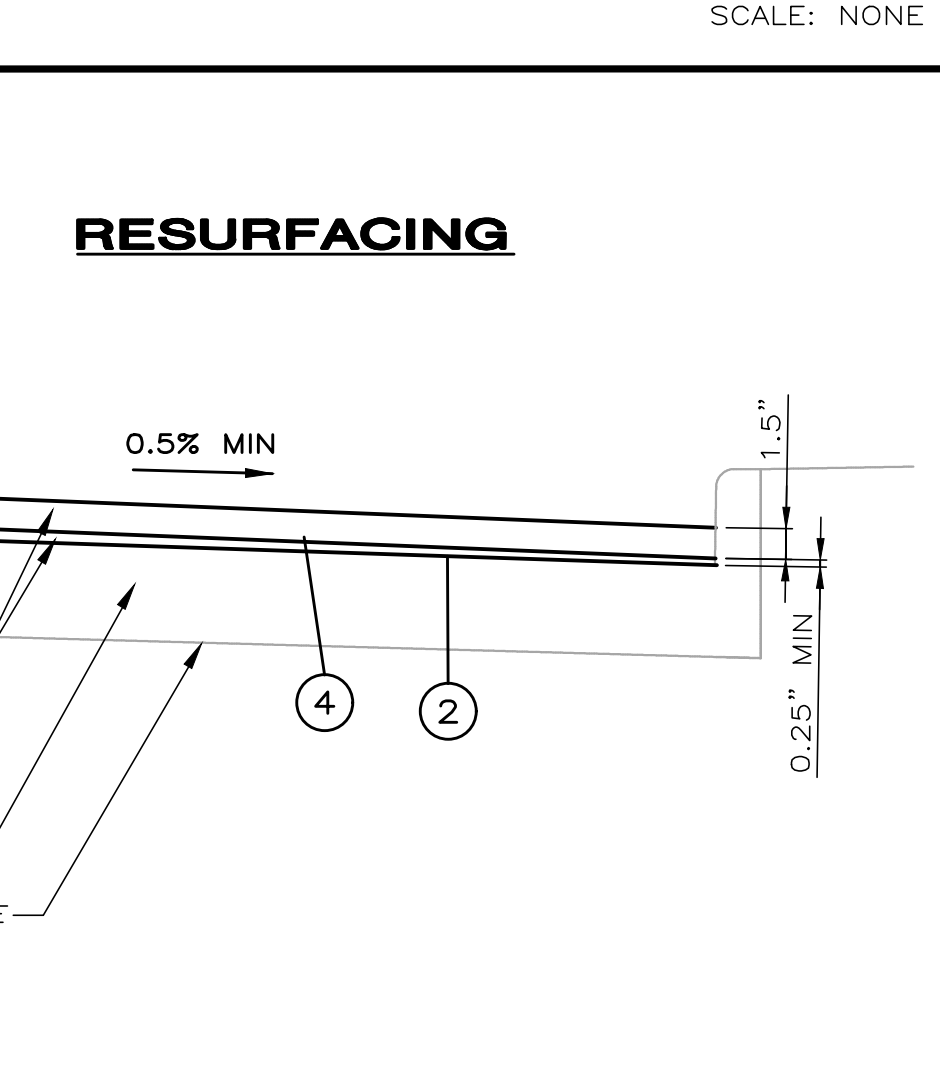
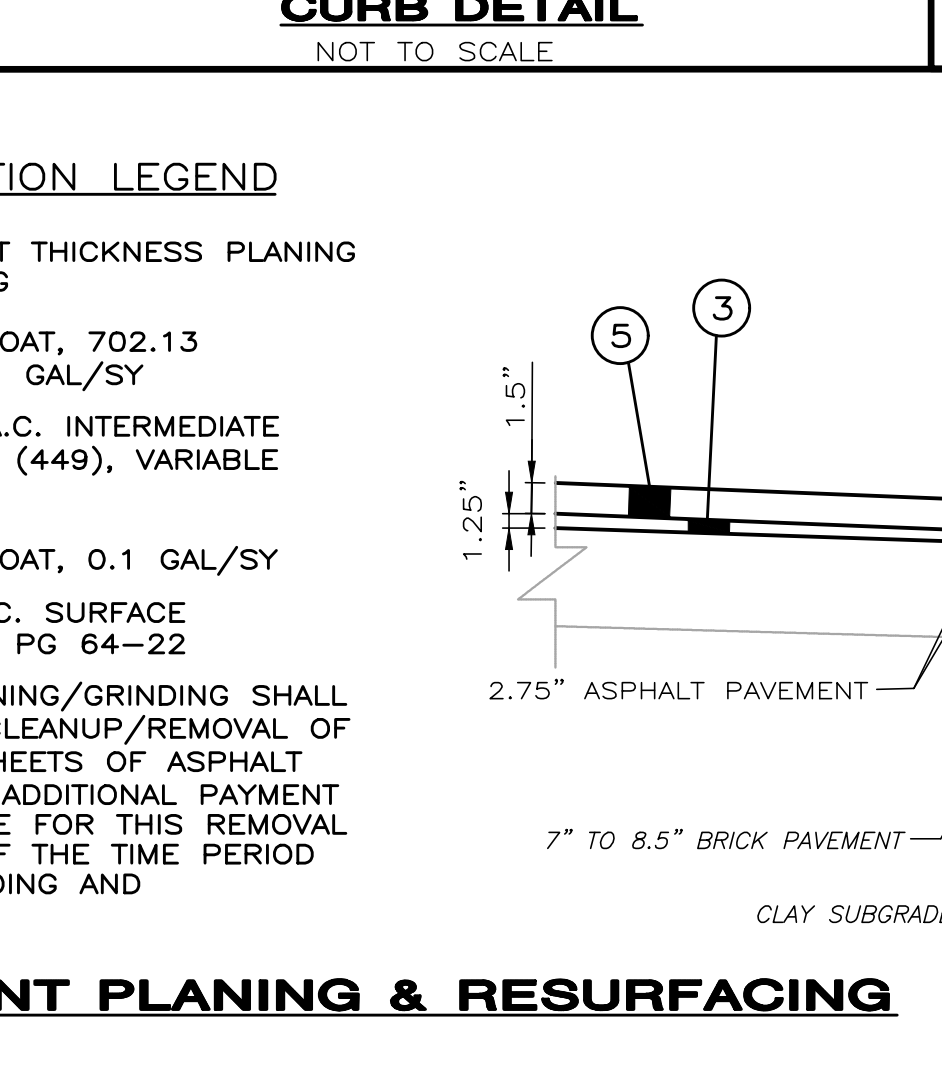
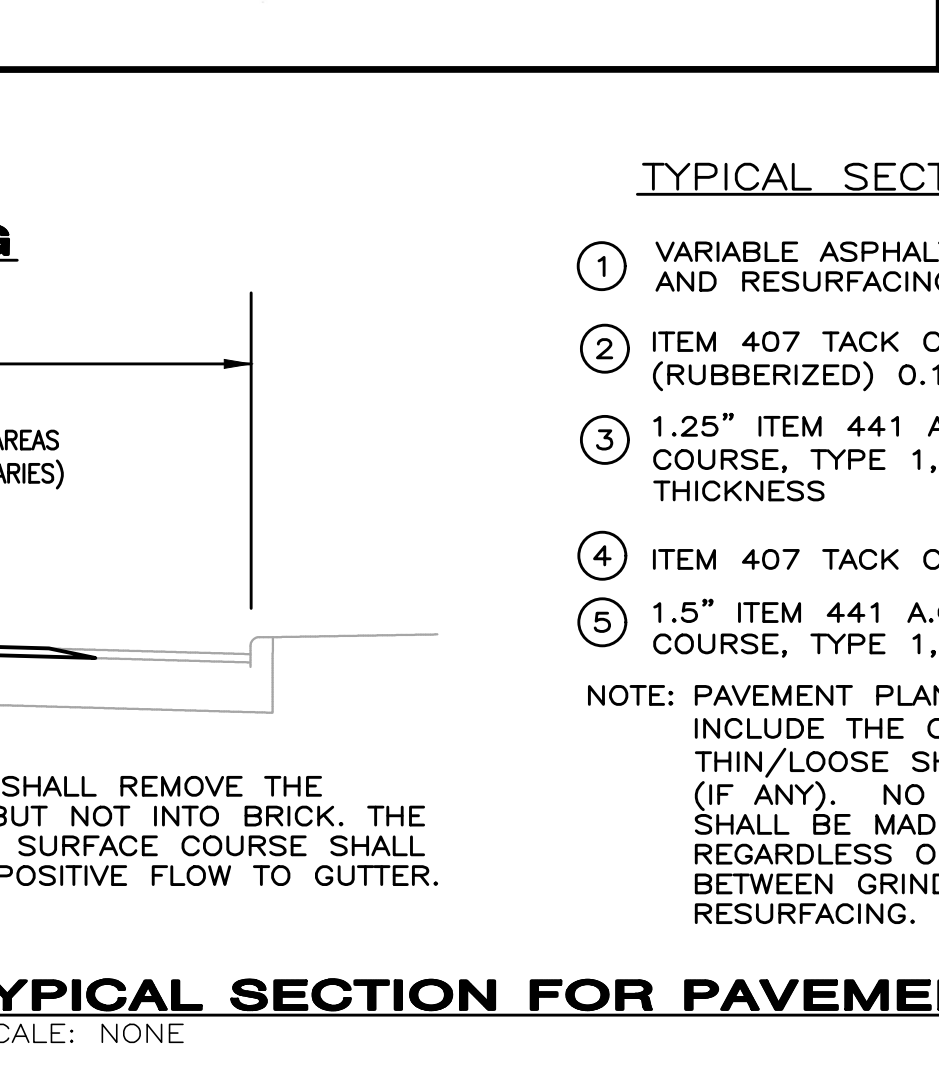
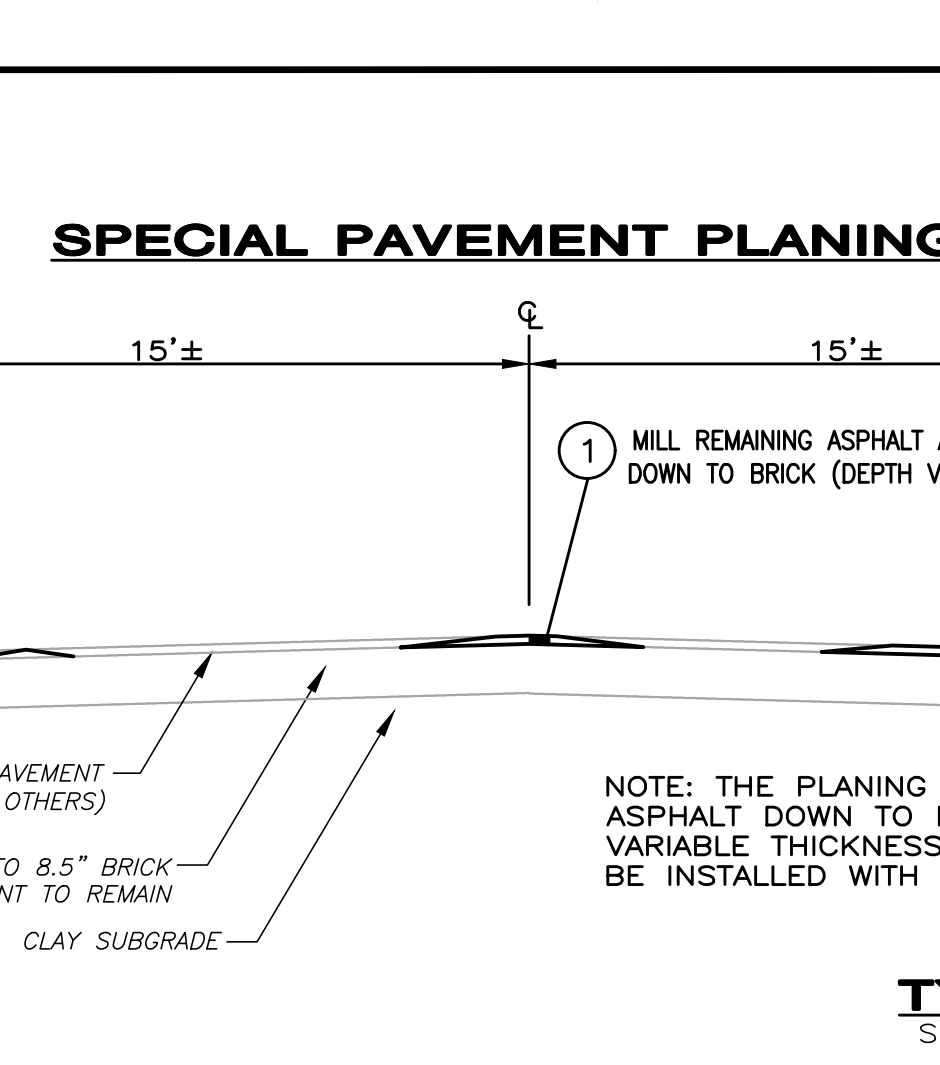
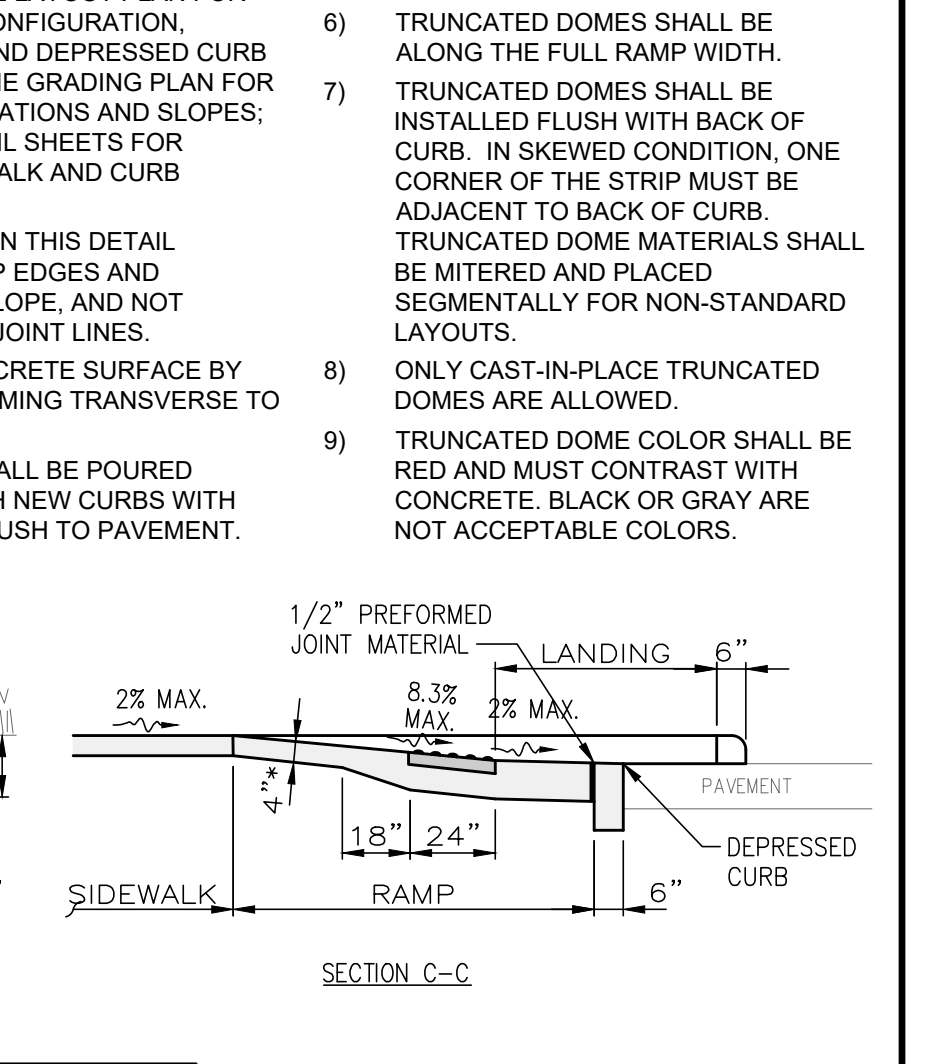
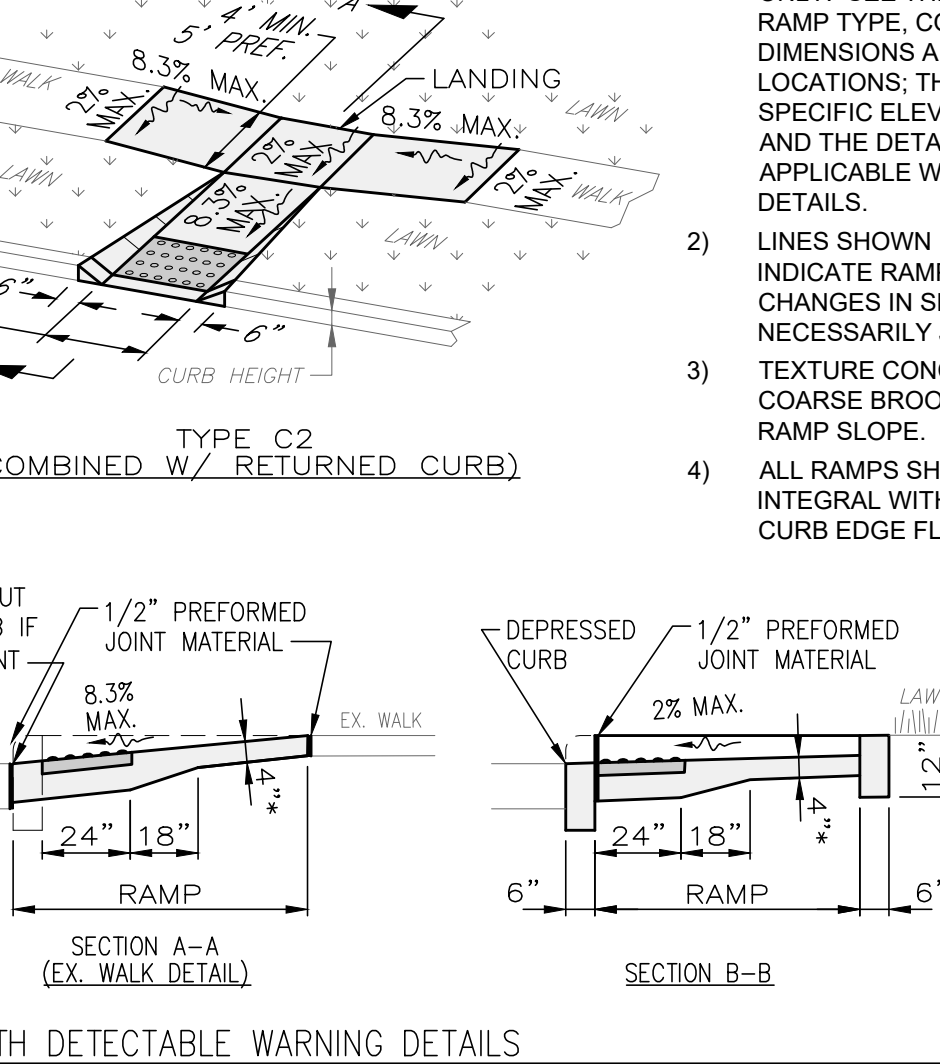
