

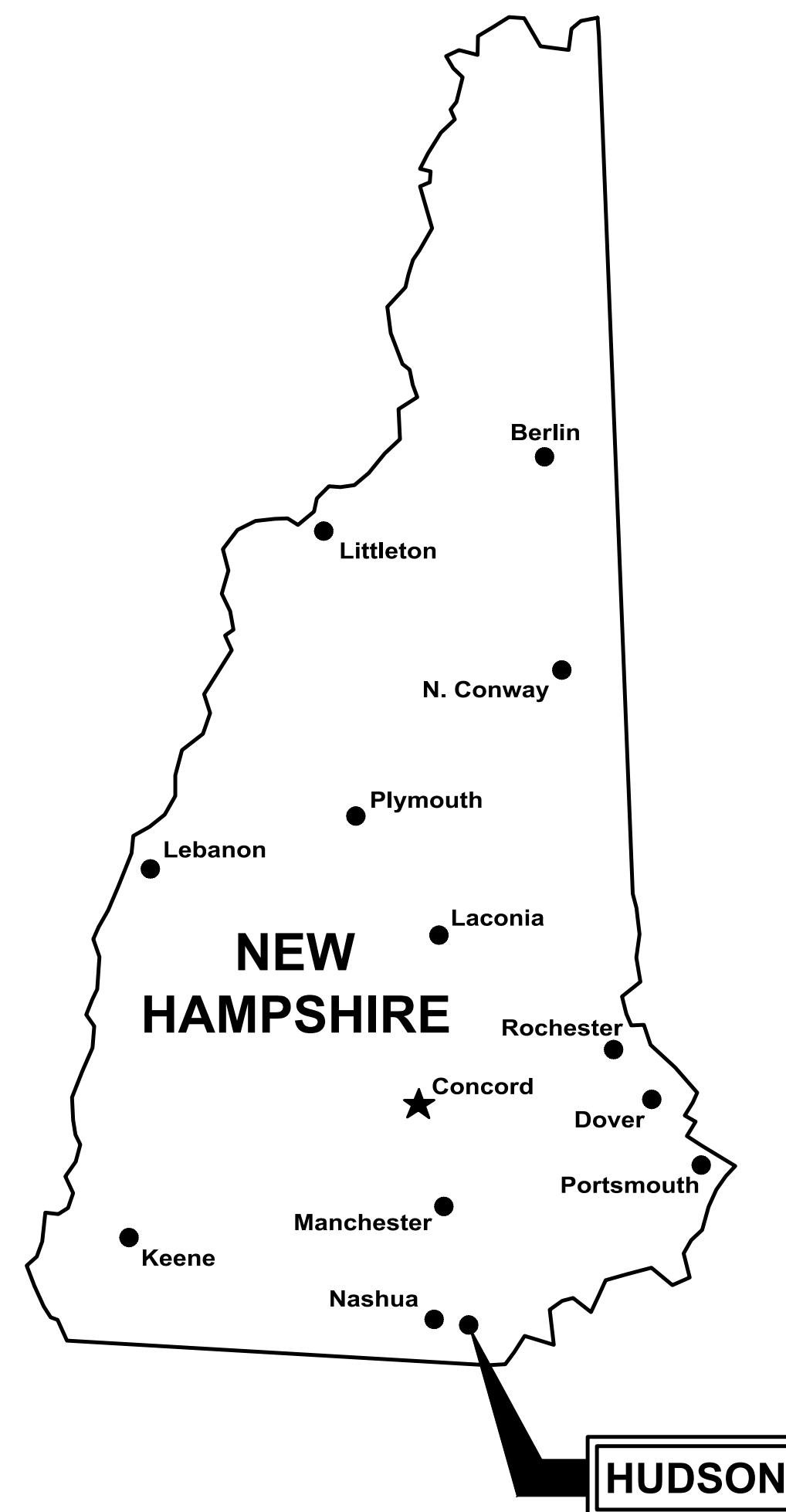
# TOWN OF HUDSON, NEW HAMPSHIRE

## CONTRACT DRAWINGS FOR

# MELENDY ROAD OVER FIRST BROOK (114/083)

# BRIDGE REPLACEMENT

JUNE 2024



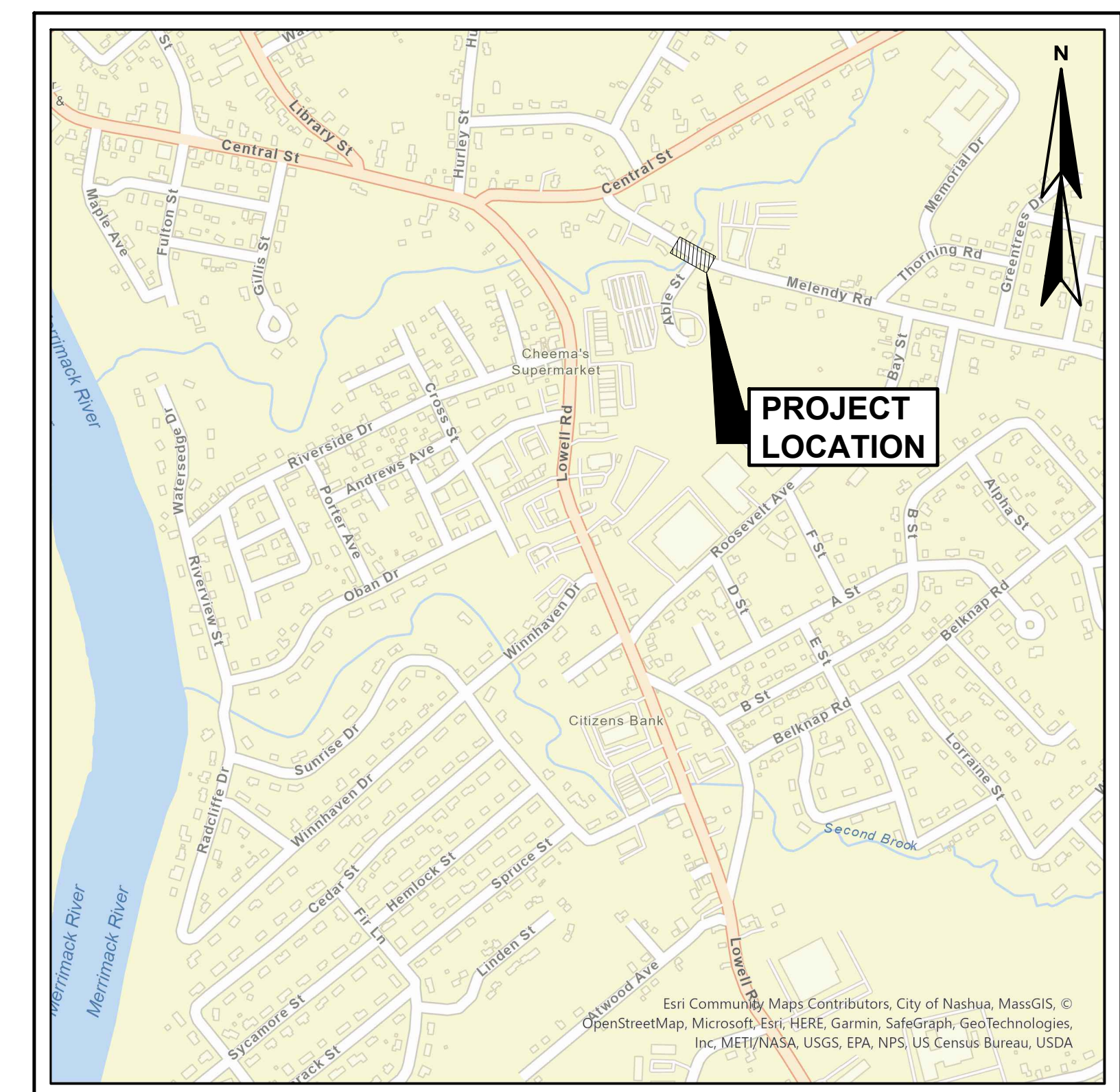
### DRAWING INDEX

#### GENERAL

--- COVER SHEET

#### CIVIL

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 C-2 GENERAL PLAN, QUANTITIES AND SECTIONS  
 C-3 GENERAL NOTES AND BORING LOG  
 C-4 BRIDGE PLAN AND SECTIONS  
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**LOCATION PLAN**  
SCALE: NTS

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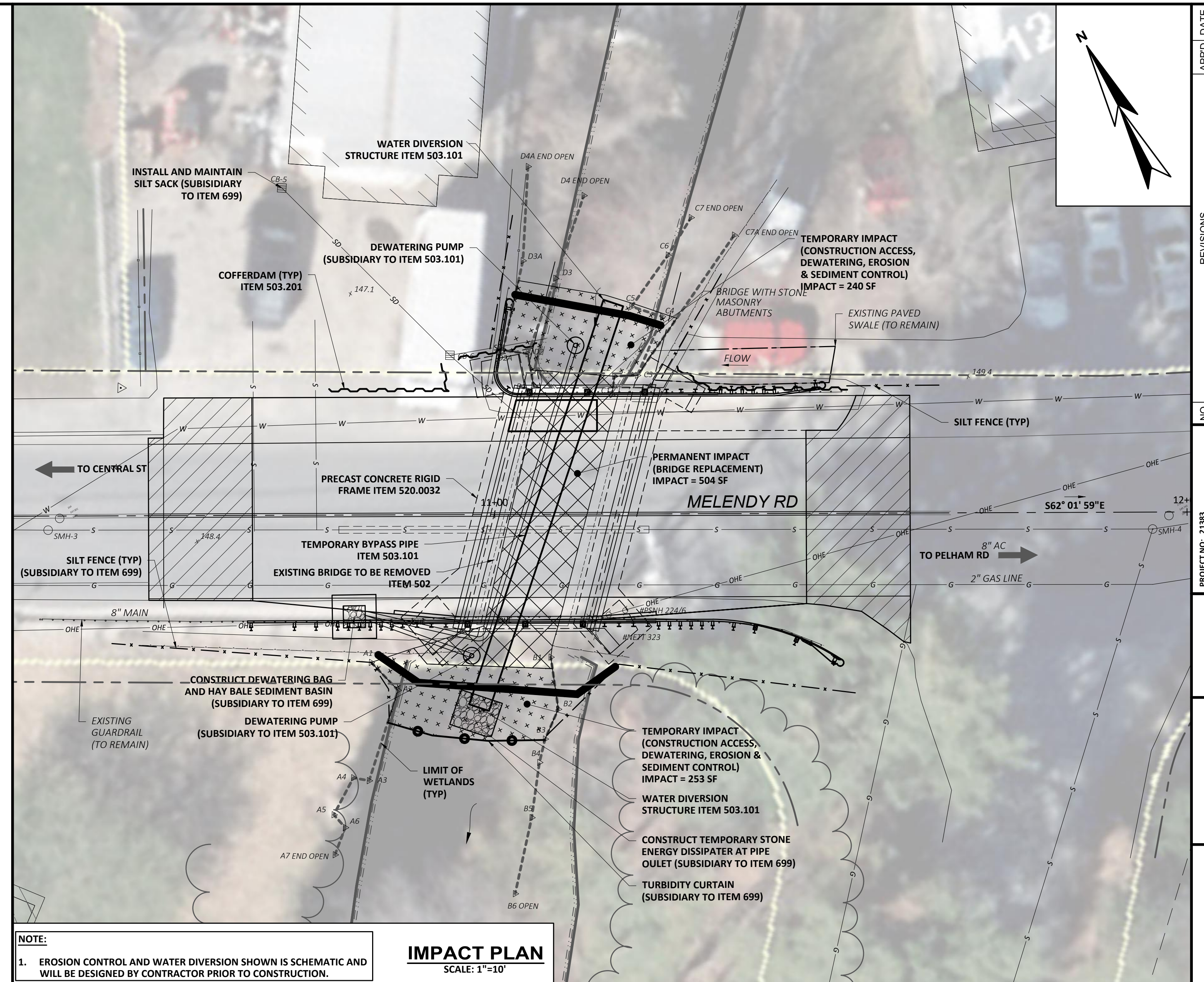


**GENERAL NOTES**

- PURPOSE OF PLAN: TO DEPICT THE WETLAND IMPACTS ASSOCIATED WITH THE PROPOSED REPLACEMENT OF THE MELENDY ROAD BRIDGE OVER THE FIRST BROOK, IN HUDSON, NH.
- THE WETLAND BOUNDARIES WERE DELINEATED BY MARC JACOBS, CERTIFIED WETLAND SCIENTIST, CWS NO. 090.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL TEMPORARY EROSION CONTROL PRIOR TO IMPLEMENTING THE WORK. IN ACCORDANCE WITH NHDOT SPECIFICATIONS AND NHDES PERMIT REQUIREMENTS, ALL METHODS TO BE INSPECTED DAILY AND MAINTAINED THROUGHOUT CONSTRUCTION UNTIL THE BRIDGE IS REPLACED AND ALL CONSTRUCTION AND EMBANKMENTS HAVE BEEN STABILIZED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING REGULAR FLOW WITHIN THE RIVER AT ALL TIMES AND PERFORM THE WORK DURING LOW FLOW PERIODS.

