

CITY OF ANN ARBOR

LESLIE PARK AND SYLVAN PARK BRIDGE REPLACEMENTS

EGLE PERMIT SET
NOVEMBER, 2025
PROJECT NUMBER: 2075153906



PROJECT LOCATION MAP
NOT TO SCALE

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C-101	06	CONTECH BRIDGE DETAILS - LESLIE PARK BRIDGE
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CONSTRUCTION NOTES

- PRE-CONSTRUCTION MEETING
A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO ANY WORK BEING PERFORMED ON THE PROJECT. THE MEETING TIME, PLACE, AND ATTENDEES SHALL BE ARRANGED BY THE PROJECT ENGINEER. ANN ARBOR PARKS & RECREATION SHALL BE INVITED, AT A MINIMUM TO THE PRE-CONSTRUCTION MEETING.
- SHOP DRAWINGS AND MATERIAL CERTIFICATES
PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL FURNISH MATERIAL SOURCE LISTS AND CERTIFICATIONS TO THE PROJECT ENGINEER, VERIFYING THAT ALL MATERIALS USED ON THE PROJECT ARE IN ACCORDANCE WITH MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION. SHOP DRAWINGS SHALL BE REQUIRED FOR MAJOR MATERIALS.
- MISS DIG UTILITY ALERT AND FIELD LOCATION OF UTILITIES
THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT MISS DIG UTILITY PROTECTION SERVICE (811) TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES. UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THE PLANS WERE OBTAINED FROM UTILITY OWNERS AND WERE NOT FIELD LOCATED. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL IN ACCORDANCE WITH THE UTILITY OWNERS REQUIREMENTS. THE CONTRACTOR SHALL VERIFY THE DEPTH AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED BY HAND DIGGING.
- UTILITY INFORMATION
PUBLIC UTILITY INFORMATION IS DELINEATED IN ACCORDANCE WITH LOCATIONS PROVIDED BY UTILITY OWNERS. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION OR THE LOCATION AT WHICH THESE SERVICES EXIST. DIFFERING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

THE LOCATION OF ALL PUBLIC UTILITIES SHOWN ON THE PLANS ARE TAKEN FROM THE BEST AVAILABLE DATA. THE OWNER WILL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATIONS FROM THE LOCATIONS SHOWN.

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN A MANNER AS TO INSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED. REPAIRATIONS OF UTILITIES DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE AFFECTED UTILITY OWNERS REQUIREMENTS.

ALL PRIVATE UTILITY STRUCTURES WILL BE ADJUSTED TO GRADE BY THE OWNER OF THE FACILITY. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THREE (3) WORKING DAYS NOTICE PRIOR TO THE START OF SUCH WORK.
- STORMWATER DRAINAGE DURING CONSTRUCTION
THE CONTRACTOR SHALL MAINTAIN DITCH DRAINAGE DURING CONSTRUCTION AND SHALL NOT OBSTRUCT SUMP PUMP LEADS DISCHARGING TO THE DITCH. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL STORM SEWER FACILITIES SUCH AS CATCH BASINS, CULVERTS AND HEADWALLS DURING CONSTRUCTION. CULVERTS AND CATCH BASINS CONTAMINATED DURING CONSTRUCTION SHALL BE CLEANED AND THE COSTS SHALL BE INCLUDED IN THE EROSION CONTROL AND PROJECT CLEAN UP PAY ITEMS.
- CULVERTS
CONTRACTOR TO MARK ALL CULVERT LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY WITH ANN ARBOR PARKS & RECREATION THAT NO CULVERTS WERE DAMAGED DURING CONSTRUCTION. ALL CULVERT EXTENSIONS SHALL MATCH EXISTING SIZE AND CULVERT MATERIAL. RIP-RAP SHALL BE PLACED AT CULVERTS WITH HIGH FLOWS. QUANTITY SHALL BE DETERMINED BY THE ENGINEER.
- EXISTING UTILITIES
THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SANITARY SEWER, WATER OR STORM SEWER SERVICE CONNECTIONS IN SERVICE THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL PROVIDE OR ARRANGE FOR TEMPORARY SUPPORT OF GAS MAIN AND UTILITY POLES WHERE NEEDED. ALL STORM SEWERS DAMAGED OR REMOVED OR RELOCATED BY THE CONTRACTOR SHALL BE REPLACED WITH THE SAME SIZE AND QUALITY PIPE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT. ALL UTILITIES UNDERMINED BY THE EXCAVATION SHALL HAVE COMPACTED CLASS II SAND BACKFILL PLACED UNDER THEM.
- UTILITY COORDINATION
COORDINATION OF RELOCATED UTILITIES WILL BE PERFORMED AND COMPLETED PRIOR TO INSTALLATION OF THE PATH. FOR UTILITIES THAT NEED TO BE RELOCATED DURING CONSTRUCTION, THE CONTRACTOR WILL COORDINATE WITH THE RESPECTIVE UTILITY OWNER TO COMPLETE THIS TASK. THE COST TO RELOCATE UTILITIES WILL BE PAID FOR BY OTHERS. NO ADDITIONAL COST FOR COORDINATION EFFORTS INCURRED BY THE CONTRACTOR WILL BE PROVIDED.
- PROTECTION OF HAZARDOUS AREAS / OPEN EXCAVATIONS
EXCAVATIONS AND HAZARDOUS AREAS SHALL BE PROTECTED BY BARRICADES OR SNOW FENCE. THE PLACEMENT OF PROTECTIVE FENCING MEETING MIOSHA STANDARDS IS REQUIRED AROUND ALL OPEN EXCAVATIONS, PAID FOR AS: FENCE, PROTECTIVE.
- DISPOSAL OF EXCESS EXCAVATED MATERIAL
ALL EXCESS EXCAVATED MATERIALS SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AT A LOCATION PROVIDED BY THE CONTRACTOR. ADJACENT PROPERTY OWNERS SHALL BE GIVEN PREFERENCE FOR DISPOSAL SITES.
- SALVAGED MATERIALS
SALVAGEABLE MATERIALS SHALL BECOME THE PROPERTY OF THE OWNER, AND SHALL BE STORED AS DIRECTED BY THE ENGINEER.
- SIGNS
ALL ANN ARBOR PARKS & RECREATION SIGNS RELOCATED BY CONSTRUCTION SHALL BE REPLACED, RELOCATED OR SALVAGED. SIGNS AND POSTS REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.
- REMOVING PAVEMENT AND HMA SURFACES
THIS PROJECT INCLUDES PAVEMENT REMOVED OR MODIFIED AS BASIS OF PAYMENT FOR REMOVING EXISTING HOT MIX ASPHALT (HMA), CONCRETE, AND/OR MASONRY PAVEMENTS WITHIN THE CONSTRUCTION LIMITS. THE INFORMATION SHOWN ON THE PLANS AND THE QUANTITY FOR EACH OF THESE ITEMS IS APPROXIMATE AND BASED ON FIELD TESTS AND/OR HISTORICAL RECORDS. ACTUAL PAYMENT WILL BE BASED ON FIELD MEASUREMENTS IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- SAW CUTS
ALL SAW CUTS SHOWN ON THE PLANS OR AS SPECIFIED WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR PAVEMENT OR CURB REMOVAL.
- GRADING LIMITS
THE GRADING/CLEARING LIMIT LINES SHOWN ON THE PLANS ARE GENERAL LIMITS PROVIDED IN ADDITION TO THE PATH PROFILE TO GUIDE THE CONTRACTOR IN ESTIMATING DISTURBANCE AREAS, AS WELL AS EXCAVATION AND EMBANKMENT. AREAS TO BE GRADED MAY EXTEND PAST THESE LIMITS WHEN WITHIN THE PUBLIC RIGHT-OF-WAY OR WITHIN DESIGNATED PATHWAY EASEMENTS AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ESTIMATE RESTORATION IMPACTS BASED ON THEIR ANALYSIS OF THE INFORMATION PROVIDED, AND NOT NECESSARILY THE GRADING LIMIT LINES SHOWN ON THE PLANS, AND SHALL BE RESPONSIBLE FOR PROVIDING ALL SITE RESTORATION FOR A SQUARE YARD AMOUNT AS PROVIDED IN TURF ESTABLISHMENT, PERFORMANCE AND PROJECT CLEAN UP PAY ITEMS. DISTURBANCE LIMITS SHALL BE MINIMIZED TO PROTECT ALL NATURAL AREAS. ALL DISTURBED AREAS SHALL BE RESTORED AS NEW.
- COVERS AND CASTINGS
ALL FINAL ELEVATIONS OF MANHOLE CASTINGS, HYDRANTS, VALVES AND VALVE BOXES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. CASTINGS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, WITH MATERIALS APPROVED BY THE ENGINEER.
- TURF ESTABLISHMENT
ALL AREAS OF SLOPE RESTORATION SHALL BE SEEDED WITH MDOT TYPE TURF (TURF URBAN FREEWAY) SEED MIXTURE. AT AREAS OF EROSION SOILS AND SLOPES, THE SEEDING MIXTURE SHALL CONTAIN ADDITIONAL CEREAL RYE WITHIN THE SEED MIXTURE FOR FASTER GROWTH POTENTIAL.
- RIPRAP, PLAIN
RIPRAP MATERIAL SHALL BE NATURAL STONE AS SPECIFIED IN SECTION 916.01 OF THE MDOT 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- SUBBASE
THE CONTRACTOR SHALL PROVIDE A SAMPLE OF PATHWAY SUBBASE FOR TESTER TO CALIBRATE NUKE GAUGE.

