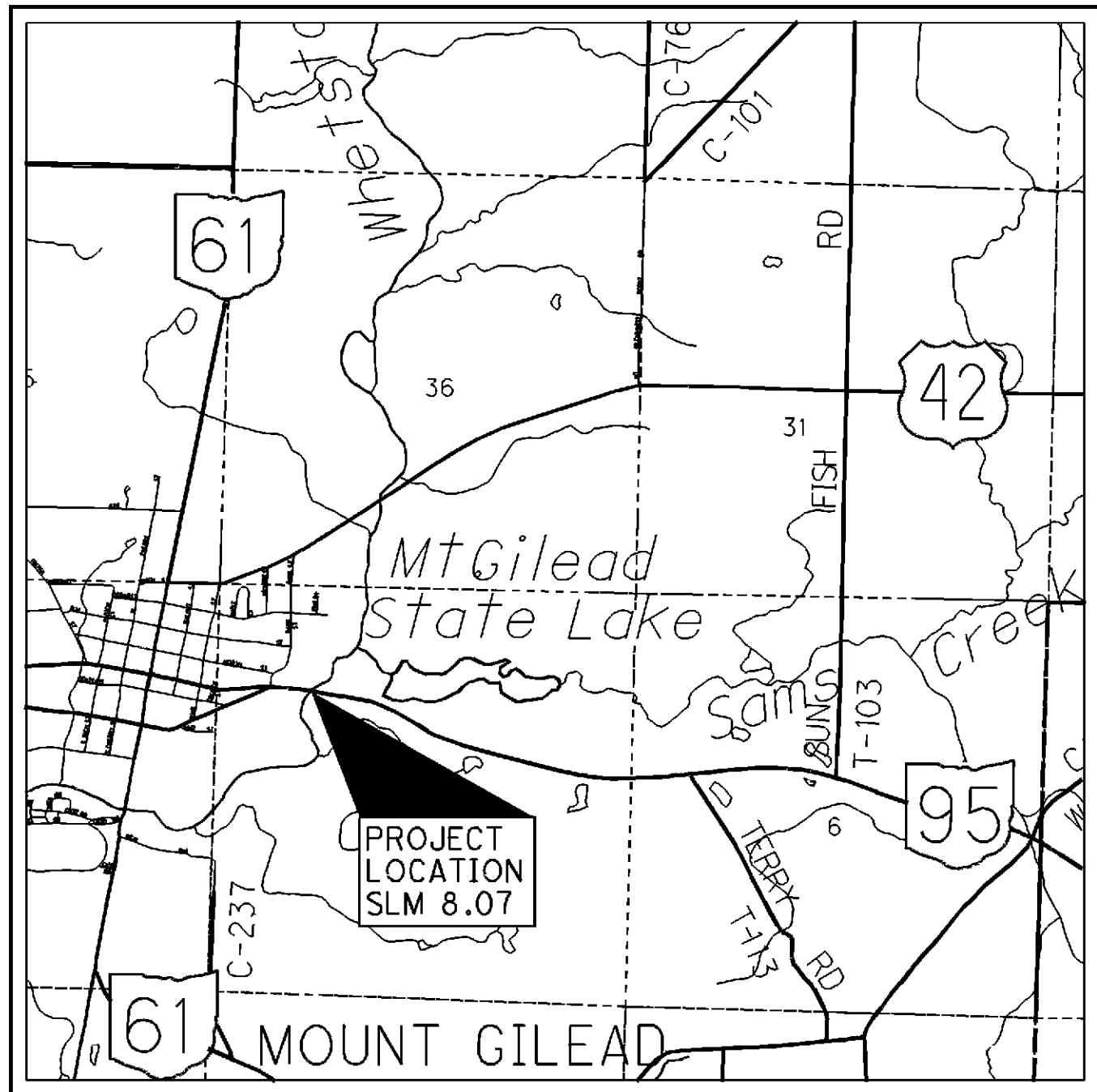


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LOCATION MAP

LATITUDE: 40°32'54" LONGITUDE: 82°49'18"



PORTION TO BE IMPROVED	-----
INTERSTATE HIGHWAY	=====
STATE & FEDERAL ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	-----

DESIGN DESIGNATION

	S.R. 95
CURRENT ADT (2010)	5,300
DESIGN YEAR ADT (2030)	5,800
DESIGN HOURLY VOLUME (2030)	638
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	11%
Td	6.9%
DESIGN SPEED	40
LEGAL SPEED	35
DESIGN FUNCTIONAL CLASSIFICATION:	
MRW-95 RURAL MINOR ARTERIAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES	
CONTACT BOTH SERVICES CALL TWO WORKING DAYS BEFORE YOU DIG	
CALL	
 1-800-362-2764  (TOLL FREE)	
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECTLY	
OIL & GAS PRODUCERS PROTECTIVE SERVICE CALL: 1-800-925-0988	

PLAN PREPARED BY:
OHIO DEPARTMENT OF
TRANSPORTATION
DISTRICT SIX

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MRW-95-8.07

**VILLAGE OF MOUNT GILEAD
GILEAD TOWNSHIP
MORROW COUNTY**

INDEX OF SHEETS:

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RETAINING WALL	19-33
RIGHT OF WAY	34-38

ENGINEERS SEAL:

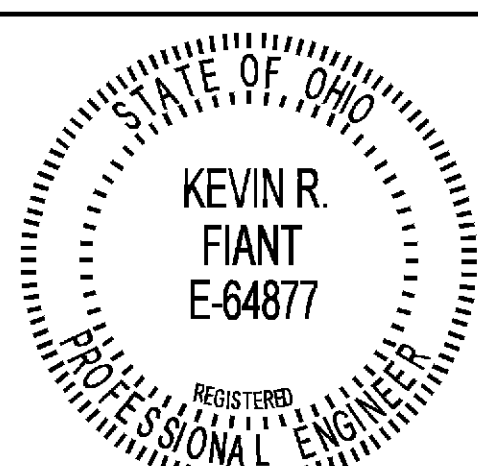
FOR GEOTECHNICAL
DESIGN OF
RETAINING WALLS

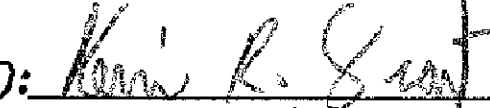


SIGNED: 
DATE: 02/10/2011

ENGINEERS SEAL:

ALL OTHER DESIGN



SIGNED: 
DATE: 2-9-11

STANDARD CONSTRUCTION DRAWINGS

NAME	DATE	NAME	DATE
BP-3.1	10/19/07	MT-95.50	04/17/09
		MT-97.10	10/15/10
		MT-97.12	10/15/10
DM-1.4	04/21/06	MT-99.20	01/16/09
DM-4.1	01/21/11	MT-101.90	01/16/09
DM-4.4	04/17/09	MT-105.10	01/16/09
GR-1.1	07/16/04	TC-42.20	01/21/11
GR-2.1	01/16/04	TC-73.10	01/19/01
GR-3.4	10/16/09		
GR-6.1	04/16/10		

SUPPLEMENTAL
SPECIFICATIONS

800-2010	4/15/11
832	5/5/09
838	4/15/09

SPECIAL
PROVISIONS

WATERWAY PERMIT CONDITIONS	5/11/2011
FLOODPLAIN PERMIT	5/1/2011

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A DRILLED SHAFT SOLDIER PILE & GABION BASKET WALL ALONG THE EAST/SOUTHEAST BANK OF WHETSTONE CREEK EAST OF MT. GILEAD, OHIO. THE PROJECT WILL ALSO INVOLVE CHANNEL STABILIZATION OF WHETSTONE CREEK AND LINEAR GRADING ON THE SHOULDER OF S.R. 95 ADJACENT TO THE WALL.

PROJECT EARTH DISTURBED AREA: 0.73 ACRES

ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.23 ACRES

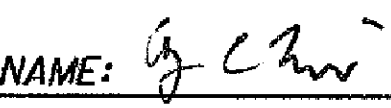
NOTICE OF INTENT EARTH DISTURBED AREA: N/A

2010 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

PLANS CERTIFIED BY:

NAME:  DATE: 2/9/11

DISTRICT 6
OHIO DEPT. OF TRANSPORTATION

APPROVED: 
DATE: 2-15-11 DISTRICT DEPUTY DIRECTOR

APPROVED: _____
DATE: _____ DIRECTOR, DEPARTMENT OF
TRANSPORTATION

FEDERAL PROJECT NO.

E070 (804)

PID NO.

82192

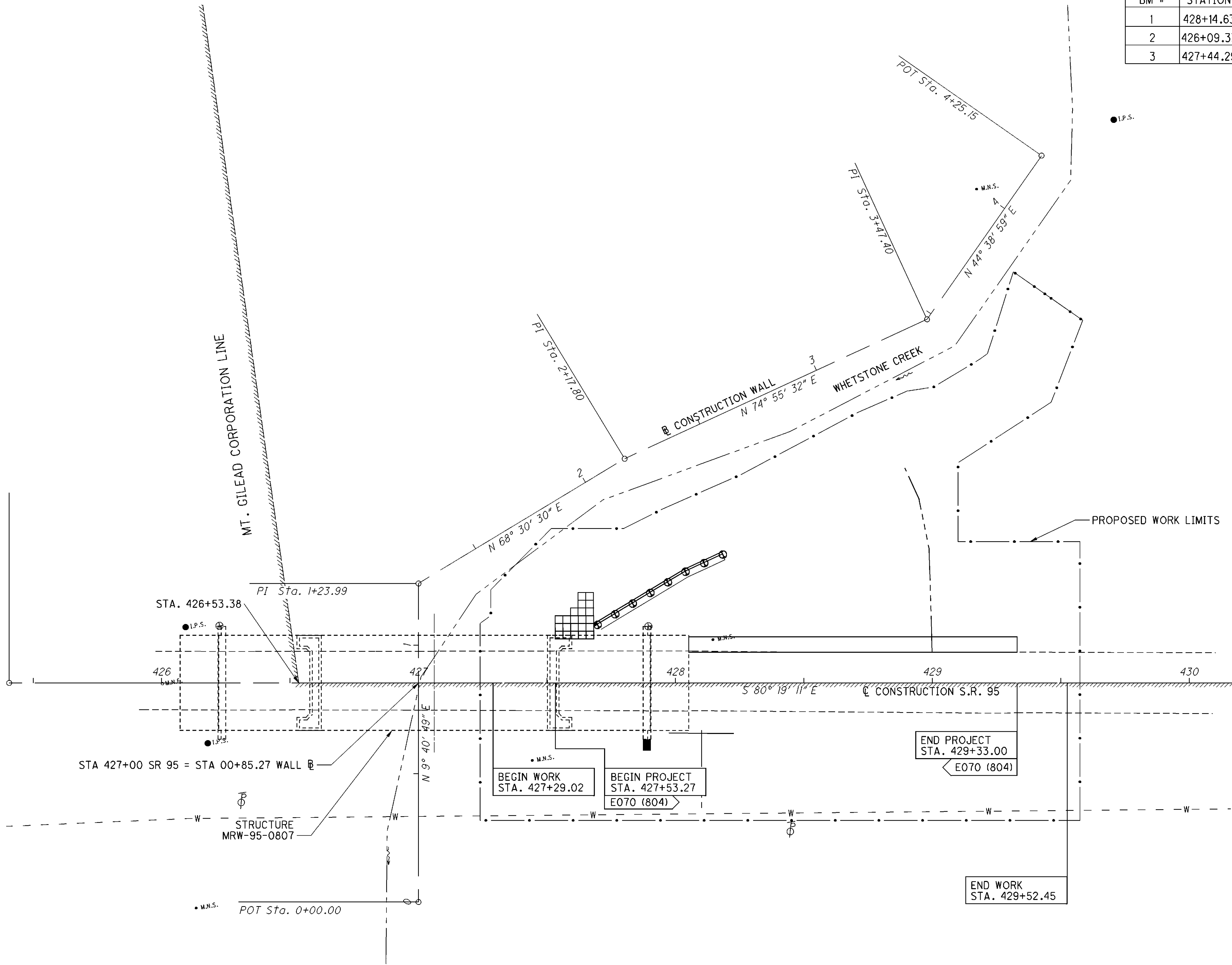
CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT

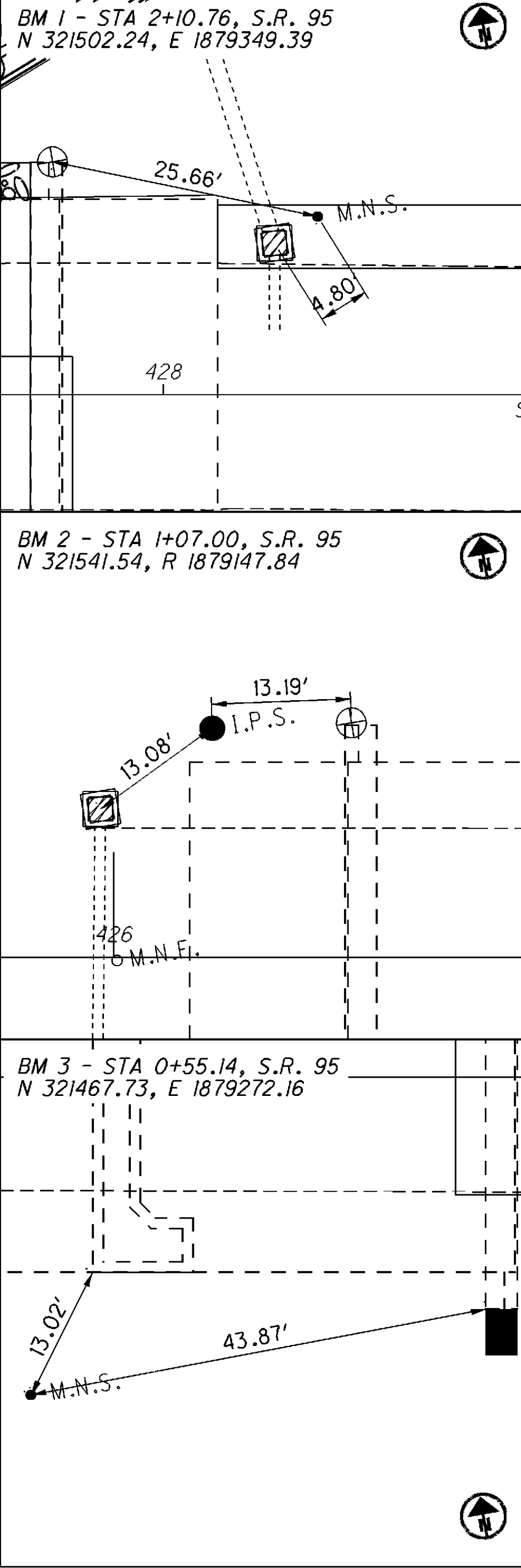
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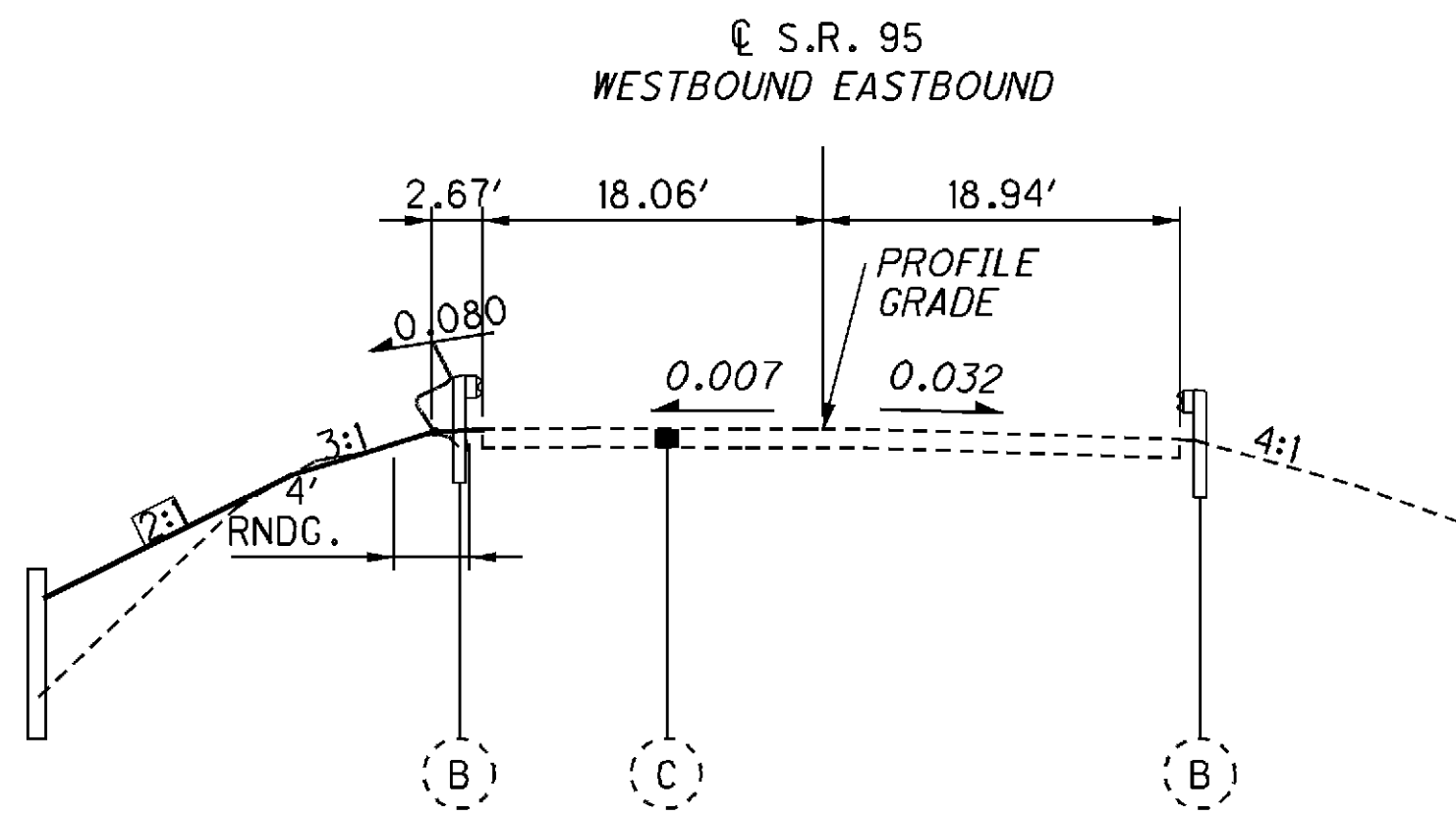
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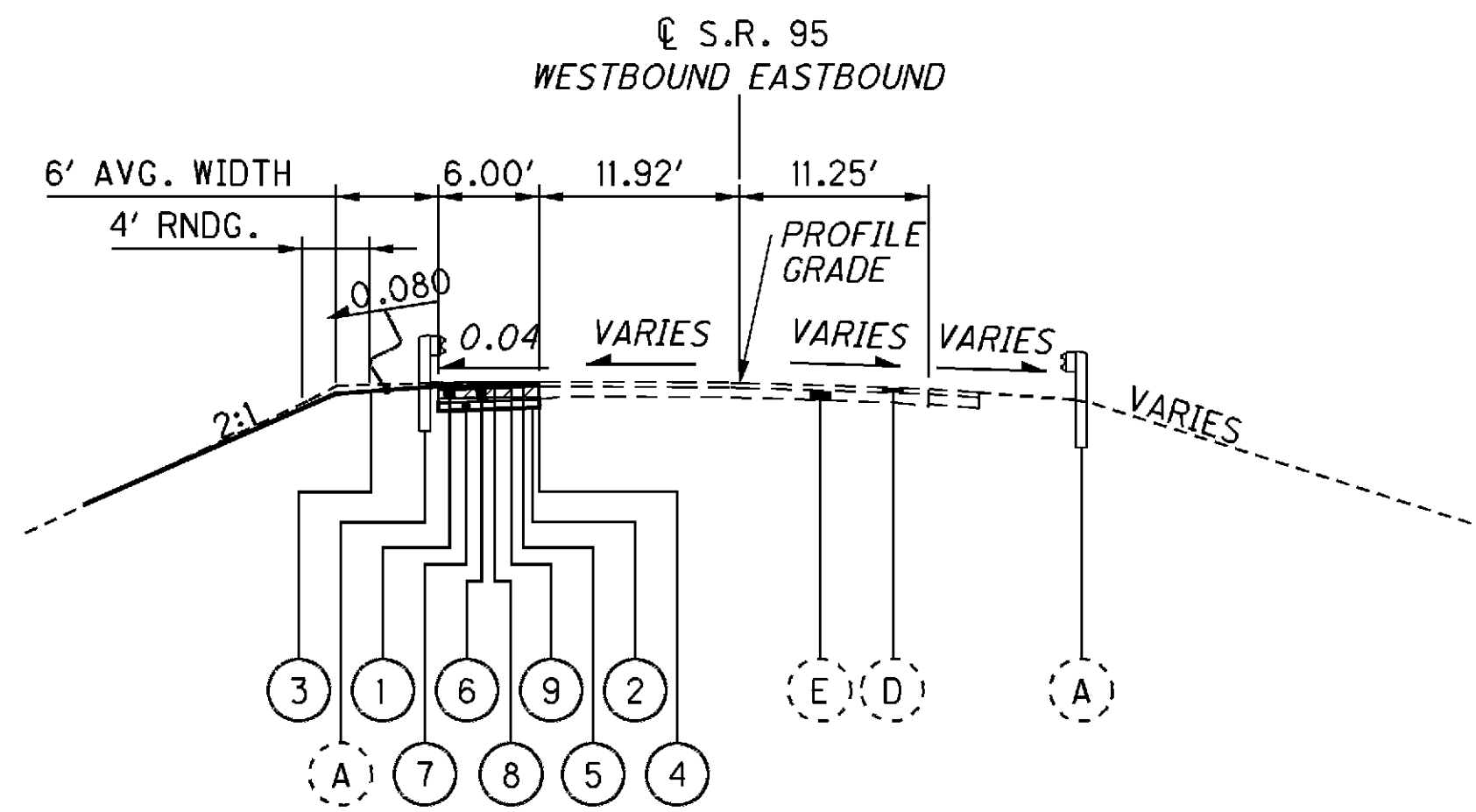
BENCHMARK POINTS						
BM #	STATION	OFFSET	ELEVATION	FEATURE	NORTHING	EASTING
1	428+14.63	16.88 LT.	1102.63	MAGS	321502.24	1879349.39
2	426+09.33	21.73 LT.	1101.81	IPIN	321541.54	1879147.84
3	427+44.29	30.13 RT.	1083.16	MAGS	321467.73	1879272.16





