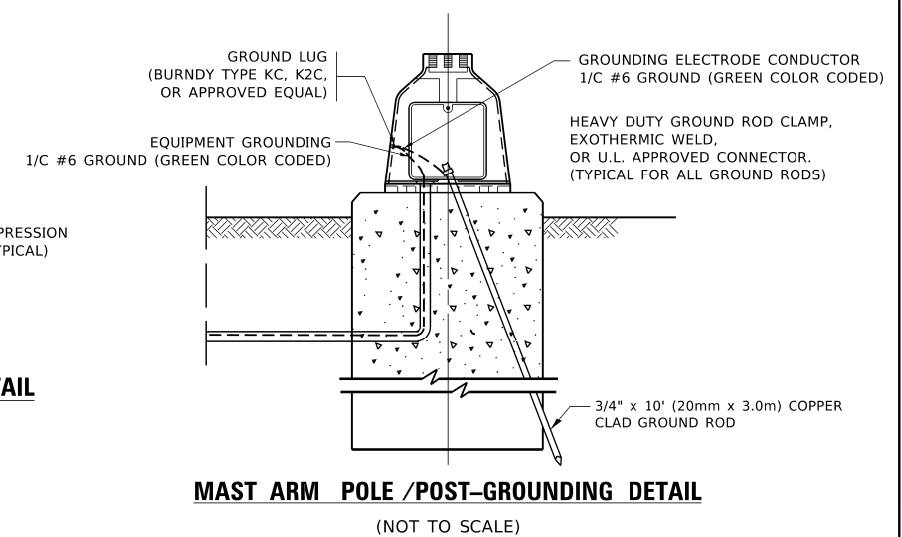


- NOTES:
- ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

- ## NOTES:
- ### **GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

- ## NOTES:
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



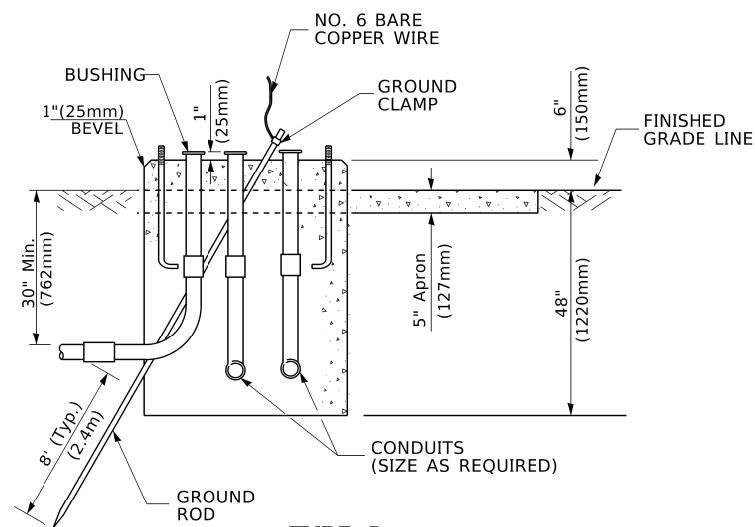
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		DRAWN -	REVISED -						1349	16-00061-00-LS	COOK	167	101
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	PLLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE		SHEET 4	OF 7	SHEETS	STA.	TO STA.		
											ILLINOIS FED. AID PROJECT		

TOP VIEW

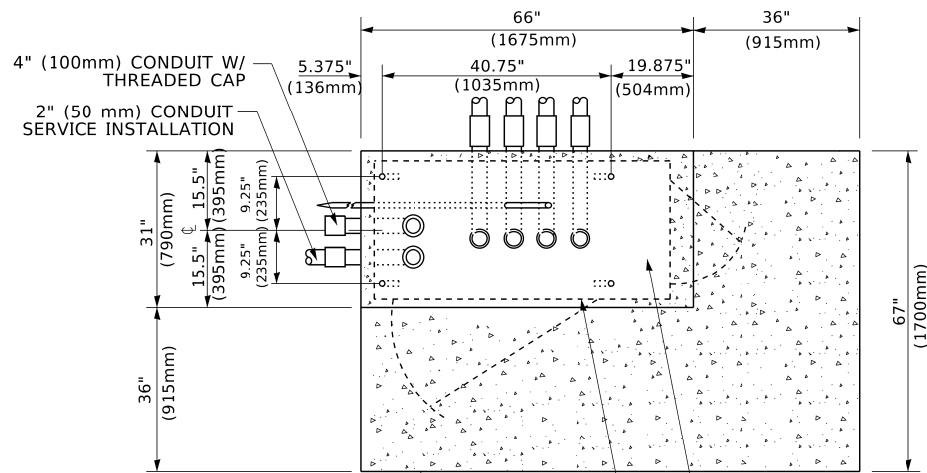
EXISTING APRON

CONTROLLER CABINET BASE

PROPOSED APRON



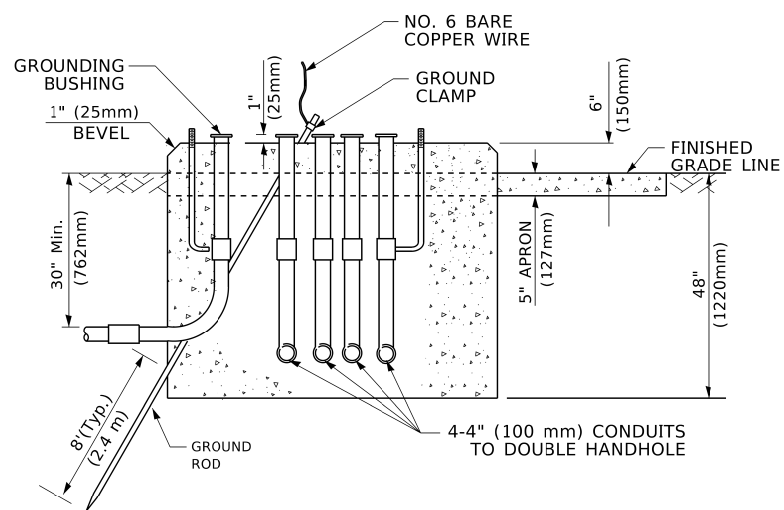
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



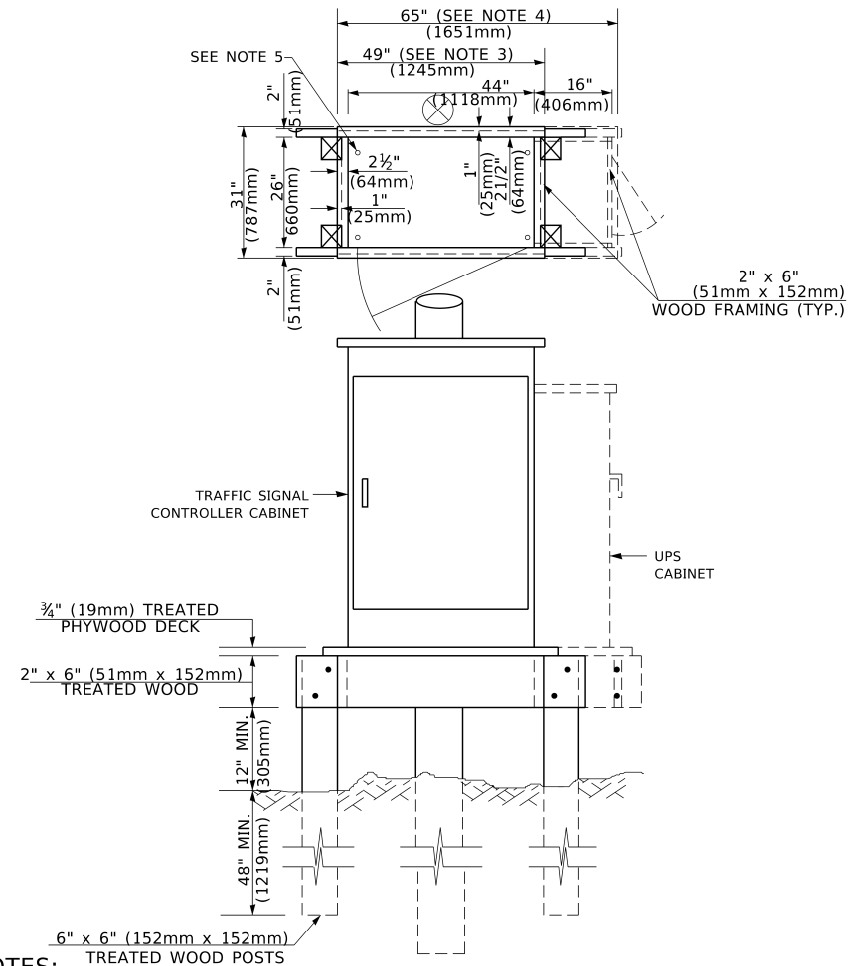
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm).
ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm).
ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND FRAME (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ U ^P S	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

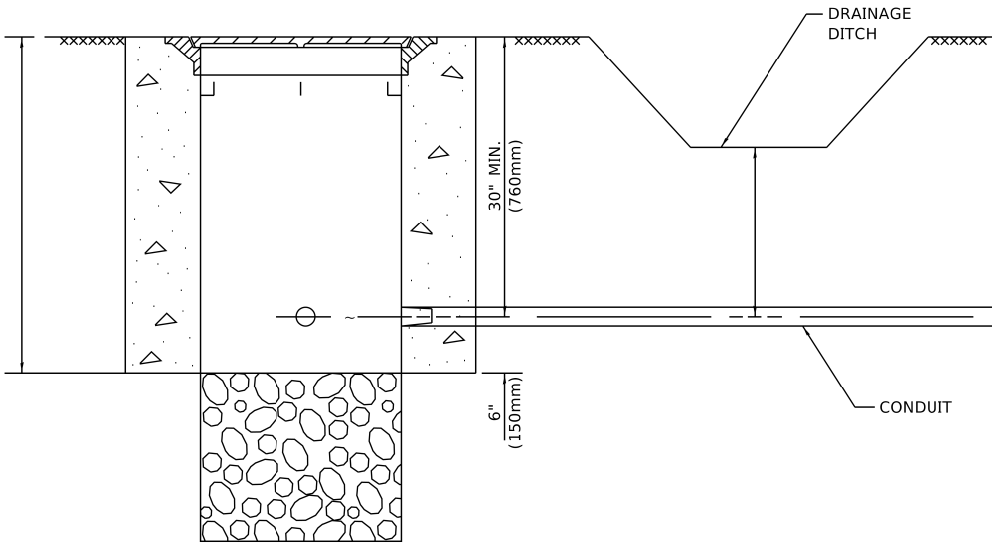
Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

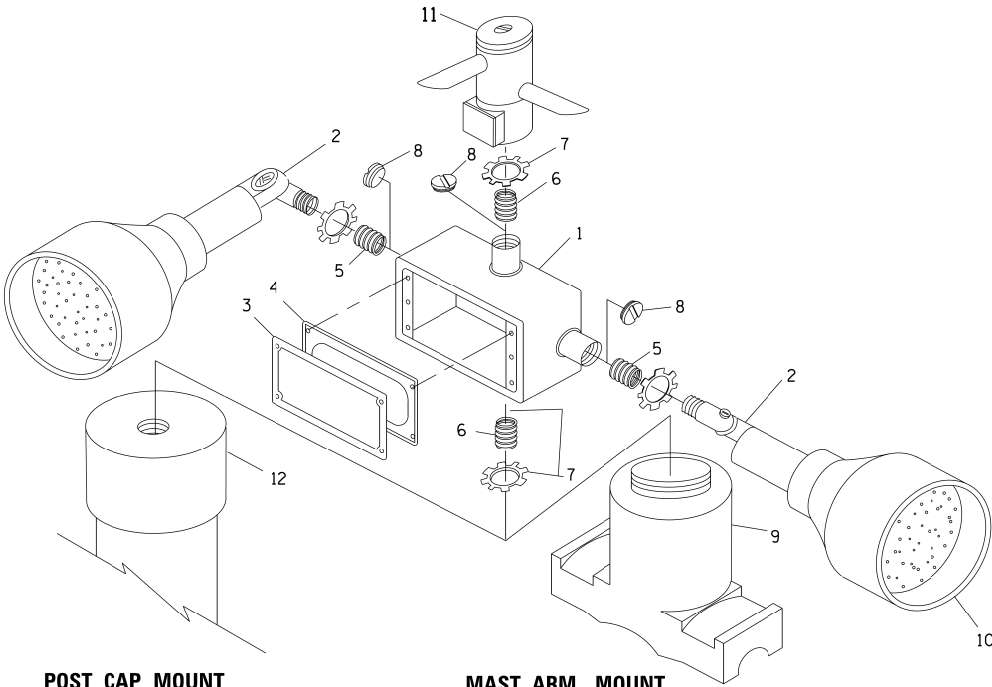
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		DRAWN -	REVISED -						1349	16-00061-00-LS	COOK	167	102
	%LOT SCALE = 50.0000 " / in.	CHECKED -	REVISED -		TS-05				CONTRACT NO. 61L92				
	%LOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE	SHEET 5	OF 7 SHEETS	STA.	TO STA.				
								ILLINOIS FED. AID PROJECT					



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

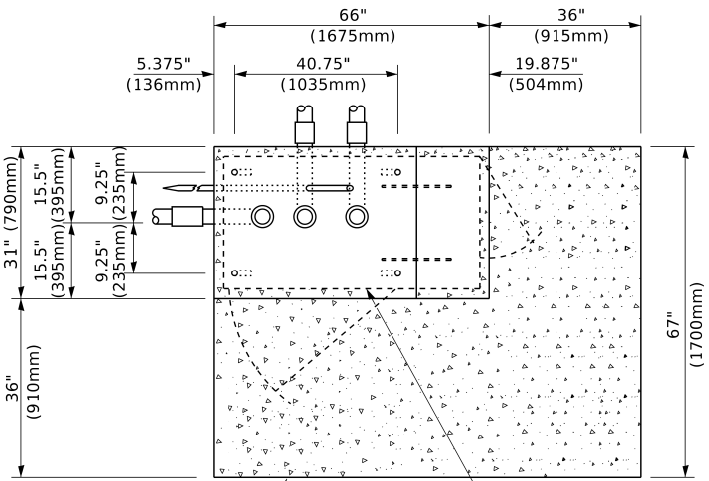
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



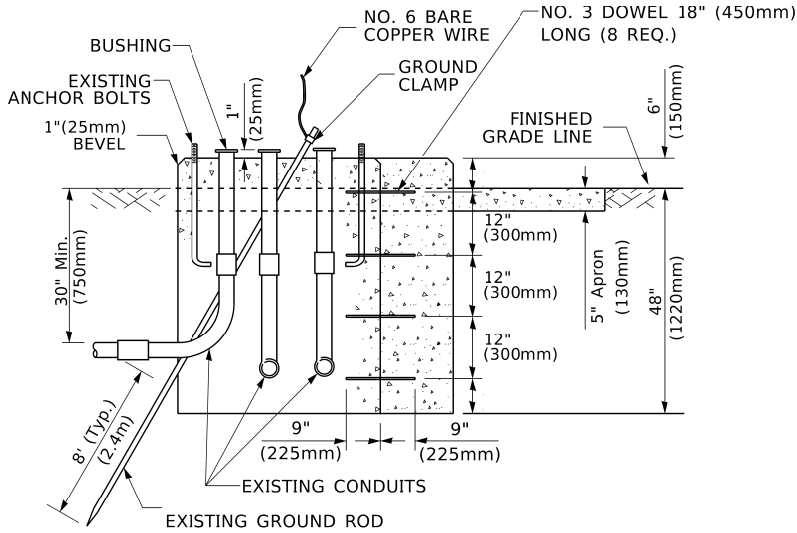
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

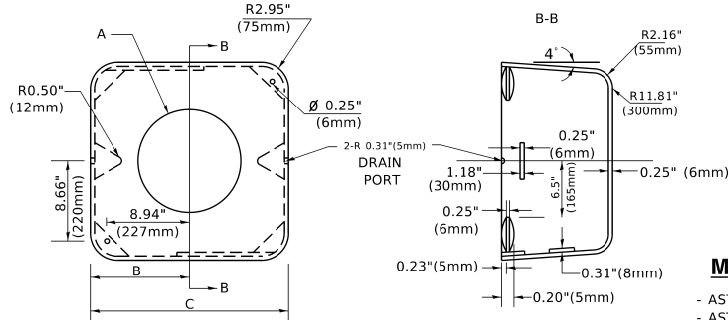


MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4"(19 mm) CLOSE NIPPLE
7	3/4"(19 mm) LOCKNUT
8	3/4"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

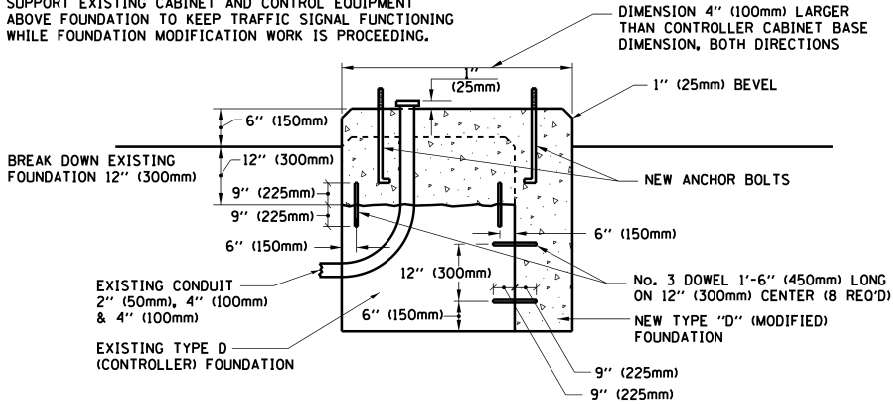
SHROUD

NOTES:

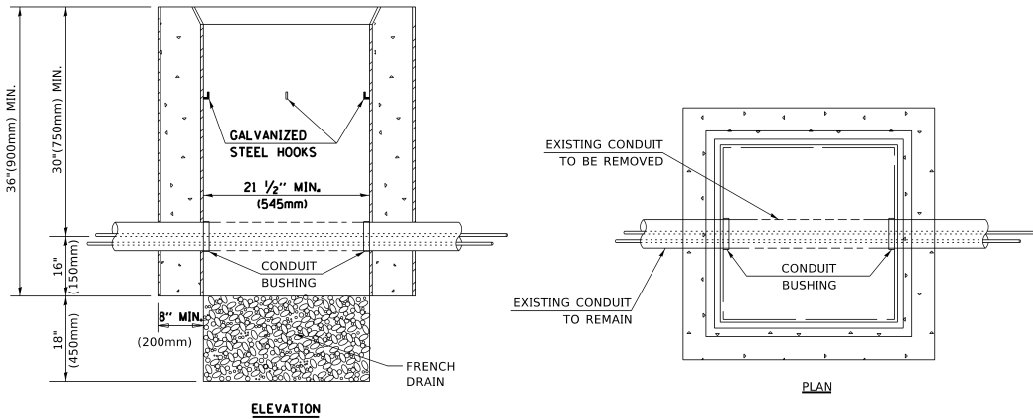
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

	USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	%LOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED -						1349	16-00061-00-LS	COOK	167	103
	%LOT DATE = 3/4/2019	CHECKED -	REVISED -		TS-05		CONTRACT NO. 61L92						
		DATE -	REVISED -		SCALE: NONE	SHEET 6	OF 7	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

JSER NAME = plascenciai	DESIGNED = IP	REVISED = 10/15/2020
	DRAWN = IP	REVISED =
%LOT SCALE = 100.0000 ' / in.	CHECKED = LP	REVISED =
%LOT DATE = 11/17/2020	DATE = 10/15/2018	REVISED =

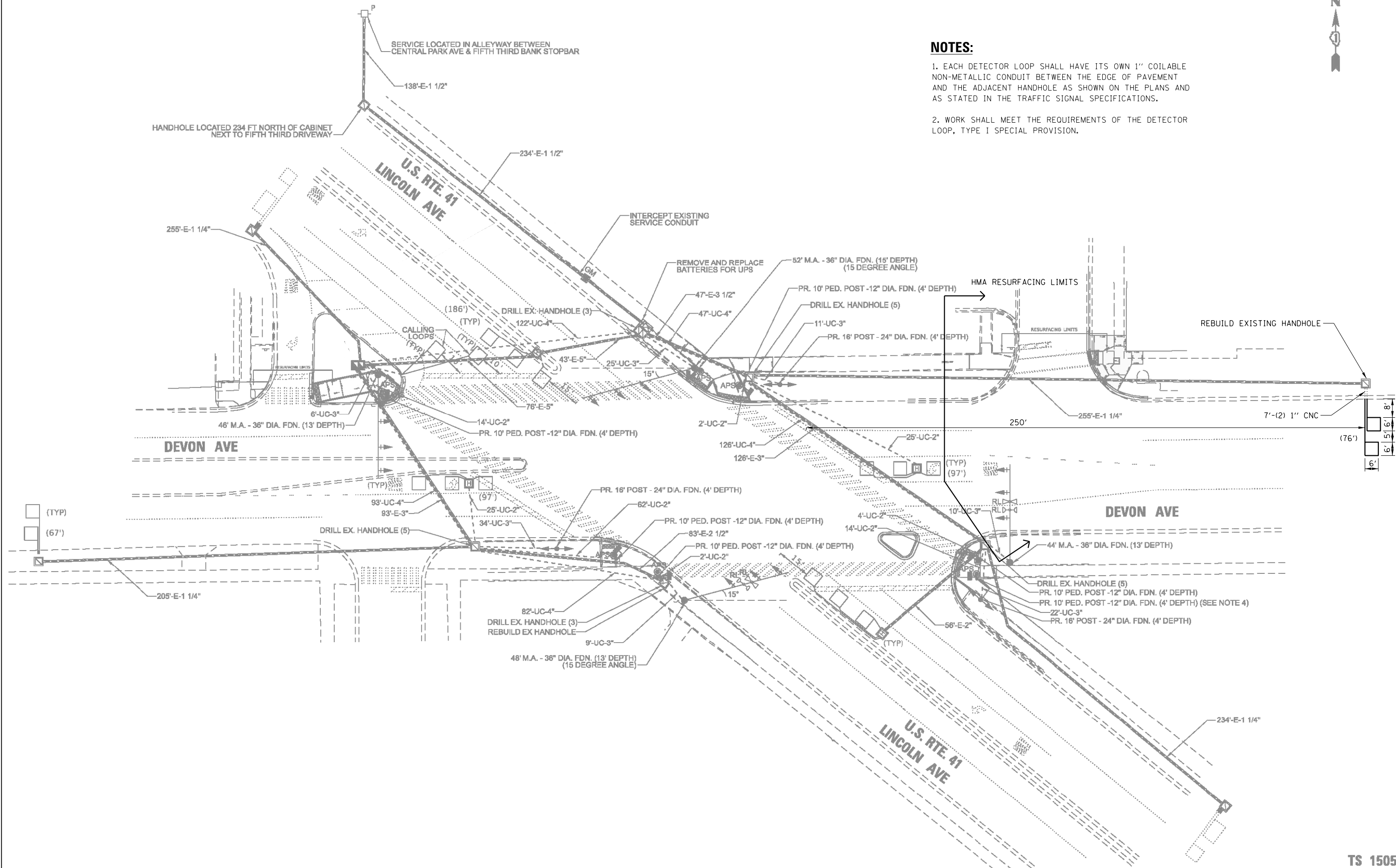
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	104
TS-05		CONTRACT NO. 61L92		
ILLINOIS		FED. AID PROJECT		



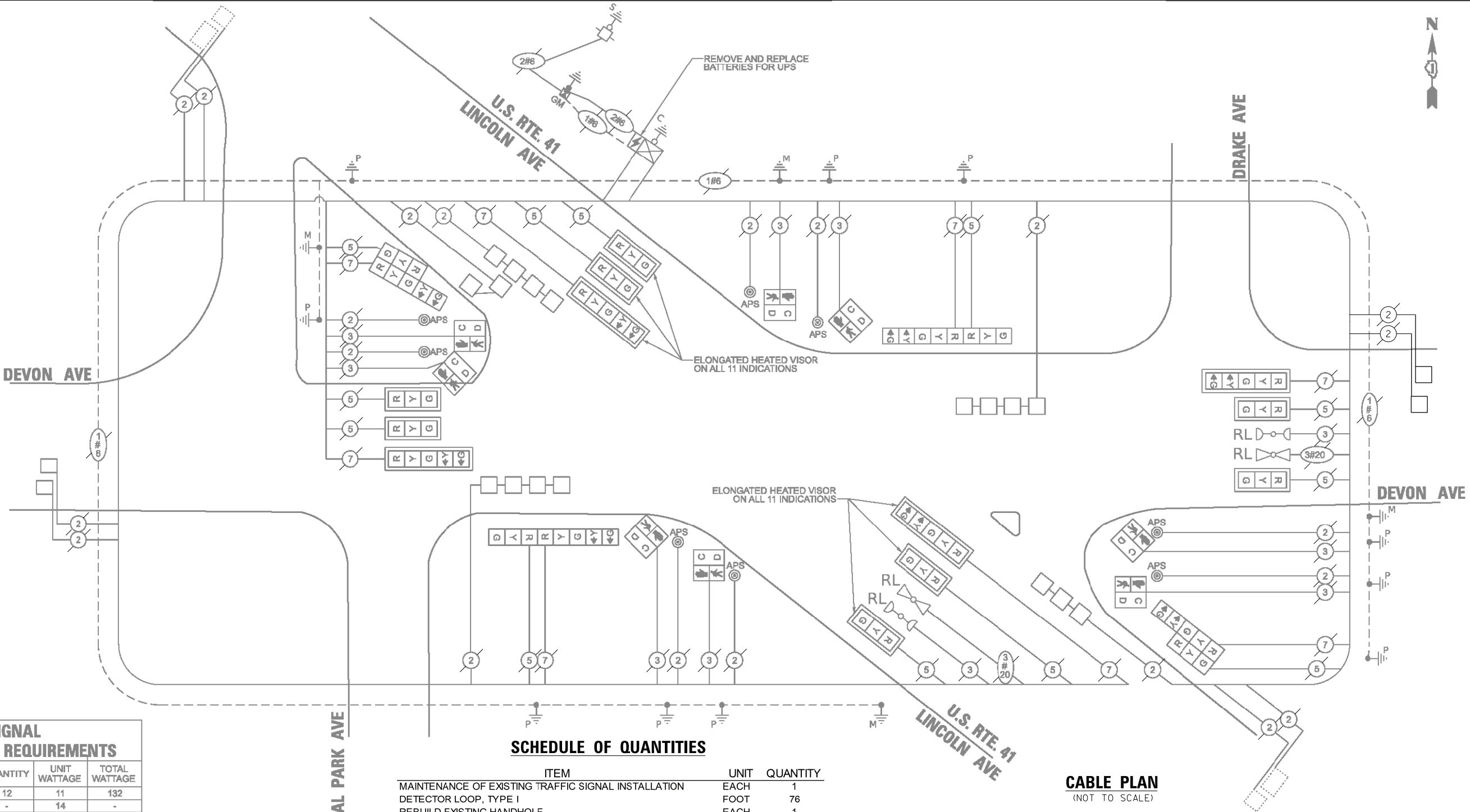
NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. WORK SHALL MEET THE REQUIREMENTS OF THE DETECTOR LOOP, TYPE I SPECIAL PROVISION.