BID ITEM QUANTITY TABLE (MISC. QUANTITIES):

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL EST. QTY.
150001	GENERAL CONDITIONS AND MOBILIZATION (10% MAX)	LUMP SUM	1.0
2080036	EROSION CONTROL, SILT FENCE	FT	500.0
2090001	PROJECT CLEANUP	LUMP SUM	1.0
2097051	_AUDIO VISUAL FILE, SPECIAL	LUMP SUM	1.0
8080007	FENCE, PROTECTIVE	FT	100.0
8120026	PEDESTRIAN TYPE II BARRICADE, TEMP	EACH	4.0
8167002	_TURF ESTABLISHMENT, PERFORMANCE	SYD	250.0

GENERAL SITE NOTES

- THE WORK COVERED BY THESE PLANS INCLUDES BRIDGE REMOVAL, FOUNDATION EXCAVATION, ABUTMENT BACKFILL, ABUTMENT CONSTRUCTION, FURNISHING AND INSTALLATION PREFABRICATED STRUCTURE AND RELATED WORK.
- THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
- PLANS REFER TO NAVD 88 DATUM.
- WATER LEVEL IS SUBJECT TO CHANGE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING A DETERMINATION OF WATER LEVELS THAT MAY EXIST DURING CONSTRUCTION.
- MEASURES SHALL BE TAKEN TO PREVENT DEBRIS FROM FALLING FROM THE STRUCTURE. IF DEBRIS FALLS INTO THE WATERWAY, IT SHALL BE REMOVED WITHIN 24 HOURS. SINCE DISTURBANCE OF THE WATERWAY BOTTOM MAY BE AS HARMFUL AS THE DEBRIS ITSELF THE PREVENTATIVE MEASURES MUST BE EFFECTIVE.
- IMMEDIATELY AFTER THE CONSTRUCTION OF AN ABUTMENT IS COMPLETED, SLOPE PROTECTIONS AND SEEDING OR SODDING SHALL BE PLACED ON THE ADJACENT EMBANKMENT SLOPES.

GENERAL BRIDGE NOTES

- DESIGN AND CONSTRUCTION OF ALL WORK SHALL CONFORM TO THE PLANS AND SPECIFICATIONS PROVIDED AND APPLICABLE LOCAL AND STATE CODES, ORDINANCES, AND REGULATIONS INCLUDING THOSE OF THE COUNTY BUILDING DEPARTMENT.
- DO NOT SCALE THIS DRAWING. USE APPROVED PLANS FOR DIMENSIONS.
- PROPOSED SCOPE OF WORK IS TO DESIGN THE FOUNDATION FOR THE PROPOSED BRIDGES AS SHOWN ON THIS PLAN. THE REST OF THE STRUCTURE SHALL BE ADEQUATELY DESIGNED BY OTHERS.
- LOADING INFORMATION IS TAKEN FROM DRAWING PROVIDED BY THE BRIDGE MANUFACTURER. THE ENGINEER MUST BE NOTIFIED OF FINAL LOADING DURING SHOP DRAWINGS REVIEW.
- USE GRADE 60,000 PSI STEEL, EPOXY COATED.
- USE CONCRETE MIX WITH $f_c = 4,000$ PSI (CONC. CUBE STRENGTH).
- CLEAR DISTANCE BETWEEN PARALLEL BARS IN A LAYER SHALL BE NOT LESS THAN A BAR DIAMETER NOR 1".
- MINIMUM OVERLAP LENGTH OF THE REINFORCEMENT SHALL BE 2'.
- ALL REINFORCING DETAILS SHALL BE AS SHOWN IN APPROPRIATE SECTION OF THESE DRAWINGS UNLESS OTHERWISE SPECIFIED.
- CONCRETE MIX SHALL BE COMPACTED (VIBRATED) CONTINUOUSLY WHILE POURING CONCRETE.
- FORM AND REINFORCEMENTS SHALL BE ERECTED PER SPECIFICATIONS SO THE FINISHED SMOOTH SURFACE SHALL BE ACHIEVED.
- WHEN CONCRETE IS PLACED AGAINST PREVIOUSLY HARDENED CONCRETE, THE INTERFACE SHALL BE ROUGHENED TO A FULL AMPLITUDE OF APPROXIMATELY 1/4".
- AT THE ASSUMED ELEVATION, IE @ THE FOUNDATION LEVEL, GROUND SHALL BE THOROUGHLY COMPACTED BEFORE POURING CONCRETE TO ACHIEVE A MAXIMUM DENSITY (OR AS DIRECTED BY ENGINEER).
- AT THE BOTTOM OF THE FOOTING, SIX INCHES OF CRUSHED STONE SHALL BE PLACED TO CREATE WORKING CONDITIONS. THE TRENCHES SHALL BE KEPT DRY DURING CONSTRUCTION.
- ALL CONCRETE WORK SHALL CONFORM TO ACI 301-72.
- ALL STRUCTURE REINFORCEMENT SHALL CONFORM TO ASTM-A615-60.
- WHILE POURING CONCRETE, THE AREA SHALL KEPT DRY, IE NEEDS TO BE DEWATERED BY WELL POINTS OR EQUIVALENT METHOD, IF POSSIBLE.
- FORMS FOR THE WALLS SHALL BE KEPT IN PLACE FOR AT LEAST 7 DAYS AFTER POURING THE CONCRETE.
- ANY DEVIATION FROM THE NOTED/DISCUSSED SUB-SURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION, THEY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
- IT IS TO BE NOTED THAT IN CASE OF DEEP EXCAVATION, SHORING AND BRACING OF THE TRENCHES SHALL BE REQUIRED BY OSHA CODES.
- MATERIALS REMOVED FROM THE EXCAVATION SHALL NOT BE STOCKPILED IMMEDIATELY ADJACENT TO THE EXCAVATION TO PREVENT SUDDEN COLLAPSE OF THE EMBANKMENT.
- THE EXCAVATION WIDTH OF TRENCHES FOR THE FOOTING SHALL BE AS REQUIRED FOR PROPER CONSTRUCTION.

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXIST. CONTOUR		EXIST. CURB AND GUTTER
	PROP. CONTOUR		PROP. CURB AND GUTTER
	EXIST. SPOT ELEVATION		CENTERLINE OF DITCH
	PROP. SPOT ELEVATION		EDGE OF WATER
	TOP OF CURB		EDGE OF WETLAND
	TOP OF PAVEMENT		EXISTING FENCE
	GUTTER		PROPOSED FENCE
	EXIST. STORM SEWER		TREE PROTECTION FENCE
	PROP. STORM SEWER		SILT FENCE
	EXIST. MANHOLE		CLEARING LIMITS
	PROP. MANHOLE		EXIST. GUARDRAIL
	PROP. EDGE DRAIN		PROP. GUARDRAIL
	EXIST. CATCH BASIN/INLET		PROPERTY LINE
	PROP. CATCH BASIN/INLET		CENTERLINE
	END SECTION/HEAD WALL		EXIST. SIGN
	CULVERT		PROP. SIGN
	INLET FILTER		ENCLOSED TRASH AREA
	PROP. CLEANOUT		DRAINAGE DIRECTION
	EXIST. SANITARY SEWER		SIDEWALK RAMP
	PROP. SANITARY SEWER		BARRIER FREE PARKING
	EXIST. WATER MAIN		FINISH FLOOR ELEV.
	PROP. WATER MAIN		FINISH GRADE ELEV.
	EXIST. HYDRANT		BASEMENT FLOOR ELEV.
	PROP. HYDRANT		GARAGE FLOOR ELEV.
	EXIST. POST INDICATOR VALVE		SECTION CORNER
	EXIST. GATE VALVE AND BOX/STOP BOX		CONTROL POINT
	PROP. CURB STOP BOX		FOUND IRON PIPE
	EXIST. GATE VALVE AND WELL		SET IRON PIPE
	PROP. GATE VALVE AND WELL		FOUND CONCRETE MONUMENT
	PROP. REDUCER		SET CONCRETE MONUMENT
	PROP. END CAP		FOUND PK NAIL
	EXIST. OVERHEAD ELECTRIC		SET PK NAIL
	PROP. OVERHEAD ELECTRIC		FOUND LEADED CHISEL HOLE
	EXIST. UNDERGROUND ELECTRIC		SET LEADED CHISEL HOLE
	PROP. UNDERGROUND ELECTRIC		FOUND REROD
	EXIST. LIGHT POLE		APPROX. LOCATION OF SOIL BORING
	PROP. LIGHT POLE		APPROX. LOCATION OF MONITORING WELL
	EXIST. UTILITY POLE		APPROX. LOCATION OF PENETRATION TEST
	GUY WIRE		EXIST. DECIDUOUS TREE
	EXIST. ELECTRIC TRANSFORMER		EXIST. EVERGREEN TREE
	PROP. ELECTRIC TRANSFORMER		EXIST. SHRUB
	EXIST. OVERHEAD TELEPHONE		EXIST. TREE OR BRUSH LIMIT
	PROP. OVERHEAD TELEPHONE		TREE TO BE REMOVED
	EXIST. GAS		REMOVE AND REPLACE
	PROP. GAS		BITUMINOUS PAVEMENT
	EXIST. MAILBOX		GRAVEL PAVEMENT
	EXIST. GAS RISER		CONCRETE PAVEMENT
	EXIST. TELEPHONE RISER		BRICK PAVERS
	COMPACTED SAND BACKFILL		