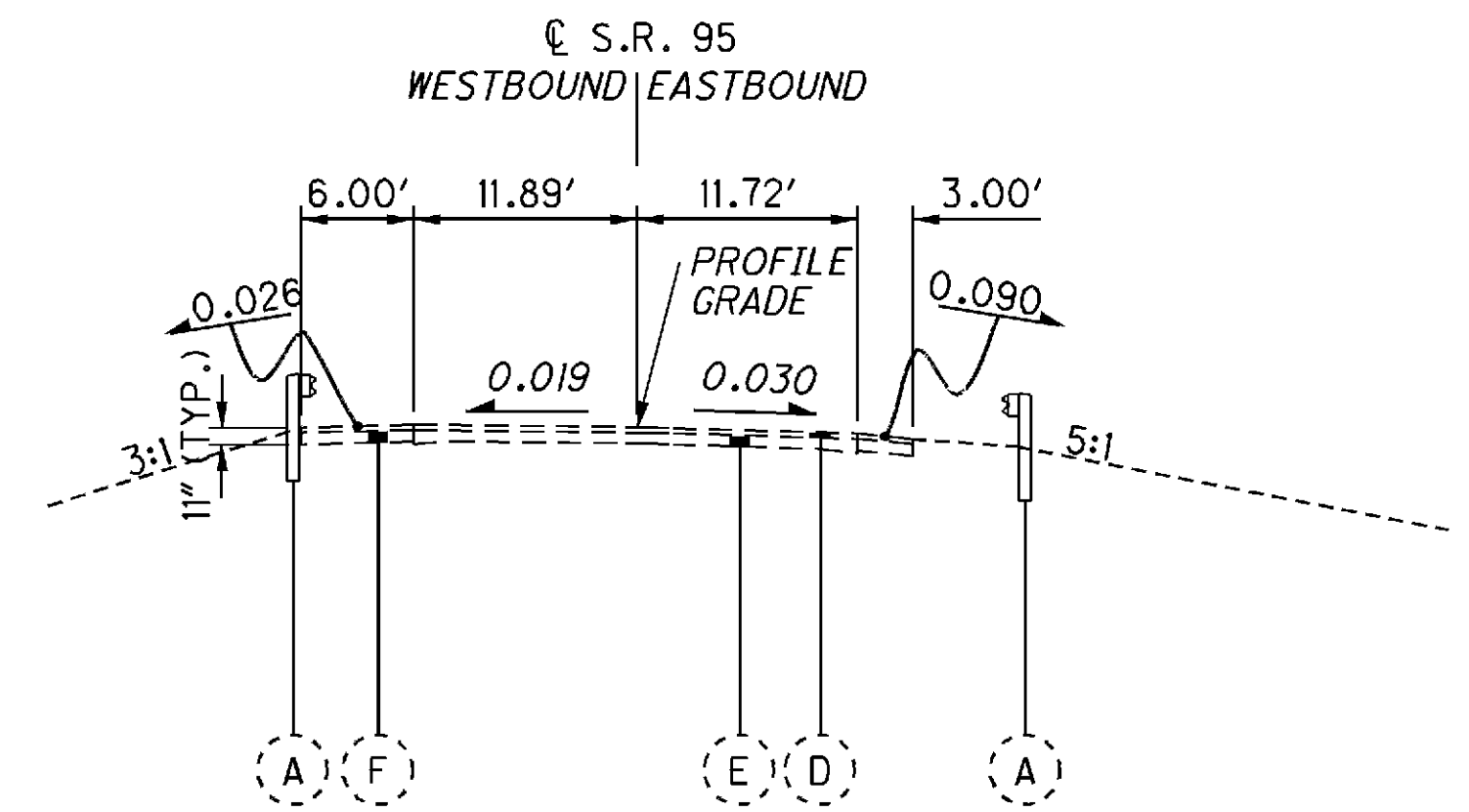
ADJOINING APPROACH SLAB SECTION - SR 95

STA 428+05.15



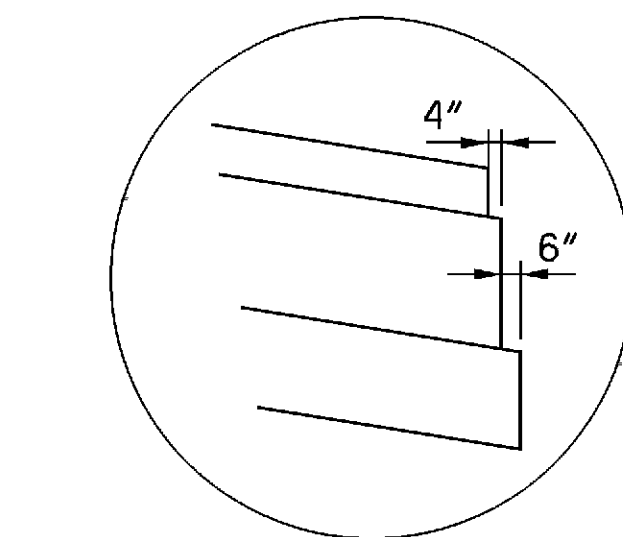
TYPICAL SECTION - SR 95

STA 428+05.15 TO STA 429+33.00



ADJOINING TYPICAL SECTION - SR 95

STA 429+33.00



BASE AND
SUBBASE STEP DETAIL

LEGEND

- ① ITEM 202 - CONCRETE BASE REMOVED
- ② ITEM 204 - SUBGRADE COMPACTION
- ③ ITEM 209 - RESHAPING UNDER GUARDRAIL, 6' AVERAGE WIDTH
- ④ ITEM 252 - FULL DEPTH PAVEMENT SAWING
- ⑤ ITEM 254 - 4" PAVEMENT PLANING, ASPHALT CONCRETE
- ⑥ ITEM 301 - 9" ASPHALT CONCRETE BASE, PG64-22
- ⑦ ITEM 304 - 6" AGGREGATE BASE
- ⑧ ITEM 407 - TACK COAT @ 0.075 GAL PER SQ. YD.
- ⑨ ITEM 448 - 3.0" ASPHALT SURFACE COURSE, TYPE 1, PG64-22 (2 LIFTS)
- Ⓐ EXISTING GUARDRAIL
- Ⓑ EXISTING BRIDGE TERMINAL ASSEMBLY
- Ⓒ EXISTING APPROACH SLAB
- Ⓓ EXISTING ASPHALT CONCRETE
- Ⓔ EXISTING PORTLAND CEMENT CONCRETE
- Ⓕ EXISTING CONCRETE CURB AND GUTTER

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GENERAL:

THE CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL IN WRITING BEFORE WORK IS STARTED ON THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

UTILITIES OWNERSHIP:

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS.

CENTURY LINK 175 ASHLAND ROAD MANSFIELD, OH 44902 1-419-755-7250	OHIO EDISON COMPANY 1040 SOUTH PROSPECT ST. MARION, OHIO 43302 1-740-382-7163
---	--

U.S. GEOLOGICAL SURVEY
6480 DOUBLETREE AVENUE
COLUMBUS, OH 43229
1-614-430-7700

VILLAGE OF MT. GILEAD-CITY MANAGER
111 NORTH CHERRY STREET
MT. GILEAD, OH 43338
1-419-946-1931

CONTINGENCY QUANTITIES:

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

WORK LIMITS:

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CONTRACTORS EQUIPMENT - OPERATION AND STORAGE:

THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC WHERE PRACTICAL. EQUIPMENT SHALL HAVE AT LEAST ONE AMBER FLASHING LIGHT. WHEN PARKED ALONG THE HIGHWAY, THE EQUIPMENT SHALL BE LOCATED EITHER A MINIMUM OF THIRTY FEET FROM THE EDGE OF PAVEMENT OR SIX FEET BEHIND GUARDRAIL WITH A MINIMUM OF 125 FEET OF GUARDRAIL PRECEDING THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT AN APPROVED CONTRACTOR'S STORAGE AREA.

LOCAL NOISE ORDINANCE:

IN AN EFFORT TO MINIMIZE NOISE DURING CONSTRUCTION, ALL CONSTRUCTION EQUIPMENT OPERATION MUST CONFORM TO ANY AND ALL PERTINENT LOCAL NOISE ORDINANCES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE IF THERE ARE ANY PERTINENT LOCAL NOISE ORDINANCES, AND, IF THERE ARE ANY, TO ENSURE THAT THEY ARE COMPLIED WITH THROUGHOUT THE CONSTRUCTION OF THE MRW-95-8.07 PROJECT.

INDIANA BAT HABITAT:

ALL TREES WITHIN THE WORK LIMITS CONTAINING SUITABLE BAT HABITAT HAVE BEEN REMOVED BY ODOT FORCES PRIOR TO APRIL 1, 2011.

WATER QUALITY PROTECTION:

NO TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, SOLVENTS, CLEANING AGENTS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND SHALL BE DISCHARGED TO ANY STREAMS, DRAINAGE COURSES, OR BODIES OF WATER. NO DEBRIS SHALL BE PLACED WITHIN THE 100-YEAR FLOODPLAIN BOUNDARY OF ANY WATERCOURSE.

THE CONTRACTOR SHALL TAKE GREAT CARE TO MINIMIZE THE POTENTIAL TO CONTAMINATE THE PUBLIC DRINKING WATER SUPPLY. ALL PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL BE PERFORMED IN AN ENVIRONMENTALLY RESPONSIBLE MANNER.

THE CONTRACTOR SHALL TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE AND WILL BE HELD RESPONSIBLE FOR THE CLEAN UP AND REMEDIATION OF ANY AND ALL SPILLS.

WATERSHED PROTECTION:

THE WORK ASSOCIATED WITH THIS PROJECT IS BEING PERFORMED WITHIN A SOURCE WATER PROTECTION AREA. IT IS ESSENTIAL THAT ALL ACTIVITIES ASSOCIATED WITH THIS WORK BE PERFORMED IN A MANNER CONSISTENT WITH BEST WATERSHED MANAGEMENT PRACTICES INCLUDING BUT NOT LIMITED TO:

AREAS OF DISTURBED GROUND SHALL HAVE APPROPRIATE EROSION AND SEDIMENT CONTROLS. IF HAZARDOUS/TOXIC MATERIALS INCLUDING BUT NOT LIMITED TO FUELS, OILS, BITUMEN'S PAINTS, SEALANTS, OR OTHER CHEMICALS, ARE STORED ON SITE, THEY SHALL BE STORED IN A DOUBLE-CONTAINMENT MANNER. ALL EQUIPMENT REPAIRS, MAINTENANCE, AND MECHANICAL WORK THAT COULD RESULT IN THE RELEASE OF HAZARDOUS/TOXIC MATERIALS SHALL BE PERFORMED IN AN APPROPRIATELY CONTAINED AREA, PREFERABLY OFF SITE OR AN APPROPRIATE OFF-SITE FACILITY.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INFORMING ALL SUBCONTRACTORS AND OTHER AGENTS OF THESE RESPONSIBILITIES, PRECAUTIONS, AND PROHIBITIONS.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS:

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. A COPY OF THE SUBMISSION AND TWO COPIES OF FORM 7460-1 SHALL BE FORWARDED TO THE ODOT OFFICE OF AVIATION.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS:

CONTINUED:

EXPRESS PROCESSING CENTER
THE FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
AIR TRAFFIC AIRSPACE BRANCH ASW-520
2601 MEACHAN BLVD.
FORT WORTH, TX 76137-4298

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
614-387-2346

TIME LIMITS ON IN-STREAM WORK

NO WORK BELOW THE ORDINARY HIGH WATER MARK SHALL OCCUR BETWEEN APRIL 15 AND JUNE 30.

ITEM 209 - RESHAPING UNDER GUARDRAIL, AS PER PLAN:

PERFORM LINEAR GRADING TO CREATE AN 8% CROSS SLOPE, AS SHOWN ON THE CROSS SECTIONS, UNDERNEATH THE EXISTING GUARDRAIL ALONG S.R. 95. THE AVERAGE WIDTH FOR THE GRADING IS 6', BUT VARIES BETWEEN 8' AND 2'. IF IT IS NECESSARY TO REMOVE GUARDRAIL TO PERFORM THE GRADING, IT IS CONSIDERED INCIDENTAL, AND NO ADDITIONAL PAYMENT SHALL BE MADE.

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE:

THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ANY AND ALL DAMAGE THAT MAY RESULT FROM THE PLANING OPERATION.

NO PLANED PAVEMENT SHALL BE LEFT EXPOSED TO TRAFFIC FOR MORE THAN FIVE CONSECUTIVE DAYS PRIOR TO THE PLACEMENT OF ITEM 448.

ITEM 407 - TACK COAT:

THE RATE OF APPLICATION OF ITEM 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES ONLY, THE PLAN INDICATES AN AVERAGE APPLICATION RATE OF TACK COAT AT 0.075 GALLON PER SQUARE YARD. THIS ITEM IS FOR USE WITH ITEM 448 AS DIRECTED BY THE ENGINEER. A COVER AGGREGATE SHALL BE USED IF HEAVY TRACKING OF THE TACK COAT ON TO THE EXISTING PAVEMENT SHOULD OCCUR DURING THE PAVING OPERATIONS. THE COST OF THE COVER AGGREGATE SHALL BE INCLUDED IN THE COST OF THIS ITEM.

ITEM 448 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22:

THIS MATERIAL WILL BE USED AS INTERMEDIATE AND SURFACE COURSES FOR THE SHOULDER ADJACENT TO THE PROPOSED LINEAR GRADING. ITEM 448 SHALL BE PLACED IN TWO CONSTANT LIFT THICKNESS OF NO GREATER THAN ONE AND A HALF (1.5) INCHES EACH OVER PROPOSED ASPHALT CONCRETE BASE COURSE.

ITEM 606 - GUARDRAIL, TYPE 5:

THE LOCATION OF GUARDRAIL RUNS AS SHOWN IN THESE PLANS, ARE SUBJECT TO ADJUSTMENT TO ASSURE THAT THE PLANNED INSTALLATION WILL AFFORD THE MAXIMUM PROTECTION FOR TRAFFIC.

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CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL:
WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A "W-BEAM RAIL SPLICE" AS SHOWN IN AASHTO M 180. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

GUARDRAIL POST HOLES:
ALL HOLES REMAINING AFTER REMOVAL OF GUARDRAIL POSTS SHALL BE FILLED WITH GRANULAR MATERIAL, EXCESS MATERIAL RESULTING FROM GUARDRAIL RECONSTRUCTION, OR EXCESS MATERIAL FROM BERM RESHAPING. FILL MATERIAL CONTAINING SOD SHALL NOT BE USED. ALL FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. MATERIAL PLACED IN HOLES SHALL BE THOROUGHLY COMPACTED AND LEVELED OFF AS DIRECTED BY THE ENGINEER. PAVEMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE FROM ITEM 202, GUARDRAIL REMOVED.

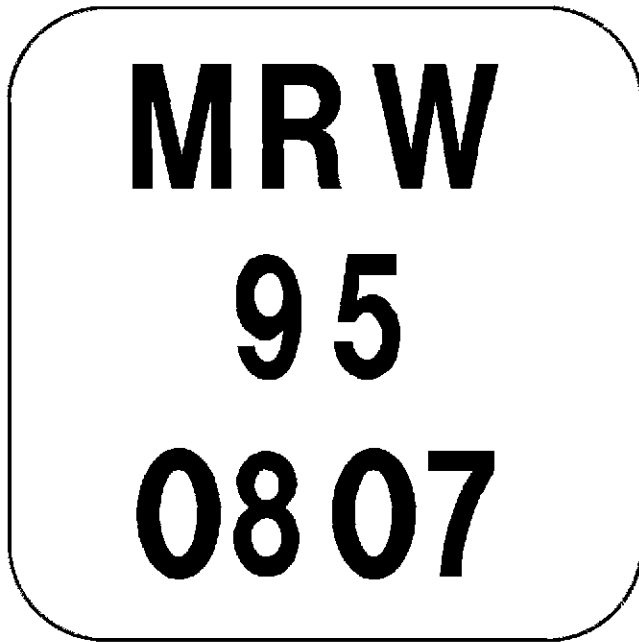
ITEM 623 - CONSTRUCTION LAYOUT STAKES:
THIS ITEM SHALL CONSIST OF STATIONING USING 3 FT LATH STAKES OR PAINT MARKINGS. THE STAKES OR PAINT MARKINGS SHALL BE SPACED AT 50 FT INTERVALS AND EXTEND THROUGHOUT THE LENGTH OF THE PROJECT. PLACEMENT OF THE STAKES OR PAINT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED, MISSING STAKES, OR PAINT MARKINGS. PAINT MARKINGS SHALL BE PLACED ON CURBS AND USED IN AREAS WERE THE PLACEMENT OF STAKES IS NOT POSSIBLE AND APPROVED BY THE PROJECT ENGINEER.

CONSTRUCTION LAYOUT STAKES WILL BE PAID FOR AT THE CONTRACT LUMP SUM BID, WHICH PRICE SHALL BE FULL COMPENSATION FOR ALL SERVICES, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS, INCLUDING THE REMOVAL, NECESSARY TO COMPLETE THIS ITEM.

ITEM 630 - SIGN, FLAT SHEET:
ITEM 630 - GROUND MOUNTED SUPPORT, NO. 2 POST:
THESE ITEMS SHALL BE USED TO PLACE NEW STRUCTURE IDENTIFICATION SIGNS AT THE FOLLOWING STRUCTURES: MRW-95-8.07

EACH SIGN SHALL BE ATTACHED TO THE CONCRETE PARAPET WITH CONCRETE ANCHORS AT THE RIGHT REAR LOCATION. IF THE BRIDGE DOES NOT HAVE A CONCRETE PARAPET, THE SIGN SHALL BE POST MOUNTED TO ONE NEW NO. 2 POST AS PER STANDARD CONSTRUCTION DRAWING TC-41.20 (MOST CURRENT REVISION) USING TWO 5/16" ALUMINUM BOLTS 2 1/2" IN LENGTH. THE POST SHALL BE 7'-0" LONG.

SIGNS SHALL BE SIZED AS PER SIGN I-H25a AS GIVEN IN THE ODOT SIGN DESIGN MANUAL (MOST CURRENT VERSION). ALL INCIDENTALS WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 630 - SIGN, FLAT SHEET.



BRIDGE ID SIGN
SIGN CODE I-H25a

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 630 - SIGN, FLAT SHEET, = 1.0 SQFT
ITEM 630 - GROUND MOUNTED SUPPORT, NO. 2 POST = 7 FT

ITEM 659 - SEEDING AND MULCHING:
SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS, FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES THAT ARE COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS. THE QUANTITIES LISTED IN THE PLANS ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS.

ELEVATION DATUM:
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. DATUM (NAVD 1988)

CLEARING AND GRUBBING:
REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES
3" TO 12"	49
12" TO 24"	4
24" TO 36"	1

PLEASE NOTE THAT THESE TOTALS REFLECT TREES WITHIN THE EXISTING R/W AND PROPOSED R/W. TREES WITHIN EXISTING R/W ARE NOT SHOWN ON THE PLAN AND PROFILE FOR CLARITY, BUT THESE TREES STILL NEED TO BE REMOVED.

