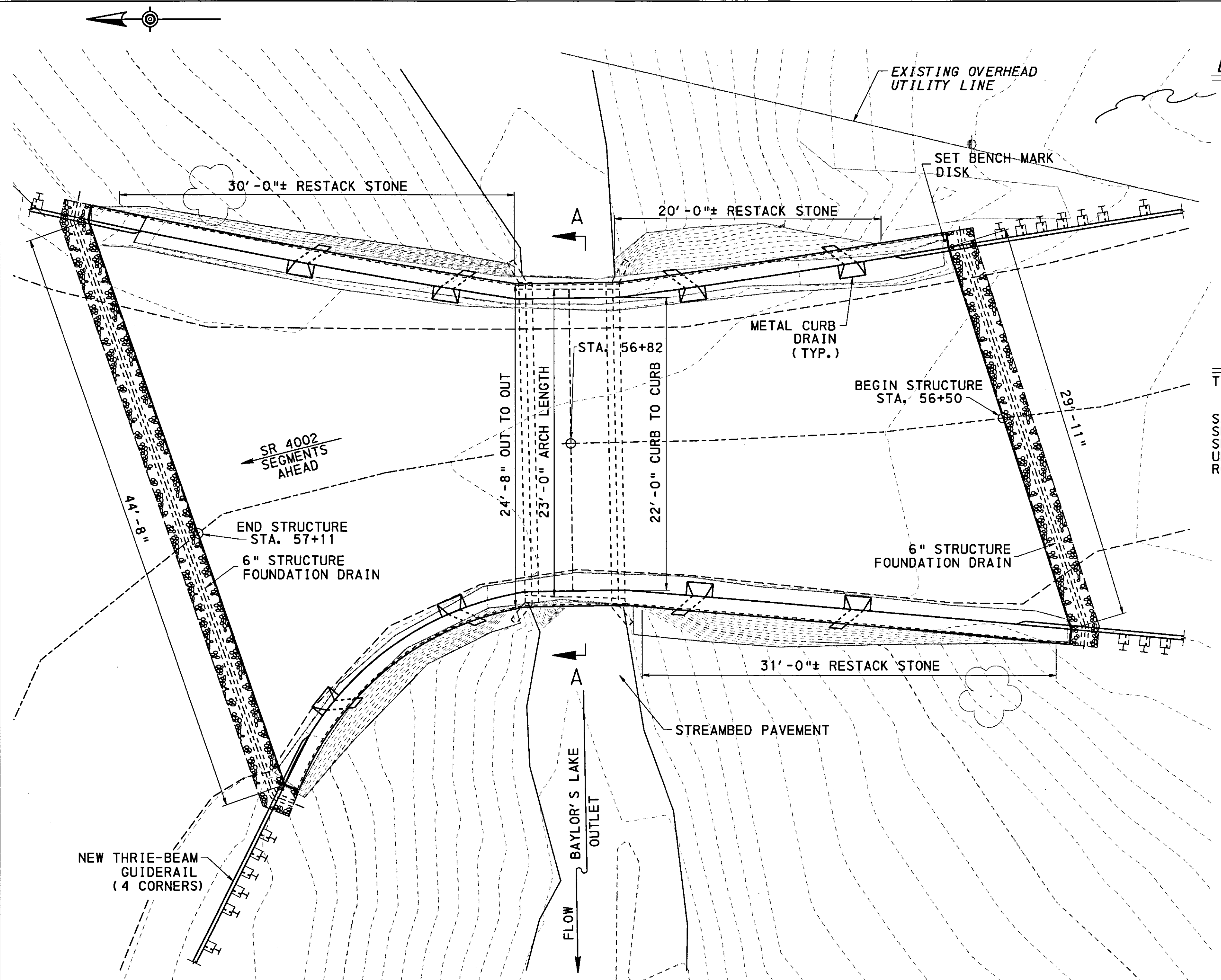
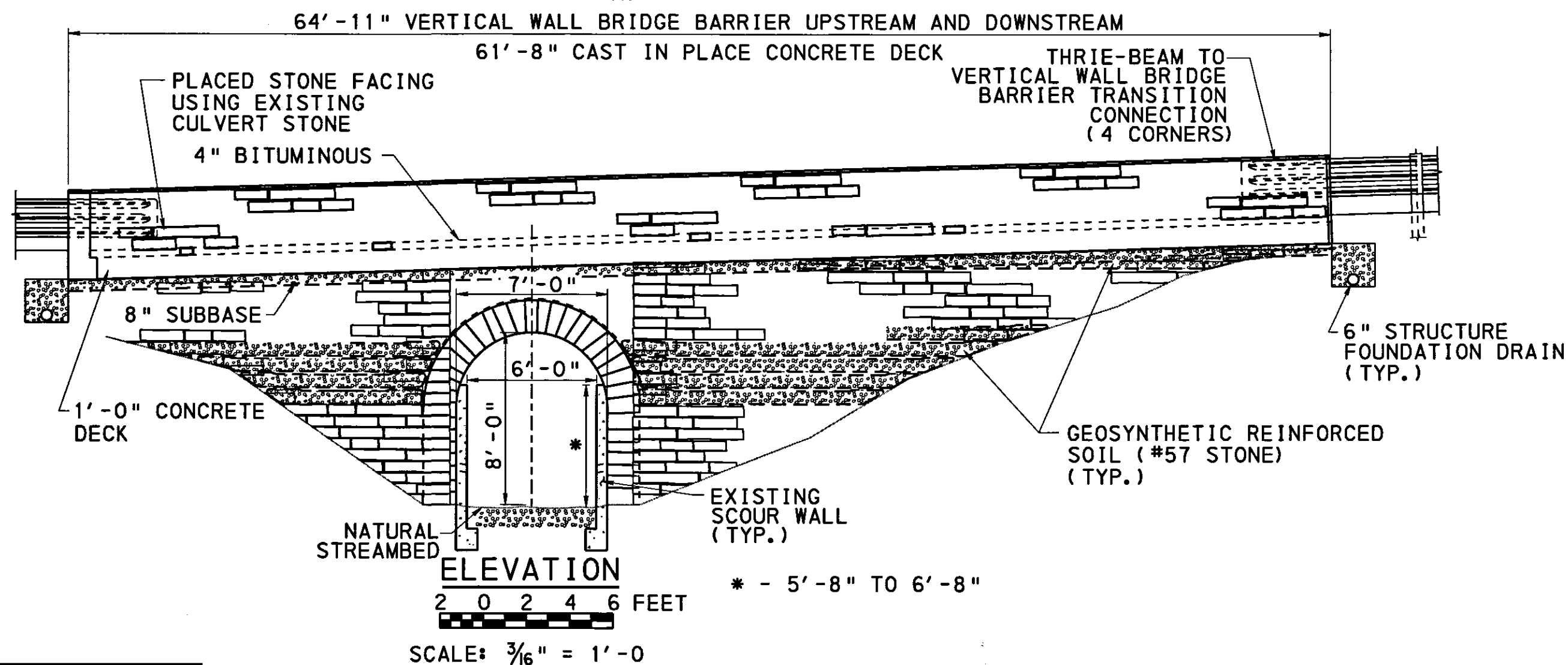




PLAN
2 0 2 4 6 FEET
SCALE: 3/16" = 1'-0



ELEVATION
2 0 2 4 6 FEET
SCALE: 3/16" = 1'-0

EXISTING STRUCTURE DATA

TYPE: SINGLE SPAN DRY STONE MASONRY ARCH
S.L.D. STATION: 56+82
SKEW: 90°-00'-00"
SPAN: 7'-6" CLEAR
UNDERCLEARANCE: 8'-0"
ROADWAY: 18'-6" CURB TO CURB
YEAR BUILT: 1800
DRAINAGE AREA: 2.43 SQ. MI.
CARRIES: S. R. 4002
OVER: OUTLET BAYLOR'S POND
EXISTING BRIDGE DRAWINGS: NOT AVAILABLE
BRKEY: 39937

STAIN CONCRETE TO MATCH EXISTING STONE (TYP.)