STANDARD PLANS NOT TO BE PRINTED	
SHEET NO.	TITLE
R-28-J	CURB RAMP AND DETECTABLE WARNING DETAILS
R-29-I	DRIVEWAY OPENINGS & APPROACHES, AND CONCRETE SIDEWALKS
R-82-D	BEDDING AND FILLING AROUND PIPE CULVERTS
R-83-C	UTILITY TRENCHES
R-86-F	PRECAST CONCRETE END SECTION FOR PIPE CULVERTS
R-95-G	CULVERT SLOPED END SECTIONS
R-96-E	SOIL EROSION & SEDIMENTATION CONTROL MEASURES
R-100-I*	SEEDING AND TREE PLANTING
R-1-G	DRAINAGE STRUCTURES
R-35-E	CONCRETE SHOULDER GUTTER & SPILLWAY

*DENOTES SPECIAL DETAIL INCLUDED IN PROPOSAL

TRAFFIC AND SAFETY STANDARD PLANS NOT TO BE PRINTED	
SHEET NO.	TITLE
*WZD-100-A	GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS
*WZD-125-E	TEMPORARY TRAFFIC CONTROL DEVICES
SIGN-120-E	ROADSIDE SIGN LOCATIONS & SUPPORT SPACING
SIGN-200-E	STEEL POSTS
PAVE-900-G	PAVEMENT ARROW AND MESSAGE DETAILS
PAVE-945-D	INTERSECTION, STOP BAR & CROSSWALK MARKINGS
SIGN-740-B	MISCELLANEOUS SIGN CONNECTION DETAILS

AGENCY & UTILITY CONTACTS

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Notes

G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
D	BID SET	CRW	MDP	2024.08.16
C	PERMIT SET	CRW	MDP	2024.05.15
B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10
Issued		By	Appd	YYYY.MM.DD
File Name: 153906_C-002		JA	CW	MP
		Dwn.	Dsgn.	Chkd.

Permit/Seal

NOTE:
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

Client/Project
CITY OF ANN ARBOR

ANN ARBOR PARKS
BRIDGE REPLACEMENT

Ann Arbor, MI

GENERAL NOTES, LEGEND AND SYMBOLS

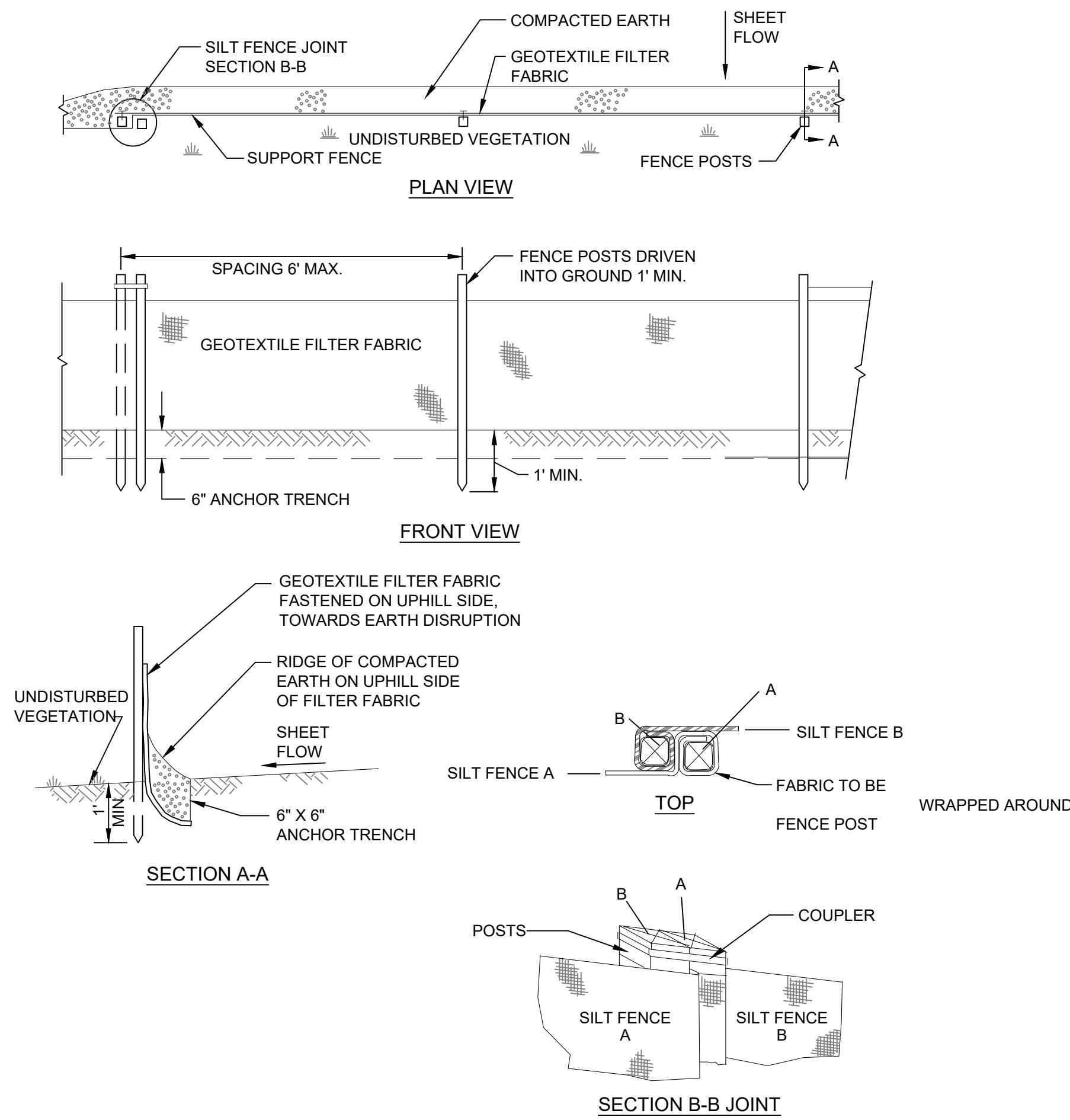
Project No. 2075153906	Scale:
Revision Sheet 0 02 of 12	Drawing No.

G-002 EGLE
Approved
WRP042133 v1.1
Issued On:07/30/2024
Expires On:07/30/2024

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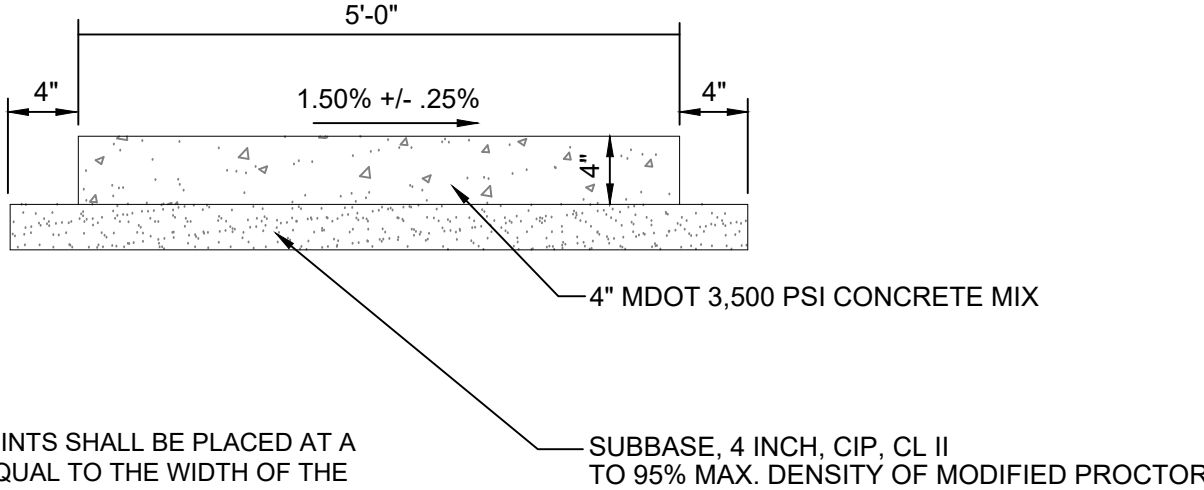
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Notes