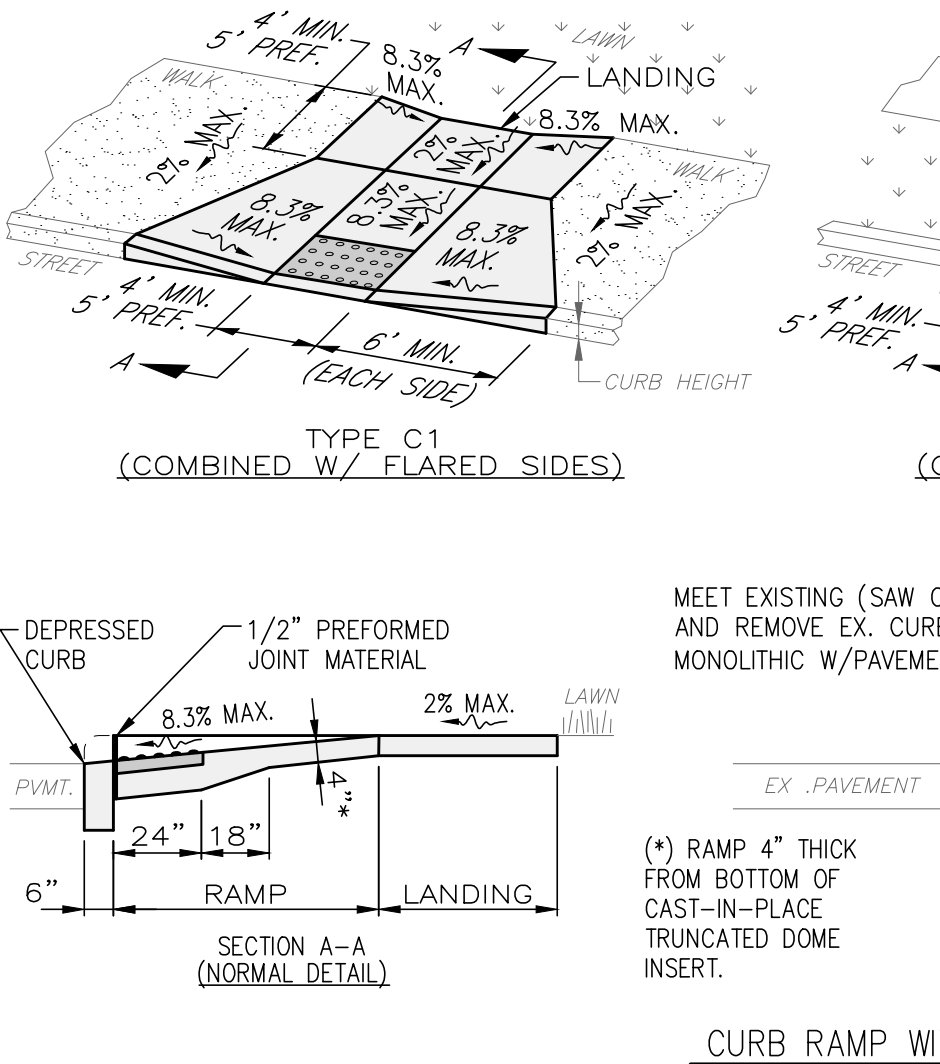
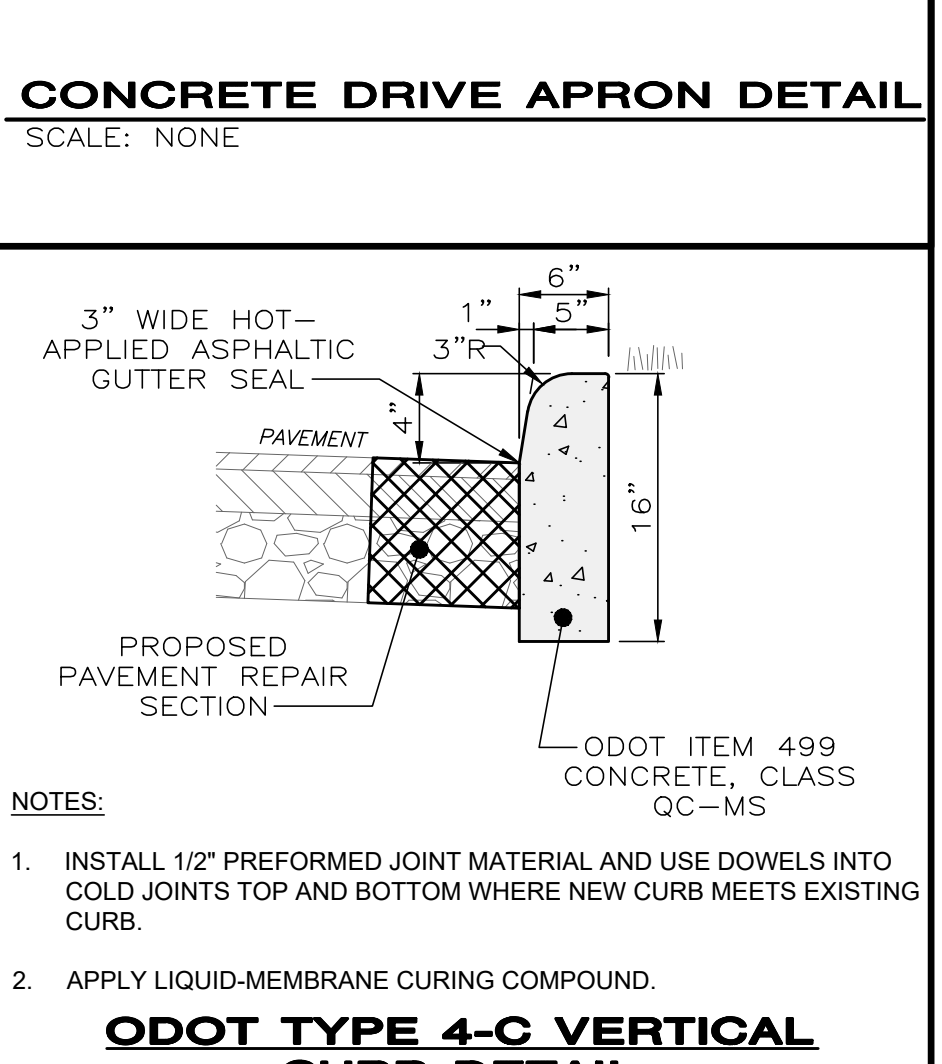
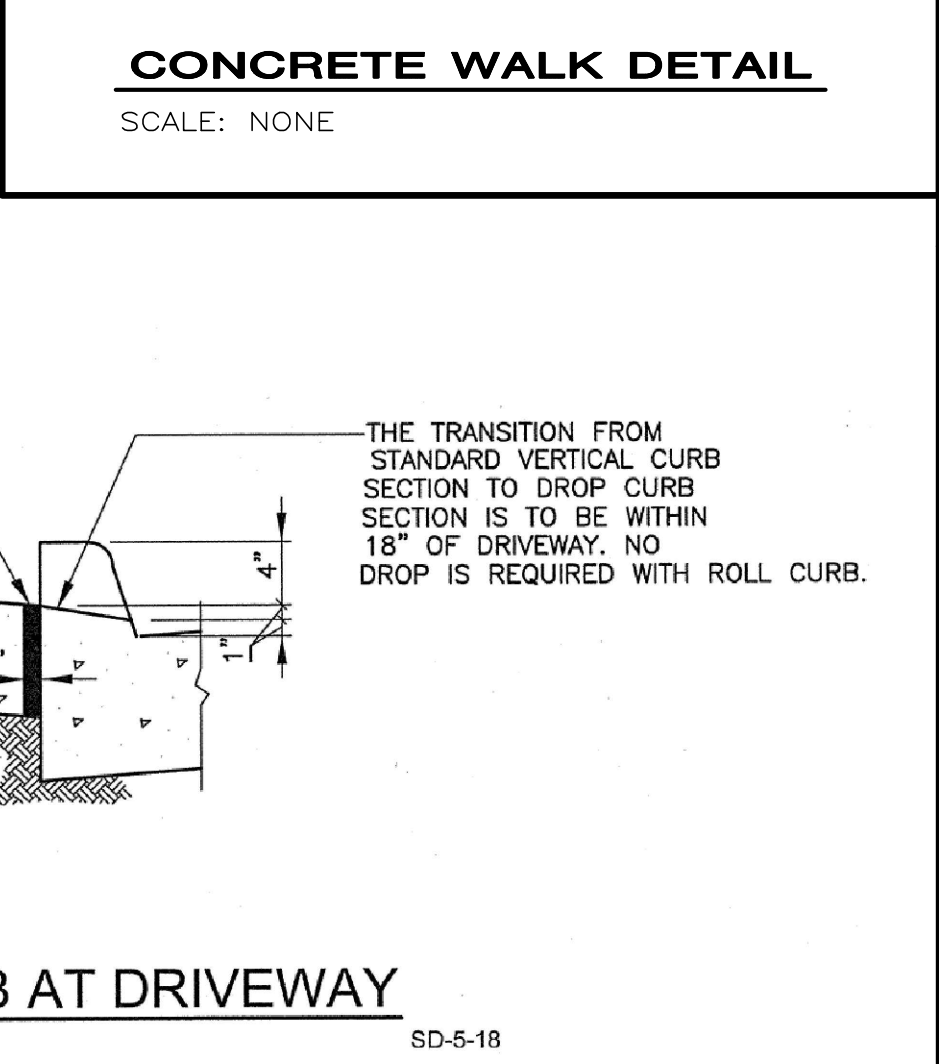
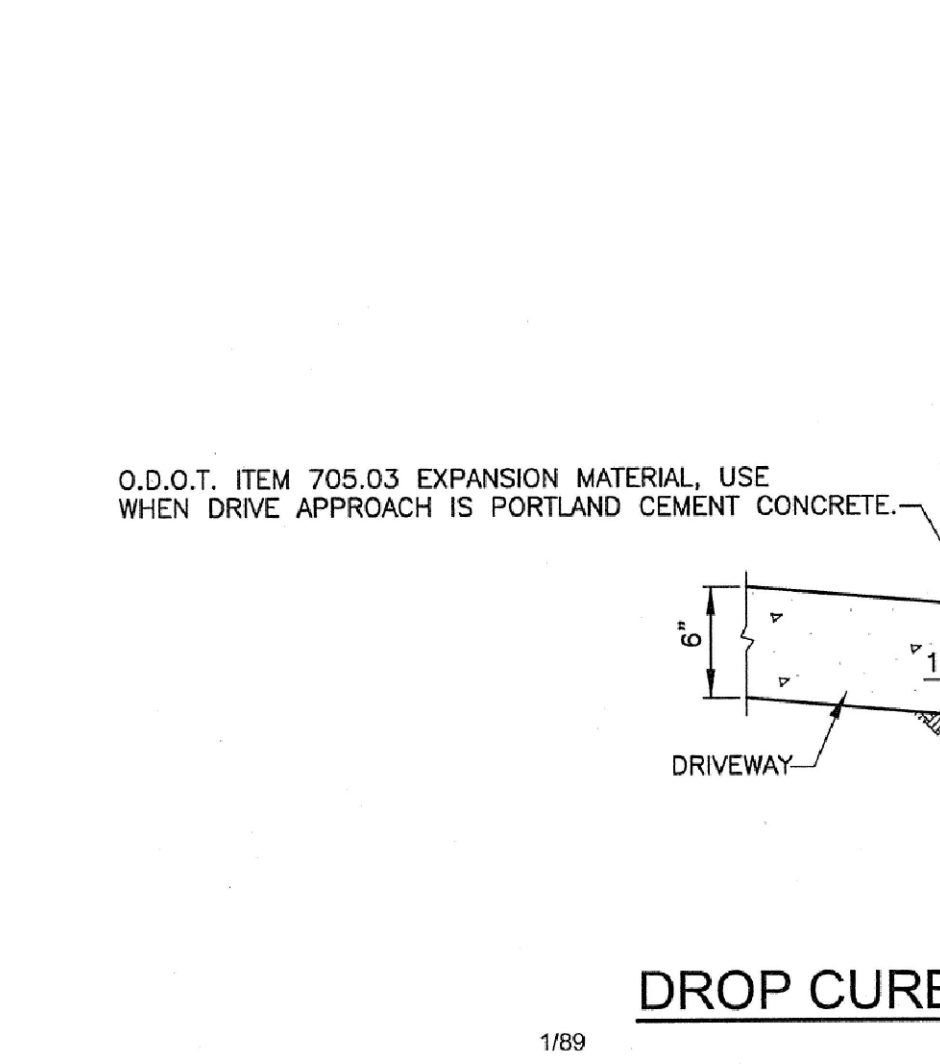
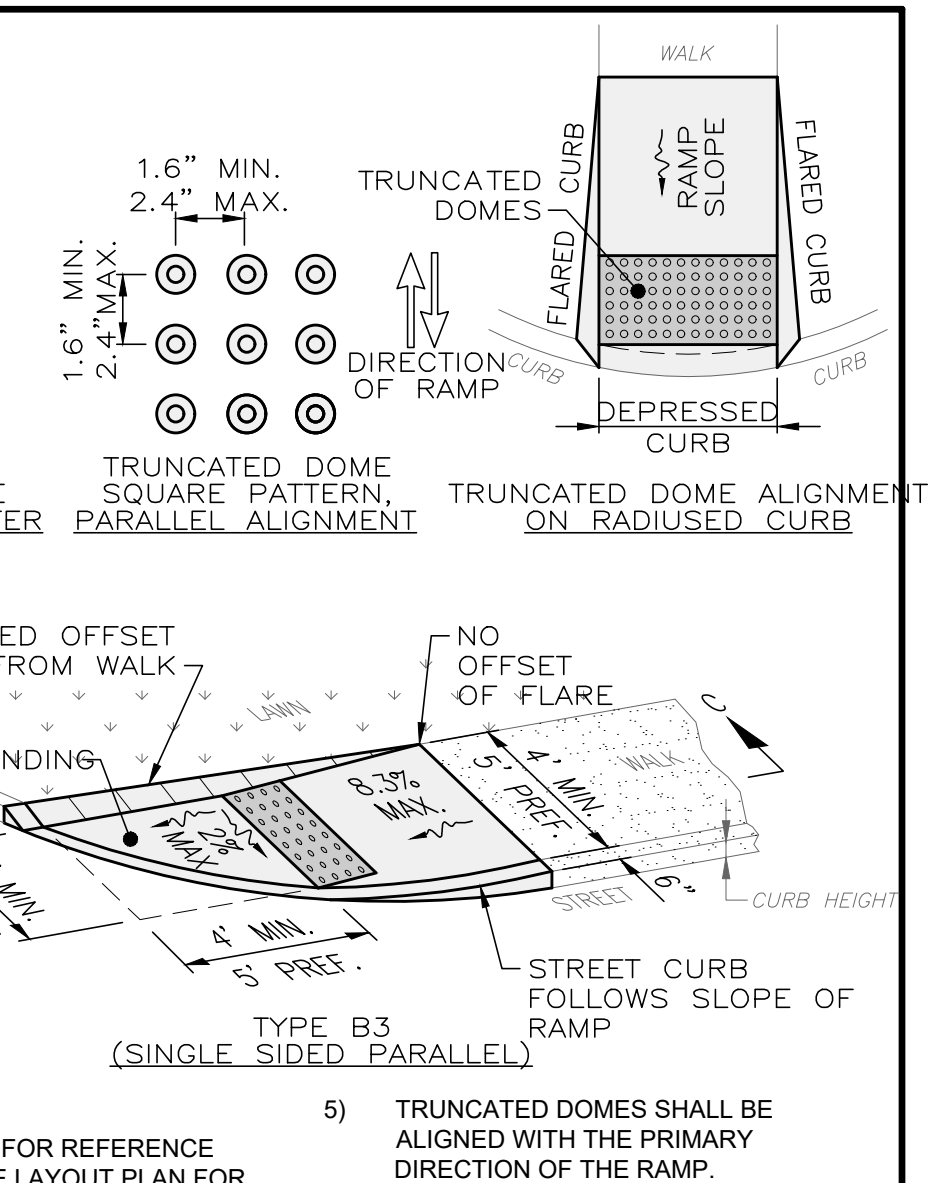
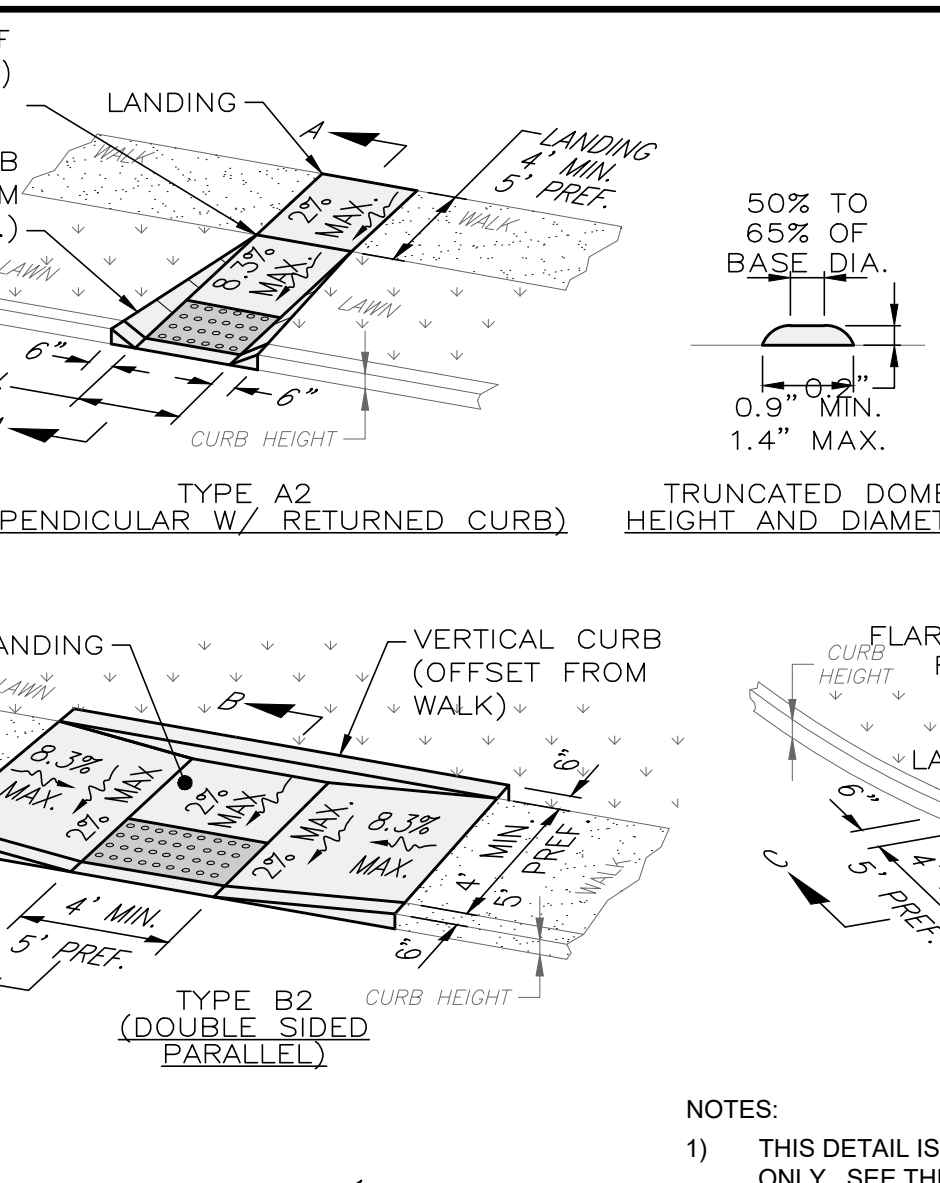
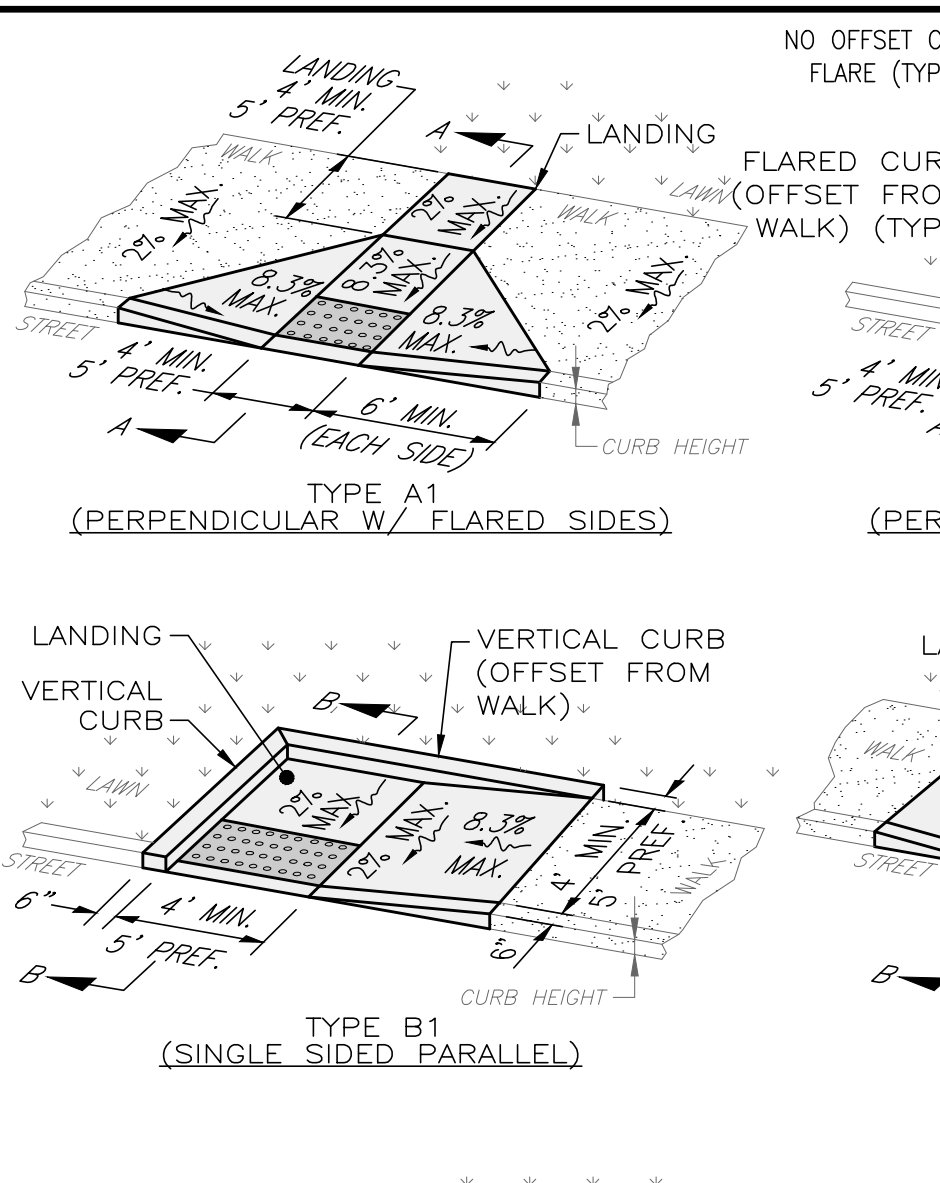