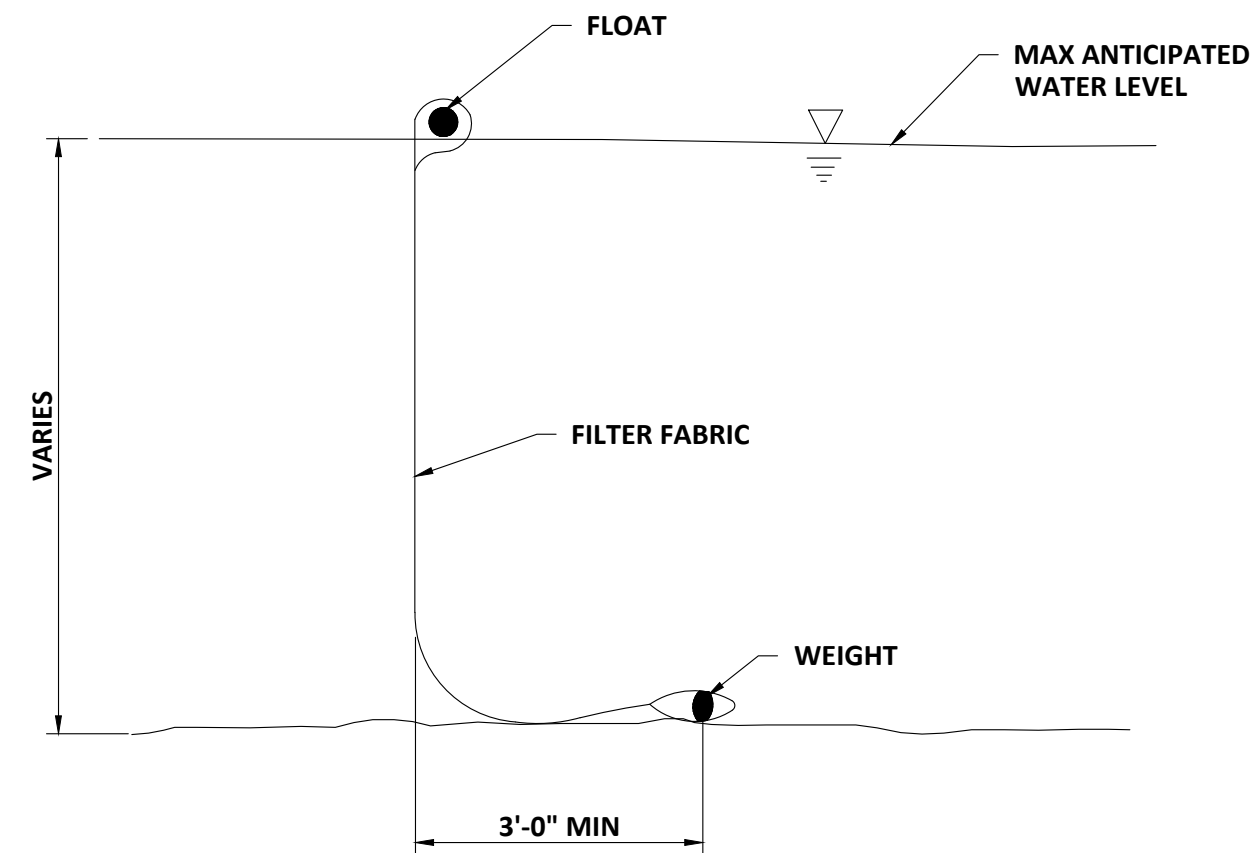
**EROSION CONTROL**

- SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLAN AND AS DIRECTED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CLEANED, REPLACED, AND AUGMENTED AS NECESSARY TO PREVENT SEDIMENTATION BEYOND PROJECT LIMITS THROUGHOUT THE PROJECT DURATION.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AFTER EACH RAIN EVENT.
- TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED AND APPROVED BY THE ENGINEER.

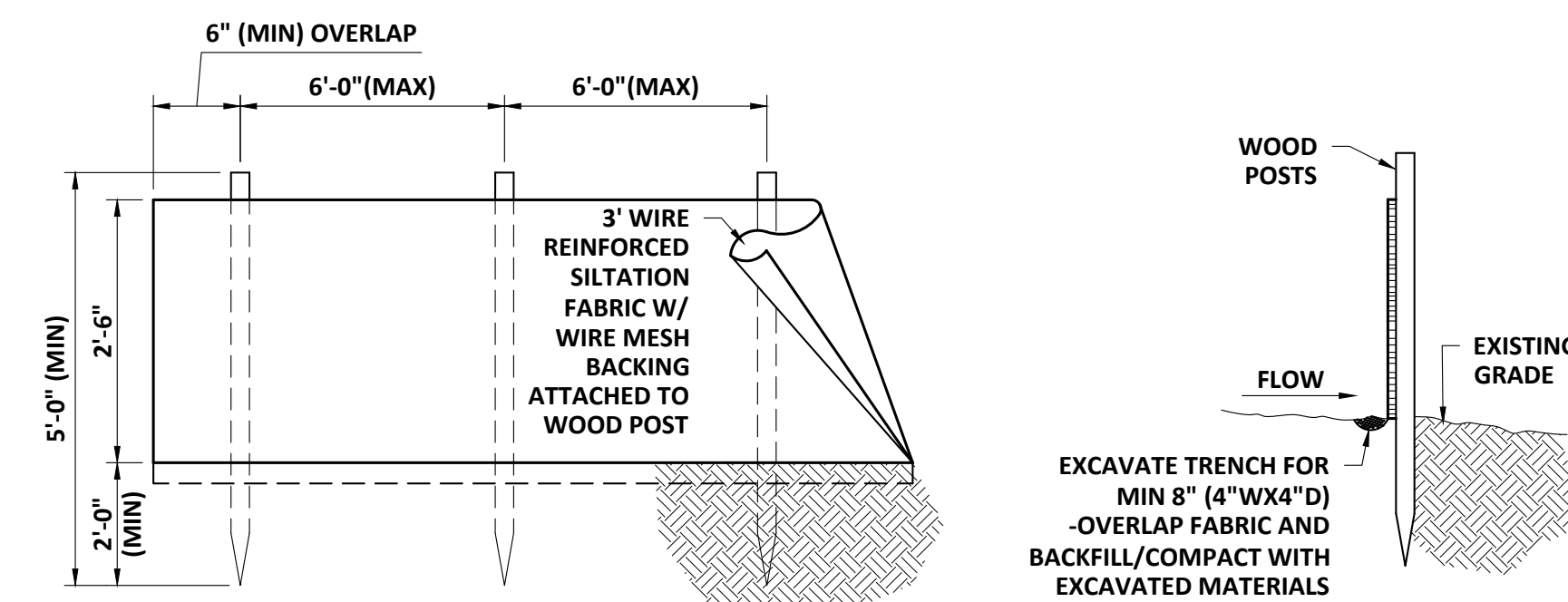


**NOTE:**  
1. EROSION CONTROL AND WATER DIVERSION SHOWN IS SCHEMATIC AND WILL BE DESIGNED BY CONTRACTOR PRIOR TO CONSTRUCTION.

**IMPACT PLAN**  
SCALE: 1"=10'



**FLOATING SEDIMENT TURBIDITY CURTAIN**  
SCALE: NTS  
(SUBSIDIARY TO ITEM 699)



- NOTES:**
- MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHALL BE 100 FEET
  - MAXIMUM SLOPE ABOVE FENCE SHALL BE 2H TO 1V

**SILT FENCE INSTALLATION DETAIL**  
SCALE: NTS  
(SUBSIDIARY TO ITEM 699)

NO	REVISIONS	APPD	DATE

PROJECT NO: 21383  
 DESIGNED: W/NUH  
 CAD COORD: MLAPIERRE  
 CAD: MLAPIERRE  
 CHECKED: W/NUH  
 DATE: JULY 2023  
 APPROVED: J.GALLANT  
 DATE: JUNE 2024  
 SUBMISSION: CONTRACT DRAWINGS



TOWN OF HUDSON, NEW HAMPSHIRE  
 MELENDY ROAD OVER  
 FIRST BROOK (114/083)  
 BRIDGE REPLACEMENT  
 EROSION CONTROL AND WETLAND IMPACT PLAN







GENERAL NOTES

- 1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY AND SHALL COMPLY WITH APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) IN ADDITION TO ALL LOCAL, STATE, AND FEDERAL REGULATIONS THAT APPLY.
2. ALL WORK SHALL BE IN CONFORMANCE WITH CURRENT NHDOT STANDARD SPECIFICATIONS, DETAILS, AND THE TOWN OF HUDSON REQUIREMENTS.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PUBLIC OR PRIVATE, SHOWN OR NOT SHOWN, PRIOR TO CONSTRUCTION.
4. ALL WORK SHALL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY OR ACQUIRED RIGHT-OF-ENTRY LIMITS.
5. THE CONTRACTOR SHALL PROTECT PRIVATE PROPERTY AND SHALL TAKE ALL NECESSARY MEASURES AND PRECAUTIONS TO AVOID DAMAGE TO EXISTING TREES, SHRUBS, LAWNS, PLANTING, ETC.
6. DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS AND STATIONING SHALL PREVAIL.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY THEIR OPERATIONS AT NO EXPENSE TO THE OWNER.
8. ALL MATERIALS NOT EXPLICITLY SPECIFIED WITHIN THE CONTRACT DOCUMENTS SHALL BE FROM THE NHDOT QUALIFIED PRODUCTS LIST.

SURVEY NOTES

- 1. EXISTING TOPOGRAPHICAL INFORMATION SHOWN IS BASED UPON 2-FOOT CONTOURS TAKEN FROM NHDOT'S GRANIT GIS CLEARINGHOUSE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS ARE AS SHOWN AND REPORTING DISCREPANCIES TO THE ENGINEER.
2. ALL DIMENSIONS AND DETAILS SHOWN FOR THE EXISTING STRUCTURE ARE NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND DETAILS NECESSARY FOR COMPLETION OF ALL WORK BY FIELD MEASUREMENTS AND SURVEY.

STRUCTURAL NOTES

- 1. DESIGN LOADING: AASHTO HL-93 LOADING
2. SPECIFICATIONS: AASHTO LRFD 9TH EDITION, 2020 (AS AMENDED)
3. CONCRETE: CAST-IN-PLACE CONCRETE = 3,000 PSI, NHDOT CLASS B
4. REINFORCING STEEL: AASHTO M 31 (ASTM A615) GRADE 60, EPOXY COATED PER ASTM D3963
5. FOUNDATION DATA: ALL CONCRETE SHALL BE PLACED IN THE DRY. PROPOSED CAST-IN-PLACE CONCRETE FOOTINGS SHALL BEAR ON STRUCTURAL FILL AND SUITABLE BEARING MATERIAL.

EXISTING BRIDGE REMOVAL

- 1. ORIGINAL CONSTRUCTION PLANS FROM 1931 ARE PROVIDED WITHIN THE CONTRACT DOCUMENTS. THESE PLANS ARE PROVIDED FOR INFORMATION ONLY AND DO NOT NECESSARILY REPRESENT EXISTING FIELD CONDITIONS.
2. ITEM 502, REMOVAL OF EXISTING BRIDGE STRUCTURE SHALL INCLUDE REMOVAL BY CONTROLLED SAW CUTTING TO THE NEAT LINES SHOWN ON THESE PLANS.
3. EXCAVATION AND BACKFILL NOT INCLUDED IN OTHER PAY ITEMS, BUT REQUIRED FOR REMOVAL OF THE EXISTING STRUCTURE SHALL BE SUBSIDIARY TO ITEM 502.

WATER DIVERSION STRUCTURE AND COFFERDAM NOTES

- 1. ITEM 503.101, WATER DIVERSION STRUCTURE, AND ITEM 503.201, COFFERDAMS, SHALL BE REQUIRED TO CONSTRUCT THE ABUTMENTS AND INSTALL THE PRECAST CONCRETE RIGID FRAME.
2. THE CONTRACTOR SHALL DETERMINE THE REQUIRED LIMITS TO MAINTAIN A DEWATERED AND ADEQUATELY SUPPORTED EXCAVATION DURING CONSTRUCTION.
3. ALL COSTS FOR DESIGN, INSTALLATION, MAINTENANCE, AND REMOVAL OF WATER DIVERSION STRUCTURE AND COFFERDAMS SHALL BE INCLUDED IN ITEMS 503.101 AND 503.201 RESPECTIVELY.
4. IN WATER WORK SHALL BE COMPLETED DURING PERIODS OF LOW FLOW. THE CONTRACTOR SHALL DIVERT BROOK FLOW AROUND WORK AREA TO MINIMIZE SILTATION OF BROOK WATERS.

EROSION CONTROL NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE PREVENTION OF EROSION AND PROTECTION OF THE EXISTING STORMWATER SYSTEM FOR THE DURATION OF CONSTRUCTION.
2. THE EROSION CONTROL PLAN SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3", LATEST EDITION.

PERMITTING NOTES

- 1. THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES HAS ISSUED PERMIT No. 2023-03249 TO THE TOWN OF HUDSON, NEW HAMPSHIRE FOR THE PLACEMENT AND TEMPORARY PLACEMENT OF FILL BELOW THE ORDINARY HIGH WATER MARK FOR FIRST BROOK AND THE ADJACENT WETLAND ALONG ITS BANKS.
2. THE CONTRACTOR IS REQUIRED TO REVIEW AND ABIDE BY THE TERMS OF THE PERMIT.
3. THE CONTRACTOR SHALL NOT PERFORM ANY WORK IN THE PERMITTED AREAS BEFORE THE EROSION CONTROL AND WATER DIVERSION PLANS ARE FULLY IMPLEMENTED AND ACCEPTED BY THE TOWN/ENGINEER.
4. A COPY OF THE PERMIT IS ATTACHED WITHIN THE CONTRACT DOCUMENTS FOR REVIEW.

TRAFFIC CONTROL NOTES

- 1. THE PROJECT IS INTENDED TO BE COMPLETED UNDER ROAD CLOSURE AND DETOUR. AT THE CONTRACTOR'S OPTION, THE FOLLOWING DETOUR ROUTES ARE PROVIDED:
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A DETOUR PLAN DESIGNED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION (MUTCD) BY A NH LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND ACCEPTANCE BY THE TOWN AND ENGINEER.
3. ACCESS TO ABUTTERS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE ALL STREET CLOSINGS AND/OR DETOURS WITH THE TOWN OF HUDSON POLICE (603.886.6011), FIRE (603.886.6021) DEPARTMENTS, AND ABUTTERS A MINIMUM OF 48 HOURS IN ADVANCE.
4. EXISTING SIGNS IMPACTED/DAMAGED BY THIS PROJECT AND NOT SCHEDULED FOR REPLACEMENT SHALL BE REPLACED IN ACCORDANCE WITH MUTCD AT THE CONTRACTOR'S EXPENSE.
5. PAVEMENT MARKINGS DAMAGED DURING CONSTRUCTION OR OBTSCURED AS PART OF THE TRAFFIC CONTROL PLAN WILL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER IN ACCORDANCE WITH MUTCD.