FILE NAME = N:\LINCOLNWOOD\140090\C1401\Traffic\TS1	USER NAME = pandrews DEVON-US41(LINCOLN).MOD.dgn	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN DEVON AVENUE AND US ROUTE 41 (LINCOLN AVENUE)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - FPB	REVISED -				1349	16-00061-00-LS	COOK	167	105
		PLOT SCALE = 28'	CHECKED - EAJ				CONTRACT NO. 61L92				
		PLOT DATE = 9/26/2025	DATE - 9/26/2025				ILLINOIS FED. AID PROJECT				
105					SCALE: NTS		SHEET 1	OF 5	SHEETS	STA. N/A	TO STA. N/A

TS 1505



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT	WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11		132
4-SECTION	-	14		-
5-SECTION	8	13		104
PROGRAMMABLE 3-SECTION	-	22		-
4-SECTION	-	32		-
5-SECTION	-	28		-
PEDESTRIAN SIGNAL	8	15		120
CONTROLLER	1	150		150
MASTER CONTROLLER	-	100		-
UPS	1	25		25
DETECTION RADAR OR VIDEO	-	20		-
BLANK-OUT SIGN	-	25		-
NETWORK SWITCH II OR III	-	35		-
CELLULAR MODEM	-	15		-
TOTAL UPS SIZING			531	
UPS CHARGING	1	225		225
BATTERY HEATER MAT	1	180		180
CABINET HEATER	1	200		200
FLASHER	-	15		-
LED STREET NAME SIGN	-	120		-
LUMINAIRE	-	240		-
TOTAL SERVICE WIRE SIZING			1136	

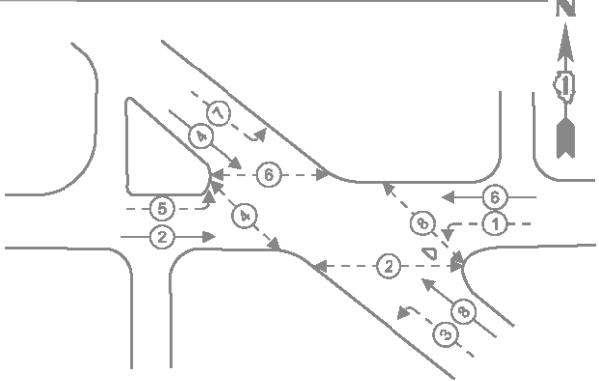
ENERGY COSTS TO:			
ILLINOIS DEPARTMENT OF TRANSPORTATION			
201 W CENTER CT			
SCHAUMBURG, IL 60196			
ENERGY SUPPLY:	CONTACT:	AXL DAVIS	
	PHONE:	773-231-2869	
	COMPANY:	COMED	
	ACCOUNT NUMBER:	85890-51222	
	METER NUMBER:	—	

SCHEDULE OF QUANTITIES

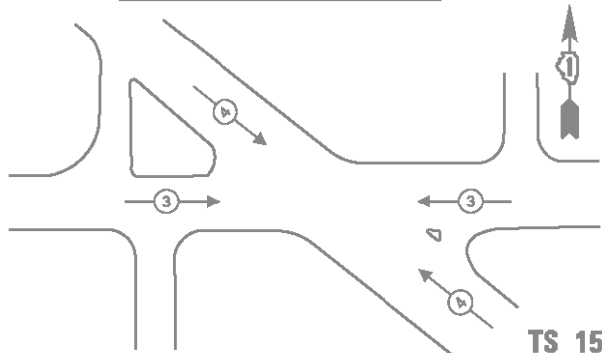
ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	76
REBUILD EXISTING HANDHOLE	EACH	1

CABLE PLAN
(NOT TO SCALE)

EXISTING AND PROPOSED CONTROLLER SEQUENCE



EXISTING AND PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



- LEGEND:
- ← * → PROTECTED PHASE
 - ← * - - PROTECTED/PERMITTED PHASE
 - ← * → PEDESTRIAN PHASE
 - ← * OL → OVERLAP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION
DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
DEVON AVENUE AND US ROUTE 41 (LINCOLN AVENUE)

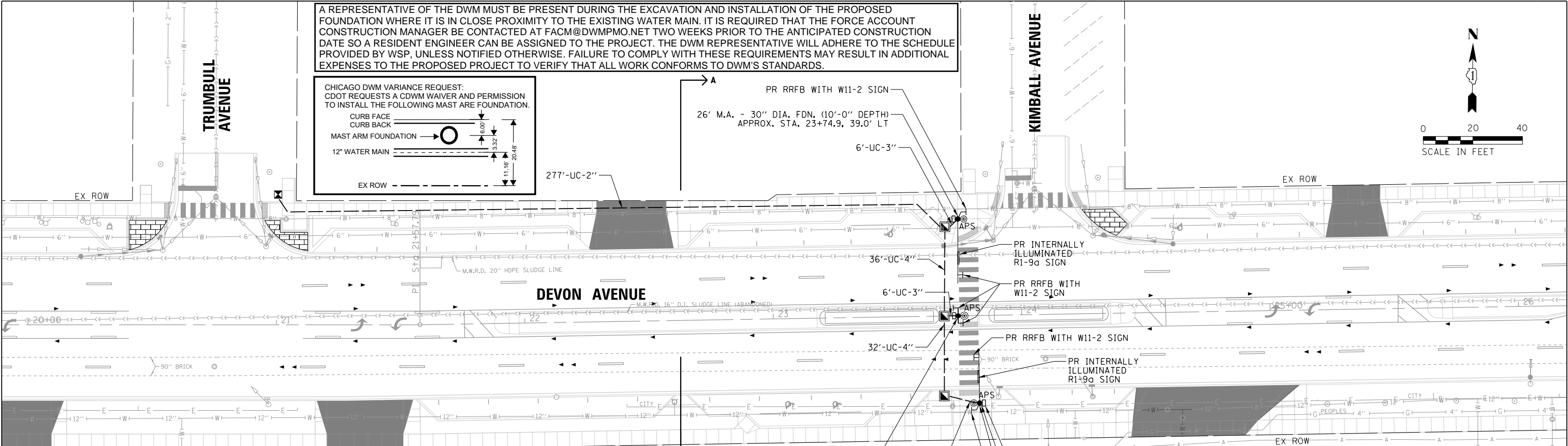
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	106
CONTRACT NO. 61L92				

ILLINOIS FED. AID PROJECT

FILE NAME =	USER NAME = pandrews
N:\LINCOLNWOOD\140090\C1401\Traffic\TS2	DEVON-US41\LINCOLN.CAB.dgn
PLOT SCALE = 28"	
PLOT DATE = 9/26/2025	

DESIGNED - EAJ	REVISED -
DRAWN - FPB	REVISED -
CHECKED - EAJ	REVISED -
DATE - 9/26/2025	REVISED -

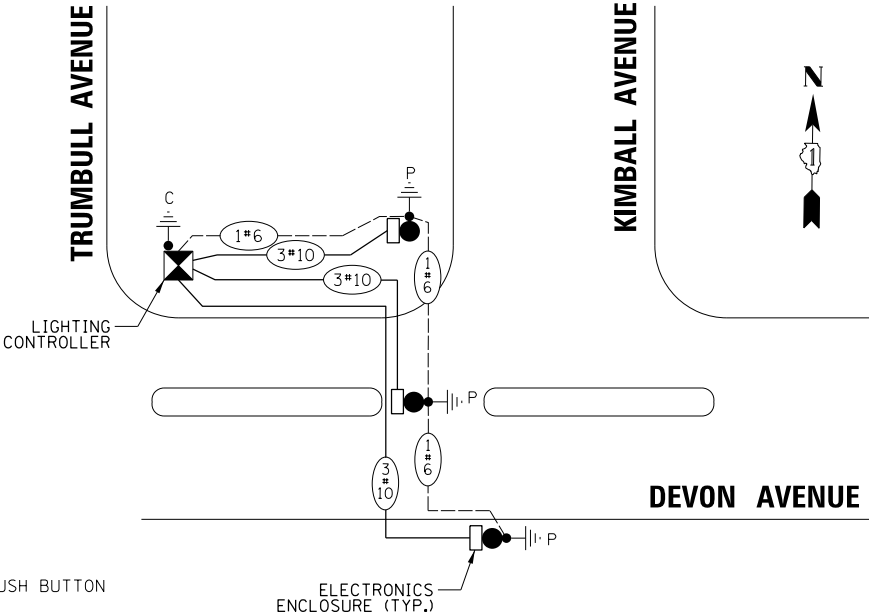
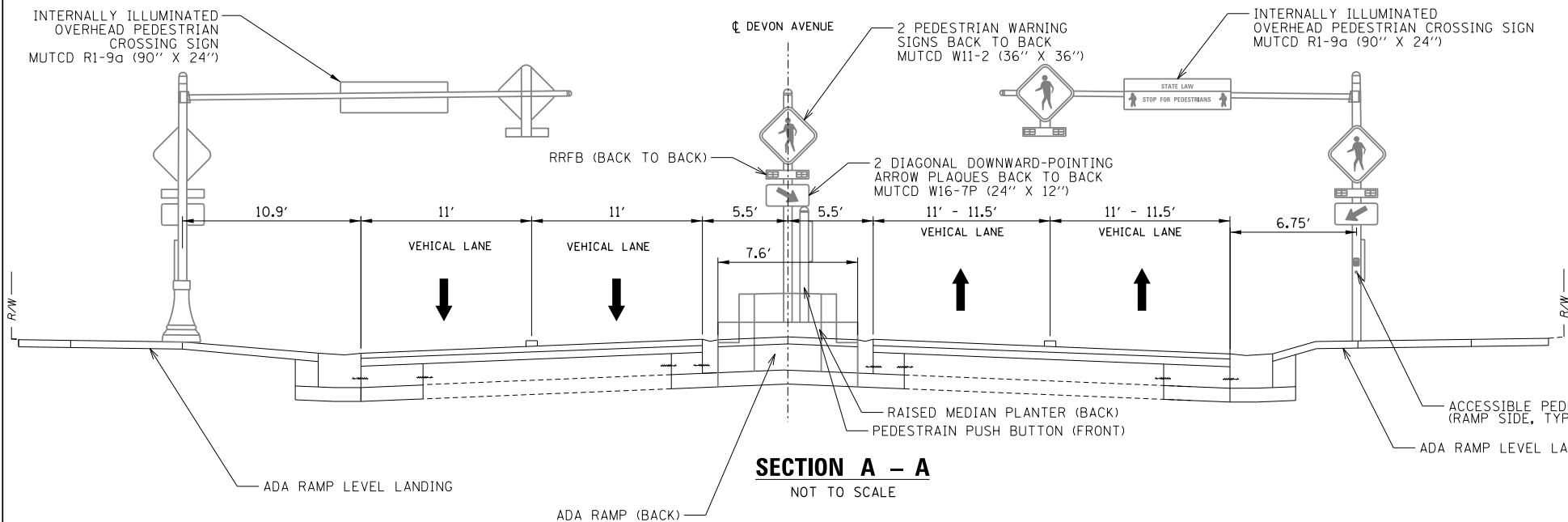


SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	67
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	277
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	27
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	68
HANDHOLE	EACH	3
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 10 3C	FOOT	1073
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1057
TRAFFIC SIGNAL POST, 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
ILLUMINATED SIGN (SPECIAL)	EACH	2
PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	1

CONSTRUCTION NOTES:

- ALL W11-2 PEDESTRIAN WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. ALL W16-7P PLAQUES OR OTHER SUPPLEMENTAL PLAQUES SHALL ALSO MATCH THE FLUORESCENT YELLOW-GREEN BACKGROUND.
- THE UNDERGROUND CONDUIT SHALL BE INSTALLED VIA OPEN TRENCH. THE CONTRACTOR SHALL FOLLOW APPLICABLE IDOT HIGHWAY STANDARDS FOR THE REQUIRED LANE CLOSURES.
- ALL PEDESTRIAN PUSHBUTTONS SHALL BE APS.
- FOR SIDEWALK ADA DETAILS SEE SHEETS 61, 62 AND 68.

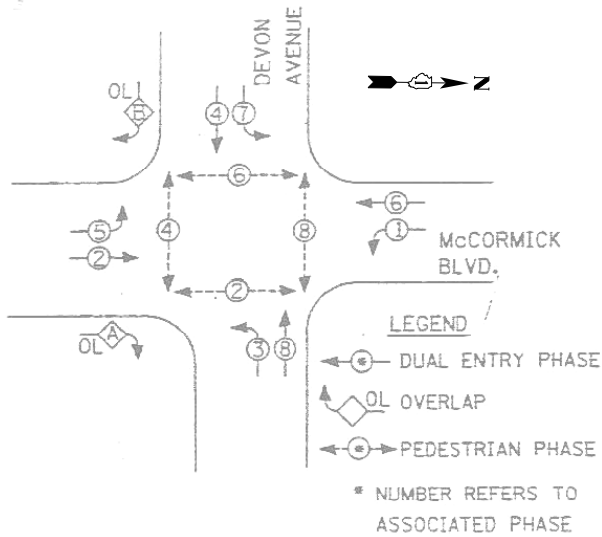


CABLE PLAN

NOT TO SCALE

FILE NAME =	USER NAME = pandrews	DESIGNED - EAJ	REVISED -	<div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div>	<div>RRFB INSTALLATION PLAN</div> <div>DEVON AVENUE AND KIMBALL AVENUE</div>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C1401\Traffic\TS3	DEVON-KIMBALL_RRFB.dgn	DRAWN - FPB	REVISED -					1349	16-00061-00-LS	COOK	167	107
	PLOT SCALE = 28'	CHECKED - EAJ	REVISED -		CONTRACT NO. 61L92							
107	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -		SCALE: NTS	SHEET 3 OF 5 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT			

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5

EXISTING AND PROPOSED
EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	2	11	22
4-SECTION	-	14	-
5-SECTION	12	13	156
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
NETWORK SWITCH II OR III	-	25	-
BLANK-OUT SIGN	-	35	-
CELLULAR MODEM	-	15	-
TOTAL SERVICE WIRE SIZING			473
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,078

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	843
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	170
REBUILD EXISTING HANDHOLE	EACH	1

ENERGY COSTS TO:

VILLAGE OF LINCOLNWOOD

6900 N LINCOLN AVENUE
LINCOLNWOOD, IL 60712

ENERGY SUPPLY: CONTACT: AXL DAVIS

PHONE: (773) 231-2969

COMPANY: COMED

ACCOUNT NUMBER: 08070-32000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION
DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
DEVON AVENUE AND McCORMICK BOULEVARD / SPAULDING AVENUE

SCALE: NTS SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	109
CONTRACT NO. 61L92				

ILLINOIS FED. AID PROJECT

TS 5045

VILLAGE OF LINCOLNWOOD LIGHTING GENERAL NOTES

- THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY EQUIPMENT. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE AT (800) 892-0123.
- BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD AND UNDERGROUND ELECTRIC UTILITIES, CONTRACTOR SHALL CALL COM ED FOR LOCATION APPROVAL AND MINIMUM CLEARANCE REQUIREMENTS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - “STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION”, AS PREPARED BY IDOT.
 - “THE NATIONAL ELECTRICAL CODE”.
 - MUNICIPAL CODES & STANDARDS.
- NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE ENGINEER.
- ALL UNDERGROUND CONDUITS SHALL BE INSTALLED BY DIRECTIONAL BORING METHOD. SOME LOCATIONS MAY REQUIRE TRENCHING AND/OR HAND DIGGING. CONTRACTOR SHALL PROVIDE PRIOR NOTICE TO ENGINEER BEFORE TRENCHING.
- ALL UNDERGROUND WIRING SHALL BE XLP TYPE-USE, 600 VOLTS, BURIED A MINIMUM 30 INCHES BELOW FINISHED GRADE, FOLLOWING THE ROADWAY OR SIDEWALK EDGE.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, (IF APPLICABLE) AND HAVE BEEN REVIEWED BY THE ENGINEER.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
- ALL POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE.
- THE CONTRACTOR SHALL STAKE ALL POLE LOCATIONS PRIOR TO REQUESTING A JULIE UTILITY LOCATE. ONCE ALL LOCATIONS ARE STAKED CONTRACTOR SHALL SET UP A MEETING WITH THE VILLAGE AND ENGINEER FOR POLE LOCATION APPROVAL.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHT POLES, UNDERGROUND CONDUITS/WIRING, HANDHOLES, JUNCTION BOXES & CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
- UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY NOTIFICATION AND ALL COORDINATION WITH COM ED FOR NEW ELECTRIC SERVICE TO THE PROPOSED LIGHTING CONTROLLER.
- THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY CONTROLLER, POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE WHITE NYLON WITH INTEGRAL MECHANICAL FASTENER WITH MINIMUM ¾” X 1” WRITEABLE AREA.
- THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR ADA REQUIREMENTS FOR CLEAR WIDTH OF SIDEWALK, AND SHALL COMPLY WITH BDE CHAPTER 17-4.04 AND PROWAG R301.3.1.
- THE CONTRACTOR SHALL USE A STANDARD FOUNDATION WHENEVER POSSIBLE. WHEN UTILITY CONFLICT PROHIBITS USE OF STANDARD FOUNDATION THE CONTRACTOR MAY USE AN OFFSET FOUNDATION AT THE DIRECTION OF THE ENGINEER.

ABBREVIATIONS

A	AMPS	HH	HAND HOLE
BOC	BACK OF CURB	HPS	HIGH PRESSURE SODIUM
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
DIA	DIAMETER	RGS	RIGID GALVANIZED STEEL
FT	FOOT	ROW	RIGHT OF WAY
FOC	FACE OF CURB	STA	STATION
GND	GROUND	V	VOLTS
HD	HEAVY DUTY	W	WATTS
HDPE	HIGH DENSITY POLYETHYLENE		

CITY OF CHICAGO LIGHTING GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE CITY OF CHICAGO BEFORE THE START OF WORK, ANY COST FOR THE PERMIT SHALL BE INCLUDED IN THE COST OF THE OVERALL CONTRACT.
- PRIOR TO PERFORMING ANY ELECTRICAL WORK THE CONTRACTOR SHALL REQUEST AN INSPECTION AND MAINTENANCE TRANSFER OF THE EXISTING LIGHTING SYSTEM, A MINIMUM OF 5 DAYS, FROM THE CITY OF CHICAGO INSPECTION SERVICES. CONTACT MR. HENRY YAU AT (312) 744-3600.
- THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY EQUIPMENT. FOR THE LOCATIONS OF THE UTILITIES, CALL CHICAGO UTILITY ALERT NETWORK (CUAN) AT (312) 744-7000 AND CITY OF CHICAGO OFFICE OF UNDERGROUND COORDINATION.
- BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL COM ED FOR LOCATION APPROVAL.
- THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED.
- ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY THE CONTRACT DRAWINGS AND/OR APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE INSPECTOR AND/OR ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS, AS PREPARED BY IDOT (HEREWITH REFERRED TO AS THE STANDARD SPECIFICATIONS)
 - THE NATIONAL ELECTRIC CODE
 - MUNICIPAL CODE AND STANDARDS
 - THE CHICAGO ELECTRICAL CODE
 - COM ED STANDARDS AND REQUIREMENTS
 - CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS (DEO) STANDARD DRAWINGS AND SPECIFICATIONS.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO SHOW ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS IS TO ILLUSTRATE THE CONCEPTUAL DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS, BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
- NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER AND CHICAGO DEPARTMENT, DIVISION OF ENGINEERING, ELECTRICAL SECTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH COM ED, OFFICE OF PUBLIC SAFETY AND ADMINISTRATION, CDOT AND IDOT (AS REQUIRED).
- THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY CONTROLLER, POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE MECHANICALLY FASTENED, WHITE PLASTIC OR NYLON, WITH A WRITE-ON AREA TO INDICATE CIRCUIT IDS.
- CONDUITS INSTALLED IN TRENCH SHALL AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. IF THE CONTRACTOR MUST INCREASE THE TRENCH DEPTH TO AVOID CONFLICTS, THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONDUIT. IN THE EVENT A TRENCH CANNOT BE EXCAVATED TO A MINIMUM DEPTH OF 30 INCHES THE CONTRACTOR MUST NOTIFY THE OWNER'S REPRESENTATIVE AND AWAIT WRITTEN DIRECTION ON HOW TO PROCEED.
- THE QUANTITIES OF CONDUIT AND WIRING INDICATED ON THE DRAWINGS ARE APPROXIMATIONS. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS OF PROPOSED CONDUIT AND WIRING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE.
- THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.
- CONTRACTOR SHALL USE A STANDARD METAL HELIX FOUNDATION WHEREVER POSSIBLE. IF UTILITY CONFLICTS PROHIBIT THE USE OF A METAL HELIX FOUNDATION, THE CONTRACTOR SHALL CONSULT WITH INSPECTOR AND ENGINEER PRIOR TO THE USE OF AN OFFSET FOUNDATION.
- CONTRACTOR SHALL REMOVE ANY DEBRIS AND WATER LOCATED WITHIN EXISTING HAND HOLES AND MANHOLES PRIOR TO DRILLING/CORING STRUCTURE. EXISTING CABLES SHALL BE GROUPED, LABELED AND COILED ON EXISTING CABLE HOOKS. CONTRACTOR SHALL FURNISH AND INSTALL NEW CABLE RACKS AND HOOKS AS REQUIRED TO FACILITATE NEW CABLE INSTALLATION, WHICH SHALL BE INCLUDED IN THE COST OF THE CABLE.
- THE CONTRACTOR SHALL REFER TO THE TRAFFIC SIGNAL DRAWINGS FOR TRAFFIC SIGNAL AND CONTROL WORK AFFECTED BY PROPOSED STREET LIGHTING IMPROVEMENTS.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES, CONTROLLERS AND HANDHOLES/MANHOLES FOR EXAMINATION BY THE INSPECTOR AND ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITIES SHALL BE LOCATED PRIOR TO MARKING PROPOSED LIGHTING EQUIPMENT LOCATIONS.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO FULL SIZE SETS OF RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. ONE COPY SHALL BE PRINTED ON VELLUM AND SUBMITTED TO DEO. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATION OF ALL LIGHT POLES, UNDERGROUND CONDUIT/WIRING, HANDHOLES AND CONTROL CABINETS. HAND DRAWINGS SHALL NOT BE ALLOWED. REVISIONS TO CONSTRUCTION DRAWINGS SHALL BE MADE IN CAD, OR SIMILAR PROGRAM, AND PLOTTED ON BOND/VELLUM PAPER. RECORD DRAWINGS SHALL BE REVIEWED BY THE ENGINEER.
- UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE STANDARD SPECIFICATIONS AND CDOT REQUIREMENTS. ALL ELECTRICAL TESTING SHALL BE PERFORMED IN THE PRESENCE OF THE INSPECTOR, ENGINEER AND DEO.

VILLAGE OF LINCOLNWOOD LIGHTING BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2” DIA.	FOOT	120
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2” DIA.	FOOT	195
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4” DIA.	FOOT	1785
HANDHOLE, COMPOSITE CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	13105
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	400
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
LIGHTING UNIT COMPLETE (SPECIAL)	EACH	10
LIGHT POLE FOUNDATION, 24” DIAMETER, SPECIAL	FOOT	50
LIGHT POLE FOUNDATION, 24” DIAMETER, OFFSET	FOOT	70

CITY OF CHICAGO LIGHTING BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3” DIA.	FOOT	30
UNDERGROUND CONDUIT, PVC, 2” DIA.	FOOT	1375
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	190
LIGHT POLE, ALUMINUM, 35 FT. M.H., 15 FT. DAVIT ARM	EACH	10
LIGHT POLE FOUNDATION METAL, 15” BOLT CIRCLE, 8 5/8” X 7”	EACH	7
REMOVAL OF POLE FOUNDATION	EACH	15
PVC CONDUIT IN TRENCH, 3” (SCHEDULE #40)	FOOT	35
PVC CONDUIT IN TRENCH, 2” (SCHEDULE 40)	FOOT	290
CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	1825
LUMINAIRE (SPECIAL)	EACH	10
LUMINAIRE, LED, SPECIAL	EACH	10
TRENCH AND BACKFILL WITH SCREENINGS	FOOT	1760
ELECTRIC SERVICE INSTALLATION (SPECIAL)	EACH	1
ELECTRICAL SERVICE CONNECTION	L SUM	1
HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	1
LIGHTING CONTROLLER (SPECIAL)	EACH	1
LIGHTING CONTROLLER FOUNDATION	EACH	1
LIGHT POLE FOUNDATION (SPECIAL)	FOOT	48
MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	L SUM	1
REMOVE EXISTING LIGHTING SYSTEM	L SUM	1

CAUTION NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

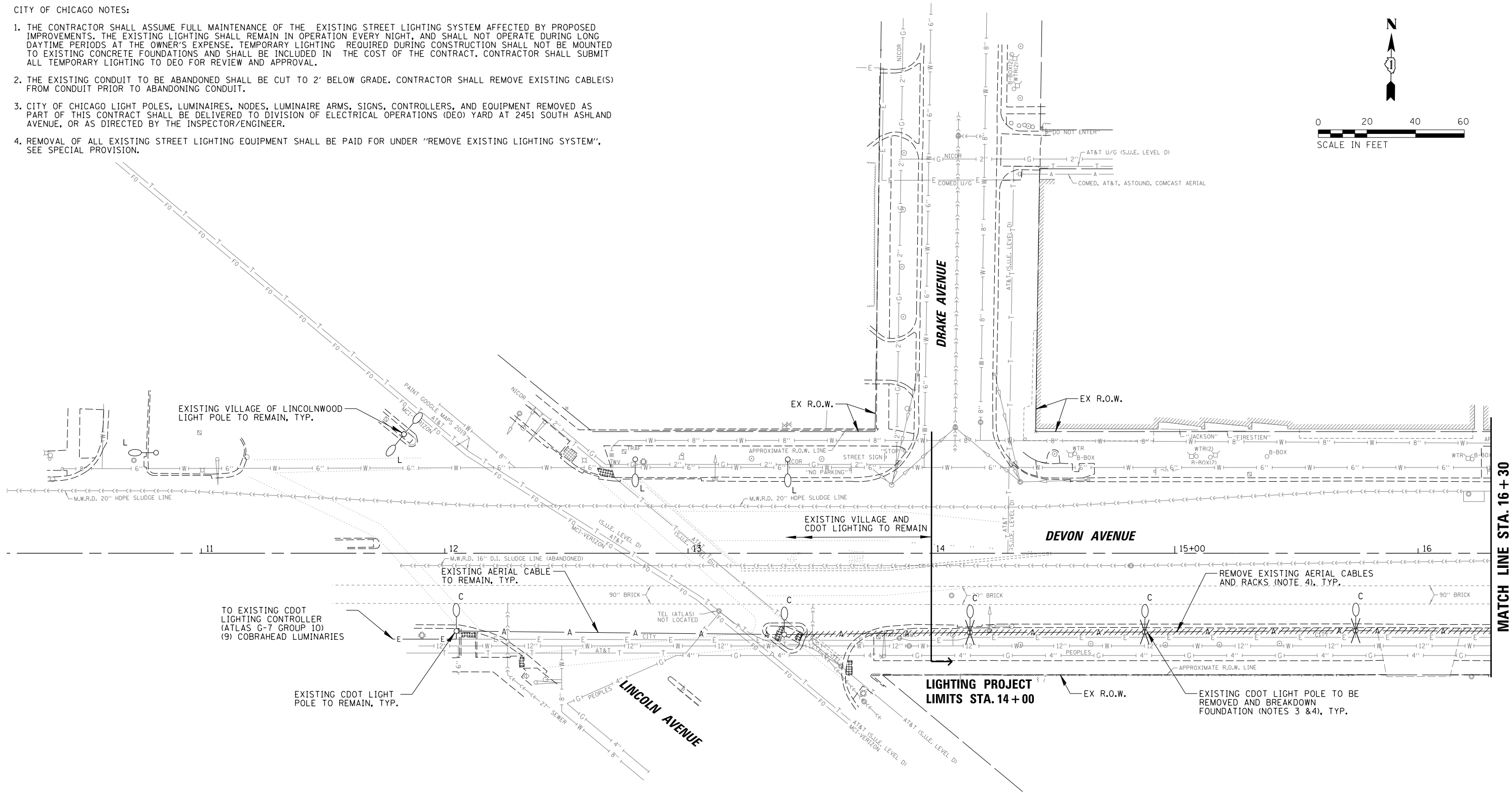
THE VILLAGE OF LINCOLNWOOD WILL OWN AND MAINTAIN THE PROPOSED LIGHTING ON THE NORTH SIDE OF DEVON AVENUE.