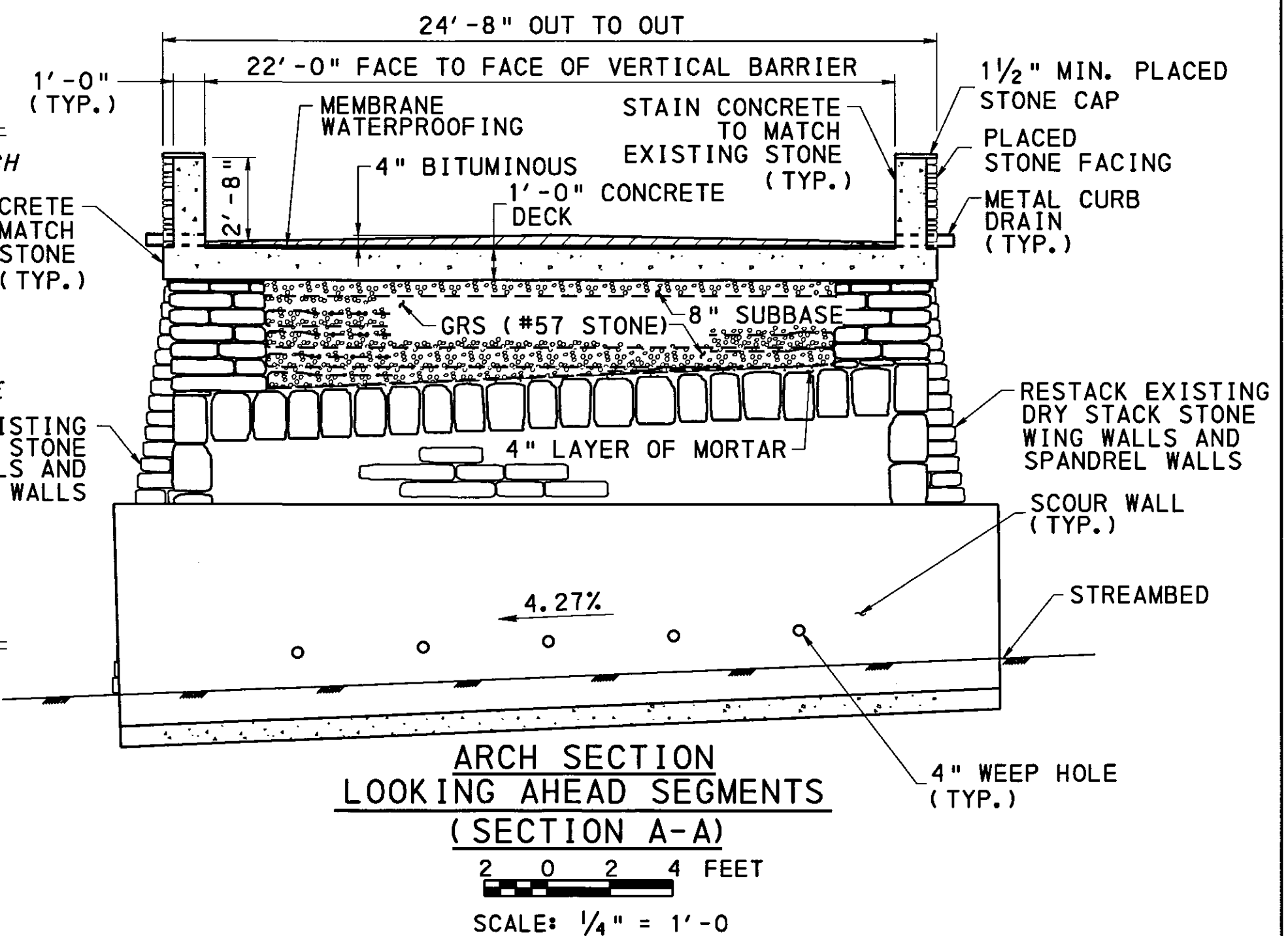
RESTACK EXISTING DRY STACK STONE WING WALLS AND SPANDREL WALLS

PROPOSED STRUCTURE DATA

TYPE: SINGLE SPAN DRY STONE MASONRY ARCH WITH A REINFORCED CONCRETE DECK AND BARRIER
S.L.D. STATION: 56+82
SKEW: 90°-00'-00"
SPAN: 7'-6" CLEAR
UNDERCLEARANCE: 8'-0"
ROADWAY: 22'-0" CURB TO CURB

SCOPE OF WORK

- EXCAVATE ROADWAY AND FILL MATERIAL WHILE DISMANTLING THE STACKED STONE PARAPETS, WING WALLS AND SPANDREL WALLS DOWN TO A STABLE LEVEL BELOW THE AREAS OF BULGING AND COLLAPSE.
- RESTACK THE EXISTING STONE FROM THE EXISTING STRUCTURE REPLACING ANY DEFECTIVE STONE WITH A NEW STONE OF SIMILAR COLOR AND SHAPE TO KEEP CONTINUITY WITH THE REMAINING EXISTING STRUCTURE. PLACE GEOSYNTHETIC REINFORCED SOIL (#57 STONE) AS BACKFILL BETWEEN THE WING WALLS AND SPANDREL WALLS TO AN ELEVATION, ALONG WITH THE DRY STACKED STONE WING WALLS AND SPANDREL WALLS, THAT INTERFACES WITH THE REINFORCED CEMENT CONCRETE DECK.
- PRIOR TO PLACING THE GEOSYNTHETIC REINFORCED SOIL (#57 STONE) OVER THE BARREL OF THE STONE CULVERT PLACE A LAYER, APPROX. 4", OF MORTAR OVER THE STONE BARREL WORKING THE MORTAR INTO THE OPENINGS BETWEEN THE STONE TO LOCK THE STONE INTO POSITION. PLACE THE MORTAR FROM TOP OF BARREL TO THE SPRING LINE OF THE STONE ARCH.
- UPON COMPLETION OF THE STACKING OF THE STONE WING WALLS, SPANDREL WALLS AND PLACEMENT OF THE GEOSYNTHETIC SOIL (#57 STONE) BACKFILL FORM AND PLACE THE REINFORCED CONCRETE DECK, METAL CURB DRAINS AND VERTICAL WALL BRIDGE BARRIER. AFFIX NATURAL STONE TO THE FRONT FACE OF THE VERTICAL WALL BRIDGE BARRIER TO REPLICATE THE EXISTING DRY STACKED STONE PARAPETS.
- APPLY MEMBRANE WATERPROOFING TO TOP OF CONCRETE DECK AS PER BC-788M. PAVE 4" BITUMINOUS OVER MEMBRANE WATERPROOFING CREATING REQUIRED CROWN AND SLOPE OF ROADWAY.
- STAIN ALL EXPOSED CONCRETE TO MATCH COLOR OF EXISTING STONE.



ARCH SECTION
LOOKING AHEAD SEGMENTS
(SECTION A-A)

TRAFFIC DATA

ADT: 514 (2012)
TRUCK TRAFFIC: 13 %

DESIGN METHODOLOGY

LOAD RESISTANCE FACTOR DESIGN (DECK)

Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

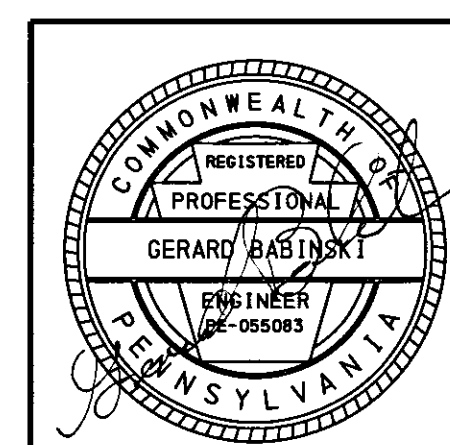
S. R. 4002 PREVIOUSLY KNOWN AS L. R. 35027

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

LACKAWANNA COUNTY
S. R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S. R. 4002 - 250 STA. 56+82

OUTLET TO BAYLOR'S POND
7'-6"x8'-0" DRY STACK STONE ARCH BRDG.
GENERAL PLAN & ELEVATION

MPMS# 104611



RECOMMENDED 10-13-2016

Gerard Babin
DISTRICT BRIDGE ENGINEER

SHEET 1 OF 8

S - 36785

OPERATOR: F:\bd3\35-4002-0020-3094 Baylor's Lake\35-4002-0020-3094 Plans\General Notes.dgn
FILE NAME: F:\bd3\35-4002-0020-3094 Baylor's Lake\35-4002-0020-3094 Plans\General Notes.dgn
D-9002 CADD (02-90) REVISED (10-04) PLOTTED: 13-OCT-2016 13:11

GENERAL NOTES

PROVIDE MATERIALS AND PERFORM WORK IN ACCORDANCE WITH SPECIFICATIONS PUBLICATION 408/2016.

DESIGN SPECIFICATIONS:

- AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 7TH EDITION 2014, AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4, APRIL 2015 EDITION (INCLUDING LATEST REVISIONS).
- DESIGN IS IN ACCORDANCE WITH THE LRFD METHOD.

DESIGN LIVE LOADS:

- PHL-93

GENERAL:

- STATIONS AND ELEVATIONS ARE GIVEN IN FEET UNLESS OTHERWISE NOTED.
- PROVIDE 2" CONCRETE COVER ON REINFORCEMENT BARS, EXCEPT AS NOTED.
- DECK SLAB THICKNESS INCLUDES A 1/2" INTEGRAL WEARING THICKNESS.
- USE CLASS AAA CEMENT CONCRETE IN: DECK SLAB
- USE CLASS AA CEMENT CONCRETE IN: BARRIERS
- USE CLASS A CEMENT CONCRETE IN: SCOUR WALLS
- PROVIDE GRADE 60 REINFORCING STEEL BARS THAT MEET THE REQUIREMENTS OF ASTM A 615/A 615M, A 996/A 996M, OR A 706/A 706M. DO NOT WELD GRADE 60 REINFORCING STEEL BARS UNLESS SPECIFIED.
- USE EPOXY-COATED REINFORCEMENT BARS IN: SCOUR WALLS, DECK, BARRIERS
- RAKE-FINISH ALL HORIZONTAL CONSTRUCTION JOINTS.
- SEISMIC FORCES WERE NOT CONSIDERED.
- CHAMFER ALL EXPOSED EDGES OF CONCRETE 1 INCH BY 1 INCH EXCEPT AS NOTED.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.
- VERIFY ALL DIMENSIONS AND GEOMETRY OF THE EXISTING STRUCTURE IN THE FIELD AS NECESSARY FOR PROPER FIT OF THE PROPOSED CONSTRUCTION.
- CONSTRUCTION DETAILS OTHER THAN THOSE SHOWN CONFORM TO PENNDOT STANDARD DRAWINGS.
- USE CARE DURING REMOVAL PORTION OF WING WALLS AND SPANDREL WALLS SO AS NOT TO CAUSE ADDITIONAL COLLAPSE OR DISTRESS TO OTHER PARTS OF THE STRUCTURE.
- DIRECT ALL SURFACE RUNOFF AWAY FROM EXCAVATIONS.
- NOTIFY THE REGIONAL HEADQUARTERS OF THE FISH COMMISSION PRIOR TO CONSTRUCTION AND COOPERATE WITH THE FISH COMMISSION DURING CONSTRUCTION.

GENERAL MASONRY STONE ARCH NOTES:

PERFORM ALL WORK IN ACCORDANCE WITH PENNDOT PUBLICATION 55, PUBLICATION 408/2016 AND PENNDOT BULLETIN 15.

GENERAL:

- USE ORIGINAL MASONRY STONES WHERE REPAIR OR REHABILITATION IS NECESSARY. IF THIS IS NOT POSSIBLE, THE REPLACEMENT OF THE NEW STONES SHOULD MATCH THE EXISTING STONES IN TYPE, SIZE, TEXTURE/FINISH AND COLOR.
- EXCAVATE FILL MATERIAL BETWEEN EXISTING DRY STACK STONE WALLS EQUALLY ON BOTH THE NEAR AND FAR SIDES OF EXISTING ARCH BARREL TO PRESERVE EQUAL EARTH PRESSURE ALONG THE LENGTH OF THE ARCH BARREL.
- CONDUCT ALL REPAIR, REHABILITATION AND RESTORATION CAUTIOUSLY, USING THE LEAST OBTRUSIVE MEANS POSSIBLE, WITH A PLAN TO DISTURB THE LEAST AMOUNT OF ORIGINAL MATERIAL.
- REMOVE EXISTING MASONRY BARRIER STONES AND THOROUGHLY CLEAN TO INSURE ALL GROUT, DIRT OR OTHER DEBRIS IS REMOVED FROM STONE SURFACE. STORE CLEANED STONES IN SECURE AREAS.
- CUT EXISTING CLEANED STONES AS REQUIRED TO CONSTRUCT A 4" THICK MASONRY STONE BARRIER FACADE ON THE FASCIA SIDE OF THE REINFORCED CONCRETE BARRIER. IN ORDER TO MIMIC AND MAINTAIN THE CURRENT LOOK OF THE MASONRY STONE BARRIER, CUT (FLAT) SIDES OF THE STONES SHALL BE PLACED AND GLUED WITH MORTAR AGAINST THE FASCIA SIDE OF THE REINFORCED CONCRETE BARRIER.