FIELD VERIFICATION OF QUANTITIES:
DUE TO THE NATURE OF THE PROJECT BEING A SLIDE REPAIR AND EMERGENCY WORK BEING PERFORMED PRIOR TO BIDDING, THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF QUANTITIES PRIOR TO BIDDING AND THEN PRIOR TO CONSTRUCTION. THE ACTUAL WORK LOCATIONS AND QUANTITIES PERFORMED SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

TEMPORARY CONSTRUCTION FILL
ANY TEMPORARY CONSTRUCTION ACCESS FILL WITHIN "WATERS OF THE US" (EG., STREAMS, WETLANDS) SUBJECT TO US ARMY CORPS OF ENGINEERS (USACE) REGULATORY JURISDICTION WILL REQUIRE AUTHORIZATION BY THE USACE PRIOR TO THE PLACEMENT OF TEMPORARY FILL VIA THE WATERWAY PERMITTING PROCESS (404/401). ALL TEMPORARY CONSTRUCTION ACCESS FILLS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE WATERWAY PERMITS (404/401) AND SHOULD NOT EXCEED THE QUANTITIES AND/OR SURFACE AREA OF TEMPORARY FILL THAT HAS BEEN PERMITTED. ADDITIONALLY, SOME TEMPORARY CONSTRUCTION ACCESS FILLS MAY ONLY BE ALLOWED IN SPECIFIC LOCATIONS, PER THE WATERWAY PERMITS (404/401) AND /OR OTHER ENVIRONMENTAL COMMITMENTS, AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH ANY SUCH LOCATIONAL RESTRICTIONS TO AVOID ENVIRONMENTALLY SENSITIVE AREAS. THE WATERWAY PERMITS ARE ATTACHED TO THE CONSTRUCTION PLANS AS SPECIAL PROVISIONS AND ARE TO BE AVAILABLE IN THE PROJECT OFFICE. ALL TEMPORARY FILL FOR THE WORK PLATFORM SHALL BE REMOVED ONCE IT IS NO LONGER NEEDED FOR CONSTRUCTION ACTIVITIES. THE STREAM BED SHALL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.

ITEM 507 - STEEL PILES, MISC.: SOLDIER PILES - W27X84
THIS WORK CONSISTS OF FURNISHING AND PLACING STEEL SOLDIER PILES INTO DRILLED HOLES. FURNISH SOLDIER PILES CONSISTING OF STRUCTURAL STEEL MEMBERS THAT MEET THE PLAN REQUIREMENTS AND CONFORM TO ASTM 4572, GRADE 50. SOLDIER PILES SHALL BE GALVANIZED PER CMS SPEC. 711.02. DO NOT FIELD WELD OR SPLICE STEEL SOLDIER PILES.

MEASUREMENT FOR PAYMENT WILL BE LIMITED TO THE DISTANCE BETWEEN THE TOP OF WALL ELEVATION AND THE BOTTOM OF THE DRILLED SHAFT, AS DETERMINED BY THE ENGINEER. THE DEPARTMENT WILL PAY FOR SOLDIER PILES AT THE CONTRACT UNIT PRICE PER FOOT OF ITEM 507 - STEEL PILES, MISC.: SOLDIER PILES - W27X84.

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LAGGING SEATS

LAGGING SEATS SHALL BE PLACED AT THE CORRECT ELEVATION AND WELDED TO THE BEAM WHEN THE ELEVATION OF THE TOP OF SHAFT IS BELOW THE STARTING ELEVATION OF THE LAGGING. PAYMENT FOR LAGGING SEATS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE APPROPRIATE ITEM 507 - STEEL PILES MISC.: SOLDIER PILES W27X84.

ITEM 524 - DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN

ITEM 524 - DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN

THIS WORK CONSISTS OF FURNISHING AND INSTALLING DRILLED SHAFTS FOR SOLDIER PILE AND LAGGING WALLS. THE DRILLED SHAFTS ARE REINFORCED WITH SOLDIER PILES INSTEAD OF REINFORCING STEEL CAGES. THE SOLDIER PILES EXTEND ABOVE THE TOP OF THE DRILLED SHAFT. FURNISH AND INSTALL DRILLED SHAFTS IN ACCORDANCE WITH CMS 524 EXCEPT AS MODIFIED AND SUPPLEMENTED BELOW.

EXCAVATE THE HOLE FOR THE DRILLED SHAFTS WITHIN 3 INCHES OF THE PLAN LOCATION IN THE HORIZONTAL PLANE. IF FIELD CONDITIONS INDICATE GREATER DEPTHS, NOTIFY THE ENGINEER FOR FURTHER EVALUATION.

PLACE THE SOLDIER PILE VERTICALLY WITHIN THE HOLE SO IT IS NOT INCLINED MORE THAN 1" BETWEEN THE TOP AND BOTTOM. PLACE THE SOLDIER PILE SO THAT THE FLANGES ARE PARALLEL TO THE BASELINE FOR WALL CONSTRUCTION. DO NOT ALLOW THE ORIENTATION OF THE FLANGES TO VARY BY MORE THAN 10 DEGREES. SUPPORT THE SOLDIER PILE SO THAT IT DOES NOT MOVE DURING CONCRETE PLACEMENT.

USE CLASS C CONCRETE ACCORDING TO CMS 511. PLACE CONCRETE TO THE ELEVATION FOR THE BOTTOM OF THE PRECAST LAGGING. THE CONTRACTOR MAY PLACE CONCRETE USING THE FREE FALL METHOD PROVIDED THE DEPTH OF WATER IS LESS THAN 6 INCHES AND THE CONCRETE FALLS WITHOUT STRIKING THE SIDES OF THE HOLE. POURING CONCRETE ALONG THE WEB OF THE SOLDIER PILE IS ACCEPTABLE.

CHECK THE POSITION, THE VERTICAL ALIGNMENT AND ORIENTATION OF THE SOLDIER PILE IMMEDIATELY AFTER CONCRETE PLACEMENT. MAKE CORRECTIONS AS NECESSARY TO MEET THE ABOVE TOLERANCES. PLACE LOW STRENGTH MORTAR (LSM) IN DRILLED SHAFT HOLES FROM TOP OF SHAFT TO GROUND LEVEL. PLACE PRECAST LAGGING SO THAT THE SOLDIER PILE FLANGE OVERLAPS THE END OF THE LAGGING BY AT LEAST 3 INCHES AT BOTH ENDS OF THE LAGGING.

PROTECTION OF UNATTENDED OPEN SHAFTS

CARE SHALL BE EXERCISED AS TO COVER UNATTENDED OPEN SHAFTS. TEMPORARY COVERS SHALL BE OF ADEQUATE STRENGTH TO PREVENT A PERSON OR ANIMAL FROM FALLING IN.

ACCESS

ANY TEMPORARY GRADING, AGGREGATE, DRAINAGE, ETC. NEEDED FOR ACCESS TO THE WORK AREA SHALL BE INCLUDED IN THE BID PRICE FOR THE DRILLED SHAFTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS USED TO CONSTRUCT THE DRILLED SHAFTS AND PLACE CONCRETE PANELS. THE COST OF ANY EXCAVATION AND SUBSEQUENT REPLACEMENT OF EMBANKMENT (PER ITEM 203 EMBANKMENT) SHALL BE INCLUDED IN THE VARIOUS BID ITEMS FOR THE DRILLED SHAFTS AND CONCRETE PANELS. NO SEPARATE PAYMENT WILL BE MADE.

PAYMENT IS FULL COMPENSATION FOR CONSTRUCTING THE DRILLED SHAFTS, INCLUDING FURNISHING AND PLACING CONRETE AND LSM, AND REMOVAL OF CONCRETE OR LSM FROM AROUND THE SOLDIER PILE IN ORDER TO PLACE PRECAST LAGGING.

PAYMENT FOR SOIL OVERBURDEN DRILLING, WHICH IS GROUND LEVEL TO THE TOP OF THE SHAFT, SHALL BE INCLUDED IN ITEM 524 DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK.

MEASUREMENT FOR PAYMENT FOR DRILLED SHAFTS ABOVE BEDROCK, AS PER PLAN, WILL BE MEASURED ALONG THE AXIS OF THE DRILLED SHAFT FROM THE TOP OF THE SHAFT TO THE TOP OF BEDROCK, AS DETERMINED BY THE ENGINEER. MEASUREMENT FOR PAYMENT FOR DRILLED SHAFTS INTO BEDROCK, AS PER PLAN, WILL BE LIMITED TO THE DISTANCE BETWEEN THE TOP OF BEDROCK AND THE BOTTOM OF THE DRILLED SHAFT, AS DETERMINED BY THE ENGINEER.

ITEM SPECIAL - RETAINING WALL, MISC.: PRECAST CONCRETE LAGGING

THIS WORK CONSISTS OF FURNISHING AND PLACING PRECAST REINFORCED CONCRETE PANELS BETWEEN THE SOLDIER PILES TO FUNCTION AS LAGGING FOR THE RETAINING WALL. PROVIDE CONCRETE WITH A 28-DAY DESIGN STRENGTH OF AT LEAST 4000 PSI ACCORDING TO CMS 499. PROVIDE EPOXY COATED REINFORCING STEEL ACCORDING TO CMS 709.00. IN LIEU OF EPOXY COATING, A CORROSION INHIBITING CONCRETE ADMIXTURE MAY BE USED AT THE SPECIFIED DOSAGE RATE. A QUALIFIED PRODUCT LIST OF CORROSION INHIBITING ADMIXTURES IS ON FILE AT THE LABORATORY. MANUFACTURERS SHOULD RECOGNIZE THAT THE CORROSIION INHIBITOR MAY AFFECT THE STRENGTH, ENTRAINED AIR CONTENT, WORKABILITY, ETC. OF THEIR CONCRETE MIXES. THE MANUFACTURER'S CHOICE TO USE ONE OF THESE CORROSION INHIBITORS DOES NOT ALLEVIATE MEETING ALL DESIGN REQUIREMENTS. DO NOT ALLOW THE DIMENSIONS OF THE REINFORCING STEEL TO VARY BT MORE THAN ¼ INCH. PERMANENTLY MARK EACH PANEL TO INDICATE THE FACE TO BE PLACED AGAINST THE SOIL. PLACE THE PANEL BETWEEN THE FLANGES OF THE SOLDIER PILES AND BEARING AGAINST THE FLANGES ON THE EXPOSED SIDE OF THE WALL.

THE DEPARTMENT WILL PAY FOR PRECAST LAGGING AT THE CONTRACT UNIT PRICE PER EACH FOR ITEM 530 - SPECIAL, RETAINING WALL, MISC.: PRECAST CONCRETE LAGGING.

ITEM 518 - POROUS BACKFILL WITH FILTER FABRIC, AS PER PLAN

POROUS BACKFILL, 2.5' THICKNESS, WILL BE PLACED AS SHOWN IN THE DETAILS. IT WILL EXTEND FROM 1' BELOW THE PROPOSED GROUND LINE ON THE BANK SIDE OF THE SHAFT TO THE BOTTOM OF THE 6" PERFORATED DRAIN PIPE. FILTER FABRIC TYPE A WILL BE PLACED AROUND THE POROUS BACKFILL AS SHOWN ON SHEET 32 .

THE POROUS BACKFILL SHALL CONFORM TO THE SPECIFICATIONS OF ITEM 518 IN THE ODOT CMS WITH THE ADDITIONAL REQUIREMENT THAT THE MATERIAL SHALL BE PAID FOR UNDER ITEM 518, POROUS BACKFILL WITH FILTER FABRIC, AS PER PLAN.

ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C WITH FILTER

THE ROCK CHANNEL PROTECTION SHALL BE TYPE "C" PER ITEM 601.09, AND BE PLACED 18" THICK NORMAL TO THE SLOPE. PAYMENT FOR THE ABOVE SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 503 - UNCLASSIFIED EXCAVATION (FOR GABIONS)

ALL EXCAVATION SHALL BE AS SHOWN IN THE PLANS AND AS NECESSARY TO CONSTRUCT THE GABIONS SUCH THAT MAXIMUM PROTECTION IS CREATED FOR THE CREEK/EMBANKMENT SLOPES AND STRUCTURE PIER.

NOTE THAT THERE ARE 4 PANELS OF SHEET PILING ADJACENT TO THE BRIDGE ABUTMENT THAT ARE REQUIRED TO BE REMOVED AS PART OF THE EXCAVATION FOR THE GABION WALL. THIS IS INCIDENTAL TO THE UNCLASSIFIED EXCAVATION.

EXCAVATE TO THE ELEVATION 1,075', EXPOSING THE SIDE OF THE BRIDGE PIER AND THE FRONT FACE OF THE SOLDIER PILE WALL DOWN TO THIS ELEVATION. ANY SOFT SOILS ENCOUNTERED AT THE FOUNDATION ELEVATION SHALL BE UNDERCUT DOWN TO THE TOP OF WEATHERED BEDROCK. ANY UNDERCUTS ARE TO BE BACKFILLED WITH GRANULAR MATERIAL TYPE B, PRODUCING A SURFACE FREE OF ALL SHARP BREAKS, MOUNDS AND GULLIES.

THE FOUNDATION FOR THE GABION WALL, AT ELEVATION 1,075', SHALL BE COVERED OVER WITH GEOTEXTILE FABRIC TYPE B, PER THE SPECIFICATIONS FOR ITEM 601.09, FILTER FABRIC FOR ROCK CHANNEL PROTECTION.

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 203 - GRANULAR MATERIAL, TYPE B = 8 CU YD

ITEM 503 - UNCLASSIFIED EXCAVATION = 8 CU YD

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ITEM 511 - CLASS C CONCRETE, AS PER PLAN

THE THREE FRONT 3'X3'X3' BLOCKS OF THE LOWEST TIER IN THE SIDE FACE OF THE GABION BLOCK WALL SHALL BE FORMED OUT OF A BLOCK OF CAST-IN-PLACE CONCRETE, CLASS C, INSTEAD OF GABIONS. THE BLOCK SHALL BE FORMED AROUND THE EXISTING BRIDGE PIER FOOTING, IN ORDER TO A FORM A TIGHT FIT BETWEEN THE GABION BLOCK WALL AND THE PIER FOOTER.

A NARROW CLOSURE PANEL OF CLASS C CONCRETE SHALL BE PLACED BETWEEN THE END OF THE SOLDIER PILE WALL AND THE BACK FACE OF THE GABION BLOCK WALL, IN ORDER TO PREVENT THE BACKFILL MATERIAL FROM PASSING BETWEEN THE STRUCTURES. THE PANEL SHALL BE 10" THICK AND EXTEND FROM THE TOP OF THE DRILLED SHAFT TO 6" ABOVE THE TOP OF THE GABION WALL.

THE CLOSURE PANEL SHALL BE REINFORCED WITH #5 BARS AS SHOWN ON SHEET 33. THE COST OF PROVIDING AND INSTALLING THE BARS SHALL BE INCIDENTAL TO THE COST OF THE CONCRETE.

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 511 - CLASS C CONCRETE, AS PER PLAN = 4 CU YD

ITEM 838 - GABIONS

THE GABION WALL SHALL BE CONSTRUCTED PER SUPPLEMENTAL SPECIFICATION 838, GABIONS. THE GABION BLOCK WALL IS TO BE CONSTRUCTED OUT OF GABION BLOCKS 3'X3'X3', OR OF BLOCKS 3' WIDE BY 3' HIGH, WITH A LENGTH EQUAL TO A MULTIPLE OF 3'. THE BACK AND SIDE FACES OF THE GABION BLOCK WALL SHALL BE COVERED OVER WITH GEOTEXTILE FABRIC TYPE B, PER THE SPECIFICATIONS FOR ITEM 601.09, FILTER FABRIC FOR ROCK CHANNEL PROTECTION. BACKFILL THE EXCAVATION BEHIND THE GABION BLOCK WALL PER ITEM 503, EXCAVATION FOR STRUCTURE.

ITEM 518 - STRUCTURE DRAINAGE, MISC.: DRAIN CLEANING

REMOVE SEDIMENT AND DEBRIS FROM THE EXISTING STRUCTURE DRAIN CONDUIT. DO NOT UTILIZE HIGH PRESSURE JETS TO REMOVE THE SEDIMENT.

PAYMENT FOR DRAIN CLEANING SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 518 - STRUCTURE DRAINAGE, MISC.: DRAIN CLEANING.

ITEM SPECIAL - PATCHING CONCRETE BRIDGE DECK - TYPE B

PERFORM DECK PATCHING PER PROPOSAL NOTE 512. A QUANTITY OF 163 SQ YD HAS BEEN PROVIDED FOR USE AT THE DIRECTION OF THE PROJECT ENGINEER. THE QUANTITY IS BASED UPON 20% OF THE EXISTING DECK & APPROACH SLAB AREA.

SURVEYING POSITIONAL PARAMETERS

USE THE FOLLOWING VERTICAL AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: GEOID 2009

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD 83 (CORS)
ELLIPSOID: WGS 84
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE NORTH
COMBINED SCALE FACTOR: 1.0
ORIGIN OF SCALE (X,Y) -
EASTING (X): N/A NORTHING (Y): N/A
COMBINED SCALE FACTOR: 1.0
COMPUTATION POINT (X,Y,Z) - N/A
EASTING (X): N/A NORTHING (Y): N/A
ELEVATION (Z): N/A

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MAINTENANCE OF TRAFFIC - SUMMARY OF WORK ITEMS:

SR 95 - WORK ON STRUCTURE OVER WHETSTONE CREEK WILL INCLUDE CONSTRUCTION OF A RETAINING WALL AND WILL BE PERFORMED WITHOUT LANE RESTRICTIONS.

SR 95 - WORK ON SR 95 WILL ALSO INCLUDE RECONSTRUCTION OF THE WESTBOUND SHOULDER ADJACENT TO THE EAST APPROACH SLAB OF THE BRIDGE. SHORT TERM SINGLE LANE CLOSURES IN ACCORDANCE WITH MT-97.10 ARE PERMITTED FOR TRAFFIC CONTROL SETUP.

DECK REPAIR SEALING ON STRUCTURE MRW-95-8.07 - THIS WORK WILL REQUIRE SHORT TERM LANE CLOSURE (ONE NIGHT) OF ONE LANE OF SR-95 IN ACCORDANCE WITH MT-97.10.

WHEN USING MT-97.10, A TRUCK MOUNTED ATTENUATOR IS TO BE PROVIDED TO PROTECT THE WORK ZONE AND IS TO BE PAID FOR UNDER THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

ALL LANE CLOSURES OF SR-95 ARE TO BE DURING TIMES GIVEN IN ALLOWABLE LANE CLOSURE TABLE GIVEN BELOW.

ALLOWABLE LANE CLOSURE TABLE		
Minimum required number of open lanes		
	Mon-Fri	Sat*-Sun
Midnight-6AM	1	1
6AM-8AM	2	1
8AM-4PM	1	1
4PM-6PM	2	1
6PM-Midnight	1	1
Note 1: Disincentives will be assessed in the amount of \$50 for each minute the minimum number of lanes open is not met.		

GENERAL:

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION). COPIES ARE AVAILABLE FROM:

THE OHIO DEPARTMENT OF TRANSPORTATION
BUREAU OF TRAFFIC,
1980 WEST BROAD STREET
COLUMBUS, OHIO 43223.

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

NOTIFICATION OF CONSTRUCTION INITIATION:

AT LEAST FOURTEEN DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT D06.PIO@DOT.STATE.OH.US AND THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT D06.MOT@DOT.STATE.OH.US OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL LOCAL, COUNTY, STATE AND FEDERAL EMERGENCY SERVICES AND EVERY AFFECTED SCHOOL FACILITY OF ANY ANTICIPATED ROAD CLOSURES AT LEAST FOURTEEN (14) DAYS BEFORE THE CLOSURE. SPECIFICALLY, THE ROAD CLOSURE NOTICE MUST DISCLOSE 1) THE EXACT PORTION OF THE ROAD TO BE CLOSED 2) THE DATE OF THE ANTICIPATED CLOSURE 3) THE DURATION OF THE CLOSURE 4) AND THE DETOUR ROUTE(S). A COPY OF THIS NOTIFICATION MUST BE PRESENTED AT THE PRECONSTRUCTION MEETING. THE CONTRACTOR IS ALSO RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER WHEN, INCLUDING DATE AND TIME, THE NOTIFICATION IS DISTRIBUTED. A COPY OF EVERY NOTIFICATION MUST BE SENT TO ODOT COMMUNICATIONS AT D06.PIO@STATE.OH.US.

NOTIFICATION OF TRAFFIC RESTRICTIONS:

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE BUT IS NOT LIMITED TO ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHOULD LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, DETOUR ROUTES IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS: (CONT.)

Notification Time Frame Table		
Item	Duration of Closure	Notification due to District 6 Communications Office
Ramp and Road Closures	>= 2 weeks	14 business days prior to closure
	> 12 hours and < 2 weeks	7 business days prior to closure
	< 12 hours	2 business days prior to closure
Lane Closures/Restrictions	>= 2 weeks	7 business days prior to closure
	< 2 weeks	2 business days prior to closure

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME FRAME TABLE.

USE OF STANDARD DRAWINGS:

FOR THE PURPOSE OF THIS PROJECT, "MOVING OPERATION" SHALL BE LIMITED TO PAVEMENT MARKING STRIPING. IT MAY BE NECESSARY TO EXTEND THE ADVANCE WARNING AND BUFFER ZONES BEYOND THE MINIMUM DISTANCES SHOWN ON THE STANDARD DRAWINGS. THIS MAY BE DUE TO HORIZONTAL ALIGNMENT, VERTICAL ALIGNMENT, RAMP LOCATIONS, OR OTHER SIGHT OBSTRUCTIONS. LOCATIONS OF THE TAPER ZONES MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER, BUT TAPER LENGTHS MUST MEET THE MINIMUM STANDARDS. TAPERS SHOULD BE PLACED IN TANGENT SECTIONS WHENEVER POSSIBLE. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

ITEM 614 - MAINTAINING TRAFFIC:

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS):

NO WORK SHALL BE PERFORMED AND THE SAME NUMBER OF LANES AS WERE AVAILABLE AT THE START OF THE PROJECT SHALL BE OPEN TO TRAFFIC ON SR-95 DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING

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ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS): CONTINUED
THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N TUESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS:
USE OF LAW ENFORCEMENT OFFICERS (LEOs) BY CONTRACTORS OTHER THAN THE USES SPECIFIED IN THIS NOTE WILL NOT GENERALLY BE PERMITTED AT PROJECT COST UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER. LEOs SHOULD NOT BE USED WHERE THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS:

- FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED. IN GENERAL, LEOs SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH INTERSECTIONS IN WORK ZONES.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS: (CONT.)
LEOs SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST’S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOs WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOs AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOs. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOs’ DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A LIST OF THE APPROPRIATE LAW ENFORCEMENT AGENCY(S), INCLUDING ADDRESS AND TELEPHONE NUMBER.