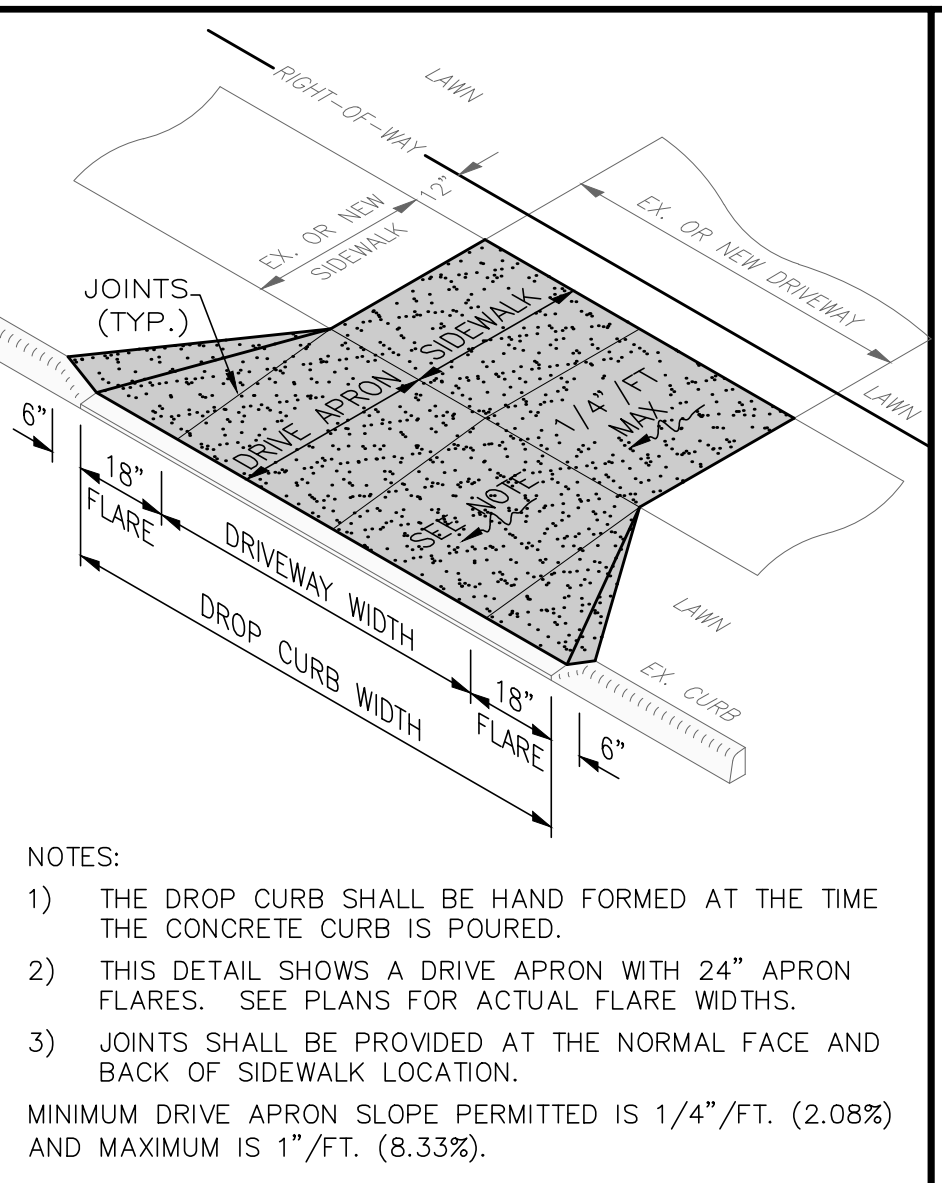
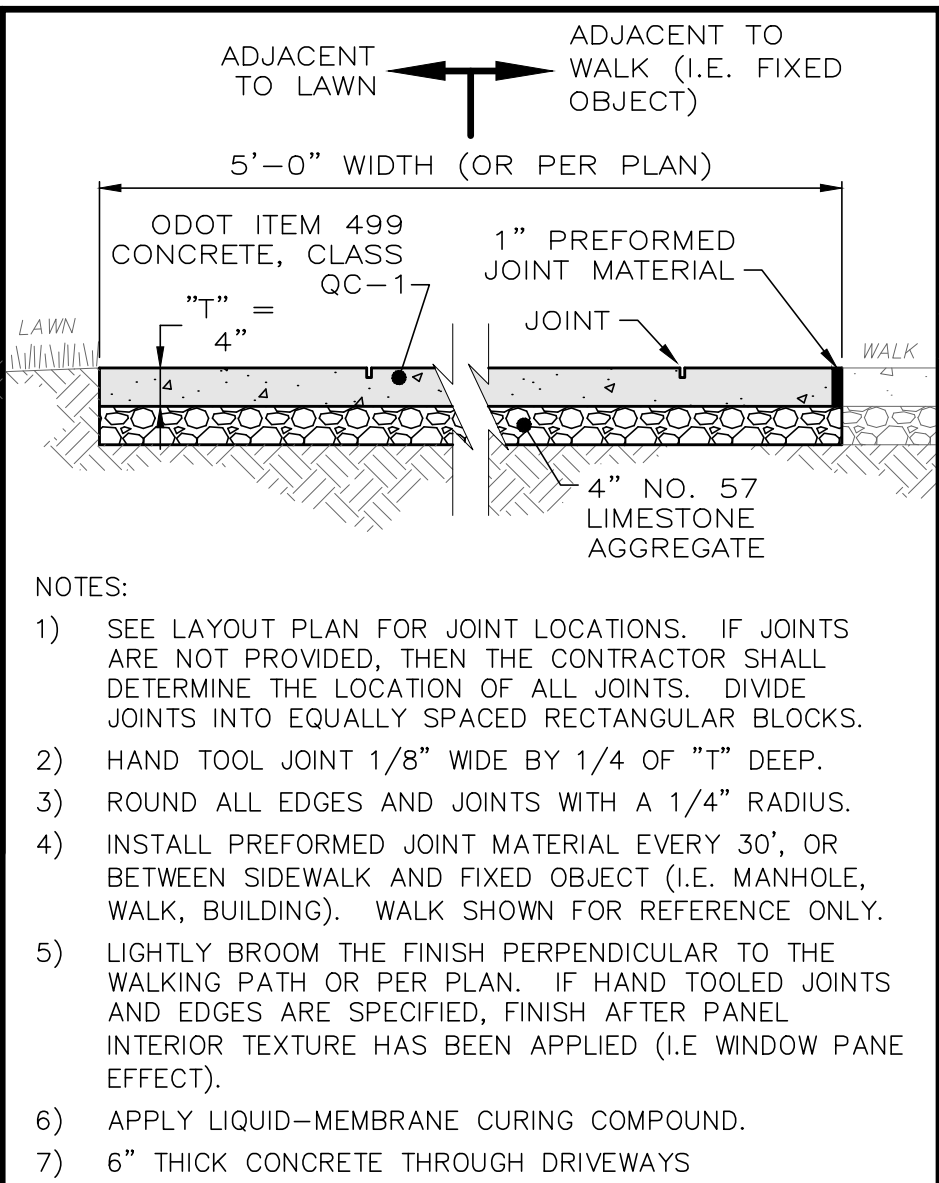
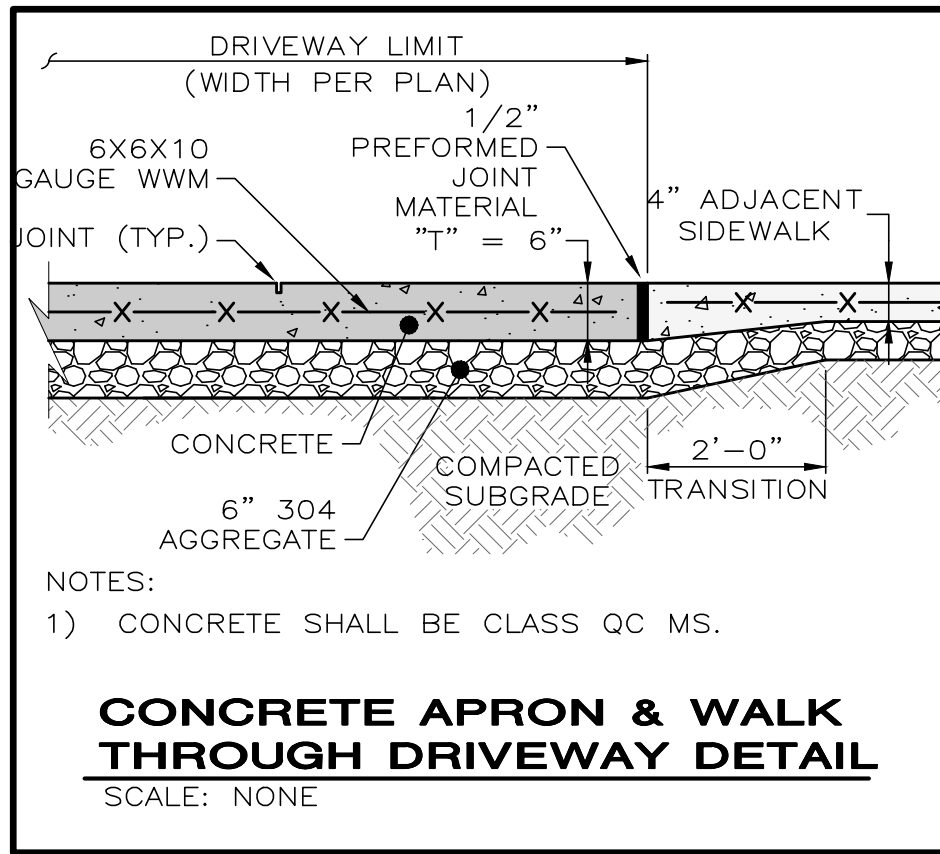
NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
SCALE:	AS SHOWN
DESIGNED BY:	PTV
DRAWN BY:	PTV
CHECKED BY:	LCH