UTILITY NOTES:

COORDINATE, LOCATE, AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH PUBLICATION 408/2016, SECTIONS 105.06 AND 107.12.

INDEX OF DRAWINGS	
SHEET NO.	TITLE
1	GENERAL PLAN & ELEVATION
2	GENERAL NOTES & QUANTITIES
3	SUBSTRUCTURE REBUILDING DETAILS
4	CONCRETE DECK DETAIL 1
5	CONCRETE DECK DETAIL 2
6	LEFT BARRIER DETAIL
7	RIGHT BARRIER DETAIL
8	REINFORCEMENT SCHEDULE

APPROXIMATE QUANTITIES BRIDGE STRUCTURE AS DESIGNED		
ITEM	UNIT	TOTAL
4" BITUMINOUS SURFACE	SY	186
SUBBASE 8" DEPTH (No. 2A)	SY	205
MEMBRANE WATERPROOFING SYSTEM INSTALLED ON BRIDGE DECK	SY	223
CLASS AAA CEMENT CONCRETE	CY	69
CLASS AA CEMENT CONCRETE	CY	14
6" STRUCTURE FOUNDATION DRAIN	LF	90
REINFORCEMENT BARS, EPOXY COATED	LBS	23,401
METAL CURB DRAIN	EA	8
MORTAR SURFACING 4" DEPTH	SY	30
1" THICK NEOPRENE SPONGE (BASED ON 50' ROLLS)	ROLL	3
GEOTEXTILE, CLASS 4, TYPE C (BASED ON 15' x 300' ROLLS) (SEE ADDITIONAL REQUIRED PROPERTIES SHEET 3 OF 8)	ROLL	3
WELDED WIRE FABRIC (BASED ON 8.2' x 131.2' COIL)	COIL	2
#57 COARSE AGGREGATE	CY	248
SET BENCH MARK DISK	EA	1
DISASSEMBLE AND REASSEMBLE PORTION OF EXISTING BRIDGE	SF	810
MASONRY STONE FACING	SF	174

* ALL QUANTITIES SUBJECT TO CORRECTION DUE TO FIELD CONDITIONS *

Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

S.R. 4002 PREVIOUSLY KNOWN AS L.R. 35027

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DEPARTMENT OF TRANSPORTATION

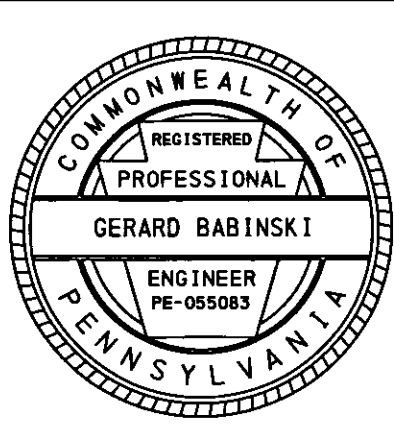
LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND
7'-6"x8'-0" DRY STACK STONE ARCH BRDG.
GENERAL NOTE AND QUANTITIES

RECOMMENDED 10-13-2014

SHEET 2 OF 8

S - 36785

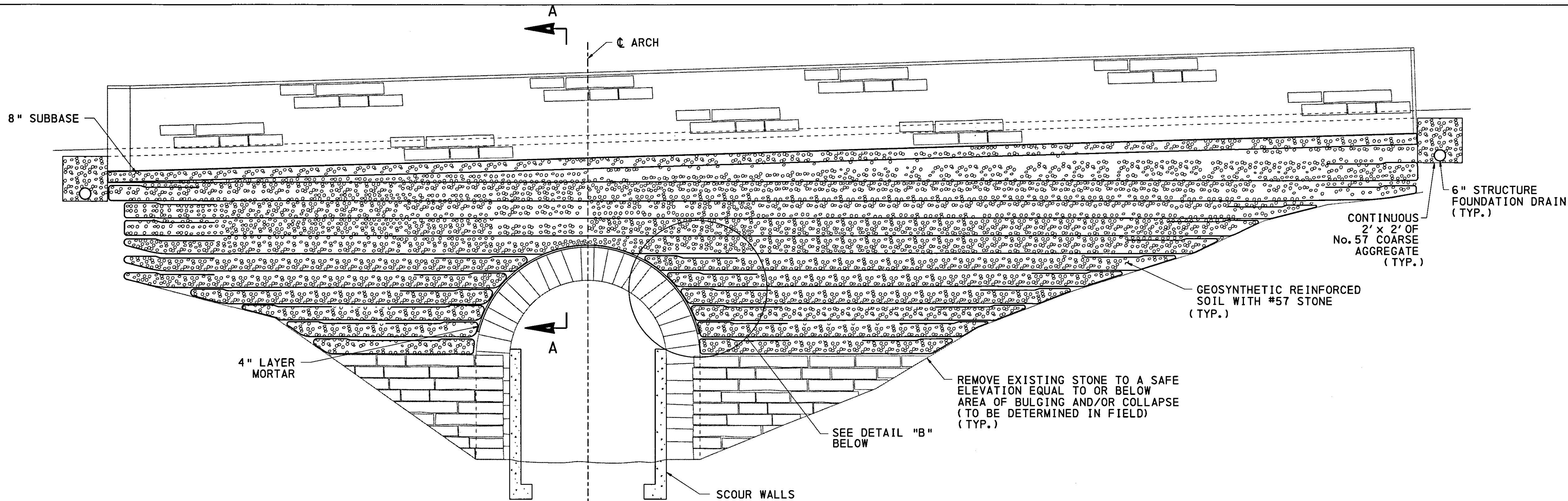
MPMS# 104611



SUBSURFACE DRAINS	RC-30M	6-1-10
GUIDE RAIL TRANSITION AT END OF STRUCTURE	RC-50M	6-1-10
CONCRETE VERTICAL WALL BRIDGE BARRIER	BD-618M	4-29-16
GEOSYNTHETIC REINFORCED SOIL INTEGRATED BRIDGE SYSTEM	BD-697M	4-29-16
ANCHOR SYSTEMS	BC-734M	10-26-10
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	5-18-12
BRIDGE DRAINAGE	BC-751M	11-21-14
CONCRETE DECK SLAB DETAILS	BC-752M	11-21-14
DESCRIPTION	DWG. NO.	APP. DATE

SUPPLEMENTAL DRAWINGS

DES: G.F.L. DWG: G.F.L. CKD: C.A.D.

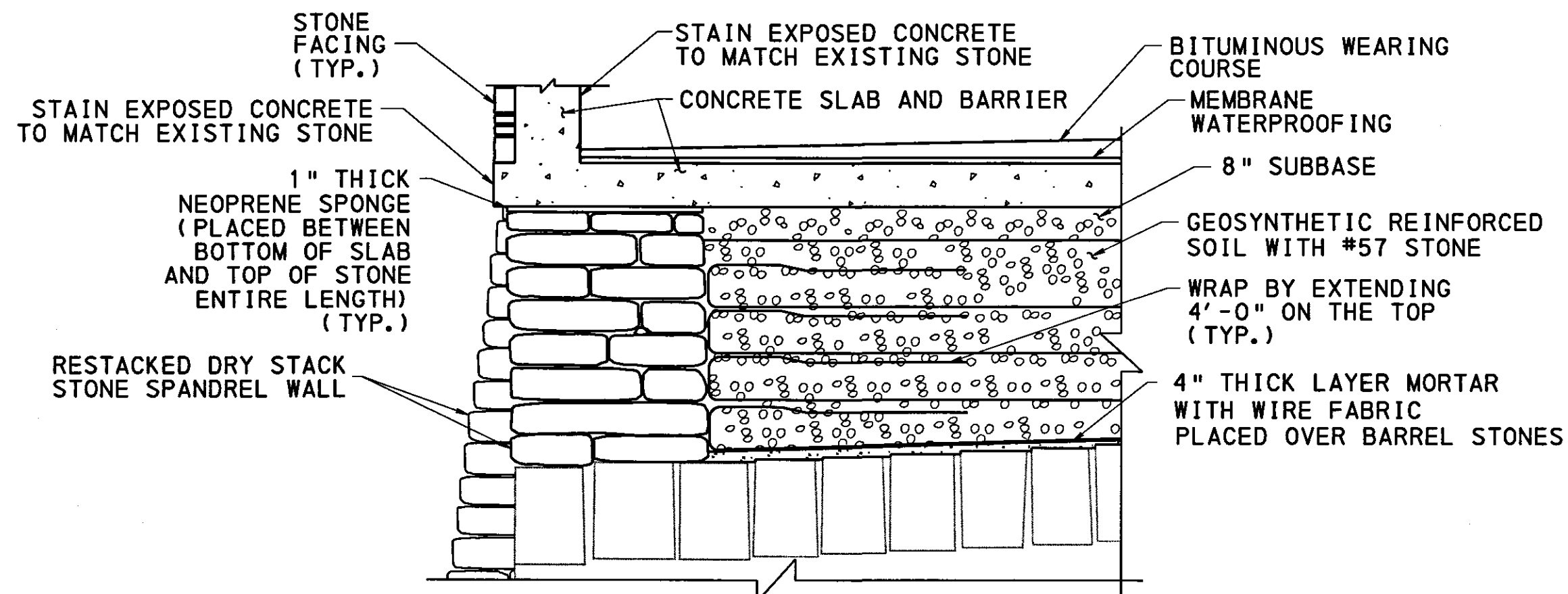


REBUILDING DETAIL

ELEVATION VIEW

1 0 1 2 3 FEET

SCALE: 3/8" = 1'-0



REBUILDING SECTION "A-A"