THE LEO SHOULD REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING THE SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF THE SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHOULD NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF THE SHIFT.

LAW ENFORCEMENT OFFICERS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

THE HOURS PAID SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE = 30 HOURS

ITEM 614- MAINTENANCE OF TRAFFIC:
THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B = 5 CU YD
ITEM 616 - WATER = 1 M GAL

ITEM 614 - MAINTENANCE OF TRAFFIC:
ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

TRENCH FOR WIDENING:
TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

EXTRA ADVANCE WARNING SIGNS:
AN EXTRA ADVANCE WARNING SIGN GROUP CONSISTS OF ONE W20-1 (ROAD WORK AHEAD) SIGN, ONE W20-5 (RIGHT LANE CLOSED AHEAD) SIGN WITH W16-3A DISTANCE PLATE, AND ONE W3-H7 (WATCH FOR STOPPED TRAFFIC) SIGN AND REQUIRED WARNING LIGHTS.

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND REMOVE EXTRA ADVANCE WARNING SIGN GROUPS AS SHOWN ON SCD MT-95.50 AT THE FOLLOWING DISTANCES IN ADVANCE OF THE LANE TAPERS WITH THE APPROPRIATE W16-3A DISTANCE PLATES:

1) LANE TAPER NO. 1, STATION 429+33 LT., FOR USE DURING SHOULDER WORK; PROVIDE SIGN GROUPS AT 500 FEET, 1,000 FEET AND 1,500 FEET.

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SHEET NUMBER														ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	GENERAL SUMMARY
4-7	8-9	12	13	15-18	22-30	31-33														
																		ROADWAY		
LUMP														201	11000	LUMP		CLEARING AND GRUBBING	6	
			86											202	23900	86	SQ YD	CONCRETE BASE REMOVED		
			34											202	35100	34	FT	PIPE REMOVED, 24" AND UNDER		
			50											202	38000	50	FT	GUARDRAIL REMOVED		
			1											202	47200	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE		
			1											202	58100	1	EACH	CATCH BASIN REMOVED		
		83												203	10000	83	CU YD	EXCAVATION		
		242												203	20000	242	CU YD	EMBANKMENT		
			97											204	10000	97	SQ YD	SUBGRADE COMPACTION		
			1.28											209	15001	1.28	STATION	RESHAPING UNDER GUARDRAIL, AS PER PLAN	5	
			50											606	13000	50	FT	GUARDRAIL, TYPE 5		
			1											606	35150	1	EACH	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 4		
																		EROSION CONTROL		
			115											601	21060	115	SQ YD	TIED CONCRETE BLOCK MAT, TYPE 2		
			376											601	32200	376	CU YD	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		
		22												659	00300	22	CU YD	TOPSOIL		
		230												659	10000	230	SQ YD	SEEDING AND MULCHING		
		12												659	14000	12	SQ YD	REPAIR SEEDING AND MULCHING		
		12												659	15000	12	SQ YD	INTER-SEEDING		
		0.03												659	20000	0.03	TON	COMMERCIAL FERTILIZER		
		0.05												659	31000	0.05	ACRE	LIME		
		1												659	35000	1	M GAL	WATER		
														832	30000	1,000	EACH	EROSION CONTROL		
																		PAVEMENT		
			128											252	01500	128	FT	FULL DEPTH PAVEMENT SAWING		
			86											254	01000	86	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE		
			23											301	46000	23	CU YD	ASPHALT CONCRETE BASE, PG64-22		
			17											304	20000	17	CU YD	AGGREGATE BASE		
			7											407	10000	7	GALLON	TACK COAT		
			8											448	47020	8	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22		
																		TRAFFIC CONTROL		
7														630	02100	7	FT	GROUND MOUNTED SUPPORT, NO. 2 POST		
1														630	80100	1	SQ FT	SIGN, FLAT SHEET		
			1											630	85100	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION		
			1											630	86010	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION		
			0.14											642	00090	0.14	MILE	EDGE LINE		
			0.07											642	00290	0.07	MILE	CENTER LINE		
																		RETAINING WALLS FOR STRUCTURE MRW-95-8.07 SFN:5902029		
8														203	35110	8	CU YD	GRANULAR MATERIAL, TYPE B		
8														503	21100	8	CU YD	UNCLASSIFIED EXCAVATION		
						246								507	00400	246	FT	STEEL PILES, MISC.: SOLDIER PILES W27x84	6	
4														511	46001	4	CU YD	CLASS C CONCRETE, AS PER PLAN	7	
						52								518	21201	52	CU YD	POROUS BACKFILL WITH FILTER FABRIC, AS PER PLAN	7	
			60											518	40000	60	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		
LUMP														518	63300	LUMP		STRUCTURE DRAINAGE, MISC.: DRAIN CLEANING	7	
						59								524	94703	59	FT	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN	6	
						96								524	94705	96	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN	6	
						13								SPECIAL	61050000	13	EACH	RETAINING WALL, MISC.: PRECAST CONCRETE LAGGING, 3' HEIGHT	6	
						9								SPECIAL	61050000	9	EACH	RETAINING WALL, MISC.: PRECAST CONCRETE LAGGING, 4' HEIGHT	6	
						12								613	41200	12	CU YD	LOW STRENGTH MORTAR BACKFILL		
						59								838	20700	59	CU YD	GABIONS		

[illegible]

ITEM 659 - SEEDING AND MULCHING = 230 SQ YD

$$230 \text{ SQ YD} / 1000 = 0.2$$

$$0.2 \times 111 \text{ CU YDS} = 22 \text{ CU YDS}$$

ITEM 659 - TOPSOIL = 22 CU YD

30 POUNDS PER 1000 SQ FT OF SEEDING.

230	SQ YD OF SEEDING AND MULCHING (FROM TABLE)
230 X 9 SQ FT / SQ YD =	2,070 SQ FT

$$2070 / 1,000 = 2.1$$

2.1 X 30 POUNDS = 63 POUNDS = 0.03 TONS

ITEM 659 - COMMERCIAL FERTILIZER = 0.03 TON

BASED ON THE AREA OF SEEDING.

230	SQ YD OF SEEDING AND MULCHING (FROM TABLE)
230 X 9 SQ FT / SQ YD =	2,070 SQ FT

$$2070 / 43,560 \text{ SQ FT} / \text{ACRE} = 0.05 \text{ ACRE}$$

ITEM 659 - LIME = 0.05 ACRE

5% OF THE SEEDING AREA.

230	SQ YD OF SEEDING AND MULCHING (FROM TABLE)
230 SQ YD X 0.05 =	12 SQ YDS

ITEM 659 - REPAIR SEEDING =	12	SQ YD
AND MULCHING		

5% OF THE SEEDING AREA.

230	SQ YD OF SEEDING AND MULCHING (FROM TABLE)
230 SQ YD X 0.05 =	12 SQ YDS

ITEM 659 - INTER-SEEDING = 12 SQ YD

SQ FT OF SEEDING

230	SQ YD OF SEEDING AND MULCHING (FROM TABLE)		
230 X 9 SQ FT / SQ YD =	2,070	SQ FT	

$$2070 / 1,000 = 2.1$$

$$2.1 \times 300 \text{ GAL.} \times 2 = 1,260 \text{ GALLONS} = 1 \text{ M GAL}$$

ITEM 659 - WATER = 1 M GAL

PAVEMENT MARKING SUBSUMMARY									
SHEET NO.	REFERENCE NO.	STATION		SIDE	LENGTH	642	642	642	REMARKS
						EDGE LINE	CENTER LINE	EQUIV. SOLID LINE	
		FROM	TO			FT	MILE	MILE	
14	EL-1	426+07.15	429+33.00	LT	326	0.07			
14	EL-2	426+07.15	429+33.00	RT	326	0.07			
14	CL-1	426+07.15	429+33.00		326		0.07	0.14	DOUBLE YELLOW
SUBTOTAL						0.14	0.07	0.14	
TOTALS CARRIED TO GENERAL SUMMARY						0.14	0.07		

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GUARDRAIL SUBSUMMARY										
SHEET NO.	REF NO.	STATION		SIDE	DESCRIPTION	202		209	606	
						GUARDRAIL REMOVED	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE	RESHAPING UNDER GUARDRAIL, AS PER PLAN	GUARDRAIL, TYPE 5	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 4
		FROM	TO			FT	EACH	STATION	FT	EACH
14	GR-1	428+87.50	429+12.50	LT.	LEFT DEPRESSED FLUME	25			25	
14	GR-2	427+95.65	428+22.65	RT.	RIGHT DEPRESSED FLUME	25	1		25	1
14	GR-3	428+05.15	429+33.00	LT.				1.28		
TOTALS CARRIED TO GENERAL SUMMARY						50	1	1.28	50	1

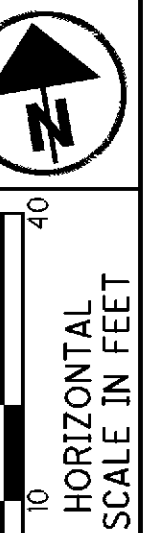
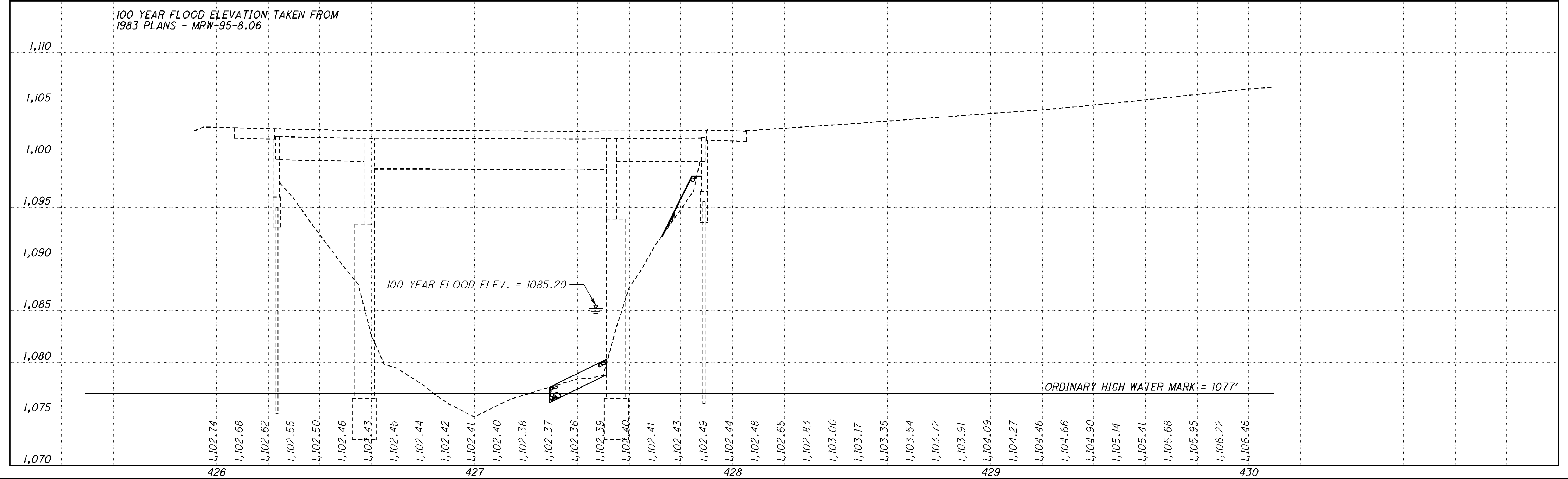
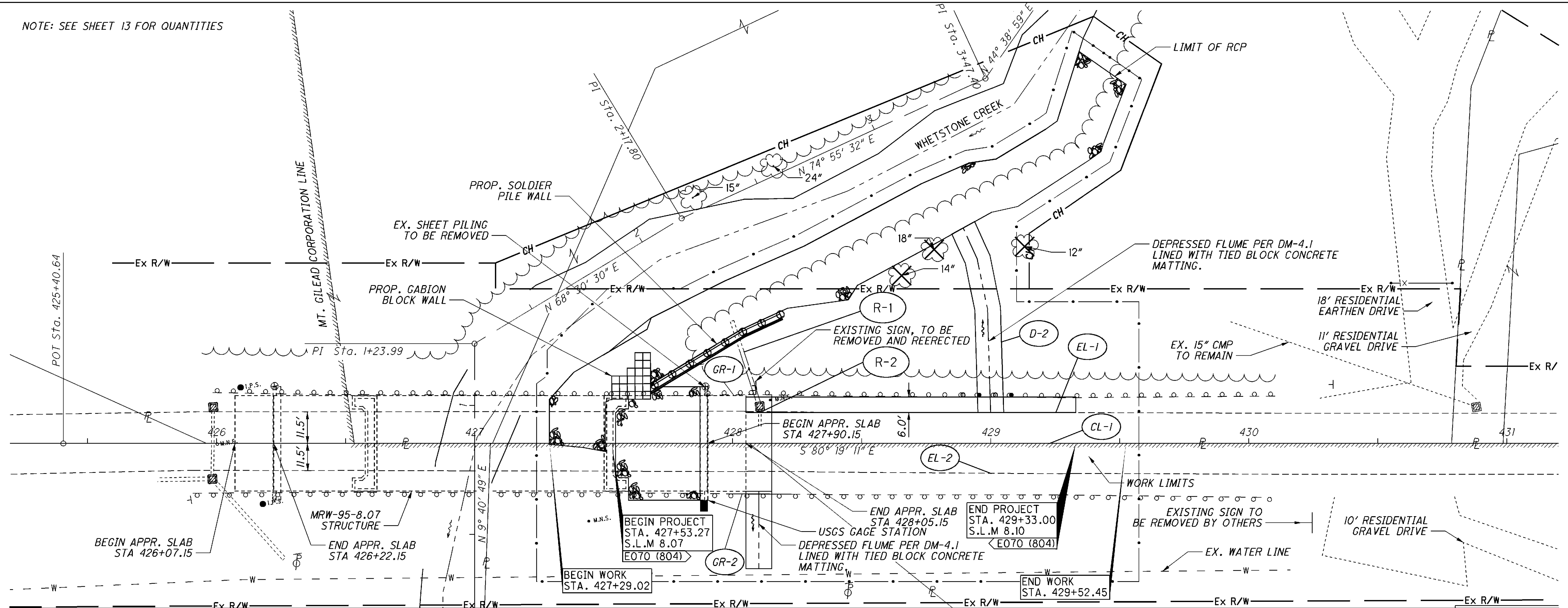
SUBSUMMARIES & CALCULATIONS

MISCELLANEOUS SUBSUMMARY													
REF. NO.	SHEET NO.	STATION		OFFSET	SIDE	SIZE (INCHES)	202	202	518	630	630	601	601
							PIPE REMOVED, 24" AND UNDER	CATCH BASIN REMOVED	6" PERFORATED CORRUGATED PLASTIC PIPE	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	TIED CONCRETE BLOCK MAT, TYPE 2	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
		FROM	TO	FT			FT	EACH	FT	EACH	EACH	SQ YD	CU YD
R-1	19	427+99.10	428+10.55	47.24 TO 14.35	LT	18	34						
R-2	19	428+10.55		14.35	LT			1					
D-1	19	427+68.25	428+19.01	19.40 TO 48.58	LT	6			60				
S-1	14	428+08.95		20.58	LT					1	1		
D-1	17	472+29.02	429+52.45	0.33 RT TO 139.28 LT	BOTH								376
D-2	14	428+89.36	429+00.00	83.60 TO 12.00	LT							115	
TOTALS CARRIED TO GENERAL SUMMARY							34	1	60	1	1	115	376

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PAVEMENT SUBSUMMARY																					
REFERENCE SHEET	STATION		SIDE	LENGTH	202		204		252		254		301		304		407		448		REMARKS
					CONCRETE BASE REMOVED		SUBGRADE COMPACTION		FULL DEPTH PAVEMENT SAWING		PAVEMENT PLANING, ASPHALT CONCRETE 4" DEPTH		9" ASPHALT CONCRETE BASE, PG 64-22		6" AGGREGATE BASE		TACK COAT (0.075 GAL/SQ. YD.)		3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE I, PG64-22		
					(L * W)/9		(L * W)/9		LENGTH		(L * W)/9		(L*W) * (8.0/12)/27		(L*W) * (6.0/12)/27		(L * W)/9 * 0.075		(L*W) * (3.0/12)/27		
	AVG. WIDTH	AREA			AVG. WIDTH	AREA			AVG. WIDTH	AREA	AVG. WIDTH	VOLUME	AVG. WIDTH	VOLUME	AVG. WIDTH		AVG. WIDTH	VOLUME			
	FROM	TO			FT	FT	SQ YD	FT	SQ YD	FT		FT	SQ YD	FT	CU YD	FT	CU YD	FT	GALLON	FT	
14	428+05.15	429+33.00	LT	127.85	6.00	86	6.83	97		128	6.00	86	6.33	23	6.83	17.0	6.00	7	6.00	8	LEFT SHOULDER
TOTALS CARRIED TO GENERAL SUMMARY					86		97		128		86		23		17		7		8		