PRECAST CONCRETE RIGID FRAME

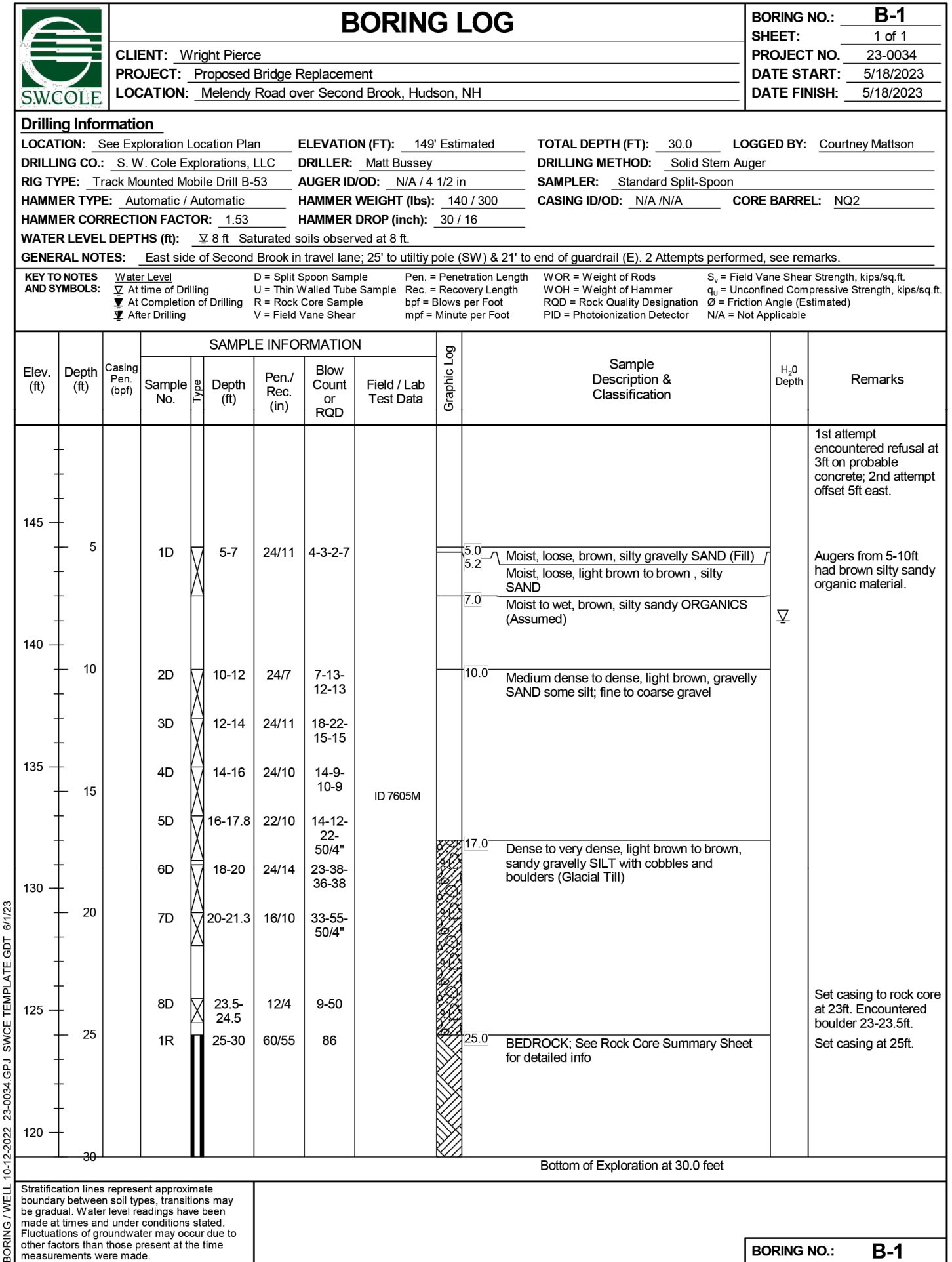
- 1. ITEM 520.0032, PRECAST CONCRETE RIGID FRAME, SHALL CONSIST OF THE PRECAST CONCRETE RIGID FRAME SECTIONS AS DESCRIBED WITHIN THESE PLANS.
2. THE DESIGN SHALL BE BASED ON AASHTO AND NHDOT STANDARDS USING LOAD FACTOR RESISTANCE DESIGN METHOD.
3. THE PRECAST CONCRETE RIGID FRAME ROOF, INCLUDING CONNECTIONS INTO THE SIDEWALK AND SAFETY CURB, SHALL BE DESIGNED TO RESIST VEHICULAR IMPACT LOADS FOR BRIDGE RAILING TEST LEVEL TWO (TL-2) AS DEFINED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
4. SHOP DRAWINGS FOR PRECAST CONCRETE RIGID FRAME SECTIONS, INCLUDING ALL APPURTENANCES AND ATTACHMENT DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR ACCEPTANCE IN ACCORDANCE WITH SECTION 105.02 OF THE NHDOT STANDARD SPECIFICATIONS.
5. SHOP DRAWINGS FOR PRECAST CONCRETE RIGID FRAME SECTIONS SHALL INCLUDE A PLAN FOR SHIMMING AND LEVELING THE FRAME SECTIONS PRIOR TO PLACEMENT OF AN APPROVED NON-SHRINK GROUT IN THE FOOTING KEYWAYS.
6. THE QUALITY OF MATERIALS, THE PROCESS OF MANUFACTURE, AND THE FINISHED FRAME SECTIONS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
7. JOINTS BETWEEN PRECAST UNITS SHALL BE OF WATERTIGHT DESIGN.
8. EXTERIOR REINFORCEMENT IN THE PRECAST CONCRETE RIGID FRAME UNITS (SOIL AND TOP SIDE) SHALL HAVE A 2" MINIMUM CLEAR COVER.
9. ALL EDGES OF PRECAST CONCRETE SHALL BE CHAMFERED 3/4", UNLESS OTHERWISE NOTED.
10. REINFORCEMENT WITHIN THE PRECAST CONCRETE RIGID FRAME SHALL BE EPOXY COATED PER SECTION 544 OF THE NHDOT STANDARD SPECIFICATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROPER FIT-UP OF THE PRECAST AND CAST-IN-PLACE ELEMENTS, PER FABRICATOR'S RECOMMENDATIONS, AND TO THE SATISFACTION OF THE ENGINEER.
12. ITEM 538.2, BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F) SHALL BE APPLIED IN A 2'-0" WIDE STRIP CENTERED AT EACH JOINT BETWEEN ABUTTING PRECAST UNITS.
13. ITEM 534.3, WATER REPELLENT (SILANE-SILOXANE) SHALL BE APPLIED TO ALL EXPOSED SURFACES OF THE PRECAST CONCRETE RIGID FRAME.
14. ITEM 585.21, STONE FILL CLASS B (BRIDGE) SHALL BE PLACED WITH CARE TO ENSURE THE STRUCTURE AND ABUTMENTS ARE NOT DAMAGED.

SEWER NOTES

- 1. THE SEWER SYSTEM SHALL BE REMOVED AND REPLACED PER THE SPECIAL PROVISIONS TO THE LIMITS SHOWN ON THE PLANS. THE SEWER REPLACEMENT WILL BE PAID FOR UNDER ITEM 612.615081.
2. A SEWER BYPASS SYSTEM SHALL BE IMPLEMENTED TO KEEP THE SEWER IN SERVICE THROUGHOUT THE DURATION OF CONSTRUCTION. THE SEWER BYPASS SYSTEM WILL BE PAID FOR UNDER ITEM 612.1131.

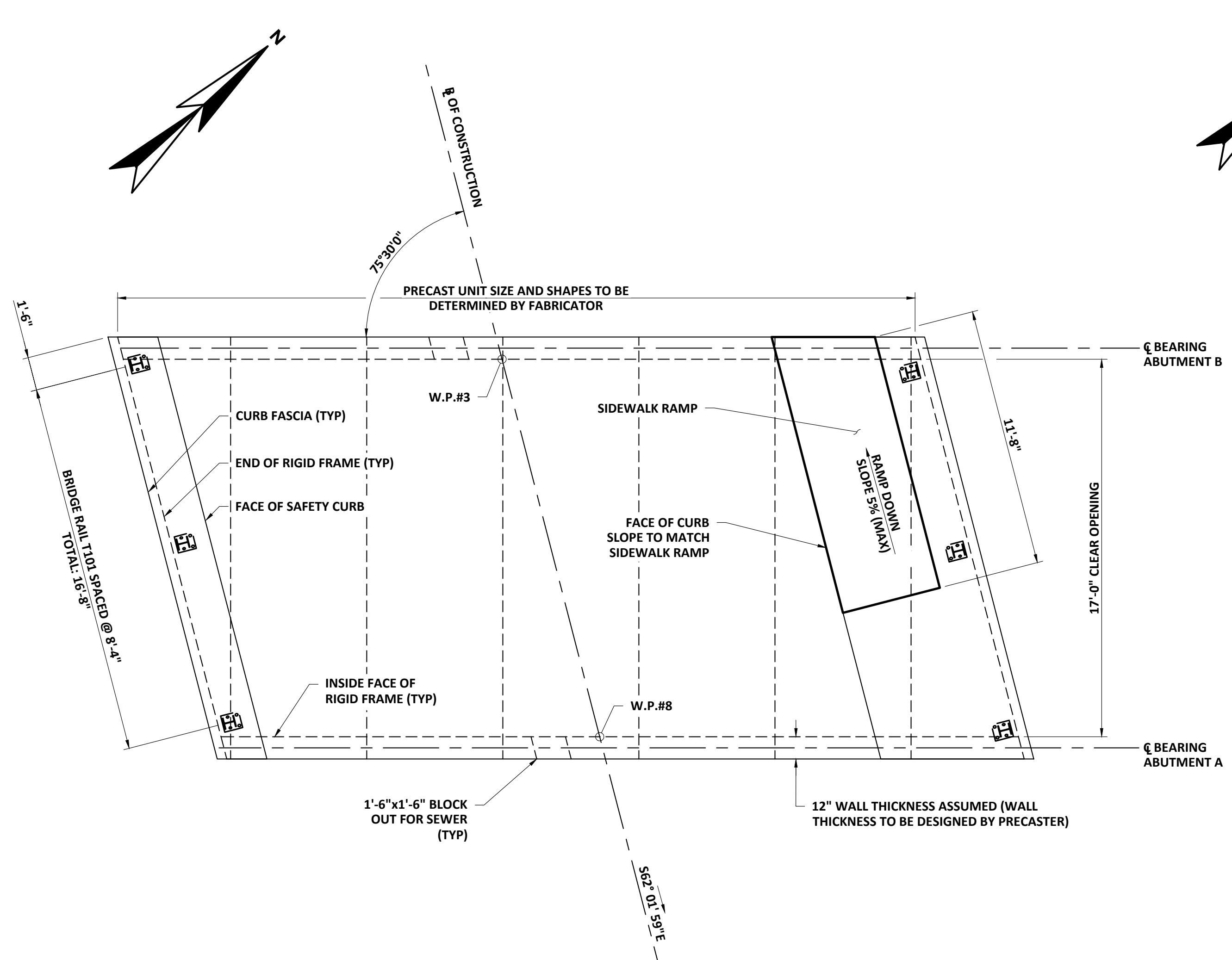
BORING NOTES

- 1. BORING INDICATED THUS [Symbol] WERE MADE BY S.W. COLE ENGINEERING INC. BLOW COUNTS SHOWN ARE THE NUMBER OF BLOWS REQUIRED TO DRIVE A 2" O.D. STANDARD SPLIT SPOON SAMPLER 6", USING A 140 LB WEIGHT FALLING 30". ROCK CORES WERE MADE USING A 2" I.D. CORE BARREL.
2. BORING IS FOR DESIGN PURPOSES, SHOWING CONDITIONS AT THE BORING POINT ONLY, AND DO NOT NECESSARILY INDICATE MATERIAL TO BE ENCOUNTERED DURING CONSTRUCTION.
3. WATER LEVELS INDICATED THUS [Symbol] WERE MEASURED AT THE TIME OF EXPLORATION. THE WATER LEVELS ENCOUNTERED DURING CONSTRUCTION MAY VARY CONSIDERABLE DUE TO PREVAILING CLIMATE, RAINFALL, OR OTHER FACTORS.
4. THE GEOTECHNICAL REPORT HAS BEEN PROVIDED WITHIN THE CONTRACT DOCUMENTS FOR REVIEW.