MAINTENANCE OF TRAFFIC

PROJECT NO.		33601
DISCIPLINE		CIVIL
SHEET NAME		MOT-02
SHEET	OF	
13	17	

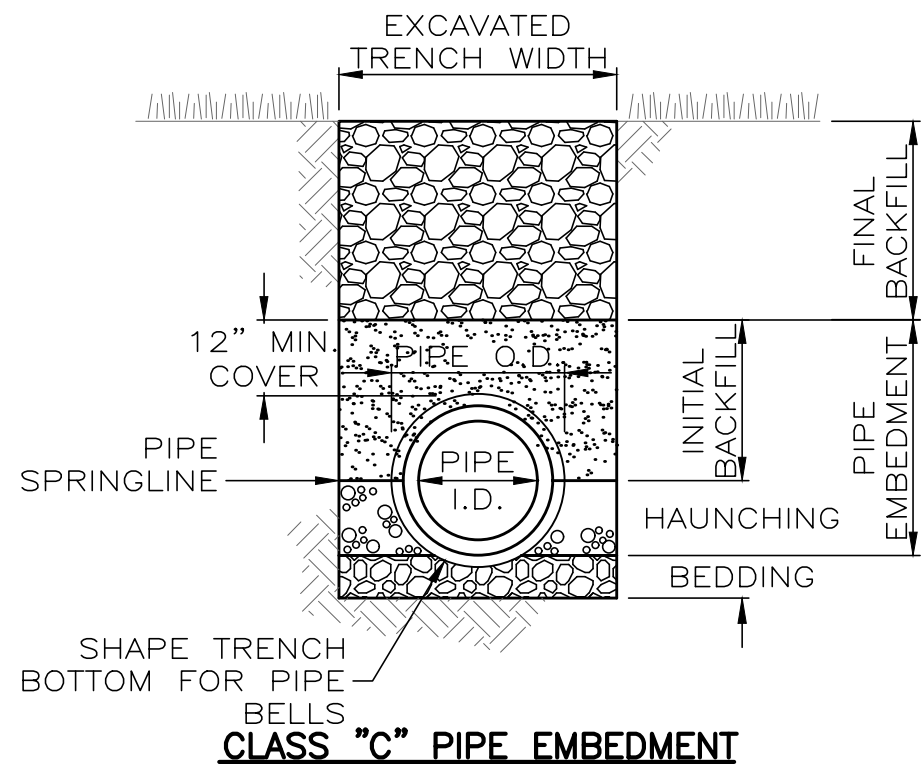


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VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR:	BID
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CHECKED BY:	LCH

STANDARD DETAILS	
PROJECT NO. 33601	
DISCIPLINE CIVIL	
SHEET NAME SD-01	
SHEET 14	OF 17



- EXCAVATED TRENCH WIDTH: MEASURED FROM BOTTOM OF TRENCH TO 12" OVER TOP OF PIPE (WITHIN THE PIPE EMBEDMENT), THE MIN. TRENCH WIDTH SHALL BE 9" AND THE MAX. SHALL BE:
 - O.D.+24" FOR 24" AND SMALLER I.D. PIPE
 - O.D.+30" FOR 27" THRU 72" I.D. PIPE
 - O.D.+48" FOR 84" AND LARGER I.D. PIPE
- FINAL BACKFILL: ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE SHALL BE PREMIUM BACKFILL (ODOT ITEM 304 RPCC). PAVEMENT INCLUDES ROADWAY, SHOULDER AND DRIVEWAY, BUT NOT SIDEWALK. NO SLAG OR SLACKER AGGREGATES ALLOWED. IN ALL OTHER AREAS, THE FINAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL.
- PIPE EMBEDMENT:

CLASS "A": SHALL BE USED FOR ALL PIPES UNDER PAVEMENT OR STRUCTURES WITH LESS THAN 12" OF PIPE COVER TO THE SUBGRADE. THE CONCRETE CRADLE SHALL BE IN ACCORDANCE WITH ODOT ITEM 499, CLASS QC-1. THE INITIAL BACKFILL SHALL BE NO. 57 COURSE INTERLOCKING LIMESTONE AGGREGATE.

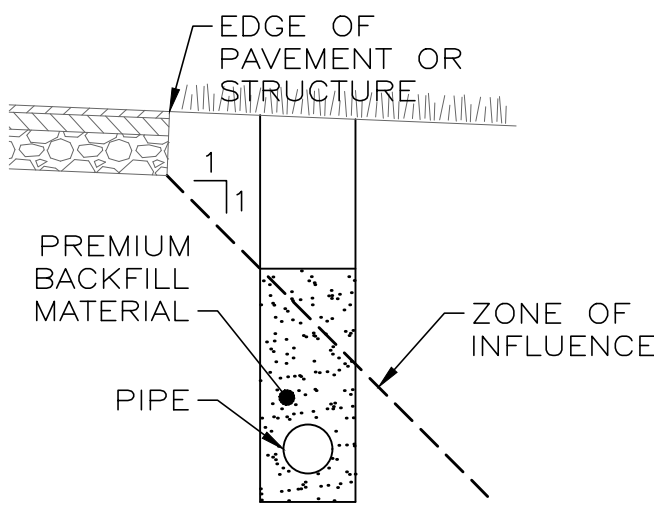
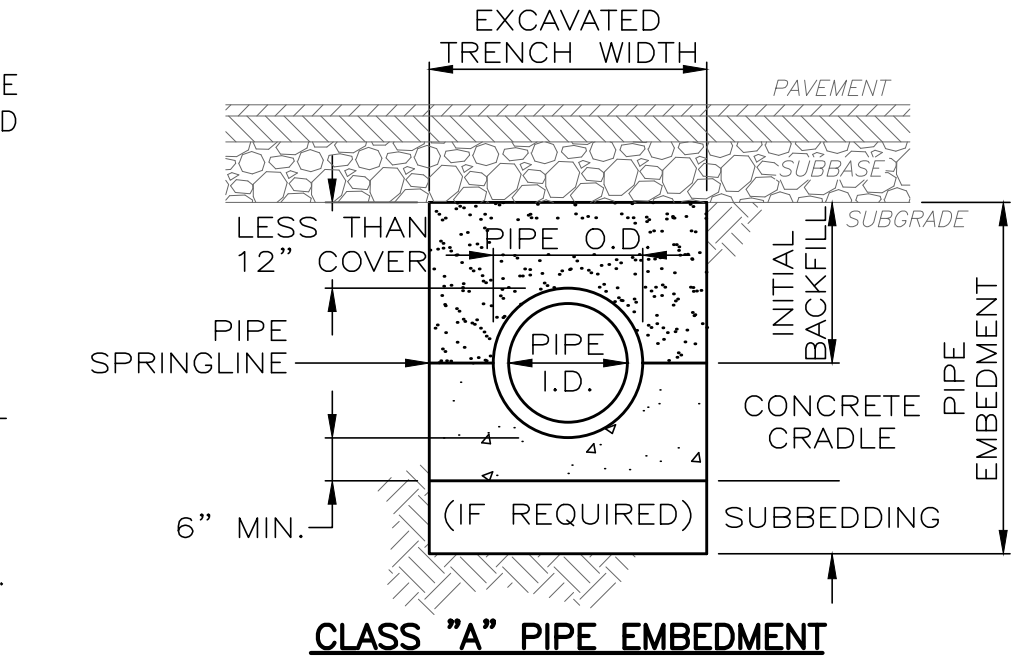
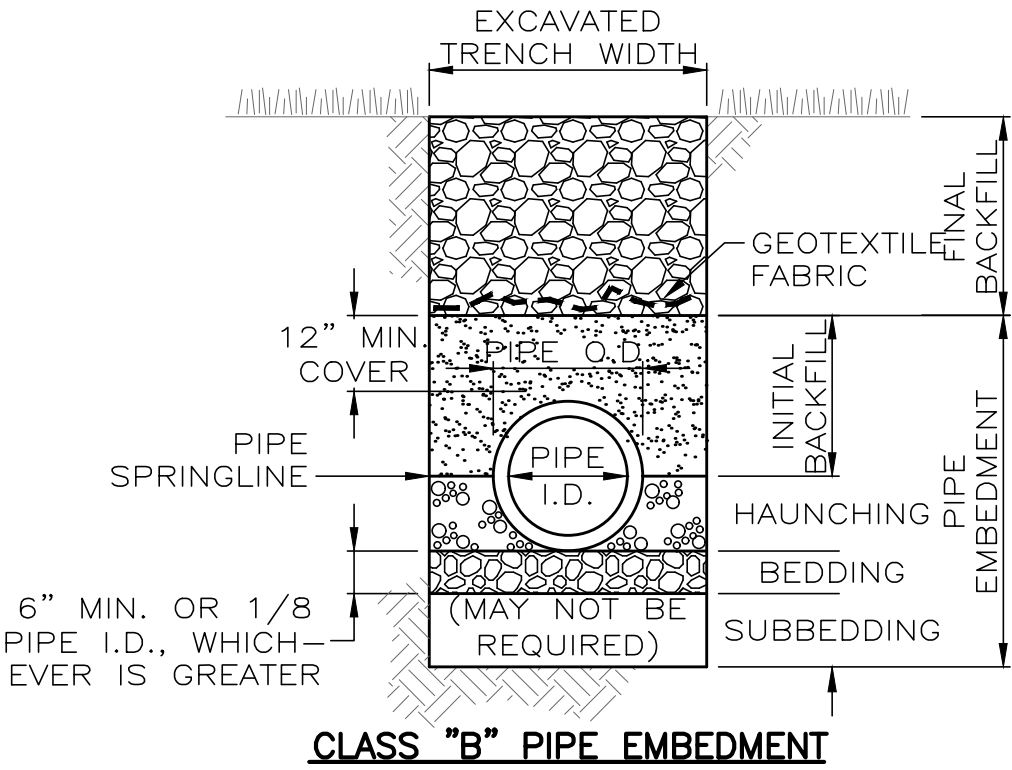
CLASS "B": SHALL BE USED FOR ALL PIPES UNLESS OTHERWISE NOTED ON THE PLANS. BEDDING AND HAUNCHING SHALL BE NO. 8 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE. IN AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE, THE INITIAL BACKFILL SHALL BE NO. 67 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE. IN ALL OTHER AREAS, THE INITIAL BACKFILL MAY BE SUITABLE ON-SITE MATERIAL FOR RIGID PIPE, AND SHALL BE NO. 67 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE FOR FLEXIBLE PIPE.

CLASS "C": SHALL BE USED ONLY FOR DUCTILE IRON WATER MAIN OR FORCE MAIN. THE PIPE EMBEDMENT SHALL BE NO. 8 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE. IN ALL OTHER AREAS, THE PIPE EMBEDMENT SHALL BE SUITABLE ON-SITE MATERIAL. BEDDING IS NOT REQUIRED. WHERE ROCK OR SHALE IS ENCOUNTERED, BEDDING SHALL BE 6" MIN. OF NO. 67 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE OR SAND.