NOTE: SEE SHEET 13 FOR QUANTITIES

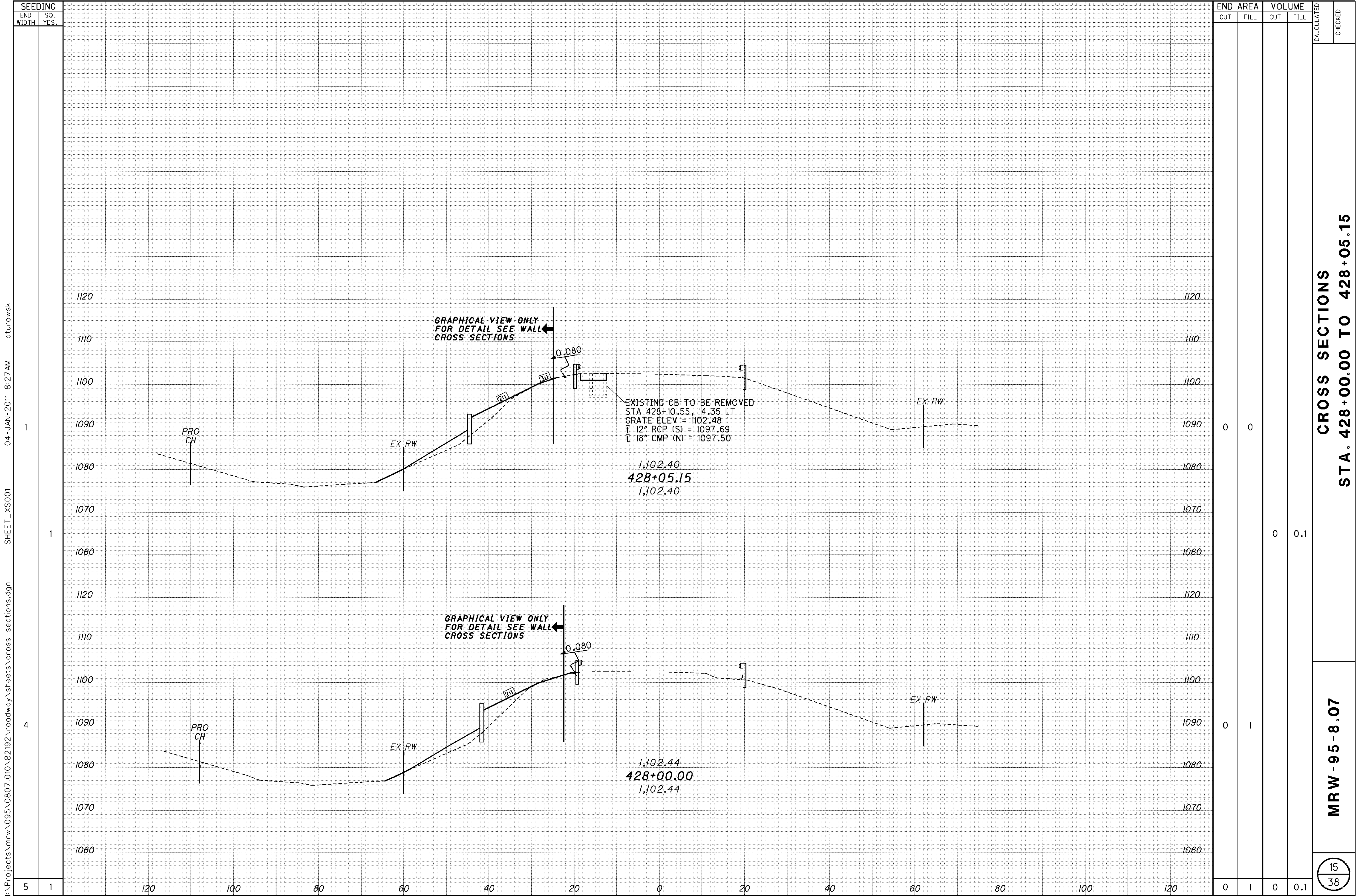


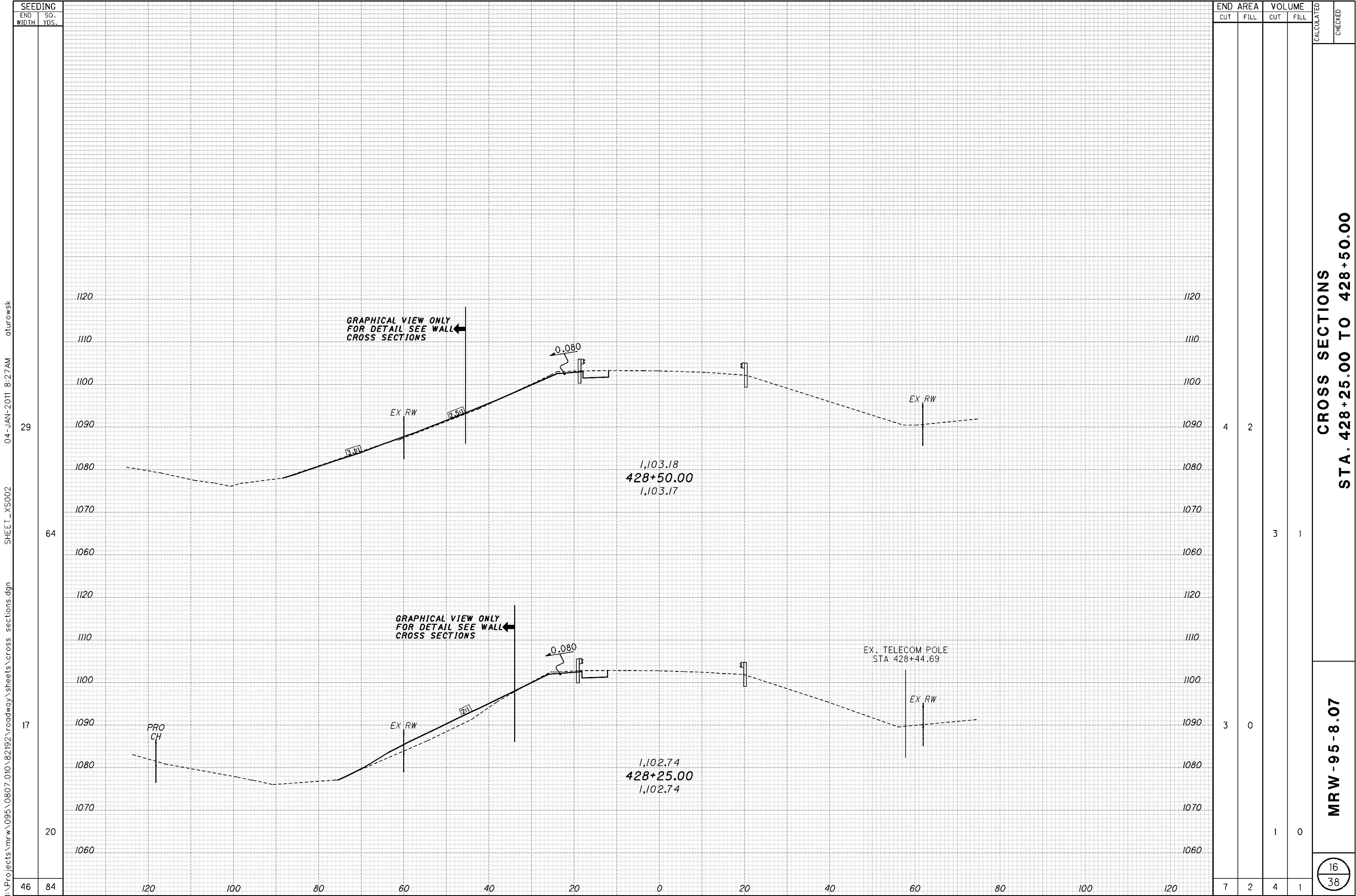
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CHECKED

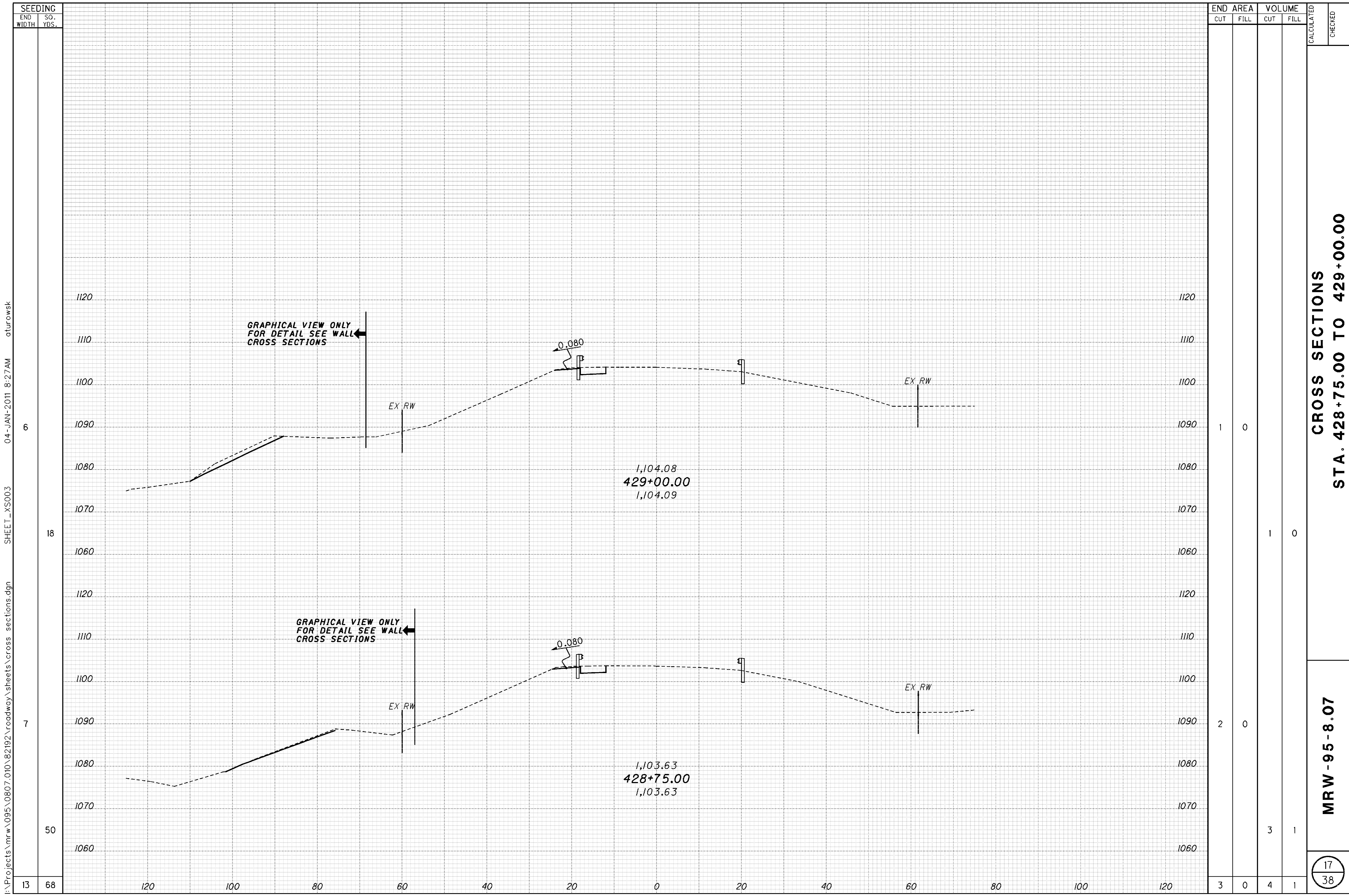
PLAN AND PROFILE

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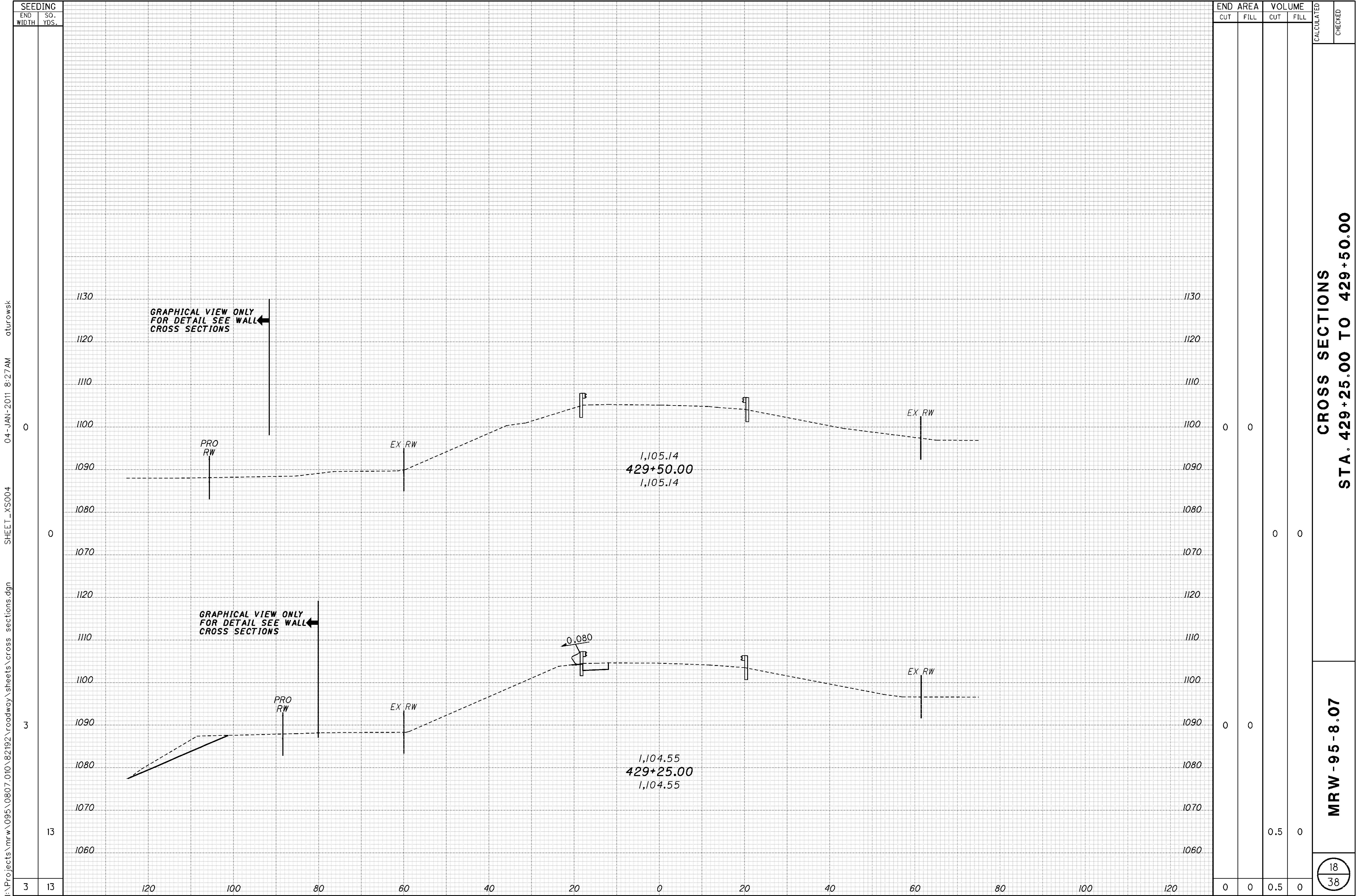
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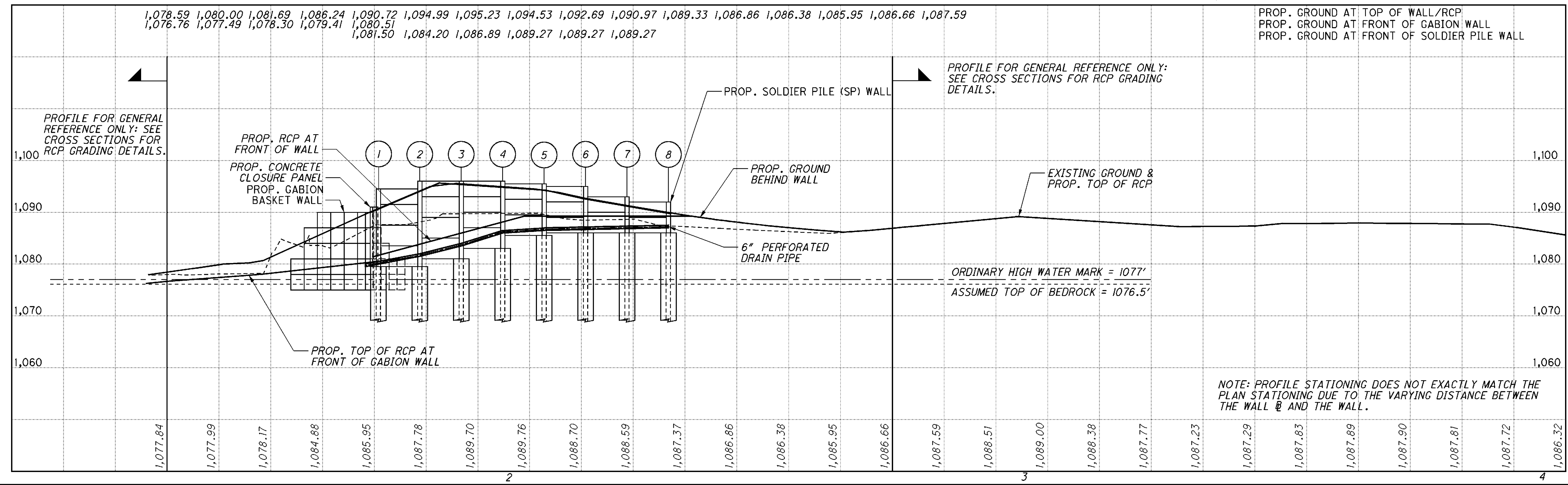
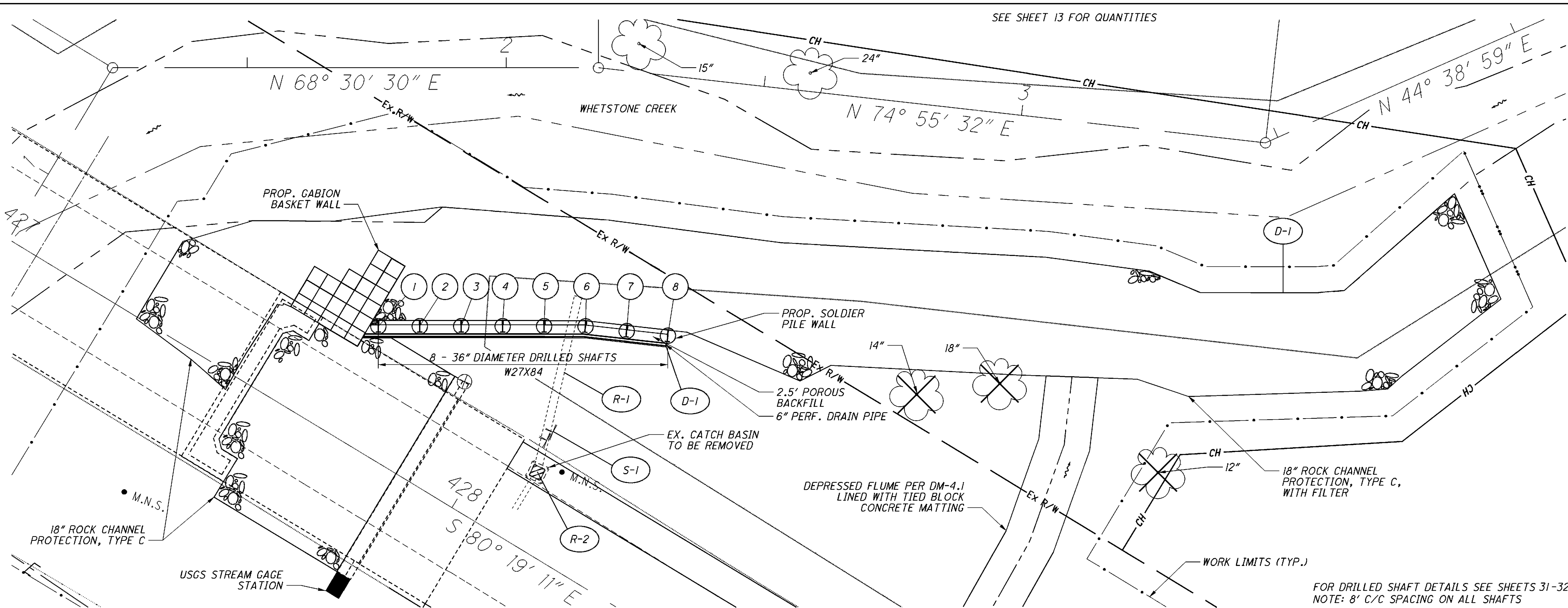


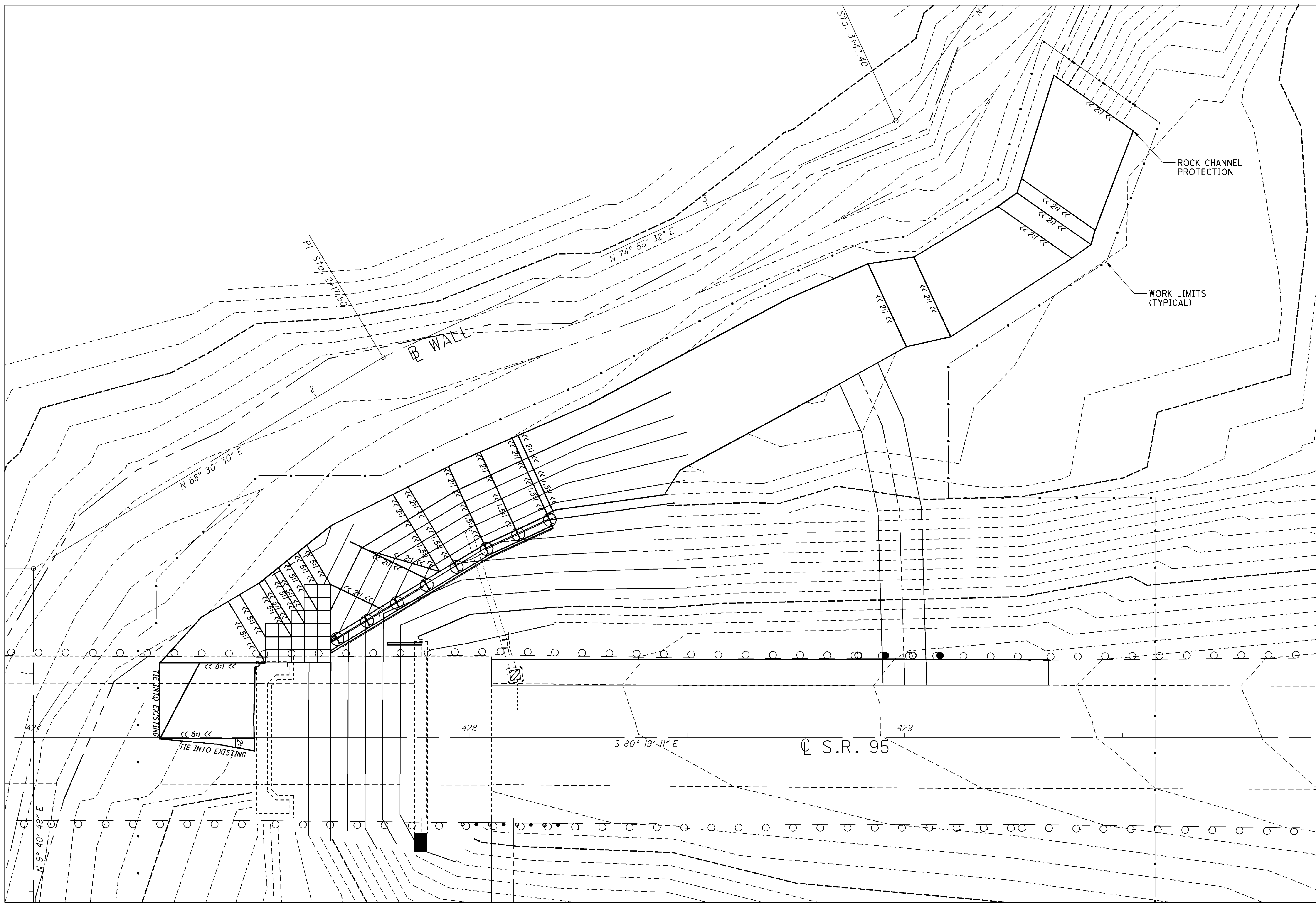
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SEEDING		END AREA		VOLUME		CALCULATED	CHECKED
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL		
3	13	0	0	0.5	0		