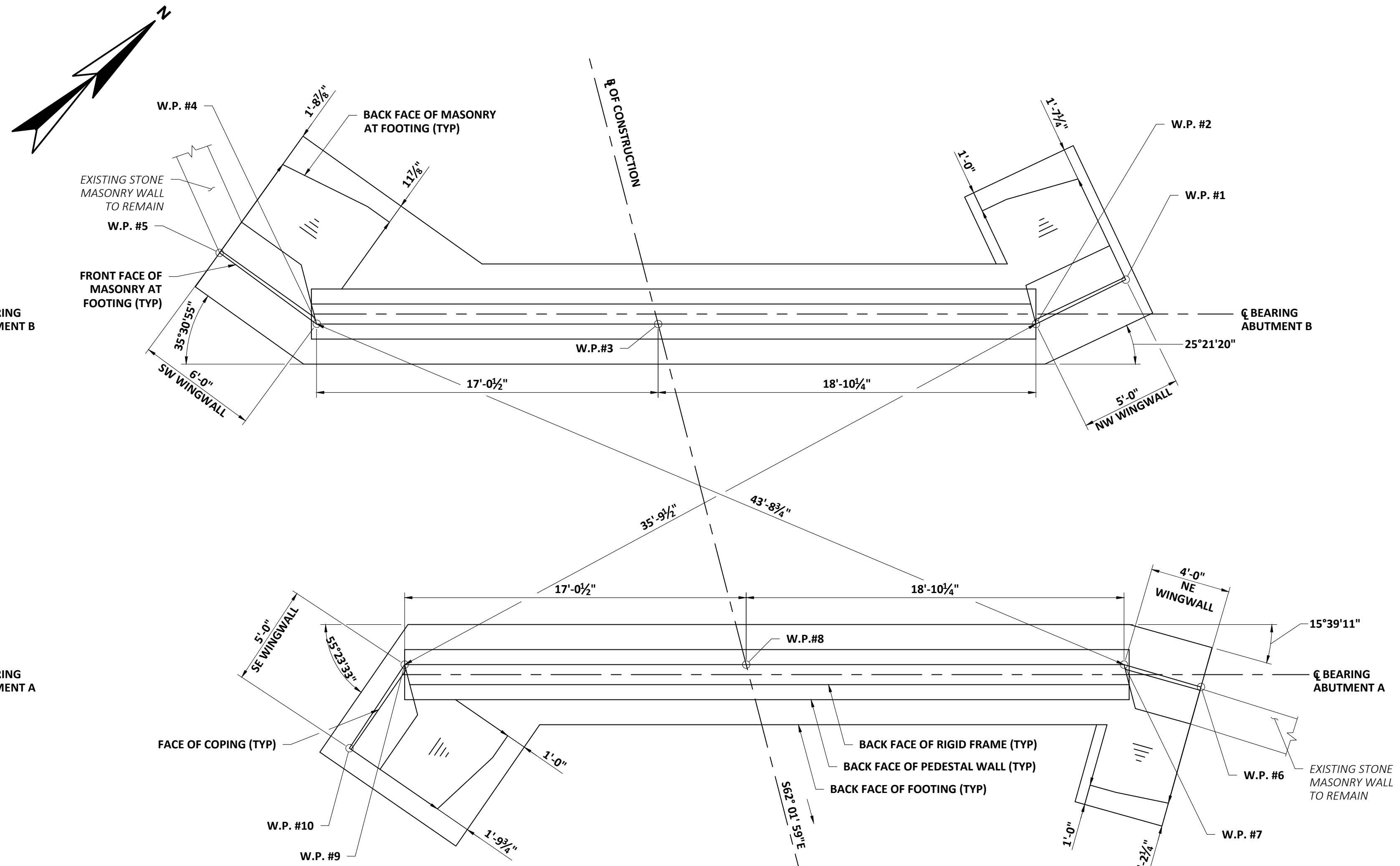


Project information and drawing title block including: PROJECT NO. 21383, DESIGNED BY: W.NUJIN, CAD COORD: M.LAPIERRE, CHECKED: W.NUJIN, DATE: JULY 2023, APPROVED: J.GALLANT, DATE: JUNE 2024, SUBMISSION: CONTRACT DRAWINGS, TOWN OF HUDSON, NEW HAMPSHIRE, MELENDY ROAD OVER FIRST BROOK (114/083) BRIDGE REPLACEMENT, GENERAL NOTES AND BORING LOG, DRAWING C-3.





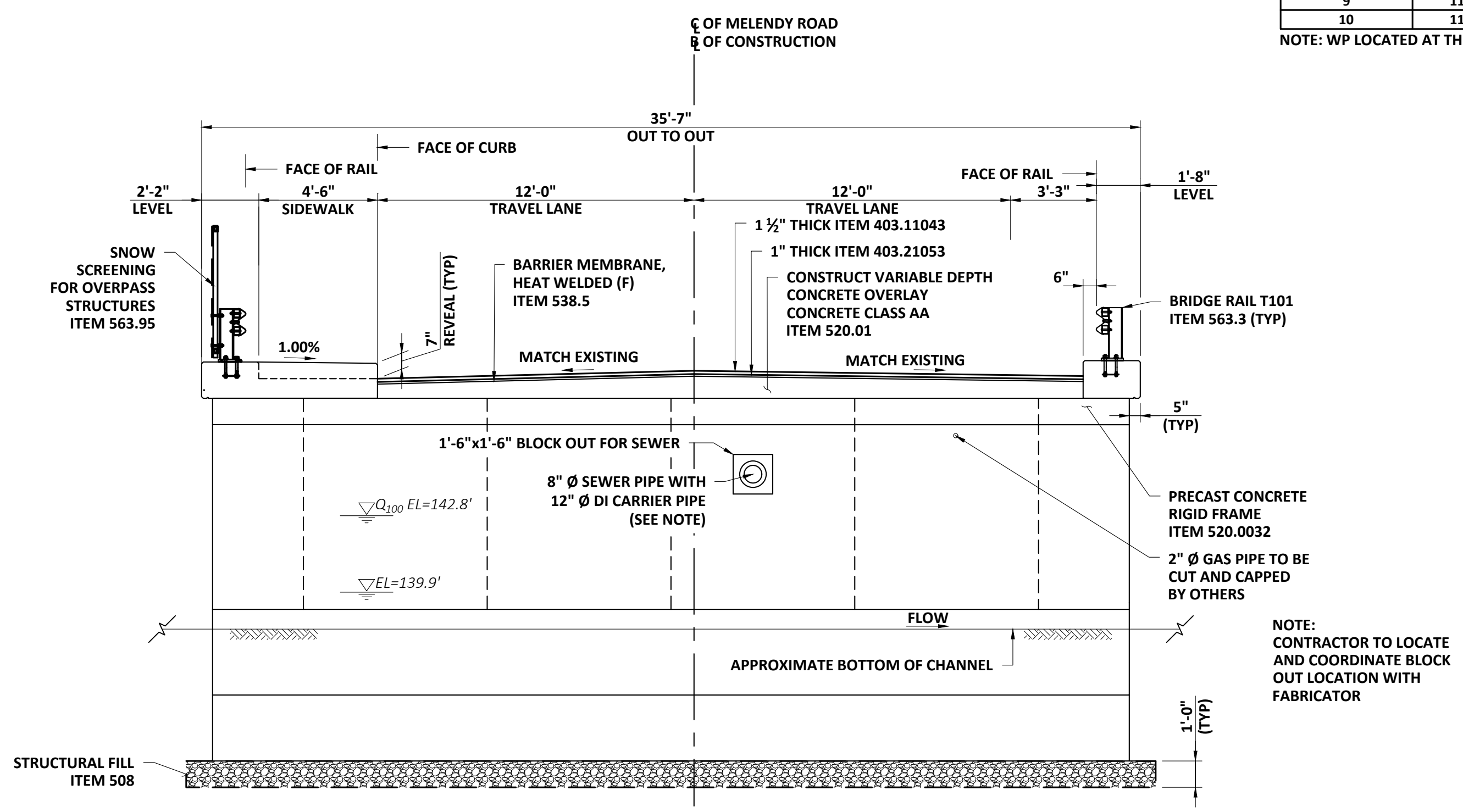
**FRAMING PLAN**  
SCALE: 1/4"=1'-0"



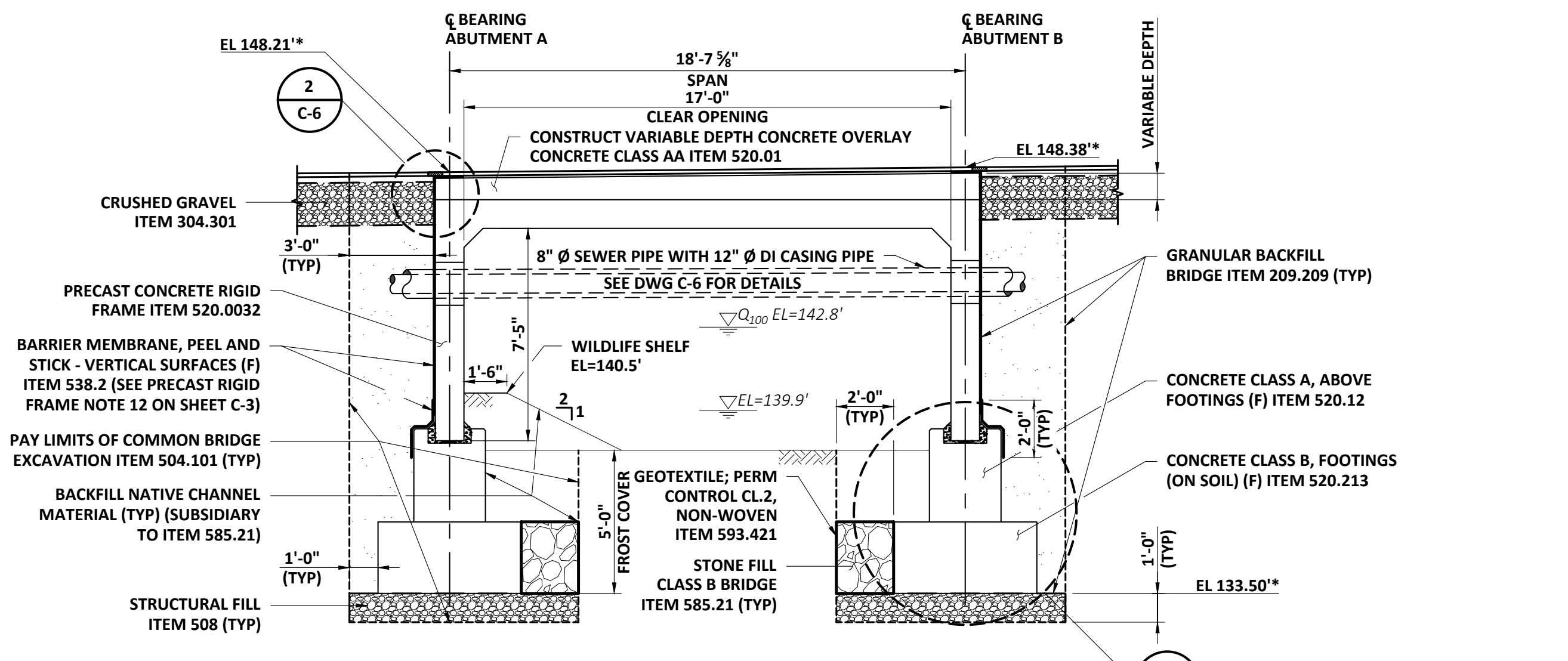
**FOOTING PLAN**  
SCALE: 1/4"=1'-0"

CONSTRUCTION WORKING POINTS				
W.P. #	STATION	OFFSET	NORTHING	EASTING
1	11+03.62	23.145 L	95235.3494	1047962.0404
2	11+04.64	18.250 L	95230.5155	1047960.7487
3	10+99.92	0.000	95216.6101	1047948.0216
4	10+95.66	16.500 R	95204.0381	1047936.5149
5	10+91.01	20.291 R	95202.8708	1047930.6290
6	11+24.25	21.688 L	95224.2875	1047979.7199
7	11+22.20	18.250 L	95222.2809	1047976.2574
8	11+17.48	0.000	95208.3755	1047963.5303
9	11+13.22	16.500 R	95195.8035	1047952.0236
10	11+16.57	20.211 R	95190.9535	1047953.2437

NOTE: WP LOCATED AT THE BASE OF WALL.



**RIGID FRAME TRANSVERSE SECTION**  
SCALE: 1/4"=1'-0"



**LONGITUDINAL SECTION**  
SCALE: 1/4"=1'-0"

\*NOTE: DIMENSIONS TO BE VERIFIED BASED ON ACTUAL FIELD CONDITIONS.

NO	REVISIONS	APPD	DATE

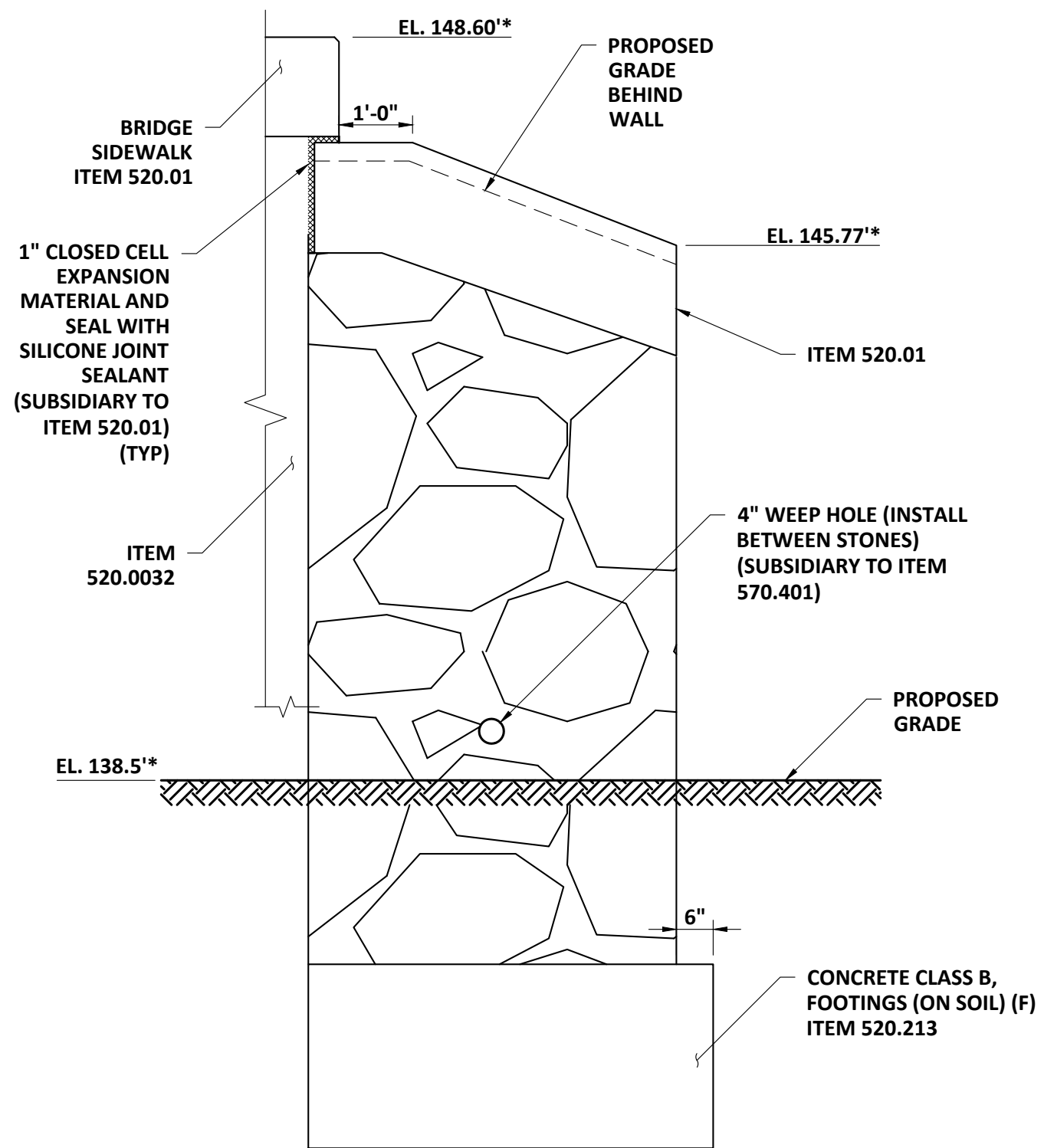
PROJECT NO: 21383  
DESIGNED: W/NUH  
CAD COORD: M/LAPIERRE  
CAD: M/LAPIERRE  
CHECKED: W/NUH  
DATE: JULY 2023  
APPROVED: J.GALLANT  
DATE: JUNE 2024  
SUBMISSION: CONTRACT DRAWINGS