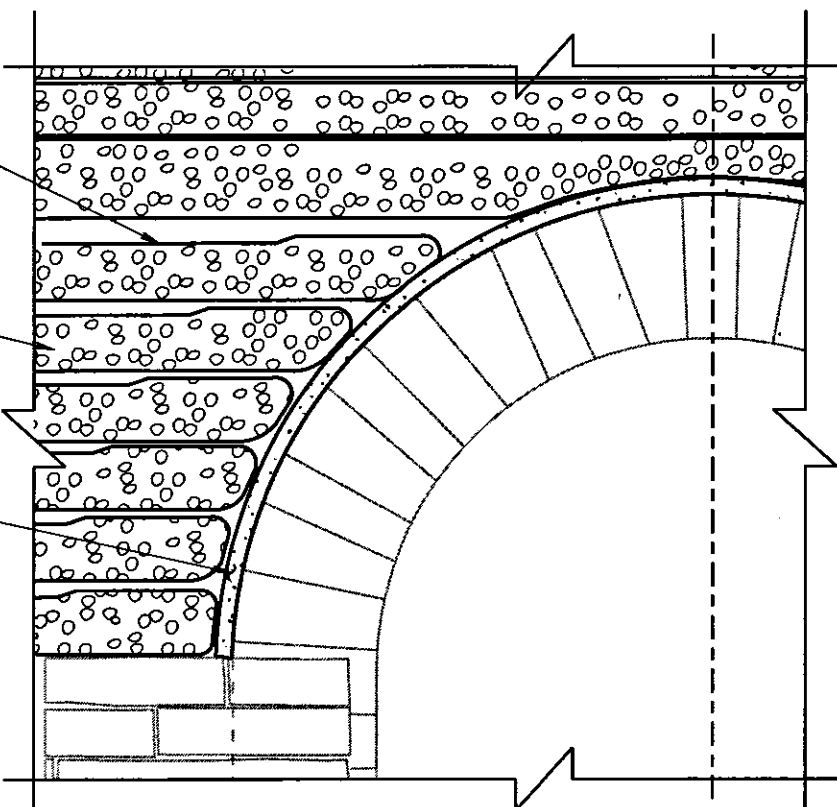
1 0 1 2 FEET

SCALE: 1/2" = 1'-0

WRAP BY EXTENDING
4'-0" ON THE TOP
(TYP.)

GEOSYNTHETIC REINFORCED
SOIL WITH #57 STONE

4" THICK LAYER MORTAR
WITH WIRE FABRIC
PLACED OVER BARREL STONES



REBUILDING DETAIL "B"

1 0 1 2 FEET

SCALE: 1/2" = 1'-0

GEOSYNTHETIC REINFORCED SOIL NOTES:

- GEOSYNTHETIC REINFORCEMENT TO BE IN ACCORDANCE WITH PUBLICATION 408, SECTION 735, CLASS 4, TYPE C, WITH THE FOLLOWING ADDITIONAL PROPERTIES:
- USE BIAXLE GEOTEXTILE MADE FROM POLYPROPYLENE
- TENSILE PROPERTIES DETERMINED BY ASTM D 4595 WITH ULTIMATE TENSILE STRENGTH GREATER THAN OR EQUAL TO 4,800 LB/FT IN BOTH DIRECTIONS TESTED AT A STRAIN RATE OF 10% PER MINUTE. TENSILE STRENGTH AT 2% STRAIN GREATER THAN OR EQUAL TO TENSILE STRENGTH REQUIRED BY DESIGN.
- PROVIDE CERTIFIED TEST DATA DEMONSTRATING COMPLIANCE WITH THIS STANDARD AND PUBLICATION 408.
- COMPACTION: COMPACT BACKFILL TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY ACCORDING TO AASHTO-T-99 AND ± 2 PERCENT OPTIMUM MOISTURE CONTENT. THE COMPACTED THICKNESS SHALL BE 8 INCHES PER LIFT IN THE REINFORCED BACKFILL. ONLY HAND-OPERATED COMPACTION EQUIPMENT IS ALLOWED WITHIN 3 FEET OF THE WALL FACE.
- GEOSYNTHETIC REINFORCEMENT PLACEMENT: PULL THE GEOSYNTHETIC TAUGHT TO REMOVE ANY WRINKLES AND LAY FLAT PRIOR TO PLACING AND COMPACTING THE BACKFILL MATERIAL. STAGGER SPLICES AT LEAST 24 INCHES APART. NO EQUIPMENT IS ALLOWED DIRECTLY ON THE GEOSYNTHETIC. PLACE A MINIMUM 6 INCH LAYER OF GRANULAR FILL PRIOR TO OPERATING ONLY RUBBER-TIRED EQUIPMENT OVER THE GEOSYNTHETIC AT SPEEDS LESS THAN 5 MILES PER HOUR WITH NO SUDDEN BRAKING OR SHARP TURNING.

Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

S.R. 4002 PREVIOUSLY KNOWN AS L.R. 35027

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND

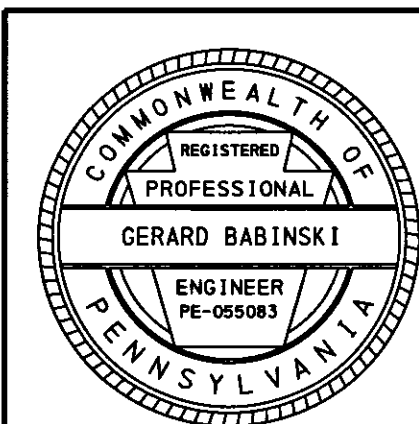
7'-6"x8'-0" DRY STACK STONE ARCH BRIDGE
SUBSTRUCTURE REBUILDING DETAILS

RECOMMENDED 10-13-2016

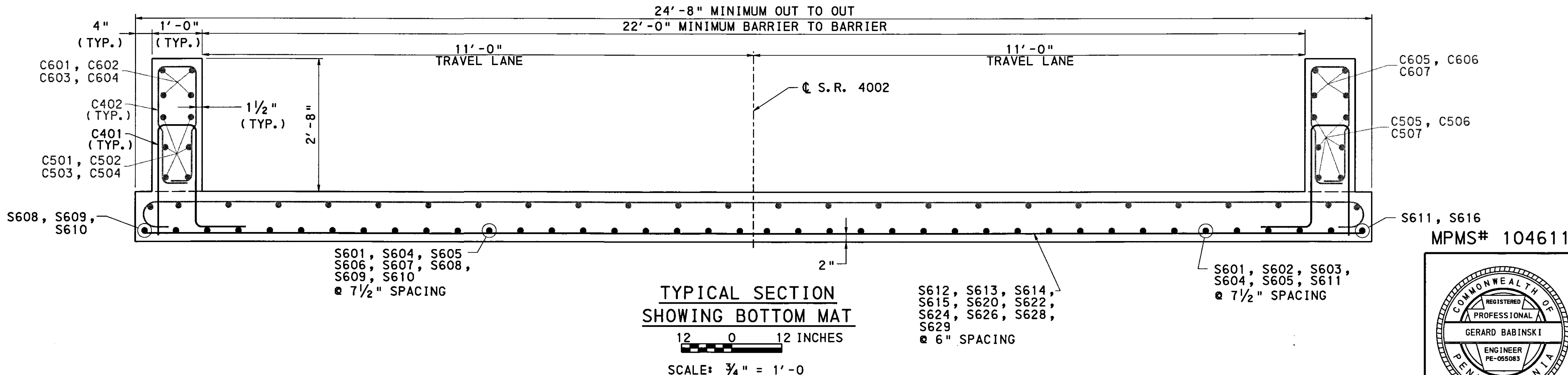
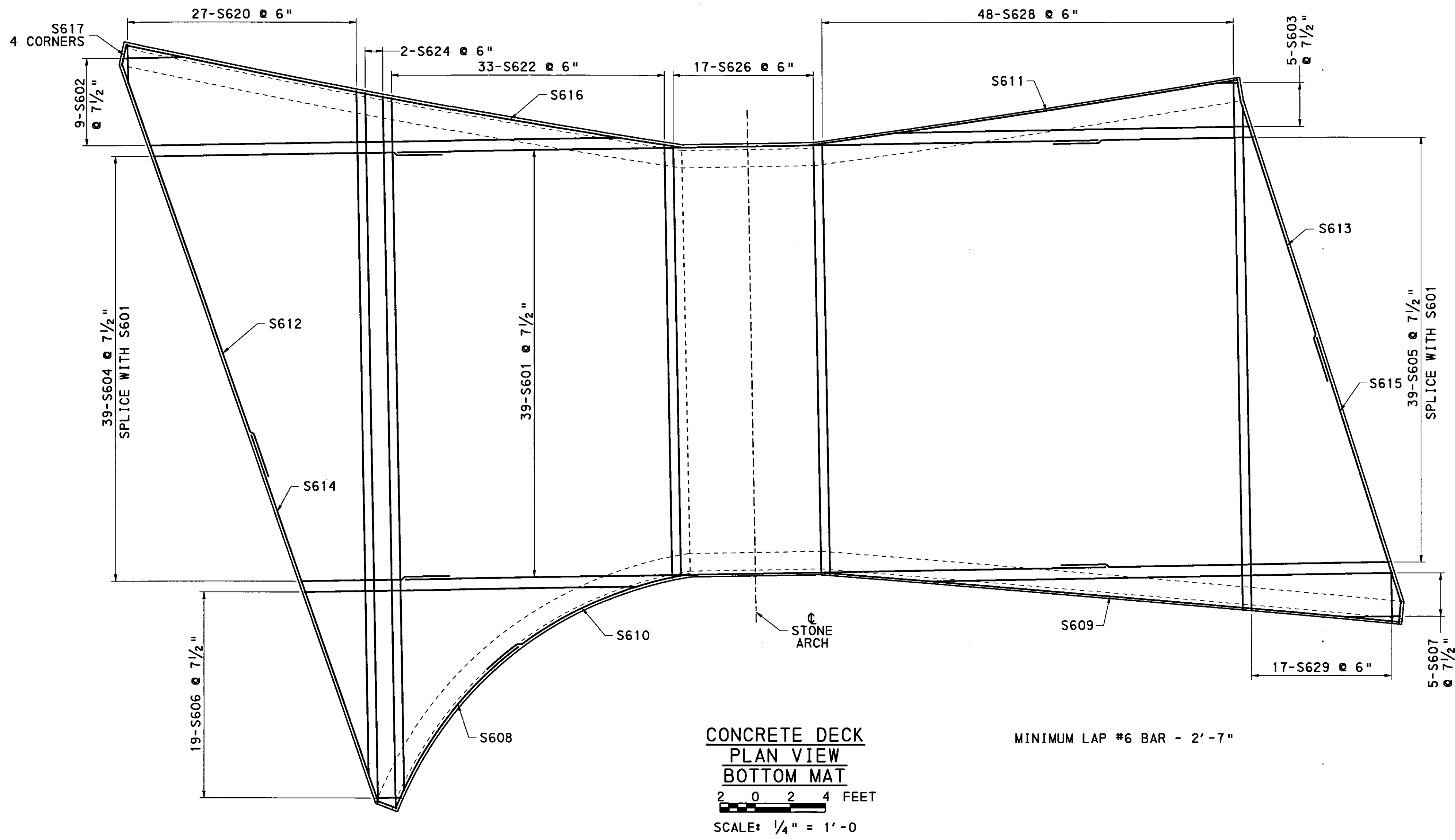
SHEET 3 OF 8