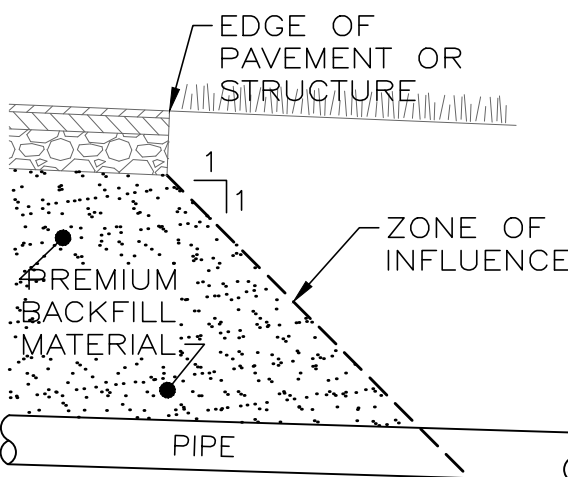
- SUBBEDDING: WHERE AN UNSTABLE TRENCH BOTTOM CONDITION IS ENCOUNTERED, EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH MATERIAL AS DIRECTED BY THE ENGINEER.
- GEOTEXTILE FABRIC SHALL BE PER ODOT 712.09, TYPE A, AND INSTALLED AFTER ALL INITIAL BACKFILL.
- CLAY TRENCH DAMS SHALL BE REQUIRED AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