SILT FENCE

SCALE: NONE

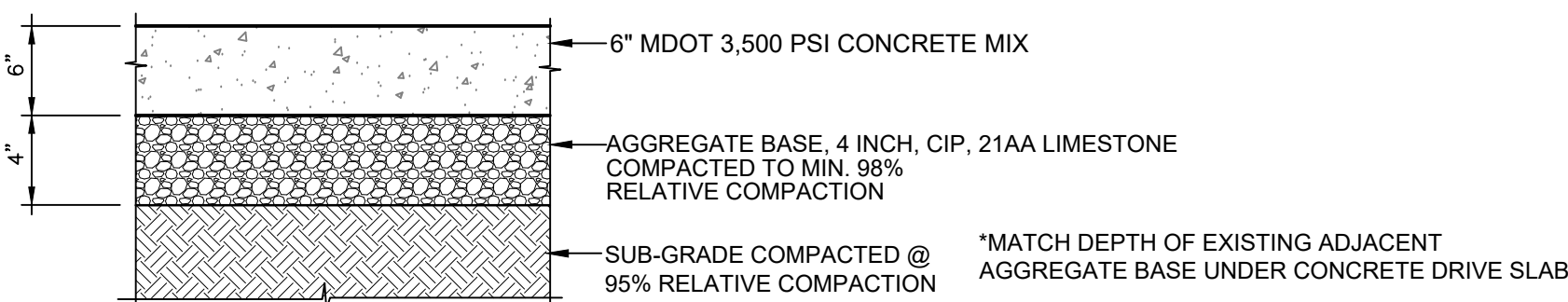


NOTES:

- CONTRACTION JOINTS SHALL BE PLACED AT A DISTANCE APART EQUAL TO THE WIDTH OF THE SIDEWALK. EVERY TENTH JOINT SHALL BE A 1/2" EXPANSION JOINT.
- WHERE SIDEWALK CROSSES A DRIVEWAY WALK SHALL BE THICKENED TO 6" THICK CONCRETE SECTION.
- SUBBASE SHALL BE INCLUDED WITH THE SIDEWALK PAY ITEM.

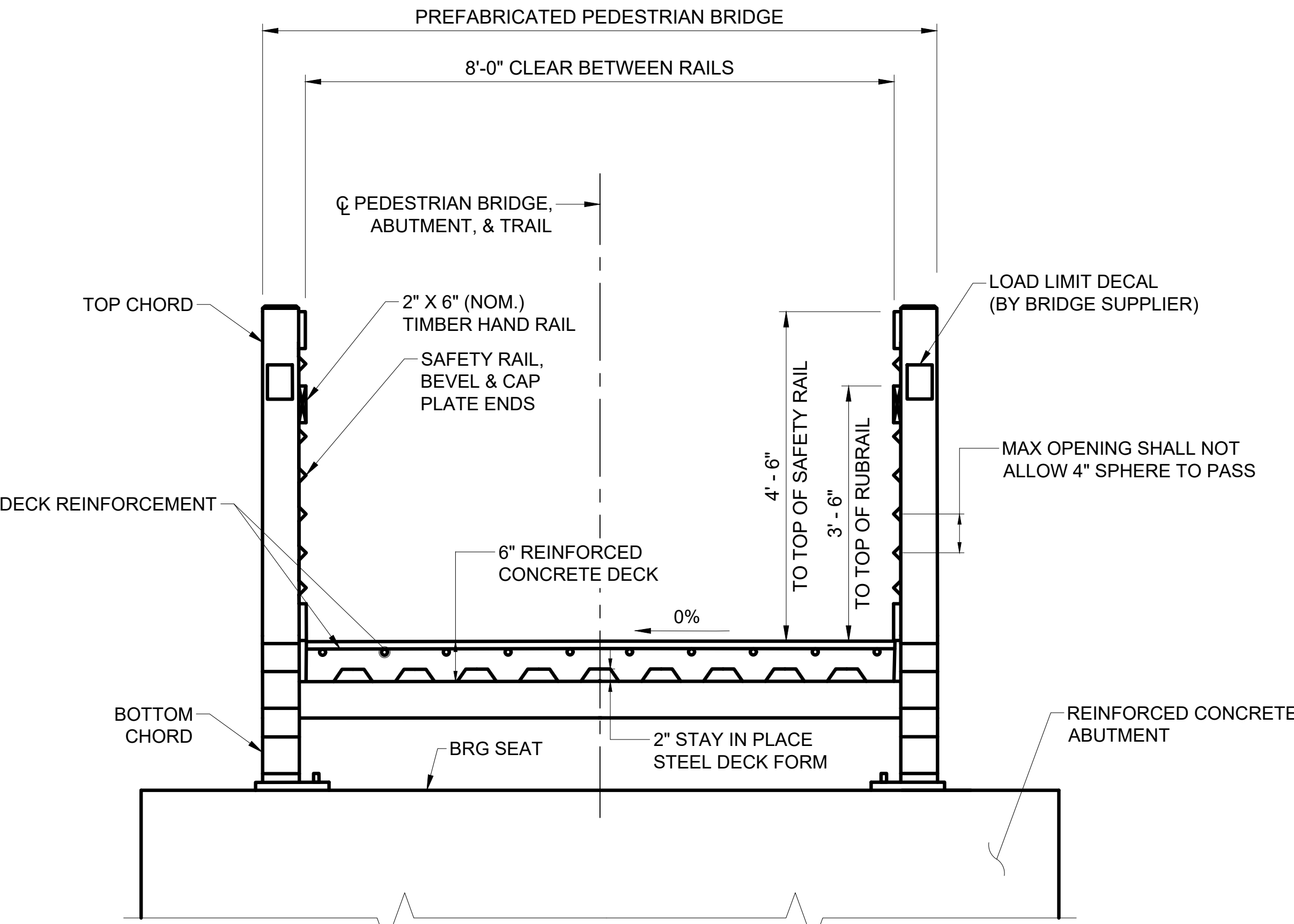
TYPICAL CONCRETE SIDEWALK SECTION [SYLVAN PARK]

SCALE: NONE



6" CONCRETE SIDEWALK [LESLIE PARK]

SCALE: NONE

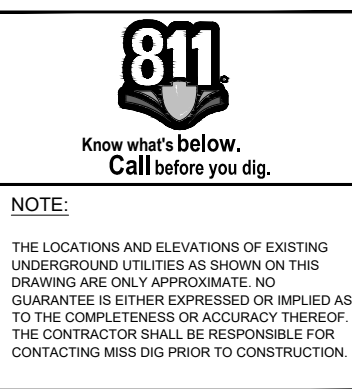


TYPICAL BRIDGE CROSS SECTION DETAIL

SCALE: NONE

G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
D	BID SET	CRW	MDP	2024.08.14
C	PERMIT SET	CRW	MDP	2024.05.15
B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10
Issued		By	Appd	YYYY.MM.DD
File Name: 153906_C-003		JA	CW	MP
		Dwn.	Dsgn.	Chkd.

Permit/Seal



Client/Project
CITY OF ANN ARBOR

ANN ARBOR PARKS
BRIDGE REPLACEMENT
Ann Arbor, MI

SOIL EROSION CONTROL AND CONSTRUCTION DETAILS

Project No.	Scale:
2075153906	
Revision	Sheet
0	03 of 12

Drawing No.
G-003

EGLE
Approved
Issued On:07/30/2024
Expires On:07/30/2024

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CONSTRUCTION NOTES:

SEE GENERAL SITE NOTES AND GENERAL BRIDGE NOTES ON SHEET G-002.

DRAWINGS SHALL NOT BE SCALED.

EXCAVATE TO THE BOTTOM ELEVATION SHOWN FOR EACH SUBSTRUCTURE UNIT AS THE LOWER LIMIT AND TO EXISTING GRADE AS THE UPPER LIMIT. THE EXTENT OF THE EXCAVATION INCLUDING BACK SLOPE ANGLE TO BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR DEPENDING ON SOIL PROPERTIES AND/OR OSHA SAFETY FACTORS.

VERIFY PREFABRICATED BRIDGE DIMENSIONS PRIOR TO CONSTRUCTING CONCRETE ABUTMENTS.

DRESS SLOPES AND PLACE FILTER MATERIALS AND RIPRAP IN THE APPROXIMATE AREAS SHOWN AS DIRECTED BY THE ENGINEER.

