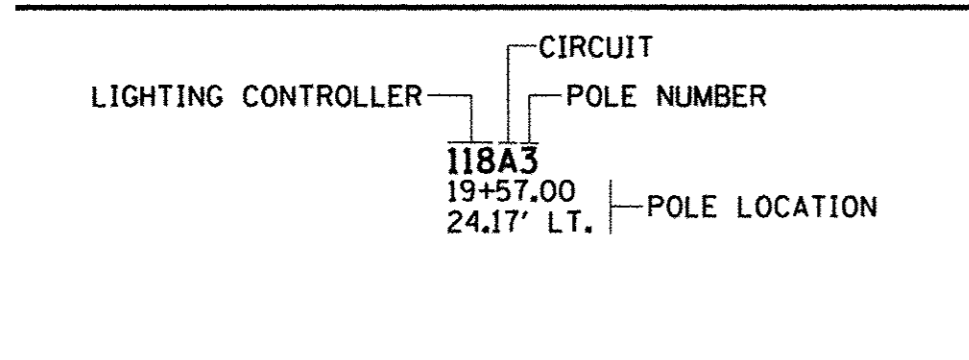
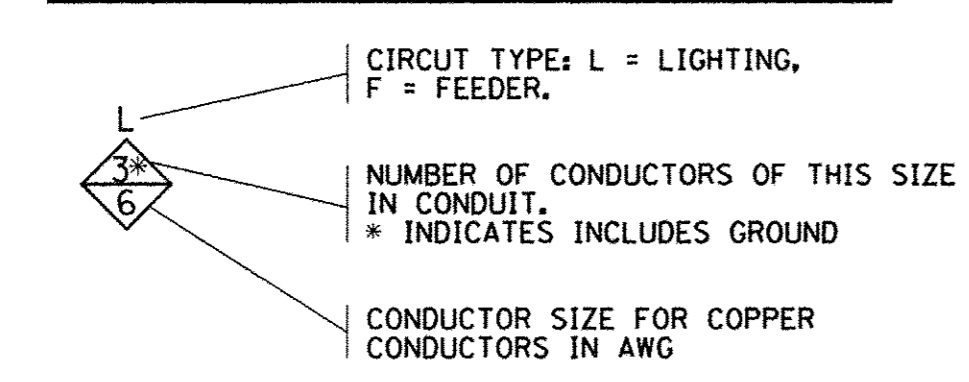


CIRCUIT DESIGNATION SCHEME



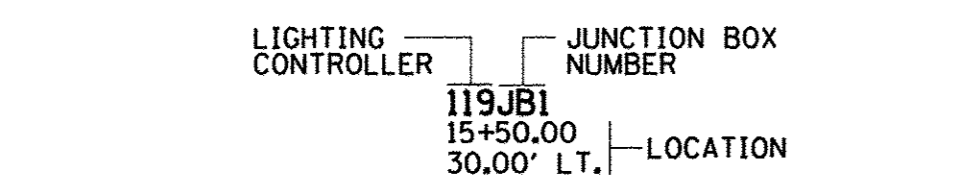
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (* AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
- (B) EXISTING CONCRETE FOUNDATION TO BE REMOVED COMPLETE.
- (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
- (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
- (E) REMOVE EXISTING CONDUCTORS BACK TO NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN. CUT OFF CONDUIT BELOW GRADE AND ABANDON IN PLACE.
- (G) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO REMAIN.
- (H) EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
- (I) SPLICE EXISTING ROADWAY LIGHTING CIRCUIT. REMOVE EXISTING CONDUCTORS BACK TO NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN. PROVIDE NEW JUNCTION BOX TO INTERCEPT EXISTING CONDUIT (PROVIDE NEW CONDUIT AS REQUIRED TO EXTEND CONDUIT TO NEW JUNCTION BOX). PULL WIRE FROM NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN BACK TO NEW JUNCTION BOX. PROVIDE SPLICE IN JUNCTION BOX. SPLICE SHALL BE IRREVERSIBLE COMPRESSION TYPE SEALED TO PREVENT MOISTURE PENETRATION.
- (J) EXISTING JUNCTION BOX TO REMAIN. MAINTAIN CONTINUITY OF EXISTING ROADWAY LIGHTING CIRCUIT PASSING THROUGH JUNCTION BOX.
- (N) PROVIDE COMPOSITE TYPE JUNCTION BOX FOR LIGHTING/POWER CONNECTION TO MTD BUS SHELTER. PROVIDE 2" CONDUIT TO REAR LEG OF SHELTER FOR LIGHTING/POWER WIRING. COORDINATE WITH SHELTER MANUFACTURER. CONNECT SHELTER LIGHTING TO ROADWAY LIGHTING CIRCUIT PASSING THROUGH JUNCTION BOX AND CONNECT SHELTER POWER TO FEEDER CIRCUIT.
- (O) PROVIDE TWO COMPOSITE TYPE JUNCTION BOXES FOR POWER AND COMMUNICATIONS CONNECTIONS TO MTD KIOSK. PROVIDE TWO 2" CONDUITS TO KIOSK FOR POWER AND COMMUNICATIONS WIRING. COORDINATE WITH KIOSK MANUFACTURER.
- (F) (K) (L) (M) NOT USED

FILE NAME = P:\0010720_MCORE\Plans\Sheets\Project3\3-sht-11ighting.dgn
 PLOT DATE = 8/24/2016 2:45:12 PM

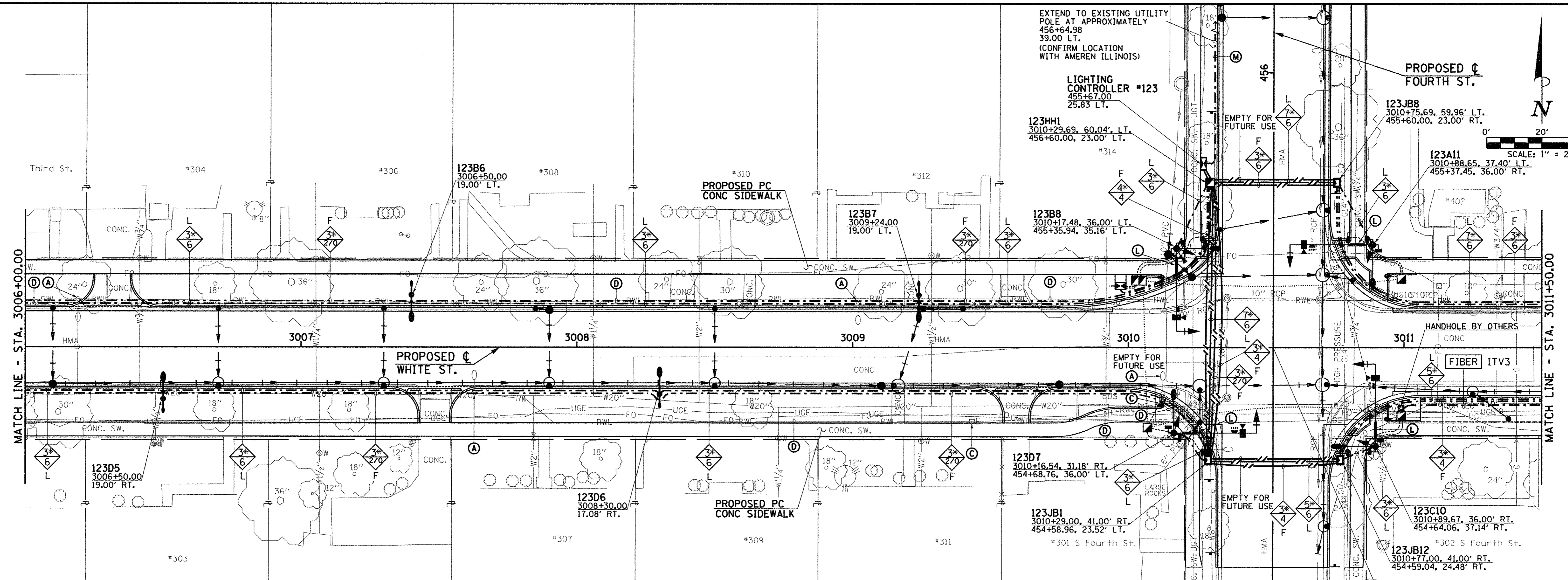
DESIGNED - M.L.S.	REVISED - M.L.S.
DRAWN - L.F.D.	REVISED - R.J.H.
CHECKED - L.M.Z.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - WHITE STREET

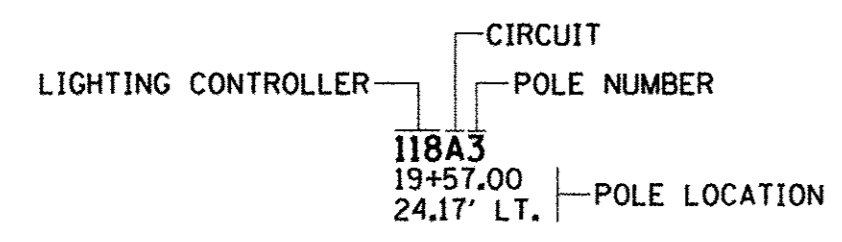
SCALE : 1"=20' SHEET NO. 301 OF 412 SHEETS STA. 3001+00.00 TO STA. 3006+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-0304-02-PV	CHAMPAIGN	412	301
MCORE PROJECT 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)				



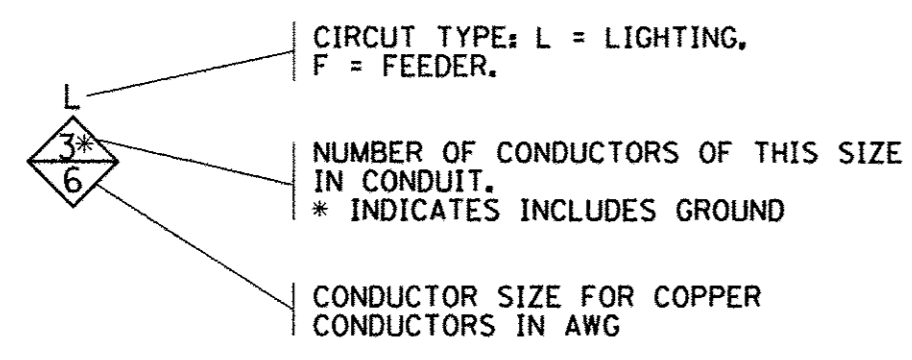
STA. 3010+52.59 (C WHITE ST.) =
STA. 455+00.00 (C FOURTH ST.)

CIRCUIT DESIGNATION SCHEME



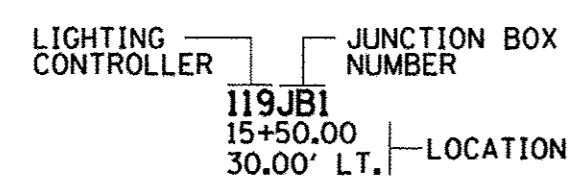
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35' TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (* AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
 - (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
 - (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
 - (F) REMOVE EXISTING OVERHEAD CONDUCTORS BACK TO NEAREST POLE.
 - (K) EXISTING HANDHOLE TO REMAIN.
 - (L) CONNECT ILLUMINATED STREET SIGN TO SAME ROADWAY LIGHTING CIRCUIT THAT IS SERVING ROADWAY LIGHTING LUMINAIRE ON THIS SIGNAL POLE.
 - (M) PROVIDE UNDERGROUND SERVICE CONSISTING OF 3*3/0, IN 2" PVC CONDUIT, EXTEND TO AMEREN ILLINOIS SERVICE POLE. COORDINATE WITH AMEREN ILLINOIS. SEE DETAIL.
- (B) (E) (G) (H) (I) (J) (N) (O) NOT USED

FILE NAME = p:\c0010720_mcore\plans\sheets\Project3\P3-sht-lighting.dgn
PLOT DATE = 4/25/2016 9:52:49 AM

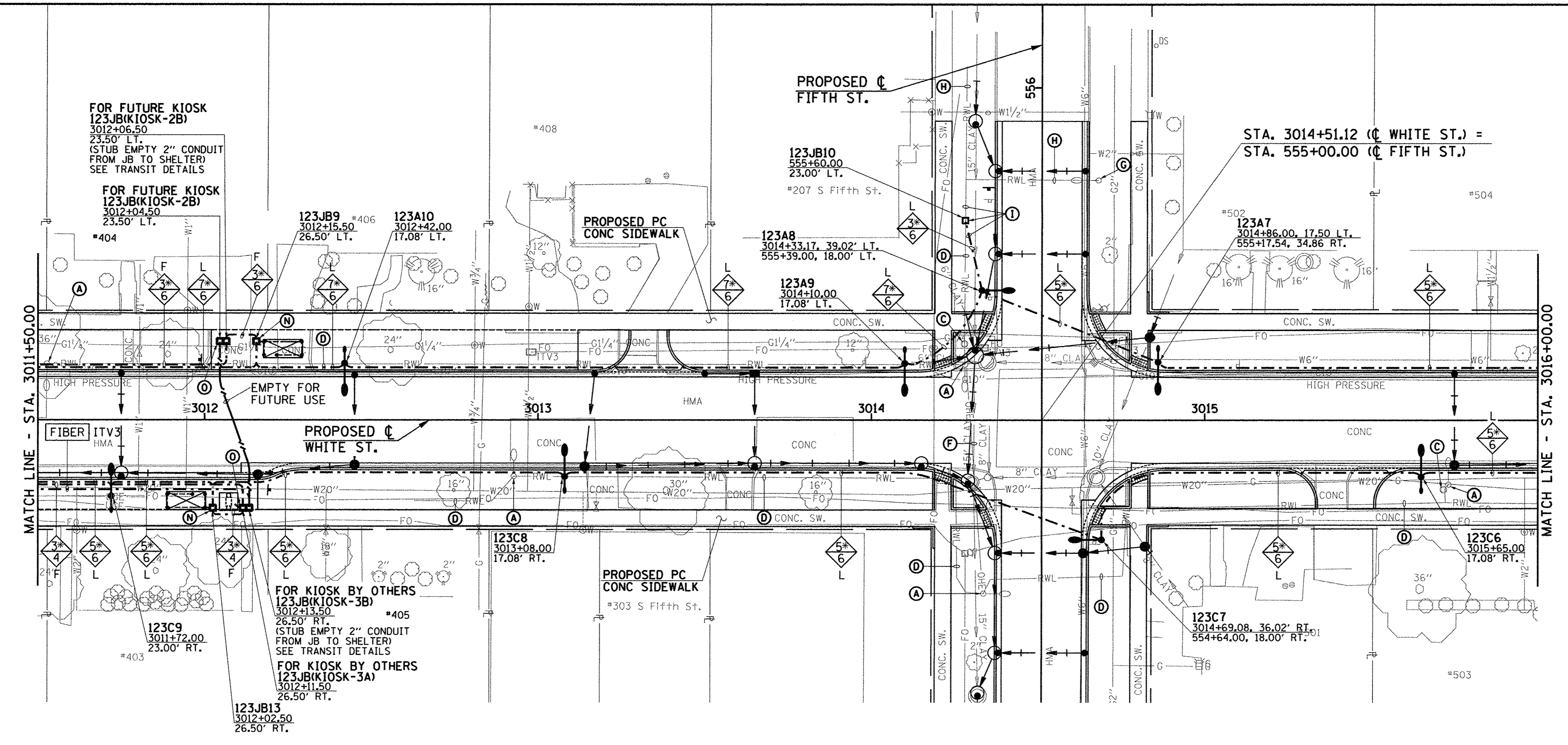
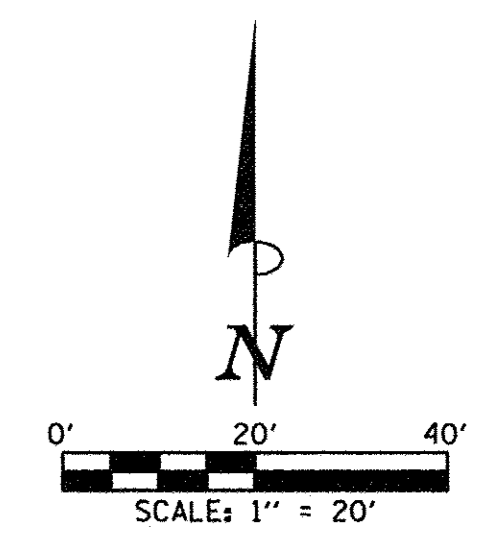
DESIGNED - M.L.S.	REVISED -
DRAWN - L.F.D.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

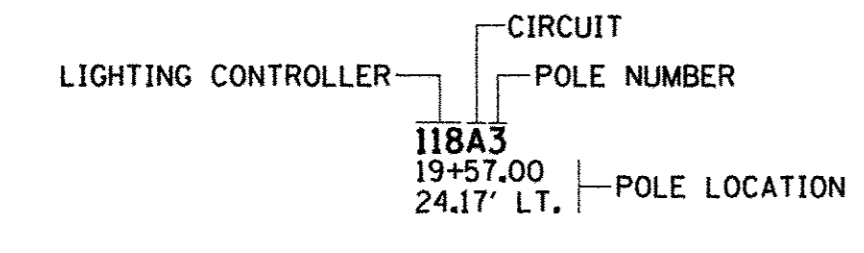
ROADWAY LIGHTING PLANS - WHITE STREET

SCALE : 1"=20' SHEET NO. 302 OF 412 SHEETS STA. 3006+00.00 TO STA. 3011+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00304-02-PV	CHAMPAIGN	412	302
MCORE PROJECT 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

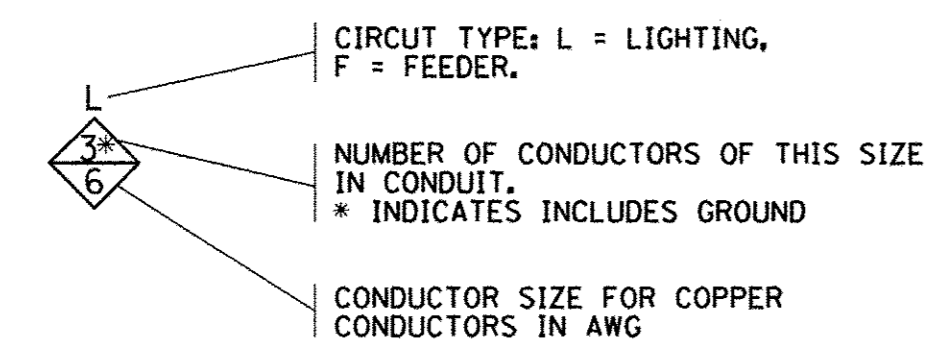


CIRCUIT DESIGNATION SCHEME



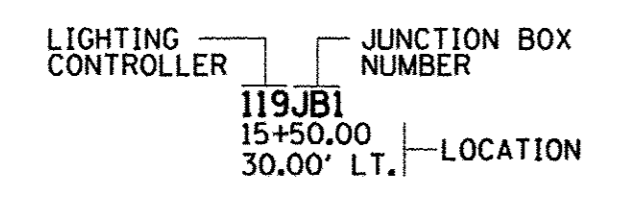
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

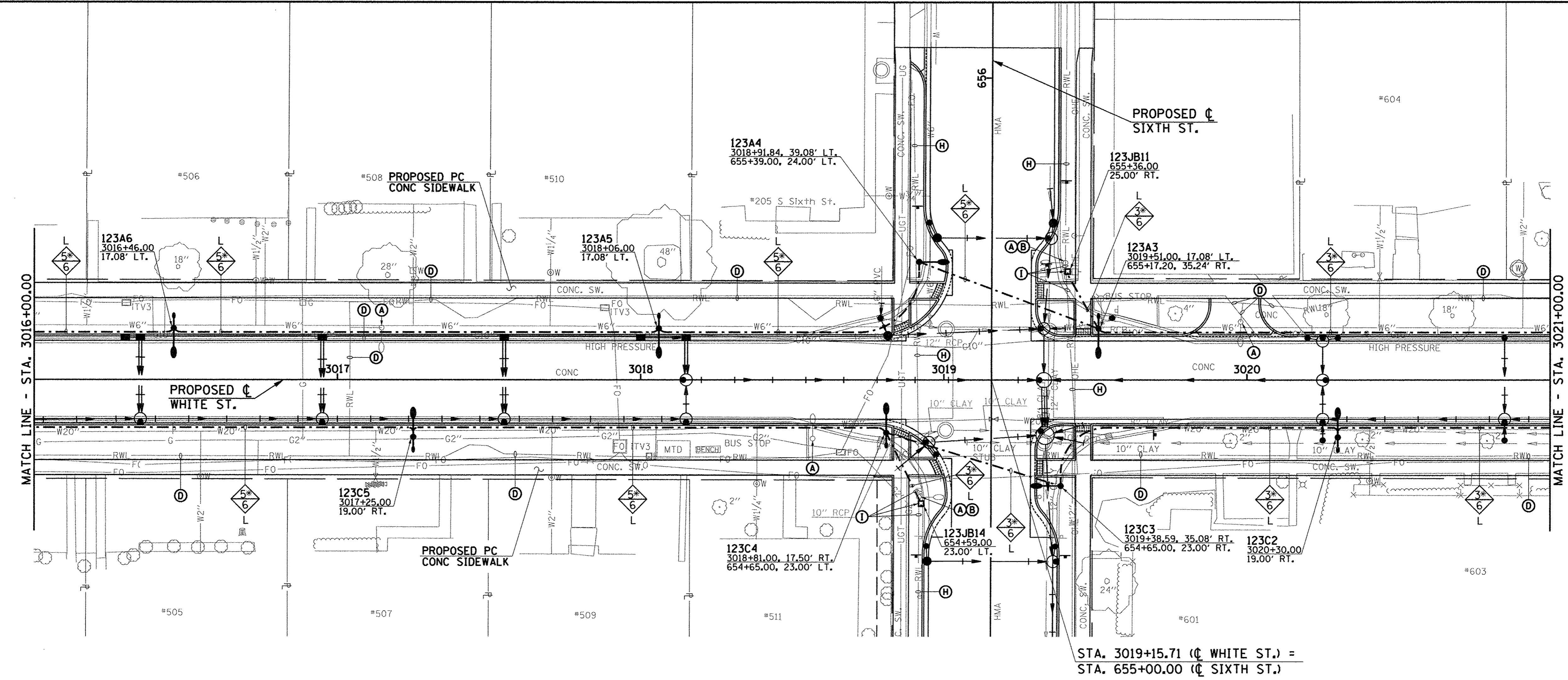
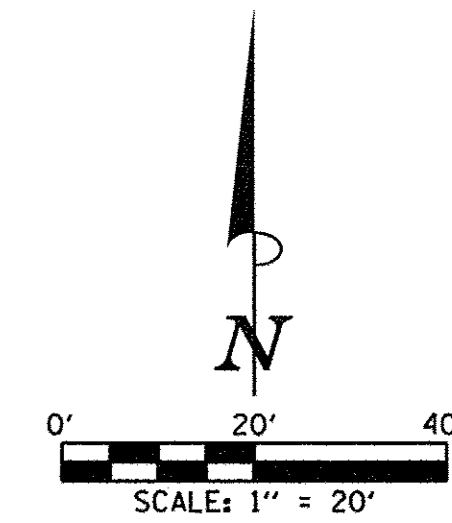
EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35" TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
- (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
- (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
- (F) REMOVE EXISTING OVERHEAD CONDUCTORS BACK TO NEAREST POLE.
- (G) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO REMAIN.
- (H) EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
- (I) SPLICE EXISTING ROADWAY LIGHTING CIRCUIT. REMOVE EXISTING CONDUCTORS BACK TO NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN. PROVIDE NEW JUNCTION BOX TO INTERCEPT EXISTING CONDUIT (PROVIDE NEW CONDUIT AS REQUIRED TO EXTEND CONDUIT TO NEW JUNCTION BOX). PULL WIRE FROM NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN BACK TO NEW JUNCTION BOX. PROVIDE SPLICE IN JUNCTION BOX. SPLICE SHALL BE IRREVERSIBLE COMPRESSION TYPE SEALED TO PREVENT MOISTURE PENETRATION.
- (N) PROVIDE COMPOSITE TYPE JUNCTION BOX FOR LIGHTING/POWER CONNECTION TO MTD BUS SHELTER. PROVIDE 2" CONDUIT TO REAR LEG OF SHELTER FOR LIGHTING/POWER WIRING. COORDINATE WITH SHELTER MANUFACTURER. CONNECT SHELTER LIGHTING TO ROADWAY LIGHTING CIRCUIT PASSING THROUGH JUNCTION BOX AND CONNECT SHELTER POWER TO FEEDER CIRCUIT.
- (O) PROVIDE TWO COMPOSITE TYPE JUNCTION BOXES FOR POWER AND COMMUNICATIONS CONNECTIONS TO MTD KIOSK. PROVIDE TWO 2" CONDUITS TO KIOSK FOR POWER AND COMMUNICATIONS WIRING. COORDINATE WITH KIOSK MANUFACTURER.
- (B) (E) (J) (K) (L) (M) NOT USED

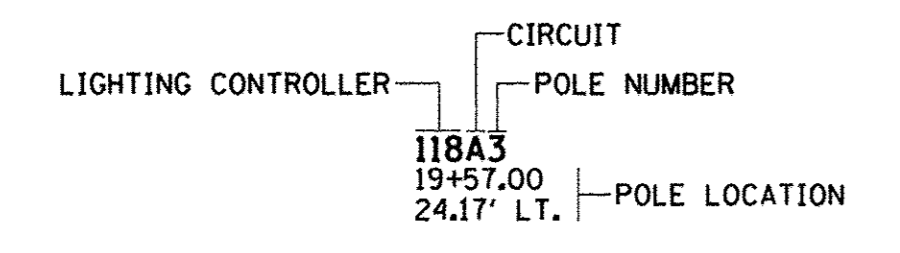


FILE NAME = P:\0010720_MCORE\Plans\Sheets\Project3\3-sht-lighting.dgn	DESIGNED - M.L.S.	REVISED - M.L.S.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY LIGHTING PLANS - WHITE STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT DATE = 8/24/2016 2:45:34 PM	DRAWN - L.F.D.	REVISED - R.J.H.		SCALE: 1"=20'	SHEET NO. 303 OF 412 SHEETS	STA. 3011+50.00 TO STA. 3016+00.00	15-00304-02-PV	CHAMPAIGN	412	303	
	CHECKED - L.M.Z.	REVISED - S.M.W.					MCORE PROJECT 3				CONTRACT NO. 91540
	DATE - MARCH 2016	REVISED - AUGUST 2016					JOB NO. C-95-306-16	ILLINOIS	FED. AID PROJECT TIG-51810581		



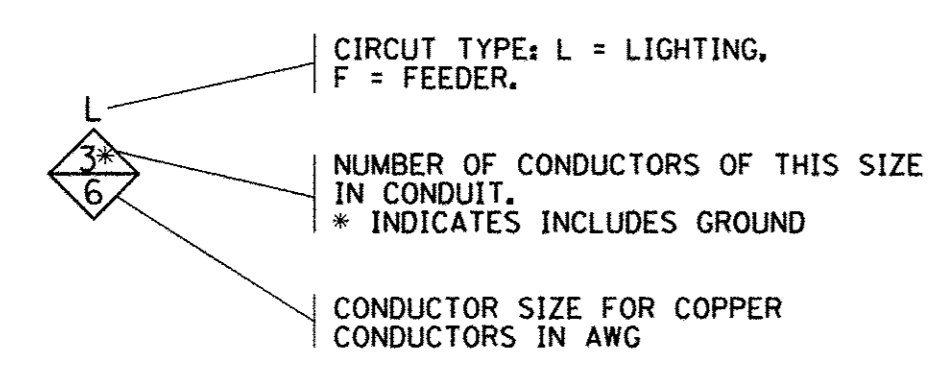
STA. 3019+15.71 (CL WHITE ST.) =
STA. 655+00.00 (CL SIXTH ST.)

CIRCUIT DESIGNATION SCHEME



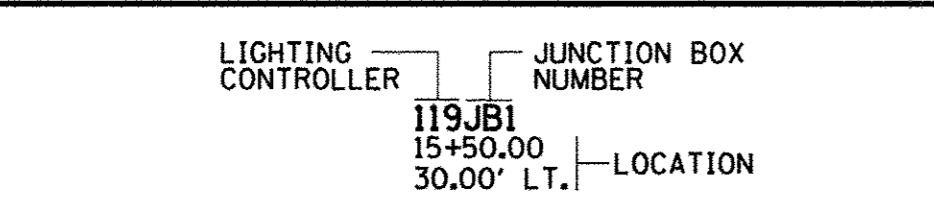
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS!)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4' ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35' TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (* AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
- (B) EXISTING CONCRETE FOUNDATION TO BE REMOVED COMPLETE.
- (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
- (H) EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
- (I) SPLICE EXISTING ROADWAY LIGHTING CIRCUIT, REMOVE EXISTING CONDUCTORS BACK TO NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN. PROVIDE NEW JUNCTION BOX TO INTERCEPT EXISTING CONDUIT (PROVIDE NEW CONDUIT AS REQUIRED TO EXTEND CONDUIT TO NEW JUNCTION BOX). PULL WIRE FROM NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN BACK TO NEW JUNCTION BOX. PROVIDE SPLICE IN JUNCTION BOX. SPLICE SHALL BE IRREVERSIBLE COMPRESSION TYPE SEALED TO PREVENT MOISTURE PENETRATION.
- (C) (E) (F) (G) (J) (K) (L) (M) (N) (O) NOT USED

FILE NAME = p:\00010720_MCORE\plans\sheets\Project3\PS-sht-lighting.dgn
PLOT DATE = 3/23/2016 4:57:33 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - L.F.D.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

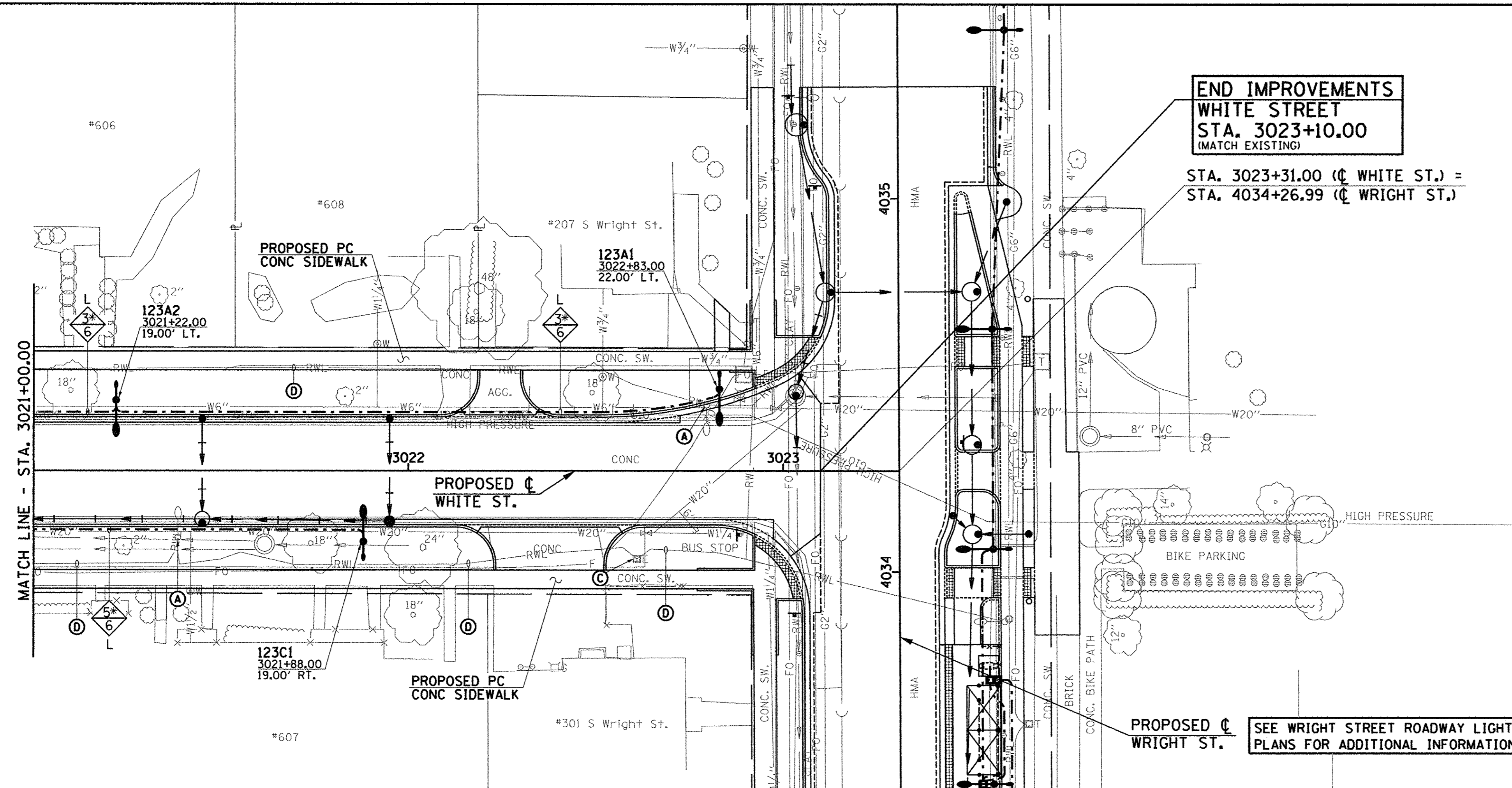
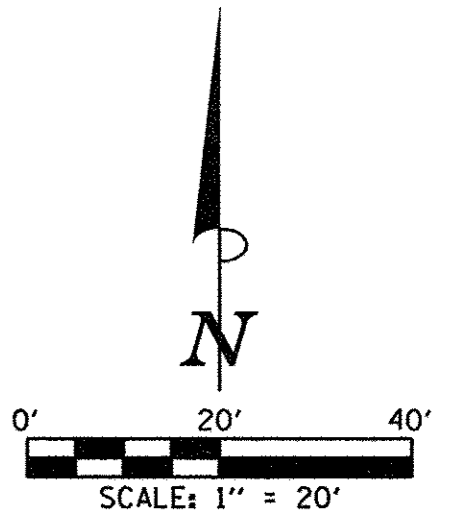
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - WHITE STREET

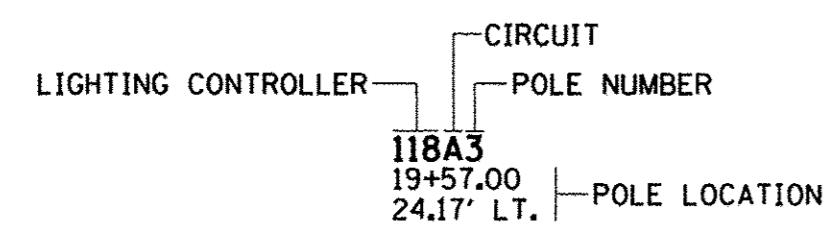
SCALE : 1"=20' SHEET NO. 304 OF 412 SHEETS STA. 3016+00.00 TO STA. 3021+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00304-02-PV	CHAMPAIGN	412	304
MCORE PROJECT 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)				



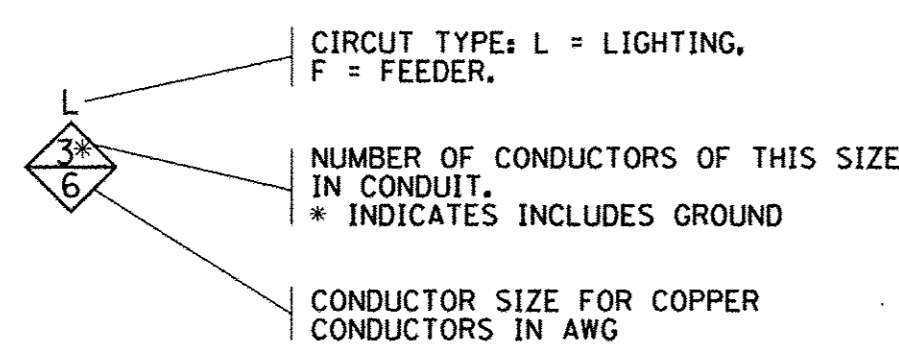


CIRCUIT DESIGNATION SCHEME



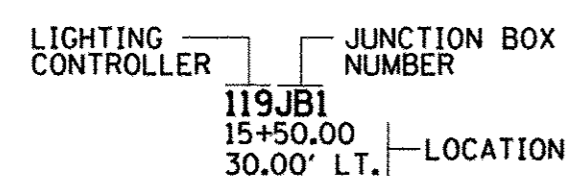
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35' TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (* AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
- (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
- (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
- (B) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) NOT USED

FILE NAME = p:\c0010720_mcore\plans\sheets\Project3\3-sht-lighting.dgn
 PLOT DATE = 4/25/2016 9:53:30 AM

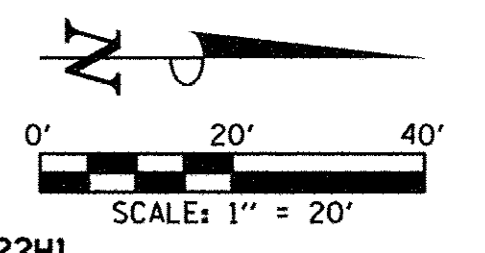
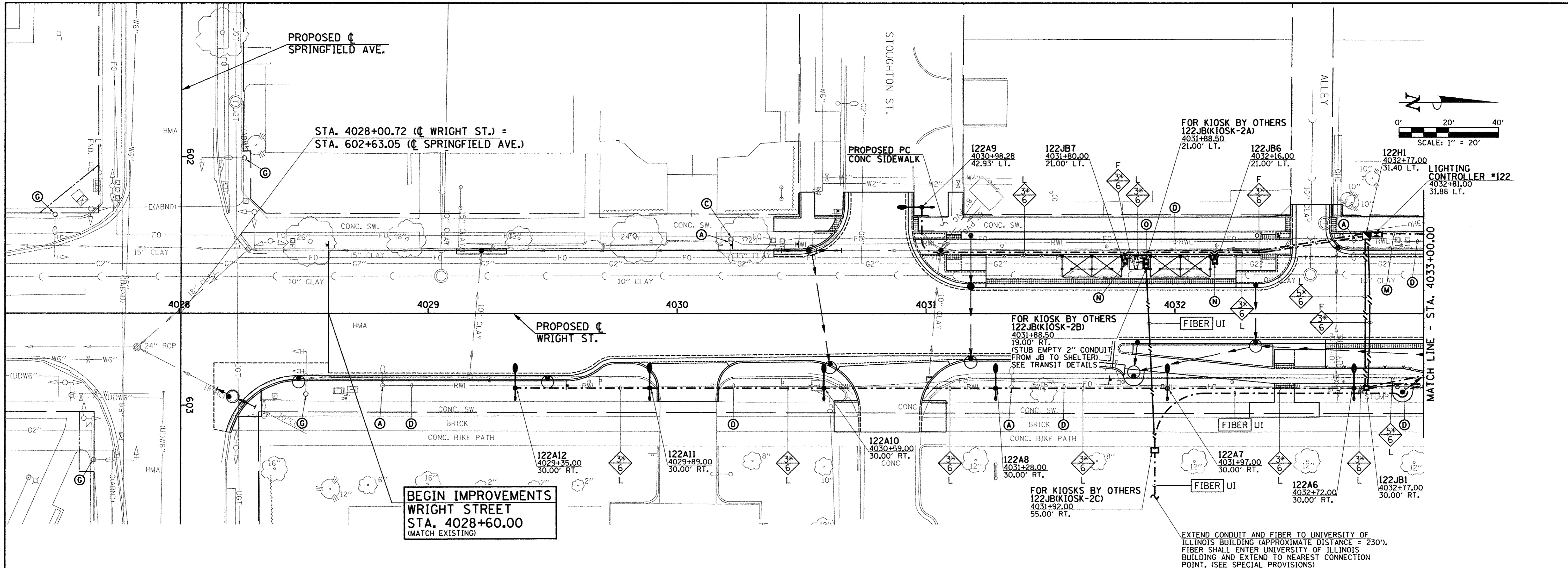
DESIGNED - M.L.S.	REVISED -
DRAWN - L.F.D.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

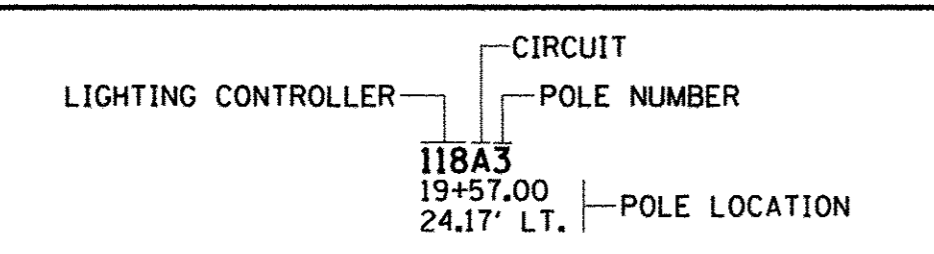
ROADWAY LIGHTING PLANS - WHITE STREET

SCALE : 1"=20' SHEET NO. 305 OF 412 SHEETS STA. 3021+00.00 TO STA. 3023+31.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00304-02-PV	CHAMPAIGN	412	305
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)			CONTRACT NO. 91540	

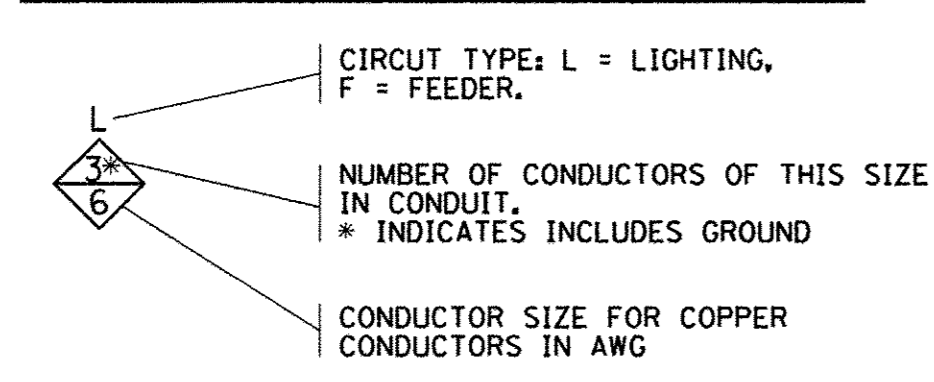


CIRCUIT DESIGNATION SCHEME



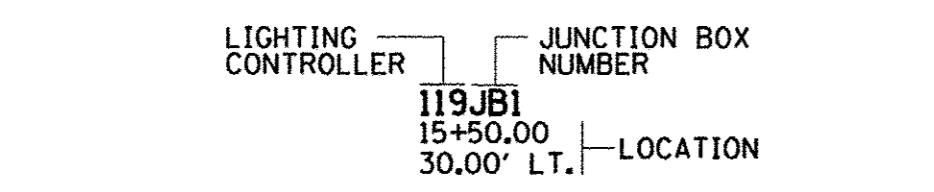
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35' TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8" ALUMINUM ARM MOUNTED ON 34" DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (* AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
 - (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
 - (D) EXISTING CONDUIT AND CONDUCTORS TO BE CUT OFF BELOW GRADE AND ABANDONED IN PLACE.
 - (E) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO REMAIN.
 - (M) PROVIDE UNDERGROUND SERVICE CONSISTING OF 3*3/0, IN 2" PVC CONDUIT. EXTEND TO AMEREN ILLINOIS SERVICE POLE. COORDINATE WITH AMEREN ILLINOIS. SEE DETAIL.
 - (N) PROVIDE COMPOSITE TYPE JUNCTION BOX FOR LIGHTING/POWER CONNECTION TO MTD BUS SHELTER. PROVIDE 2" CONDUIT TO REAR LEG OF SHELTER FOR LIGHTING/POWER WIRING. COORDINATE WITH SHELTER MANUFACTURER. CONNECT SHELTER LIGHTING TO ROADWAY LIGHTING CIRCUIT PASSING THROUGH JUNCTION BOX AND CONNECT SHELTER POWER TO FEEDER CIRCUIT.
 - (O) PROVIDE TWO COMPOSITE TYPE JUNCTION BOXES FOR POWER AND COMMUNICATIONS CONNECTIONS TO MTD KIOSK. PROVIDE TWO 2" CONDUITS TO KIOSK FOR POWER AND COMMUNICATIONS WIRING. COORDINATE WITH KIOSK MANUFACTURER.
- (B) (E) (F) (H) (I) (J) (K) (L) NOT USED

FILE NAME = P:\C0010720_MCORE\Plans\sheets\Project3\P3-sht-1lighting.dgn
 PLOT DATE = 8/24/2016 2:45:58 PM

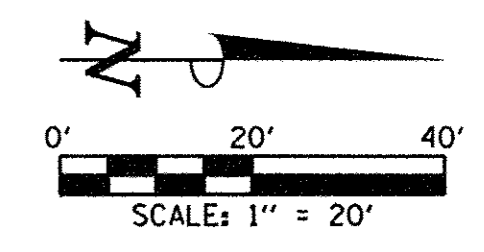
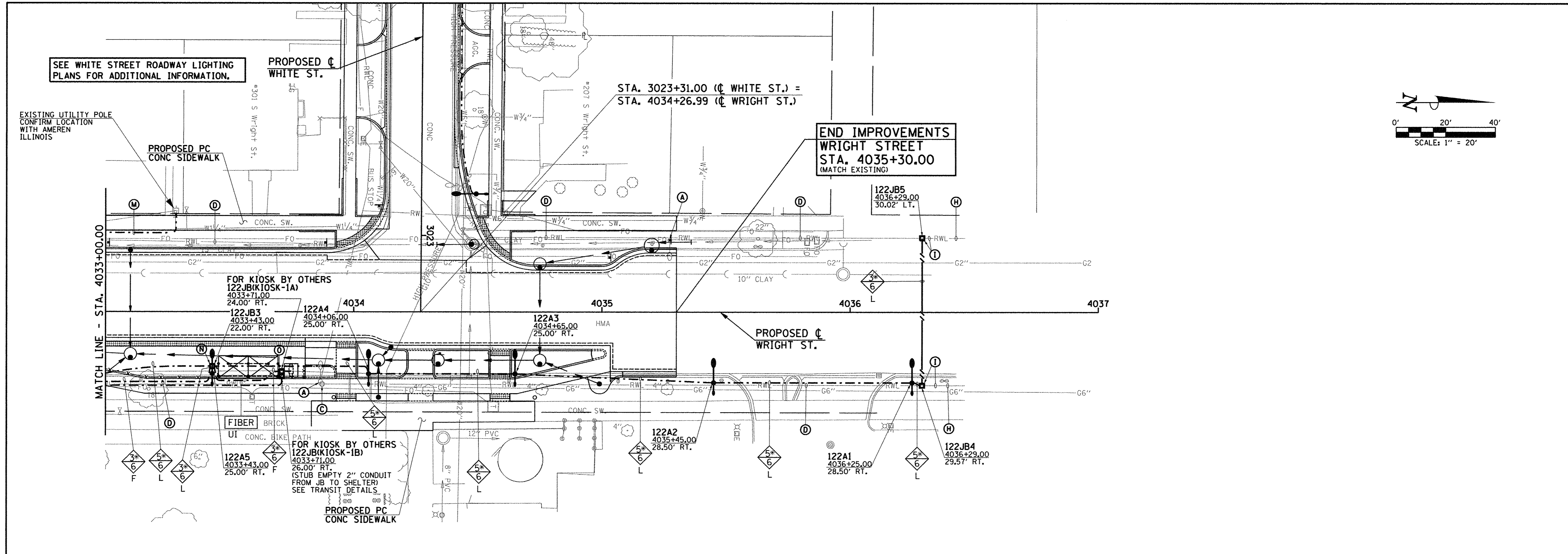
DESIGNED - M.L.S.	REVISED - M.L.S.
DRAWN - L.F.D.	REVISED - R.J.H.
CHECKED - L.M.Z.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

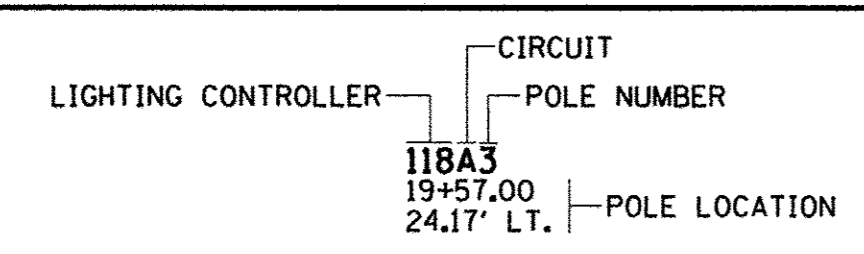
ROADWAY LIGHTING PLANS - WRIGHT STREET

SCALE: 1"=20' SHEET NO. 306 OF 412 SHEETS STA. 4028+00.00 TO STA. 4033+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00304-02-PV	CHAMPAIGN	412	306
MCORE PROJECT 3		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T1G-5181(058)				

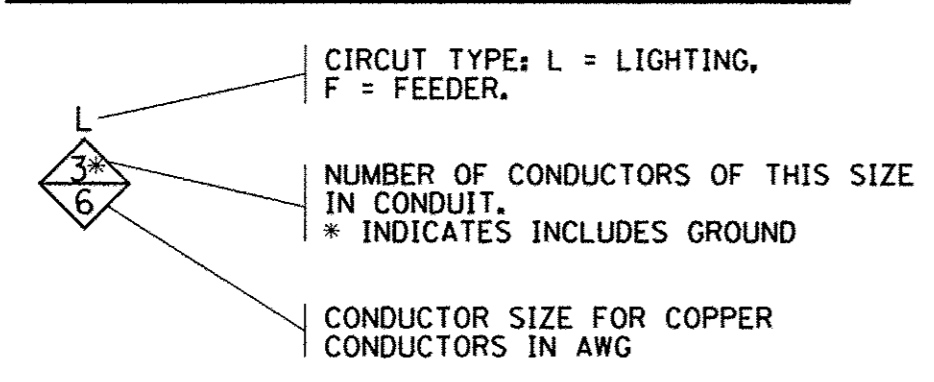


CIRCUIT DESIGNATION SCHEME



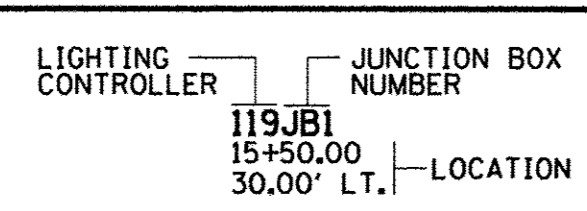
NOTE:
THE CONTRACTOR SHALL PROVIDE A PERMANENT STICKER INSIDE HAND HOLE OF EACH LIGHT POLE INDICATING THE LIGHTING CONTROLLER, CIRCUIT AND POLE NUMBER.

CONDUCTOR SYMBOL SCHEME



FIBER SINGLE MODE/MULTI-MODE FIBER OPTIC CABLE WITH SERVICE PROVIDER AS SHOWN (SEE SPECIAL PROVISIONS)

JUNCTION BOX DESIGNATION SCHEME



ROADWAY LIGHTING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		COMBINATION DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM AND DECORATIVE PEDESTRIAN LUMINAIRE WITH DECORATIVE 4' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL LIGHT UNIT, COMPLETE) WITH CONCRETE FOUNDATION
		DECORATIVE ROADWAY LUMINAIRE WITH DECORATIVE 15' STEEL ARM MOUNTED ON 35' TRAFFIC SIGNAL POLE PER SPECIAL PROVISIONS
		DECORATIVE LUMINAIRE WITH DECORATIVE 8' ALUMINUM ARM MOUNTED ON 34' DECORATIVE ALUMINUM POLE PER SPECIAL PROVISIONS (ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE) WITH CONCRETE FOUNDATION.
		ROADWAY LIGHTING UNIT WITH HIGH PRESSURE SODIUM TYPE LUMINAIRE AND POLE
		PEDESTRIAN LIGHTING UNIT WITH INDUCTION TYPE LUMINAIRE AND POLE
		PORTLAND CEMENT CONCRETE HANDHOLE
		PROPOSED LIGHTING CONTROLLER (# AS NOTED)
		COMPOSITE TYPE JUNCTION BOX, SPECIAL (12"W x 12"L x 12"D)
		GULF BOX JUNCTION, COMPOSITE CONCRETE (13"W x 24"L x 12"D)
		2" PVC CONDUIT (SCHEDULE 80), AUGURED
		2" PVC CONDUIT (SCHEDULE 40), TRENCHED
		UNDERGROUND CONDUIT
		OVERHEAD ELECTRICAL CONDUCTORS

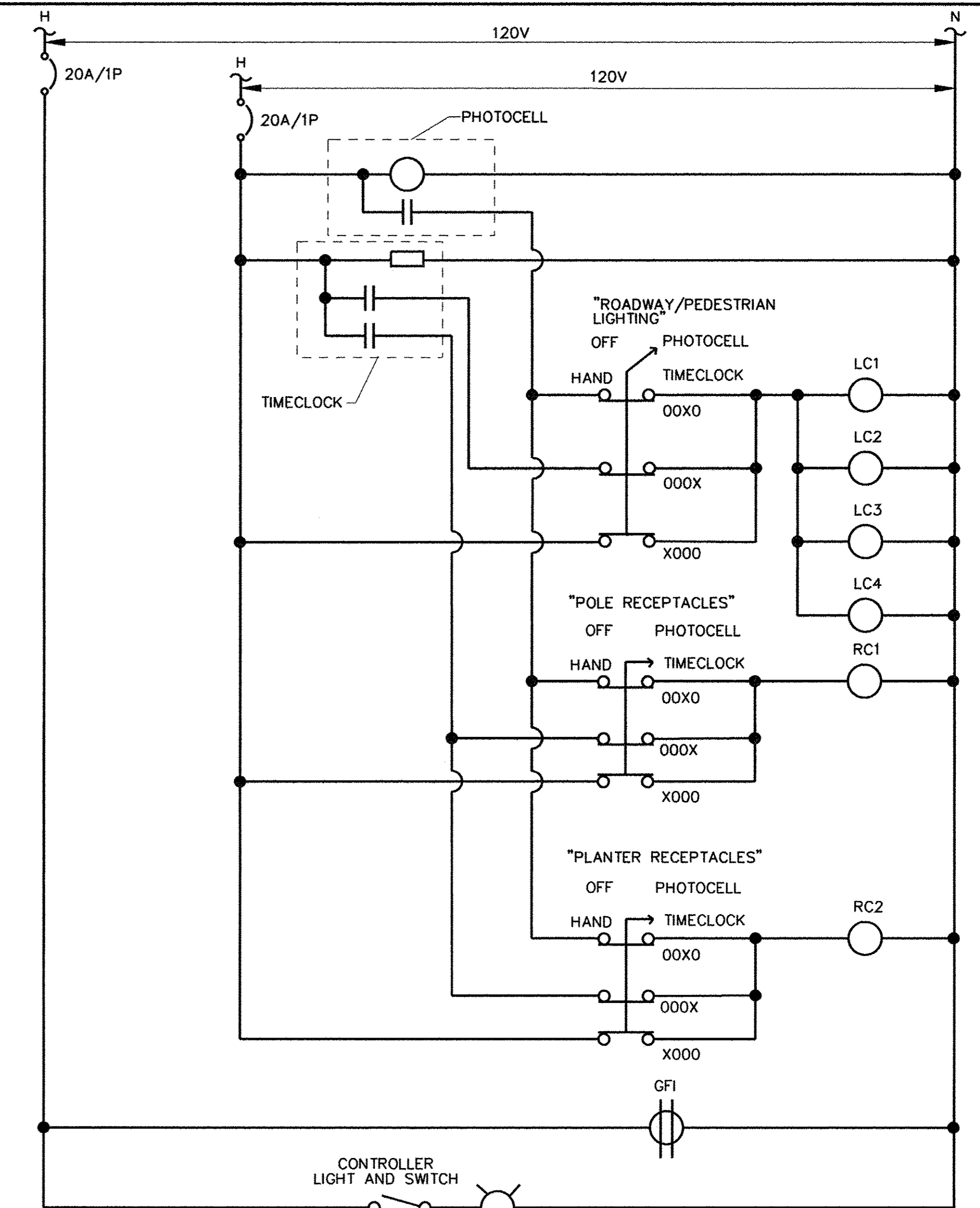
KEYED NOTES (THIS SHEET)

- (A) EXISTING LIGHTING UNIT (POLE AND LUMINAIRE) TO BE REMOVED COMPLETE.
 - (C) EXISTING HANDHOLE OR JUNCTION BOX TO BE REMOVED COMPLETE.
 - (D) EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
 - (I) SPLICE EXISTING ROADWAY LIGHTING CIRCUIT. REMOVE EXISTING CONDUCTORS BACK TO NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN. PROVIDE NEW JUNCTION BOX TO INTERCEPT EXISTING CONDUIT (PROVIDE NEW CONDUIT AS REQUIRED TO EXTEND CONDUIT TO NEW JUNCTION BOX). PULL WIRE FROM NEAREST JUNCTION BOX OR LIGHTING UNIT TO REMAIN BACK TO NEW JUNCTION BOX. PROVIDE SPLICE IN JUNCTION BOX. SPLICE SHALL BE IRREVERSIBLE COMPRESSION TYPE SEALED TO PREVENT MOISTURE PENETRATION.
 - (M) PROVIDE UNDERGROUND SERVICE CONSISTING OF 3*3/0, IN 2" PVC CONDUIT. EXTEND TO AMEREN ILLINOIS SERVICE POLE. COORDINATE WITH AMEREN ILLINOIS. SEE DETAIL.
 - (N) PROVIDE COMPOSITE TYPE JUNCTION BOX FOR LIGHTING/POWER CONNECTION TO MTD BUS SHELTER. PROVIDE 2" CONDUIT TO REAR LEG OF SHELTER FOR LIGHTING/POWER WIRING. COORDINATE WITH SHELTER MANUFACTURER. CONNECT SHELTER LIGHTING TO ROADWAY LIGHTING CIRCUIT PASSING THROUGH JUNCTION BOX AND CONNECT SHELTER POWER TO FEEDER CIRCUIT.
 - (O) PROVIDE TWO COMPOSITE TYPE JUNCTION BOXES FOR POWER AND COMMUNICATIONS CONNECTIONS TO MTD KIOSK. PROVIDE TWO 2" CONDUITS TO KIOSK FOR POWER AND COMMUNICATIONS WIRING. COORDINATE WITH KIOSK MANUFACTURER.
- (B) (E) (F) (G) (H) (J) (K) (L) NOT USED

FILE NAME = P:\C0010720_MCORE\Plans\sheets\Project3\19-sht-11ghting.dgn	DESIGNED - M.L.S.	REVISED - M.L.S.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY LIGHTING PLANS - WRIGHT STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = 8/24/2016 2:46:21 PM	DRAWN - L.F.D.	REVISED - R.J.H.		15-00304-02-PV	CHAMPAIGN	412	307			
	CHECKED - L.M.Z.	REVISED - S.M.W.		MCORE PROJECT 3		CONTRACT NO. 91540				
	DATE - MARCH 2016	REVISED - AUGUST 2016		SCALE : 1"=20'	SHEET NO. 307 OF 412 SHEETS	STA. 4033+00.00 TO STA. 4037+00.00	JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T1G-51810581			

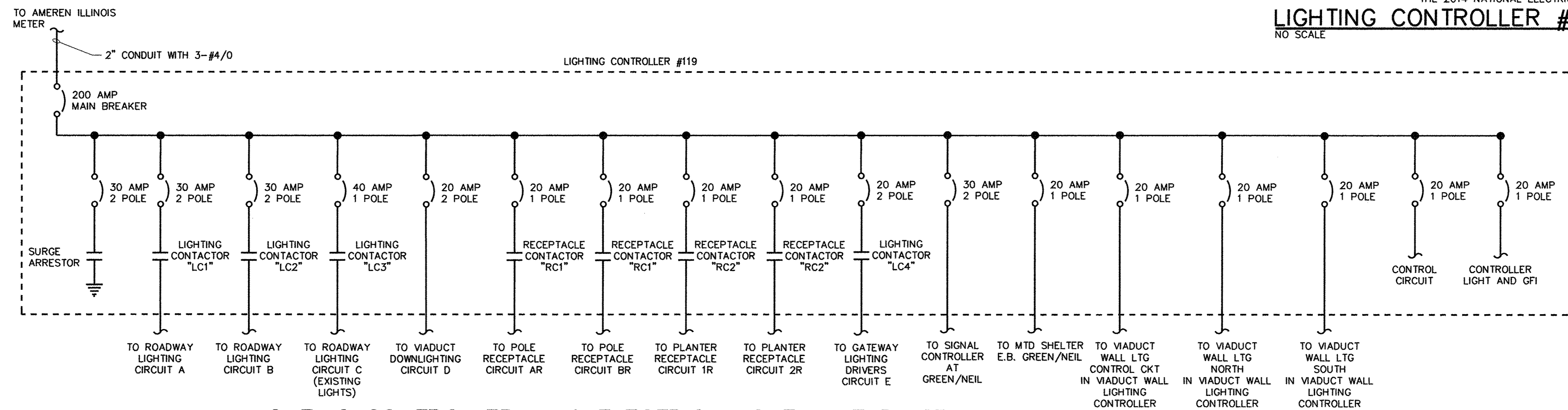


LIGHTING CONTROLLER #119 PANELBOARD SCHEDULE											
PANELBOARD LIGHTING		MAIN 200 AMP CIRCUIT BREAKER				LOCATION: GREEN ST. STA. 14+05.00, 24.00' LT.					
VOLTAGE 120/240		BUS RATING 200 AMPS									
PHASE/WIRE 1PH/3W		MOUNTING INTERIOR ONLY									
DESCRIPTION	CKT. NO.	LOAD (VA)		AMPS/POLES	CKT. BKR.	CKT. BKR.	AMPS/POLES	LOAD (VA)		CKT. NO.	DESCRIPTION
		A	B					A	B		
SURGE ARRESTOR	1	0		30/2			30/2	609		2	ROADWAY LIGHTING CIRCUIT A
	3		0						609	4	
ROADWAY LIGHTING CIRCUIT B	5	323		30/2			40/1	3300		6	ROADWAY LIGHTING CIRCUIT C
	7		323				20/1	1500		8	
VIADUCT WALL LTG - NORTH	9	1200		20/1			20/2	250		10	GATEWAY SIGN LIGHTING CIRCUIT E
VIADUCT WALL LTG - SOUTH	11		1200	20/1					250	12	
PLANTER RECEPT CIRCUIT 1R	13	750		20/1			20/1	720		14	POLE RECEPT CIRCUIT AR
PLANTER RECEPT CIRCUIT 2R	15		750	20/1			20/1	720		16	POLE RECEPT CIRCUIT BR
SIGNAL CONTROLLER AT GREEN/NEIL	17	1500		30/2			20/1	250		18	CONTROL CIRCUIT
	19		1500				20/1	250		20	CONTROLLER LIGHT & GFI
MTD SHELTER - E.B. GREEN/NEIL	21	250		20/1			20/2	85		22	VIADUCT DOWNLIGHTING CIRCUIT D
SPACE	23	0						85		24	
SPACE	25	0						0		26	SPACE
SPACE	27	0						0		28	SPACE
SPACE	29	0						0		30	SPACE
SPACE	31	0						0		32	SPACE
SPACE	33	0						0		34	SPACE
SPACE	35	0						0		36	SPACE
SPACE	37	0						0		38	SPACE
SPACE	39	0						0		40	SPACE
SUBTOTAL "A"		4023						5214			
SUBTOTAL "B"				3773						3414	
TOTAL VOLT-AMPERES A & B:		16,424									



NOTE:
GROUND WIRE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL GROUND ALL EQUIPMENT IN THE LIGHTING CONTROL CABINET AS REQUIRED BY THE 2014 NATIONAL ELECTRICAL CODE.

LIGHTING CONTROLLER #119 CONTROL DIAGRAM
NO SCALE



LIGHTING CONTROLLER #119 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\12-sht-1-lighting.dgn
PLOT DATE = 3/23/2016 4:57:41 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

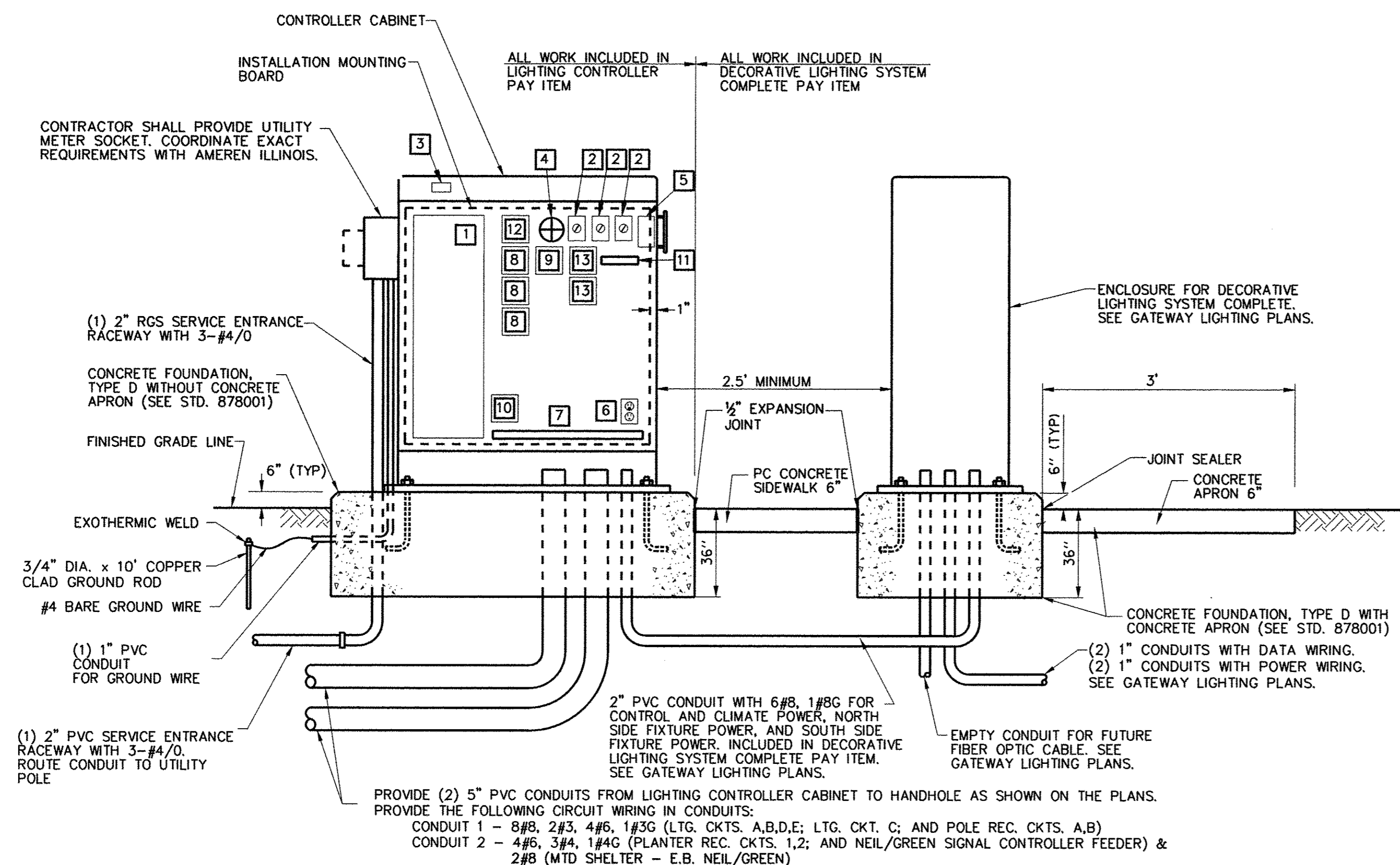
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 308 OF 412 SHEETS STA. TO STA.

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 308
JOB NO. C-95-306-16		ILLINOIS FED. AID PROJECT TIG-51810581		

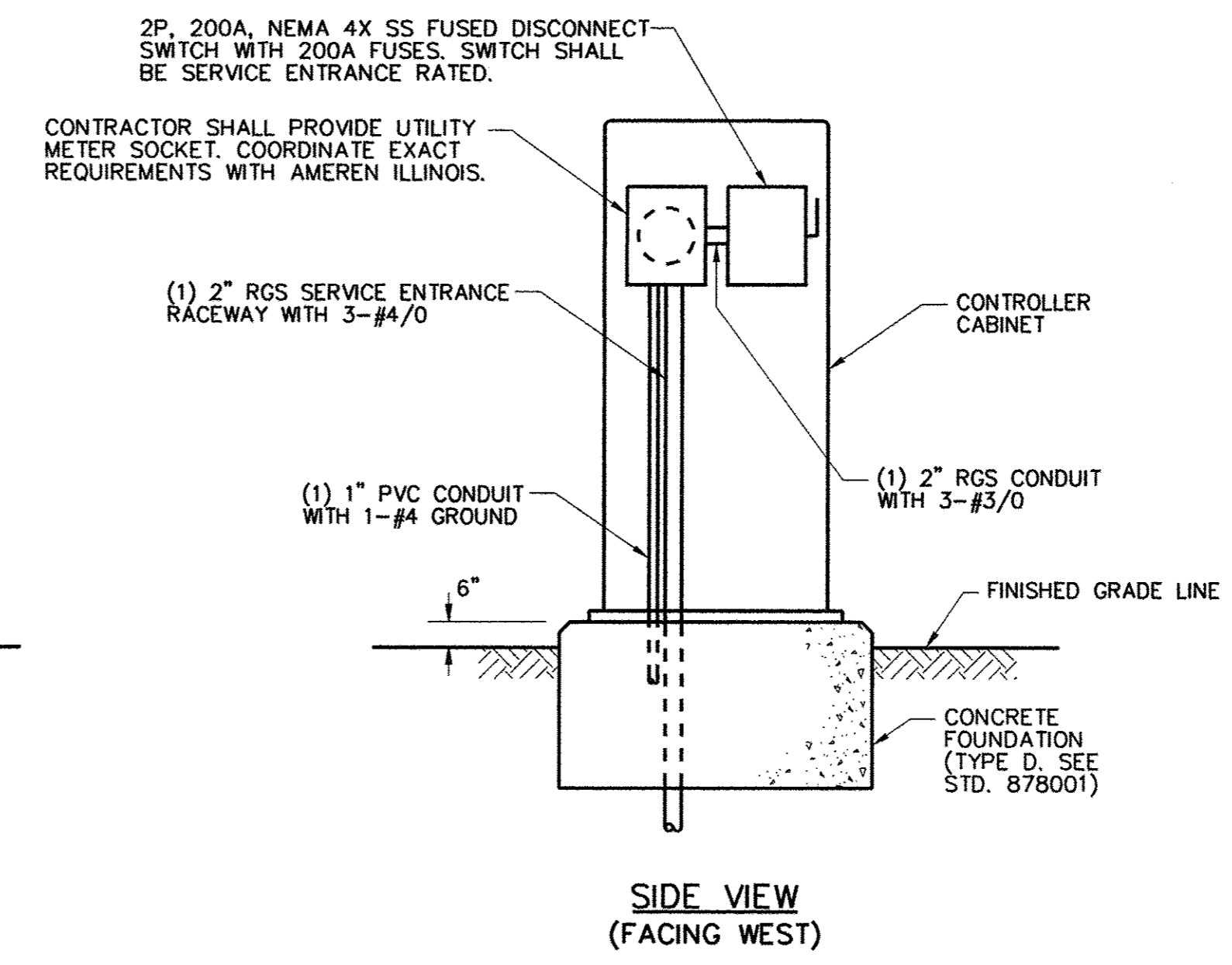
Clark Dietz
ENGINEERS



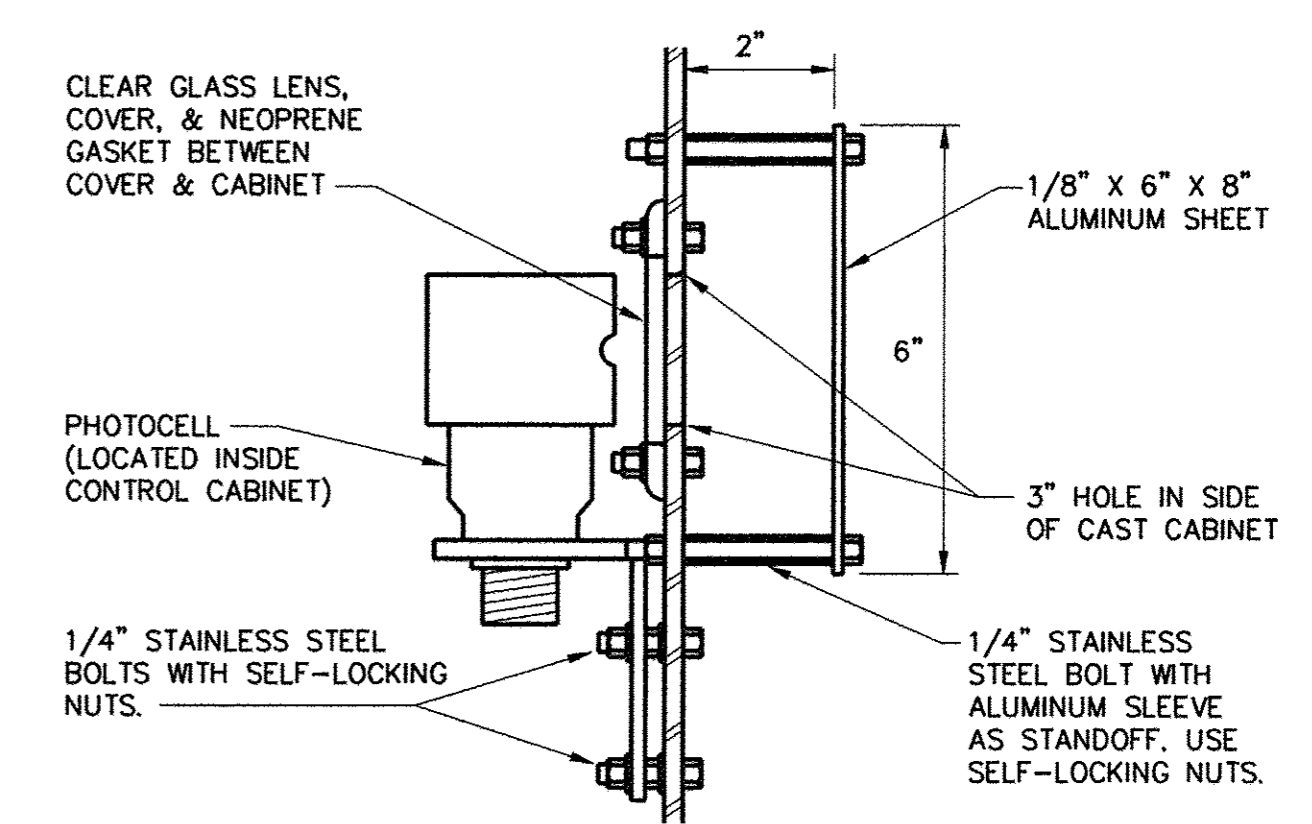
**FRONT VIEW
(FACING SOUTH)**

**CONTROL CABINET, FOUNDATION, AND DIAGRAMMATIC ASSEMBLY DETAIL
LIGHTING CONTROLLER #119 AND ENCLOSURE FOR DECORATIVE LIGHTING
SYSTEM COMPLETE**

NO SCALE



LIGHTING CONTROLLER #119 BILL OF MATERIALS		
QTY	ITEM	DESCRIPTION
1	1	200A, 120/240V, 1ø, 40 CIRCUIT PANELBOARD (INTERIOR ONLY, NO PANEL TUB), QUANTITY OF BREAKERS AS SHOWN IN PANELBOARD SCHEDULE.
3	2	HAND-OFF-PHOTO-TIMER SELECTOR SWITCH WITH LEGEND PLATE.
1	3	120 VAC, 20A, 1P PLUNGERTYPE SWITCH FOR CONTROLLER LIGHT, DOOR ACTIVATED.
1	4	INCANDESCENT LIGHT FIXTURE WITH CLEAR GLOBE AND PROTECTIVE GUARD. PROVIDE 60WATT, 130VAC LAMP.
1	5	PHOTOCELL SWITCH WITH LOCKING TYPE RECEPTACLE AND INTEGRAL SURGE ARRESTORS. PHOTOCELL SHALL BE CABINET MOUNTED AND SHIELDED FROM SURROUNDING LIGHT SOURCES, WITH TIME DELAY RELAY TO PREVENT NOISANCE SWITCHING. (SEE PHOTOCELL DETAIL).
1	6	DUPLEX RECEPTACLE, 120VAC, 20A, GFCI TYPE.
1	7	TERMINAL STRIPS. QUANTITY AS REQUIRED FOR INCOMING WIRING PLUS 100% SPARE TERMINALS. PROVIDE SEPARATE TERMINAL STRIPS FOR POWER, NEUTRAL AND GROUND WIRING AS REQUIRED.
2	8	LIGHTING CONTACTOR (LC1, LC2, LC4), 30A, 240VAC, 4 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	9	LIGHTING CONTACTOR (LC3), 60A, 240VAC, 2 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	10	SURGE ARRESTOR.
1	11	CONTROL WIRING TERMINAL BLOCK.
1	12	ASTRONOMICAL TIME CLOCK WITH BATTERY MEMORY BACKUP. ONE CIRCUIT TO CONTROL LIGHTING CONTACTORS AND ONE CIRCUIT TO CONTROL RECEPTACLE CONTACTORS.
2	13	RECEPTACLE CONTACTOR (RC1, RC2), 30A, 240VAC, 10 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.