TRENCHING, EMBEDMENT AND BACKFILL DETAIL

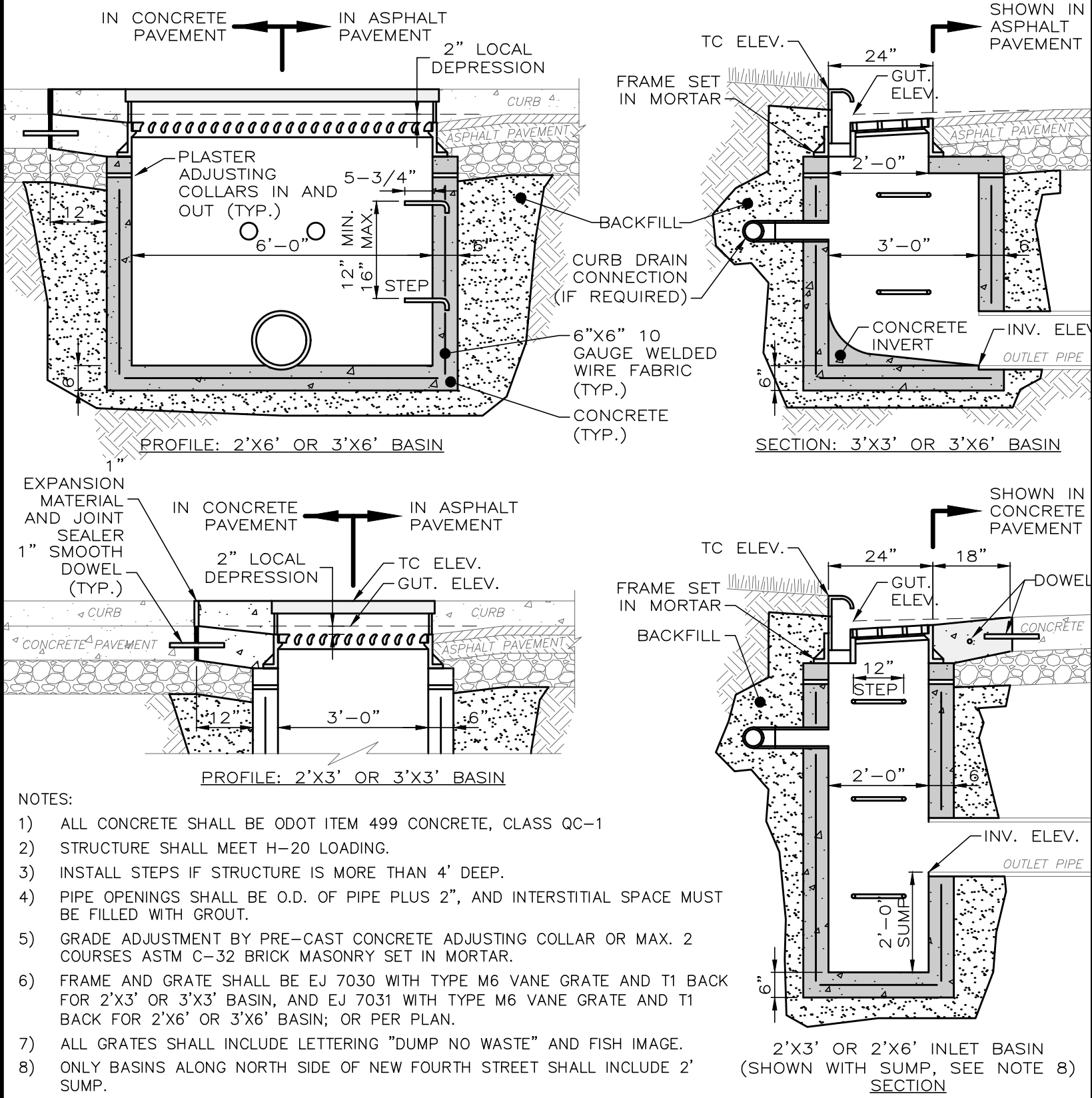
SCALE: NONE



PARALLEL ZONE OF INFLUENCE



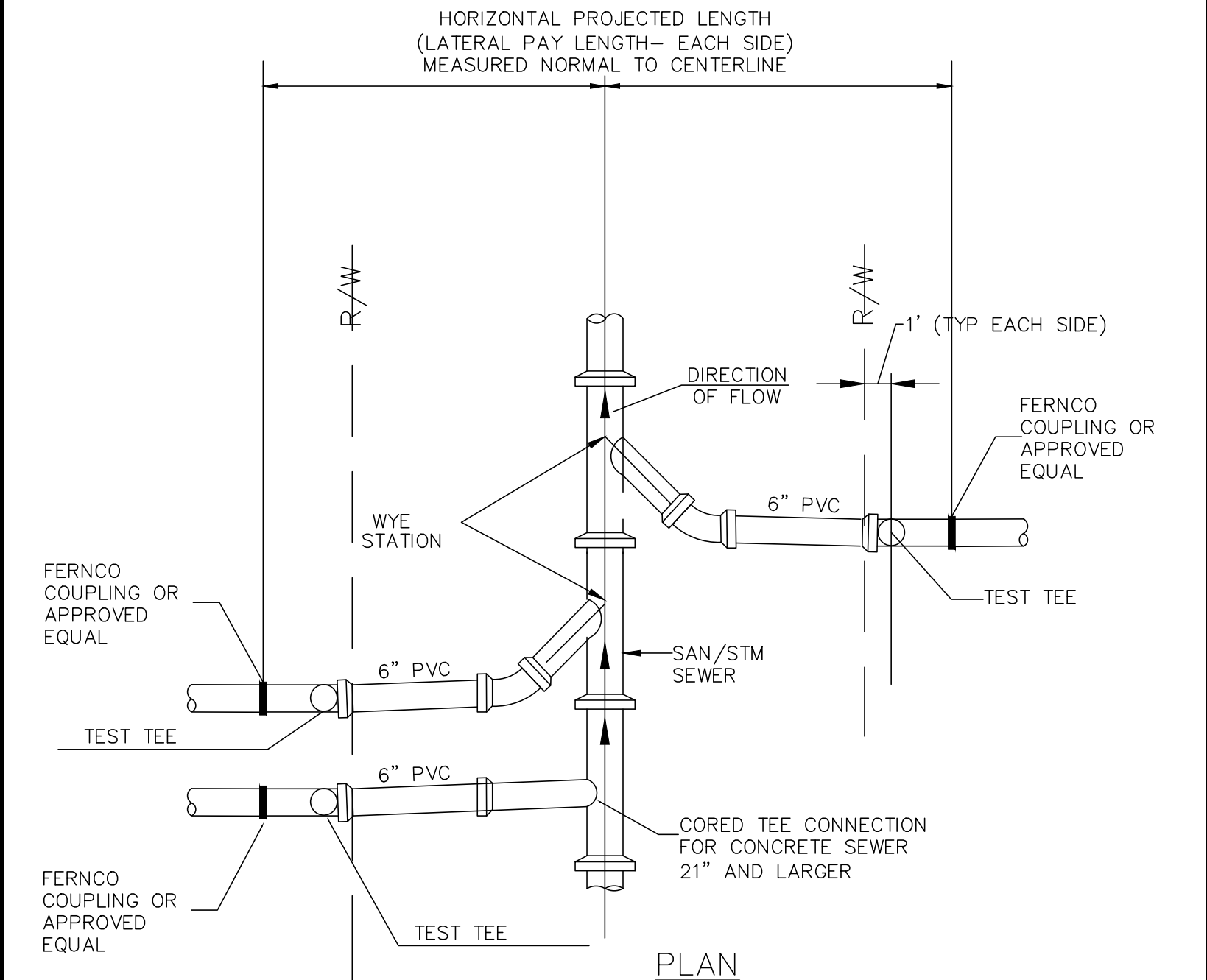
TRANSVERSE ZONE OF INFLUENCE



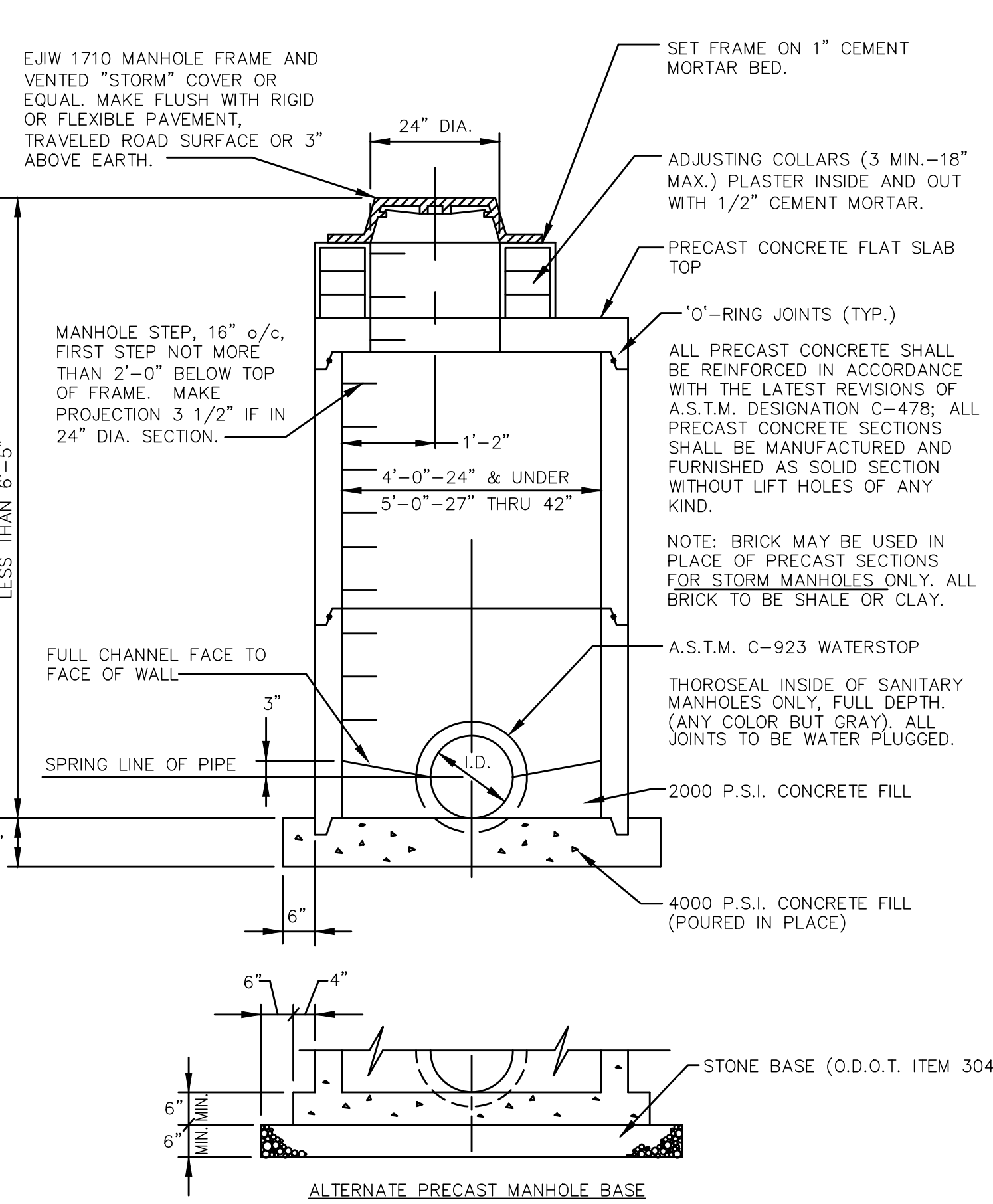
CURB INLET BASIN DETAIL

CB NO. 3 AND CB NO. 3A

SCALE: NONE

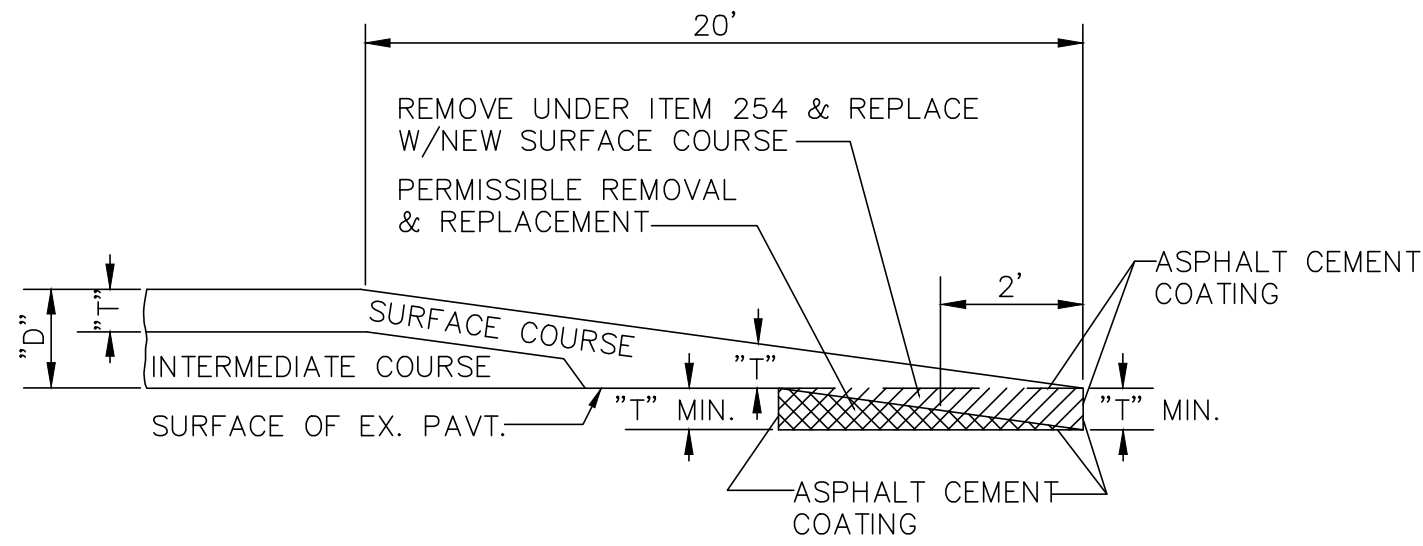


STORM SEWER LATERAL REPLACEMENT DETAIL

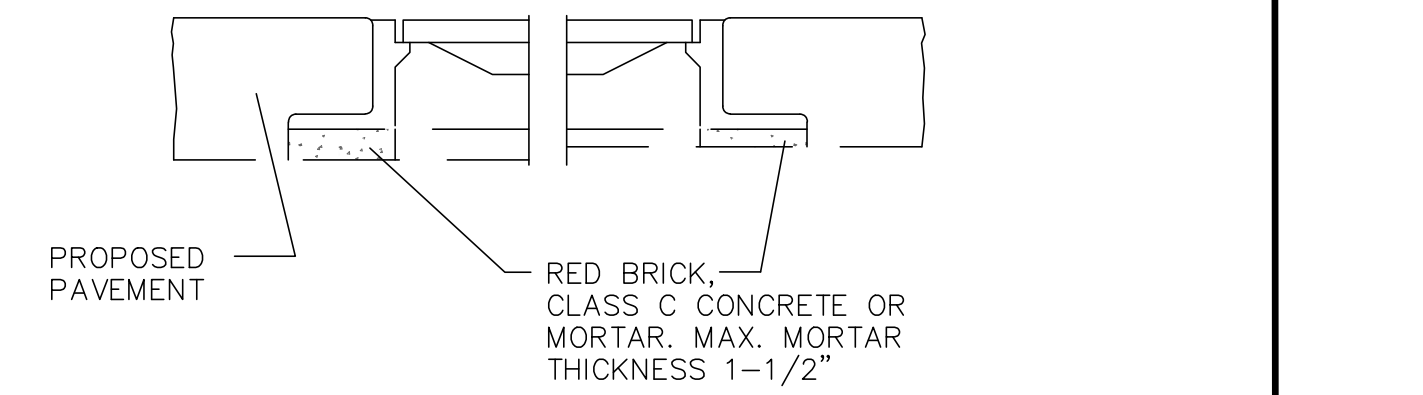


STANDARD SHALLOW PRECAST MANHOLE

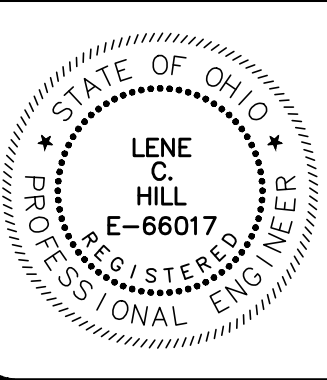
09/02 SD-3-26



BUTT JOINT DETAIL



M.H./I.B. ADJUSTED TO GRADE



verdantas

NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR: BID
ISSUE DATE: 2/06/2026
SCALE: AS SHOWN
DESIGNED BY: PTV
DRAWN BY: PTV
CHECKED BY: LCH