S - 36785

MPMS# 104611



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D-9002 CADD (02-90) REVISED (10-04) PLOTTED: 13-OCT-2016 13:20



Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

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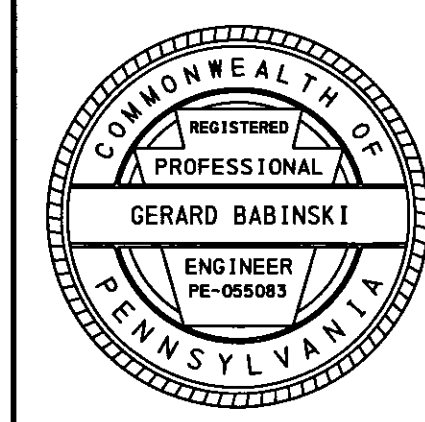
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND
7'-6"X8'-0" DRY STACK STONE ARCH BRDG.
CONCRETE DECK DETAIL 1

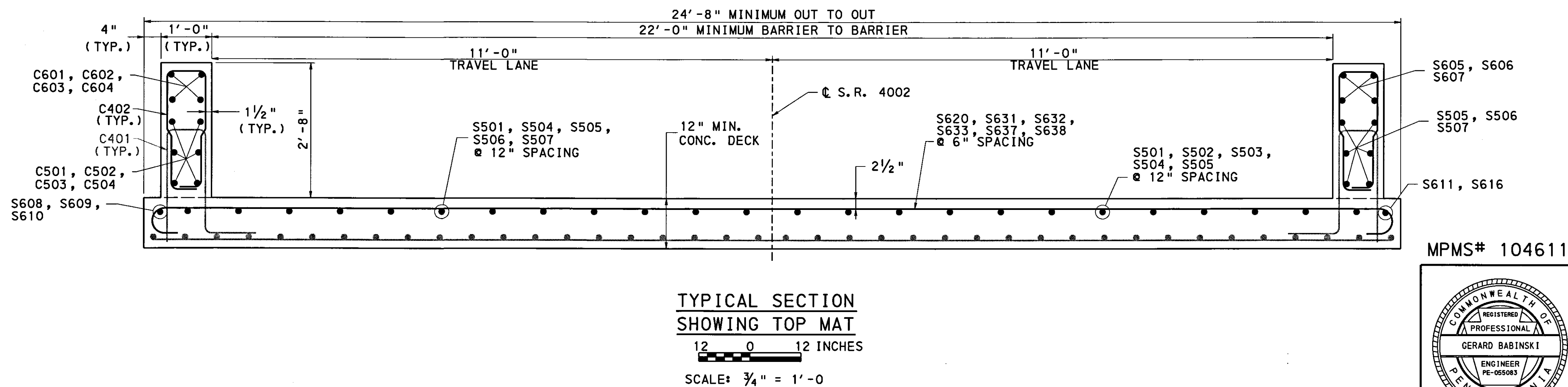
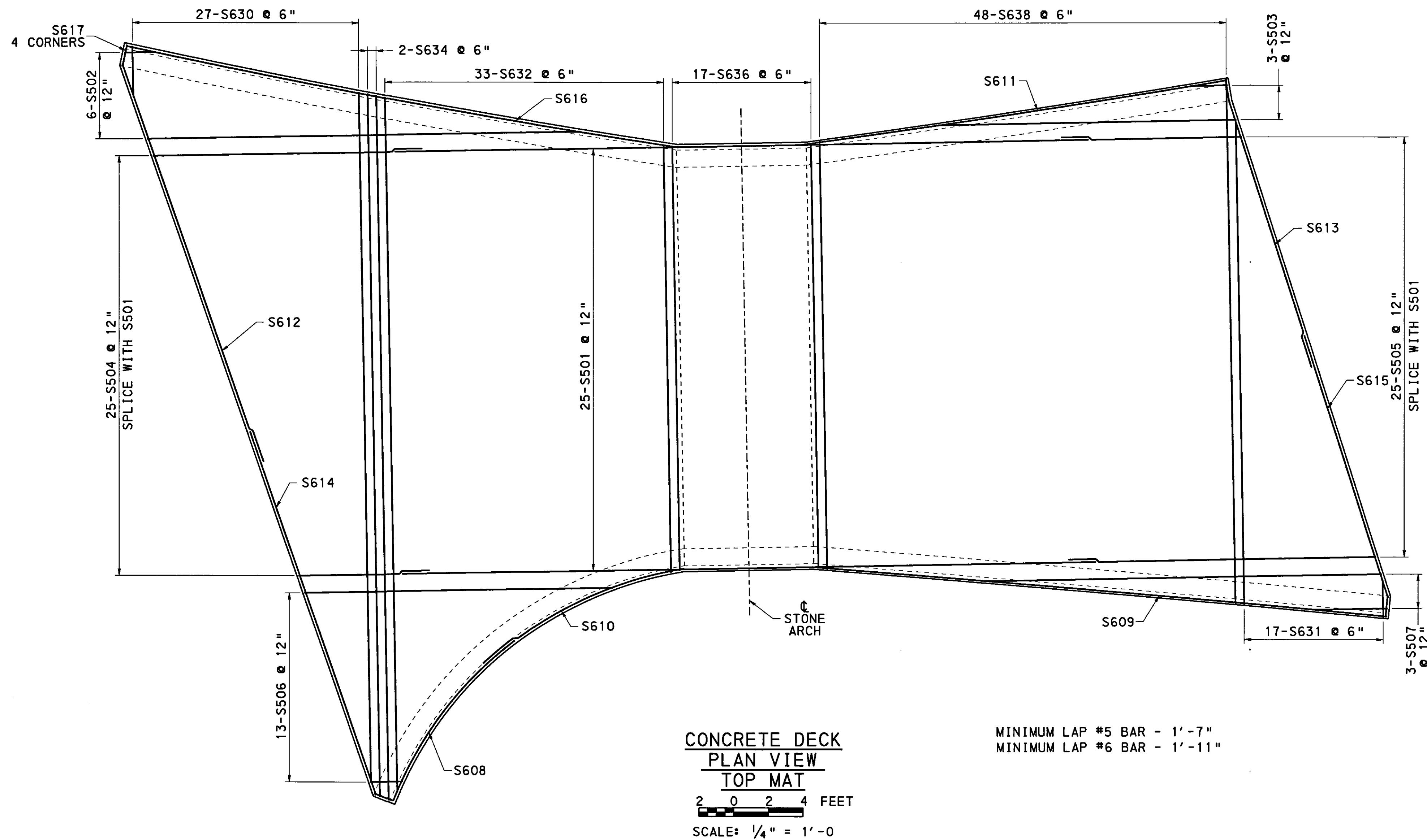
RECOMMENDED 10-13-2014

SHEET 4 OF 8

S - 36785



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Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

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DEPARTMENT OF TRANSPORTATION

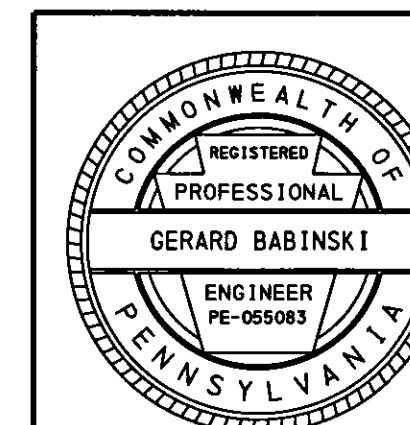
LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND
7'-6"x8'-0" DRY STACK STONE ARCH BRIDGE
CONCRETE DECK DETAIL 2