PHOTOCELL DETAIL

NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheet\Project2\p2-sht-lighting.dgn
PLOT DATE = 3/23/2016 4:57:42 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

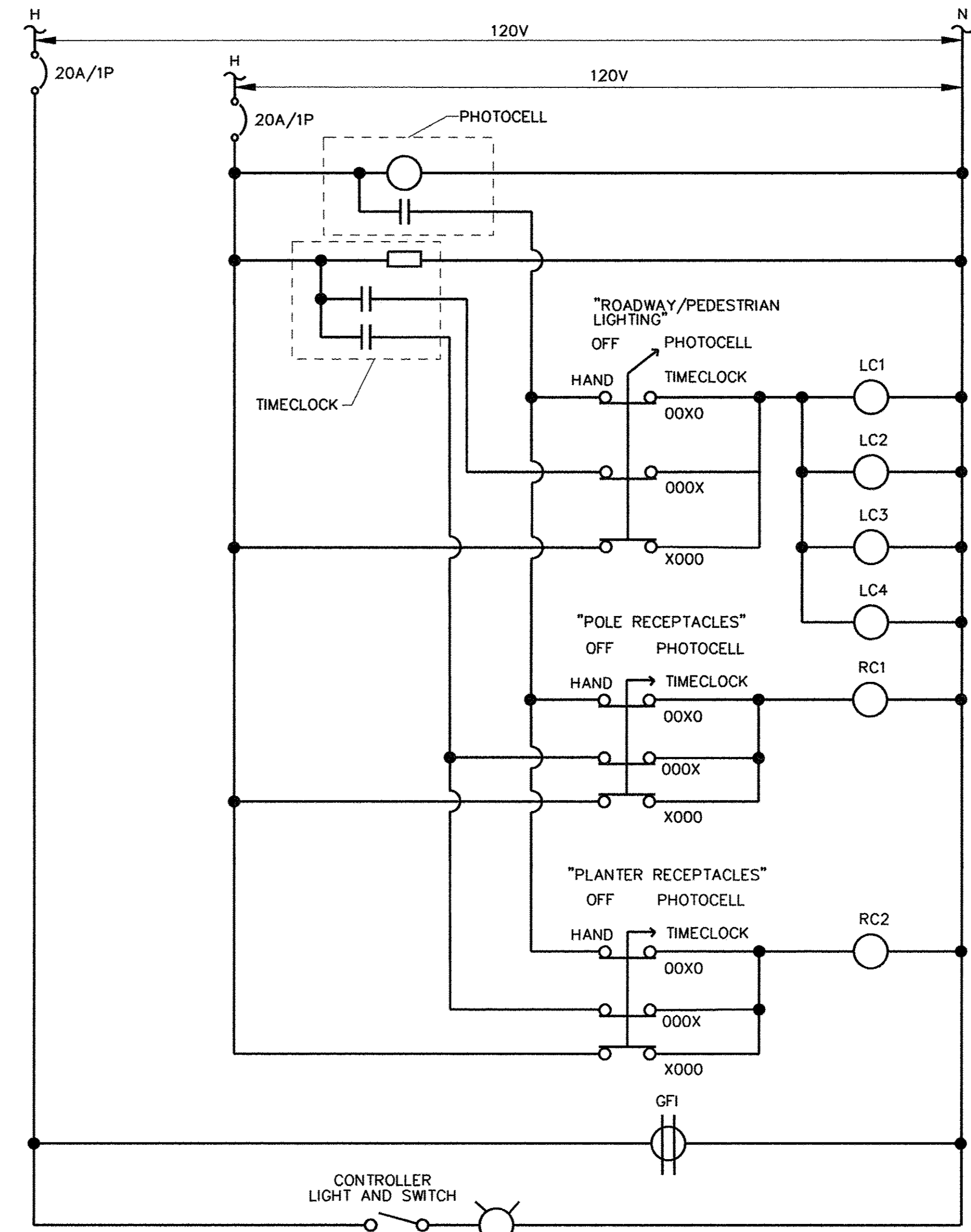
ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 309 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	309
MCORE PROJECT 2 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

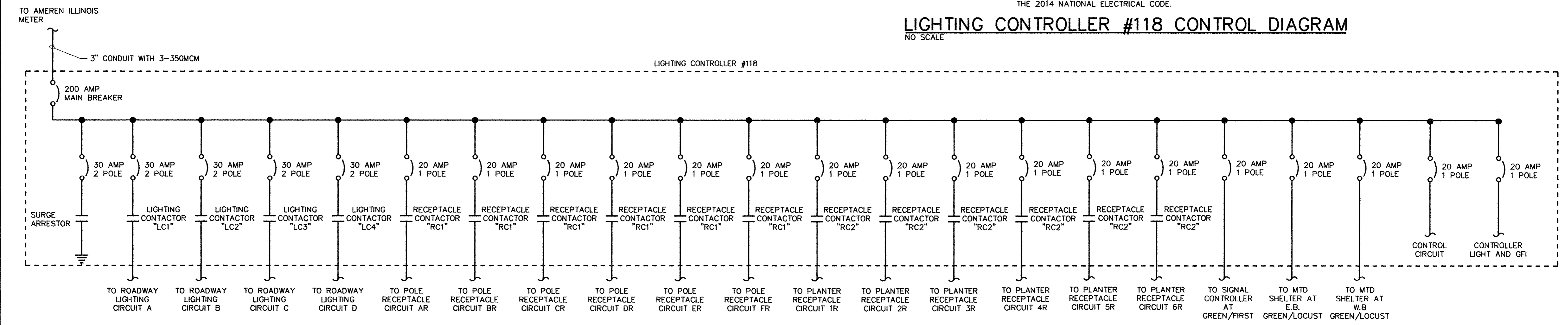


LIGHTING CONTROLLER #118 PANELBOARD SCHEDULE										
PANELBOARD LIGHTING		MAIN 200 AMP CIRCUIT BREAKER			LOCATION: GREEN ST. STA. 20+56.00, 24.00' LT.					
VOLTAGE 120/240		BUS RATING 200 AMPS								
PHASE/WIRE 1PH/3W		MOUNTING INTERIOR ONLY								
DESCRIPTION	CKT. NO.	LOAD (VA)	AMPS/POLES	CKT. BKR.	CKT. BKR.	AMPS/POLES	LOAD (VA)	CKT. NO.	DESCRIPTION	
SURGE ARRESTOR	1	0				30/2	1316	2	ROADWAY LIGHTING CIRCUIT A	
	3	0				30/2	1316	4		
ROADWAY LIGHTING CIRCUIT B	5	744				30/2	646	6	ROADWAY LIGHTING CIRCUIT C	
	7	744				30/2	646	8		
ROADWAY LIGHTING CIRCUIT D	9	1173				20/1	720	10	POLE RECEP CIRCUIT AR	
	11	1173				20/1	720	12		POLE RECEP CIRCUIT BR
PLANTER RECEP CIRCUIT 1R	13	750				20/1	1080	14	POLE RECEP CIRCUIT CR	
PLANTER RECEP CIRCUIT 2R	15	1500				20/1	720	16	POLE RECEP CIRCUIT DR	
PLANTER RECEP CIRCUIT 3R	17	1500				20/1	900	18	POLE RECEP CIRCUIT ER	
PLANTER RECEP CIRCUIT 4R	19	750				20/1	900	20	POLE RECEP CIRCUIT FR	
PLANTER RECEP CIRCUIT 5R	21	1500				20/1	250	22	CONTROL CIRCUIT	
PLANTER RECEP CIRCUIT 6R	23	1500				20/1	250	24	CONTROLLER LIGHT & GFI	
SIGNAL CONTROLLER AT GREEN/FIRST	25	1500				20/1	250	26	MTD SHELTER - E.B. GREEN/LOCUST	
	27	1500				20/1	250	28		MTD SHELTER - W.B. GREEN/LOCUST
SPACE	29	0					0	30	SPACE	
SPACE	31	0					0	32	SPACE	
SPACE	33	0					0	34	SPACE	
SPACE	35	0					0	36	SPACE	
SPACE	37	0					0	38	SPACE	
SPACE	39	0					0	40	SPACE	
SUBTOTAL "A"		7167					5162			
SUBTOTAL "B"			7167				4802			
TOTAL VOLT-AMPERES A & B: 24,298										



NOTE:
GROUND WIRE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL GROUND ALL EQUIPMENT IN THE LIGHTING CONTROL CABINET AS REQUIRED BY THE 2014 NATIONAL ELECTRICAL CODE.

LIGHTING CONTROLLER #118 CONTROL DIAGRAM
NO SCALE



LIGHTING CONTROLLER #118 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-11ighting.dgn
PLOT DATE = 3/23/2016 4:57:43 PM

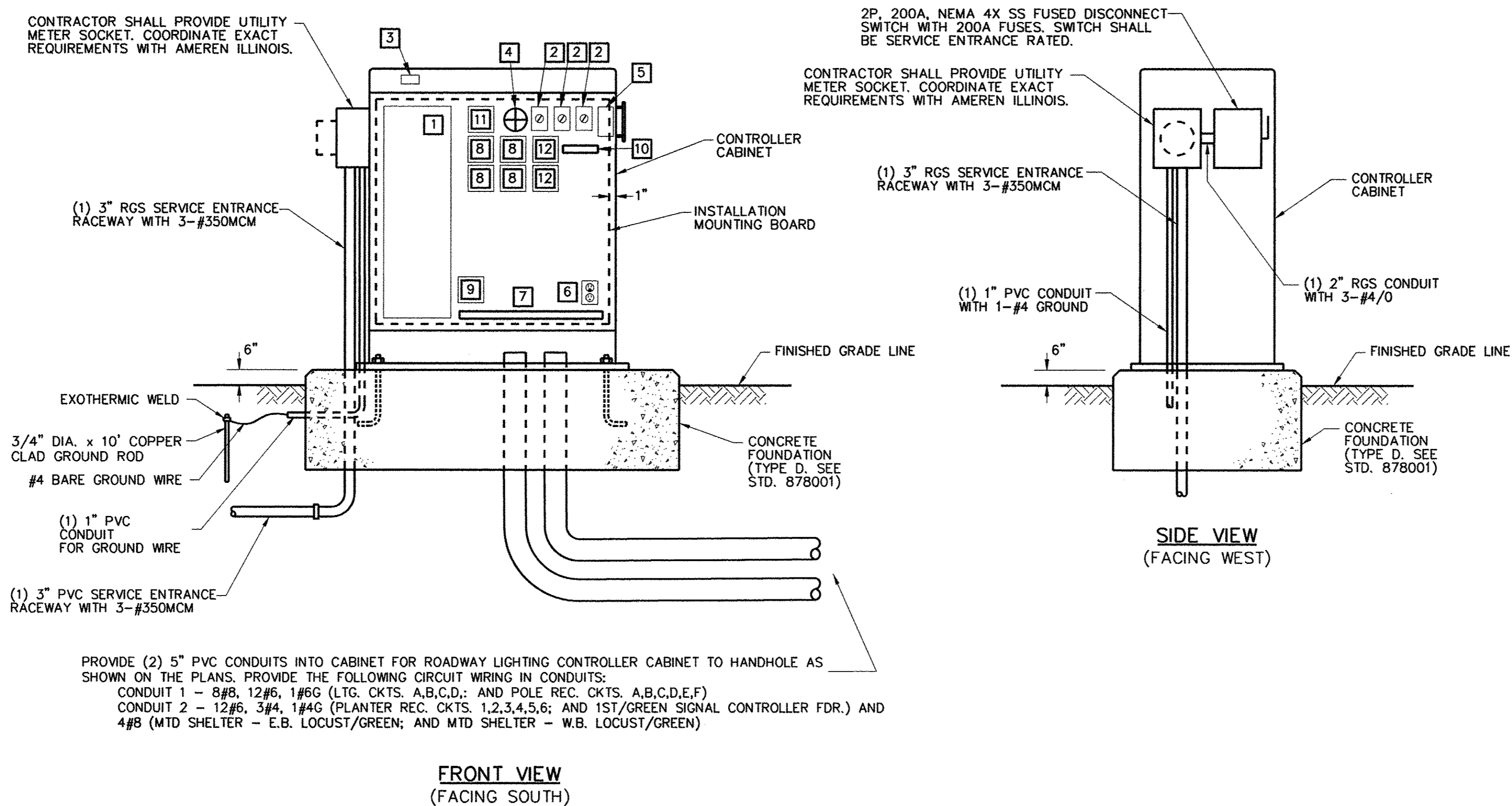
DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

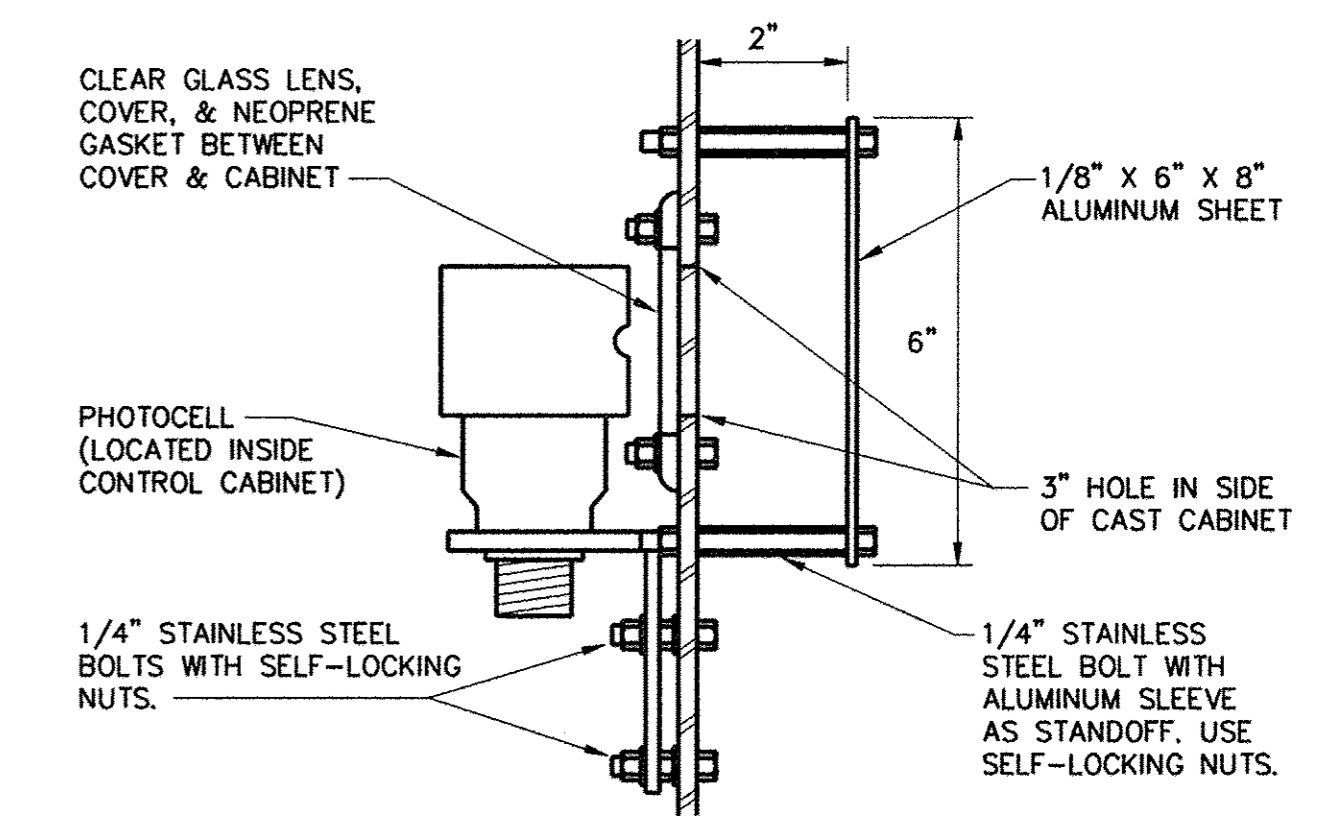
SCALE : NONE SHEET NO. 310 OF 412 SHEETS STA. TO STA.

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 310
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-518105B1				



**CONTROL CABINET, FOUNDATION, AND DIAGRAMMATIC ASSEMBLY DETAIL
LIGHTING CONTROLLER #118**
NO SCALE

LIGHTING CONTROLLER #118 BILL OF MATERIALS		
QTY	ITEM	DESCRIPTION
1	1	200A, 120/240V, 1φ, 40 CIRCUIT PANELBOARD (INTERIOR ONLY, NO PANEL TUB), QUANTITY OF BREAKERS AS SHOWN IN PANELBOARD SCHEDULE.
3	2	HAND-OFF-PHOTO-TIMER SELECTOR SWITCH WITH LEGEND PLATE.
1	3	120 VAC, 20A, 1P PLUNGERTYPE SWITCH FOR CONTROLLER LIGHT, DOOR ACTIVATED.
1	4	INCANDESCENT LIGHT FIXTURE WITH CLEAR GLOBE AND PROTECTIVE GUARD. PROVIDE 60WATT, 130VAC LAMP.
1	5	PHOTOCELL SWITCH WITH LOCKING TYPE RECEPTACLE AND INTEGRAL SURGE ARRESTORS. PHOTOCELL SHALL BE CABINET MOUNTED AND SHIELDED FROM SURROUNDING LIGHT SOURCES, WITH TIME DELAY RELAY TO PREVENT NUISANCE SWITCHING. (SEE PHOTOCELL DETAIL).
1	6	DUPLEX RECEPTACLE, 120VAC, 20A, GFCI TYPE.
1	7	TERMINAL STRIPS. QUANTITY AS REQUIRED FOR INCOMING WIRING PLUS 100% SPARE TERMINALS. PROVIDE SEPARATE TERMINAL STRIPS FOR POWER, NEUTRAL AND GROUND WIRING AS REQUIRED.
4	8	LIGHTING CONTACTOR (LC1, LC2, LC3, LC4), 30A, 240VAC, 4 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	9	SURGE ARRESTOR.
1	10	CONTROL WIRING TERMINAL BLOCK.
1	11	ASTRONOMICAL TIME CLOCK WITH BATTERY MEMORY BACKUP. ONE CIRCUIT TO CONTROL LIGHTING CONTACTORS AND ONE CIRCUIT TO CONTROL RECEPTACLE CONTACTORS.
2	12	RECEPTACLE CONTACTOR (RC1, RC2), 30A, 240VAC, 10 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.



PHOTOCELL DETAIL
NO SCALE

FILE NAME =
p:\c0010720_mcore\plans\sheets\Project2\P2-sht-11ighting.dgn
PLOT DATE =
3/23/2016 4:57:44 PM

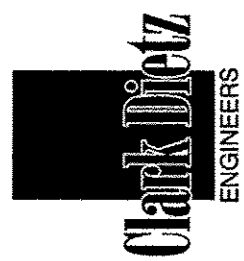
DESIGNED -	M.L.S.	REVISED -	
DRAWN -	D.L.M.	REVISED -	
CHECKED -	L.M.Z.	REVISED -	
DATE -	MARCH 2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

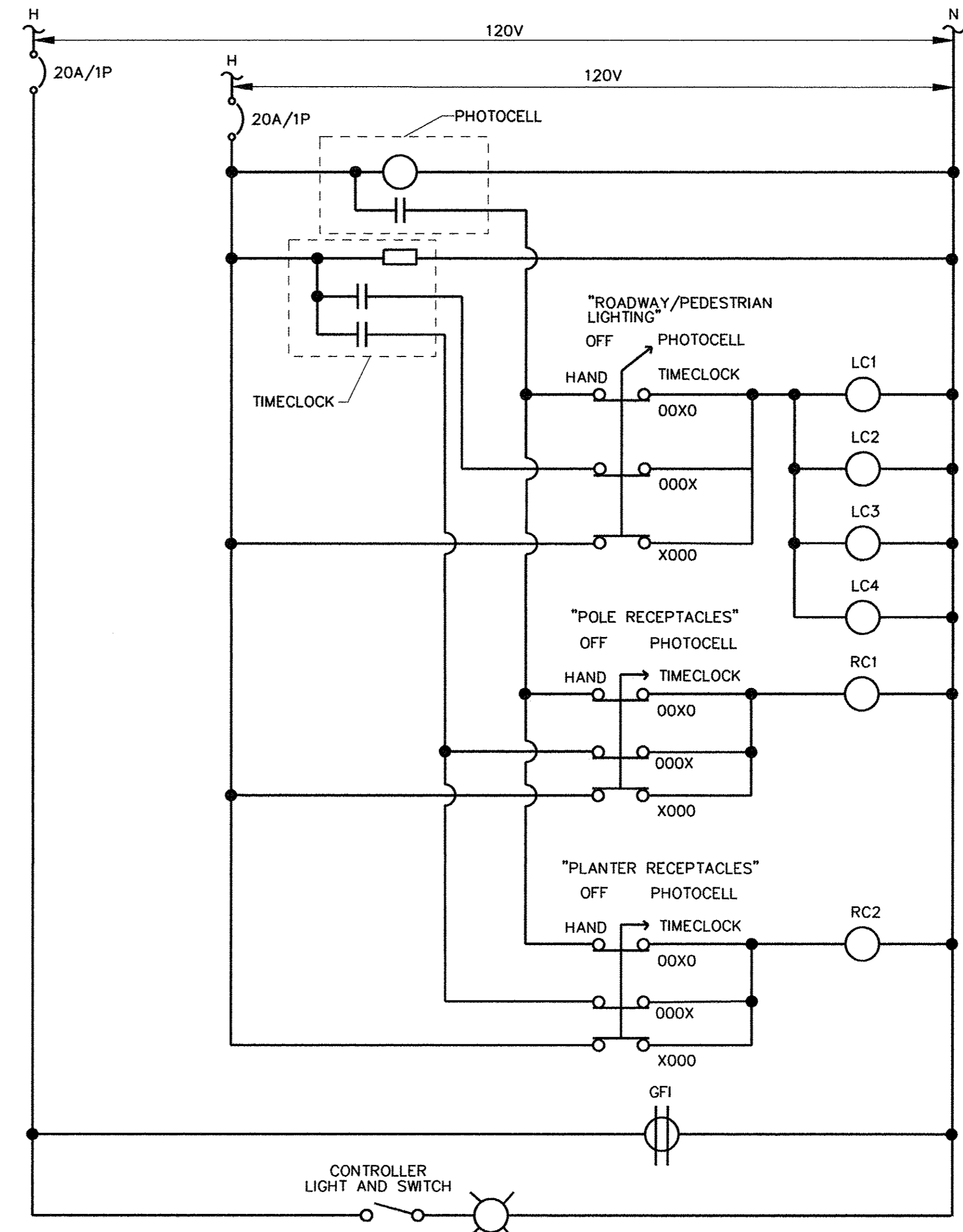
ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 311 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	311
MCORE PROJECT 2			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

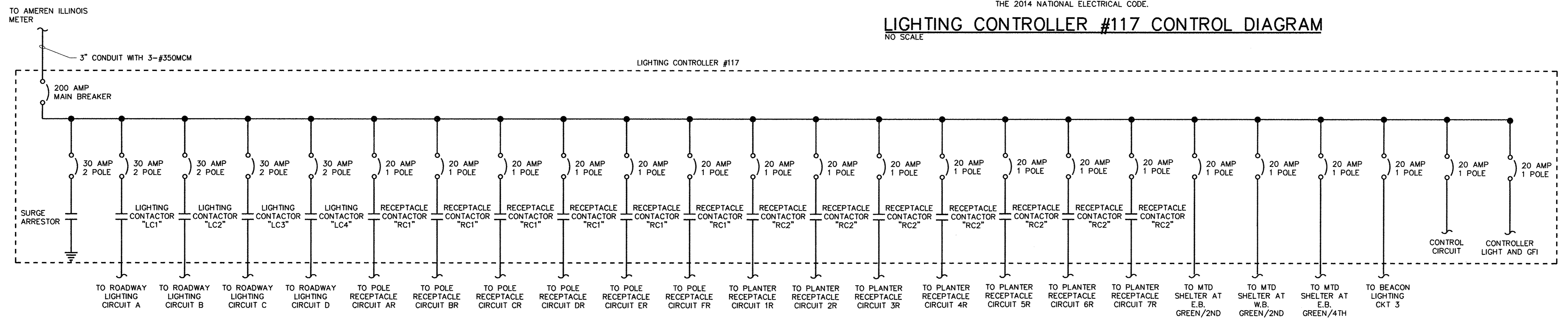


LIGHTING CONTROLLER #117 PANELBOARD SCHEDULE											
PANELBOARD LIGHTING		MAIN 200 AMP CIRCUIT BREAKER				LOCATION: GREEN ST. STA. 30+92.00, 24.00' RT.					
VOLTAGE 120/240		BUS RATING 200 AMPS									
PHASE/WIRE 1PH/3W		MOUNTING INTERIOR ONLY									
DESCRIPTION	CKT. NO.	LOAD (VA) A	LOAD (VA) B	AMPS/POLES	CKT. BKR.	CKT. BKR.	AMPS/POLES	LOAD (VA) A	LOAD (VA) B	CKT. NO.	DESCRIPTION
SURGE ARRESTOR	1	0		30/2			30/2	1210	1210	2	ROADWAY LIGHTING CIRCUIT A
	3		0							4	
ROADWAY LIGHTING CIRCUIT B	5	691		30/2			30/2	969	969	6	ROADWAY LIGHTING CIRCUIT C
	7		691							8	
ROADWAY LIGHTING CIRCUIT D	9	1496		30/2			20/1	1260		10	POLE RECEPTACLE CIRCUIT AR
	11		1496				20/1		1080	12	POLE RECEPTACLE CIRCUIT BR
PLANTER RECEPTACLE CIRCUIT 1R	13	1500		20/1			20/1	1260		14	POLE RECEPTACLE CIRCUIT CR
PLANTER RECEPTACLE CIRCUIT 2R	15		1500	20/1			20/1		1440	16	POLE RECEPTACLE CIRCUIT DR
PLANTER RECEPTACLE CIRCUIT 3R	17	1500		20/1			20/1	1260		18	POLE RECEPTACLE CIRCUIT ER
PLANTER RECEPTACLE CIRCUIT 4R	19		1500	20/1			20/1		1440	20	POLE RECEPTACLE CIRCUIT FR
PLANTER RECEPTACLE CIRCUIT 5R	21	1500		20/1			20/1	250		22	CONTROL CIRCUIT
PLANTER RECEPTACLE CIRCUIT 6R	23		1500	20/1			20/1		250	24	CONTROLLER LIGHT & GFI
PLANTER RECEPTACLE CIRCUIT 7R	25	1500		20/1			20/1	250		26	MTD SHELTER-E.B. GREEN/2ND
BEACON LTG. CIRCUIT E	27		25	20/1			20/1		250	28	MTD SHELTER-W.B. GREEN/2ND
MTD SHELTER-E.B. GREEN/4TH	29	250		20/1				0		30	SPACE
SPACE	31		0					0		32	SPACE
SPACE	33		0					0		34	SPACE
SPACE	35		0					0		36	SPACE
SPACE	37		0					0		38	SPACE
SPACE	39		0					0		40	SPACE
SUBTOTAL "A"		8437						6459			
SUBTOTAL "B"			6712						6639		
TOTAL VOLT-AMPERES A & B:		28,247									



NOTE:
GROUND WIRE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL GROUND ALL EQUIPMENT IN THE LIGHTING CONTROL CABINET AS REQUIRED BY THE 2014 NATIONAL ELECTRICAL CODE.

LIGHTING CONTROLLER #117 CONTROL DIAGRAM
NO SCALE



LIGHTING CONTROLLER #117 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-11ighting.dgn
PLOT DATE = 3/23/2016 4:57:45 PM

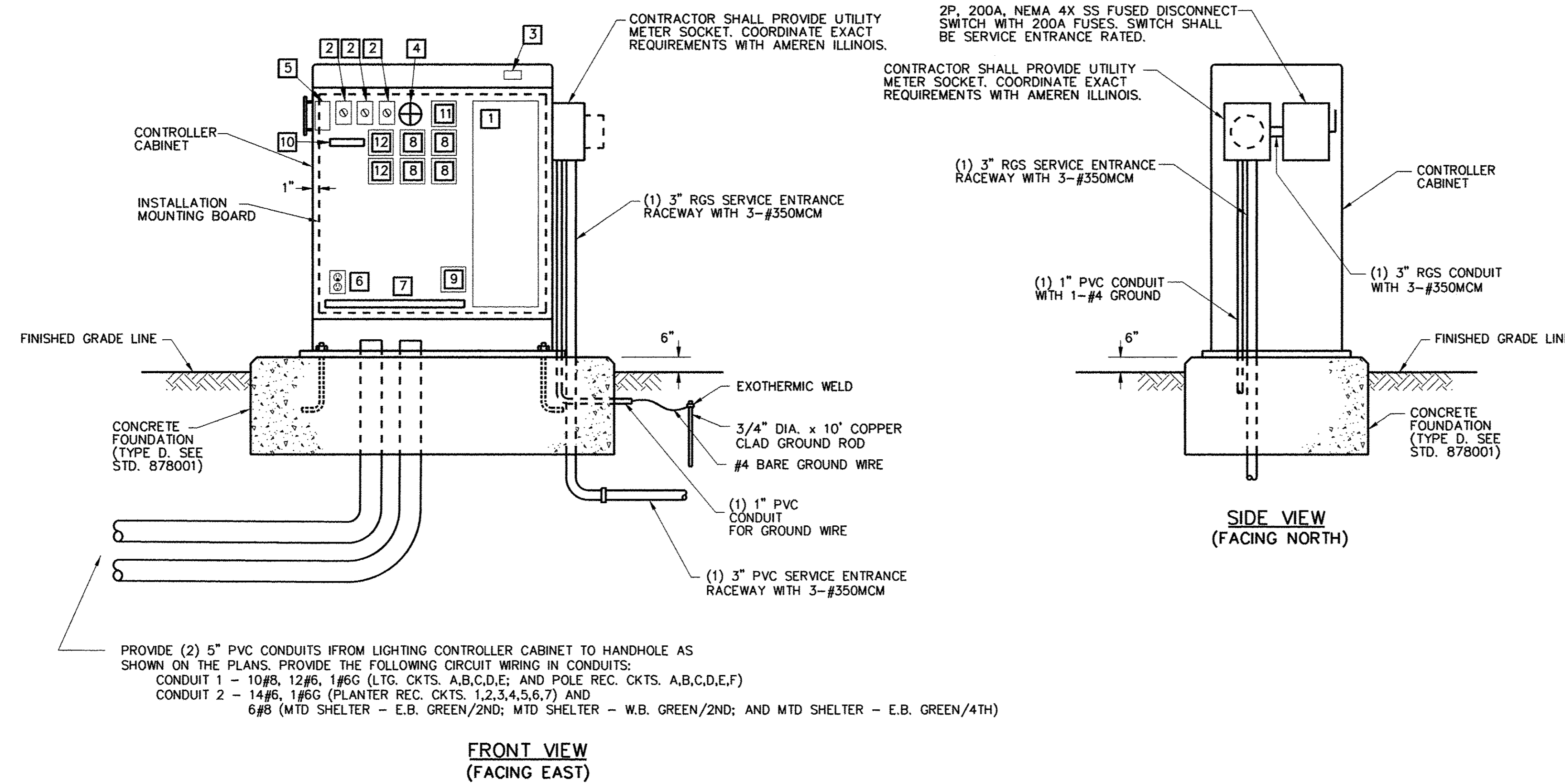
DESIGNED - M.L.S. REVISIONS -
DRAWN - D.L.M. REVISIONS -
CHECKED - L.M.Z. REVISIONS -
DATE - MARCH 2016 REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 312
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

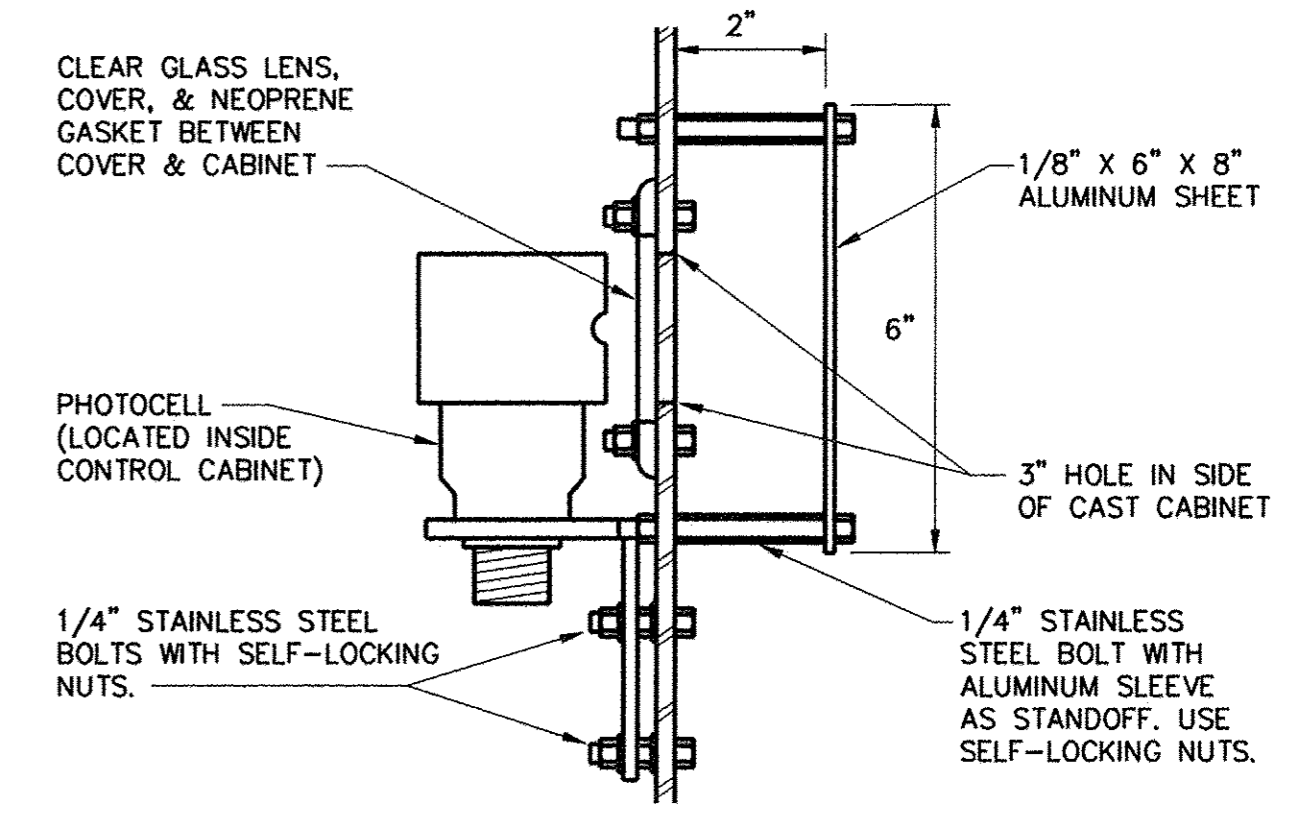
SCALE : NONE SHEET NO. 312 OF 412 SHEETS STA. TO STA.



PROVIDE (2) 5" PVC CONDUITS FROM LIGHTING CONTROLLER CABINET TO HANDHOLE AS SHOWN ON THE PLANS. PROVIDE THE FOLLOWING CIRCUIT WIRING IN CONDUITS:
 CONDUIT 1 - 10#8, 12#6, 1#6G (LTG. CKTS. A,B,C,D,E; AND POLE REC. CKTS. A,B,C,D,E,F)
 CONDUIT 2 - 14#6, 1#6G (PLANTER REC. CKTS. 1,2,3,4,5,6,7) AND 6#8 (MTD SHELTER - E.B. GREEN/2ND; MTD SHELTER - W.B. GREEN/2ND; AND MTD SHELTER - E.B. GREEN/4TH)

CONTROL CABINET, FOUNDATION, AND DIAGRAMMATIC ASSEMBLY DETAIL
LIGHTING CONTROLLER #117
 NO SCALE

LIGHTING CONTROLLER #117 BILL OF MATERIALS		
QTY	ITEM	DESCRIPTION
1	1	200A, 120/240V, 1Ø, 40 CIRCUIT PANELBOARD (INTERIOR ONLY, NO PANEL TUB), QUANTITY OF BREAKERS AS SHOWN IN PANELBOARD SCHEDULE.
3	2	HAND-OFF-PHOTO-TIMER SELECTOR SWITCH WITH LEGEND PLATE.
1	3	120 VAC, 20A, 1P PLUNGERTYPE SWITCH FOR CONTROLLER LIGHT, DOOR ACTIVATED.
1	4	INCANDESCENT LIGHT FIXTURE WITH CLEAR GLOBE AND PROTECTIVE GUARD. PROVIDE 60WATT, 130VAC LAMP.
1	5	PHOTOCELL SWITCH WITH LOCKING TYPE RECEPTACLE AND INTEGRAL SURGE ARRESTORS. PHOTOCELL SHALL BE CABINET MOUNTED AND SHIELDED FROM SURROUNDING LIGHT SOURCES, WITH TIME DELAY RELAY TO PREVENT NUISANCE SWITCHING. (SEE PHOTOCELL DETAIL).
1	6	DUPLEX RECEPTACLE, 120VAC, 20A, GFCI TYPE.
1	7	TERMINAL STRIPS, QUANTITY AS REQUIRED FOR INCOMING WIRING PLUS 100% SPARE TERMINALS. PROVIDE SEPARATE TERMINAL STRIPS FOR POWER, NEUTRAL AND GROUND WIRING AS REQUIRED.
4	8	LIGHTING CONTACTOR (LC1, LC2, LC3, LC4), 30A, 240VAC, 4 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	9	SURGE ARRESTOR.
1	10	CONTROL WIRING TERMINAL BLOCK.
1	11	ASTRONOMICAL TIME CLOCK WITH BATTERY MEMORY BACKUP. ONE CIRCUIT TO CONTROL LIGHTING CONTACTORS AND ONE CIRCUIT TO CONTROL RECEPTACLE CONTACTORS.
2	12	RECEPTACLE CONTACTOR (RC1, RC2), 30A, 240VAC, 10 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.



PHOTOCELL DETAIL
 NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-lighting.dgn
 PLOT DATE = 3/23/2016 4:57:46 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

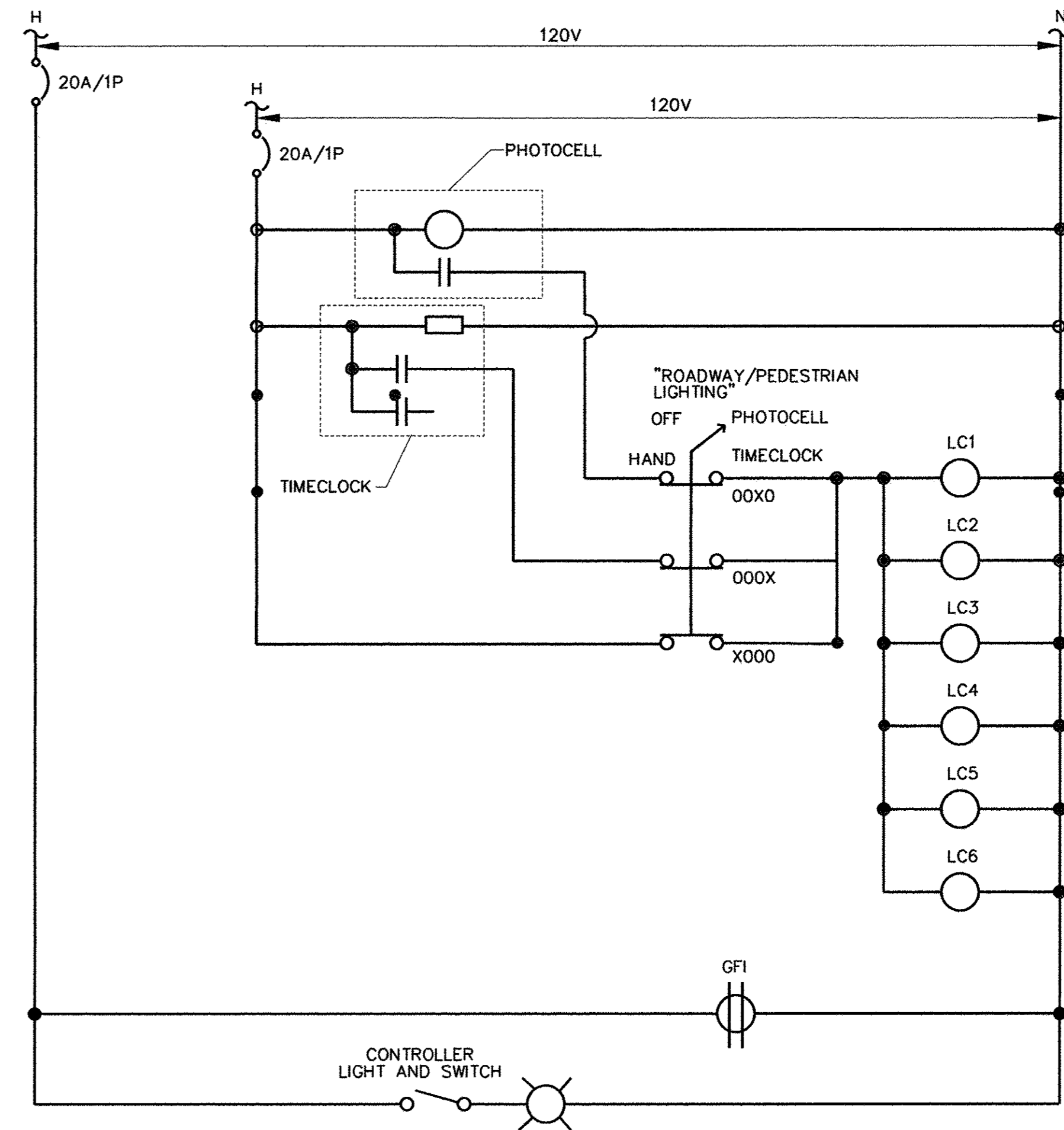
ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 313 OF 412 SHEETS STA. TO STA.

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 313
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(058)				

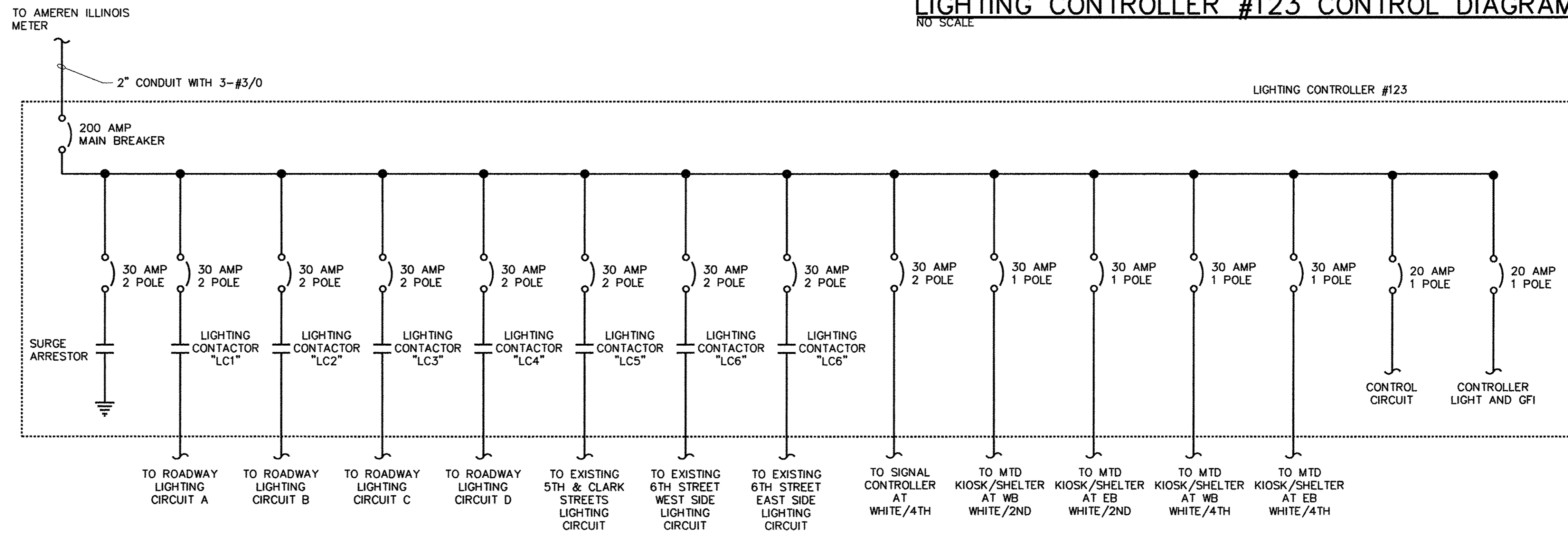


LIGHTING CONTROLLER #123 PANELBOARD SCHEDULE											
PANELBOARD LIGHTING		MAIN 200 AMP CIRCUIT BREAKER				LOCATION: FOURTH ST. STA. 455+67.00, 25.83' LT.					
VOLTAGE 120/240		BUS RATING 200 AMPS									
PHASE/WIRE 1PH/3W		MOUNTING INTERIOR ONLY									
DESCRIPTION	CKT. NO.	LOAD (VA) A	LOAD (VA) B	AMPS/POLES	CKT. BKR.	CKT. BKR.	AMPS/POLES	LOAD (VA) A	LOAD (VA) B	CKT. NO.	DESCRIPTION
SURGE ARRESTOR	1	0								2	ROADWAY LIGHTING CIRCUIT A
	3		0	30/2				1843	1843	4	
ROADWAY LIGHTING CIRCUIT B	5	1324		30/2				1640		6	ROADWAY LIGHTING CIRCUIT C
	7		1324	30/2				1640		8	
ROADWAY LIGHTING CIRCUIT D	9	1181		30/2				1500		10	SIGNAL CONTROLLER AT WHITE ST AND FOURTH ST
	11		1181	30/2				1500		12	
SPACE	13	0						2850		14	MTD E.B. WHITE/2ND
SPACE	15	0						2850		16	MTD E.B. WHITE/4TH
SPACE	17	0						2850		18	MTD W.B. WHITE/2ND
SPACE	19	0						2850		20	MTD W.B. WHITE/4TH
ROADWAY LIGHTING CIRCUIT EXIST 5TH ST & CLARK ST	21	1688		30/2				250		22	CONTROL CIRCUIT
	23		1688	30/2				250		24	CONTROLLER LIGHT & GFI
ROADWAY LIGHTING CIRCUIT EXIST 6TH ST (WEST SIDE)	25	375		30/2				438		26	ROADWAY LIGHTING CIRCUIT EXIST 6TH ST (EAST SIDE)
	27		375	30/2				438		28	
SPACE	29	0						0		30	SPACE
SPACE	31	0						0		32	SPACE
SPACE	33	0						0		34	SPACE
SPACE	35	0						0		36	SPACE
SPACE	37	0						0		38	SPACE
SPACE	39	0						0		40	SPACE
SUBTOTAL "A"		4568						11371			
SUBTOTAL "B"			4568					11371			
TOTAL VOLT-AMPERES A & B:								31,878			



NOTE:
GROUND WIRE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL GROUND ALL EQUIPMENT IN THE LIGHTING CONTROL CABINET AS REQUIRED BY THE 2014 NATIONAL ELECTRICAL CODE.

LIGHTING CONTROLLER #123 CONTROL DIAGRAM
NO SCALE



LIGHTING CONTROLLER #123 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-1lighting.dgn
PLOT DATE = 3/23/2016 4:57:47 PM

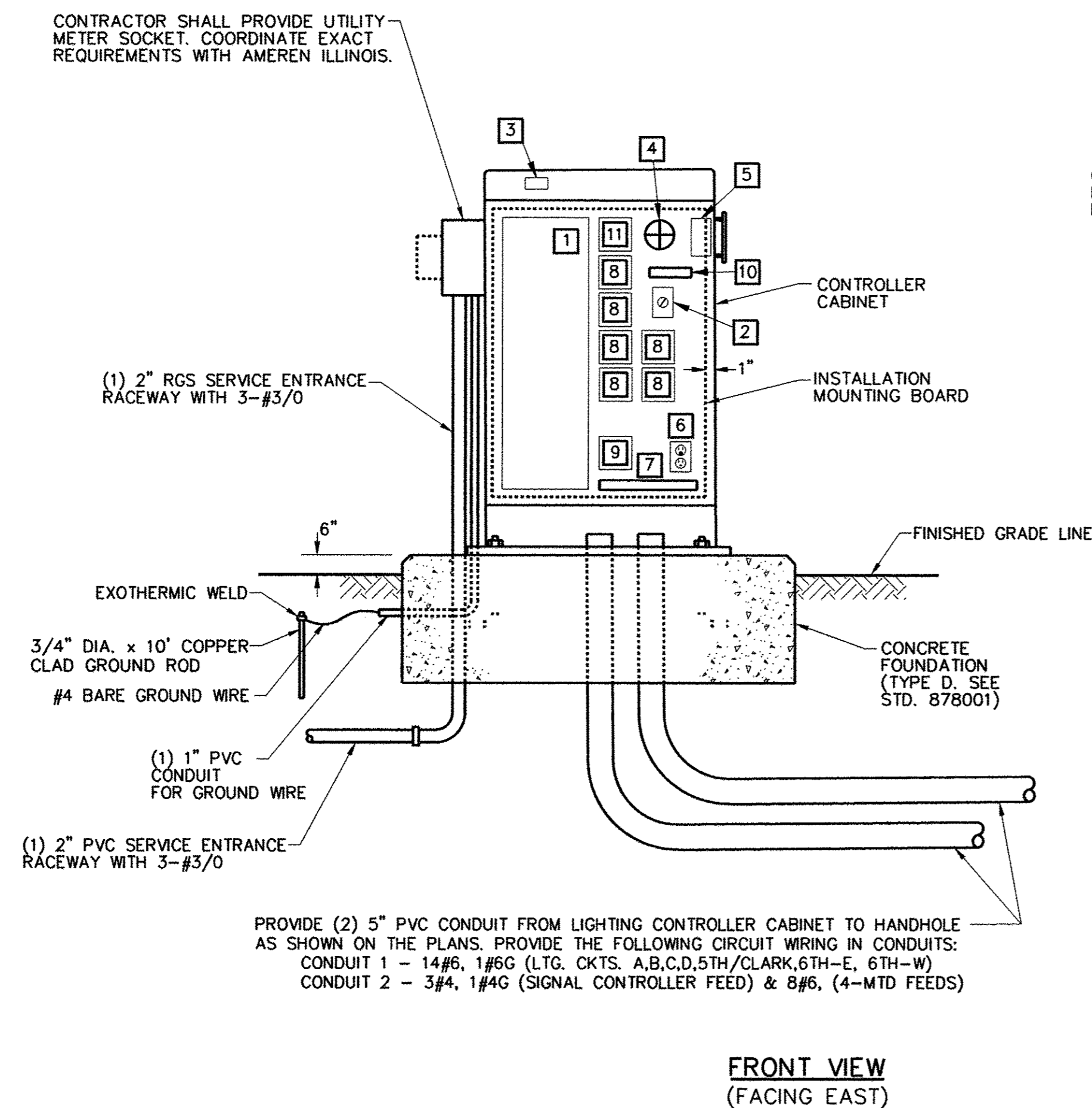
DESIGNED -	M.L.S.	REVISED -	
DRAWN -	D.L.M.	REVISED -	
CHECKED -	L.M.Z.	REVISED -	
DATE -	MARCH 2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

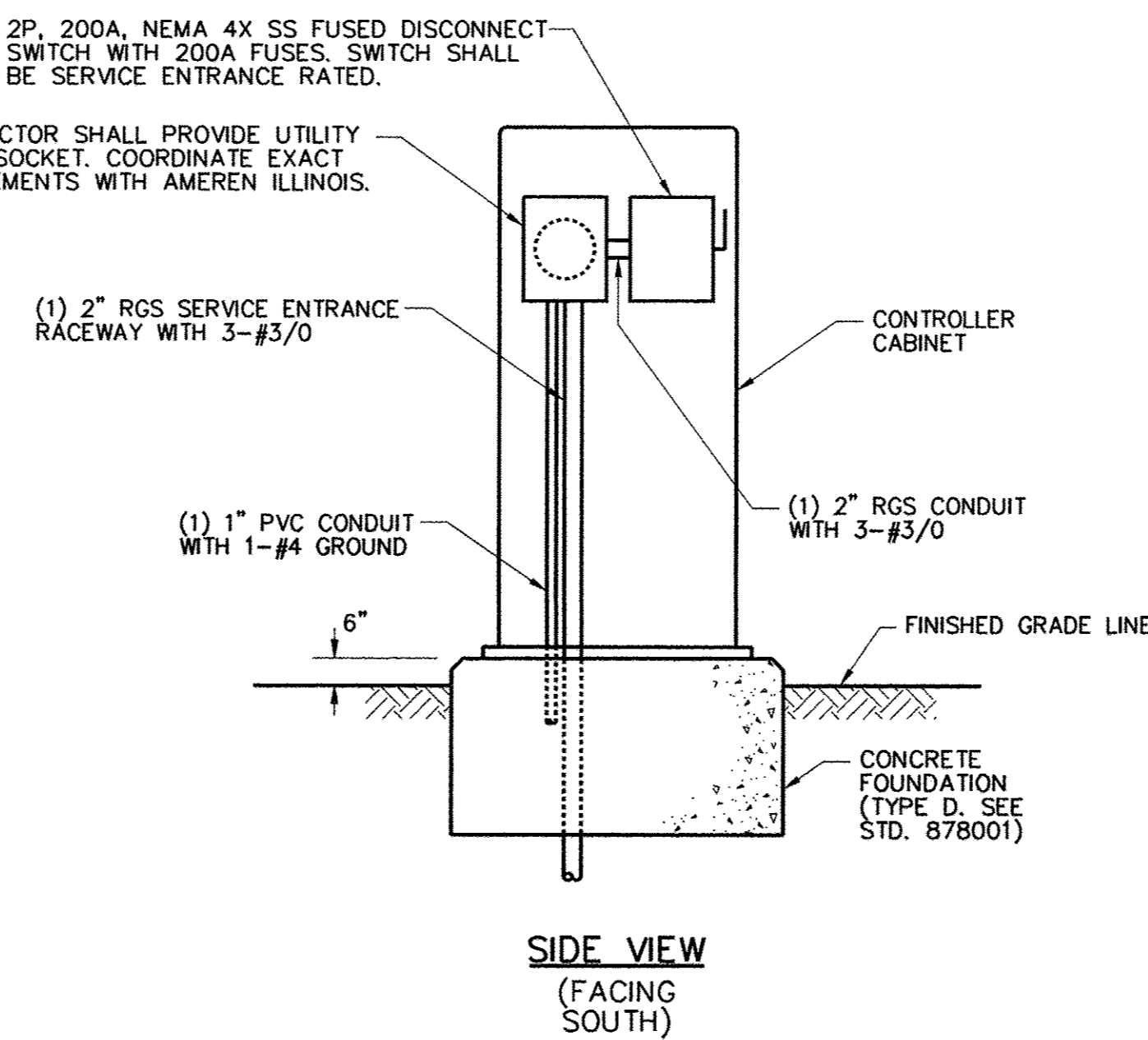
ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 314 OF 412 SHEETS STA. TO STA.

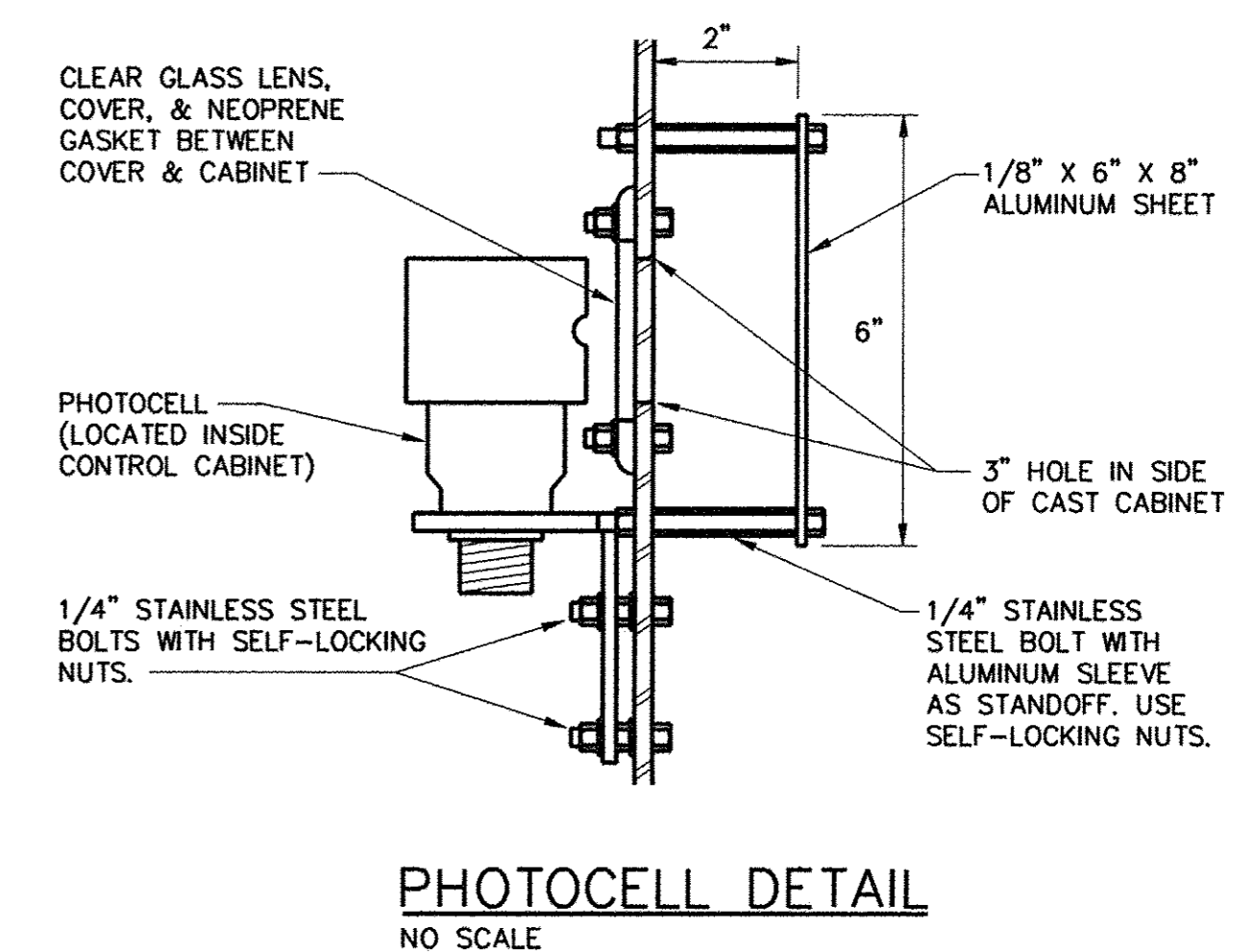
F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 314
MCORE PROJECT 3		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				



CONTROL CABINET, FOUNDATION, AND DIAGRAMMATIC ASSEMBLY DETAIL
LIGHTING CONTROLLER #123
NO SCALE



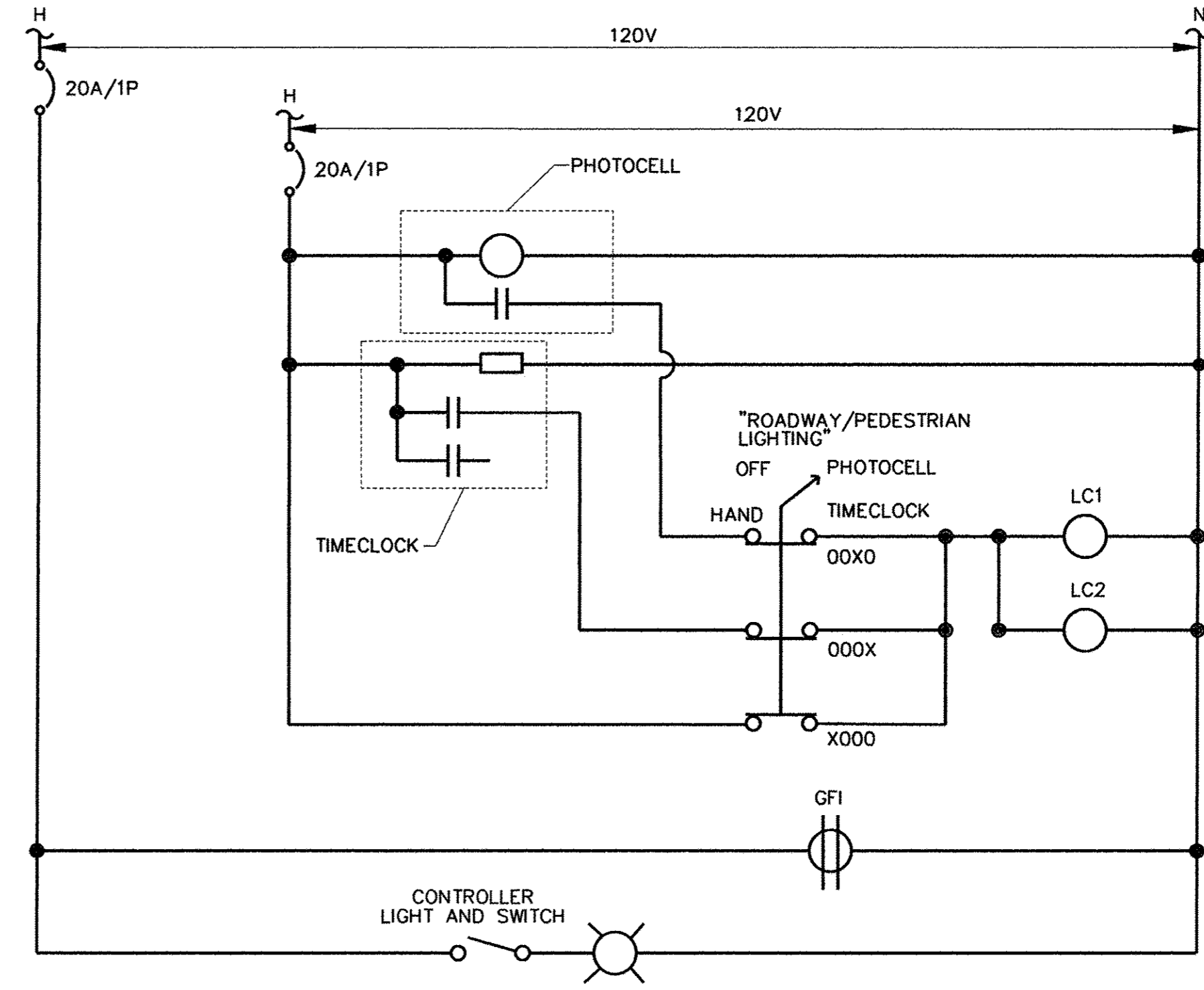
LIGHTING CONTROLLER #123 BILL OF MATERIALS		
QTY	ITEM	DESCRIPTION
1	1	200A, 120/240V, 1Ø, 40 CIRCUIT PANELBOARD (INTERIOR ONLY, NO PANEL TUB), QUANTITY OF BREAKERS AS SHOWN IN PANELBOARD SCHEDULE.
1	2	HAND-OFF-PHOTO-TIMER SELECTOR SWITCH WITH LEGEND PLATE.
1	3	120 VAC, 20A, 1P PLUNGERTYPE SWITCH FOR CONTROLLER LIGHT, DOOR ACTIVATED.
1	4	INCANDESCENT LIGHT FIXTURE WITH CLEAR GLOBE AND PROTECTIVE GUARD. PROVIDE 60WATT, 130VAC LAMP.
1	5	PHOTOCELL SWITCH WITH LOCKING TYPE RECEPTACLE AND INTEGRAL SURGE ARRESTORS. PHOTOCELL SHALL BE CABINET MOUNTED AND SHIELDED FROM SURROUNDING LIGHT SOURCES, WITH TIME DELAY RELAY TO PREVENT NUISANCE SWITCHING. (SEE PHOTOCELL DETAIL).
1	6	DUPLEX RECEPTACLE, 120VAC, 20A, GFCI TYPE.
1	7	TERMINAL STRIPS, QUANTITY AS REQUIRED FOR INCOMING WIRING PLUS 100% SPARE TERMINALS. PROVIDE SEPARATE TERMINAL STRIPS FOR POWER, NEUTRAL AND GROUND WIRING AS REQUIRED.
6	8	LIGHTING CONTACTOR (LC1, LC2, LC3, LC4, LC5, LC6), 30A, 240VAC, 4 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	9	SURGE ARRESTOR.
1	10	CONTROL WIRING TERMINAL BLOCK.
1	11	ASTRONOMICAL TIME CLOCK WITH BATTERY MEMORY BACKUP. ONE CIRCUIT TO CONTROL LIGHTING CONTACTORS AND ONE CIRCUIT - SPARE.



PHOTOCELL DETAIL
NO SCALE

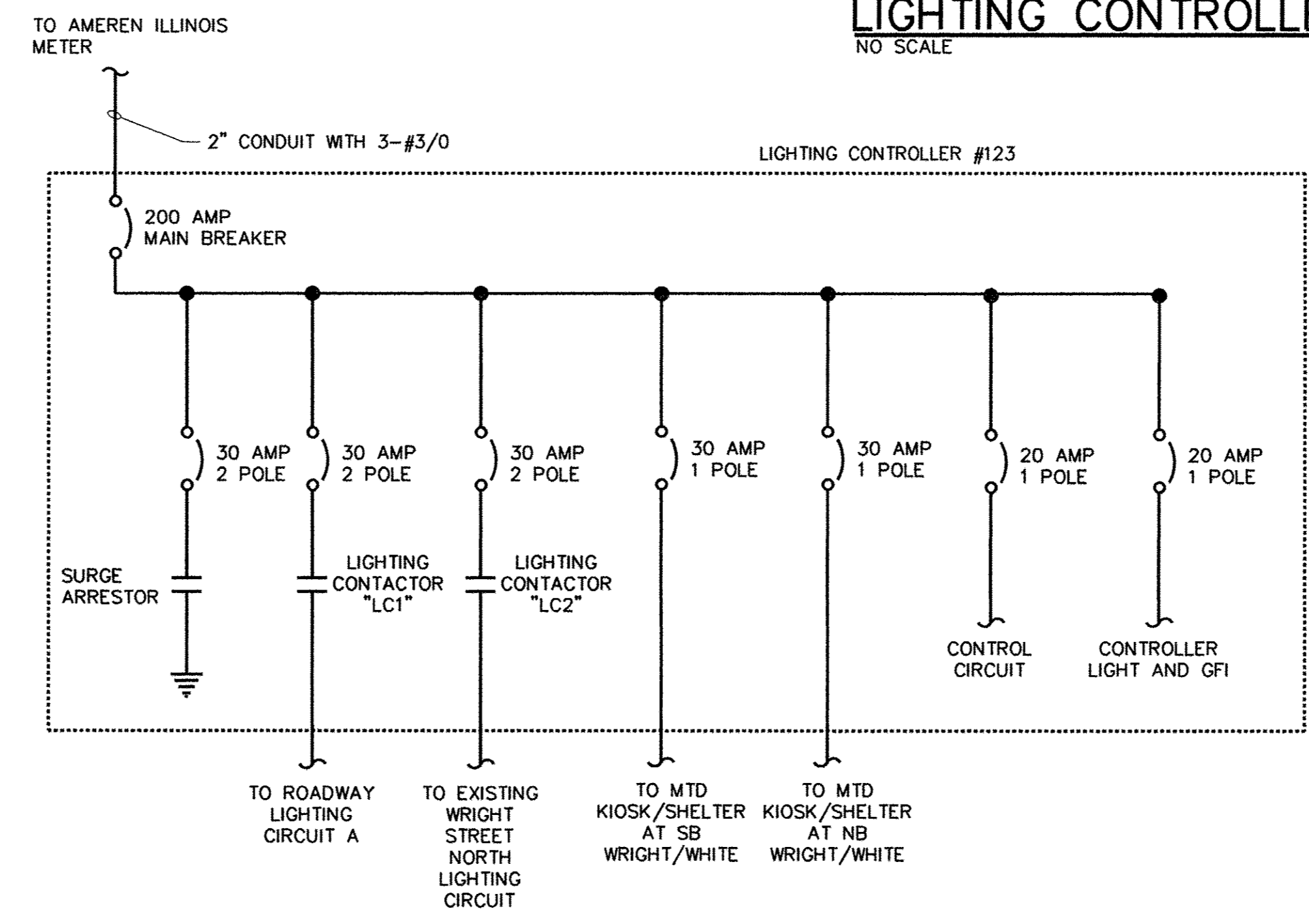


LIGHTING CONTROLLER #122 PANELBOARD SCHEDULE											
PANELBOARD LIGHTING		MAIN 200 AMP CIRCUIT BREAKER			LOCATION: WRIGHT ST. STA. 4032+81.00 31.88' LT.						
VOLTAGE 120/240		BUS RATING 200 AMPS									
PHASE/WIRE 1PH/3W		MOUNTING INTERIOR ONLY									
DESCRIPTION	CKT. NO.	LOAD (VA) A	LOAD (VA) B	AMPS/POLES	CKT. BKR.	CKT. BKR.	AMPS/POLES	LOAD (VA) A	LOAD (VA) B	CKT. NO.	DESCRIPTION
SURGE ARRESTOR	1	0								2	ROADWAY LIGHTING CIRCUIT A
	3		0	30/2			30/2	2076	2076	4	
MTD S.B. WRIGHT/WHITE	5	2850		30/1				0		6	SPACE
MTD N.B. WRIGHT/WHITE	7		2850	30/1				0		8	SPACE
ROADWAY LIGHTING CIRCUIT EXIST WRIGHT ST. NORTH	9	225					20/1	250		10	CONTROL CIRCUIT
	11		225	30/2			20/1	250		12	CONTROLLER LIGHT & GFI
SPACE	13	0						0		14	SPACE
SPACE	15	0						0		16	SPACE
SPACE	17	0						0		18	SPACE
SPACE	19	0						0		20	SPACE
SPACE	21	0						0		22	SPACE
SPACE	23	0						0		24	SPACE
SPACE	25	0						0		26	SPACE
SPACE	27	0						0		28	SPACE
SPACE	29	0						0		30	SPACE
SPACE	31	0						0		32	SPACE
SPACE	33	0						0		34	SPACE
SPACE	35	0						0		36	SPACE
SPACE	37	0						0		38	SPACE
SPACE	39	0						0		40	SPACE
SUBTOTAL "A"		3075						2326			
SUBTOTAL "B"		3075						2326			
TOTAL VOLT-AMPERES A & B:		10,802									



NOTE:
GROUND WIRE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL GROUND ALL EQUIPMENT IN THE LIGHTING CONTROL CABINET AS REQUIRED BY THE 2014 NATIONAL ELECTRICAL CODE.