THE CITY OF CHICAGO WILL OWN AND MAINTAIN THE PROPOSED LIGHTING ON THE SOUTH SIDE OF DEVON AVENUE.

FILE NAME = N:\LINCOLNWOOD\140090\C1401\Mech\GN\140090.C1401.01.sht Default	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) LIGHTING GENERAL NOTES AND BILL OF MATERIALS	SCALE: NO SCALE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20'	CHECKED - AJD	REVISED -						1349	16-00061-00-LS	COOK	167	110
	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -						CONTRACT NO. 61L92				
									ILLINOIS FED. AID PROJECT				

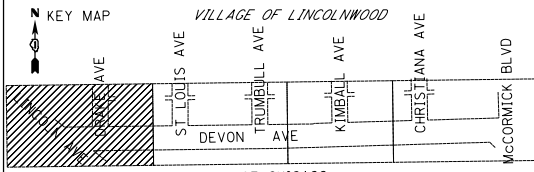
CITY OF CHICAGO NOTES:

1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, NODES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.
4. REMOVAL OF ALL EXISTING STREET LIGHTING EQUIPMENT SHALL BE PAID FOR UNDER "REMOVE EXISTING LIGHTING SYSTEM", SEE SPECIAL PROVISION.



LEGEND

- EXISTING VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD
- EXISTING CDOT STREET LIGHT STANDARD
- ITEM TO BE REMOVED



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	PLOT SCALE = 20'	DRAWN - RJJ	REVISED -
	PLOT DATE = 9/26/2025	CHECKED - AJD	REVISED -
		DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

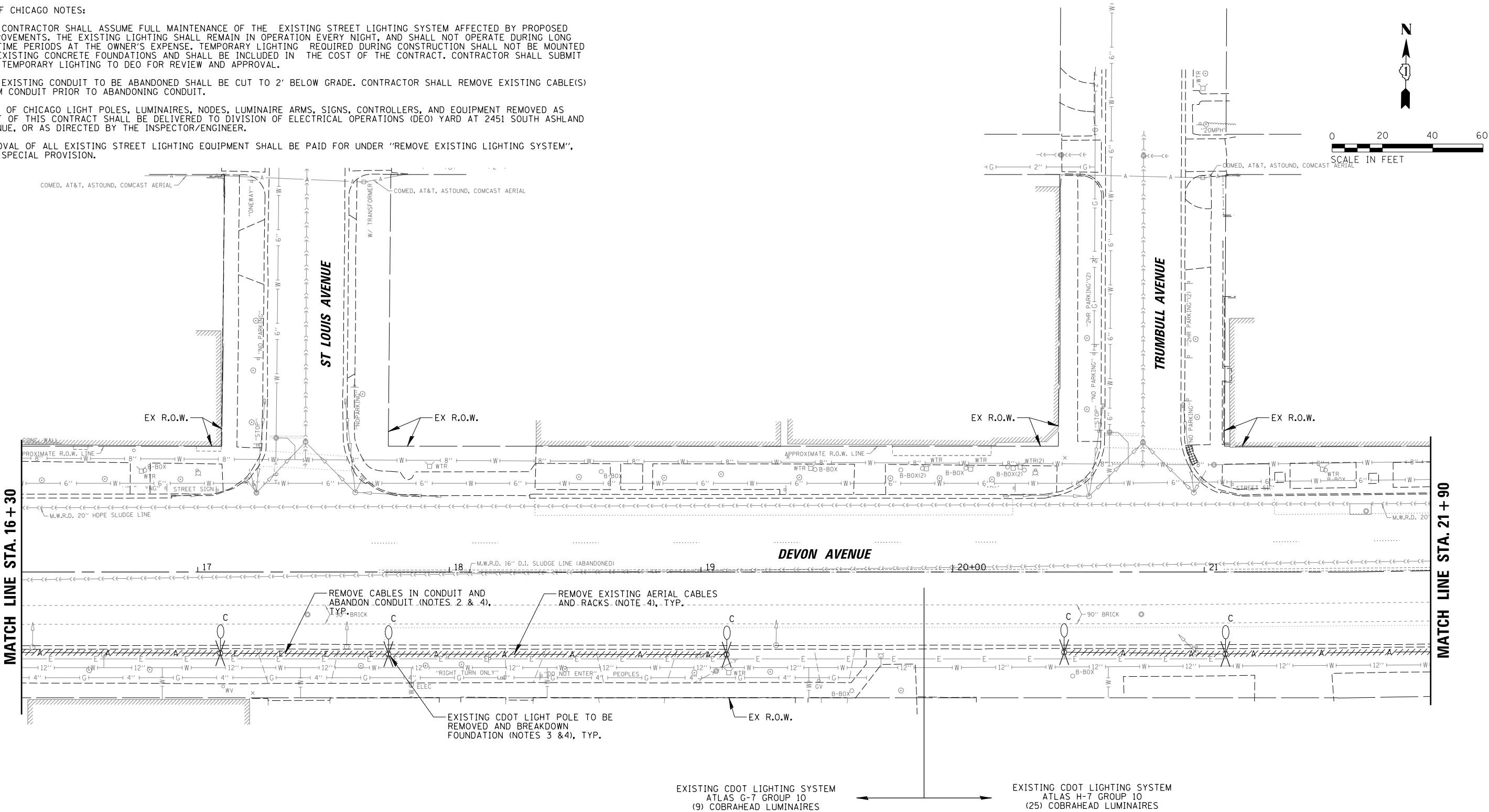
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO MCCORMICK BLVD)
REMOVAL LIGHTING PLAN (1 OF 4)

SCALE: 20' SHEET 1 OF 4 SHEETS STA. 11+00 TO STA. 16+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	111
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

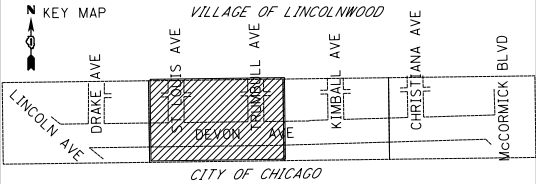
CITY OF CHICAGO NOTES:

1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, NODES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.
4. REMOVAL OF ALL EXISTING STREET LIGHTING EQUIPMENT SHALL BE PAID FOR UNDER "REMOVE EXISTING LIGHTING SYSTEM", SEE SPECIAL PROVISION.



LEGEND

- EXISTING VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD
- EXISTING CDOT STREET LIGHT STANDARD
- ITEM TO BE REMOVED



FILE NAME =	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -
N:\LINCOLNWOOD\140090\C1401\Mech\REM_140090.C1401.02.sht		DRAWN - RJJ	REVISED -
	PLOT SCALE = 20'	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

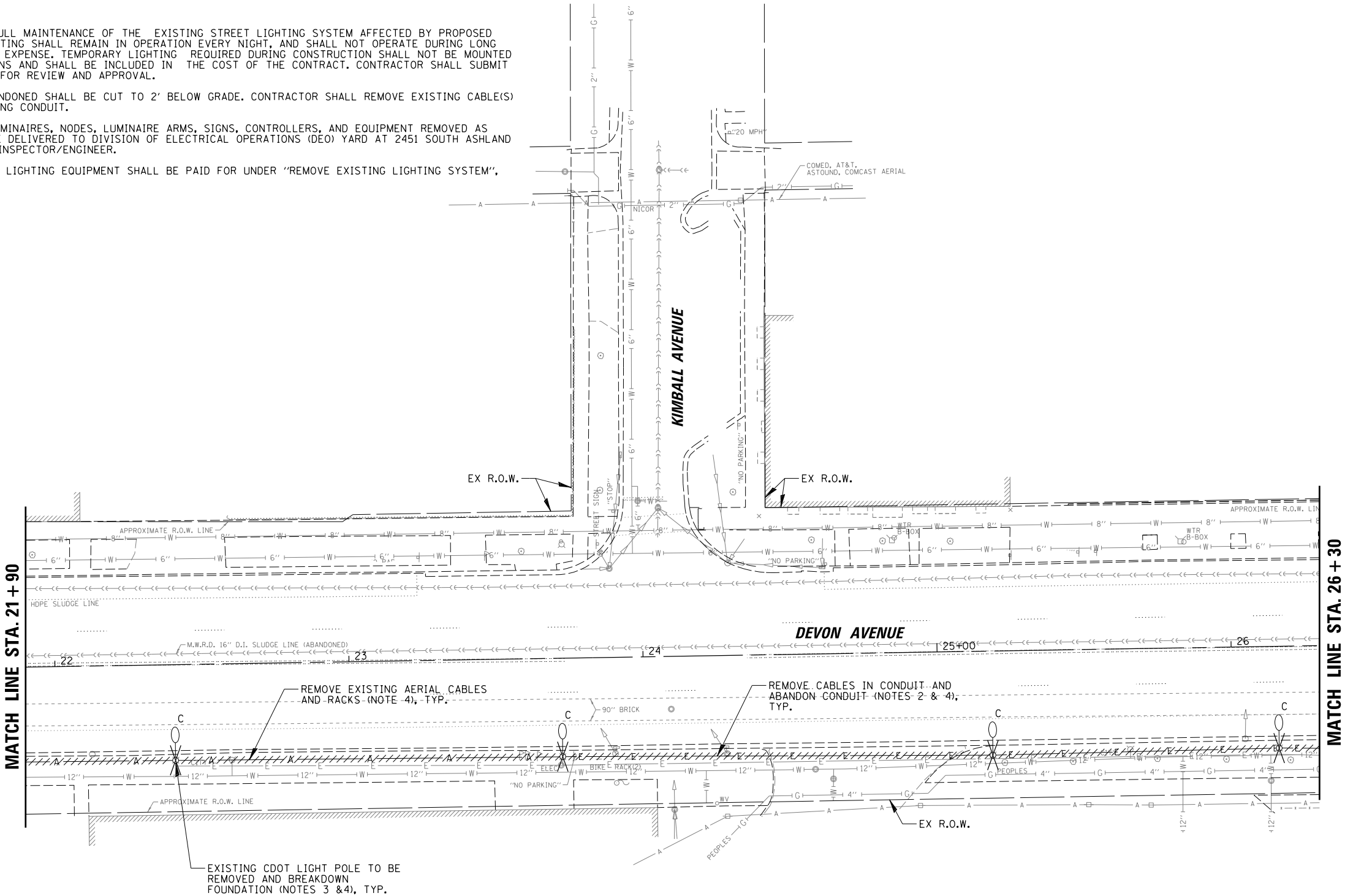
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO MCCORMICK BLVD)
REMOVAL LIGHTING PLAN (2 OF 4)

SCALE: 20' SHEET 2 OF 4 SHEETS STA. 16+30 TO STA. 21+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	112
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

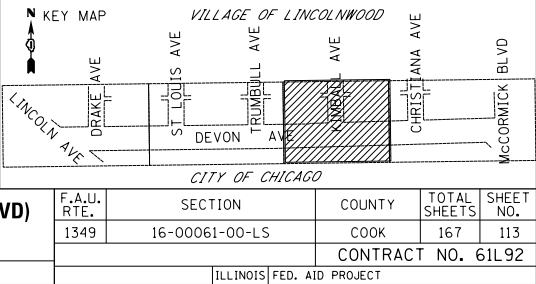
CITY OF CHICAGO NOTES:

1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, NODES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.
4. REMOVAL OF ALL EXISTING STREET LIGHTING EQUIPMENT SHALL BE PAID FOR UNDER "REMOVE EXISTING LIGHTING SYSTEM", SEE SPECIAL PROVISION.



LEGEND

- EXISTING VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD
- EXISTING CDOT STREET LIGHT STANDARD
- ITEM TO BE REMOVED



FILE NAME = N:\LINCOLNWOOD\140090\C1401\Mech\REM_140090.C1401.03.sht Default	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -
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		CHECKED - AJD	REVISED -
		DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

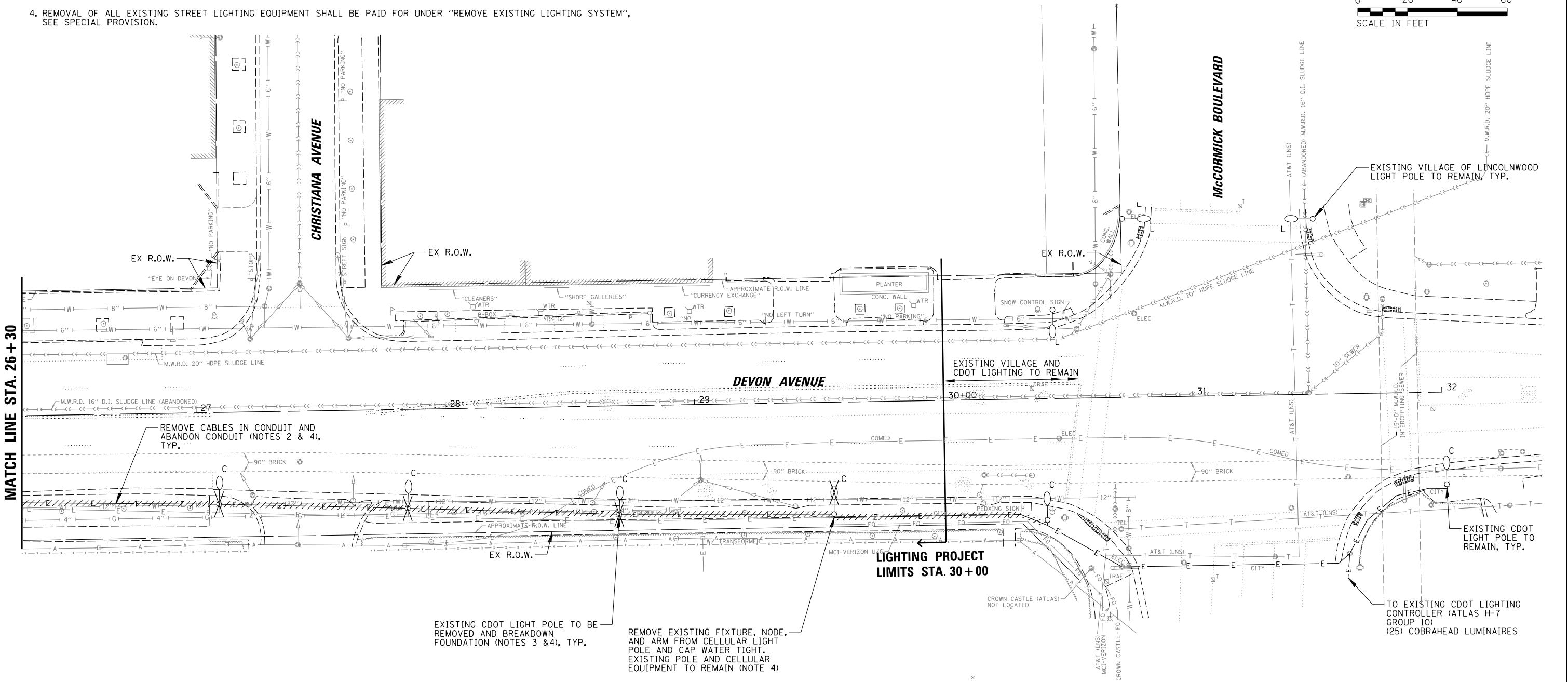
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO MCCORMICK BLVD)
REMOVAL LIGHTING PLAN (3 OF 4)

SCALE: 20' SHEET 3 OF 4 SHEETS STA. 21+90 TO STA. 26+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	113
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

CITY OF CHICAGO NOTES:

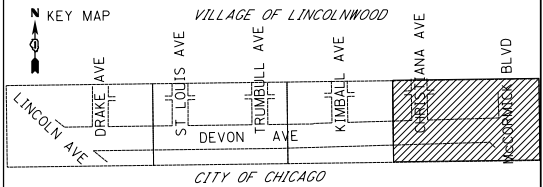
1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, NODES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.
4. REMOVAL OF ALL EXISTING STREET LIGHTING EQUIPMENT SHALL BE PAID FOR UNDER "REMOVE EXISTING LIGHTING SYSTEM", SEE SPECIAL PROVISION.



MATCH LINE STA. 26 + 30

LEGEND

- EXISTING VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD
- EXISTING CDOT STREET LIGHT STANDARD
- ITEM TO BE REMOVED



FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

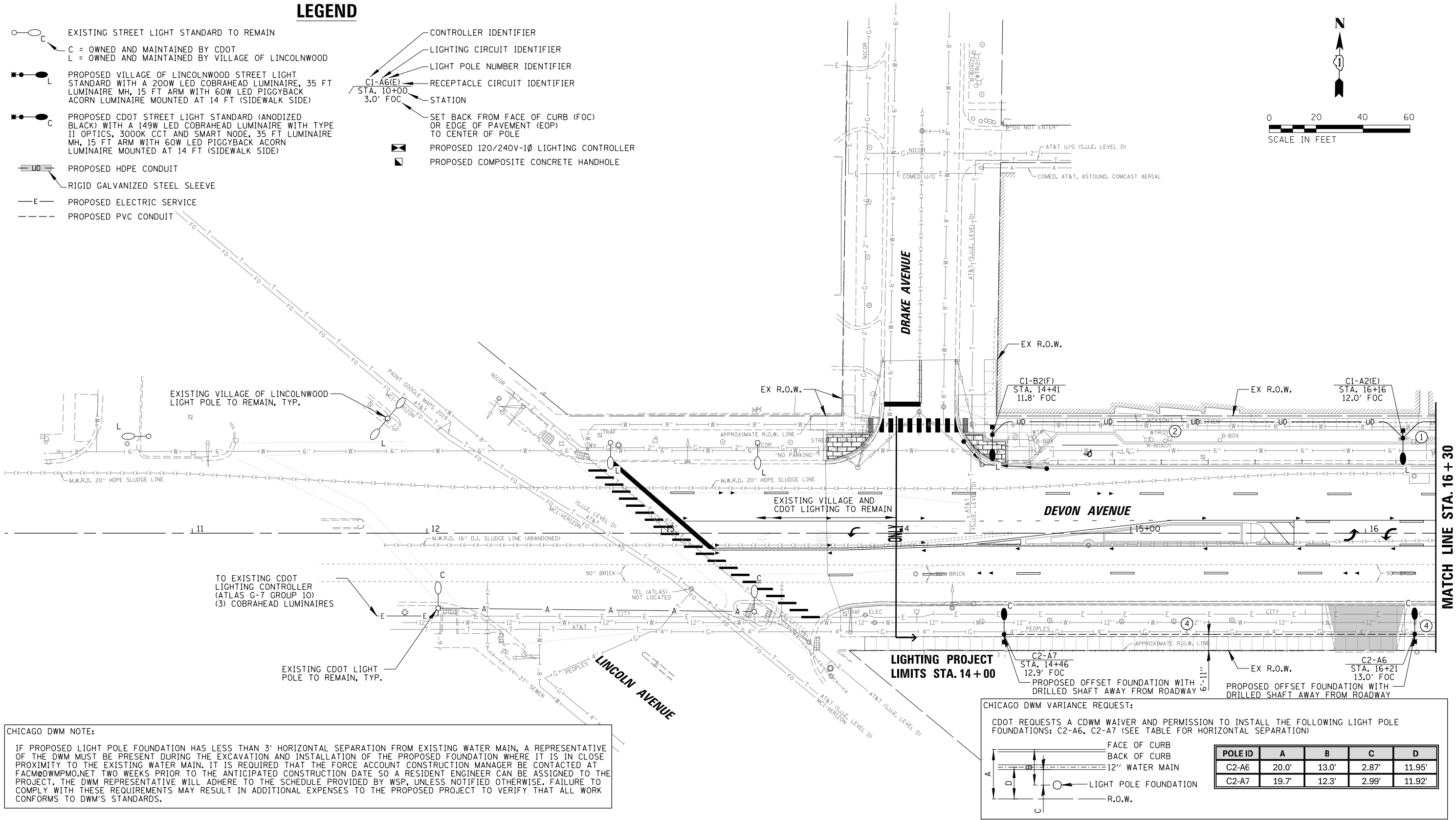
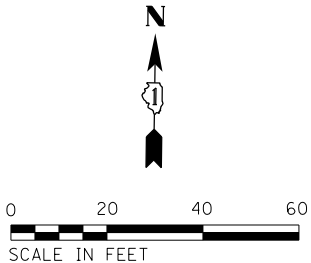
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO MCCORMICK BLVD)
REMOVAL LIGHTING PLAN (4 OF 4)

SCALE: 20' SHEET 4 OF 4 SHEETS STA. 26+30 TO STA. 29+61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	114
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

LEGEND

- EXISTING STREET LIGHT STANDARD TO REMAIN
- C = OWNED AND MAINTAINED BY CDOT
L = OWNED AND MAINTAINED BY VILLAGE OF LINCOLNWOOD
- PROPOSED VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD WITH A 200W LED COBRAHEAD LUMINAIRE, 35 FT LUMINAIRE MH, 15 FT ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14 FT (SIDEWALK SIDE)
- PROPOSED CDOT STREET LIGHT STANDARD (ANODIZED BLACK) WITH A 149W LED COBRAHEAD LUMINAIRE WITH TYPE II OPTICS, 3000K CCT AND SMART NODE, 35 FT LUMINAIRE MH, 15 FT ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14 FT (SIDEWALK SIDE)
- PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE
- PROPOSED ELECTRIC SERVICE
- PROPOSED PVC CONDUIT
- CONTROLLER IDENTIFIER
- LIGHTING CIRCUIT IDENTIFIER
- LIGHT POLE NUMBER IDENTIFIER
- RECEPTACLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM FACE OF CURB (FOC) OR EDGE OF PAVEMENT (EOP) TO CENTER OF POLE
- PROPOSED 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED COMPOSITE CONCRETE HANDHOLE



CHICAGO DWM NOTE:

IF PROPOSED LIGHT POLE FOUNDATION HAS LESS THAN 3' HORIZONTAL SEPARATION FROM EXISTING WATER MAIN, A REPRESENTATIVE OF THE DWM MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION OF THE PROPOSED FOUNDATION WHERE IT IS IN CLOSE PROXIMITY TO THE EXISTING WATER MAIN. IT IS REQUIRED THAT THE FORCE ACCOUNT CONSTRUCTION MANAGER BE CONTACTED AT FACM@DWMPMO.NET TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A RESIDENT ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE DWM REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY WSP, UNLESS NOTIFIED OTHERWISE. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.

CHICAGO DWM VARIANCE REQUEST:

CDOT REQUESTS A CDWM WAIVER AND PERMISSION TO INSTALL THE FOLLOWING LIGHT POLE FOUNDATIONS: C2-A6, C2-A7 (SEE TABLE FOR HORIZONTAL SEPARATION)

POLE ID	A	B	C	D
C2-A6	20.0'	13.0'	2.87'	11.95'
C2-A7	19.7'	12.3'	2.99'	11.92'

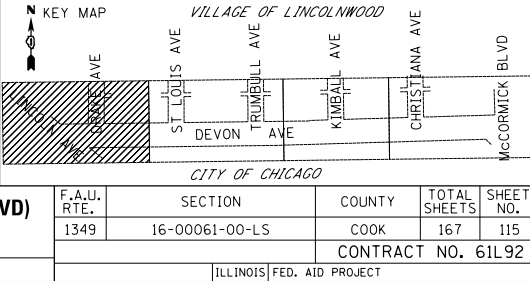
CONDUCTOR /CONDUIT SCHEDULE

- ① 6/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT

③ TRIPLEX CABLE (2/C #6 & 1/C #8 GND) IN 2" SCH40 PVC CONDUIT
- ② 3/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT

④ TRIPLEX CABLE (2/C #6 & 1/C #8 GND) IN 2" SCH80 PVC CONDUIT
- ⑤ TWO SETS OF TRIPLEX CABLE (4/C #6 & 2/C #8 GND) IN 3" SCH40 PVC CONDUIT

- CITY OF CHICAGO NOTES:
- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS & DRIVEWAYS SHALL BE SCHEDULE 80 PVC CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS & SIDEWALKS SHALL BE SCHEDULE 40 PVC CONDUIT.
 - CONDUIT SHALL BE PVC AND INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT SHALL BE DIRECTIONALLY BORED IF WITHIN 12' OF ANY EXISTING TREE TRUNK.
 - CONDUITS SHALL BE LOCATED A MINIMUM OF 3' FROM THE FACE OF EXISTING WATER MAIN, OR AS DIRECTED BY THE INSPECTOR.
 - MAINTAIN A MINIMUM OF 5' BETWEEN FACE OF EXISTING TREE AND FACE OF CONCRETE FOUNDATIONS FOR ELECTRICAL EQUIPMENT.



