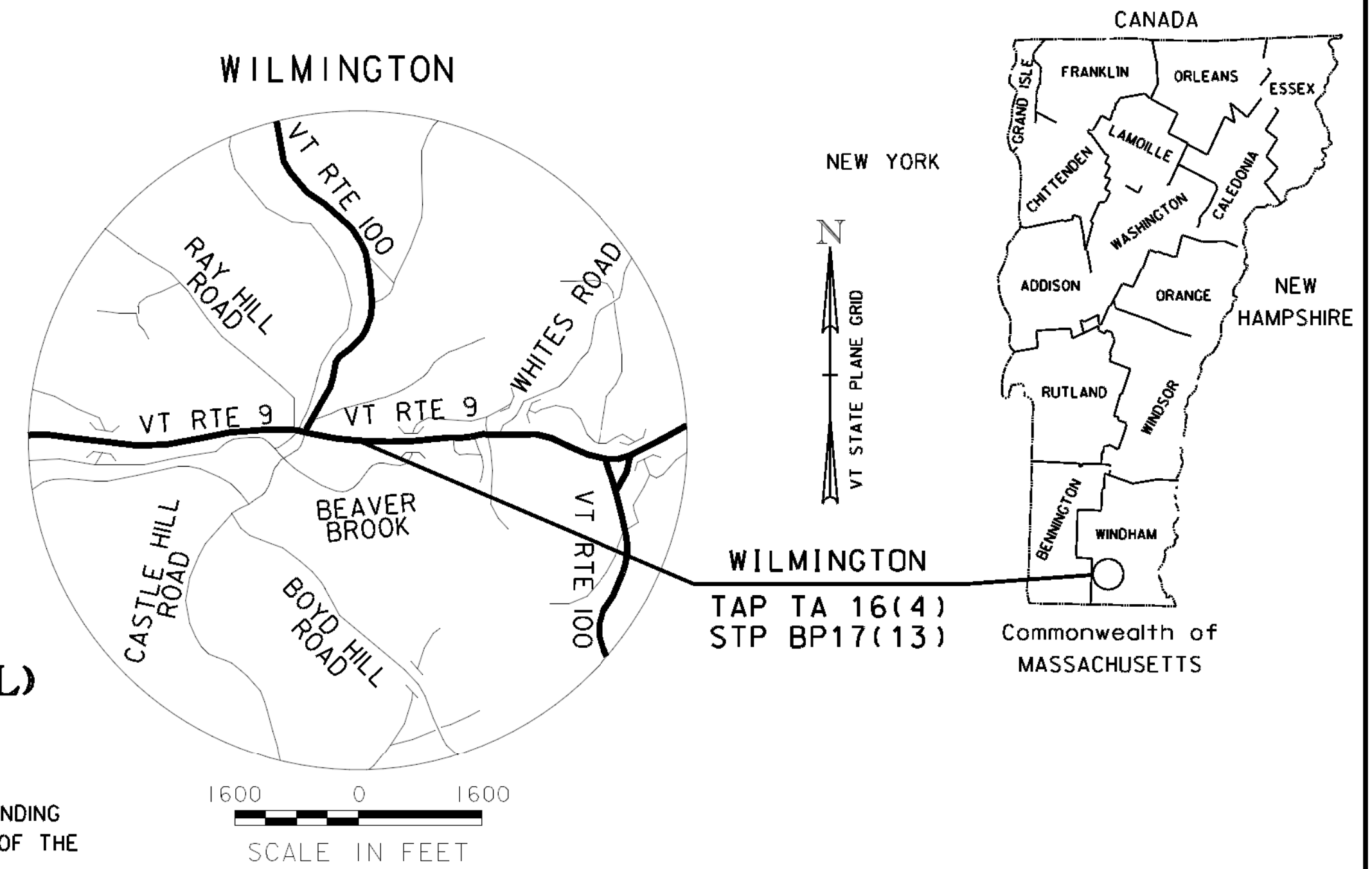


TOWN OF WILMINGTON



COUNTY OF WINDHAM
VT ROUTE 9

PROPOSED IMPROVEMENTS EAST MAIN STREET SIDEWALK (PRINCIPAL ARTERIAL) TAP TA 16(4) - STP BP17(13)



PROJECT LOCATION: BEGINNING AT A POINT ON VT ROUTE 9 ACROSS FROM THE INTERSECTION WITH BEAVER STREET, AND EXTENDING EASTERLY ALONG VT ROUTE 9 FOR APPROXIMATELY 1300 FEET UNTIL REACHING THE WESTERN APPROACH OF THE BRIDGE OVER BEAVER BROOK.

LENGTH OF PROJECT: 1,284 FT = 0.24 MILES

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REPLACING CONCRETE SIDEWALK, NEW GRANITE CURB, DRIVE IMPROVEMENTS, INSTALLING A NEW SEWER LINE, STREETScape ENHANCEMENTS TO INCLUDE LANDSCAPING AND FLAGSTONE RETAINING WALLS, AS WELL AS NEW SIGNING AND STRIPING FOR CROSSWALKS.



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2024, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 27, 2023 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM: LEVEL 2

SURVEYED BY : VHB
SURVEYED DATE : DECEMBER 2016

DATUM
VERTICAL: NAVD 1988
HORIZONTAL: NAD 1983 (11)

PROJECT MANAGER : C.K. FORD, P.E.

PROJECT NAME : EAST MAIN STREET SIDEWALK
PROJECT NUMBER : TAP TA 16(4)-STP BP17(13)
SHEET 1 OF 40 SHEETS



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VAOT STANDARDS

B-5	SLOPE GRADING, EMBANKMENTS, MUCK	06-01-1994
B-71a	STANDARD FOR RESIDENTIAL DRIVES	04-07-2020
B-71b	STANDARD FOR COMMERCIAL DRIVES	04-07-2020
C-10	CURBING	02-17-2022
C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	06-24-2025
C-2B	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK AND GREEN STRIP	06-24-2025
C-3A	SIDEWALK RAMPS	06-24-2025
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	06-24-2025
D-20	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES	03-03-2003
E-10	ROLLED EROSION CONTROL PRODUCT, TYPE I	04-07-2020
E-12	STABILIZED CONSTRUCTION ENTRANCE	04-07-2020
		08-08-1995
		06-24-2025
T-1	TRAFFIC CONTROL GENERAL NOTES	
T-2	TRAFFIC SIGN GENERAL NOTES	06-24-2025
T-10	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING	06-24-2025
T-28	CONSTRUCTION SIGN DETAILS	06-24-2025
T-30	CONSTRUCTION SIGN DETAILS	02-17-2022
T-45	SQUARE TUBE SIGN POST AND ANCHOR	06-24-2025
T-56	STANDARD SIGN PLACEMENT	06-24-2025
T-191	PAVEMENT MARKING DETAILS	06-24-2025

WORK ZONE TRAFFIC CONTROL DETAILS

TEMPORARY CURB RAMPS	07-09-2017
PEDESTRIAN TRAFFIC CONTROL DEVICES	04-04-2018

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923IND.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	C.K. FORD
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PLOT DATE:	10/6/2025
DRAWN BY:	C.K. FORD
CHECKED BY:	E.P. DETRICK
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GENERAL INFORMATION

SYMBOLGY LEGEND NOTE

THE SYMBOLGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLGY. THE SYMBOLGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R. O. W. ABBREVIATIONS (CODES) & SYMBOLS

POINT CODE	DESCRIPTION
CH	CHANNEL EASEMENT
CONST	CONSTRUCTION EASEMENT
CUL	CULVERT EASEMENT
D&C	DISCONNECT & CONNECT
DIT	DITCH EASEMENT
DR	DRAINAGE EASEMENT
DRIVE	DRIVEWAY EASEMENT
EC	EROSION CONTROL
HWY	HIGHWAY EASEMENT
I&M	INSTALL & MAINTAIN EASEMENT
LAND	LANDSCAPE EASEMENT
R&RES	REMOVE & RESET
R&REP	REMOVE & REPLACE
SR	SLOPE RIGHT
UE	UTILITY EASEMENT
(P)	PERMANENT EASEMENT
(T)	TEMPORARY EASEMENT
■	BNDNS BOUND SET
□	BNDNS BOUND TO BE SET
⊙	IPNF IRON PIN FOUND
●	IPNS IRON PIN TO BE SET
⊠	CALC EXISTING ROW POINT
○	PROW PROPOSED ROW POINT
[LENGTH]	LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT CODE	DESCRIPTION
⊕	APL BOUND APPARENT LOCATION
◻	BM BENCHMARK
◻	BND BOUND
□	CB CATCH BASIN
⊕	COMB COMBINATION POLE
□	DITHR DROP INLET THROATED DNC
⊕	EL ELECTRIC POWER POLE
◊	FPOLE FLAGPOLE
○	GASFIL GAS FILLER
○	GP GUIDE POST
×	GSO GAS SHUT OFF
◊	GUY GUY POLE
◊	GUYW GUY WIRE
×	GV GATE VALVE
⊕	H TREE HARDWOOD
△	HCTRL CONTROL HORIZONTAL
▲	HVCTRL CONTROL HORIZ. & VERTICAL
◇	HYD HYDRANT
◊	IP IRON PIN
●	IPIPE IRON PIPE
⊕	LI LIGHT - STREET OR YARD
⊕	MB MAILBOX
○	MH MANHOLE (MH)
■	MM MILE MARKER
■	PM PARKING METER
■	PMK PROJECT MARKER
○	POST POST STONE/WOOD
⊕	RRSIG RAILROAD SIGNAL
⊕	RRSL RAILROAD SWITCH LEVER
⊕	S TREE SOFTWOOD
⊕	SAT SATELLITE DISH
⊕	SHRUB SHRUB
⊕	SIGN SIGN
⊕	STUMP STUMP
⊕	TEL TELEPHONE POLE
◊	TIE TIE
⊕	TSIGN SIGN W/DOUBLE POST
⊕	VCTRL CONTROL VERTICAL
◊	WELL WELL
×	WSO WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADUIS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

UTILITY SYMBOLGY

UNDERGROUND UTILITIES

— UT —	UTILITY (GENERIC-UNKNOWN)
— UE —	TELEPHONE
— UE —	ELECTRIC
— UC —	CABLE (TV)
— UEC —	ELECTRIC+CABLE
— UET —	ELECTRIC+TELEPHONE
— UCT —	CABLE+TELEPHONE
— UECT —	ELECTRIC+CABLE+TELEP.
— G —	GAS LINE
— W —	WATER LINE
— S —	SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

— T —	UTILITY (GENERIC-UNKNOWN)
— E —	TELEPHONE
— C —	CABLE (TV)
— EC —	ELECTRIC+CABLE
— ET —	ELECTRIC+TELEPHONE
— AER E&T —	ELECTRIC+TELEPHONE
— CT —	CABLE+TELEPHONE
— ECT —	ELECTRIC+CABLE+TELEP.
—	UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLGY

PROJECT DESIGN & LAYOUT SYMBOLGY

— CZ —	CLEAR ZONE
—	PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

—	TOP OF CUT SLOPE
—	TOE OF FILL SLOPE
—	STONE FILL
—	BOTTOM OF DITCH
—	CULVERT PROPOSED
—	STRUCTURE SUBSURFACE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
XXXXXXXXXXXXXXXXXXXX	TREE PROTECTION ZONE (TPZ)
////	STRIPING LINE REMOVAL
~~~~	SHEET PILES

**CONVENTIONAL BOUNDARY SYMBOLGY**

**BOUNDARY LINES**

— TOWN LINE —	TOWN BOUNDARY LINE
— COUNTY LINE —	COUNTY BOUNDARY LINE
— STATE LINE —	STATE BOUNDARY LINE
—	PROPOSED STATE R.O.W. (LIMITED ACCESS)
—	PROPOSED STATE R.O.W.
—	STATE ROW (LIMITED ACCESS)
—	STATE ROW
—	TOWN ROW
—	PERMANENT EASEMENT LINE (P)
—	TEMPORARY EASEMENT LINE (T)
—	SURVEY LINE
P	PROPERTY LINE (P/L)
L	
SR	SLOPE RIGHTS
6f	6F PROPERTY BOUNDARY
4f	4F PROPERTY BOUNDARY
HAZ	HAZARDOUS WASTE

**EPSC LAYOUT PLAN SYMBOLGY**

**EPSC MEASURES**

—	FILTER CURTAIN
—	SILT FENCE
—	SILT FENCE WOVEN WIRE
—	CHECK DAM
—	DISTURBED AREAS REQUIRING RE-VEGETATION
—	EROSION MATTING

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLGY

**ENVIRONMENTAL RESOURCES**

—	WETLAND BOUNDARY
—	RIPARIAN BUFFER ZONE
—	WETLAND BUFFER ZONE
—	SOIL TYPE BOUNDARY
— T&E —	THREATENED & ENDANGERED SPECIES
— HAZ —	HAZARDOUS WASTE AREA
— AG —	AGRICULTURAL LAND
— HABITAT —	FISH & WILDLIFE HABITAT
— FLOOD PLAIN —	FLOOD PLAIN
— OHW —	ORDINARY HIGH WATER (OHW)
—	STORM WATER
—	USDA FOREST SERVICE LANDS
—	WILDLIFE HABITAT SUIT/CONN

**ARCHEOLOGICAL & HISTORIC**

— ARCH —	ARCHEOLOGICAL BOUNDARY
— HISTORIC DIST —	HISTORIC DISTRICT BOUNDARY
— HISTORIC —	HISTORIC AREA
(H)	HISTORIC STRUCTURE

**CONVENTIONAL TOPOGRAPHIC SYMBOLGY**

**EXISTING FEATURES**

—	ROAD EDGE PAVEMENT
—	ROAD EDGE GRAVEL
—	DRIVEWAY EDGE
—	DITCH
—	FOUNDATION
—	FENCE (EXISTING)
—	FENCE WOOD POST
—	FENCE STEEL POST
—	GARDEN
—	ROAD GUARDRAIL
—	RAILROAD TRACKS
—	CULVERT (EXISTING)
—	STONE WALL
—	WALL
—	WOOD LINE
—	BRUSH LINE
—	HEDGE
—	BODY OF WATER EDGE
—	LEDGE EXPOSED

PROJECT NAME: EAST MAIN STREET SIDEWALK  
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)

FILE NAME: 57923.legend.dgn PLOT DATE: 10/6/2025  
PROJECT LEADER: E.P. DETRICK DRAWN BY: VTRANS  
DESIGNED BY: VTRANS CHECKED BY: E.P. DETRICK  
CONVENTIONAL SYMBOLGY LEGEND SHEET SHEET 3 OF 40



## GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2024, AND ITS LATEST REVISIONS, THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ITS LATEST REVISIONS, AND SUCH SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THE FINAL CONTRACT DOCUMENTS.
2. PER ADA GUIDELINES, SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%.
3. ANY WASTE MATERIAL SHALL BE REMOVED AND HAULED TO A FACILITY PREVIOUSLY APPROVED BY THE VT DEC.

## CONSTRUCTION NOTES

1. SAW CUTTING OF PAVEMENT AND SIDEWALK SHALL BE INCIDENTAL TO ALL OTHER CONTRACT ITEMS. NO SEPARATE PAYMENT WILL BE MADE.
2. REMOVAL OF EXISTING CONCRETE SIDEWALKS AND DRIVEWAY WILL BE PAID AS ITEM 203.1600 - SOLID ROCK EXCAVATION.
3. ALL EXCESS SOIL REMOVED FROM THE PROJECT AREA SHALL BE RE-USED WITHIN AN URBAN BACKGROUND AREA, AS DESIGNATED ON THE AGENCY OF NATURAL RESOURCES ANR ATLAS. THE CONTRACTOR SHALL PROVIDE THE AGENCY WITH WRITTEN DOCUMENTATION OF THE LOCATION(S) OF OFF-SITE DISPOSITION.
4. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION AS PER THE ANR LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
5. ALL EXISTING CURB WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND REPLACED AS SHOWN IN PLANS. GRANITE CURB SHALL BE SALVAGED TO THE TOWN. CONCRETE CURB SHALL BE DISPOSED OF BY THE CONTRACTOR.
6. ALL DRIVE ENTRANCES SHALL EITHER BE TYPE 2 AS SHOWN ON STANDARD C-2A OR TYPE 6 AS SHOWN ON STANDARD C-2B, AS APPROPRIATE.
7. CONCRETE DRIVEWAYS SHALL BE RECONSTRUCTED WITH CONCRETE, CLASS B. PAYMENT WILL BE MADE UNDER ITEM 541.2200, "CONCRETE, CLASS B".
8. SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B - 5.
9. A PORTION OF THE EXISTING DRY STACKED STONE WALL AT 38 EAST MAIN STREET SHALL BE REMOVED AND REBUILT IF NECESSARY FOR THE INSTALLATION OF THE SEWER SERVICE LATERAL. PRIOR TO REMOVING THE WALL, THE CONTRACTOR SHALL MAP OUT AND DOCUMENT THE EXISTING WALL WITH ENOUGH DETAIL TO RESTORE IT TO ITS ORIGINAL CONDITION. SPECIAL CARE AND PRECAUTIONS SHALL BE TAKEN DURING REMOVAL AND STORAGE OF THE EXISTING STONES TO ENSURE THAT THE STONE IS NOT DAMAGED. ANY DAMAGED STONES OR ADDITIONAL STONES NEEDED TO REPLACE UNSUITABLE STONES WILL NOT BE COMPENSATED FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEM. CONTRACTOR SHALL REUSE THE EXISTING STONES TO REBUILD THE WALL AS CLOSE TO ITS ORIGINAL CONDITION AS POSSIBLE. THIS WORK SHALL BE PAID FOR UNDER 602.3500 "REBUILT STONE MASONRY".
10. REMOVAL OF THE EXISTING CONCRETE STEPS AND HAND RAILING AND WOODEN HANDICAP RAMP AT 28 EAST MAIN STREET, AND REMOVAL OF THE EXISTING CONCRETE STEPS AT 34 EAST MAIN STREET SHALL BE INCIDENTAL TO ALL OTHER PROJECT EXCAVATION.
11. RECONSTRUCTION OF THE WOODEN HANDICAP RAMP AT 28 EAST MAIN STREET SHALL CONSIST OF REMOVING, RESETTING, AND REBUILDING THE EXISTING RAMP. SPECIAL CARE AND PRECAUTIONS SHALL BE TAKEN DURING REMOVAL AND STORAGE OF EXISTING LUMBER AND CONCRETE FOOTINGS. IF EXISTING LUMBER IS NOT SUITABLE FOR REUSE, NEW LUMBER SHALL BE USED FOR PART OR ALL OF THE RECONSTRUCTED RAMP. THE EXISTING CONCRETE FOOTINGS SHALL BE REUSED. THE RECONSTRUCTED RAMP SHALL COMPLY WITH ADA ACCESSIBILITY STANDARDS. PAYMENT FOR THIS WORK SHALL BE UNDER ITEM 522.3500 "STRUCTURAL LUMBER AND TIMBER, TREATED".
12. REMOVING AND RESETTING THE PLANTER AT 34 EAST MAIN STREET SHALL CONSIST OF REMOVING AND RESETTING THE EXISTING PLANTER IN ITS ORIGINAL LOCATION. SPECIAL CARE AND PRECAUTIONS SHALL BE TAKEN DURING REMOVAL AND STORAGE OF EXISTING MATERIAL. IF EXISTING MATERIAL IS NOT SUITABLE FOR REUSE, NEW MATERIAL SHALL BE USED FOR PART OR ALL OF THE RESET PLANTER. PAYMENT FOR THIS WORK SHALL BE UNDER ITEM 522.3500 "NONSTRUCTURAL LUMBER, TREATED". REMOVING AND RESETTING EXISTING MATERIAL SHALL BE INCIDENTAL TO ITEM 201.1000 "CLEARING AND GRUBBING".
13. REBUILDING THE STONE STEPS AND WALKWAY AT 36 EAST MAIN STREET SHALL CONSIST OF REMOVING AND RESETTING THE EXISTING STONE STEPS IN THEIR ORIGINAL LOCATIONS. SPECIAL CARE SHALL BE TAKEN DURING REMOVAL AND STORAGE OF EXISTING STONES TO ENSURE THAT THE STONE IS NOT DAMAGED. THE EXISTING STONES' SIZES AND LOCATIONS SHALL BE NOTED. STONES SHALL BE REPLACED WITH SIMILAR STONES IF DETERMINED NECESSARY BY ENGINEER. PAYMENT FOR REBUILDING THE STONE STEPS SHALL BE UNDER ITEM 602.3500 "REBUILT STONE MASONRY". ANY DAMAGED STONES OR ADDITIONAL STONES NEEDED TO REPLACE UNSUITABLE STONES WILL NOT BE COMPENSATED FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEM.
14. THERE IS AN EXISTING LANDSCAPED AREA BEHIND THE SIDEWALK BETWEEN STA. 6+30 RT AND 6+77 RT. EXISTING LANDSCAPING SHALL BE REMOVED, NEW PERENNIALS SHALL BE PLANTED, AND THE AREA SHALL BE FILLED IN WITH BARK MULCH MATCHING THE COLOR OF THE EXISTING MULCH. CONTRACTOR SHALL COORDINATE WITH THE TOWN OF WILMINGTON ON PLANT TYPES, COLORS, AND LAYOUT OF LANDSCAPED AREA. PAYMENT FOR PERENNIALS, LANDSCAPE BACKFILL, AND LANDSCAPE WATERING SHALL BE UNDER THEIR RESPECTIVE PAY ITEMS. PAYMENT FOR BARK MULCH SHALL BE CONSIDERED INCIDENTAL TO ALL OTHER LANDSCAPING ITEMS.

## RETAINING WALL NOTES:

1. RETAINING WALLS 1 AND 2 AS SHOWN WITHIN THESE PLANS SHALL BE DRY STACKED, FLAT FLAG STONE RETAINING WALLS WITH CONCRETE STEPS WITH HANDRAIL EXTENSIONS. THE CONTRACTOR SHALL DESIGN AND FURNISH THESE WALLS AND CONCRETE STEPS IN ACCORDANCE WITH THE PLANS. SHOP DRAWINGS OF THE RETAINING WALLS SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL. COST IS INCIDENTAL TO ITEM 602.2000 "DRY MASONRY". PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.
2. END OF COPING NOT SHOWN ON PLAN AND ELEVATION VIEWS.
3. ACTUAL WALL ALIGNMENTS AND LIMITS TO BE DETERMINED IN THE FIELD. CONTRACTOR TO FIELD VERIFY AND ALTER BASED ON CURRENT CONDITIONS.
4. UTILITY POLES AND/OR OTHER FACILITIES REQUIRED WITHIN THE WALL LIMITS SHALL NOT BE DRIVEN OR AUGERED THROUGH GEOSYNTHETIC REINFORCEMENT. THE IMPACT OF UTILITY POLES AND/OR OTHER FACILITIES ON WALL REINFORCEMENT SHALL BE ADDRESSED IN THE WALL DESIGN.
5. EXCAVATION FOR THE RETAINING WALLS SHALL BE PAID FOR UNDER ITEM 204.2500 "STRUCTURE EXCAVATION". CONSTRUCTION OF RETAINING WALLS SHALL BE PAID FOR UNDER ITEM 602.2000 "DRY MASONRY". SEE DETAIL SHEETS FOR PAYMENT INFORMATION ON STAIRS AND HANDRAILS.

## UTILITY NOTES

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR DESIGN ENGINEER HAVE NOT INDEPENDENTLY VERIFIED ALL OF THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED AND THE INFORMATION FURNISHED IN WRITING TO THE RESIDENT ENGINEER FOR THE RESOLUTION OF THE CONFLICT.