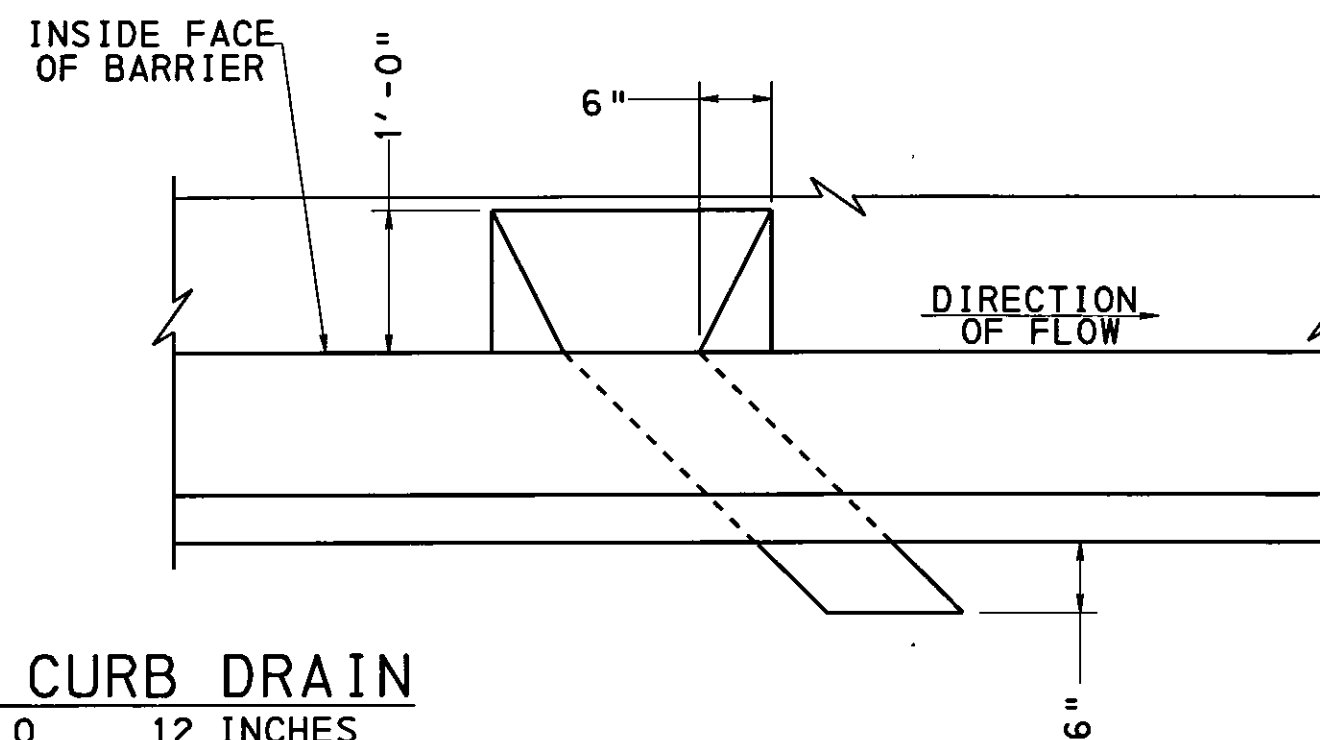
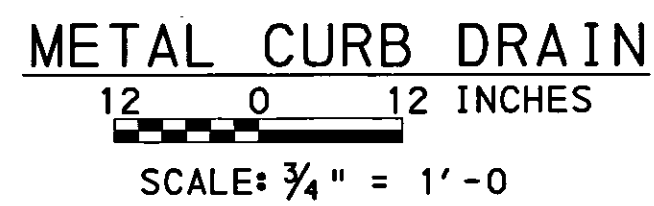
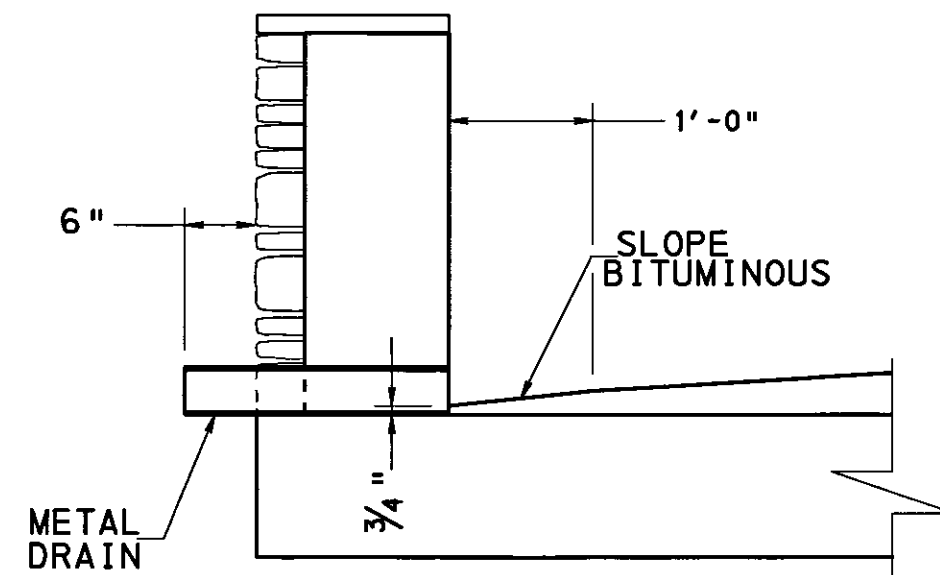
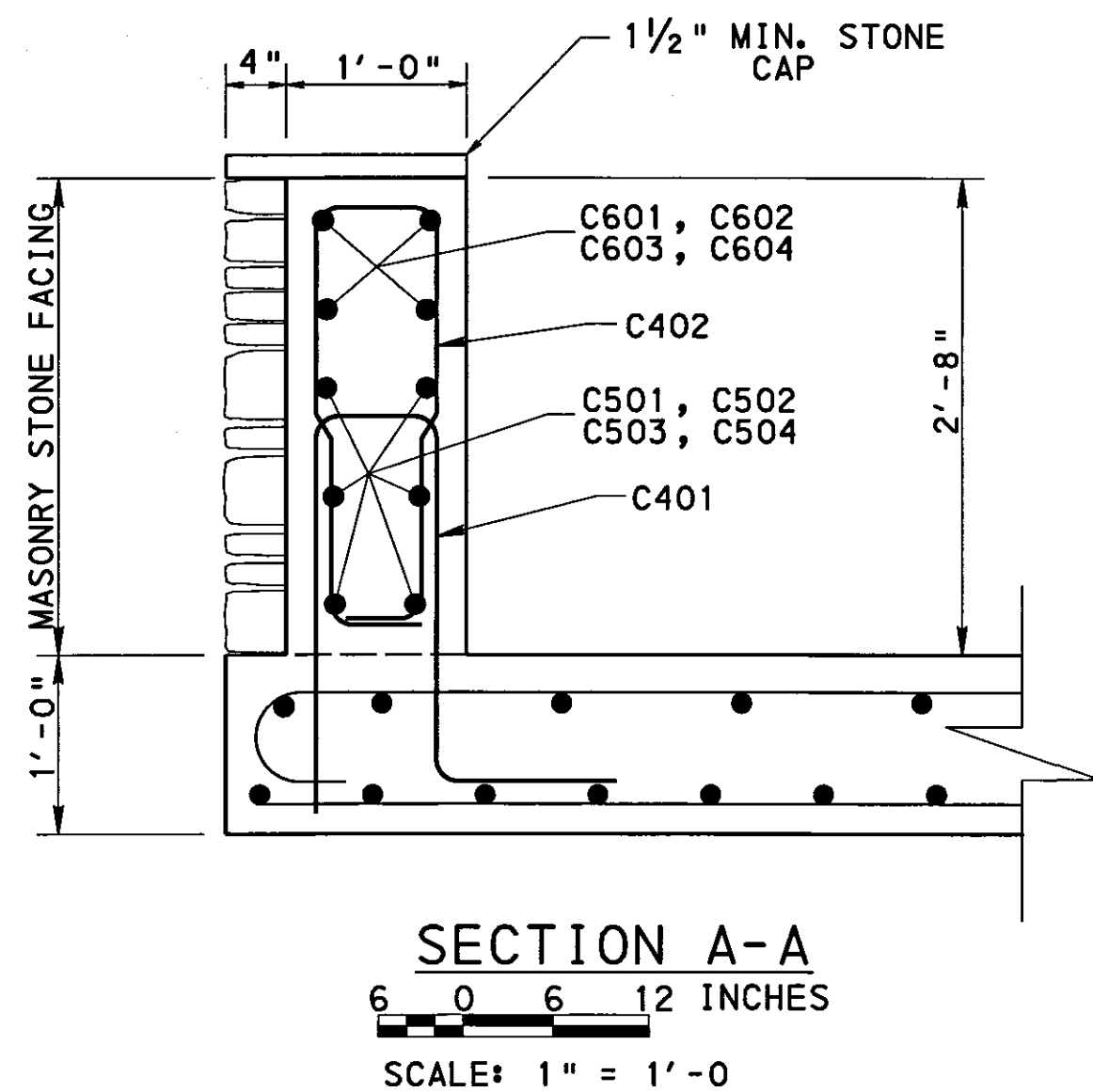
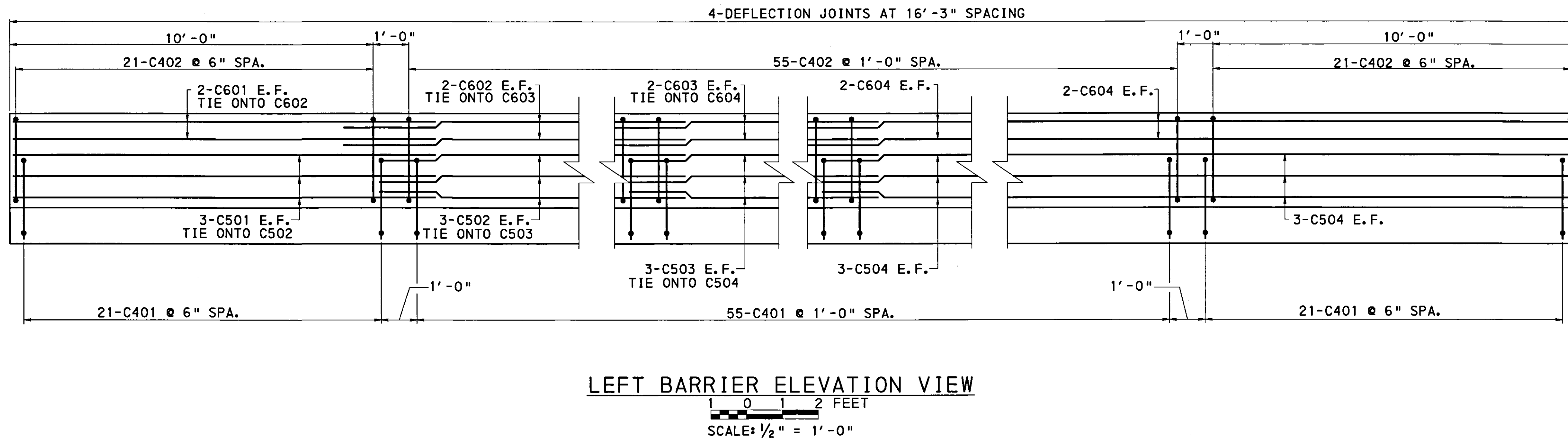
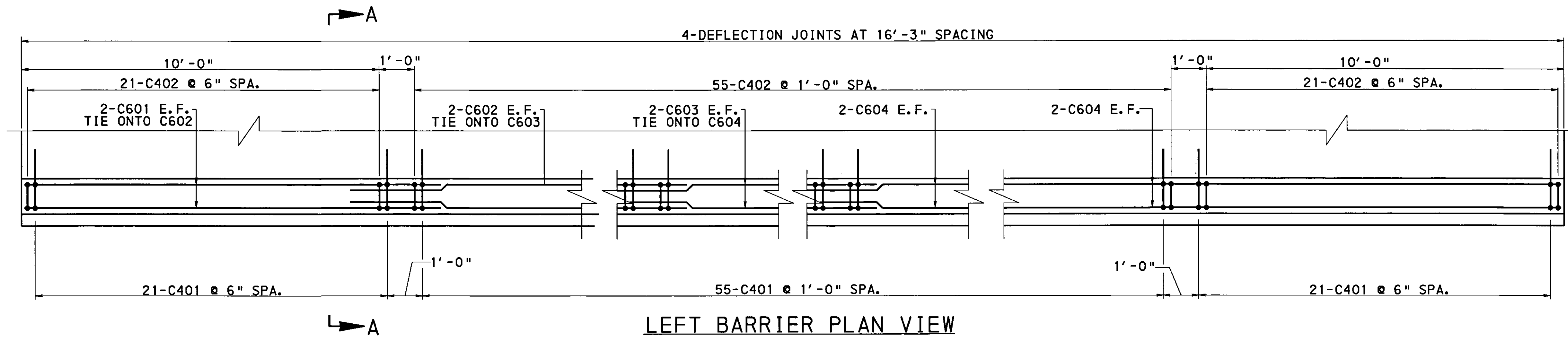
RECOMMENDED 10-18-2016