FILE NAME =	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -
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	PLOT SCALE = 20'	CHECKED - AJD	REVISED -
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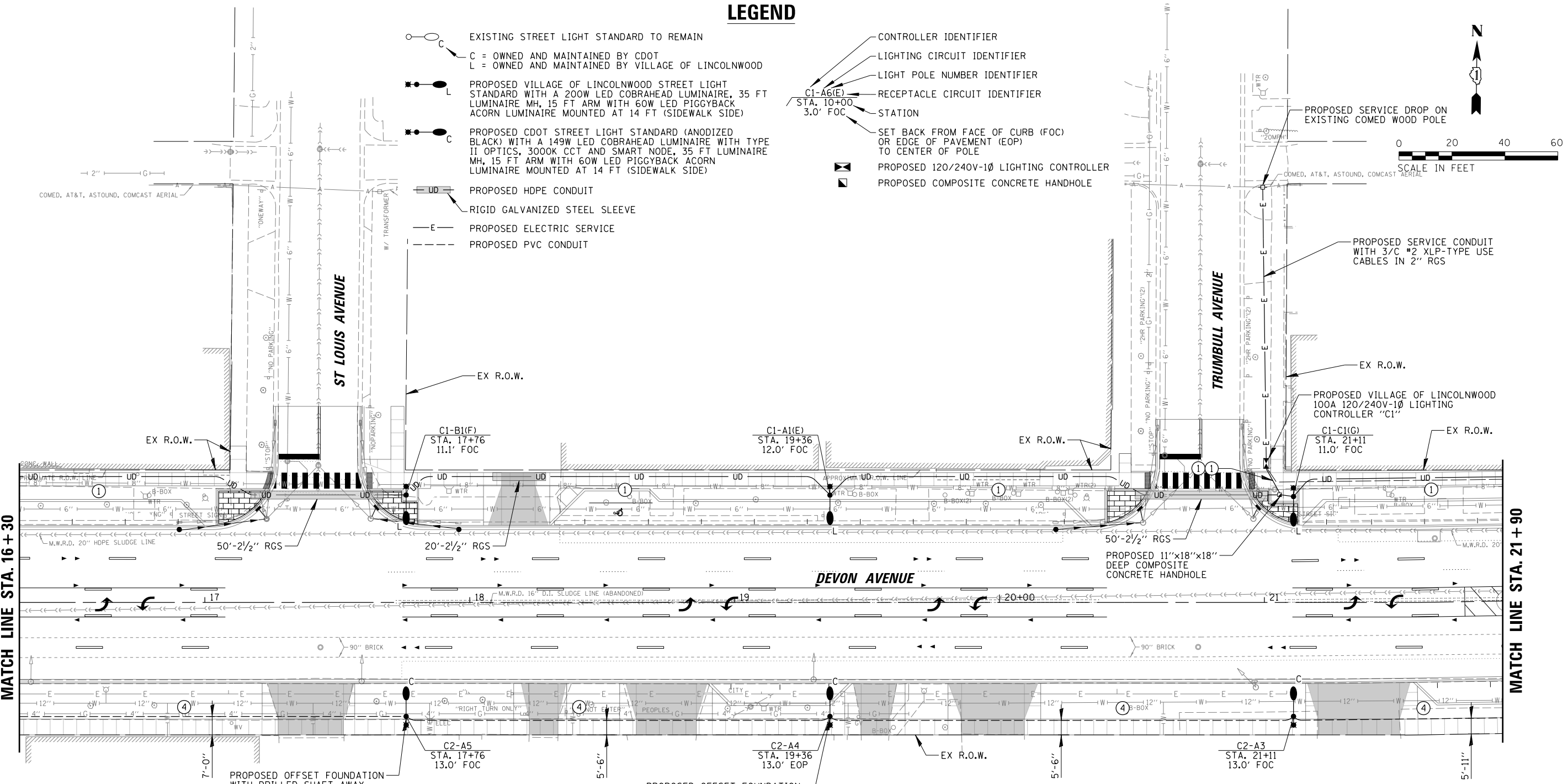
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
PROPOSED LIGHTING PLAN (1 OF 4)

SCALE: 20' SHEET 1 OF 4 SHEETS STA. 11+00 TO STA. 16+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	115
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

LEGEND



CHICAGO DWM NOTE:

IF PROPOSED LIGHT POLE FOUNDATION HAS LESS THAN 3' HORIZONTAL SEPARATION FROM EXISTING WATER MAIN, A REPRESENTATIVE OF THE DWM MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION OF THE PROPOSED FOUNDATION WHERE IT IS IN CLOSE PROXIMITY TO THE EXISTING WATER MAIN. IT IS REQUIRED THAT THE FORCE ACCOUNT CONSTRUCTION MANAGER BE CONTACTED AT FACM@DWMPO.NET TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A RESIDENT ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE DWM REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY WSP, UNLESS NOTIFIED OTHERWISE. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.

CHICAGO DWM VARIANCE REQUEST:

CDOT REQUESTS A CDWM WAIVER AND PERMISSION TO INSTALL THE FOLLOWING LIGHT POLE FOUNDATIONS: C2-A3, C2-A4, C2-A5 (SEE TABLE FOR HORIZONTAL SEPARATION)

POLE ID	A	B	C	D
C2-A3	20.0'	13.0'	3.58'	12.59'
C2-A4	20.0'	13.0'	2.92'	11.99'
C2-A5	20.0'	13.0'	2.90'	11.97'

CONDUCTOR /CONDUIT SCHEDULE

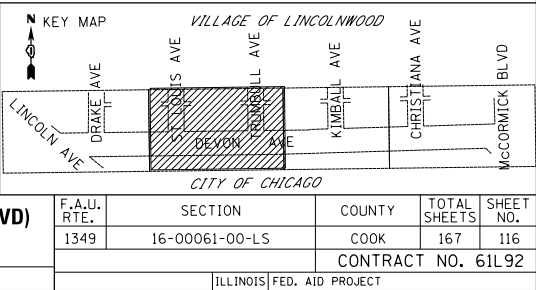
- ① 6/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT

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- ③ TRIPLEX CABLE (2/C #6 & 1/C #8 GND) IN 2" SCH40 PVC CONDUIT

④ TRIPLEX CABLE (2/C #6 & 1/C #8 GND) IN 2" SCH80 PVC CONDUIT

⑤ TWO SETS OF TRIPLEX CABLE (4/C #6 & 2/C #8 GND) IN 3" SCH40 PVC CONDUIT

- CITY OF CHICAGO NOTES:
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 - MAINTAIN A MINIMUM OF 5' BETWEEN FACE OF EXISTING TREE AND FACE OF CONCRETE FOUNDATIONS FOR ELECTRICAL EQUIPMENT.



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	PLOT SCALE = 20'	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
PROPOSED LIGHTING PLAN (2 OF 4)

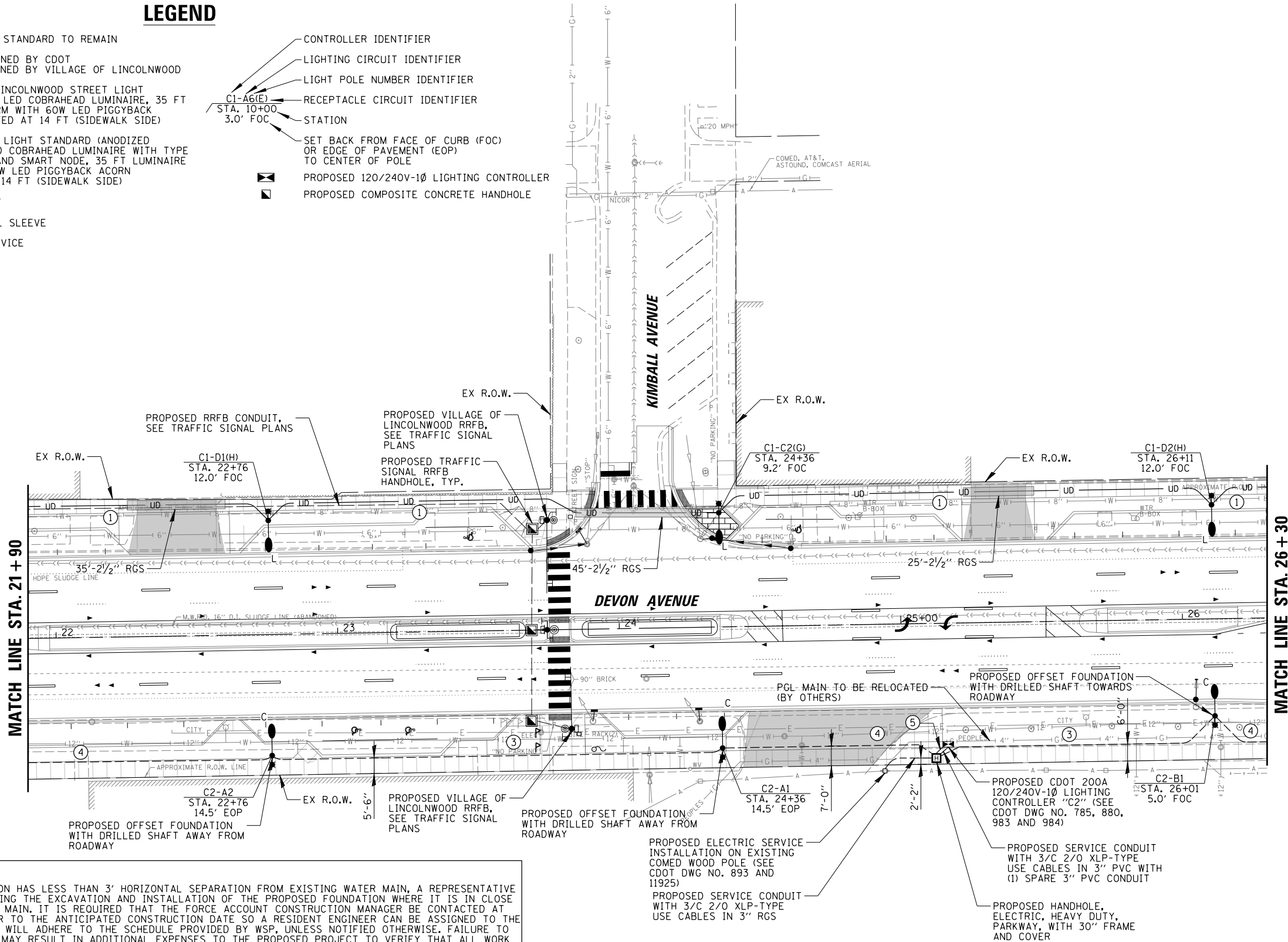
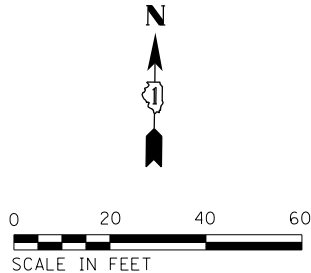
SCALE: 20' SHEET 2 OF 4 SHEETS STA. 16+30 TO STA. 21+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	116
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

LEGEND

- EXISTING STREET LIGHT STANDARD TO REMAIN
C = OWNED AND MAINTAINED BY CDOT
L = OWNED AND MAINTAINED BY VILLAGE OF LINCOLNWOOD
- PROPOSED VILLAGE OF LINCOLNWOOD STREET LIGHT STANDARD WITH A 200W LED COBRAHEAD LUMINAIRE, 35 FT LUMINAIRE MH, 15 FT ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14 FT (SIDEWALK SIDE)
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- PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE
- PROPOSED ELECTRIC SERVICE
- PROPOSED PVC CONDUIT

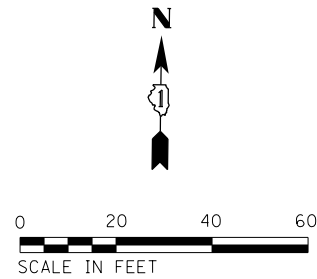
- CONTROLLER IDENTIFIER
- LIGHTING CIRCUIT IDENTIFIER
- LIGHT POLE NUMBER IDENTIFIER
- RECEPTACLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM FACE OF CURB (FOC) OR EDGE OF PAVEMENT (EOP) TO CENTER OF POLE
- PROPOSED 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED COMPOSITE CONCRETE HANDHOLE



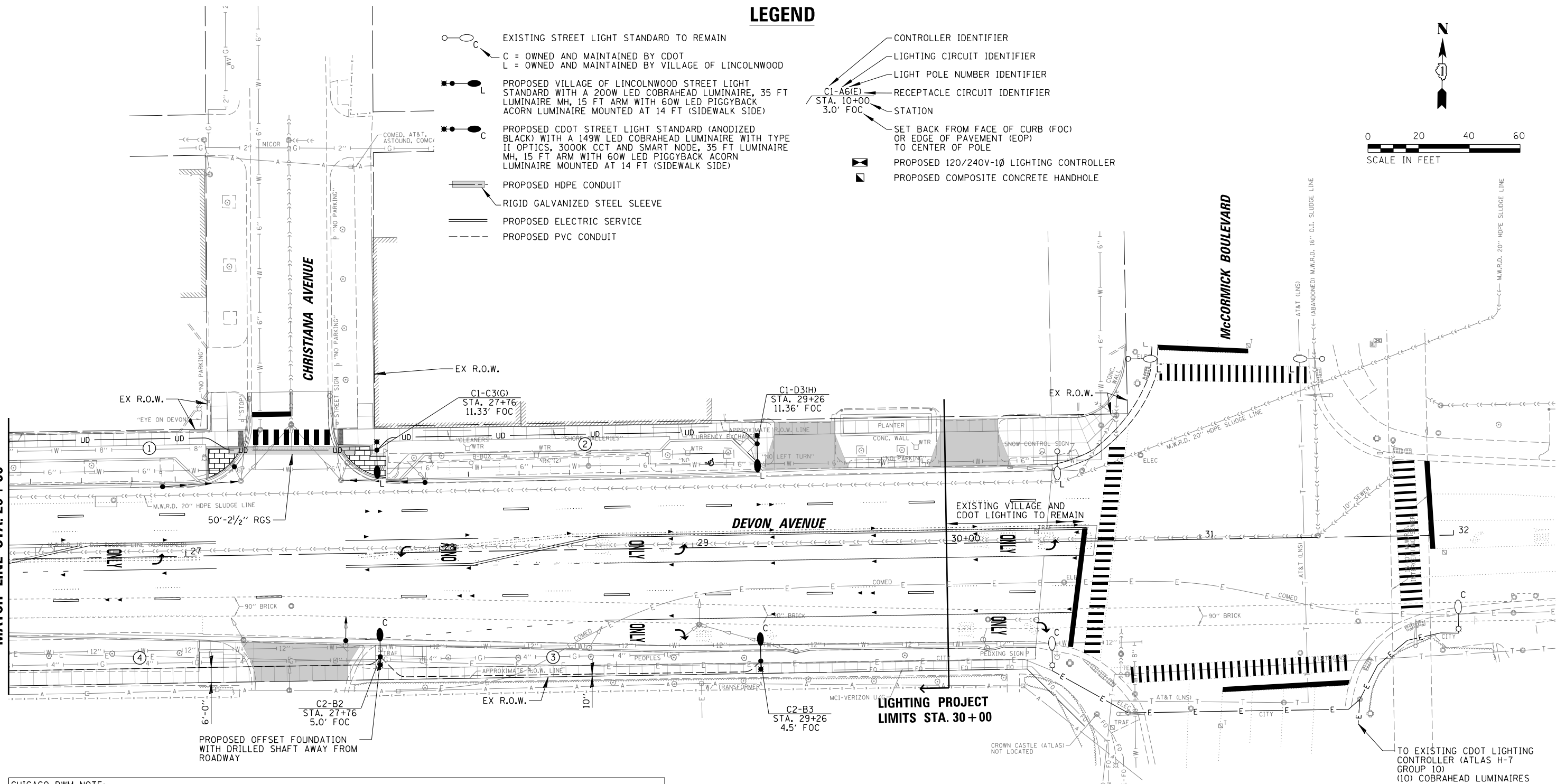
LEGEND

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MATCH LINE STA. 26 + 30



CHICAGO DWM NOTE:

IF PROPOSED LIGHT POLE FOUNDATION HAS LESS THAN 3' HORIZONTAL SEPARATION FROM EXISTING WATER MAIN, A REPRESENTATIVE OF THE DWM MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION OF THE PROPOSED FOUNDATION WHERE IT IS IN CLOSE PROXIMITY TO THE EXISTING WATER MAIN. IT IS REQUIRED THAT THE FORCE ACCOUNT CONSTRUCTION MANAGER BE CONTACTED AT FACM@DWMPMO.NET TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A RESIDENT ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE DWM REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY WSP, UNLESS NOTIFIED OTHERWISE. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.

CONDUCTOR /CONDUIT SCHEDULE

- ① 6/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT
- ② 3/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT
- ③ TRIPLEX CABLE (2/C #6 & 1/C #8 GND) IN 2" SCH40 PVC CONDUIT
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- ⑤ TWO SETS OF TRIPLEX CABLE (4/C #6 & 2/C #8 GND) IN 3" SCH40 PVC CONDUIT

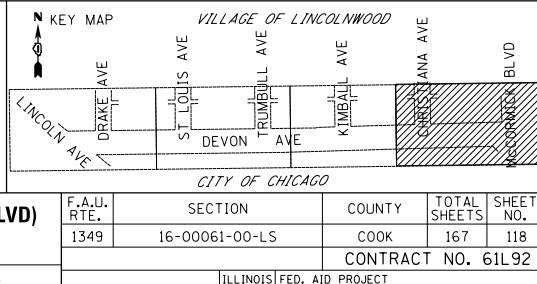
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4. MAINTAIN A MINIMUM OF 5' BETWEEN FACE OF EXISTING TREE AND FACE OF CONCRETE FOUNDATIONS FOR ELECTRICAL EQUIPMENT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
PROPOSED LIGHTING PLAN (4 OF 4)

SCALE: 20' SHEET 4 OF 4 SHEETS STA. 26+30 TO STA. 29+61



ITEM	SPECIFICATION
① MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
⑥ CABINET LIGHT	5 WATT LED STRIP LIGHT, 60K HOUR RATING, 65K COLOR TEMPERATURE, DOOR SWITCH CONTROLLED, FASTENED TO TOP OF CABINET
⑦ CONTACTOR	100 AMPERE, 2P, 120V COIL, MECHANICALLY HELD
⑧ BRANCH LINE CIRCUIT BREAKERS	(7) 20A, 2P, 240V RATING, 10KAIC
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQ'D, 10KAIC
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. #2
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12
⑫ CONTROL WIRE	2-600V XLP NO. 12
⑬ SURGE ARRESTOR	10 K AMPERE RATING
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
⑰ PHOTOCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
⑱ TERMINAL BLOCK	3 TERMINAL, SCREW TYPE, MAX. #10 WIRE SIZE
⑲ CIRCUIT BREAKER DIST. BLOCKS	30A, 600V, 10 KAIC - WIRE RANGE: LINE SIDE LUG (1) #2/0-#14 AWG, LOAD SIDE LUGS (2) #4-#14 AWG
⑳ RRFB CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC

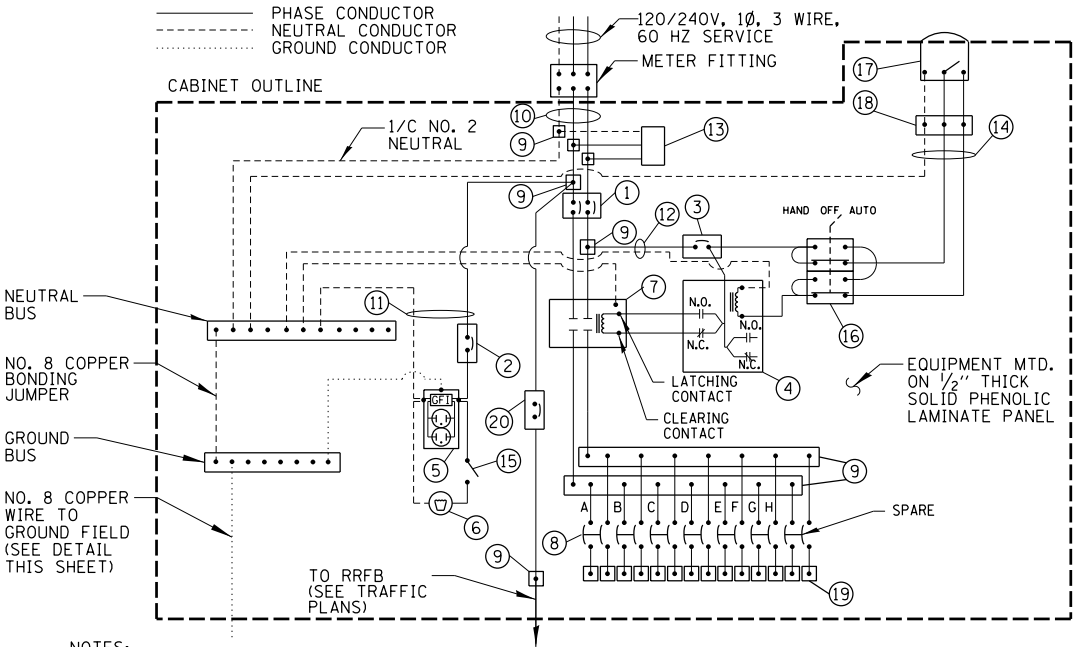
NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."
- THE MAIN CIRCUIT BREAKER ,LAMPHOLDER, AND RRFB CIRCUIT BREAKER SHALL BE LABELED "SERVICE DISCONNECT".
- ALL SWITCHES AND CONTROLS SHALL BE IDENTIFIED USING TWO COLOR ENGRAVED NAMEPLATES.
- THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.
- ALL EXPOSED BUS BARS SHALL BE INSULATED.
- ALL WIRING SHALL BE COPPER.

PROPOSED LIGHTING CONTROLLER "C1" COMPONENT SCHEDULE

LIGHTING CONTROLLER 1 CIRCUIT LOADS										
CIRCUIT ID	WIRE COLOR	200W PROPOSED ROADWAY LUMINAIRE		60W PROPOSED PEDESTRIAN LUMINAIRE		RRFB		FESTOON RECEPTACLE		TOTAL CIRCUIT LOAD (WATTS) AMPS (VOLTS)
		QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/FIXT. (WATTS)	
A	R	2	200 W	2	60 W	-	80 W	-	180 W	520 W 2.2 A (240V)
B	B	2	200 W	2	60 W	-	80 W	-	180 W	520 W 2.2 A (240V)
C	R	3	200 W	3	60 W	-	80 W	-	180 W	780 W 3.3 A (240V)
D	B	3	200 W	3	60 W	-	80 W	-	180 W	780 W 3.3 A (240V)
E	BL	-	200 W	-	60 W	-	80 W	2	180 W	360 W 3.0 A (120V)
F	O	-	200 W	-	60 W	-	80 W	2	180 W	360 W 3.0 A (120V)
G	BL	-	200 W	-	60 W	-	80 W	3	180 W	540 W 4.5 A (120V)
H	O	-	200 W	-	60 W	-	80 W	3	180 W	540 W 4.5 A (120V)
I	B	-	200 W	-	N/A	3	80 W	-	180 W	240 W 2.0 A (120V)
TOTAL	-	10	N/A	10	N/A	3	N/A	10	N/A	4,640 W 19.3 A (240V)

PROPOSED LIGHTING /ELECTRICAL CIRCUIT LOADS – C1

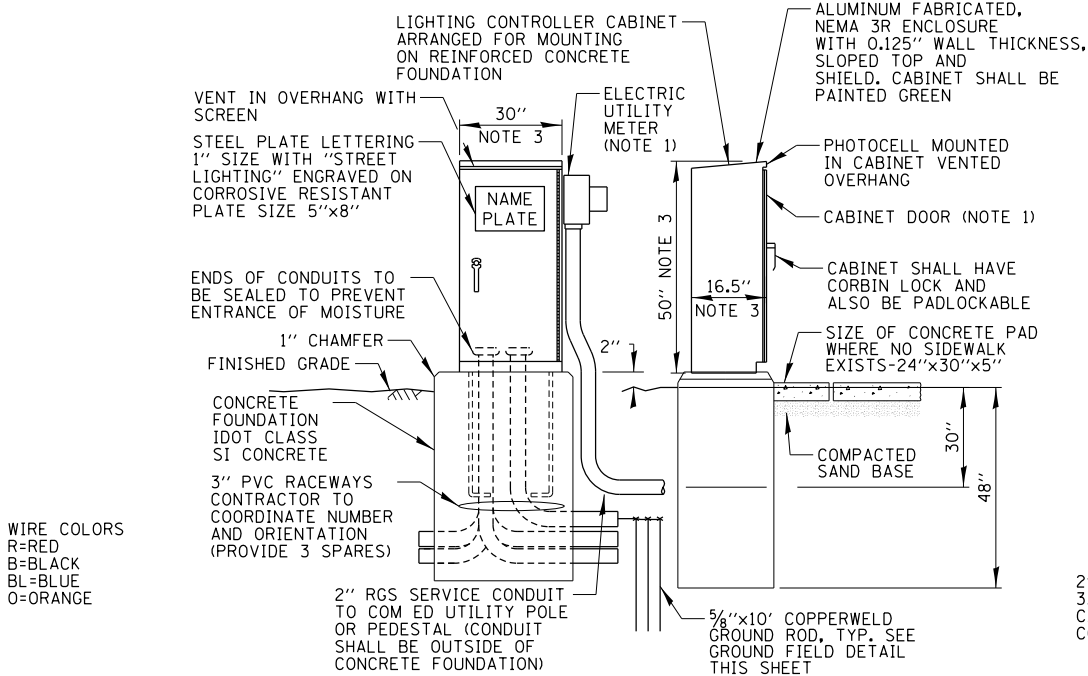


NOTES:

- ALL GROUND CONDUCTORS SHALL BE GREEN AND NEUTRAL CONDUCTORS SHALL BE WHITE. PHASE CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH SECTION 1066.02 OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL ONLY USE SOLID COLOR CODED INSULATIONS. COLOR STRIPPING OF PHASE CONDUCTORS SHALL NOT BE ALLOWED.
- IN ADDITION TO THE TERMINATIONS SHOWN, THE NEUTRAL AND GROUND BUS BARS SHALL EACH ACCOMMODATE A MINIMUM OF 8 ADDITIONAL TERMINATIONS (#2-#14).

PROPOSED LIGHTING CONTROLLER "C1" WIRING DETAIL

N.T.S.