LIGHTING CONTROLLER #122 CONTROL DIAGRAM
NO SCALE



LIGHTING CONTROLLER #122 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-1lighting.dgn
PLOT DATE = 3/23/2016 4:57:49 PM

DESIGNED - M.L.S. REVISED -
DRAWN - D.L.M. REVISED -
CHECKED - L.M.Z. REVISED -
DATE - MARCH 2016 REVISED -

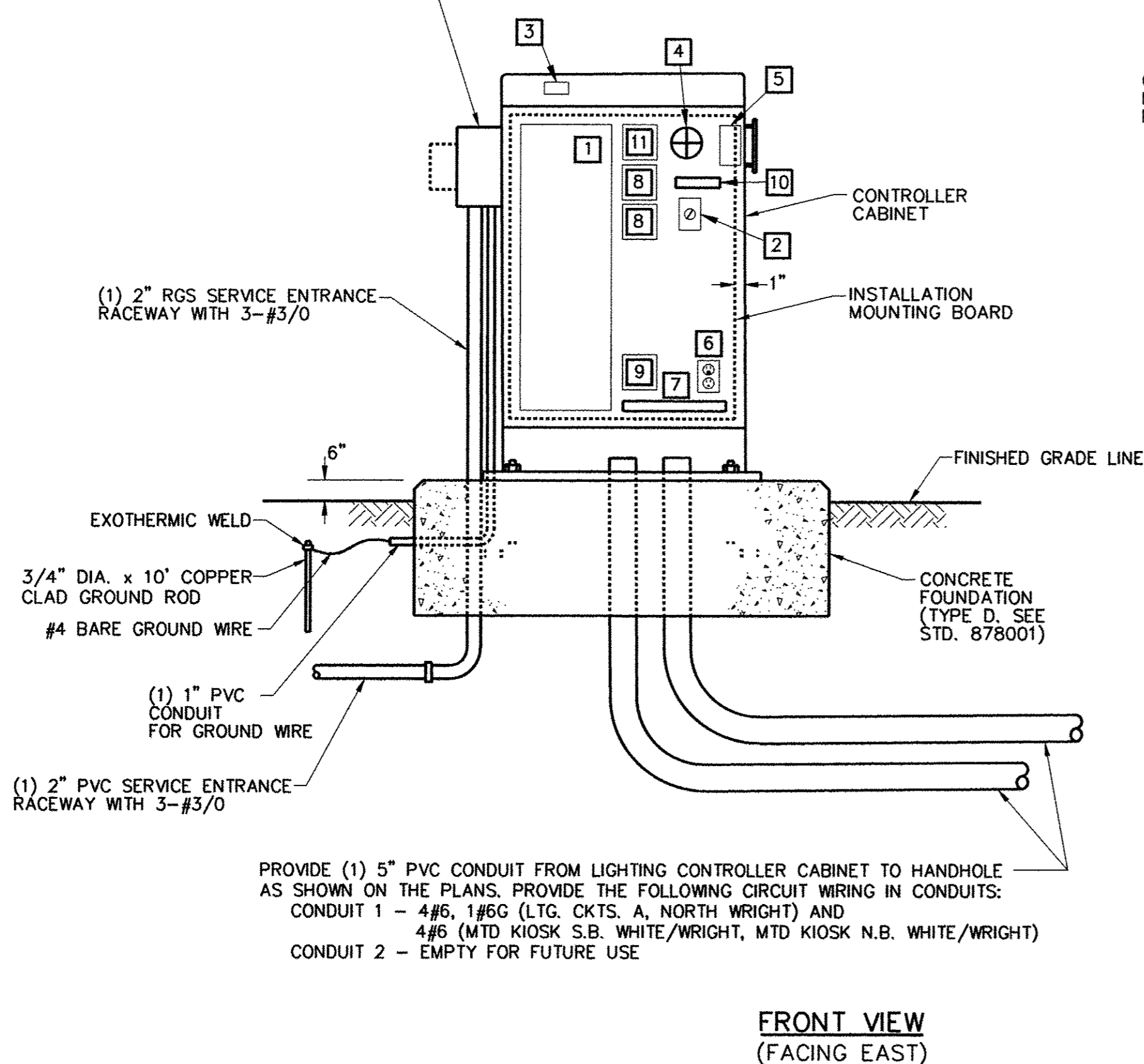
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 316 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	316
MCORE PROJECT 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

CONTRACTOR SHALL PROVIDE UTILITY METER SOCKET. COORDINATE EXACT REQUIREMENTS WITH AMEREN ILLINOIS.

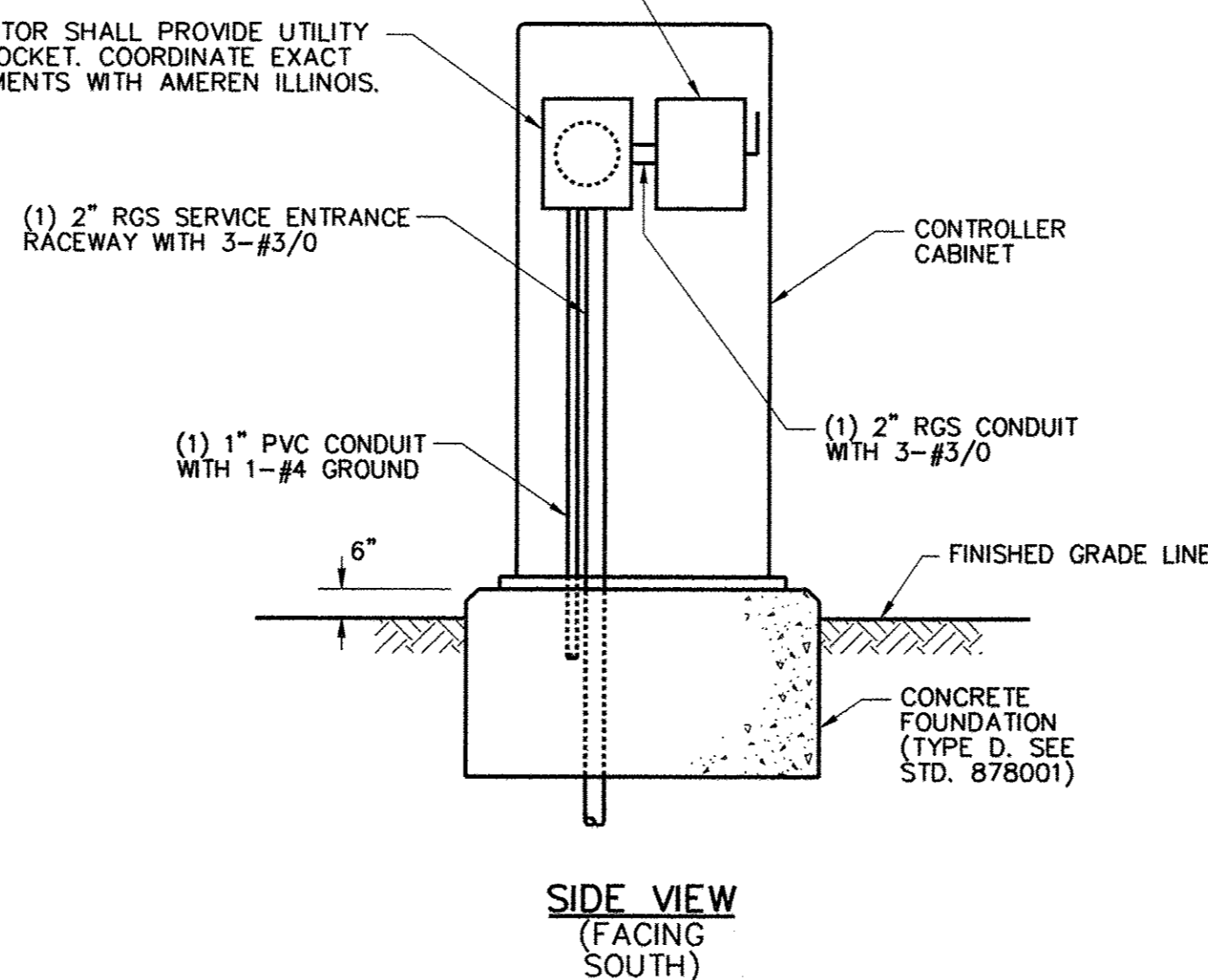


PROVIDE (1) 5" PVC CONDUIT FROM LIGHTING CONTROLLER CABINET TO HANDHOLE AS SHOWN ON THE PLANS. PROVIDE THE FOLLOWING CIRCUIT WIRING IN CONDUITS:
CONDUIT 1 - 4#6, 1#6G (LTG. CKTS. A, NORTH WRIGHT) AND 4#6 (MTD KIOSK S.B. WHITE/WRIGHT, MTD KIOSK N.B. WHITE/WRIGHT)
CONDUIT 2 - EMPTY FOR FUTURE USE

CONTROL CABINET, FOUNDATION, AND DIAGRAMMATIC ASSEMBLY DETAIL
LIGHTING CONTROLLER #122
NO SCALE

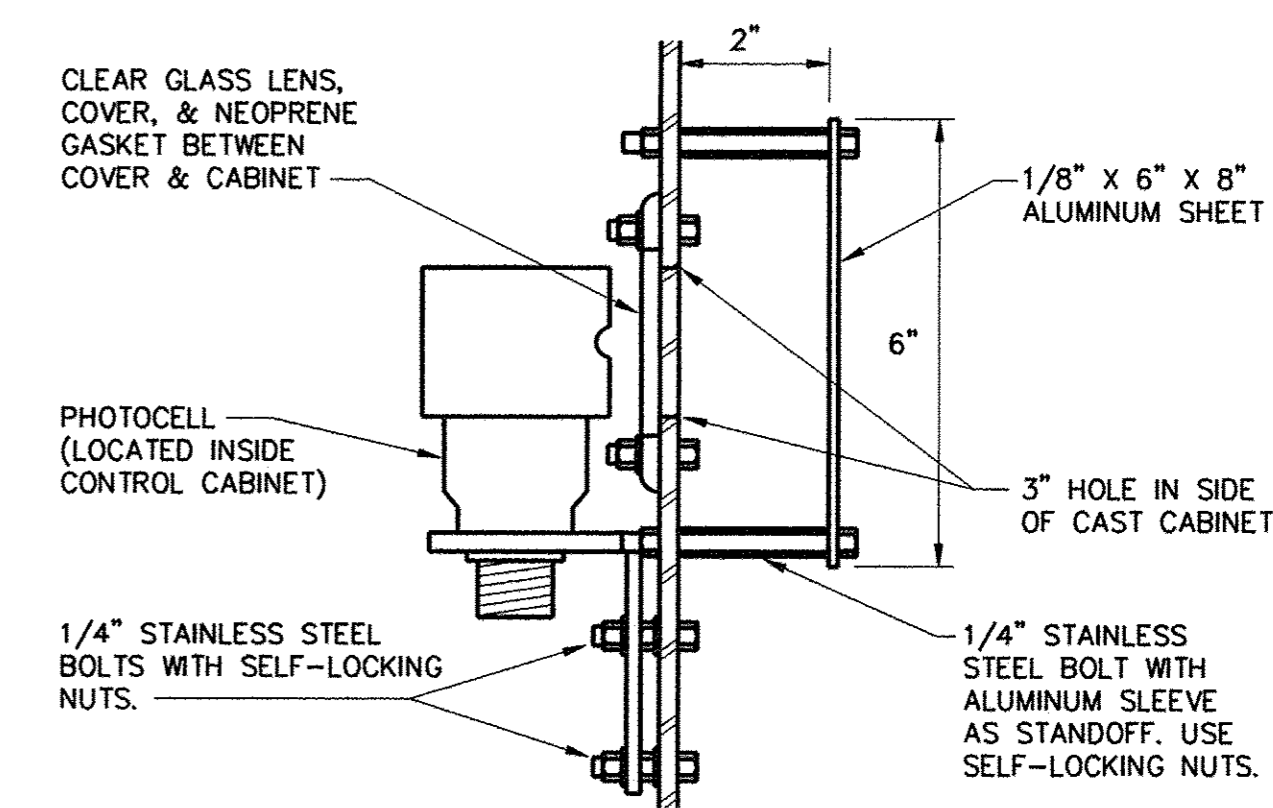
2P, 200A, NEMA 4X SS FUSED DISCONNECT SWITCH WITH 200A FUSES. SWITCH SHALL BE SERVICE ENTRANCE RATED.

CONTRACTOR SHALL PROVIDE UTILITY METER SOCKET. COORDINATE EXACT REQUIREMENTS WITH AMEREN ILLINOIS.

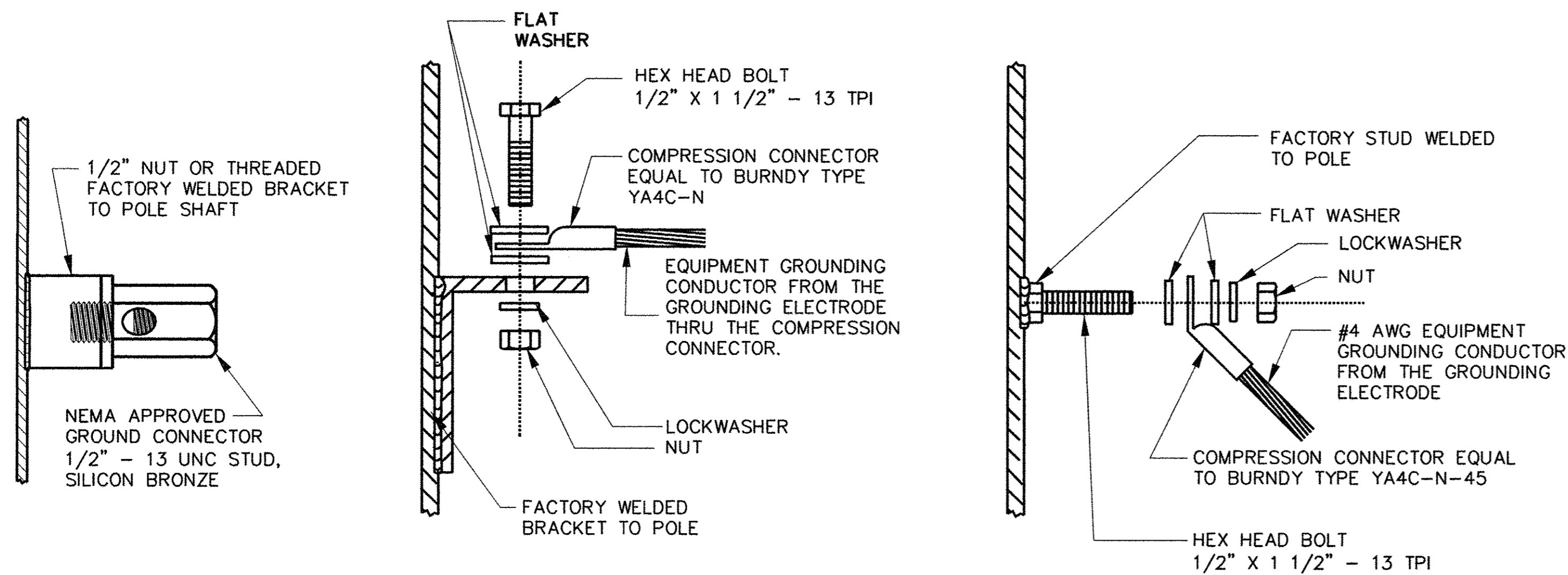


LIGHTING CONTROLLER #122 BILL OF MATERIALS

QTY	ITEM	DESCRIPTION
1	1	200A, 120/240V, 1Ø, 40 CIRCUIT PANELBOARD (INTERIOR ONLY, NO PANEL TUB), QUANTITY OF BREAKERS AS SHOWN IN PANELBOARD SCHEDULE.
1	2	HAND-OFF-PHOTO-TIMER SELECTOR SWITCH WITH LEGEND PLATE.
1	3	120 VAC, 20A, 1P PLUNGERTYPE SWITCH FOR CONTROLLER LIGHT, DOOR ACTIVATED.
1	4	INCANDESCENT LIGHT FIXTURE WITH CLEAR GLOBE AND PROTECTIVE GUARD. PROVIDE 60WATT, 130VAC LAMP.
1	5	PHOTOCELL SWITCH WITH LOCKING TYPE RECEPTACLE AND INTEGRAL SURGE ARRESTORS. PHOTOCELL SHALL BE CABINET MOUNTED AND SHIELDED FROM SURROUNDING LIGHT SOURCES, WITH TIME DELAY RELAY TO PREVENT NUISANCE SWITCHING. (SEE PHOTOCELL DETAIL).
1	6	DUPLEX RECEPTACLE, 120VAC, 20A, GFCI TYPE.
1	7	TERMINAL STRIPS, QUANTITY AS REQUIRED FOR INCOMING WIRING PLUS 100% SPARE TERMINALS. PROVIDE SEPARATE TERMINAL STRIPS FOR POWER, NEUTRAL AND GROUND WIRING AS REQUIRED.
2	8	LIGHTING CONTACTOR (LC1, LC2), 30A, 240VAC, 4 POLE, 120VAC ELECTRICALLY HELD COIL. PROVIDE SPACE FOR ADDITIONAL CONTACTORS.
1	9	SURGE ARRESTOR.
1	10	CONTROL WIRING TERMINAL BLOCK.
1	11	ASTRONOMICAL TIME CLOCK WITH BATTERY MEMORY BACKUP. ONE CIRCUIT TO CONTROL LIGHTING CONTACTORS. ONE CIRCUIT - SPARE.



PHOTOCELL DETAIL
NO SCALE



NOTE: NUT, BOLT, AND WASHERS SHALL BE STAINLESS STEEL

TYPICAL GROUNDING CONNECTIONS

LOCATION: PROJECT 2 & PROJECT 3
NO SCALE

TWIN LIGHTING UNITS REQUIRE INDIVIDUAL SETS OF UNGROUNDED CONDUCTORS AND FUSE ASSEMBLY.

EQUIPMENT GROUNDING CONDUCTOR
TWIN LIGHTING UNIT EQUIPMENT GROUNDING CONDUCTOR

TYPICAL GROUNDING CONNECTION - SEE DETAIL

APPROVED COMPRESSION TYPE CONNECTOR FOR EQUIPMENT GROUNDING CONDUCTORS

AWG #4 (MIN.) BARE EQUIPMENT GROUNDING CONDUCTOR. NOTE: THIS WIRE SHALL BE CONTINUOUS WITHOUT SPLICES FROM THE GROUNDING ELECTRODE TO THE EQUIPMENT GROUNDING CONDUCTOR SPLICE CONNECTOR

U.S.E. RATED XLP INSULATED COPPER STRANDED EQUIPMENT GROUNDING CONDUCTORS FROM SYSTEM RACEWAY

EXOTHERMICALLY WELDED TO GROUNDING ELECTRODE

UNGROUNDING CONDUCTORS TO LUMINAIRES SHALL BE #12 AWG, COPPER STRANDED, U.S.E. RATED, XLP INSULATED. CONNECT TO LUMINAIRE WITH CRIMP TYPE CONNECTORS EQUAL TO 3M TYPE MV.

CIRCUIT TAGS, BOTH SIDES OF ALL FUSES (TYPICAL)

IN LINE FUSE ASSEMBLY TWO POLE, 600 VAC, WITH 5 AMP FNQ FUSES (SEE DETAIL "A") TAPE AND VARNISH CRIMPED END FERRULES FUSE HOLDER EQUAL TO BUSSMAN TYPE HEX WITH INSULATING BOOTS.

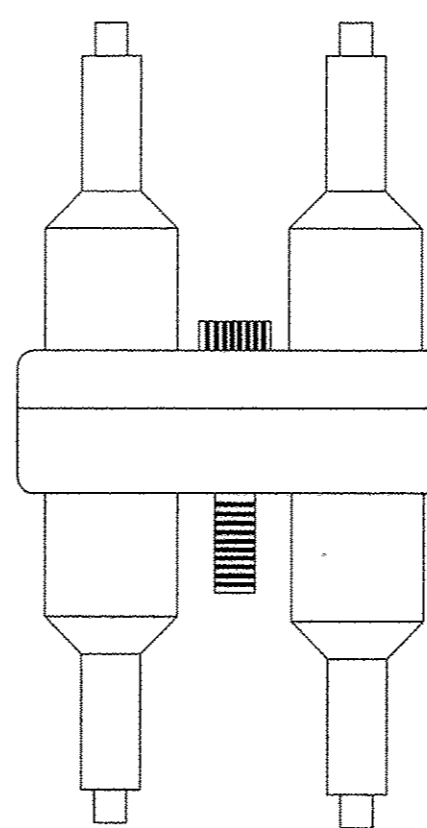
LARGE HANDHOLE & COVER

18" PIGTAIL BETWEEN CONNECTORS AND FUSEHOLDERS

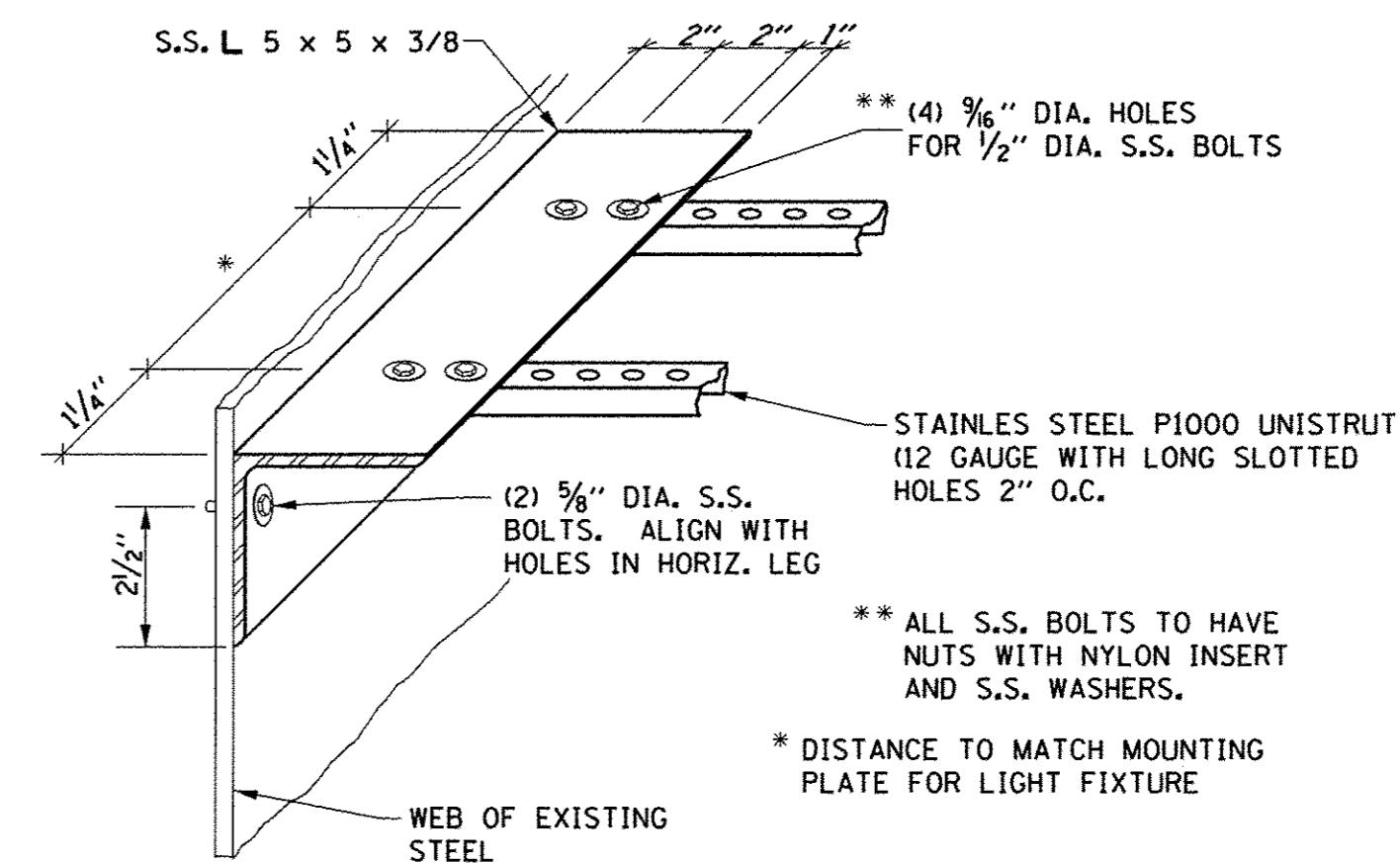
APPROVED PRESSURE OR COMPRESSION TYPE CONNECTORS, BUILT UP WITH RUBBER TAPE OR PUTTY, THEN TAPED AND VARNISHED.

U.S.E. RATED XLP INSULATED COPPER STRANDED UNGROUNDED CIRCUIT CONDUCTORS FROM SYSTEM RACEWAY

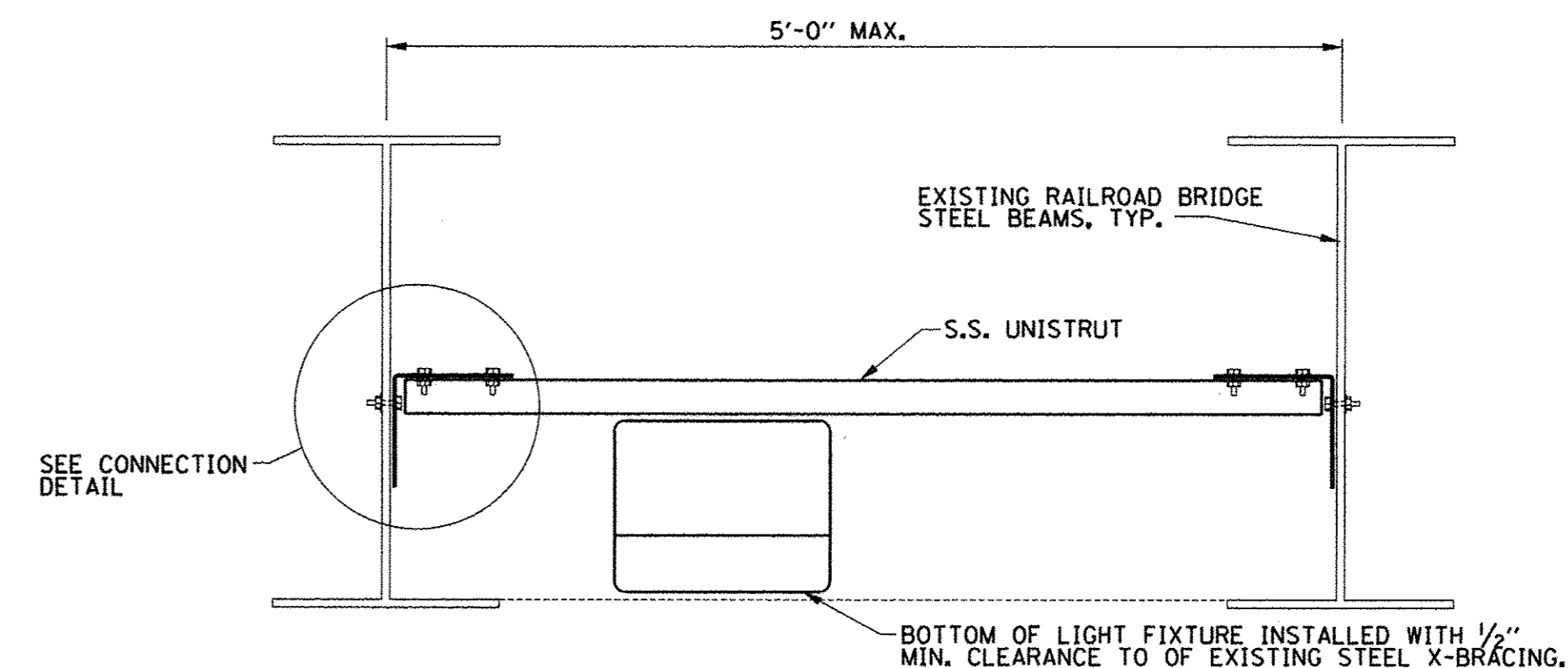
NOTE: WIRING FOR POLE RECEPTACLES IN PROJECT ARE NOT SHOWN FOR CLARITY



DETAIL "A"
DOUBLE POLE



CONNECTION DETAIL



ELEVATION VIEW

2 WIRE - 240 VAC (UNGROUNDING CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

LOCATION: PROJECT 2 & PROJECT 3
NO SCALE

UNDERPASS LUMINAIRE (SPECIAL) MOUNTING DETAIL

LOCATION: PROJECT 2 (VIADUCT)
NO SCALE



FILE NAME = P:\C0010720_MCORE\Plans\sheet2\Project2\P2-sht-1lighting.dgn
PLOT DATE = 8/24/2016 2:46:56 PM

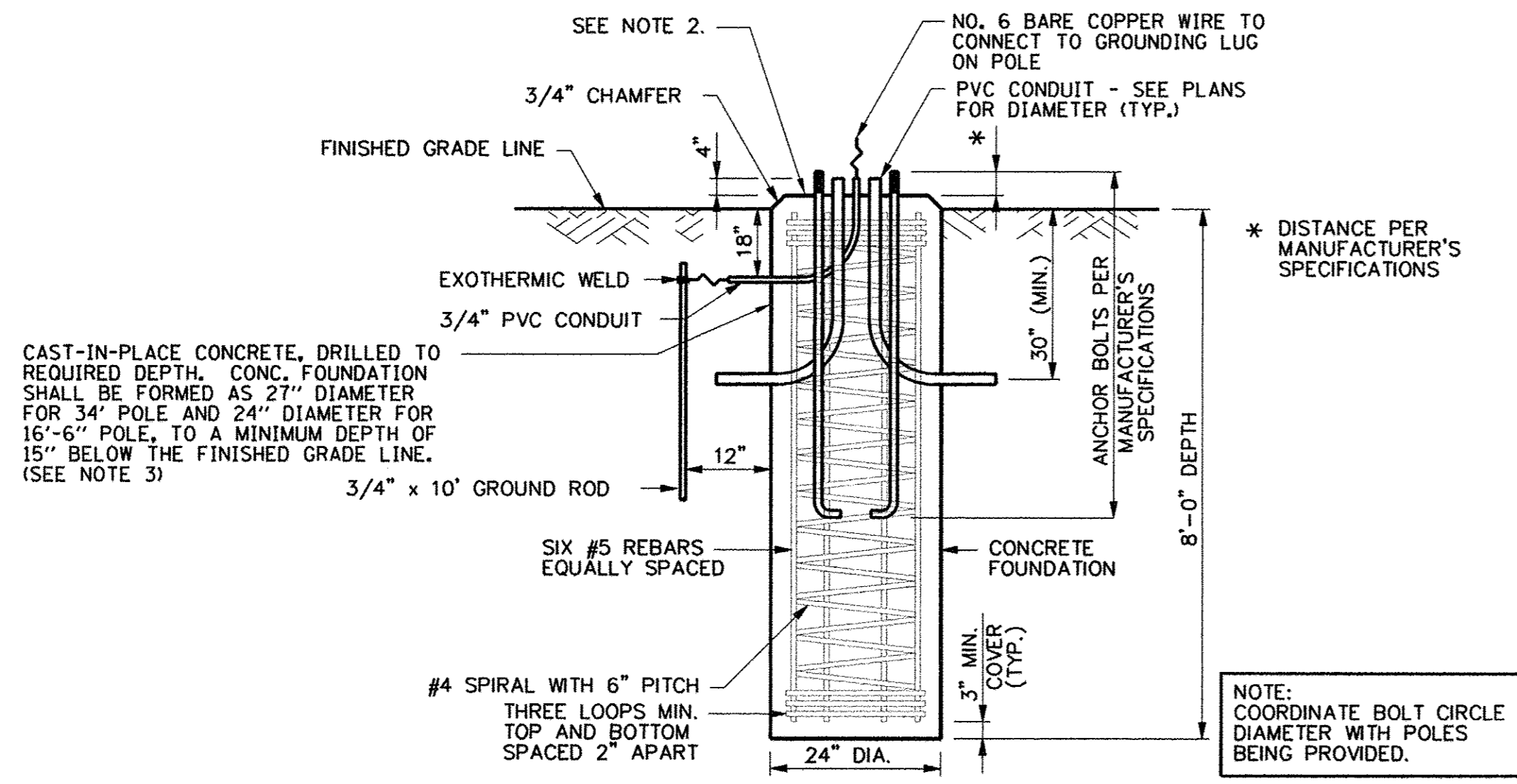
DESIGNED - M.L.S.	REVISED - M.L.S.
DRAWN - D.L.M.	REVISED - R.J.H.
CHECKED - L.M.Z.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 318 OF 412 SHEETS STA. TO STA.

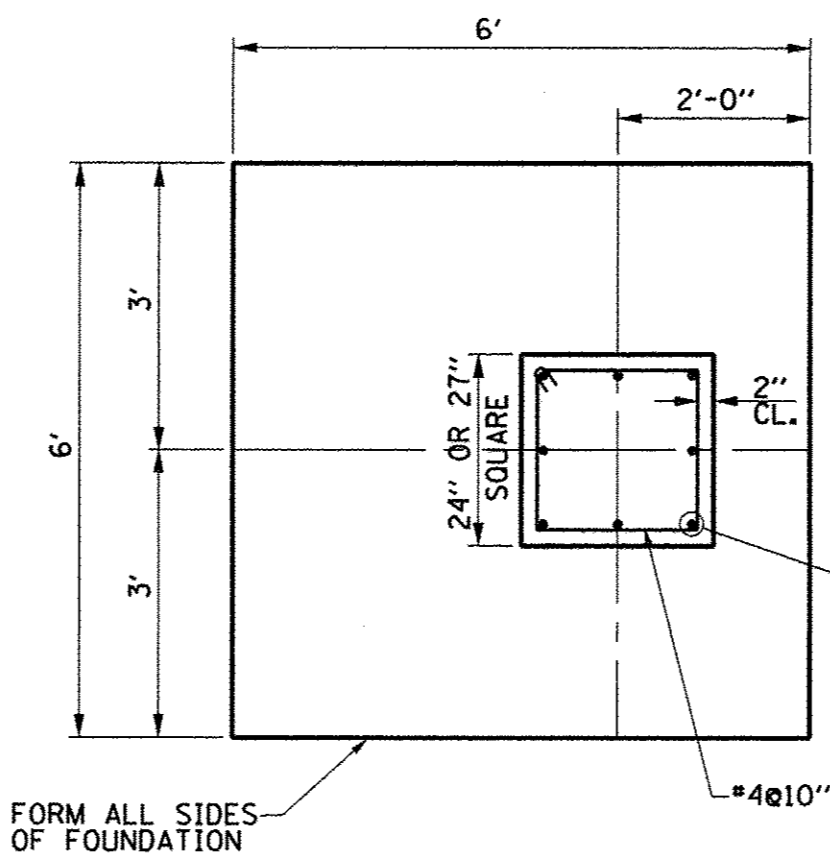
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	318
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				



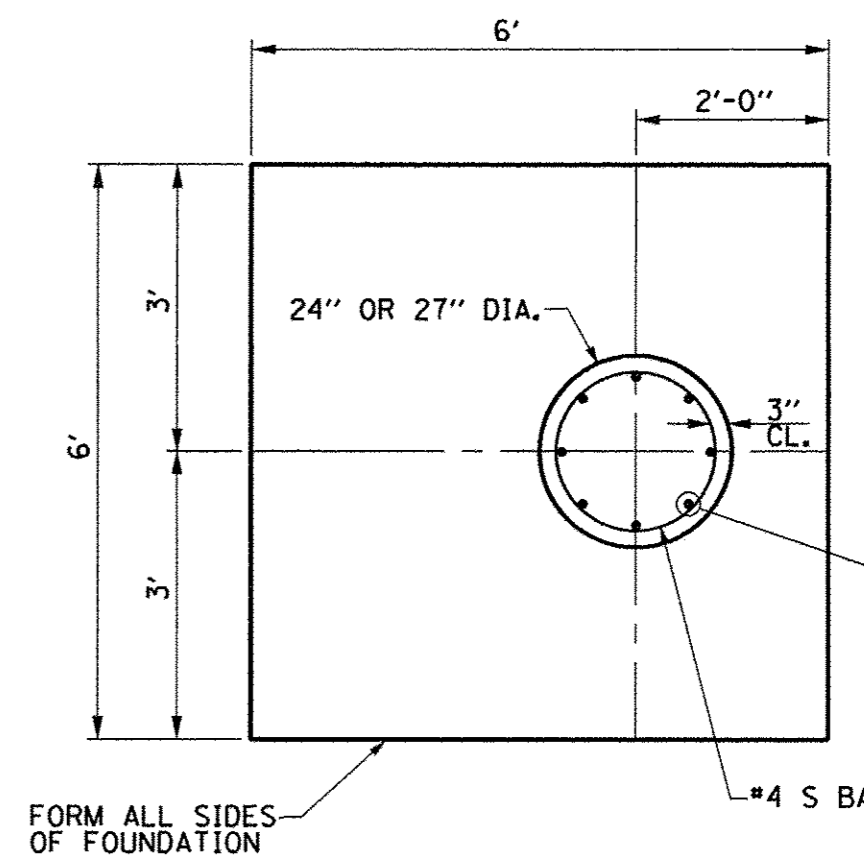
CAST-IN-PLACE CONCRETE, DRILLED TO REQUIRED DEPTH. CONC. FOUNDATION SHALL BE FORMED AS 27" DIAMETER FOR 34" POLE AND 24" DIAMETER FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE. (SEE NOTE 3)

- NOTES**
1. THE CONTRACTOR SHALL USE CARE IN CONSTRUCTING THE CONCRETE FOUNDATIONS FOR THE LIGHT POLES THAT ARE NEAR TRENCH EXCAVATIONS FOR BOX CULVERTS OR STORM SEWERS. THE TRENCH BACKFILL MATERIAL OR CONTROLLED LOW-STRENGTH MATERIAL SHALL BE BLOCKED OUT AT THE CONCRETE FOUNDATION LOCATIONS TO ALLOW FOR THEIR LATER CONSTRUCTION AS DIRECTED BY THE ENGINEER.
 2. THE TOP OF CONCRETE FOUNDATION SHALL BE 4" ABOVE GRADE IN TURF AREAS OR 1" ABOVE GRADE IN PAVED AREAS.
 3. THE TOP OF EACH FOUNDATION SHALL BE FORMED CIRCULAR WITH A 27" DIAMETER FOR 34' POLE AND 24" DIAMETER FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE.

NOTE: COORDINATE BOLT CIRCLE DIAMETER WITH POLES BEING PROVIDED.



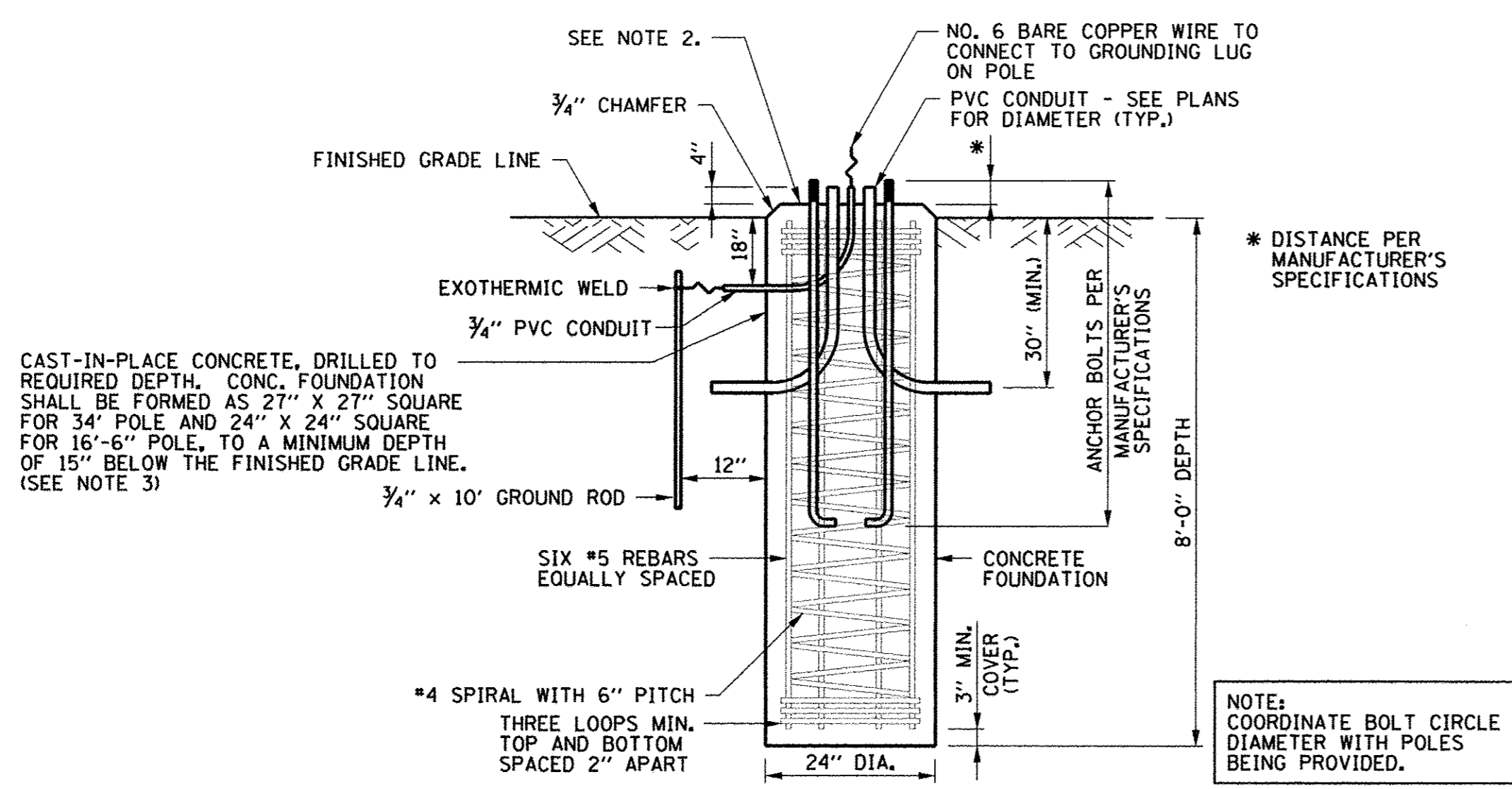
NOTE: THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR LIGHT POLE FOUNDATION, EACH.



NOTE: THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR LIGHT POLE FOUNDATION, EACH.

LIGHT POLE FOUNDATION, 24" DIAMETER

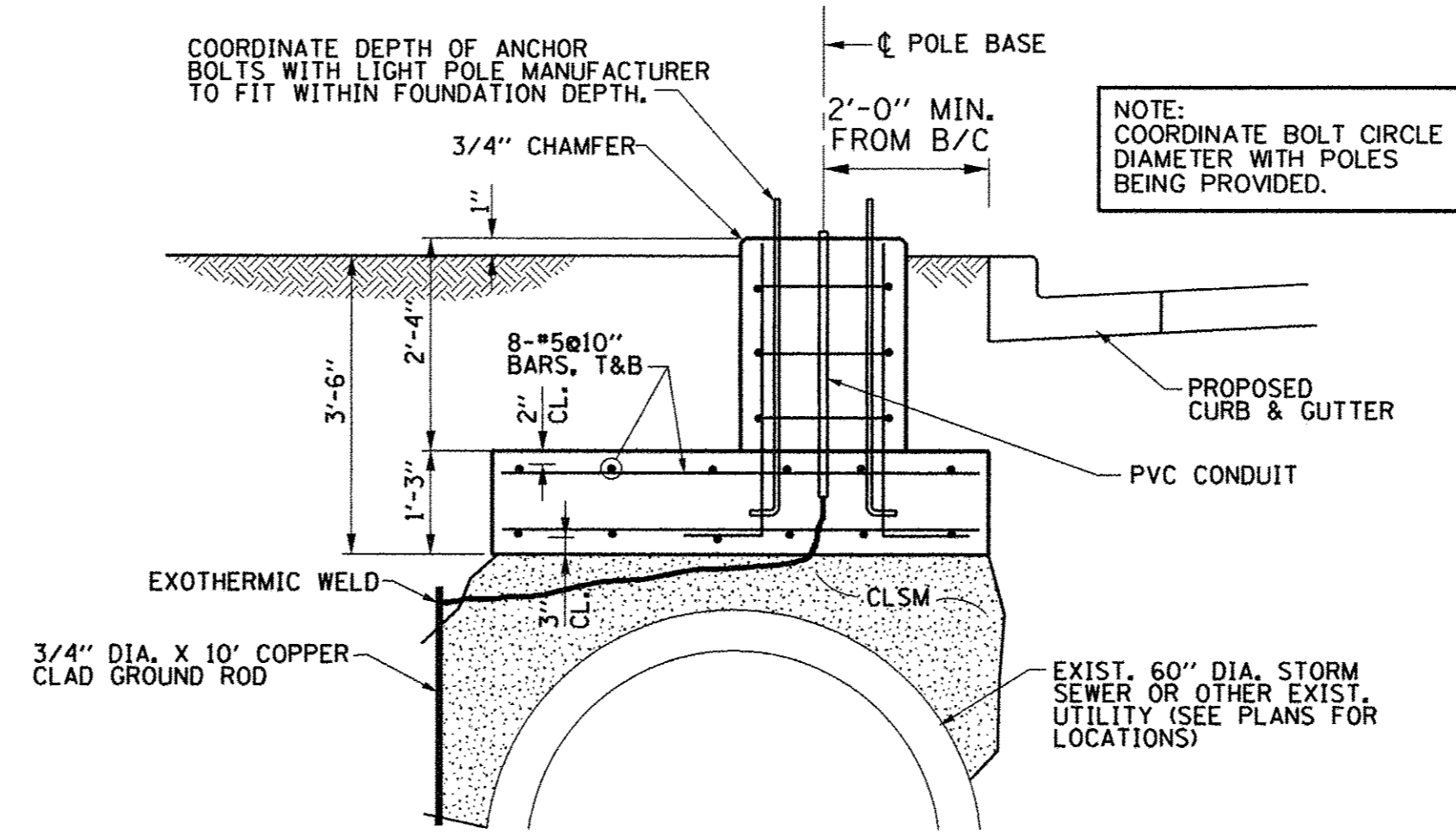
LOCATION: PROJECT 3, PROJECT 2 (TURF AREA)
NO SCALE



CAST-IN-PLACE CONCRETE, DRILLED TO REQUIRED DEPTH. CONC. FOUNDATION SHALL BE FORMED AS 27" X 27" SQUARE FOR 34" POLE AND 24" X 24" SQUARE FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE. (SEE NOTE 3)

- NOTES**
1. THE CONTRACTOR SHALL USE CARE IN CONSTRUCTING THE CONCRETE FOUNDATIONS FOR THE LIGHT POLES THAT ARE NEAR TRENCH EXCAVATIONS FOR BOX CULVERTS OR STORM SEWERS. THE TRENCH BACKFILL MATERIAL OR CONTROLLED LOW-STRENGTH MATERIAL SHALL BE BLOCKED OUT AT THE CONCRETE FOUNDATION LOCATIONS TO ALLOW FOR THEIR LATER CONSTRUCTION AS DIRECTED BY THE ENGINEER.
 2. THE TOP OF CONCRETE FOUNDATION SHALL BE 4" ABOVE GRADE IN TURF AREAS OR 1" ABOVE GRADE IN PAVED AREAS.
 3. THE TOP OF EACH FOUNDATION SHALL BE FORMED AS A 27" X 27" SQUARE FOR 34' POLE AND 24" X 24" SQUARE FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE.

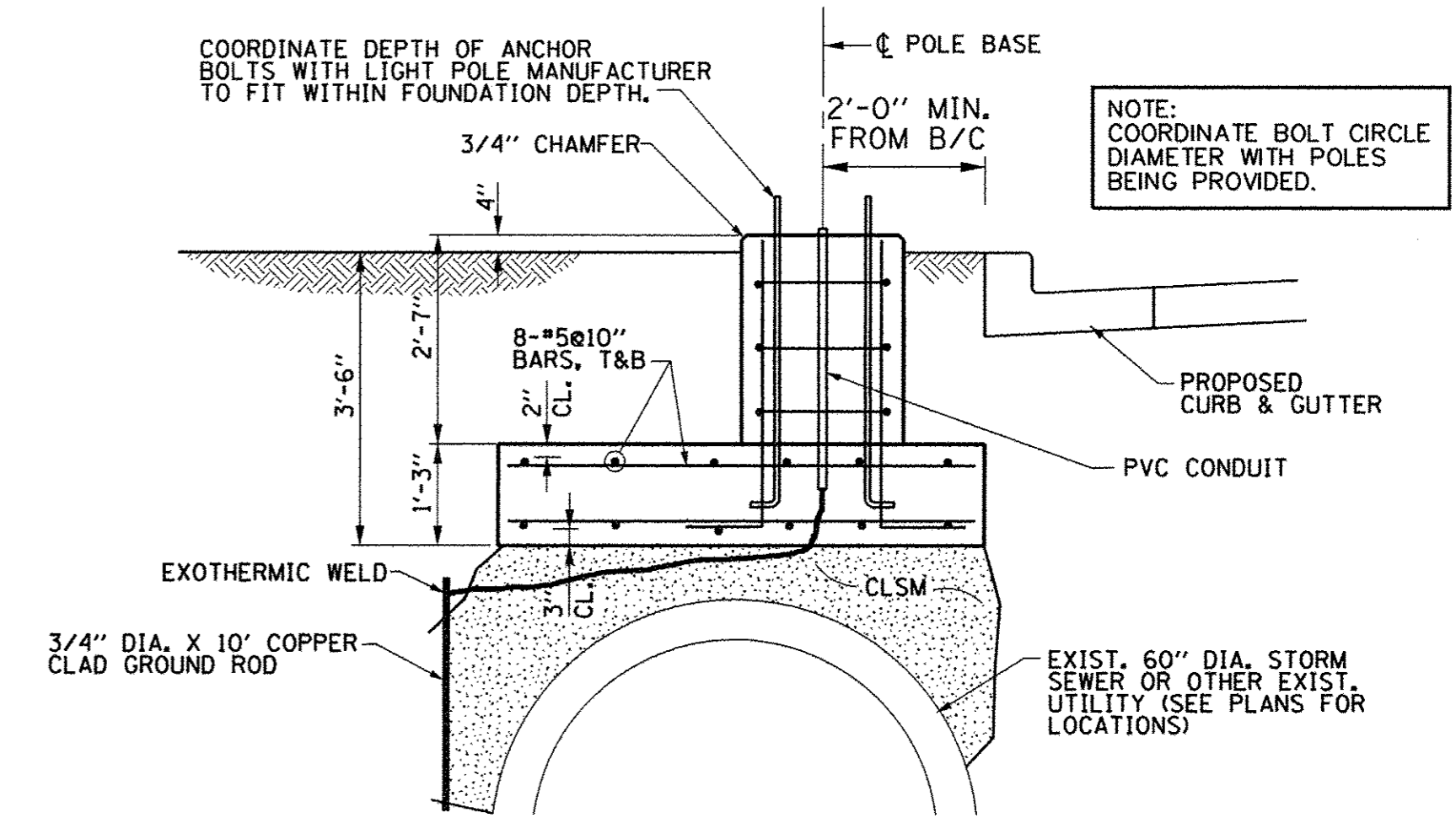
NOTE: COORDINATE BOLT CIRCLE DIAMETER WITH POLES BEING PROVIDED.



NOTE: COORDINATE BOLT CIRCLE DIAMETER WITH POLES BEING PROVIDED.

- NOTES**
1. THE CONTRACTOR SHALL USE CARE IN CONSTRUCTING THE CONCRETE FOUNDATIONS FOR THE LIGHT POLES THAT ARE NEAR TRENCH EXCAVATIONS FOR BOX CULVERTS OR STORM SEWERS. THE TRENCH BACKFILL MATERIAL OR CONTROLLED LOW-STRENGTH MATERIAL SHALL BE BLOCKED OUT AT THE CONCRETE FOUNDATION LOCATIONS TO ALLOW FOR THEIR LATER CONSTRUCTION AS DIRECTED BY THE ENGINEER.
 2. THE TOP OF CONCRETE FOUNDATION SHALL BE 4" ABOVE GRADE IN TURF AREAS OR 1" ABOVE GRADE IN PAVED AREAS.
 3. THE TOP OF EACH FOUNDATION SHALL BE FORMED AS A 27" X 27" SQUARE FOR 34' POLE AND 24" X 24" SQUARE FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE.

PAVER AREA



NOTE: COORDINATE BOLT CIRCLE DIAMETER WITH POLES BEING PROVIDED.

- NOTES**
1. THE CONTRACTOR SHALL USE CARE IN CONSTRUCTING THE CONCRETE FOUNDATIONS FOR THE LIGHT POLES THAT ARE NEAR TRENCH EXCAVATIONS FOR BOX CULVERTS OR STORM SEWERS. THE TRENCH BACKFILL MATERIAL OR CONTROLLED LOW-STRENGTH MATERIAL SHALL BE BLOCKED OUT AT THE CONCRETE FOUNDATION LOCATIONS TO ALLOW FOR THEIR LATER CONSTRUCTION AS DIRECTED BY THE ENGINEER.
 2. THE TOP OF CONCRETE FOUNDATION SHALL BE 4" ABOVE GRADE IN TURF AREAS OR 1" ABOVE GRADE IN PAVED AREAS.
 3. THE TOP OF EACH FOUNDATION SHALL BE FORMED CIRCULAR WITH A 27" DIAMETER FOR 34' POLE AND 24" DIAMETER FOR 16'-6" POLE, TO A MINIMUM DEPTH OF 15" BELOW THE FINISHED GRADE LINE.

TURF AREA

LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL

LOCATION: PROJECT 2 (PAVER AREA)
NO SCALE

LIGHT POLE FOUNDATION, SPECIAL

LOCATION: PROJECT 2 (SEE PLANS)
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheet\Project2\P2-sht-1lighting.dgn
PLOT DATE = 3/23/2016 4:57:52 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

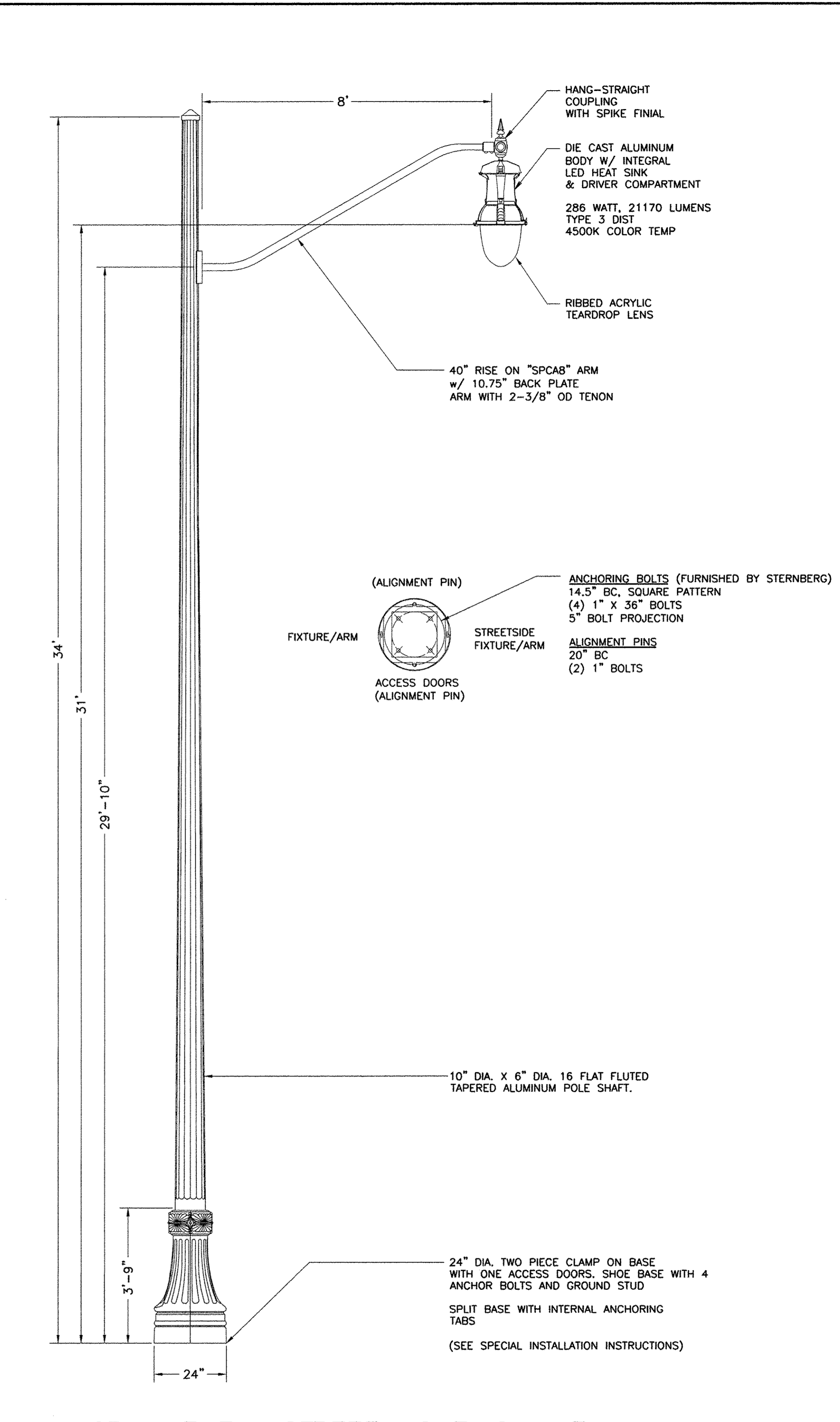
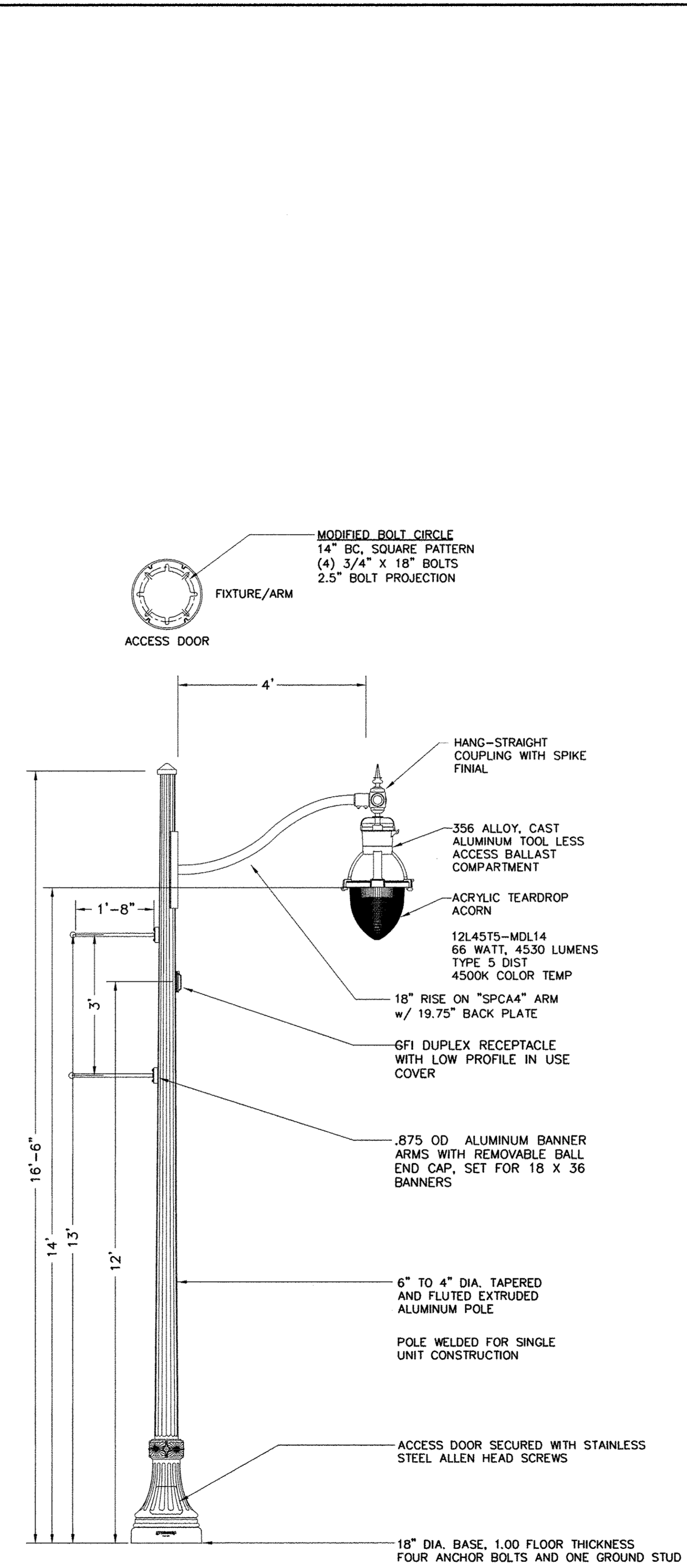
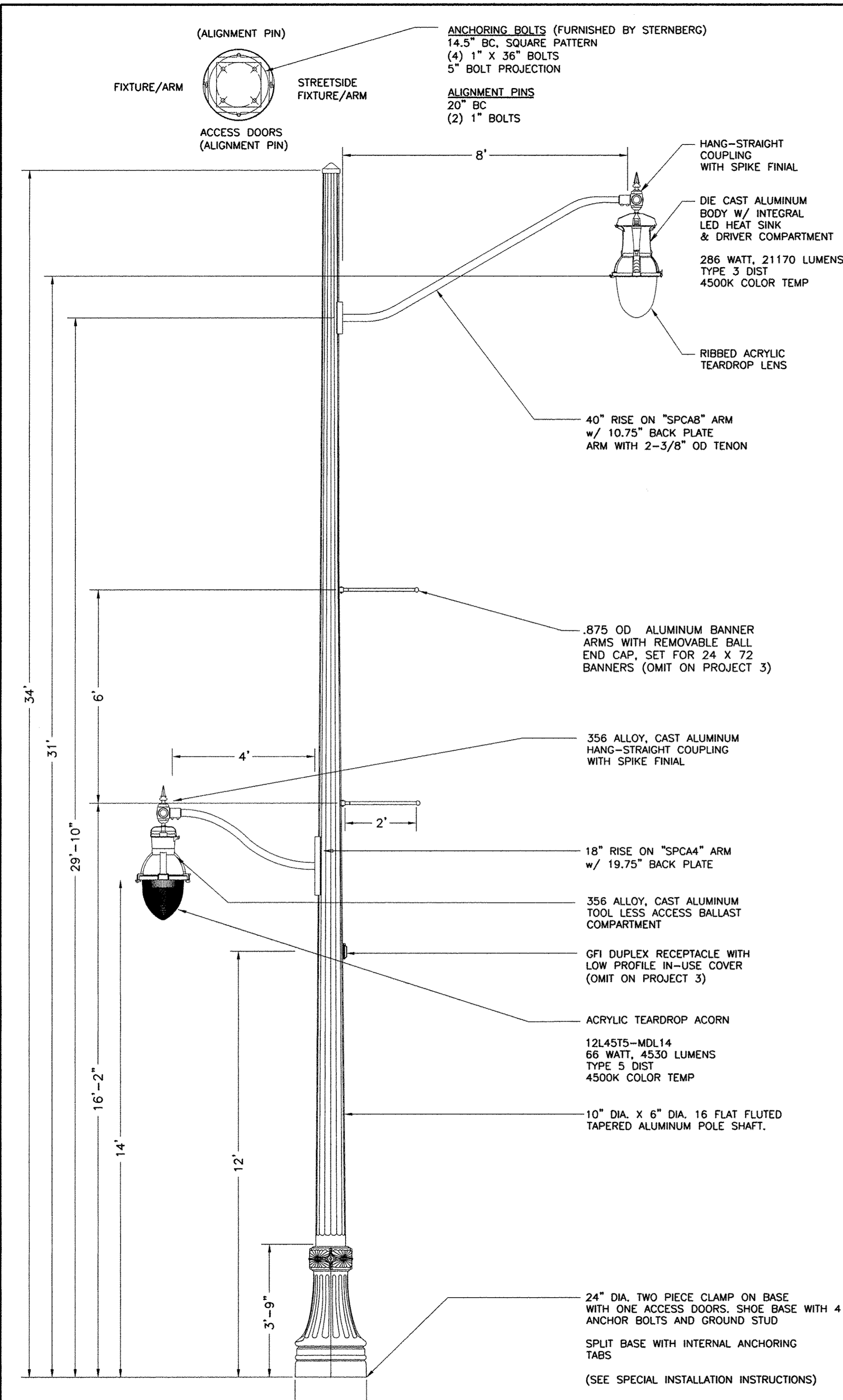
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 319 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	319
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				





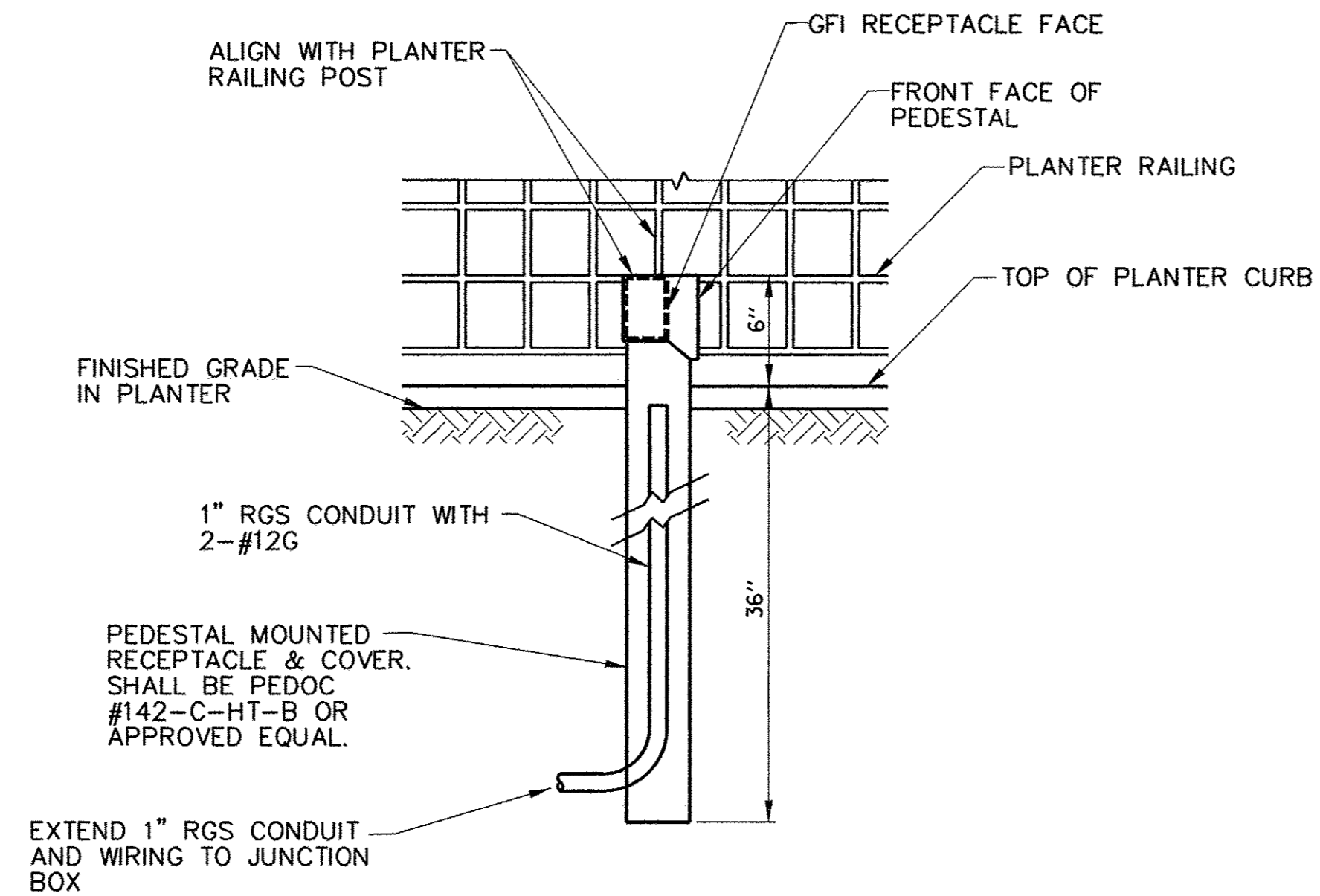
FILE NAME = p:\c0010720_mcore\plans\sheet\Project2\p2-sht-lighting.dgn
 PLOT DATE = 3/23/2016 4:57:53 PM

DESIGNED - M.L.S.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - L.M.Z.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

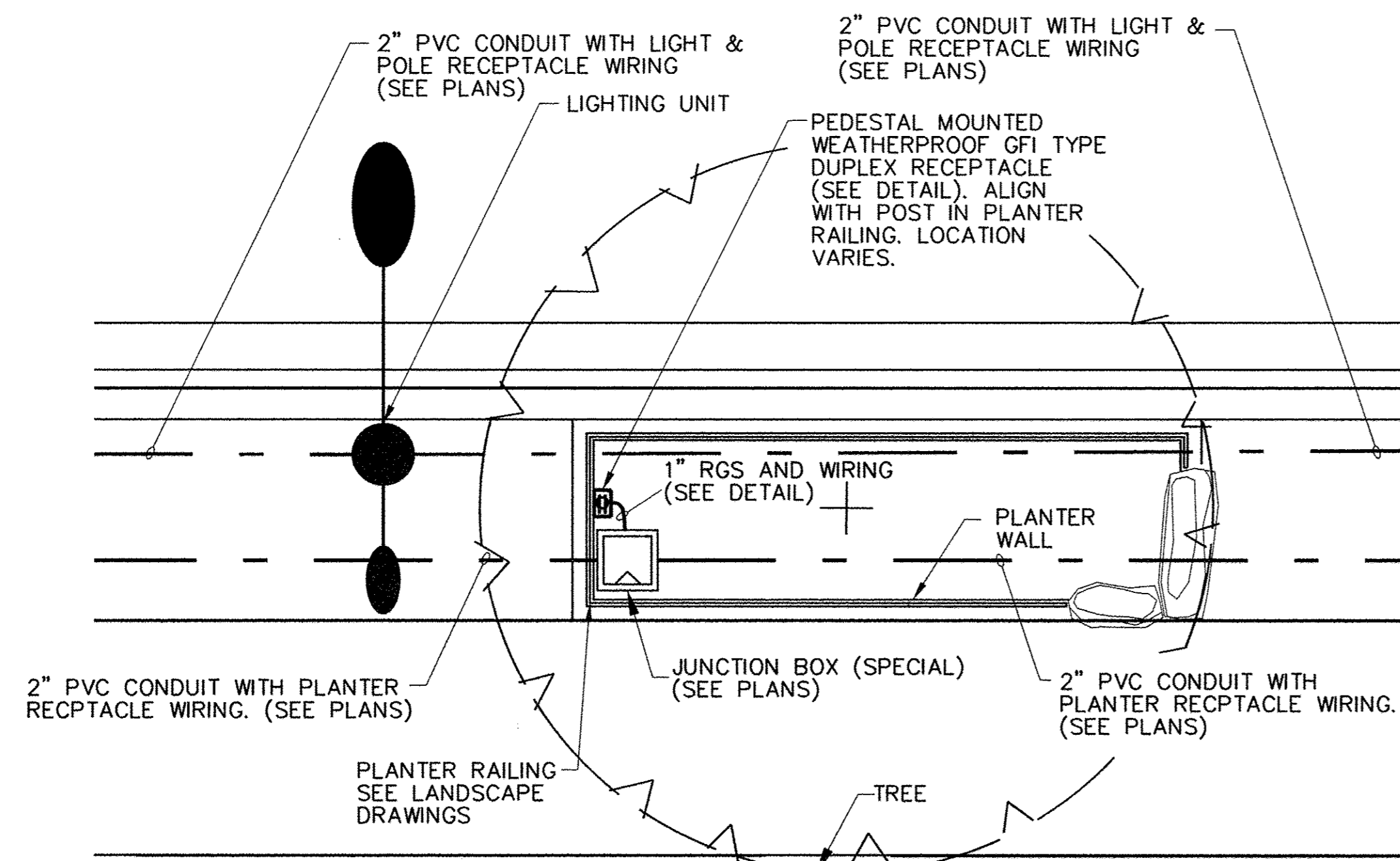
ROADWAY LIGHTING PLANS - DETAILS
 SCALE : NONE SHEET NO. 320 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	320
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181058				



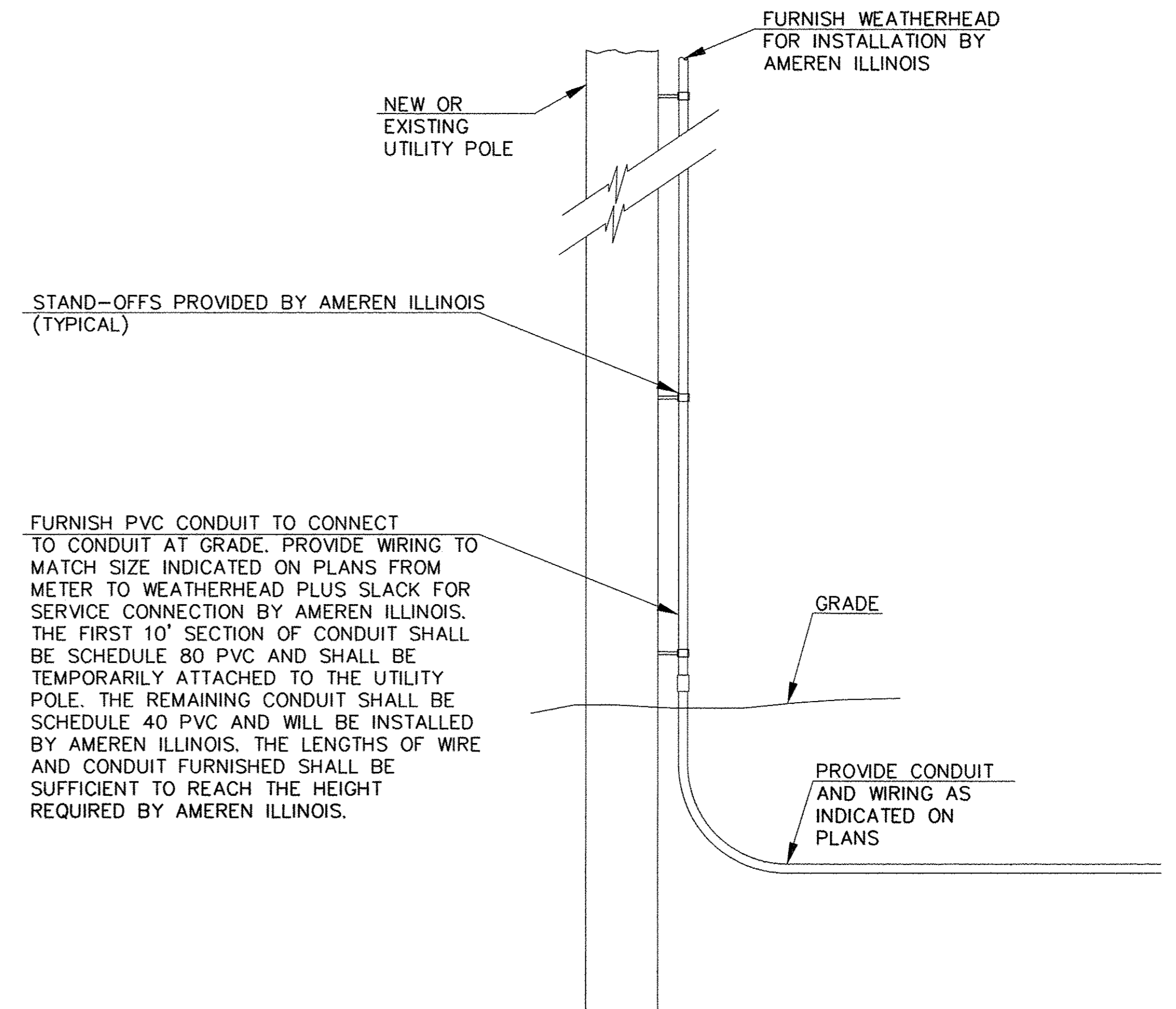
PLANTER RECEPTACLE DETAIL

LOCATION: PROJECT 2
NO SCALE



PLANTER RECEPTACLE JUNCTION BOX DETAIL

LOCATION: PROJECT 2
NO SCALE



NOTE: ENTIRE SERVICE INSTALLATION SHALL BE IN ACCORDANCE WITH AMEREN ILLINOIS REQUIREMENTS, THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE, AND ALL STATE AND LOCAL CODES OR REQUIREMENTS.