SHEET 5 OF 8

S - 36785

MPMS# 104611





Mark	Description	By	Chk'd.	Recm'd.	Date
REVISIONS					

S.R. 4002 PREVIOUSLY KNOWN AS L.R. 35027

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DEPARTMENT OF TRANSPORTATION

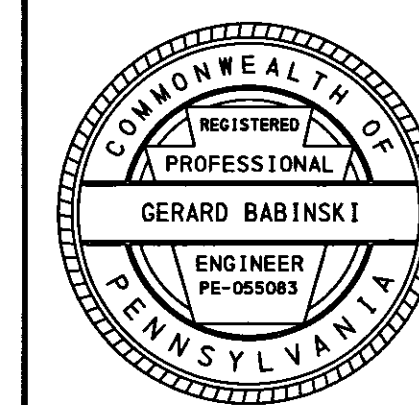
LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND
7'-6"x8'-0" DRY STACK STONE ARCH BRDG.
LEFT BARRIER DETAILS

RECOMMENDED 10-13-2016

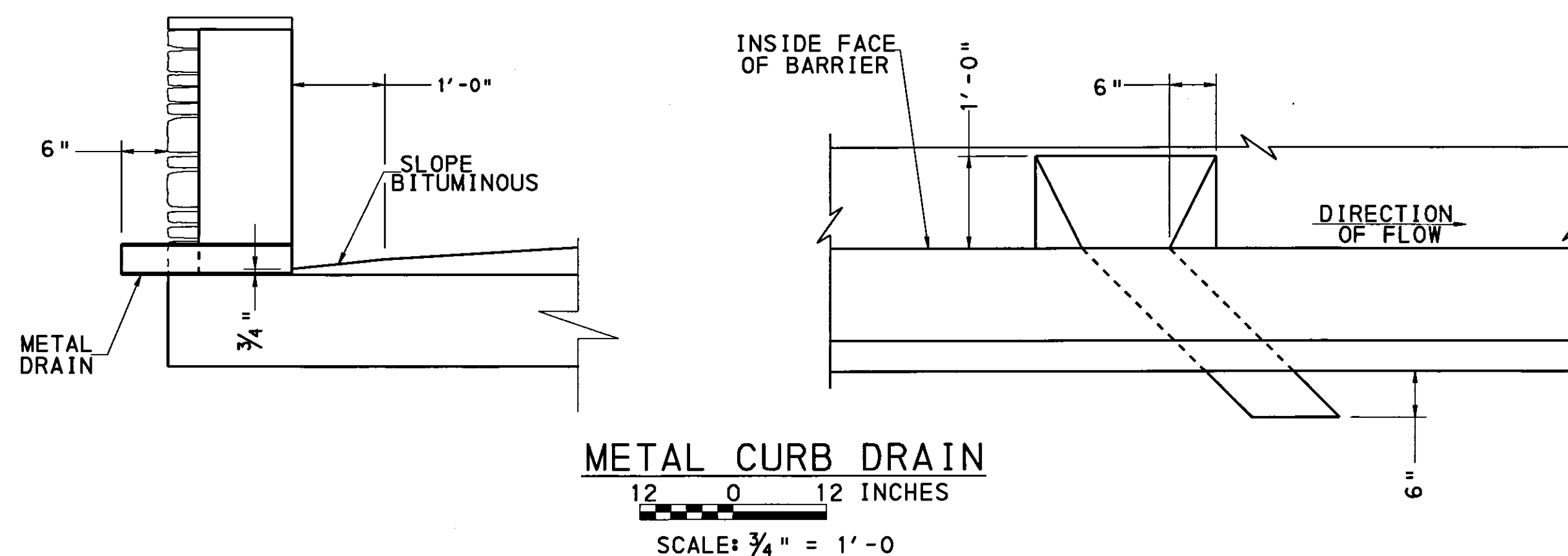
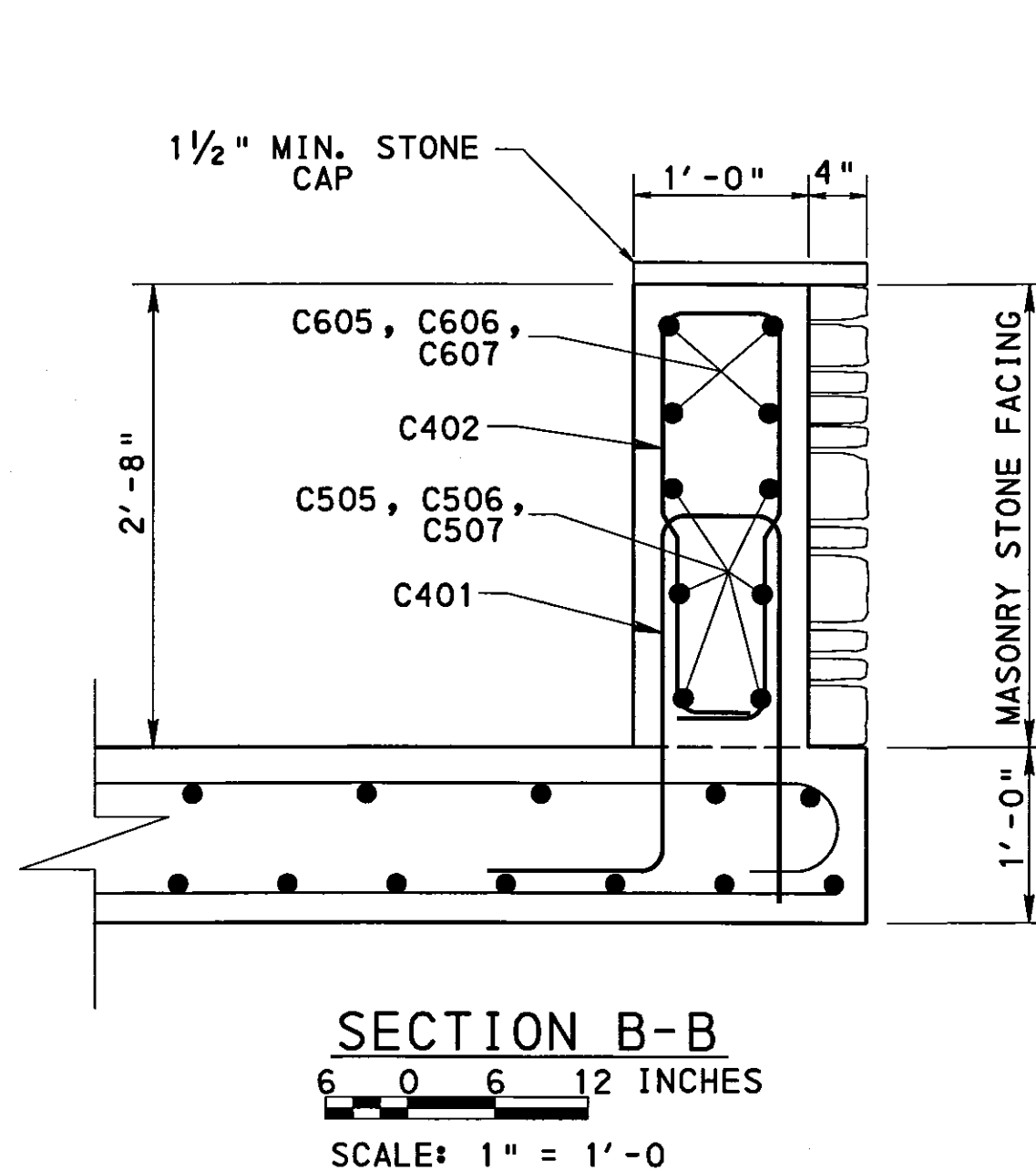
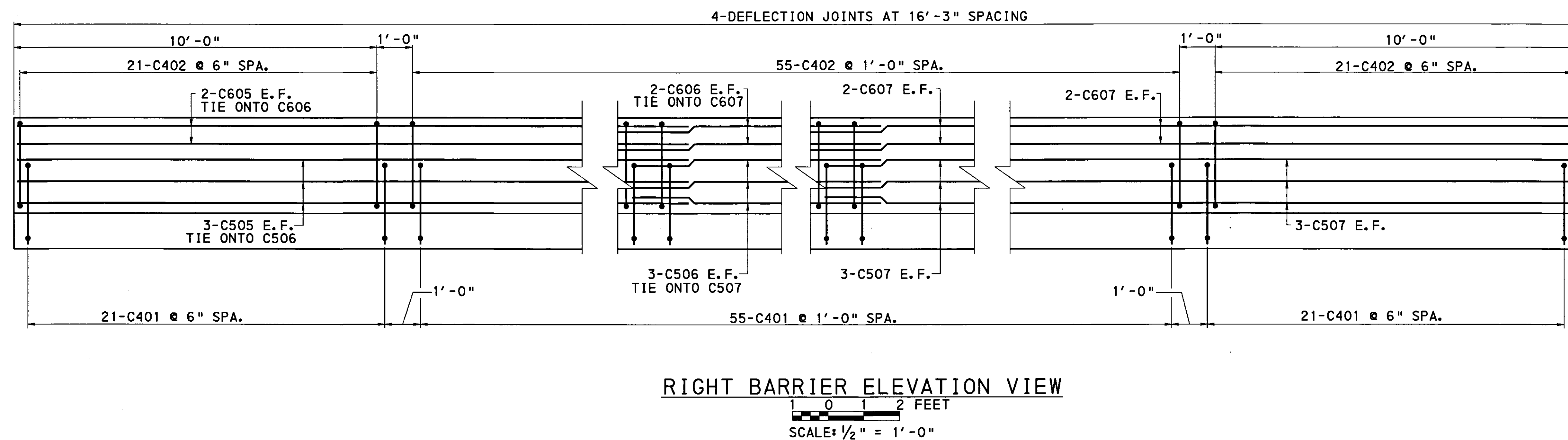
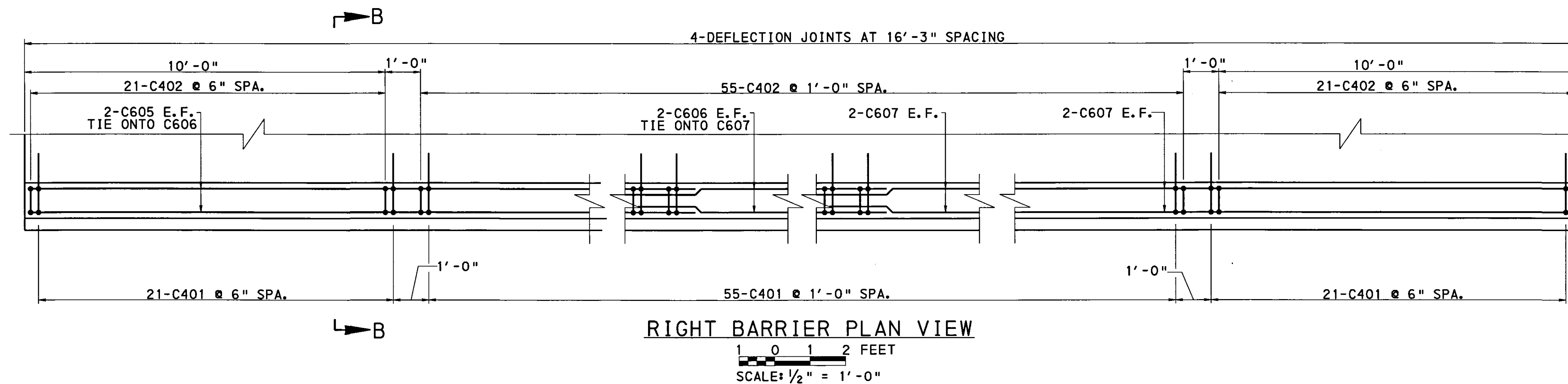
SHEET 6 OF 8