3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE PLANS, CROSS SECTIONS AND DRAINAGE NOTES.
4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
  - A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
  - B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
  - C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
5. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE VERIFIED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS.
6. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ALL WATER VALVES, MANHOLES, & DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS TO THE FINAL GRADE ELEVATION.
7. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL BURIED AND AERIAL UTILITIES AND POLES PRIOR TO STARTING WORK. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY OWNERS TO CONFIRM ACTUAL LOCATIONS PRIOR TO CONSTRUCTION.
8. ACT NO. 86 OF 1987 (30 VSA CHAPTER 86) ("DIG SAFE") REQUIRES THAT NOTICE BE GIVEN PRIOR TO MAKING AN EXCAVATION. IT IS SUGGESTED THAT THE CONTRACTOR TELEPHONE 1-888-344-7233 AT LEAST 48 HOURS BEFORE, AND NOT MORE THAN 30 DAYS BEFORE, BEGINNING ANY EXCAVATION AT ANY LOCATION. NOTE THAT TOWN OF WILMINGTON AND VTRANS WILL NOT BE NOTIFIED BY DIG SAFE AND MUST BE CONTACTED SEPARATELY.
9. PROPOSED SEWER LINES RUN ADJACENT TO HEAVY TRUCK TRAFFIC. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO ENSURE STABILITY OF THE ROAD DURING CONSTRUCTION OF SEWER MAIN.
10. THERE ARE CURB STOPS FOR WATER SERVICES THAT EXIST THROUGHOUT THE PROJECT CORRIDOR. ONCE THE CONTRACTOR CONFIRMS PROPOSED SLOPE LIMITS IN THE FIELD, THEY SHALL COORDINATE WITH THE TOWN OF WILMINGTON TO IDENTIFY WHICH CURB STOPS NEED TO BE ADJUSTED. FOR ANY CURB STOPS THAT REQUIRE EXCAVATION, THE CONTRACTOR SHALL PERFORM THE EXCAVATION AND THE TOWN SHALL PERFORM THE CURB STOP ADJUSTMENTS. THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATING AROUND THE CURB STOPS SUFFICIENTLY TO ALLOW THE TOWN TO MAKE PROPER ADJUSTMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN NO LESS THAN 72 HOURS IN ADVANCE OF THE WORK. EXISTING CURB STOPS THAT REQUIRE LATERAL ADJUSTMENTS ARE LOCATED AT THE FOLLOWING APPROXIMATE STATIONS AND OFFSETS: STA. 9+43, LT 22' AND STA. 10+36, LT 24'.
11. SEVERAL UTILITY POLES IN THE PROJECT AREA WERE RELOCATED PRIOR TO THIS PROJECT. THE CONTRACTOR SHALL NOT DISTURB THESE RELOCATED UTILITY POLES. CONTRACTOR SHALL PROTECT THE RELOCATED POLES LOCATED IN PROXIMITY TO THE RETAINING WALLS DURING CONSTRUCTION OF THE WALLS.

## UTILITY NOTES (CONT.)

12. THE LOCATIONS FOR SEWER SERVICES SHOWN ON THE PLANS ARE NOT EXACT. THE EXISTING SEWER SERVICE INFORMATION IS BASED ON APPROXIMATIONS BY THE WILMINGTON WASTEWATER TREATMENT PLANT. LOCATIONS ARE TO BE FIELD CONFIRMED PRIOR TO INSTALLATION. COORDINATION IS REQUIRED BETWEEN THE CONTRACTOR, THE TOWN, THE WASTEWATER TREATMENT PLANT, THE PROPERTY OWNER, AND THE ENGINEER FOR LOCATING NEW SERVICE LOCATIONS AND OTHER ITEMS INCLUDED IN THIS WORK.
13. EXISTING SEWER SERVICE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL PERFORM BYPASS PUMPING OF THE EXISTING SANITARY SEWER SYSTEM DURING CONSTRUCTION AS NECESSARY TO MAINTAIN FLOW AND PREVENT BACKUPS. CONTRACTOR SHALL SUBMIT A PLAN TO THE ENGINEER FOR MAINTAINING SEWER SERVICE. THIS WORK SHALL BE PAID FOR UNDER ITEM 628.4300 "TRANSFER TO NEW SYSTEM, SANITARY SEWER, ALL-INCLUSIVE".
14. CONTRACTOR SHALL COORDINATE WITH THE TOWN OF WILMINGTON AND THE WILMINGTON WASTEWATER TREATMENT PLANT FOR ANY PLANNED INTERRUPTIONS TO THE SEWER SERVICE. AFFECTED CUSTOMERS SHALL BE NOTIFIED NO LESS THAN FIVE (5) DAYS PRIOR TO THE INTERRUPTION.
15. SEWER SERVICES THAT ARE DESIGNATED TO BE REPLACED SHALL BE REPLACED TO 5 FEET FROM BUILDING OR AS DETERMINED BY TOWN.
16. CONTRACTOR SHALL NOTIFY AFFECTED PROPERTY OWNERS NO LESS THAN 48 HOURS IN ADVANCE OF SEWER SERVICE LATERAL WORK OCCURRING AT THE PROPERTY.
17. SEWER CLEANOUTS SHALL BE INSTALLED FOR EACH SEWER SERVICE INSTALLED AS PART OF THIS PROJECT. CLEANOUT LOCATIONS SHALL BE COORDINATED WITH TOWN.
18. THE EXISTING HYDRANT REMOVED AS PART OF THIS PROJECT SHALL REMAIN THE PROPERTY OF THE TOWN.

## RIGHT-OF-WAY NOTES:

BELOW IS A SUMMARY OF HOW ROUTE 9 IS DEPICTED:

1. NO OFFICIAL ROW LAYOUT WAS FOUND FOR VERMONT ROUTE 9.
2. A THREE ROD RIGHT-OF-WAY WAS ASSUMED PER VERMONT 19 V.S.A. SECTION 32 AND PLAN REFERENCE 3.
3. THE ROW LOCATION WAS SET UTILIZING DATA COLLECTED BY VHB IN DECEMBER OF 2016 AND PLAN REF. NO. 3.
4. SAID PLAN WAS USED TO SET THE LOCATION OF BEGIN (PC) AND END (PT) OF CURVES.
5. THE SURVEYED CENTERLINE LOCATION OF TRAVELED WAY WAS USED TO CONSTRUCT TANGENTS AND CURVE GEOMETRY OF THE ALIGNMENT.
6. THE 4"x4" CONCRETE BOUND, AT THE SOUTH EAST OF THE BOYD PARCEL, MATCHED REASONABLY WELL AND WAS HELD AT THE WESTERLY END OF THE PROJECT.
7. NO ATTEMPT WAS MADE TO IDENTIFY AND / OR LOCATE ANY EASEMENTS EXCEPT PUBLIC ROAD RIGHTS-OF-WAY AS SHOWN.
8. PARCEL LINES SHOWN ARE BASED SOLELY ON VCGI TAX PARCEL INFORMATION WITH THE ASSISTANCE OF THE TOWN OF WILMINGTON ONLINE TAX MAP.

## PLAN REFERENCES

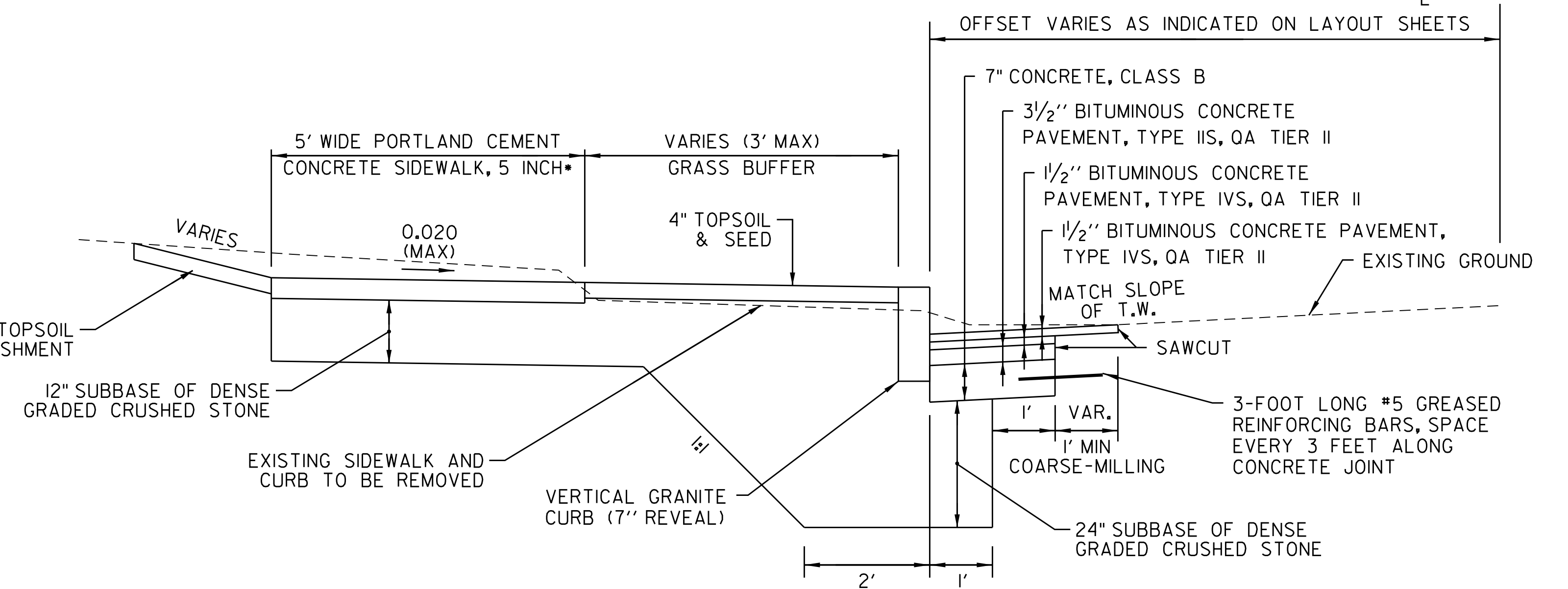
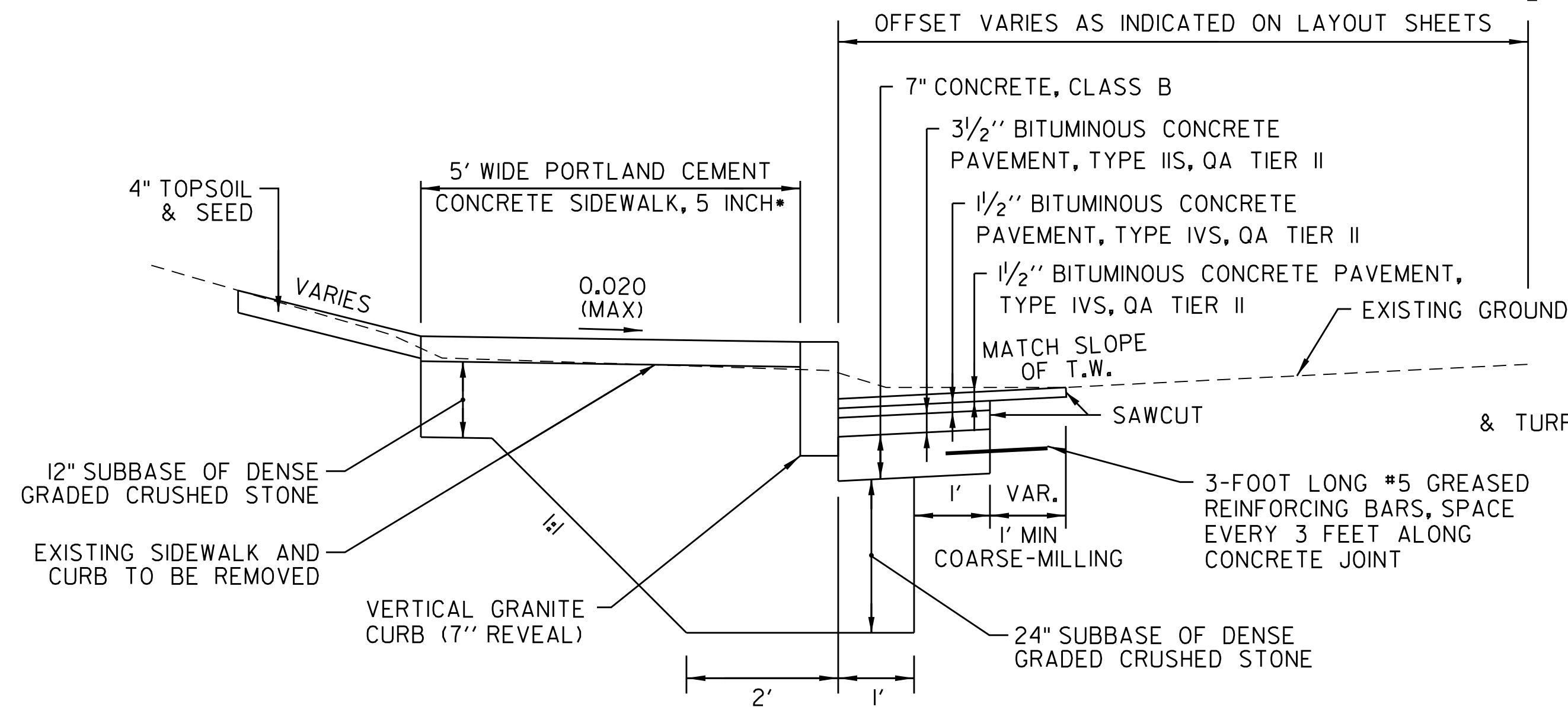
1. "CONTRACT NO. 2 WASTEWATER COLLECTION SYSTEM WILMINGTON, VERMONT: "EAST & WEST MAIN STREET" PREPARED BY EBERHARD ENGINEERING, P.C. DATED JULY 1985. JOB NO. 8-3-2
2. "WILMINGTON WATER DISTRICT: DISTRIBUTION MAIN PLAN AND PROFILE" PREPARED BY HARRINGTON ENGINEERING, INC. LAST REVISED OCTOBER 30TH, 1996. PROJECT NO. 1224
3. VTRANS RIGHT OF WAY PLAN VERMONT ROUTE 9 "WILMINGTON VILLAGE MAIN STREET" PIN# 99R799, DATED DECEMBER 11TH, 1933

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923.Notes.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	B.M. ROBERTS
GENERAL NOTES SHEET	
PLOT DATE:	10/6/2025
DRAWN BY:	B.M. ROBERTS
CHECKED BY:	E.P. DETRICK
SHEET	4 OF 40



⊥ EAST MAIN ST.

⊥ EAST MAIN ST.



**CURB AND SIDEWALK ADJACENT TO ROAD**

**CURB AND SIDEWALK WITH GREEN STRIP**

N.T.S.

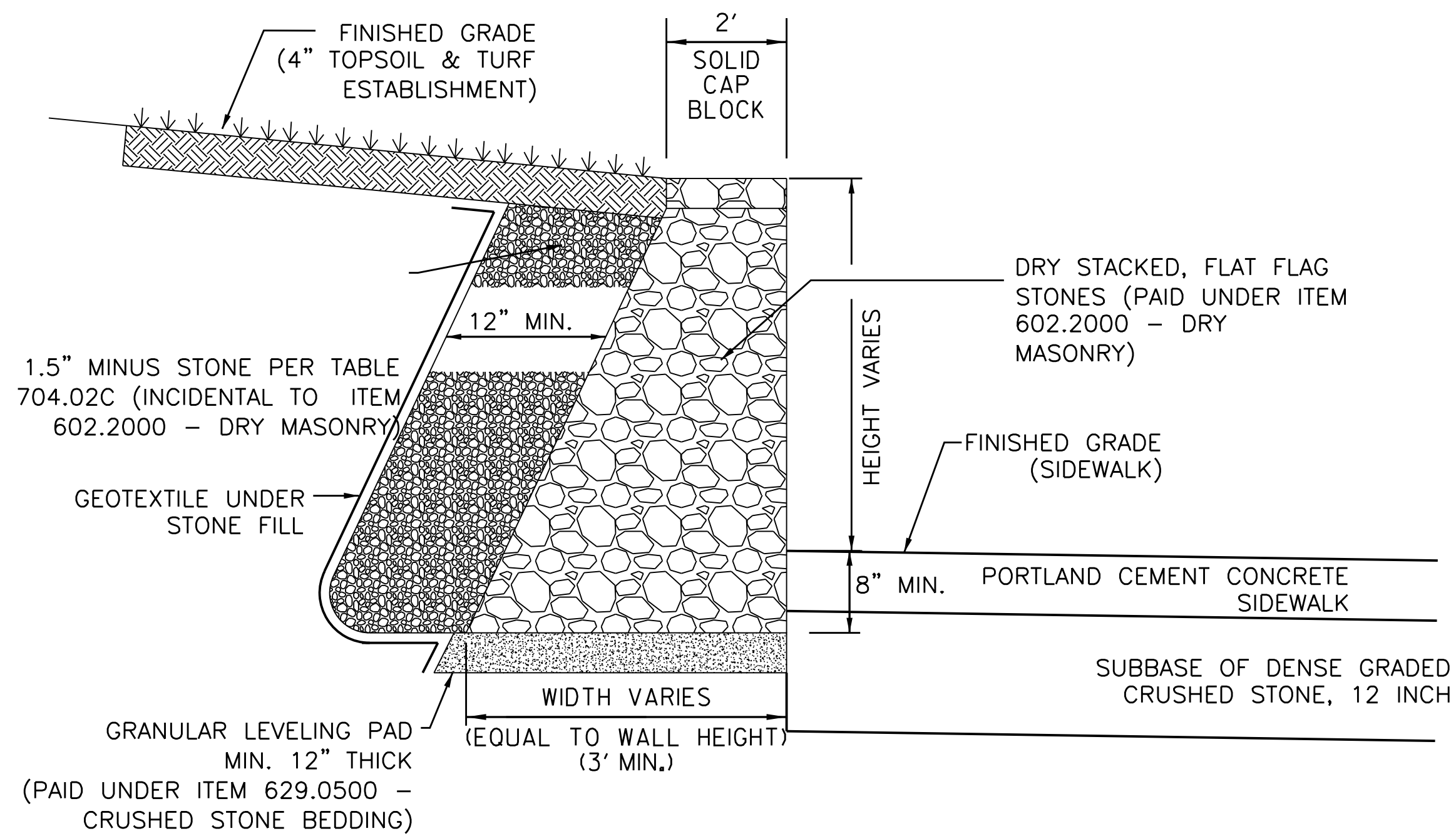
N.T.S.

- STA. 1+30 - 11+18, LT
- STA. 6+30 - 6+77, RT
- STA. 7+50 - 7+68, RT
- STA. 13+65 - 13+93, RT
- STA. 13+86 - 14+14, LT

- STA. 11+18 - 13+86, LT

*PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH SHALL BE USED AT DRIVES

*PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH SHALL BE USED AT DRIVES



**DRY STACKED STONE RETAINING WALL**

N.T.S.

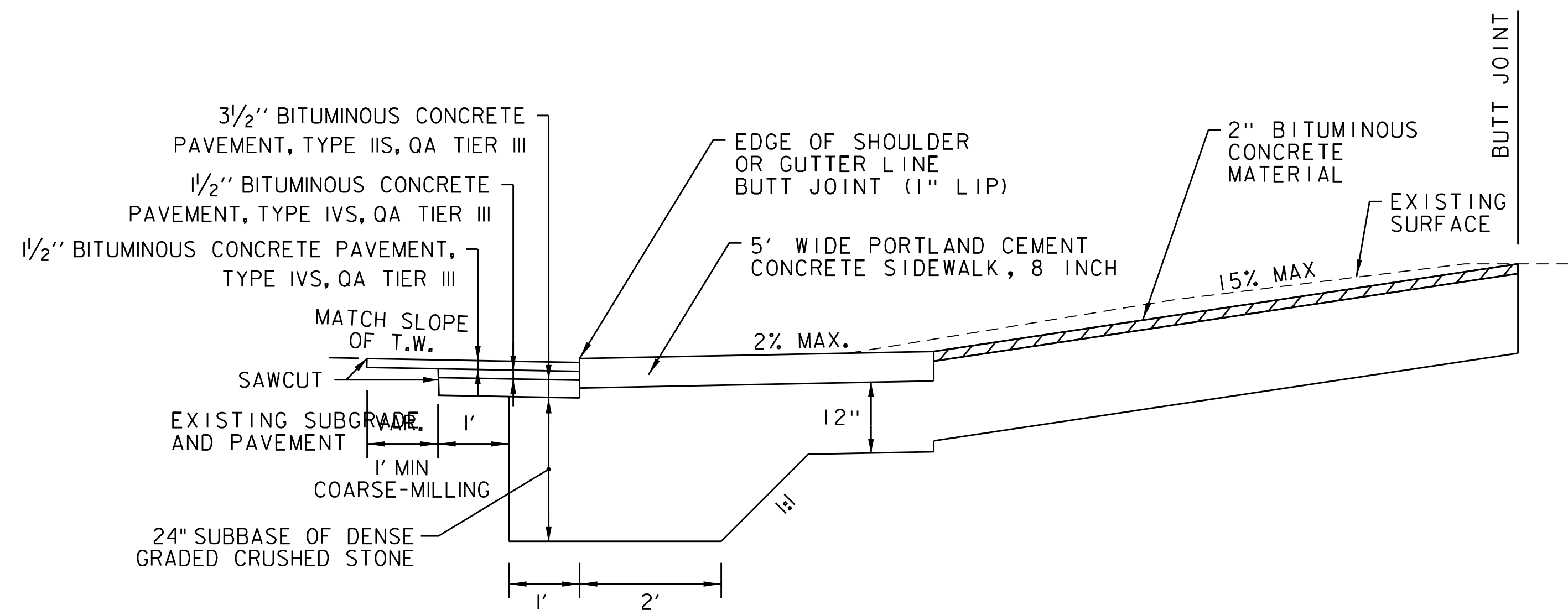
- STA. 1+30 - 3+37, LT (RETAINING WALL 1)
- STA. 9+29 - 10+92, LT (RETAINING WALL 2)

**NOTES:**

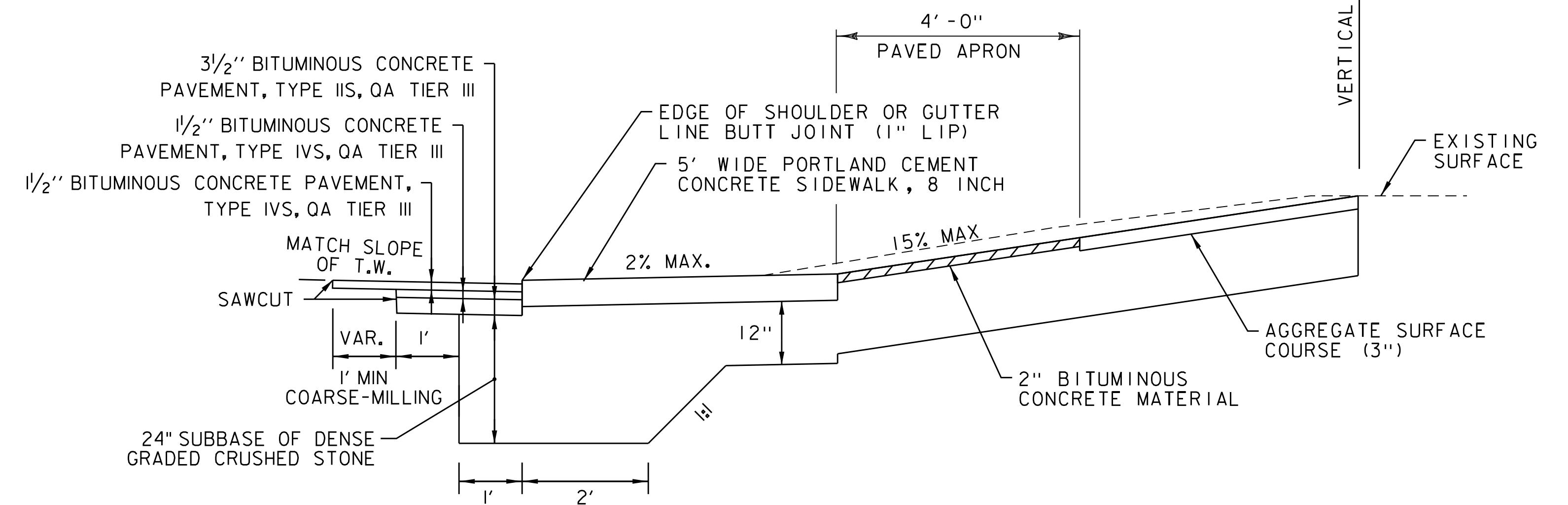
1. EXCAVATION FOR RETAINING WALLS SHALL BE PAID FOR UNDER ITEM 203.1500 COMMON EXCAVATION.
2. SEE RETAINING WALL PLAN SHEETS FOR MORE INFORMATION.

PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923+yp.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
DETAIL SHEET (1 OF 3)	SHEET 5 OF 40

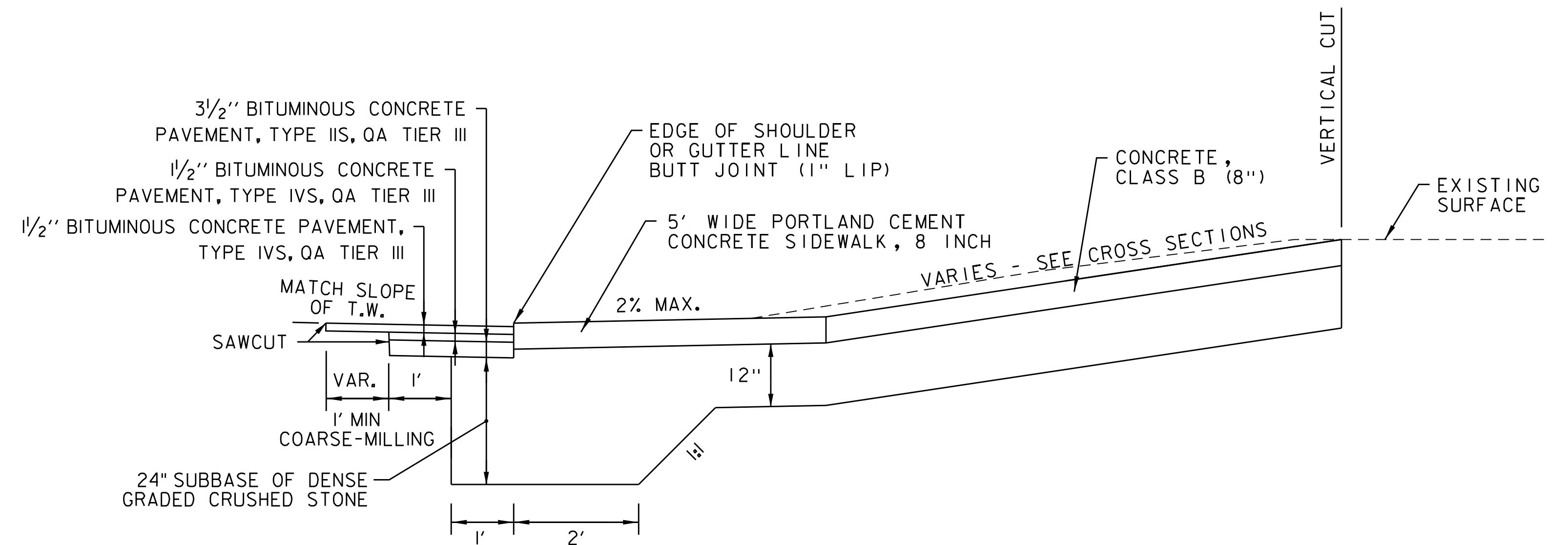




HANDWORK DETAILS FOR PAVED DRIVES  
NOT TO SCALE



HANDWORK DETAILS FOR GRAVEL DRIVES  
NOT TO SCALE

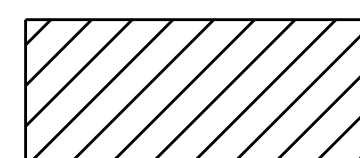


HANDWORK DETAILS FOR CONCRETE DRIVES  
NOT TO SCALE

NOTES

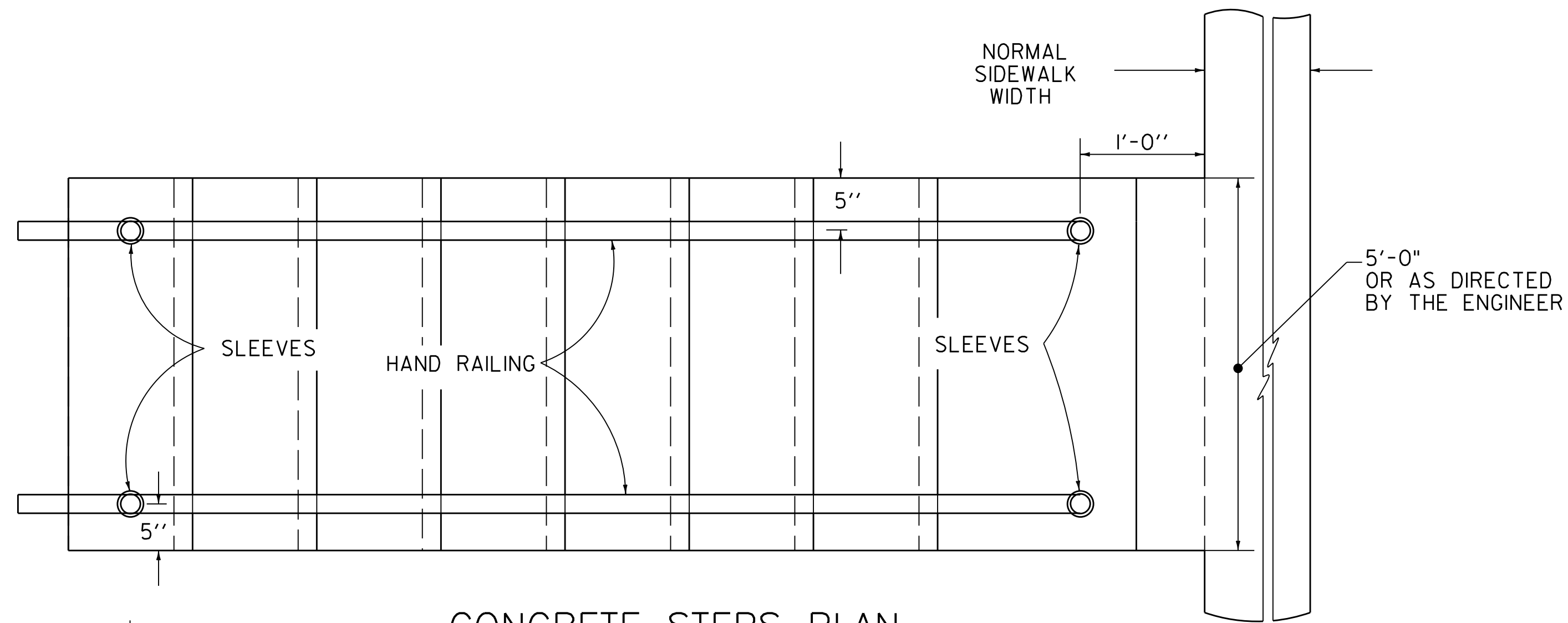
1. PAVING LIFT NOT TO EXCEED TWO INCHES.
2. EXCAVATION OR FILL NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL BE PAID DIRECTLY UNDER THE APPROPRIATE PAY ITEMS.
3. WHEN GRADING DRIVES WHICH REQUIRE STEEP GRADES THE FOLLOWING RULE OF THUMB SHOULD BE USED. DO NOT EXCEED A GRADE % CHANGE OF MORE THAN 9% IN A 6' INCREMENT OF DRIVEWAY LENGTH.
4. DRIVES TO BE CONSTRUCTED PER VTRANS STANDARDS B-71a, B-71b, AND C-2A. SEE PLANS FOR MORE INFORMATION.
5. SAWCUTTING FOR DRIVES SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE DRIVE.
6. PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH SHALL BE USED AT ALL DRIVES.

LEGEND

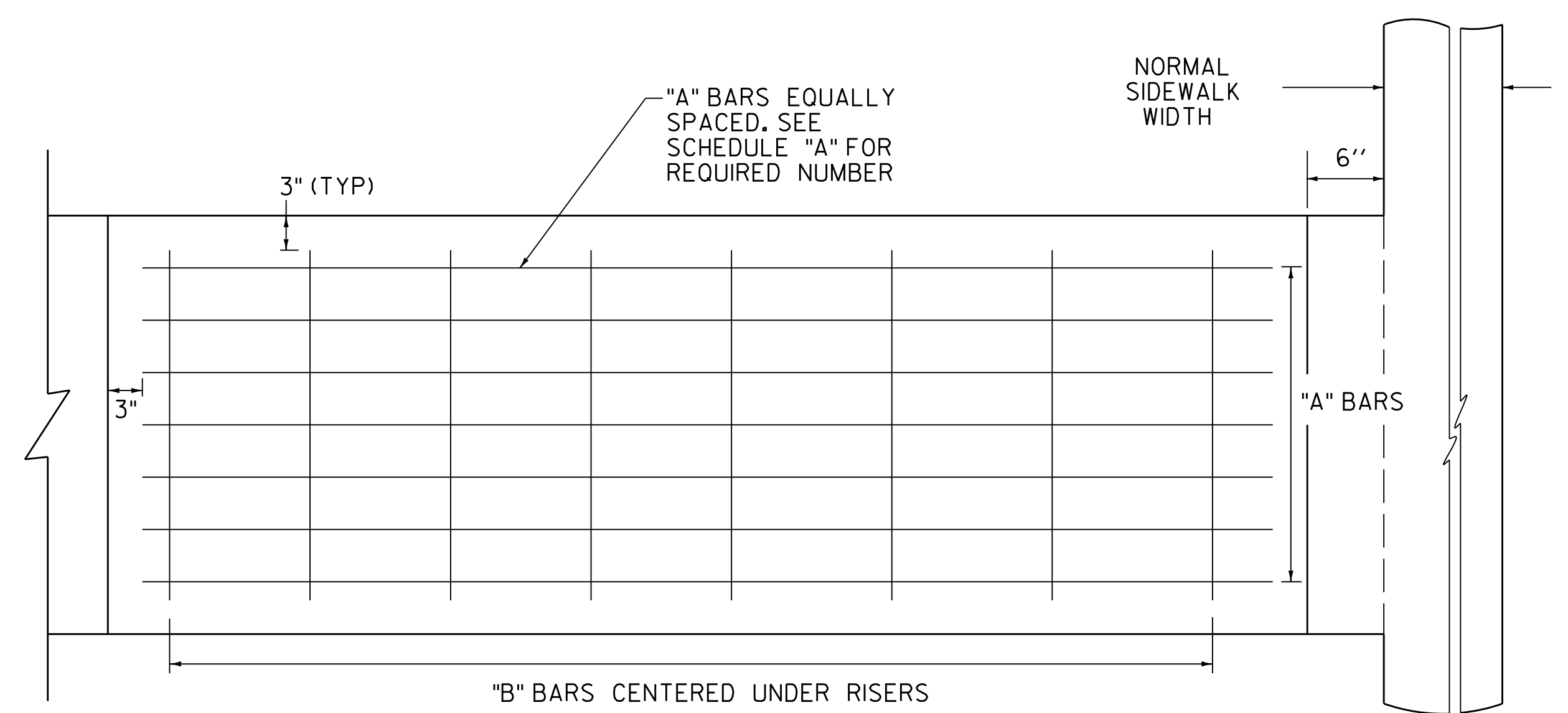


ITEM 406.3400, BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS

PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923+yp.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
DETAIL SHEET (2 OF 3)	SHEET 6 OF 40



**CONCRETE STEPS PLAN**  
N.T.S.



**REINFORCING PLAN**  
N.T.S.

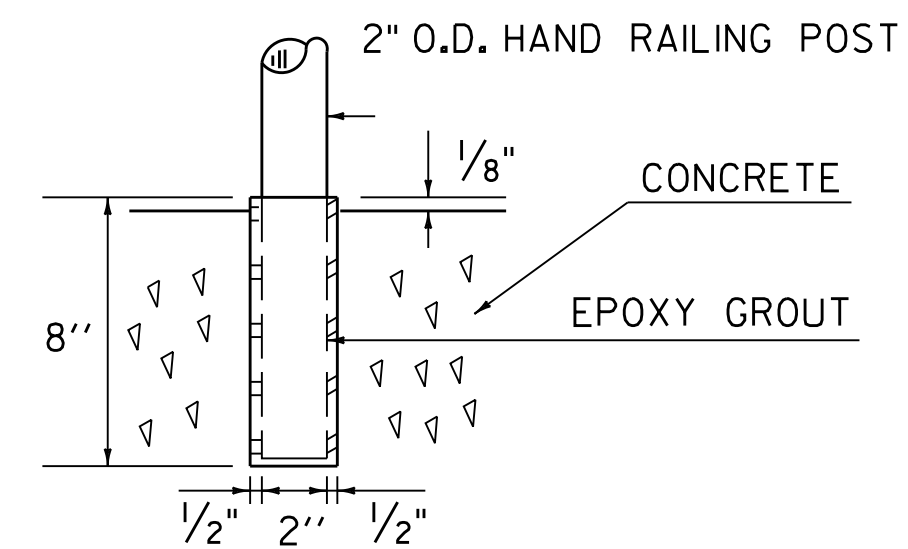
SCHEDULE "A" REINFORCING STEEL

STAIRWAY WIDTHS	NUMBER OF "A" BARS REQUIRED								
	T = 1-5	T=6	T=7	T=8	T=9	T=10	T=11	T=12	T = 12-18
3'	NO STEEL REQUIRED	4	5	5	6	6	7	7	8
4'	NO STEEL REQUIRED	5	6	7	7	8	8	9	10
5'	NO STEEL REQUIRED	6	7	8	9	9	10	11	12

T = THE NUMBER OF TREADS EXCLUDING THE LANDING

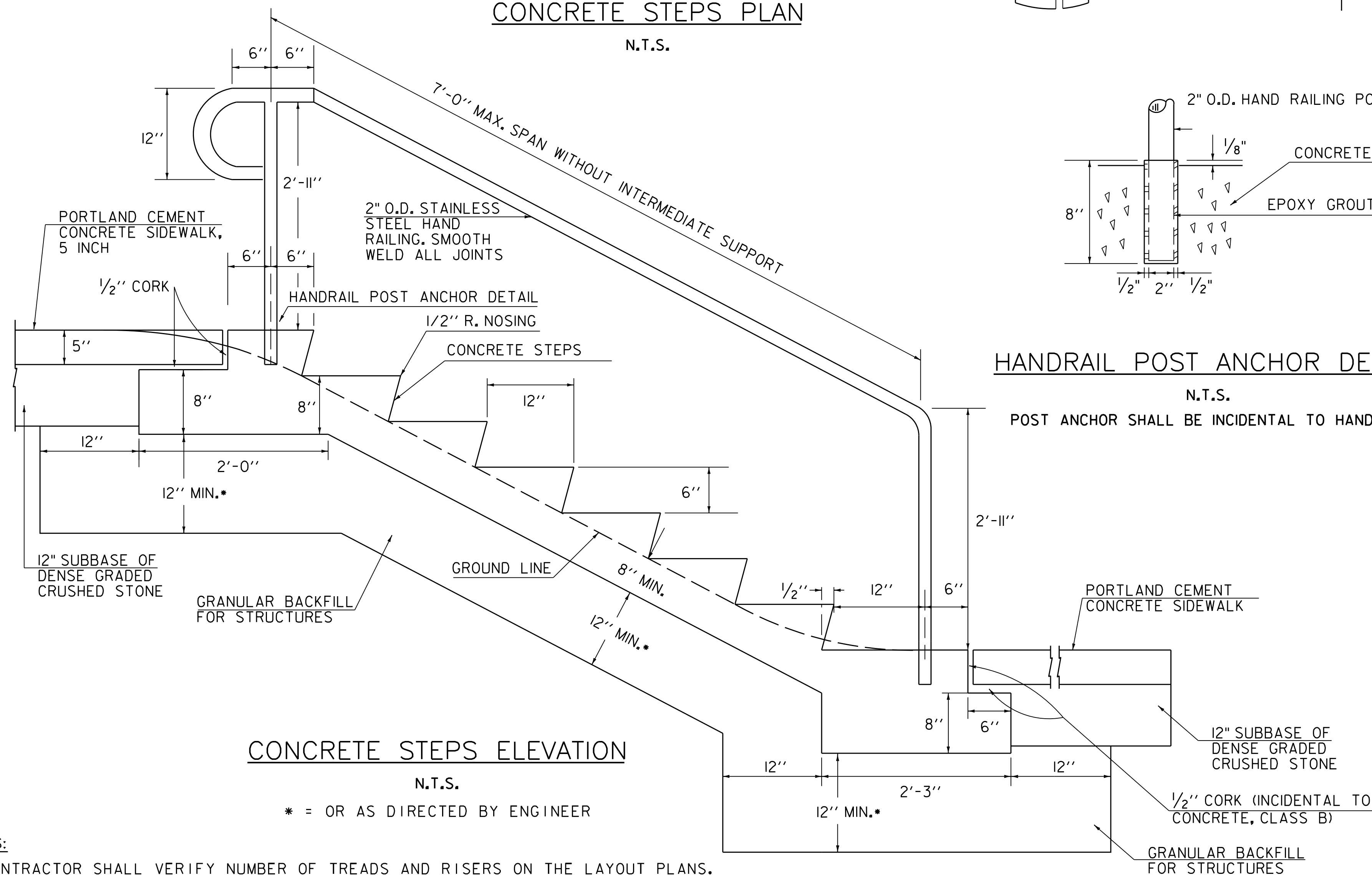