SERVICE INSTALLATION DETAIL

LOCATION: PROJECT 2 & PROJECT 3
NO SCALE

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-11ghting.dgn
PLOT DATE = 3/23/2016 4:57:54 PM

DESIGNED - M.L.S.
DRAWN - D.L.M.
CHECKED - L.M.Z.
DATE - MARCH 2016

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 321 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	321
MCORE PROJECT 2 & 3		CONTRACT NO. 91540		
JOB NO. C-95-306-16		ILLINOIS FED. AID PROJECT TIG-5181058		

WIRING KEY:

- D** DMX DATA FEED: BELDEN #9729 IN 1" CONDUIT
- P** POWER FEED: 3 - #10 (INCL GROUND) IN 1" CONDUIT
- F** FIXTURE DATA FEED: 3 - #16 STRANDED IN 1" CONDUIT

PROPOSED ENCLOSURE FOR LIGHTING CONTROLS.
(SEE ROADWAY LIGHTING PLANS FOR LOCATION)

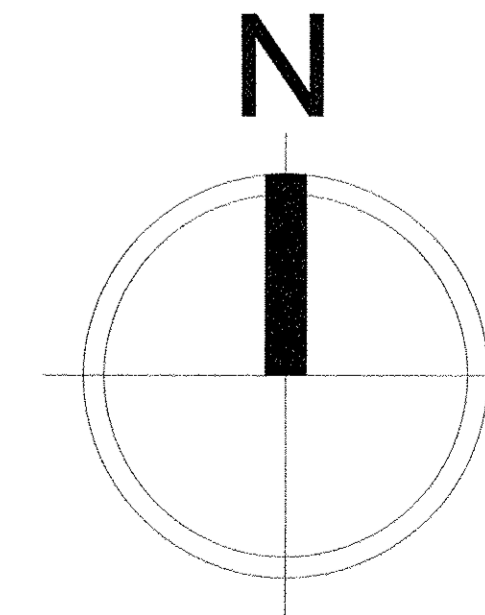
SEE CONTROL SYSTEM SCHEMATIC DETAIL FOR
ENCLOSURE CONTENTS AND REQUIREMENTS.
(NEXT SHEET)

NOTES:

- 1 -- THE GATEWAY LIGHTING PLAN AS SHOWN HEREIN WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR DECORATIVE LIGHTING SYSTEM COMPLETE, INCLUSIVE OF ALL COMPONENTS REQUIRED FOR FULLY FUNCTIONAL LIGHTING SYSTEM AS DESIGNED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 2 -- THE GATEWAY LIGHTING PLAN IS CONSIDERED SCHEMATIC. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE START OF WORK.
- 3 -- FOUR 1" DIAMETER CONDUITS SHALL BE INSTALLED FROM THE ENCLOSURE TO THE LIGHTING POWER & DATA CONTROL BOXES AS PART OF THIS PAY ITEM. THE SUGGESTED ROUTE FOR THE CONDUITS IS ALONG THE NORTH SIDE OF GREEN STREET TO THE WEST CORNER OF THE NORTH ABUTMENT, WITH TWO CONDUITS CONTINUING ACROSS THE STRUCTURE TO THE WEST CORNER OF THE SOUTH ABUTMENT. ALL CONDUITS ATTACHED TO STRUCTURE SHALL BE RIGID GALVANIZED STEEL (RGS). CONNECTIONS TO THE LIGHTING POWER & DATA CONTROL BOXES SHALL BE MADE WITH 1" LIQUID TIGHT CONDUIT TO ISOLATE VIBRATION. RGS CONDUIT, LIQUID TIGHT CONDUIT, AND EXPANSION FITTINGS SHALL BE INCLUDED AS PART OF THIS PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 4 -- THE APPROXIMATE DISTANCE FROM THE ENCLOSURE TO THE WEST CORNER OF THE NORTH ABUTMENT IS 180 FEET. SEE THE ROADWAY LIGHTING PLANS FOR THE APPROXIMATE LOCATION OF THE ENCLOSURE.

PLAN
GATEWAY LIGHTING

SCALE: NONE



seanmurphy LIGHTS
APPRECIATION THROUGH ILLUMINATION

FILE NAME = GatewayDecorativeLighting_SML_3-16-16
PLOT DATE = 03-16-16

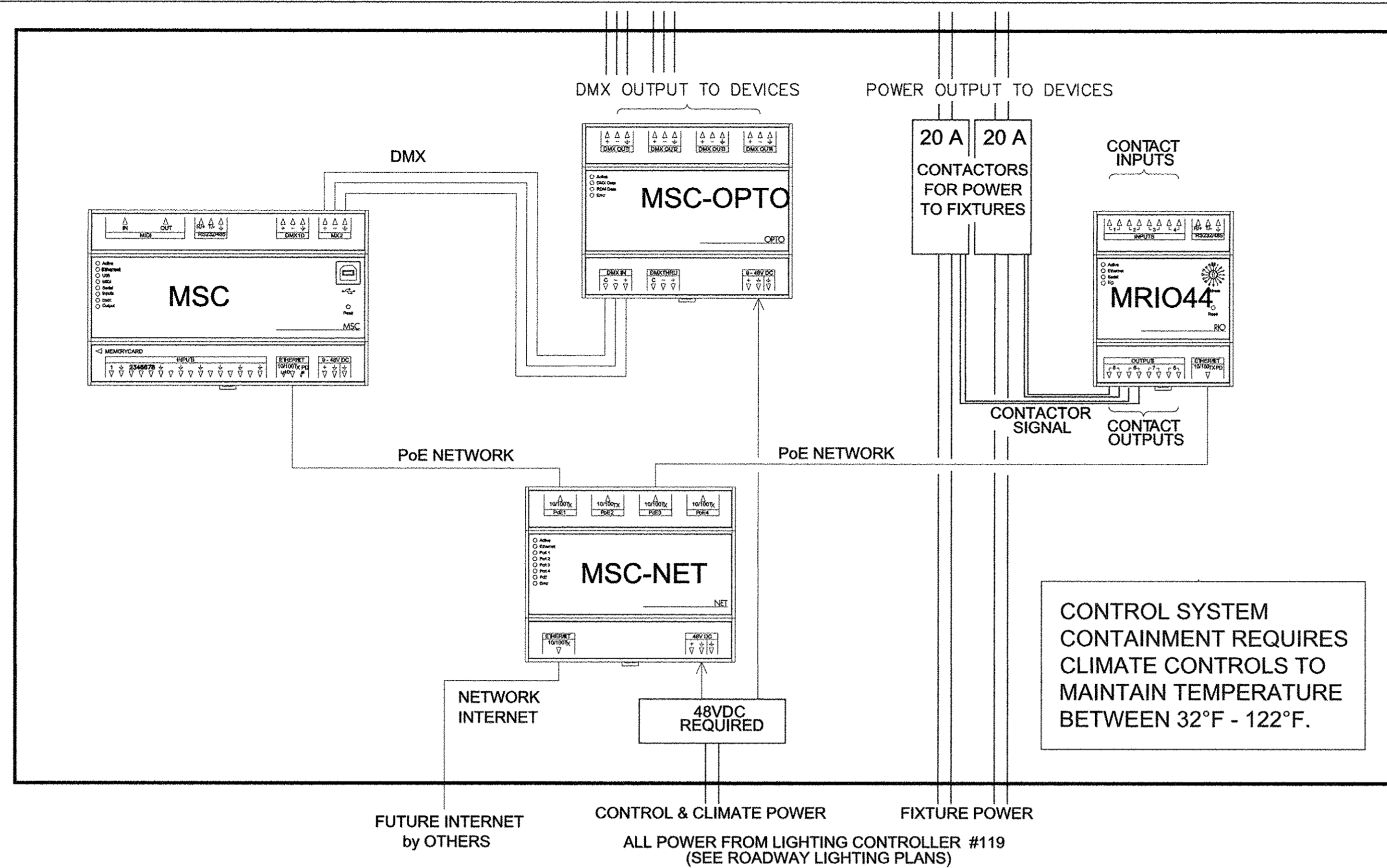
DESIGNED	— SCM	REVISED	—
DRAWN	— SCM	REVISED	—
CHECKED	— MLS	REVISED	—
DATE	— MARCH 2016	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GATEWAY LIGHTING PLANS
LAYOUT

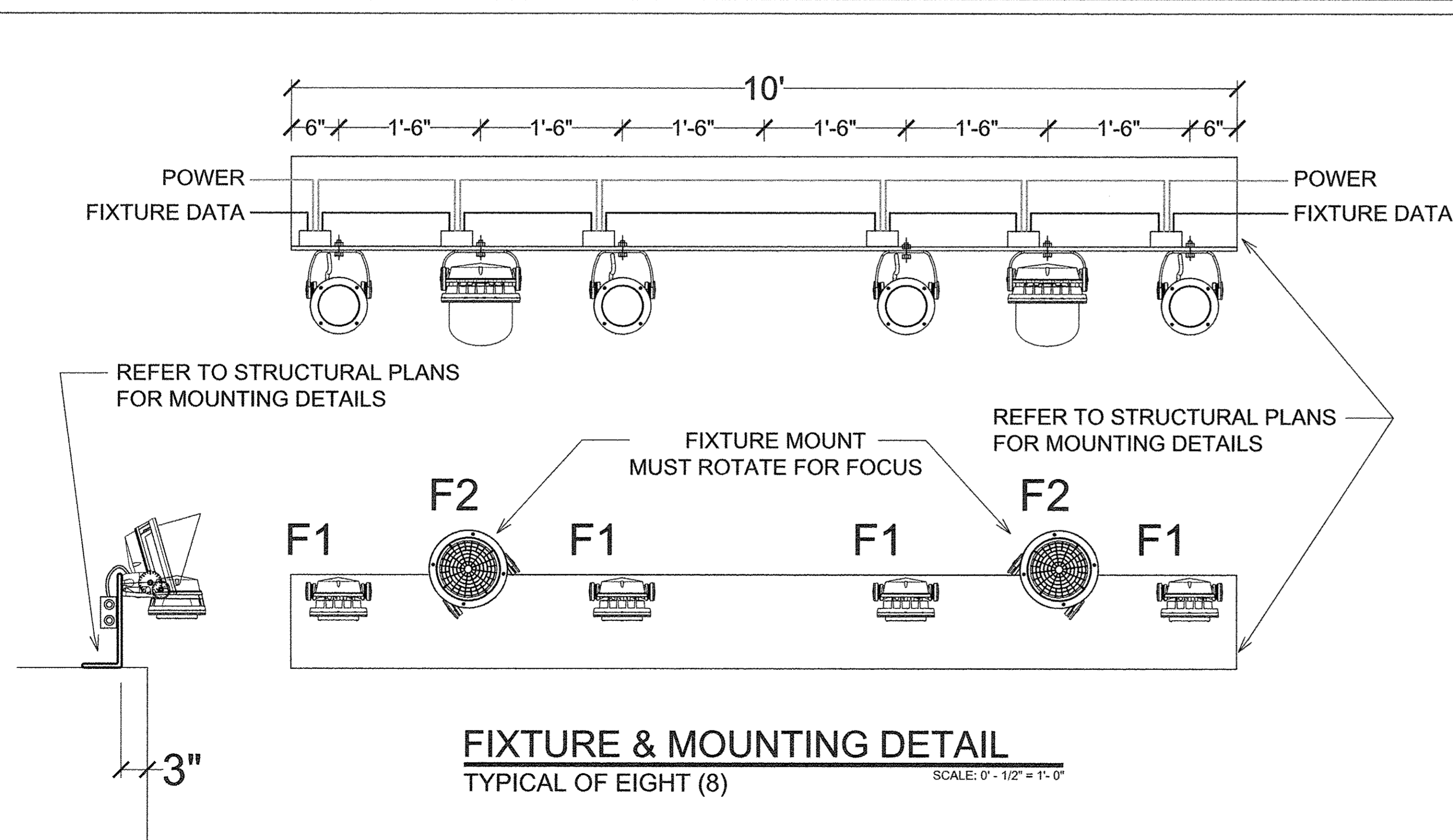
SCALE: NONE SHEET NO. 322 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	322
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(056)				



CONTROL SYSTEM SCHEMATIC DETAIL

SCALE: NONE



FIXTURE & MOUNTING DETAIL

TYPICAL OF EIGHT (8)

SCALE: 0' - 1/2" = 1' - 0"

GENERAL LIGHTING NOTES:

1. LIGHTING CONTROLS SHALL BE LOCATED IN A SEPARATE ENCLOSURE. SEE ROADWAY LIGHTING PLANS FOR LOCATION.
2. PROVIDE CONCRETE FOUNDATION, TYPE D IN ACCORDANCE WITH STANDARD 878001 FOR THE ENCLOSURE. THE INTEGRAL COLOR OF THE CONCRETE FOUNDATION SHALL MATCH THE COLOR OF THE ADJACENT PROPOSED CONCRETE SIDEWALK. SEE ROADWAY LIGHTING PLANS FOR ADDITIONAL INFORMATION.
3. ENCLOSURE SHALL BE AN ALUMINUM CABINET, NOT TO EXCEED 18" IN WIDTH OR 50" IN HEIGHT, WITH APPROPRIATE INTERNAL SPACE AND STRUCTURE TO ACCOMMODATE ALL REQUIRED EQUIPMENT. ENCLOSURE SHALL MEET OR EXCEED THE REQUIREMENTS OF A NEMA 4X RATING AND SHALL BE U.L. LISTED. ENCLOSURE SHALL BE PAINTED BLACK.
4. PROVIDE ALL REQUIRED EQUIPMENT AND WIRING FOR FULLY FUNCTIONING CONTROL SYSTEM AS DESIGNED, INCLUDING APPROPRIATE CONTACTOR SWITCHES.
5. ENCLOSURE SHALL INCLUDE CLIMATE CONTROLS TO MAINTAIN TEMPERATURE BETWEEN 32°F AND 122°F.
6. ALL INPUTS AND OUTPUTS SHALL ENTER AND EXIT VIA BOTTOM OF ENCLOSURE THROUGH CONDUIT IN CONCRETE FOUNDATION.
7. PROVIDE REQUIRED CONDUIT INPUTS AND OUTPUTS WITH CONCRETE FOUNDATION. PROVIDE POWER AND DATA CONDUIT, LINE VOLTAGE POWER WIRING, AND DATA WIRING FROM ENCLOSURE TO LIGHTING POWER & DATA CONTROL BOXES.
8. PROVIDE ALL WIRING, CONDUIT, MOUNTING HARDWARE, MOUNTING STRUCTURES, AND CONTROL WIRING DEVICES REQUIRED TO CONSTITUTE A FULLY FUNCTIONING LIGHTING SYSTEM AS DESIGNED,
9. SEE ROADWAY LIGHTING PLANS AND TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

FILE NAME = GatewayDecorativeLighting_SML_3-16-16
PLOT DATE = 03-16-16

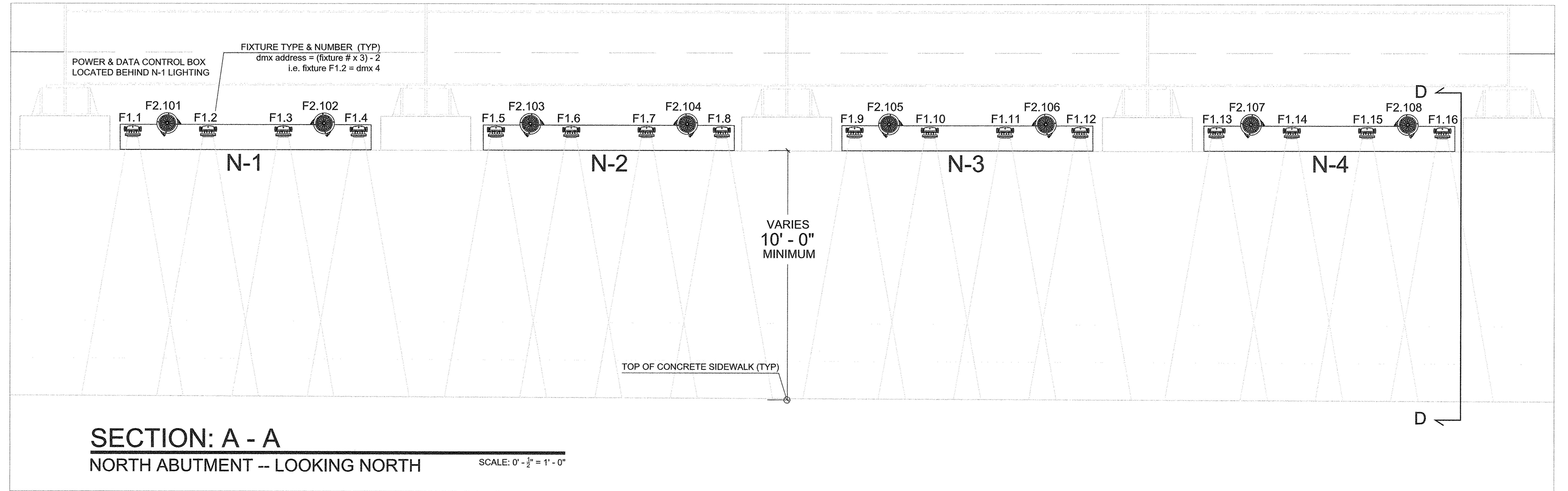
DESIGNED	— SCM	REVISED	—
DRAWN	— SCM	REVISED	—
CHECKED	— MLS	REVISED	—
DATE	— MARCH 2016	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GATEWAY LIGHTING PLANS
NOTES & DETAILS

SCALE: AS NOTED SHEET NO. 323 OF 412 SHEETS STA. TO STA.

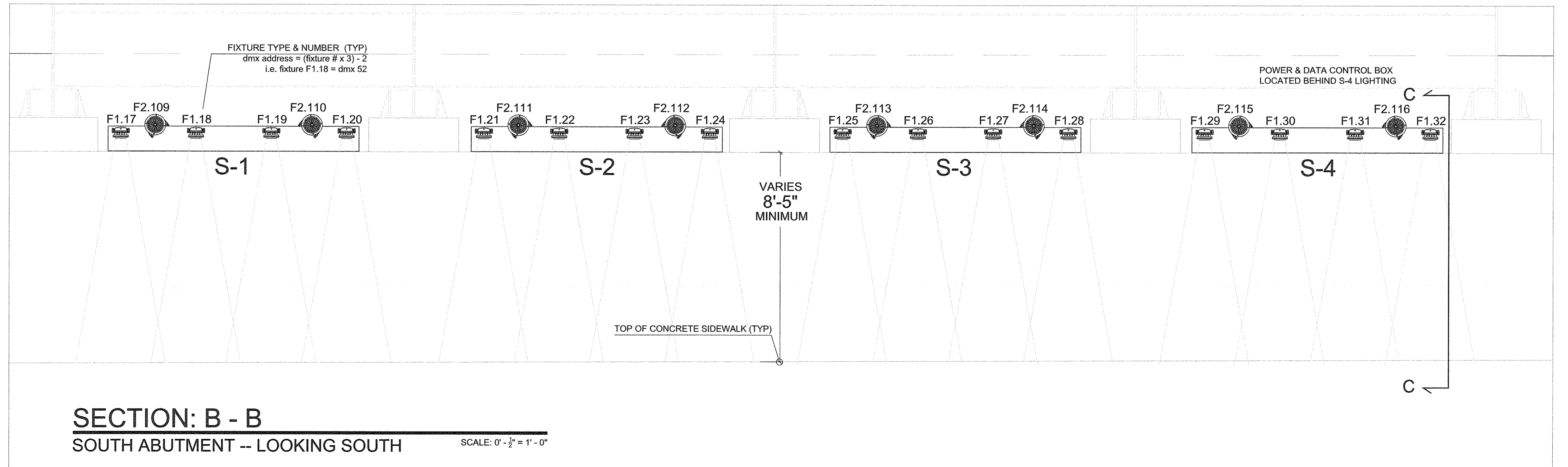
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	323
MCORE PROJECT 2			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(058)				



SECTION: A - A

NORTH ABUTMENT -- LOOKING NORTH

SCALE: 0' - 1/2" = 1' - 0"



SECTION: B - B

SOUTH ABUTMENT -- LOOKING SOUTH

SCALE: 0' - 1/2" = 1' - 0"

FILE NAME = GatewayDecorativeLighting_SML_3-18-16
PLOT DATE = 03-18-16

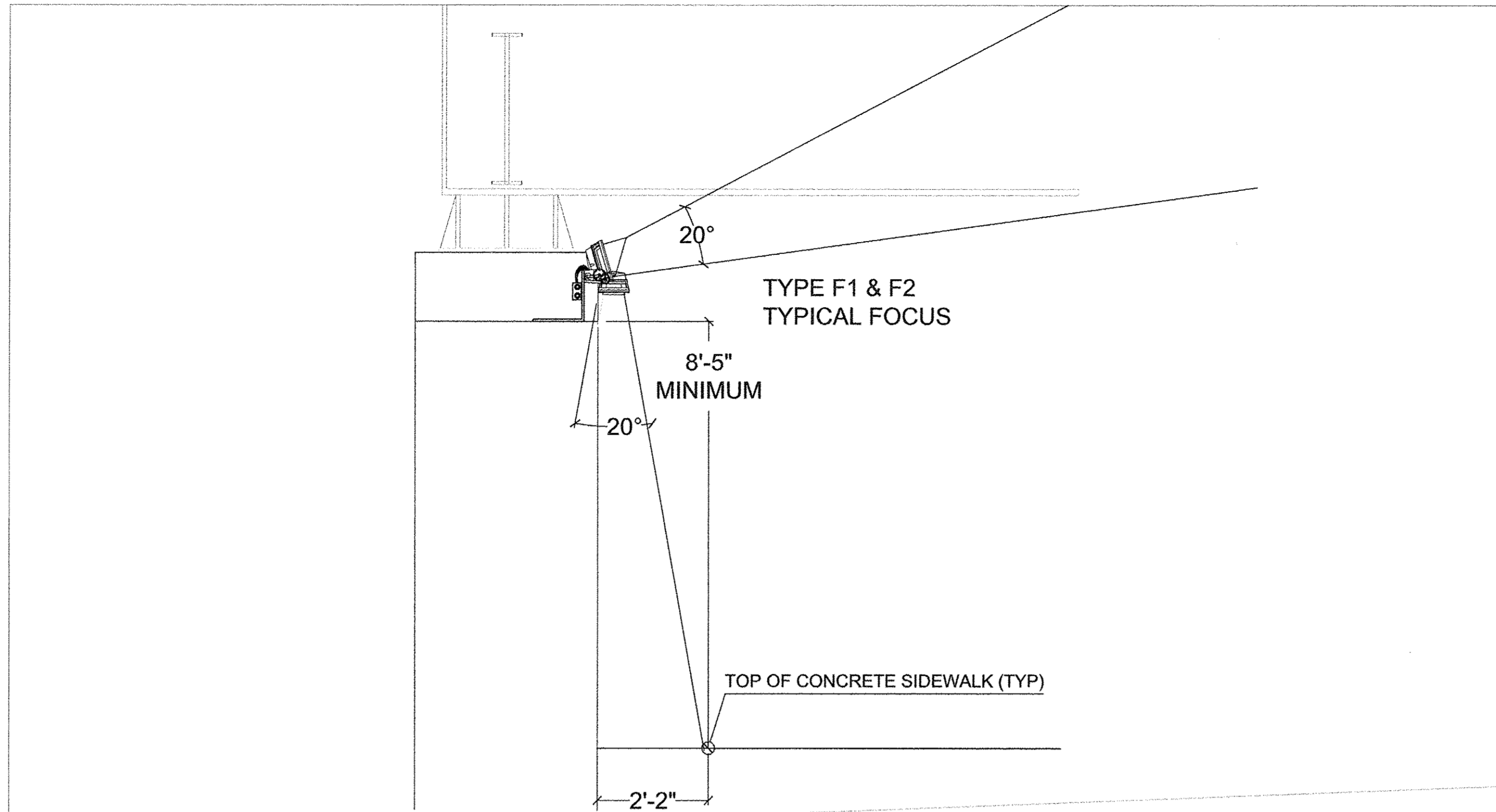
DESIGNED	—	SCM	REVISED	—
DRAWN	—	SCM	REVISED	—
CHECKED	—	MLS	REVISED	—
DATE	—	MARCH 2016	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

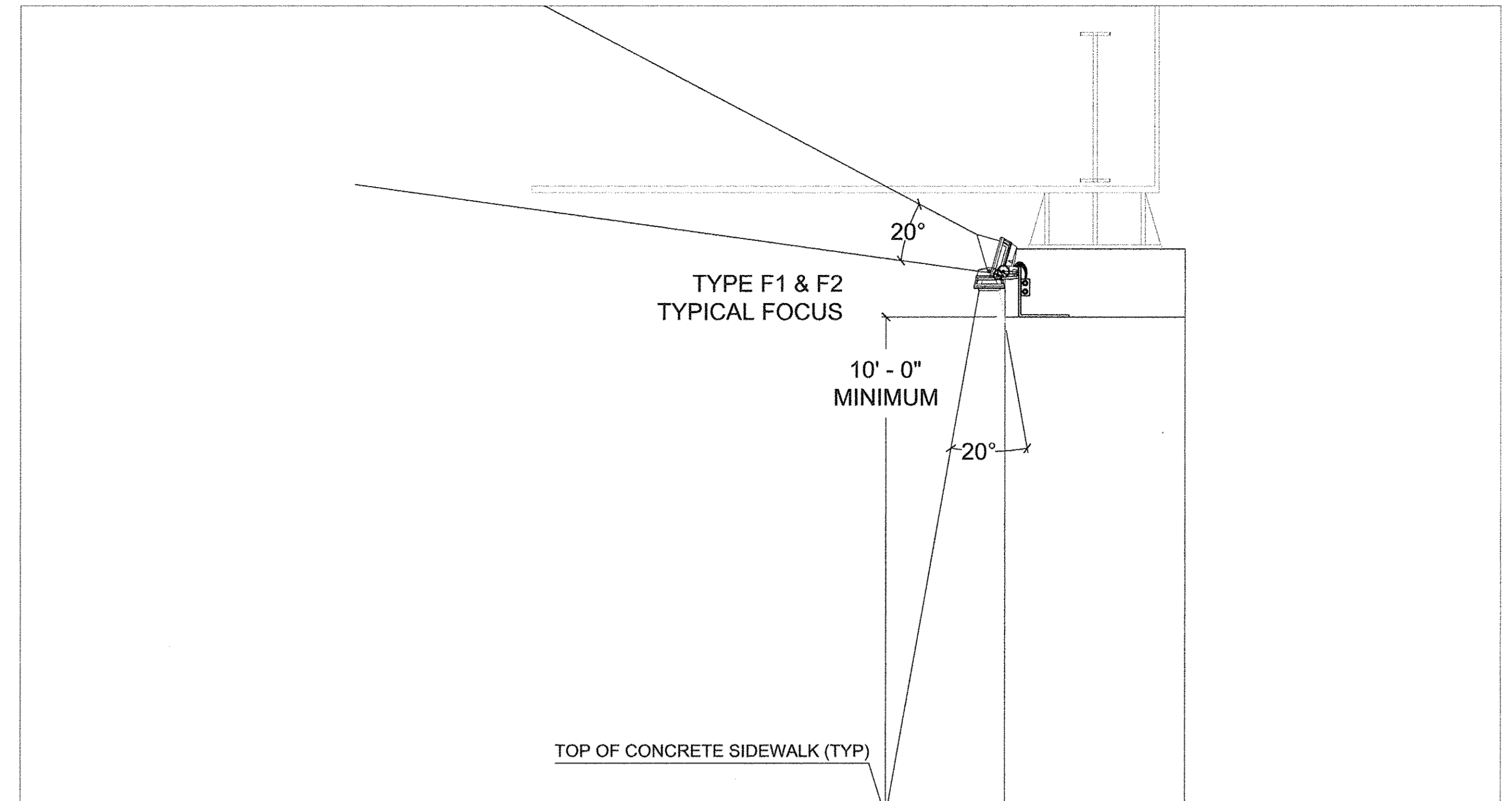
GATEWAY LIGHTING PLANS
SECTIONS

SCALE: AS NOTED SHEET NO. 324 OF 412 SHEETS STA. TO STA.

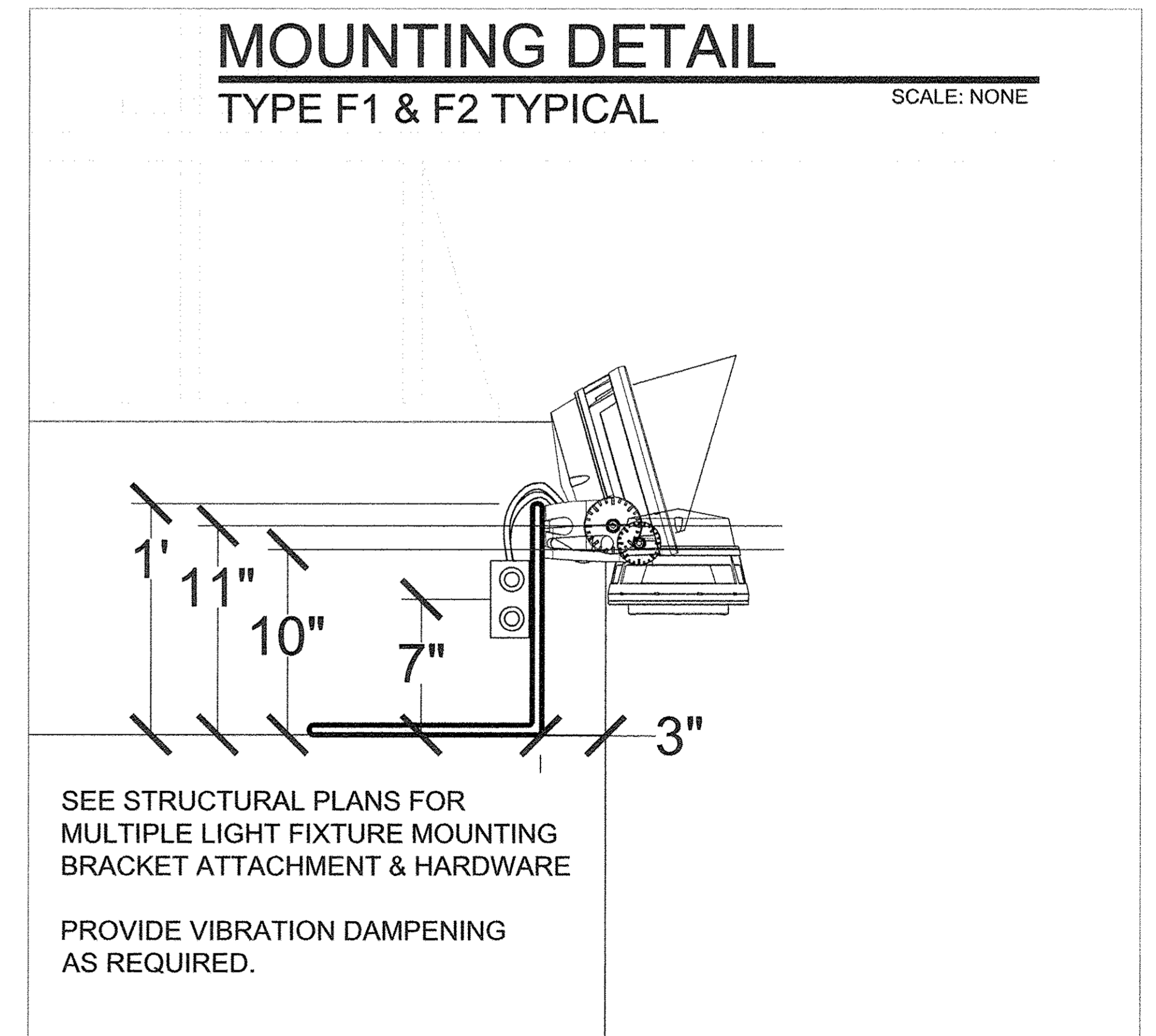
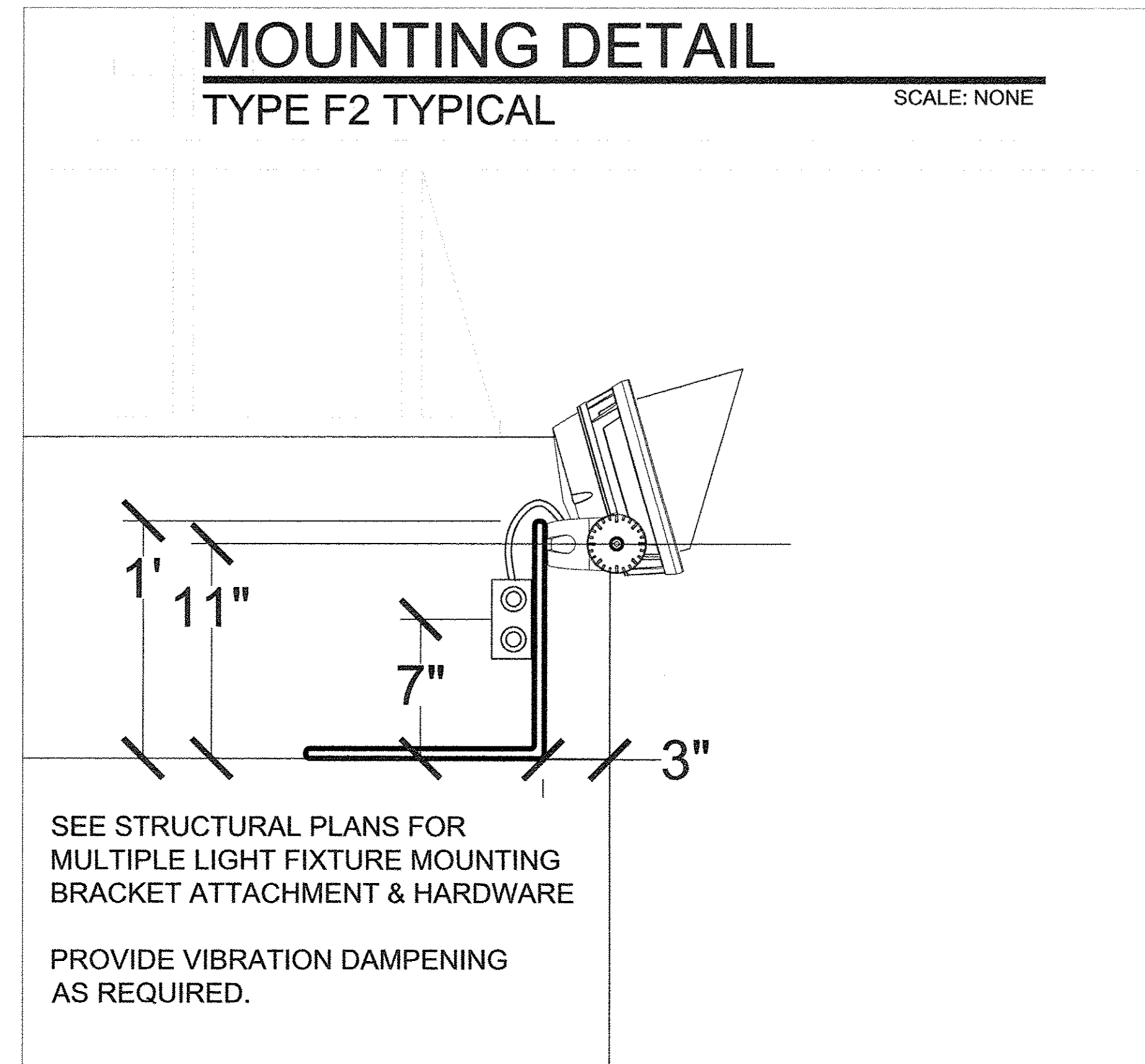
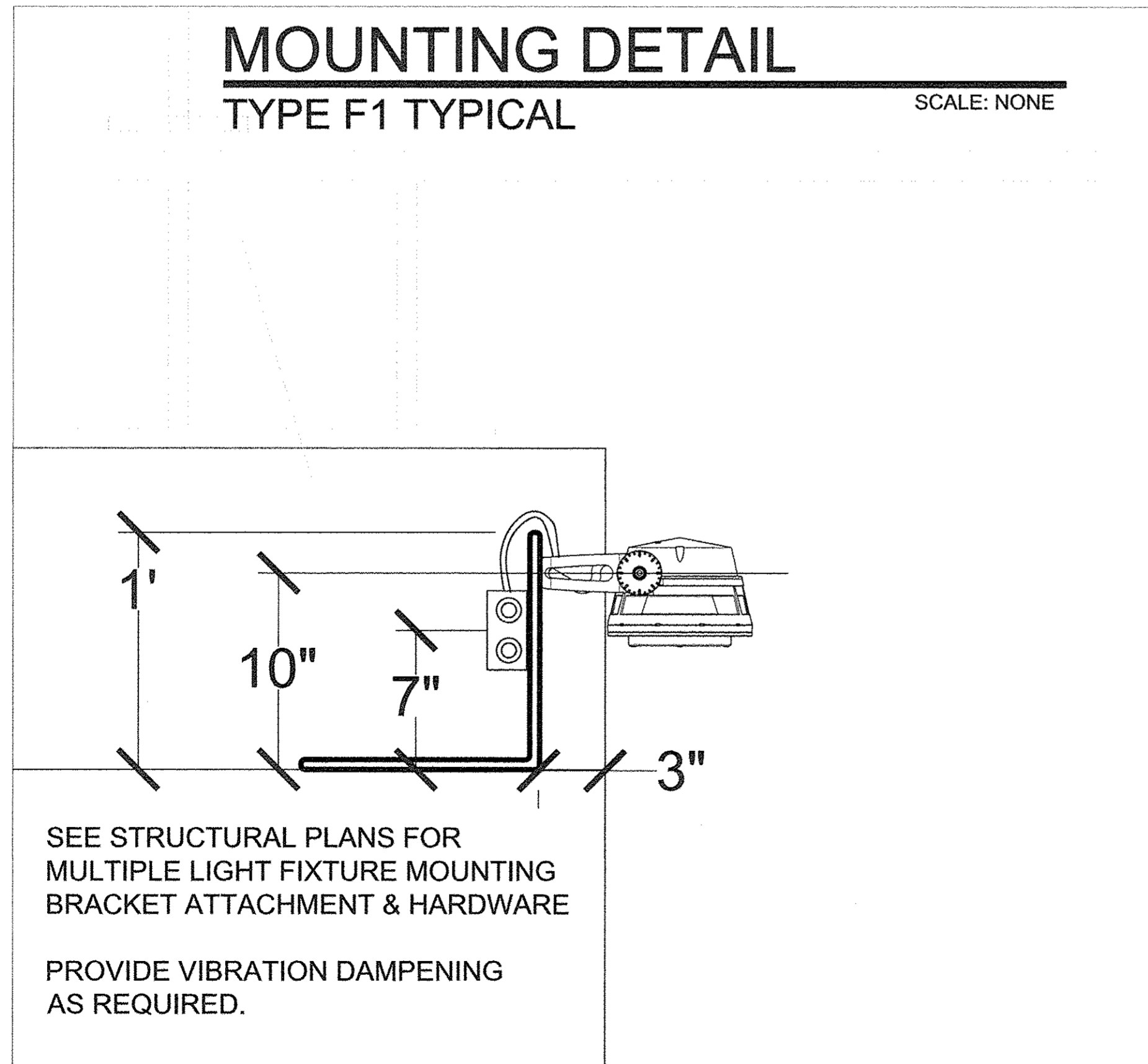
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	324
MCORE PROJECT 2 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(058)				



SECTION: C - C
SOUTH ABUTMENT
LOOKING WEST
SCALE: 0' - 1/2" = 1' - 0"



SECTION: D - D
NORTH ABUTMENT
LOOKING WEST
SCALE: 0' - 1/2" = 1' - 0"



FILE NAME = GatewayDecorativeLighting_SML_3-18-16
PLOT DATE = 03-18-16

DESIGNED	— SCM	REVISED	—
DRAWN	— SCM	REVISED	—
CHECKED	— MLS	REVISED	—
DATE	— MARCH 2016	REVISED	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

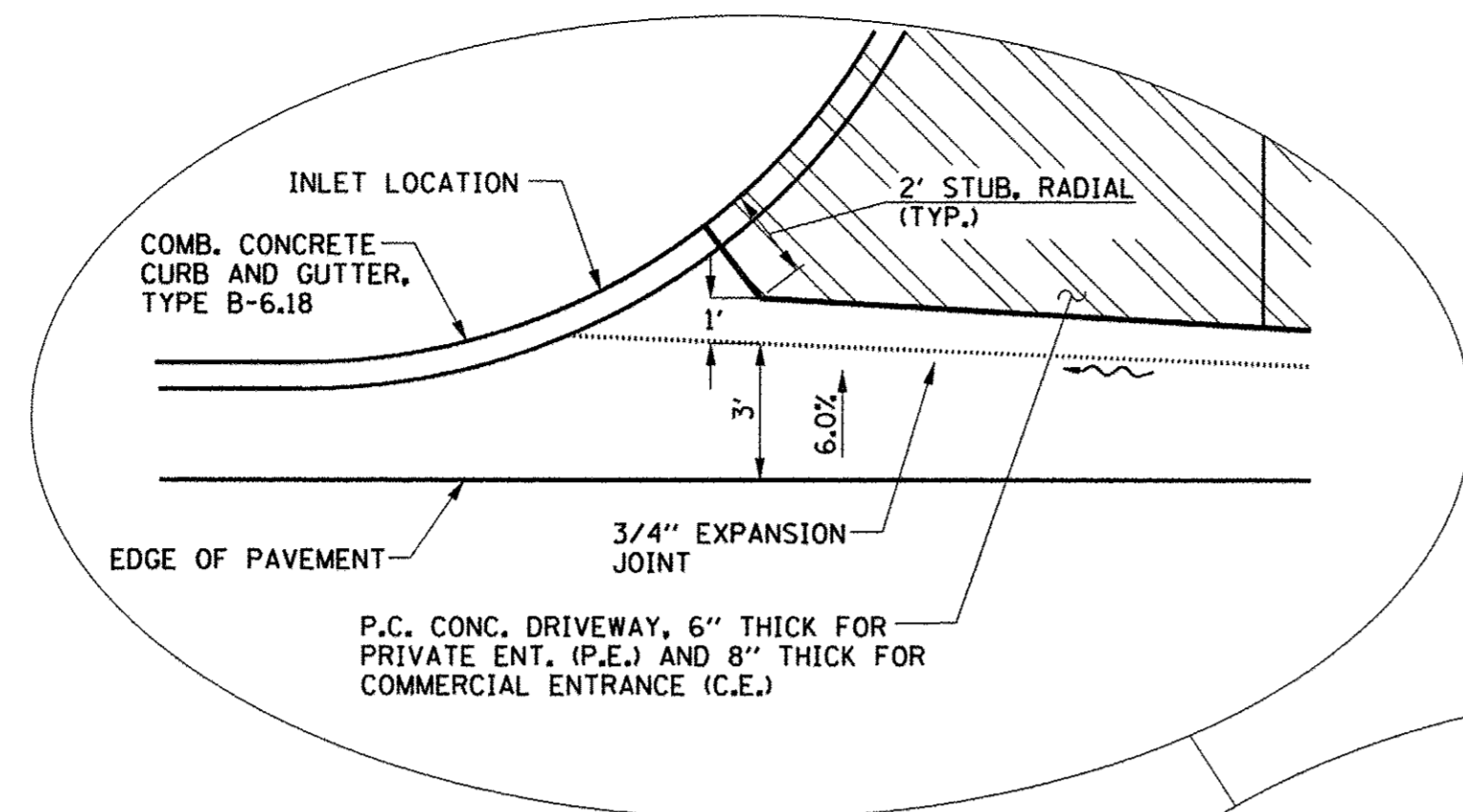
GATEWAY LIGHTING PLANS
SECTIONS & DETAILS

SCALE: AS NOTED | SHEET NO. 325 OF 412 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	325
MCORE PROJECT 2			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TG-5181(058)				

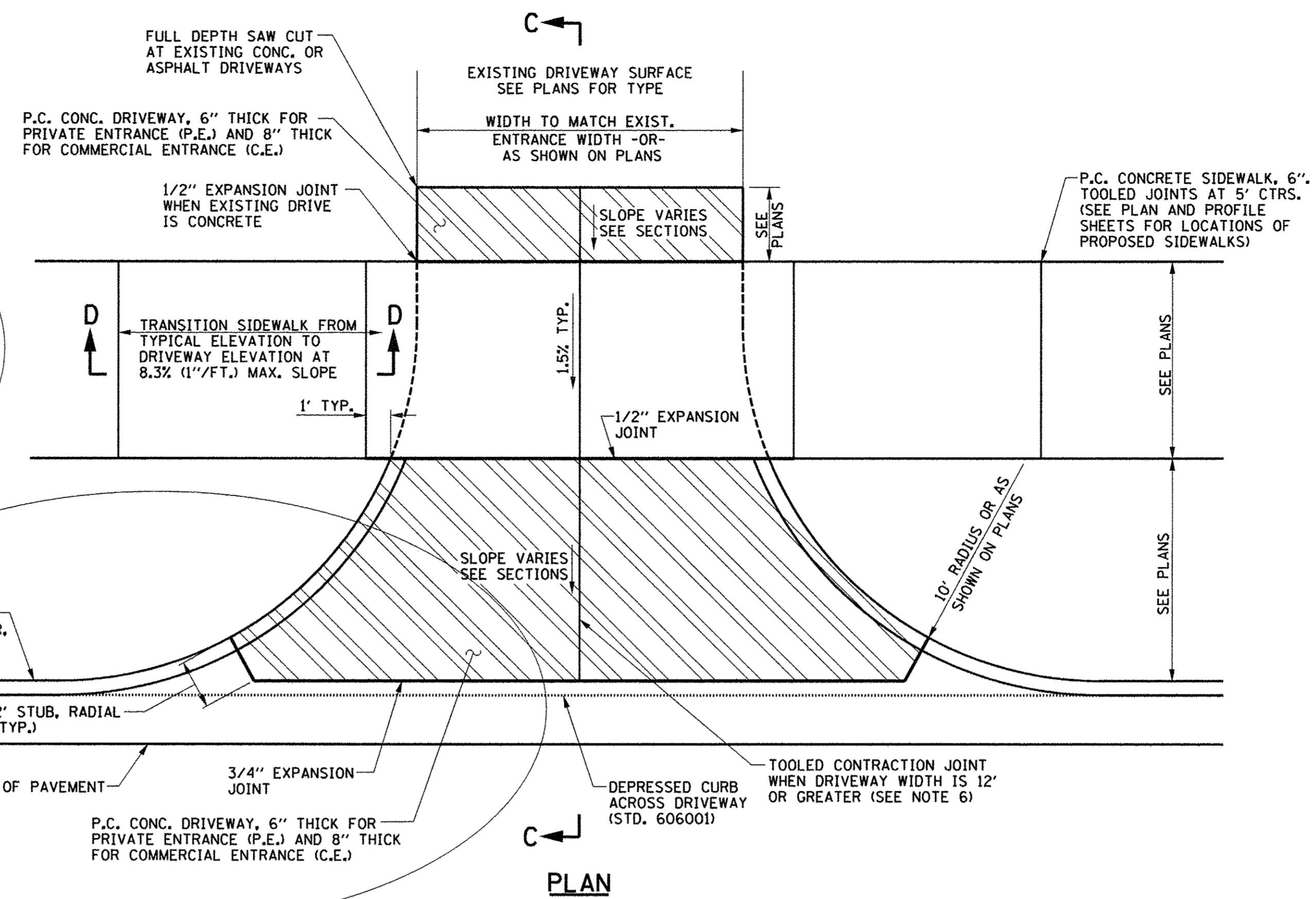
Type	Qty	Specification	Description	Lamp	Source	Watts	Vendor
F1	32	LBM 120 RGB NF BK DMX/RDM 3GV/CRC	20° NARROW FLOOD RGB SPOT LIGHT WITH DMX CONTROL. 28w / 850lm. 3G ANSI VIBRATION RATING. CORROSION RESISTANT COATING.	RGB	LED	28	LUMENPULSE OR APPROVED EQUIVALENT
	32	LBM-WG-BKM	WIRE GUARD ACCESSORY FOR ABOVE	--	--	--	LUMENPULSE OR APPROVED EQUIVALENT
F2	16	LBL 120 RGB NF BK DMX/RDM SY/3GV/CRC	20° NARROW FLOOD RGB SPOT LIGHT WITH DMX CONTROL. 50w / 1750lm. SHORT YOKE. 3G ANSI VIBRATION RATING. CORROSION RESISTANT COATING.	RGB	LED	50	LUMENPULSE OR APPROVED EQUIVALENT
	16	LBL-WG--BKM	WIRE GUARD ACCESSORY FOR ABOVE	--	--	--	LUMENPULSE OR APPROVED EQUIVALENT
	16	LBL-VS--BKM-BK /CRC	VISOR ACCESSORY FOR ABOVE	--	--	--	LUMENPULSE OR APPROVED EQUIVALENT
CBX	2	CBX-DS 120 DMX/RDM BK CRC	POWER & DATA CONTROL BOX FOR F1 & F2 FIXTURES. QUANTITY AND LOCATION OF CONTROL BOXES TO BE CONFIRMED WITH MANUFACTURER PRIOR TO ORDERING.	--	--	--	LUMENPULSE OR APPROVED EQUIVALENT
LID	1	LUMENPULSE LUMEN ID KIT	SOFTWARE/HARDWARE PACKAGE FOR ADDRESSING TYPE F1 & F2 FIXTURES.	--	--	--	LUMENPULSE OR APPROVED EQUIVALENT
MSC	1	ETC MSC-1	MOSAIC LIGHTING CONTROL SOFTWARE & HARDWARE FOR 1 DMX UNIVERSE.	--	--	--	ELECTRONIC THEATER CONTROLS OR APPROVED EQUIVALENT
MSC-NET	1	ETC MSC-NET	MOSAIC POWER OVER ETHERNET SWITCH	--	--	--	ELECTRONIC THEATER CONTROLS OR APPROVED EQUIVALENT
MSC-OPTO	1	ETC MSC-OPTO	MOSAIC DMX OPTO SPLITTER	--	--	--	ELECTRONIC THEATER CONTROLS OR APPROVED EQUIVALENT
MRIO44	1	ETC MRIO44	MOSAIC REMOTE I/O DEVICE WITH 4 INPUTS & 4 OUTPUTS	--	--	--	ELECTRONIC THEATER CONTROLS OR APPROVED EQUIVALENT
POWER SUPPLY	1	ETC 48V @ 1AMP POWER SUPPLY	MOSAIC POWER SUPPLY, 48V, 48v @ 1amp.	--	--	--	ELECTRONIC THEATER CONTROLS OR APPROVED EQUIVALENT
CABLES			ALL WIRING REQUIRED TO CONNECT SPECIFIED DEVICES AS DESIGNED.				
ENCL	1		ALUMINUM TYPE -IV LIGHTING CONTROL SYSTEM ENCLOSURE WITH CLIMATE CONTROL.				SOUTHERN MANUFACTURING OR APPROVED EQUIVALENT
CONTACT	2		CONTACTORS FOR LINE VOLTAGE POWER TO CONTROL/DATA BOXES. MUST BE COMPATIBLE WITH MRIO44 CONTACT CLOSURE DEVICE.				CONTRACTOR TO CONFIRM COMPATIBILITY WITH CONTROL MANUFACTURER

NOTE:
 ALL ITEMS SHOWN SHALL BE INCLUDED IN THE COST OF THE DECORATIVE LIGHTING SYSTEM COMPLETE.
 INDIVIDUAL ITEMS WILL NOT BE PAID FOR SEPARATELY.

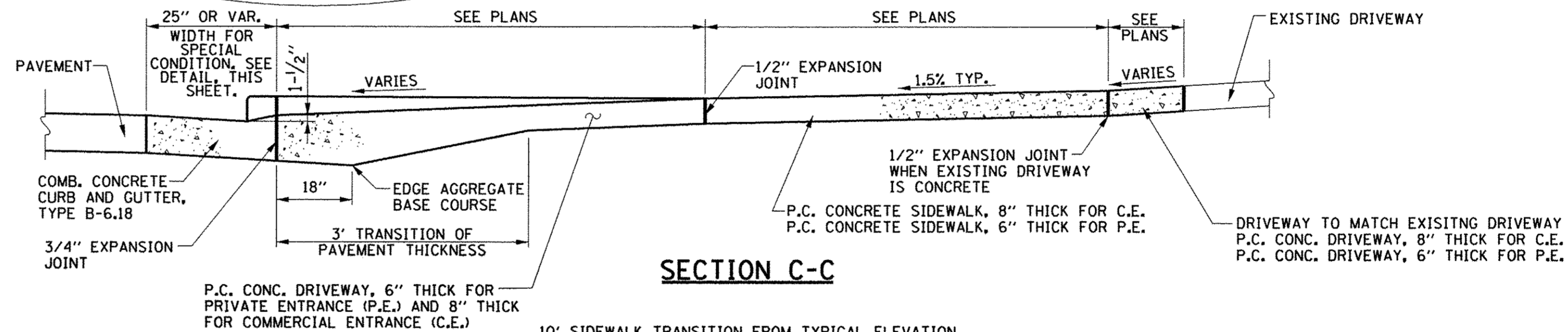


SPECIAL CONDITION DETAIL

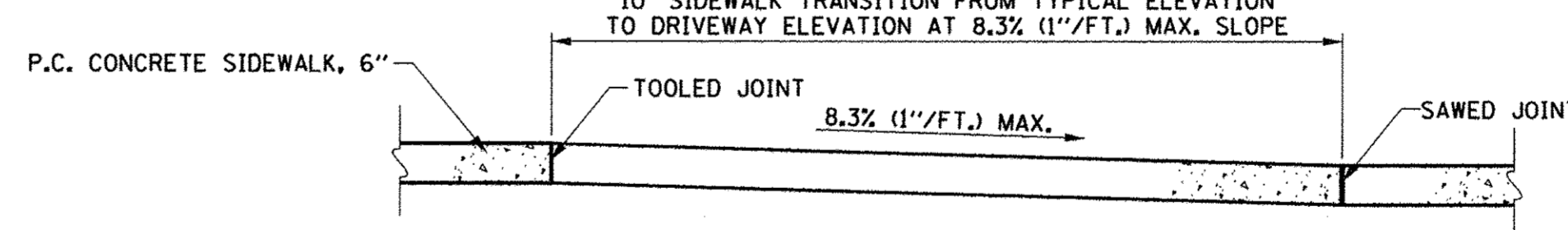
FOR DRIVEWAYS AT:
 STA. 16+81.6 LT.
 STA. 17+90.4 LT.
 STA. 18+49.9 LT.
 STA. 32+53.2 RT.
 STA. 102+81.9 RT.
 STA. 303+36.8 LT.



PLAN



SECTION C-C



SECTION D-D

NOTES:

1. THE COST OF CONSTRUCTING THE DEPRESSED CURB INCLUDING THE 2' STUB AS SHOWN SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE COST OF FURNISHING AND INSTALLING THE EXPANSION JOINTS AND THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT THICKNESS TRANSITION, INCLUDING THE ADJACENT CURBING AS SHOWN, SHALL BE INCLUDED IN THE COST OF CONSTRUCTING P.C. CONCRETE DRIVEWAY PAVEMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE NORMAL CROSS SLOPES OF SIDEWALKS SHALL BE 1.5% EXCEPT AT THE RAMP LOCATIONS.
4. THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT THICKER ADJACENT TO THE GUTTER AS SHOWN IN SECTION C-C SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK 8" THICK THROUGH COMMERCIAL ENTRANCES SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. WHEN THE WIDTH OF THE P.C. CONCRETE DRIVEWAY PAVEMENT IS BETWEEN 12' AND 24' A CONTRACTION JOINT SHALL BE PLACED AT THE CENTER OF THE DRIVEWAY. WHEN THE WIDTH OF THE P.C. CONCRETE DRIVEWAY PAVEMENT IS BETWEEN 24' AND 35', TWO CONTRACTION JOINTS EVENLY SPACED SHALL BE PLACED IN THE DRIVEWAY. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 12' MAXIMUM SPACING.

**P.C. CONCRETE DRIVEWAY PAVEMENT - WITH PARKWAY
 (PRIVATE AND COMMERCIAL ENTRANCES)**

FILE NAME =
 p:\c0010720_mcore\plans\sheets\Project2\p2-sht-rdwy-details.dgn
 PLOT DATE =
 3/23/2016 4:57:57 PM

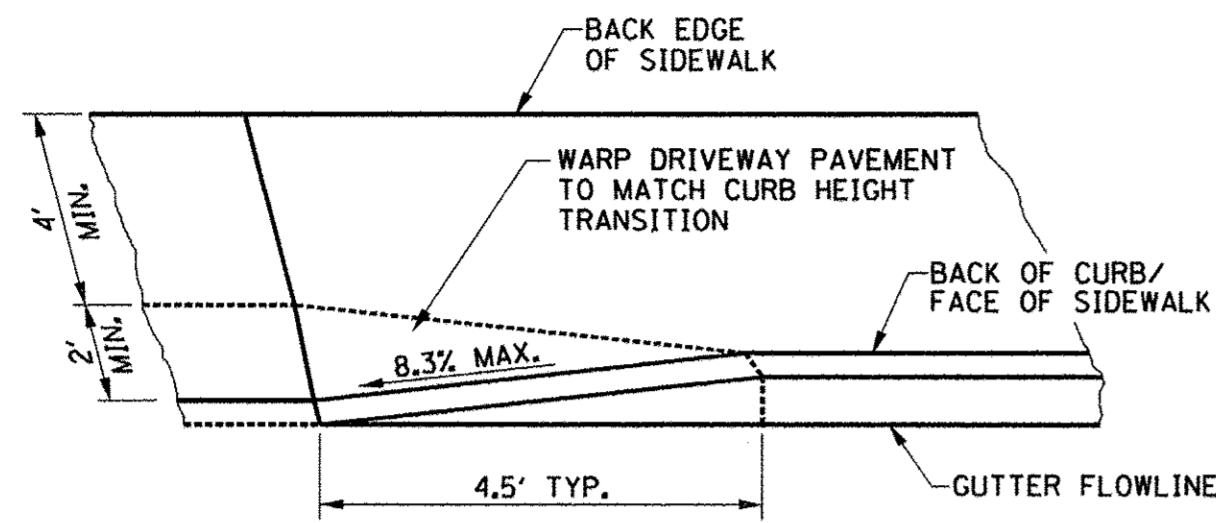
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 327 OF 412 SHEETS STA. TO STA.

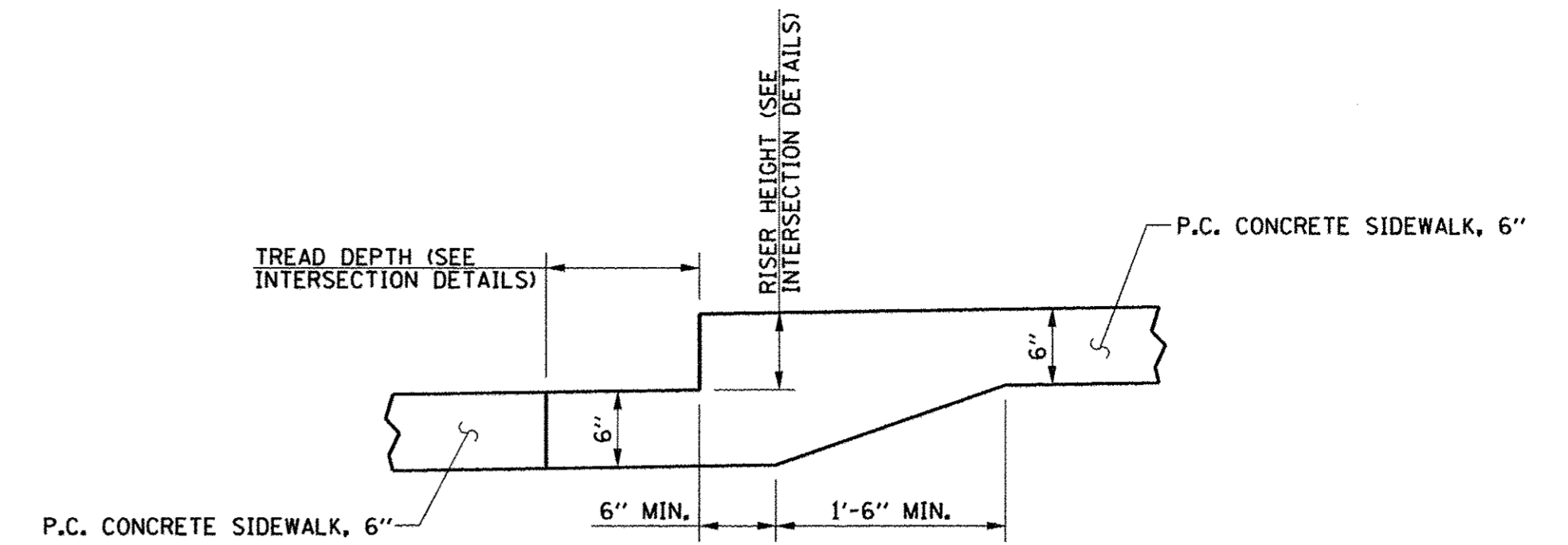
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	327
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)				



TRANSITION DETAIL
ISOMETRIC VIEW

NOTES:

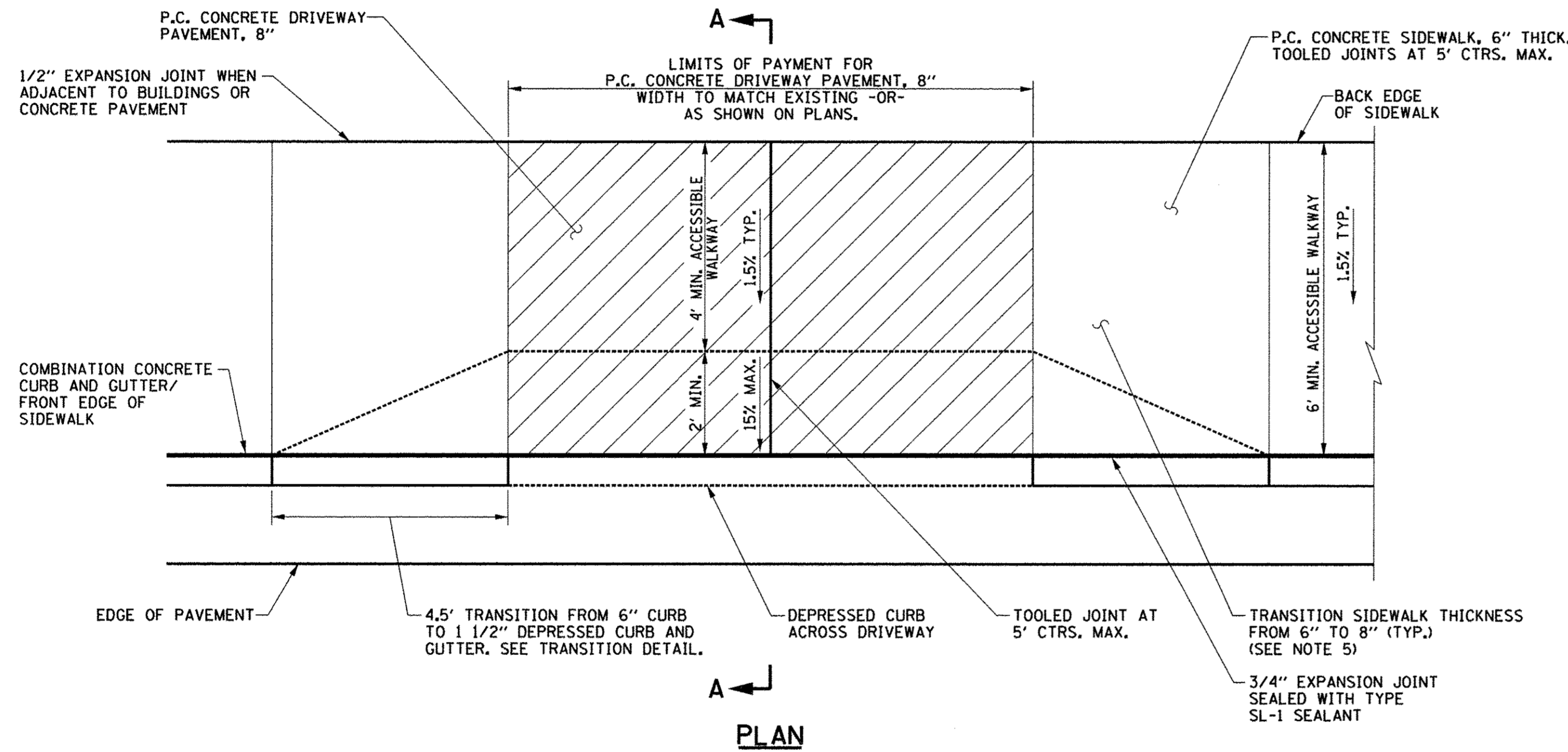
1. THE COST OF CONSTRUCTING THE DEPRESSED CURB INCLUDING THE CURB HEIGHT TRANSITIONS AS SHOWN SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE COST OF FURNISHING AND INSTALLING THE EXPANSION JOINTS AND THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT THICKNESS TRANSITION, INCLUDING THE ADJACENT CURBING AS SHOWN, SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE NORMAL CROSS SLOPES OF SIDEWALKS SHALL BE 1.5% EXCEPT AT THE RAMP LOCATIONS.
4. THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT THICKER ADJACENT TO THE GUTTER AS SHOWN IN SECTION A-A SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE DRIVEWAY PAVEMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK THICKNESS TRANSITION FROM 6" TO 8" THICK THROUGH DRIVEWAYS SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK 8" THICK THROUGH DRIVEWAYS SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



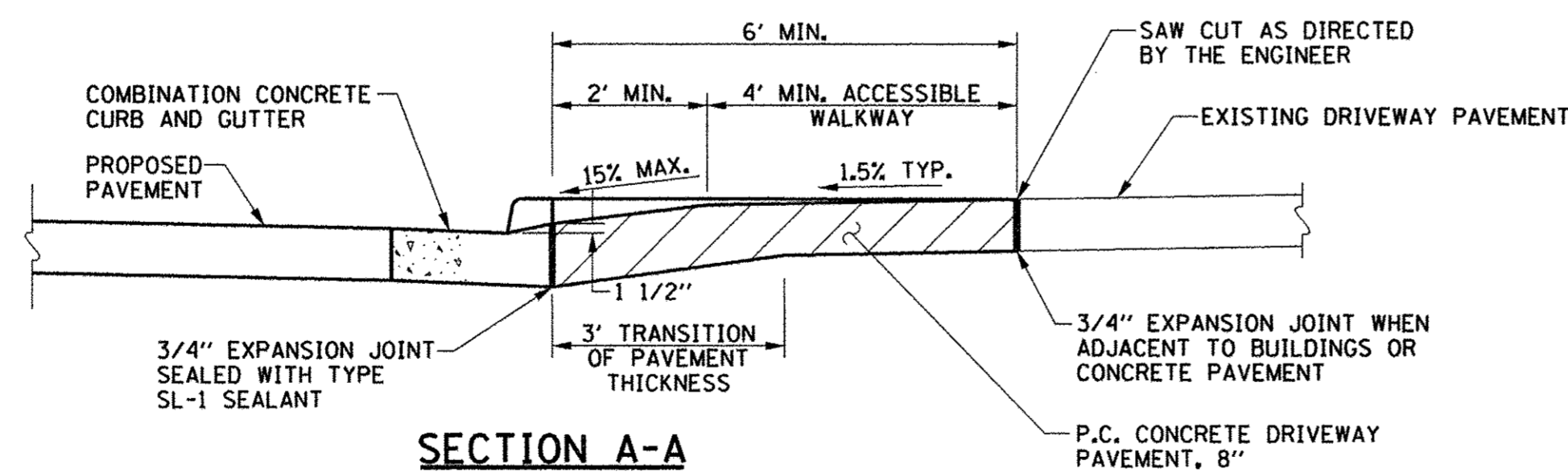
NOTES:

1. THE COST OF CONSTRUCTING THE ADDITIONAL CONCRETE THICKNESS FOR THE CONCRETE STEP SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK 6"; AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONCRETE STEP
LOCATION: SEE PLANS

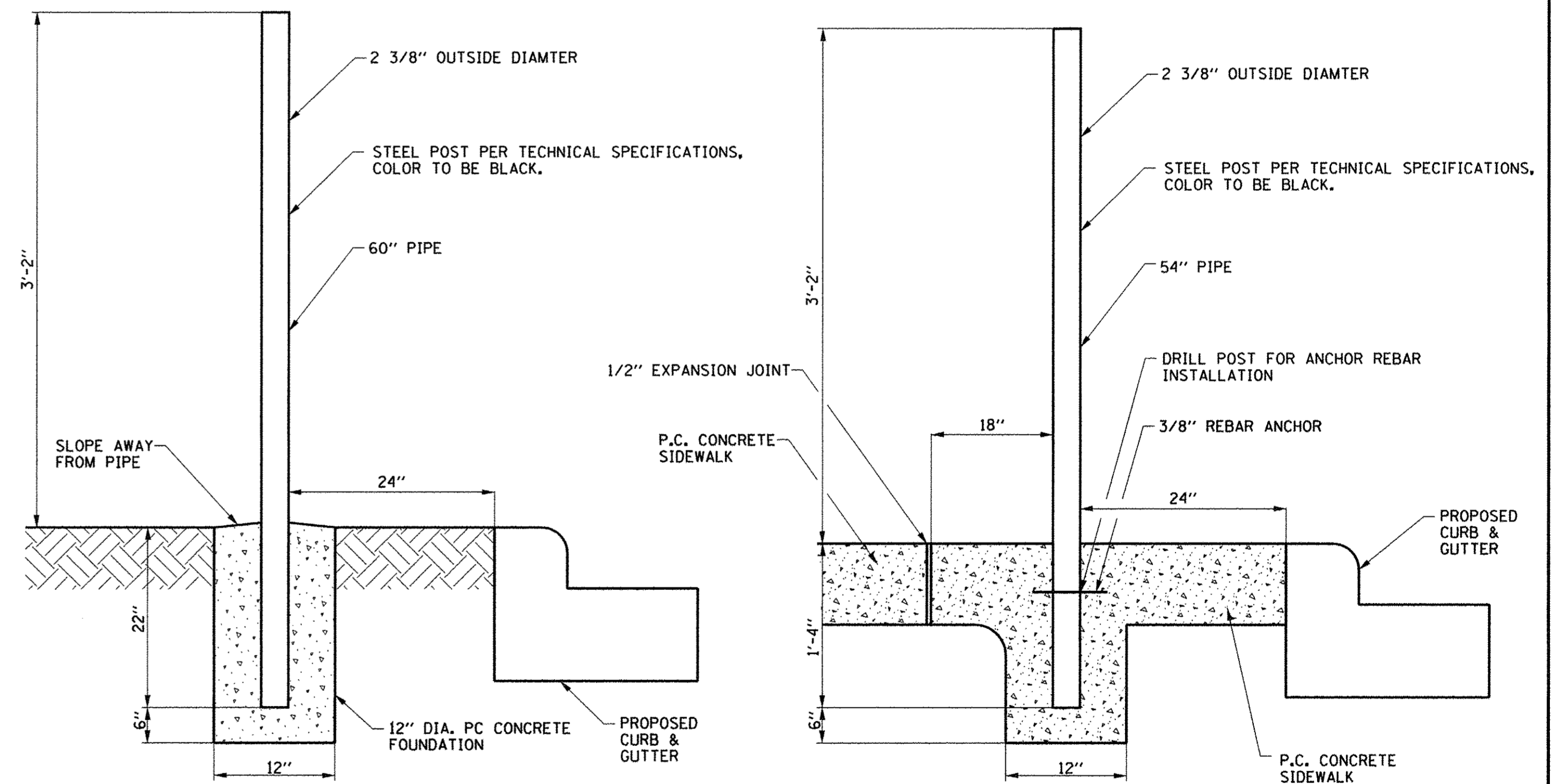


PLAN



SECTION A-A

P.C. CONCRETE DRIVEWAY PAVEMENT - WITHOUT PARKWAY (COMMERCIAL ENTRANCES)



TURF AREAS

SIDEWALK AREAS

NOTES:

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STEEL POSTS, WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK, INCLUDING THE STEEL POST, REBAR ANCHOR, CONCRETE FOUNDATION, AND EXPANSION JOINT. PARKING METERS WILL BE INSTALLED BY CITY OF CHAMPAIGN PERSONNEL.