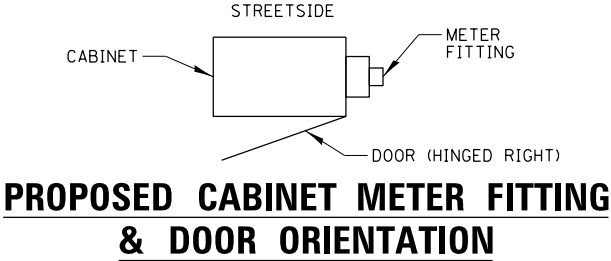
WIRE COLORS
R=RED
B=BLACK
BL=BLUE
O=ORANGE

NOTES:

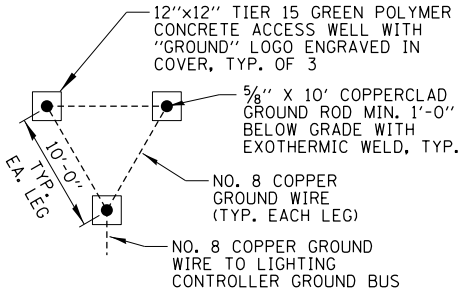
- SEE DETAIL THIS SHEET FOR CABINET METER FITTING & DOOR ORIENTATION. METER AND DISCONNECT SHALL BE CECHA APPROVED. METER FITTING AND SERVICE CONDUIT SHALL BE PAINTED BLACK.
- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION, ELECTRIC METER & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP", EXCEPT FOR THE SERVICE CONDUIT/WIRE WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE, CABINET SHALL BE AS COMPACT AS POSSIBLE, CONTRACTOR TO COORDINATE.

PROPOSED LIGHTING CONTROLLER "C1" CABINET AND FOUNDATION

N.T.S.

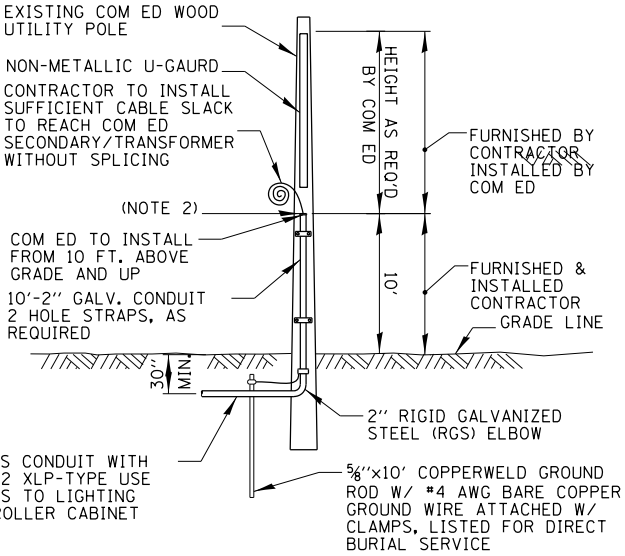


N.T.S.



GROUND FIELD DETAIL (TYP.)

N.T.S.



NOTES:

- ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
- CONTRACTOR SHALL PROVIDE CONDUIT BUSHING AND SEALING COMPOUND AT TOP OF RISER.
- ALL MATERIAL ABOVE (EXCEPT FOR POLE) SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION". THE HORIZONTAL SERVICE CONDUIT AND WIRING FROM POLE TO CONTROLLER SHALL BE PAID FOR SEPARATELY.

COM ED OVERHEAD CONNECTION POLE

N.T.S.

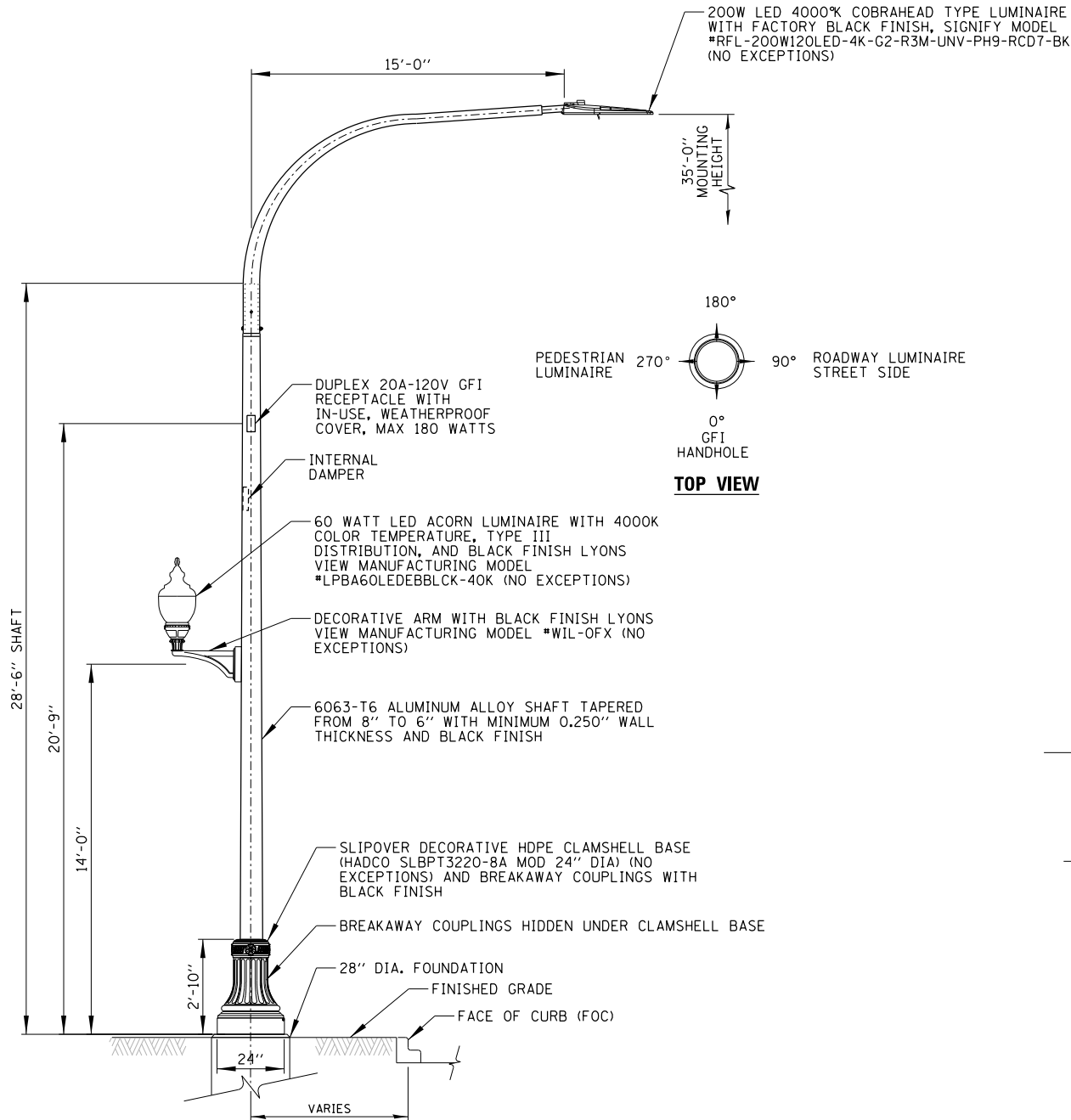
FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
N:\LINCOLNWOOD\140090\C1401\Mech\LD7_140090.C1401.01.sht		DRAWN - RJJ	REVISED -
	PLOT SCALE = 28"	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
VILLAGE OF LINCOLNWOOD LIGHTING DETAILS (1 OF 6)

SCALE: NO SCALE SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	119
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

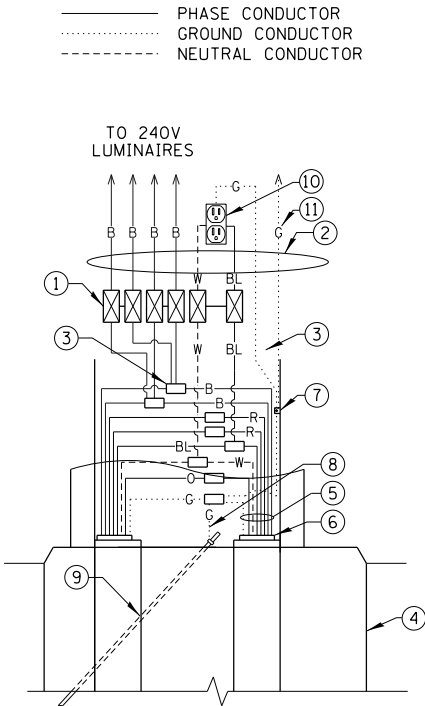


NOTES:

- ALL LIGHT POLES SHALL MEET WIND LOADING AND VIBRATION REQUIREMENTS ACCORDING TO THE LATEST AASHTO STANDARDS AND ARTICLE 1069.01 OF THE STANDARD SPECIFICATIONS, AS PREPARED BY IDOT.
- ALL LIGHT POLE HANDHOLES SHALL FACE AWAY FROM VEHICULAR TRAFFIC.
- PAID FOR UNDER, "LIGHTING UNIT COMPLETE (SPECIAL)" (SEE SPECIAL PROVISION).

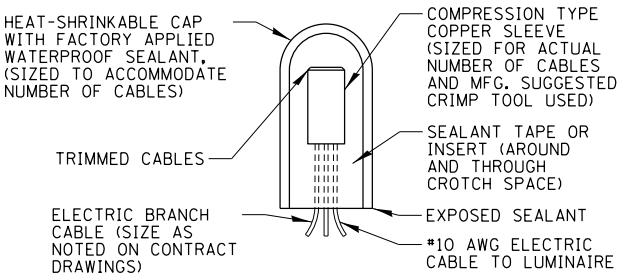
DAVIT LIGHTING UNIT

N.T.S.



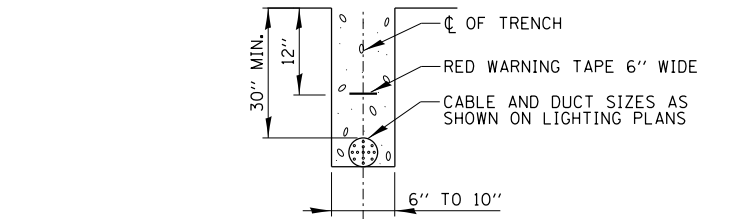
POLE HANDHOLE WIRING DIAGRAM

N.T.S.

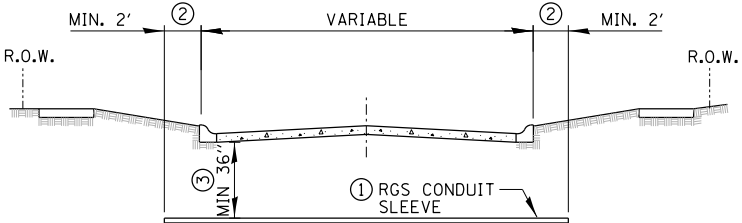


SPlicing ELECTRIC CABLE

N.T.S.



TRENCH CROSS SECTION

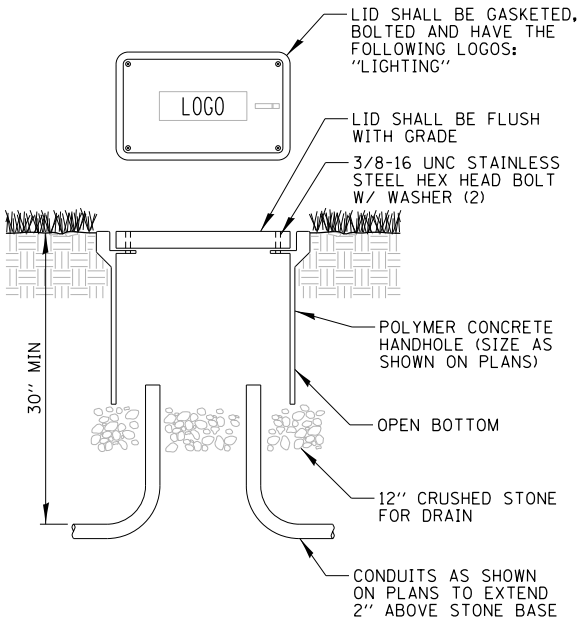


ROADWAY CROSSING

- SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
- SLEEVE SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- SLEEVE SHALL BE A MINIMUM OF 36" BELOW ROADWAY OR CURB BOTTOM.

ELECTRIC CONDUIT INSTALLATION

N.T.S.



NOTES:

- NO SPLICING ALLOWED IN HANDHOLE.
- POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREY.
- BOX & LID SHALL MEET/EXCEED ANSI TIER 15 LOADING REQUIREMENTS, AND BE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI/SCTE 77 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY", AND THE PROVISIONS OF PARAGRAPHS 5.2.3 AND 5.2.4 OF WESTERN UNDERGROUND COMMITTEE GUIDE 3.6.

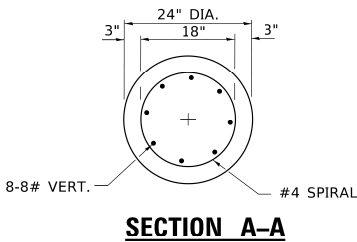
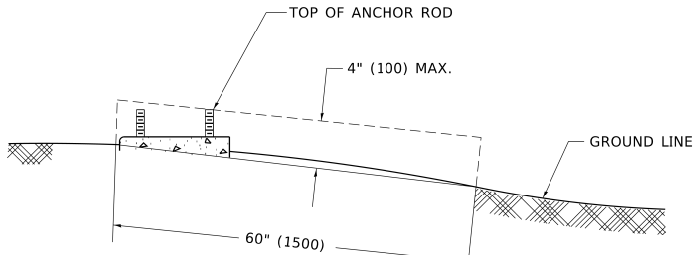
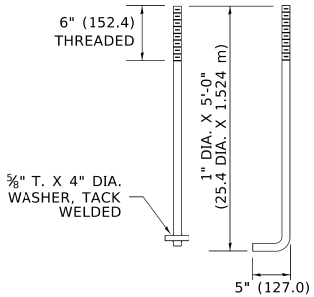
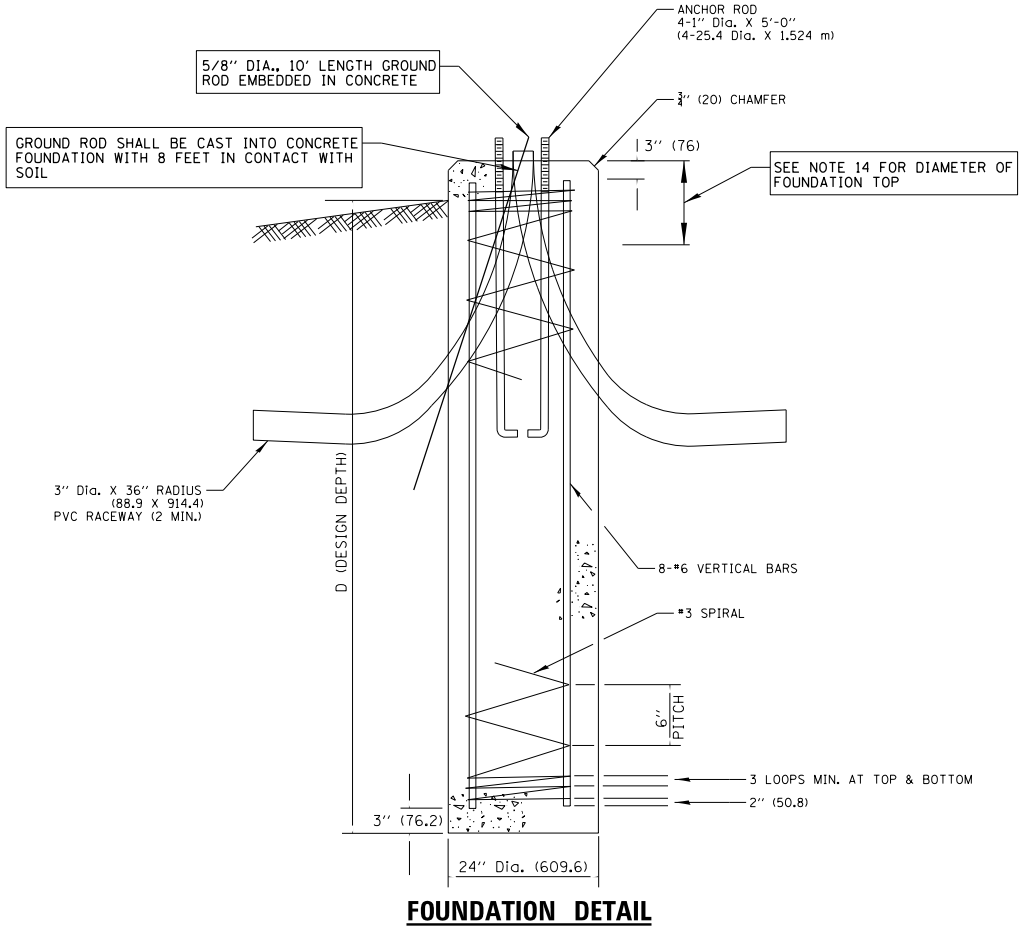
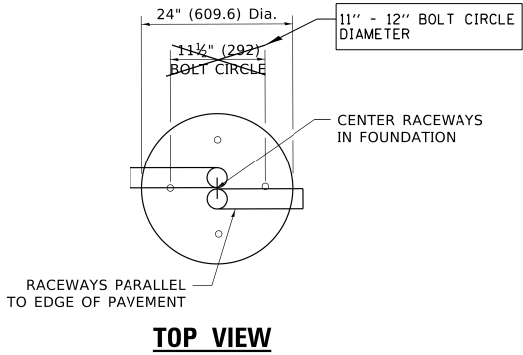
POLYMER CONCRETE HANDHOLE

N.T.S.

FILE NAME :	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) VILLAGE OF LINCOLNWOOD LIGHTING DETAILS (2 OF 6)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\LINCOLNWOOD\140090\C1401\Mech\LD1.140090.C1401.02.sht		DRAWN - RJJ	REVISED -			1349	16-00061-00-LS	COOK	167	120	
PLOT SCALE = 20'		CHECKED - AJD	REVISED -								
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -								
						CONTRACT NO. 61L92					
						ILLINOIS FED. AID PROJECT					

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- TOP 12" OF FOUNDATIONS SHALL BE 28" DIAMETER.

PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL" (SEE SPECIAL PROVISION).

**IDOT STANDARD BE-300
MODIFIED FOR THIS PROJECT**

FILE NAME = N:\LINCOLNWOOD\140090\C1401\Mech\LDT_140090.C1401.04.shd Default	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) VILLAGE OF LINCOLNWOOD LIGHTING DETAILS (4 OF 6)	SCALE: NO SCALE	SHEET 4 OF 6 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20'	DRAWN - RJJ	REVISED -						1349	16-00061-00-LS	COOK	167	122
	PLOT DATE = 9/26/2025	CHECKED - AJD	REVISED -						CONTRACT NO. 61L92				
		DATE - 9/26/2025	REVISED -						ILLINOIS FED. AID PROJECT				

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.895 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

OFFSET SCHEDULE

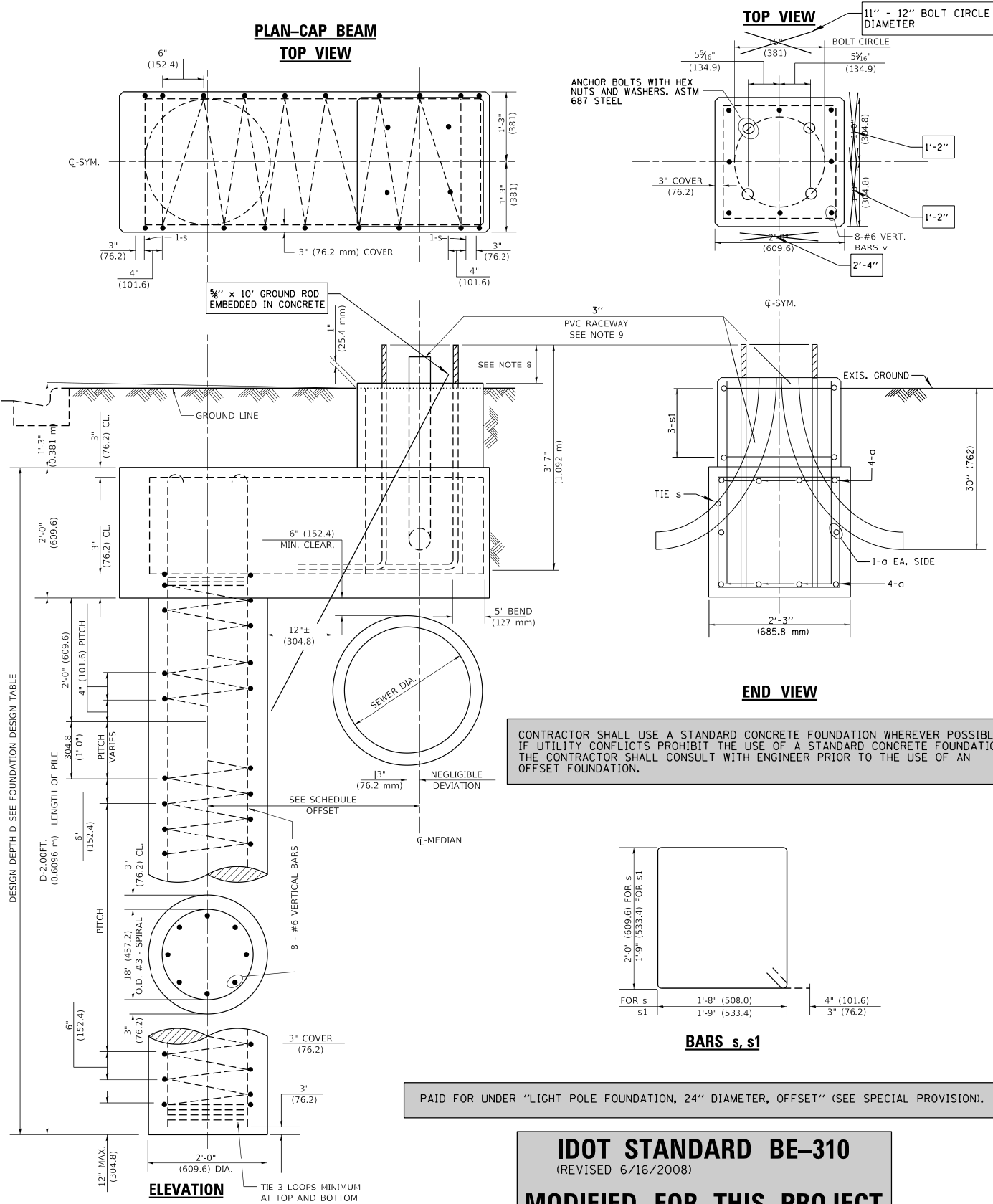
SEWER DIAM. d IN.	PILE OFFSET from C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 m) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 23#4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERRECTED.

LIGHT POLE FOUNDATION OFFSET

N.T.S.



FILE NAME =	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) VILLAGE OF LINCOLNWOOD LIGHTING DETAILS (5 OF 6)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\LINCOLNWOOD\140090\C1401\Mech\LD1.140090.C1401.05.sht		DRAWN - RJJ	REVISED -			1349	16-00061-00-LS	COOK	167	123	
	PLOT SCALE = 20'	CHECKED - AJD	REVISED -								
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -								
						CONTRACT NO. 61L92					
						ILLINOIS FED. AID PROJECT					



Service and Meter Application
Switch and Load Information Sheet

Please complete a separate sheet for each switch – existing or new:

Project Name: Devon Avenue Street Lighting
Site Address: 3448 W. Devon Ave Lincolnwood, IL 60712
Switch Name and Location: Lighting Controller located at NE Corner of Devon Ave & Trumbull Ave.

Service Voltage (check one):

☒ 120/240V 1-phase, 3-wire
☐ 120/240V 3-phase, 4-wire
☐ 120/208V 3-phase, 4-wire
☐ Other:

☐ 277/480V 3-phase, 4-wire
☐ 480V 3-phase 3-wire (B-phase Grounded)
☐ 480V 3-phase 3-wire (Ungrounded – requires ground detection equip.)

☐ 4kV ☐ 12kV ☐ 34kV 3-phase, 3-wire
☐ 4kV ☐ 12kV ☐ 3-phase, 4-wire

Other Items (check all that apply):

☒ New Construction Sq. Ft.
☐ Building Addition Sq. Ft.
☐ Relocating Existing Service Entrance
☐ Hi-Rise/ Vault Service

☒ Underground Service
☐ Overhead Service
☐ Commercial – No. of units
☐ Residential – No. of units

Sq. Ft.
Sq. Ft.
Sq. Ft.
Sq. Ft.