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MRW -95-8.07

GRADING PLAN

DESIGNED	DRAWN	CALCULATED
ABCD	ACT	
STRUCTURE FILE NUMBER		CHECKED
5902029		

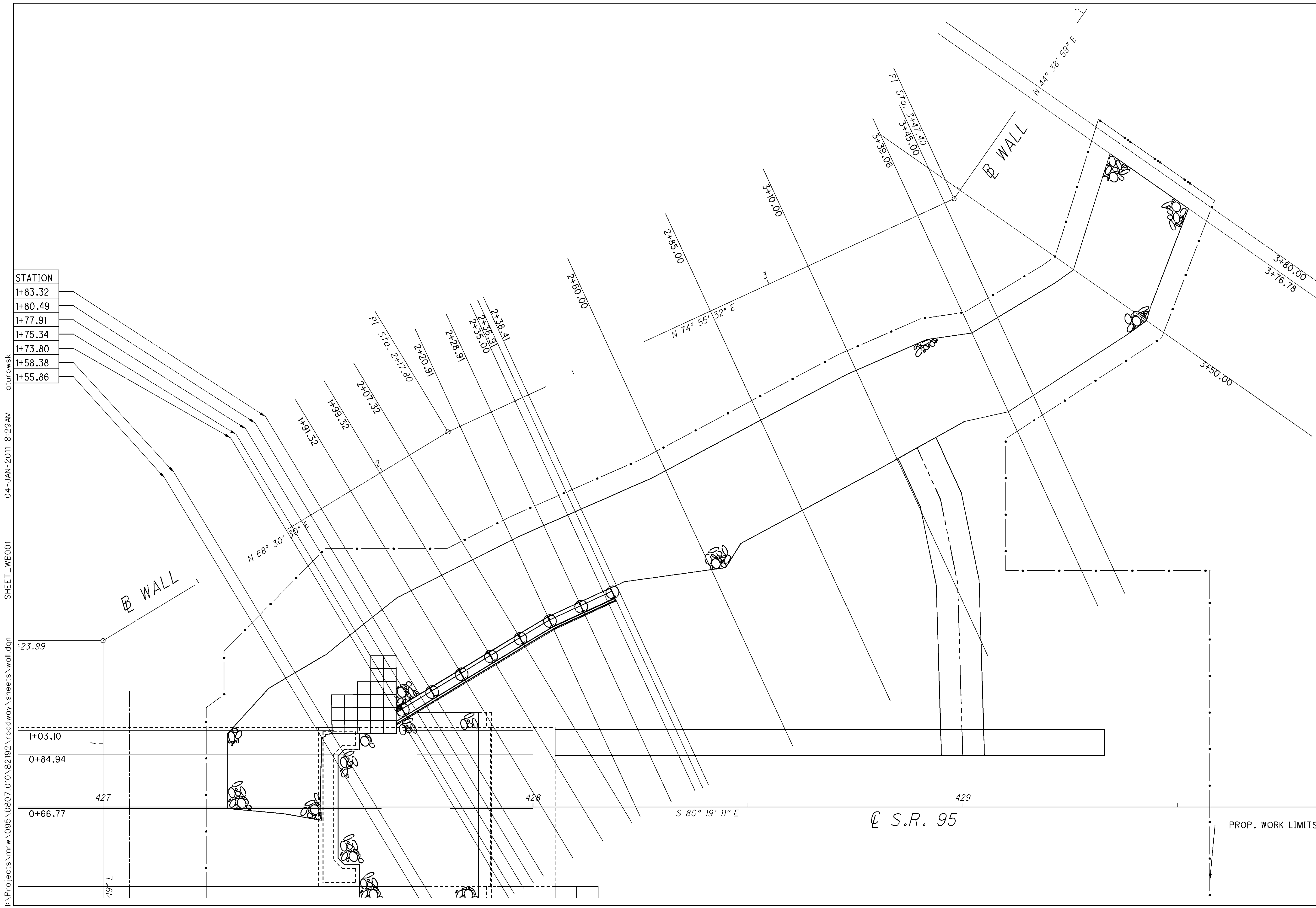
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5

10

20

HORIZONTAL SCALE IN FEET



STATION
1+83.32
1+80.49
1+77.91
1+75.34
1+73.80
1+58.38
1+55.86

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DESIGNED
ABCD

DRAWN
ACT

STRUCTURE FILE NUMBER
5902029

0

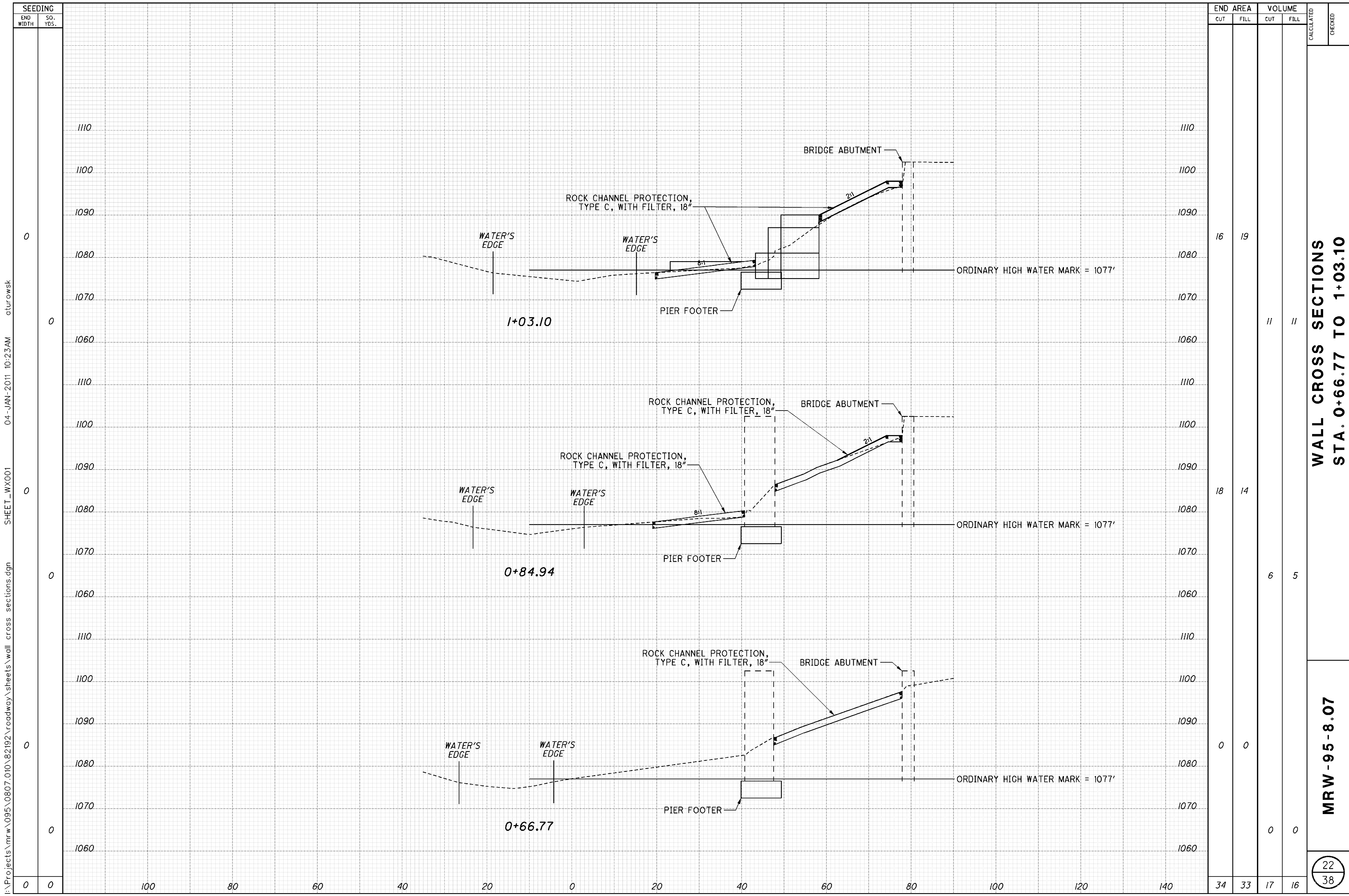
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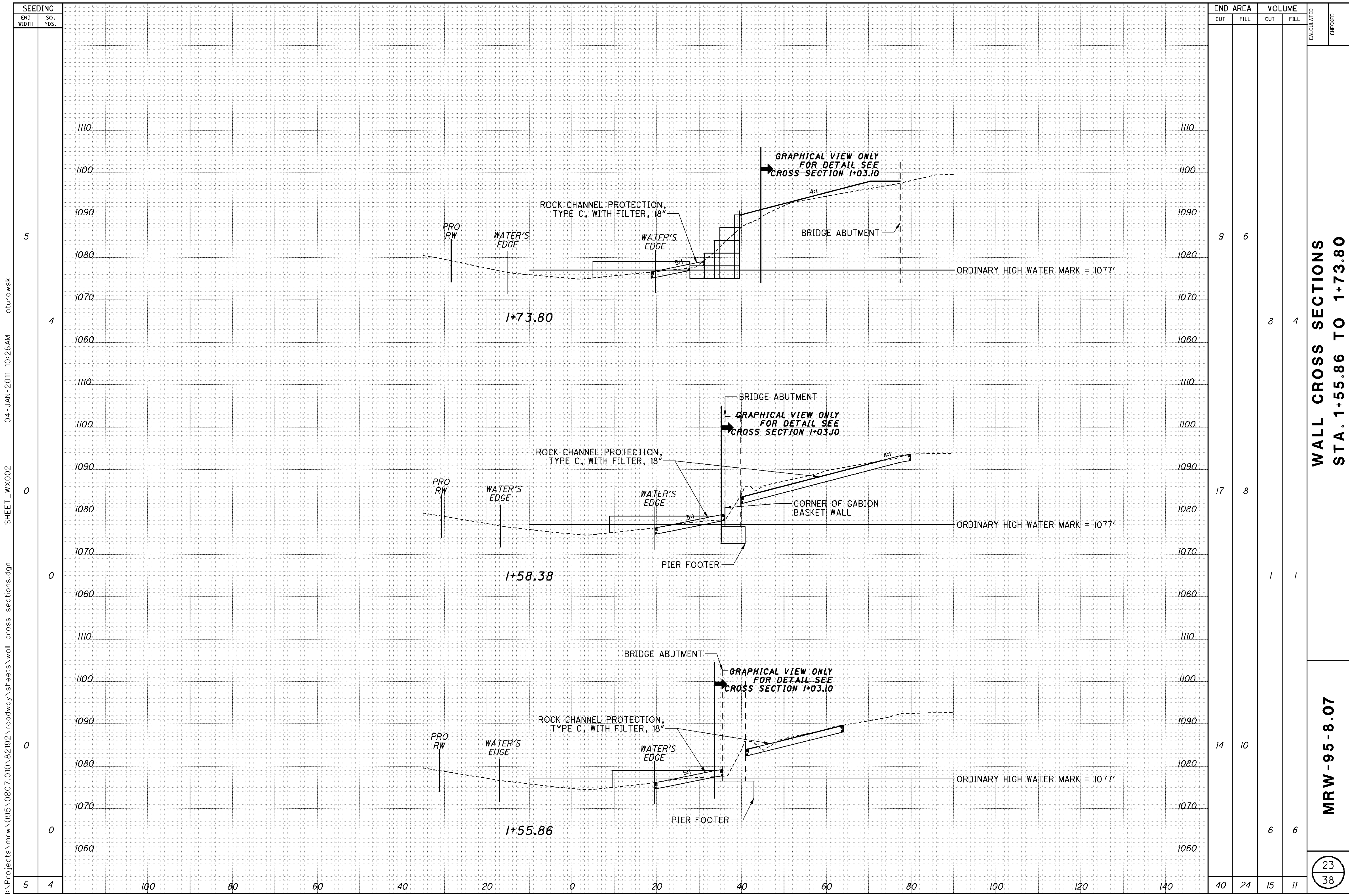
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HORIZONTAL
SCALE IN FEET

2



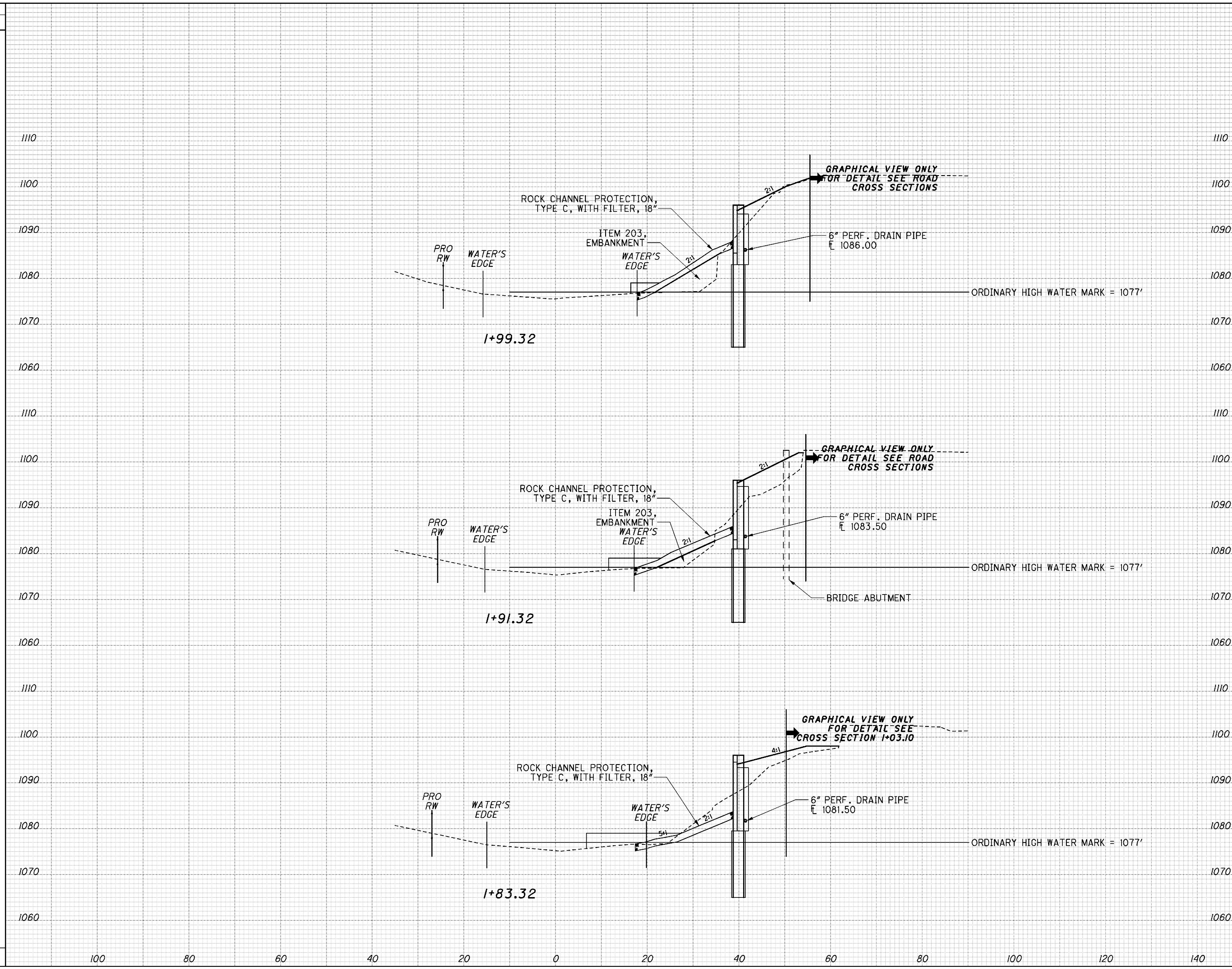


WALL CROSS SECTIONS
STA. 1+55.86 TO 1+73.80

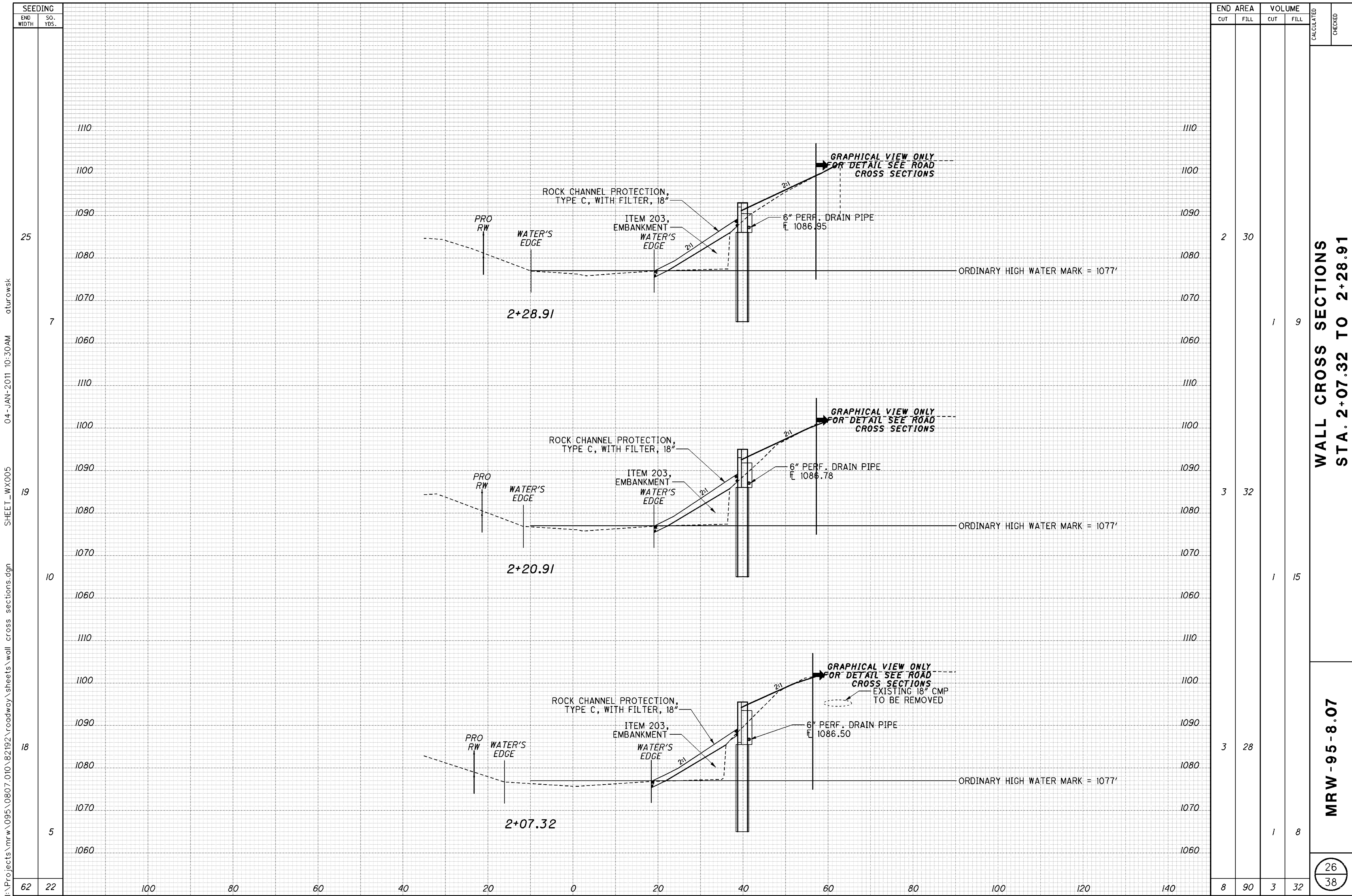
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END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		
5	26	3	9	WALL CROSS SECTIONS STA. 1+83.32 TO 1+99.32	
15	32	9	6		
47	8	5	1		
67	66	17	16	MRW - 95 - 8.07	
				25 38	