THE NUMBER OF "B" BARS IS EQUAL TO THE NUMBER OF RISERS PLUS TWO BARS.

FOR OTHER WIDTHS THE APPROXIMATE SPACING OF "A" BARS IN INCHES WILL BE EQUAL TO  $80 \div T$  WITH A MINIMUM SPACING OF 6 INCHES



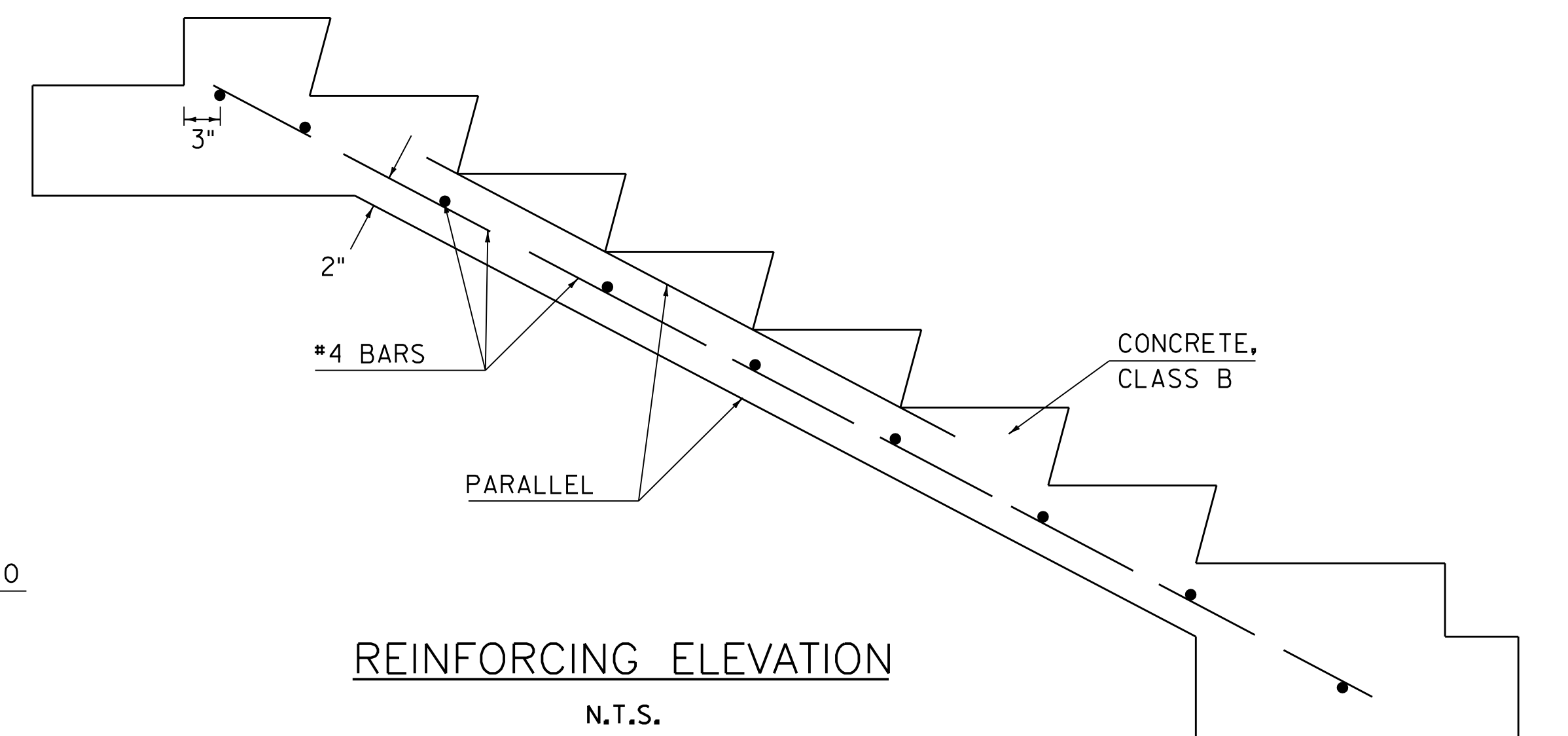
**HANDRAIL POST ANCHOR DETAIL**  
N.T.S.

POST ANCHOR SHALL BE INCIDENTAL TO HANDRAIL



**CONCRETE STEPS ELEVATION**  
N.T.S.

* = OR AS DIRECTED BY ENGINEER



**REINFORCING ELEVATION**  
N.T.S.

**NOTES:**

1. CONTRACTOR SHALL VERIFY NUMBER OF TREADS AND RISERS ON THE LAYOUT PLANS.
2. ALL WELDED JOINTS SHALL BE FINISHED BY GRINDING OR FILING TO GIVE A NEAT APPEARANCE.
3. RAIL AND POSTS TO BE STAINLESS STEEL. TWO RAILINGS ARE REQUIRED FOR ALL STEPS.
4. ALL COSTS ASSOCIATED WITH FABRICATION AND INSTALLATION OF RAILINGS SHALL BE PAID FOR UNDER ITEM 620.9000 HAND RAILING.
5. EXCAVATION FOR STAIRS SHALL BE PAID FOR UNDER ITEM 203.1500, COMMON EXCAVATION.
6. CONCRETE SHALL BE CLASS B, AND MEET THE REQUIREMENTS OF SECTION 541 FOR CLASS B CONCRETE. PAYMENT FOR CONCRETE SHALL BE PAID FOR UNDER ITEM 541.2200 CONCRETE, CLASS B.
7. ALL REINFORCING IN THE STAIRS SHALL BE UNCOATED NO. 4 BARS AND SHALL MEET THE REQUIREMENTS OF SECTION 507 FOR LEVEL 1 REINFORCING. CLEAR COVER SHALL BE 3" UNLESS OTHERWISE NOTED. PAYMENT FOR REINFORCING SHALL BE PAID FOR UNDER ITEM 507.1100, REINFORCING STEEL, LEVEL 1.



PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923+yp.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	C.K. FORD
DETAIL SHEET (3 OF 3)	
PLOT DATE:	10/6/2025
DRAWN BY:	C.K. FORD
CHECKED BY:	E.P. DETRICK
SHEET	7 OF 40

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES					
										1011 - ROADWAY	1012 - ROADWAY (NO FEDERAL)	1051 - EROSION CONTROL	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
										1			1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.1000	-			
										700			700		CY	COMMON EXCAVATION	203.1500	17			
										115			115		CY	SOLID ROCK EXCAVATION	203.1600	5			
										25	100		125		CY	EARTH BORROW	203.3000	-			
											230		230		CY	SAND BORROW	203.3100	4			
											90		90		CY	GRANULAR BORROW	203.3200	8.9			
											970		970		CY	TRENCH EXCAVATION OF EARTH	204.2000	4			
											50		50		CY	TRENCH EXCAVATION OF ROCK	204.2100	3.2			
											10		10		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.2200	EST.			
										255			255		CY	STRUCTURE EXCAVATION	204.2500	2			
										200			200		CY	GRANULAR BACKFILL FOR STRUCTURES	204.3000	0.6			
										150			150		SY	COARSE-MILLING, BITUMINOUS PAVEMENT	210.1000	2.2			
										700	100		800		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.3500	14.4			
										15			15		CY	AGGREGATE SURFACE COURSE	401.1000	4.3			
										2	0.8		2.8		CWT	TACK COAT, EMULSIFIED ASPHALT	404.1100	0.2			
										60	30		90		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER II	406.0220	1.8			
										65	20		85		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER II	406.0420	2.7			
										170	25		195		SY	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	406.3400	6.8			
										1410	100		1510		LB	REINFORCING STEEL, LEVEL I	507.1100	1.2			
											0.25		0.25		MFBM	STRUCTURAL LUMBER AND TIMBER, TREATED	522.2500	0.03			
										0.1			0.1		MFBM	NONSTRUCTURAL LUMBER, TREATED	522.3500	0.02			
										60	5		65		CY	CONCRETE, CLASS B	541.2200	5.7			
											75		75		CY	FLOWABLE FILL, EXCAVATABLE	541.4600	EST.			
										145			145		CY	DRY MASONRY	602.2000	4			
											2		2		CY	REBUILT STONE MASONRY	602.3500	0.06			
											6		6		EACH	SANITARY SEWER MANHOLE	604.2200	-			
										6			6		EACH	REHABILITATING DIS, CATCH BASINS, OR MANHOLES, CLASS I	604.4101	-			
										1125			1125		LF	VERTICAL GRANITE CURB	616.2100	5			
											100		100		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.2702	-			
										1120	100		1220		LF	REMOVAL OF EXISTING CURB	616.4100	11			
											1		1		EACH	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	617.1100	-			
										550	30		580		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.1005	16.3			
										125			125		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.1008	4.7			
										58	10		68		SF	DETECTABLE WARNING SURFACE	618.3000	-			
										2			2		EACH	REMOVING AND RESETTING PROPERTY MARKERS	619.2000	-			
										75			75		LF	REMOVING AND RESETTING FENCE	620.5000	1			
										65			65		LF	HAND RAILING	620.9000	-			
											40		40		LF	SLEEVES FOR UTILITIES, PVC, 10 INCH	625.2010	4.2			
											45		45		LF	SLEEVES FOR UTILITIES, PVC, 12 INCH	625.2012	2			
											245		245		LF	PVC SEWER PIPE, 4 INCH	628.1416	1			

PROJECT NAME: EAST MAIN STREET SIDEWALK	PLOT DATE: 1/8/2026
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	DRAWN BY: C.K.FORD
FILE NAME: 57923.qss.dgn	CHECKED BY: E.P.DETRICK
PROJECT LEADER: E.P.DETRICK	SHEET 8 OF 40
DESIGNED BY: C.K.FORD	QUANTITY SUMMARY SHEET (1 OF 2)



# QUANTITY SHEET 2

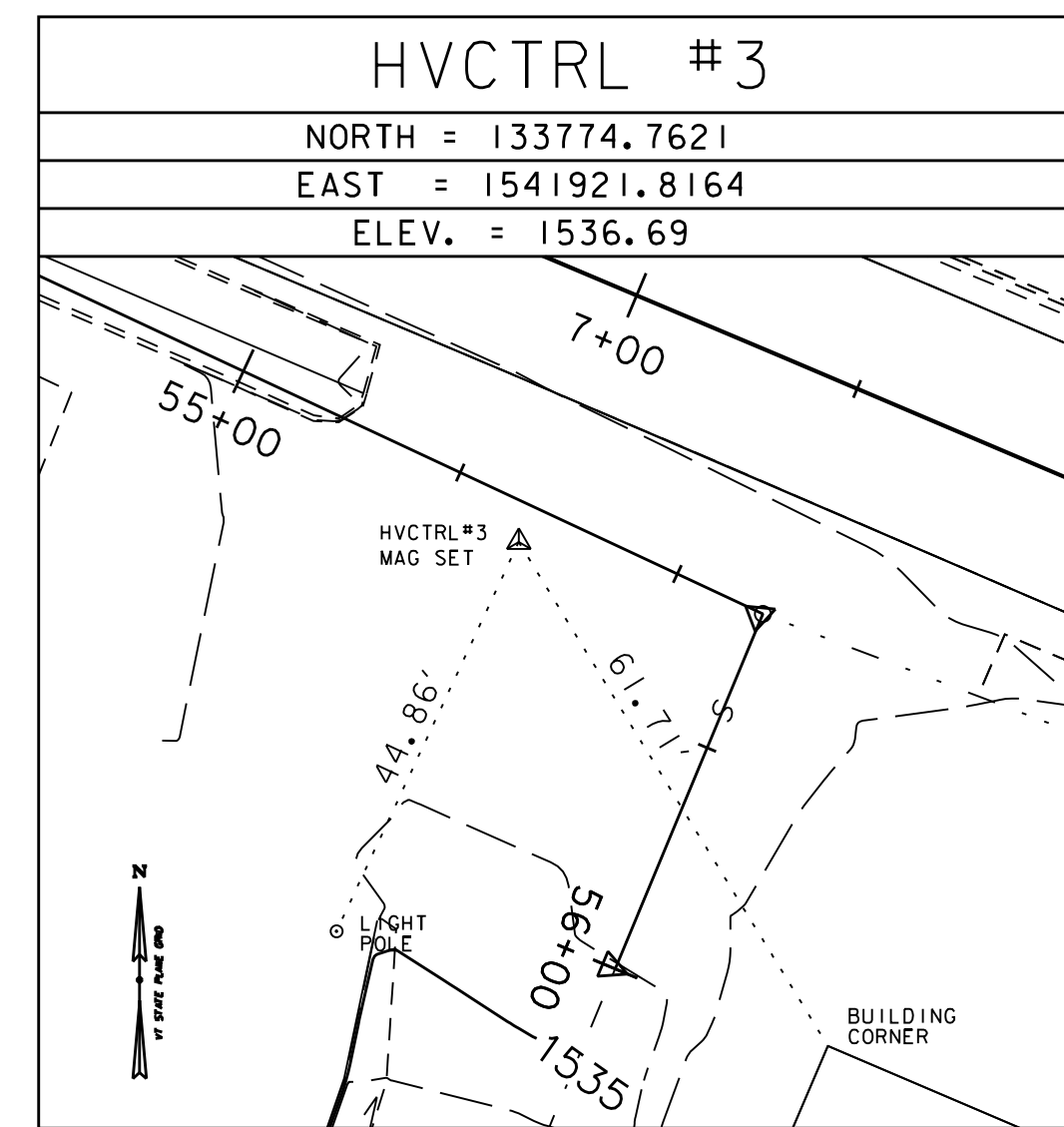
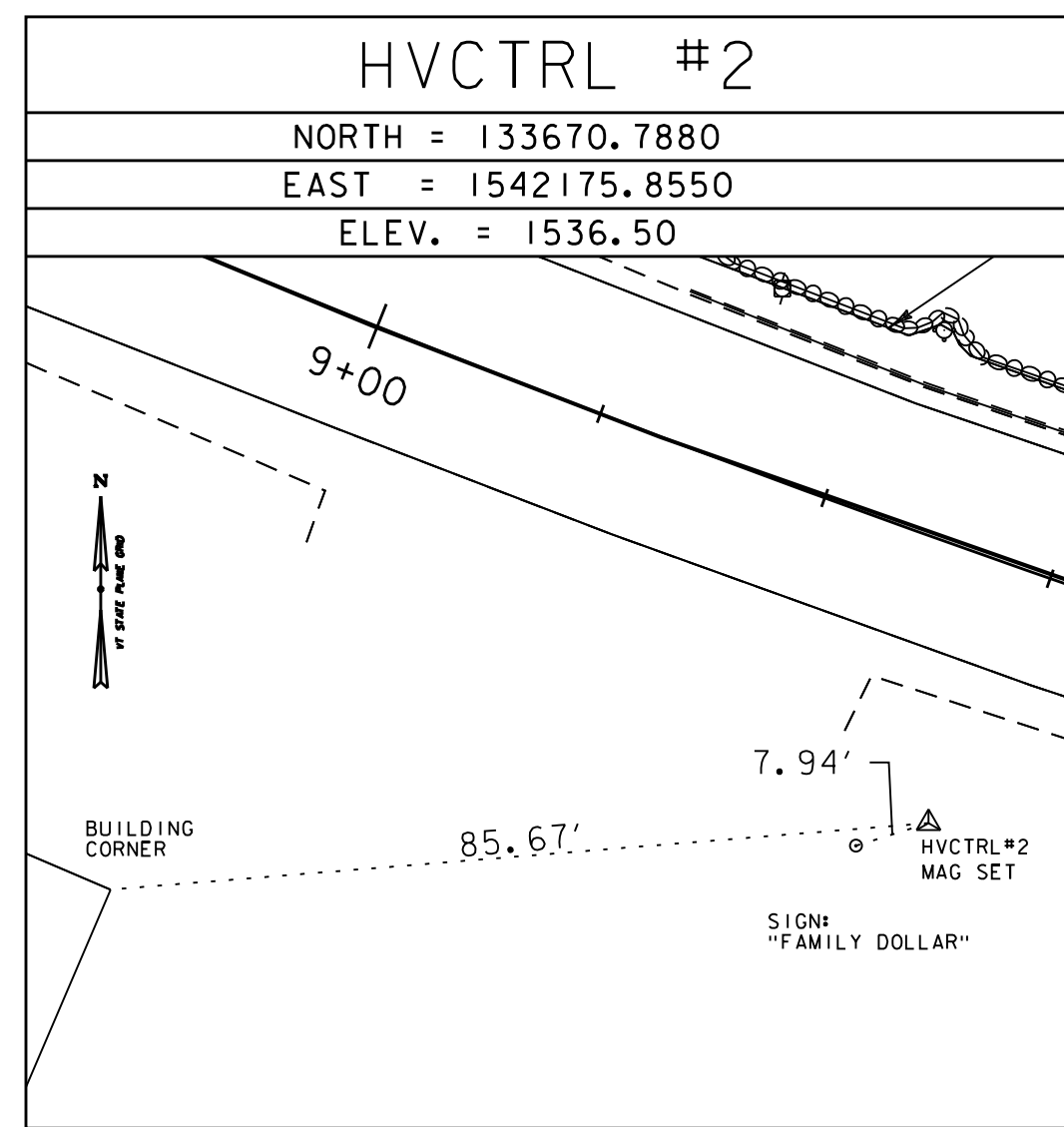
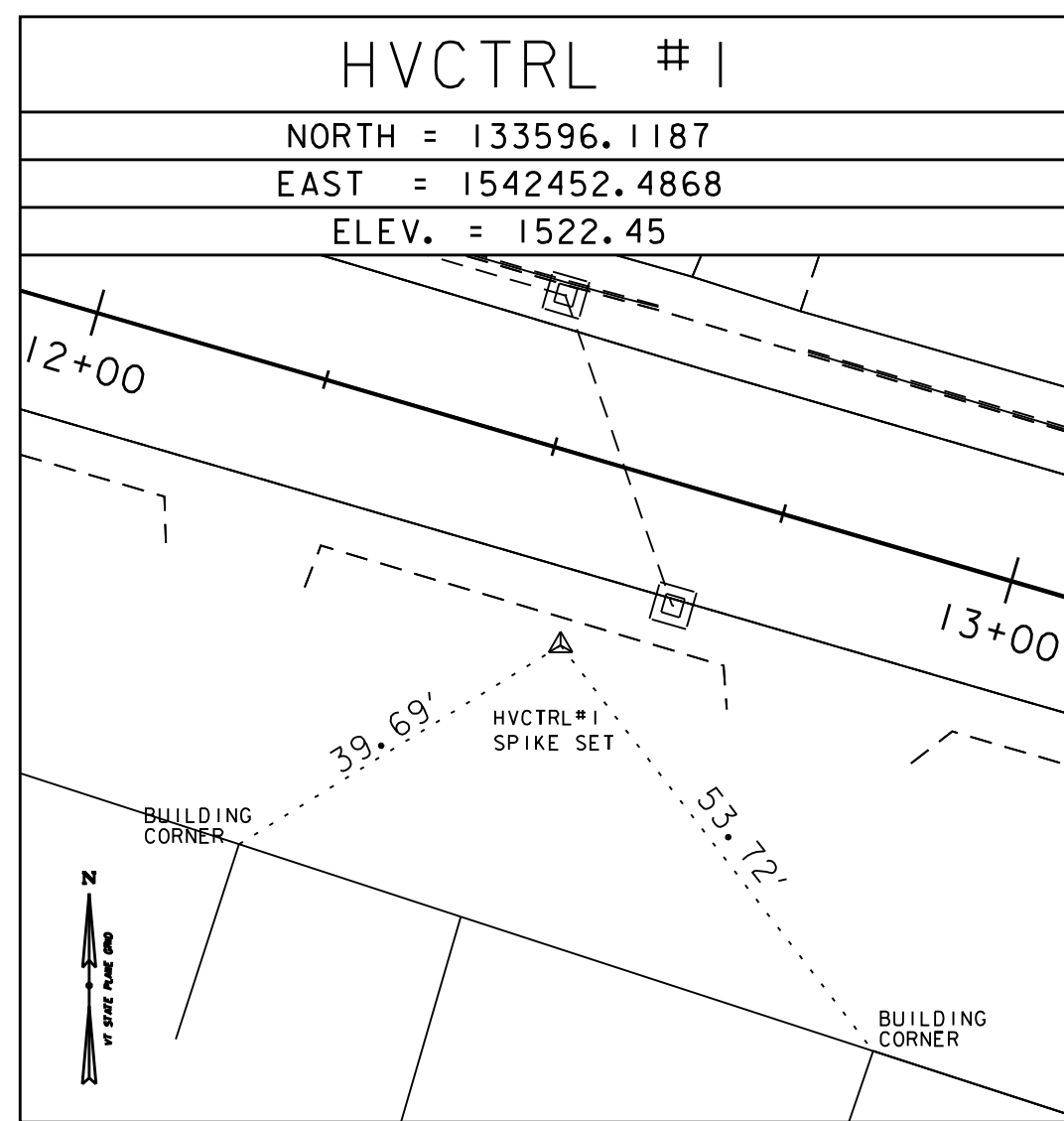
SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
								1011 - ROADWAY	1012 - ROADWAY (NO FEDERAL)	1051 - EROSION CONTROL	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
									590		590		LF	PVC SEWER PIPE, 8 INCH	628.1432	4			
									8		8		EACH	SEWER CLEANOUT	628.3000	-			
									1		1		LS	TRANSFER TO NEW SYSTEM, SANITARY SEWER, ALL-INCLUSIVE	628.4300	-			
								55			55		CY	CRUSHED STONE BEDDING	629.0500	0.8			
								5			5		LF	DUCTILE IRON WATER PIPE, CEMENT-LINED, ALL-INCLUSIVE, 6 IN.	629.1724	-			
								1			1		EACH	GATE VALVE WITH VALVE BOX, ALL-INCLUSIVE, 6 INCH	629.2524	-			
								3			3		EACH	ADJUST ELEVATION OF VALVE BOX	629.2800	-			
								1			1		EACH	HYDRANT, ALL-INCLUSIVE	629.3500	-			
								1			1		EACH	REMOVE HYDRANT	629.3800	-			
								50			50		HR	UNIFORMED TRAFFIC OFFICERS	630.1000	EST.			
								800			800		HR	FLAGGERS	630.1500	EST.			
								1			1		LS	MOBILIZATION/DEMOBILIZATION	635.1100	-			
								1			1		LS	TRAFFIC CONTROL, ALL-INCLUSIVE	641.1100	-			
								1			1		LS	MAINTENANCE OF PEDESTRIAN TRAFFIC	641.1200	-			
								1120			1120		LF	4 INCH WHITE LINE, WATERBORNE PAINT	646.2010	EST.			
									20		20		LF	4 INCH YELLOW LINE, WATERBORNE PAINT	646.2111	EST.			
								70			70		LF	CROSSWALK MARKING, WATERBORNE PAINT	646.3110	-			
										80	80		SY	GEOTEXTILE UNDER STONE FILL	649.3100	1.3			
									190	710	900		SY	TURF ESTABLISHMENT, GENERAL SEED	651.1500	16			
								80	5		85		CY	TOPSOIL	651.3500	4.2			
										1	1		LS	EPSC PLAN	653.0100	-			
										100	100		HR	MONITORING EPSC PLAN	653.0200	EST.			
										5000	5000		DL	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	653.0300	EST.			
									0.1	0.3	0.4		TON	HAY MULCH	653.1000	0.1			
										7	7		EACH	INLET PROTECTION DEVICE, TYPE II	653.4002	-			
										1325	1325		LF	PROJECT DEMARCATION FENCE	653.5500	-			
									50		50		EACH	PERENNIALS	656.4100	EST.			
									2		2		MGAL	LANDSCAPE WATERING	656.6500	EST.			
									10		10		CY	LANDSCAPE BACKFILL, TRUCK MEASUREMENT	656.8000	EST.			
										1	1		LS	TREE PROTECTION	656.8500	-			
								40			40		SF	TRAFFIC SIGN, FLAT SHEET ALUMINUM	675.2000	-			
								140			140		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.3410	-			
								9			9		EACH	SIGN REMOVAL, FLAT SHEET ALUMINUM	675.5000	-			
								6			6		EACH	RESETTING SIGNS	675.6000	-			
								1			1		DL	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	690.0300	-			

PROJECT NAME: EAST MAIN STREET SIDEWALK  
 PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)  
 FILE NAME: 57923.qss.dgn  
 PROJECT LEADER: E.P.DETRICK  
 DESIGNED BY: C.K.FORD  
 QUANTITY SUMMARY SHEET (1 OF 2)

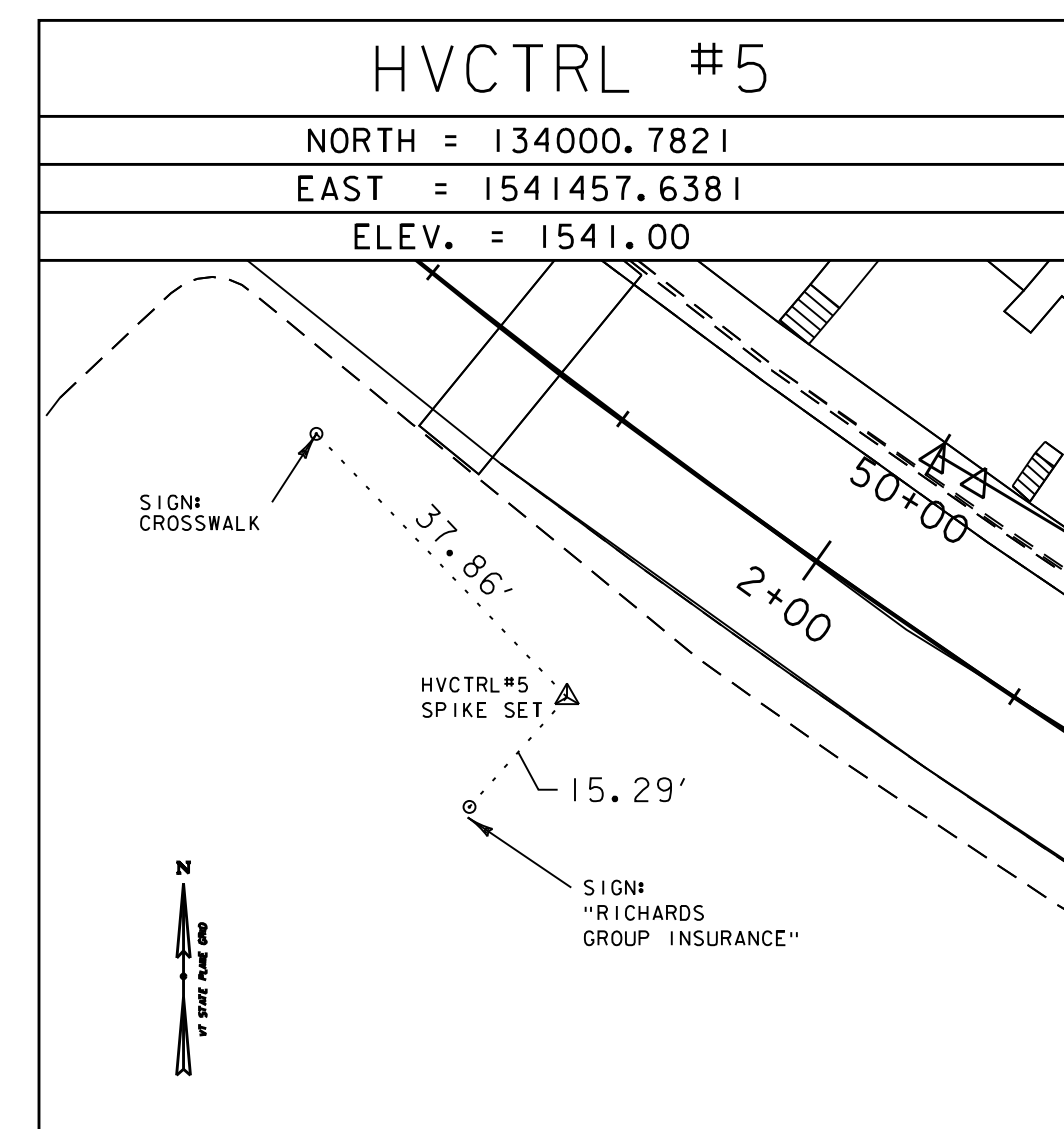
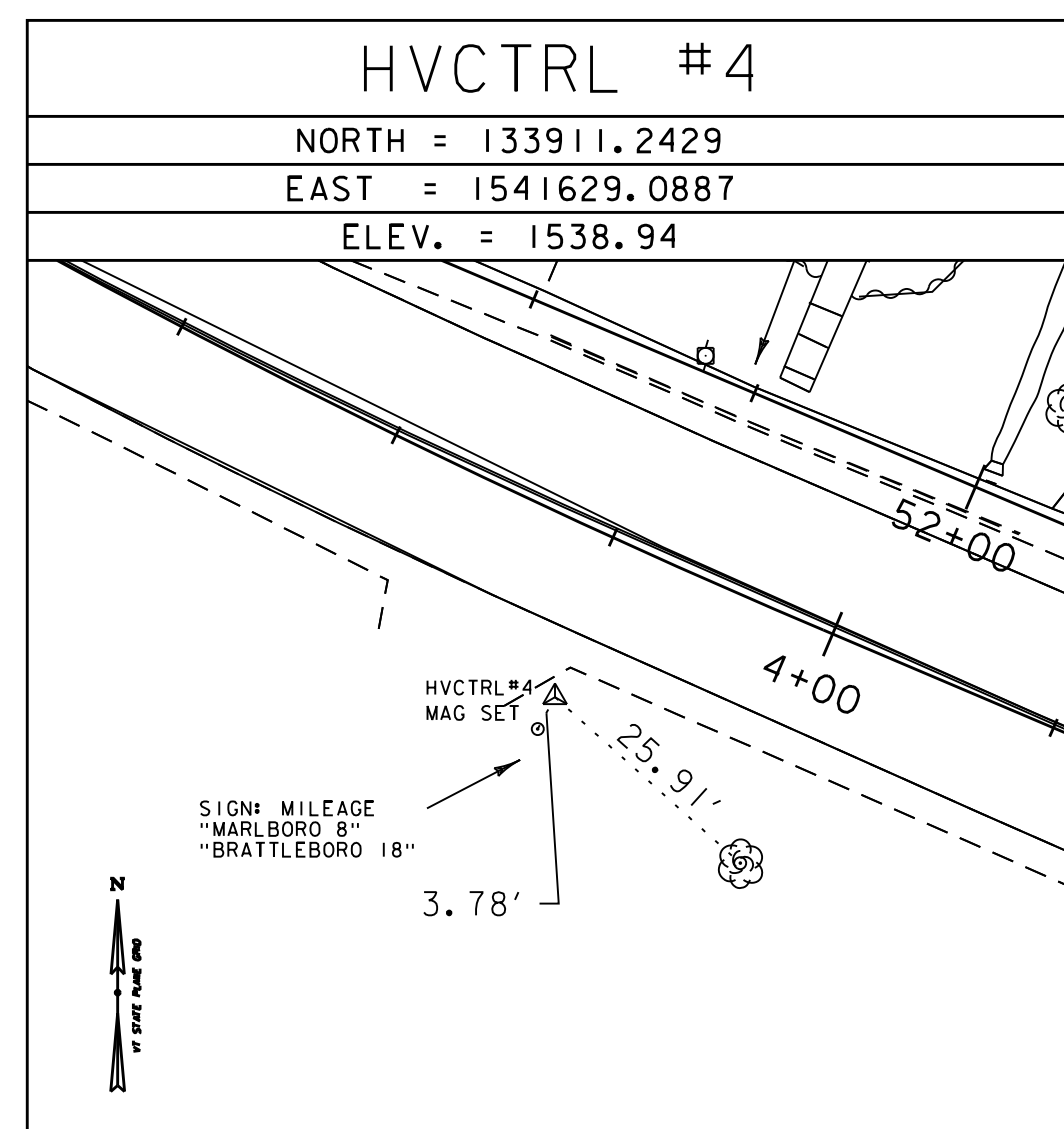
PLOT DATE: 1/8/2026  
 DRAWN BY: C.K.FORD  
 CHECKED BY: E.P.DETRICK  
 SHEET 9 OF 40



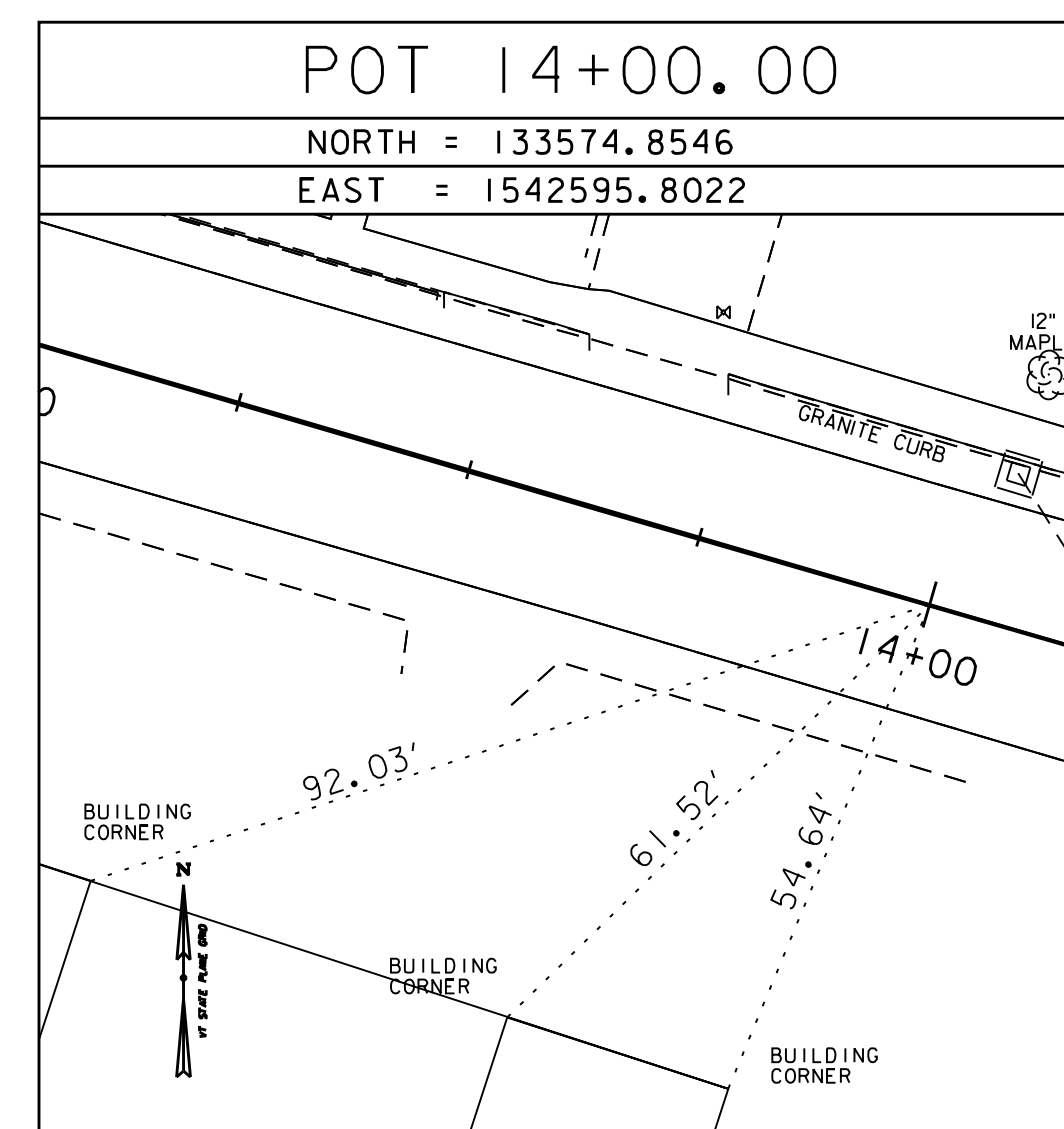
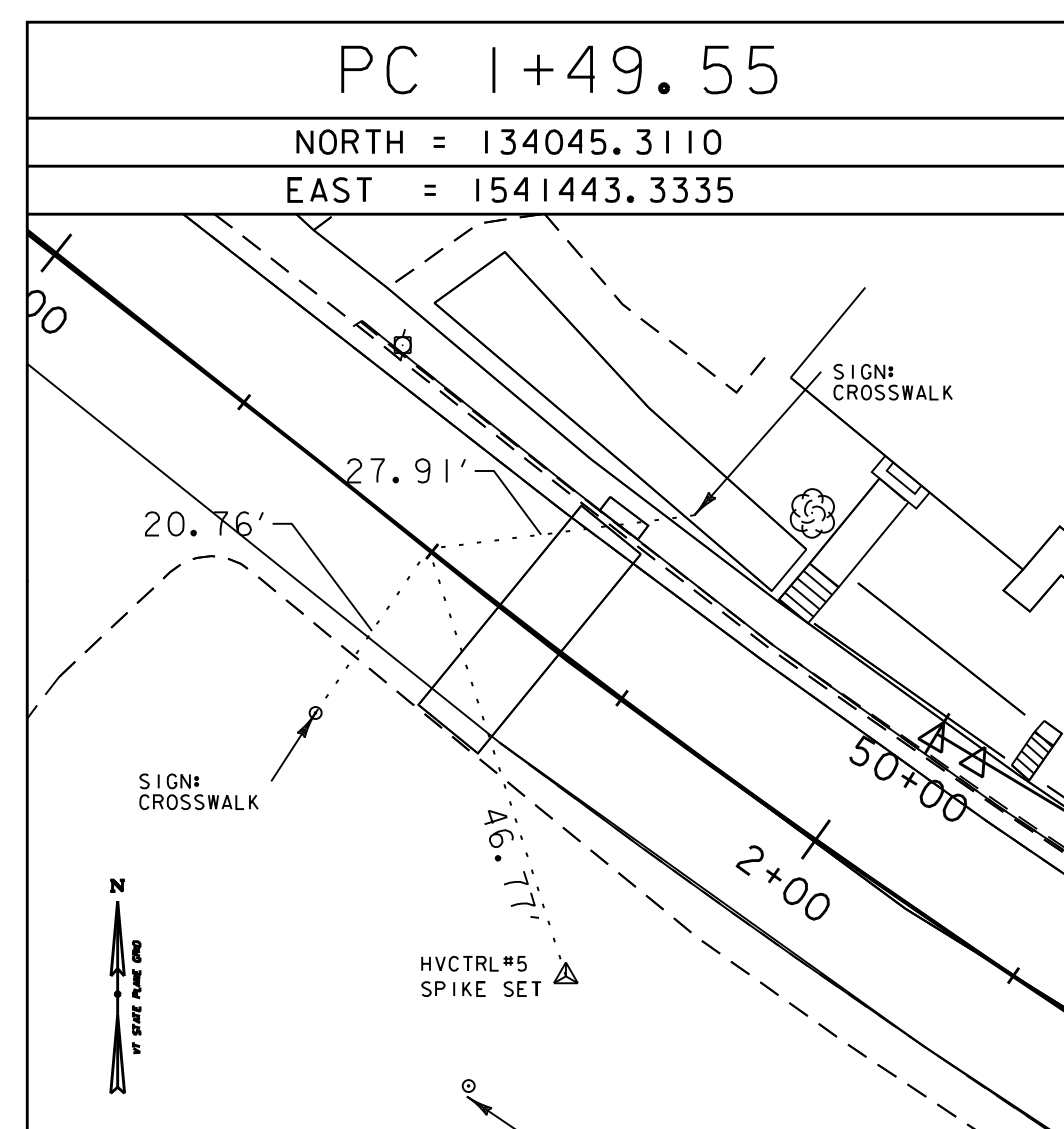
TRAVERSE TIES



TRAVERSE TIES



ALIGNMENT TIES



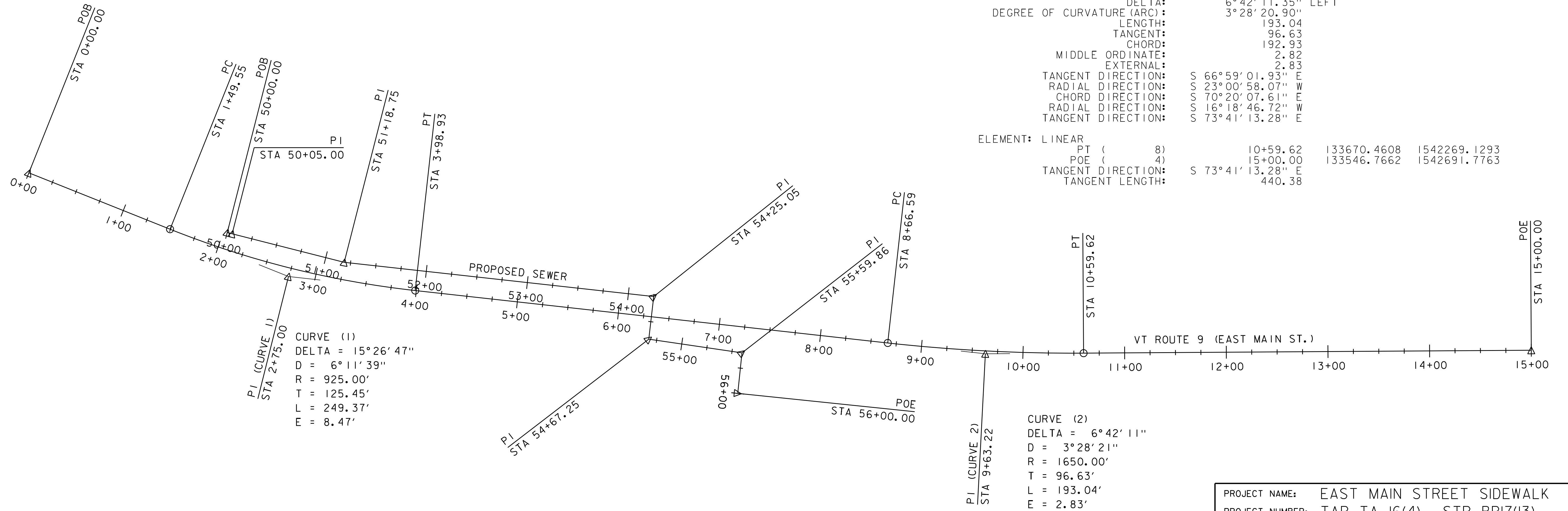
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	VT NAD 83 (2011)
ADJUSTMENT	



PROJECT NAME:	EAST MAIN STREET SIDEWALK	PLOT DATE:	10/6/2025
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)	DRAWN BY:	B.M. ROBERTS
FILE NAME:	57923+1.dgn	DESIGNED BY:	B.M. ROBERTS
PROJECT LEADER:	E.P. DETRICK	CHECKED BY:	J.F. VEAR
TIE SHEET		SHEET	10 OF 40

PROJECT NAME: 57923.00 DESCRIPTION: WILMINGTON SW HORIZONTAL ALIGNMENT NAME: PR_SEWER DESCRIPTION: STYLE: DEFAULT				
	STATION	NORTHING	EASTING	