Date of Ground Breaking (est.):
Date to Energize:

Date to Final Grade (est.):
Hours of Operation Per Day: ☐ 8 ☒ 12 ☐ 16 ☐ 24

Switch Size (amps): 100 (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
Switch Rating (percentage): 80%
Secondary Conductors: 1 Sets of 3 /C #2 ☒ CU or ☐ AL
(Number) (No. of conductors) (Size) (Type)

Total Connected Load Information:

(KW or HP)	Description:	Connected Load:	
		1-phase	3-phase
Lighting:	Lighting	4.64 Kw	
VAC:			
Receptacle:			
Process Heat:			
Water Heat:			
Space Heat:			
Motors*:			
Welders**:			
TOTAL LOAD:		4.64 Kw	

*Motor Load Detail included above:

Description	Quantity	Size (HP)	Efficiency Rating	Phase / Voltage	Nema Code	Starts Per Hr. or Day	Starting Amps	Use

**Welder Detail included above:

Description	Quantity	Size (kVA)	Type	Max. Inst. Demand	P.F. at Peak	Welds Per Minute	Cycles Per Weld	Hours Per Day Use

COMED CONTACT: LARRY SHANK
(847)-921-7629
(Larry.Shank@comed.com)



Service and Meter Application
Project Information Sheet

Project Name: Devon Avenue Street Lighting
Site Address: 3448 W. Devon Avenue City: Lincolnwood Zip: 60712

Total Number of Service Entrance Locations (meters/switches) Requested: 1

Legal Name of Entity (Electric Consumer): Village of Lincolnwood
☐ Corporation ☐ Partnership ☐ Sole Proprietor ☒ Other: Municipality
Tax I.D.: Existing Account Number: 8218732261

Principle(s) to Sign Contracts For Service, Easements, Etc.:

Property Owner: Phone:
Building Owner: Phone:
Building Manager: John Welch Phone: (847) 675-0888

Mailing Address For Contracts:

Company: Village of Lincolnwood Phone: (847) 673-1540 Fax:
Address: City: Lincolnwood Zip: 60018

Mailing Address For Electric Bills:

Company: Village of Lincolnwood Phone: (847) 825-4404 Fax:
Address: 6900 N. Lincoln Avenue City: Lincolnwood Zip: 60018

Project Contacts:

Consulting Engineer: Rich Jezierny E-mail: rjezierny@cbbel.com
Firm Name: Christopher Burke Engineering, Ltd. Phone: (847) 823-0500 Fax: (847) 823-0520
Address: 9575 W. Higgins Road, Suite 600 City: Rosemont Zip: 60018

Electrical Contractor:

Consulting Engineer: E-mail:
Firm Name: Phone: Fax:
Address: City: Zip:

Other:

Consulting Engineer: E-mail:
Firm Name: Phone: Fax:
Address: City: Zip:

The Following Documents May Be Required:

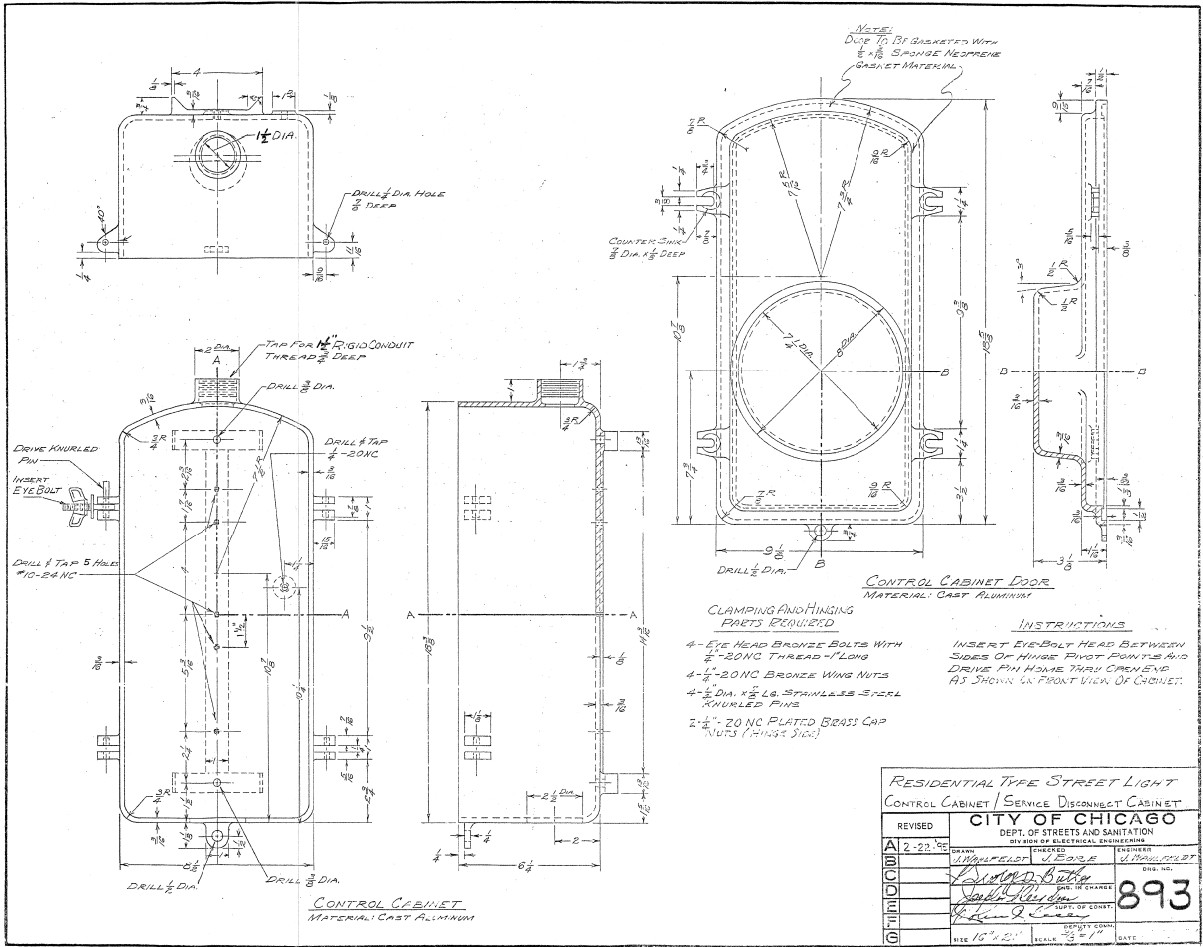
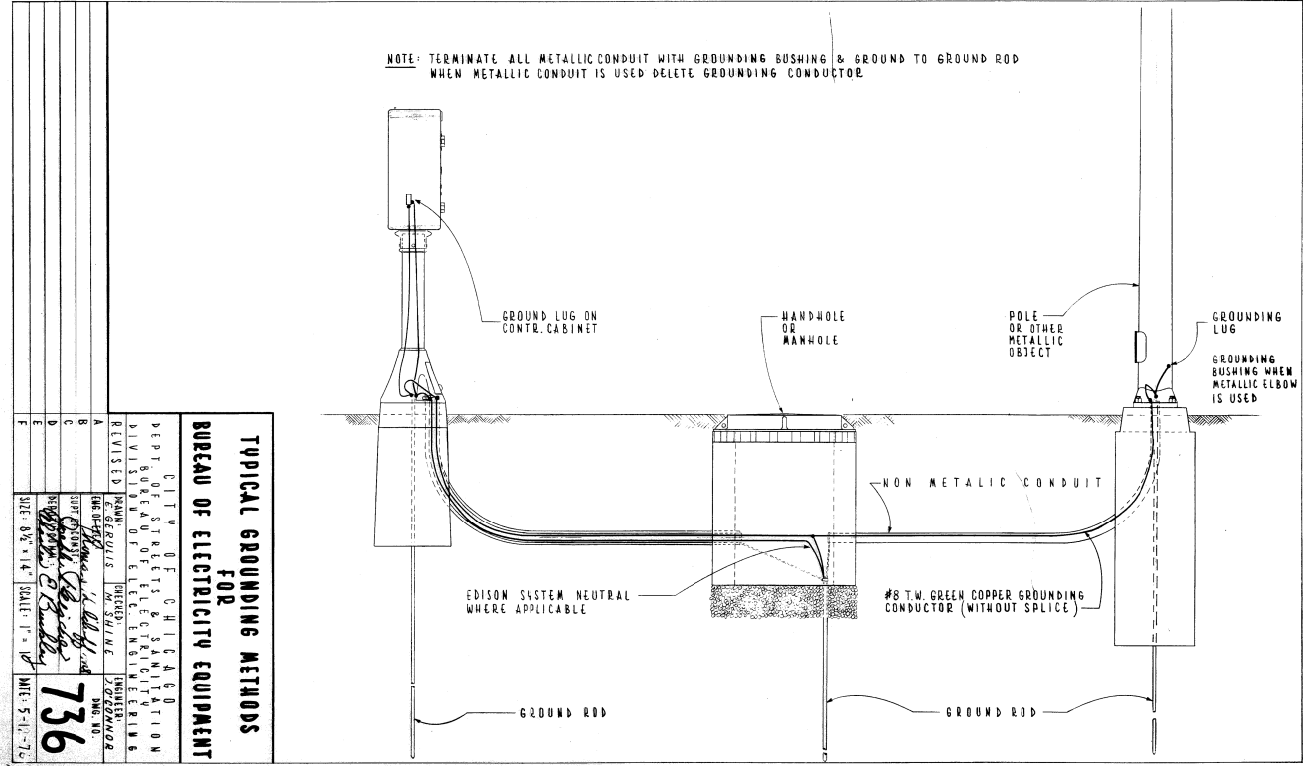
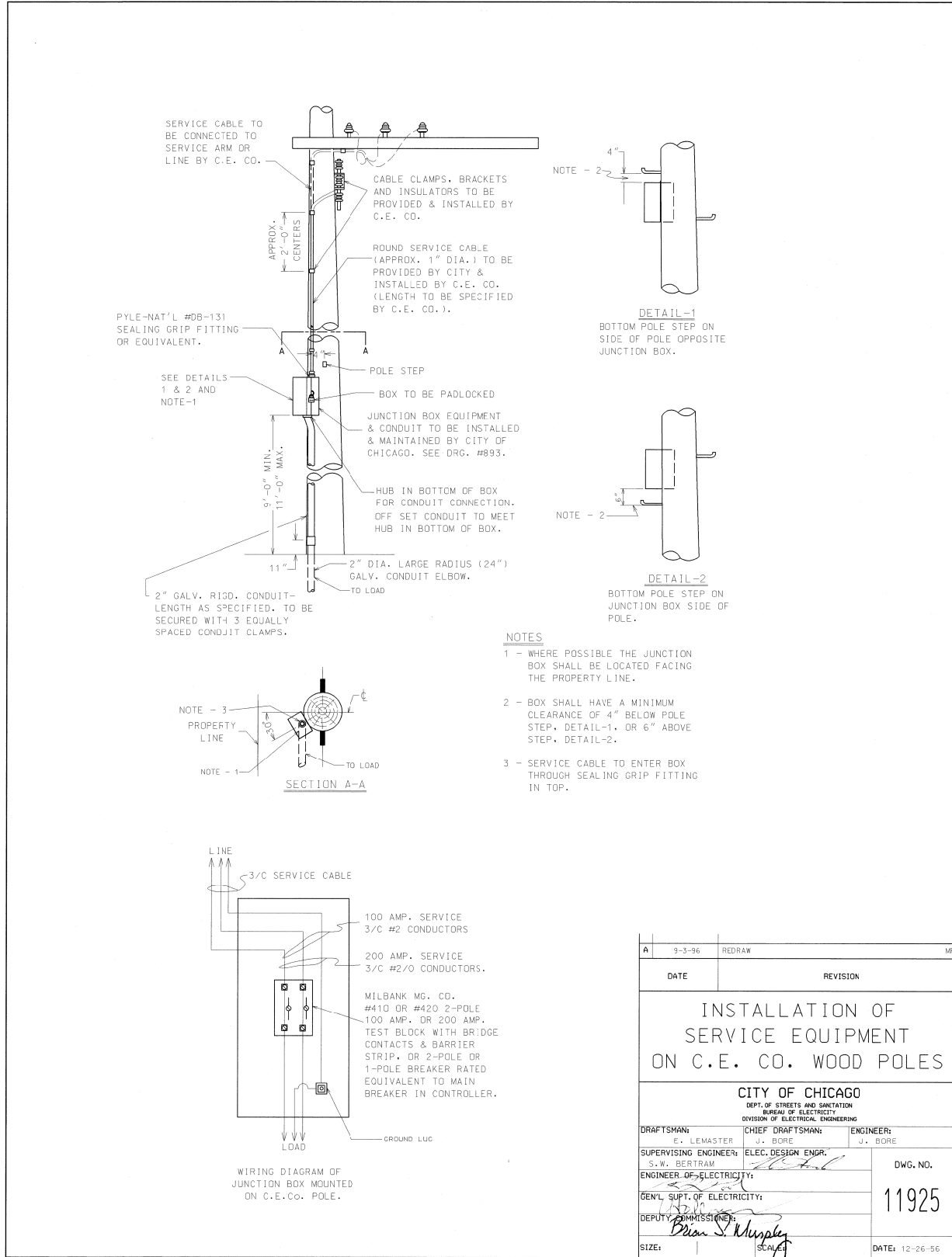
- Plat of Survey with legal description of property (for easement, if required)
- Site Plan showing building relative to property lines – mark service entrance location(s)
- Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
- Complete electrical drawings and/or load detail sheets

Information Provided By:

Print Name: Rich Jezierny
Signature:
Date: July 21, 2025

ELECTRICAL SERVICE APPLICATION
FOR INFORMATIONAL PURPOSES ONLY

FILE NAME =	USER NAME = mgratzke	DESIGNED - RJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) VILLAGE OF LINCOLNWOOD LIGHTING DETAILS (6 OF 6)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\LINCOLNWOOD\140090\C1401\Mech\LD1_140090.C1401.06.sht		DRAWN - RJJ	REVISED -			1349	16-00061-00-LS	COOK	167	124	
	PLOT SCALE = 20'	CHECKED - AJD	REVISED -			CONTRACT NO. 61L92					
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: NO SCALE SHEET 6 OF 6 SHEETS STA. TO STA.											



LIGHTING DETAIL NOTES:

1. SERVICE DISCONNECT CABINET SHALL BE FACTORY DRILLED AND TAPPED FOR A 3" DIA. SERVICE CONDUIT.

2. PROPOSED ELECTRIC SERVICE IS 200A.

3. CONTRACTOR SHALL COORDINATE ALL WORK WITH COMED. PROPOSED ELECTRIC SERVICE PAID FOR UNDER "ELECTRIC SERVICE INSTALLATION (SPECIAL)" AND "ELECTRIC SERVICE CONNECTION", SEE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
N:\LINCOLNWOOD\140090\C1401\Mech\LD1.140090.C1401.07.sht		DRAWN - RJJ	REVISED -
PLOT SCALE = 28'		CHECKED - AJD	REVISED -
PLOT DATE = 9/26/2025		DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CITY OF CHICAGO LIGHTING DETAILS (1 OF 14)	1349	16-00061-00-LS	COOK	167	125
SCALE: NO SCALE	SHEET 1 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 61L92	

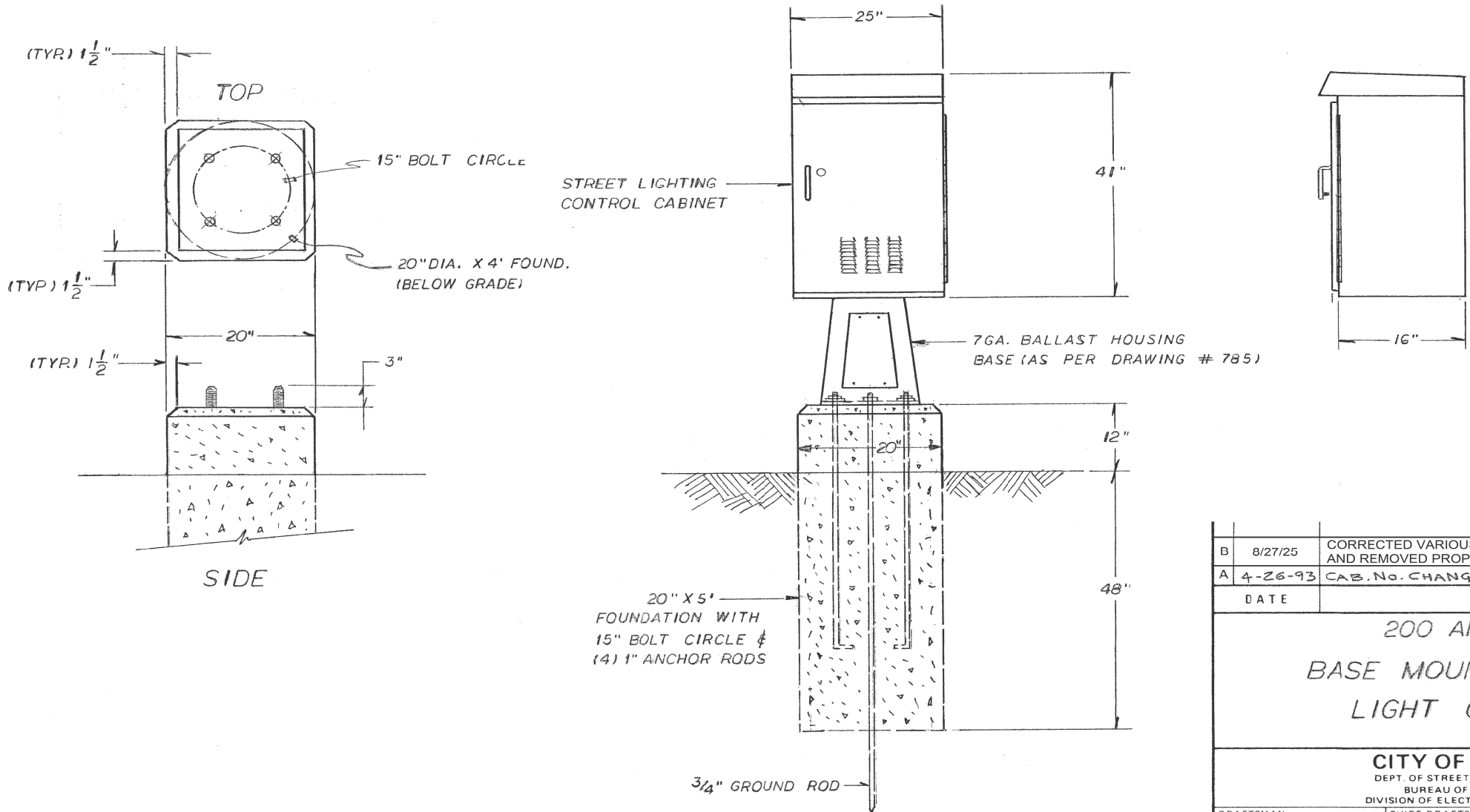
ILLINOIS FED. AID PROJECT

- DRILL (4) 1/2" DIA. HOLES IN BOTTOM OF CABINET & TOP OF BALLAST HOUSING BASE. BOLT CABINET TO B.H.B. USING (4) 3/8" X 2 1/2" BOLTS.
- OPENINGS IN BOTTOM OF CABINET & TOP OF B.H.B. MAY BE ENLARGED TO A MAX. OF 5" X 10" TO FACILITATE ADDITIONAL CABLE.
- NUMBER & SIZE OF CONDUITS TO BE SHOWN ON CONSTRUCTION DRAWINGS.
- SEE DRAWING # 984 FOR ELECTRICAL PANEL DETAILS.
- SEE DRAWINGS # 983 FOR WIRING DIAGRAM.

CODE	DRWG.	MATERIAL	SIZE	QUANT.
05-5082-5324	—	FIBER FORM	20" Ø	4
05-3267-2940	—	CONCRETE	CU. YD.	0.7
37-8180-0236	830	ANCHOR ROD	1" X 60"	4
09-7796-9200	—	GROUND ROD	3/4" X 10'	1
09-2636-3240	—	CLAMP, GROUND ROD	3/4"	1
09-3392-7850	—	CABINET ALUMINUM	41" X 25" X 16"	1
37-2130-4280	785	BALLAST HOUSING BS	1'-4" X 1'-8"	1

LIGHTING DETAIL NOTES:

1. PROPOSED LIGHTING CONTROLLER SHALL BE PAID FOR UNDER "LIGHTING CONTROLLER (SPECIAL)", AND PROPOSED LIGHTING CONTROLLER FOUNDATION PAID FOR UNDER "LIGHTING CONTROLLER FOUNDATION", SEE SPECIAL PROVISIONS.



B	8/27/25	CORRECTED VARIOUS REFERENCES TO OTHER STD DWGS AND REMOVED PROPRIETARY REFERENCES.
A	4-26-93	CAB. NO. CHANGED CITY NAME REMOVED
DATE		REVISION
200 AMP. BASE MOUNTED STREET LIGHT CONTROLLER		
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAFTSMAN: ARMANDO VIVANCO	CHIEF DRAFTSMAN: CAEMEN RESPINO	ENGINEER: M. DEBARTOLO
SUPERVISING ENGINEER: D. Carlson	ELEC. DESIGN ENGR.	DWG. NO.
ENGINEER OF ELECTRICITY: A. Dubelsky		880
GEN'L. SUPT. OF ELECTRICITY		
DEPUTY COMMISSIONER: Connelly		
SIZE: 16 21	SCALE:	DATE:

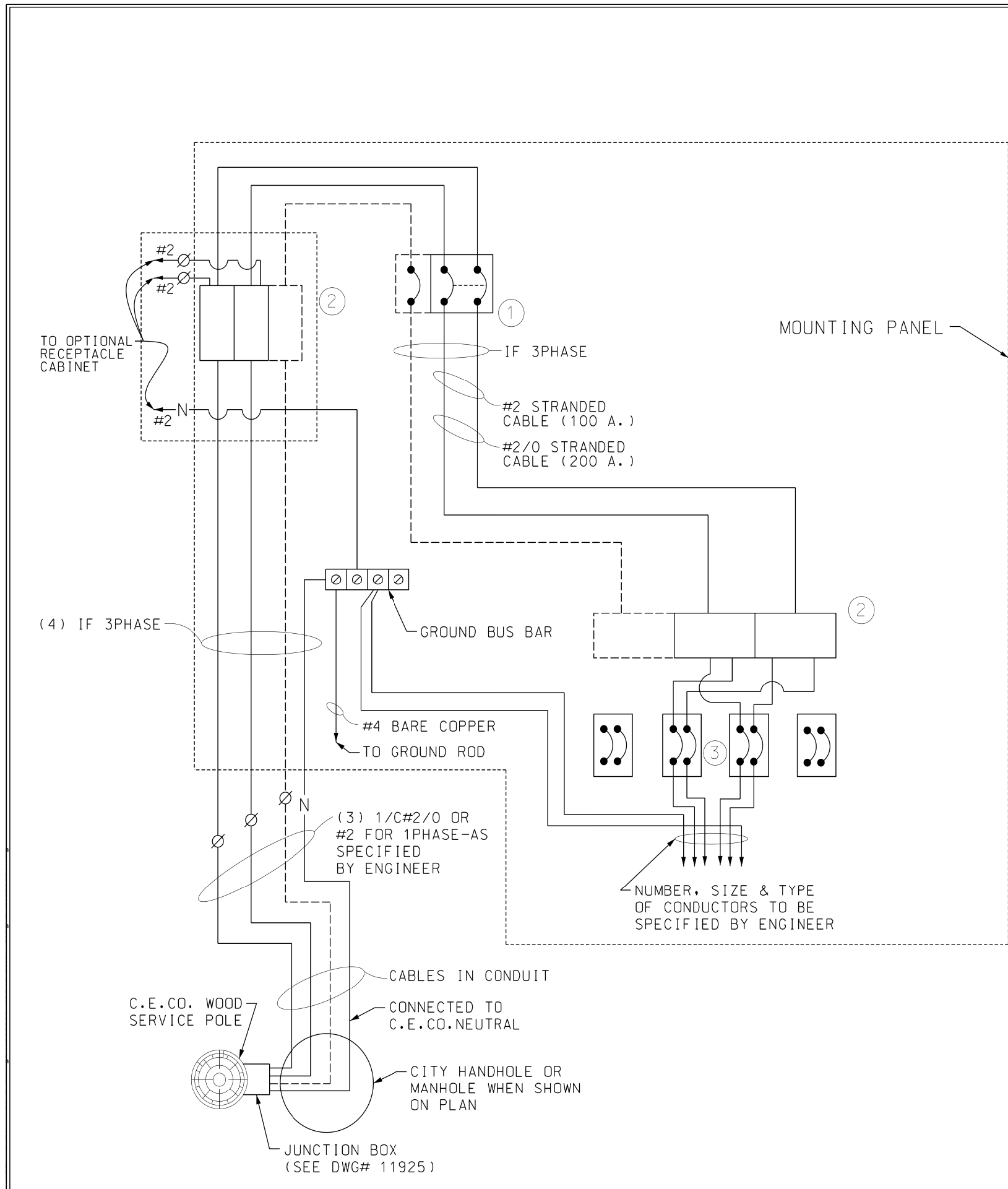
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N:\LINCOLNWOOD\140090\C1401\Mech\LD1.140090.C1401.08.sht		DRAWN - RJJ	REVISED -
PLOT SCALE = 20'		CHECKED - AJD	REVISED -
PLOT DATE = 9/26/2025		DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (2 OF 14)

SCALE: NO SCALE SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	126
				CONTRACT NO. 61L92
ILLINOIS FED. AID PROJECT				



① - MAIN CIRCUIT BREAKER, 2 POLE OR 3 POLE
100A "FDB" FRAME OR
2 POLE OR 3 POLE, 200A, "JDB" OR "JDK" FRAME
AS TABLE BELOW

100A 1PHASE : C FDB 14ka i.c. AT 240VAC 2P
100A 3PHASE : C FDB 14ka i.c. AT 240VAC 3P
200A 1PHASE : C JDK 25ka i.c. AT 240VAC 2P
200A 3PHASE : C JDB 25ka i.c. AT 240VAC 3P

② - POWER DISTRIBUTION BLOCK, AS PER
NEC 376.56(B) 1-4, AND 310.15(B)(16) 75°C
AMPACITIES OPEN STYLE, COPPER CONTACTS,
600VAC RATED

③ - BRANCH CIRCUIT BREAKER-2 POLE, 50A., OR 70A.
"EHD" FRAME,
14ka i.r. AT 240VAC 2P
14ka i.r. AT 240VAC 3P

NOTES :

GROUND BUS TO BE MOUNTED ON LEFT SIDE WALL
OF CABINET (SEE DETAIL DRG.NO.984)

SEE DRG.NO.984 FOR DETAIL OF MOUNTING PANEL.

SEE DRG.# 876 FOR CABINET ASSEMBLY (100 AMP.)
SEE DRG.# 880 FOR CABINET ASSEMBLY (200 AMP.)