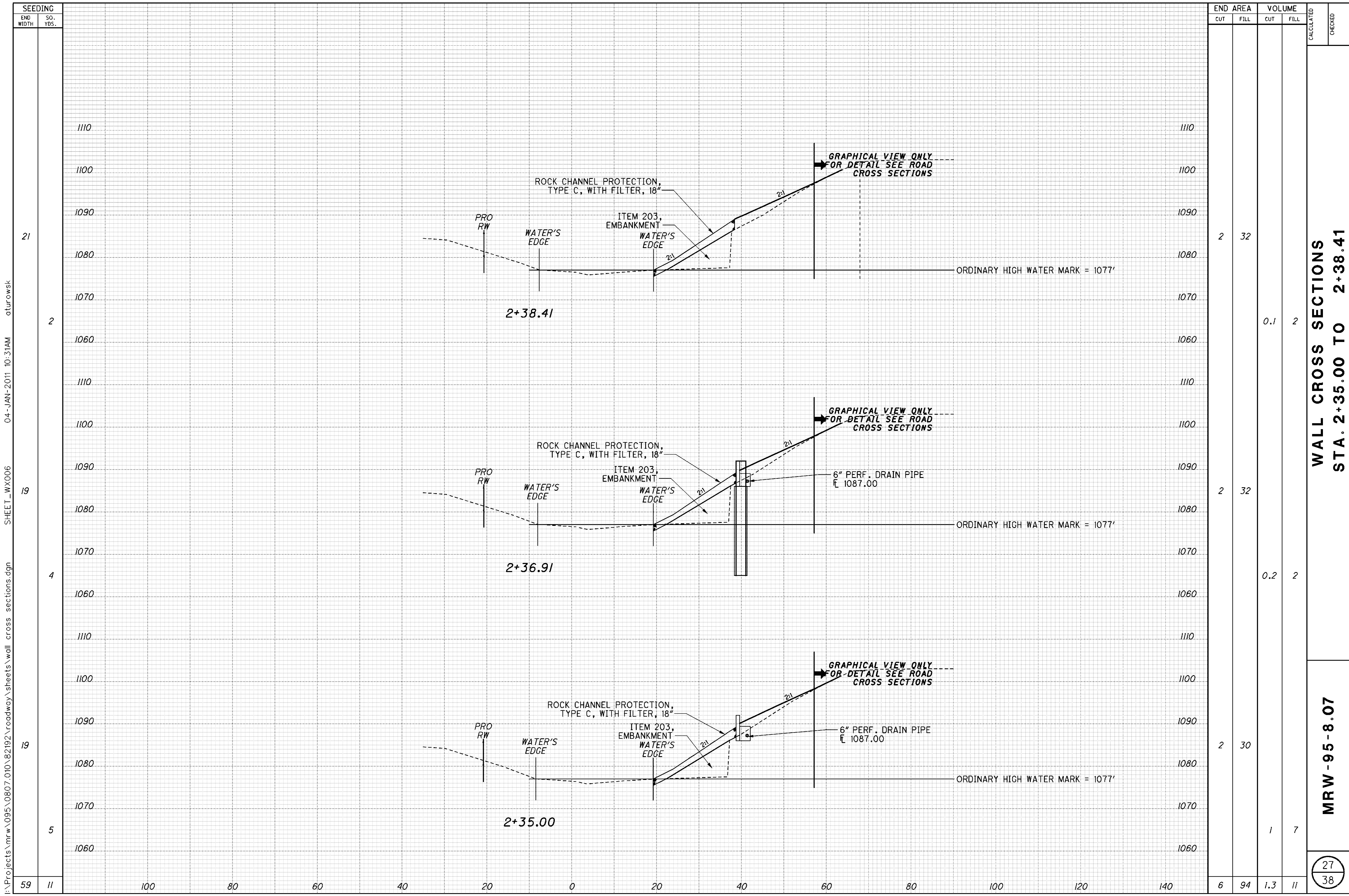


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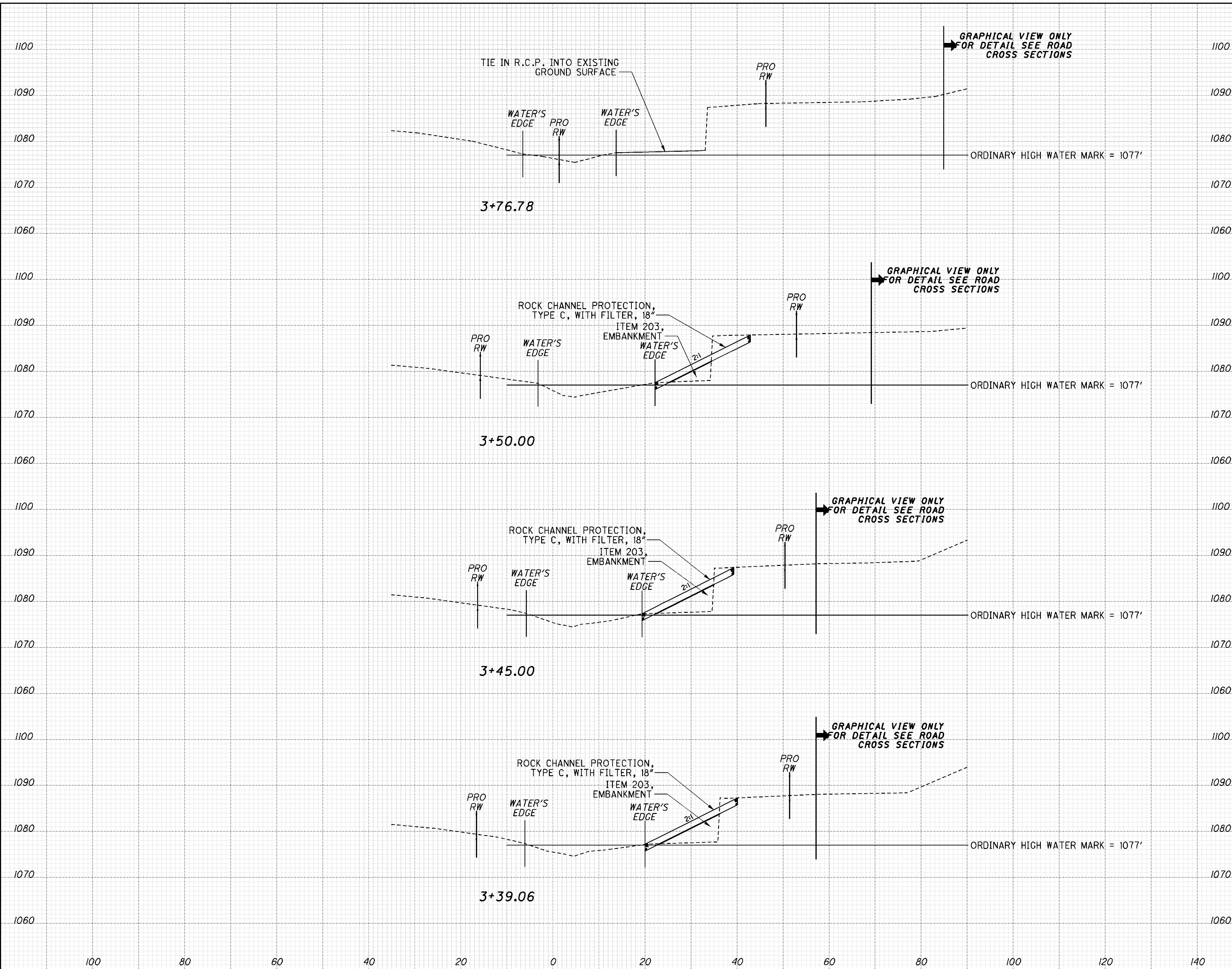
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aturowski







END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		
0	0	1	15	WALL CROSS SECTIONS STA. 3+39.06 TO 3+76.78	
2	30	0.4	5		
2	29	1	6		
2	28	3	34		
6	87	6.4	60		

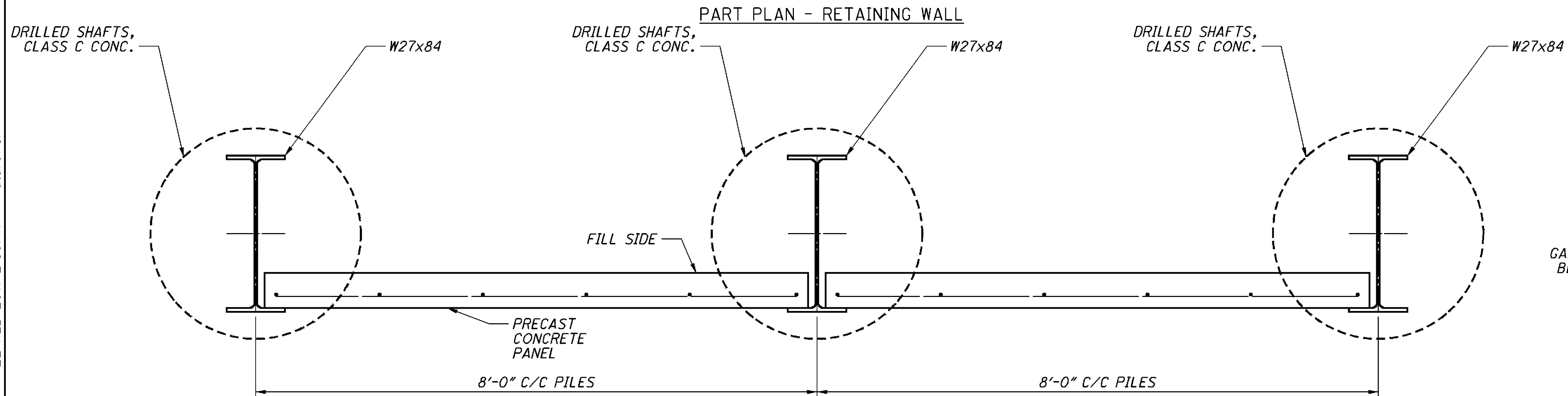
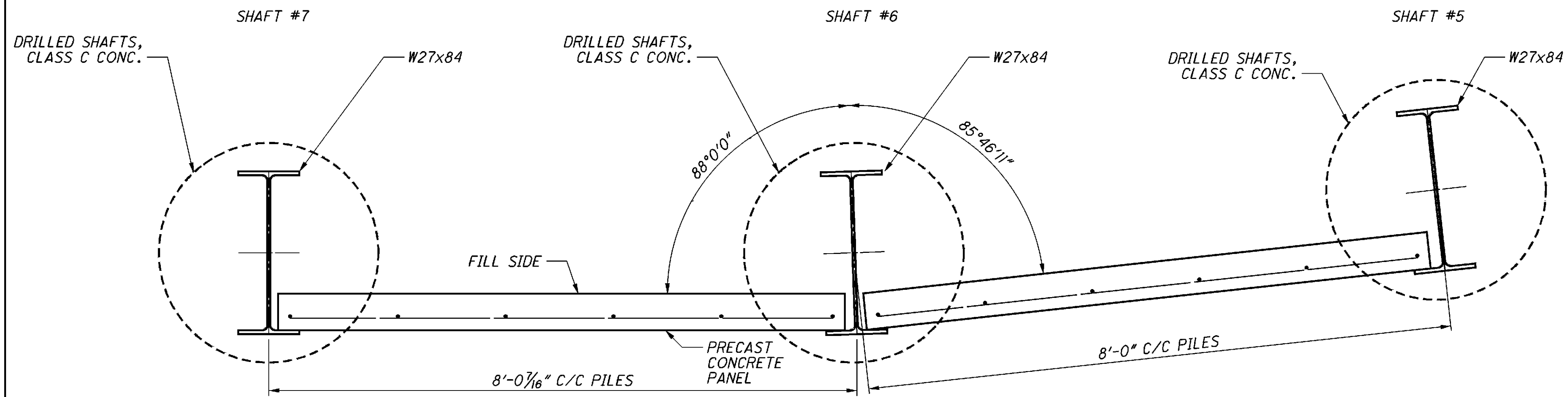
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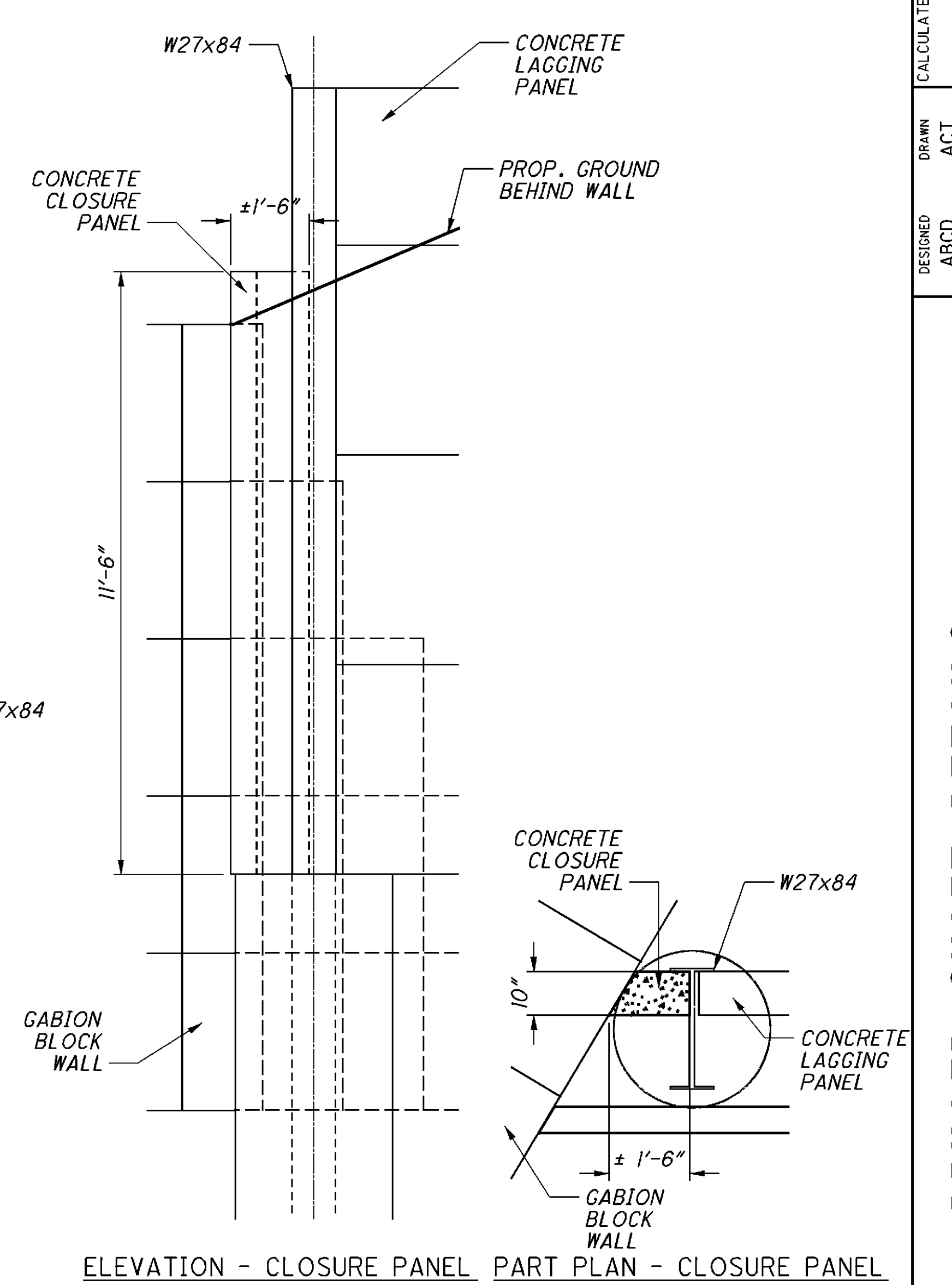
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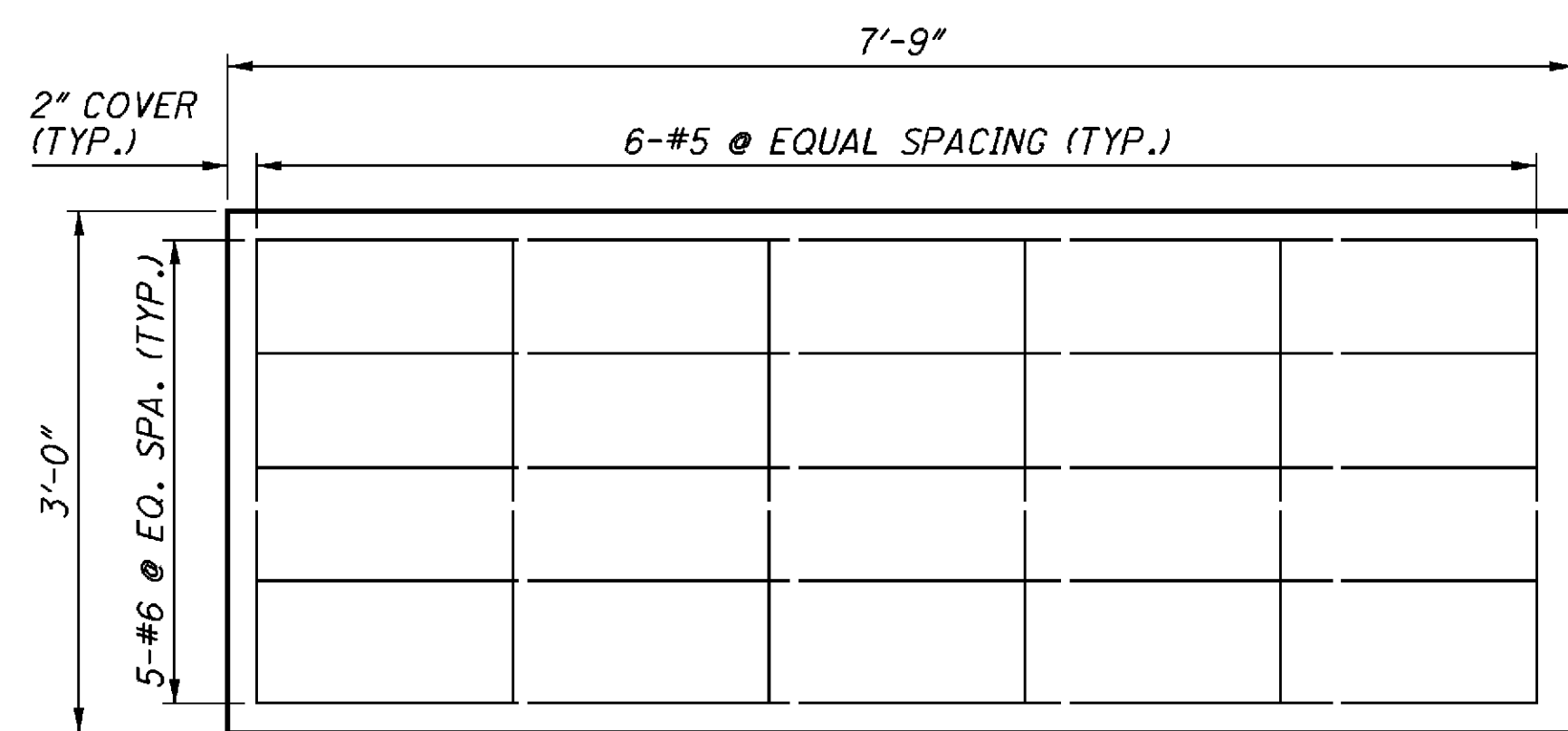
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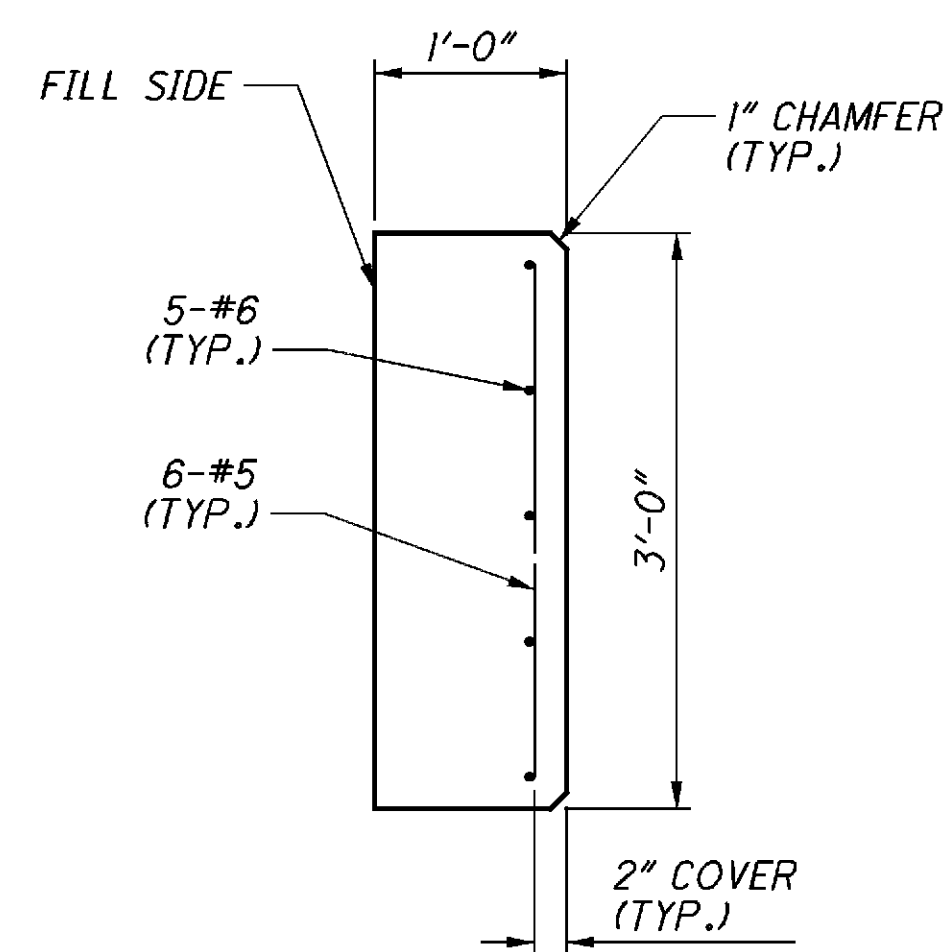
PART PLAN - RETAINING WALL