PARKING METER POST INSTALLATION

FILE NAME = p:\0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-detail1s.dgn
PLOT DATE = 8/25/2016 4:27:46 PM

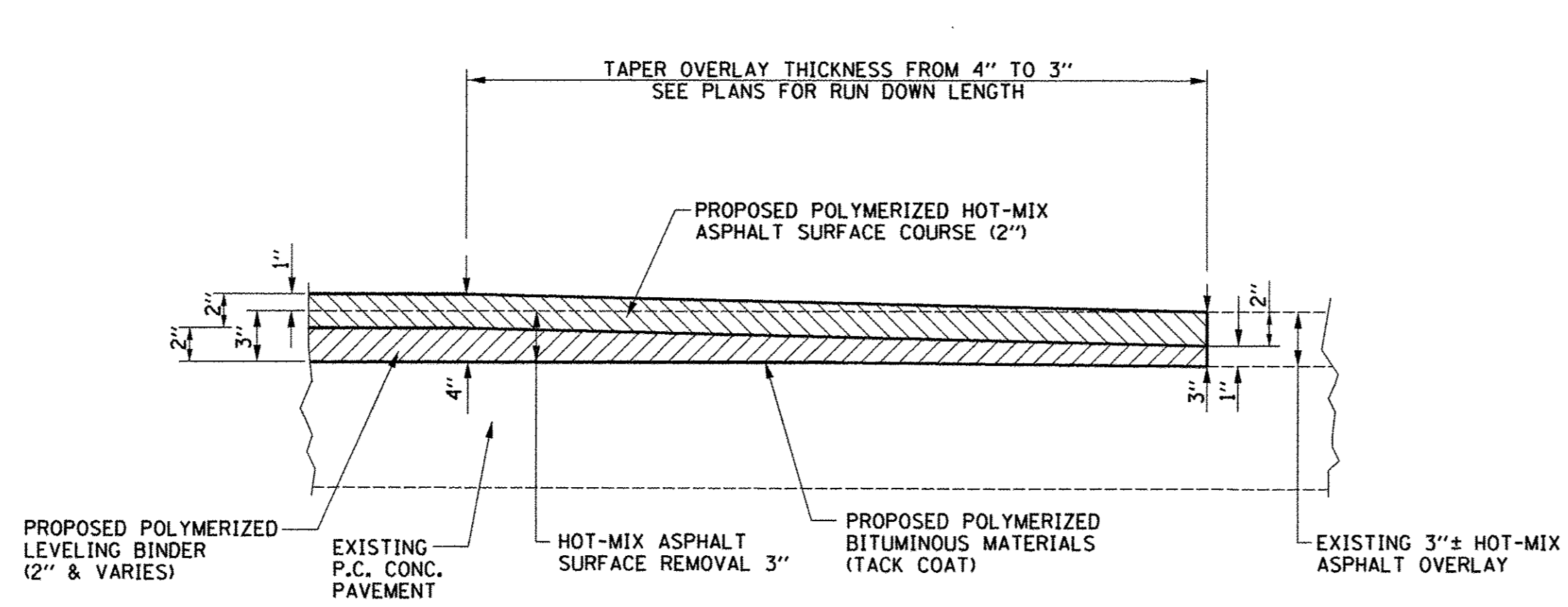
DESIGNED - J.A.J.	REVISED - J.A.J.
DRAWN - D.L.M.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 328 OF 412 SHEETS STA. TO STA.

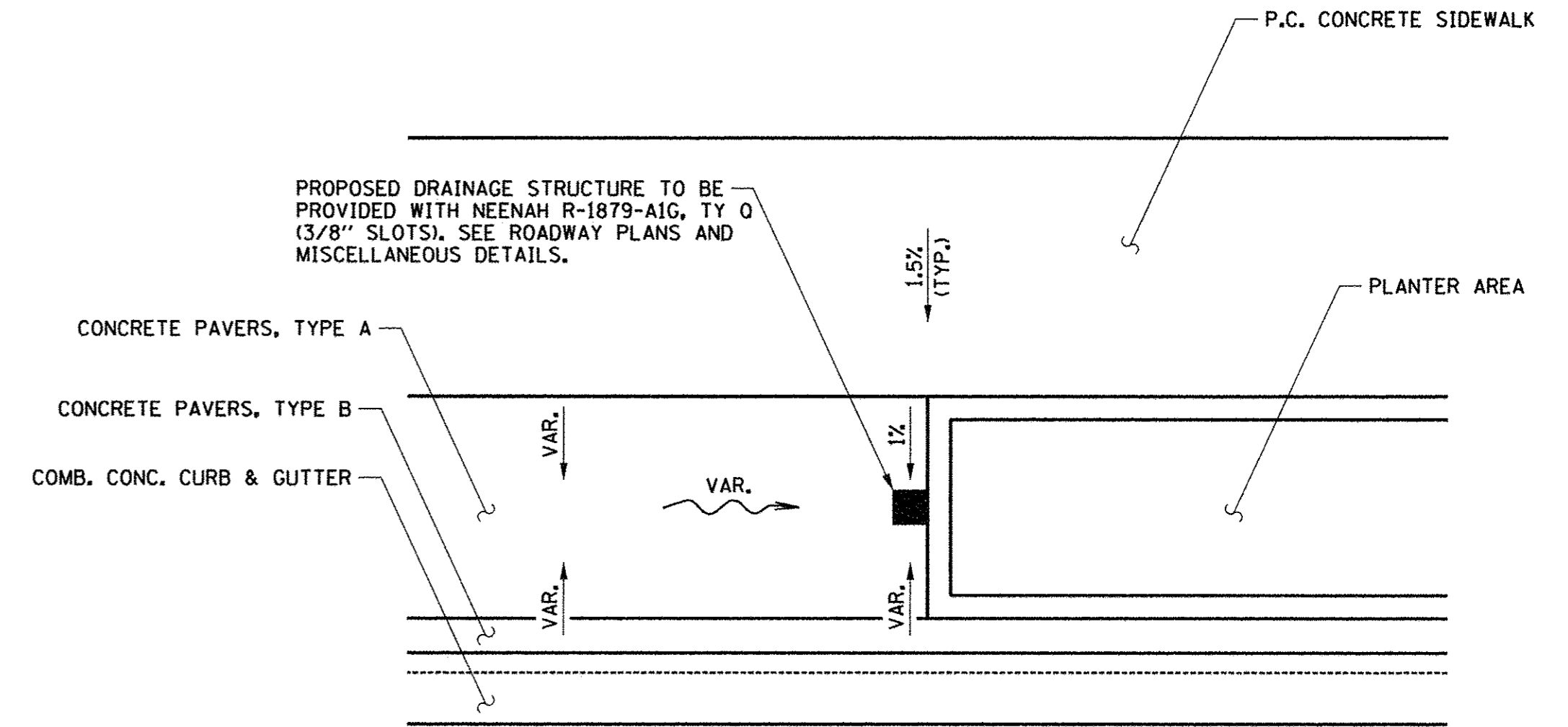
F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 328
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-518105B1				



NOTE:

1. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE VARIOUS HOT-MIX ASPHALT SURFACE REMOVAL AND HOT-MIX ASPHALT PAY ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

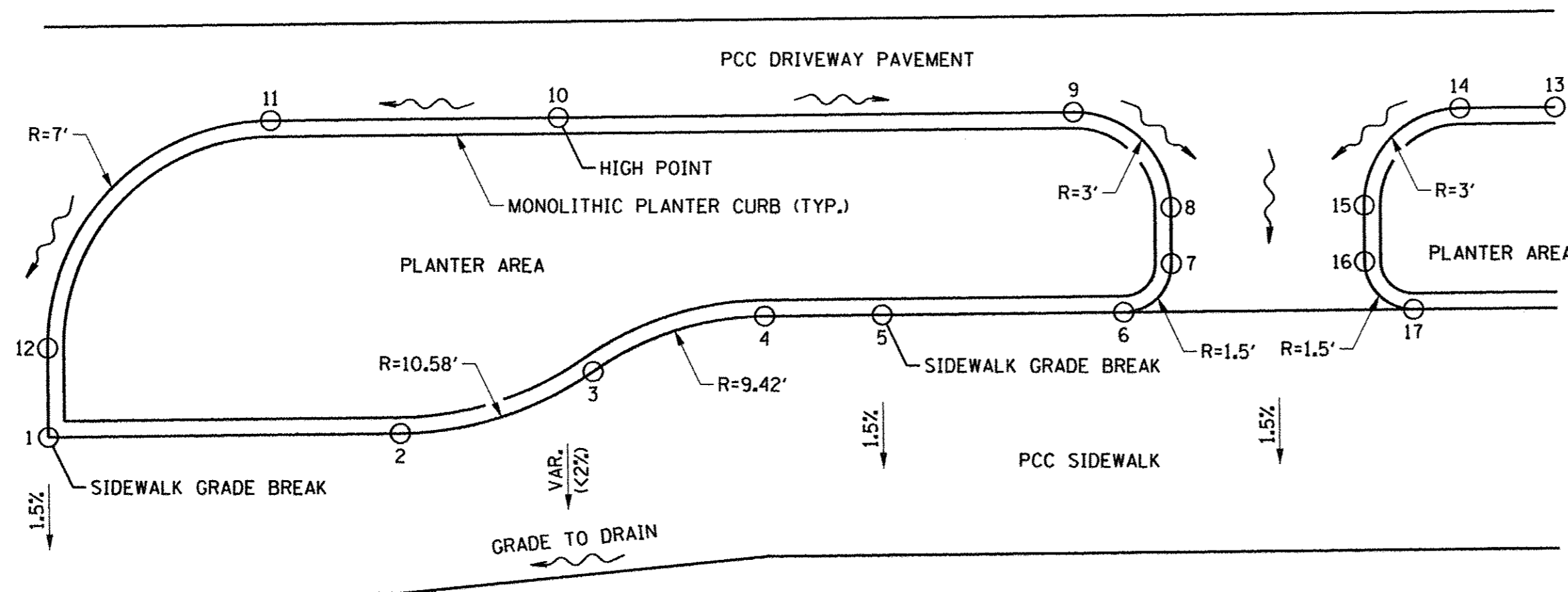
HOT-MIX ASPHALT SURFACE REMOVAL - RUN DOWN
 LOCATIONS: AS SHOWN ON THE PLANS



NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ELEVATIONS FOR THE PROPOSED DRAINAGE STRUCTURES AND PARKWAY GRADING.
2. THE CONTRACTOR SHALL GRADE THE PARKWAY TO DRAIN AS DIRECTED BY THE ENGINEER.

PARKWAY GRADING IN ADVERSE CROSS SLOPE AREAS
 LOCATIONS: AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER



NOTES:

1. THE PLANTER CURB SHALL BE POURED MONOLITHIC WITH THE ADJACENT PCC DRIVEWAY PAVEMENT OR PCC SIDEWALK.
2. THE HEIGHT OF THE PLANTER CURB SHALL BE 6" OR AS OTHERWISE DIRECTED BY THE ENGINEER.
3. THE TOP SURFACE AREA OF THE PLANTER CURB WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PCC DRIVEWAY PAVEMENT 8" OR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PCC SIDEWALK 6". THE COST OF CONSTRUCTING THE PLANTER CURB TO THE REQUIRED HEIGHT SHALL BE INCLUDED IN THE COST OF THE DRIVEWAY PAVEMENT OR SIDEWALK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. SEE THE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

PLANTER CURB LAYOUT AT COMMERCIAL ENTRANCE
 LOCATION: C.E. STA. 16+81.6 LT.

POINT	STATION, OFFSET, ELEVATION
1	16+94.07, 29.47' LT, ELEV 725.25
2	17+05.00, 29.47' LT, ELEV 725.30
3	17+11.00, 31.34' LT, ELEV 725.32
4	17+16.35, 33.00' LT, ELEV 725.34
5	17+20.00, 33.00' LT, ELEV 725.36
6	17+27.50, 33.00' LT, ELEV 725.39
7	17+29.00, 34.50' LT, ELEV 725.56
8	17+29.00, 36.25' LT, ELEV 725.75
9	17+26.00, 39.25' LT, ELEV 726.11
10	17+10.00, 39.25' LT, ELEV 726.27
11	17+01.07, 39.25' LT, ELEV 726.20
12	16+94.07, 32.25' LT, ELEV 725.33
13	17+40.96, 39.25' LT, ELEV 725.88
14	17+38.00, 39.25' LT, ELEV 725.82
15	17+35.00, 36.25' LT, ELEV 725.74
16	17+35.00, 34.50' LT, ELEV 725.57
17	17+36.50, 33.00' LT, ELEV 725.43

NOTES:

1. THE CONTRACTOR SHALL STAKE THE ADJACENT PLANTER LOCATIONS PRIOR TO CONSTRUCTING THE P.C. CONCRETE SIDEWALK. THE COST TO STAKE THE PLANTER LOCATIONS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF CONSTRUCTION LAYOUT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND ELEVATIONS FOR THE SIDEWALK CROSS SLOPE MODIFICATIONS.
3. THE CONTRACTOR SHALL GRADE THE SIDEWALK TO DRAIN AS DIRECTED BY THE ENGINEER.
4. SIDEWALKS THAT ARE CONSTRUCTED WITHOUT POSITIVE DRAINAGE SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

P.C. CONCRETE SIDEWALK CROSS SLOPE MODIFICATION
 (FLAT LONGITUDIAL SLOPES
 ADJACENT TO BUILDINGS AND PLANTERS)
 LOCATIONS: AS DIRECTED BY THE ENGINEER

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-detail1.s.dgn
 PLOT DATE = 8/25/2016 4:27:47 PM

DESIGNED - J.A.J.	REVISED - J.A.J.
DRAWN - D.L.M.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

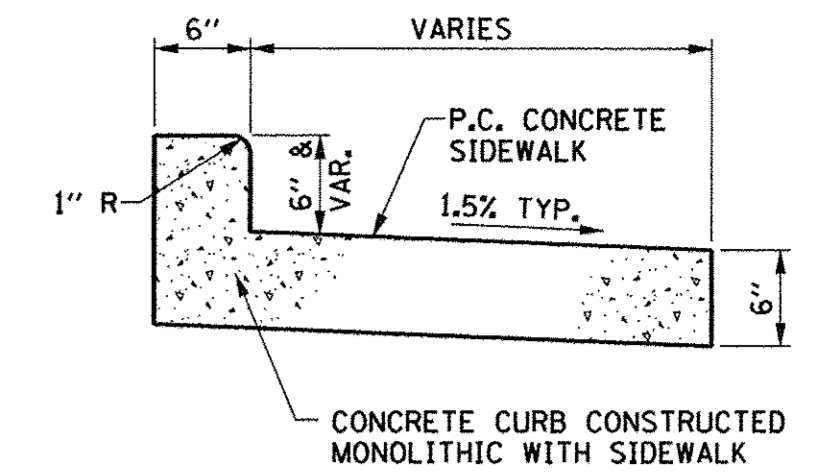
MISCELLANEOUS DETAILS

SCALE: NONE SHEET NO. 329 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	329
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-516105B1				

SIDEWALK GENERAL NOTES

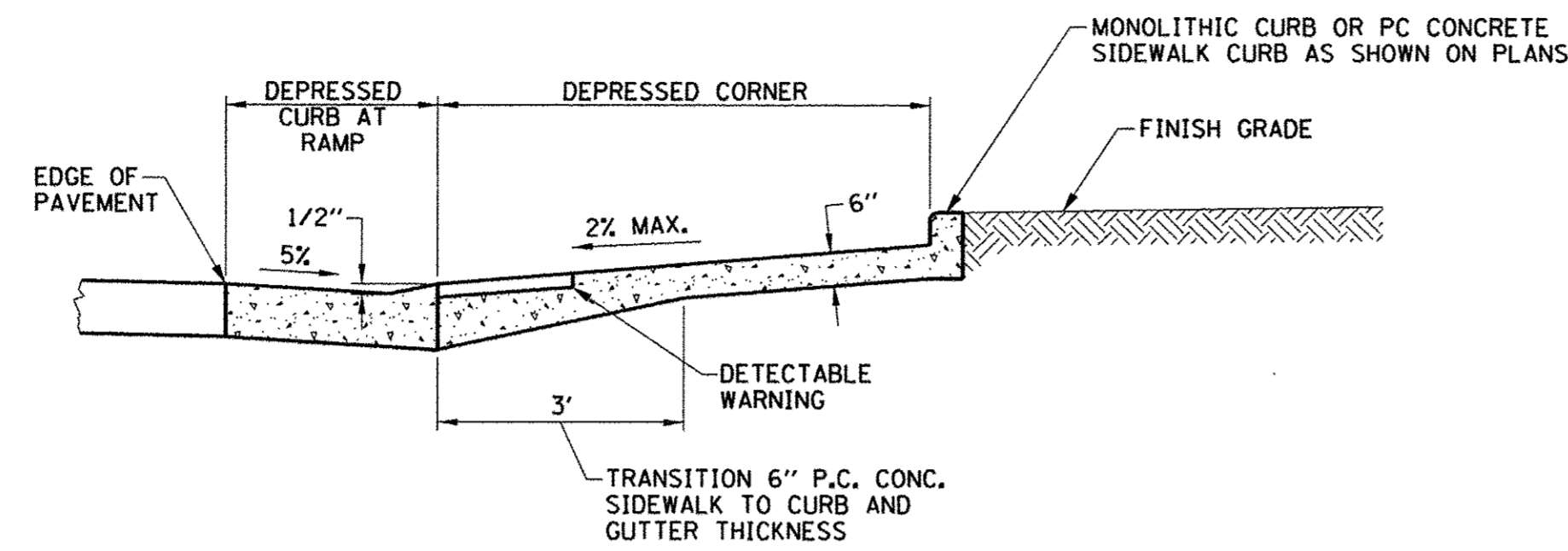
1. SEE STANDARDS 424001, 424006, 424011, 424021 AND 424026 FOR ADDITIONAL DETAILS OF CURB RAMPS FOR SIDEWALKS.
2. THE COST OF CONSTRUCTING THE DEPRESSED CURB AS SHOWN SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE COMBINATION CONCRETE CURB AND GUTTER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE COST OF FURNISHING AND INSTALLING THE 1/2" EXPANSION JOINTS AND THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK THICKNESS TRANSITION, INCLUDING THE ADJACENT CURBING AS SHOWN, SHALL BE INCLUDED IN THE COST OF CONSTRUCTING THE P.C. CONCRETE SIDEWALK 6" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. THE DETECTABLE WARNINGS SHALL HAVE A CONTRASTING COLOR APPROVED BY THE ENGINEER AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY STANDARDS AND THE STANDARD SPECIFICATIONS. THE DETECTABLE WARNINGS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR DETECTABLE WARNINGS.
5. WHEN PREFABRICATED DETECTABLE WARNING PRODUCTS ARE USED THE SIDEWALK RAMP BELOW THE DETECTABLE WARNING UNITS SHALL BE A MINIMUM OF 6" THICK.
6. THE NORMAL CROSS SLOPES OF SIDEWALKS SHALL BE 1.5% EXCEPT AT THE RAMP LOCATIONS.
7. TRANSVERSE TOOLED JOINTS SHALL BE PLACED AT 5' CENTERS IN THE SIDEWALKS OR AS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. 1/2" EXPANSION JOINTS SHALL BE PLACED WHERE SIDEWALKS INTERSECT CONCRETE CURB AND GUTTERS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
8. SEE INTERSECTION DETAILS FOR ELEVATIONS, LENGTHS AND SIDE CURB LOCATIONS. SEE THE PAVEMENT JOINT PLANS AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.



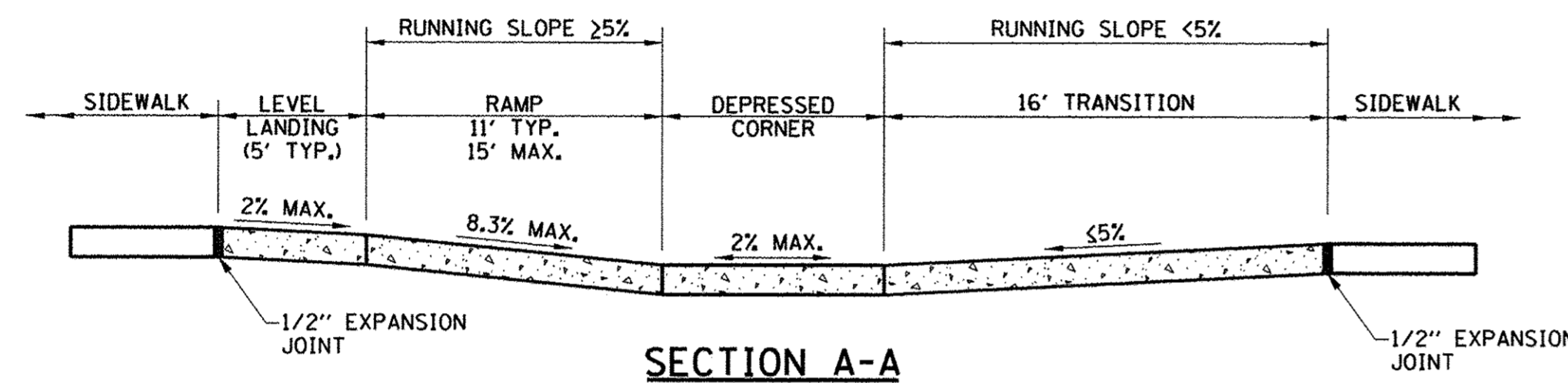
- NOTES:**
1. THIS WORK WILL BE PAID FOR AS P.C. CONCRETE SIDEWALK, 6" AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF TOP SURFACE AREA INCLUDING THE TOP SURFACE AREA OF THE CURB. THE COST OF CONSTRUCTING THE CURB TO THE HEIGHT SHOWN SHALL BE INCLUDED IN THE COST OF THE SIDEWALK.

SIDEWALK MONOLITHIC CURB

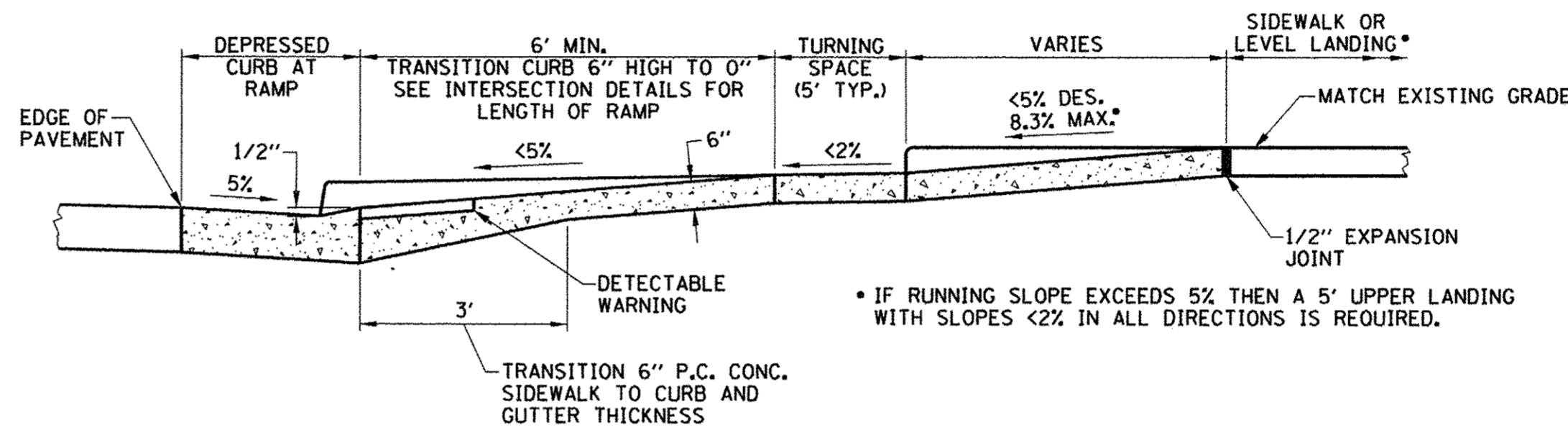
LOCATIONS: AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER



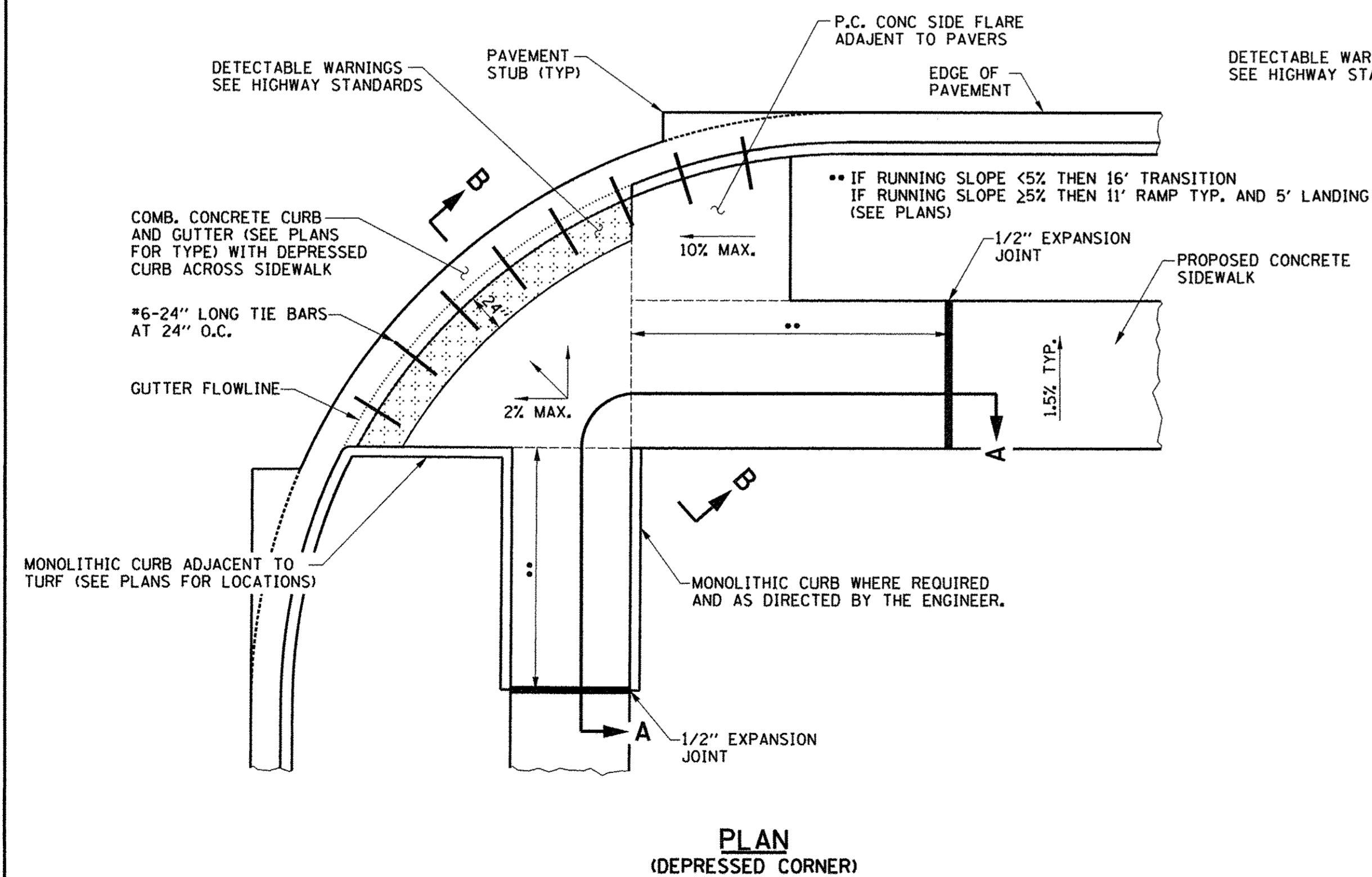
SECTION B-B



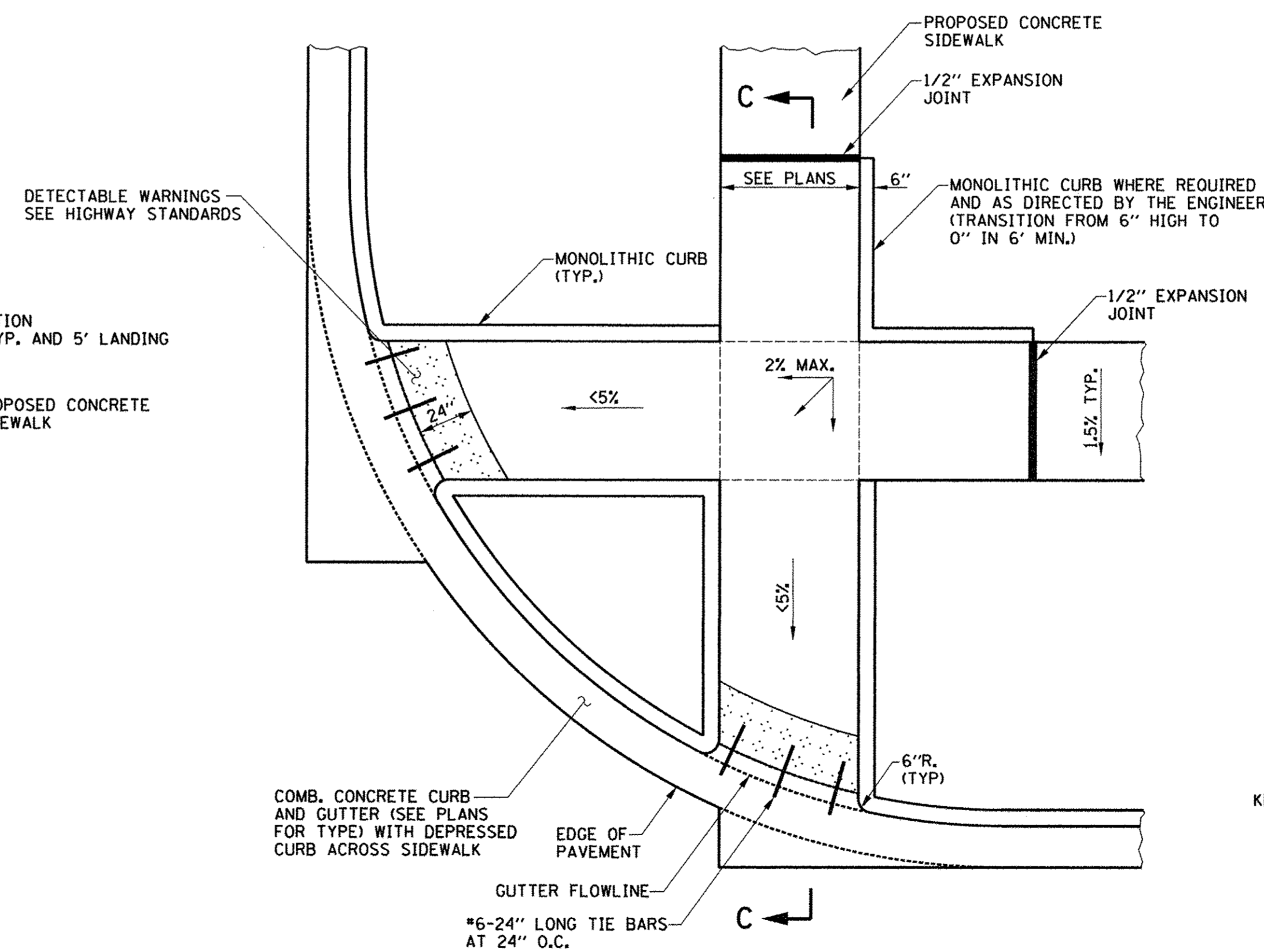
SECTION A-A



SECTION C-C

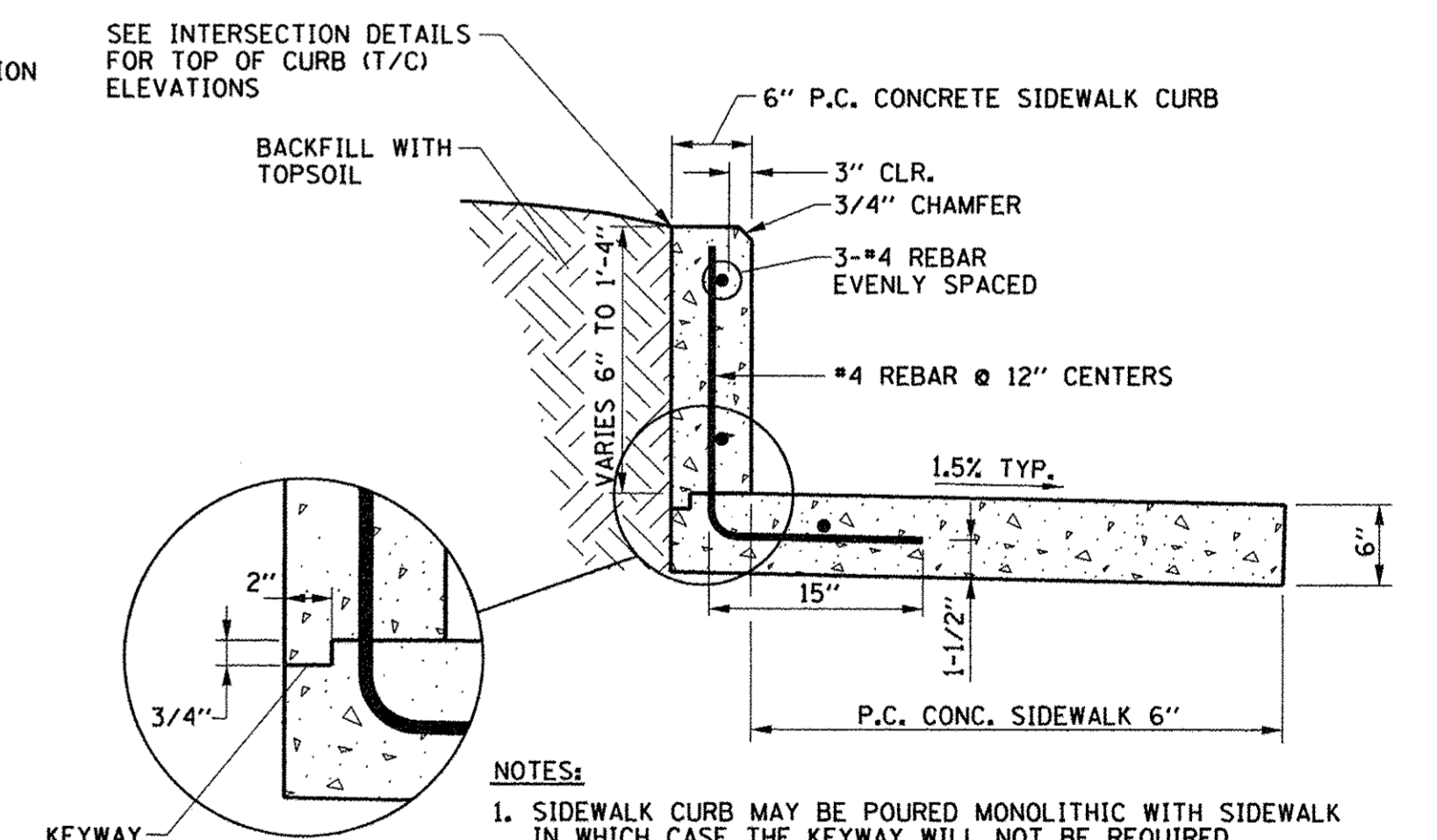


PLAN (DEPRESSED CORNER)



PLAN (PERPENDICULAR CURB RAMP)

P.C. CONCRETE SIDEWALK RAMP DETAILS



- NOTES:**
1. SIDEWALK CURB MAY BE POURED MONOLITHIC WITH SIDEWALK IN WHICH CASE THE KEYWAY WILL NOT BE REQUIRED.
 2. THE REINFORCEMENT BARS SHALL BE OMITTED WHERE THE CURB HEIGHT IS 6" OR LESS.
 3. THE COST OF CONSTRUCTING THE ADDITIONAL SIDEWALK WIDTH BELOW THE SIDEWALK CURB AND FURNISHING AND INSTALLING THE #4 REBARS SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK CURB, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE REINFORCEMENT BARS SHALL BE EPOXY COATED. THE PORTLAND CEMENT CONCRETE SIDEWALK ADJACENT TO THE SIDEWALK CURB WILL BE PAID FOR SEPARATELY.

P.C. CONCRETE SIDEWALK CURB

LOCATIONS: AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-details.dgn
 PLOT DATE = 3/23/2016 4:58:00 PM

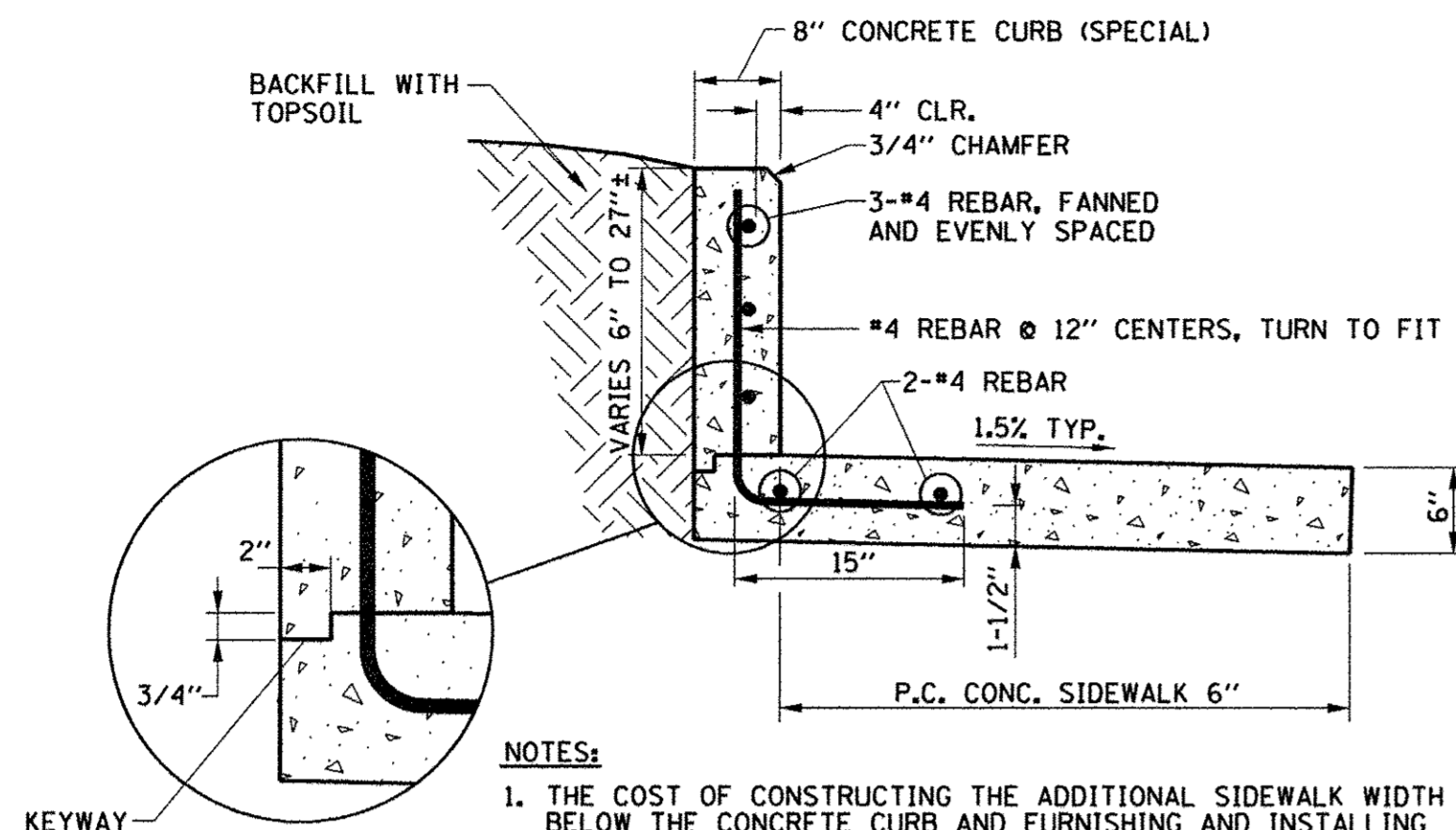
DESIGNED - J.A.J. REVISIONS -
 DRAWN - D.L.M. REVISIONS -
 CHECKED - S.M.W. REVISIONS -
 DATE - MARCH 2016 REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

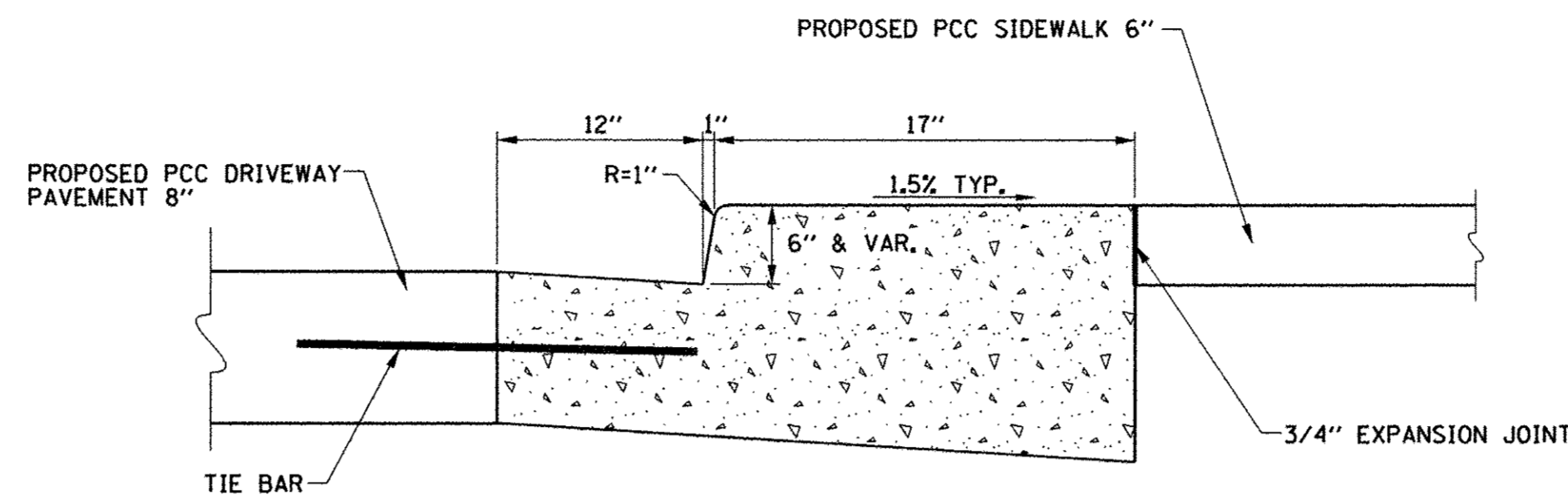
SCALE : NONE SHEET NO. 330 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	330
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				



NOTES:
 1. THE COST OF CONSTRUCTING THE ADDITIONAL SIDEWALK WIDTH BELOW THE CONCRETE CURB AND FURNISHING AND INSTALLING THE #4 REBARS SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE REINFORCEMENT BARS SHALL BE EPOXY COATED. THE PORTLAND CEMENT CONCRETE SIDEWALK ADJACENT TO THE CONCRETE CURB WILL BE PAID FOR SEPARATELY.

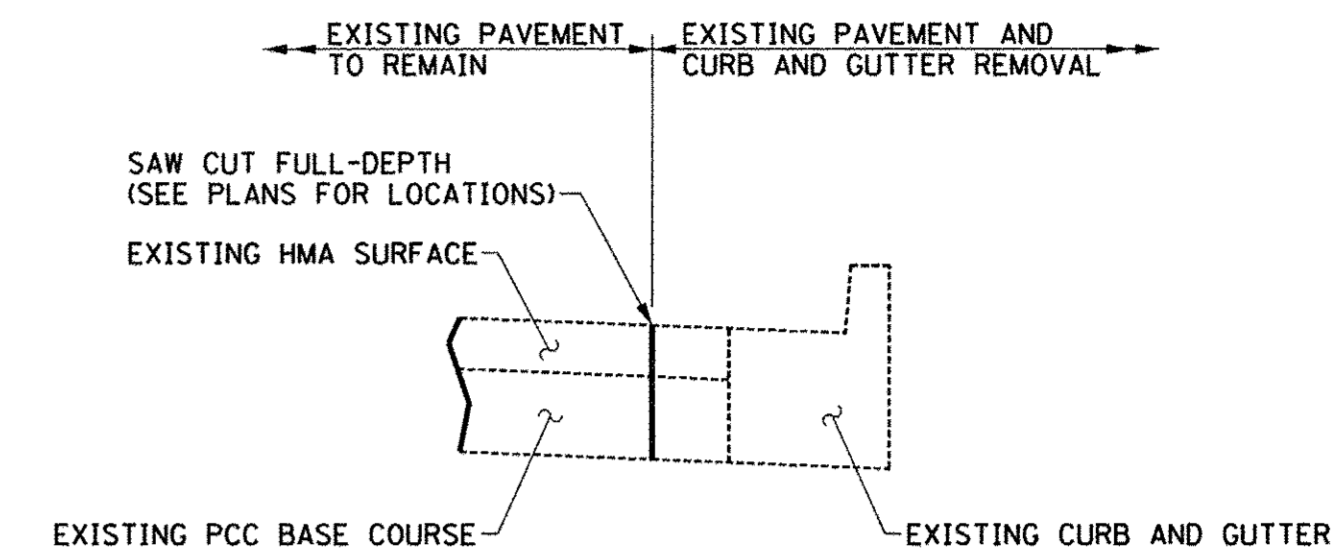
SECTION A-A



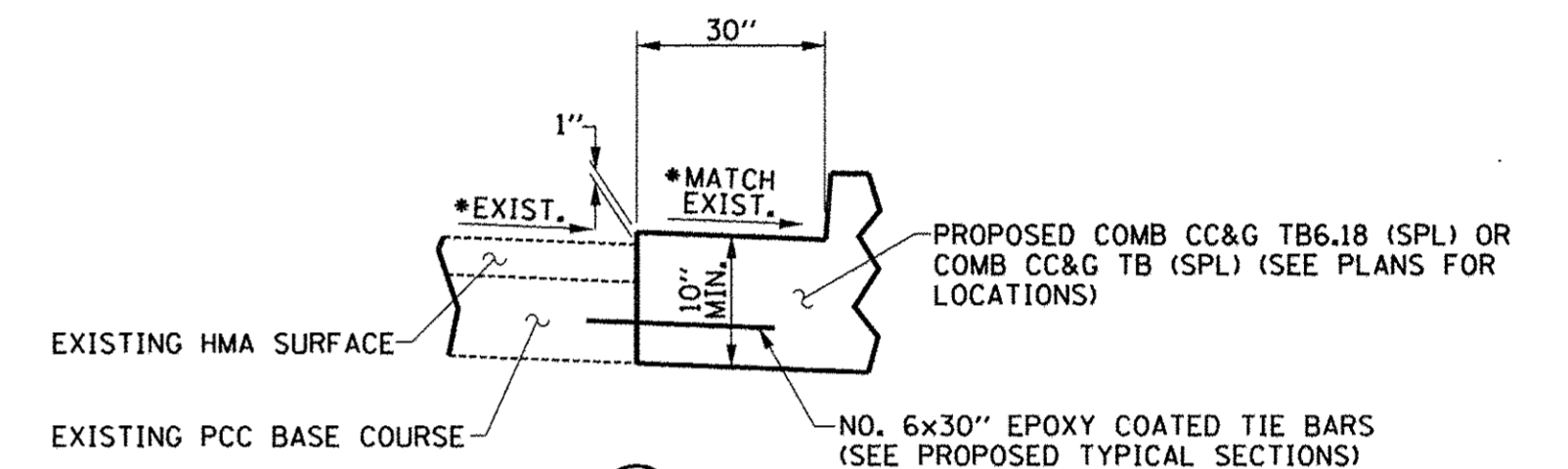
NOTES:
 1. THE COST OF CONSTRUCTING THE ADDITIONAL CURB WIDTH SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)

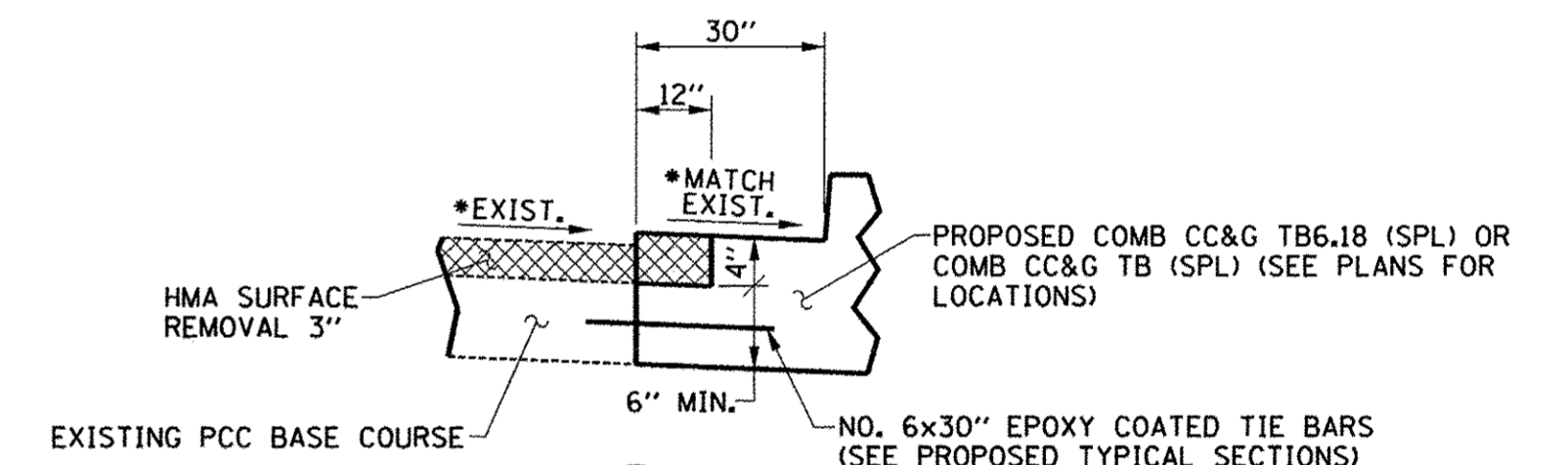
LOCATION: 301 E. GREEN ST.



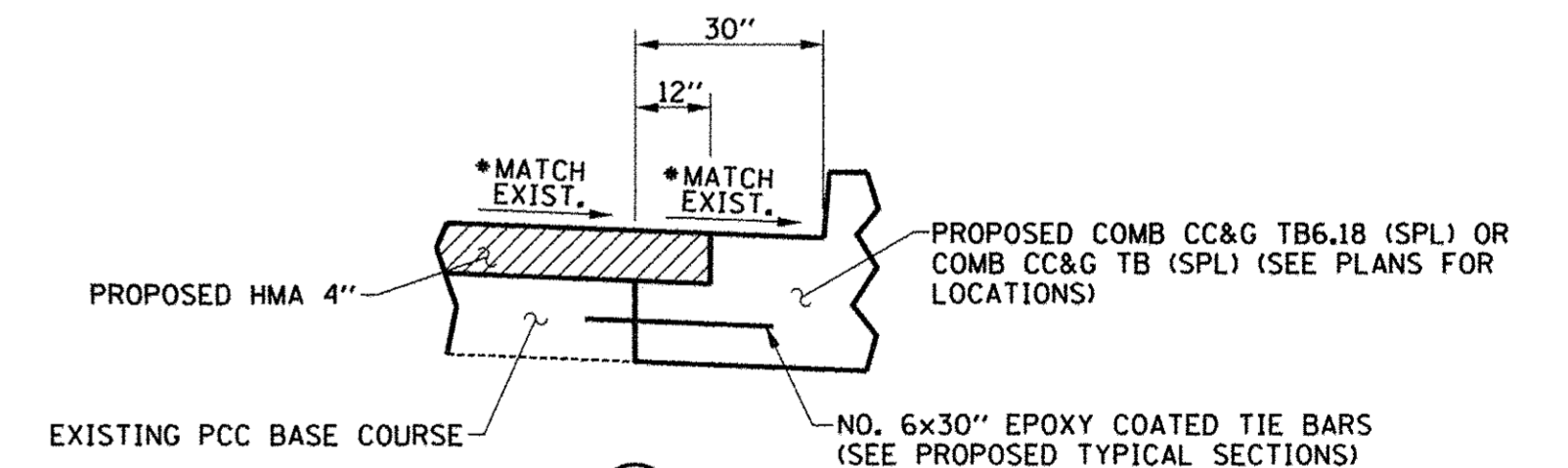
①



②

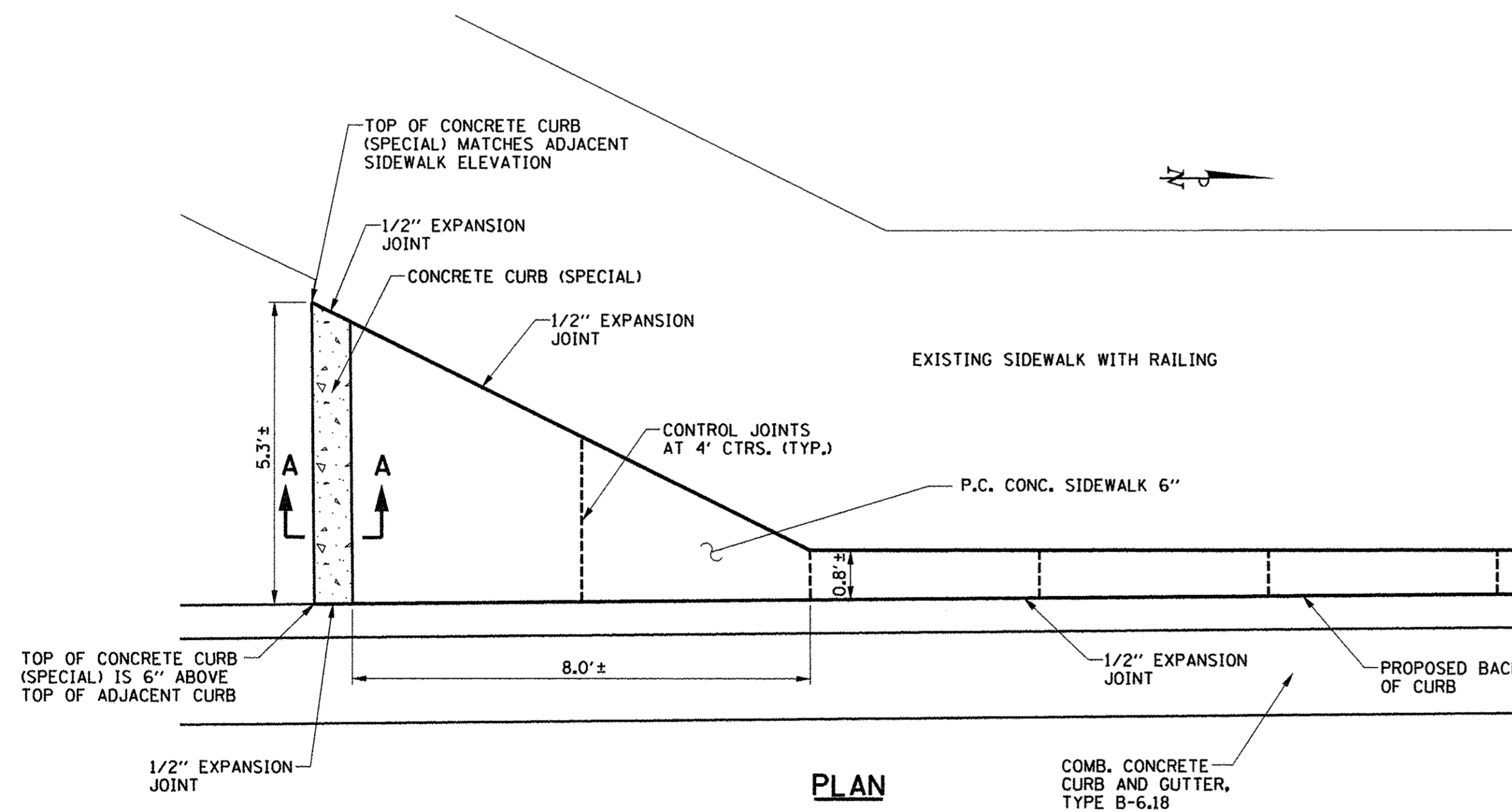


③



④

• 2% TYPICAL & VARIES



PLAN

CONCRETE CURB (SPECIAL)

LOCATION: SECOND ST.

SEE TYPICAL SECTIONS FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
 SEE TRANSIT DETAILS FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B (MODIFIED)
 SEE TRANSIT DETAILS FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)

WRIGHT STREET CURB AND GUTTER CONSTRUCTION SEQUENCE

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-details.dgn
 PLOT DATE = 3/23/2016 4:58:01 PM

DESIGNED - J.A.J. REVISED -
 DRAWN - D.L.M. REVISED -
 CHECKED - S.M.W. REVISED -
 DATE - MARCH 2016 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

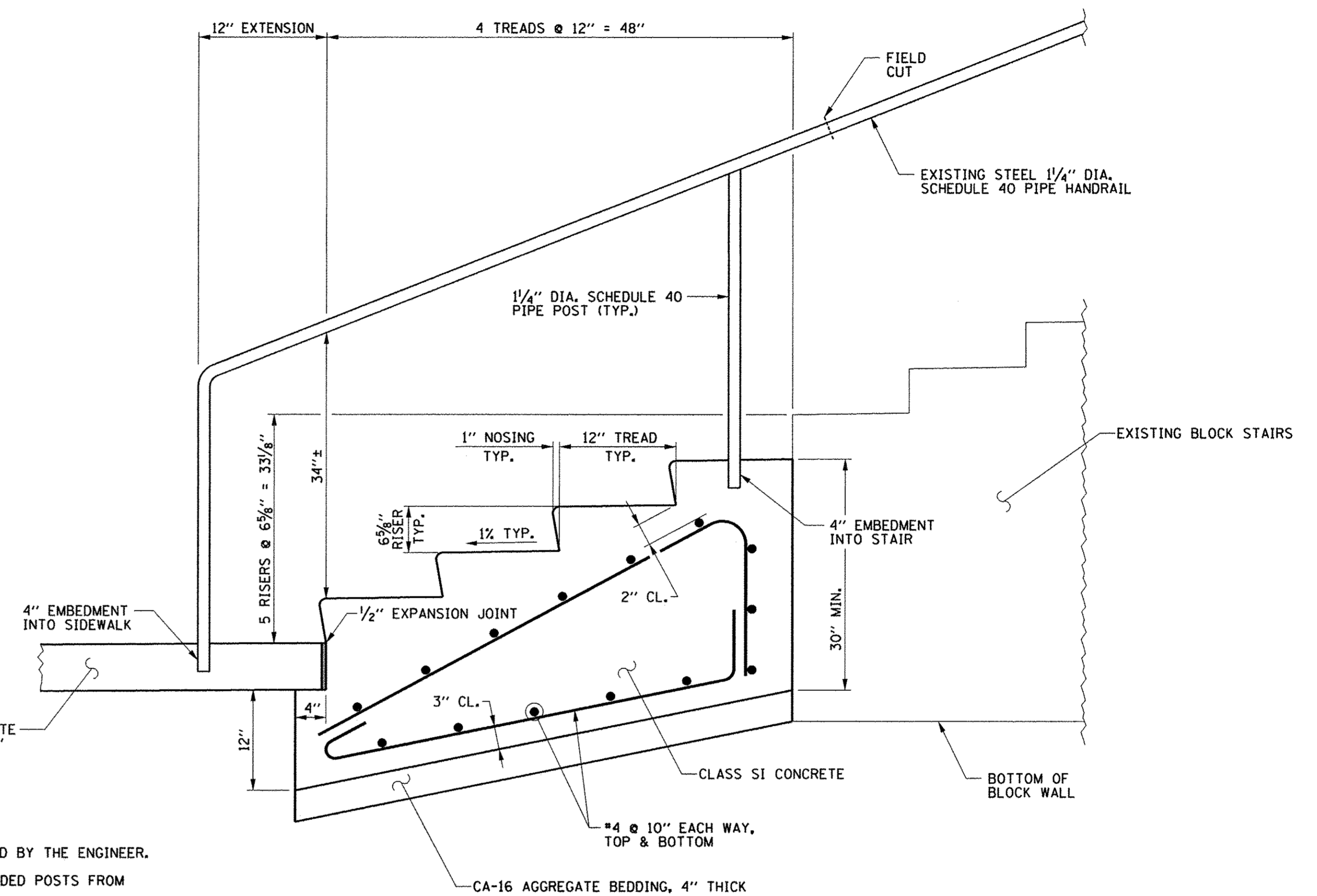
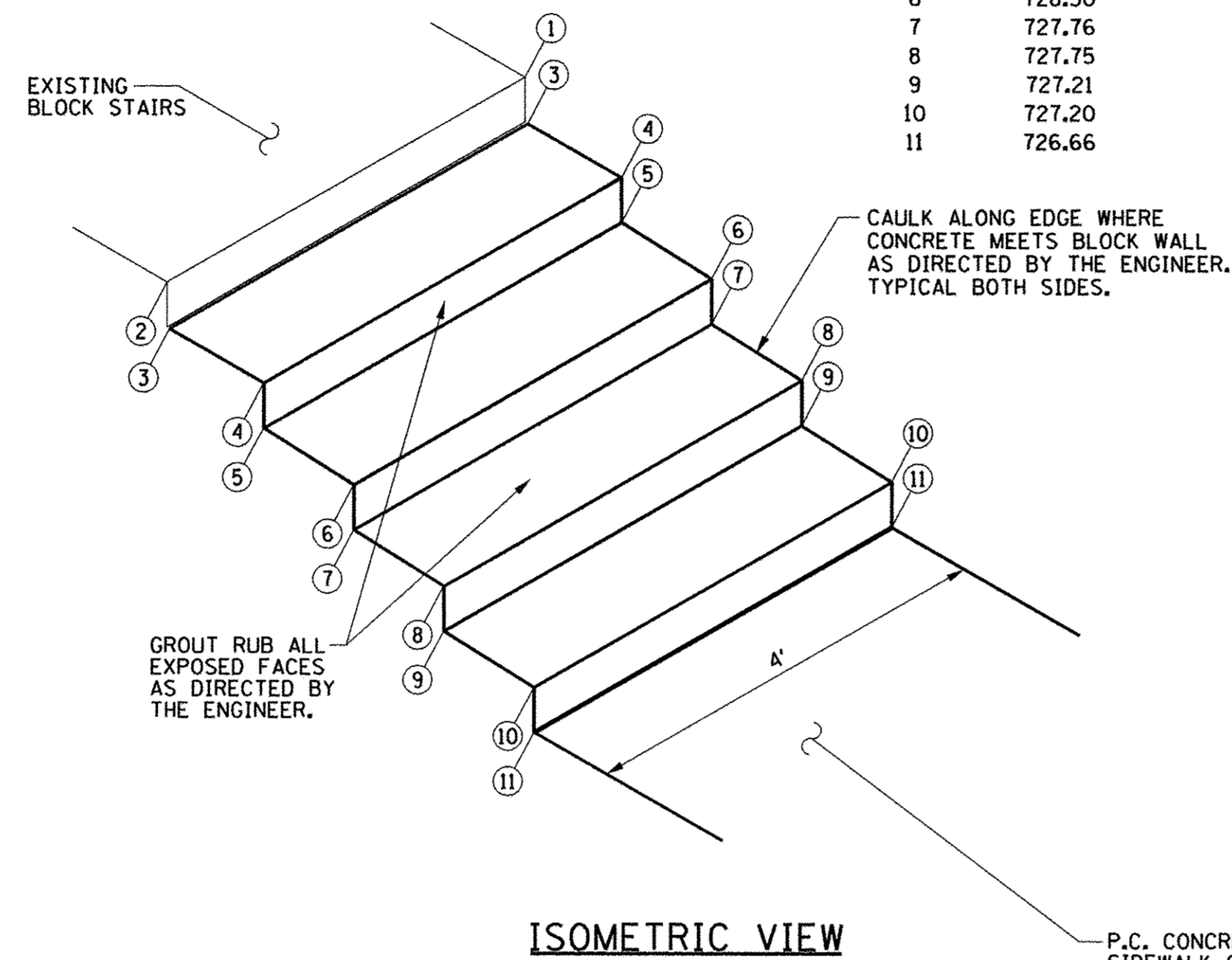
MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 331 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	331
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(058)				



POINT NUMBER	ELEVATION (FIELD VERIFY)
1	729.40
2	729.42
3	728.86
4	728.85
5	728.31
6	728.30
7	727.76
8	727.75
9	727.21
10	727.20
11	726.66



NOTES:

1. REMOVED SECTIONS OF EXISTING RAILING MAY BE SALVAGED AND RESUED IN NEW WORK AS DIRECTED BY THE ENGINEER.
2. CLEANLY SAW CUT AND SALVAGE EXISTING STAIR HANDRAILS FOR REUSE. CAREFULLY REMOVE EMBEDDED POSTS FROM EXISTING CONCRETE.
3. TEMPORARILY SUPPORT REMAINING HANDRAIL USING A METHOD APPROVED BY THE ENGINEER.
4. NEW PIPE SHALL CONFORM TO ASTM A53 STEEL.
5. ALL FIELD AND SHOP WELDS SHALL BE GROUND SMOOTH.
6. PRIME NEW STEEL AND ALL AREAS WHERE EXISTING STEEL IS WELDED. PAINT ALL RAILING TO MATCH EXISTING.
7. CLASS "SI" CONCRETE SHALL BE USED THROUGHOUT THE STAIR CONSTRUCTION.
8. REINFORCEMENT BARS SHALL BE EPOXY COATED.
9. GROUT RUB ALL EXPOSED FACES OF THE STAIRS AS DIRECTED BY THE ENGINEER.
10. WORK ASSOCIATED WITH THE HANDRAILS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR REMOVING AND RE-ERECTING EXISTING RAILING, WHICH PRICE SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIAL NECESSARY TO COMPLETE THE WORK AS SHOWN, INCLUDING ALL REQUIRED LENGTHS OF NEW PIPE.
11. WORK ASSOCIATED WITH THE CONCRETE STAIRS WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR CONCRETE STAIRS, WHICH PRICE SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIAL NECESSARY TO COMPLETE THE WORK AS SHOWN, INCLUDING ALL EXCAVATION, CA-16 AGGREGATE, CLASS SI CONCRETE, AND EPOXY COATED REINFORCEMENT.