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230 COMMERCE WAY, SUITE 302, PORTSMOUTH, NH 03801

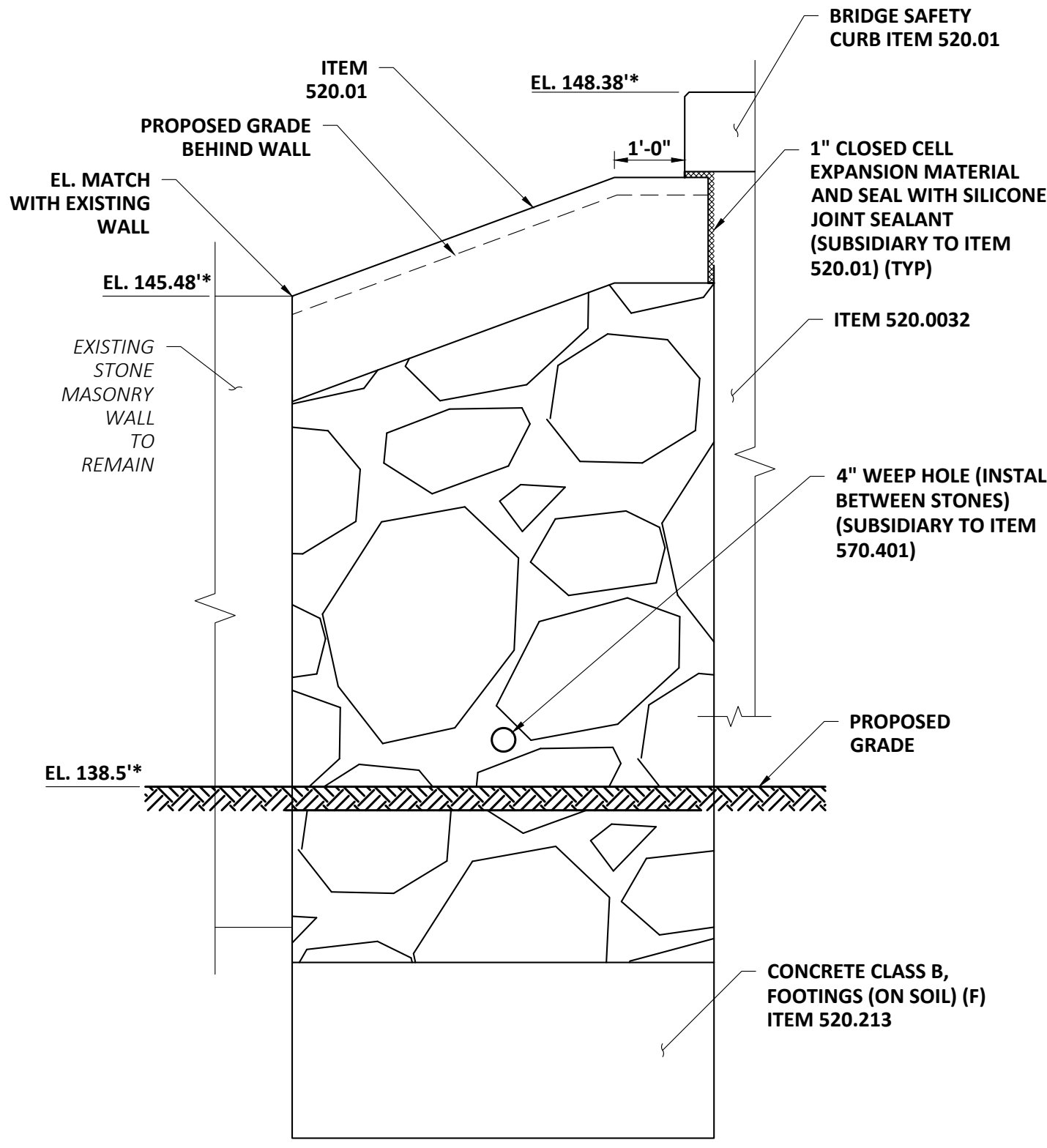
TOWN OF HUDSON, NEW HAMPSHIRE  
MELENDY ROAD OVER  
FIRST BROOK (114/083)  
BRIDGE REPLACEMENT