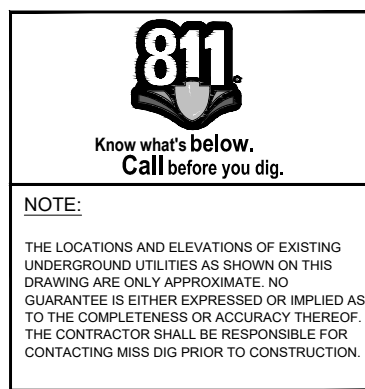
KEY NOTES:

- ITEM INCLUDES REMOVAL OF EXISTING TIMBER BRIDGE, ABUTMENTS, SIDEWALK, AND CONCRETE PILES. REMOVE CONCRETE PILES TO A DEPTH OF 2 FEET BELOW FINISHED GRADE/EXCAVATION LIMITS. MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OFF SITE.
- ITEM INCLUDES ALL DESIGN, MATERIALS, AND LABOR TO PROVIDE AND INSTALL THE PREFABRICATED BRIDGE, BEARINGS AND ANCHOR BOLTS, REINFORCED CONCRETE DECK, AND INCIDENTALS.
- ITEM INCLUDES ALL MATERIALS AND LABOR TO CONSTRUCT THE CAST-IN-PLACE REINFORCED CONCRETE ABUTMENTS, INCLUDING CONCRETE, REINFORCEMENT, EXCAVATION, DEWATERING, AND SITE PREPARATION.

G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
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C	PERMIT SET	CRW	MDP	2024.05.15
B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10
Issued		By	Appd	YYYY.MM.DD

File Name: 153906C-104	JA	CW	MP	2023.11.09
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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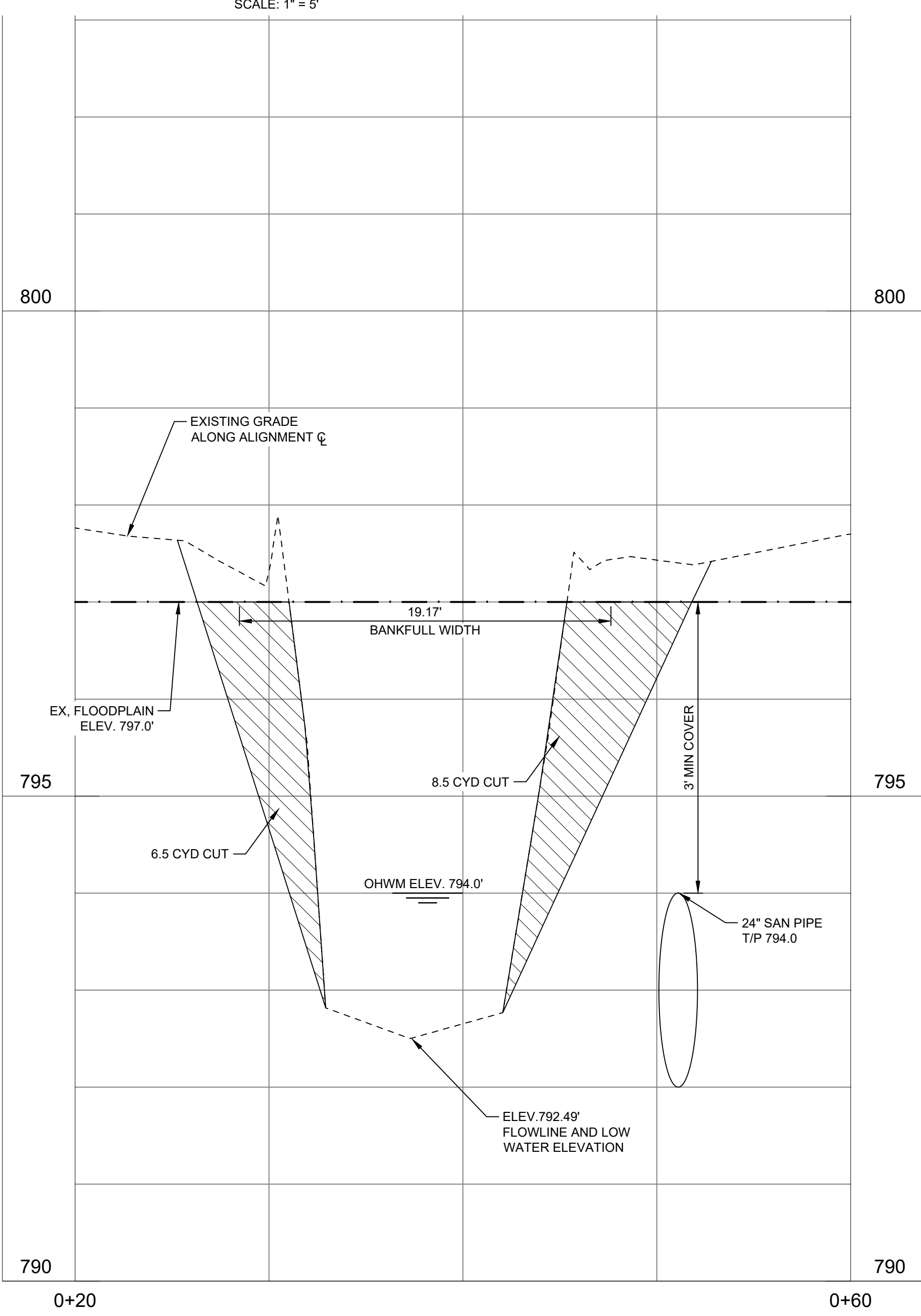
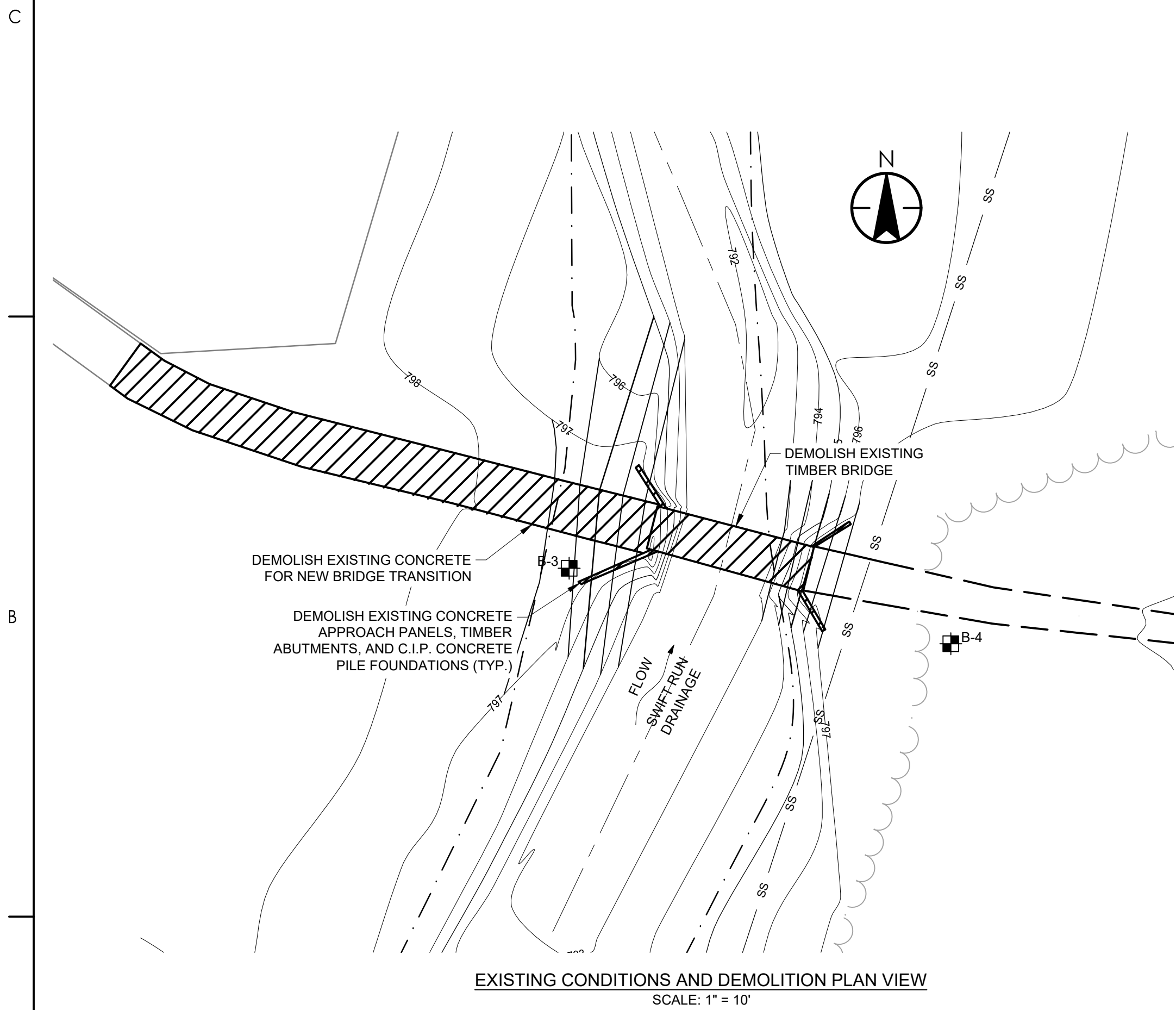
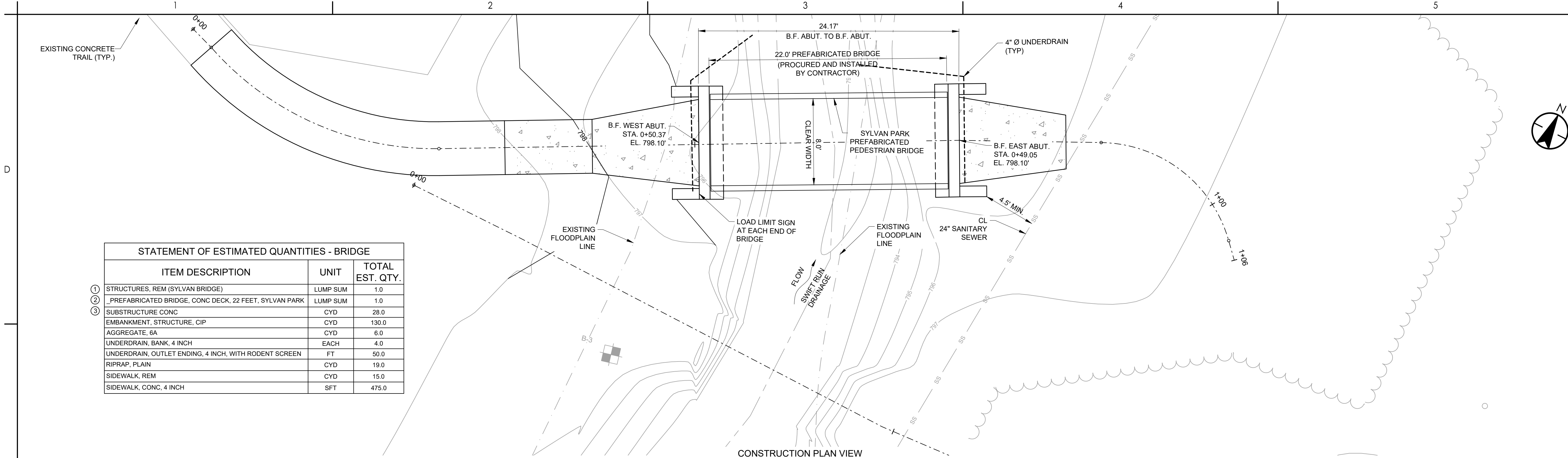
ANN ARBOR PARKS
BRIDGE REPLACEMENT