**CONCRETE STAIRS AND
REMOVING AND RE-ERECTING EXISTING RAILING**
LOCATION: 604 S. NEIL ST.

FILE NAME =
p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-details.dgn
PLOT DATE =
3/23/2016 4:58:02 PM

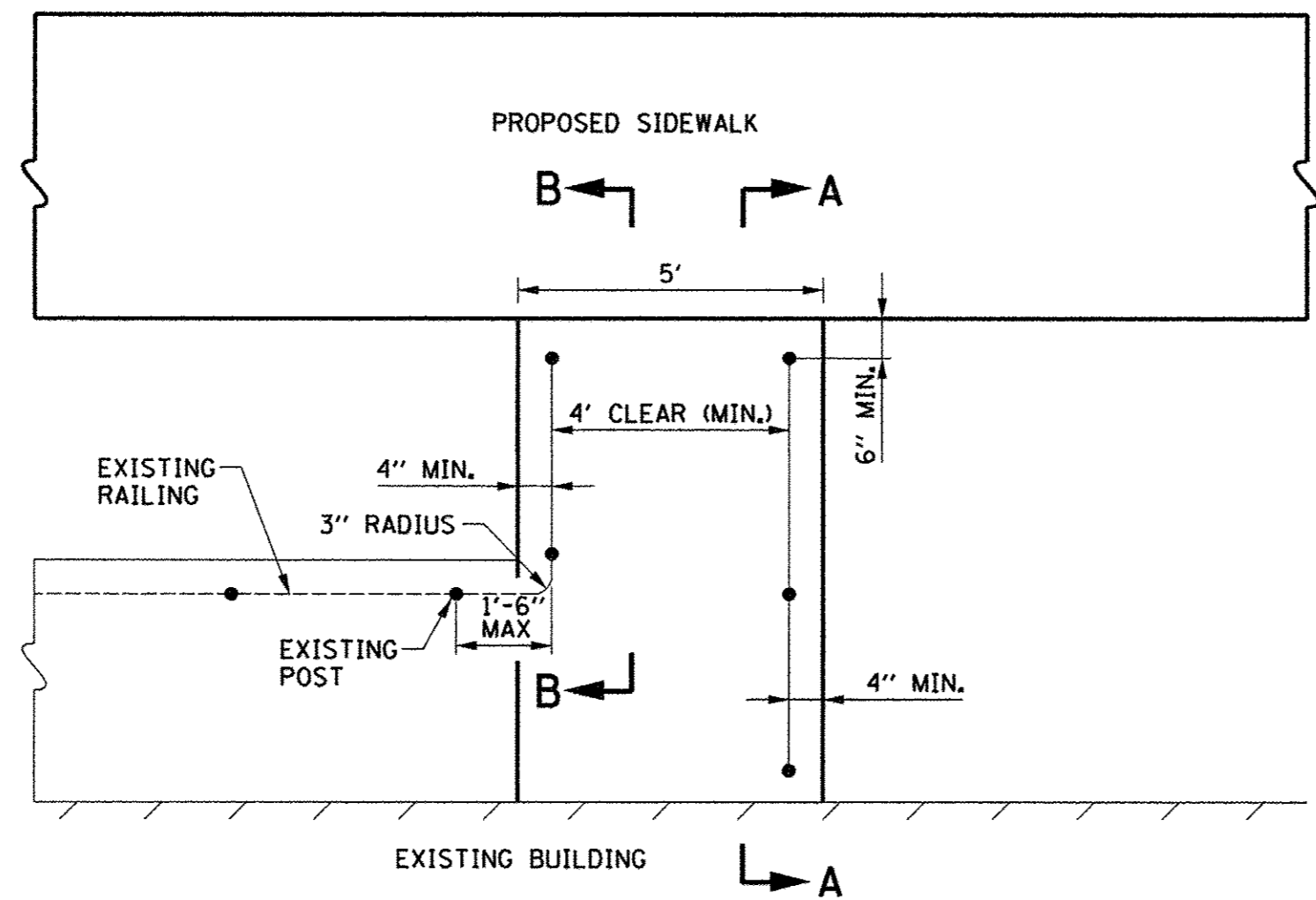
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

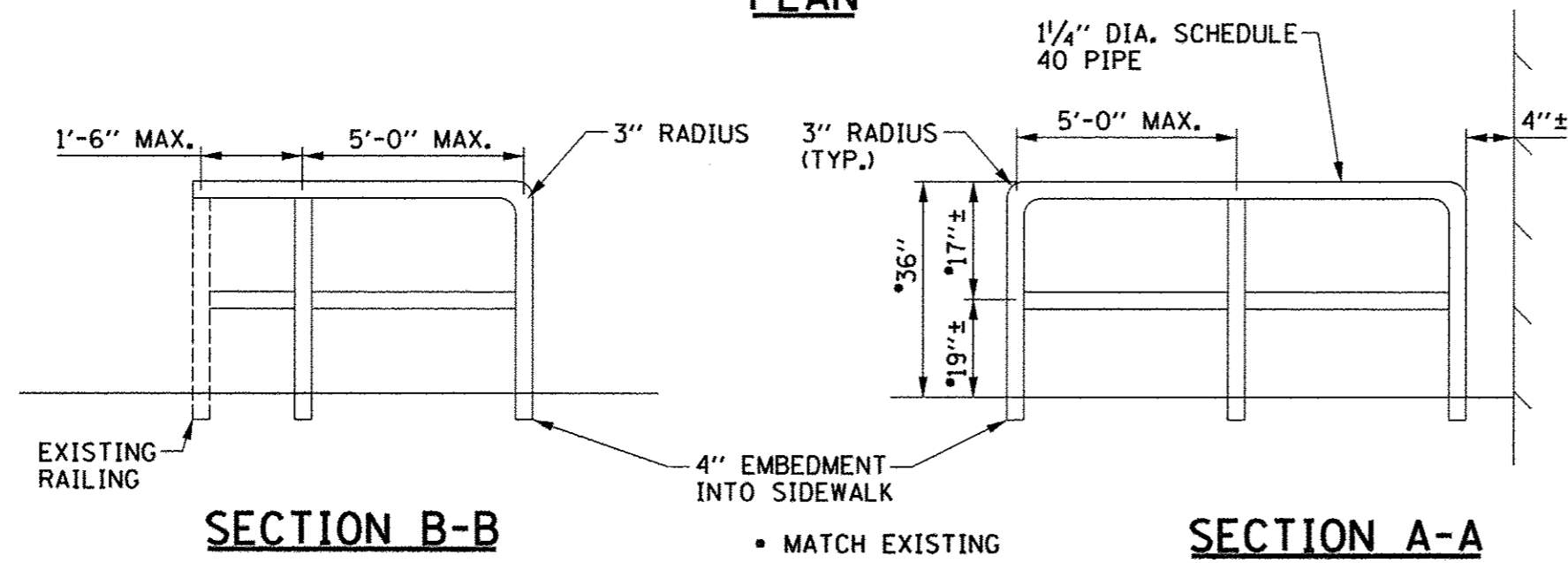
MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 332 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	332
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				



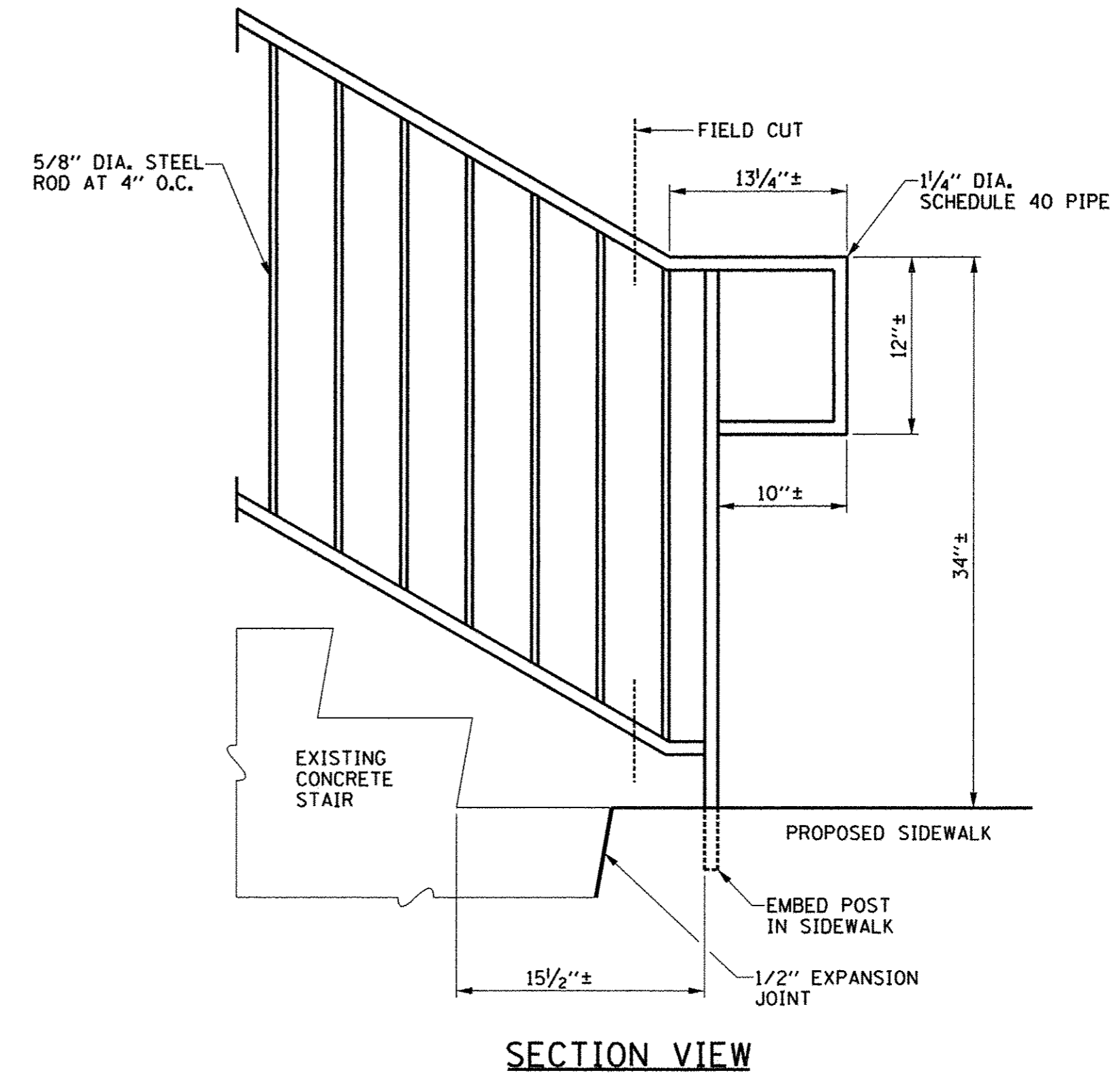
PLAN



NOTES:

1. REMOVED SECTIONS OF EXISTING RAILING MAY BE SALVAGED AND RESUED IN NEW WORK.
2. NEW PIPE SHALL CONFORM TO ASTM A53 STEEL.
3. BEND PIPE TO MATCH EXISTING RADIUS.
4. ALL FIELD AND SHOP WELDS SHALL BE GROUND SMOOTH.
5. PRIME NEW STEEL AND ALL AREAS WHERE EXISTING STEEL IS WELDED. PAINT ALL RAILING TO MATCH EXISTING.
6. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR REMOVING AND RE-ERECTING EXISTING RAILING, WHICH PRICE SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIAL NECESSARY TO COMPLETE THE WORK AS SHOWN.

REMOVING AND RE-ERECTING EXISTING RAILING
LOCATION: 211 E. GREEN ST.



SECTION VIEW

NOTES:

1. CLEANLY SAW CUT AND SALVAGE EXISTING STAIR HANDRAILS FOR REUSE. CUT TO FIT STAIR WITH ONE RISER AND ONE TREAD REMOVED. CAREFULLY REMOVE EMBEDDED POST EXISTING CONCRETE.
2. TEMPORARILY SUPPORT REMAINING HANDRAIL USING A METHOD APPROVED BY THE ENGINEER.
3. REATTACH SALVAGED RAILING END SECTION WITH EXTENSION TO REMAINING HANDRAIL. GRIND WELDS SMOOTH, PRIME AND PAINT TO MATCH EXISTING.
4. EMBED POST INTO NEW CONCRETE SIDEWALK.
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR REMOVING AND RE-ERECTING EXISTING RAILING, WHICH PRICE SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIAL NECESSARY TO COMPLETE THE WORK AS SHOWN.

REMOVING AND RE-ERECTING EXISTING RAILING
LOCATION: 302 E. GREEN ST.

FILE NAME =
p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-details.dgn
PLOT DATE =
3/23/2016 4:58:03 PM

DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

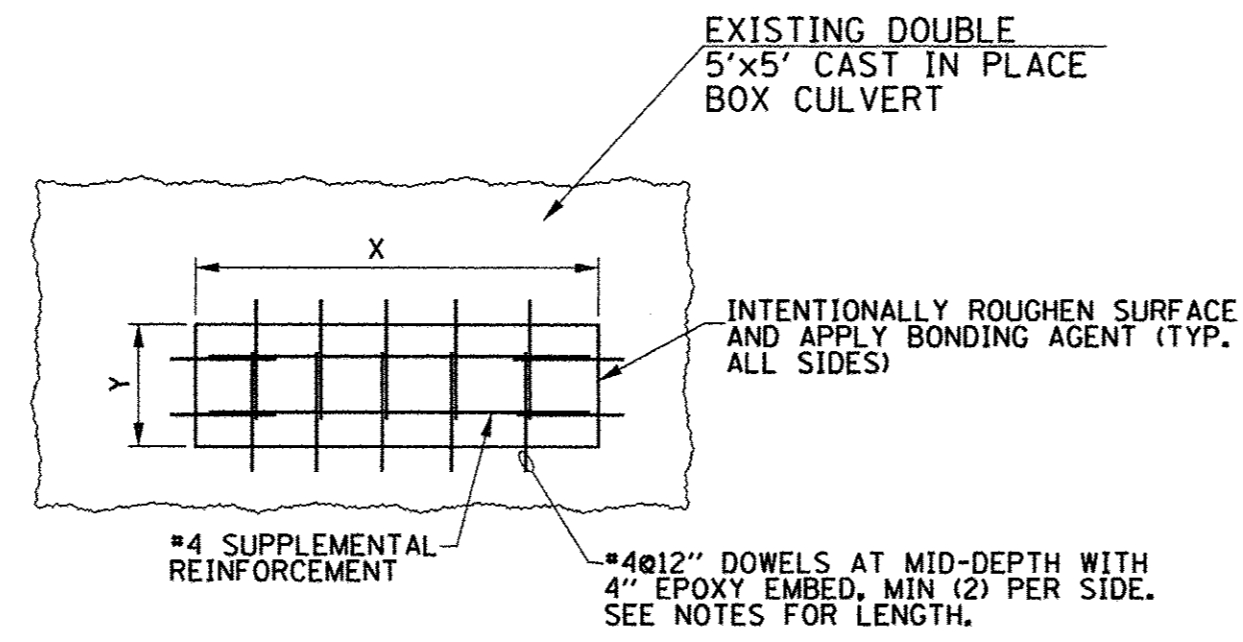
MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 333 OF 412 SHEETS STA. TO STA.

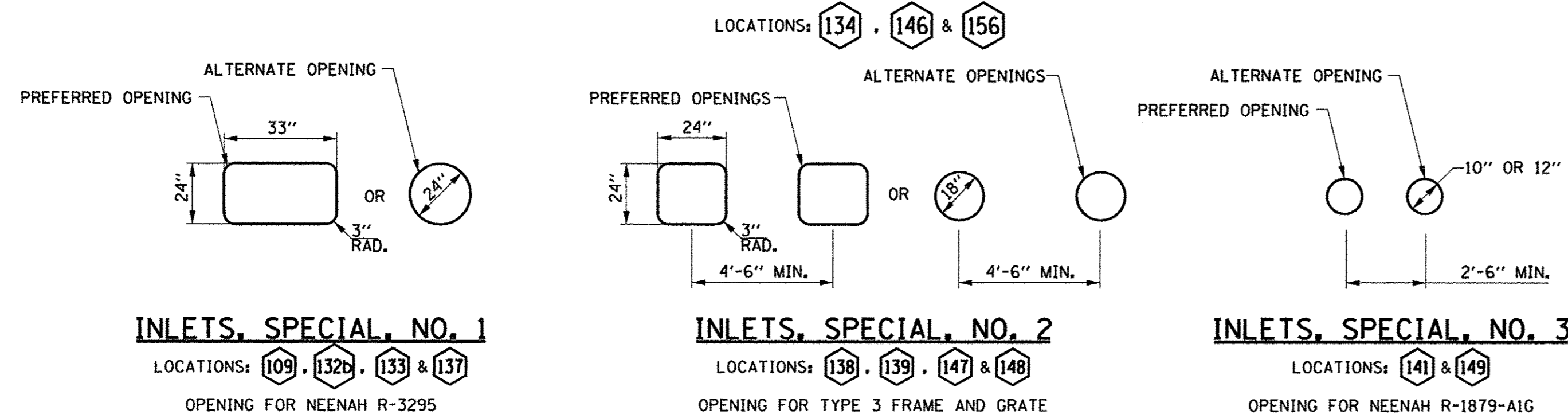
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	333
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)				

NOTES:

- WHERE LENGTH OR WIDTH OF OPENING EXCEEDS 2'-0", PROVIDE SUPPLEMENTAL #4 EQUAL TO THE DIMENSION OF THE OPENING LESS 4". LAP WITH DOWEL BAR, 1'-4" MIN. LAP.
- PROVIDE 1'-8" DOWEL BARS UNLESS THE DIMENSION IS LESS THAN 1'-8". WHEN THE DIMENSION IS LESS THAN 1'-9" DOWEL BAR SHALL BE EQUAL TO THE WIDTH OF OPENING LESS 1". PROVIDE 4" EPOXY EMBED.
- FORMS FOR THE UNDERSIDE OF THE FILLED OPENING SHALL NOT BE LEFT IN PLACE AFTER CONCRETE HAS CURED A MINIMUM OF 3 DAYS.
- APPLY BUTYL LAMINATED FLASHING, 4" MIN. WIDTH, ALONG TOP SURFACE AND CENTERED ON CONSTRUCTION JOINT. FLASHING SHALL HAVE 60 MIL MIN. THICKNESS. OVERLAP FLASHING AT CORNERS.
- FILLING THE EXISTING OPENINGS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVING INLETS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



FILLING EXISTING OPENINGS IN DOUBLE BOX CULVERT



INLETS, SPECIAL, NO. 1

LOCATIONS: 109, 132b, 133 & 137

OPENING FOR NEENAH R-3295

INLETS, SPECIAL, NO. 2

LOCATIONS: 138, 139, 147 & 148

OPENING FOR TYPE 3 FRAME AND GRATE

INLETS, SPECIAL, NO. 3

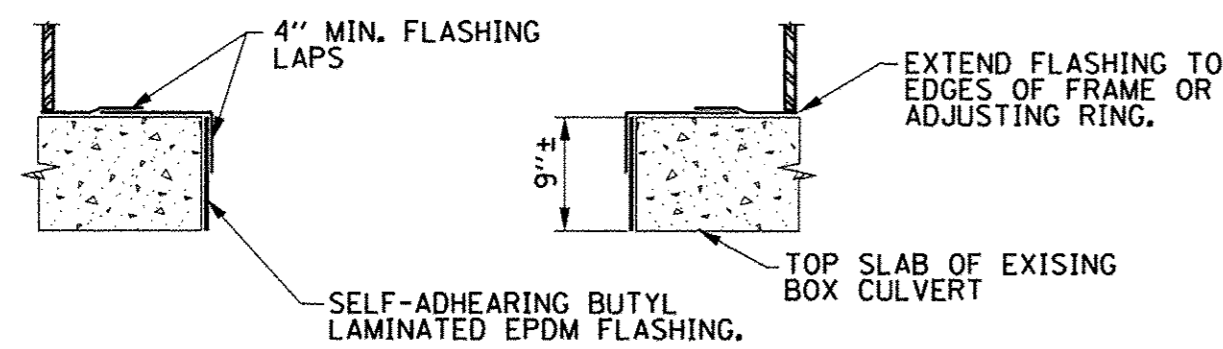
LOCATIONS: 141 & 149

OPENING FOR NEENAH R-1879-AIG

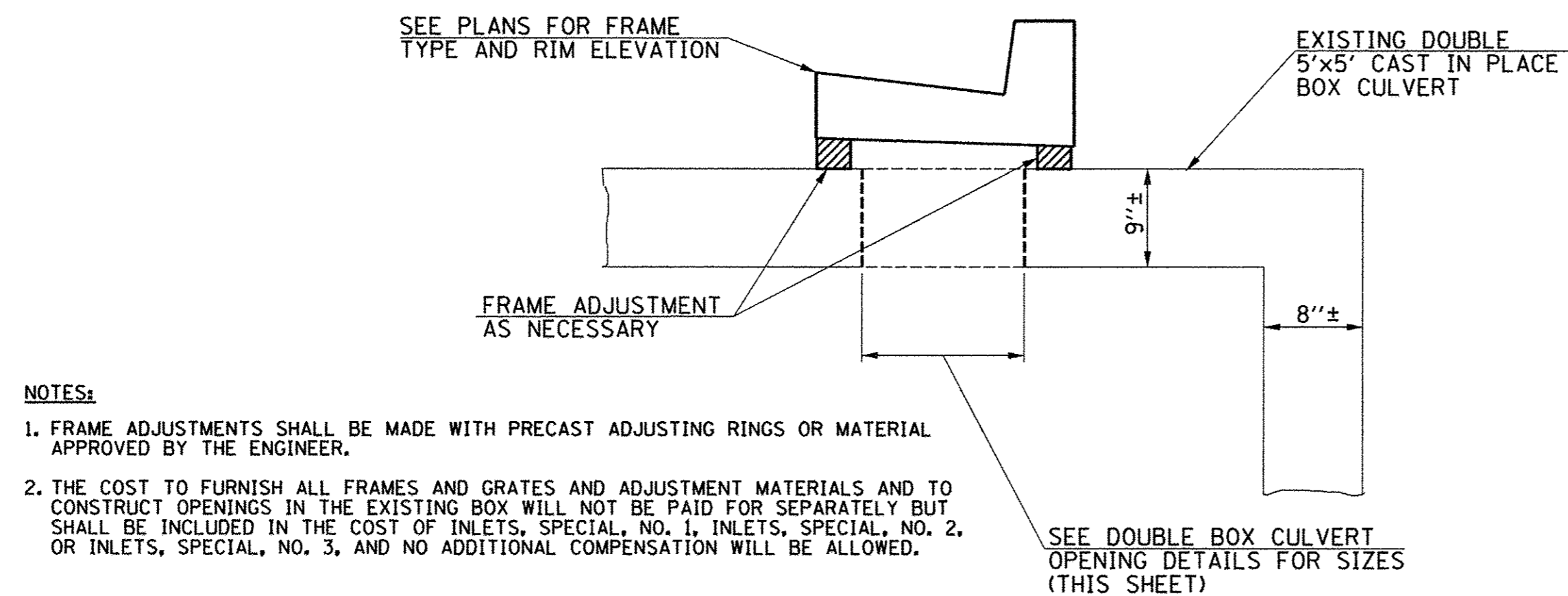
NOTES:

- CONTRACTOR SHALL USE THE PREFERRED OPENING SIZE LISTED ABOVE. WHEN PROPOSED OPENING IS IN CLOSE PROXIMITY OF AN EXISTING OPENING, COLUMN OR WALL INSIDE THE BOX THE ALTERNATE OPENING SIZE SHALL BE USED.
- SELF-ADHERING BUTYL LAMINATED FLASHING SHALL HAVE 60 MIL MIN. THICKNESS.
- PREPARE CONCRETE SURFACES ACCORDING TO MANUFACTURER'S INSTRUCTIONS. APPLY PRIMER TO PROMOTE ADHESION AS REQUIRED.
- PROVIDE LEVEL SURFACE UNDER GRATE FRAMES AND PRECAST RINGS. APPLY ADDITIONAL LAYERS OF FLASHING TO LEVEL.
- DO NOT EXTEND FLASHING MORE THAN 2" BEYOND EDGES OF FRAME OR PRECAST RINGS. TRIM FLASHING AS REQUIRED.

FLASHING FOR DOUBLE BOX CULVERT OPENINGS



DOUBLE BOX CULVERT OPENING DETAILS

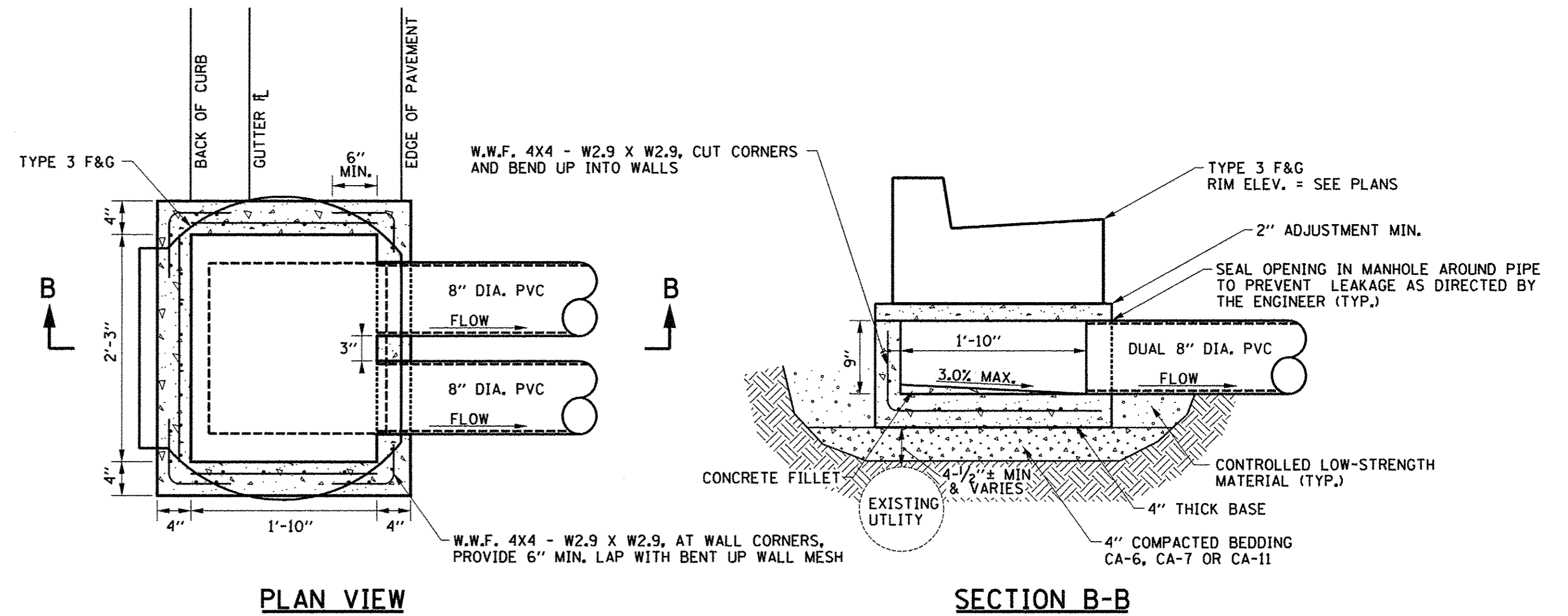


NOTES:

- FRAME ADJUSTMENTS SHALL BE MADE WITH PRECAST ADJUSTING RINGS OR MATERIAL APPROVED BY THE ENGINEER.
- THE COST TO FURNISH ALL FRAMES AND GRATES AND ADJUSTMENT MATERIALS AND TO CONSTRUCT OPENINGS IN THE EXISTING BOX WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF INLETS, SPECIAL, NO. 1, INLETS, SPECIAL, NO. 2, OR INLETS, SPECIAL, NO. 3, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**INLETS, SPECIAL, NO. 1
INLETS, SPECIAL, NO. 2
INLETS, SPECIAL, NO. 3**

LOCATIONS: SEE PLANS



PLAN VIEW

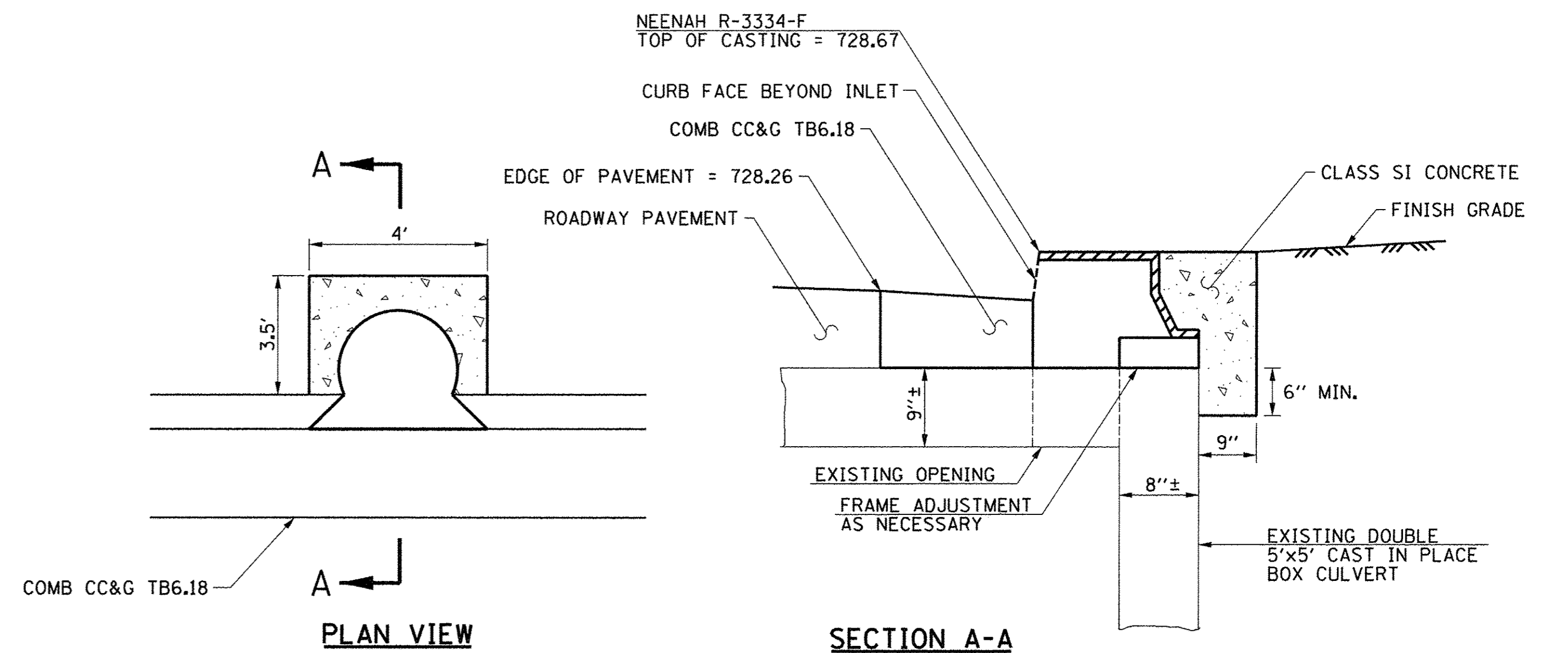
SECTION B-B

NOTES:

- THE COST TO FURNISH THE STRUCTURE, FRAME AND LID, ADJUSTMENT MATERIALS, AND TO CONSTRUCT THE INLET AS DETAILED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF INLETS, SPECIAL, NO. 5, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

INLETS, SPECIAL, NO. 5

LOCATIONS: SEE PLANS



PLAN VIEW

SECTION A-A

NOTES:

- THE COST TO FURNISH THE FRAME AND LID, THE ADJUSTMENT MATERIALS, AND THE CLASS SI CONCRETE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF INLETS, SPECIAL, NO. 4, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

INLETS, SPECIAL, NO. 4

LOCATION: 108



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-rdwy-details.dgn
PLOT DATE = 3/23/2016 4:58:04 PM

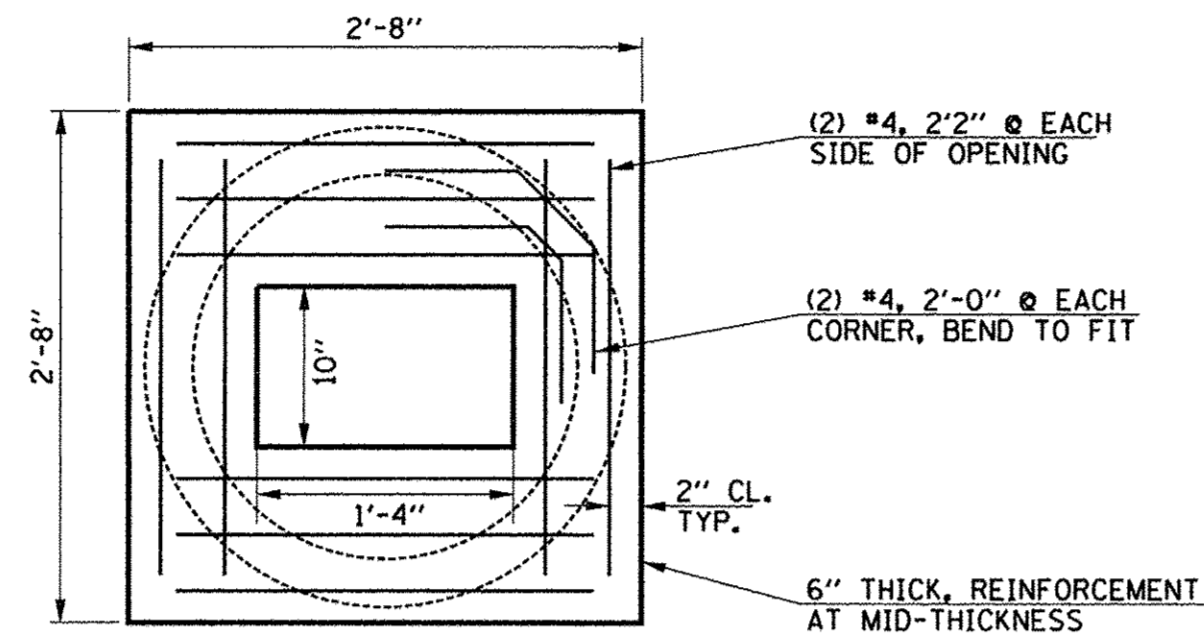
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

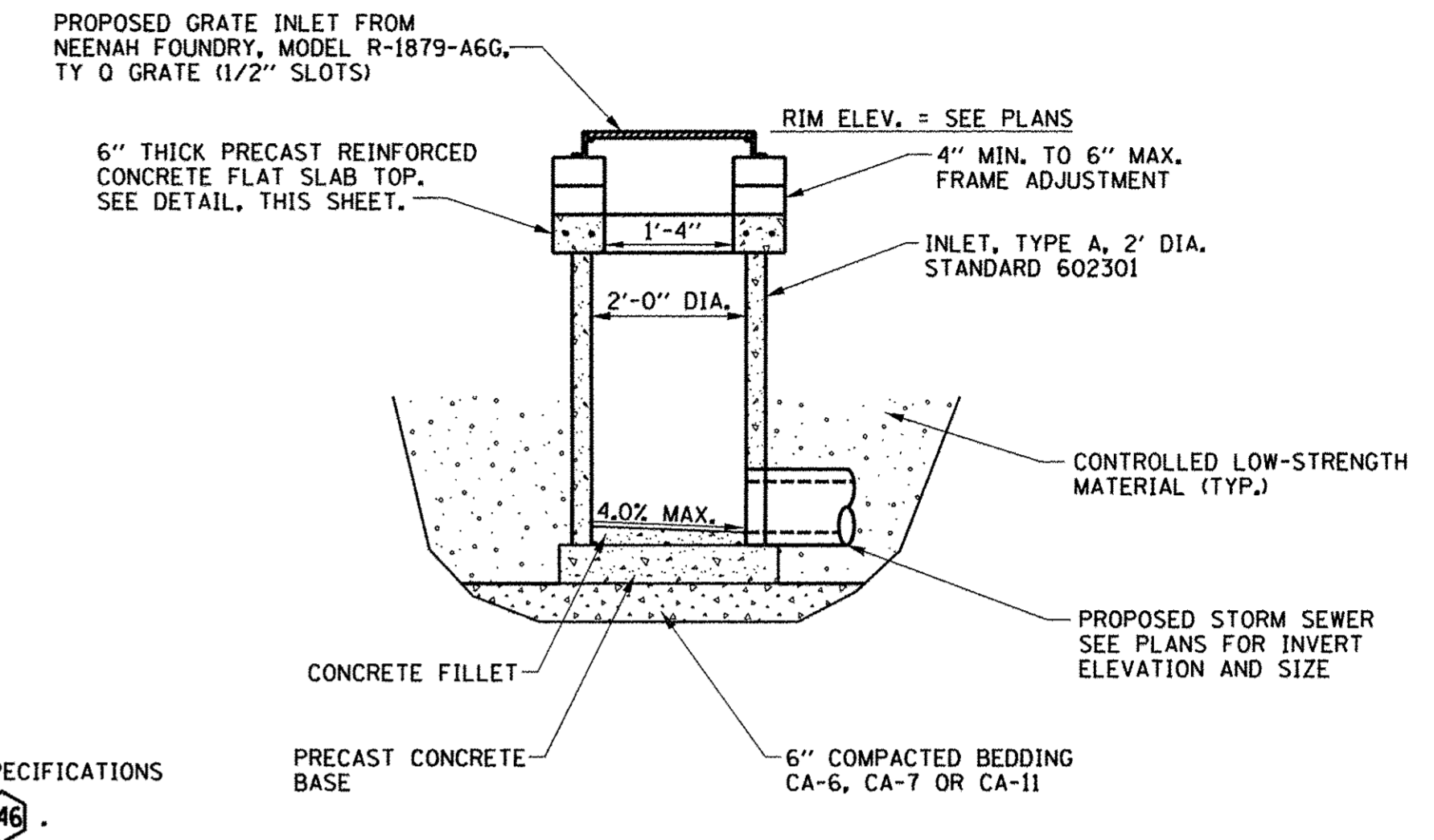
MISCELLANEOUS DETAILS

SCALE: NONE SHEET NO. 334 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	334
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				

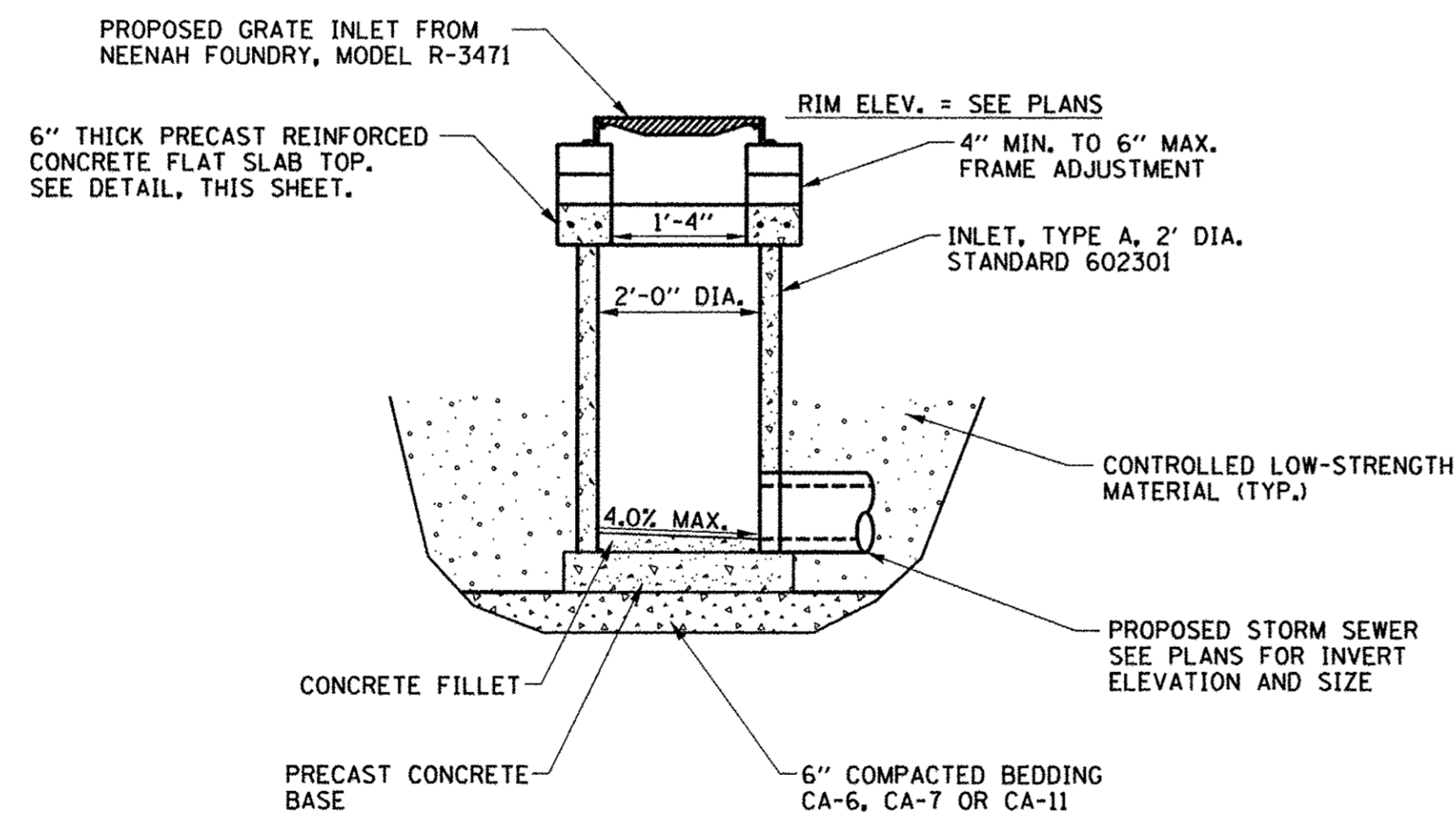


6" THICK PRECAST REINFORCED CONCRETE FLAT SLAB TOP
LOCATIONS: INLETS, SPECIAL, NO. 6 & INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE



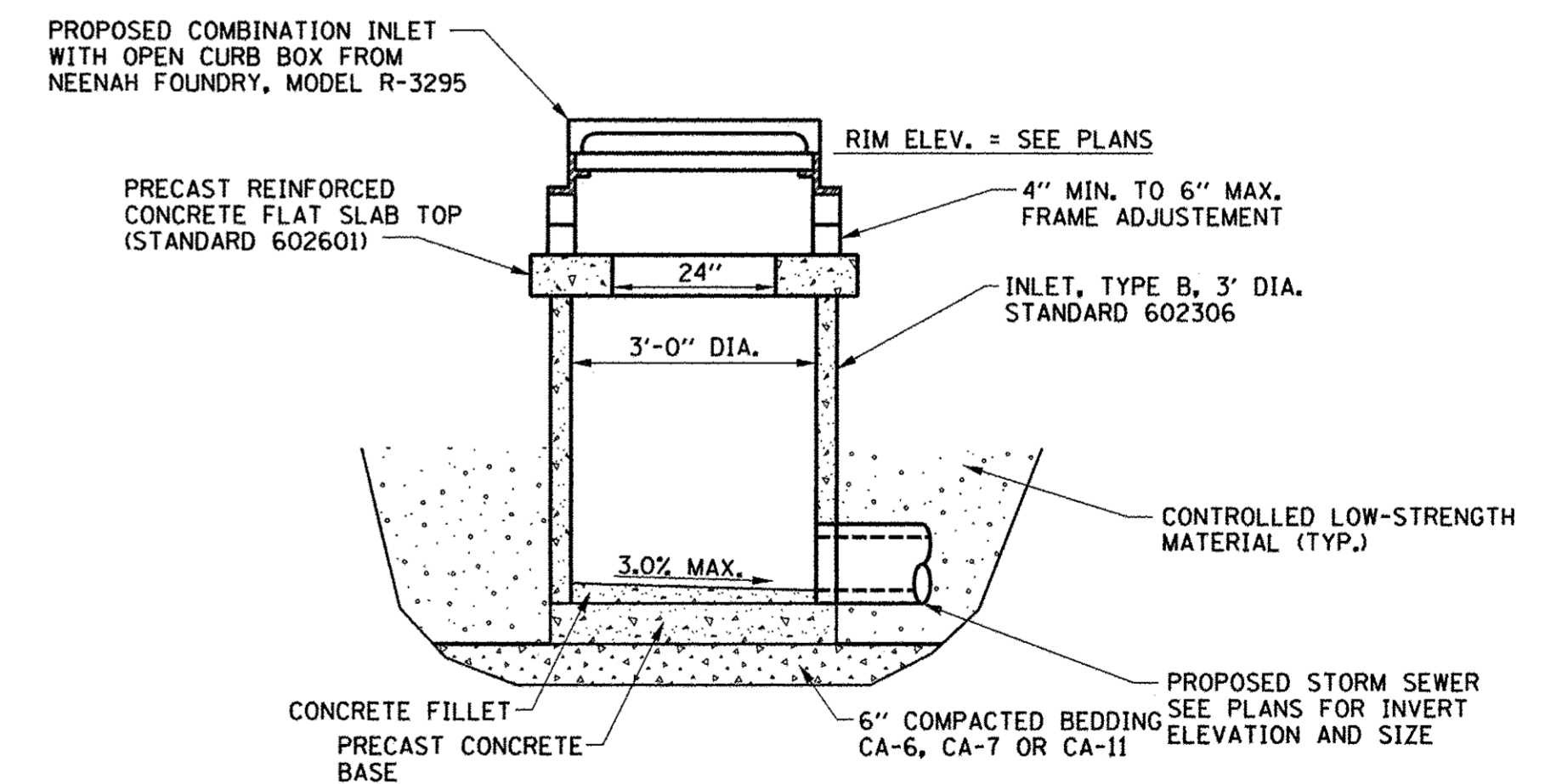
NOTES:
1. SEE TECHNICAL SPECIFICATIONS FOR STRUCTURE **346**.

INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE
LOCATIONS: **201d, 216, 239d, 263 & 361d**



NOTES:
1. THE COST TO FURNISH THE STRUCTURE, FRAME AND LID, ADJUSTMENT MATERIALS, AND TO CONSTRUCT THE INLET AS DETAILED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF INLETS, SPECIAL, NO. 6, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

INLETS, SPECIAL, NO. 6
LOCATIONS: **320 & 365**



INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE
LOCATION: SEE PLANS

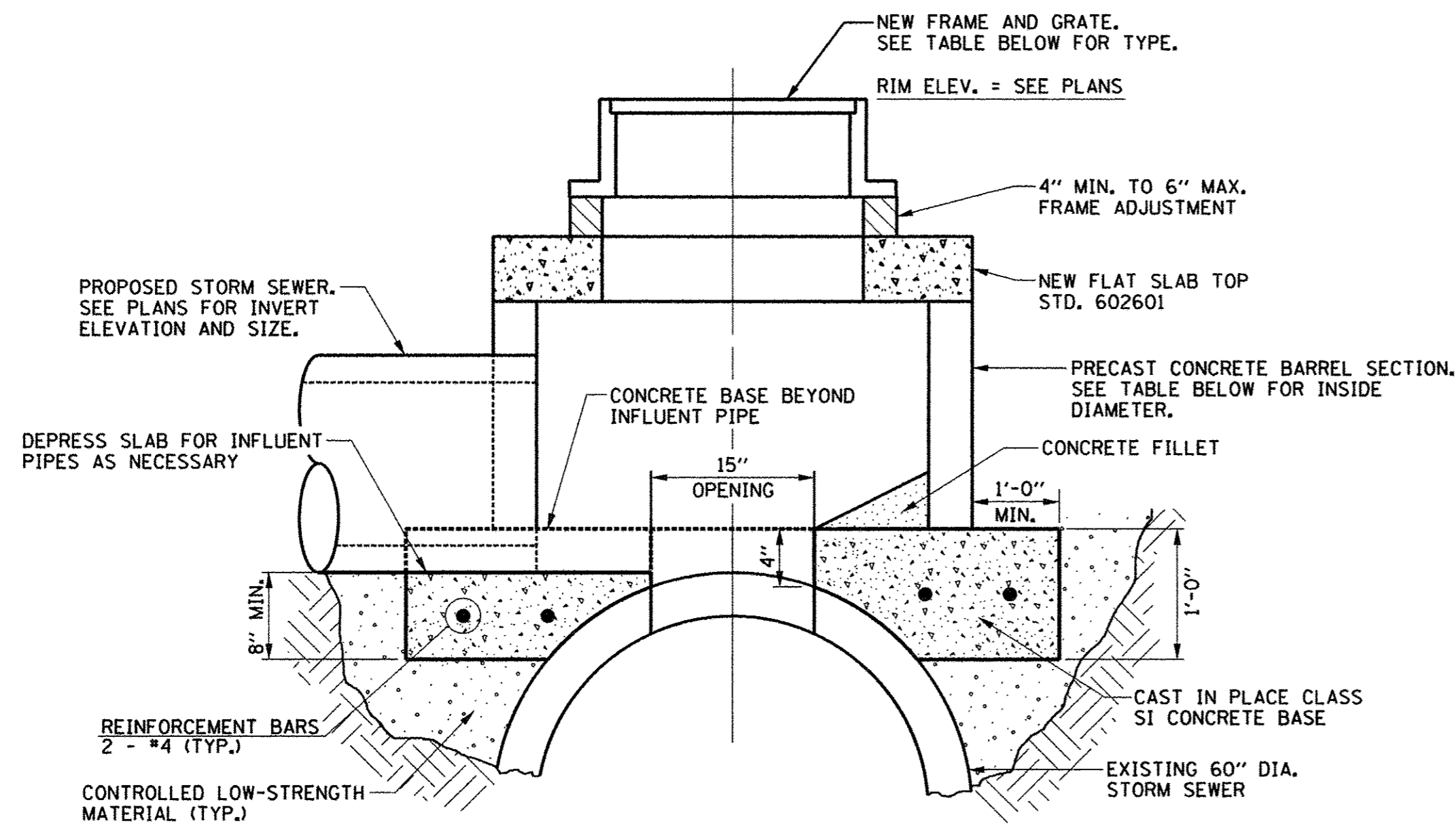
FILE NAME =	DESIGNED - J.A.J.	REVISED -
p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-detail1s.dgn	DRAWN - D.L.M.	REVISED -
PLOT DATE =	CHECKED - S.M.W.	REVISED -
4/26/2016 10:41:14 AM	DATE - MARCH 2016	REVISED -

DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

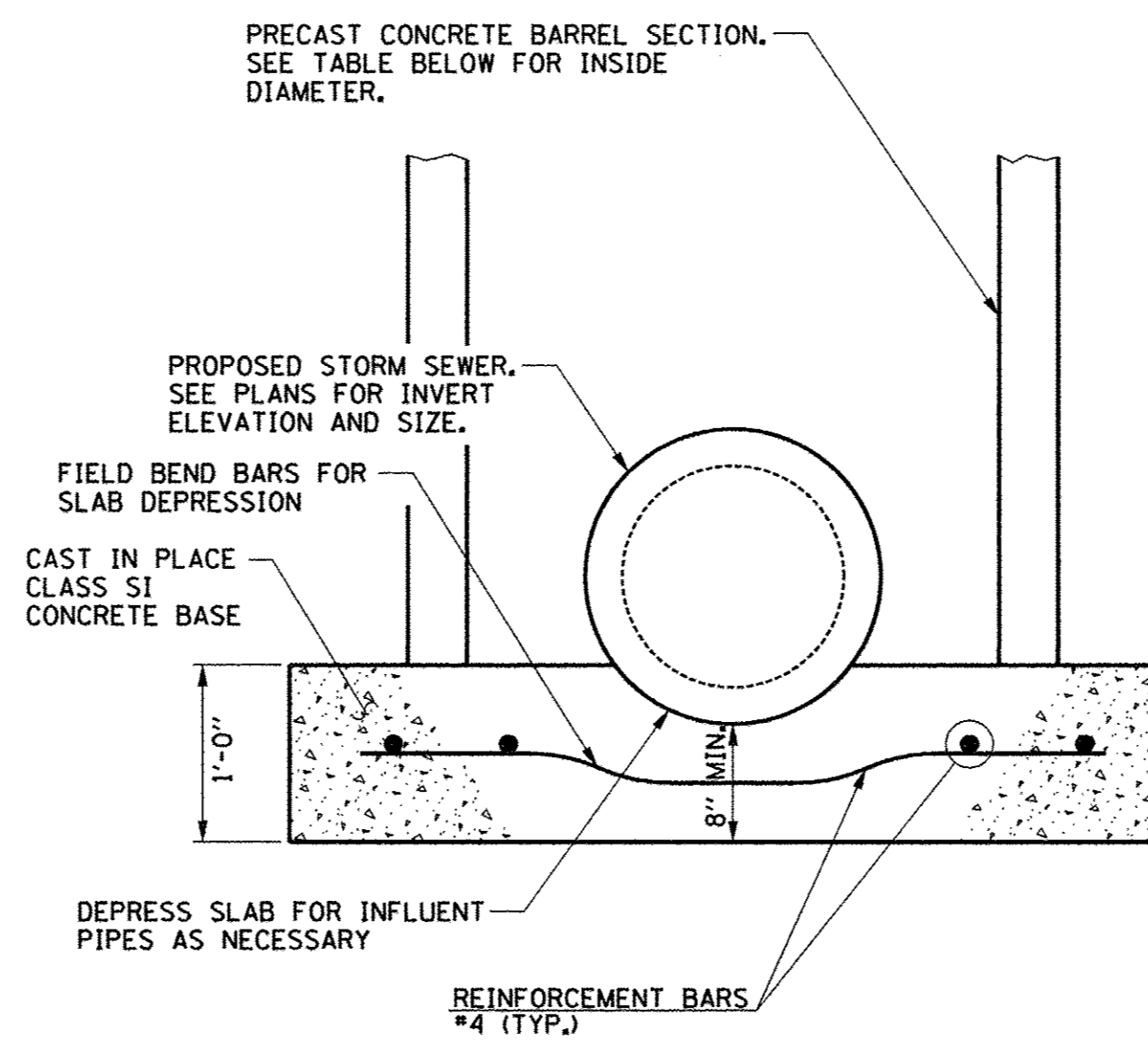
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS	
SCALE : NONE	SHEET NO. 335 OF 412 SHEETS
STA.	TO STA.

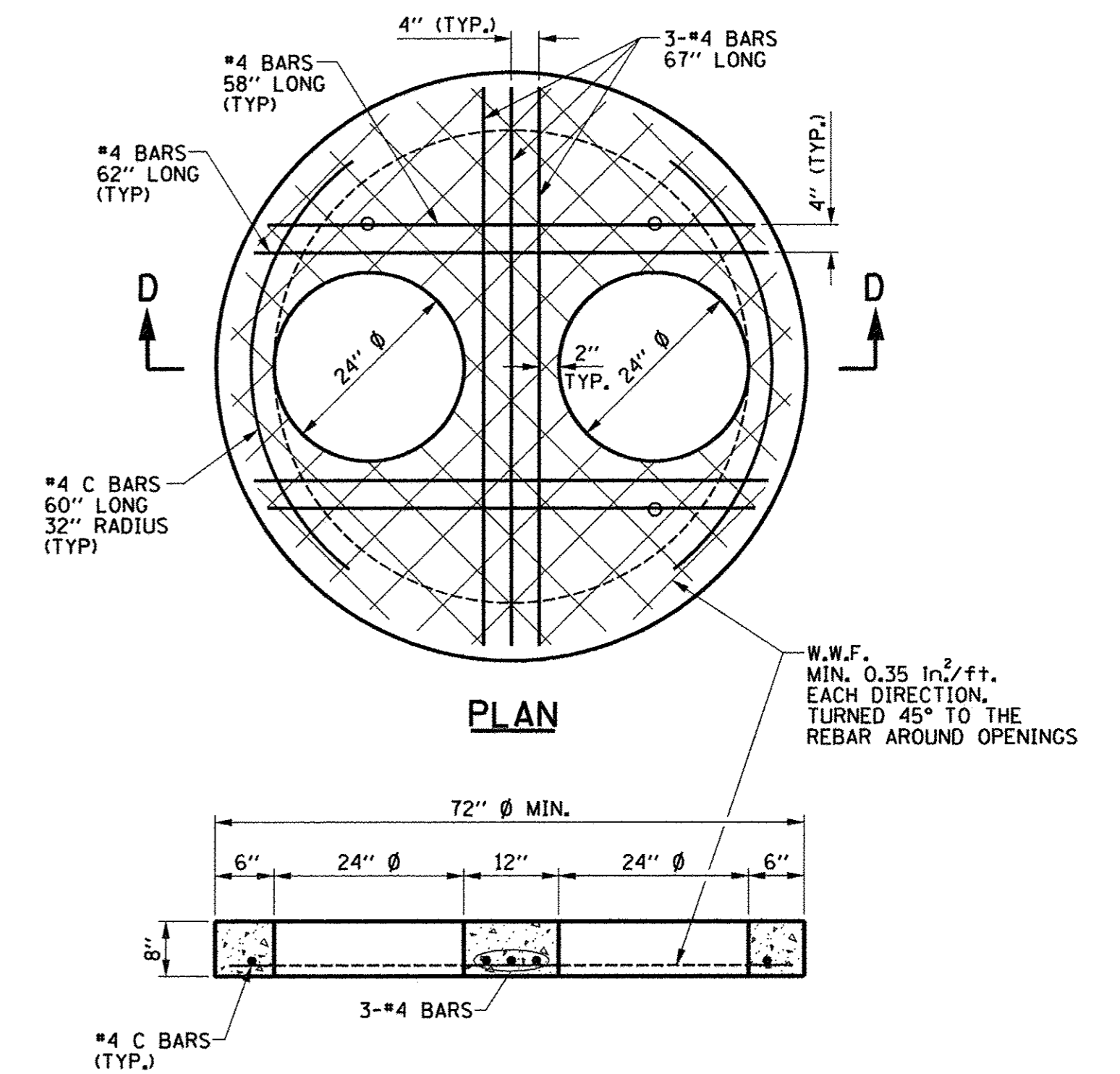
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	335
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810581				



SECTION A-A



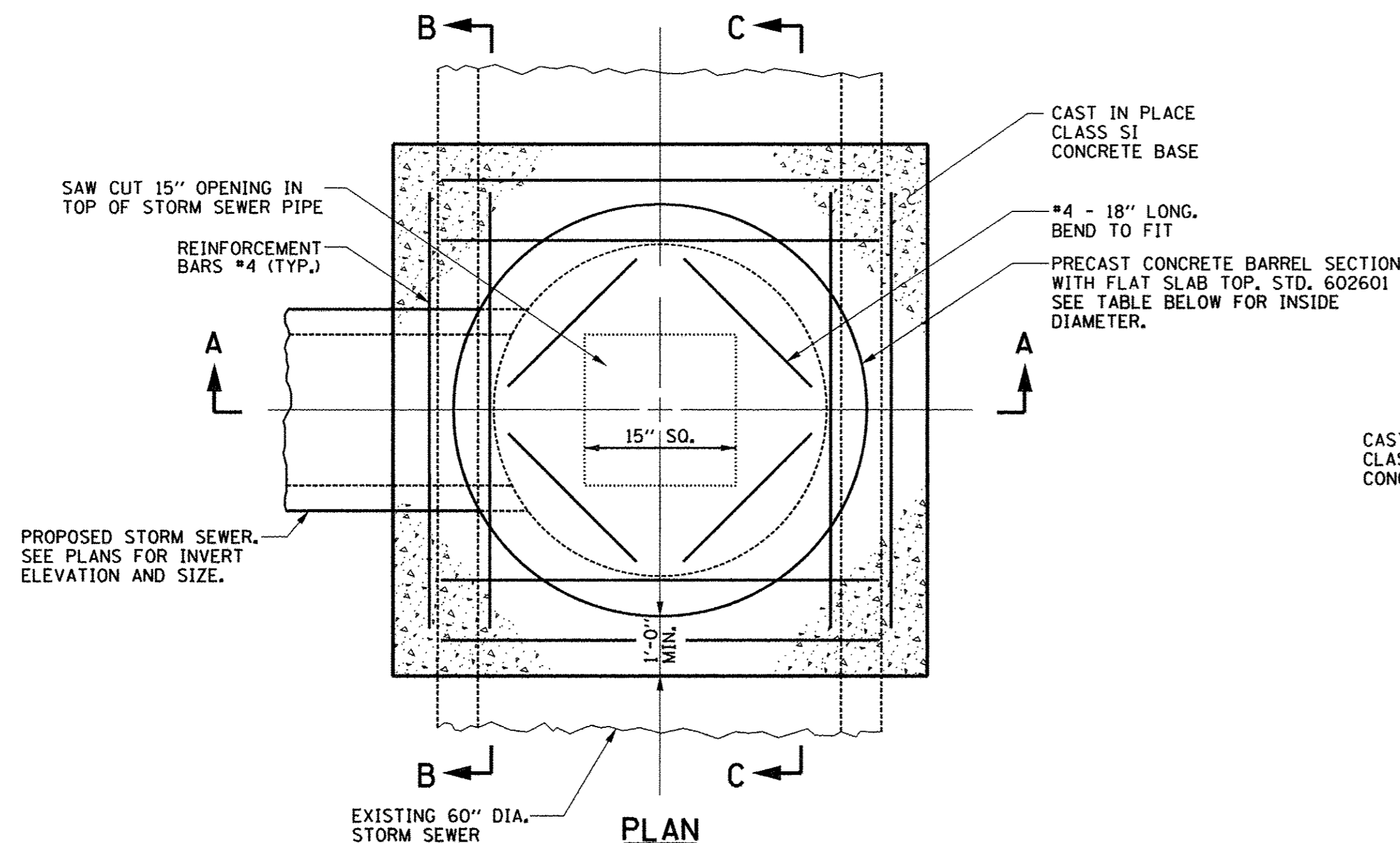
SECTION B-B
(FOR SLAB CONFLICT WITH INFLUENT PIPES)



SECTION D-D

NOTES:
1. THE COST OF THE FLAT SLAB TOP SHALL BE INCLUDED IN THE COST OF THE MANHOLE, SPECIAL.

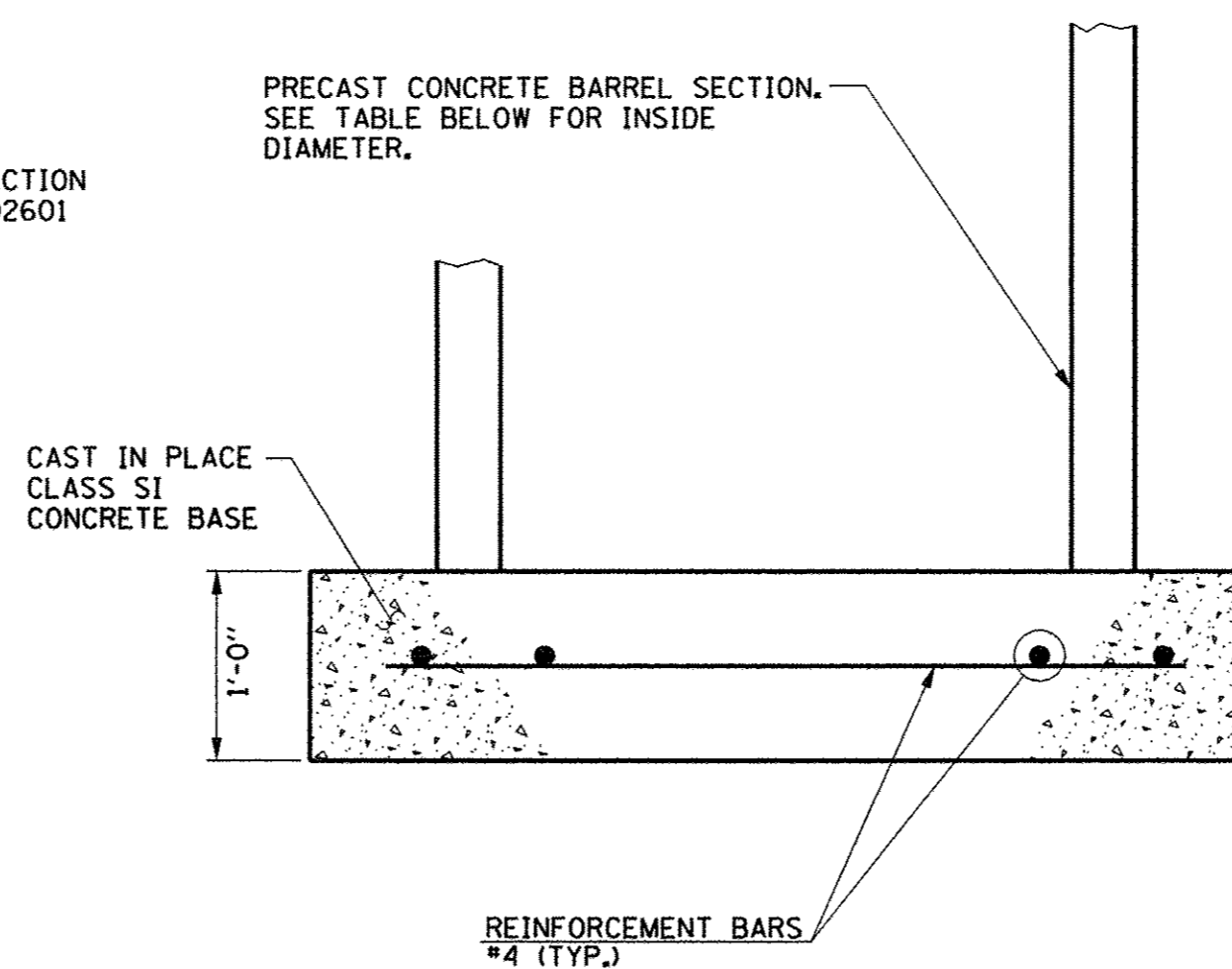
**PRECAST REINFORCED CONCRETE
FLAT SLAB TOP WITH DOUBLE OPENINGS
FOR MANHOLE, SPECIAL**



STR NO.	INSIDE DIA.	FRAME TYPE
211	4	IDOT TYPE 1 (OPEN LID)
276	4	NEENAH R-3295
280	5	IDOT TYPE 3
281	4	IDOT TYPE 8

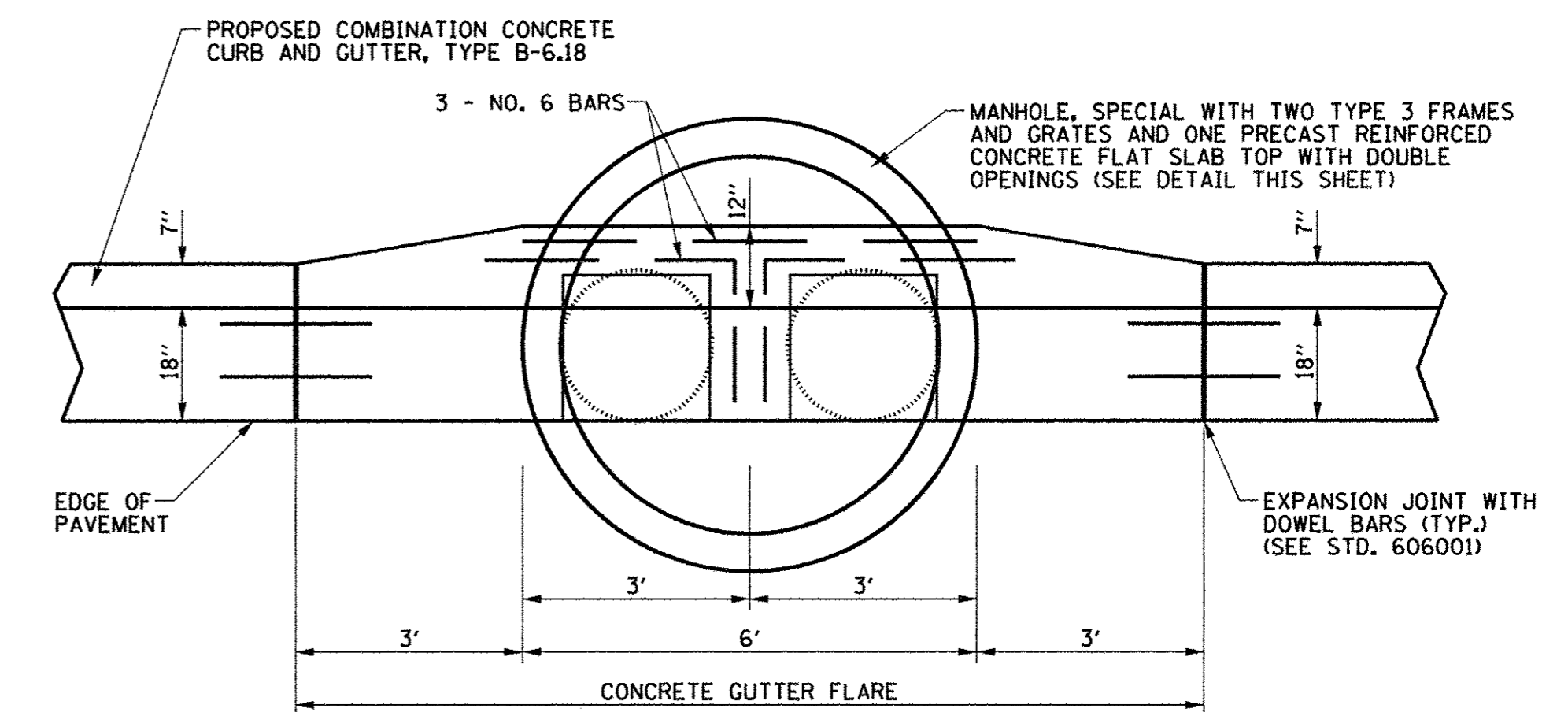
MANHOLE RISER STRUCTURES (OPEN BOTTOM)

LOCATIONS: [211], [276], [280] & [281]



SECTION C-C
(TYPICAL)

NOTE:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE RISER STRUCTURES (OPEN BOTTOM), WHICH PRICE SHALL INCLUDE FRAME & GRATE, CONCRETE, CONCRETE BARRELS, FLAT SLAB TOP, AND LABOR, WORK SHALL BE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.