S - 36785

MPMS# 104611



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D-9002 CADD (02-90) REVISED (10-04) PLOTTED: 13-OCT-2016 07:47



Mark	Description	By	Chk'd.	Rec'd.	Date
REVISIONS					

S.R. 4002 PREVIOUSLY KNOWN AS L.R. 35027

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

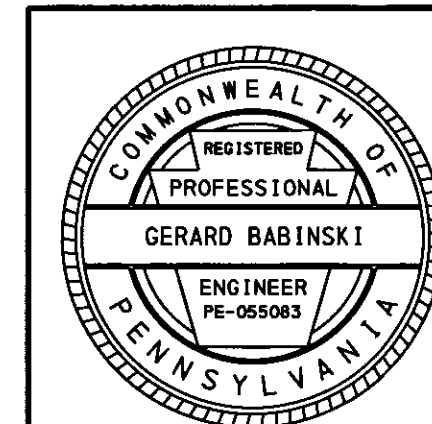
LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND
7'-6"x8'-0" DRY STACK STONE ARCH BRDG.
RIGHT BARRIER DETAILS

RECOMMENDED 10-13-2016

SHEET 7 OF 8

S - 36785

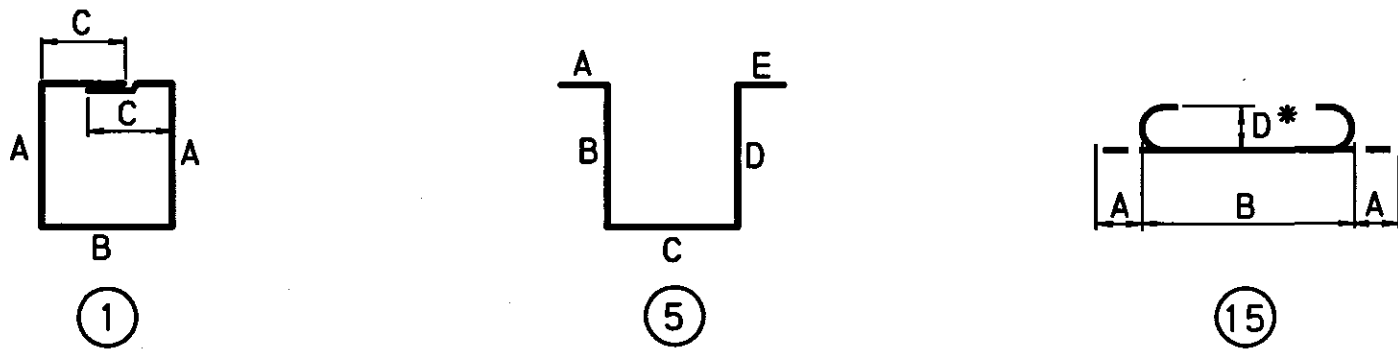
MPMS# 104611



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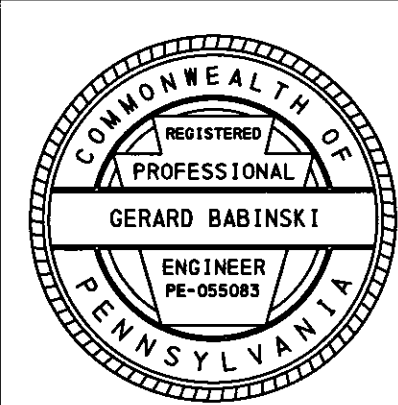
MARK	SIZE	NUMBER	LENGTH	TYPE	A	B	C	D	E	R	REMARKS
CONCRETE DECK - BOTTOM MAT											
S601	6	35	40'-0"	STR							
S602	6	9	VARY 26'-11" TO 3'-7"	STR							VARY 8 BY 2'-11"
S603	6	5	VARY 20'-4" TO 1'-4"	STR							VARY 4 BY 4'-9"
S604	6	39	VARY 16'-7" TO 9'-0"	STR							VARY 38 BY 2 1/2"
S605	6	39	VARY 18'-9" TO 12'-0"	STR							VARY 38 BY 2 1/4"
S606	6	19	VARY 19'-1" TO 1'-6"	STR							VARY 18 BY 11 3/4"
S607	6	5	VARY 26'-4" TO 3'-3"	STR							VARY 4 BY 5'-9 1/4"
S608	6	1	11'-9"	STR							
S609	6	1	33'-4"	STR							
S610	6	1	13'-0"	STR							
S611	6	1	25'-0"	STR							
S612	6	1	25'-6"	STR							
S613	6	1	17'-0"	STR							
S614	6	1	22'-6"	STR							
S615	6	1	16'-0"	STR							
S616	6	1	32'-6"	STR							
S617	6	1	1'-6"	STR							
S620	6	27	VARY 39'-3" TO 2'-3"	STR							VARY 26 BY 1'-4"
S622	6	33	VARY 39'-8" TO 25'-0"	STR							VARY 32 BY 5 1/2"
S624	6	22	41'-0"	STR							
S626	6	17	25'-0"	STR							
S628	6	48	VARY 30'-6" TO 25'-0"	STR							VARY 47 BY 1 3/8"
S629	6	17	VARY 29'-0" TO 3'-0"	STR							VARY 16 BY 1'-7 1/2"
CONCRETE DECK - TOP MAT											
S501	5	25	40'-0"	STR							
S502	5	6	VARY 25'-0" TO 2'-0"	STR							VARY 5 BY 4'-7 1/4"
S503	5	3	VARY 17'-6" TO 2'-6"	STR							VARY 2 BY 7'-6"
S504	5	25	VARY 16'-0" TO 8'-0"	STR							VARY 24 BY 4"
S505	5	25	VARY 18'-0" TO 11'-0"	STR							VARY 24 BY 3 1/2"
S506	5	13	VARY 18'-0" TO 2'-0"	STR							VARY 12 BY 1'-4"
S507	5	3	VARY 23'-0" TO 4'-6"	STR							VARY 2 BY 9'-3"
S608	6	1	11'-9"	STR							
S609	6	1	33'-4"	STR							
S610	6	1	13'-0"	STR							
S611	6	1	25'-0"	STR							
S612	6	1	25'-6"	STR							

MARK	SIZE	NUMBER	LENGTH	TYPE	A	B	C	D	E	R	REMARKS
CONCRETE DECK - TOP MAT (CONT'D)											
S613	6	1	17'-0"	STR							
S614	6	1	22'-6"	STR							
S615	6	1	16'-0"	STR							
S616	6	1	32'-6"	STR							
S617	6	1	1'-6"	STR							
S630	6	27	VARY 41'-4" TO 4'-4"	(15)	8"	40'-0" TO 3'-0"					VARY 26 BY 1'-5"
S631	6	17	VARY 29'-4" TO 3'-7"	(15)	8"	28'-0" TO 2'-3"					VARY 16 BY 1'-7 3/8"
S632	6	33	VARY 41'-7" TO 26'-4"	(15)	8"	40'-3" TO 25'-0"					VARY 32 BY 5 3/4"
S634	6	2	42'-4"	(15)	8"	41'-0"					
S636	6	17	26'-4"	(15)	8"	25'-0"					
S638	6	48	VARY 31'-10" TO 26'-4"	(15)	8"	30'-6" TO 25'-0"					VARY 47 BY 1 5/8"
LEFT BARRIER											
C401	4	194	5'-7 1/2"	(5)	1'-2"	1'-10"	7"	2'-0 1/2"	0"		
C402	4	194	5'-7"	(1)	2'-1"	7"	5"				
C501	5	6	11'-9"	STR							
C502	5	6	13'-0"	STR							
C503	5	6	20'-0"	STR							
C504	5	6	33'-4"	STR							
C601	6	4	11'-9"	STR							
C602	6	4	14'-0"	STR							
C603	6	4	21'-0"	STR							
C604	6	4	34'-4"	STR							
RIGHT BARRIER											
C403	4	194	5'-7 1/2"	(5)	1'-2"	1'-10"	7"	2'-0 1/2"	0"		
C404	4	194	5'-7"	(1)	2'-1"	7"	5"				
C505	5	6	32'-6"	STR							
C506	5	6	20'-0"	STR							
C507	5	6	25'-0"	STR							
C605	6	4	32'-6"	STR							
C606	6	4	20'-0"	STR							
C607	6	4	25'-0"	STR							



Mark	Description	By	Chk'd.	App'd.	Date
REVISIONS					

- FOR REINFORCEMENT BAR FABRICATION DETAILS, REFER TO STANDARD DRAWING BC-736.
- FIGURES IN CIRCLES SHOW TYPES.
- "*" DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD HOOKS ARE TO BE USED.
- REINFORCEMENT BAR SCHEDULE IS FOR INFORMATION ONLY. VERIFY IT PRIOR TO BIDDING AND FABRICATION.



S.R. 4002 PREVIOUSLY KNOWN AS L.R. 35027

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

LACKAWANNA COUNTY
S.R. 4002 SECTION 250
SEGMENT 0020 OFFSET 3094
S.R. 4002 - 250 STA. 56+82
OUTLET TO BAYLOR'S POND

7'-6"x8'-0" DRY STACK STONE ARCH BRIDGE
REINFORCING BAR SCHEDULE

RECOMMENDED 10-13-2014

SHEET 8 OF 8

S - 36785