Ann Arbor, MI

SYLVAN PARK BRIDGE -
EX. COND, DEMO SESC &
CONSTRUCTION PLAN

Project No. 2075153906	Scale: AS NOTED
Revision Sheet 0 09 of 12	Drawing No. C-104

EGLE
Approved
Issued On: 07/30/2024
Expires On: 07/30/2024



CONSTRUCTION PROFILE VIEW (EXISTING BRIDGE REMOVAL)
SCALE: 1" = 5' HORZ. / 1" = 1' VERT.

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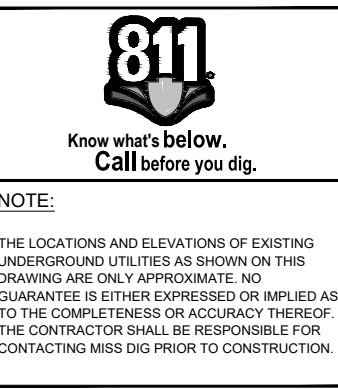
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G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
D	BID SET	CRW	MDP	2024.08.14
C	PERMIT SET	CRW	MDP	2024.05.15
B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10

Issued By Appd YYYY.MM.DD

File Name: 153906C-104	JA	CW	MP	2023.11.09
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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ANN ARBOR PARKS
BRIDGE REPLACEMENT

Ann Arbor, MI

SYLVAN PARK BRIDGE -
CONSTRUCTION PLAN

Project No. 2075153906	Scale: AS NOTED
Revision Sheet 0 10 of 12	Drawing No. C-104A

EGLE
Approved
Issued On: 07/30/2024
Expires On: 07/30/2029

D

C

B

A

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KEY NOTES:

- 2X6 BEVELED CONSTRUCTION JOINT.
- PROVIDE A MINIMUM CLEARANCE OF 2" BETWEEN ABUTMENT REINFORCEMENT AND ANCHOR BOLTS.
- PROVIDE $\frac{1}{8}$ " PER FOOT MINIMUM RUNNING SLOPE TO DAYLIGHT. CAP WITH RODENT SCREEN.

ABUTMENT NOTES:

VERIFY ABUTMENT LAYOUT, INCLUDING ANCHOR BOLT LOCATIONS, WITH BRIDGE SUPPLIER PRIOR TO CONSTRUCTION.

PLACE CONCRETE WITHOUT CONSTRUCTION JOINTS EXCEPT AS SHOWN ON THE DRAWINGS OR AS APPROVED BY THE ENGINEER.

FORM ALL EXPOSED CONCRETE EDGES WITH A $\frac{1}{2}$ " OR $\frac{3}{8}$ " CHAMFER UNLESS OTHERWISE NOTED.

PLACE REINFORCEMENT WITH A MINIMUM 2" CLEARANCE TO FACE OF CONCRETE UNLESS SHOWN OTHERWISE.

BACKFILL ABUTMENT WITH EQUAL LIFTS ON EACH SIDE.

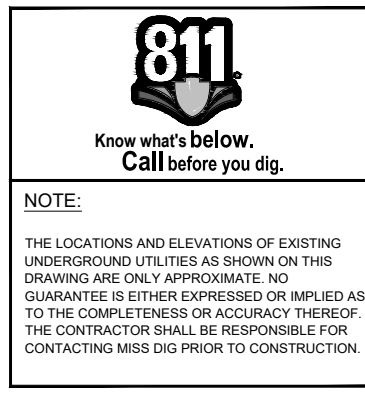
THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS AND BAR LISTS OF ALL REINFORCEMENT MATERIALS TO BE FURNISHED AND INSTALLED. SHOW BAR SIZES, SPACINGS, LOCATIONS, BENDING DETAILS, AND QUANTITIES REQUIRED.

G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
D	BID SET	CRW	MDP	2024.08.14
C	PERMIT SET	CRW	MDP	2024.05.15
B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10

Issued By Appd YYYY.MM.DD

File Name: 153904C-105	JA	CW	MP
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BRIDGE REPLACEMENT

Ann Arbor, MI

SYLVAN PARK BRIDGE
ABUTMENT DETAILS

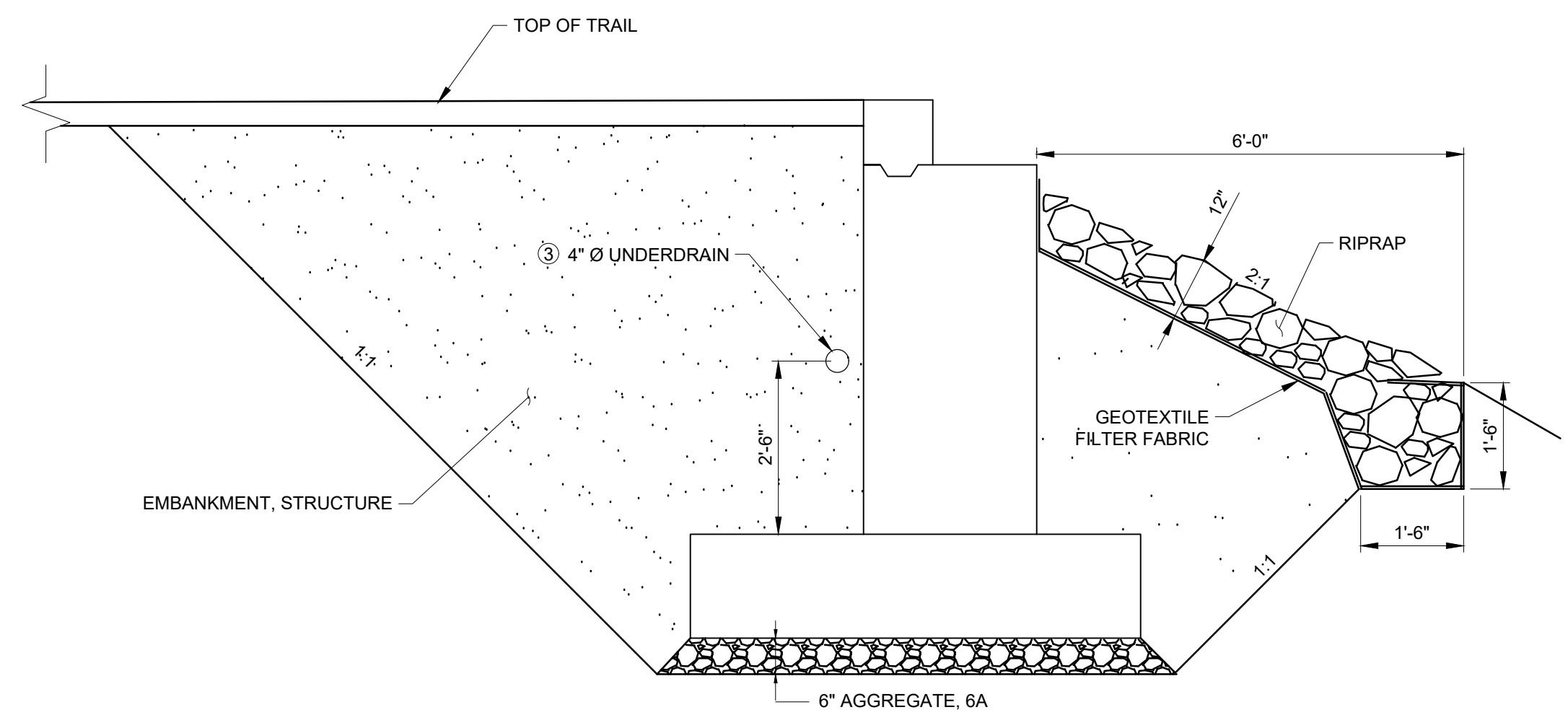
Project No. 2075153906 Scale:

Revision 0 Sheet 11 of 12 Drawing No.