NOTES:
1. SEE THE PLAN AND PROFILE SHEETS AND DRAINAGE STRUCTURE SCHEDULES FOR LOCATIONS OF GUTTER FLARES TO BE CONSTRUCTED WITH THE MANHOLE, SPECIAL.
2. THE COST OF CONSTRUCTING THE CONCRETE GUTTER FLARE AS SHOWN INCLUDING REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**CONCRETE GUTTER FLARE
FOR MANHOLE, SPECIAL**



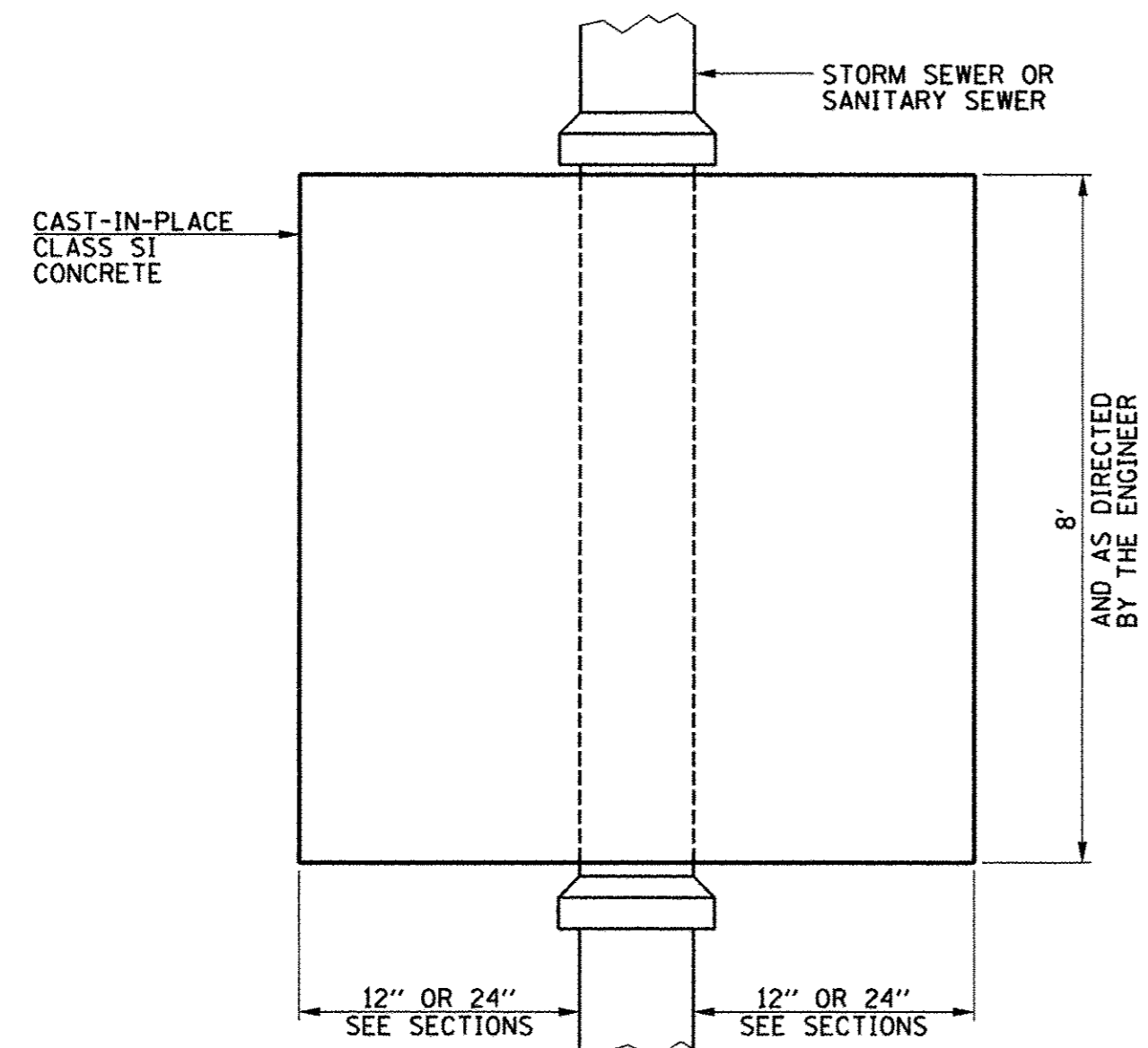
FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-detail1s.dgn
PLOT DATE = 3/23/2016 4:58:06 PM

DESIGNED - J.A.J. REVISIONS -
DRAWN - D.L.M. REVISIONS -
CHECKED - S.M.W. REVISIONS -
DATE - MARCH 2016 REVISIONS -

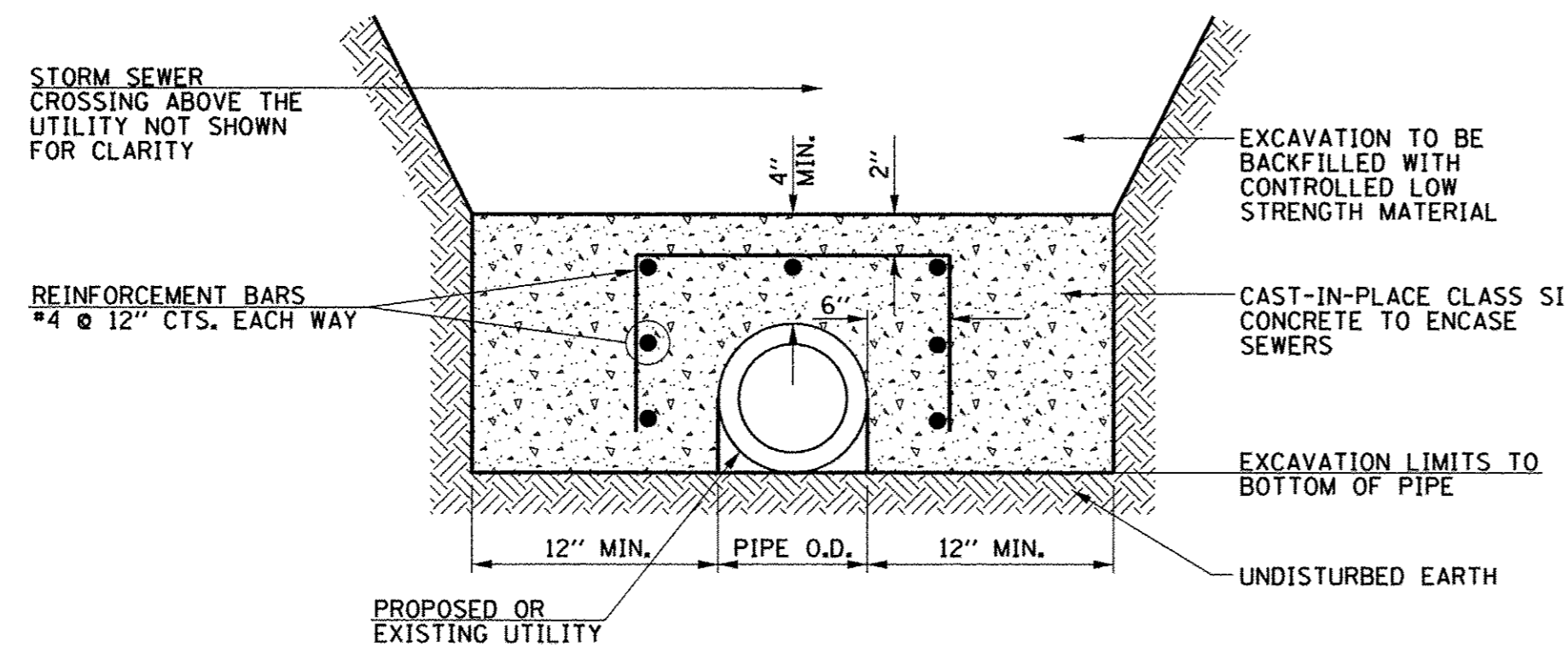
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
SCALE: NONE SHEET NO. 336 OF 412 SHEETS STA. TO STA.

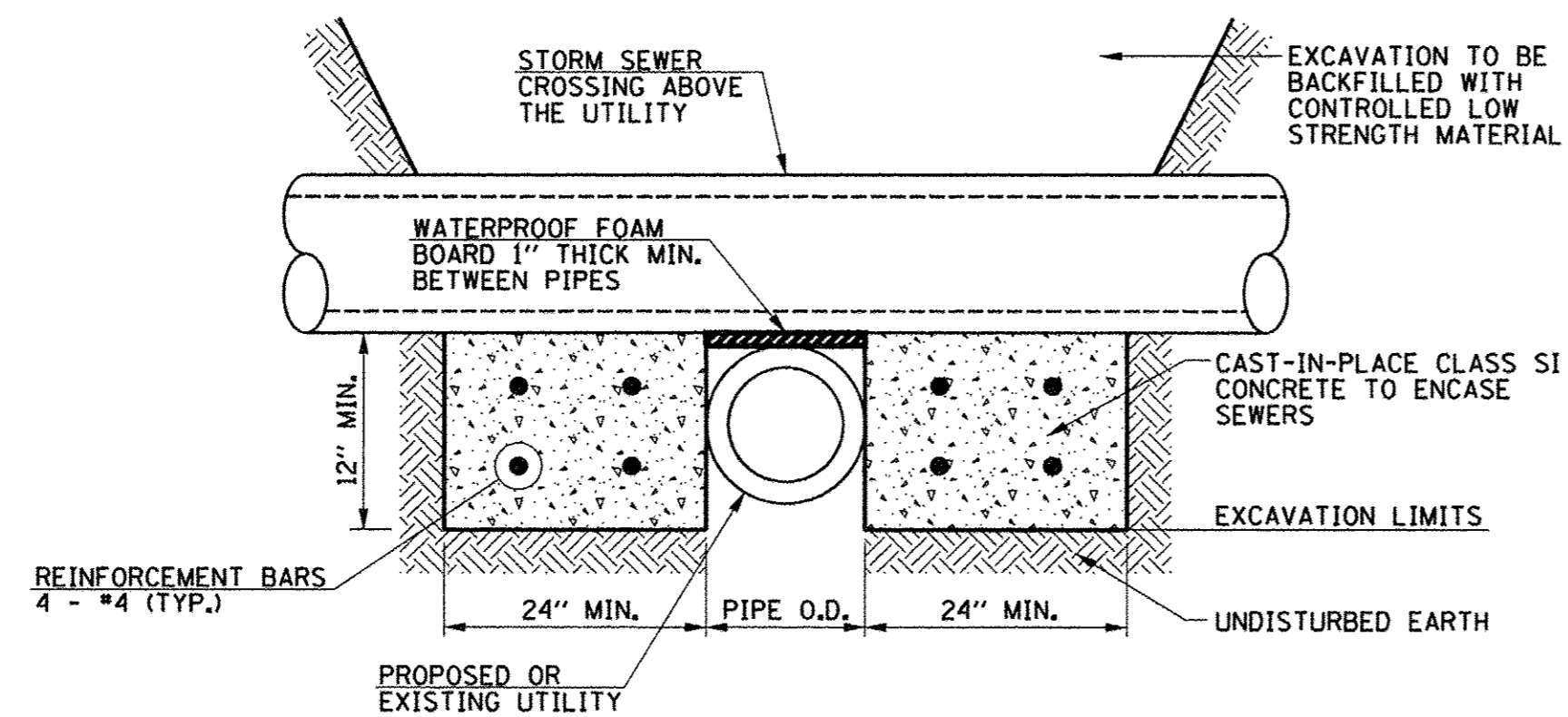
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	336
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810589				



PLAN DETAIL



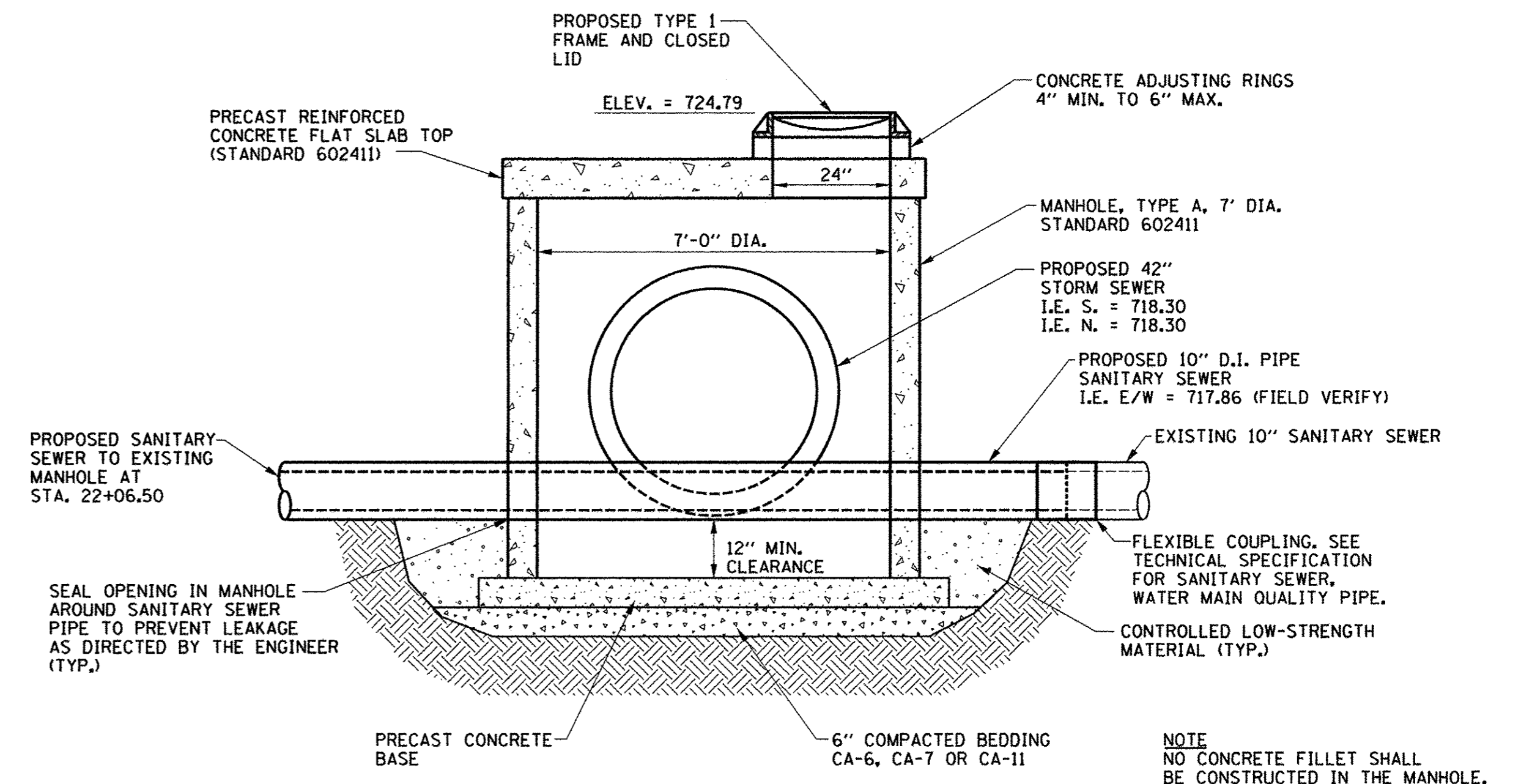
**SECTION
(WITH 4" MIN. CLEARANCE BETWEEN PIPES)**



**SECTION
(WITH LESS THAN 4" CLEARANCE BETWEEN PIPES)**

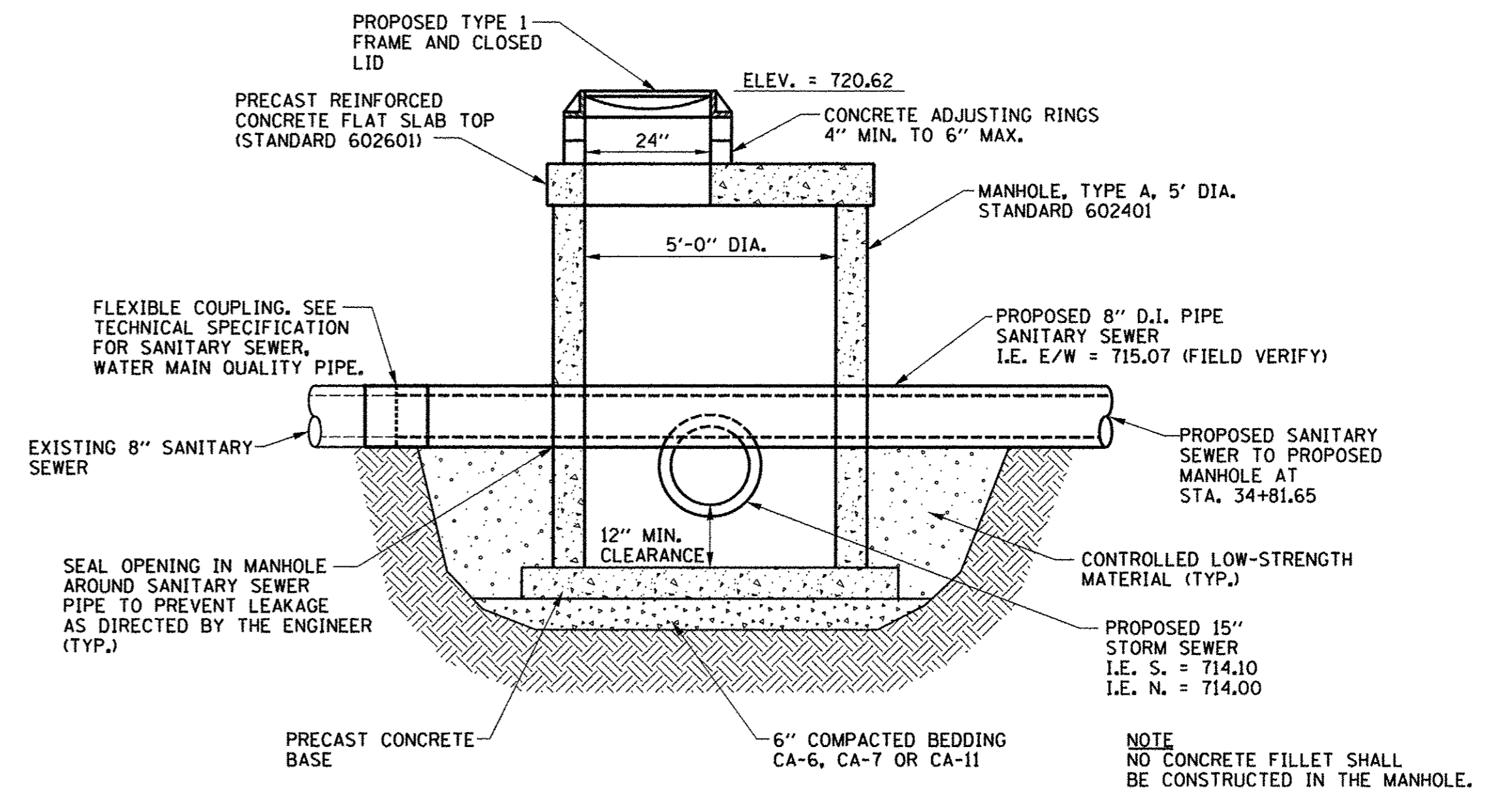
- NOTES:**
1. THE CONCRETE SADDLE SUPPORT SHALL BE CONSTRUCTED PRIOR TO INSTALLING THE STORM SEWER PIPE ABOVE TO PREVENT DAMAGE OF COLLAPSING THE UTILITY.
 2. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS AND THE METHOD OF PAYMENT.

**CONCRETE SADDLE SUPPORT
LOCATION: SEE PLANS**



CONFLICT MANHOLES

CONFLICT MANHOLE **184** STA. 23+02.42 RT.



CONFLICT MANHOLE, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID

CONFLICT MANHOLE **248** STA. 34+69.50 C

FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-rdwy-details.dgn	DESIGNED - J.A.J.	REVISED -
PLOT DATE = 3/23/2016 4:58:07 PM	DRAWN - D.L.M.	REVISED -
	CHECKED - S.M.W.	REVISED -
	DATE - MARCH 2016	REVISED -

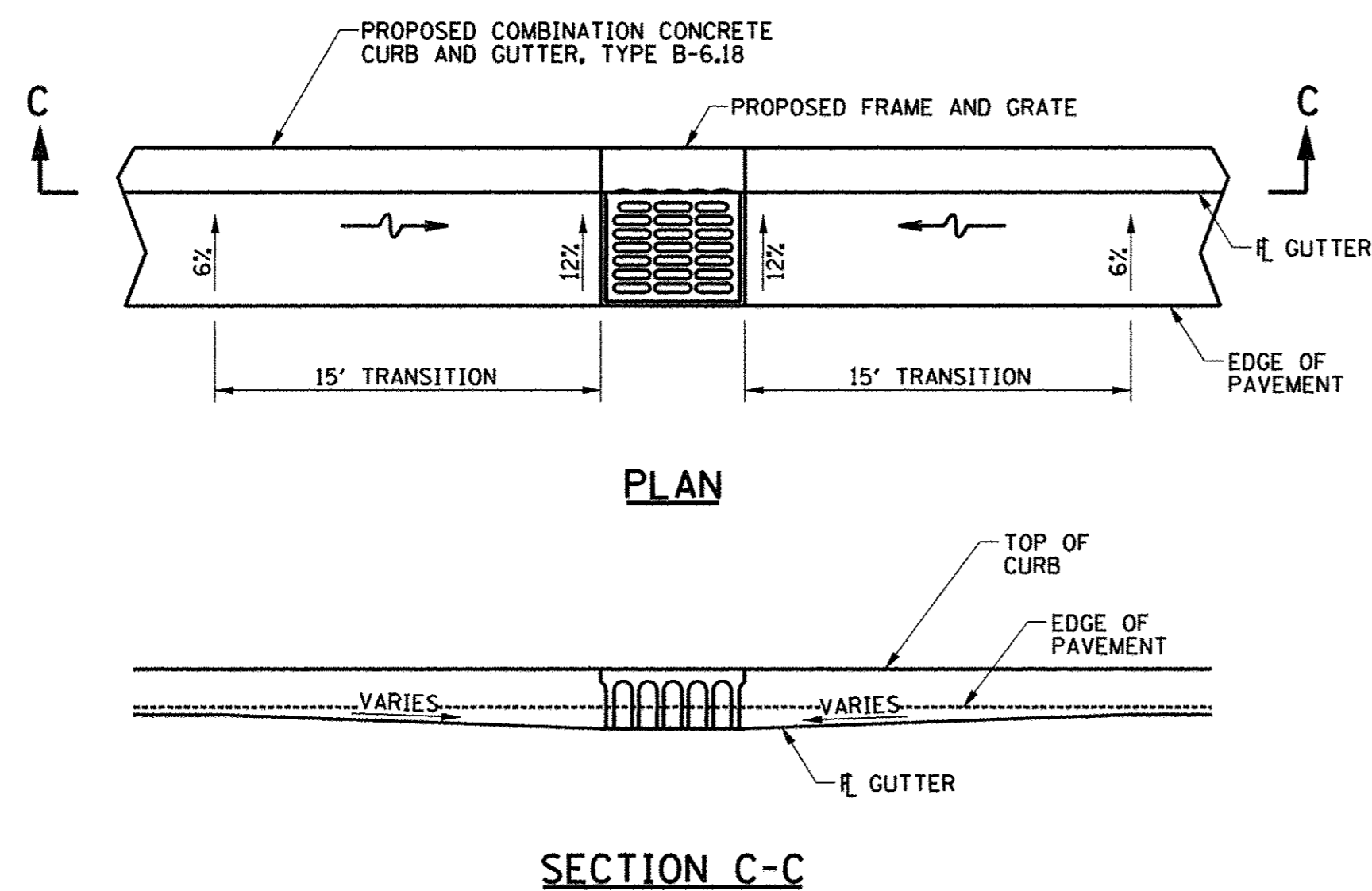
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE : NONE		SHEET NO. 337 OF 412 SHEETS	STA. TO STA.
--------------	--	-----------------------------	--------------

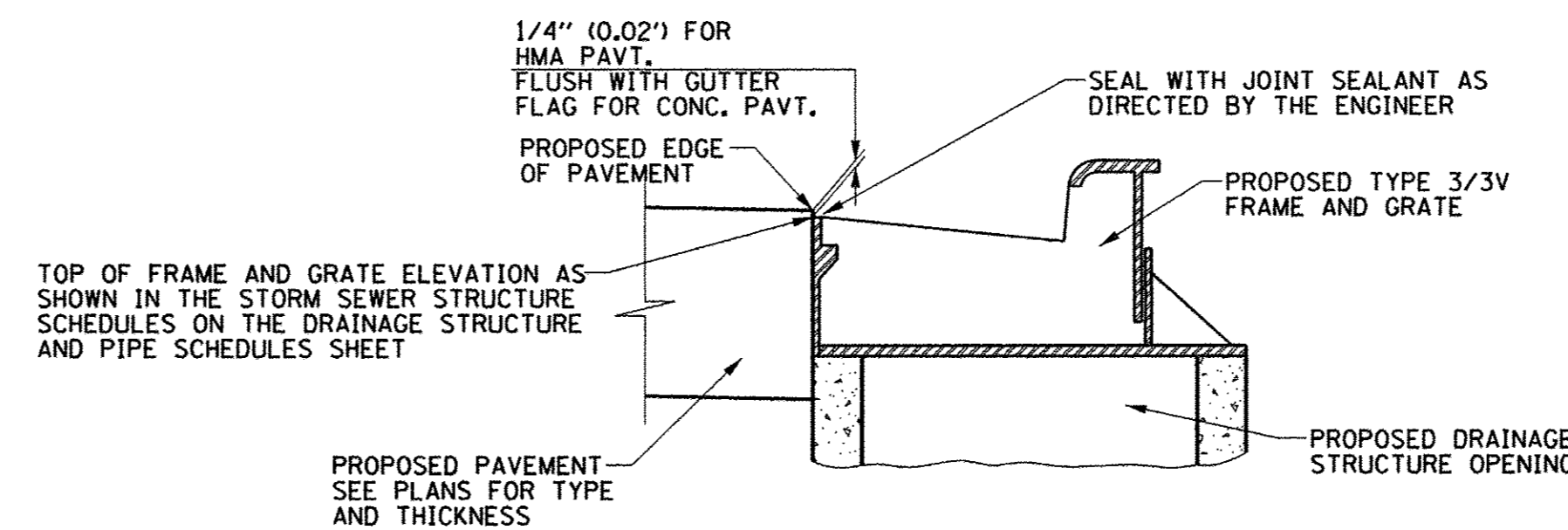
MISCELLANEOUS DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	337
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(05B)				



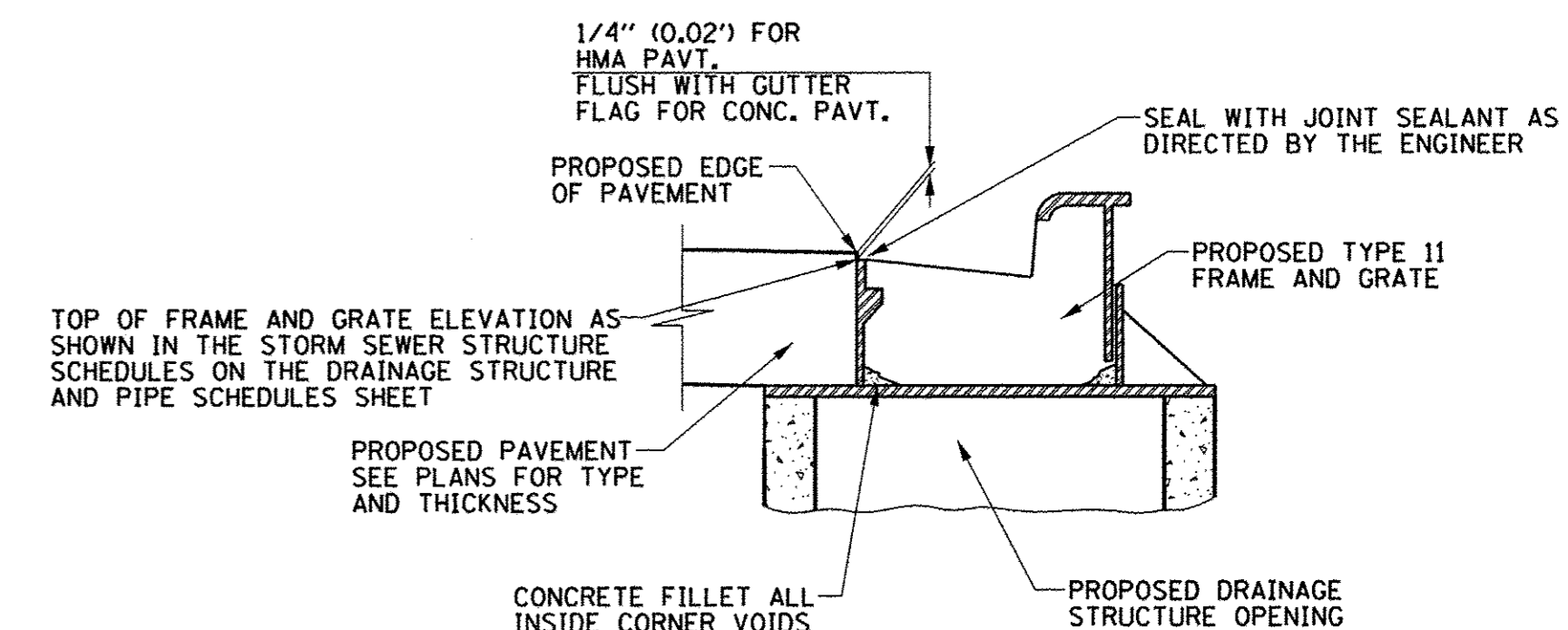
- NOTES:**
1. THE COST OF CONSTRUCTING THE CURB AND GUTTER TRANSITIONS AS SHOWN SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TYPE B-6.18 CURB AND GUTTER TRANSITION
LOCATION: SEE PLANS



- NOTES:**
1. SEE THE STORM SEWER STRUCTURE SCHEDULES ON THE DRAINAGE STRUCTURE AND PIPE SCHEDULE SHEETS FOR THE TYPE, LOCATION, AND ELEVATION OF THE FRAMES AND GRATES.
 2. THIS DETAIL IS APPLICABLE FOR PROPOSED FRAMES AND GRATES PLACED WITHIN COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.
 3. THE TOP-OF-FRAME ELEVATIONS SHOWN IN THE STORM SEWER STRUCTURE SCHEDULES ARE THE SAME AS THE ADJACENT EDGE OF PAVEMENT ELEVATIONS FOR P.C. CONCRETE PAVEMENTS AND 0.02' LOWER THAN THE ADJACENT EDGE OF PAVEMENT ELEVATIONS FOR HOT-MIX ASPHALT PAVEMENTS.

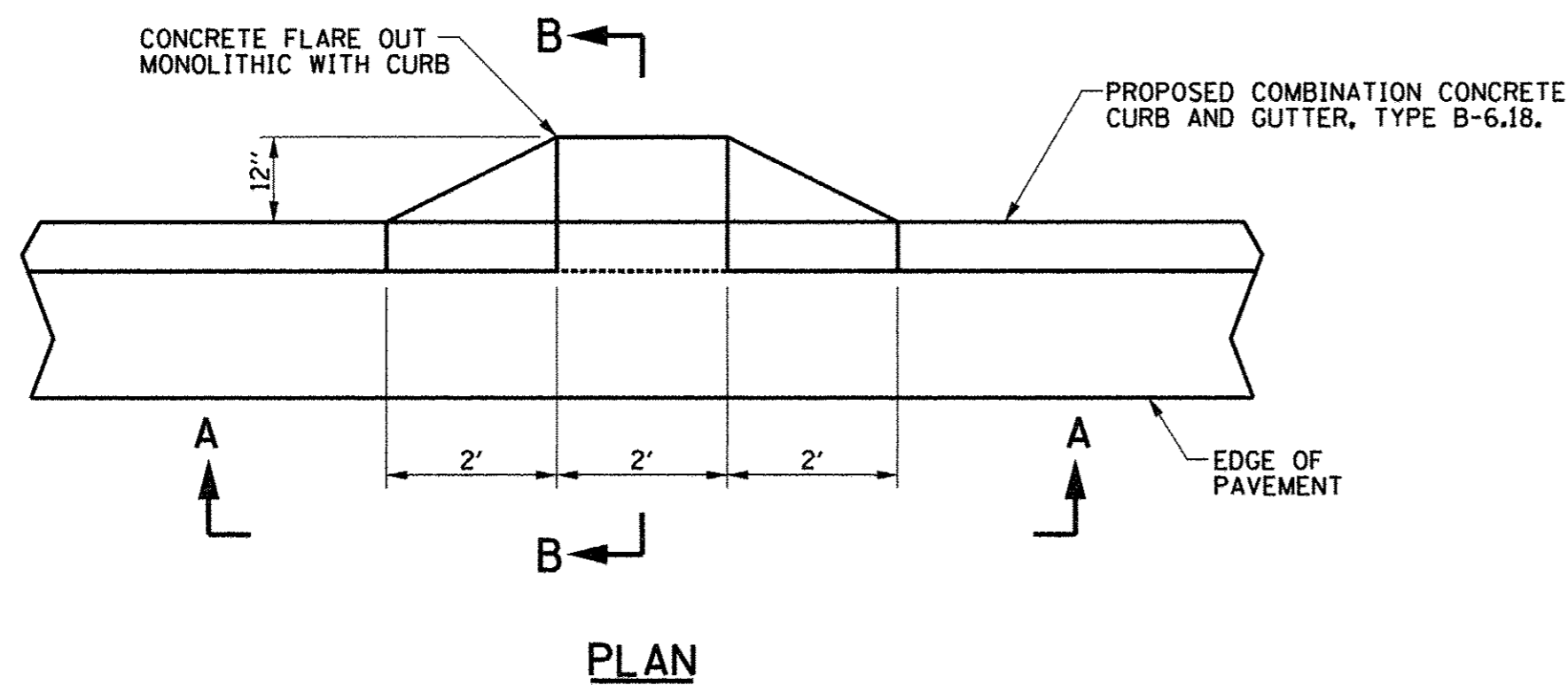
TYPE 3/3V FRAME & GRATE



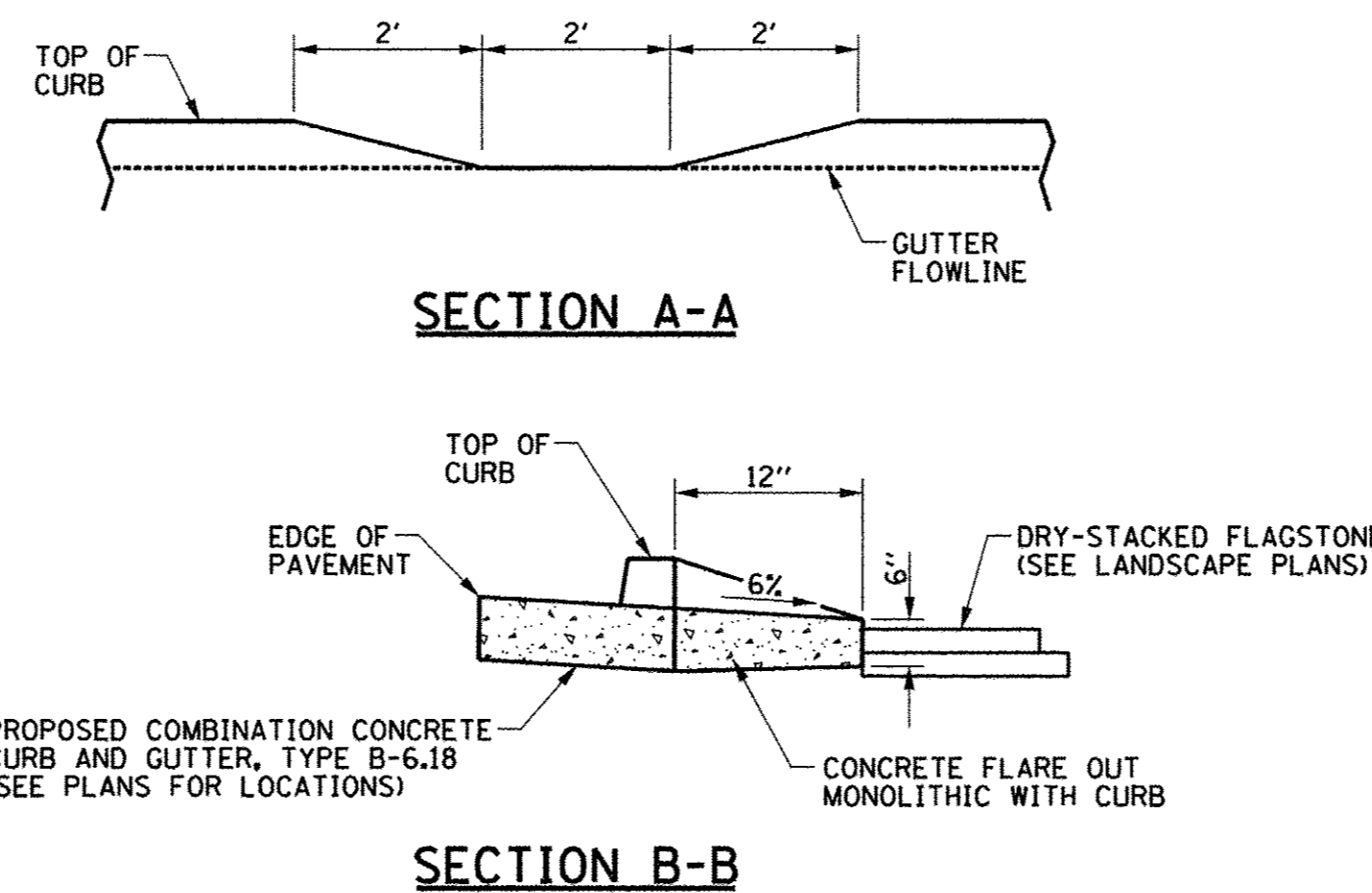
- NOTES:**
1. SEE THE STORM SEWER STRUCTURE SCHEDULES ON THE DRAINAGE STRUCTURE AND PIPE SCHEDULE SHEETS FOR THE TYPE, LOCATION, AND ELEVATION OF THE FRAMES AND GRATES.
 2. THIS DETAIL IS APPLICABLE FOR PROPOSED FRAMES AND GRATES PLACED WITHIN COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.
 3. THE TOP-OF-FRAME ELEVATIONS SHOWN IN THE STORM SEWER STRUCTURE SCHEDULES ARE THE SAME AS THE ADJACENT EDGE OF PAVEMENT ELEVATIONS FOR P.C. CONCRETE PAVEMENTS AND 0.02' LOWER THAN THE ADJACENT EDGE OF PAVEMENT ELEVATIONS FOR HOT-MIX ASPHALT PAVEMENTS.

TYPE 11 FRAME & GRATE

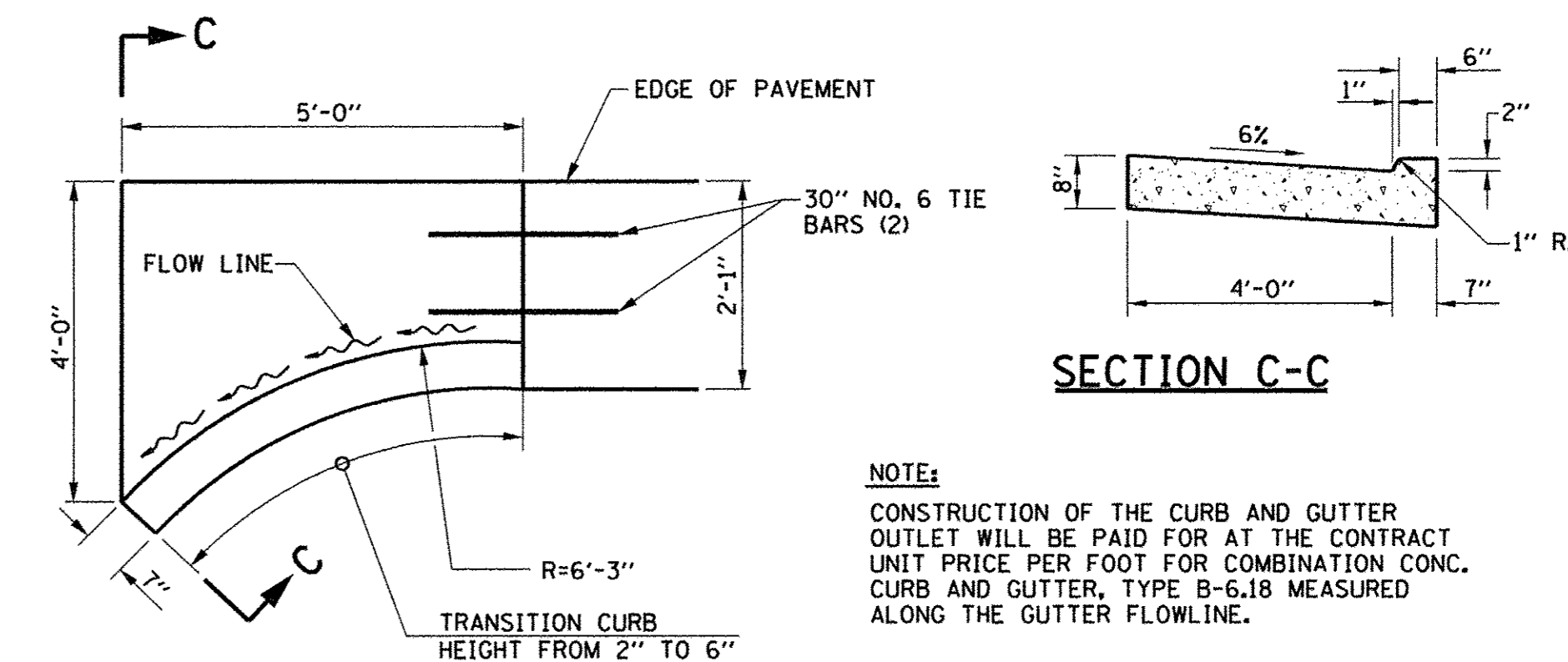
DRAINAGE STRUCTURE FRAMES AND GRATES



TYPE B-6.18 CURB AND GUTTER FLARE OUT
LOCATION: THIRD ST. BIOSWALE



- NOTES:**
1. THE COST OF CONSTRUCTING THE CONCRETE FLARE OUTS AS SHOWN SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



- NOTE:**
- CONSTRUCTION OF THE CURB AND GUTTER OUTLET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONC. CURB AND GUTTER, TYPE B-6.18 MEASURED ALONG THE GUTTER FLOWLINE.

CURB & GUTTER OUTLET DETAIL



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-rdwy-detail1.s.dgn
PLOT DATE = 3/23/2016 4:58:08 PM

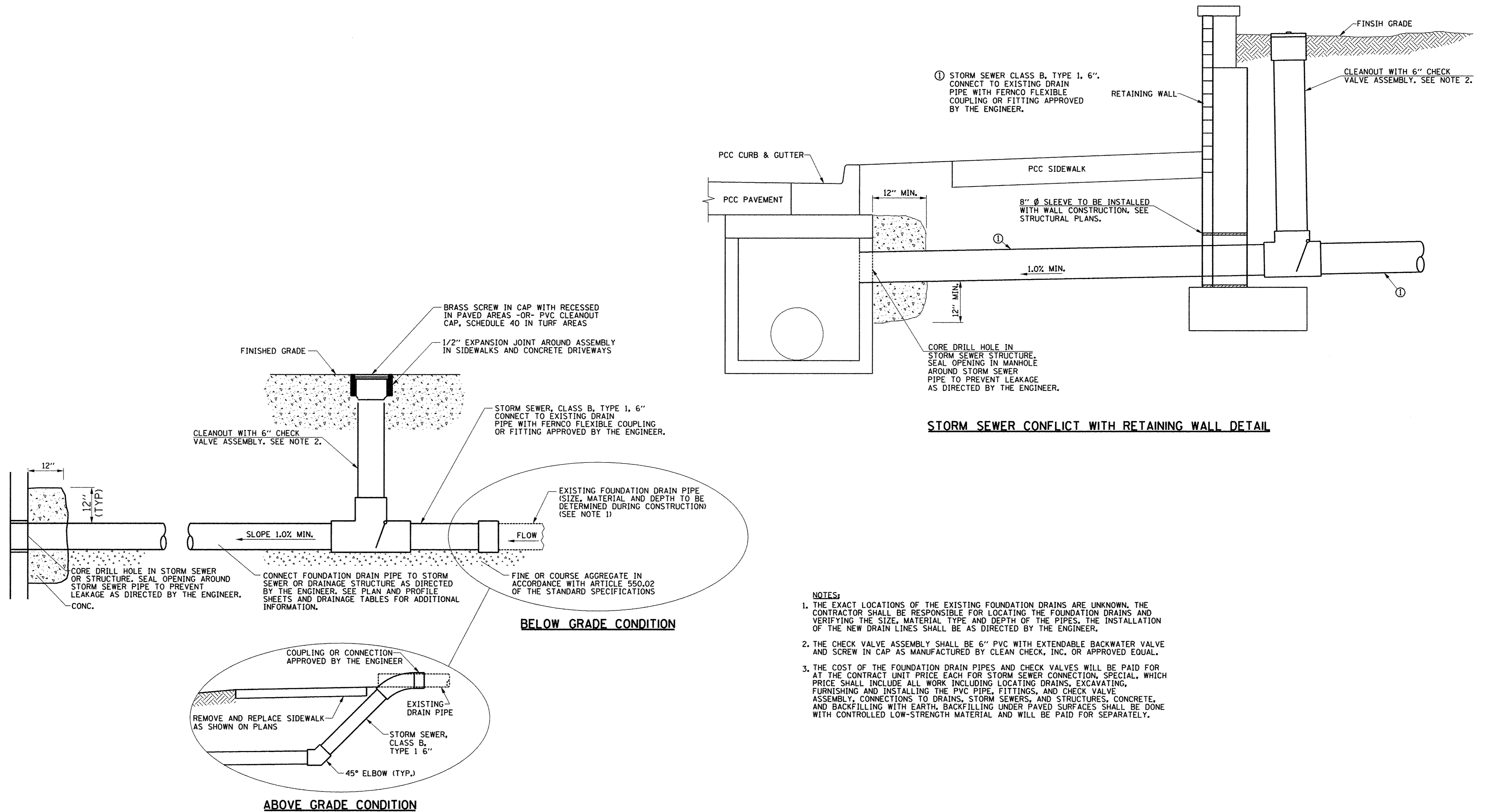
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 338 OF 412 SHEETS STA. TO STA.

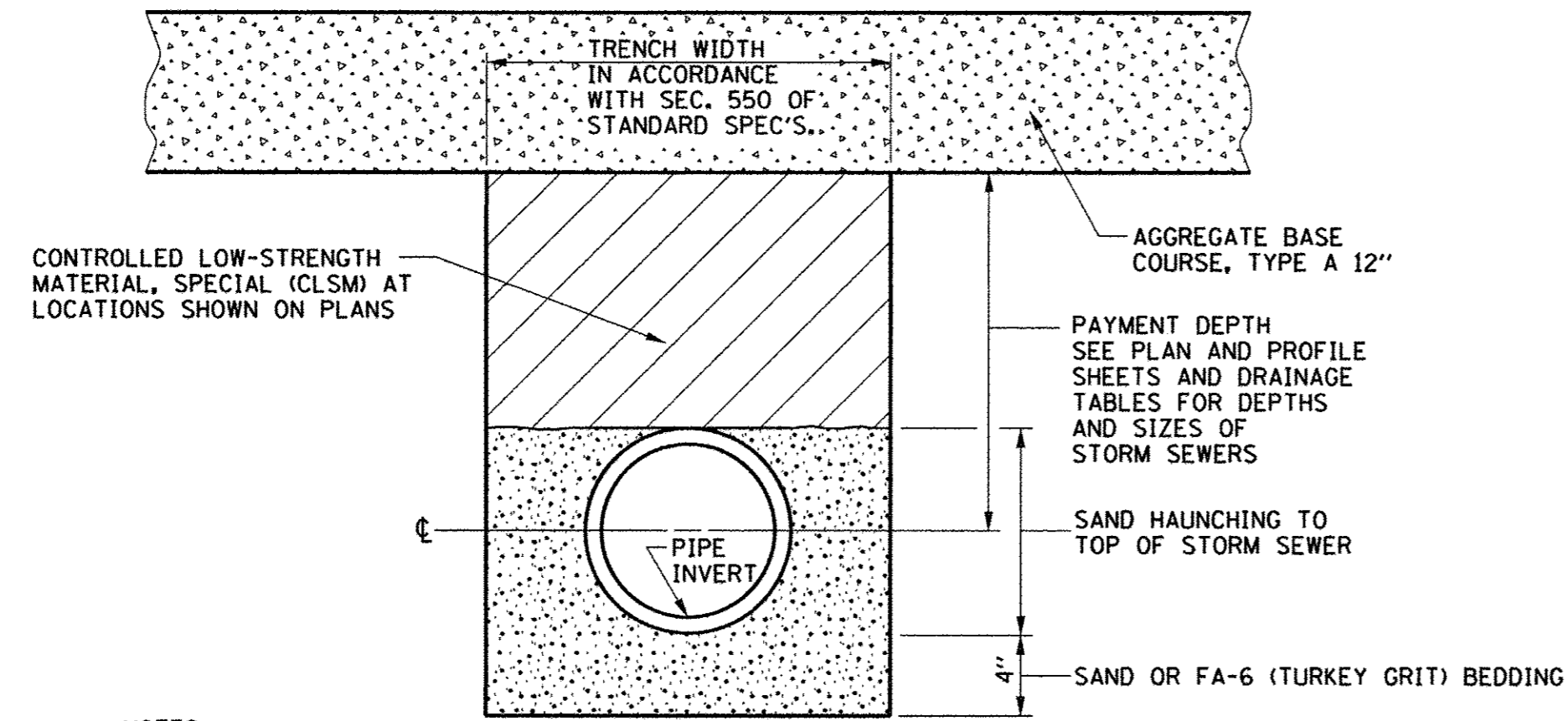
F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	338
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810589				



- NOTES:**
1. THE EXACT LOCATIONS OF THE EXISTING FOUNDATION DRAINS ARE UNKNOWN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE FOUNDATION DRAINS AND VERIFYING THE SIZE, MATERIAL TYPE AND DEPTH OF THE PIPES, THE INSTALLATION OF THE NEW DRAIN LINES SHALL BE AS DIRECTED BY THE ENGINEER.
 2. THE CHECK VALVE ASSEMBLY SHALL BE 6" PVC WITH EXTENDABLE BACKWATER VALVE AND SCREW IN CAP AS MANUFACTURED BY CLEAN CHECK, INC. OR APPROVED EQUAL.
 3. THE COST OF THE FOUNDATION DRAIN PIPES AND CHECK VALVES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER CONNECTION, SPECIAL, WHICH PRICE SHALL INCLUDE ALL WORK INCLUDING LOCATING DRAINS, EXCAVATING, FURNISHING AND INSTALLING THE PVC PIPE, FITTINGS, AND CHECK VALVE ASSEMBLY, CONNECTIONS TO DRAINS, STORM SEWERS, AND STRUCTURES, CONCRETE, AND BACKFILLING WITH EARTH, BACKFILLING UNDER PAVED SURFACES SHALL BE DONE WITH CONTROLLED LOW-STRENGTH MATERIAL AND WILL BE PAID FOR SEPARATELY.

STORM SEWER CONNECTION, SPECIAL

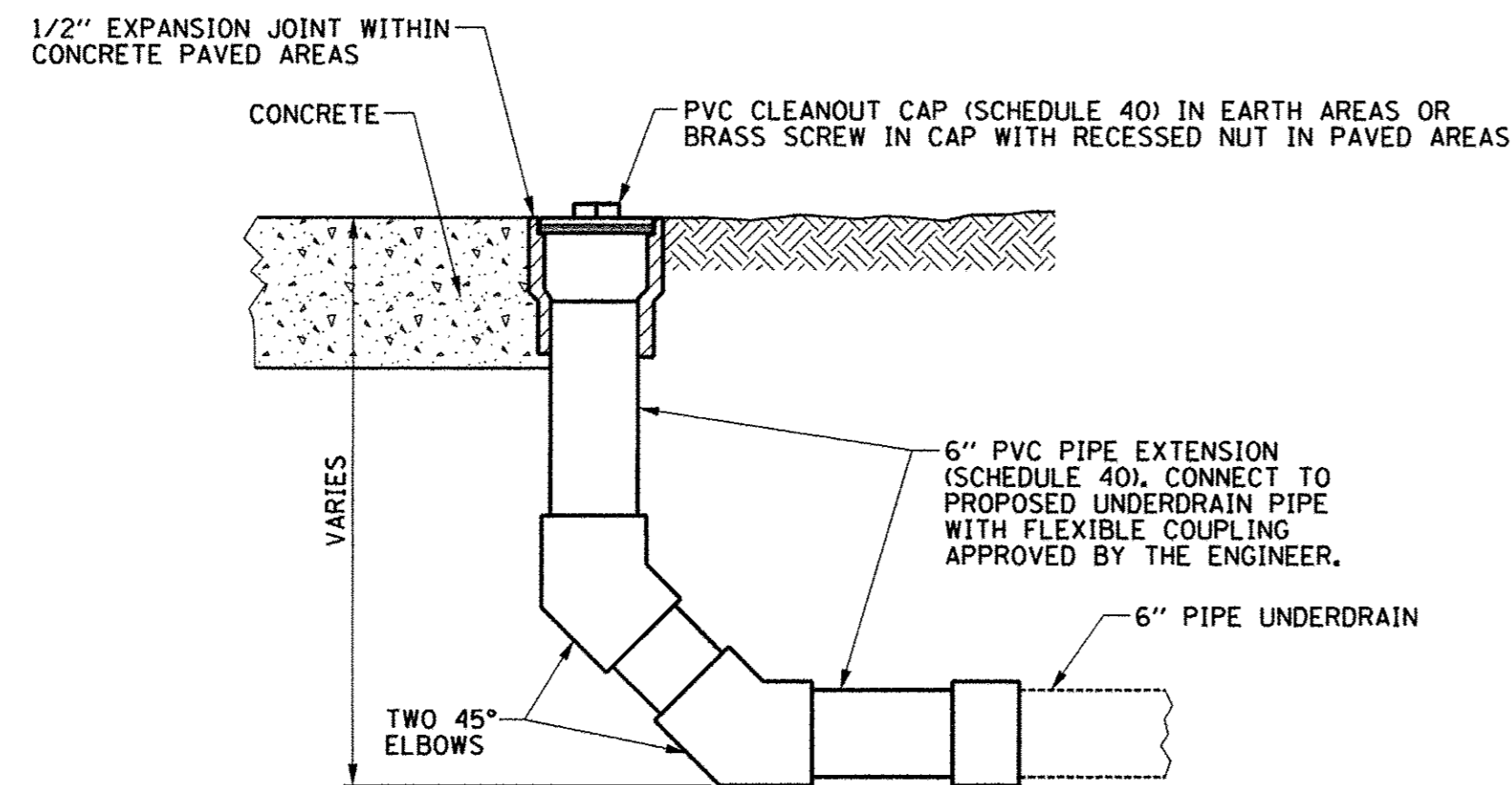
FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-rdwy-detail1s.dgn	DESIGNED - J.A.J.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - D.L.M.	REVISED -				7126	15-00304-02-PV	CHAMPAIGN	412	339	
PLOT DATE = 3/23/2016 4:58:09 PM	CHECKED - S.M.W.	REVISED -	SCALE : NONE	SHEET NO. 339 OF 412 SHEETS	STA. TO STA.	MCORE PROJECT 2 & 3		CONTRACT NO. 91540		JOB NO. C-95-306-16	ILLINOIS FED. AID PROJECT T1G-5181(05B)
	DATE - MARCH 2016	REVISED -									



NOTES:

1. THE CLSM SHALL BE PLACED IN LIFTS AS DESCRIBED IN SECTION 593 OF THE STANDARD SPECIFICATIONS.
2. THE APPLICABLE ARTICLES OF SECTION 550 OF THE STANDARD SPECIFICATIONS SHALL APPLY FOR EXCAVATION, BEDDING AND INSTALLATION OF STORM SEWERS.
3. THE SAND OR FA-6 BEDDING AND HAUNCHING BELOW THE CENTERLINE OF THE PIPE SHALL BE INCLUDED IN THE COST OF THE PIPE MATERIAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. THE CLSM WILL BE PAID FOR IN ACCORDANCE WITH SECTION 593 OF THE STANDARD SPECIFICATIONS FOR CLSM AND INCLUDES PAYMENT FOR THE SAND MATERIAL FROM THE CENTERLINE OF THE PIPE TO THE TOP OF THE PIPE AS SHOWN ON THE DETAIL. THE QUANTITIES SHOWN ON THE PLANS ARE BASED ON A DEPTH MEASURED FROM THE CENTERLINE OF THE PIPE TO THE BOTTOM LIMITS OF THE AGGREGATE BASE COURSE.

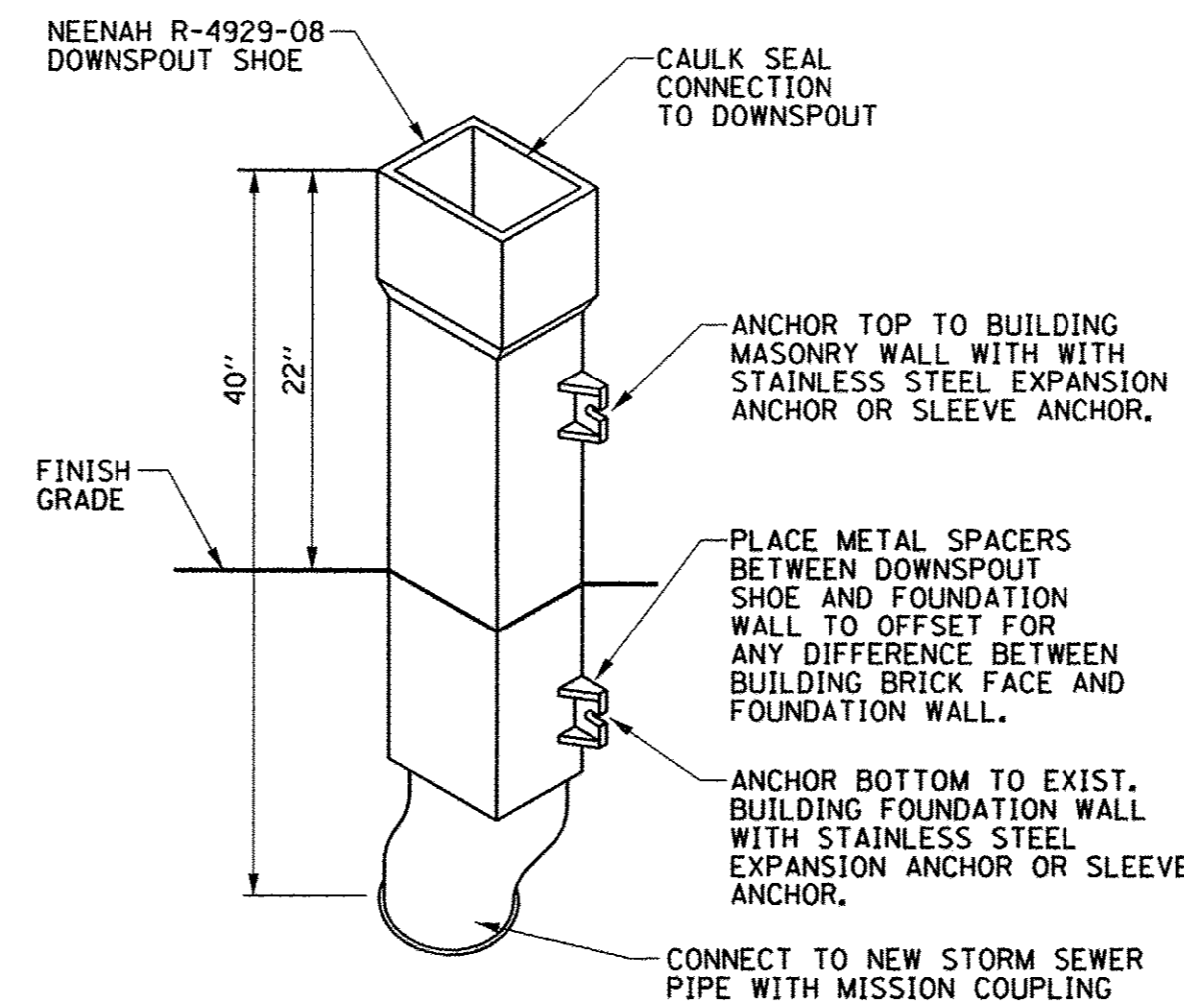
CONTROLLED LOW-STRENGTH MATERIAL, SPECIAL



NOTES:

1. THE COST OF CONSTRUCTING THE PIPE UNDERDRAIN CLEANOUTS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE PIPE UNDERDRAINS 6" (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PIPE UNDERDRAIN CLEANOUT



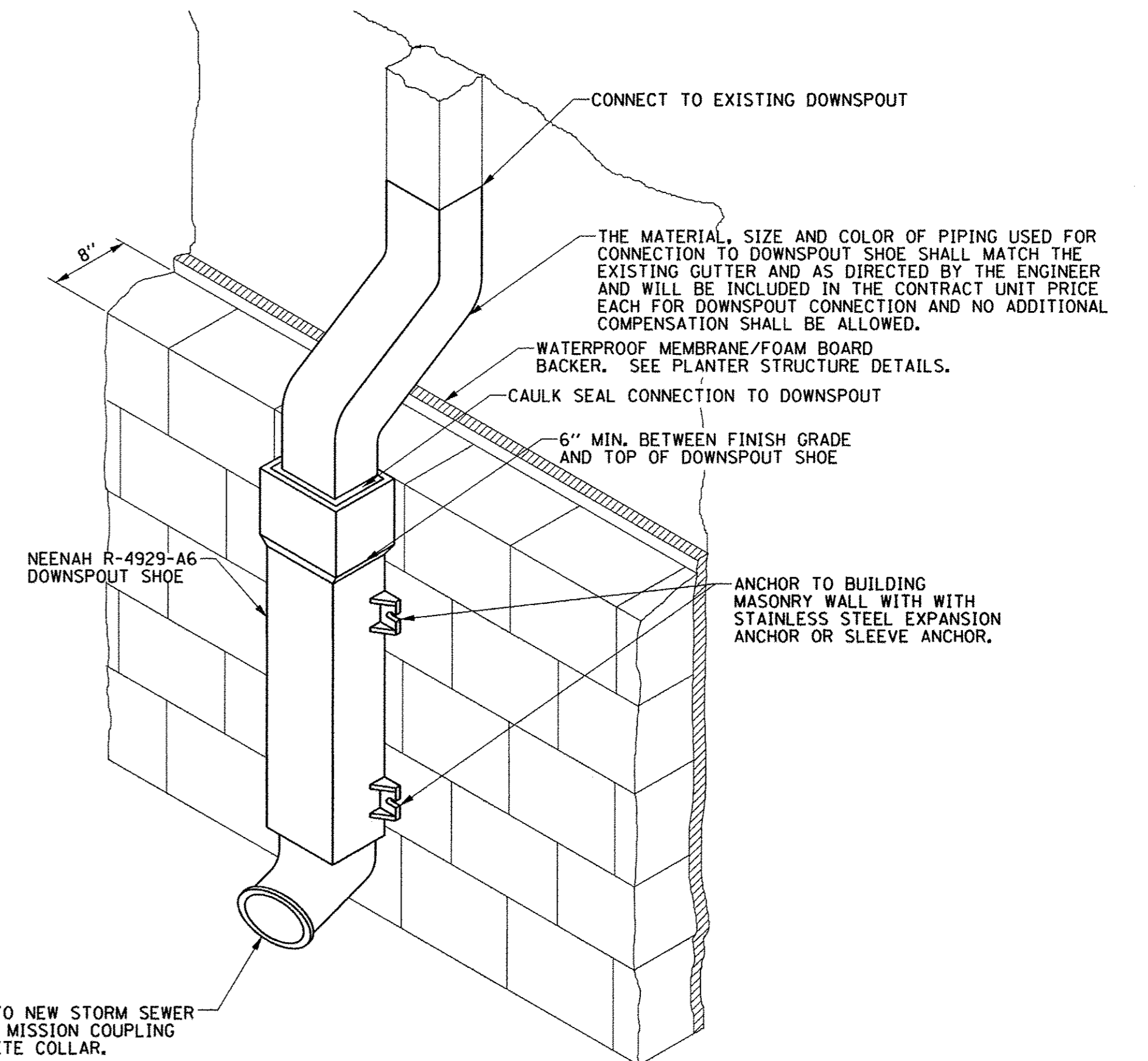
NEENAH R-4929-08 DETAIL

277 102+97.50, 42.60' RT.

NOTES:

1. THE CAST IRON DOWNSPOUT SHOE SHALL BE POWDER COATED TO MATCH THE EXISTING DOWNSPOUT COLOR AS APPROVED BY THE ENGINEER. FURNISHING, POWDER COATING, AND INSTALLING THE DOWNSPOUT SHOE AS DETAILED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DOWNSPOUT CONNECTION.

DOWNSPOUT CONNECTION



NEENAH R-4929-A6 DETAIL

119c 14+79.9, RT. & 119d 15+29.2 RT.



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-rdwy-details.dgn
 PLOT DATE = 3/29/2016 4:58:10 PM

DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

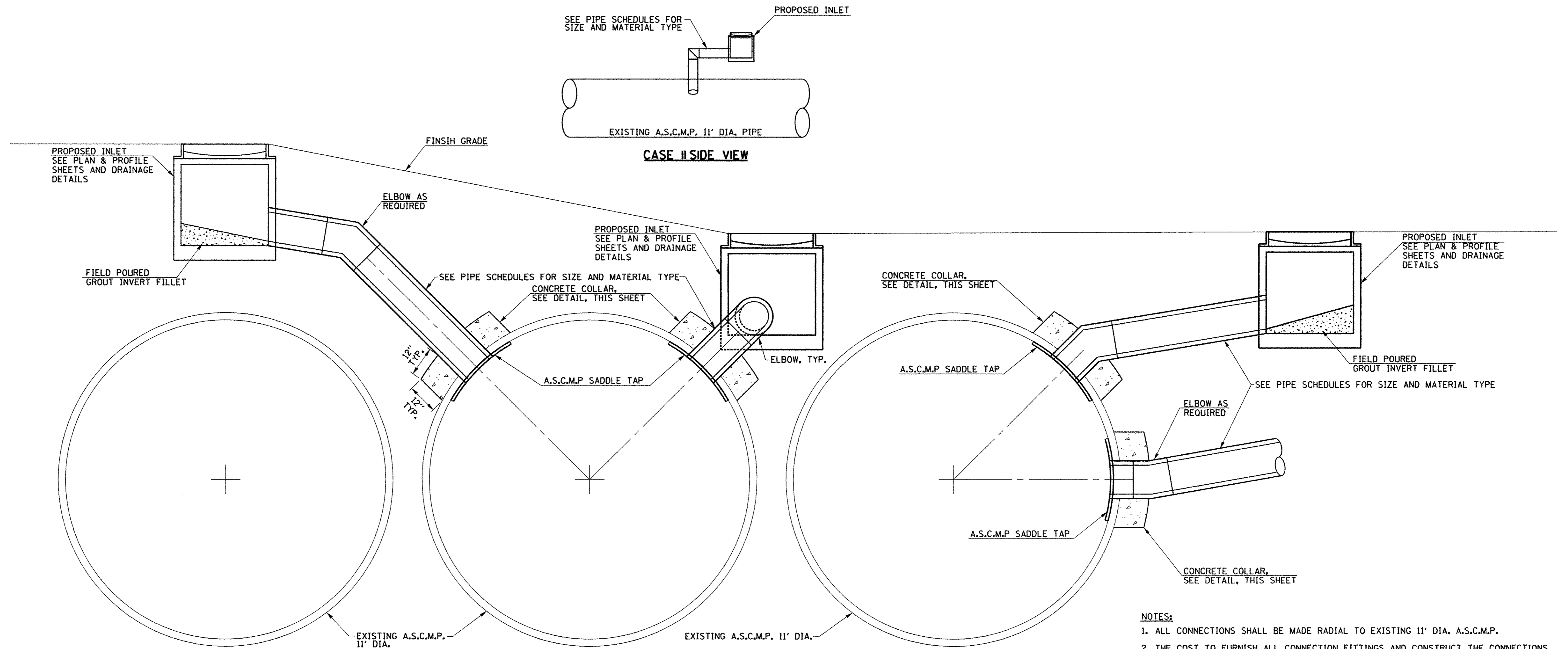
SCALE : NONE SHEET NO. 340 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	340
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810589				

CASE I, INLET/CONNECTION ABOVE PIPE

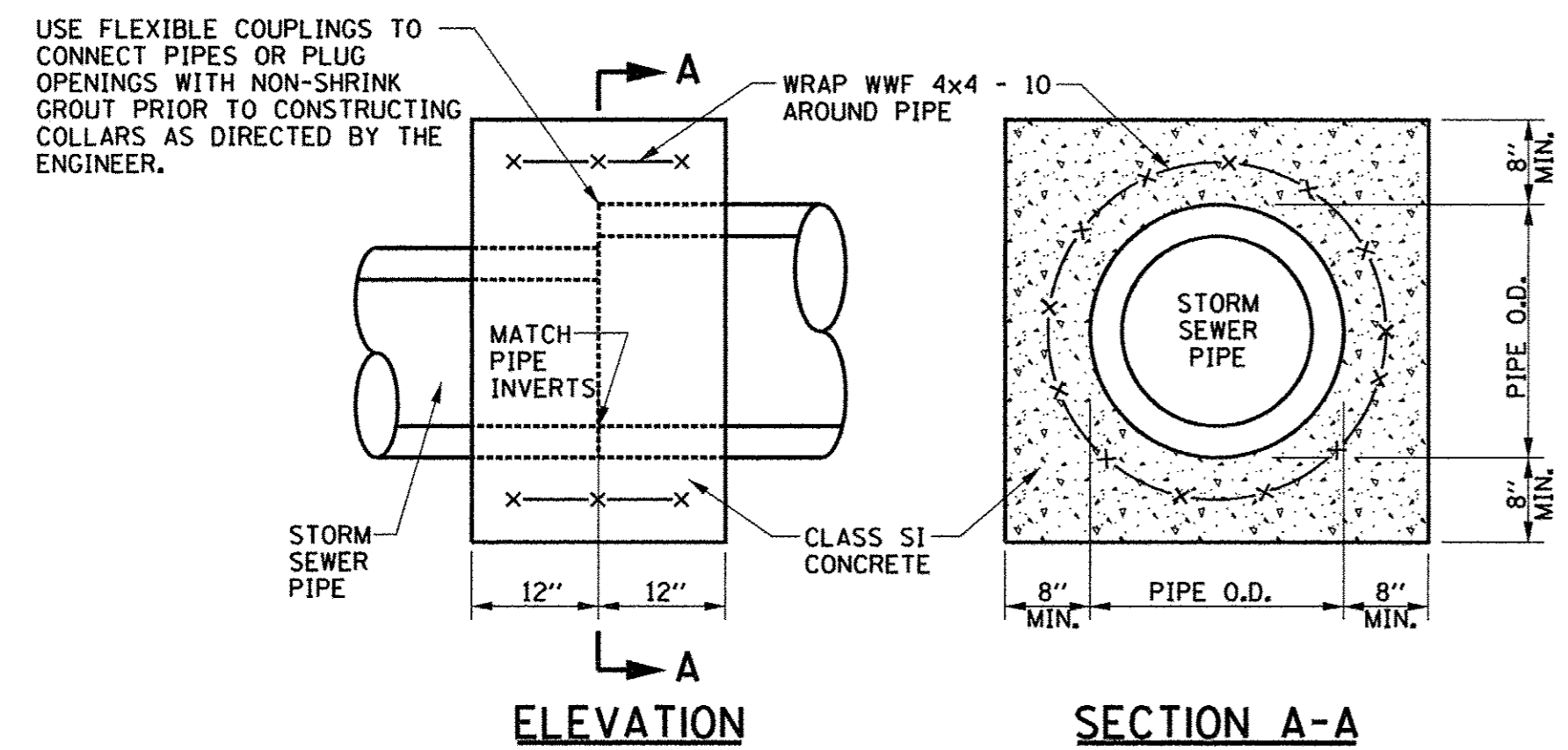
CASE II, INLET BETWEEN PIPES

CASE III, INLET/CONNECTION ADJACENT TO PIPE



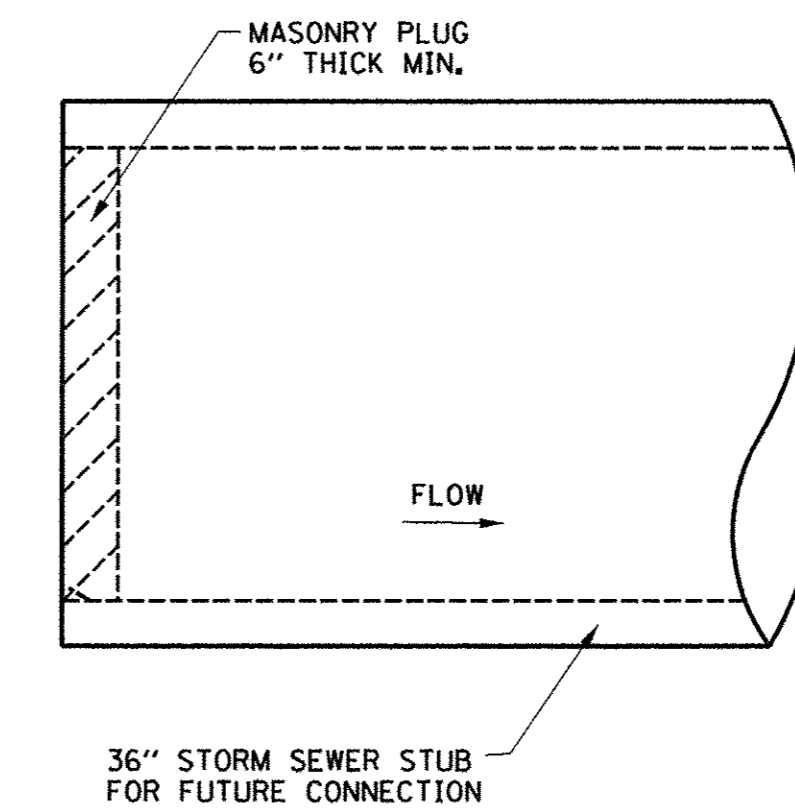
EXISTING 11' DIAMETER A.S.C.M.P. CONNECTION DETAILS

- NOTES:**
1. ALL CONNECTIONS SHALL BE MADE RADIAL TO EXISTING 11' DIA. A.S.C.M.P.
 2. THE COST TO FURNISH ALL CONNECTION FITTINGS AND CONSTRUCT THE CONNECTIONS TO THE EXISTING 11' DIA. A.S.C.M.P. WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONCRETE COLLAR, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 3. THE STORM SEWER PIPE WILL BE PAID FOR AT THE AT THE CONTRACT UNIT PRICE PER FOOT FOR THE APPROPRIATE SIZE AND CLASS. BACKFILLING UNDER PAVED SURFACES SHALL BE DONE WITH CONTROLLED LOW-STRENGTH MATERIAL AND WILL BE PAID FOR SEPARATELY.