STANDARD DETAILS

PROJECT NO.	33601
DISCIPLINE	CIVIL
SHEET NAME	SD-02
SHEET	OF
15	17

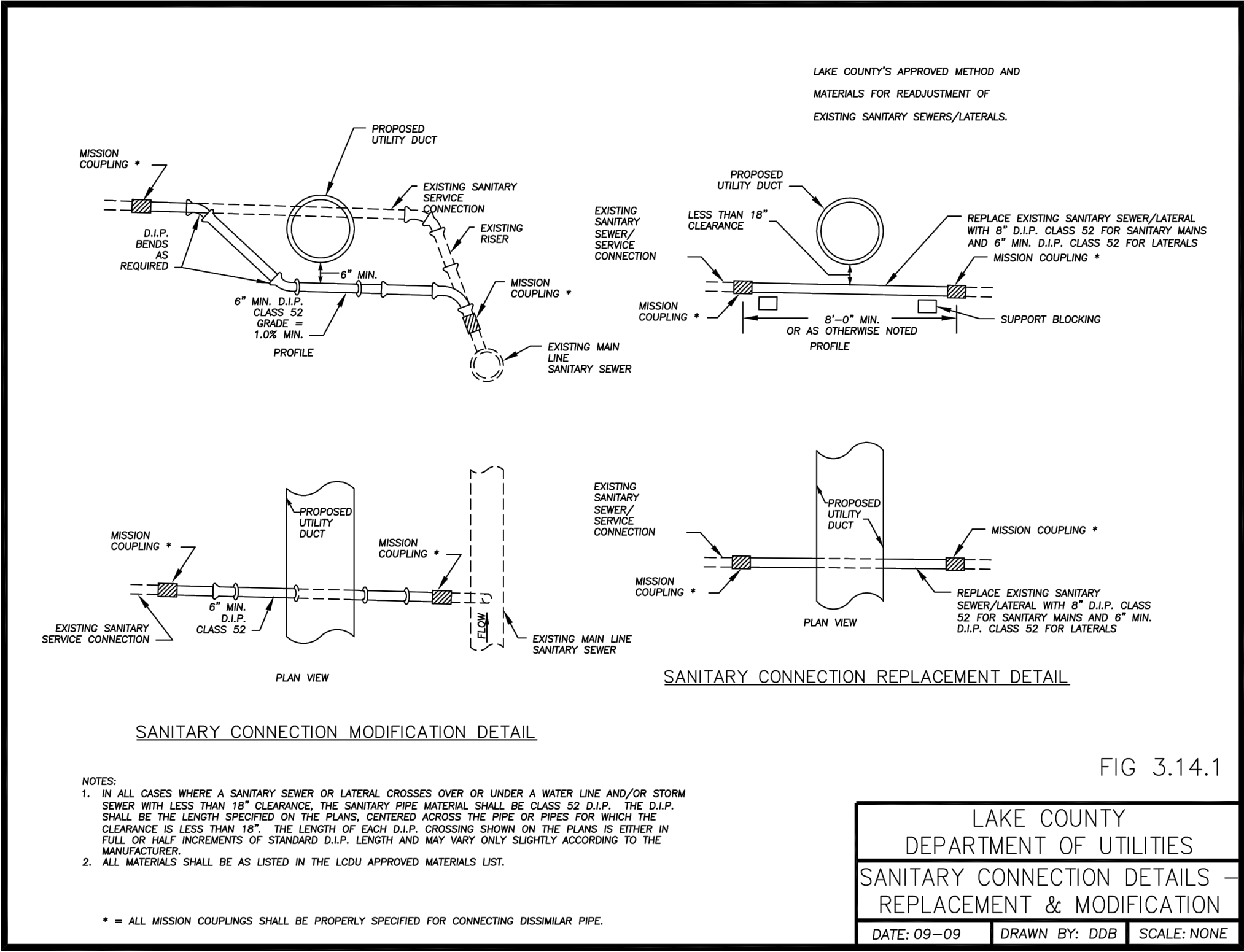


FIG 3.14.1

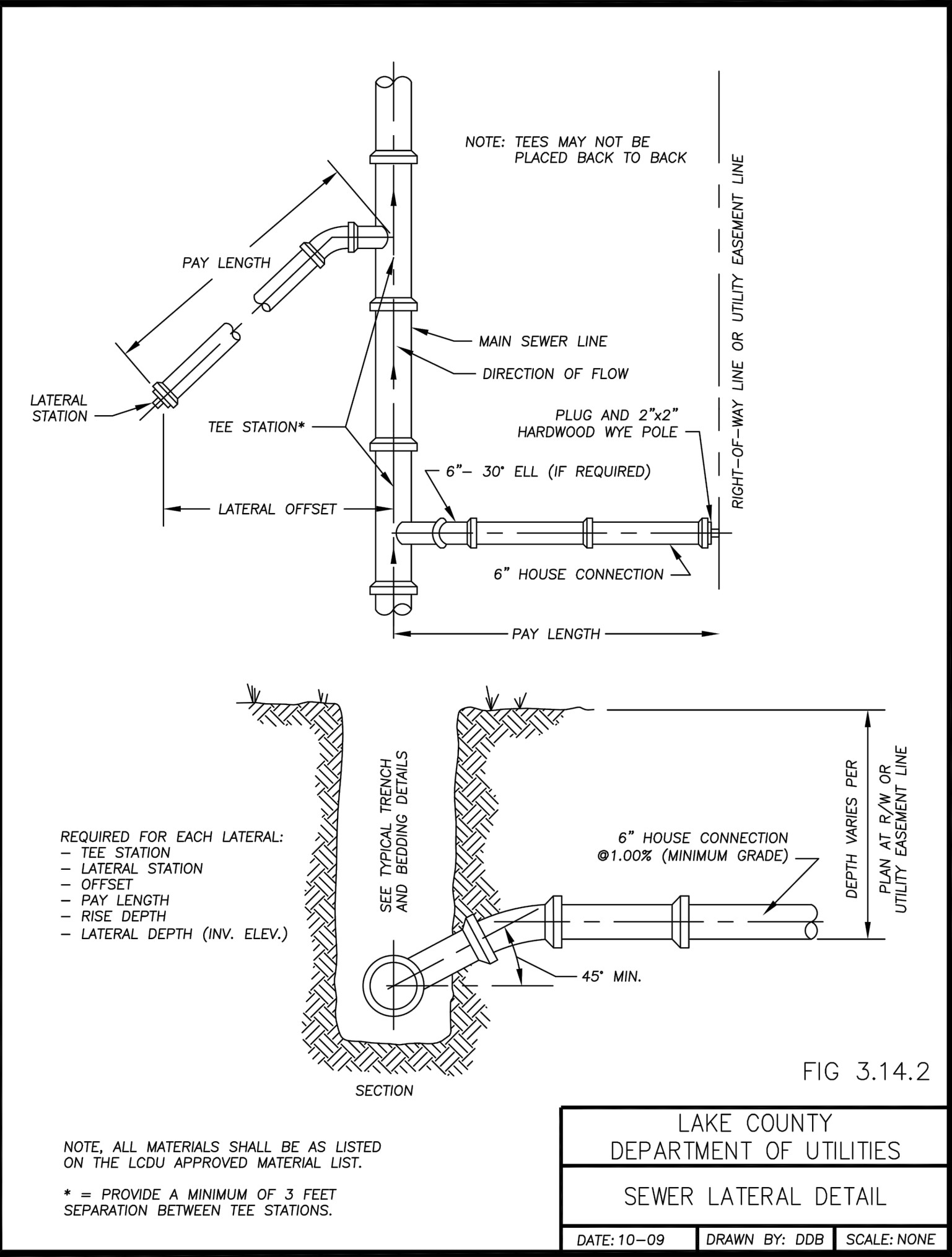


FIG 3.14.2

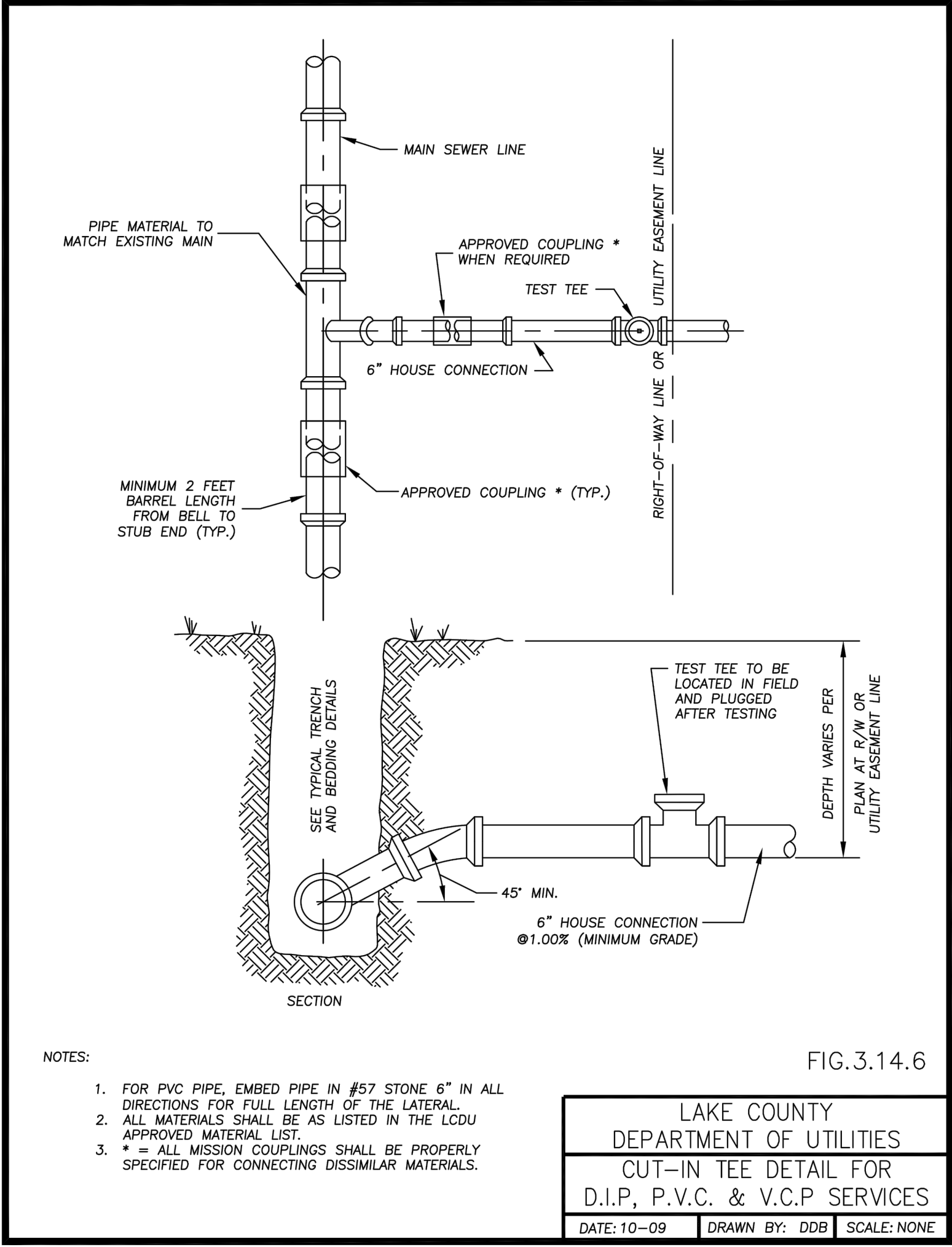


FIG.3.14.6

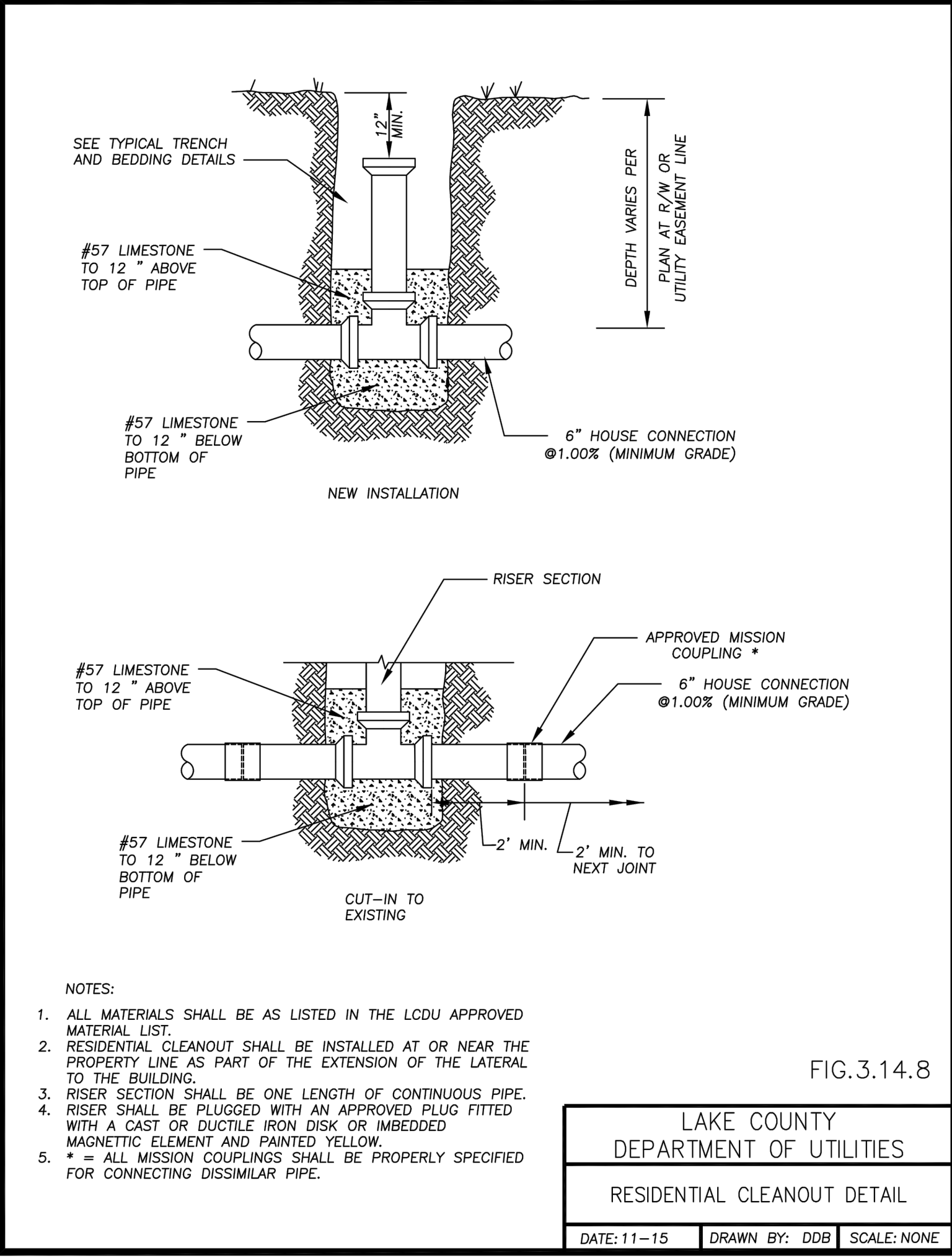


FIG.3.14.8

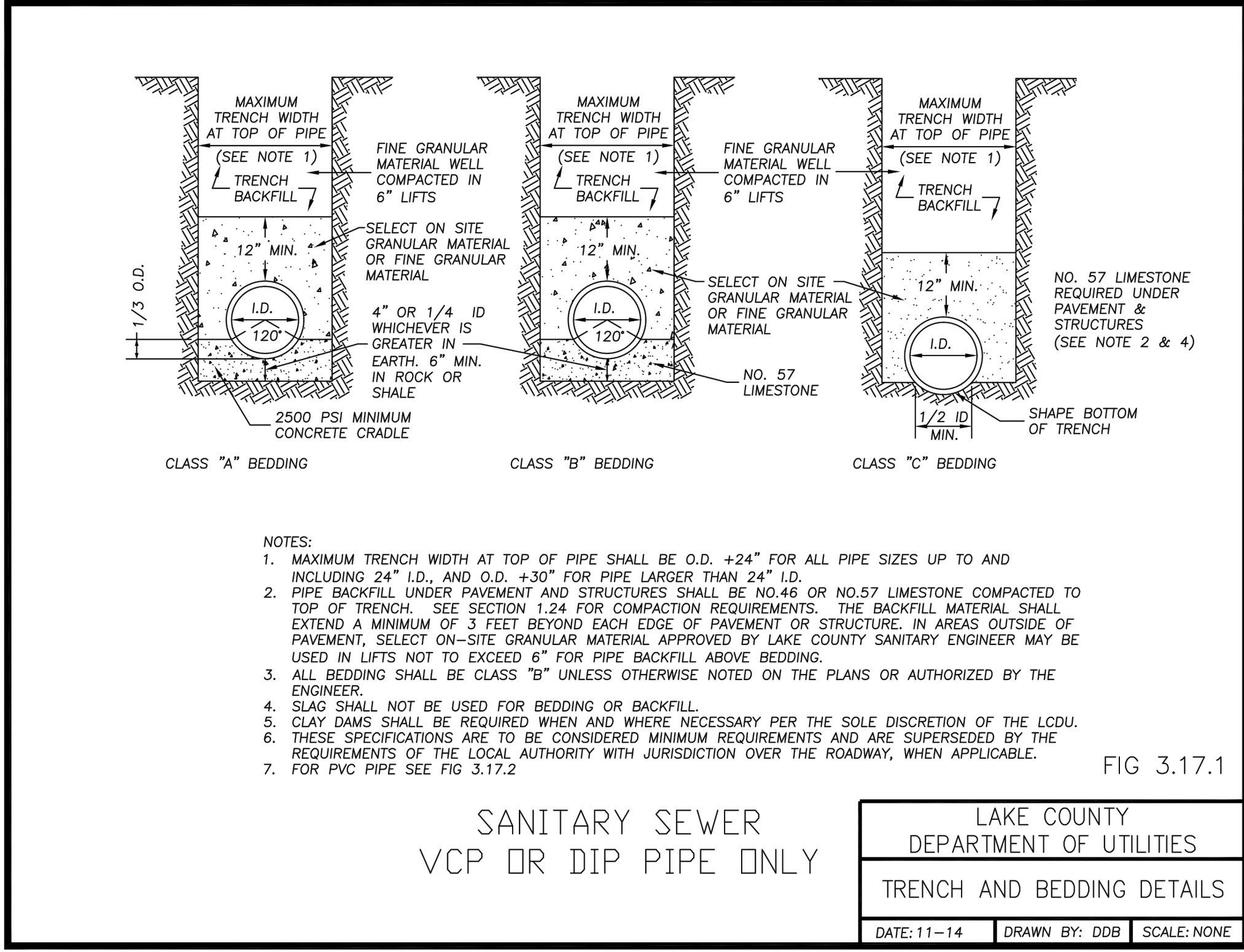


FIG 3.17.1

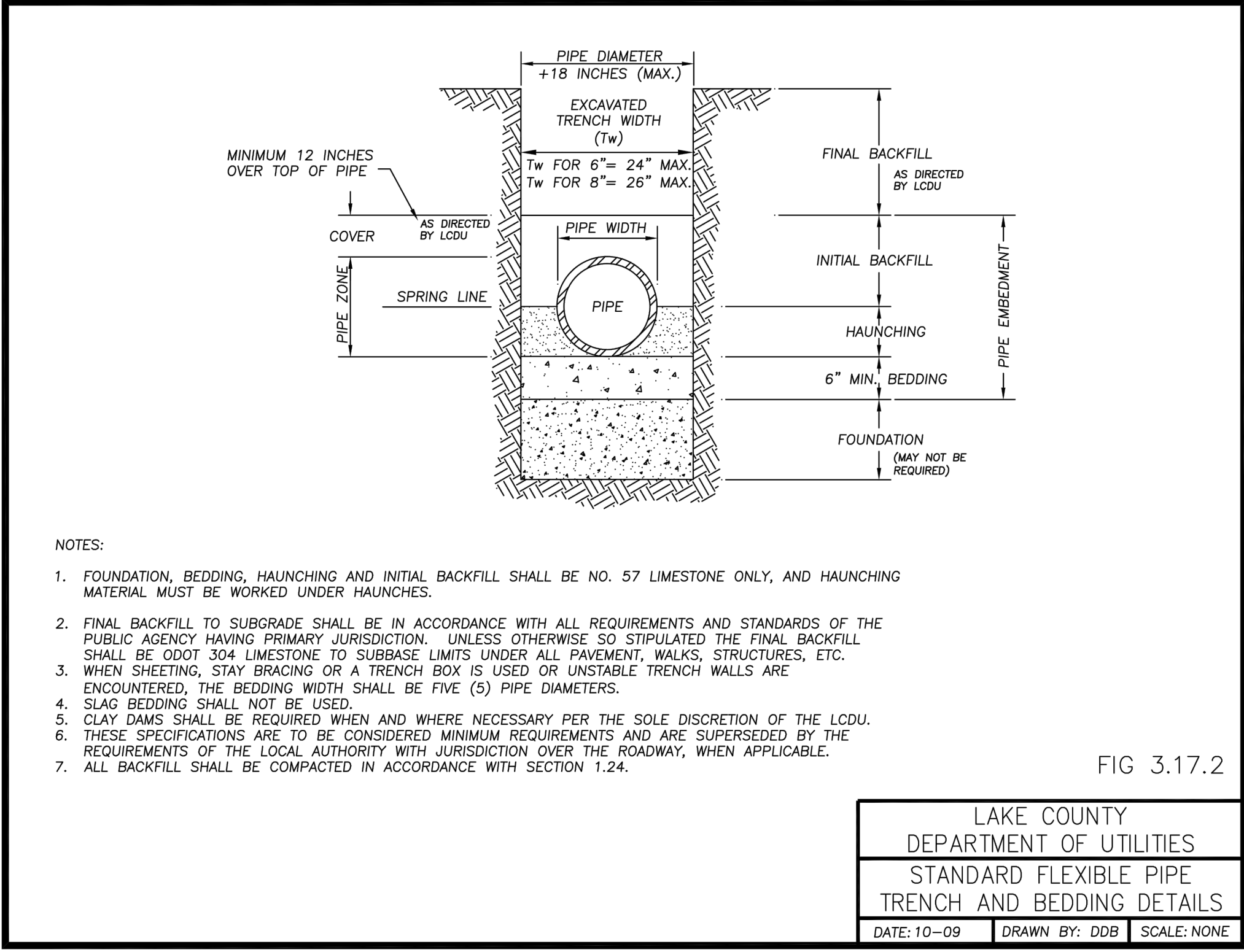


FIG 3.17.2

STATE OF OHIO

LENE C. HILL

E-66017

REGISTERED PROFESSIONAL ENGINEER

verdantas

LAKE COUNTY, OHIO

NO	REVISION	DATE

VILLAGE OF FAIRPORT HARBOR

NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS

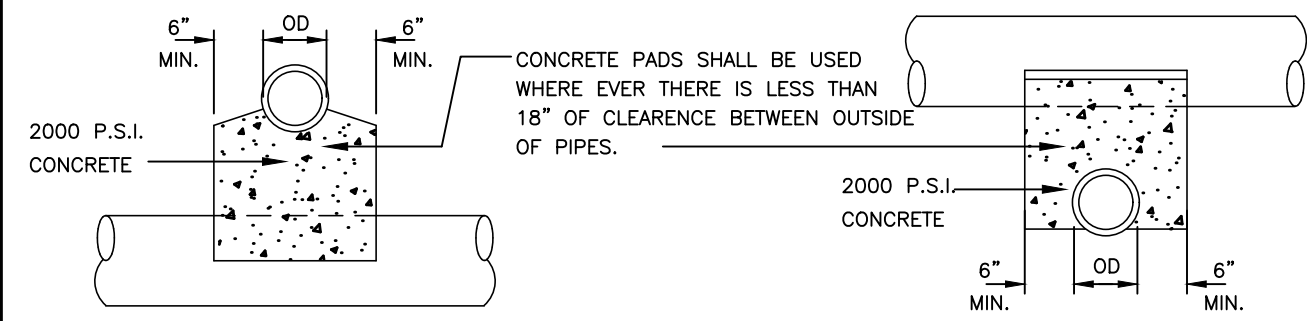
LAKE COUNTY, OHIO

ISSUED FOR:	BID
ISSUE DATE:	2/06/2026
SCALE:	AS SHOWN
DESIGNED BY:	PTV
DRAWN BY:	PTV
CHECKED BY:	LCH

STANDARD DETAILS

PROJECT NO.	
33601	
DISCIPLINE	
CIVIL	
SHEET NAME	
SD-03	
SHEET	OF
16	17

C:\CTCAD_DRAWER\H36010-FAIRPORT HARBOR-4TH ST STW AND SANICAD\DWG\SHEETSC\336010-DETAILS.DWG - SD-03 - 13050208 9:47:13 AM - PETE VRETTAS



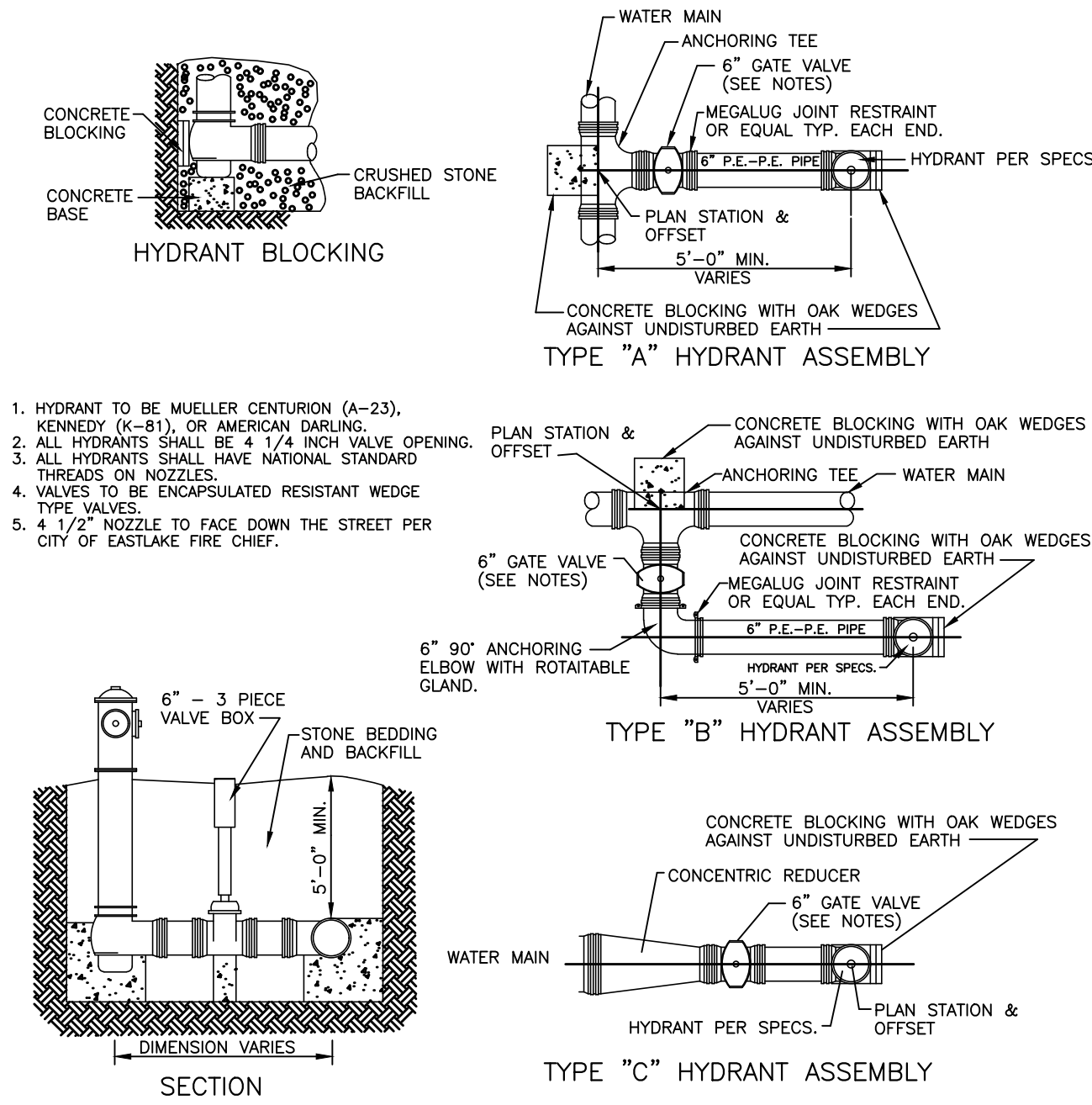
UNLESS OTHERWISE DIRECTED BY THE ENGINEER, WHERE TWO PIPES (SEWER AND WATER) CROSS EACH OTHER, A CONCRETE PAD AND CRADLE SEPARATOR SHALL BE PLACED BETWEEN THEM AS INDICATED ABOVE, WHERE PERMISSION IS GRANTED TO OMIT THE CONCRETE PADS, GRANULAR BACKFILL SHALL BE TAMPED IN 6" LAYERS AROUND BOTH PIPES SUCH TAMPED BACKFILL SHALL BE CONTINUOUS FROM THE CRADLE OF THE LOWER PIPE TO THE TOP OF THE UPPER PIPE AND AT THE BOTTOM SHALL EXTEND IN BOTH DIRECTIONS, FOR THE FULL WIDTH OF THE TRENCH.