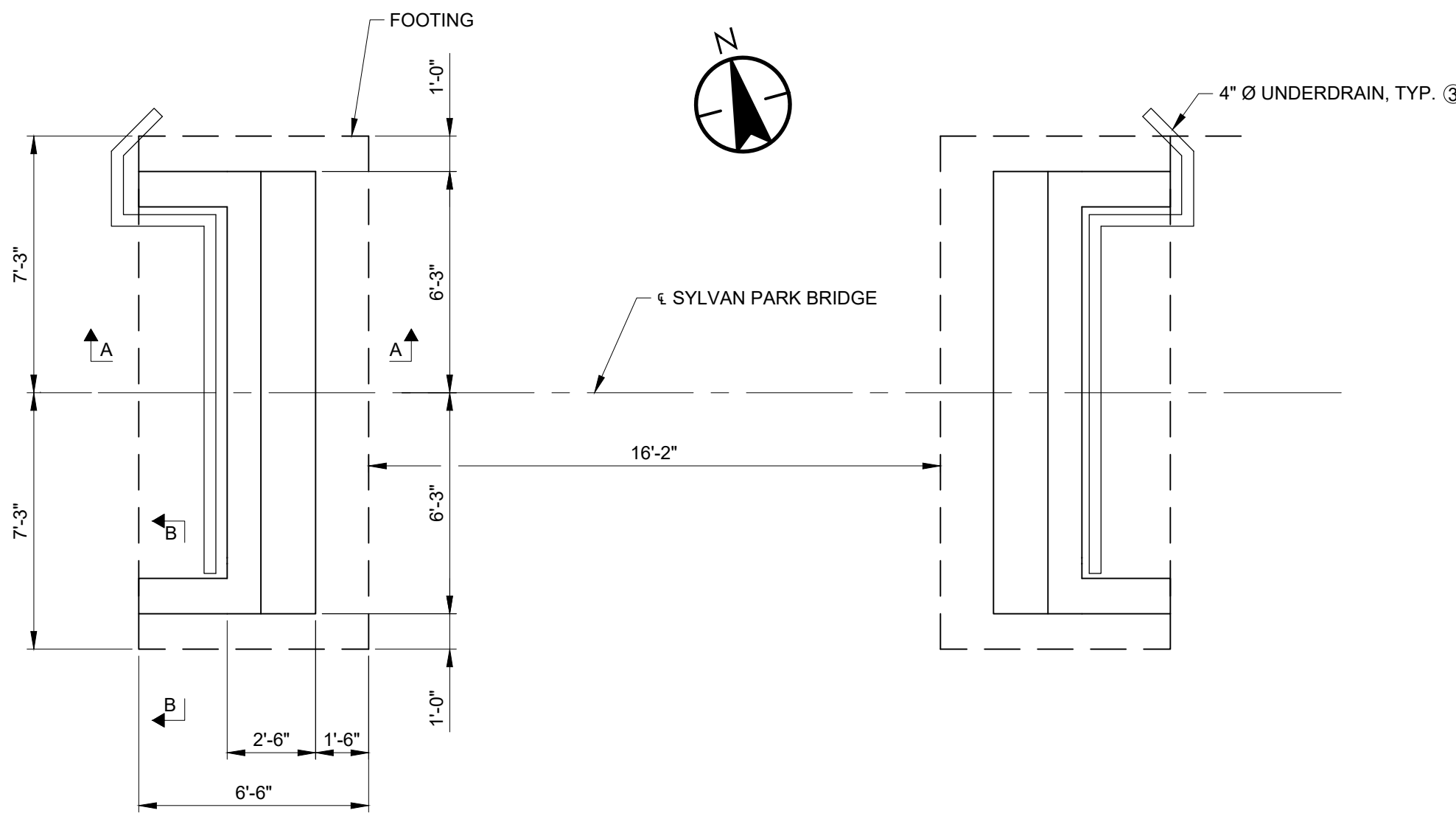
C-105

EGLE WRP042132 v1.1 Approved

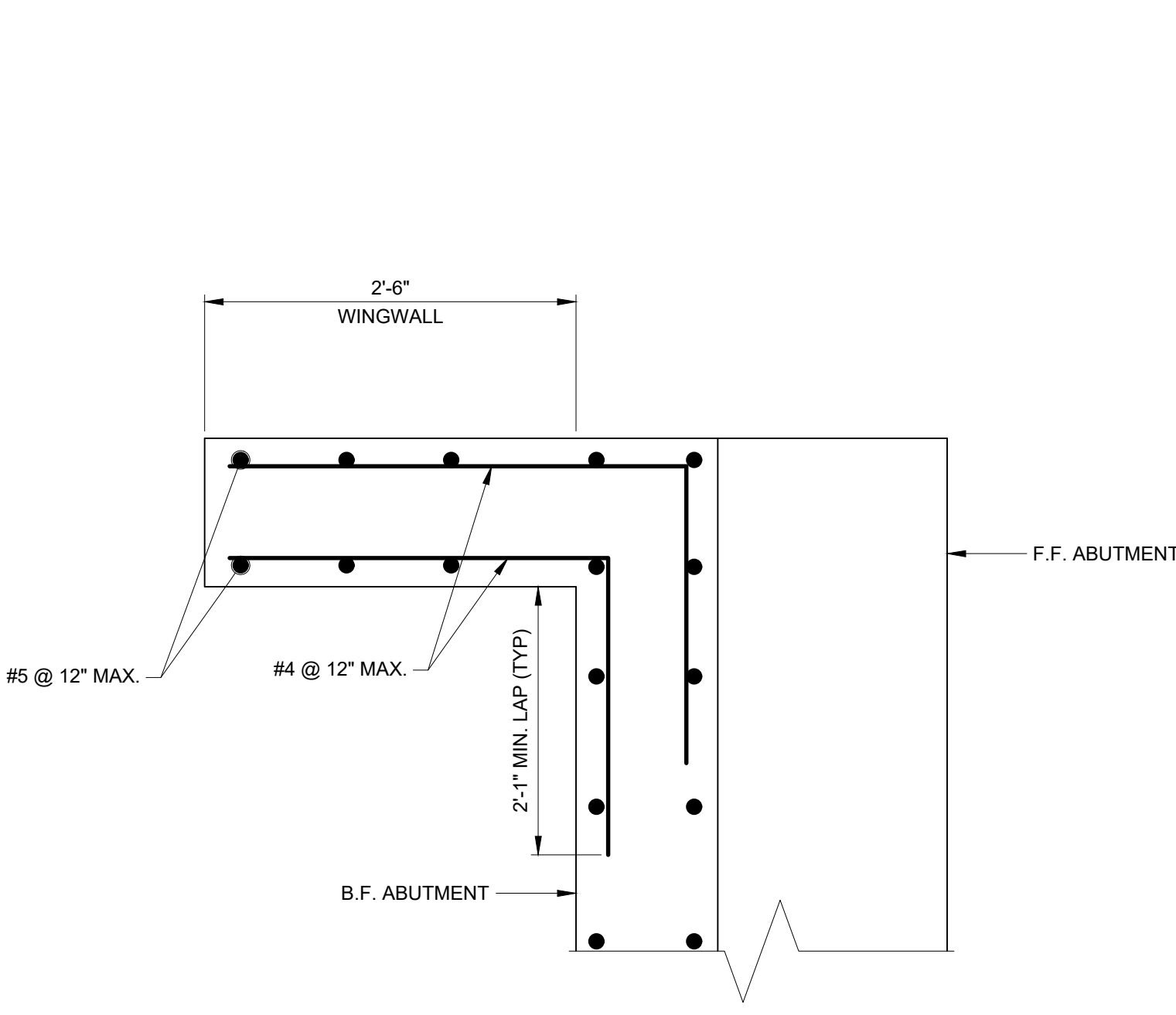
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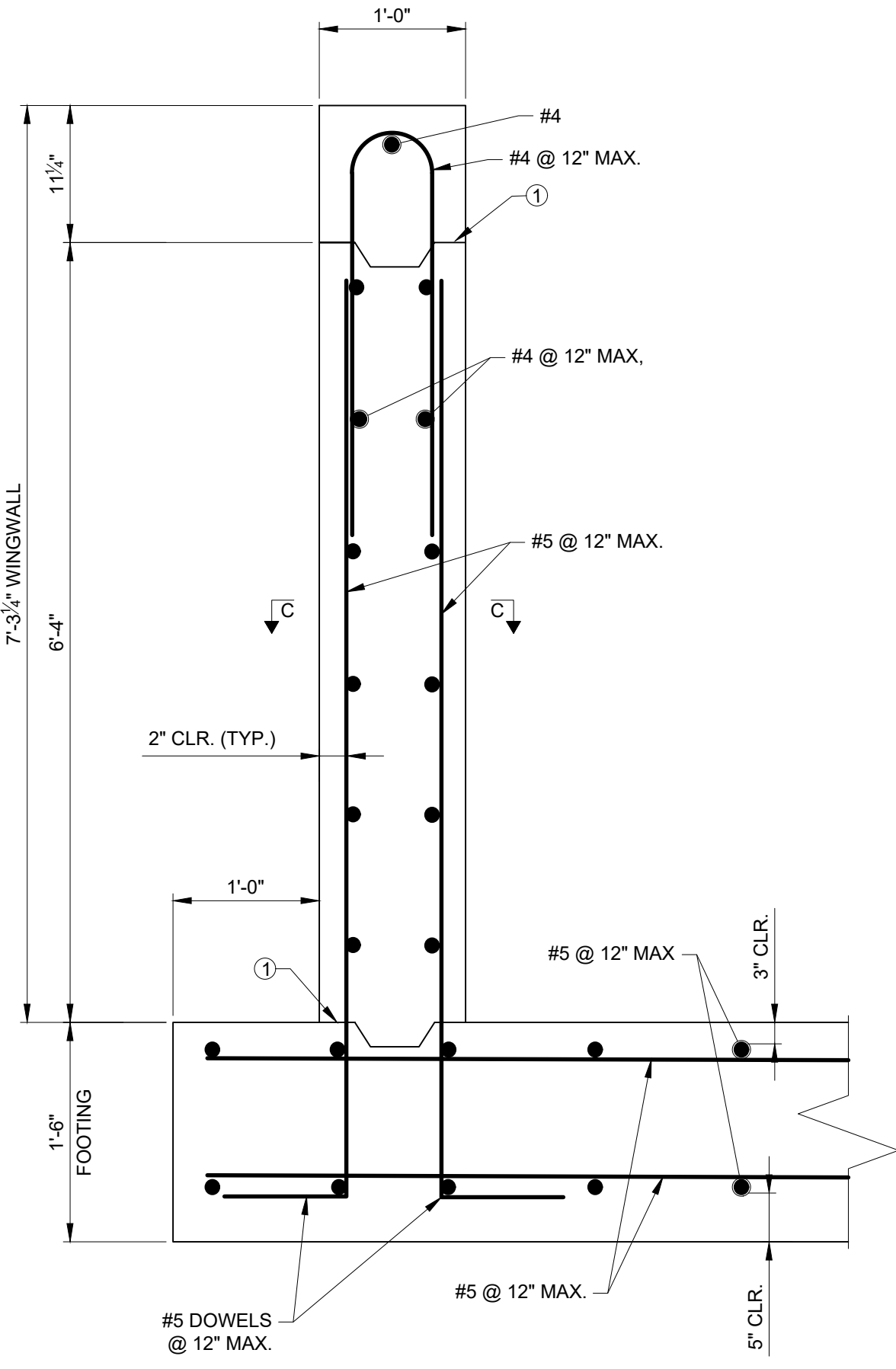
COMPLETED SECTION