ELEMENT: LINEAR				
POB ( 36)	50+00.00	134026.0205	1541496.2778	
PI ( 37)	50+05.00	134023.4464	1541500.5643	
TANGENT DIRECTION:	S 59°00' 53.11" E			
TANGENT LENGTH:	5.00			
ELEMENT: LINEAR				
PI ( 37)	50+05.00	134023.4464	1541500.5643	
PI ( 38)	51+18.75	133964.8875	1541598.0796	
TANGENT DIRECTION:	S 59°00' 53.11" E			
TANGENT LENGTH:	113.75			
ELEMENT: LINEAR				
PI ( 38)	51+18.75	133964.8875	1541598.0796	
PI ( 39)	54+25.05	133845.2228	1541880.0447	
TANGENT DIRECTION:	S 67°00' 13.84" E			
TANGENT LENGTH:	306.31			
ELEMENT: LINEAR				
PI ( 39)	54+25.05	133845.2228	1541880.0447	
PI ( 40)	54+67.25	133806.4503	1541863.3959	
TANGENT DIRECTION:	S 23°14' 19.14" W			
TANGENT LENGTH:	42.20			
ELEMENT: LINEAR				
PI ( 40)	54+67.25	133806.4503	1541863.3959	
PI ( 41)	55+59.86	133767.2575	1541947.3028	
TANGENT DIRECTION:	S 64°57' 46.11" E			
TANGENT LENGTH:	92.61			
ELEMENT: LINEAR				
PI ( 41)	55+59.86	133767.2575	1541947.3028	
POE ( 42)	56+00.00	133730.2020	1541931.8766	
TANGENT DIRECTION:	S 22°36' 06.87" W			
TANGENT LENGTH:	40.14			

PROJECT NAME: 57923.00 DESCRIPTION: WILMINGTON SW HORIZONTAL ALIGNMENT NAME: 57923.00 DESCRIPTION: WILMINGTON SW STYLE: ALIGNI				
	STATION	NORTHING	EASTING	
ELEMENT: LINEAR				
POB ( 1)	0+00.00	134138.3337	1541326.2310	
PC ( 2)	1+49.55	134045.3110	1541443.3335	
TANGENT DIRECTION:	S 51°32' 14.78" E			
TANGENT LENGTH:	149.55			
ELEMENT: CIRCULAR				
PC ( 2)	1+49.55	134045.3110	1541443.3335	
PI ( )	2+75.00	133967.2828	1541541.5600	
CC ( 5)		134769.5996	1542018.6864	
PT ( 6)	3+98.93	133918.2344	1541657.0204	
RADIUS:	925.00			
DELTA:	15°26' 47.15" LEFT			
DEGREE OF CURVATURE (ARC):	6°11' 38.90"			
LENGTH:	249.37			
TANGENT:	125.45			
CHORD:	248.62			
MIDDLE ORDINATE:	8.39			
EXTERNAL:	8.47			
TANGENT DIRECTION:	S 51°32' 14.78" E			
RADIAL DIRECTION:	S 38°27' 45.22" W			
CHORD DIRECTION:	S 59°15' 38.35" E			
RADIAL DIRECTION:	S 23°00' 58.07" W			
TANGENT DIRECTION:	S 66°59' 01.93" E			
ELEMENT: LINEAR				
PT ( 6)	3+98.93	133918.2344	1541657.0204	
PC ( 3)	8+66.59	133735.3831	1542087.4541	
TANGENT DIRECTION:	S 66°59' 01.93" E			
TANGENT LENGTH:	467.66			
ELEMENT: CIRCULAR				
PC ( 3)	8+66.59	133735.3831	1542087.4541	
PI ( )	9+63.22	133697.6022	1542176.3907	
CC ( 7)		135254.0346	1542732.5880	
PT ( 8)	10+59.62	133670.4608	1542269.1293	
RADIUS:	1650.00			
DELTA:	6°42' 11.35" LEFT			
DEGREE OF CURVATURE (ARC):	3°28' 20.90"			
LENGTH:	193.04			
TANGENT:	96.63			
CHORD:	192.93			
MIDDLE ORDINATE:	2.82			
EXTERNAL:	2.83			
TANGENT DIRECTION:	S 66°59' 01.93" E			
RADIAL DIRECTION:	S 23°00' 58.07" W			
CHORD DIRECTION:	S 70°20' 07.61" E			
RADIAL DIRECTION:	S 16°18' 46.72" W			
TANGENT DIRECTION:	S 73°41' 13.28" E			
ELEMENT: LINEAR				
PT ( 8)	10+59.62	133670.4608	1542269.1293	
POE ( 4)	15+00.00	133546.7662	1542691.7763	
TANGENT DIRECTION:	S 73°41' 13.28" E			
TANGENT LENGTH:	440.38			

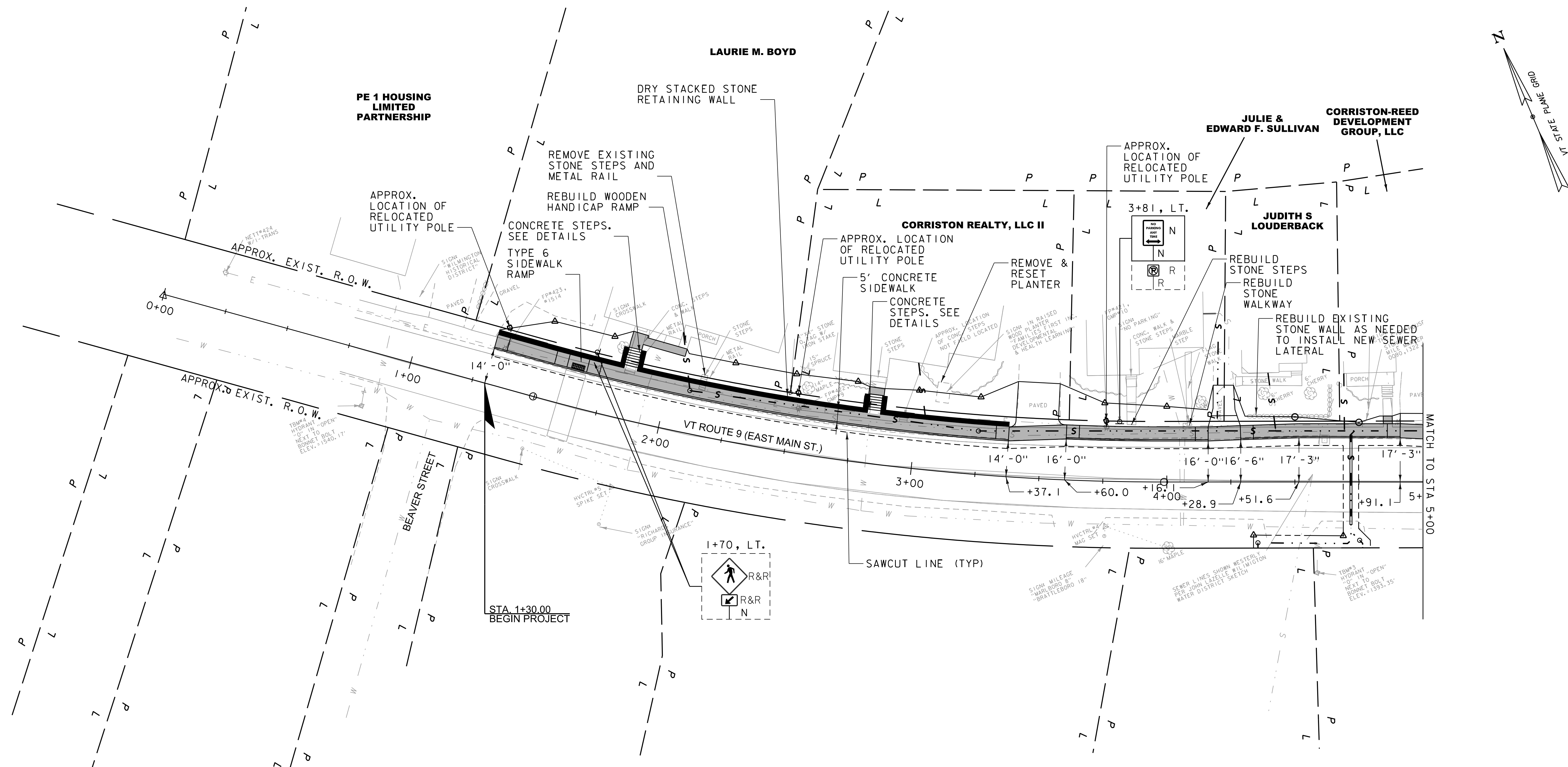


CURVE (1)  
 DELTA = 15°26' 47"  
 D = 6°11' 39"  
 R = 925.00'  
 T = 125.45'  
 L = 249.37'  
 E = 8.47'

CURVE (2)  
 DELTA = 6°42' 11"  
 D = 3°28' 21"  
 R = 1650.00'  
 T = 96.63'  
 L = 193.04'  
 E = 2.83'

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923_all_data.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	C.K. FORD
ALIGNMENT DATA SHEET	
PLOT DATE:	10/6/2025
DRAWN BY:	C.K. FORD
CHECKED BY:	E.P. DETRICK
SHEET	II OF 40





**PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**  
 STA 1+30 - STA 3+37, LT  
 STA 1+82 - STA 2+05, LT  
 STA 2+80 - STA 2+97, LT  
 STA 3+60 - STA 4+16, LT  
 STA 4+29 - STA 4+91, LT

**PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH**  
 STA 3+37 - STA 3+60, LT  
 STA 4+16 - STA 4+29, LT  
 STA 4+91 - STA 5+00, LT

**SIDEWALK RAMP TYPE 6, EX. 5 (SEE STD. C-3B)**  
 STA 1+64, LT

**DETECTABLE WARNING SURFACE**  
 STA 1+64, LT

**VERTICAL GRANITE CURB**  
 STA 1+30.0 - STA 3+37.1, LT  
 STA 3+60.1 - STA 4+16.1, LT  
 STA 4+28.9 - STA 4+91.1, LT

**PAVED DRIVE, TYPE 2 (SEE STD. C-2A)**  
 STA 3+49, LT 23' WIDE  
 STA 4+99, LT 16' WIDE

**GRAVEL DRIVE, TYPE 2 (SEE STD. C-2A)**  
 STA 4+22, LT 13' WIDE

**SOLID ROCK EXCAVATION (EXISTING SIDEWALK)**  
 STA 1+30 - STA 5+00, LT

**SIGN REMOVAL, FLAT SHEET ALUMINUM**  
 STA 1+70, LT (2)  
 STA 3+81, LT (1)

**RETAINING WALL**  
 STA 1+30 - STA 3+37, LT

**4 INCH WHITE LINE, WATERBORNE PAINT**  
 STA 1+30 - STA 5+00, LT

**REMOVING AND RESETTNG FENCE**  
 STA 4+30 - STA 4+62, LT

**REBUILD STONE WALL**  
 STA 4+31 - STA 4+64, LT

**REHABILITATING DIS. CATCH BASINS, OR MANHOLES, CLASS 1**  
 STA 4+61.6, LT

**RESETTNG SIGNS**  
 STA 1+70, LT (2)

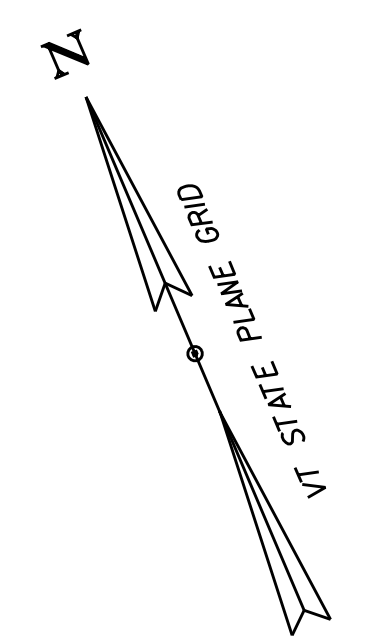
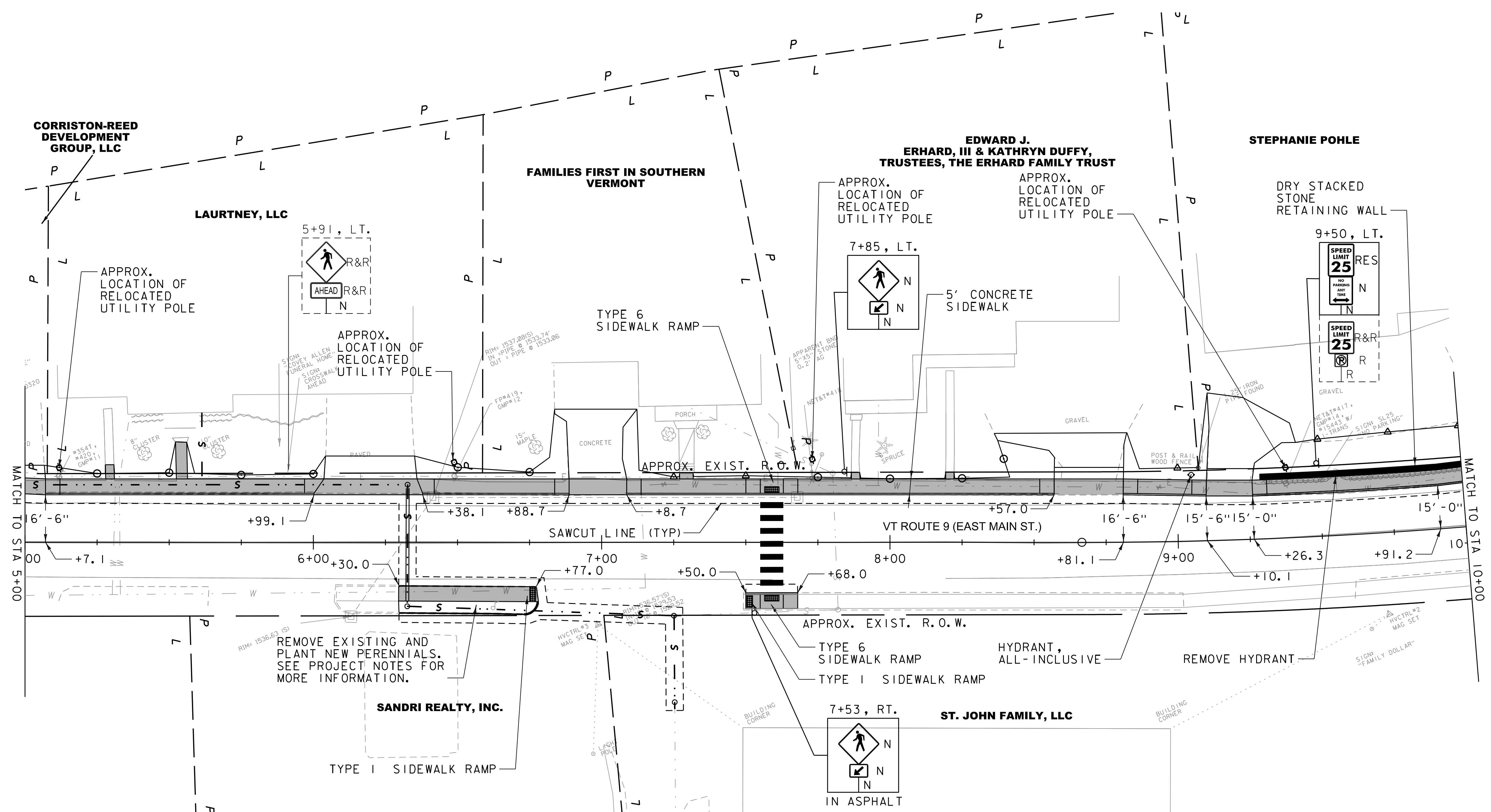


PROJECT NAME: EAST MAIN STREET SIDEWALK  
 PROJECT NUMBER: TAP TA 16(4) - STP BP17(I3)

FILE NAME: 57923bdr_nul.dgn  
 PROJECT LEADER: E.P. DETRICK  
 DESIGNED BY: C.K. FORD  
 LAYOUT PLAN (SHEET 1 OF 3)

PLOT DATE: 10/6/2025  
 DRAWN BY: C.K. FORD  
 CHECKED BY: E.P. DETRICK  
 SHEET 12 OF 40





- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- STA 5+07 - STA 5+99, LT
- STA 6+38 - STA 6+89, LT
- STA 7+09 - STA 8+57, LT
- STA 8+81 - STA 9+10, LT
- STA 9+26 - STA 10+00, LT
- STA 6+30 - STA 6+78, RT
- STA 7+50 - STA 7+68, RT
  
- PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
- STA 5+00 - STA 5+07, LT
- STA 5+99 - STA 6+38, LT
- STA 6+89 - STA 7+09, LT
- STA 8+57 - STA 8+81, LT
- STA 9+10 - STA 9+26, LT
  
- VERTICAL GRANITE CURB
- STA 5+07.1 - STA 6+00.2, LT
- STA 6+37.9 - STA 6+88.7, LT
- STA 7+08.7 - STA 8+57.0, LT
- STA 7+50.0 - STA 7+68.0, RT
- STA 8+81.1 - STA 9+10.1, LT
- STA 9+26.4 - STA 10+00.0, LT

- DETECTABLE WARNING SURFACE
- STA 6+76, RT
- STA 7+59, LT
- STA 7+59, RT (2)
  
- PAVED DRIVE, TYPE 2 (SEE STD. C-2A)
- STA 6+19, LT 38' WIDE
  
- CONCRETE DRIVE, TYPE 2 (SEE STD. C-2A)
- STA 6+99, LT 20' WIDE
  
- GRAVEL DRIVE, TYPE 2 (SEE STD. C-2A)
- STA 8+69, LT 20' WIDE
- STA 9+18, LT 16' WIDE
  
- SIDEWALK RAMP TYPE 6, EX. 5 (SEE STD. C-3B)
- STA 7+59, LT
- STA 7+59, RT
  
- SIDEWALK RAMP TYPE I (SEE STD. C-3A)
- STA 6+75, RT
- STA 7+50, RT

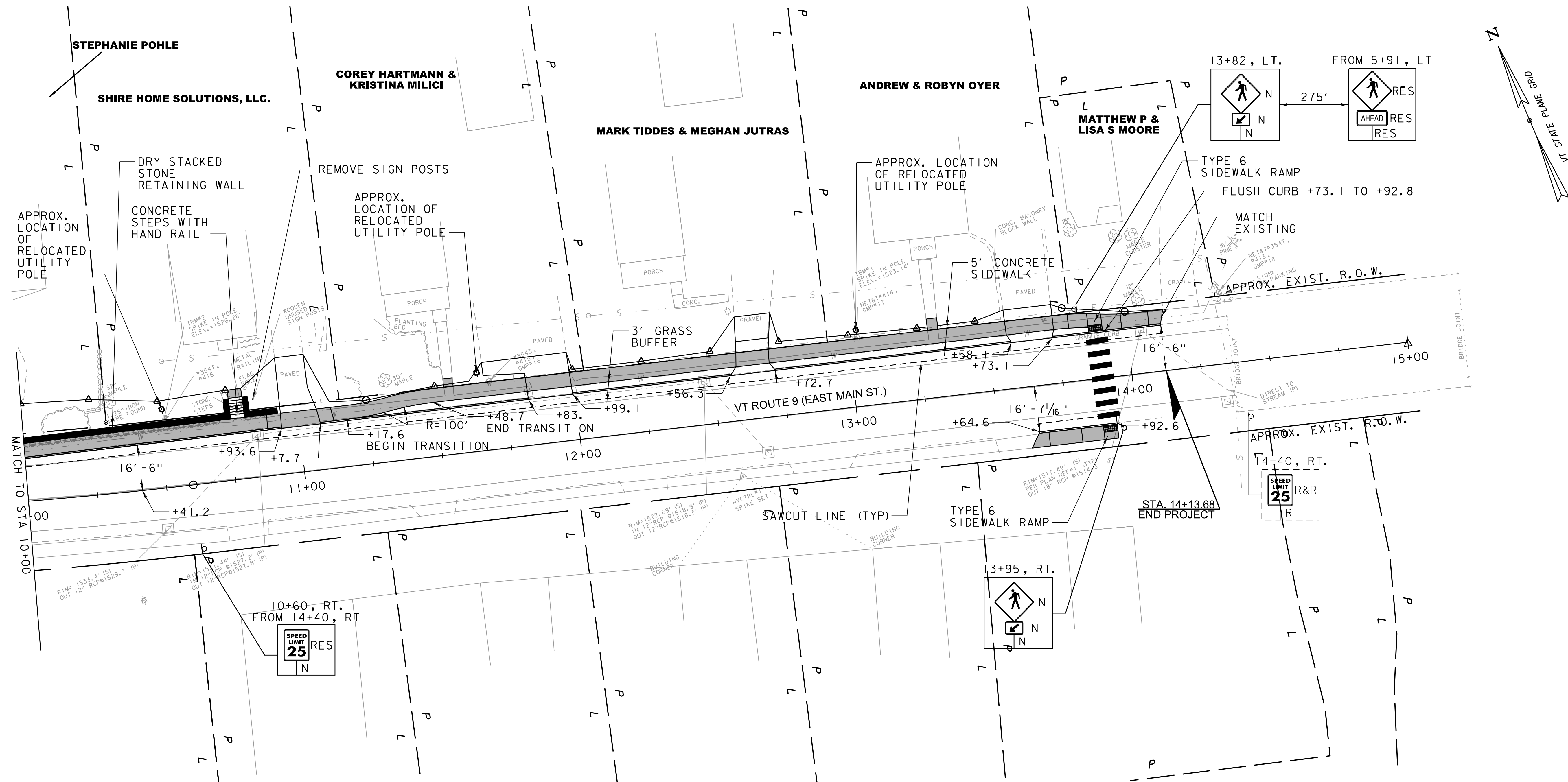
- REMOVING AND RESETTING FENCE
- STA 8+94.5 - STA 9+08.5, LT
  
- CROSSWALK MARKING, WATERBORNE PAINT
- STA 7+59, LT/RT
  
- SOLID ROCK EXCAVATION (EXISTING SIDEWALK)
- STA 5+00 - STA 10+00, LT
- STA 6+30 - STA 6+78, RT
- STA 7+50 - STA 7+68, RT
  
- SOLID ROCK EXCAVATION (CONCRETE DRIVE)
- STA 6+89 - 7+09, LT
  
- CAST-IN-PLACE CONCRETE CURB, TYPE B
- STA 6+30.0 - STA 6+78.0, RT (FRONT & BACK)

- REHABILITATING DIS. CATCH BASINS, OR MANHOLES, CLASS 1
- STA 6+41.5, LT
- STA 7+67.8, LT
  
- REMOVE AND RESET MAILBOX, SINGLE SUPPORT
- STA 6+63, RT
  
- SIGN REMOVAL, FLAT SHEET ALUMINUM
- STA 5+91, LT (2)
- STA 9+50, LT (2)
  
- RESETTING SIGNS
- STA 9+50, LT (1)
  
- REMOVING AND RESETTING PROPERTY MARKERS
- STA 9+10, LT
- STA 10+30, LT
  
- 4 INCH WHITE LINE, WATERBORNE PAINT
- STA 5+00 TO STA 10+00, LT

- HYDRANT, ALL-INCLUSIVE
- STA 9+05, LT
  
- REMOVE HYDRANT
- STA 9+56, LT
  
- GATE VALVE WITH VALVE BOX, ALL-INCLUSIVE, 12 INCH
- STA 9+05, LT
  
- RETAINING WALL 2
- STA 9+29 - STA 10+00, LT



PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_nul.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
LAYOUT PLAN (SHEET 2 OF 3)	SHEET 13 OF 40



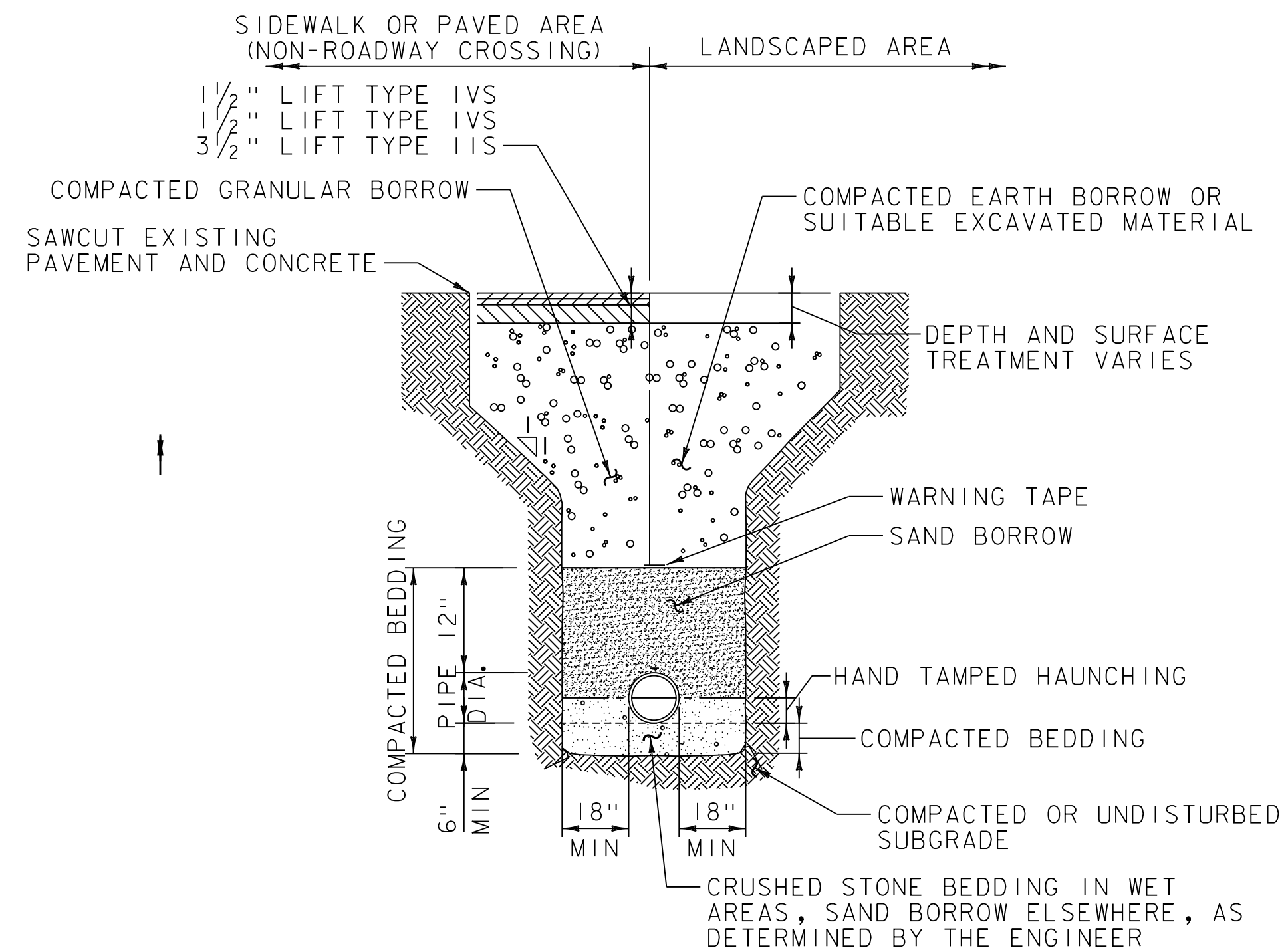
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**
- STA 10+00 - STA 10+94, LT
- STA 11+08 - STA 11+83, LT
- STA 11+99 - STA 12+56, LT
- STA 12+73 - STA 13+58, LT
- STA 13+73 - STA 14+14, LT
- STA 13+65 - STA 13+93, RT
- PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH**
- STA 10+94 - STA 11+08, LT
- STA 11+83 - STA 11+99, LT
- STA 12+56 - STA 12+73, LT
- STA 13+58 - STA 13+73, LT
- STA 13+65 - STA 13+93, RT
- DETECTABLE WARNING SURFACE**
- STA 13+89, LT
- STA 13+89, RT
- VERTICAL GRANITE CURB**
- STA 10+00.0 - STA 10+93.6, LT
- STA 11+07.6 - STA 11+83.1, LT
- STA 11+99.1 - STA 12+56.3, LT
- STA 12+72.7 - STA 13+58.1, LT
- STA 13+64.6 - STA 13+92.6, RT
- STA 13+73.1 - STA 14+13.7, LT

- PAVED DRIVE, TYPE 2 (SEE STD. C-2A)**
- STA 11+01, LT 14' WIDE
- STA 11+91, LT 16' WIDE
- STA 13+66, LT 15' WIDE
- GRAVEL DRIVE, TYPE 2 (SEE STD. C-2A)**
- STA 12+64, LT 16' WIDE
- CROSSWALK MARKING, WATERBORNE PAINT**
- STA 13+89, LT/RT
- SIDEWALK RAMP TYPE 6, EX. 5 (SEE STD. C-3B)**
- STA 13+89, LT
- STA 13+89, RT
- RETAINING WALL**
- STA 10+00 - 10+92, LT

- REHABILITATING DIS. CATCH BASINS, OR MANHOLES, CLASS 1**
- STA 10+85, LT
- STA 12+47, LT
- STA 14+05, LT
- SOLID ROCK EXCAVATION (EXISTING SIDEWALK)**
- STA 10+00 - STA 14+14, LT
- STA 13+65 - STA 13+93, RT