BRIDGE PLAN AND SECTIONS

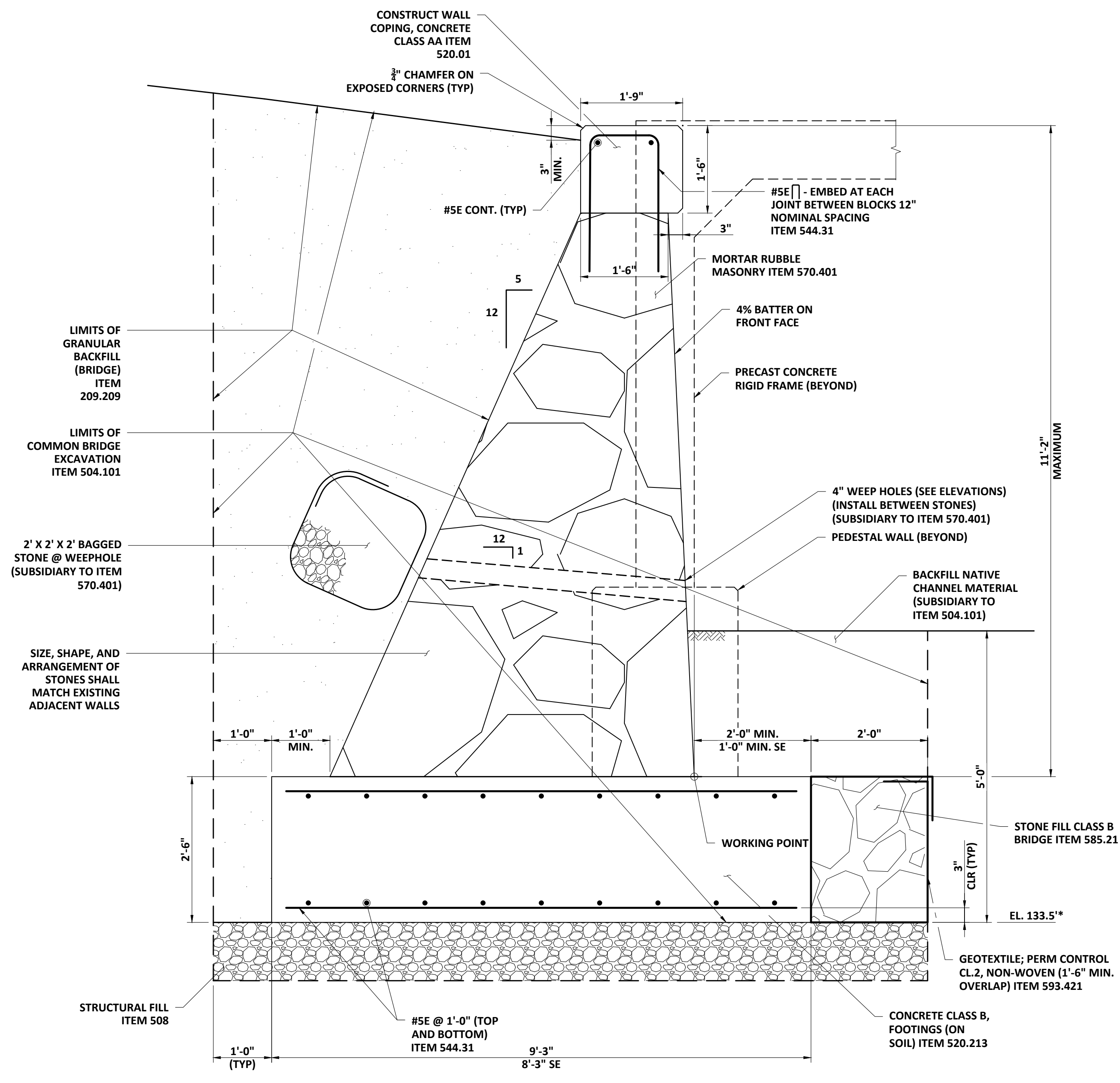
DRAWING  
C-4



**NORTHWEST WINGWALL ELEVATION**  
SCALE: 1/2"=1'-0"

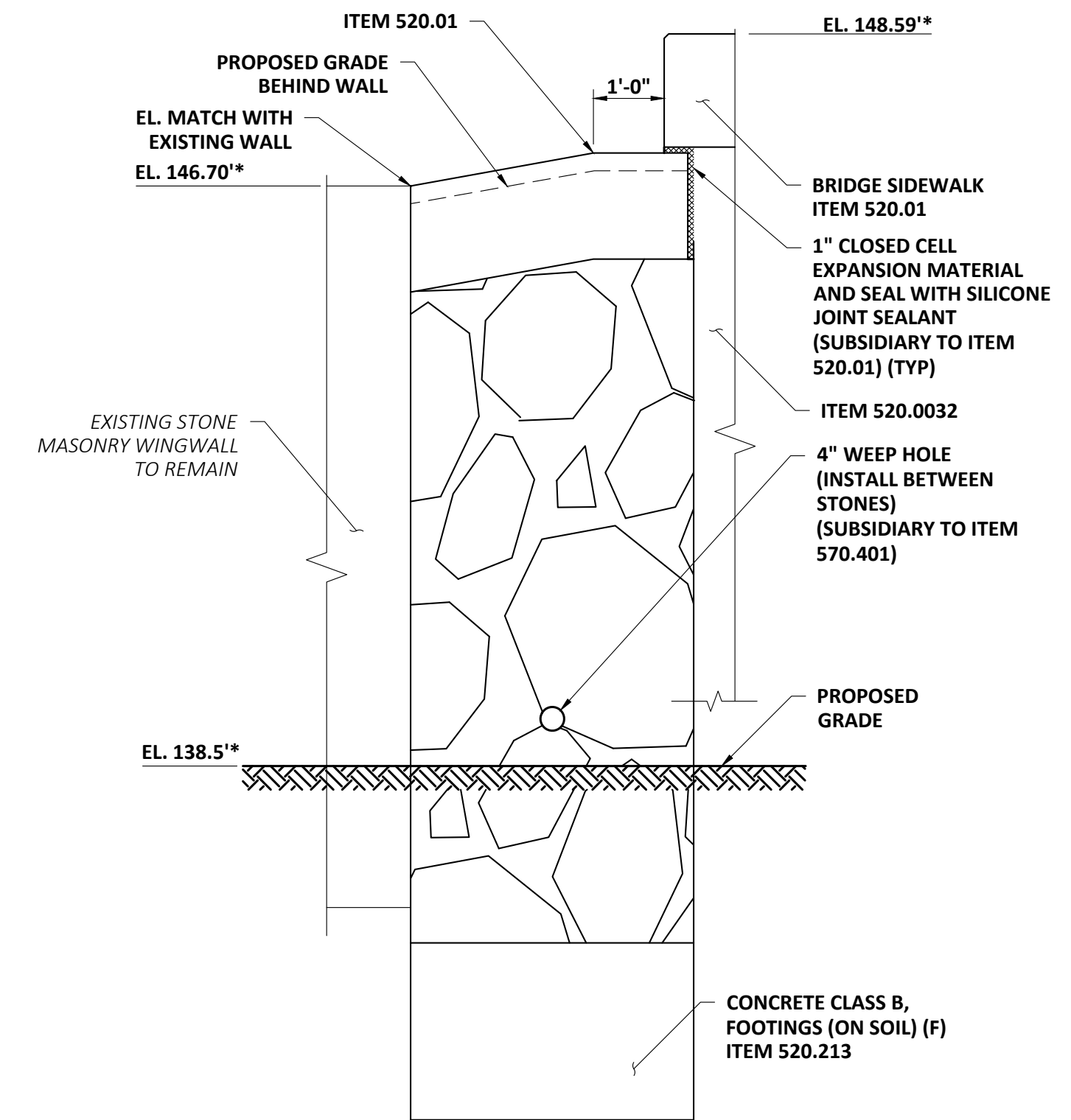


**SOUTHWEST WINGWALL ELEVATION**  
SCALE: 1/2"=1'-0"

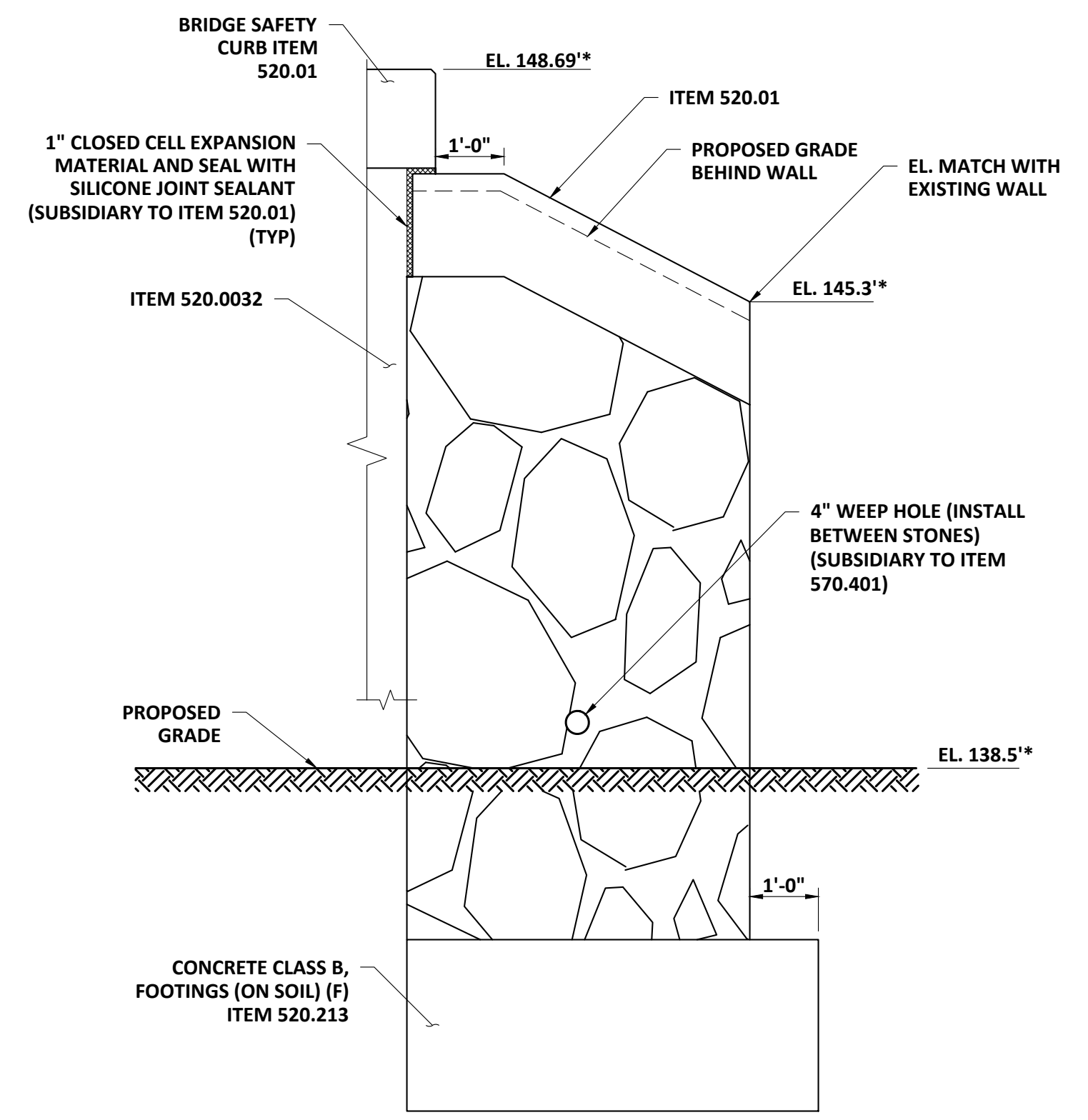


**TYPICAL SECTION - MORTAR RUBBLE MASONRY - ITEM 570.4**  
SCALE: 3/4"=1'-0"

\*NOTE:  
ELEVATIONS TO BE VERIFIED BASED ON ACTUAL FIELD CONDITIONS.



**NORTHEAST WINGWALL ELEVATION**  
SCALE: 1/2"=1'-0"



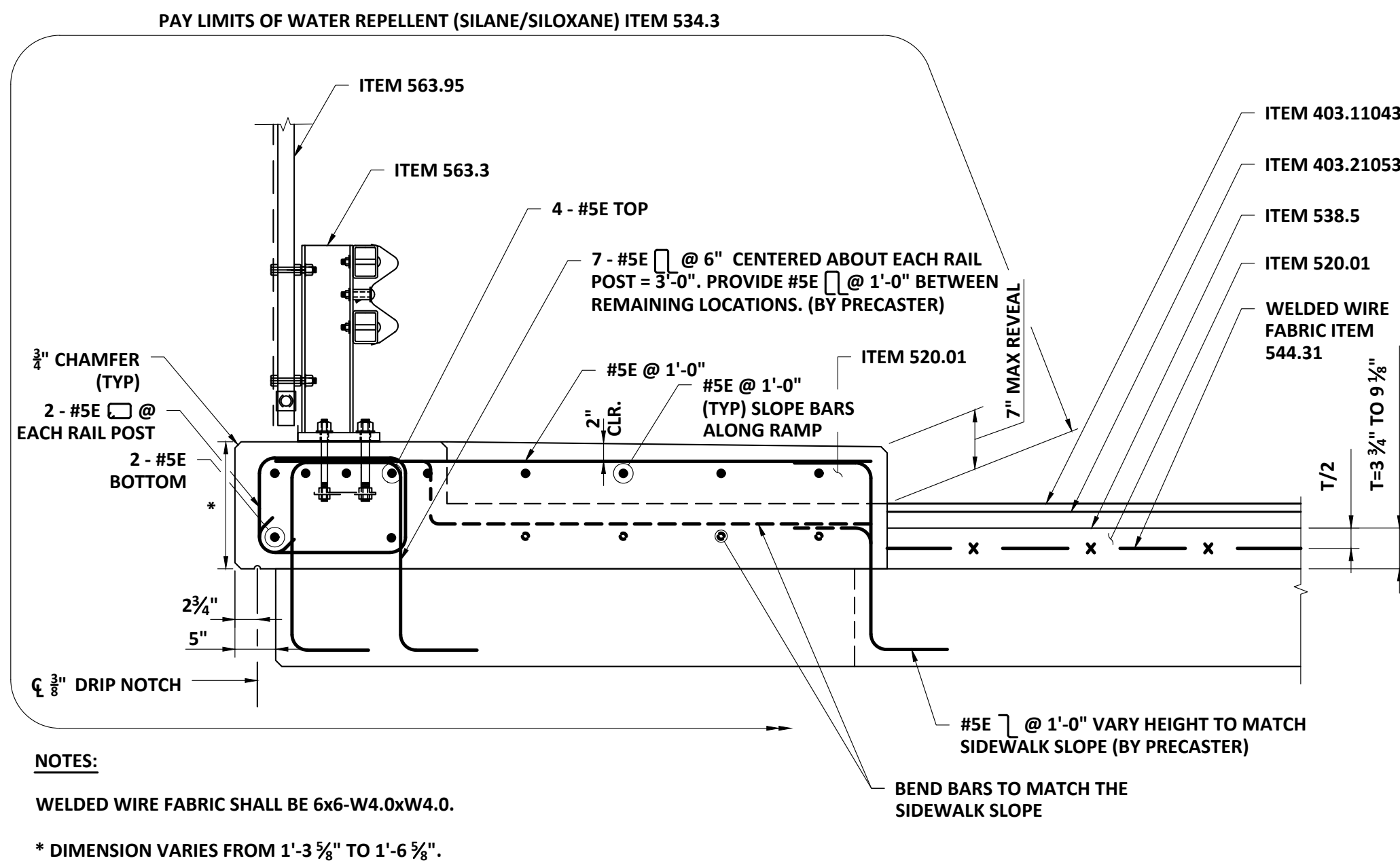
**SOUTHEAST WINGWALL ELEVATION**  
SCALE: 1/2"=1'-0"

NO	REVISIONS	APPD	DATE

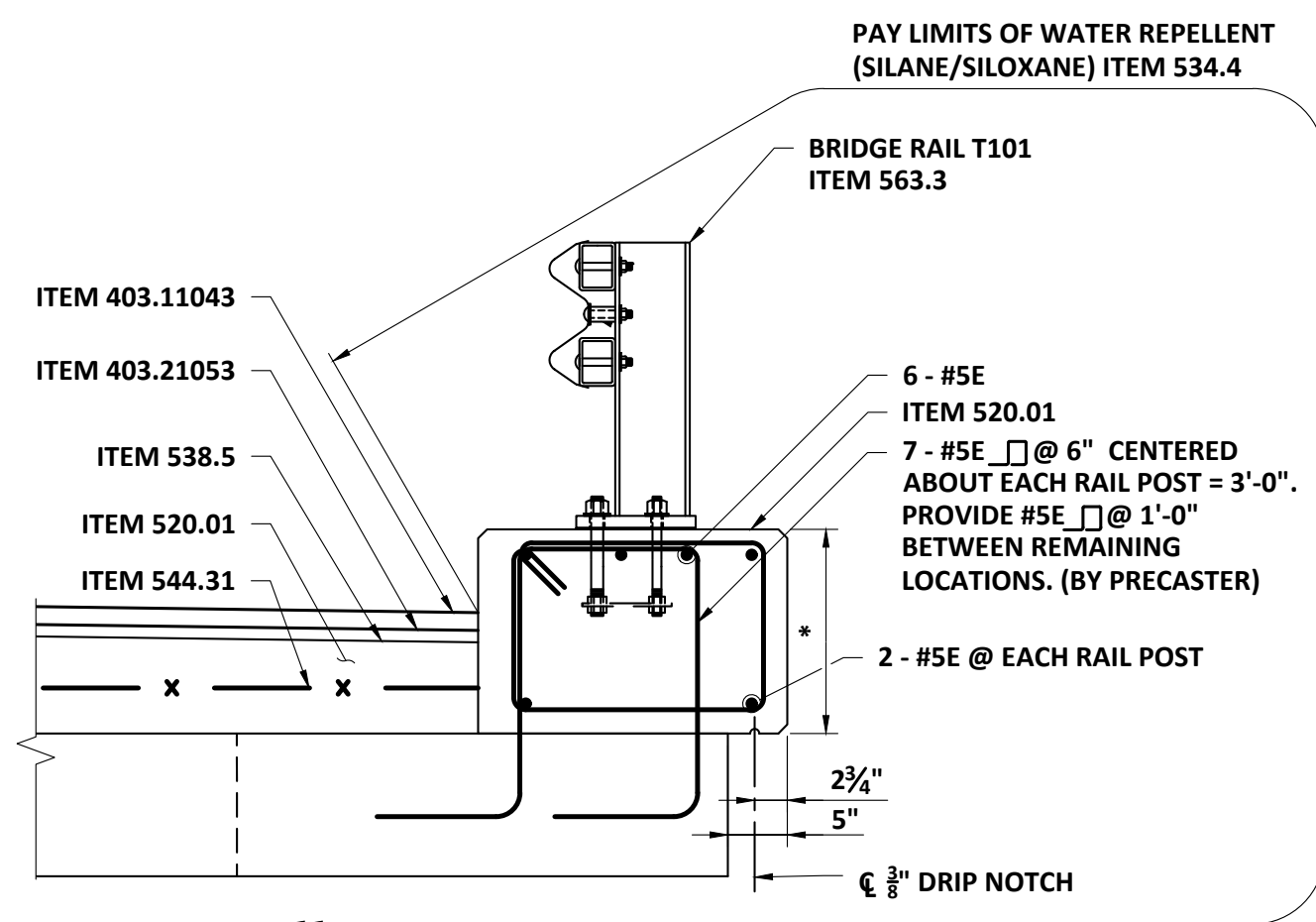
PROJECT NO: 21383  
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 CAD COORD: M/LAPIERRE  
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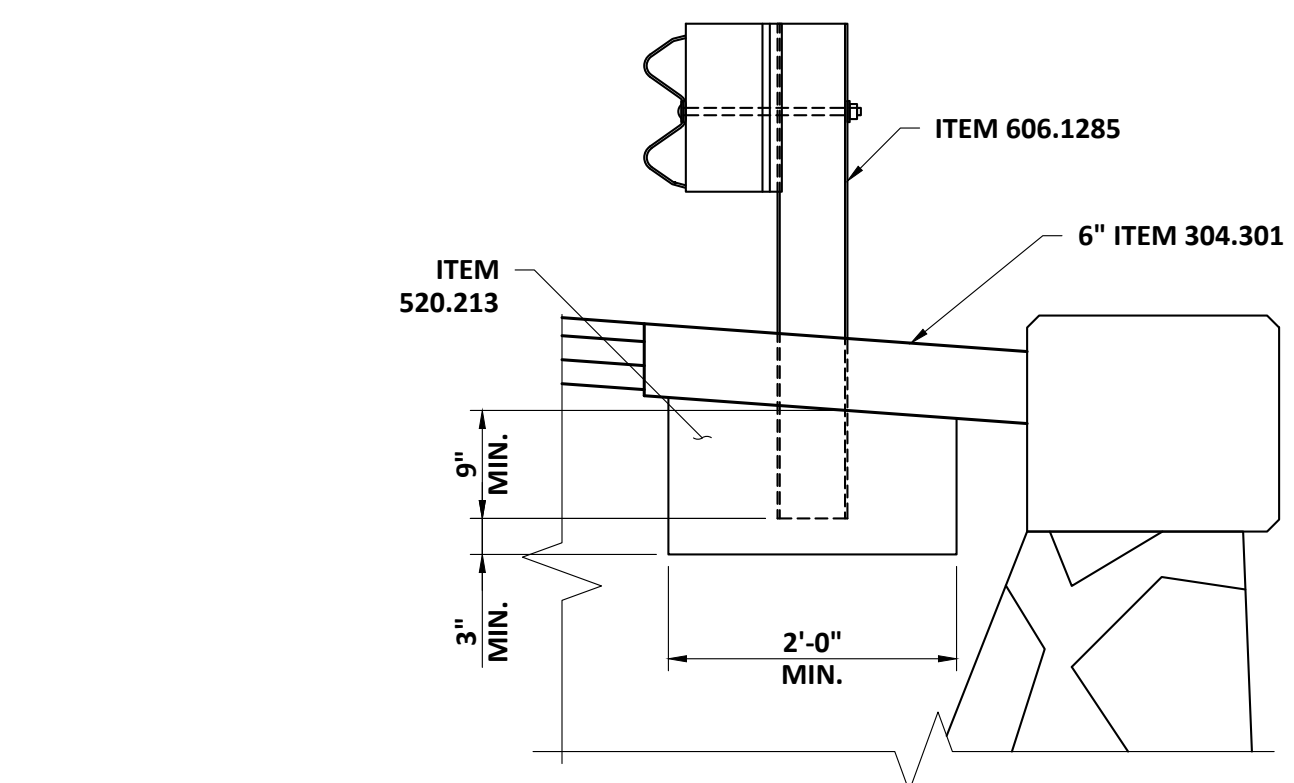
TOWN OF HUDSON, NEW HAMPSHIRE  
 MELENDY ROAD OVER  
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 BRIDGE REPLACEMENT  
 WINGWALL ELEVATIONS AND SECTION