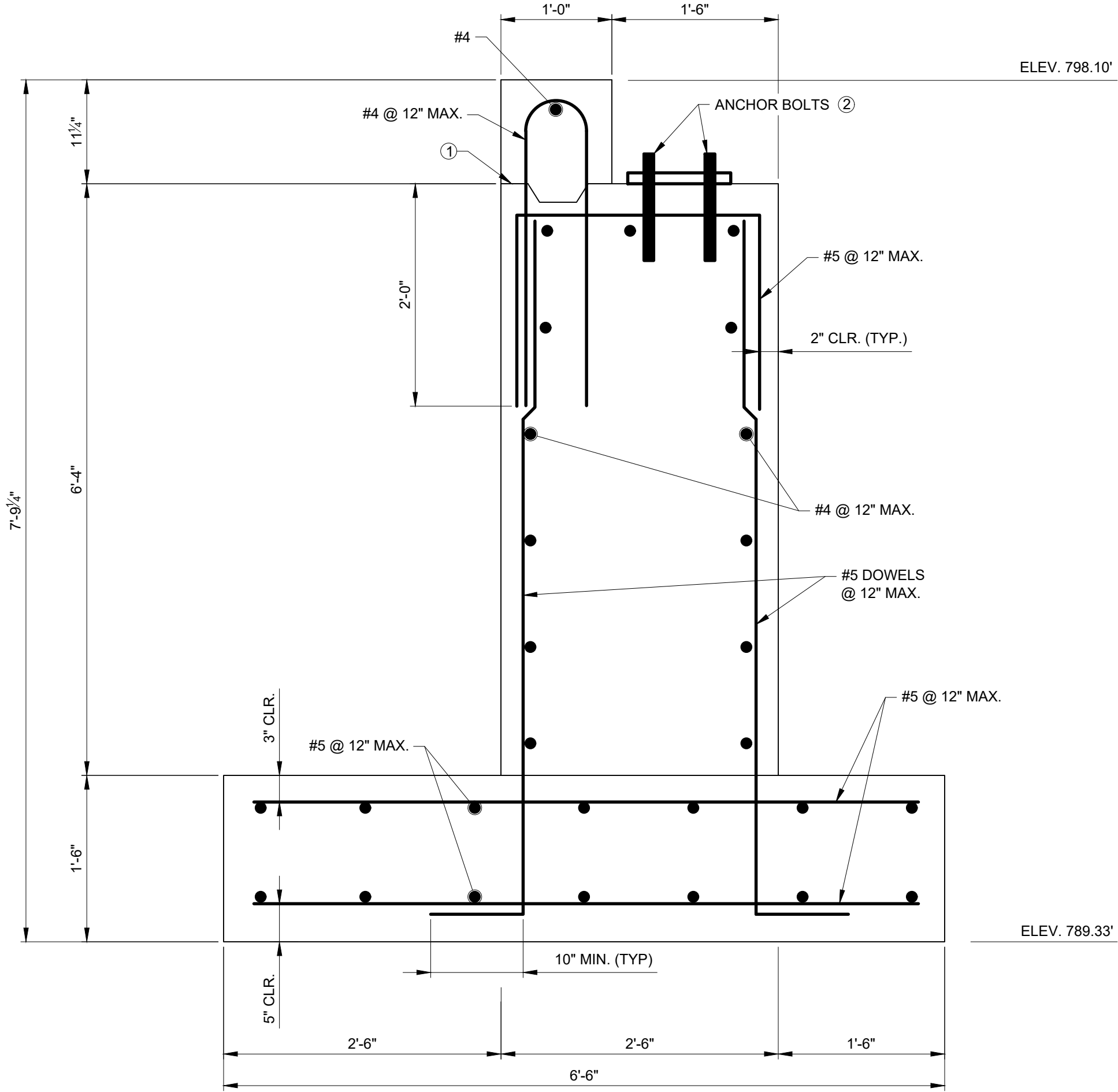
BRIDGE ABUTMENT PLAN



SECTION C-C



SECTION B-B



SECTION A-A

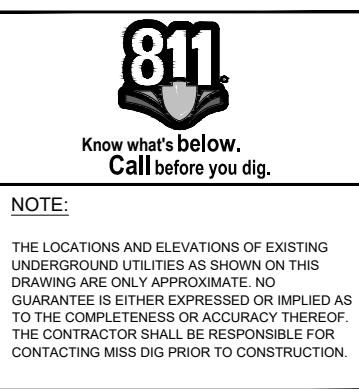
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Notes

G	EGLE PERMIT SET	CRW	MNL	2025.11.19
F	WCWRC PERMIT SET	CRW	MNL	2025.08.25
E	ADDENDUM #1	CRW	MDP	2024.09.24
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B	REVIEW SET	CRW	MDP	2024.03.15
A	PRELIMINARY PLANS	CRW	MDP	2023.11.10
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File Name: 153906C-200		JA	CW	MP
		Dwn.	Dsgn.	Chkd.

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BRIDGE REPLACEMENT
Ann Arbor, MI

LESLIE PARK BRIDGE -
SYLVAN PARK BRIDGE -
STAGING PLAN

Project No.	Scale:
2075153906	AS NOTED
Revision	Sheet
0	12 of 12
Drawing No.	
C-200	



LESLIE PARK BRIDGE STAGING PLAN
SCALE: 1" = 40'



SYLVAN PARK BRIDGE STAGING PLAN
SCALE: 1" = 40'