- SIGN REMOVAL, FLAT SHEET ALUMINUM**
- STA 10+85, LT (SIGN POSTS)
- STA 14+40, RT (I)
- RESETTING SIGNS**
- STA 10+60, RT (I)
- STA 16+57, LT (2)
- 4 INCH WHITE LINE, WATERBORNE PAINT**
- STA 10+00 TO STA 14+14, LT

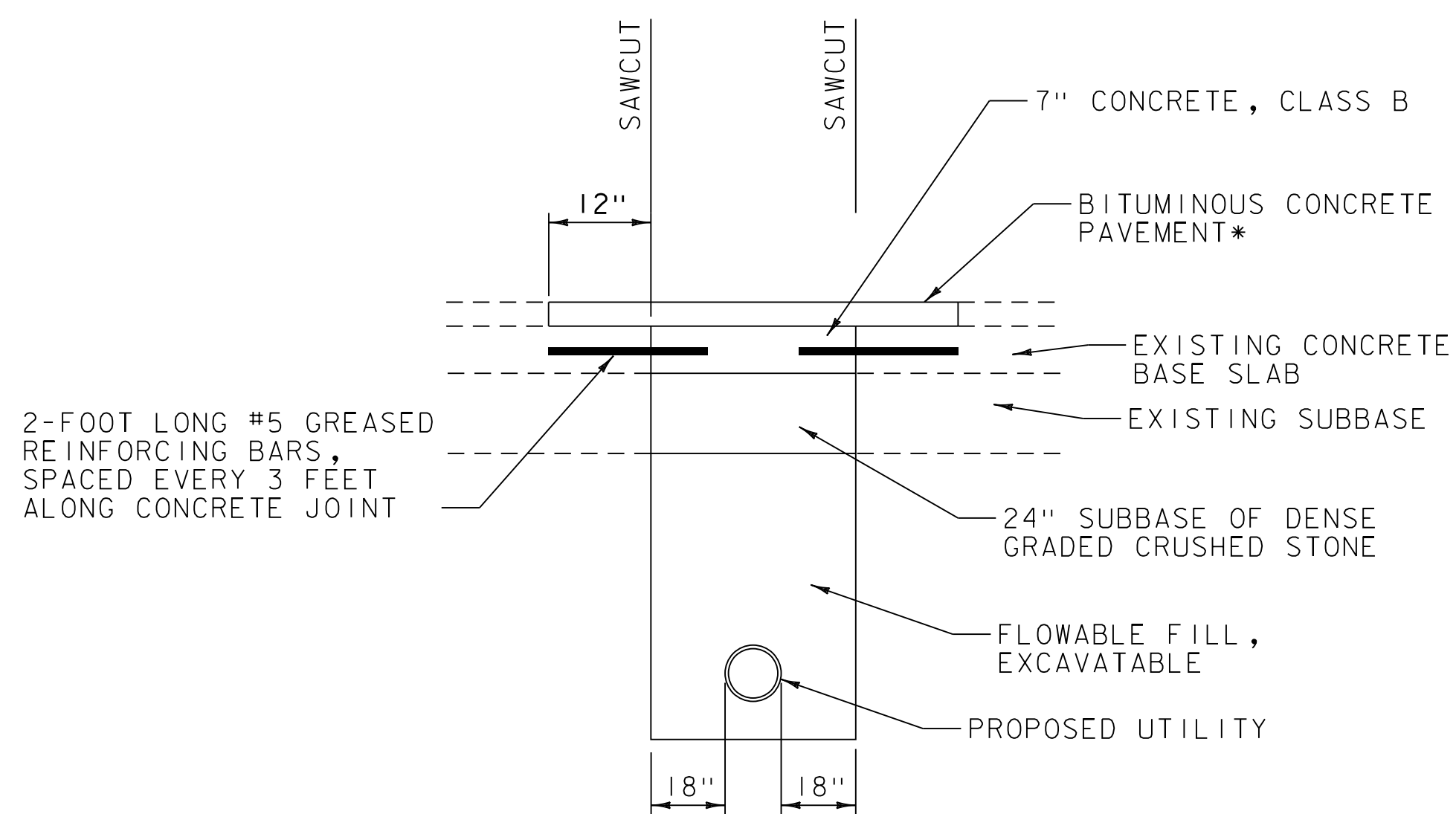


PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_nul.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
LAYOUT PLAN (SHEET 3 OF 3)	SHEET 14 OF 40



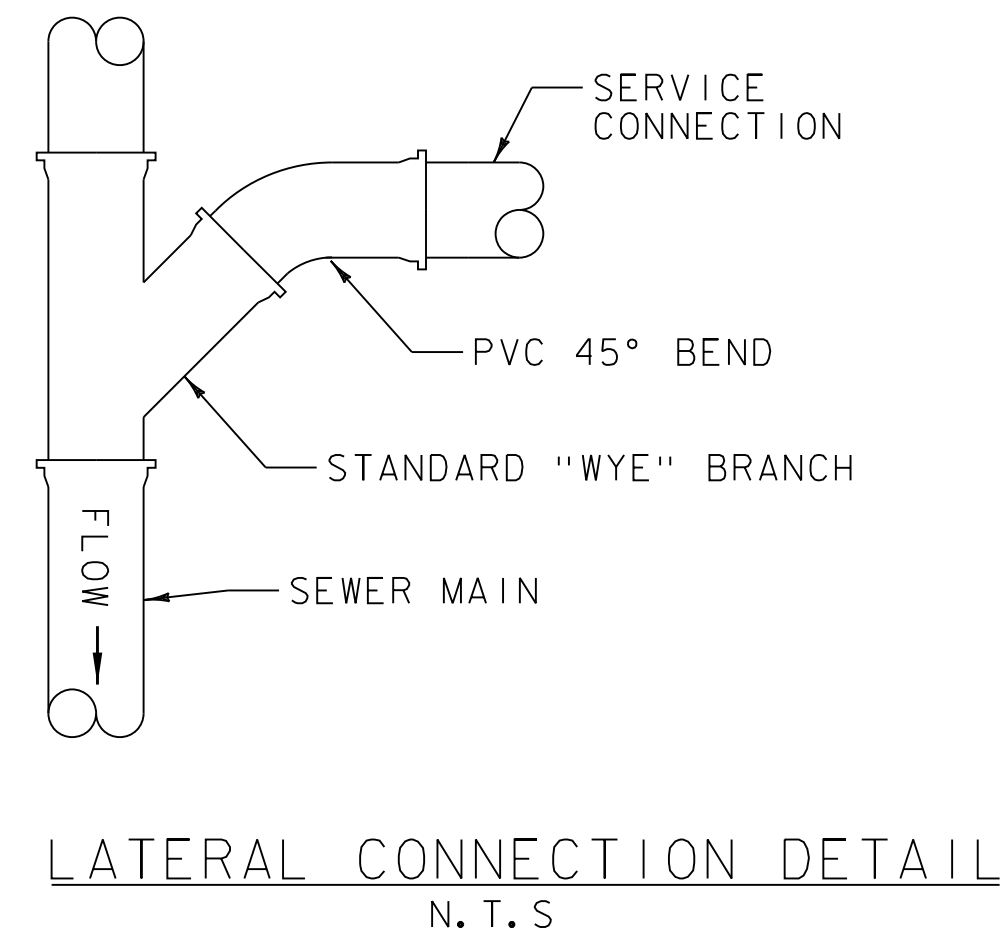
- NOTES:
1. USE METALLIC WARNING TAPE OVER ALL PIPES. COST IS INCIDENTAL TO APPLICABLE PIPE ITEM.
  2. BEDDING TO PROVIDE A FIRM, STABLE, CONTINUOUS, AND UNIFORM SUPPORT FOR THE FULL LENGTH OF THE PIPE.
  3. NO MECHANICAL TAMPERS SHALL BE USED DIRECTLY OVER THE PIPE TO ENSURE PIPE IS NOT DAMAGED.
  4. CRUSHED STONE BEDDING SHALL BE 3/4" (REFER TO TABLE 704.02B IN THE STANDARD SPECIFICATIONS).

UTILITY TRENCH FOR SIDEWALK,  
LANDSCAPED, OR NON-ROADWAY  
CROSSING PAVED AREAS  
N. T. S

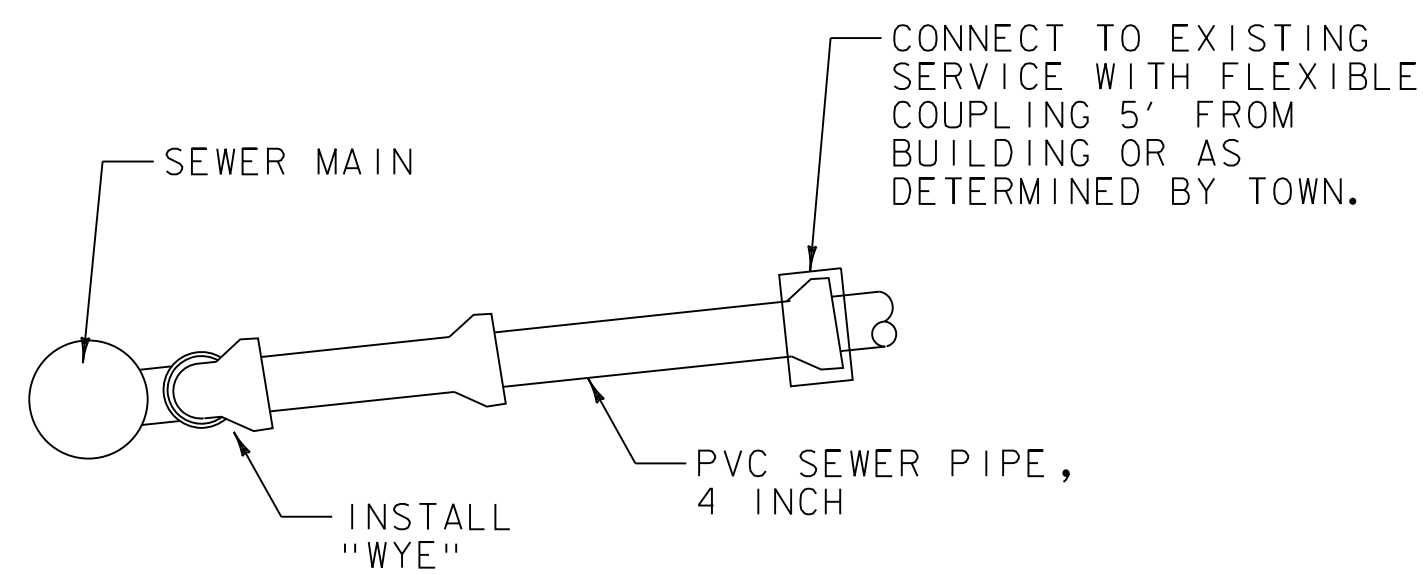


UTILITY TRENCH FOR ROADWAY  
CROSSINGS  
N. T. S

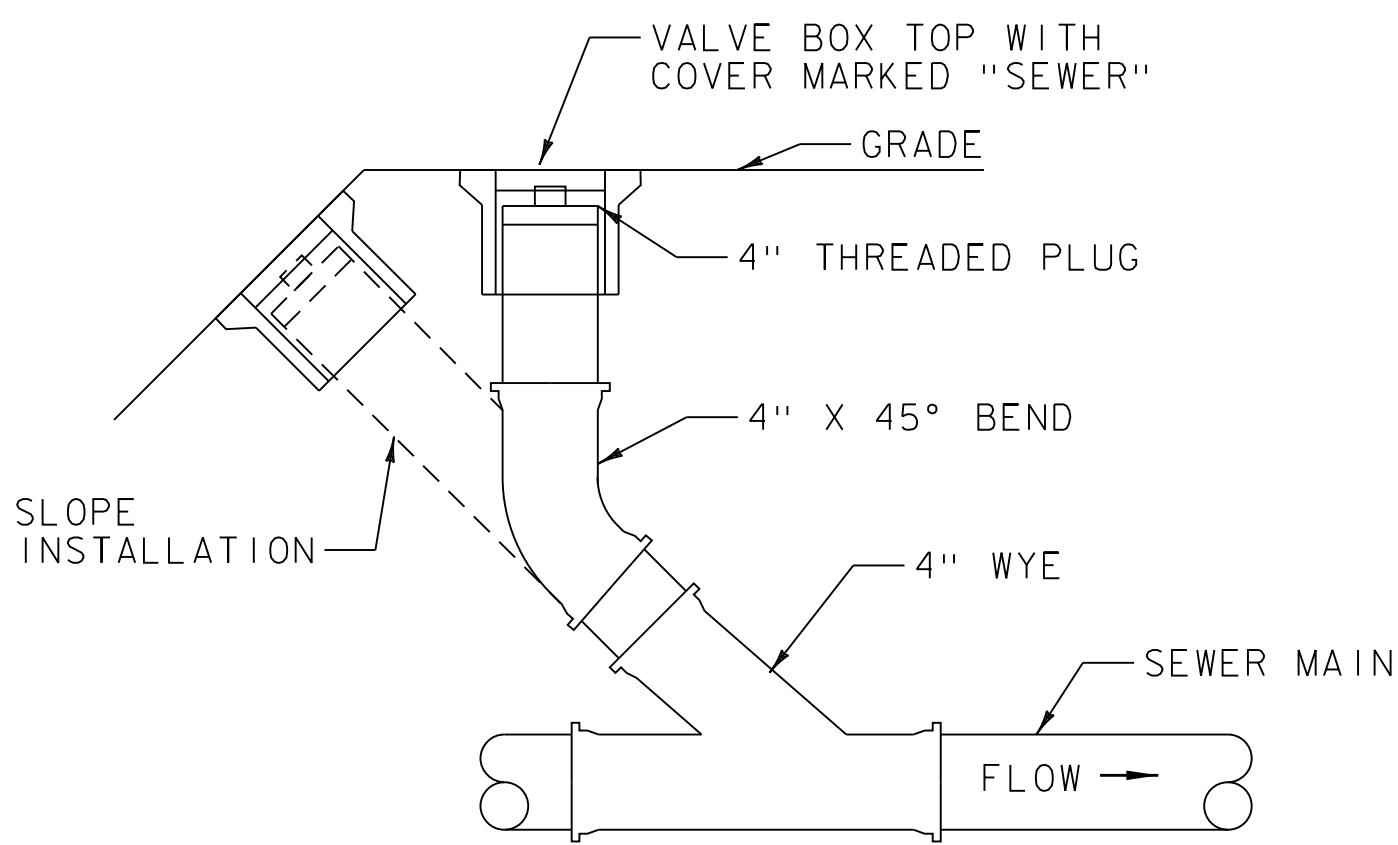
- 1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER II
- 1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER II
- 3/2" BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER II



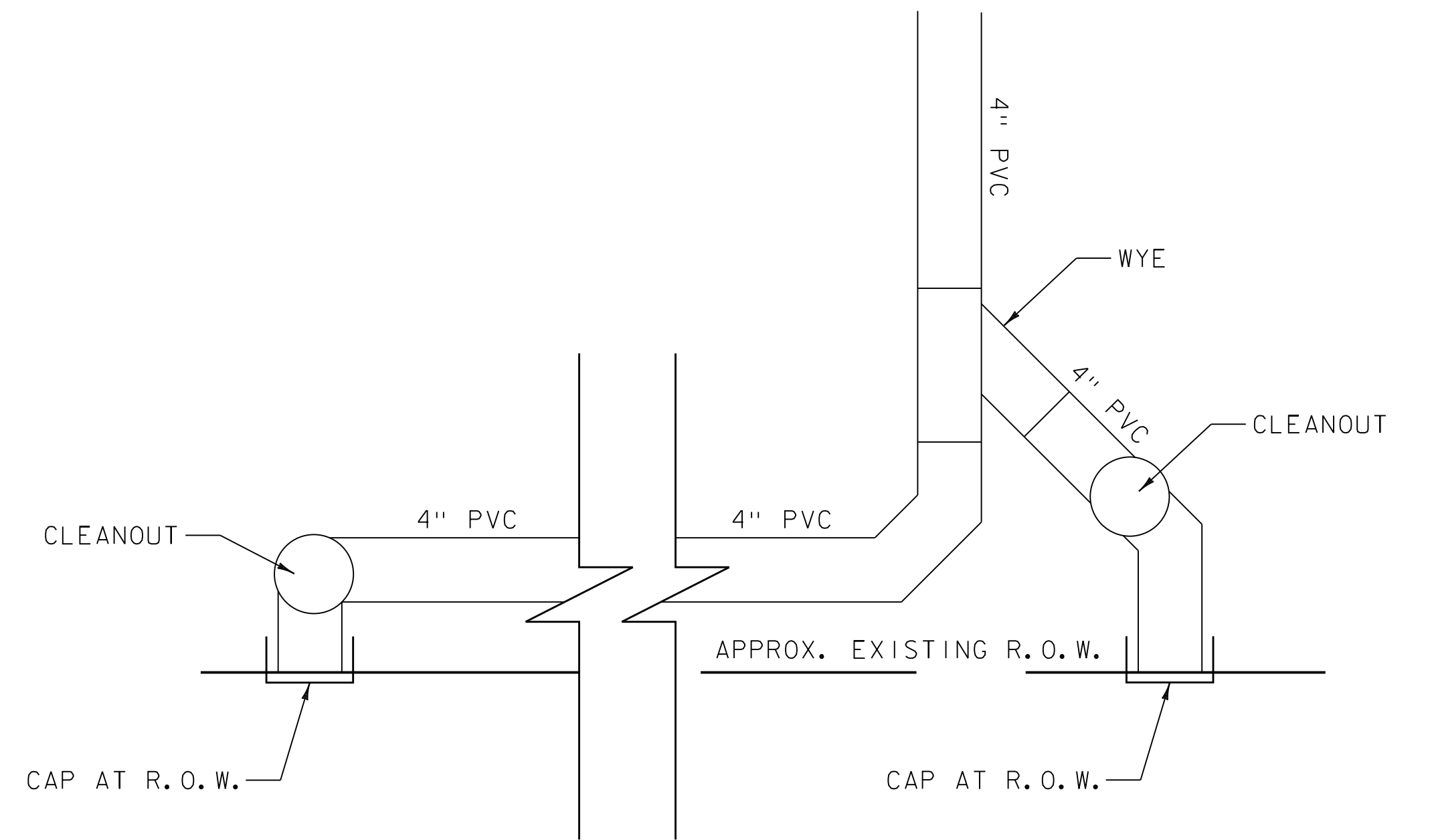
LATERAL CONNECTION DETAIL  
N. T. S



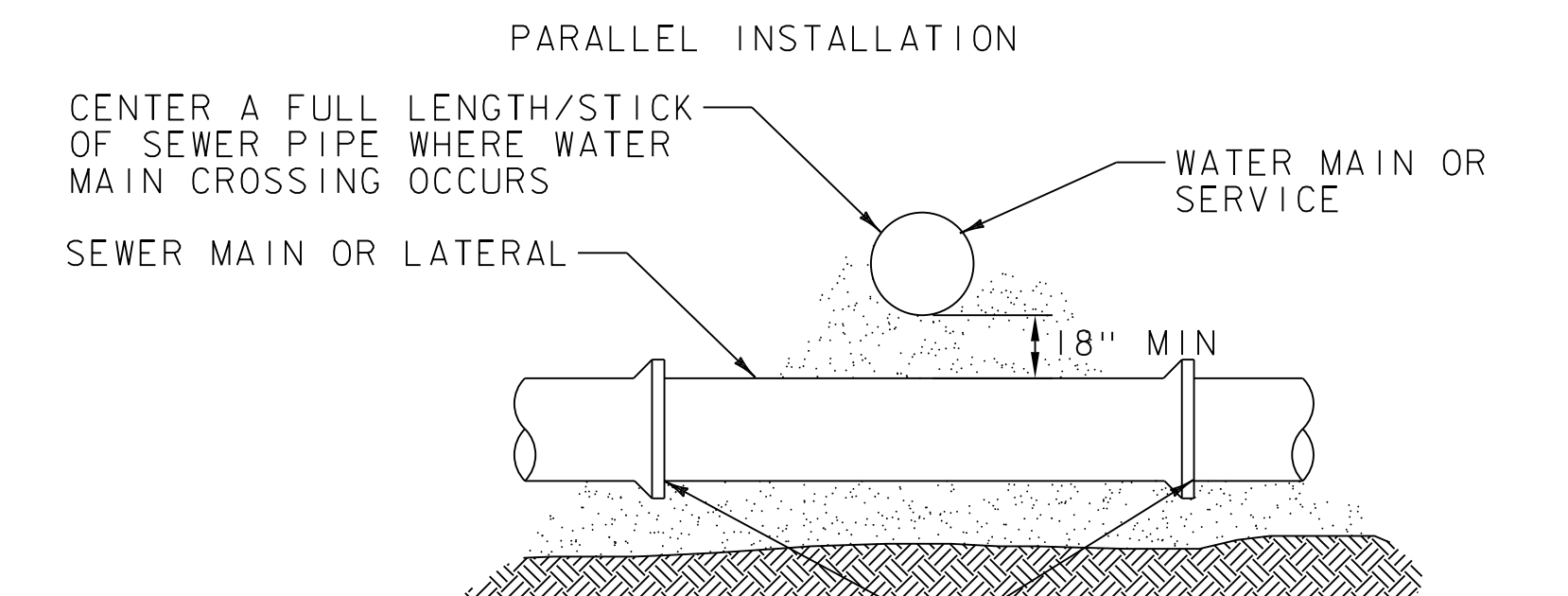
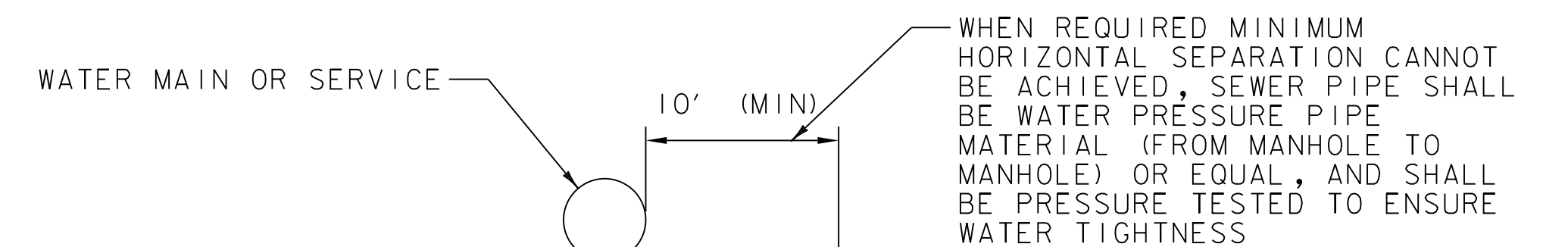
SEWER SERVICE DETAIL  
N. T. S



SEWER CLEANOUT DETAIL  
N. T. S



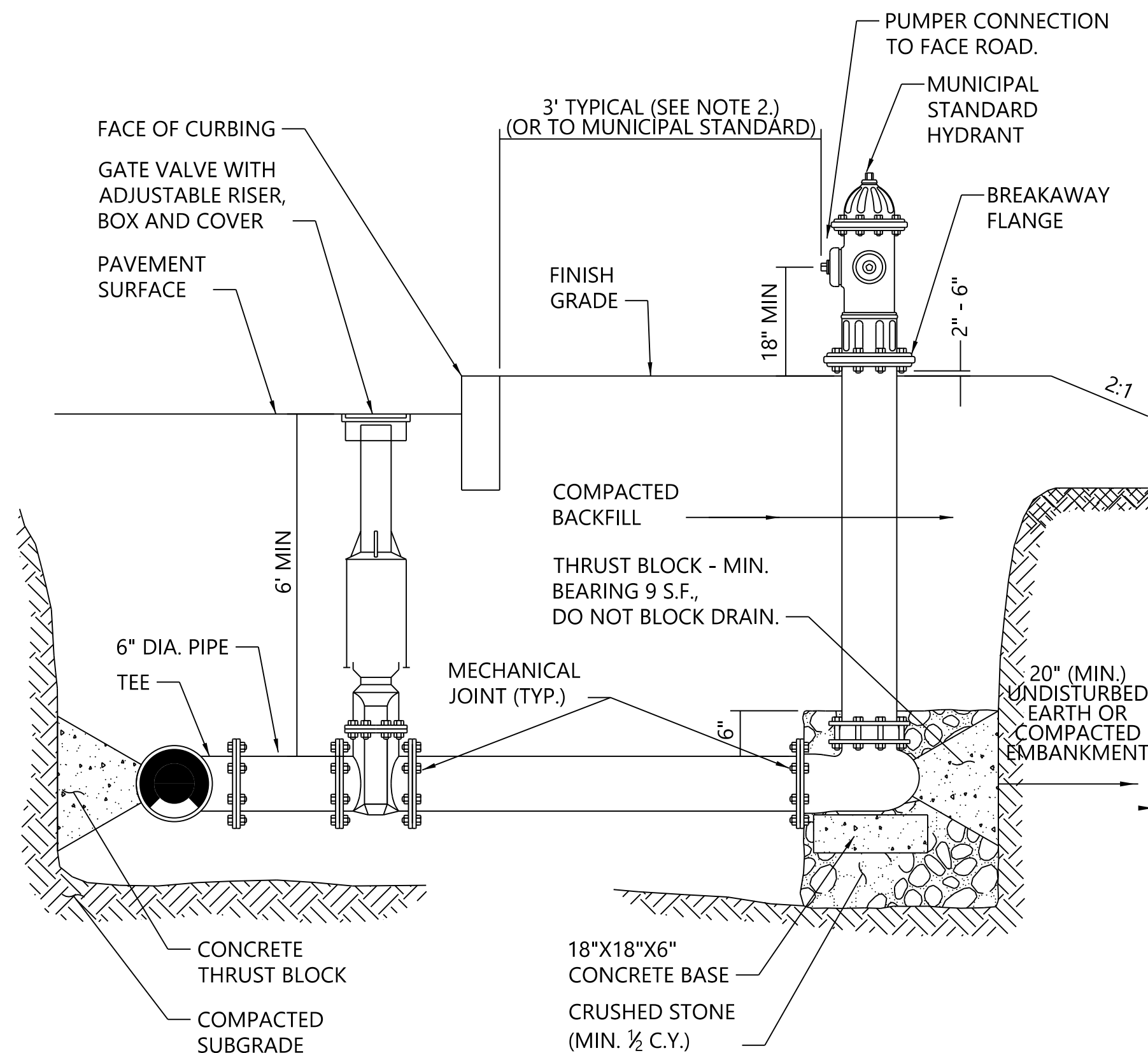
SEWER SERVICE CONNECTION DETAIL  
N. T. S



WATER AND SANITARY UTILITY CROSSINGS  
WATER/SEWER SEPARATION  
N. T. S

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923+yp.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	C.K. FORD
UTILITY DETAILS SHEET (1 OF 2)	
PLOT DATE:	10/6/2025
DRAWN BY:	C.K. FORD
CHECKED BY:	E.P. DETRICK
SHEET	15 OF 40



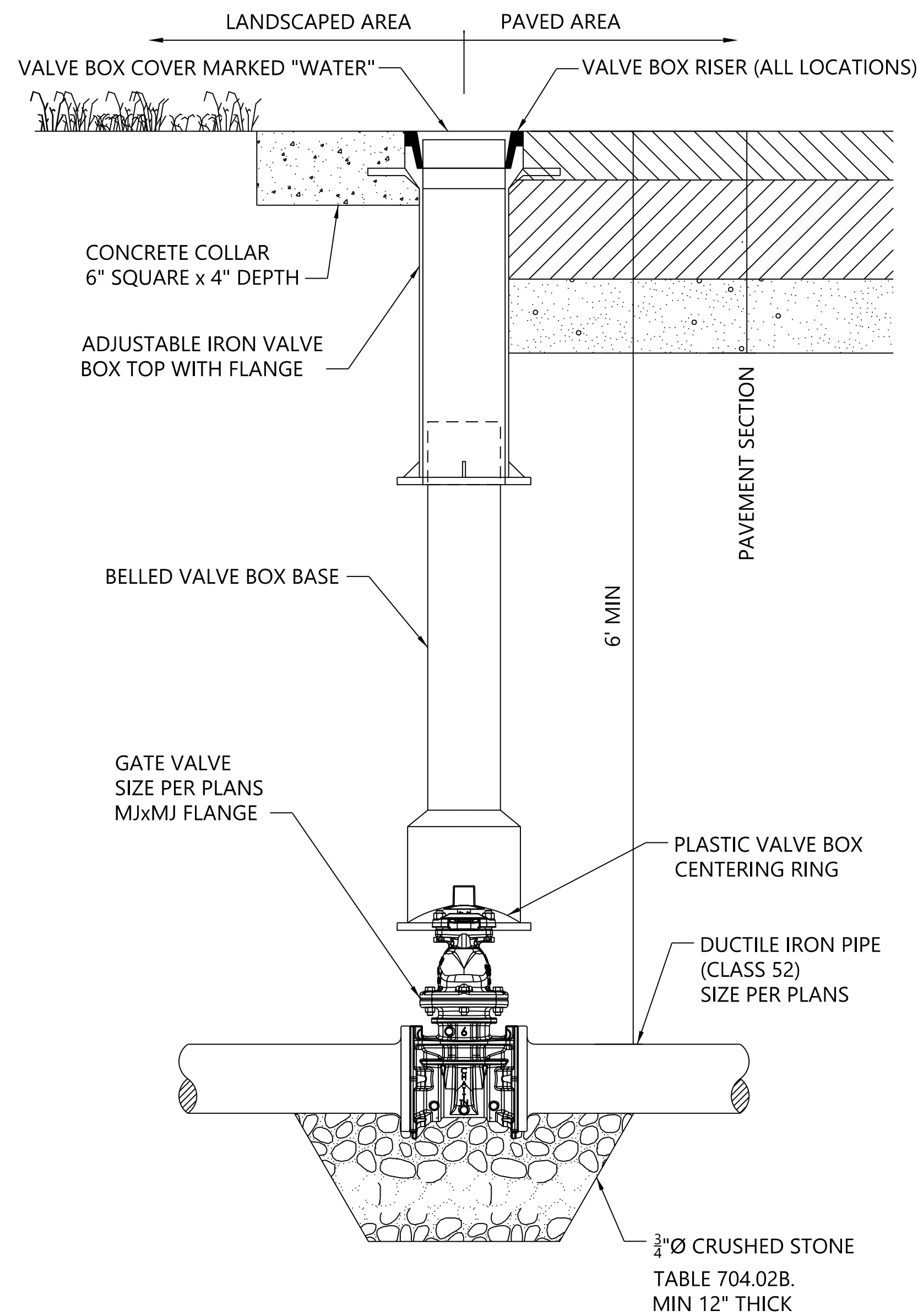


**NOTES**

1. CONCRETE THRUST BLOCKS TO BE USED ONLY WHERE THEY CAN BEAR ON UNDISTURBED EARTH AS SHOWN. USE CLAMPS AND TIE RODS OR OTHER ACCEPTABLE METHOD OF JOINT RESTRAINT WHERE SOIL CONDITIONS PROHIBIT THE USE OF THRUST BLOCKS.
2. HYDRANT IN SIDEWALK AREAS TO BE LOCATED TO PROVIDE MINIMUM CLEAR SIDEWALK PASSAGE WIDTH OF 3 FEET AT HYDRANT.
3. A 36-INCH CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT UNLESS OTHERWISE APPROVED BY AUTHORITY HAVING JURISDICTION.
4. ALL FITTINGS ARE TO HAVE WEDGE STYLE RETAINER GLANDS.
5. PRIOR TO POURING THRUST BLOCKS ALL FITTINGS ARE TO BE WRAPPED WITH 4MIL. POLYETHYLENE.
6. HYDRANT SHALL BE KENNEDY MODEL K81-A. CONTRACTOR SHALL COORDINATE WITH TOWN ON COLOR AND SIZE PRIOR TO ORDERING.

**Hydrant Construction**

NTS

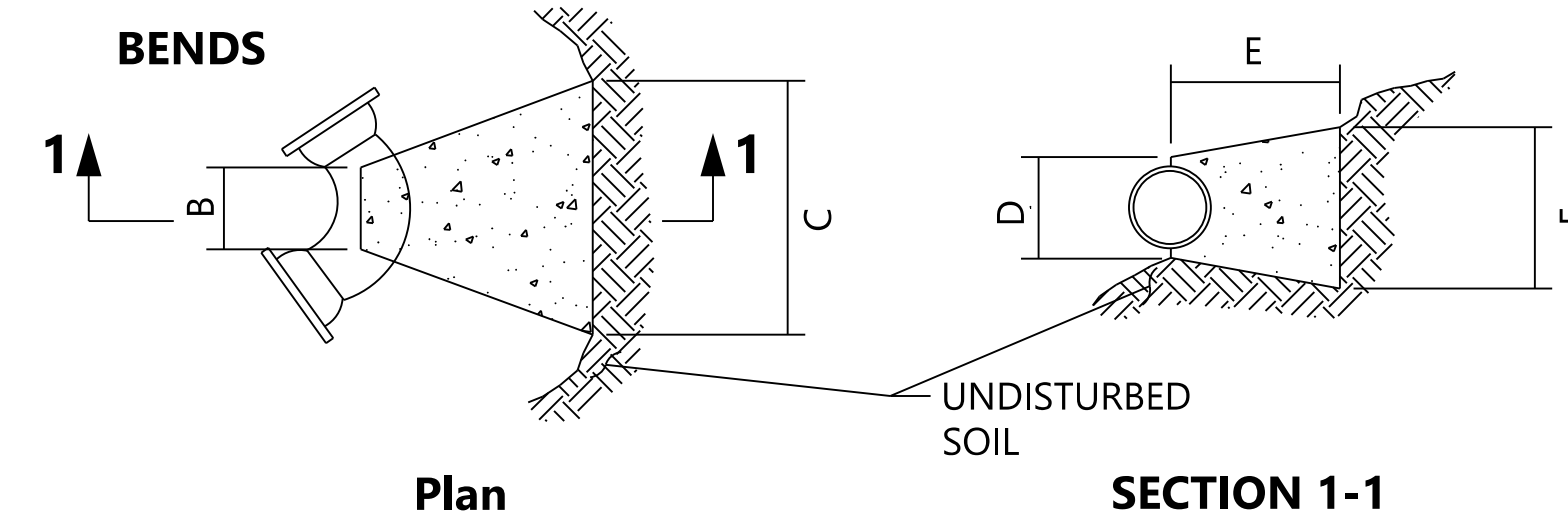


**Gate Valve Detail**

NTS

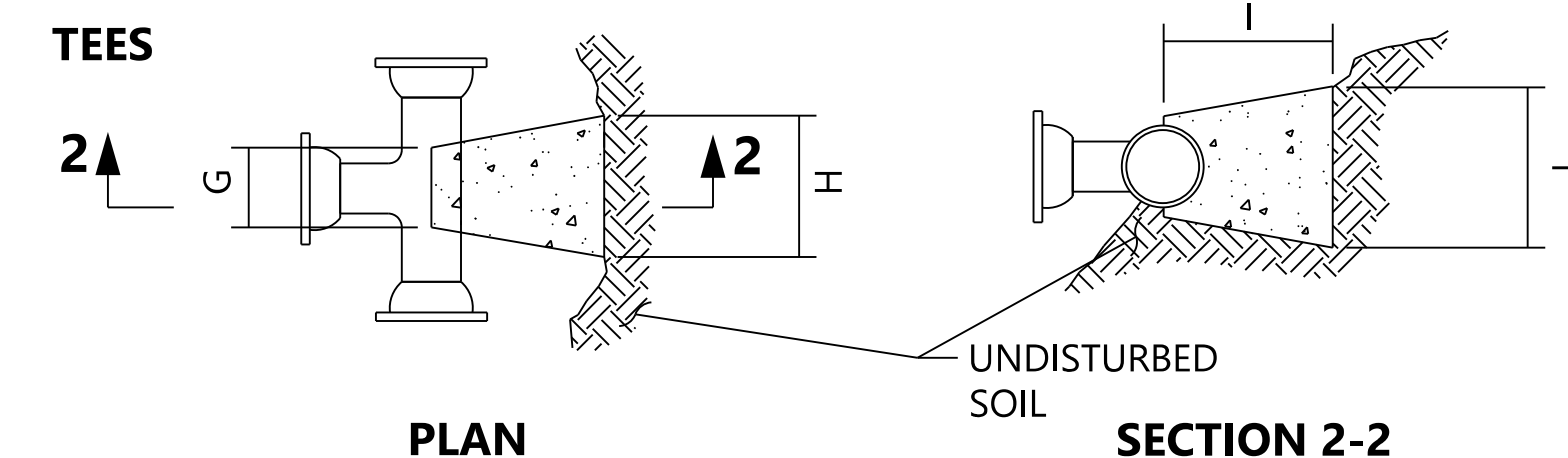
**TABLE OF DIMENSIONS**

BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6" 11 ¼°	8"	15"	12"	24"	12"	6" 45°	8"	30"	12"	24"	14"
6" 22 ½°	"	19"	"	"	13"	6" 90°	"	30"	"	"	27"
8" 11 ¼°	"	20"	"	"	12"	8" 45°	"	30"	"	"	24"
8" 22 ½°	"	22"	"	"	17"	8" 90°	"	38"	"	"	36"
12" 11 ¼°	"	30"	"	"	15"	12" 45°	"	40"	"	"	40"
12" 22 ½°	"	35"	"	"	25"	12" 90°	"	60"	"	"	52"



**TABLE OF DIMENSIONS**

TEES	G	H	I	J	TEES	G	H	I	J
6"X6"X6"	12"	24"	24"	18"	12"X12"X6"	12"	24"	24"	18"
8"X8"X6"	"	"	"	"	12"X12"X8"	"	"	"	24"
8"X8"X8"	"	"	"	24"	12"X12"X12"	"	36"	"	36"



**NOTES**

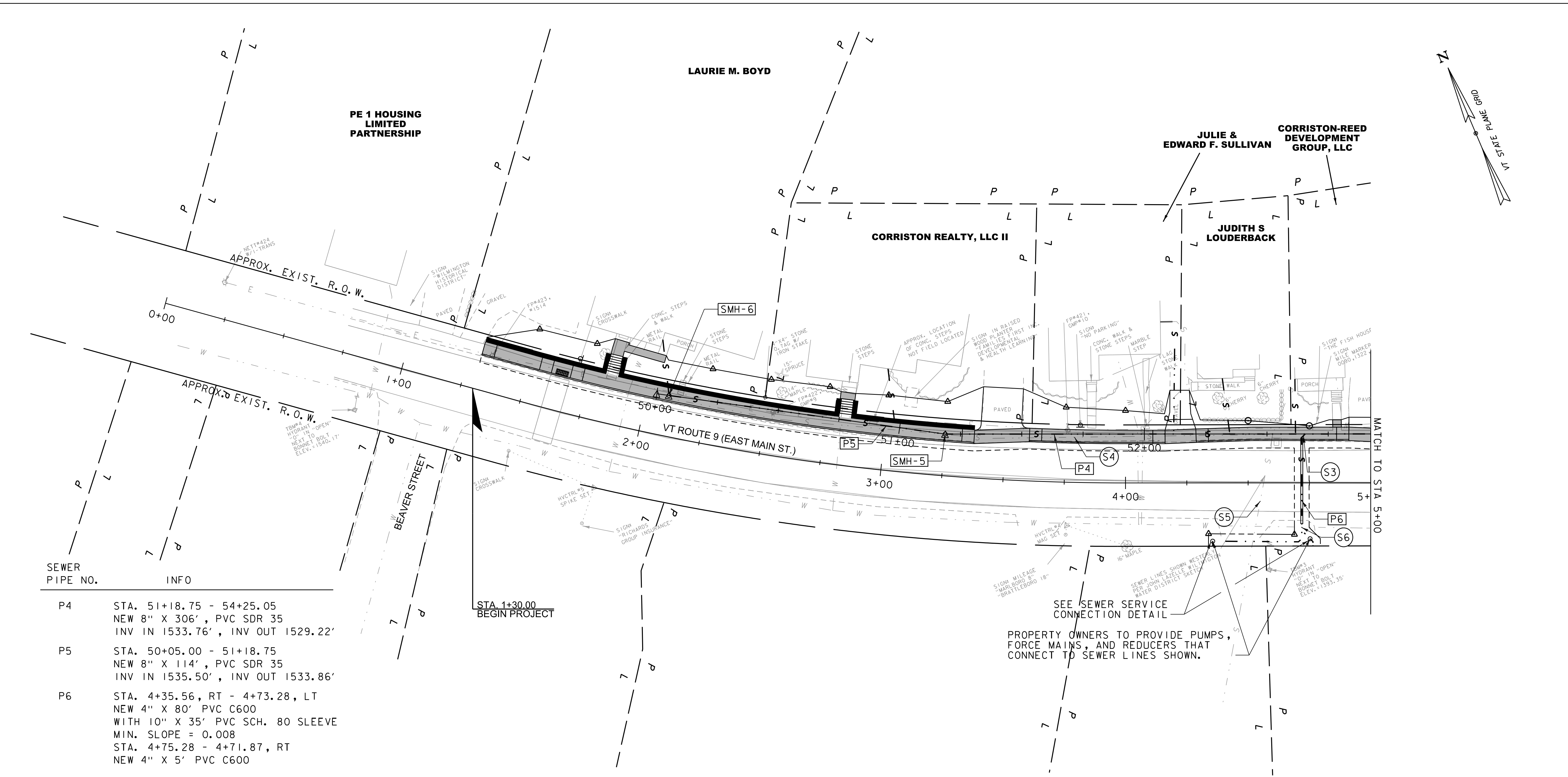
1. PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS (SAME SIZE AS REQUIRED FOR TEES). PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
2. CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
3. CONCRETE SHALL BE 3,000 PSI-TYPE I.

**Concrete Thrust Block**

NTS

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923+yp.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	C.K. FORD
UTILITY DETAILS SHEET (2 OF 2)	
PLOT DATE:	10/6/2025
DRAWN BY:	C.K. FORD
CHECKED BY:	E.P. DETRICK
SHEET	16 OF 40





SEWER PIPE NO.	INFO
P4	STA. 51+18.75 - 54+25.05 NEW 8" X 306', PVC SDR 35 INV IN 1533.76', INV OUT 1529.22'
P5	STA. 50+05.00 - 51+18.75 NEW 8" X 114', PVC SDR 35 INV IN 1535.50', INV OUT 1533.86'
P6	STA. 4+35.56, RT - 4+73.28, LT NEW 4" X 80' PVC C600 WITH 10" X 35' PVC SCH. 80 SLEEVE MIN. SLOPE = 0.008 STA. 4+75.28 - 4+71.87, RT NEW 4" X 5' PVC C600

SEWER STRUCTURE NO.	STATION	COMMENTS
SMH-5	51+18.75	4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1540.33' P5 INV IN = 1533.86' (NEW) P4 INV OUT = 1533.76' (NEW)
SMH-6	50+05.00	4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1541.54' P5 INV OUT = 1535.50' (NEW)

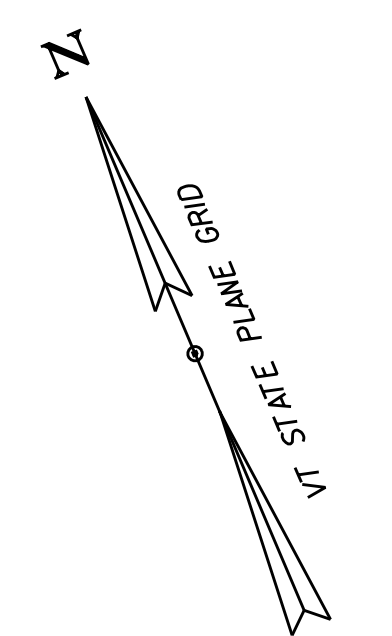
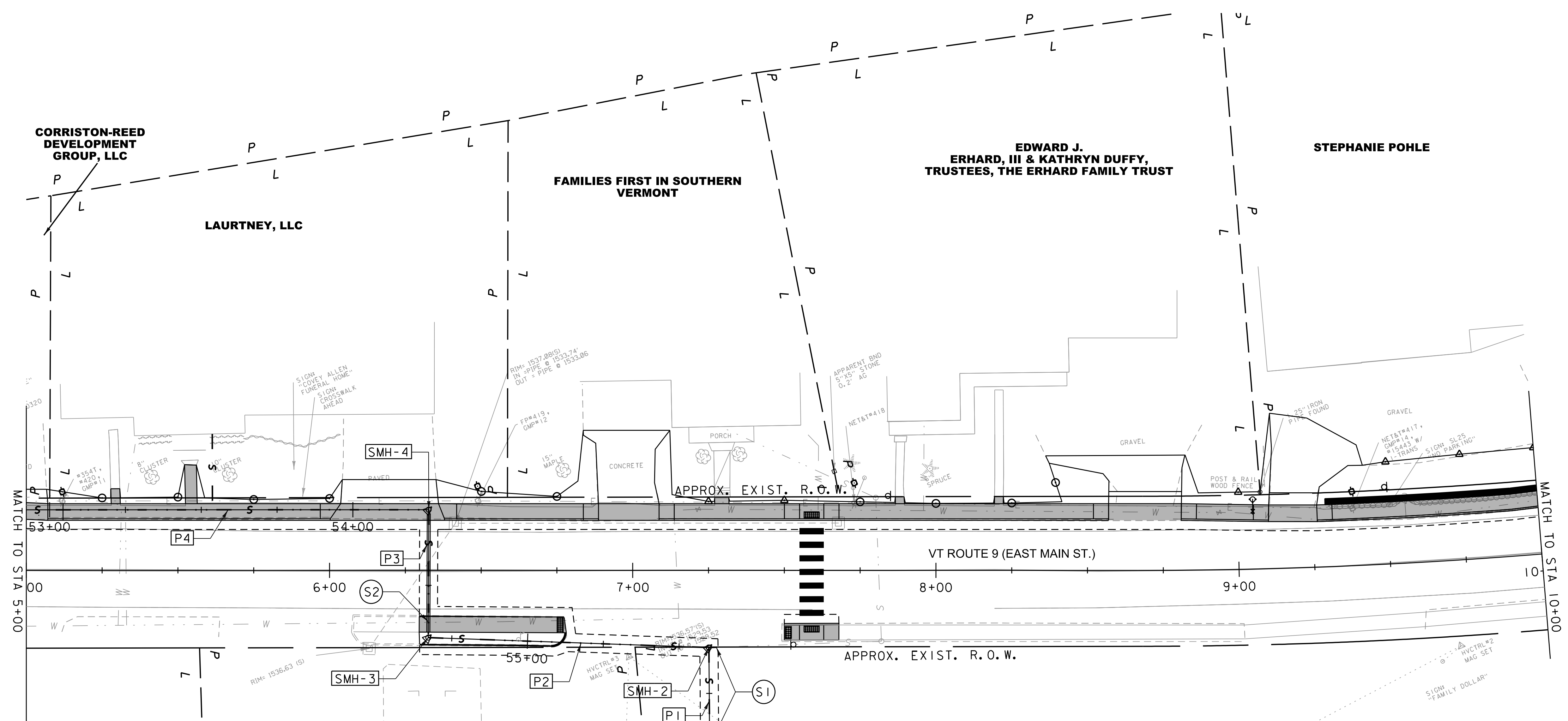
**SEWER NOTES:**  
 ALL SEWER WORK IS NON-PARTICIPATING.  
 S3. WYE FITTING.  
 S4. REMOVE EXISTING SEWERLINE.  
 S5. ABANDON IN PLACE. FILL WITH FLOWABLE FILL.  
 S6. SEE WATER/SEWER SEPARATION DETAIL.

**SLEEVES FOR UTILITIES**  
 STA 4+72, RT-LT (10")(SCH. 80 PVC)  
 (NON-PARTICIPATING)

SEE SEWER SERVICE CONNECTION DETAIL  
 PROPERTY OWNERS TO PROVIDE PUMPS, FORCE MAINS, AND REDUCERS THAT CONNECT TO SEWER LINES SHOWN.



PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923bdr_UT.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	B.M. ROBERTS
UTILITY LAYOUT PLAN (SHEET 10F 3)	
PLOT DATE:	10/6/2025
DRAWN BY:	B.M. ROBERTS
CHECKED BY:	E.P. DETRICK
SHEET	17 OF 40



SEWER STRUCTURE NO.	STATION	COMMENTS
SMH-1	55+89.86	4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1536.52' P1 INV IN = 1526.30' (NEW) INV OUT = 1525.91' (EXISTING)
SMH-2	55+59.86	REMOVE EXISTING SEWER MANHOLE INSTALL NEW 4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1536.57' INV IN = 1529.53' (EXISTING) P2 INV IN = 1527.70' (NEW) P1 INV OUT = 1527.53' (NEW)
SMH-3	54+67.25	4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1537.33' P3 INV IN = 1528.49' (NEW) P2 INV OUT = 1528.39' (NEW)
SMH-4	54+25.05	4' DIA. SEWER MANHOLE, CAST-IRON-COVER RIM 1537.3' P4 INV IN = 1529.22' (NEW) P3 INV OUT = 1529.07' (NEW)

SEWER PIPE NO.	INFO
P1	STA. 55+59.86 - 55+89.86 NEW 8" X 30' PVC SDR 35 INV IN 1527.53', INV OUT 1526.30'
P2	STA. 54+67.25 - 55+59.86 NEW 8" X 93' PVC C600 INV IN 1528.39', INV OUT 1527.70'
P3	STA. 54+25.05 - 54+67.25 NEW 8" X 42' PVC C600 WITH 12" PVC SCH. 80 SLEEVE INV IN 1529.07', INV OUT 1528.49'

- SLEEVES FOR UTILITIES  
SEWER STA 54+26 TO 54+66 (12") (SCH. 80 PVC) (NON-PARTICIPATING)
- GATE VALVE WITH VALVE BOX, ALL-INCLUSIVE, 6 INCH  
9+06, LT
- DUCTILE IRON WATER PIPE, CEMENT-LINED, 6 INCH  
9+06, LT
- 12"X12"X6" TEE (INCIDENTAL TO 6" DI WATER PIPE)  
9+06, LT
- HYDRANT, ALL-INCLUSIVE  
STA 9+56 TO STA 9+05, LT
- ADJUST ELEVATION OF VALVE BOX  
STA 7+22, LT  
STA 8+95, LT

**WATER NOTES:**

- CONTRACTOR TO VERIFY EXISTING WATERMAIN HORIZONTAL LOCATION AND ELEVATION AT TIE-IN.
- CONTRACTOR TO COORDINATE EXISTING WATERMAIN SHUTDOWN WITH TOWN OF WILMINGTON.

**SEWER NOTES:**

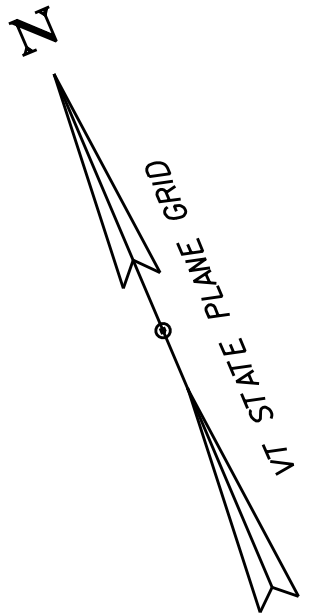
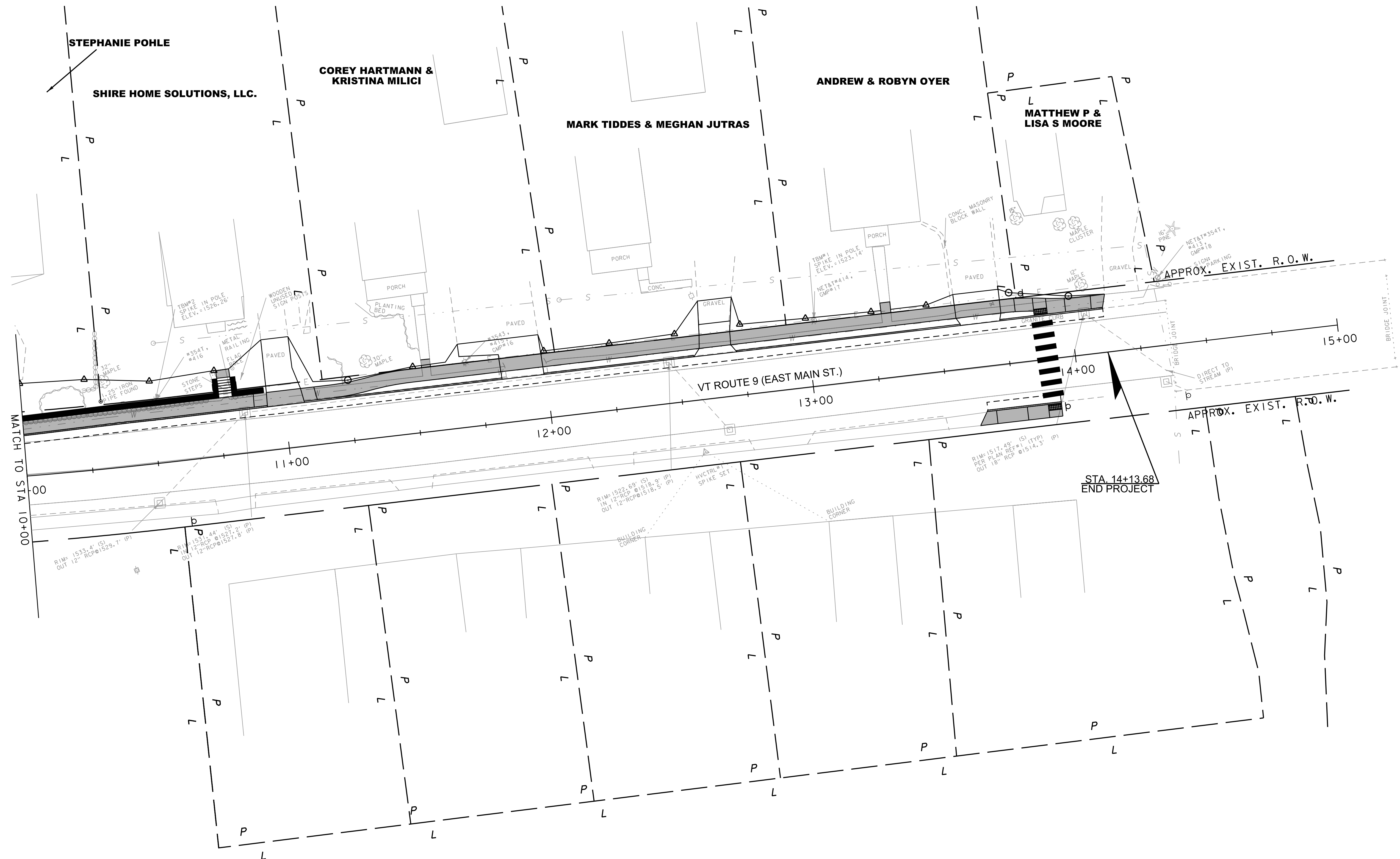
ALL SEWER WORK IS NON-PARTICIPATING.

S1. PROPOSED SEWER MAIN CONNECTION. TEST PIT TO VERIFY MAIN LOCATION, DEPTH, TYPE, AND SIZE BEFORE ORDERING STRUCTURE AND MATERIALS. CONNECT TO EXISTING SEWERLINE WITH FLEXIBLE COUPLING, AS NECESSARY.

S2. SEE WATER/SEWER SEPARATION DETAIL.



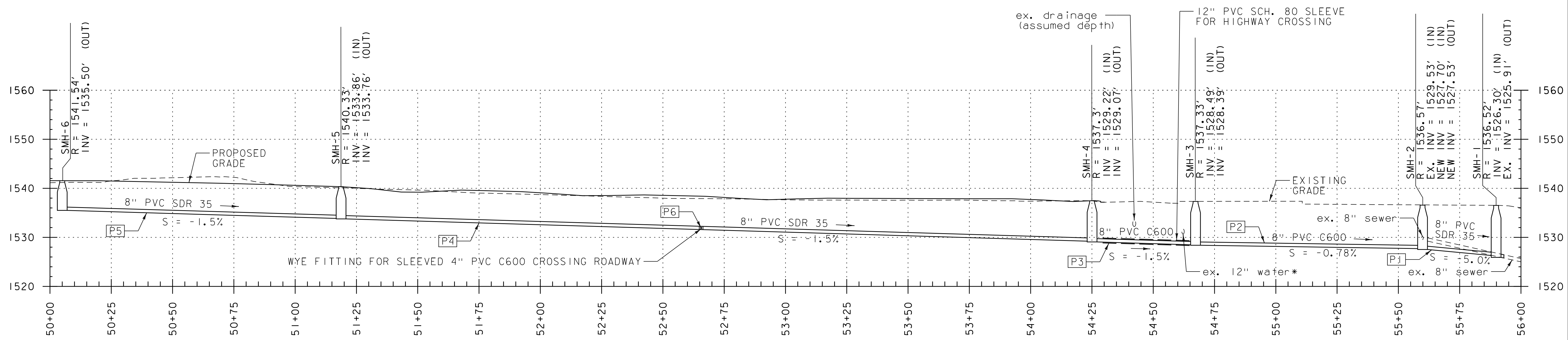
PROJECT NAME: EAST MAIN STREET SIDEWALK	PLOT DATE: 10/6/2025
PROJECT NUMBER: TAP TA 16(4) - STP BP17(13)	DRAWN BY: B.M. ROBERTS
FILE NAME: 57923bdr_UT.dgn	CHECKED BY: E.P. DETRICK
PROJECT LEADER: E.P. DETRICK	UTILITY LAYOUT PLAN (SHEET 2 OF 3)
DESIGNED BY: B.M. ROBERTS	SHEET 18 OF 40



ADJUST ELEVATION OF VALVE BOX  
STA 13+73, LT



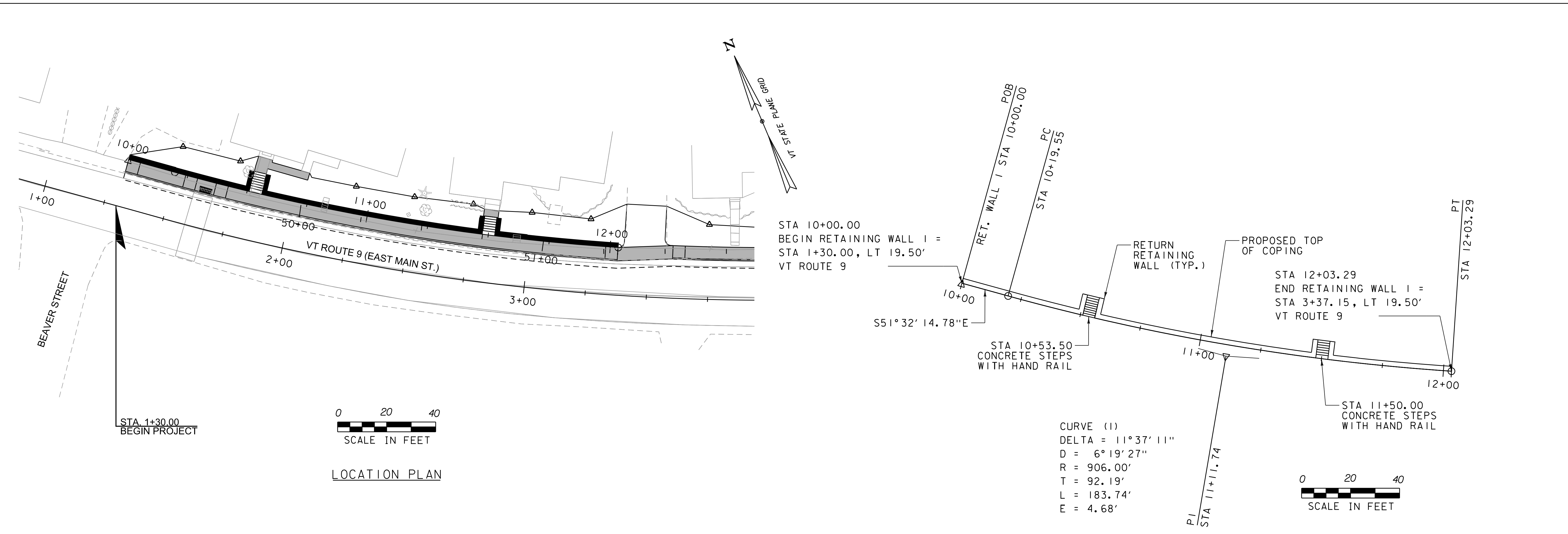
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_UT.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
UTILITY LAYOUT PLAN (SHEET 3 OF 3)	SHEET 19 OF 40



* EXISTING WATER MAIN DEPTH FROM WILMINGTON WATER DISTRICT PROJECT NO. 1224 AS-BUILT PLANS

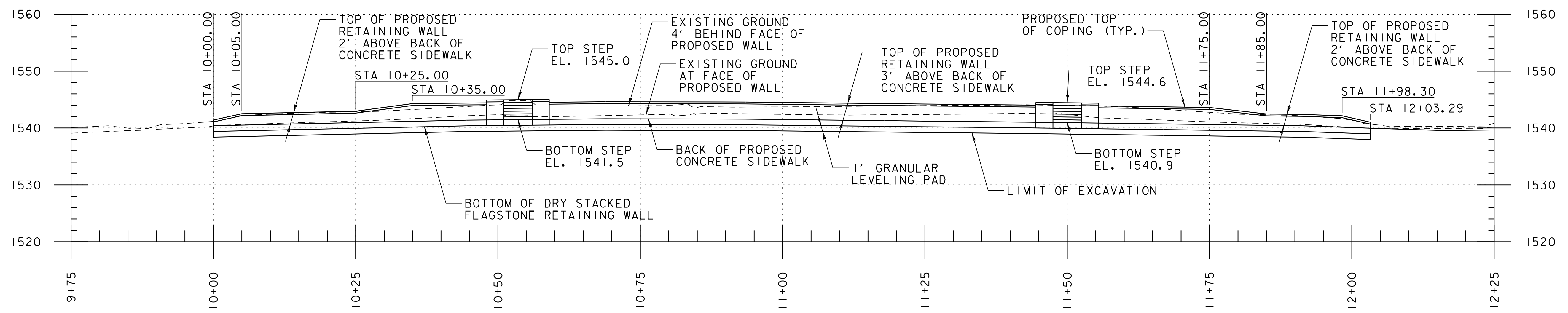
PROJECT NAME: WILMINGTON	
PROJECT NUMBER: 57923.00	
FILE NAME: 57923_sewer_pro.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P.DETRICK	DRAWN BY: C.K.FORD
DESIGNED BY: C.K.FORD	CHECKED BY: E.P.DETRICK
PROPOSED SEWER PROFILE	SHEET 20 OF 40





PLAN VIEW

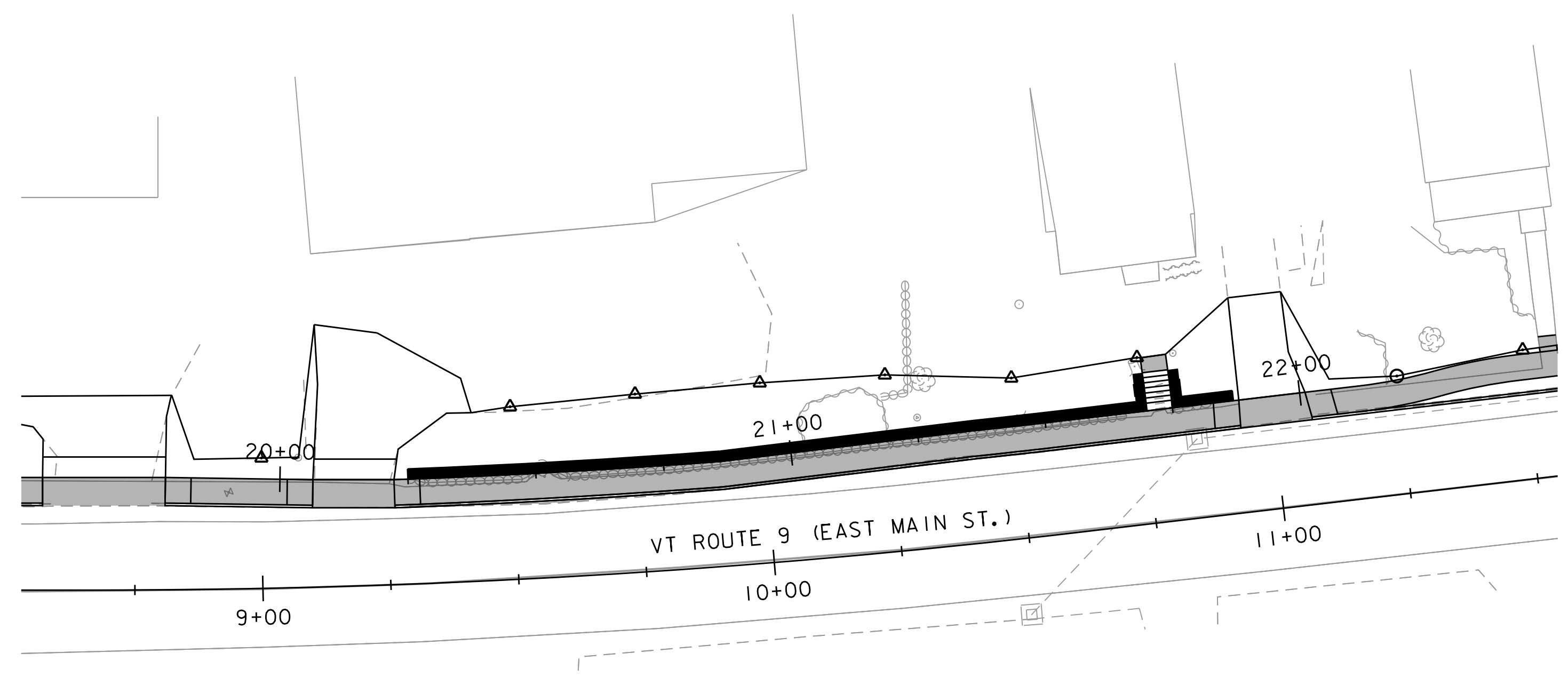
NOTE: RETAINING WALL ELEVATION IS DRAWN FACING LEFT OF THE CENTERLINE WITH DOWN STATION BEING TO THE LEFT AND UP STATION BEING TO THE RIGHT.



ELEVATION VIEW

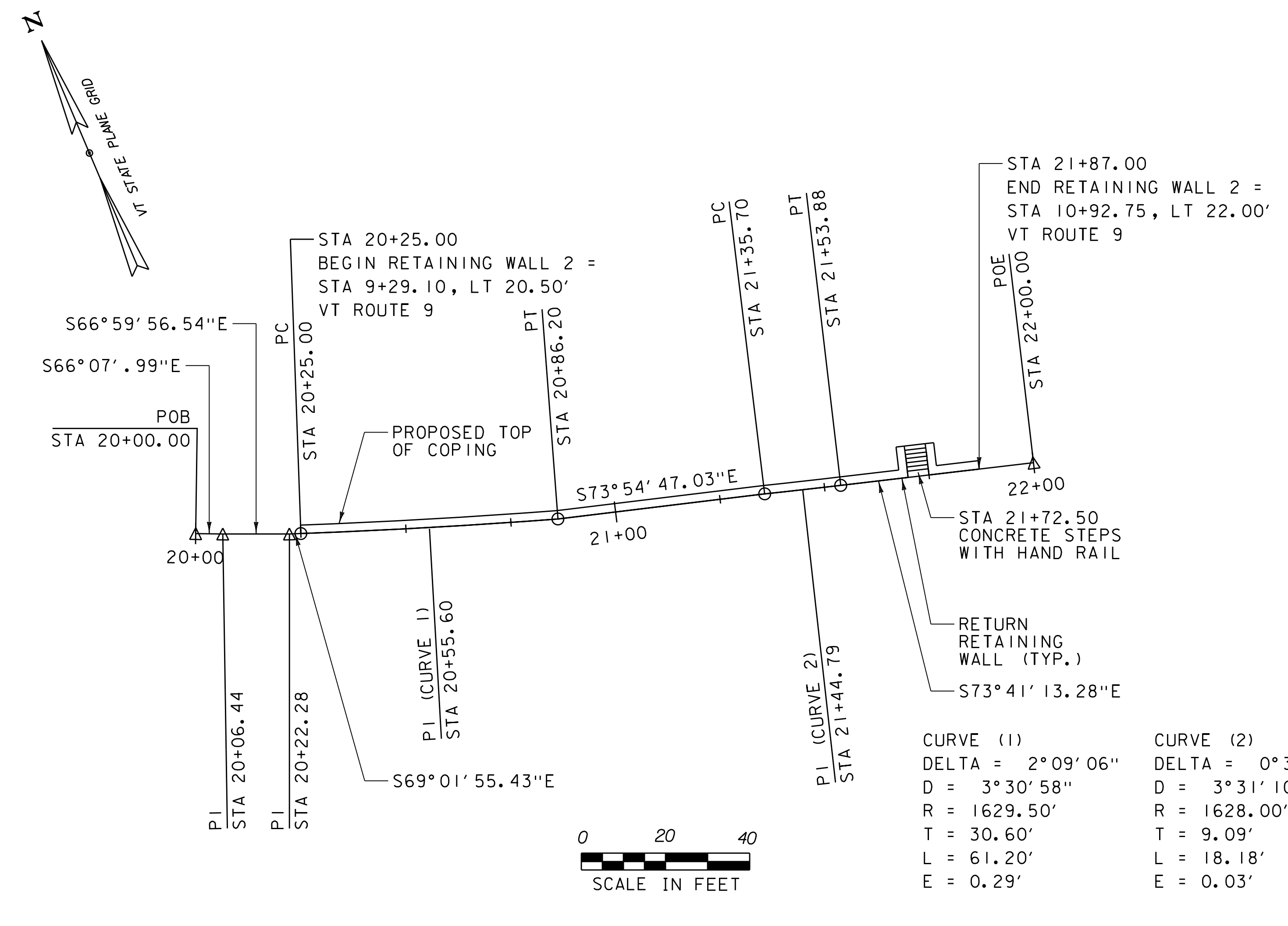


PROJECT NAME:	EAST MAIN STREET SIDEWALK	FILE NAME:	57923.Ret Wall1.dgn	PLOT DATE:	10/6/2025