PIPE CROSSING DETAIL

NO SCALE

Village Of
Fairport Harbor
Standard Construction Details

SD-2-07

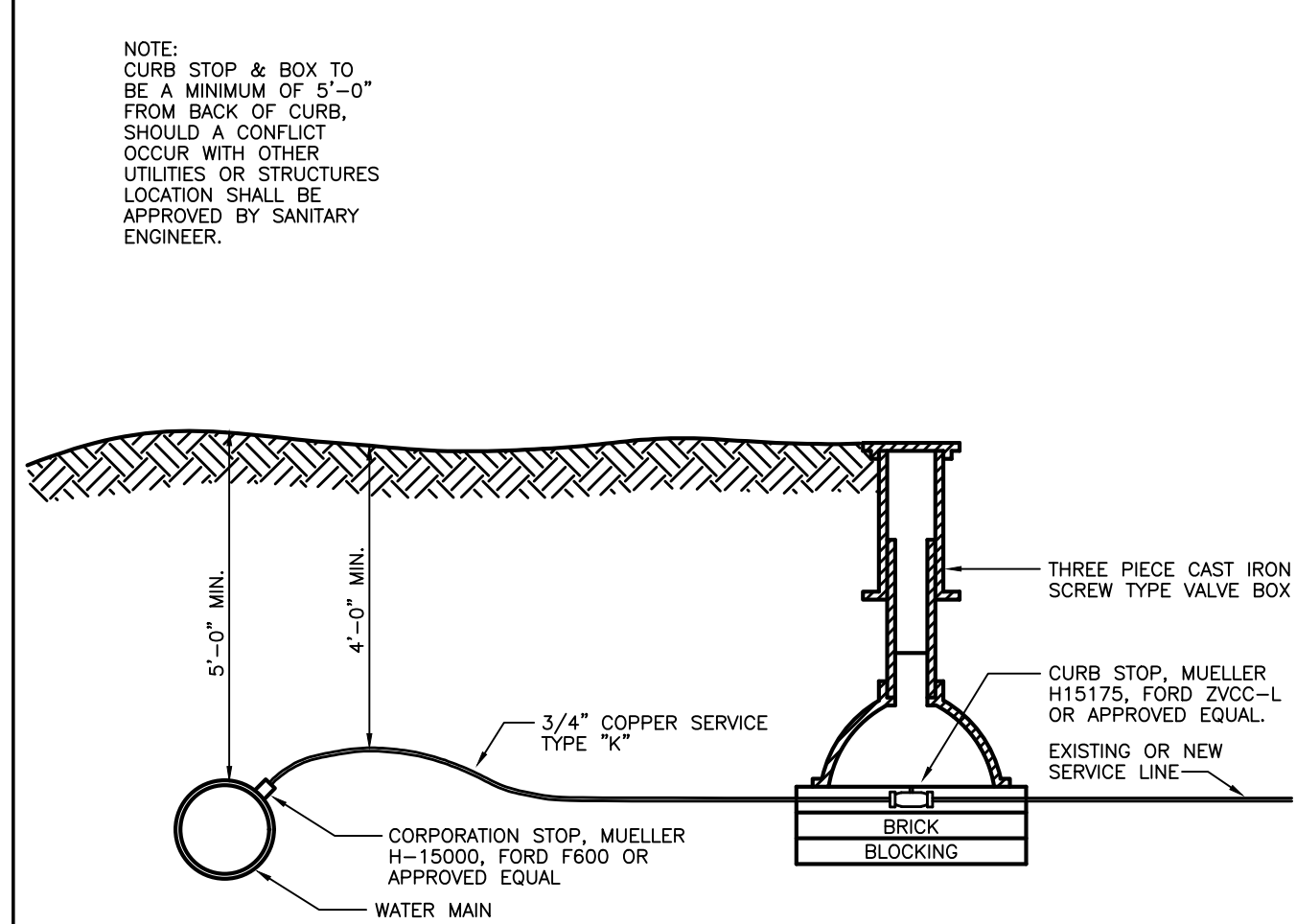


HYDRANT ASSEMBLY DETAIL

NO SCALE

Village Of
Fairport Harbor
Standard Construction Details

SD-4-01

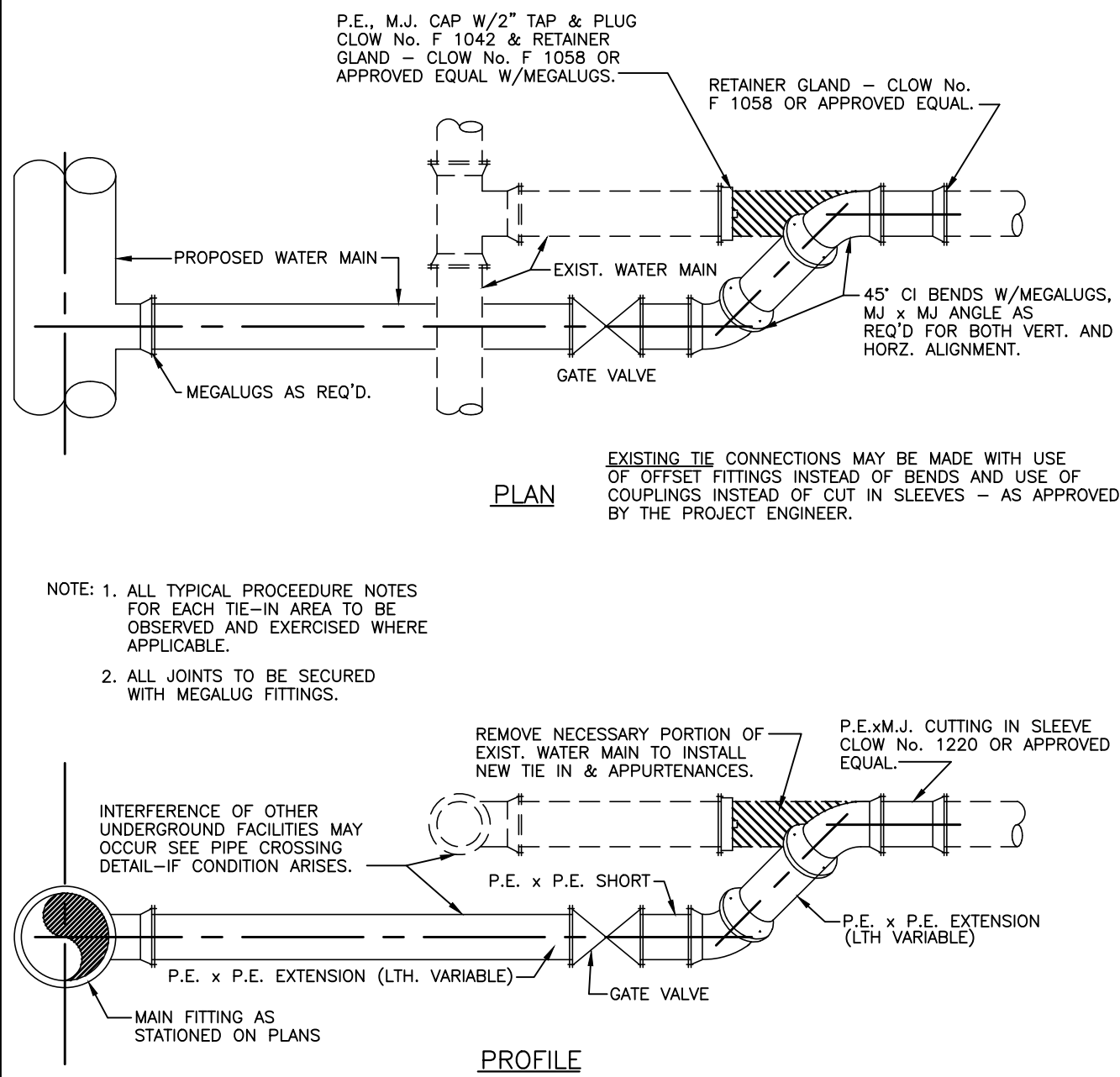


SERVICE TIE-IN

NO SCALE

Village Of
Fairport Harbor
Standard Construction Details

SD-4-02

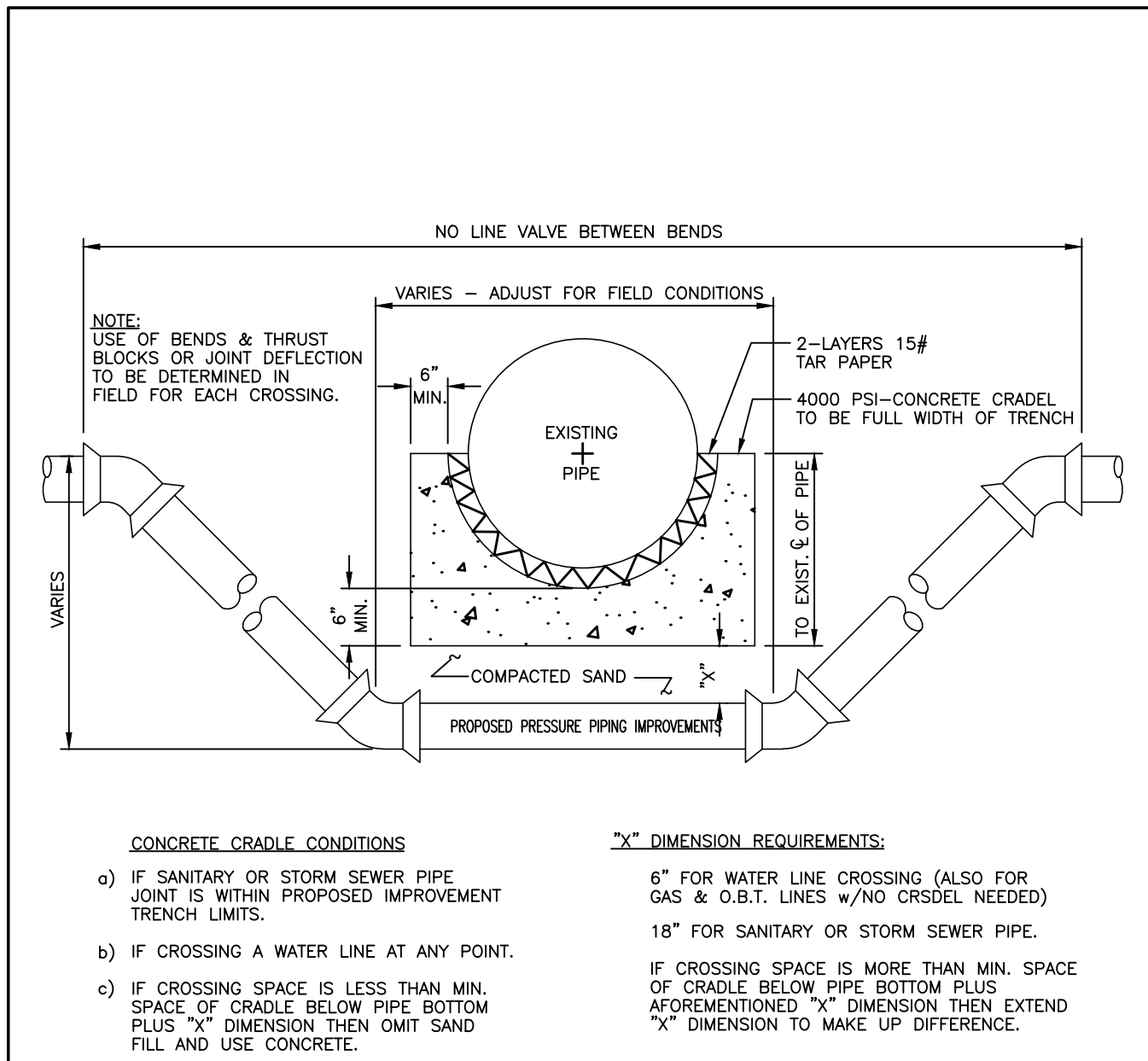


DIRECT SERVICE DEVIATION

NO SCALE

Village Of
Fairport Harbor
Standard Construction Details

SD-4-04



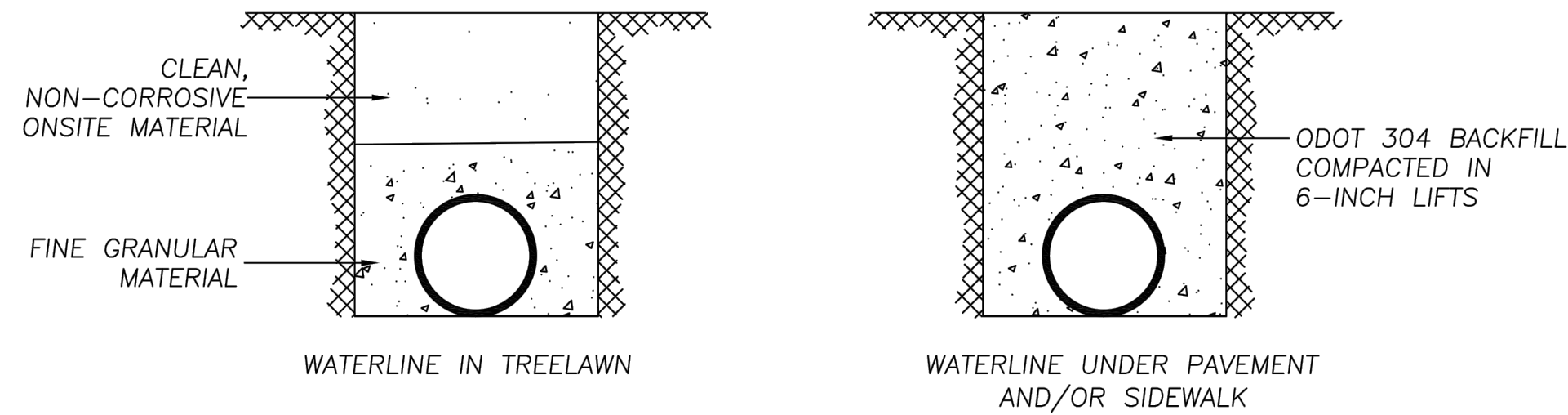
PIPE LOWERING DETAIL

NO SCALE

Village Of
Fairport Harbor
Standard Construction Details

SD-4-06

FOR C909 PVC WATERLINE ONLY



NOTES:
1. RECYCLED MATERIAL SHALL NOT BE USED.
ALL VALVES, HYDRANTS, HYDRANT VALVES SHALL BE BACKFILLED WITH 57 LIMESTONE.
2. FINE GRANULAR MATERIAL SHALL HAVE NO ROUGHS BIGGER THAN 1-INCH TO 2-INCH IN DIAMETER.
3. ON-SITE GRANULAR MATERIAL REQUIRED, OTHERWISE PROVIDE SAND (ODOT 703) OR ODOT 304.

WATER MAIN TRENCH & BEDDING DETAIL

NOT TO SCALE

VILLAGE OF FAIRPORT HARBOR
NEW FOURTH ST. STORM,
SANITARY & WATER
IMPROVEMENTS
LAKE COUNTY, OHIO

ISSUED FOR: BID
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CHECKED BY: LCH

STANDARD DETAILS

PROJECT NO.	
33601	
DISCIPLINE	
CIVIL	
SHEET NAME	
SD-04	
SHEET	OF
17	17



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