**BRIDGE SIDEWALK SECTION**  
SCALE: 3/4" = 1'-0"

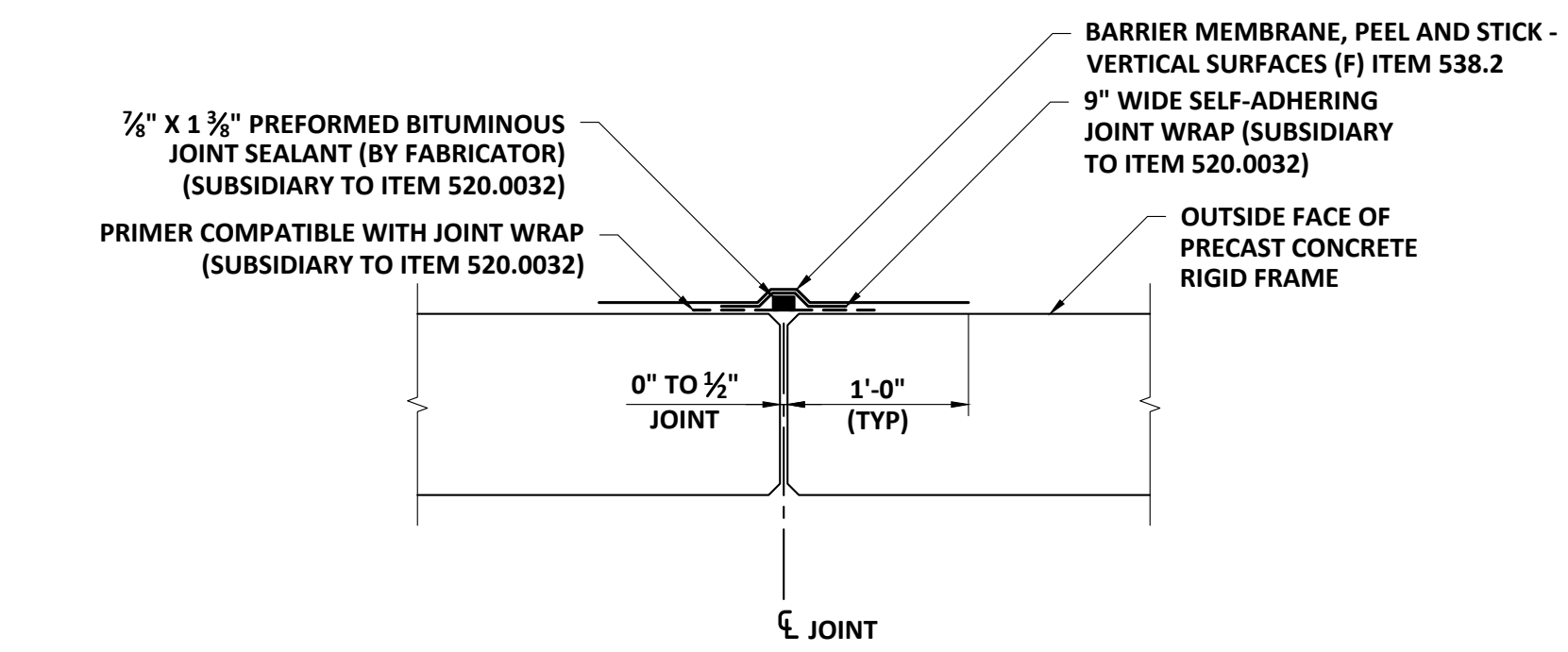


**SAFETY CURB SECTION**  
SCALE: 3/4" = 1'-0"

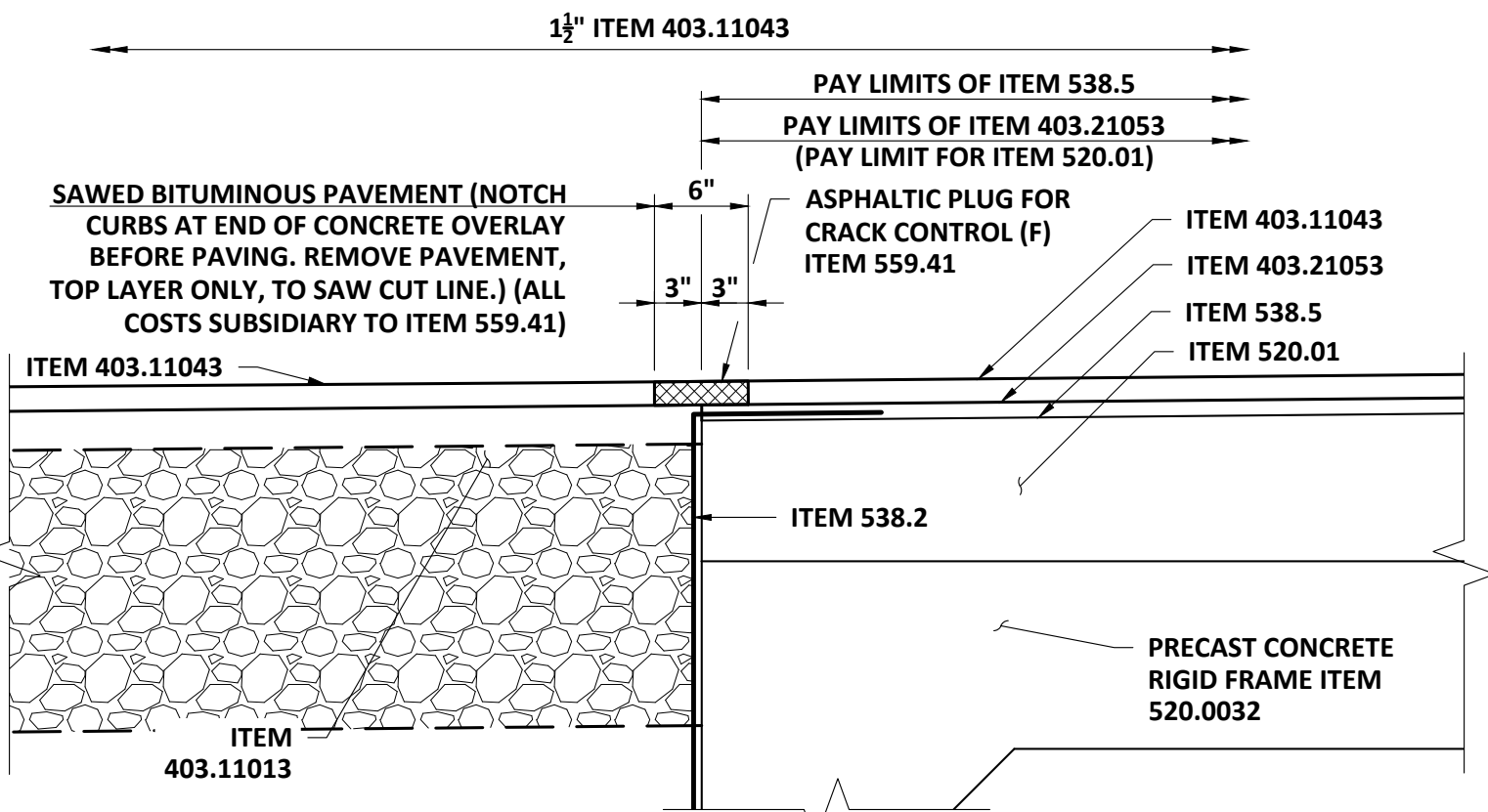


**GUARDRAIL TREATMENT SECTION OVER MASONRY WALLS**  
SCALE: 3/4" = 1'-0"

- NOTES:
1. GUARDRAIL POSTS INTERFERING WITH MASONRY WALLS SHALL BE CUT TO LENGTH IN THE FIELD AND CAST INTO A CONCRETE BASE AS SHOWN. THE CONCRETE MAY BE PLACED DIRECTLY INTO A TRENCH EXCAVATED IN THE SUBBASE MATERIAL. THE CONCRETE MIX SHALL BE CONCRETE CLASS B. PAYMENT WILL BE CONSIDERED SUBSIDIARY TO THE GUARDRAIL ITEMS.
  2. ONLY GALVANIZED STEEL POSTS ARE TO BE USED FOR THIS APPLICATION.
  3. CONCRETE ENCASEMENT SHALL EXTEND A MINIMUM OF 1'-6" FROM LAST POST TO BE ENCASED. A MAXIMUM OF THREE APPROACH POSTS TO BE ENCASED AS REQUIRED.