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)	PROJECT LEADER:	E.P. DETRICK	DRAWN BY:	B.M. ROBERTS
		DESIGNED BY:	B.M. ROBERTS	CHECKED BY:	E.P. DETRICK
		RETAINING WALL I PLAN SHEET			SHEET 21 OF 40



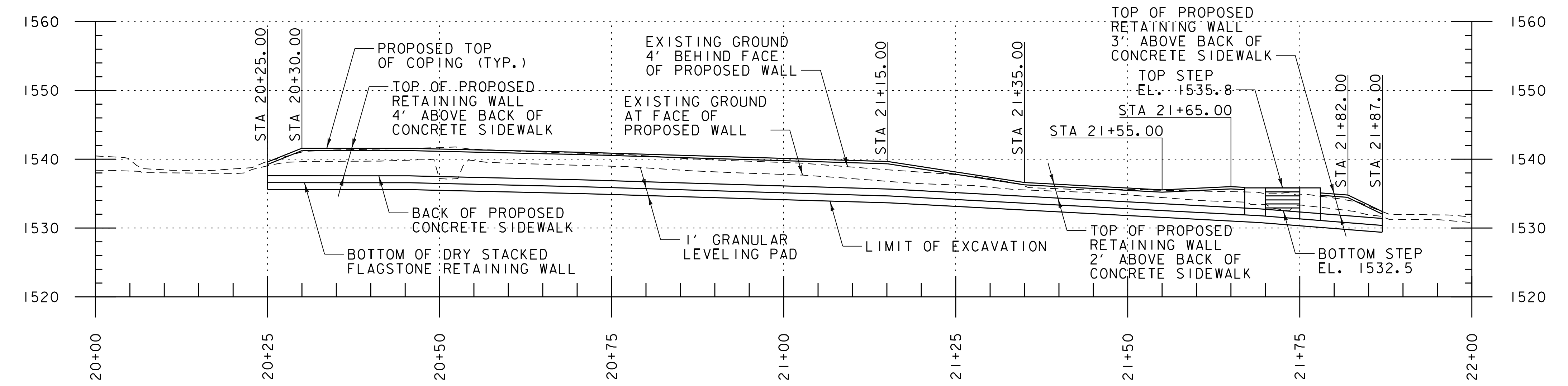
0 20 40  
SCALE IN FEET

LOCATION PLAN



PLAN VIEW

NOTE: RETAINING WALL ELEVATION IS DRAWN FACING LEFT OF THE CENTERLINE WITH DOWN STATION BEING TO THE LEFT AND UP STATION BEING TO THE RIGHT.



ELEVATION VIEW

0 40 80  
SCALE IN FEET



PROJECT NAME:	EAST MAIN STREET SIDEWALK	FILE NAME:	57923.Ret Wall 2.dgn	PLOT DATE:	10/6/2025
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)	PROJECT LEADER:	E.P. DETRICK	DRAWN BY:	B.M. ROBERTS
		DESIGNED BY:	B.M. ROBERTS	CHECKED BY:	E.P. DETRICK
		RETAINING WALL 2 PLAN SHEET			SHEET 22 OF 40



TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL IN ACCORDANCE WITH SECTION 105.6(C) IN THE STANDARD SPECIFICATIONS. ALL CHANGES TO THE TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE ENGINEER. MODIFICATIONS TO THE APPROVED TRAFFIC CONTROL PLAN FOR VEHICLES OR PEDESTRIANS SHALL BE SUBMITTED TO THE ENGINEER AT LEAST TWO WEEKS PRIOR TO THE IMPLEMENTATION OF THE CHANGE.
2. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL BE DEVELOPED IN ACCORDANCE WITH THESE PLANS, THE 2024 EDITION OF THE VTRANS STANDARD SPECIFICATIONS SECTION 641 - TRAFFIC CONTROL AND IN COMPLIANCE WITH THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ADDITIONAL TRAFFIC CONTROL DEVICES AND SIGNS MAY BE REQUIRED AND SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCIDENTAL TO CONTRACT ITEM 641.1100 "TRAFFIC CONTROL, ALL-INCLUSIVE". THE PLAN SHALL ACCOMMODATE VEHICLE TRAFFIC, PEDESTRIAN TRAFFIC, AND EMERGENCY SERVICES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL TEMPORARY SIGNS, PAVEMENT MARKINGS, CHANNELIZING DEVICES, ARROW PANELS, AND OTHER DEVICES REQUIRED TO PROVIDE COMPLETE MANAGEMENT OF TRAFFIC. ANY SIGNS NOT INCLUDED IN THE FHWA STANDARD HIGHWAY SIGNS BOOK SHALL INCLUDE SIGN FACE DIMENSIONS AND LAYOUT.
3. ACCESS TO NON-MUNICIPAL AND NON-COMMERCIAL PROPERTIES MAY BE RESTRICTED FOR LIMITED DURATIONS WITH PRIOR NOTIFICATION OF THE PROPERTY OWNER. CONTRACTOR SHALL COORDINATE ACCESS RESTRICTIONS WITH THE PROPERTY OWNERS AT LEAST 48 HOURS PRIOR TO START THE WORK IN THE AREA.
4. ALL CONSTRUCTION SHALL BE PERFORMED WHILE MAINTAINING AT LEAST ONE LANE OF TRAFFIC WITHIN THE WORK ZONE IN ACCORDANCE WITH THE 11TH EDITION MUTCD CHAPTER 6. RECOMMENDED TRAFFIC CONTROL SCHEMES ARE THOSE FOUND IN THE 11TH EDITION MUTCD TYPICAL APPLICATIONS TA-6, TA-10, AND TA-11. LANE CLOSURES WILL REQUIRE FLAGGERS OR TEMPORARY SIGNALS TO BE USED TO ASSIST TRAFFIC FLOW.
5. ACCOMMODATIONS SHOULD BE TAKEN TO ENSURE THAT OBSTACLES, EQUIPMENT, CONSTRUCTION MATERIALS, TRAFFIC CONTROL DEVICES, ETC. DO NOT ENCROACH INTO THE BICYCLE PATH OF TRAVEL. IT IS IMPORTANT THAT BICYCLE ROUTES ARE FREE OF RUTS, SAND AND MUD TO PREVENT BICYCLE CRASHES.
6. SPECIAL CARE MUST BE TAKEN TO PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES OR COORDINATE EMERGENCY ROUTES.
7. ACCOMMODATIONS FOR POSTAL DELIVERIES, NEWSPAPER ROUTES, TRASH SERVICES AND/OR OTHER DELIVERY SERVICES INTERRUPTED BY THE PROJECT OR DETOUR SHOULD BE COMMUNICATED WITH THE PROPER CONTACTS.

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES

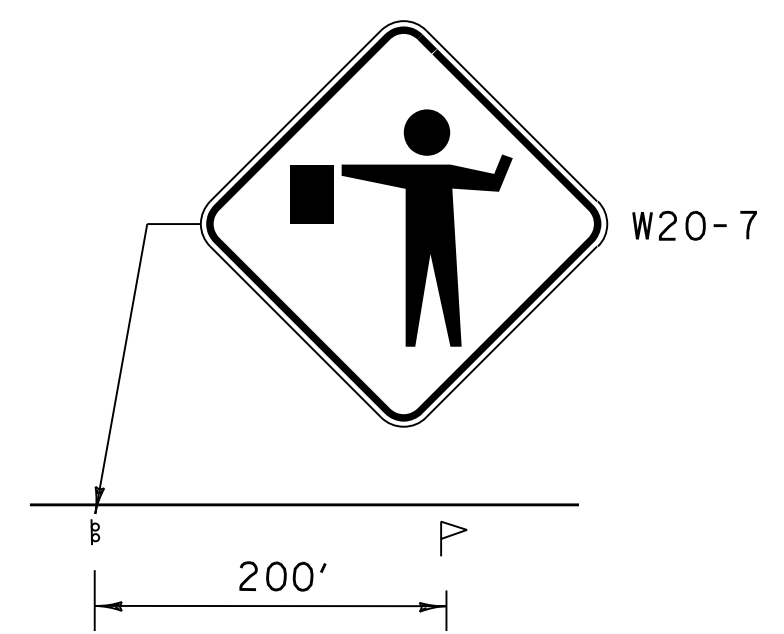
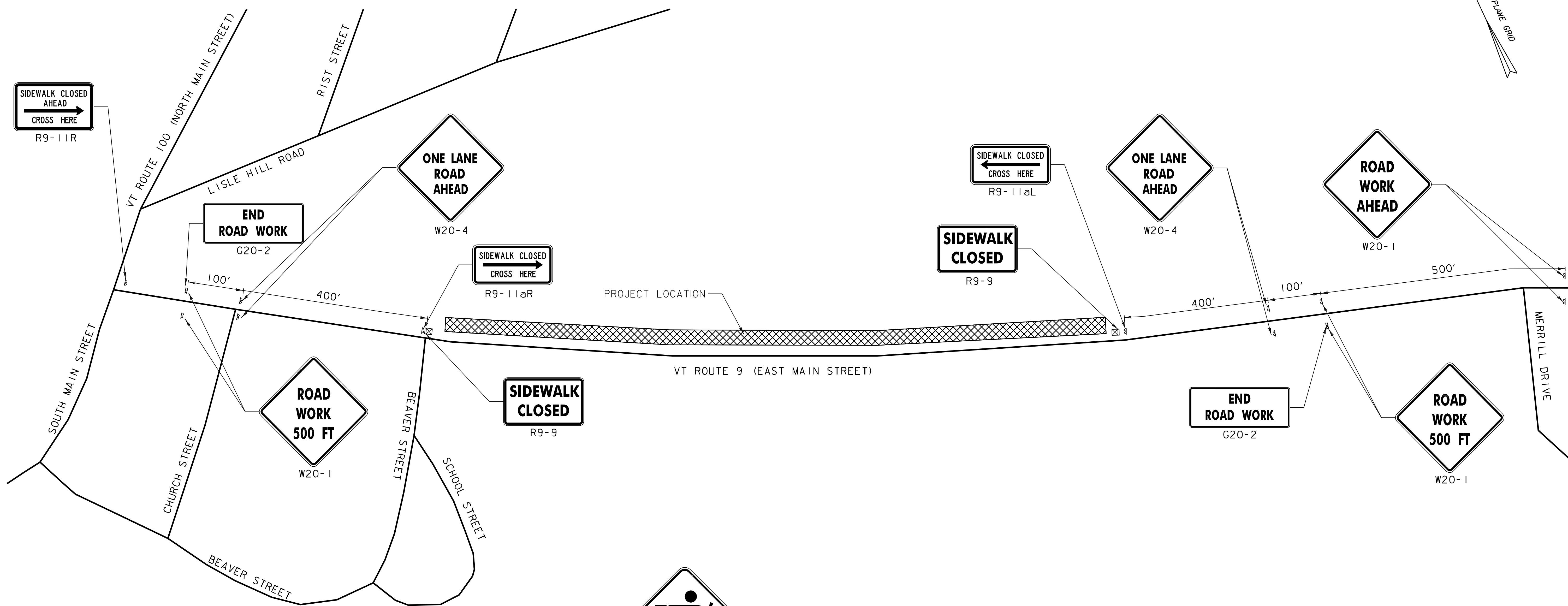
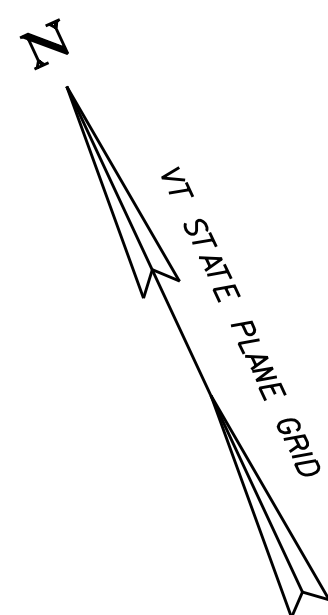
1. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) TRAFFIC CONTROL PLAN IN ACCORDANCE WITH SUBSECTION 105.06. PAYMENT SHALL BE UNDER 641.1200 "MAINTENANCE OF PEDESTRIAN TRAFFIC".
2. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART 6.
3. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. PEDESTRIAN ACCESS SHALL MEET ALL APPLICABLE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. POSITIVE GUIDANCE SHALL BE PROVIDED TO SEPARATE PEDESTRIAN ACCESS FROM THE WORK AREA AND VERTICAL GRADE CHANGES. ACCESS TO PROPERTIES MAY BE RESTRICTED FOR SHORT DURATIONS OF NOT MORE THAN TWO HOURS WITH THE PERMISSION AND PRIOR NOTIFICATION OF THE OWNER DURING BUSINESS HOURS. CONTRACTOR SHALL COORDINATE MAJOR WORK ADJACENT TO COMMERCIAL AND MUNICIPAL ACCESS AREAS WITH THE OWNER AND TOWN AT LEAST ONE WEEK PRIOR TO STARTING THE WORK IN THE AREA. ALL COSTS ASSOCIATED WITH COORDINATION AND MAINTAINING PEDESTRIAN ACCESS WILL BE CONSIDERED INCIDENTAL TO ITEM 641.1200 "MAINTENANCE OF PEDESTRIAN TRAFFIC".
4. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES, COMMERCIAL PROPERTIES AND TRANSIT STOPS. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
5. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE SIDEWALK CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
6. WHEN TEMPORARY CROSSWALKS ARE UTILIZED FOR THE TPAR, TEMPORARY DETECTABLE WARNINGS SHALL BE PLACED AT EACH END OF THE TEMPORARY CROSSWALKS. THE TEMPORARY CROSSWALK SHALL BE DELINEATED WITH TEMPORARY PAVEMENT MARKINGS OR TAPE. THE MARKINGS SHALL BE PARALLEL 12-INCH-WIDE WHITE LINES PLACED 7 FEET ON CENTER APART. IT SHOULD BE NOTED THAT CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 20 FEET IN ADVANCE OF MIDBLOCK CROSSWALKS. TEMPORARY CROSSWALK SIGNS SHALL BE PROVIDED FOR THE CROSSWALK.
7. IF THERE IS WORK OCCURRING OVER AN OPEN SIDEWALK, PROTECTIVE OVERHEAD COVERING MUST BE PROVIDED AS NECESSARY TO ENSURE PROTECTION FROM FALLING OBJECTS AND DRIPPING FROM OVERHEAD STRUCTURES. COVERED WALKWAYS SHOULD BE STURDILY CONSTRUCTED AND ADEQUATELY LIGHTED FOR NIGHTTIME USE.
8. INDIVIDUAL CHANNELIZING DEVICES, TAPE, OR ROPE USED TO CONNECT INDIVIDUAL DEVICES AND OTHER DISCONTINUOUS BARRIERS AND DEVICES, PAVEMENT MARKINGS ARE NOT DETECTABLE BY PERSONS WITH VISUAL DISABILITIES. THESE MEASURES DO NOT PROVIDE ACCEPTABLE PATH GUIDANCE ON TEMPORARY OR RE-ALIGNED SIDEWALKS OR OTHER PEDESTRIAN FACILITIES. PEDESTRIAN CHANNELIZING DEVICES SHALL INCLUDE A CONTINUOUSLY DETECTABLE BOTTOM AND TOP EDGE THROUGHOUT THE LENGTH OF THE FACILITY SUCH THAT IT CAN BE FOLLOWED BY PEDESTRIANS USING LONG CANES FOR GUIDANCE.

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES (CONTINUED)

9. CHANNELIZING DEVICES ON BOTH SIDES OF THE TPAR SHALL INCLUDE A CONTINUOUS SOLID TOP AND BOTTOM RAILS. THE TOP EDGE OF THE TOP RAIL SHALL BE BETWEEN 32 INCHES AND 38 INCHES ABOVE THE GROUND LEVEL. THE BOTTOM RAIL SHALL BE AT LEAST 6 INCHES WIDE, WITH THE BOTTOM EDGE OF THE BOTTOM RAIL SURFACE NO HIGHER THAN 2 INCHES ABOVE THE GROUND.
10. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE 11TH EDITION MUTCD SHALL BE USED.
11. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
12. PROVISION OF THE TPAR AND ALL ITS ELEMENTS, INCLUDING BUT NOT LIMITED TO SIGNS, CHANNELIZING DEVICES, BARRICADES, TEMPORARY CURB RAMPS, TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES IS TO BE PAID FOR INCIDENTAL TO TRAFFIC CONTROL (ITEM 641.1100).
13. IF THE TEMPORARY TRAFFIC PLAN AFFECTS THE MOVEMENT OF PEDESTRIANS, ADEQUATE PEDESTRIAN ACCESS AND WALKWAYS SHALL BE PROVIDED. IF THE TTC ZONE AFFECTS THE ACCESSIBLE AND DETECTABLE PEDESTRIAN FACILITY, THE ACCESSIBILITY AND THE DETECTABILITY SHALL BE MAINTAINED ALONG THE ALTERNATE PEDESTRIAN ROUTE.
14. THE CONTRACTOR SHALL REVIEW AND USE "THE BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE", AVAILABLE ON THE VTRANS WEBSITE, TO INCORPORATE THE APPLICABLE BICYCLE AND PEDESTRIAN TRAFFIC CONTROL INTO THEIR SITE-SPECIFIC TRAFFIC CONTROL PLAN FOR ALL STAGES OF CONSTRUCTION.
15. AS THE NEW SIDEWALK IS CONSTRUCTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLOSING OFF THE FULL WIDTH OF THE SIDEWALK DURING NON-WORKING HOURS AND UNTIL THE PROJECT IS COMPLETED TO PREVENT PEDESTRIANS AND BICYCLISTS FROM ENTERING THE WORK AREA.
16. WHEN EXISTING PEDESTRIAN FACILITIES (SIDEWALKS OR PATHWAYS) ARE DISRUPTED, CLOSED, OR RELOCATED IN A TTC ZONE, THE TEMPORARY FACILITIES SHALL BE DETECTABLE AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING FACILITY (11TH EDITION MUTCD PART 6 SECTION 6C.03 PARAGRAPH 04).

PROJECT NAME:	EAST MAIN STREET SIDEWALK
PROJECT NUMBER:	TAP TA 16(4) - STP BPI7(I3)
FILE NAME:	57923_TCP.dgn
PROJECT LEADER:	E.P. DETRICK
DESIGNED BY:	B.M. ROBERTS
TRAFFIC CONTROL NARRATIVE:	
PLOT DATE:	10/6/2025
DRAWN BY:	B.M. ROBERTS
CHECKED BY:	E.P. DETRICK
SHEET	24 OF 40





P = FLAGGER

ADDITIONAL SIGNAGE WHEN FLAGGERS ARE ACTIVELY WORKING

NOTE: R9-9 SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES

CONSTRUCTION APPROACH SIGNAGE  
NOT TO SCALE



PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923_TCP.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CONSTRUCTION APPROACH SIGNING SHEET	SHEET 25 OF 40