- NOTES:**
1. THE CONCRETE COLLARS SHALL BE UTILIZED WHERE CONNECTING STORM SEWERS OF DIFFERENT TYPES OR DIAMETERS OR AS DIRECTED BY THE ENGINEER. THE COST OF CONSTRUCTING THE CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR CONCRETE COLLAR.

CONCRETE COLLAR



- NOTE:**
THE COST OF CONSTRUCTING THE SEWER PLUG WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR TEMPORARY STORM SEWER PLUGS, WHICH PRICE SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS.

TEMPORARY STORM SEWER PLUG

161d 36" SS STUB ON LOCUST STREET, STA. 94+40.00 RT.



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\12-sht-rdwy-details.dgn
PLOT DATE = 3/28/2016 4:58:11 PM

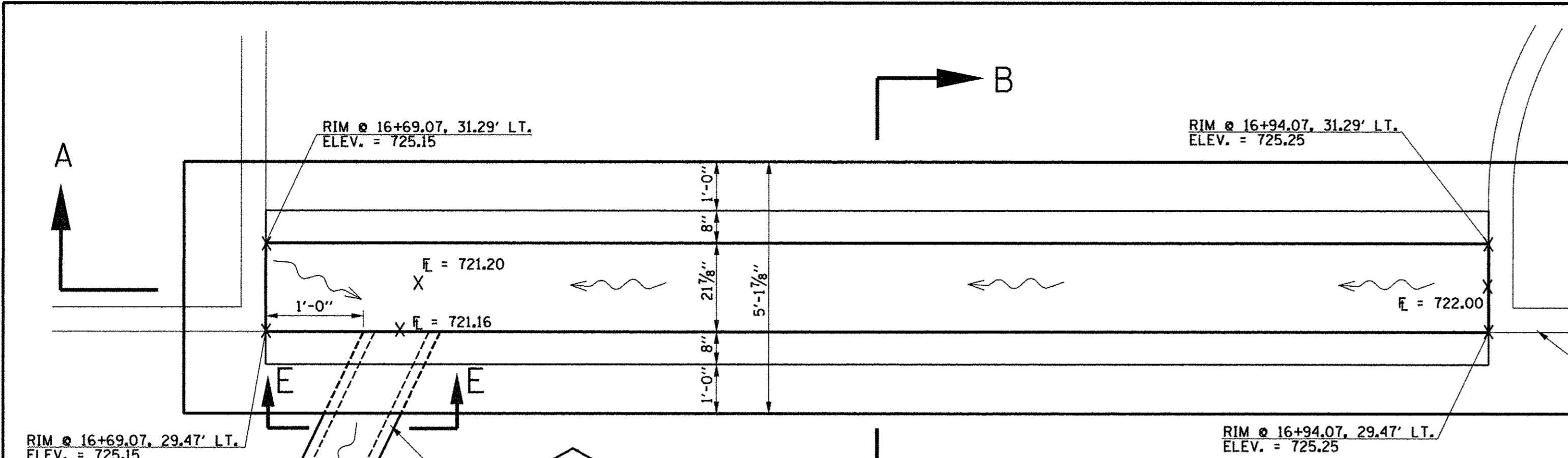
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

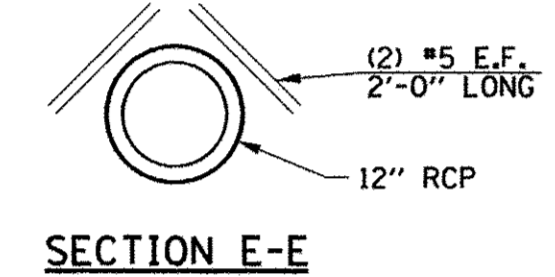
SCALE : NONE SHEET NO. 341 OF 412 SHEETS STA. TO STA.

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 341
MCORE PROJECT 2 & 3		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-518105B				



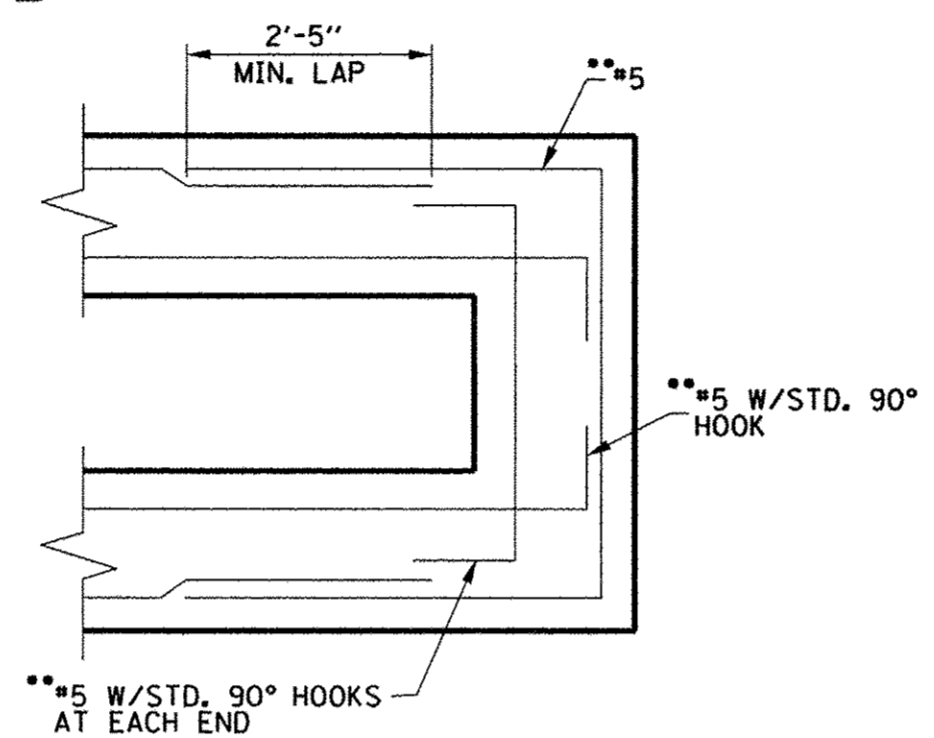
RIM @ 16+69.07, 29.47' LT., ELEV. = 725.15

12" RCP TO **125** CUT TO FIT INSIDE WALL. MATCH E OF PIPE WITH E OF STRUCTURE.



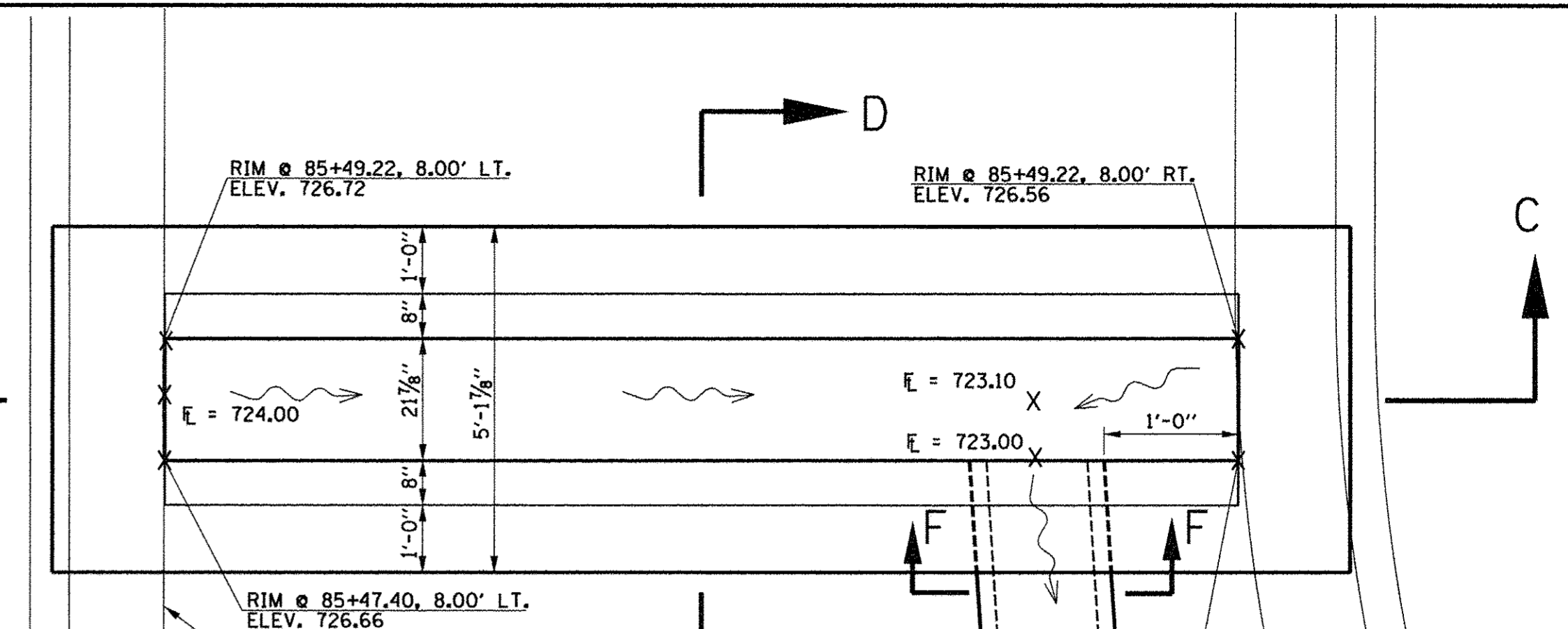
SECTION E-E

PLAN VIEW



TYPICAL HORIZONTAL REINFORCEMENT
STRUCTURES **126** AND **117**

- NOTES:
- SEE PLAN AND PROFILE SHEETS AND DRAINAGE STRUCTURE & PIPE SCHEDULES FOR THE LOCATIONS AND ELEVATIONS OF INLETS AND PIPES.
 - STRUCTURE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR TRENCH DRAIN. THE PRICE SHALL INCLUDE ALL WORK INCLUDING EXCAVATION, FINISHING ALL MATERIALS AND INSTALLING THE TRENCH DRAIN.
 - REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED. FIELD BENDING EPOXY COATED BARS ON THIS SHEET IS PERMISSIBLE.
 - MINIMUM CLEAR COVER FOR REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE.
- CUT TO FIT IN FIELD.
 - FAN HORIZONTAL REINFORCEMENT WITH MAXIMUM 10" SPACING AT CENTERS.

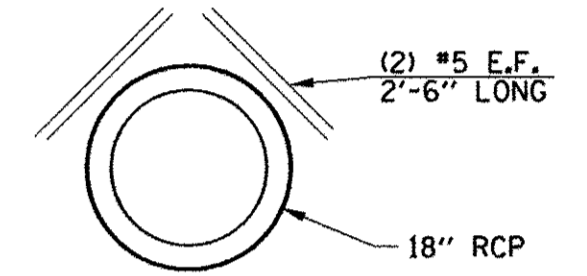


RIM @ 85+49.22, 8.00' RT., ELEV. 726.72

RIM @ 85+47.40, 8.00' RT., ELEV. 726.66

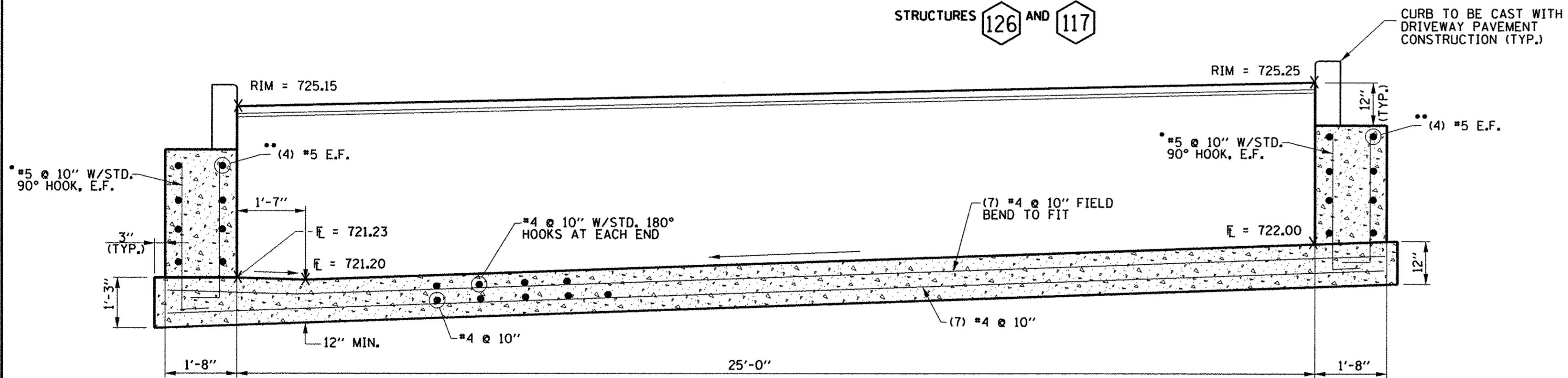
B-6.18 CC&G TO BE CAST WITH DRIVEWAY PAVEMENT CONSTRUCTION (TYP.)

18" RCP TO **116** CUT TO FIT INSIDE WALL. MATCH E OF PIPE WITH E OF STRUCTURE.

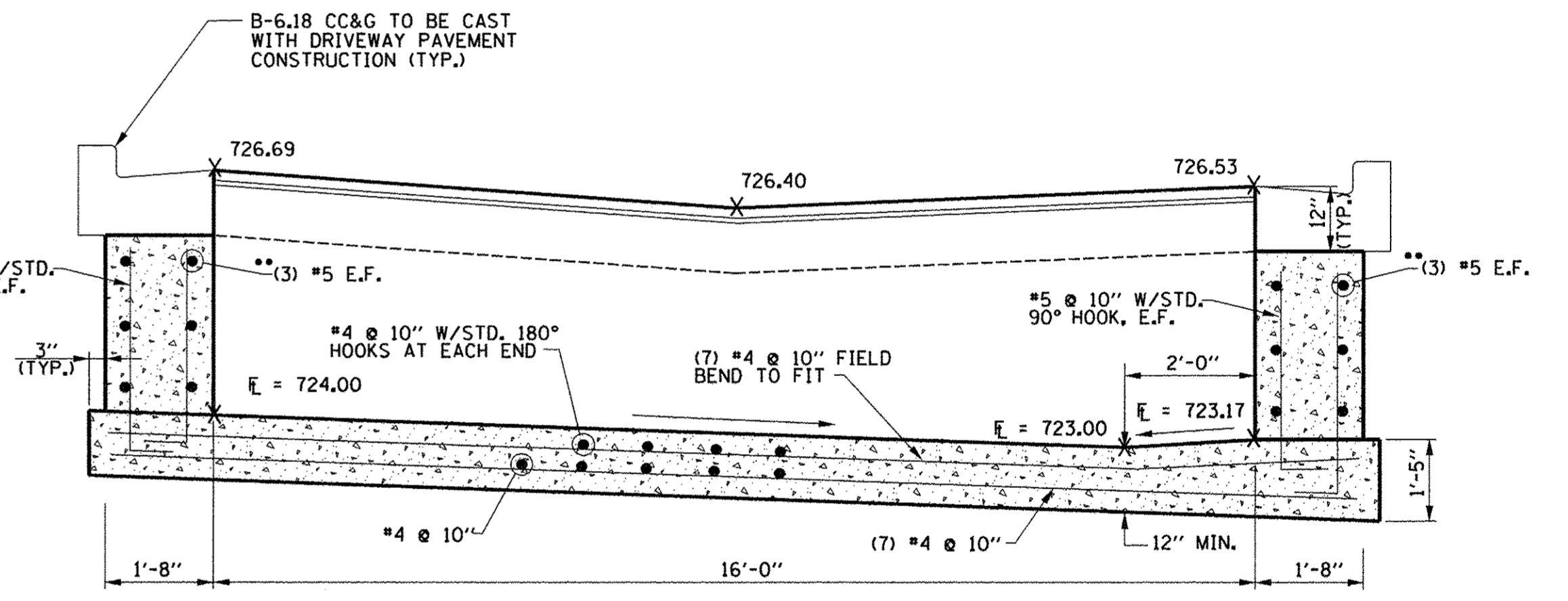


SECTION F-F

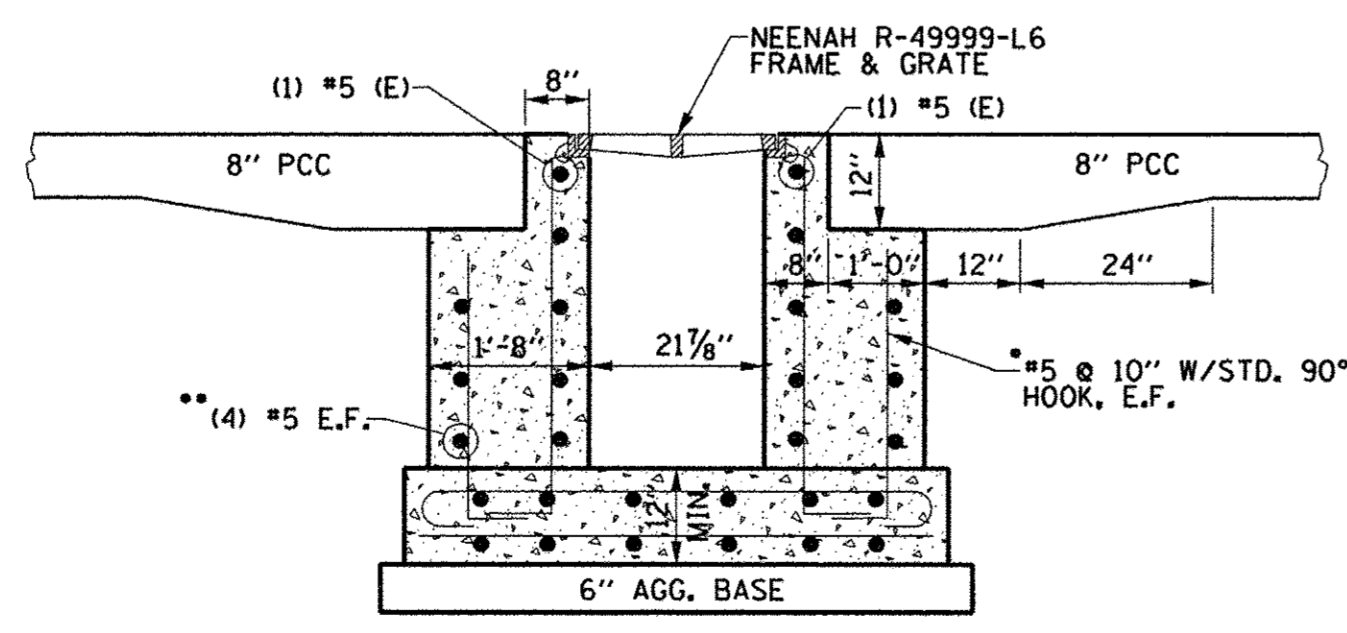
PLAN VIEW



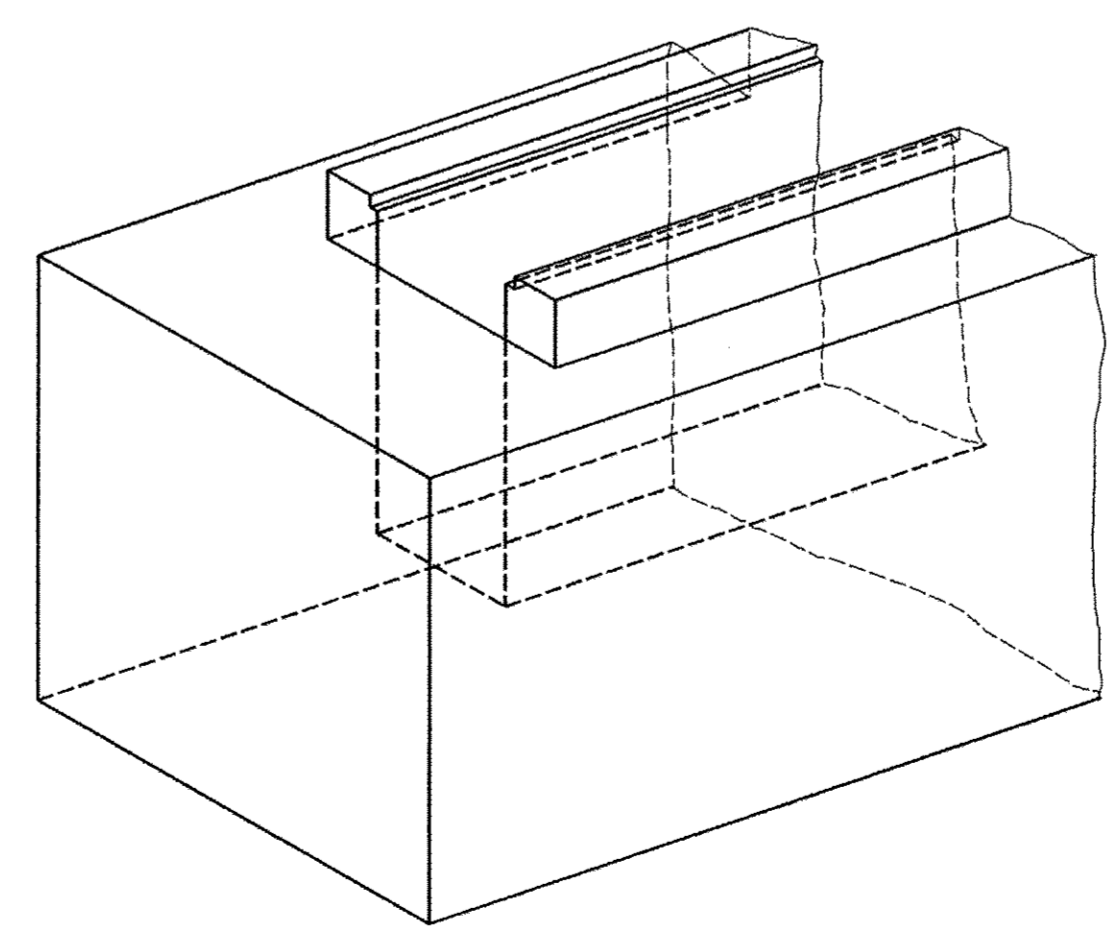
SECTION A-A



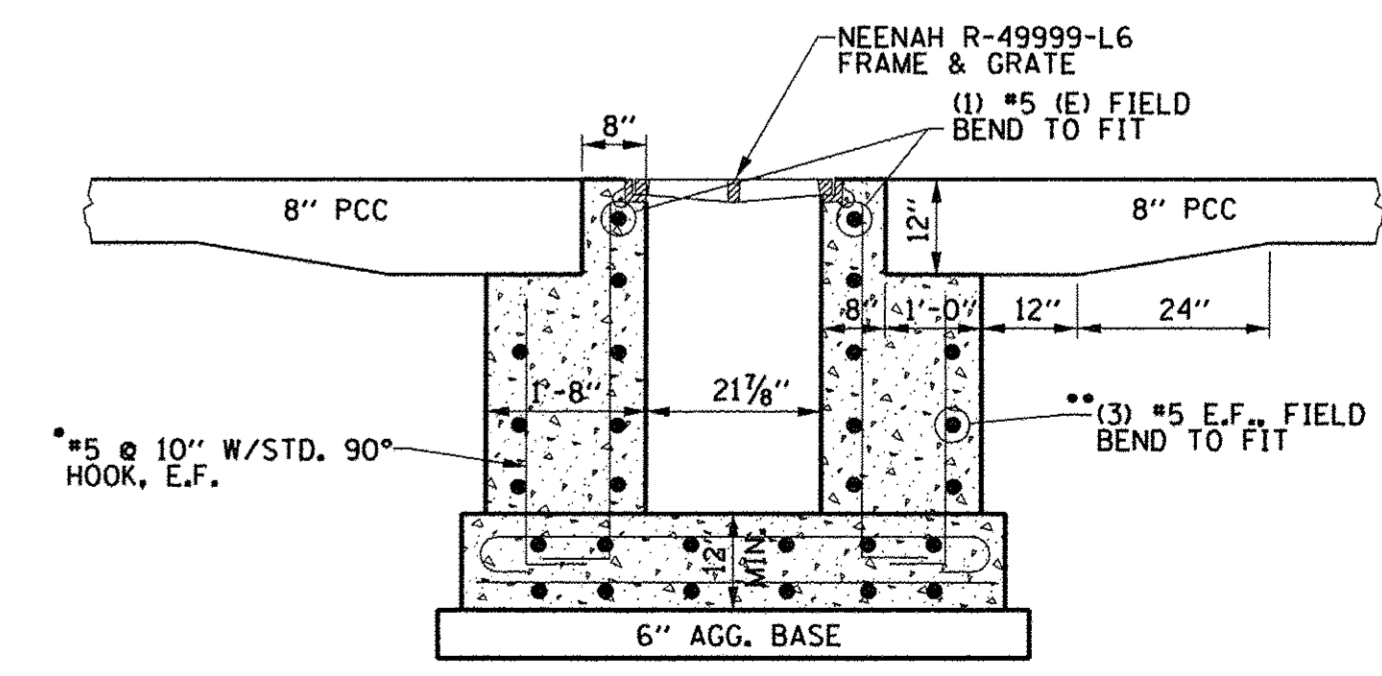
SECTION C-C



SECTION B-B



PARTIAL ISOMETRIC VIEW



SECTION D-D

TRENCH DRAIN **126**
STA. 16+81.60 LT.

TRENCH DRAIN **117**
CHESTNUT ST.

FILE NAME =	DESIGNED - J.A.J.	REVISED -
p:\c0010720_moore\plans\sheets\Project2\p2-sht-rdwy-details.dgn	DRAWN - D.L.M.	REVISED -
PLOT DATE =	CHECKED - S.M.W.	REVISED -
3/23/2016 4:58:12 PM	DATE - MARCH 2016	REVISED -

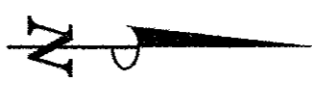
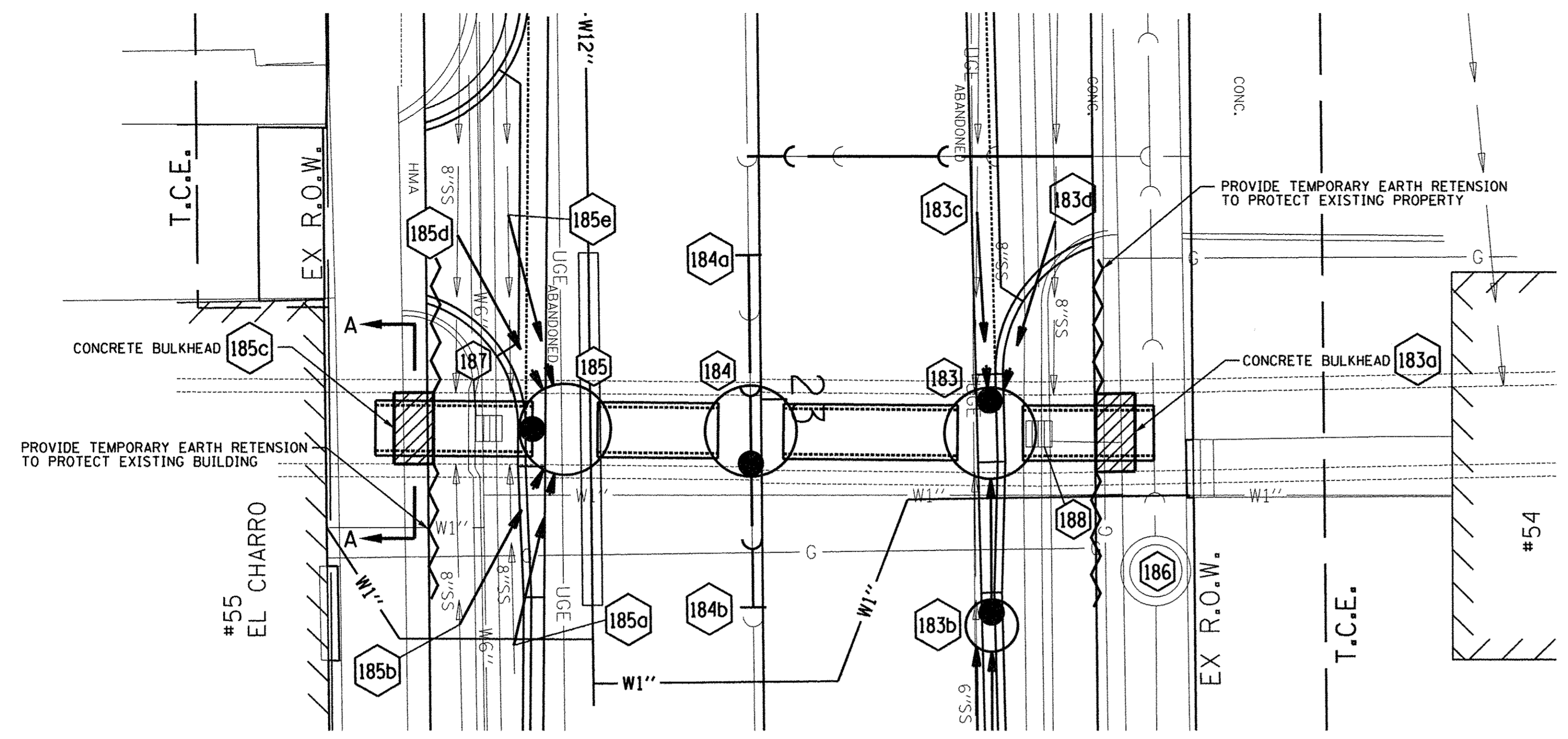
DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

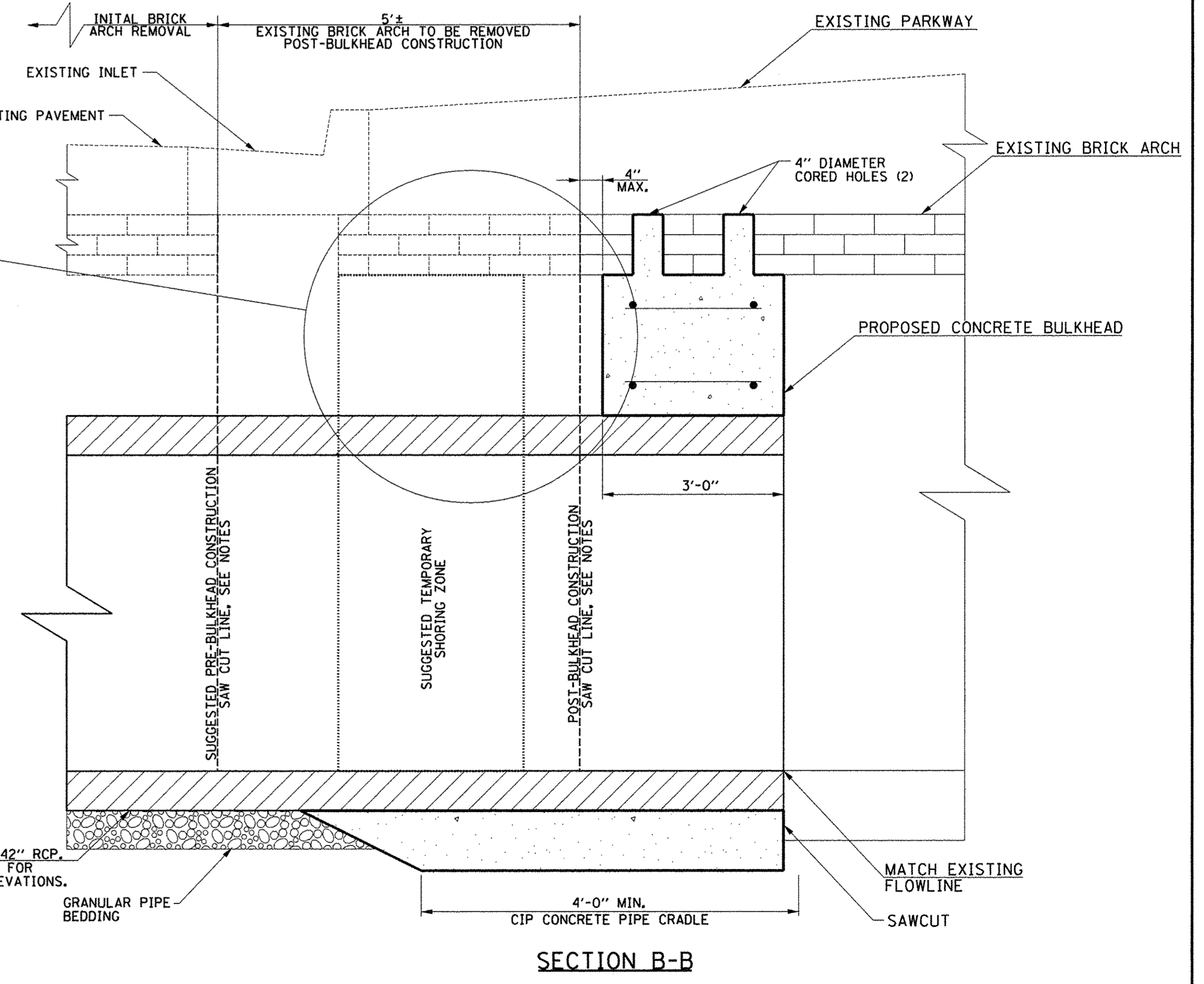
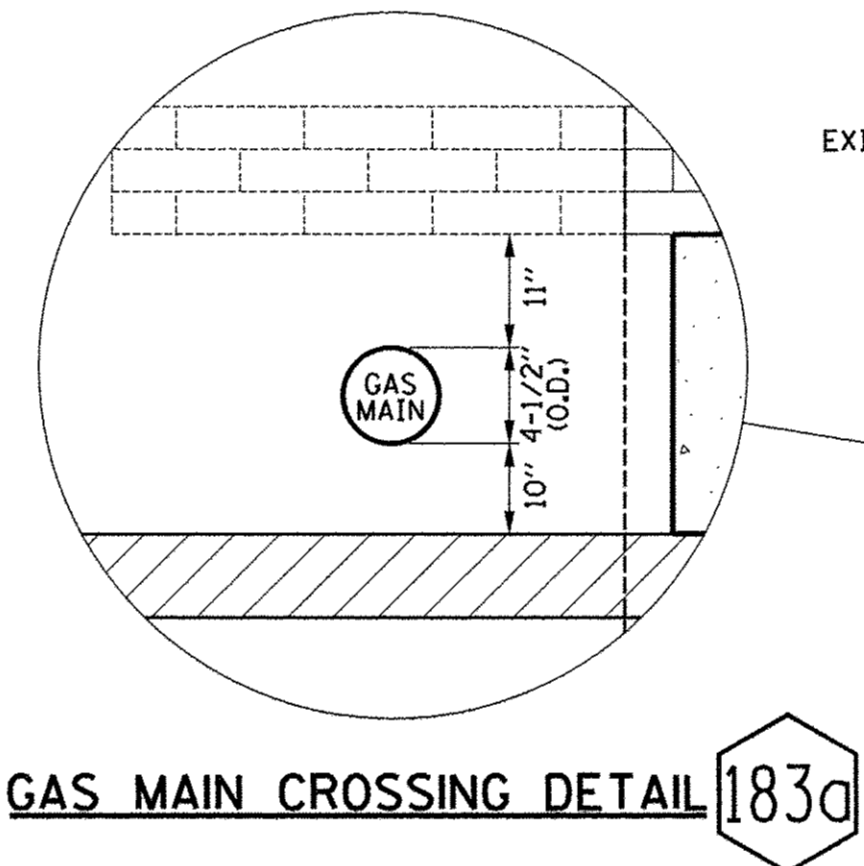
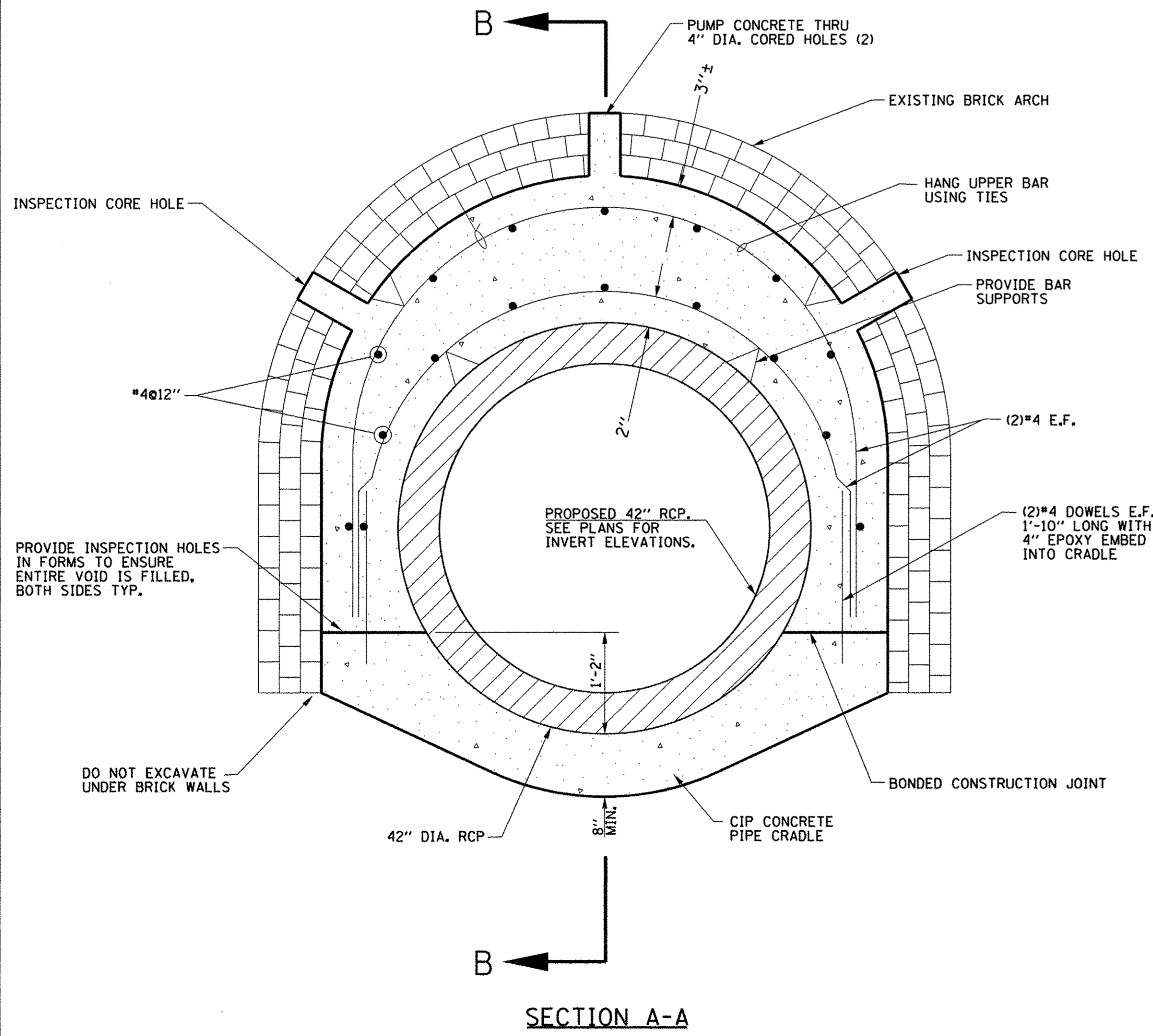
MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 342 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	342
MCORE PROJECT 2 & 3 CONTRACT NO. 91540				
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T16-51810580				



- NOTES:**
1. SUPPORT REINFORCEMENT TO MAINTAIN POSITION DURING CONCRETE POUR.
 2. CONCRETE MIX SHALL BE CLASS SI WITH CA14 OR CA16 COARSE AGGREGATE.
 3. PUMP CONCRETE THRU CORED HOLES. FILL CORED HOLES COMPLETELY WITH CONCRETE. VIBRATE SIDES OF FORMS DURING POUR. PROVIDE INSPECTION HOLES AT BASE OF POUR.
 4. FORMS SHALL NOT BE LEFT IN PLACE. FILL BUG HOLES AND OTHER VOIDS WITH CEMENTIOUS PATCH AFTER FORM REMOVAL.
 5. SAW CUT EXISTING BRICK ARCH TO LINE SHOWN. REPOSITION AND MORTAR INTO PLACE LOOSE BRICK AT PERIMETER OF CUT.
 6. TEMPORARY SHORING OF THE EXISTING BRICK ARCH MAY BE NECESSARY. SEE SECTION B-B BELOW FOR SUGGESTED LOCATION.
 7. SAW CUT EXISTING BRICK ARCH NO CLOSER THAN AT LINE INDICATED IN SECTION B-B. CAREFULLY REMOVE BRICK TO AVOID FAILURE OF BRICK ARCH TO REMAIN IN PLACE.
 8. REFER TO THE MANHOLE DETAIL SHEET FOR STRUCTURE 184.
 9. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SUPPORT OF UTILITIES DURING CONSTRUCTION OPERATIONS.
 10. CONTRACTOR TO PROVIDE COPIES OF SHORING PLANS, SEALED BY A STRUCTURAL ENGINEER, FOR THE EXISTING BRICK ARCH AND TEMPORARY EARTH RETENTION TO THE CITY FOR THEIR RECORDS.
 11. THE WORK ASSOCIATED WITH CONSTRUCTION OF THE CONCRETE BULKHEAD, INCLUDING ALL TEMPORARY SHORING, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SEWER PIPE BULKHEAD 60".



SEWER PIPE BULKHEAD 60" 183d 185c

Clark Dietz
ENGINEERS

FILE NAME = p:\c0010720_moore\plans\sheets\Project2\P2-sht-rdwy-details.dgn
PLOT DATE = 3/23/2016 4:58:13 PM

DESIGNED - J.A.J.	REVISED -
DRAWN - D.L.M.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - MARCH 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

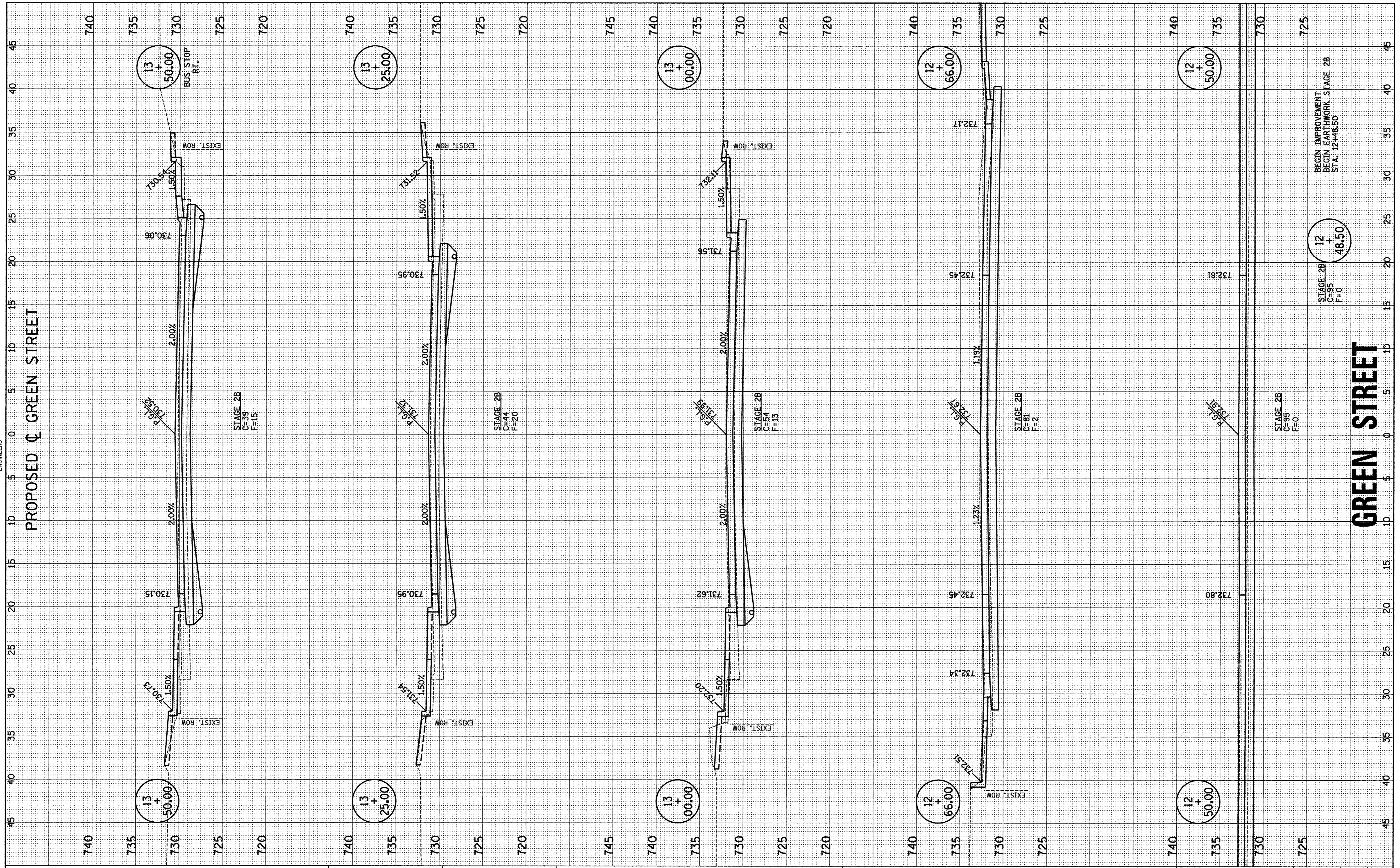
MISCELLANEOUS DETAILS

SCALE : NONE SHEET NO. 343 OF 412 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	343
MCORE PROJECT 2 & 3			CONTRACT NO. 91540	
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-51810589				

FINAL SURVEY	DATE
REVIEWED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVIEWED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\12+50-grnw-ssht.dgn
 PLOT DATE = 8/25/2016 2:09:21 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - GREEN STREET

SCALE: 1" = 5' HOR VERT SHEET NO. 344 OF 412 SHEETS STA. 12+50.00 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	344
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16		ILLINOIS FED. AID PROJECT TIG-5181(058)		

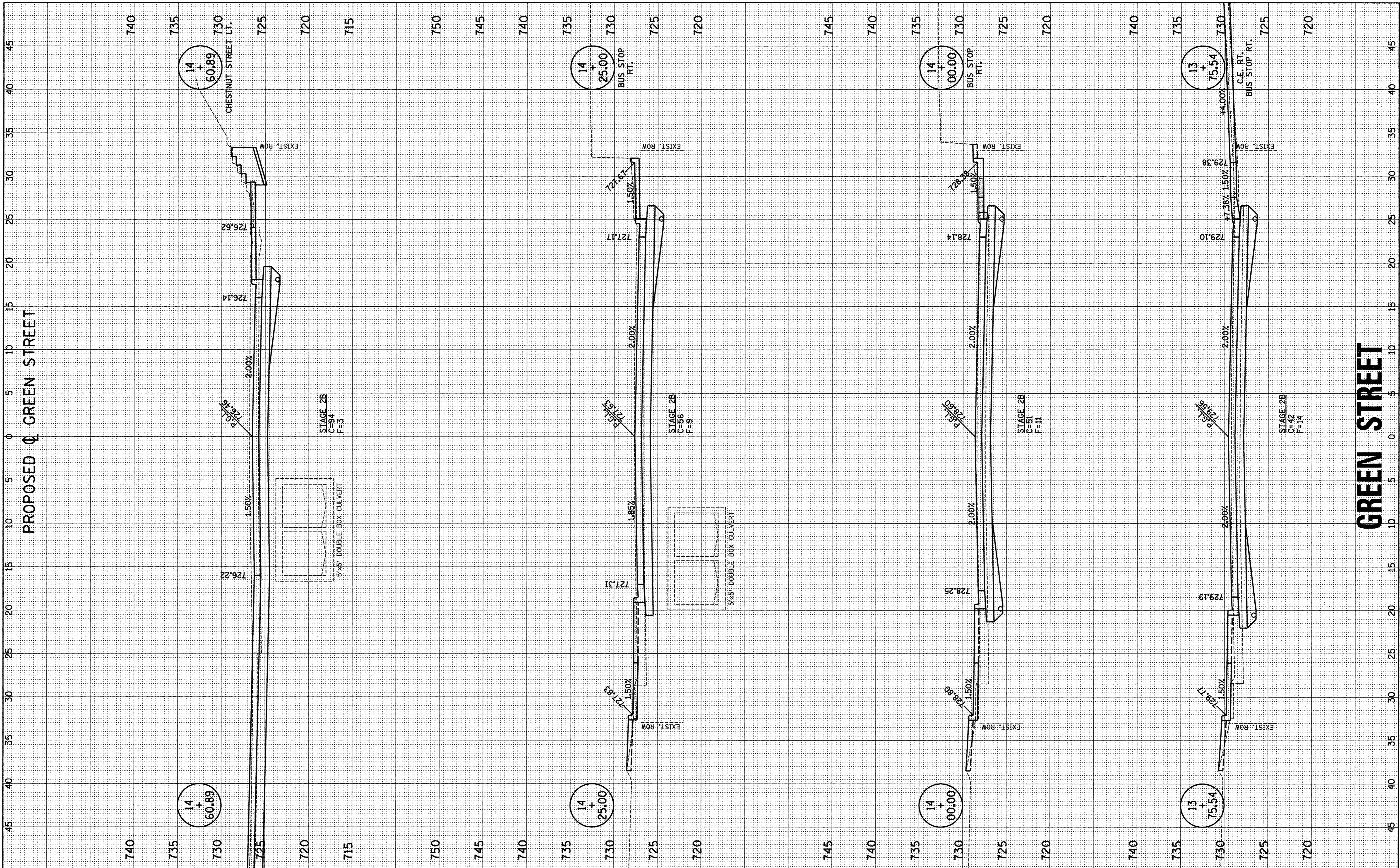
BEGIN IMPROVEMENT
 BEGIN EARTHWORK STAGE 2B
 STA. 12+48.50

STAGE 2B
 C-95
 F=0
 12 + 48.50

GREEN STREET

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-GRNW-xssht.dgn
 PLOT DATE = 8/25/2016 2:09:26 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

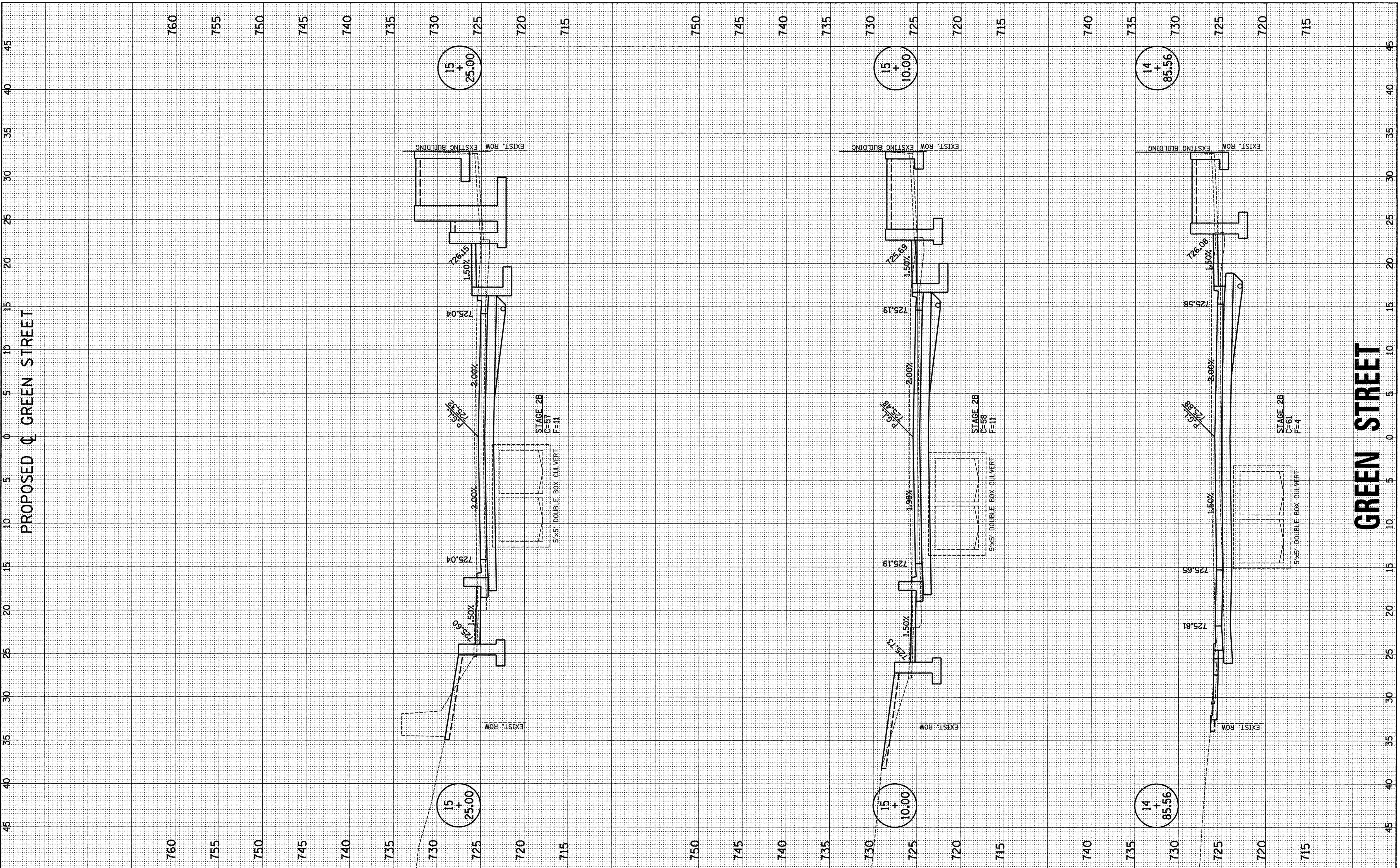
CROSS SECTIONS - GREEN STREET

SCALE : 1" = 5' HOR VERT SHEET NO. 345 OF 412 SHEETS STA. 13+75.54 TO STA. 14+60.89

F.A.U. RTE. 7126	SECTION 15-00304-02-PV	COUNTY CHAMPAIGN	TOTAL SHEETS 412	SHEET NO. 345
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT TIG-5181(058)				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS		
	CHECKED		



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-GRNW-xsst.dgn
 PLOT DATE = 8/25/2016 2:09:30 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

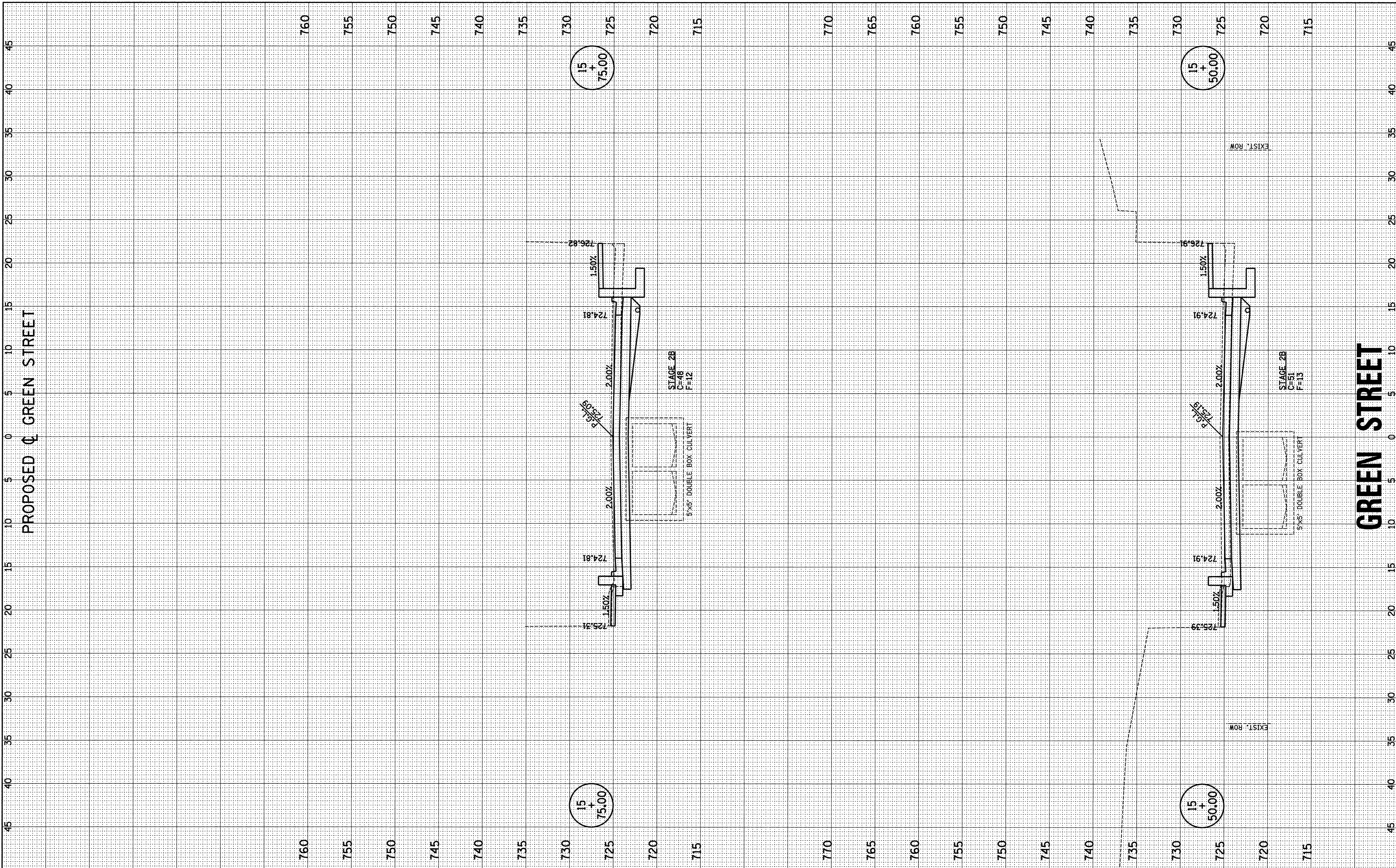
CROSS SECTIONS - GREEN STREET

SCALE: 1" = 8' HOR, 1" = 8' VERT
 SHEET NO. 346 OF 412 SHEETS
 STA. 14+85.56 TO STA. 15+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	346
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T10-5181(058)				

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
TEMPLATE		
AREAS		
CHECKED		



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-GRNW-xssht.dgn
 PLOT DATE = 8/25/2016 2:09:38 PM

DESIGNED -	J.L.B.	REVISED -	J.A.J.
DRAWN -	J.L.B.	REVISED -	J.L.B.
CHECKED -	S.M.W.	REVISED -	S.M.W.
DATE -	MARCH 2016	REVISED -	AUGUST 2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

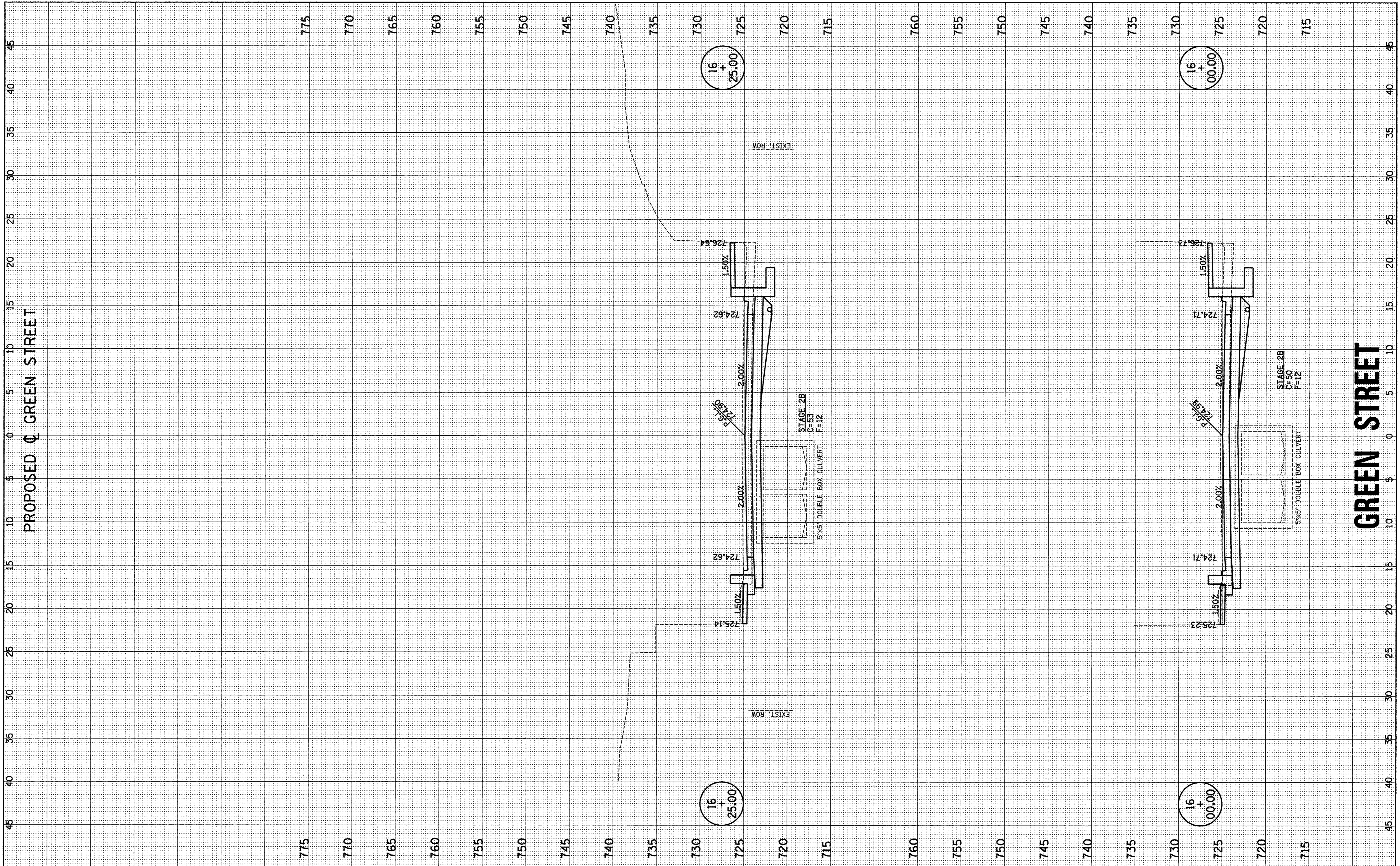
CROSS SECTIONS - GREEN STREET

SCALE : 1/4" = 5' HOR. 1/8" = 5' VERT. SHEET NO. 347 OF 412 SHEETS STA. 15+50.00 TO STA. 15+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	347
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16		ILLINOIS FED. AID PROJECT T16-5181(058)		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
REVISIONS		
AREAS		
CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
REVISIONS		
AREAS		
CHECKED		
NO.		



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-GRNW-xssht.dgn
 PLOT DATE = 8/25/2016 2:09:37 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

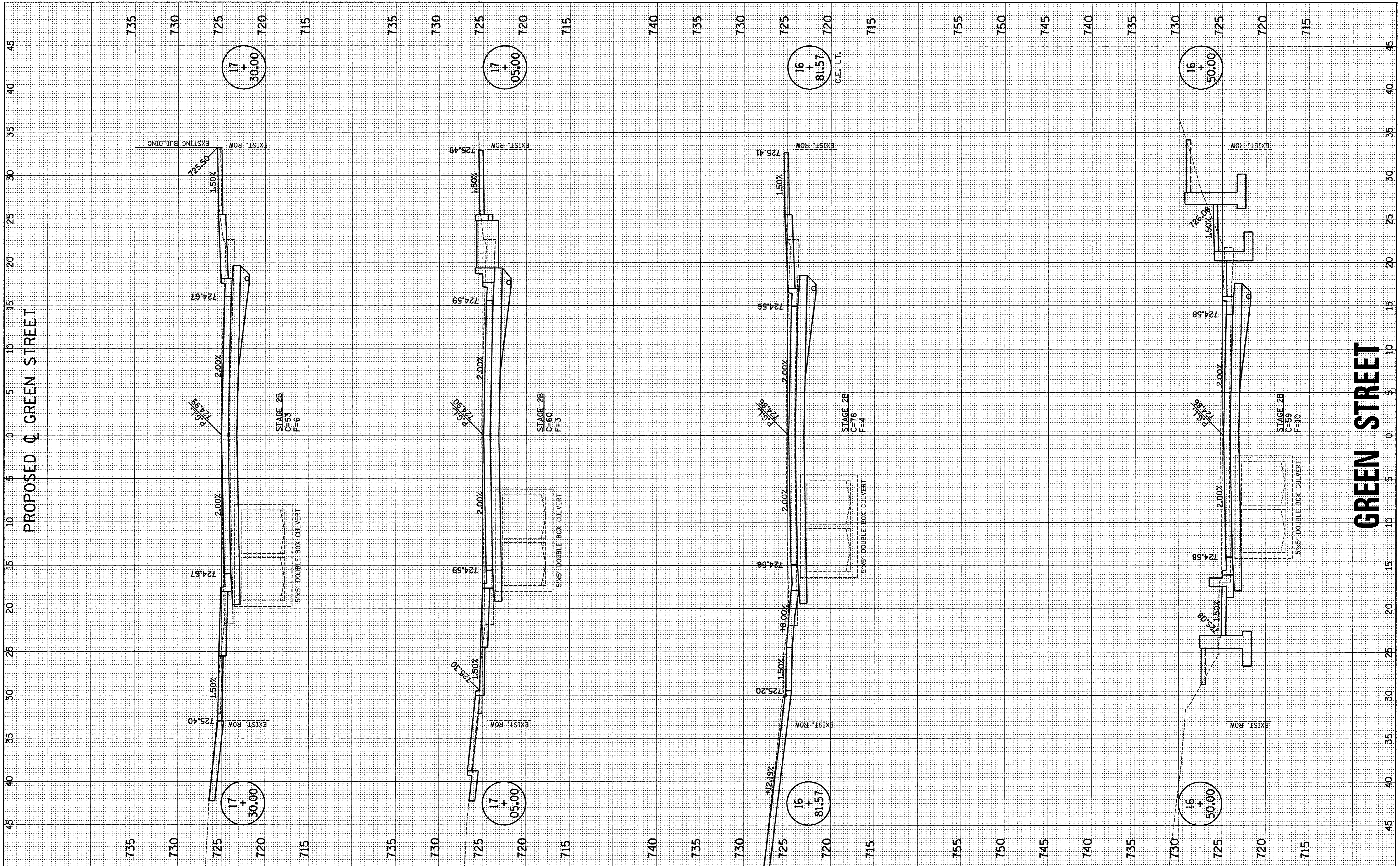
CROSS SECTIONS - GREEN STREET

SCALE : 1" = 5' HOR VERT SHEET NO. 348 OF 412 SHEETS STA. 16+00.00 TO STA. 16+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	348
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16		ILLINOIS FED. AID PROJECT T16-51810581		

FINAL SURVEY
 SURVEYED PLOTTED
 NOTE BOOK DATE
 NO. AREAS AREAS CHECKED

ORIGINAL SURVEY
 SURVEYED PLOTTED
 NOTE BOOK DATE
 NO. AREAS AREAS CHECKED



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\P2-sht-GRNW-xsht.dgn
 PLOT DATE = 8/25/2016 2:09:41 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - GREEN STREET

SCALE : 1" = 20' HOR. 1" = 4' VERT. SHEET NO. 349 OF 412 SHEETS STA. 16+50.00 TO STA. 17+30.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	349
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T16-5181(05B)				

FINAL SURVEY
NOTE BOOK
NO. _____

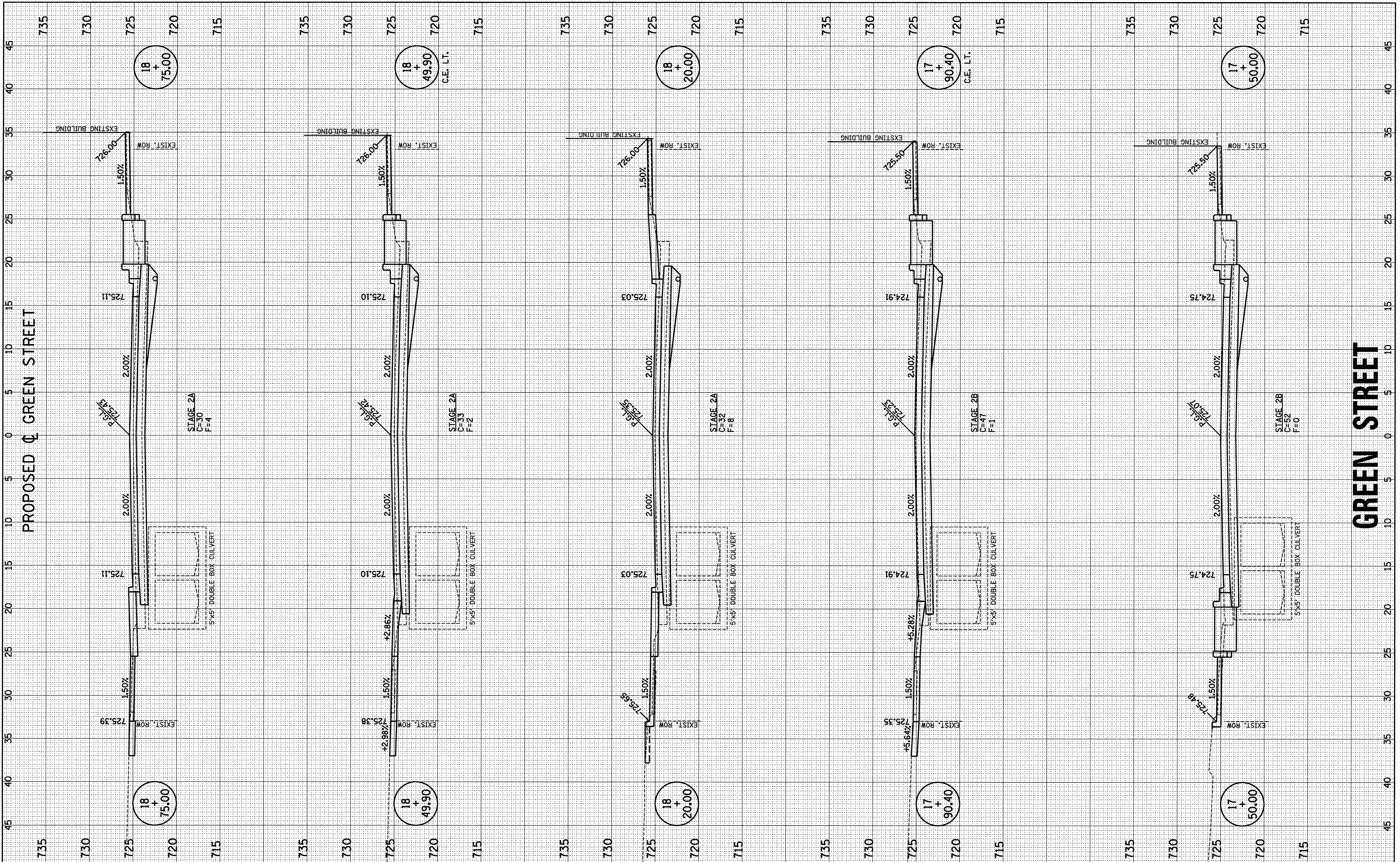
SURVEYED _____
DATE _____
BY _____

TEMPLATE _____
AREAS CHECKED _____

ORIGINAL SURVEY
NOTE BOOK
NO. _____

SURVEYED _____
DATE _____
BY _____

TEMPLATE _____
AREAS CHECKED _____



FILE NAME = p:\c0010720_mcore\plans\sheets\Project2\p2-sht-GRNW-xssht.dgn
PLOT DATE = 8/25/2016 2:09:45 PM

DESIGNED - J.L.B.	REVISED - J.A.J.
DRAWN - J.L.B.	REVISED - J.L.B.
CHECKED - S.M.W.	REVISED - S.M.W.
DATE - MARCH 2016	REVISED - AUGUST 2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - GREEN STREET

SCALE: 1/4" = 10' HOR. 1/8" = 5' VERT. SHEET NO. 350 OF 412 SHEETS STA. 17+50.00 TO STA. 18+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-02-PV	CHAMPAIGN	412	350
MCORE PROJECT 2		CONTRACT NO. 91540		
JOB NO. C-95-306-16 ILLINOIS FED. AID PROJECT T10-5181(05B)				