**DETAIL 1**  
SCALE: 1" = 1'-0"  
C-4

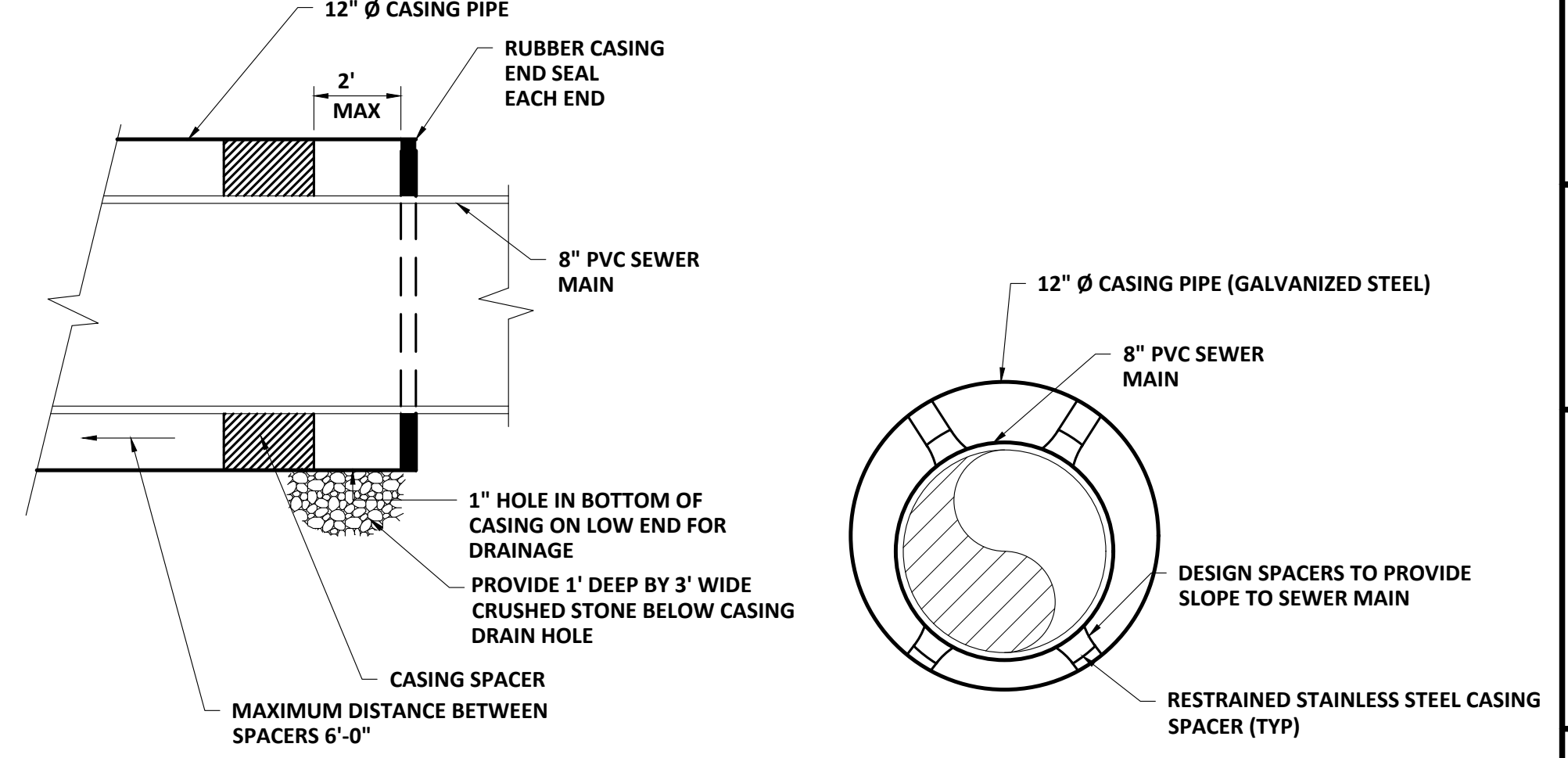
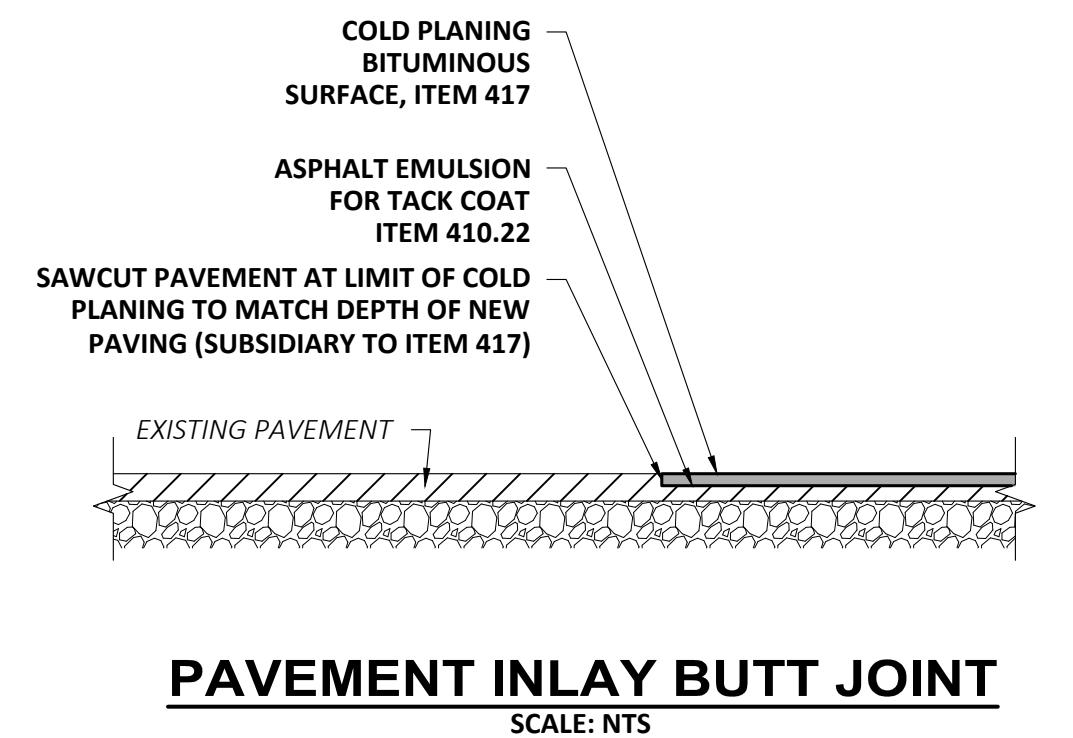
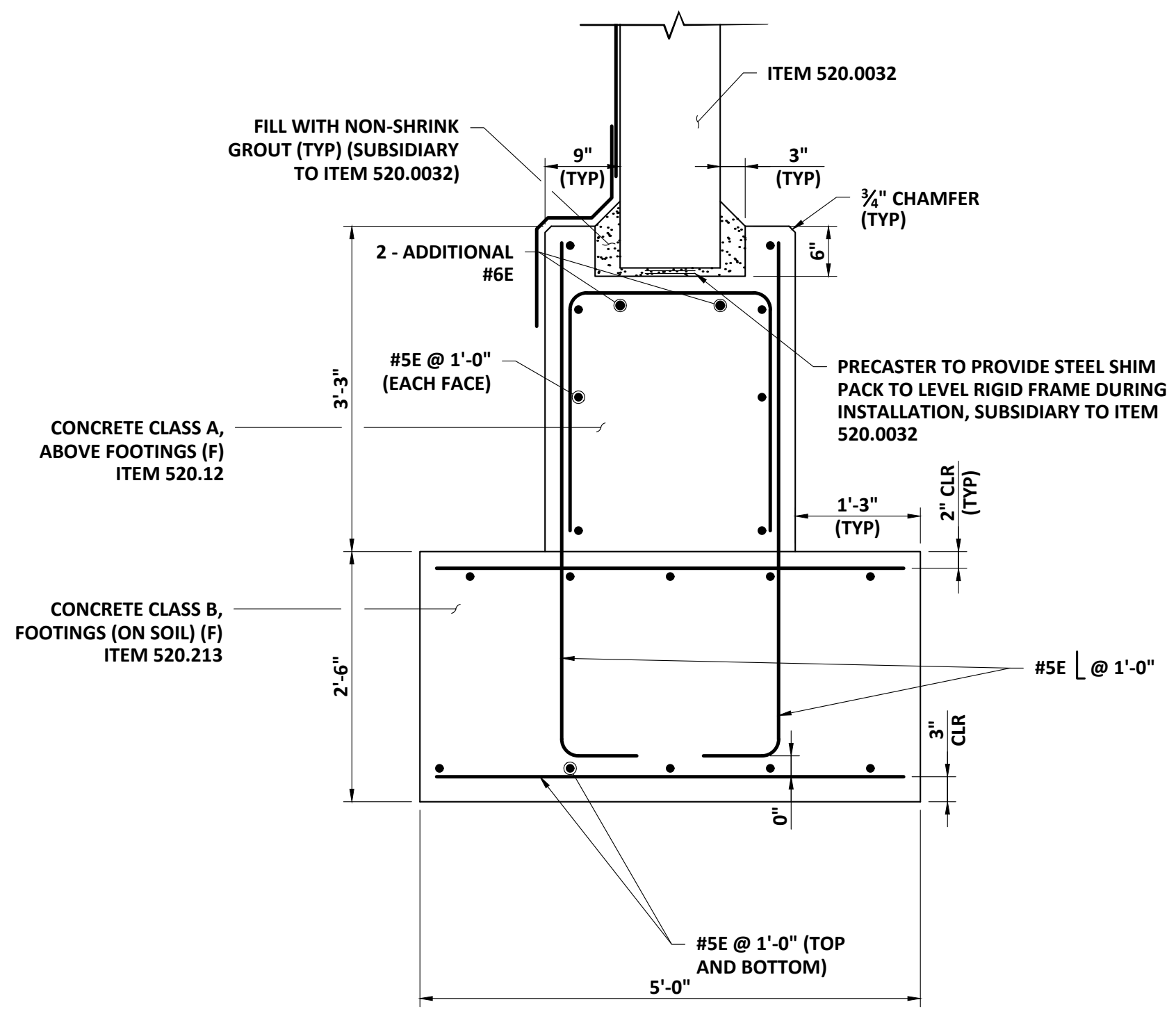


**DETAIL 2**  
SCALE: 1" = 1'-0"  
C-4

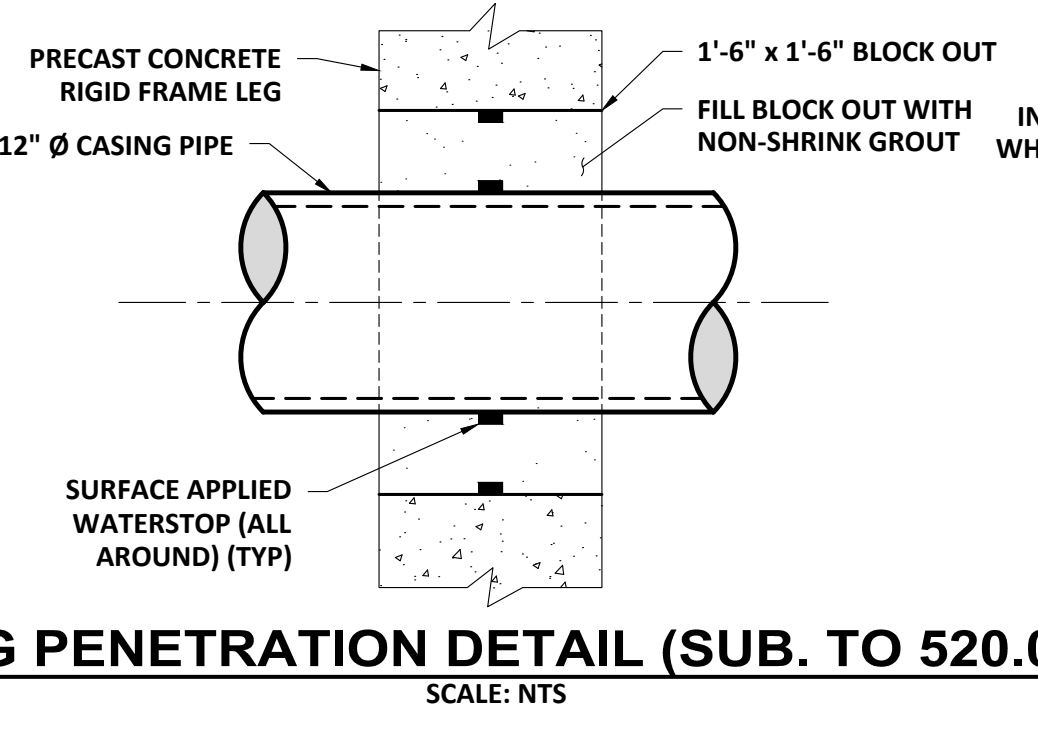
NOTE: HEAT-WELDED BARRIER MEMBRANE (ITEM 538.5) SHALL BE APPLIED BEFORE PEEL AND STICK BARRIER MEMBRANE (ITEM 538.2).

FOOTING DESIGNED FOR THE FOLLOWING REACTIONS:  
VERTICAL = 8.72 KIP/FT  
HORIZONTAL = -0.95 KIP/FT

**DETAIL 3**  
SCALE: 3/4" = 1'-0"  
C-4

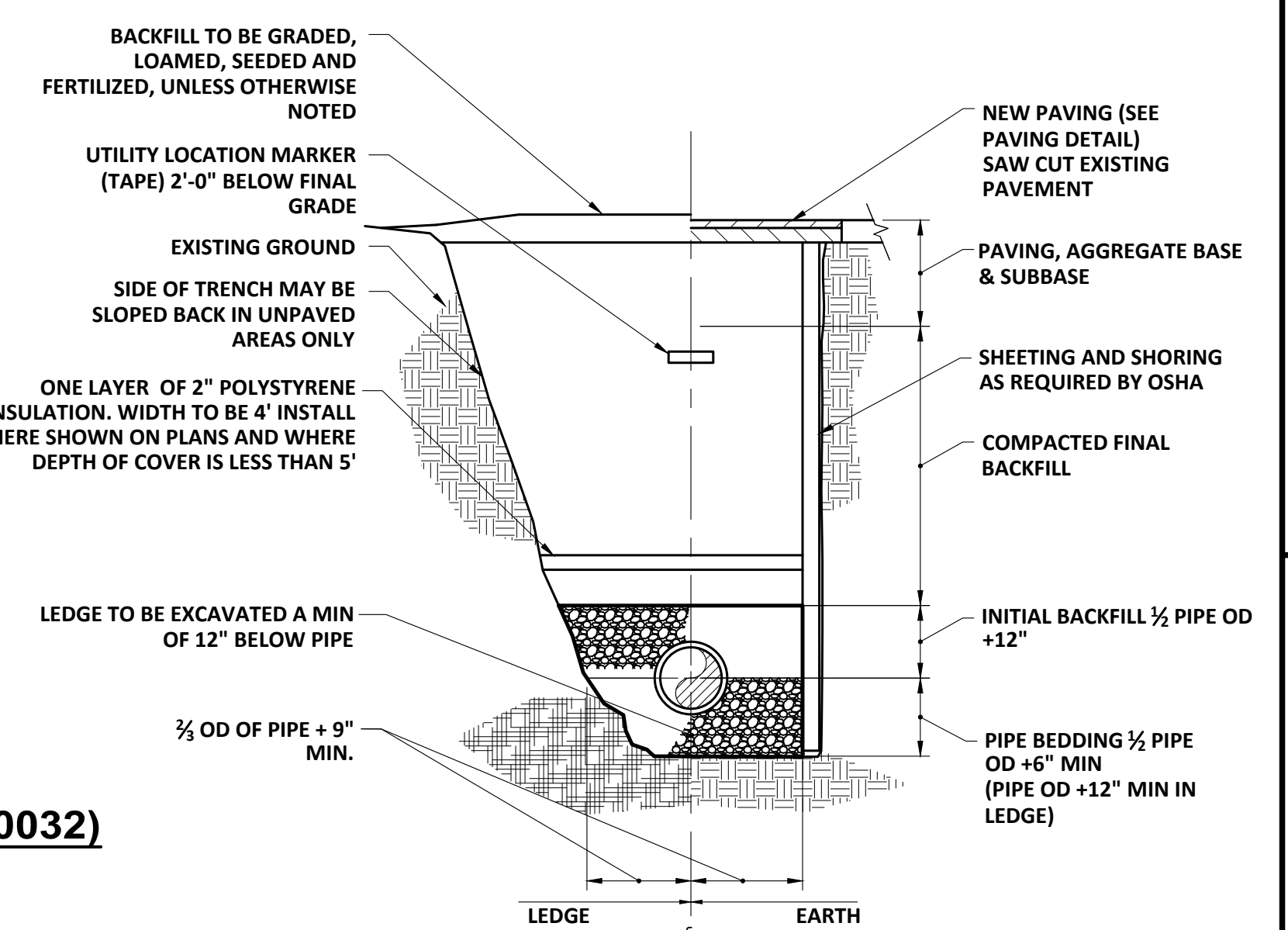


**TYPICAL CASING PIPE/SEWER MAIN DETAIL (SUB. TO 612.615081)**  
SCALE: NTS



**PIPING PENETRATION DETAIL (SUB. TO 520.0032)**  
SCALE: NTS

- PIPING PENETRATION NOTES:
1. CONTRACTOR TO COORDINATE LOCATION OF BLOCK OUT WITH PRECASTER.
  2. SURFACE APPLIED WATERSTOP SHALL BE HYDROTITE CJ-1020-2K BY SIKA GREENSTREAK, SWELSEAL JOINT BY NEEF CONSTRUCTION CHEMICALS, INC., CONSEAL CS-231 BY CONCRETE SEALANTS, INC. OR APPROVED EQUAL.



**PIPE TRENCH (SUB. TO APPLICABLE WATER AND SEWER ITEMS)**  
SCALE: NTS

- NOTES:
1. ALL EXCAVATION MUST MEET OSHA STANDARDS.
  2. SEE SPECIAL PROVISION 612 TOWN OF HUDSON FOR BEDDING AND BACKFILL REQUIREMENTS.

NO	REVISIONS	DATE

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DESIGNED: W/NUH  
CAD COORD: M/LAPIERRE  
CAD: M/LAPIERRE  
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DATE: JULY 2023  
APPROVED: J.GALANT  
DATE: JUNE 2024  
SUBMISSION: CONTRACT DRAWINGS

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TOWN OF HUDSON, NEW HAMPSHIRE  
MELENDY ROAD OVER  
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BRIDGE REPLACEMENT