A		DATE	REVISION
WIRING DIAGRAM FOR 100/200 AMP. SINGLE OR THREE PHASE, STREET LIGHTING CONTROLLER CONSTANT POWER			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING-ELECTRICAL SECTION			
DRAFTSMAN/ENGINEER :		G.M.PADIYAR	DWG. NO. 983
SUPERVISING ENGINEER:		O. LETAMENDI	
PROFESSIONAL ENGINEER :		R. POOL	
ENGINEER OF ELECTRICITY:			
DEPUTY COMMISSIONER:			
SIZE: 16" 22"		SCALE: NONE	DATE: 10/23/17

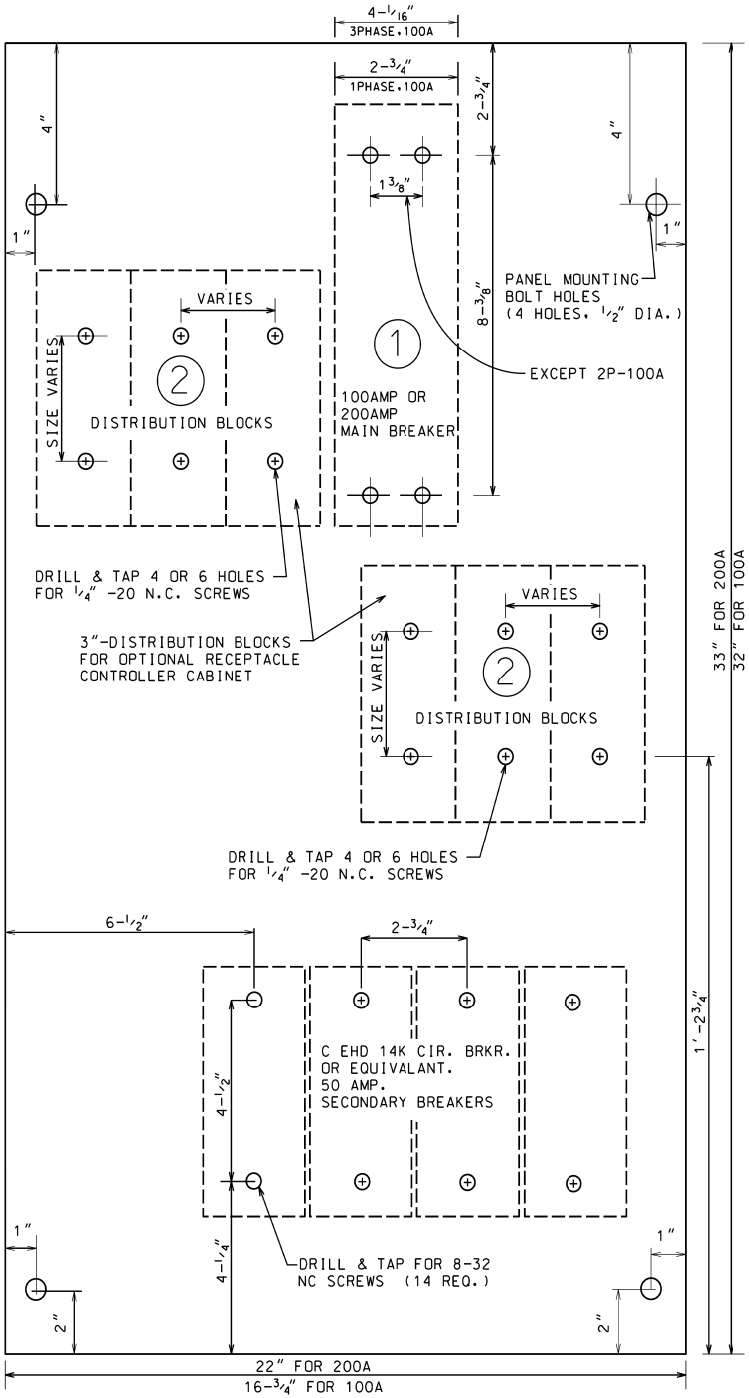
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	PLOT DATE : 9/26/2025	CHECKED - AJD	REVISED -
		DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

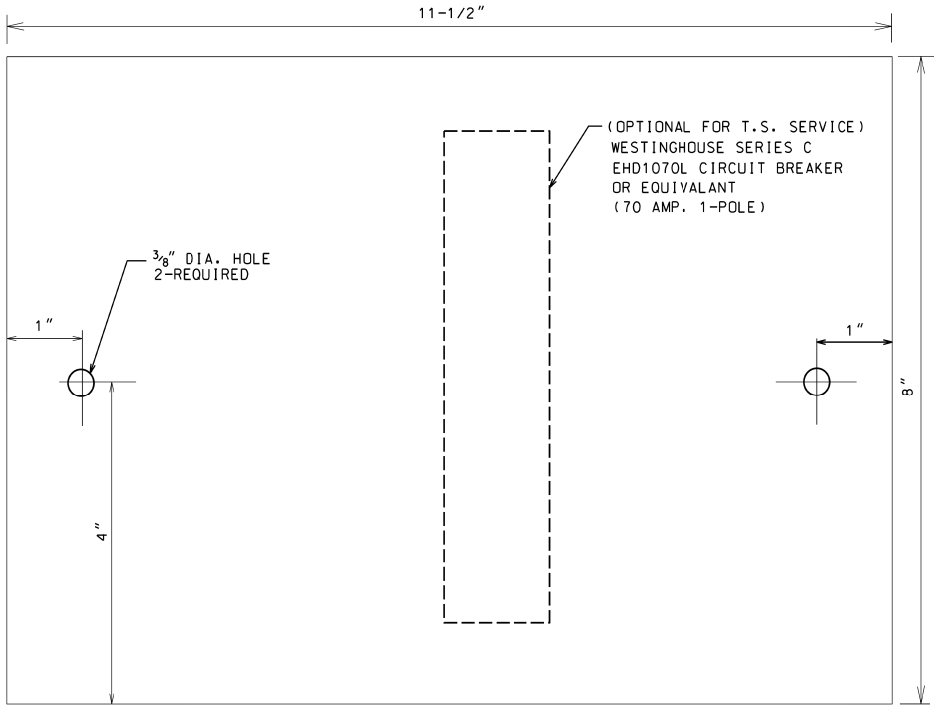
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (3 OF 14)

SCALE: NO SCALE SHEET 3 OF 14 SHEETS STA. TO STA.

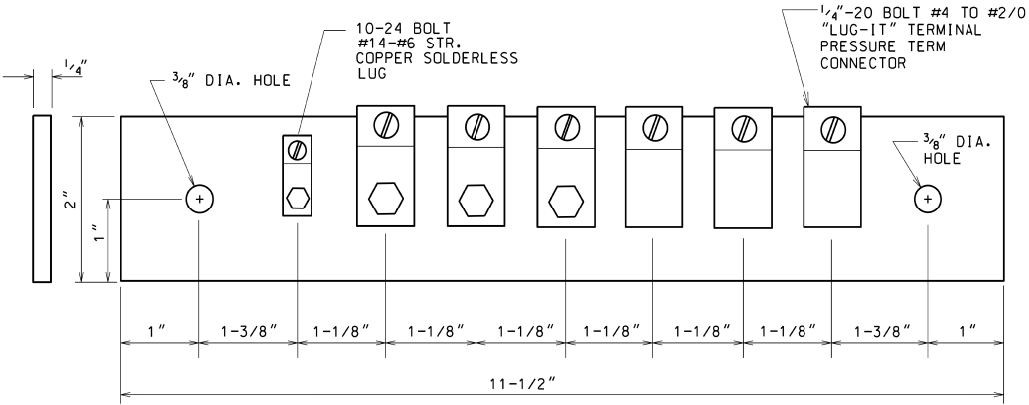
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	127
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				



BACK PANEL
1/2" THICK PHENOLIC
LINEN BASE



(OPTIONAL) PANEL FOR TRAFFIC SIGNAL SERVICE
1/2" THICK PHENOLIC LINEN BASE PANEL
TO BE MOUNTED ON UPPER LEFT SIDE OF CABINET



1/4" THICK COPPER BUS BAR
TO BE MOUNTED ON LOWER
LEFT SIDE OF CABINET.

SEE DRG.#880 FOR CABINET DETAIL
SEE DRG# 983 FOR WIRING DIAGRAM

- ① - MAIN CIRCUIT BREAKER
100A 1PHASE : C FDB 14kA i.r. at 240VAC 2P
100A 3PHASE : C FDB 14kA i.r. at 240VAC 3P
200A 1PHASE : C JDK 25kA i.r. at 240VAC 2P
200A 3PHASE : C JDB 25kA i.r. at 240VAC 3P
- ② - POWER DISTRIBUTION BLOCKS
RATED 600V, BASED ON NEC
376.56(B) 1-4, AND 310.15(B)(16)
75°C AMPACITIES

A		
DATE	REVISION	
PANELS FOR 100A/200A 2 AND 3 POLE EQUIPMENT IN STREET LIGHT CONTROL CABINET- CONSTANT POWER		
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING-ELECTRICAL SECTION		
DRAFTSMAN/ENGINEER :	G.M.PADIYAR	DWG. NO. 984
SUPERVISING ENGINEER:	D. LETAMENDI	
PROFESSIONAL ENGINEER :	R. POOL	
ENGINEER OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
SIZE: 16" 22"	SCALE: NONE	DATE: 10/23/17

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	PLOT DATE : 9/26/2025	DATE - 9/26/2025	REVISED -

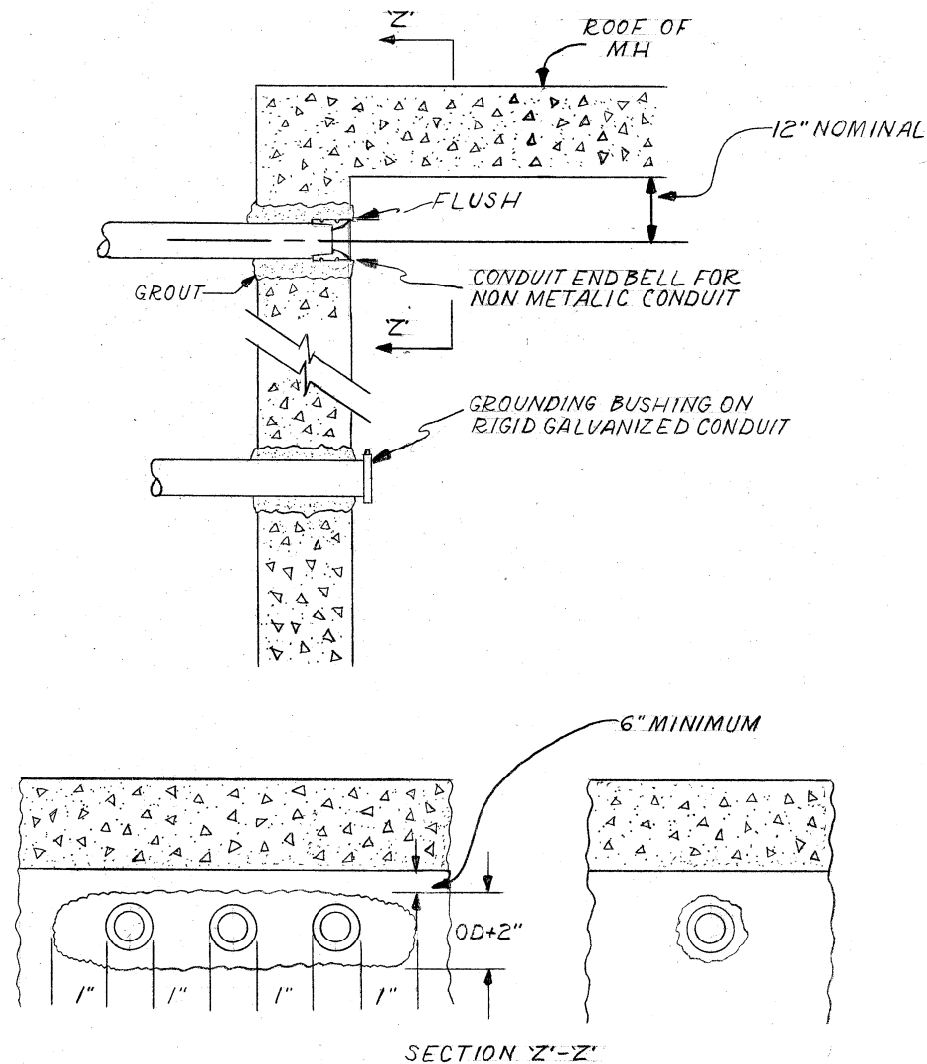
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (4 OF 14)

SCALE: NO SCALE SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	128
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

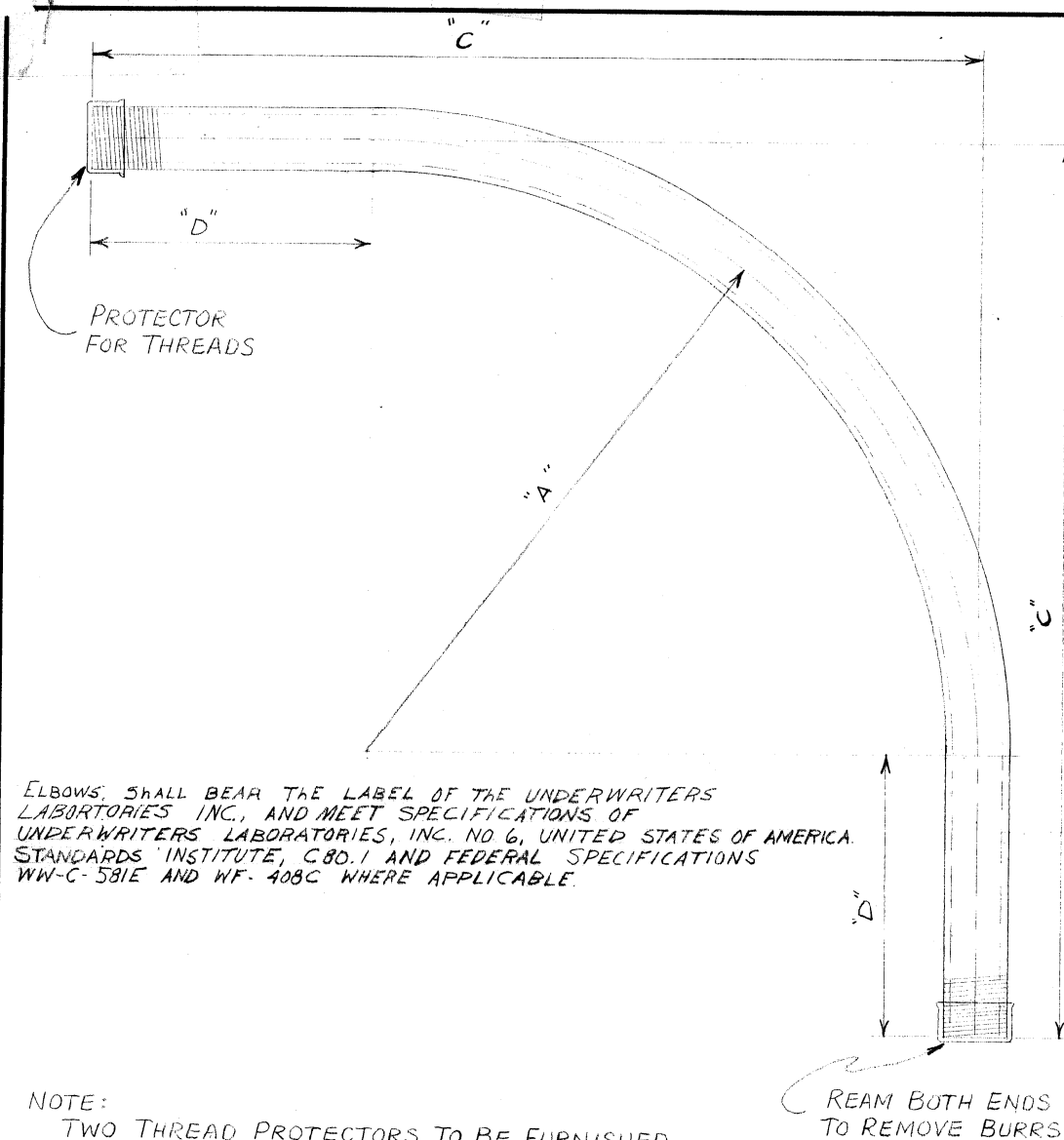
CONDUIT INSTALLATION THROUGH EXISTING MANHOLE OR HANDHOLE WALL



OPENING THROUGH WALL TO BE
KEPT TO MINIMUM SIZE TO
ADMIT CONDUIT AND SUFFICIENT
GROUT TO ASSURE SEALING
WALL.

INSTALLATION METHOD OF
INSTALLING CONDUIT THRU
MANHOLE WALL

CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING			
DRAWN A.M. JOHANSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN	
ENGINEER OF ELECTRICITY <i>Thomas Kilobuff</i>		DRG. NO. 814	
DEPUTY COMM. <i>Charles E. Bunkley</i>		DATE 3-13-81	
SIZE 8 1/2" X 14"	SCALE N.T.S.		



NOTE:
TWO THREAD PROTECTORS TO BE FURNISHED
ON EACH ELBOW, PROTECTOR TO COVER A MINIMUM
OF TEN THREADS.

TABLE OF DIMENSIONS				
CONDUIT SIZE	DIMENSIONS			COMMODITY CODE
	"A"	"C"	"D"	
1 1/4"	24"	35"	11"	09-4001-0510
1 1/2"	24"	35"	11"	09-4001-0520
2"	24"	35"	11"	09-4001-4126
2 1/2"	24"	35"	11"	09-4001-4128
3"	24"	35"	11"	09-4001-4230
4"	24"	35"	11"	09-4001-0000

B	SPECIFICATIONS REVISED
A	REVISED DIMENSIONS ON 3" & 4" CONDUIT L.P.
ELBOW, CONDUIT, RIGID GALVANIZED STEEL, LARGE RADIUS	
REVISED	CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING
A 7-22-71	DRAWN LON BURDY CHECKED M.S. ENGINEER M. SHINE
B 4-3-73	DRG. NO. 11825
C	
D	
E	
F	
G	SIZE 8 1/2" X 14" SCALE: 3/16" DATE 6-2-71

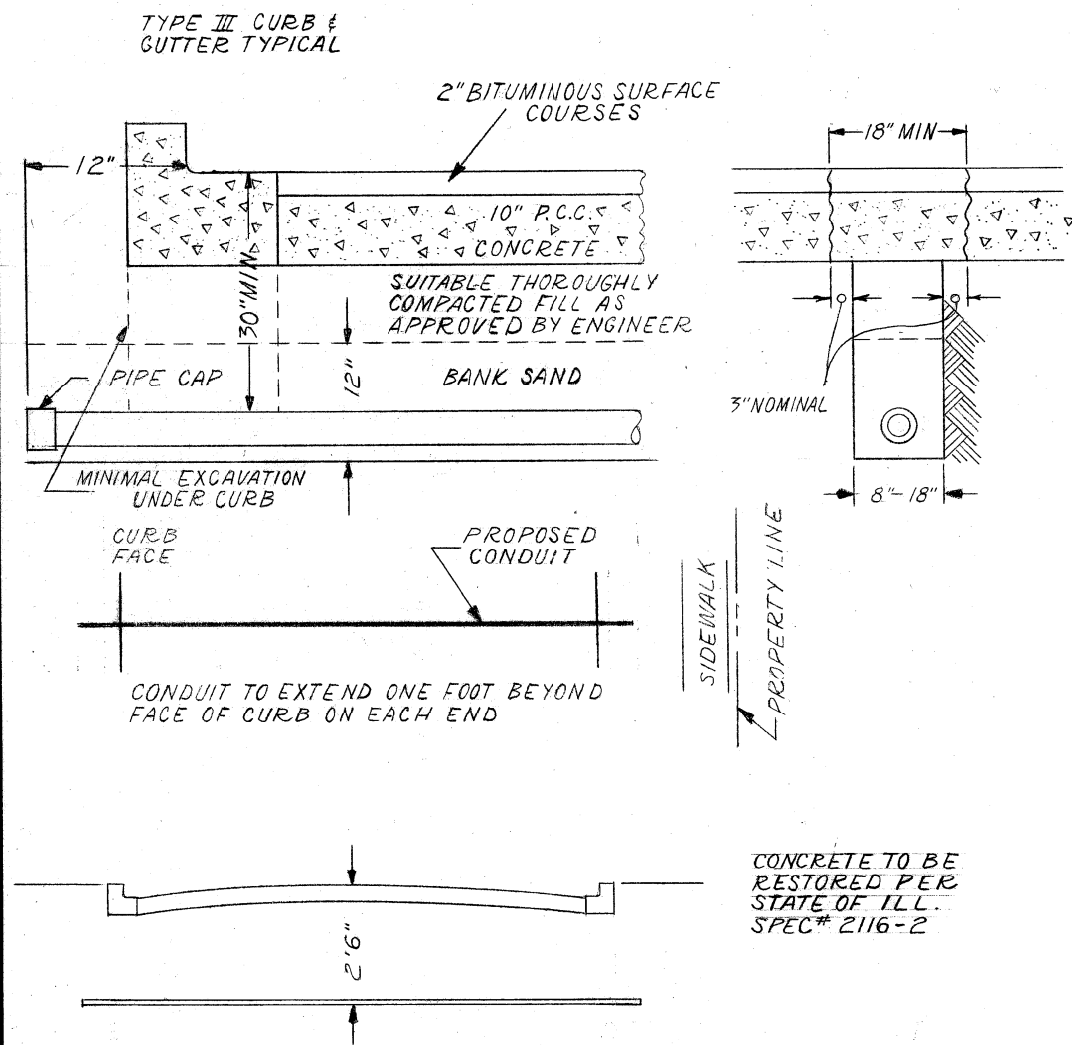
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	PLOT SCALE = 28"	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (6 OF 14)
SCALE: NO SCALE SHEET 6 OF 14 SHEETS STA. TO STA.

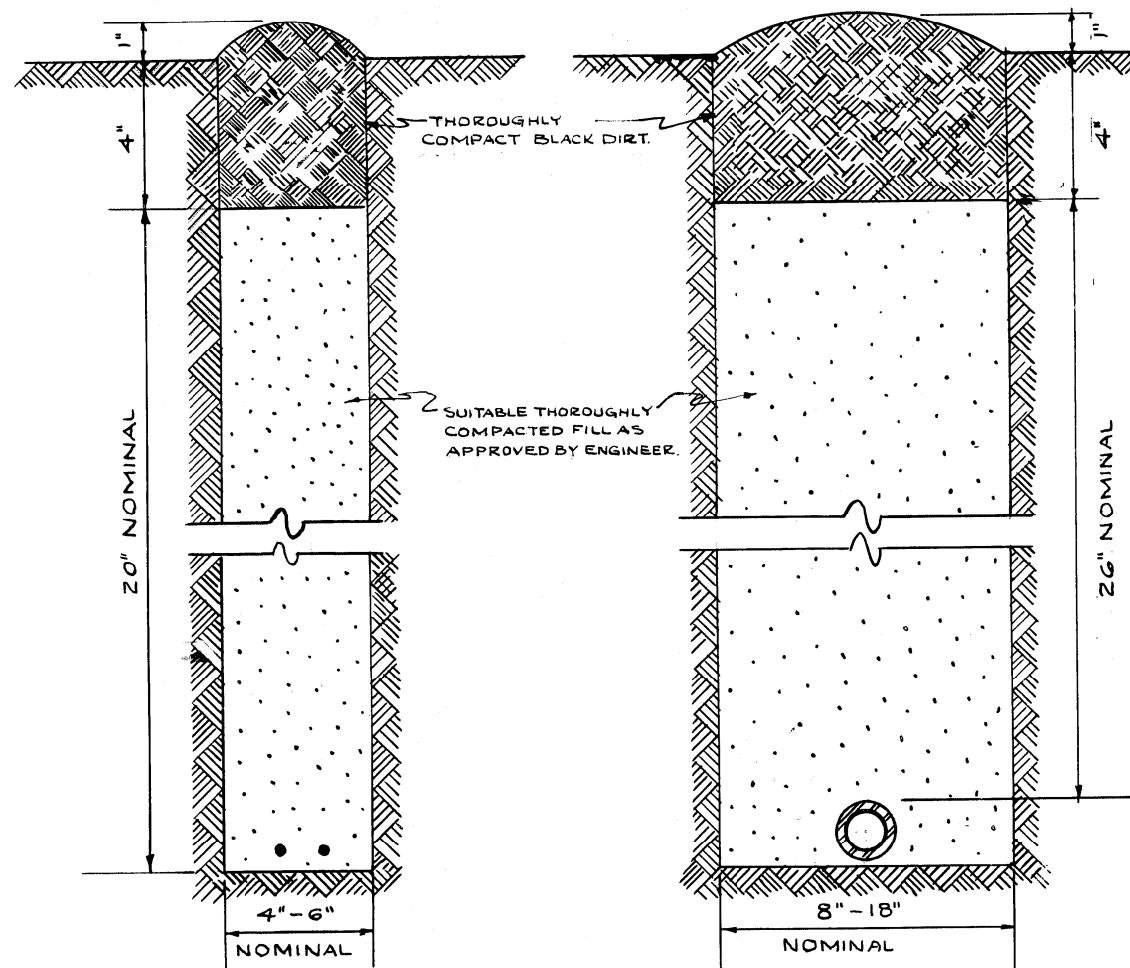
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	130
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

CONDUIT INSTALLATION UNDER PAVED STREET



INSTALLATION METHOD OF
INSTALLING CONDUIT UNDER
PAVED ROADWAY

CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
ENGINEER OF ELECTRICITY Charles E. Bunkley		DRG. NO. 813
SIZE 8 1/2" X 14"	SCALE N.T.S.	DATE 3-13-81



CABLE TRENCH

CONDUIT TRENCH

NOTE

EXCESS SOIL FROM TRENCH TO BE COMPLETELY REMOVED FROM SITE AS SOON AS PRACTICABLE.

BLACK DIRT TO BE TAMPED & THOROUGHLY COMPACTED AS SHOWN.

STANDARD METHOD FOR BACKFILLING
CABLE & CONDUIT TRENCHES IN
SODDED PARKWAY & LAWNS

CITY OF CHICAGO DEPT. OF STREETS & SANITATION DIVISION OF ELECTRICAL ENGINEERING		
REVISION	DRAWN W. E. HAEF	CHECKED M. J. HINE
A	ENGINEER J. O'CONNOR	DRG. NO. 579
B	ENGINE IN CHARGE D. R. BUTLER	
C	SUPV. OF CONST. R. L. KELLEY	
D	DEPUTY COMM. R. L. KELLEY	
E	SIZE 8 1/2" X 14"	SCALE: N
F	DATE: 7-14-61	

LIGHTING DETAIL NOTES:

1. CONTRACTOR SHALL INSTALL LIMESTONE SCREENINGS TO FILL BOTTOM OF TRENCHES TO A DEPTH OF 1' ABOVE TOP OF CONDUIT, OR AS DIRECTED BY INSPECTOR OR ENGINEER.
2. UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED A MINIMUM OF 12" BELOW GRADE.