VAOT LAWN				
WEIGHT	NAME	LATIN NAME	GERM	PURITY
42.5%	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	85%	98%
20.0%	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%				

SEED RATE: BROADCAST: 75 LBS/ACRE  
HYDROSEED: PER MANUFACTURER'S RECOMMENDATIONS

*APPLY AMENDMENTS PER SOIL TEST RESULTS*

FERTILIZER (755.06):  
IF NO SOIL TEST IS PERFORMED, A SLOW OR CONTROLLED RELEASE FERTILIZER SHALL BE APPLIED AT A RATIO OF 1:1:1 (N:P:K). NITROGEN AND PHOSPHORUS SHALL BE APPLIED AT NO MORE THAN 1 LB. PER 1,000 SQ. FT.

LIMESTONE (755.08 & 755.09):  
IF NO SOIL TEST IS PERFORMED, APPLY LIMESTONE PER MANUFACTURER'S RECOMMENDATIONS.

COMPOST (755.05):  
COMPOST MAY BE APPLIED PER SOIL TEST RESULTS.

#### CONSTRUCTION GUIDANCE

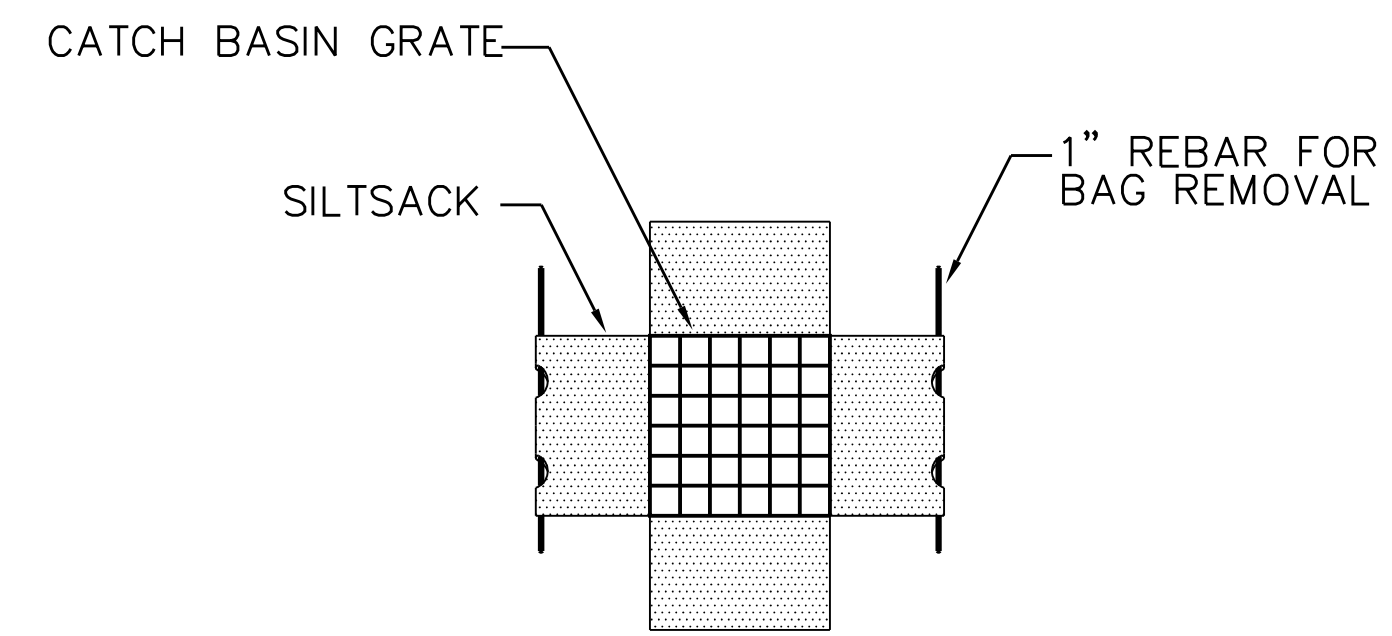
1. THIS SEED MIX SHALL BE USED IN AREAS THAT WILL BE MANAGED AS TRADITIONAL LAWNS, RECEIVING FREQUENT MOWING.
2. THIS SEED MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
3. USE SEED MIX ONLY AS INDICATED IN THE PLANS. IF THE PLANS DO NOT SPECIFY A SEED TYPE, NATURALIZED AREA TYPE I OR TYPE II SHALL BE USED.
4. SEED MIX SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
5. HAY MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE. ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. FERTILIZER SHOULD NOT BE APPLIED WITHIN 2 WEEKS OF APPLYING LIMESTONE.
7. FOR BEST ESTABLISHMENT, REAPPLY FERTILIZER 2-3 WEEKS AFTER GERMINATION.

#### TURF ESTABLISHMENT

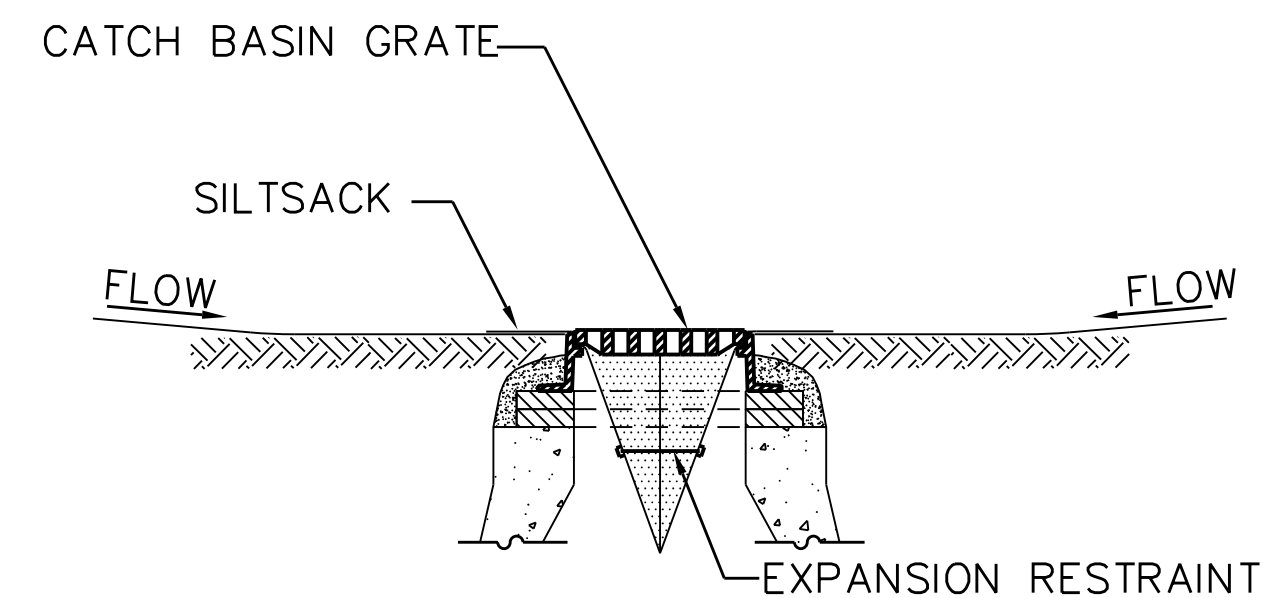
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1500 TURF ESTABLISHMENT, GENERAL SEED)

#### REVISIONS

JANUARY 12, 2015	WHF
JUNE 15, 2023	BKD



**PLAN VIEW**



**SECTION VIEW**

INLET PROTECTION DEVICE, TYPE II  
N.T.S.

#### NOTES:

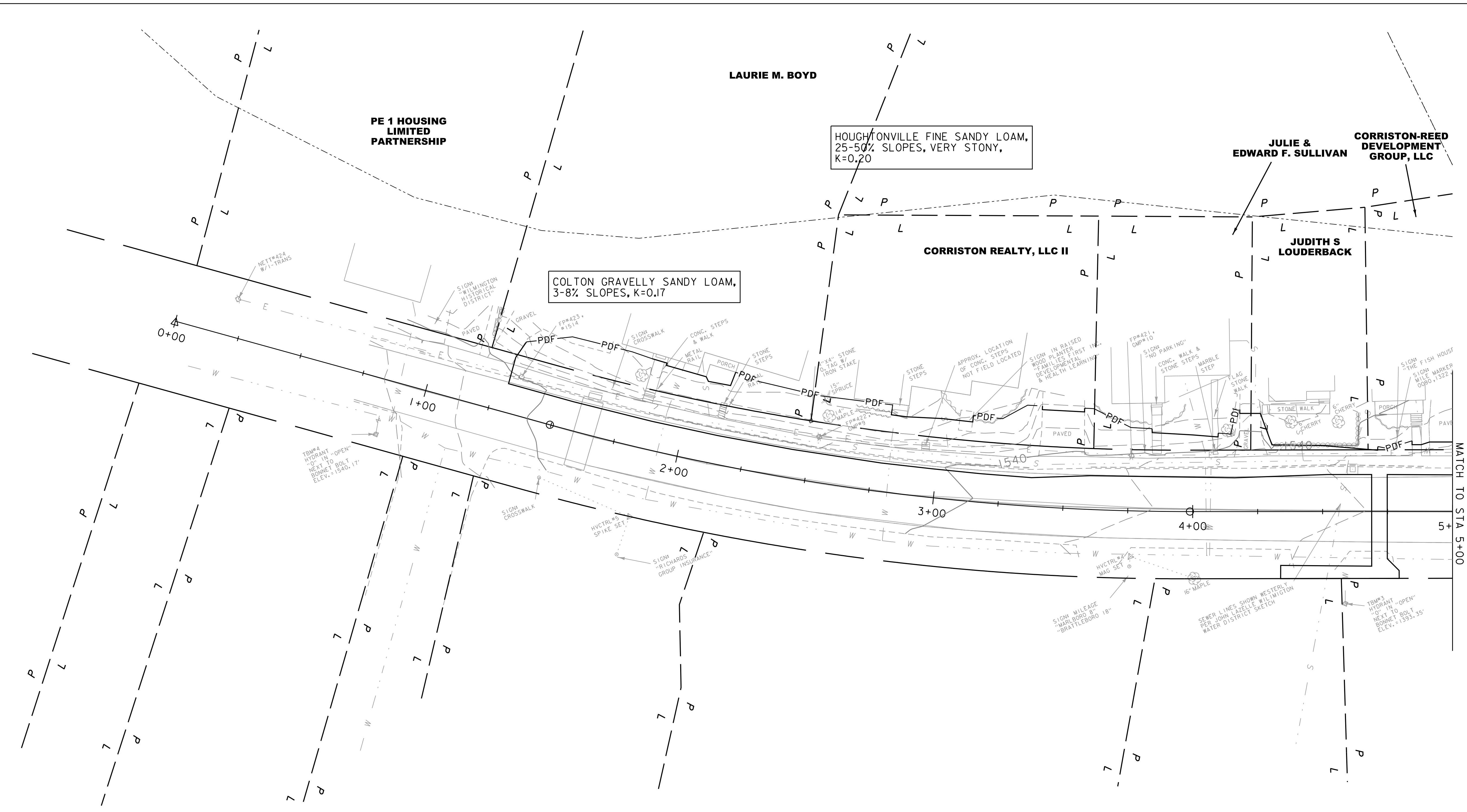
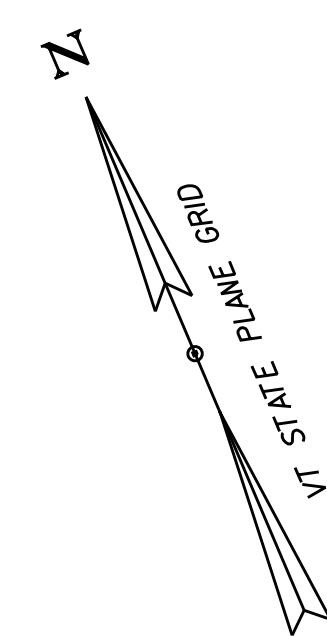
1. INSTALL FILTER FABRIC IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND ANY PREVIOUS INLET PROTECTION HAS BEEN REMOVED, IF ANY.
2. GRATE TO BE PLACED OVER SILTSACK.
3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED



PROJECT NAME: EAST MAIN STREET SIDEWALK  
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)

FILE NAME: 57923.epsc.det.dgn  
PROJECT LEADER: E.P. DETRICK  
DESIGNED BY: VTRANS  
EPSC DETAILS SHEET

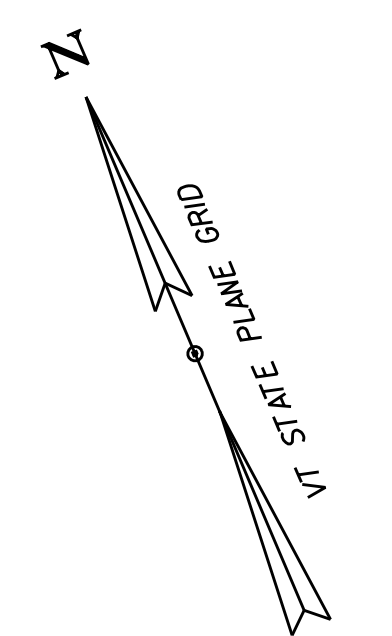
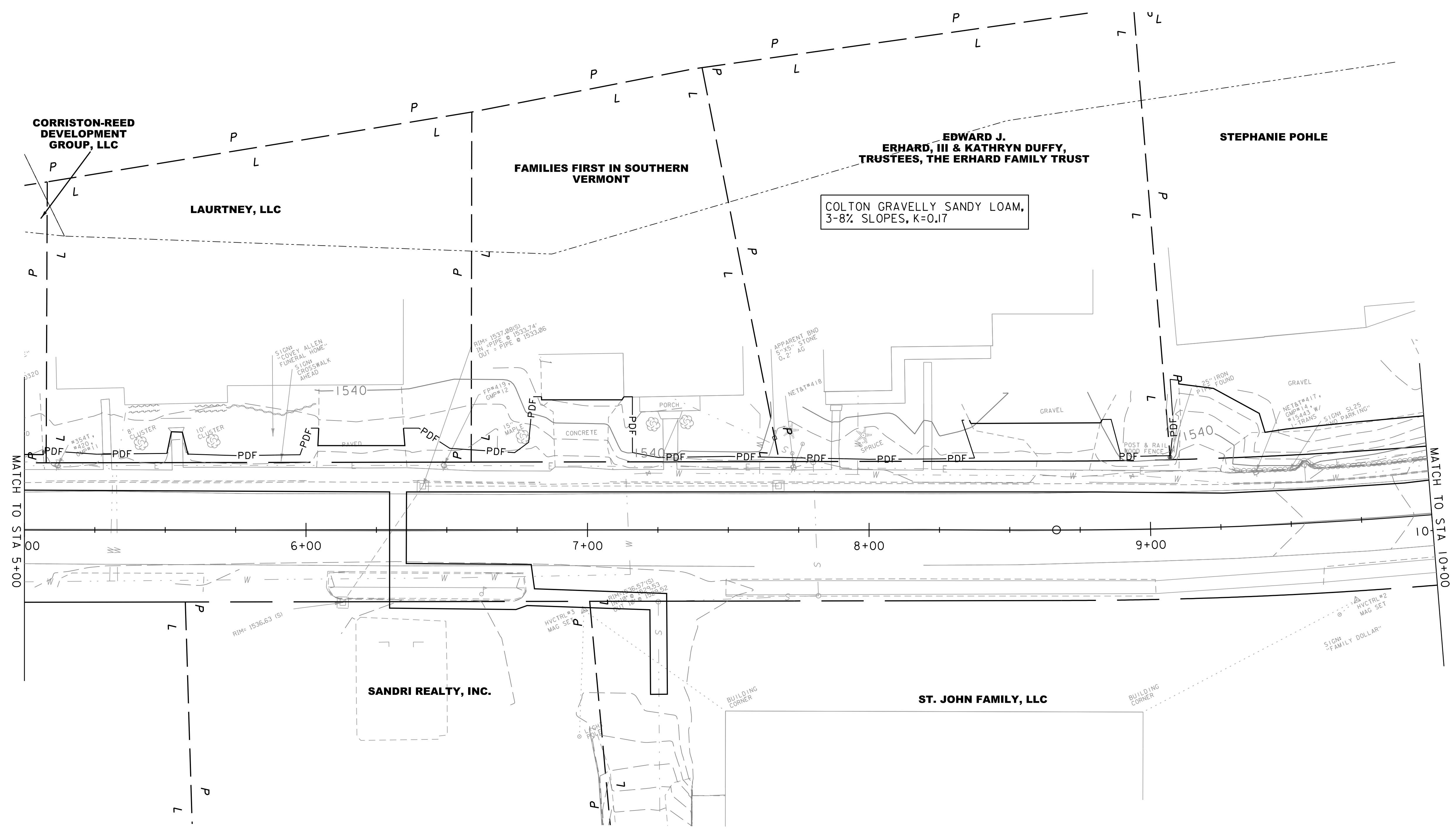
PLOT DATE: 10/6/2025  
DRAWN BY: B.M. ROBERTS  
CHECKED BY: E.P. DETRICK  
SHEET 26 OF 40



TOTAL DISTURBANCE:  
0.59 AC



PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_EPSC_ex.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
EPSC EXISTING CONDITIONS (SHEET 1 OF 3)	SHEET 27 OF 40

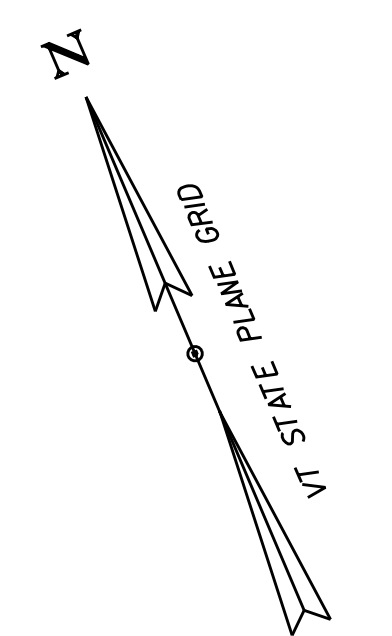
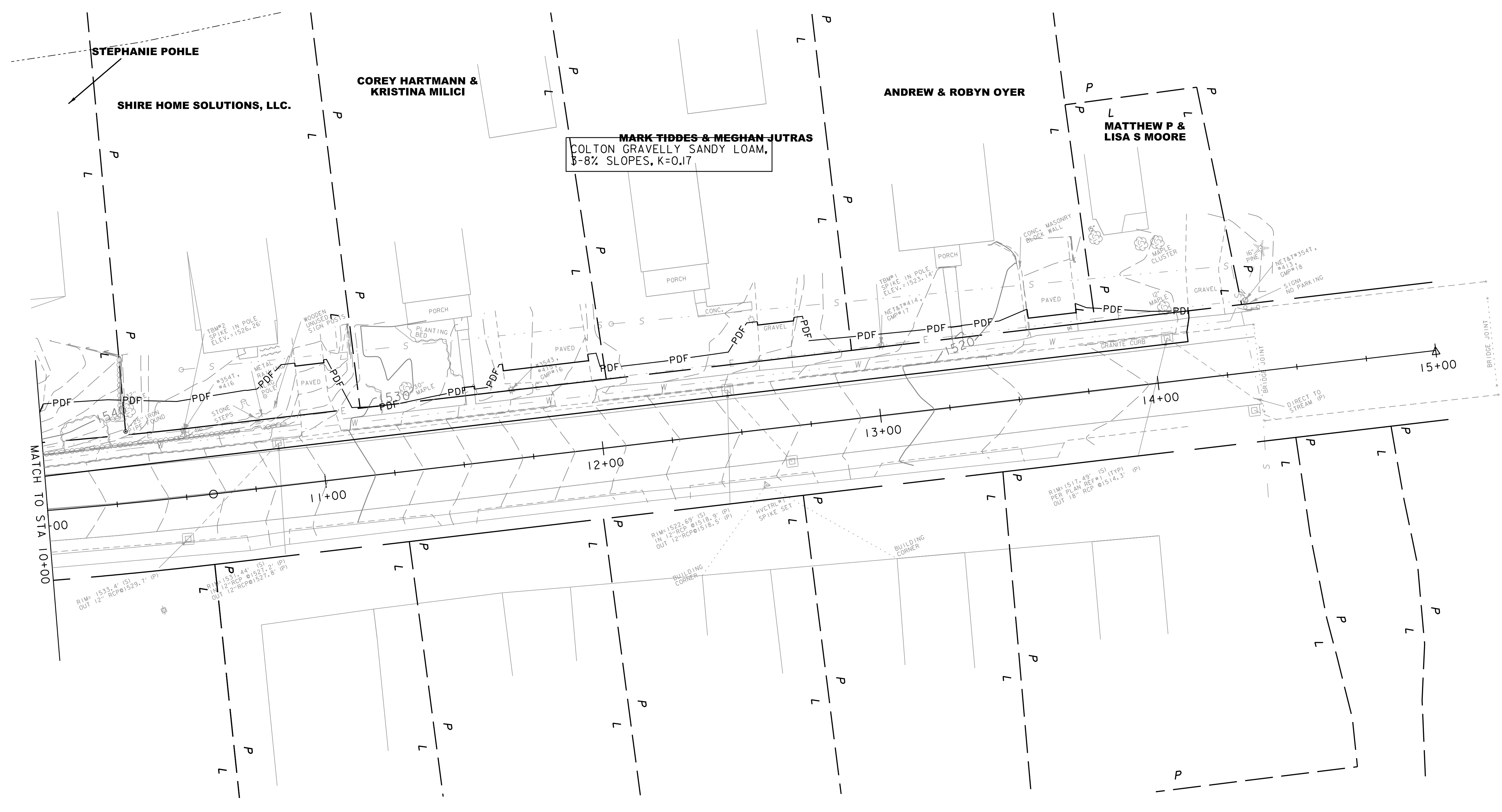


COLTON GRAVELLY SANDY LOAM,  
3-8% SLOPES, K=0.17

TOTAL DISTURBANCE:  
0.59 AC



PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_EPSC_ex.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
EPSC EXISTING CONDITIONS (SHEET 2 OF 3)	SHEET 28 OF 40



STEPHANIE POHLE  
SHIRE HOME SOLUTIONS, LLC.

COREY HARTMANN &  
KRISTINA MILICI

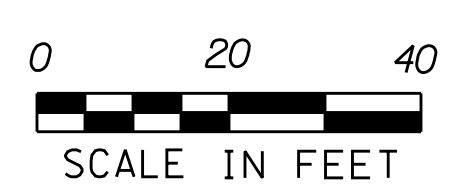
ANDREW & ROBYN OYER

MATTHEW P &  
LISA S MOORE

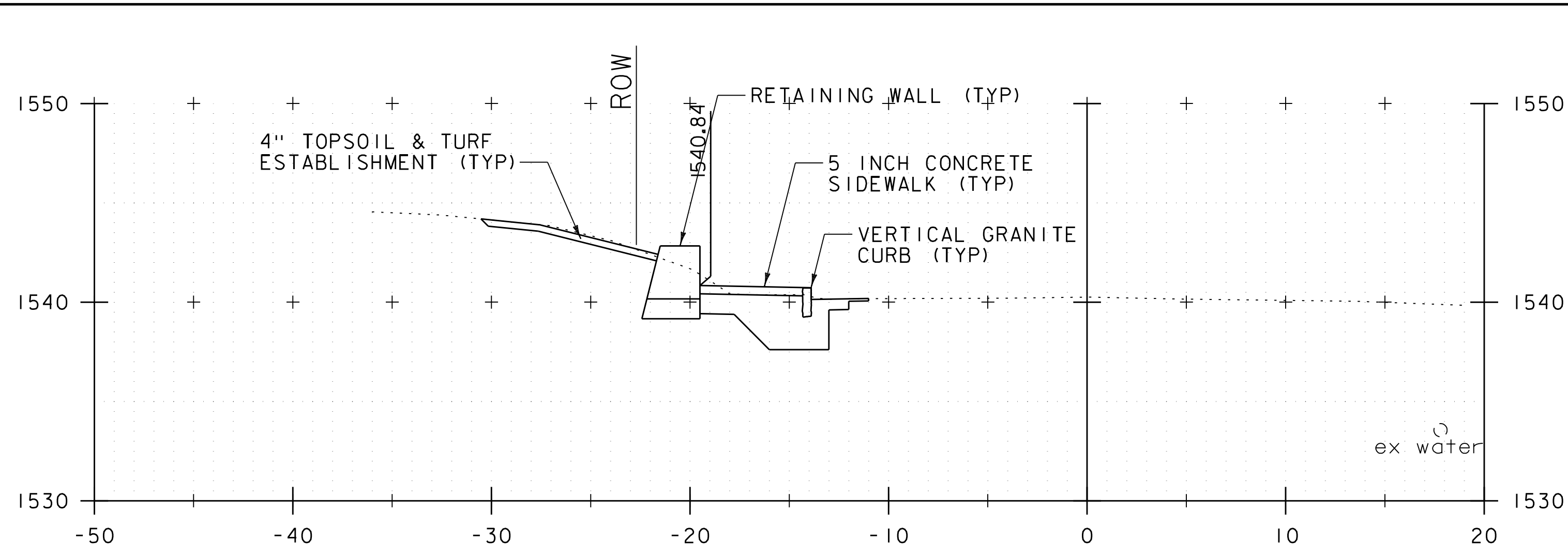
MARK TIBBES & MEGHAN JUTRAS  
COLTON GRAVELLY SANDY LOAM,  
3-8% SLOPES, K=0.17

MATCH TO STA 10+00

TOTAL DISTURBANCE:  
0.59 AC

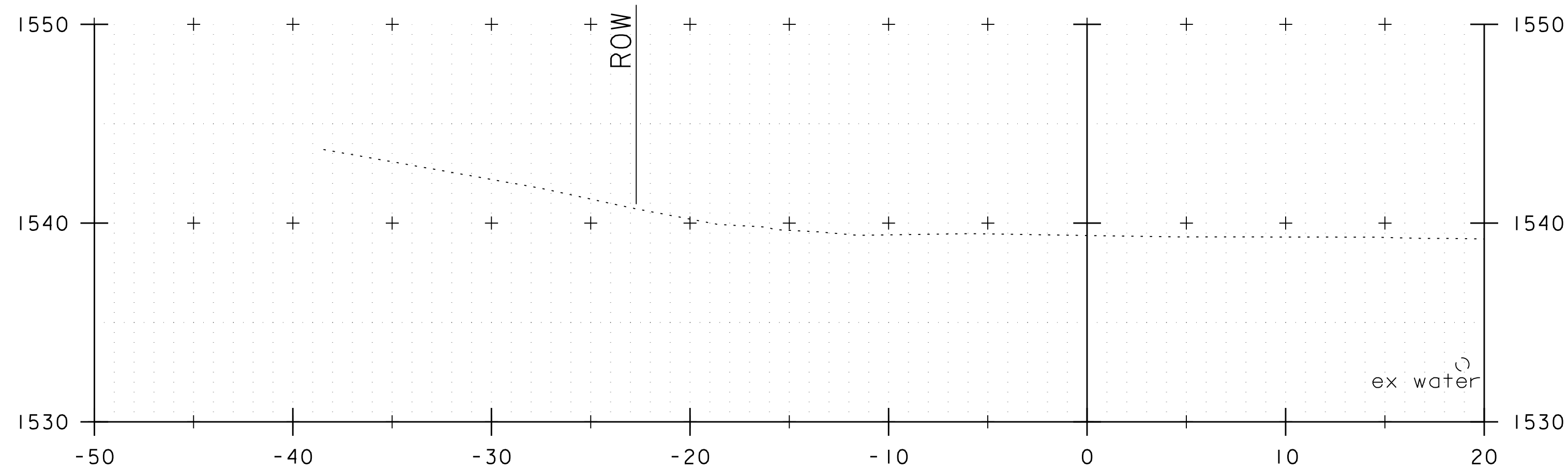


PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923bdr_EPSC.ex.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: C.K. FORD
DESIGNED BY: C.K. FORD	CHECKED BY: E.P. DETRICK
EPSC EXISTING CONDITIONS (SHEET 3 OF 3)	SHEET 29 OF 40

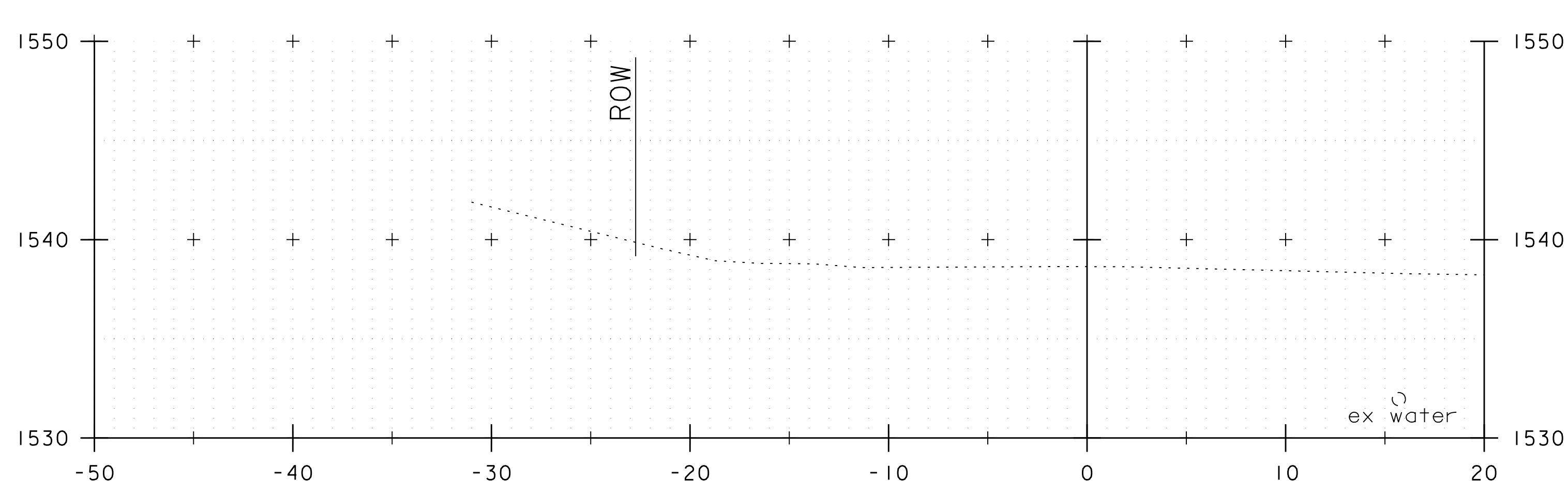


STA. 1+30.00  
 BEGIN PROJECT  
 TAP TA 16(4) - STP BP17(13)

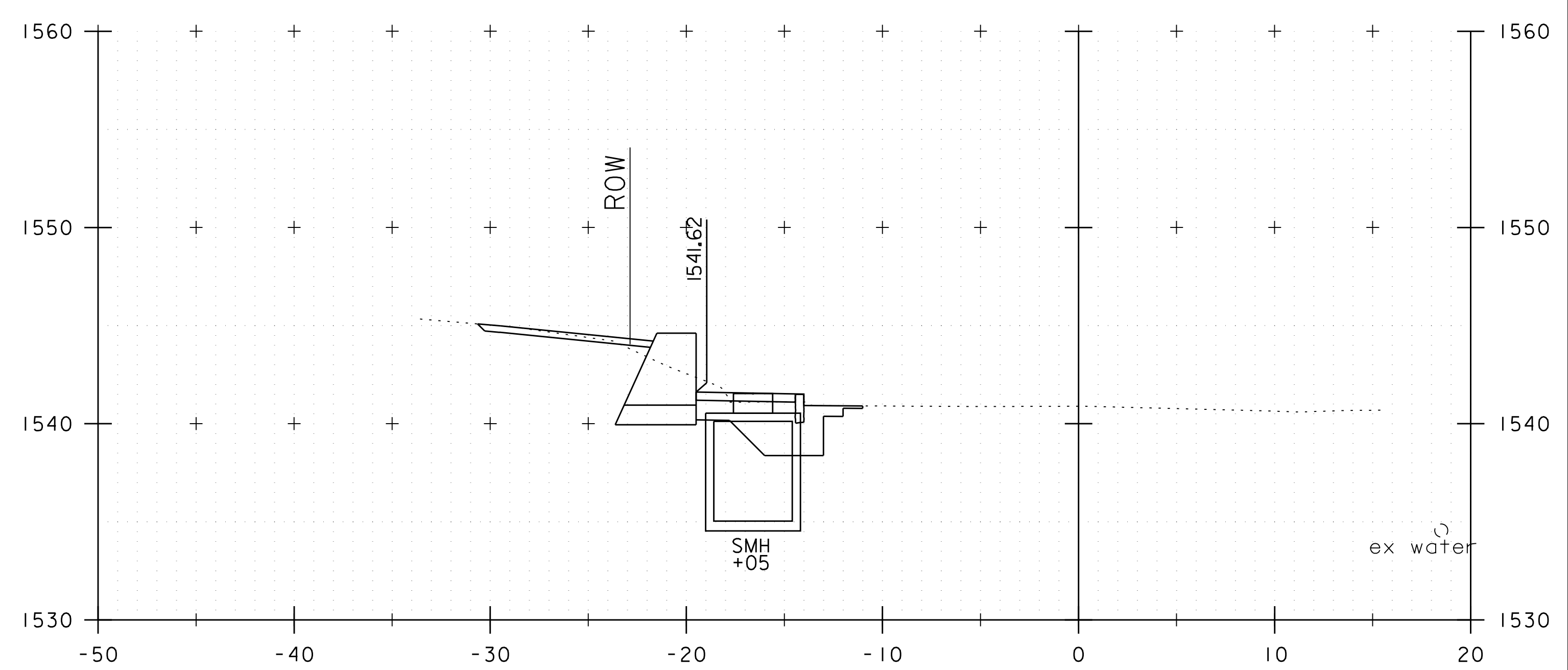
1+50



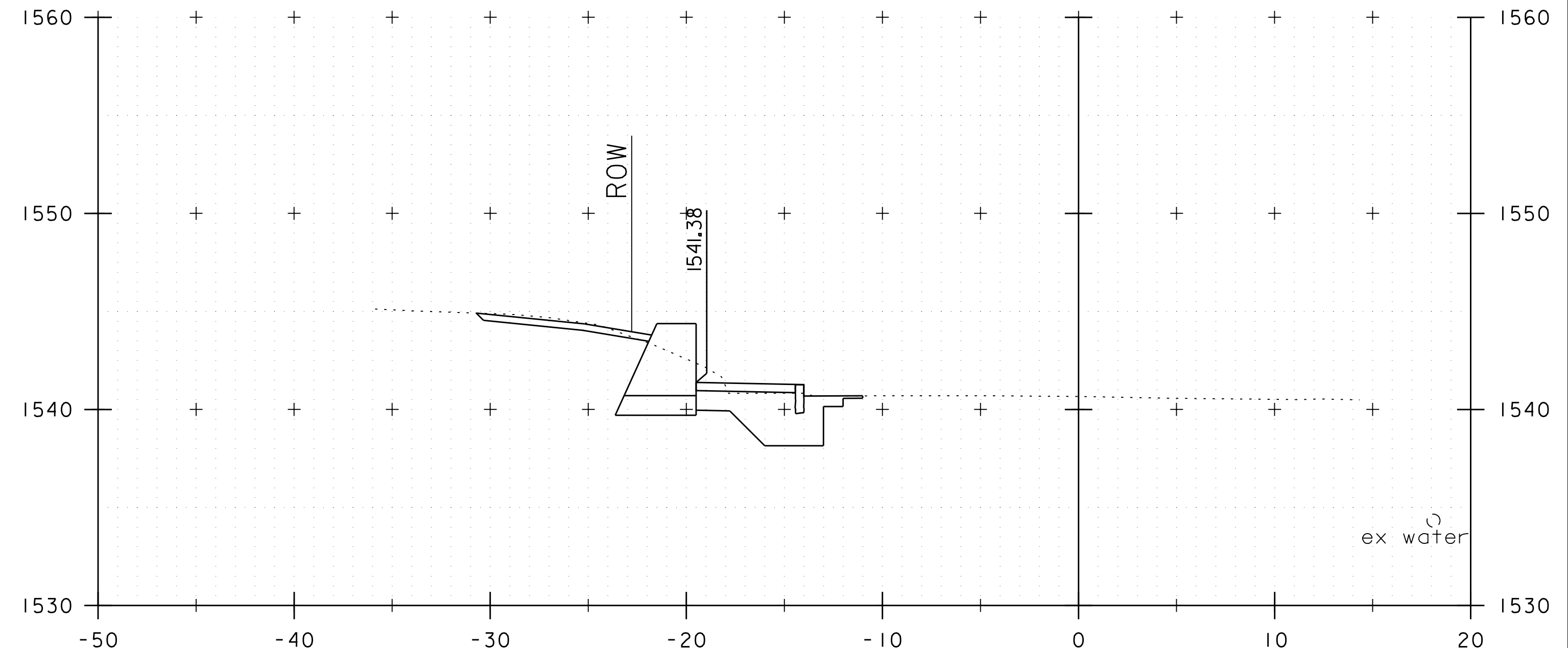
1+25



1+00



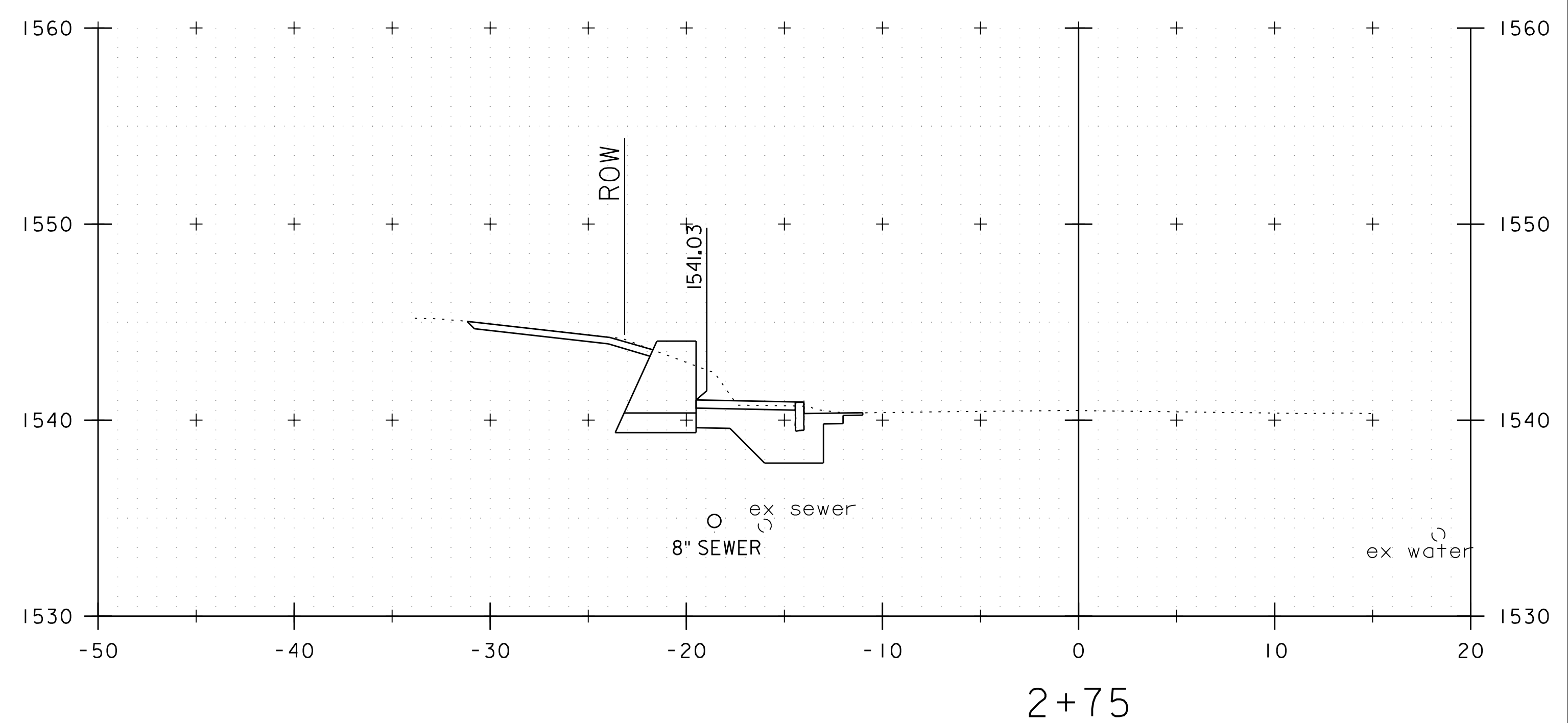
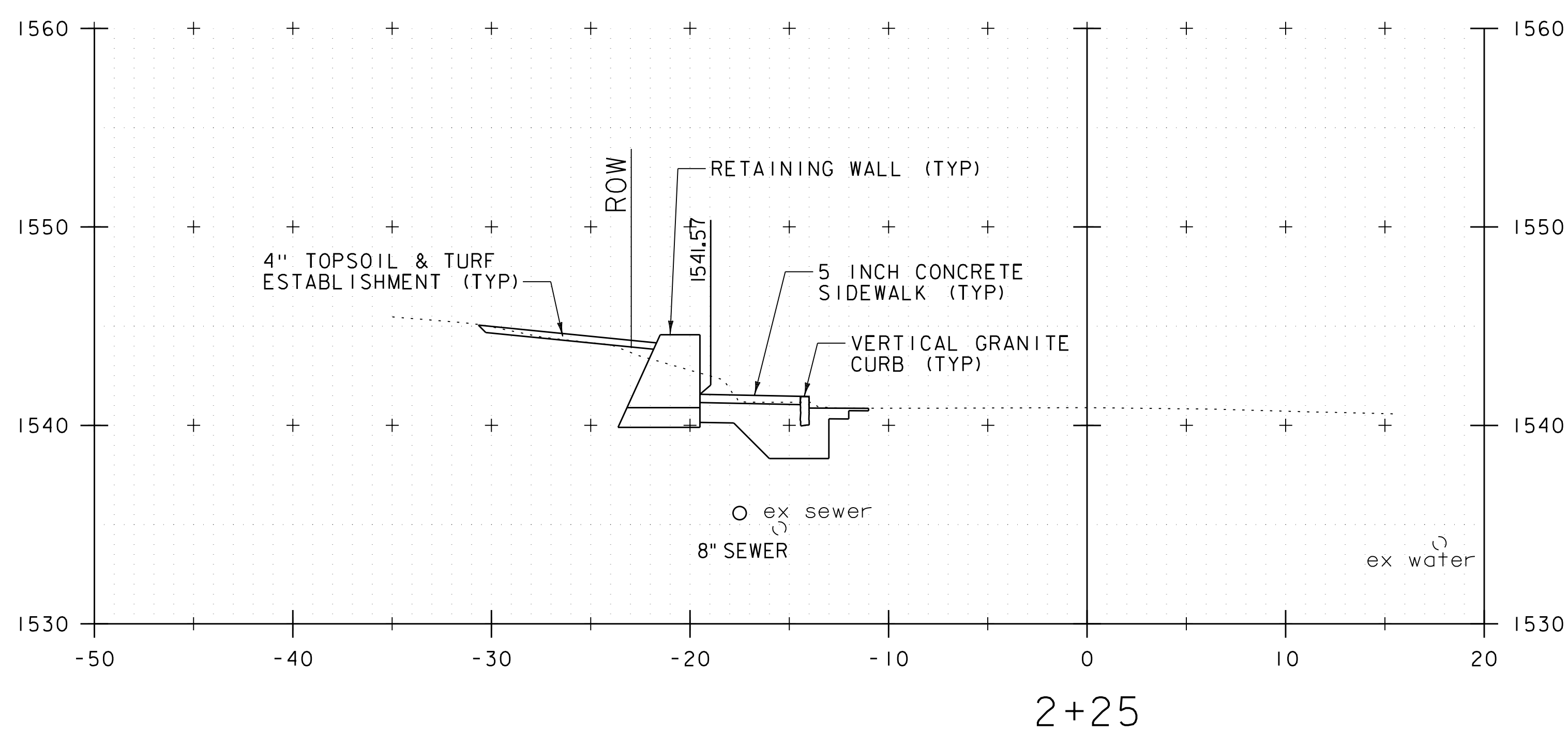
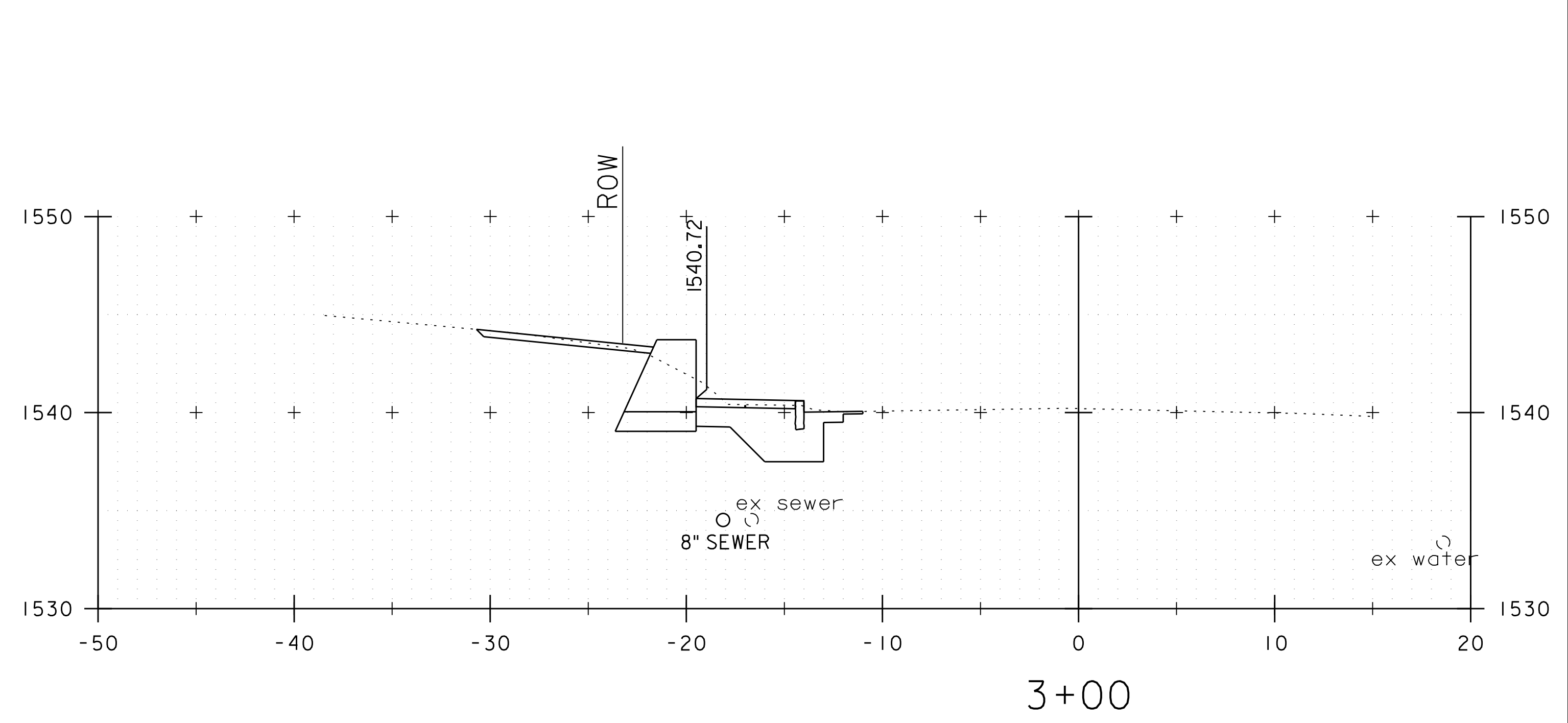
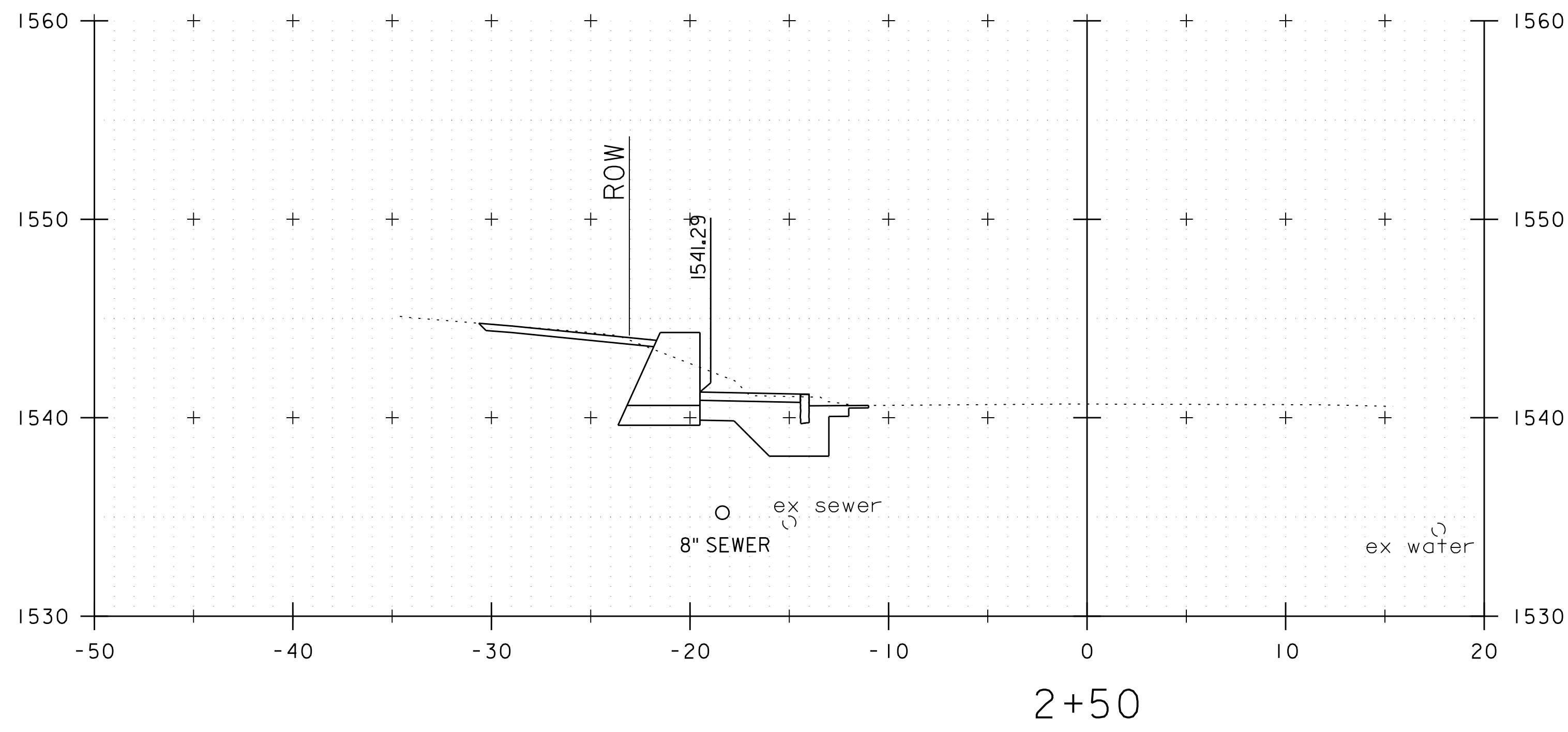
2+00



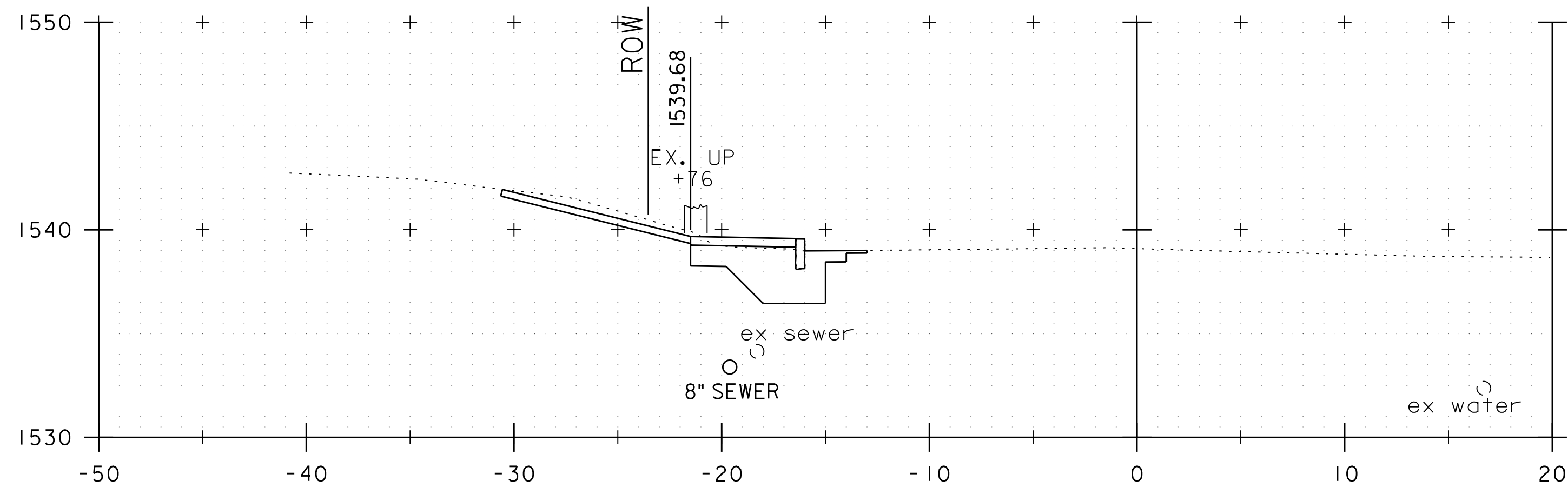
1+75



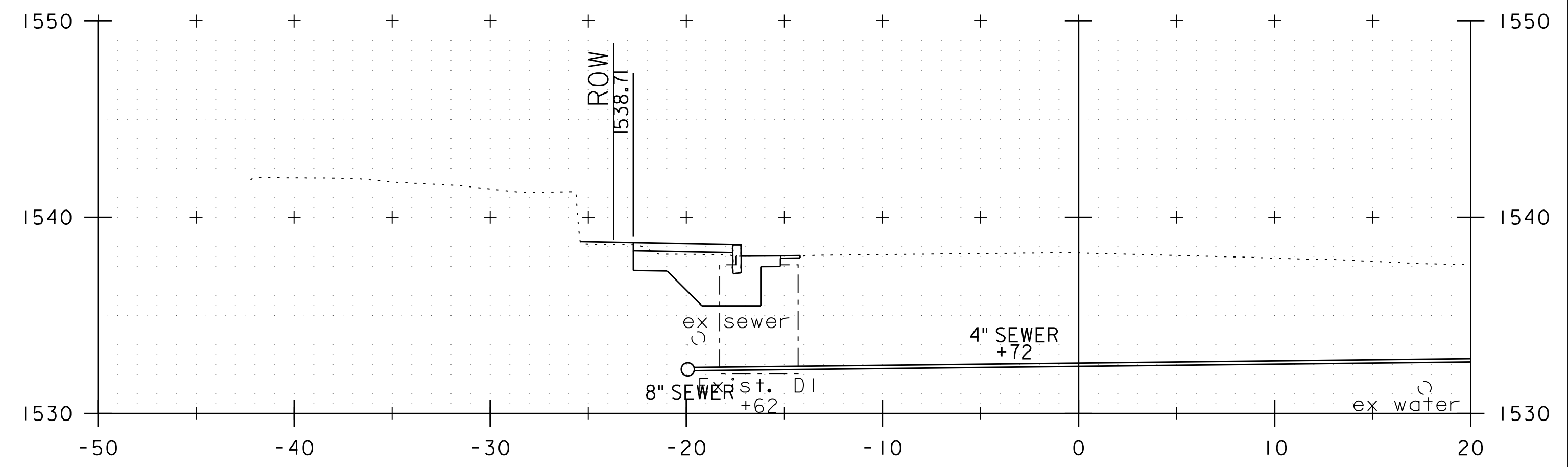
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BP17(13)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 1	SHEET 30 OF 40



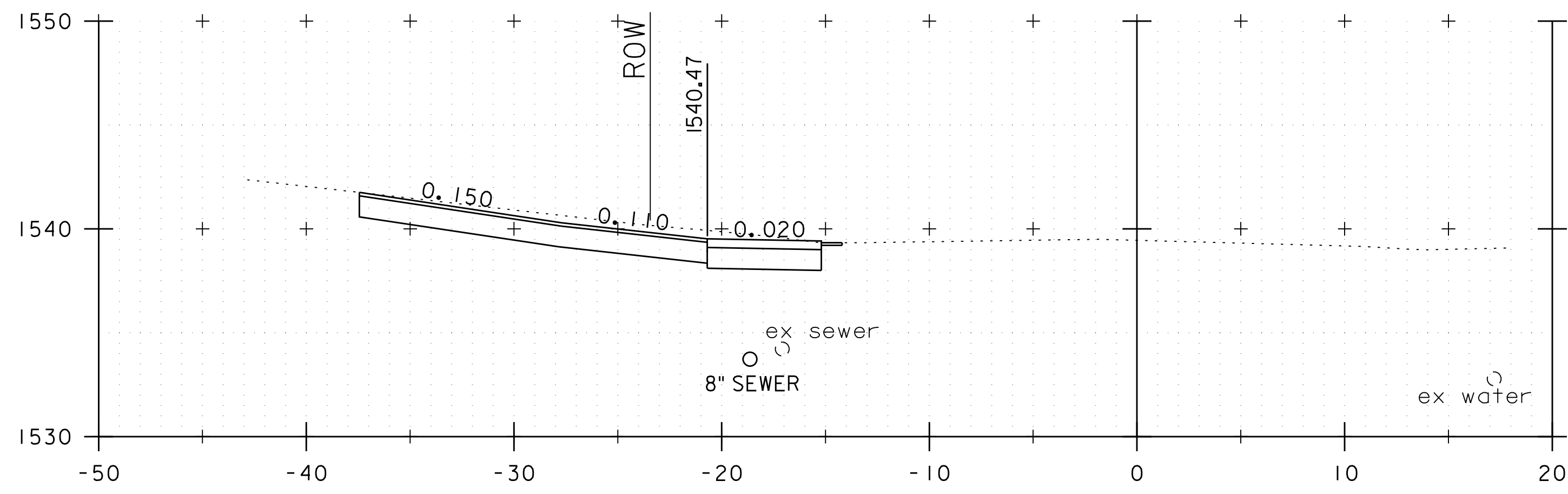
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 2	SHEET 31 OF 40



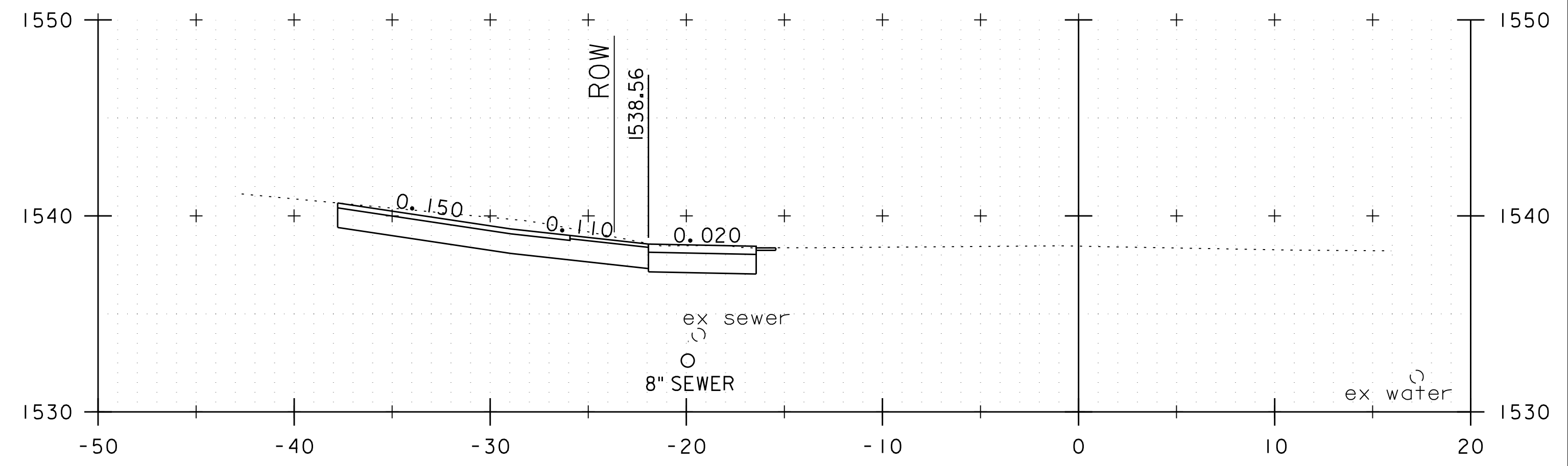
3+75



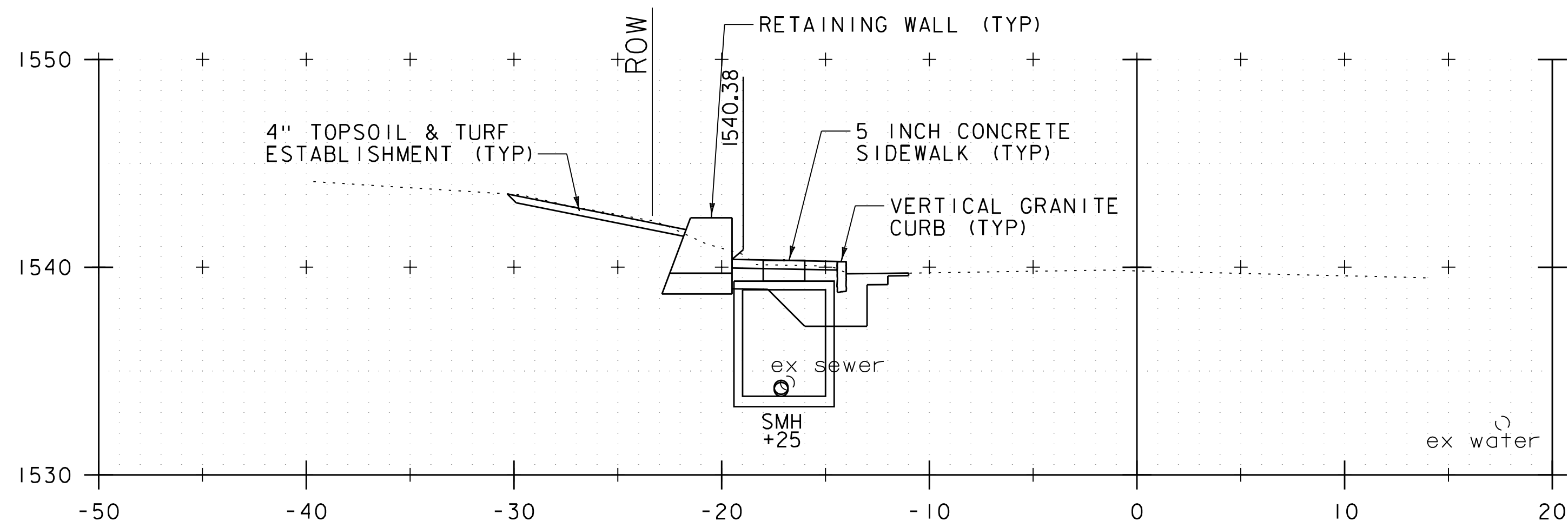
4+50



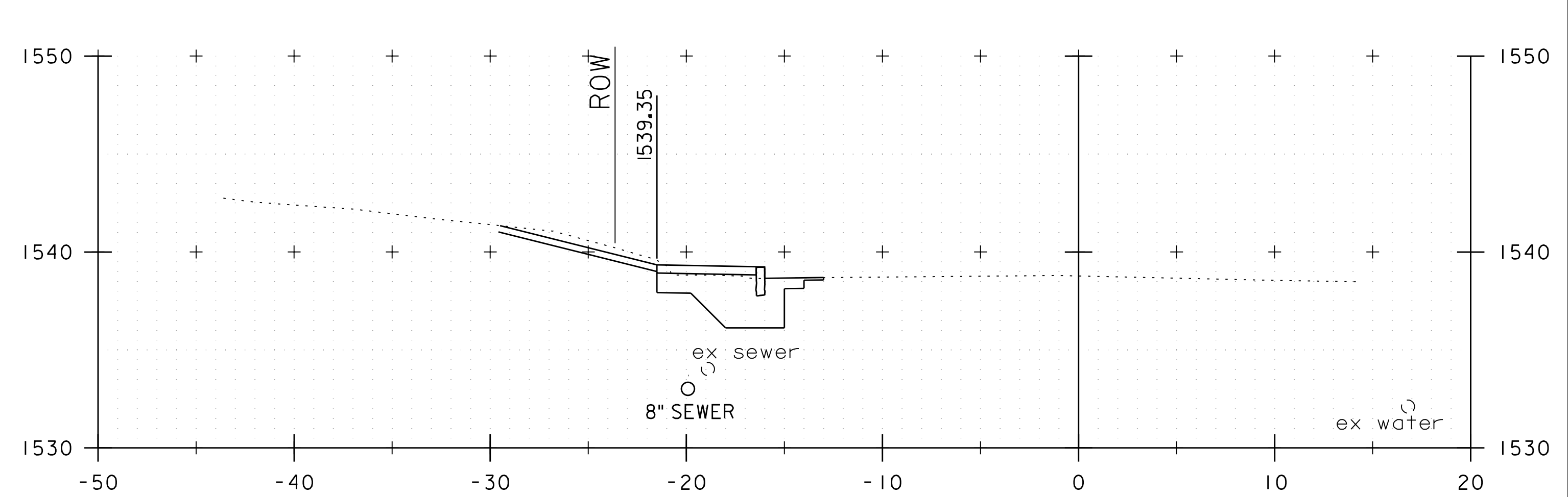
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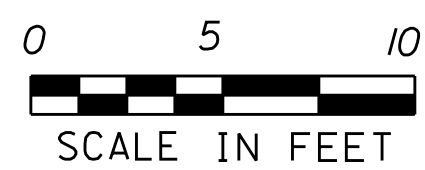
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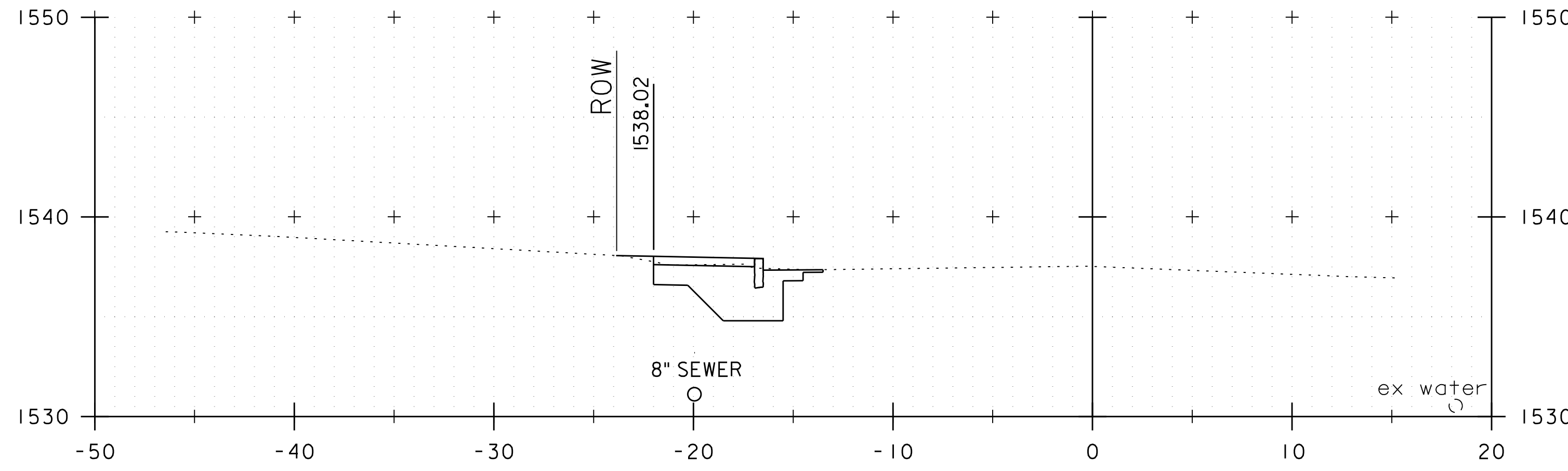
3+25



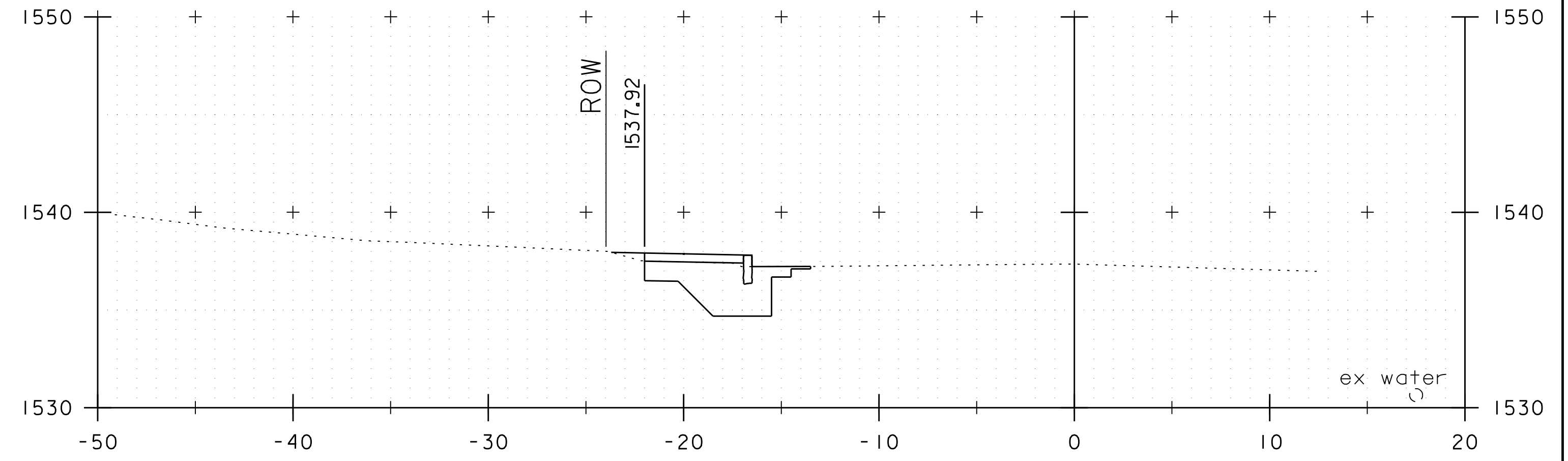
4+00



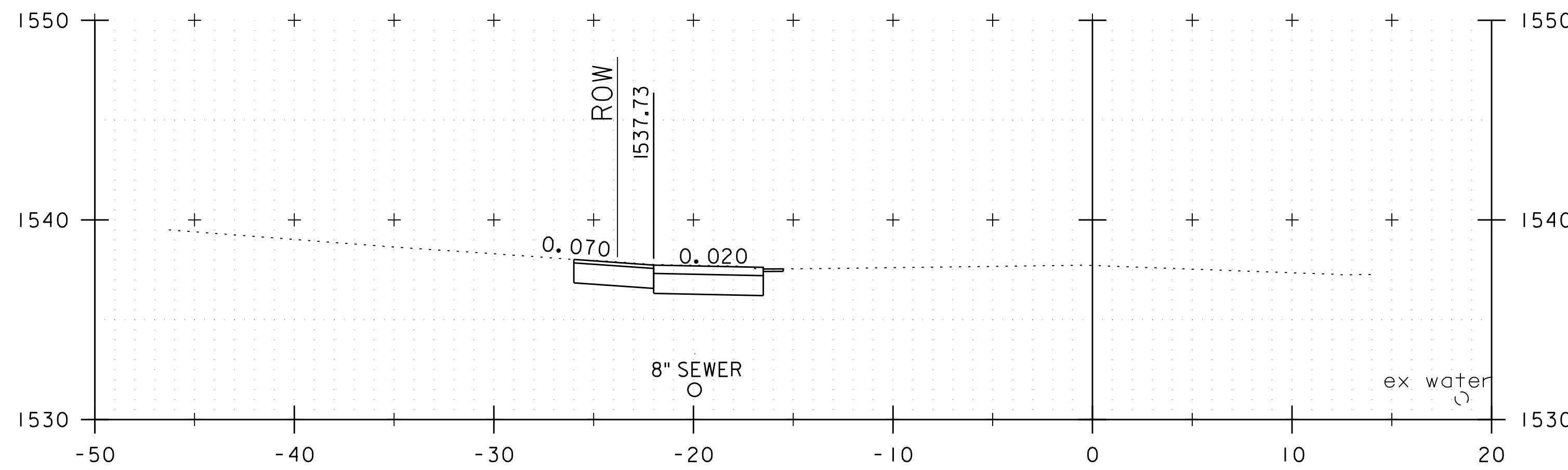
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 3	SHEET 32 OF 40



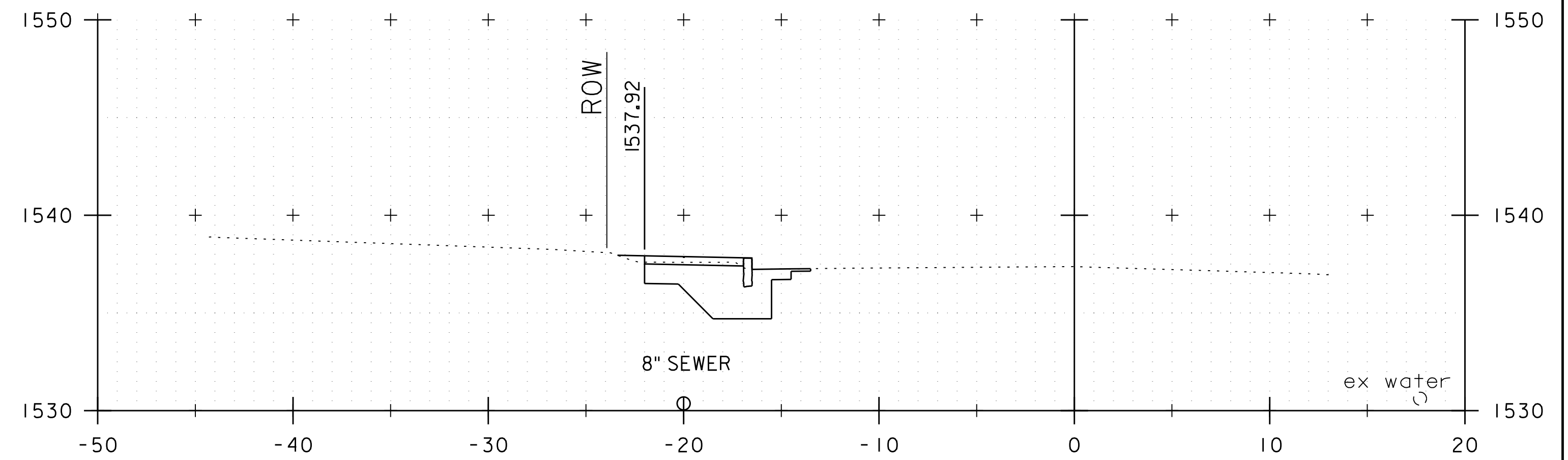
5+25



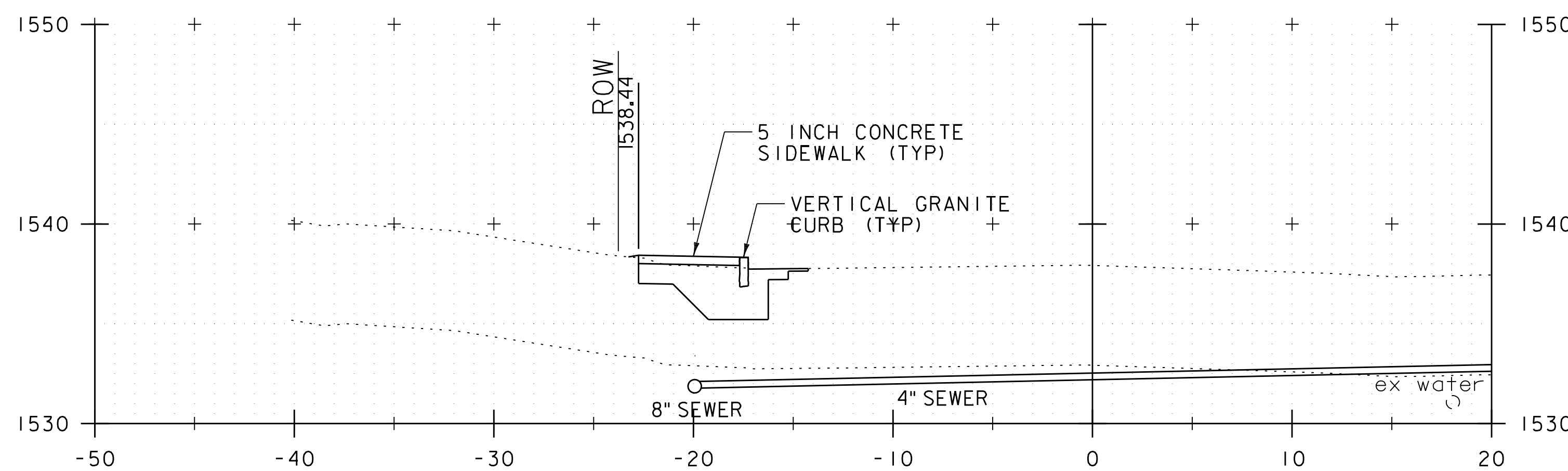
6+00



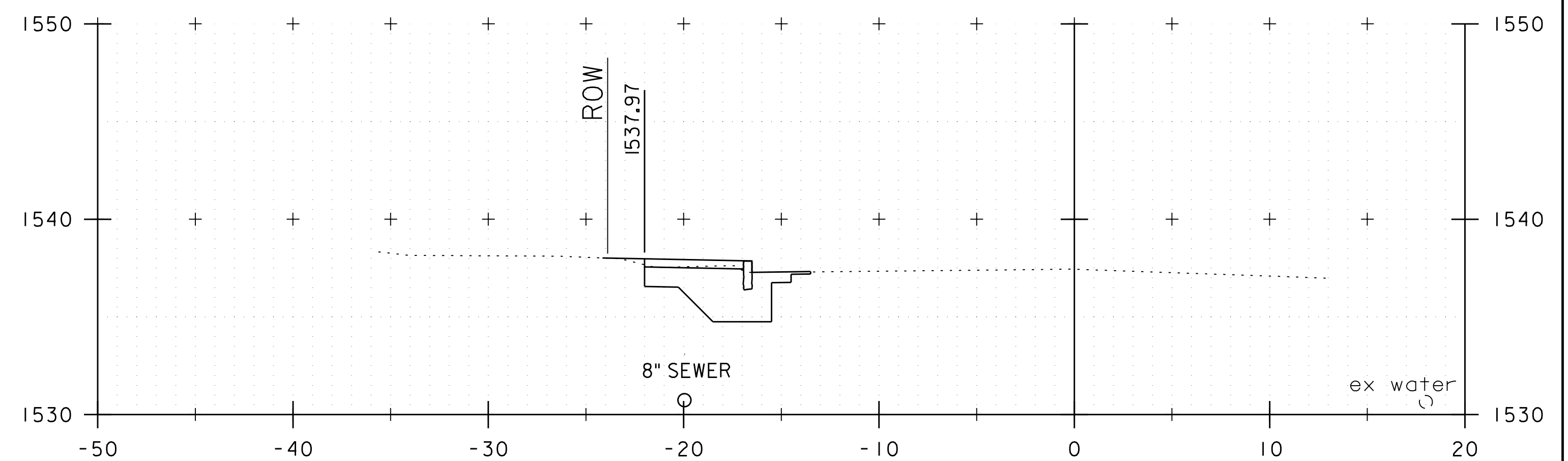
5+00



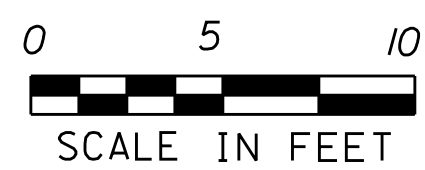
5+75



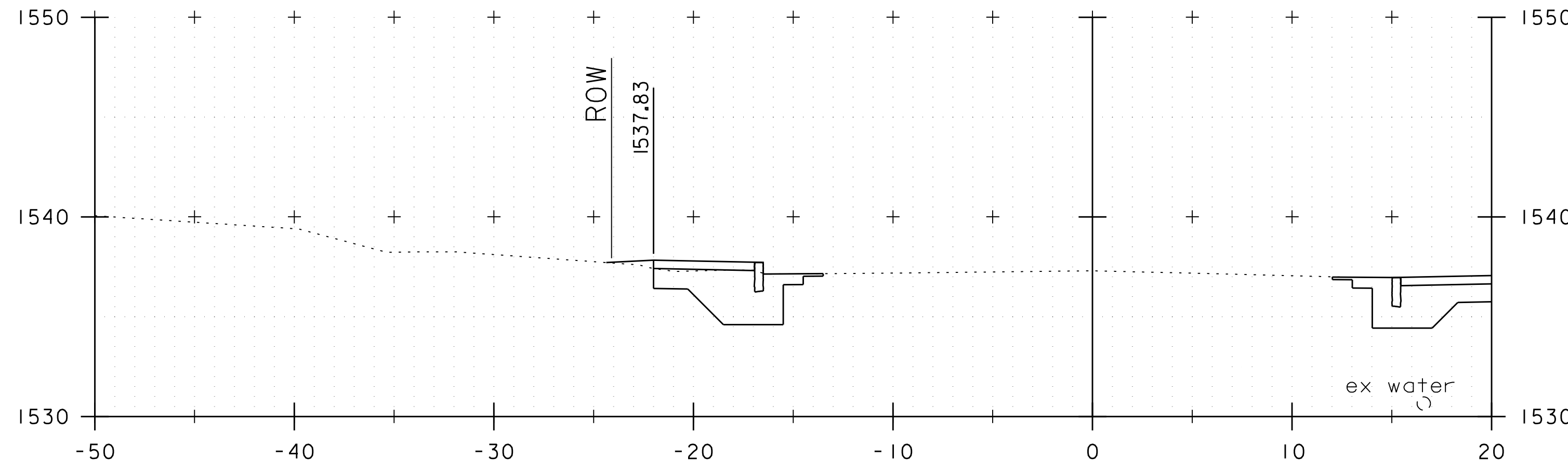
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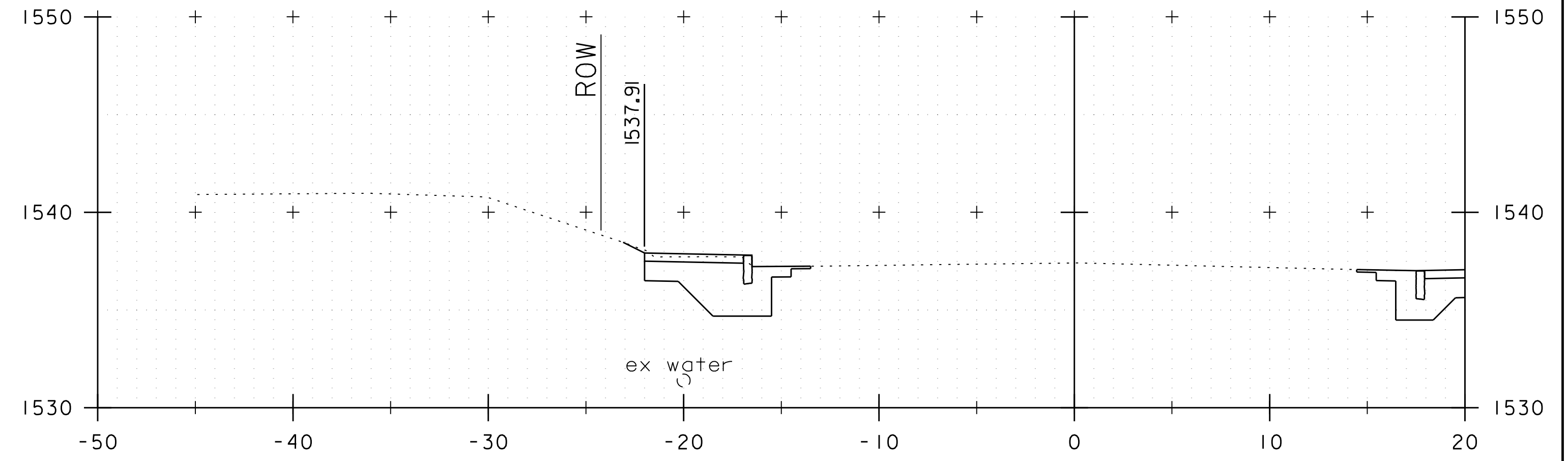
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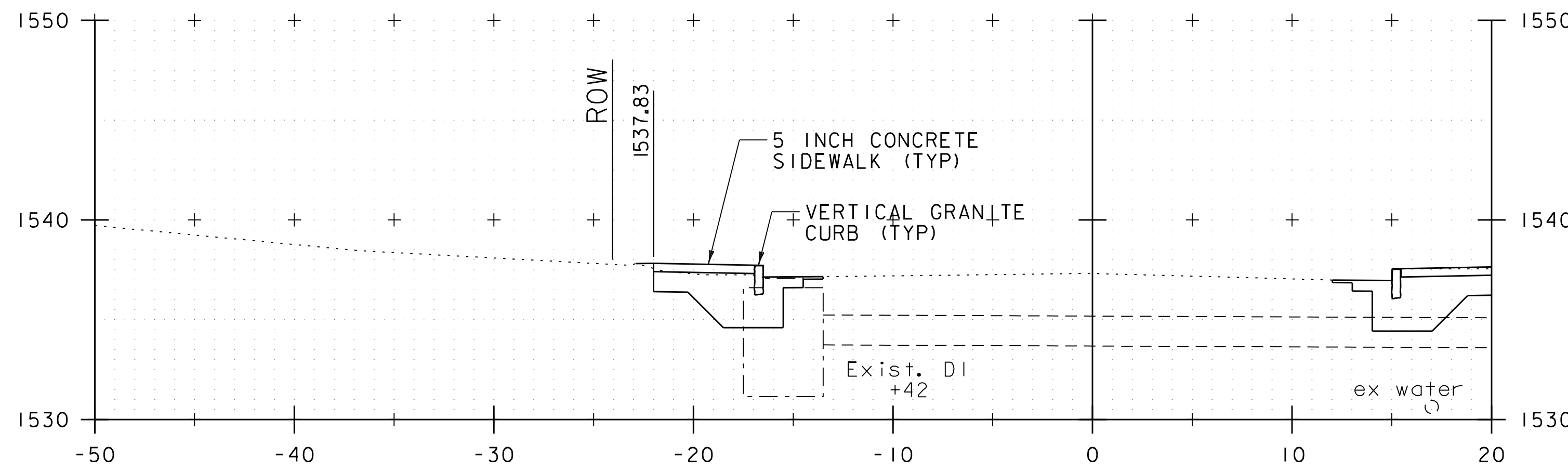
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 4	SHEET 33 OF 40



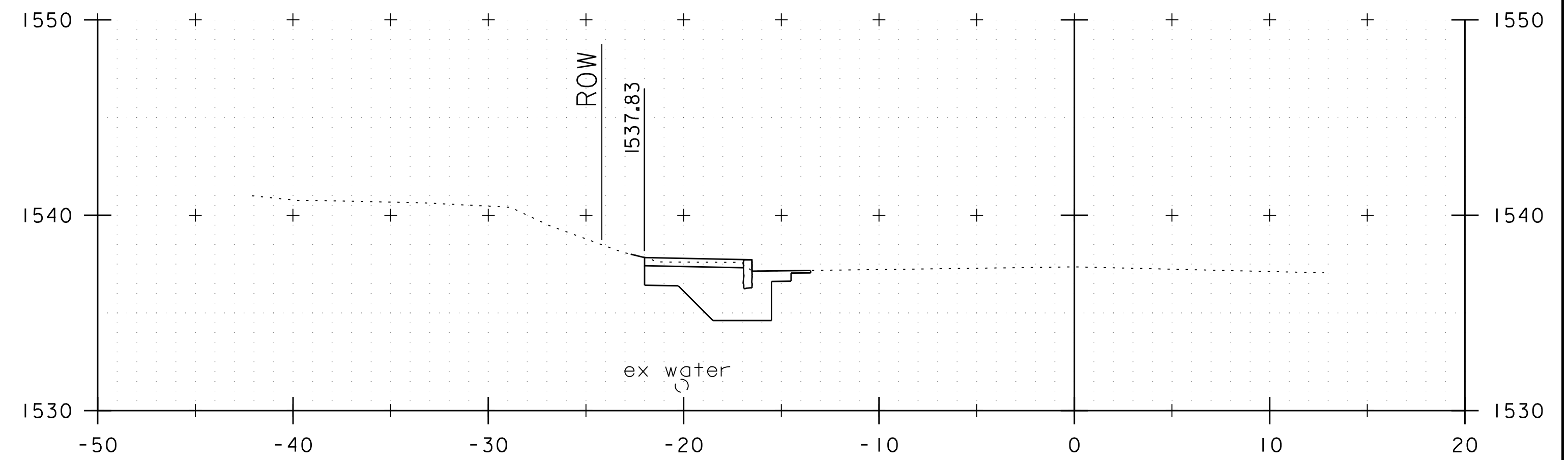
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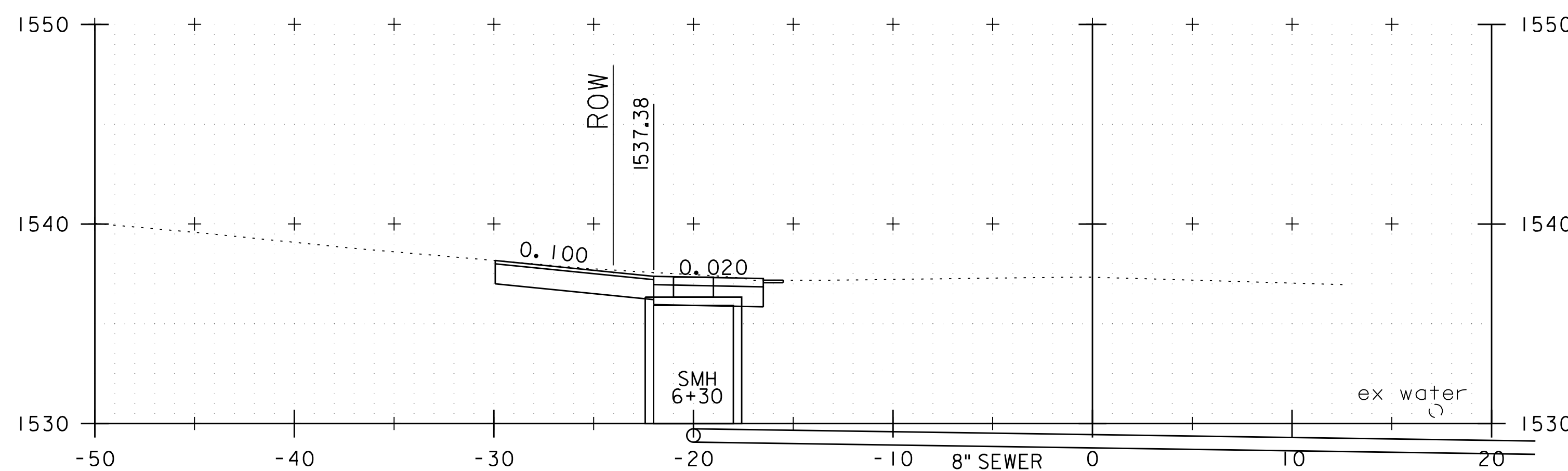
7+50



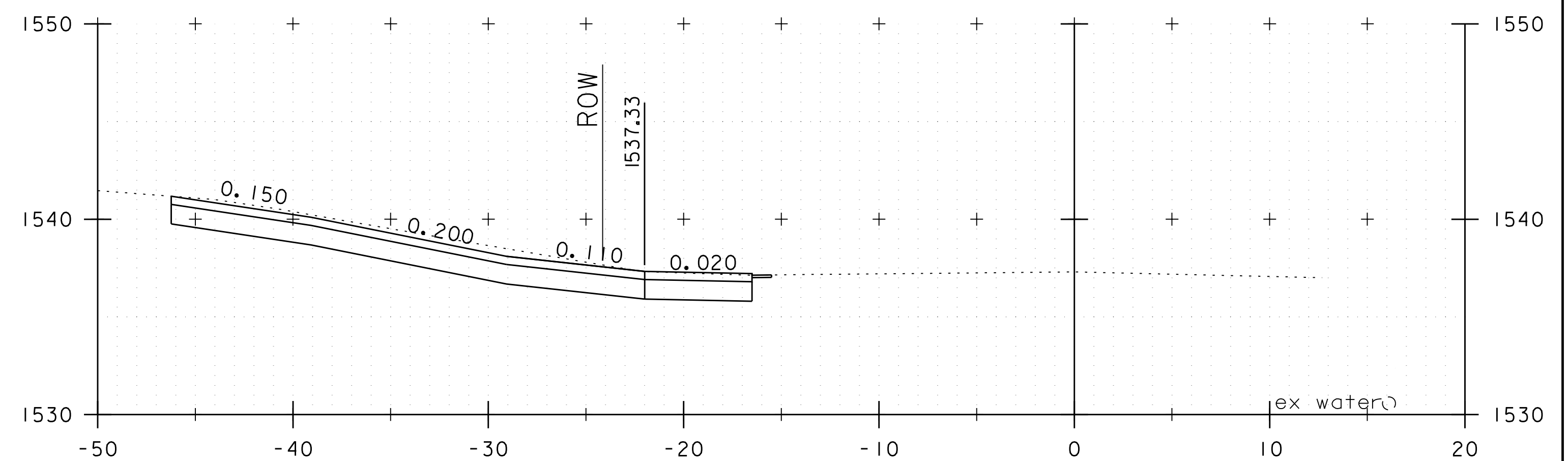
6+50



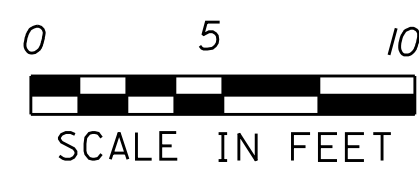
7+25



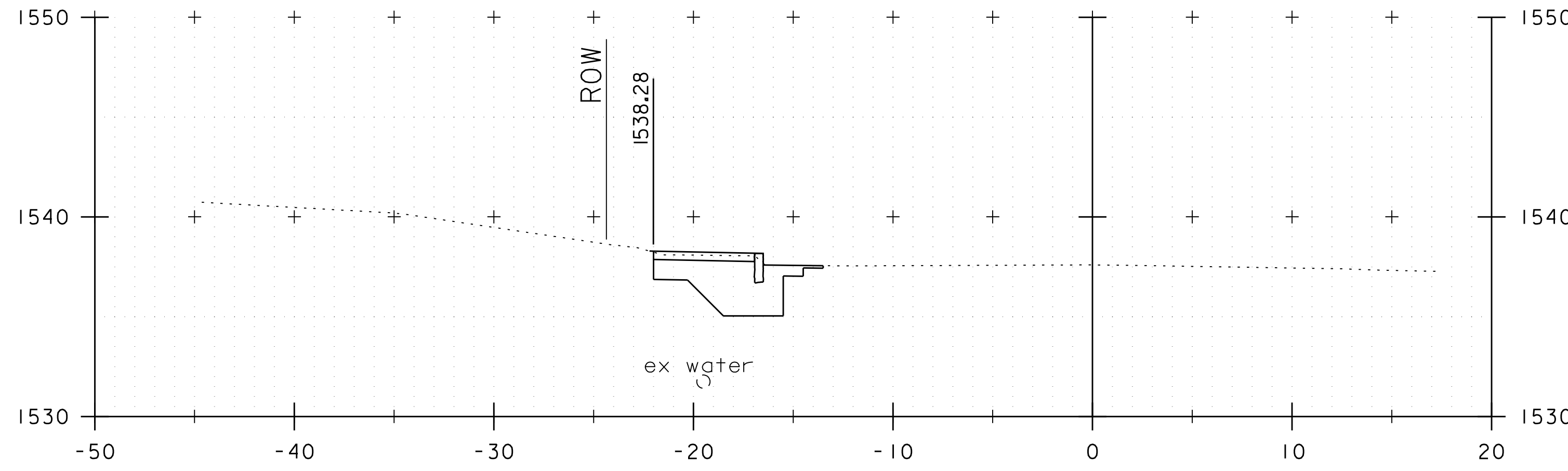
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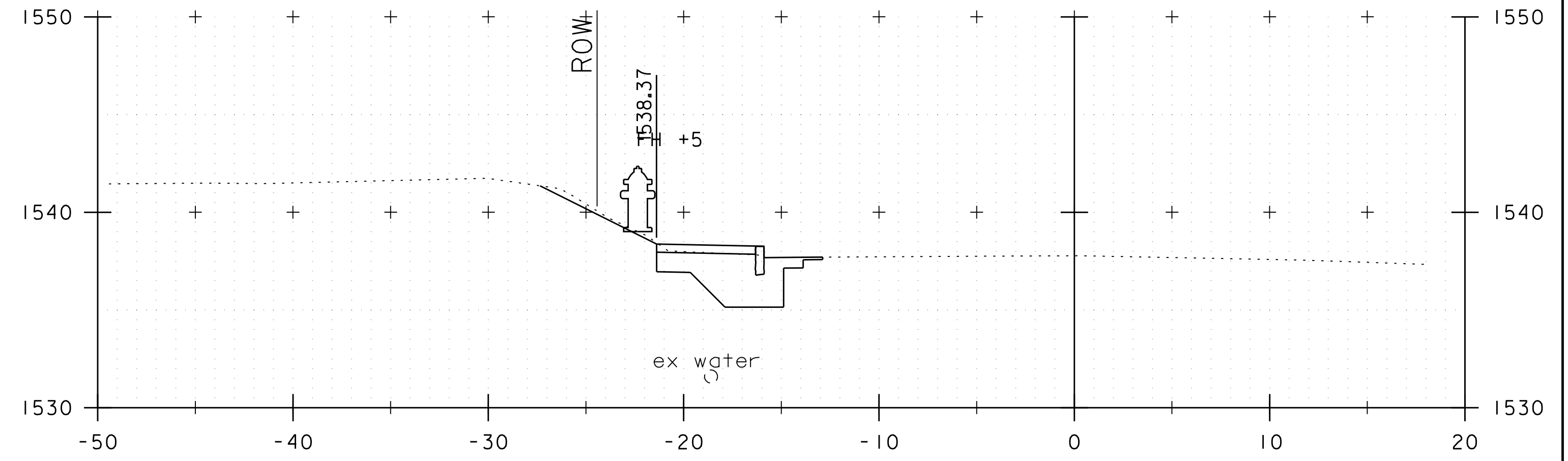
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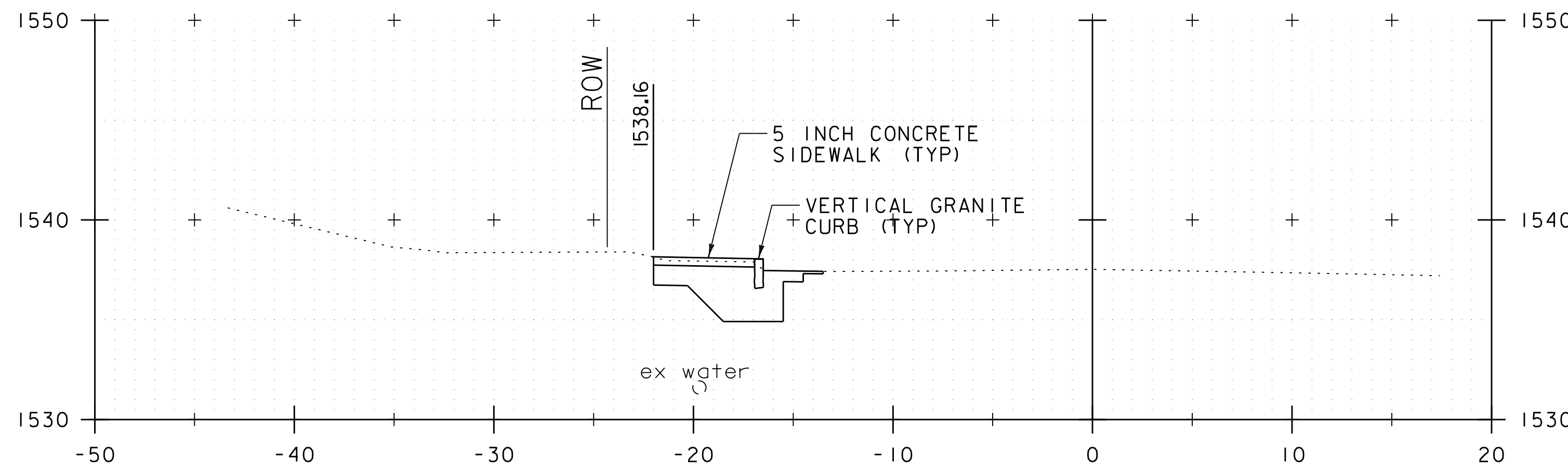
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 5	SHEET 34 OF 40



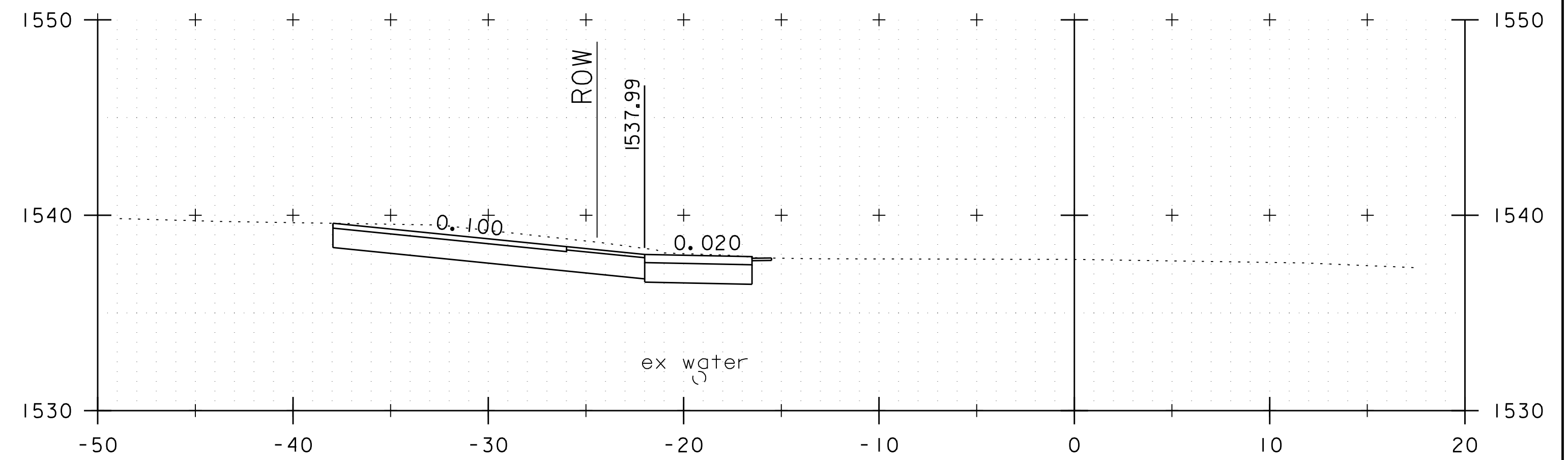
8+25



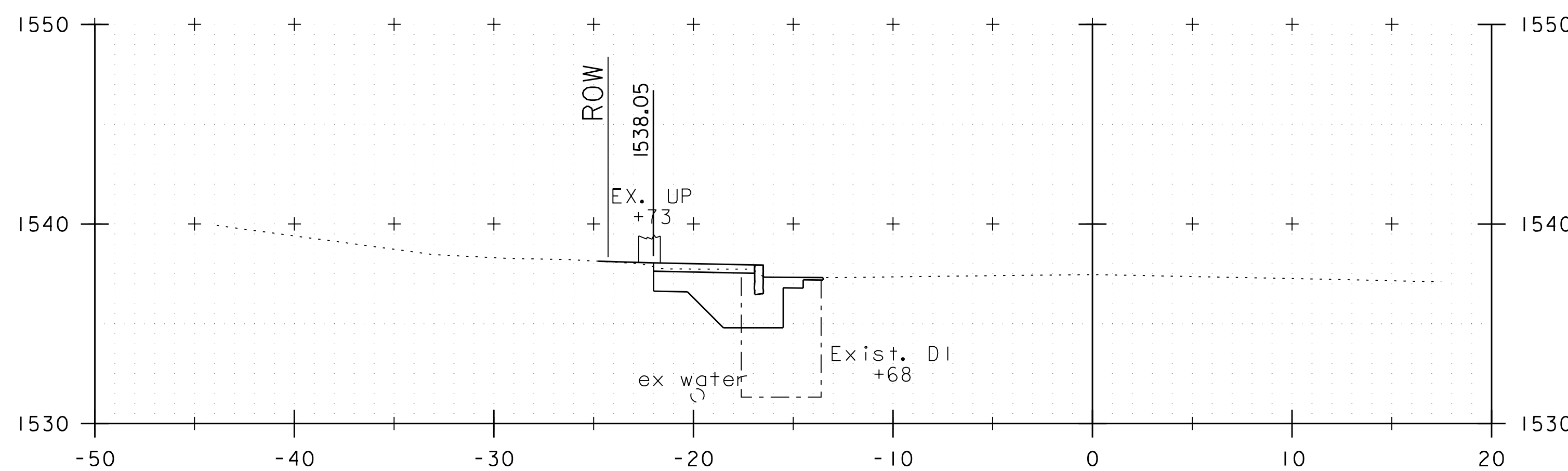
9+00



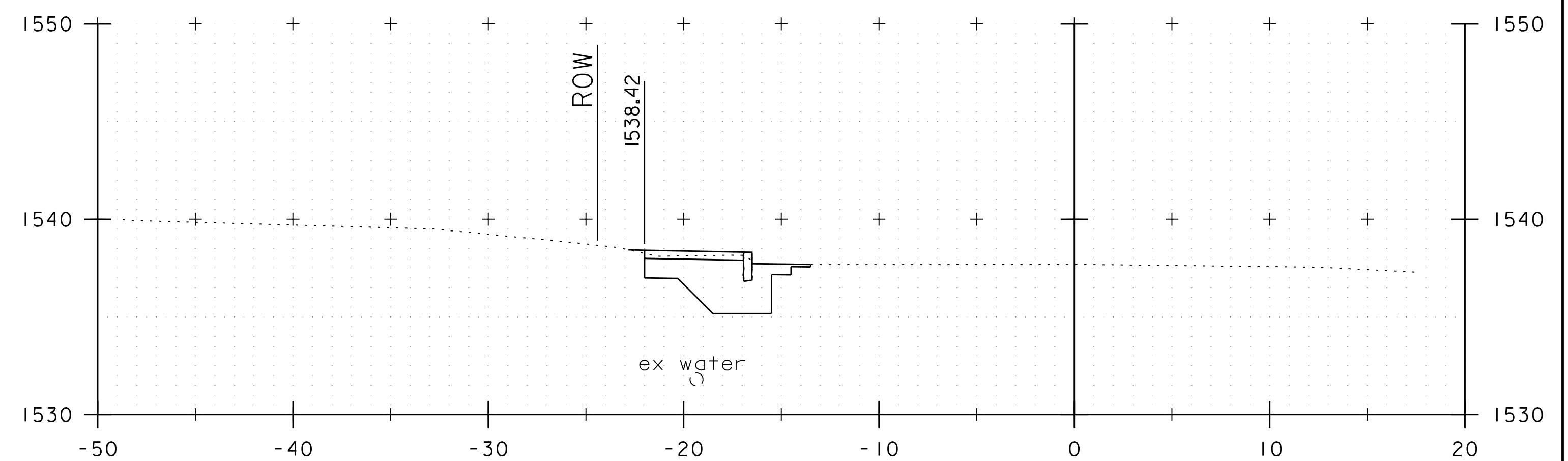
8+00



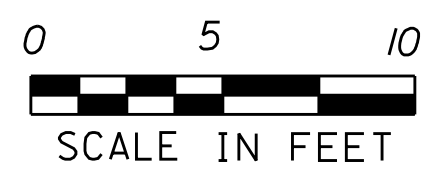
8+75



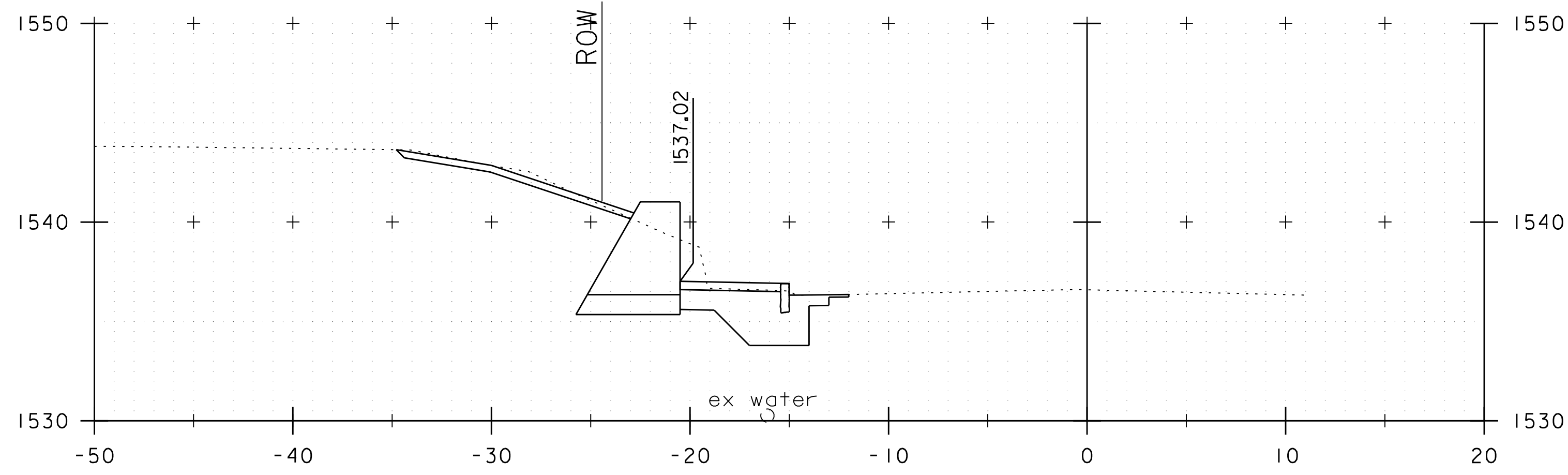
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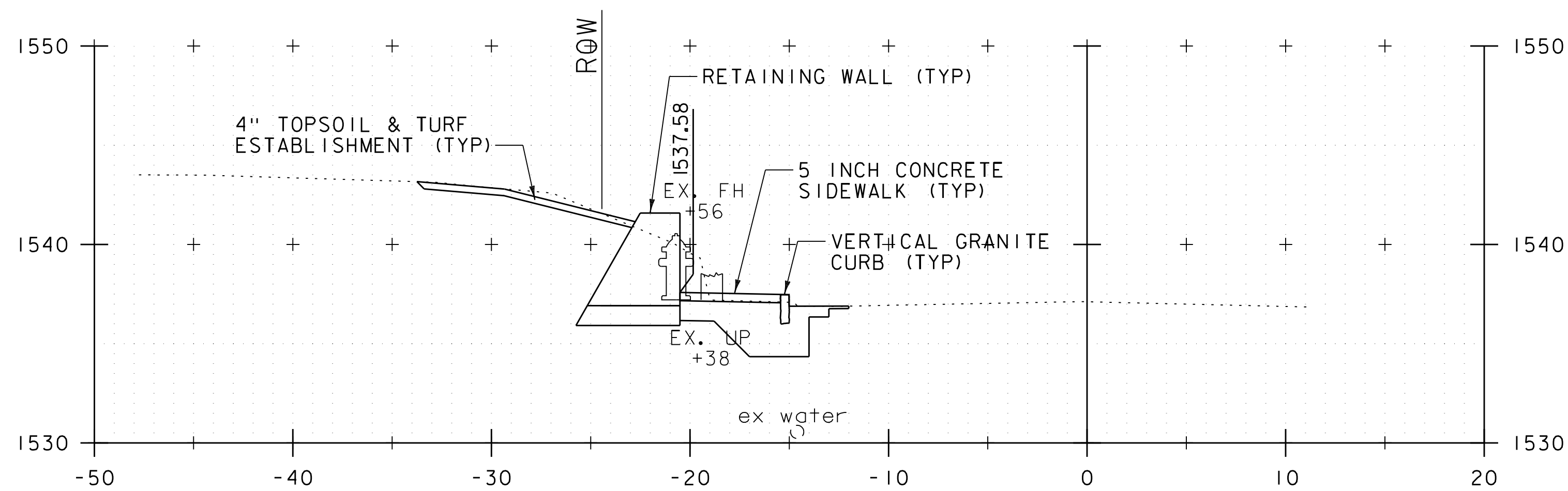
8+50



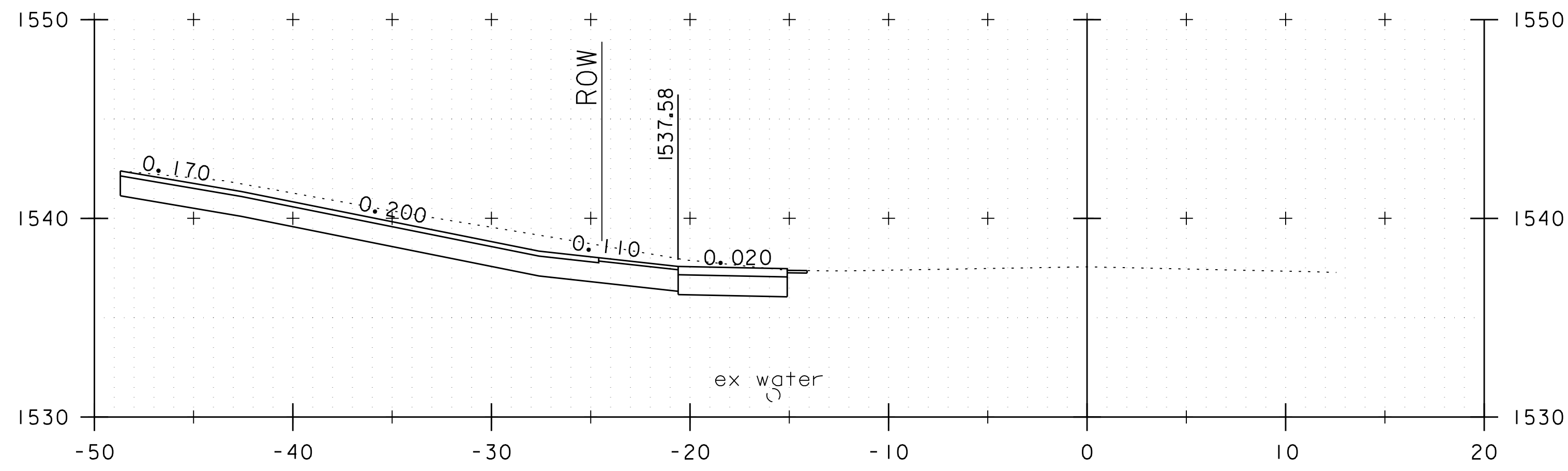
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 6	SHEET 35 OF 40



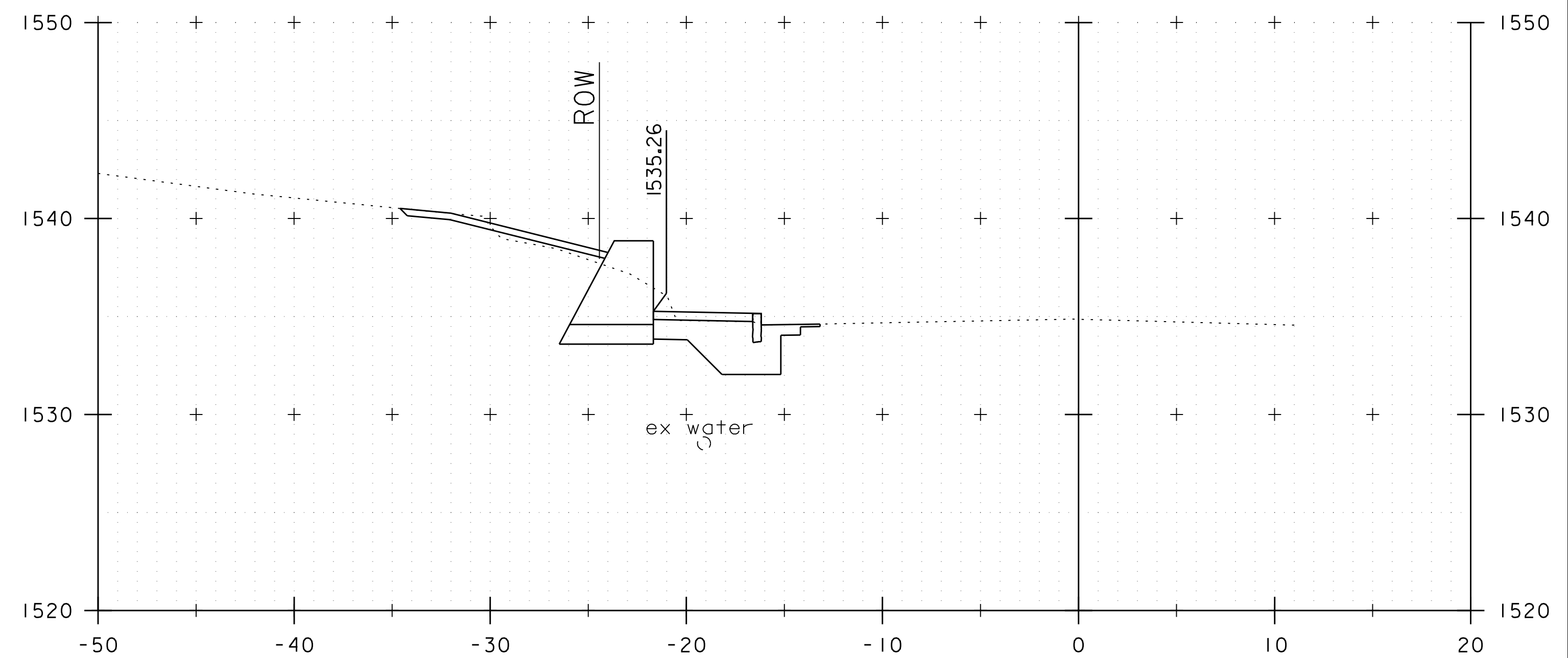
9+75



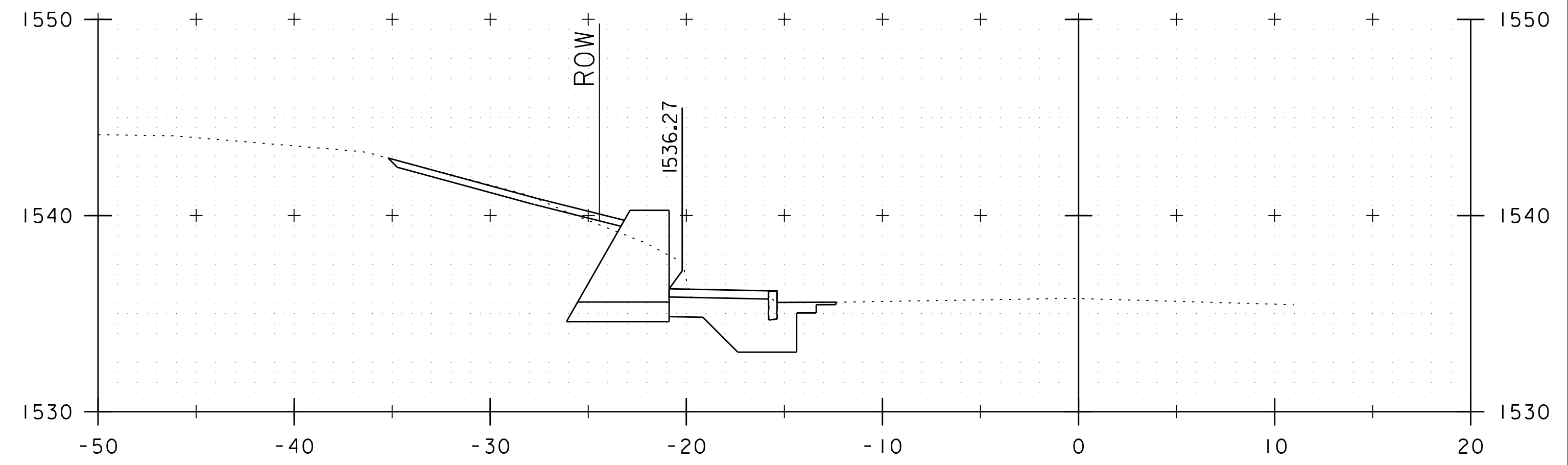
9+50



9+25



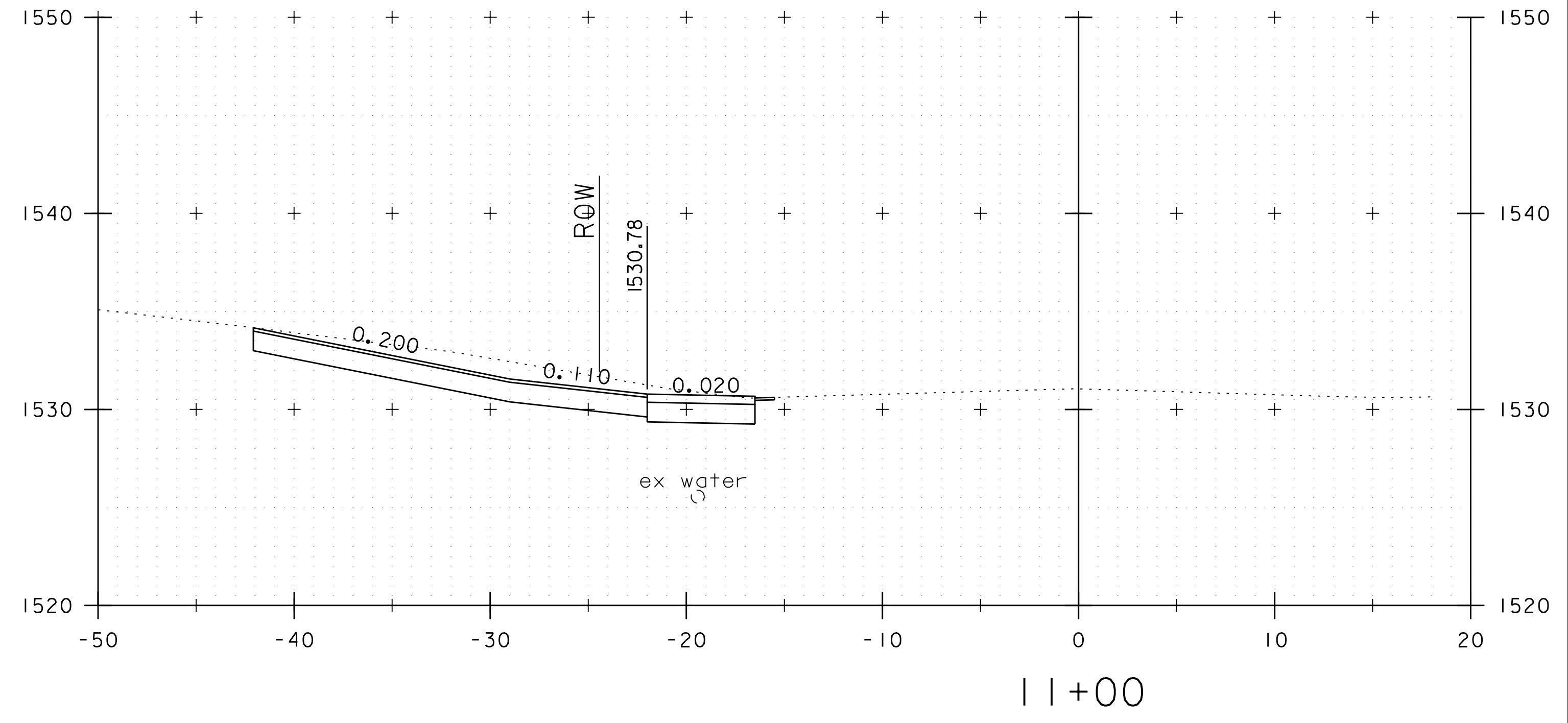
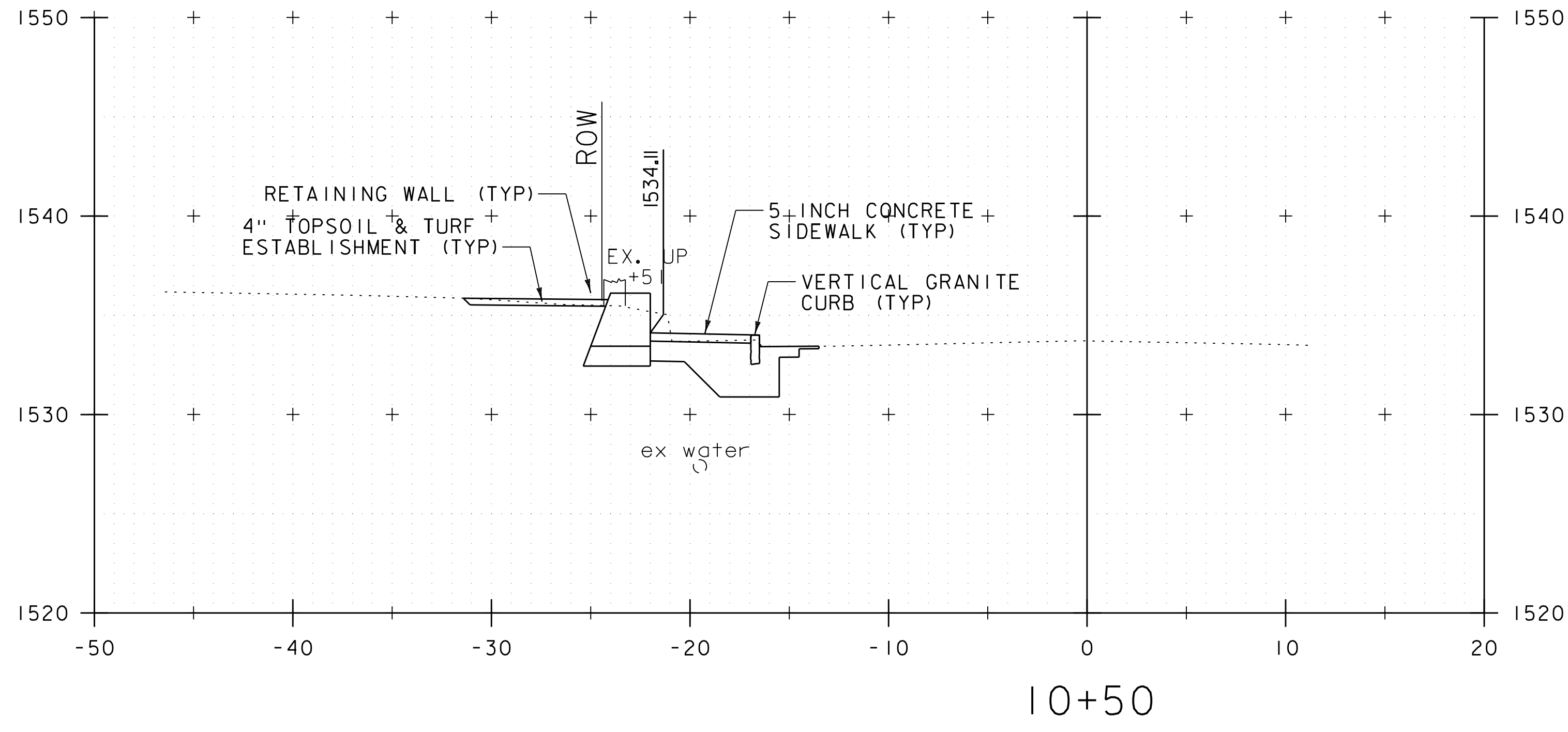
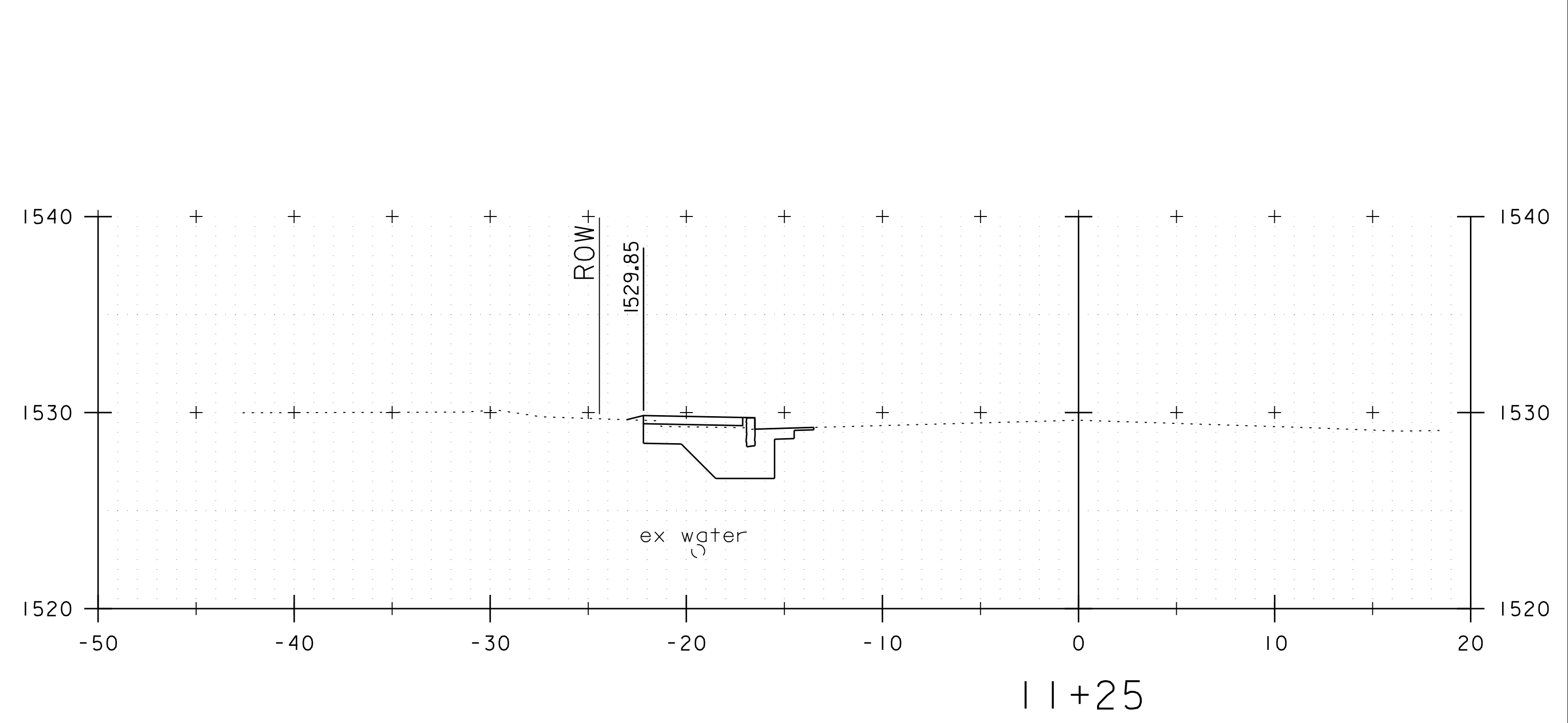
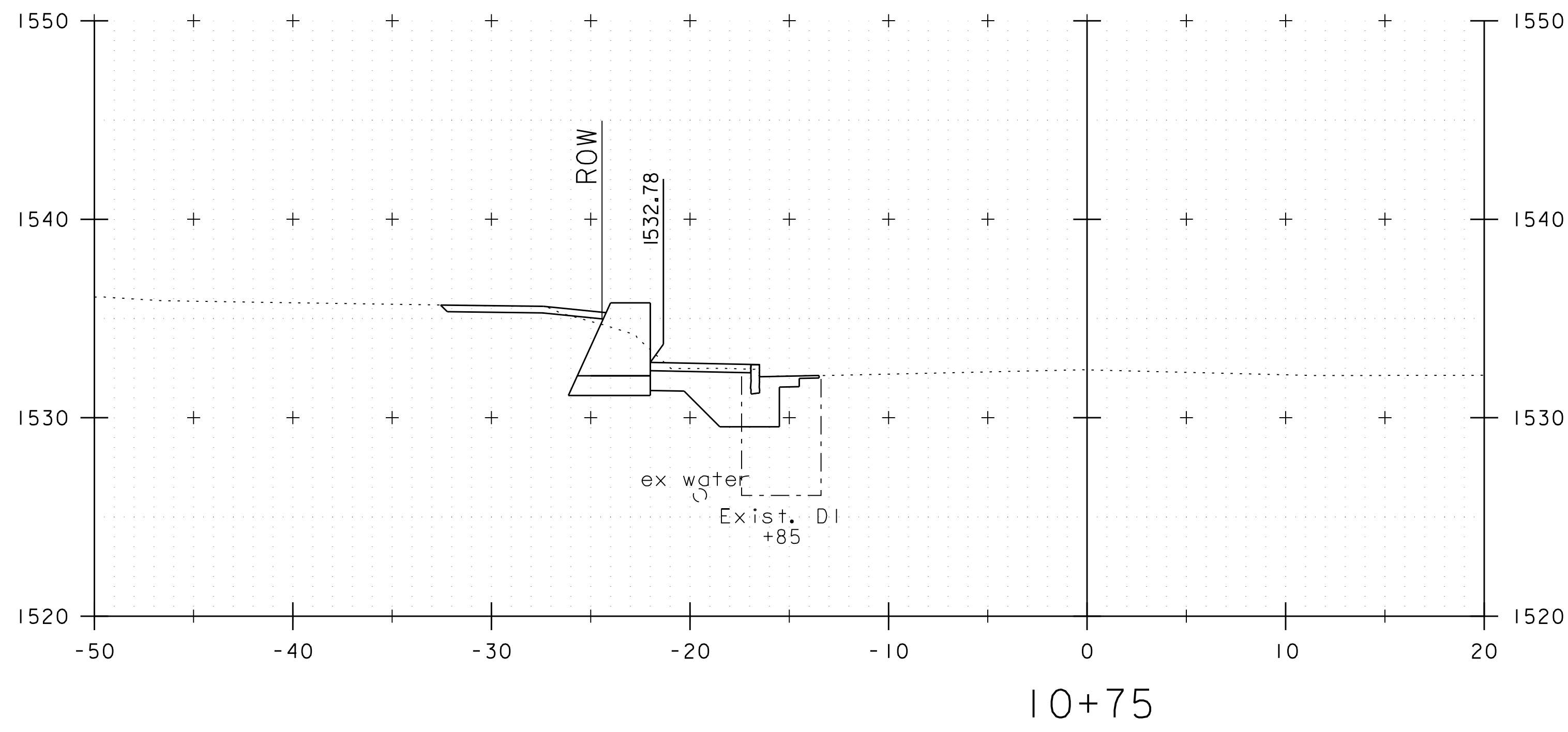
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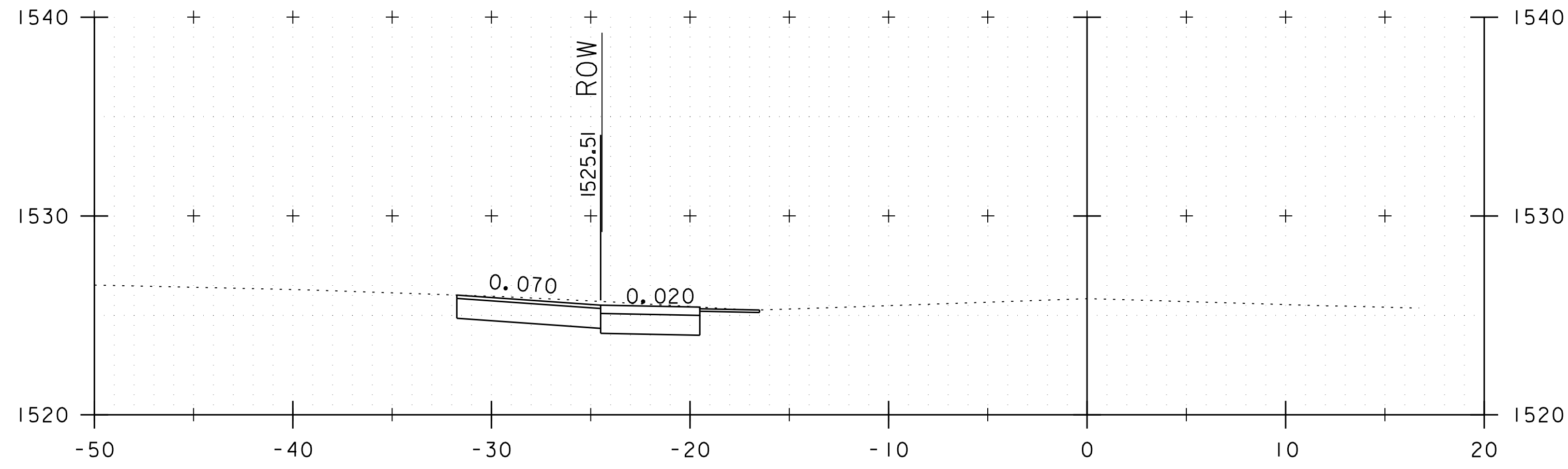
10+00



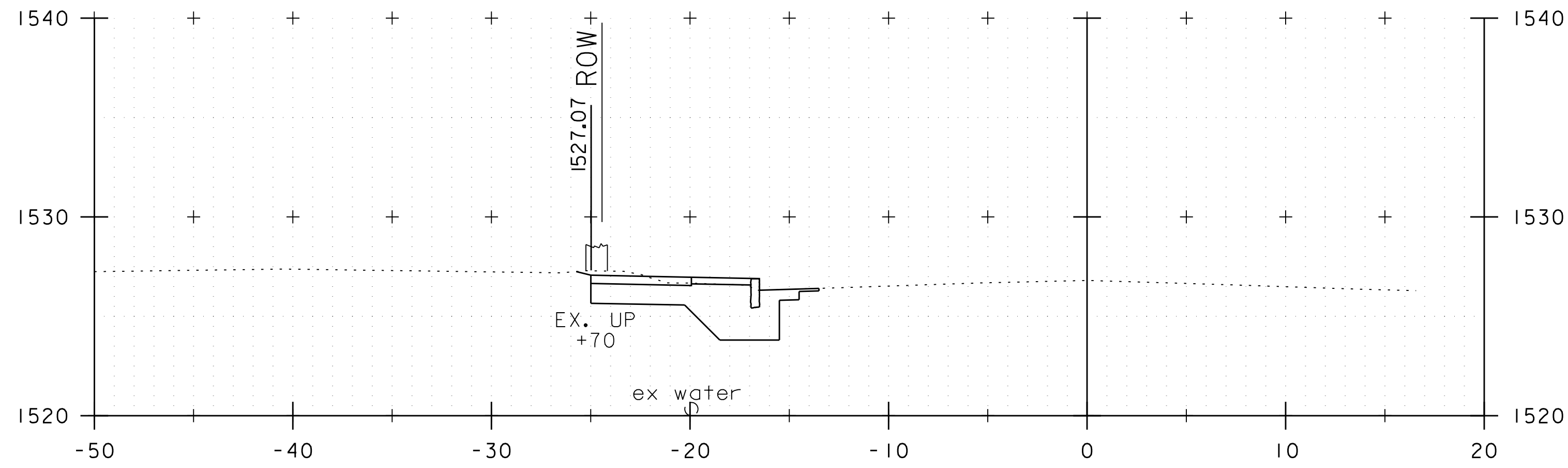
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BP17(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 7	SHEET 36 OF 40



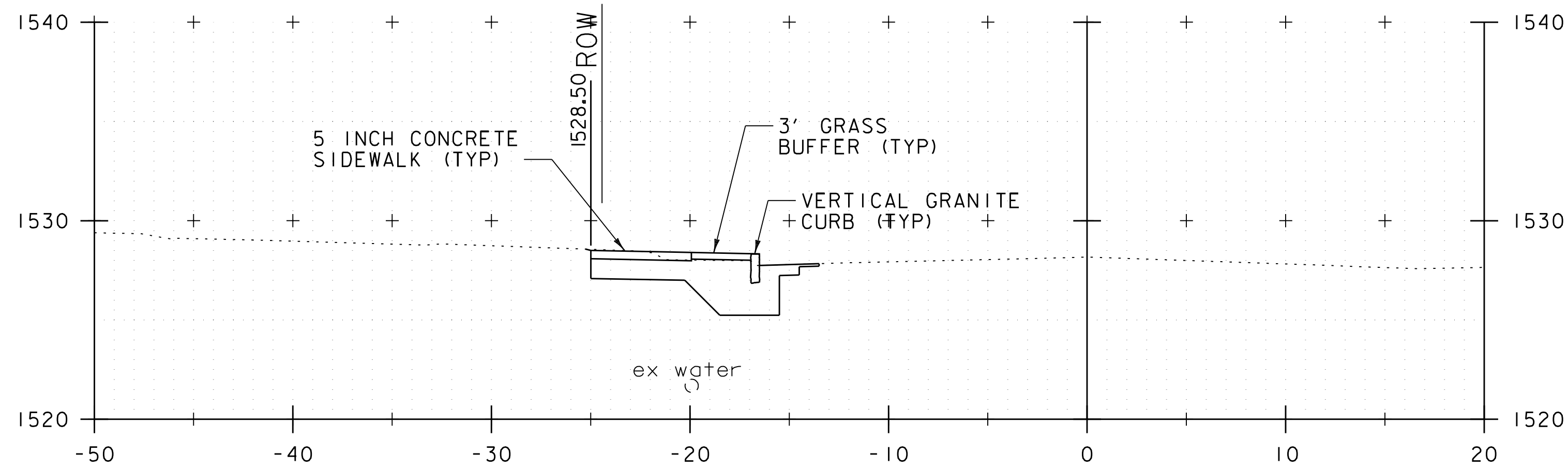
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BP17(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 8	SHEET 37 OF 40



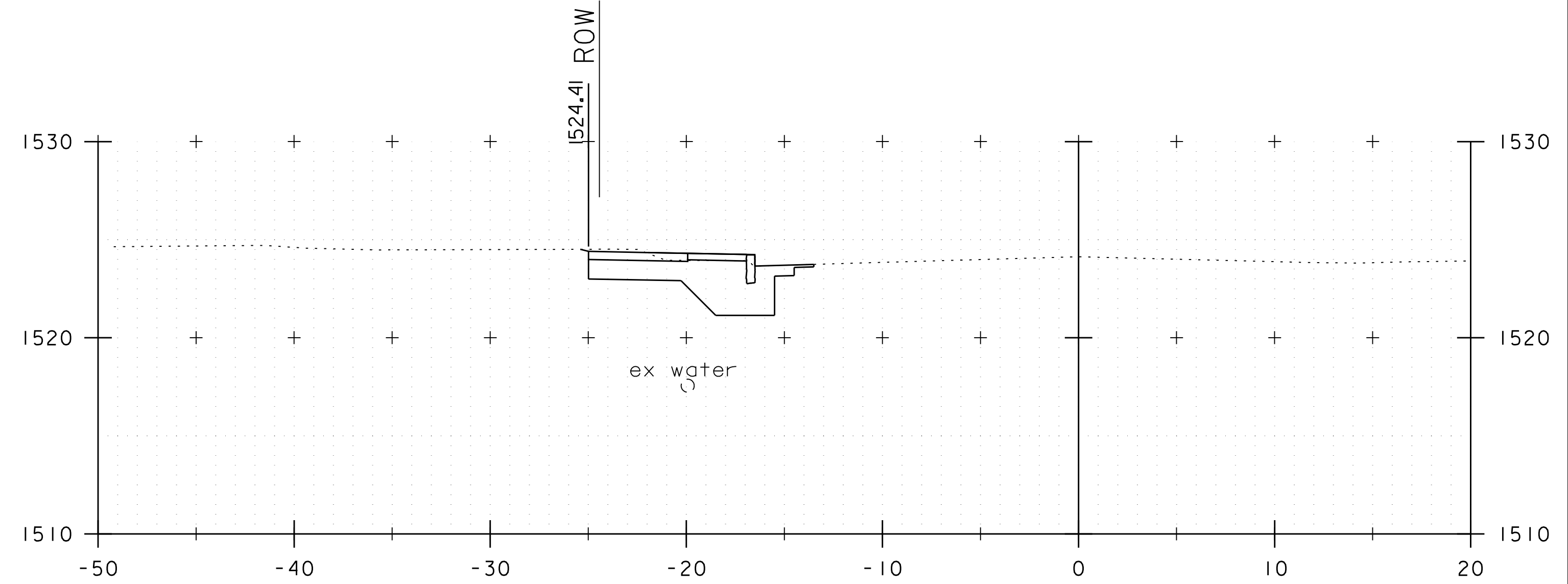
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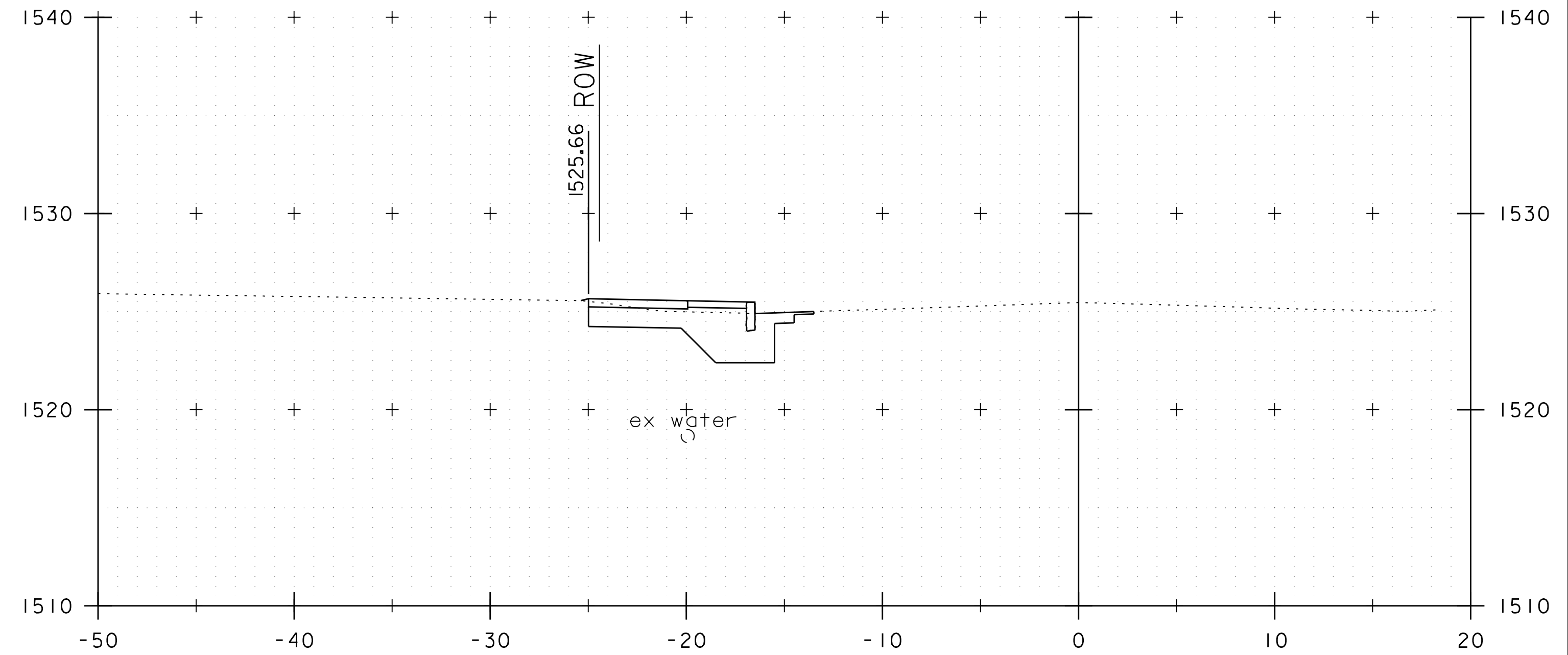
11+75



11+50



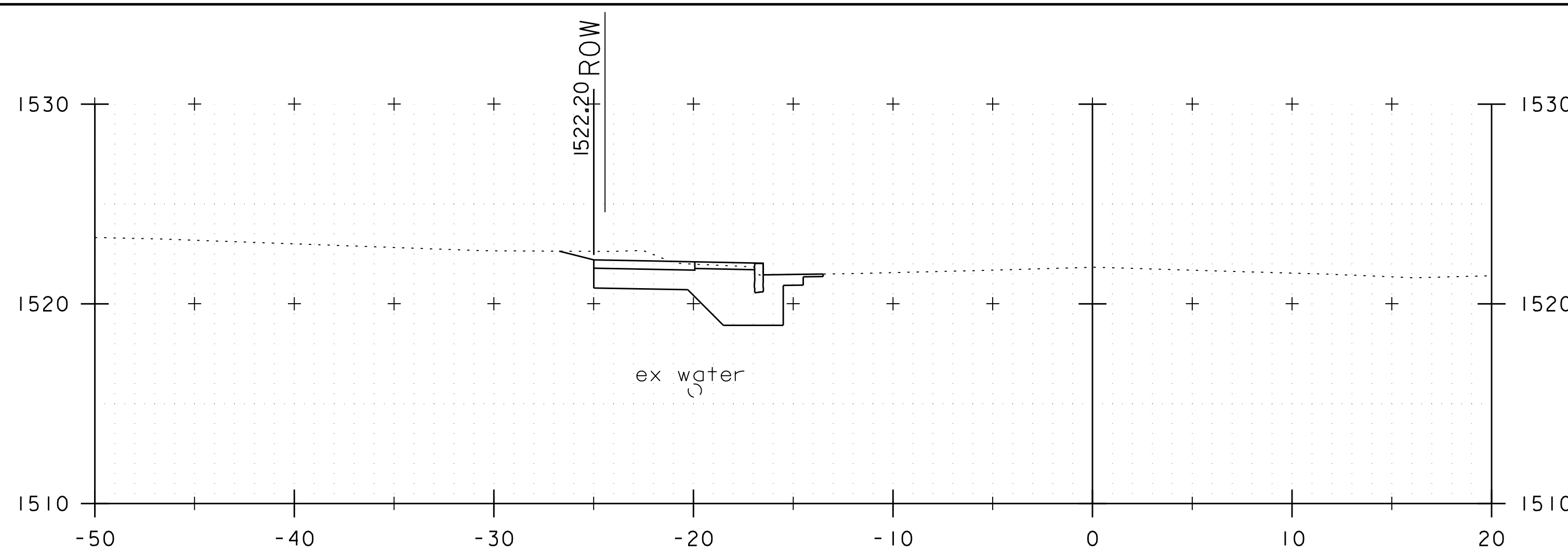
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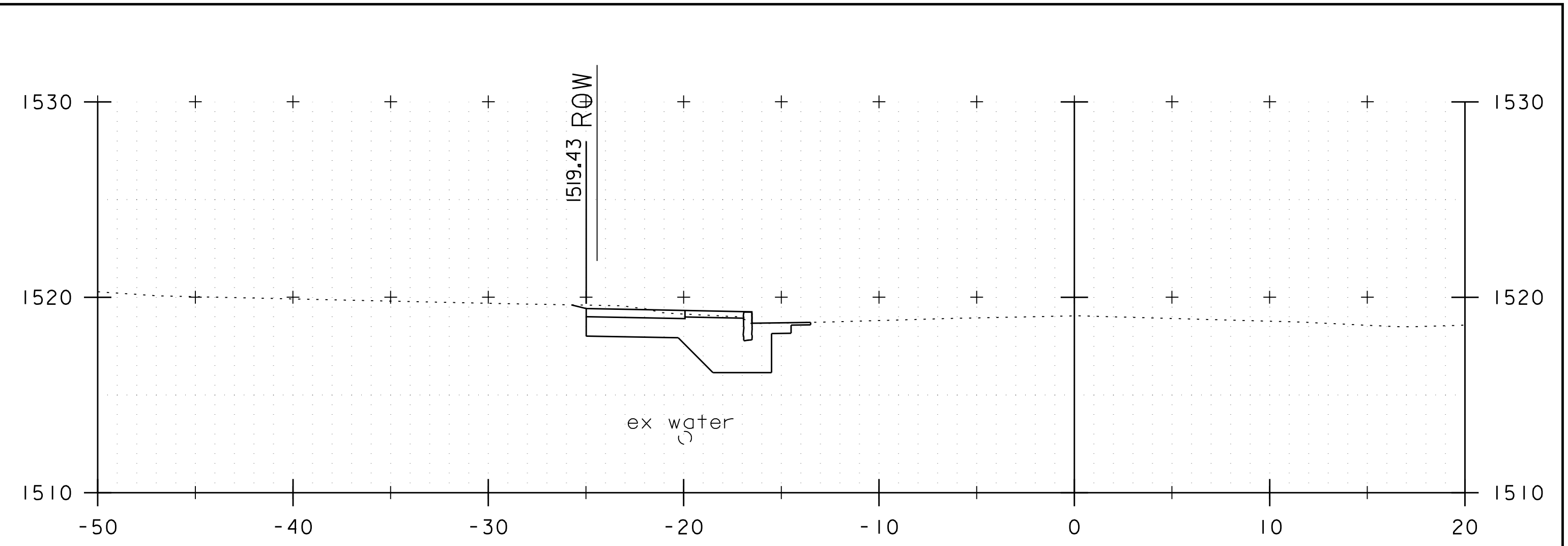
12+00



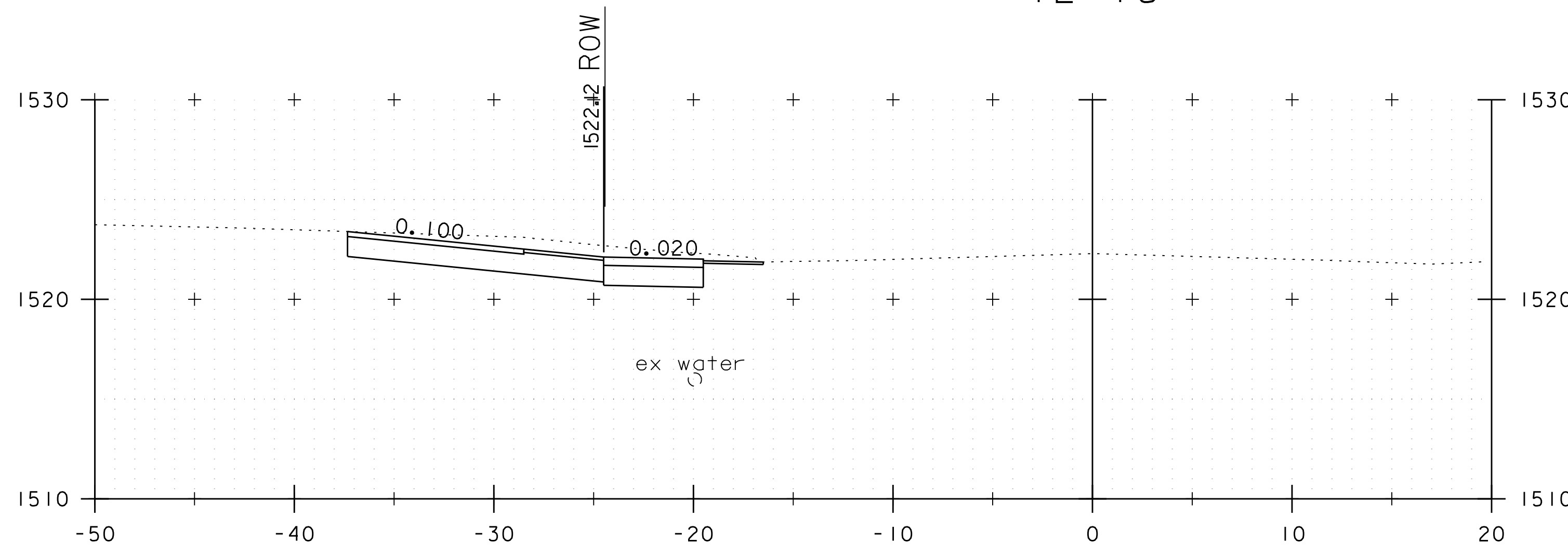
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BP17(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 9	SHEET 38 OF 40



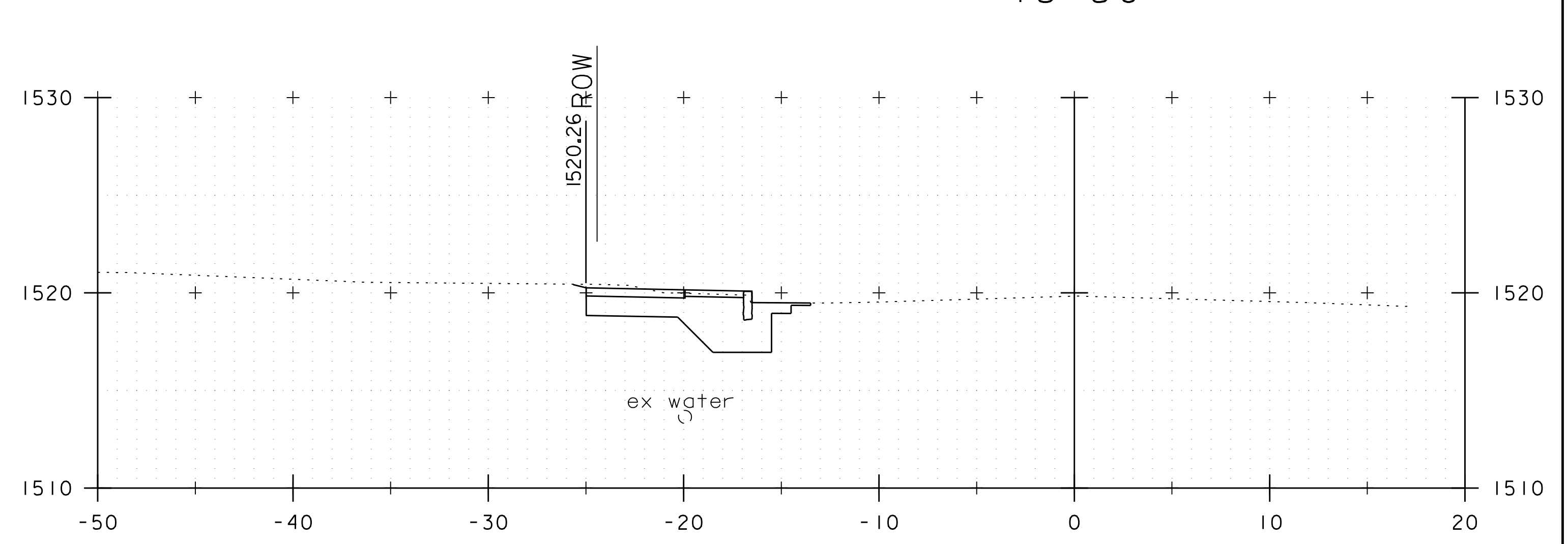
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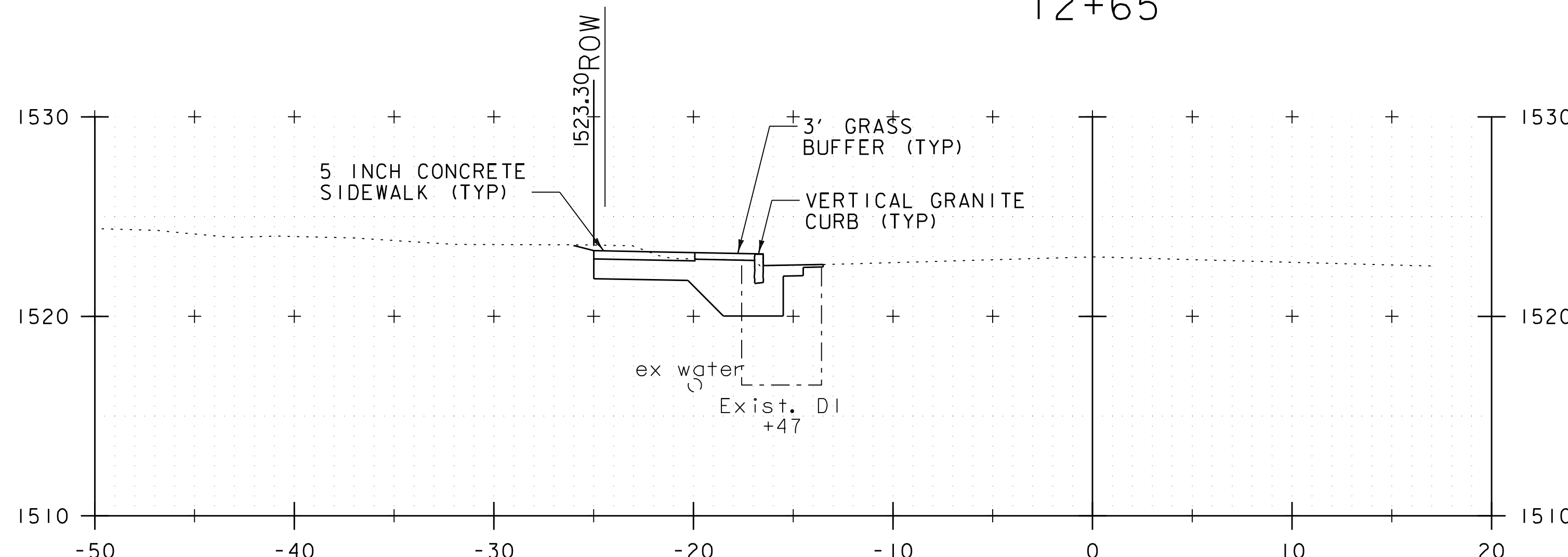
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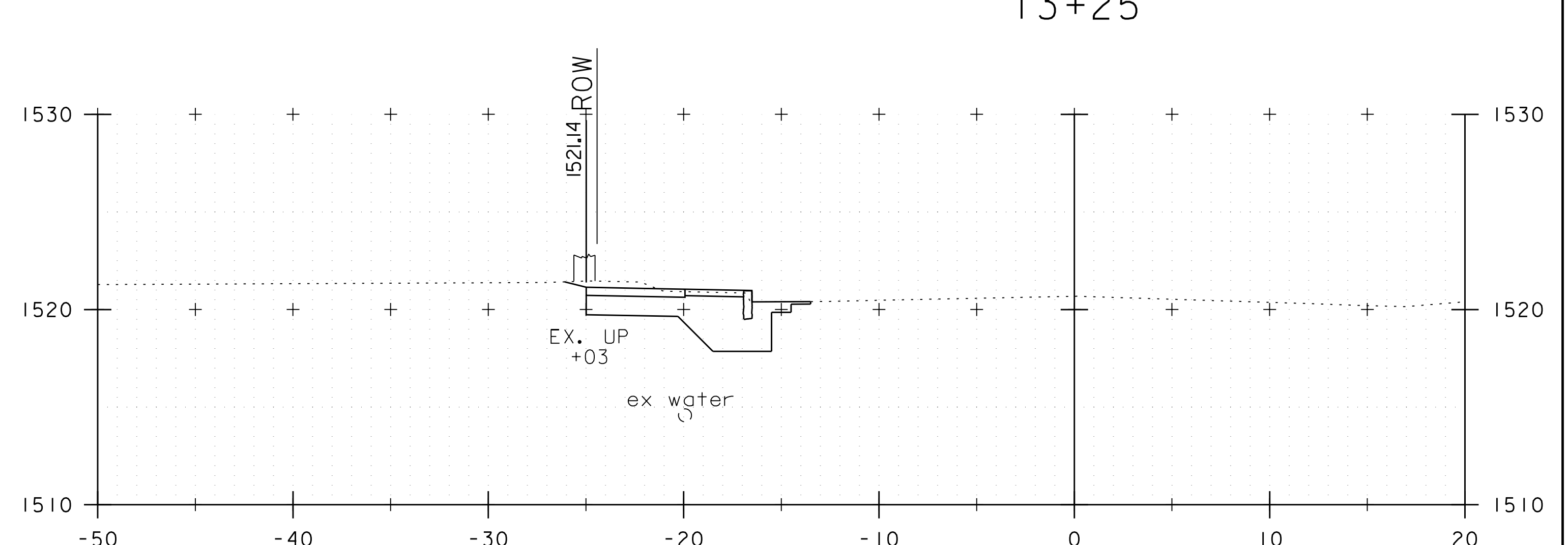
12+65



13+25



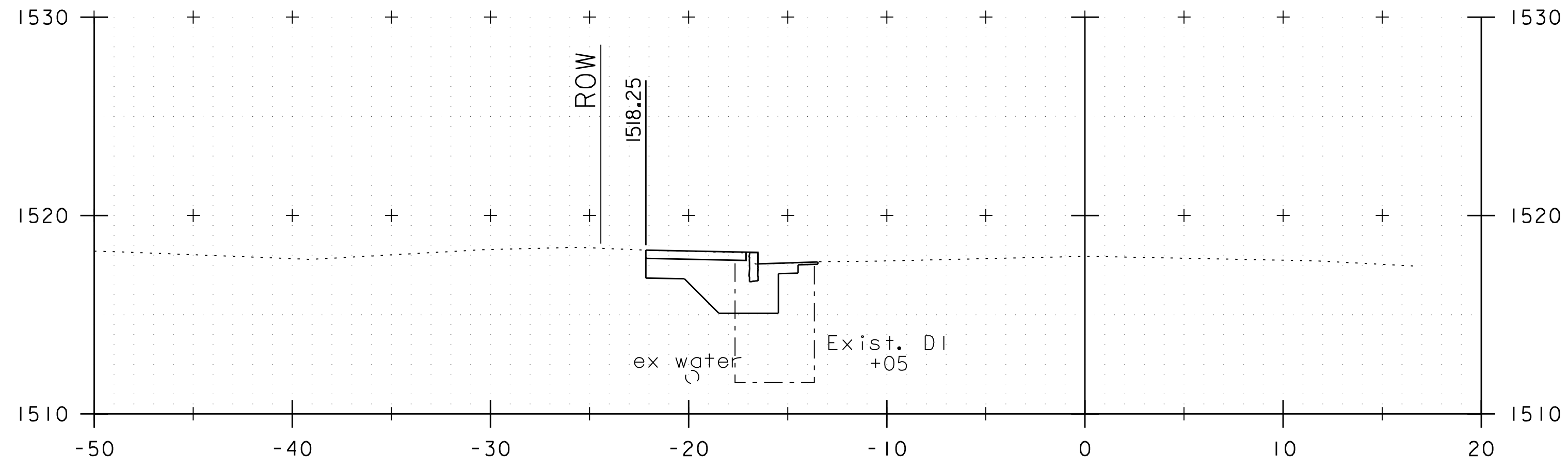
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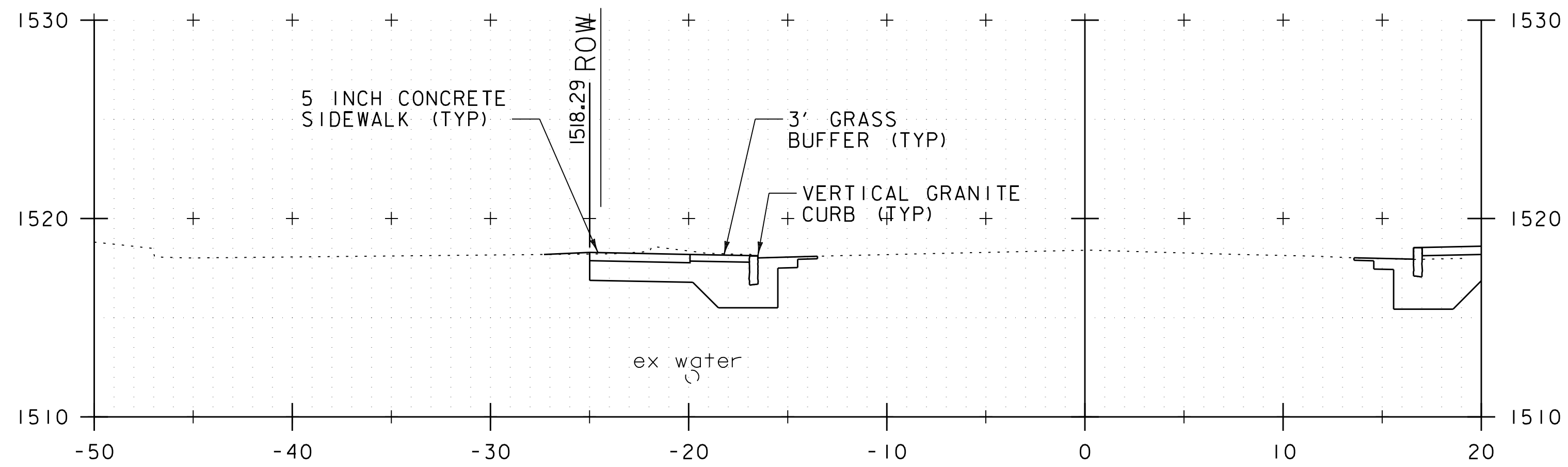
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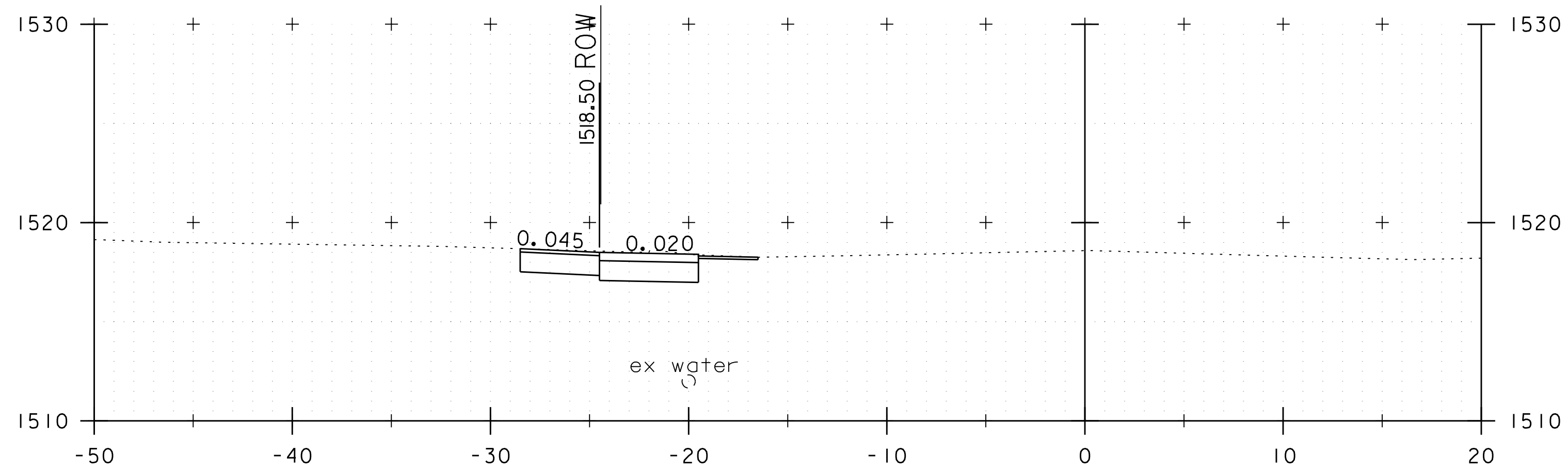
PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BPI7(I3)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET 10	SHEET 39 OF 40



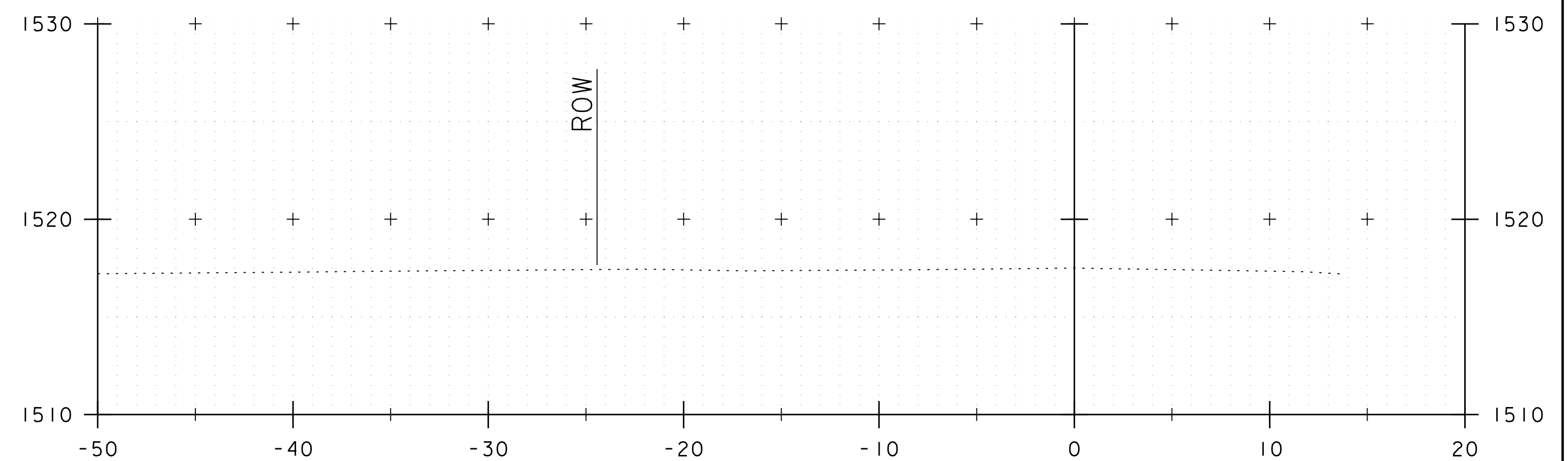
14+00



13+75



13+65



STA. 14+13.68  
END PROJECT  
TAP TA 16(4) - STP BP17(13)

14+25



PROJECT NAME: EAST MAIN STREET SIDEWALK	
PROJECT NUMBER: TAP TA 16(4) - STP BP17(13)	
FILE NAME: 57923xs.dgn	PLOT DATE: 10/6/2025
PROJECT LEADER: E.P. DETRICK	DRAWN BY: B.M. ROBERTS
DESIGNED BY: B.M. ROBERTS	CHECKED BY: E.P. DETRICK
CROSS SECTION SHEET II	SHEET 40 OF 40