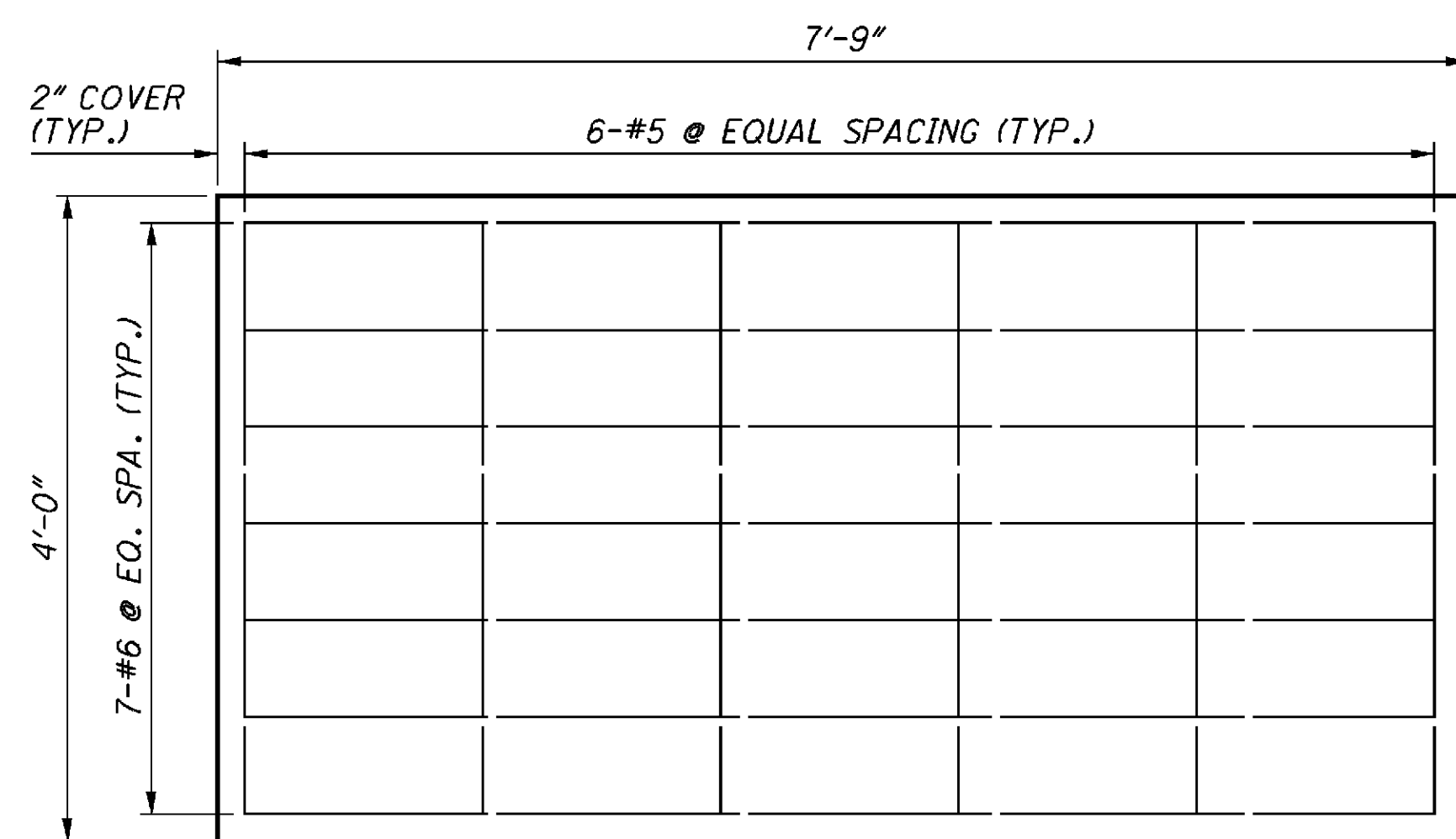
ELEVATION - CLOSURE PANEL PART PLAN - CLOSURE PANEL



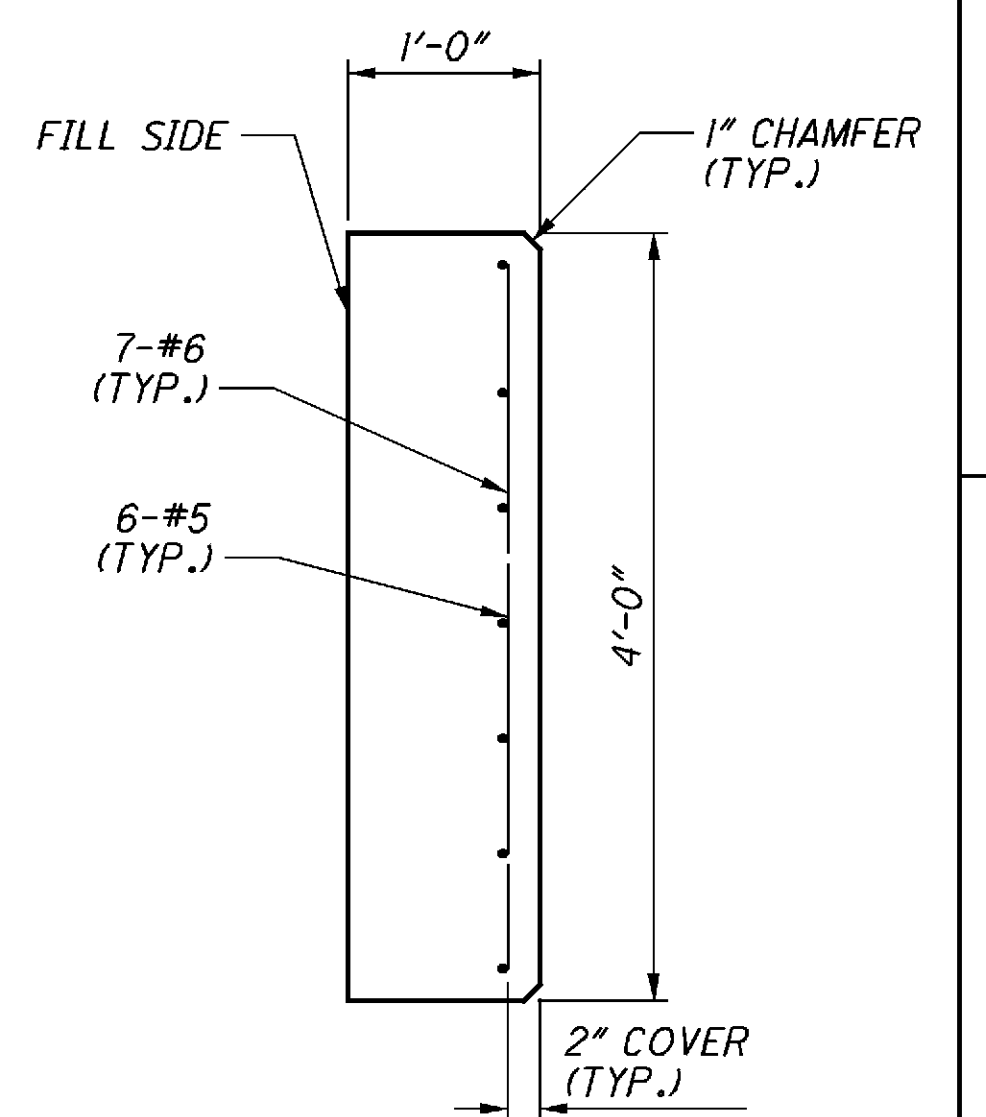
3' x 7'-9" PANEL ELEVATION



3' x 7'-9" PANEL SECTION



4' x 7'-9" PANEL ELEVATION



4' x 7'-9" PANEL SECTION



1	1+75.32	49.88	427+69.73	-22.61	1064.00	1079.50	1094.50	12	3.50	30.50		2.11		
2	1+83.32	49.88	427+76.58	-26.75	1064.00	1079.50	1096.00	12	3.50	32.00		2.28	1	3
3	1+91.32	49.88	427+83.42	-30.89	1064.00	1081.00	1096.00	12	5.00	32.00		2.28	1	3
4	1+99.32	49.88	427+90.27	-35.03	1064.00	1083.00	1096.00	12	7.00	32.00		1.76	3	1
5	2+07.32	49.88	427+97.11	-39.17	1064.00	1085.50	1095.50	12	9.50	31.50		1.08	2	1
6	2+20.91	49.88	428+03.98	-43.28	1064.00	1086.00	1095.00	12	10.00	31.00		0.64	3	0
7	2+28.91	49.88	428+11.24	-46.63	1064.00	1086.00	1093.00	12	10.00	29.00		0.69	1	1
8	2+36.91	49.88	428+18.51	-49.98	1064.00	1086.00	1092.00	12	10.00	28.00		0.36	2	0
TOTAL								96	59	246	52	12	13	9

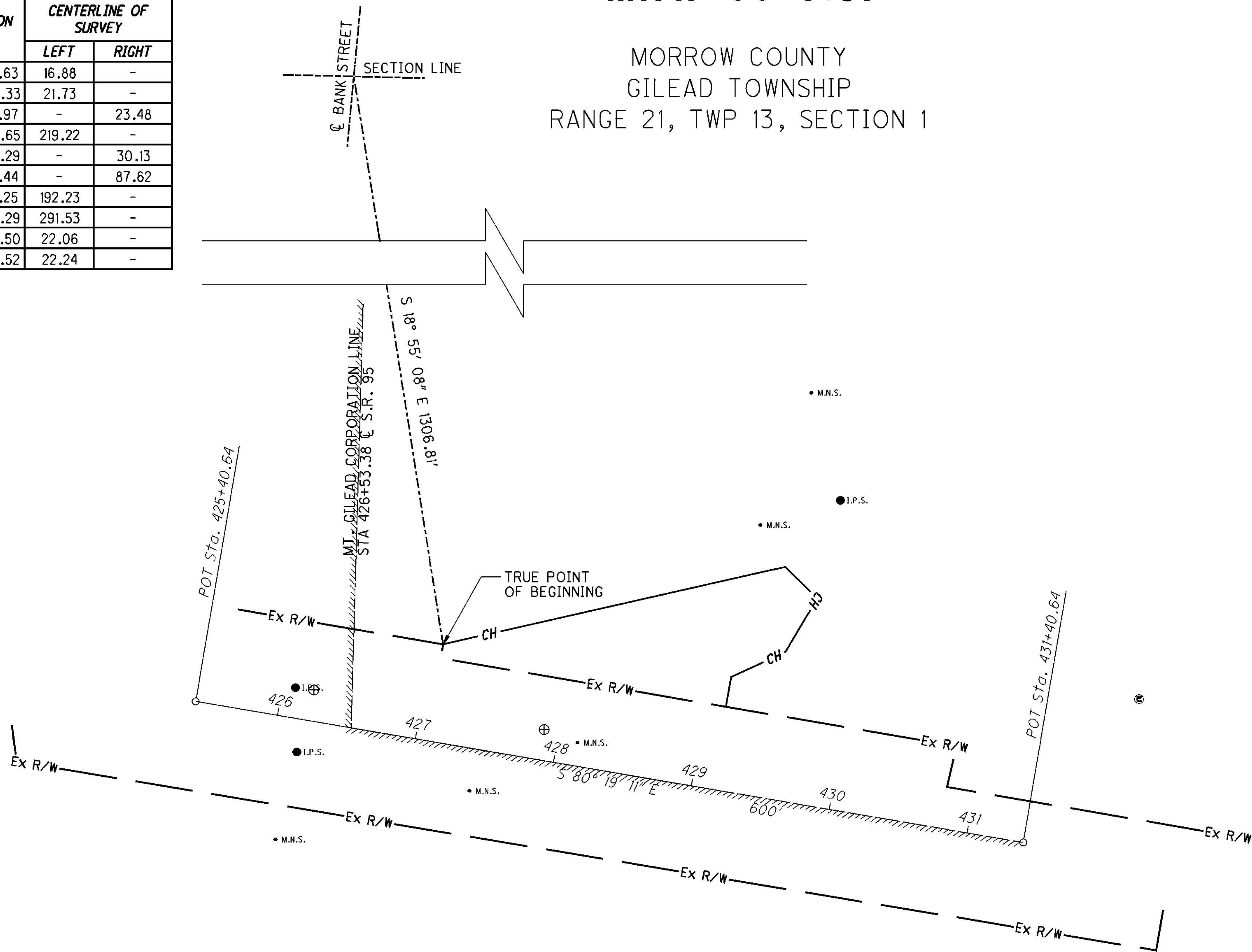


NOTE:

1. LAGGING SUPPORT SHALL BE INSTALLED IN LOCATIONS REQUIRING SUPPORT WHERE TOP OF DRILLED SHAFT IS BELOW THE ADJACENT DRILLED SHAFT'S TOP.
2. PROVIDE ELASTOMERIC BEARING PADS PER CMS 711.23, PAYMENT FOR PADS SHALL BE INCLUDED IN LAGGING ITEMS.

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CENTERLINE REFERENCE MONUMENTS			
TYPE	STATION	DISTANCE FROM CENTERLINE OF SURVEY	
		LEFT	RIGHT
MAGNETIC NAIL SET	428+14.63	16.88	-
IRON PIN SET	426+09.33	21.73	-
IRON PIN SET	426+17.97	-	23.48
IRON PIN SET	429+70.65	219.22	-
MAGNETIC NAIL SET	427+44.29	-	30.13
MAGNETIC NAIL SET	426+13.44	-	87.62
MAGNETIC NAIL SET	429+17.25	192.23	-
MAGNETIC NAIL SET	429+37.29	291.53	-
BENCHMARK	427+89.50	22.06	-
BENCHMARK	426+22.52	22.24	-



BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE PROJECT USE ONLY. ALL BEARINGS SHOWN WERE DETERMINED USING GPS OBSERVATION AND OHIO STATE PLANE COORDINATES, NORTH ZONE. VERTICAL DATUM NAVD 88. HORIZONTAL DATUM NAD 83 (1986). ALL COORDINATES ARE GROUND VALUES. GROUND TO GRID CONVERSION FACTOR - 1.0.

BASIS OF EXISTING CENTERLINE OF R/W, CENTERLINE OF SURVEY AND R/W WIDTH.

THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING ODOT R/W PLANS S.H. 333 SEC. MT. GILEAD PT. & F PT. ON FILE FROM THE THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 6 OFFICE IN DELAWARE, OHIO.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- IRON PIN FOUND
- IRON PIN FOUND W/ ID CAP
- IRON PIN SET W/ ID CAP
- IRON PIPE FOUND
- IRON PIPE SET
- P.K. NAIL FOUND
- P.K. NAIL SET

MRW-95-8.07

MORROW COUNTY
GILEAD TOWNSHIP
RANGE 21, TWP 13, SECTION 1

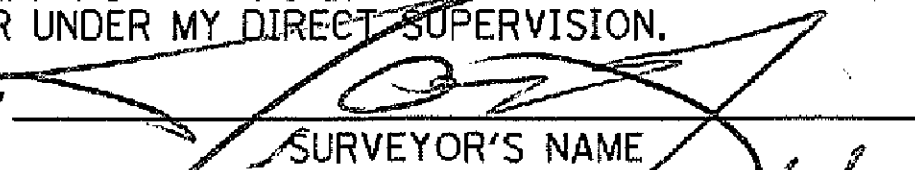
THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

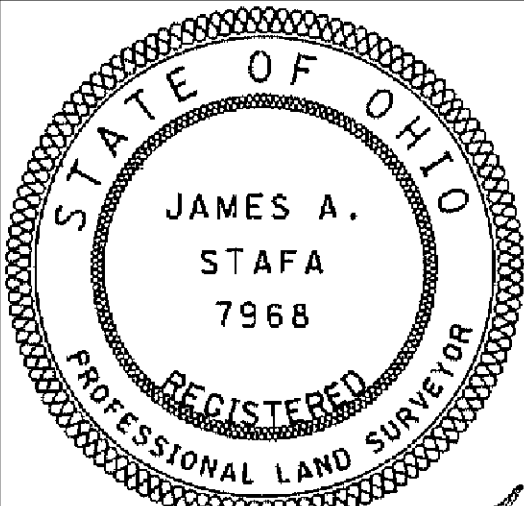
THE PLACING OF MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE CENTERLINE MONUMENT ASSEMBLY BOX(S) WILL BE INSTALLED BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN WITH CAP MARKING THE ACTUAL CENTERLINE STATION POINT AND ANY REFERENCE MONUMENTS ARE TO BE SET BY THE RIGHT OF WAY DESIGN CONSULTANT.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN ON THIS PLAT, REQUIRES PRIOR APPROVAL OF THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1 OF THE OHIO DEPARTMENT OF TRANSPORTATION.

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2007 BY DISTRICT 6, OHIO DEPARTMENT OF TRANSPORTATION.

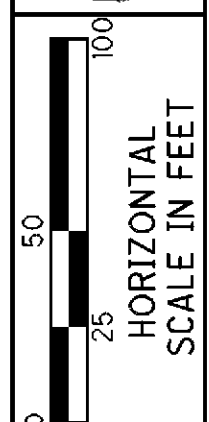
THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY 
SURVEYOR'S NAME
SURVEYOR NO. 7968 DATE 2/4/10

SURVEYORS SEAL

SIGNED: 
DATE: 2/4/10

RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____

COUNTY RECORDER



PID NO. **82192**
R/W DESIGNER ACT
R/W REVIEWER RDM
CENTERLINE PLAT
MRW-95-0807
2 / 5
35 / 38

6 OWNERSHIPS 0 TOTAL TAKES
2 PARCELS 0 OWNERSHIPS W/ STRUCTURES INVOLVED

* DENOTES RIGHT OF WAY ENCROACHMENT

37 38 4 / 5	MRW -95 -0807	SUMMARY OF ADDITIONAL RIGHT OF WAY	R/W DESIGNER ACT	STATE JOB NO. 466171	PID NO. 82192	FEDERAL PROJECT NO. E070 (840)
			R/W REVIEWER RDM			

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN THE NAME OF
THE STATE OF OHIO
UNLESS OTHERWISE SHOWN.

ACT	6/7/2010	DELETED CHAIN & POSTS ENCRH. 2-CH
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

*SEE SHEET 2 OF 5 FOR PHYSICAL LOCATION

PID NO.
82192

308	R/W DESIGNER ACT	R/W REVIEWER RDM
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RIGHT OF WAY PLAN

MRW - 95 - 0807

[illegible]

0
INC.
EET
3338
TS

Mt. Gilead Corporation Line

G20-520-00-001-00
WHISTON FOUNDATION, INC.
231 NORTH MAIN STREET
MOUNT GILEAD, OH 43338
CHARITABLE EXEMPTS

G19-501-00-369-00
WHISTON FOUNDATION, INC.
231 NORTH MAIN STREET
MOUNT GILEAD, OH 43338
CHARITABLE EXEMPTS

G19-501-00-369-00
WHISTON FOUNDATION, INC.
231 NORTH MAIN STREET
MOUNT GILEAD, OH 43338
CHARITABLE EXEMPTS

APPROXIMATE LOCATION OF 20'
WIDE SEPTIC TANK OVERFLOW EASEMENT

G19-001-00-370-01
 KENNETH L. &
 DEEANNA L. ROUSH
 4101 STATE ROUTE 95
 MOUNT GILEAD, OH 43338
 RESIDENTIAL

BEGIN ACQUISITION
STA. 427+08.18 @ S.R. 95

END ACQUISITION
STA. 429+66.20 @ S.R. 95

BEGIN WORK
STA. 427+29.02 @ S.R. 95
SLM 8.07

END PROJECT
STA. 429+33.00 @ S.R. 95
SLM 8.08

END WORK
STA. 429+52.45 @ S.R. 95
SLM 8.08

— CONSTRUCTION LIMITS (TYPE)

11' GRAVEL DRIVE
STA. 430+60.00

G19-001-00-279-00
THE MCCREARY FAMILY TRUST
4024 COUNTY ROAD 115
MOUNT GILEAD, OH 43338
RESIDENTIAL

G20-030-00-355-00
LEE W. MCCLELLAND AND KAREN L. MCCLELLAND
94 SOUTH MAIN STREET
MOUNT GILEAD, OH 43338
RESIDENTIAL

G20-030-00-357-00
JOHN R. TITUS
401 EAST HIGH STREET
MOUNT GILEAD, OH 43338

PARCEL: 1-CH						
LABEL	START		BEARING	LENGTH (FT)	END	
	STATION	OFFSET			STATION	OFFSET
A	427+08.18	-70.00	N 77° 15' 20" E	250.64	429+39.86	-165.61
B	429+39.86	-165.61	S 45° 21' 01" E	32.15	429+66.20	-147.19
C	429+66.20	-147.19	S 30° 42' 50" W	44.27	429+50.32	-105.86
D	429+50.32	-105.86	S 65° 05' 18" W	42.90	429+15.00	-81.51
E	429+15.00	-81.51	S 09° 40' 49" W	21.51	429+15.00	-60.00
F	429+15.00	-60.00	N 80° 19' 11" W	206.82	427+08.18	-60.00
G	427+08.18	-60.00	N 09° 40' 49" E	10.00	427+08.18	-70.00

NOTES: TREES SMALLER THAN 12" NOT SHOWN ON PLANS
TOTAL CLEARING QUANTITIES SHOWN ON SHEET 5 OF 38.

TREE REMOVAL - ESTIMATED QUANTITIES		
TREE SIZE	TREES WITHIN PROP. RW	TREES TO BE REMOVED
TREE SIZE	NO. OF TREES	NO. OF TREES
GREATER THAN 3" TO 12"	36	25
GREATER THAN 12" TO 24"	5	3
GREATER THAN 24" TO 36"	0	0
GREATER THAN 36" TO 60"	0	0

STRUCTURE KEY

-  RESIDENTIAL
 COMMERCIAL
 OUT-BUILDING

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		