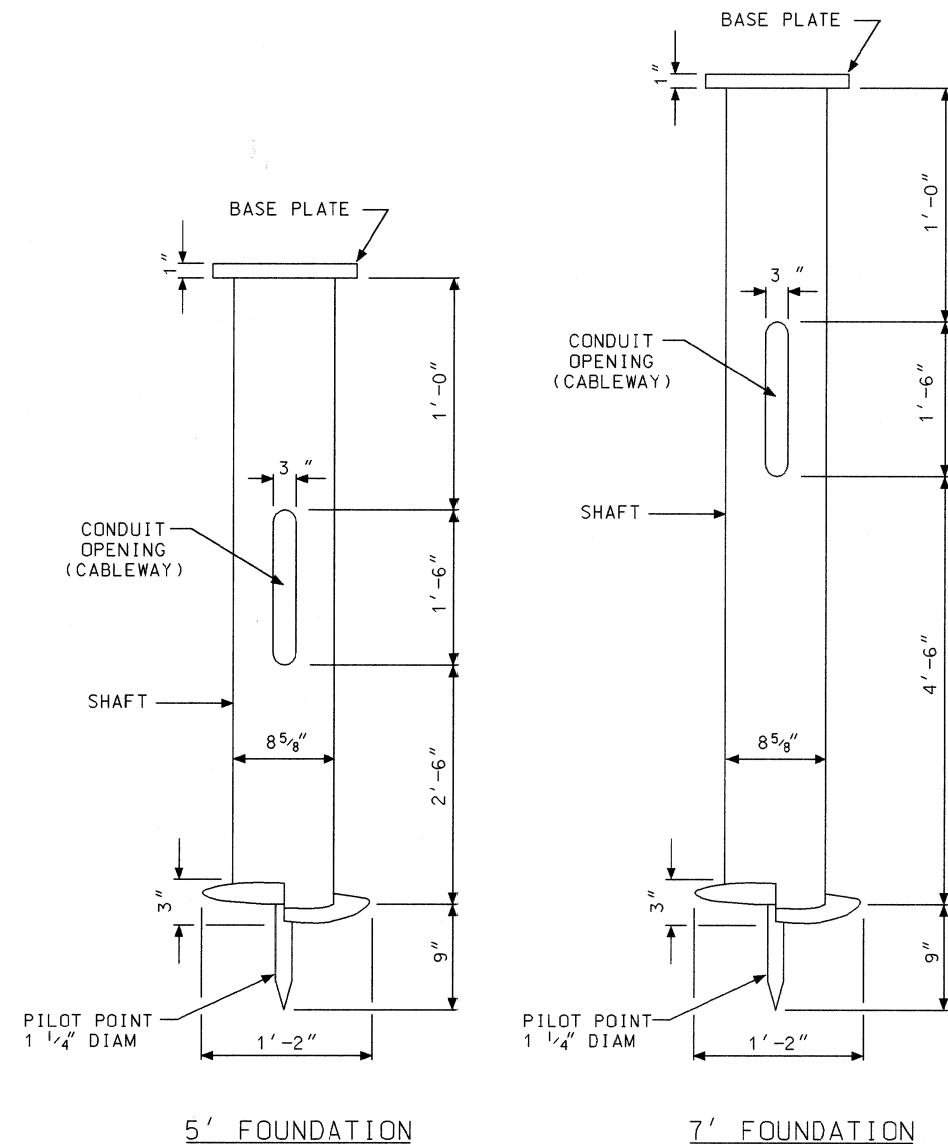
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Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (7 OF 14)

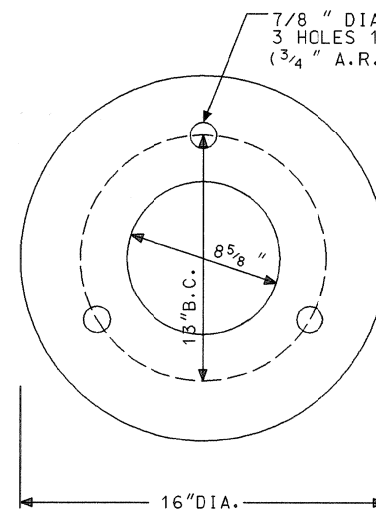
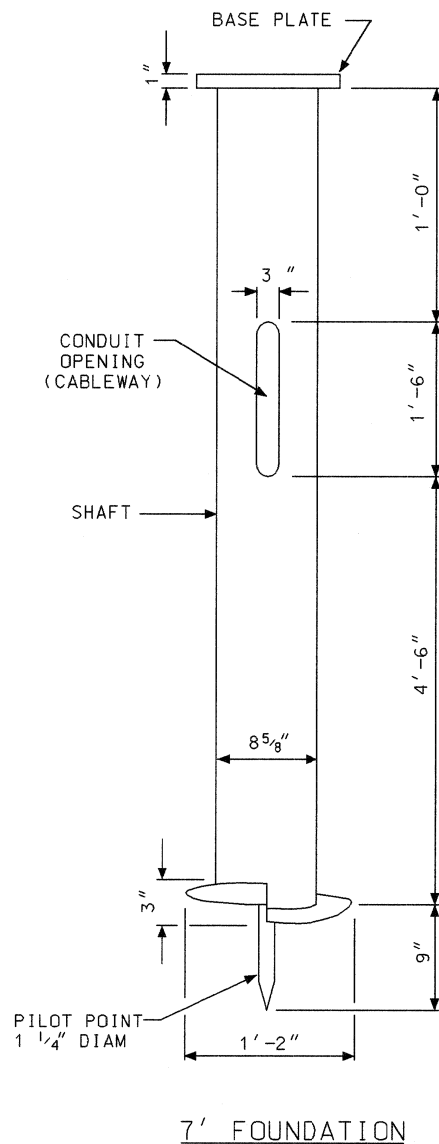
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	131
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

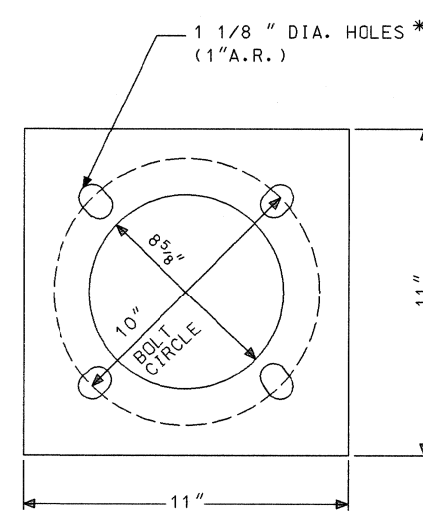


NOTES:

1. SHAFT MUST HAVE 1/4 " WALL AND HAVE 8 5/8 " OUTSIDE DIAMETER.
2. SHAFT MATERIAL MUST BE ASTM A53B STEEL PIPE OR LATEST REVISION.
3. HELIX MUST BE FORMED BY MATCHING METAL DIE.
4. HELIX MATERIAL MUST BE ASTM A709 GR 36 OR LATEST REVISION.
5. HELIX MUST HAVE 3 INCH PITCH.
6. PILOT POINT MATERIAL WILL BE ASTM A36 STEEL OR LATEST REVISION.
7. BASE PLATE MATERIAL WILL BE ASTM A36 STEEL.
8. ENTIRE STEEL FOUNDATION TO BE HOT DIP GALVANIZED PER ASTM A123 OR LATEST REVISION .
9. BASE PLATE MUST BE PERMANENTLY STAMPED WITH MANUFACTURER'S NAME, MANUFACTURING DATE, AND PRODUCT IDENTIFICATION.
10. BASE PLATE MUST BE PERMANENTLY MARKED ON TOP INDICATING CONDUIT OPENING ORIENTATION.

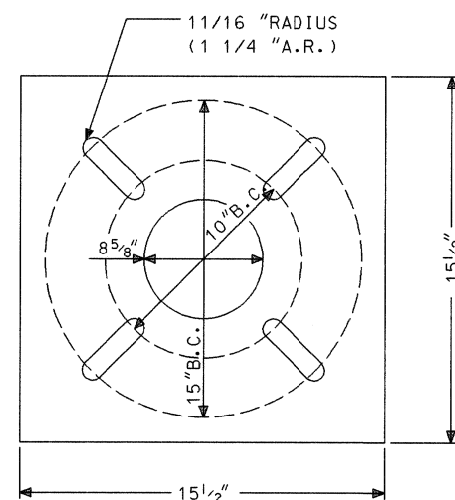


BASE PLATE
5 FOOT FOUNDATION
13" BOLT CIRCLE



BASE PLATE
5 FOOT FOUNDATION
10" BOLT CIRCLE

* HOLES IN BASE PLATE
MAY BE RADIALY SLOTTED



BASE PLATE
7 FOOT FOUNDATION
10"-15" BOLT CIRCLE

A		REVISION	DATE
HELIX LIGHT POLE FOUNDATIONS			
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING			
DRAFTSMAN: I. ABABNEH	CHIEF DRAFTSMAN: R. CARTER	ENGINEER: R. POOL	DWG. NO. 936
SUPERVISING ENGINEER: ELECTRICITY ENGR.	ENGINEER - ELECTRICITY: R. POOL	GEN'L SUPT. OF ELECTRICITY: R. POOL	DATE: 2-7-12-02
DEPUTY DESIGNER: R. POOL	SCALE: NONE		

LIGHTING DETAIL NOTES:

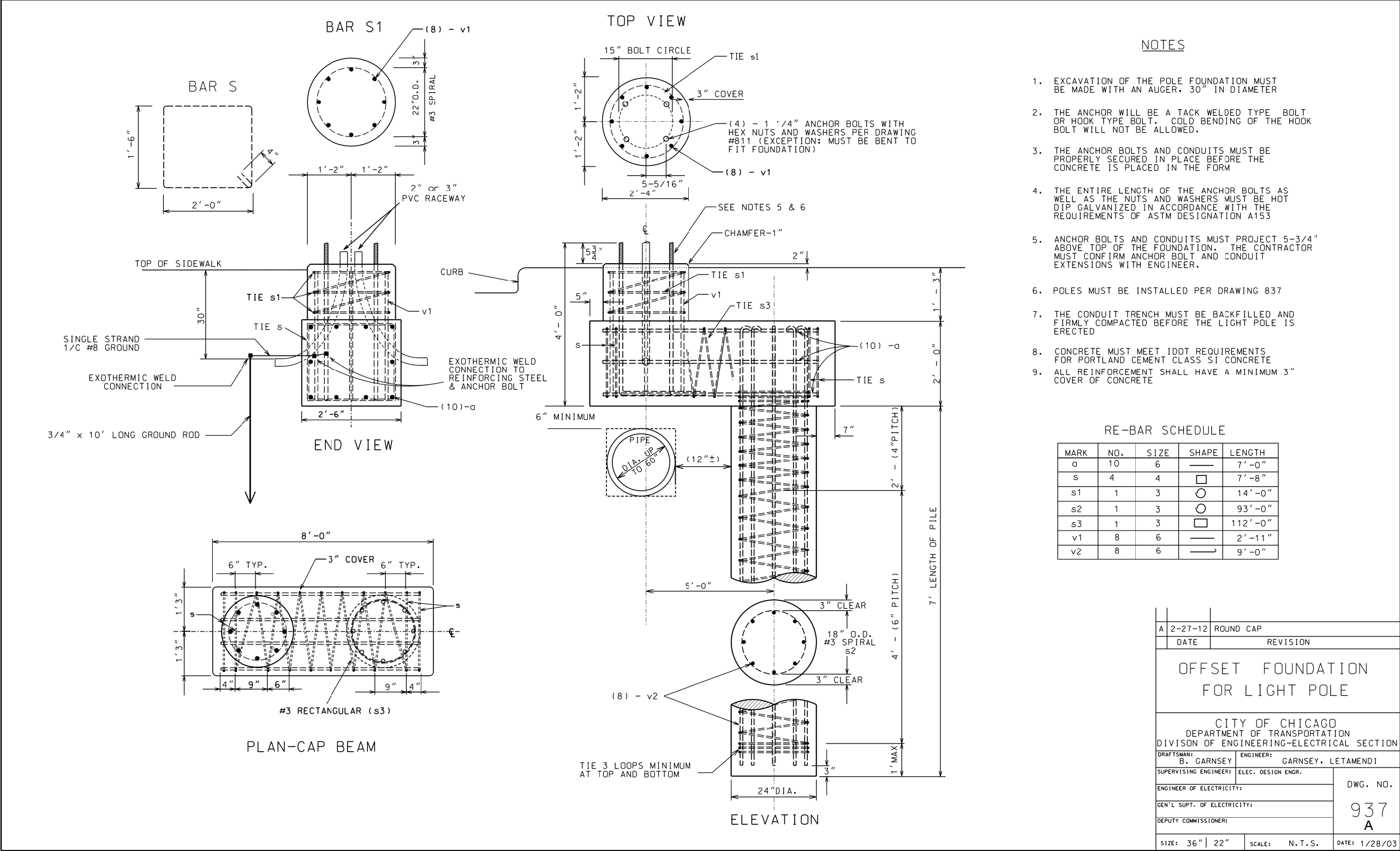
1. PROPOSED METAL HELIX FOUNDATION PAID FOR UNDER "LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8 5/8" X 7", SEE SPECIAL PROVISION.

FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
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PLOT SCALE = 20'		CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO MCCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (8 OF 14)
SCALE: NO SCALE SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	132
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				



- LIGHTING DETAIL NOTES:**
- THE CONTRACTOR SHALL LOCATE THE PROPOSED OFFSET FOUNDATIONS AS REQUIRED TO MAINTAIN THE FOLLOWING MIN. CLEARANCES FROM EXISTING WATERMAIN, IN ACCORDANCE WITH DEPARTMENT OF WATER MANAGEMENT (DWM) STANDARDS:
-HORIZONTAL CLEARANCE: 3'-4"
-VERTICAL CLEARANCE: 1'-6"
 - PROPOSED OFFSET FOUNDATION SHALL BE PAID FOR UNDER "LIGHT POLE FOUNDATION (SPECIAL)", SEE SPECIAL PROVISION.

A	2-27-12	ROUND CAP	
DATE		REVISION	
OFFSET FOUNDATION FOR LIGHT POLE			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING-ELECTRICAL SECTION			
DRAFTSMAN: B. GARNSEY		ENGINEER: GARNSEY, LETAMENDI	
SUPERVISING ENGINEER: ELEC. DESIGN ENGR.		DWG. NO. 937 A	
ENGINEER OF ELECTRICITY:			
GEN'L SUPT. OF ELECTRICITY:			
DEPUTY COMMISSIONER:			
SIZE: 36" 22"		SCALE: N. T. S.	DATE: 1/28/03

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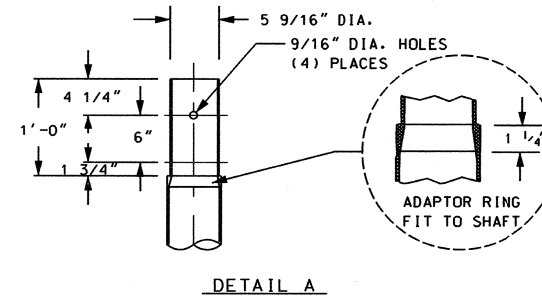
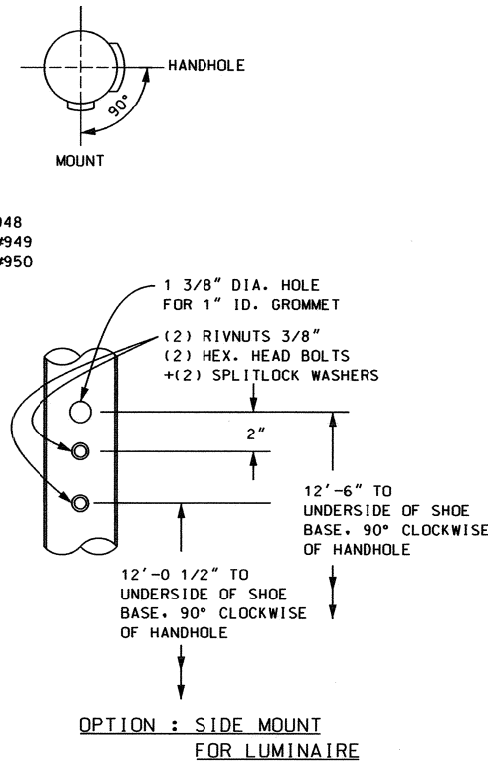
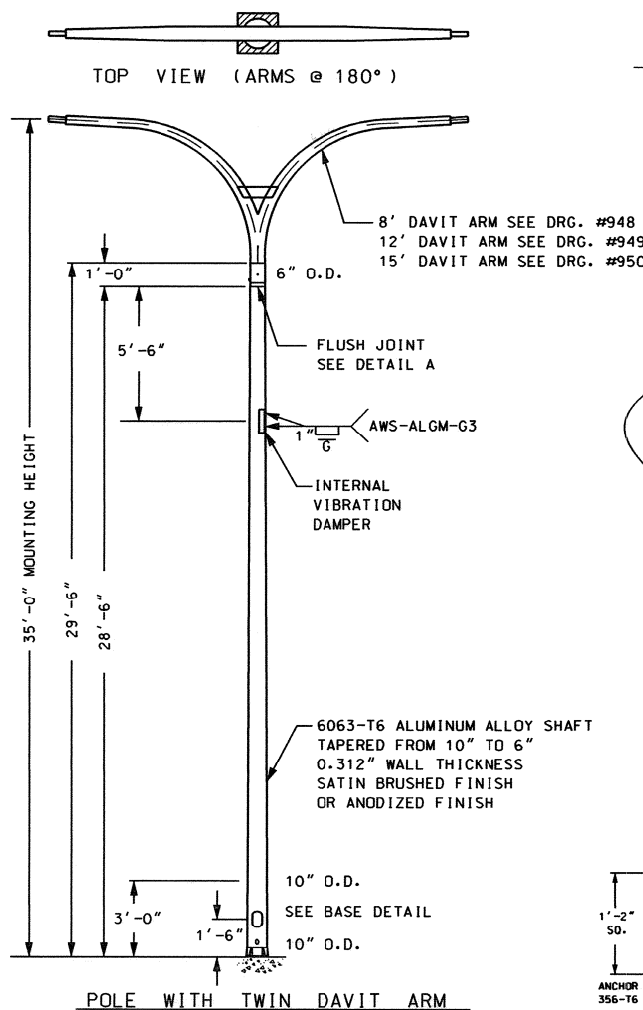
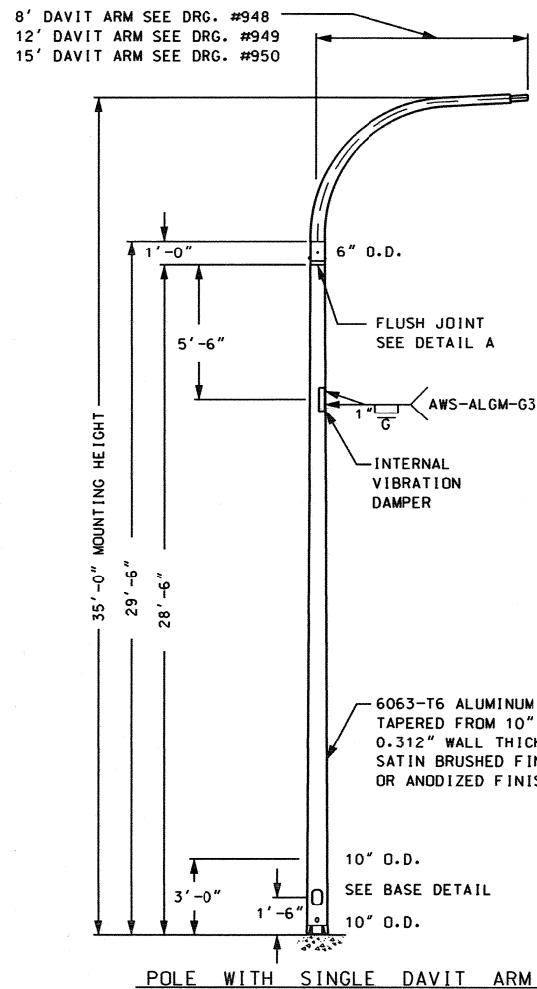
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (9 OF 14)

SCALE: NO SCALE SHEET 9 OF 14 SHEETS STA. TO STA.

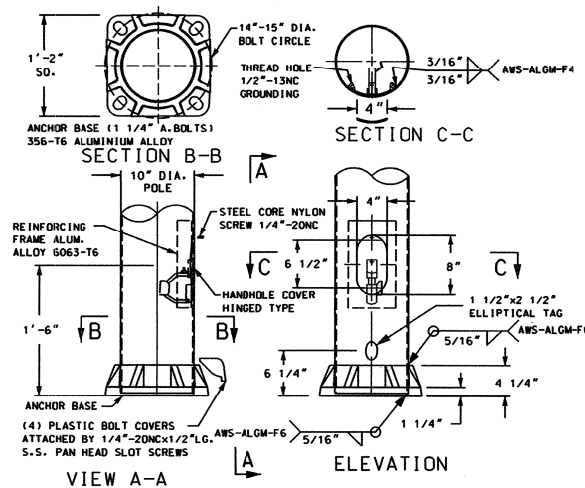
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	133
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

DATE: 3/18/2014
FILE: N:\PROJECTS\Specifications\New Drawings\Devit Arms_Pole_35'&40'&40' Revision2.dgn



GENERAL NOTES:

- UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE 1994 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
- DESIGN WIND VELOCITY SHALL BE 80 MILES PER HOUR WITH 1.3 GUST FACTOR.
- LIGHT POLE SHALL BE DESIGNED TO SUPPORT (1) 40 POUNDS LUMINAIRE WITH AN EFFECTIVE PROJECTED AREA OF 1.2 SQUARE FEET MOUNTED ON A 35'-0" SINGLE DAVIT ARM.



A		DATE	REVISION
ALUMINUM DAVIT POLE 10" x 6" x 35' FOR ARTERIAL STREETS			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING			
DRAFTSMAN:	G.M. PADIYAR	DWG. NO. 971	DATE: 04/15/13
ENGINEER:	D. LETAMENDI		
SUPERVISING ENGINEER:	R. POOL		
ENGINEER OF ELECTRICITY:	J. L. R. COO		
DEPUTY COMMISSIONER:	David Burke	SCALE: NONE	DATE: 04/15/13
SIZE:			

LIGHTING DETAIL NOTES:

1. THE LIGHT POLE SHALL HAVE A BLACK ANODIZED FINISH.
2. PROPOSED LIGHT POLE SHALL BE PAID FOR UNDER "LIGHT POLE, ALUMINUM, 35 FT. M.H., 15 FT. DAVIT ARM", SEE SPECIAL PROVISIONS.
3. PROPOSED LED ROADWAY COBRAHEAD LUMINAIRE WITH SMART NODE PAID FOR UNDER "LUMINAIRE, LED, SPECIAL", SEE SPECIAL PROVISIONS.

FILE NAME:	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
N:\INCOLNWOOD\140090\C1401\Mech\LD1_140090.C1401.16.sht		DRAWN - RJJ	REVISED -
PLOT SCALE = 28"		CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

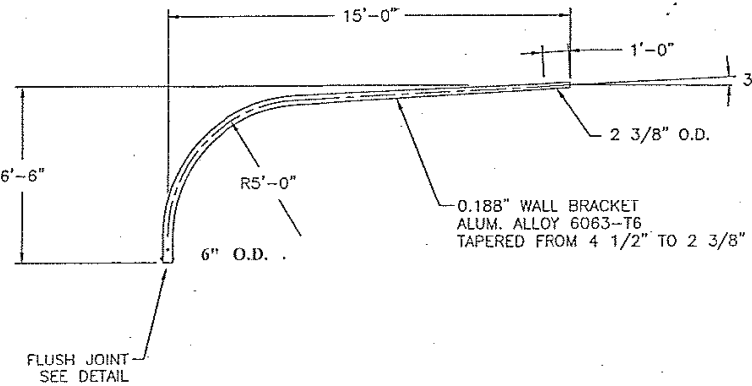
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (10 OF 14)
SCALE: NO SCALE SHEET 10 OF 14 SHEETS STA. TO STA.

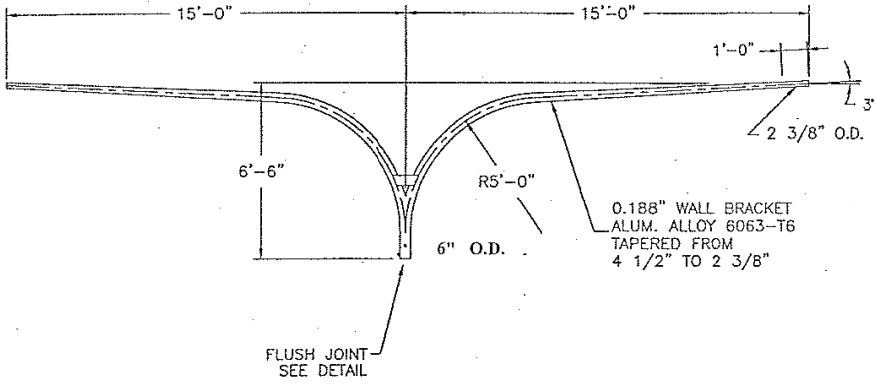
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	134
CONTRACT NO. 61L92				ILLINOIS FED. AID PROJECT

LIGHTING DETAIL NOTES:

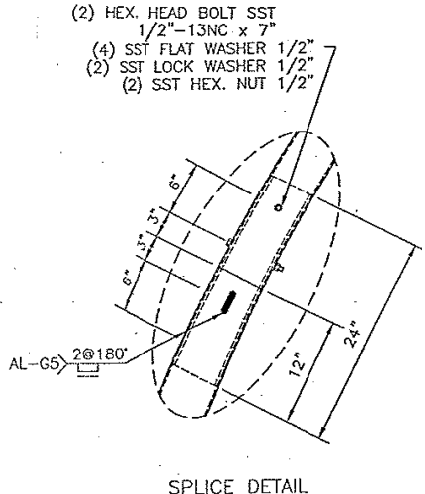
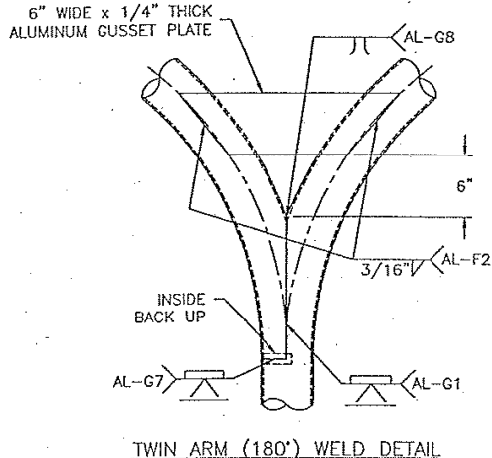
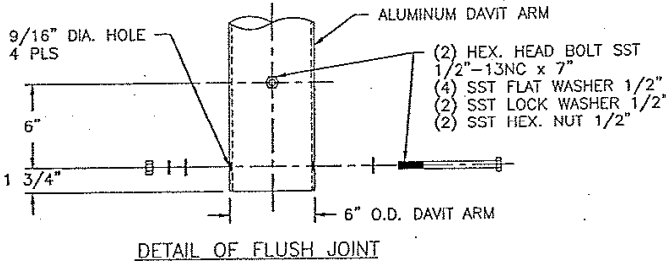
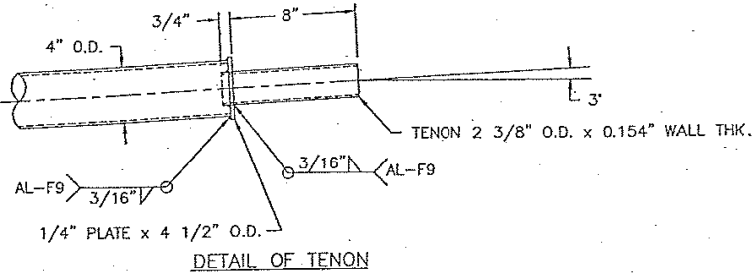
1. THE DAVIT ARM SHALL HAVE A BLACK ANODIZED FINISH TO MATCH LIGHT POLE.



SINGLE DAVIT ARM



TWIN DAVIT ARM AT 180°



REVISED	6-15-2012
ALUMINUM DAVIT ARM	
6" x 15'-0"	
CITY OF CHICAGO	
DEPARTMENT OF TRANSPORTATION	
DIVISION OF ELECTRICAL OPERATIONS	
DRAFTSMAN	CHIEF DRAFTSMAN
SUPERVISING ENGINEER	ELEC. DESIGN ENGINEER
ENGINEER OF ELECTRICITY	DWG. NO.
GEN'L Supt. OF CONSTRUCTION	950
DEPUTY COMMISSIONER	DATE: 1-27-02
SIZE: 1	SCALE: 1/4"

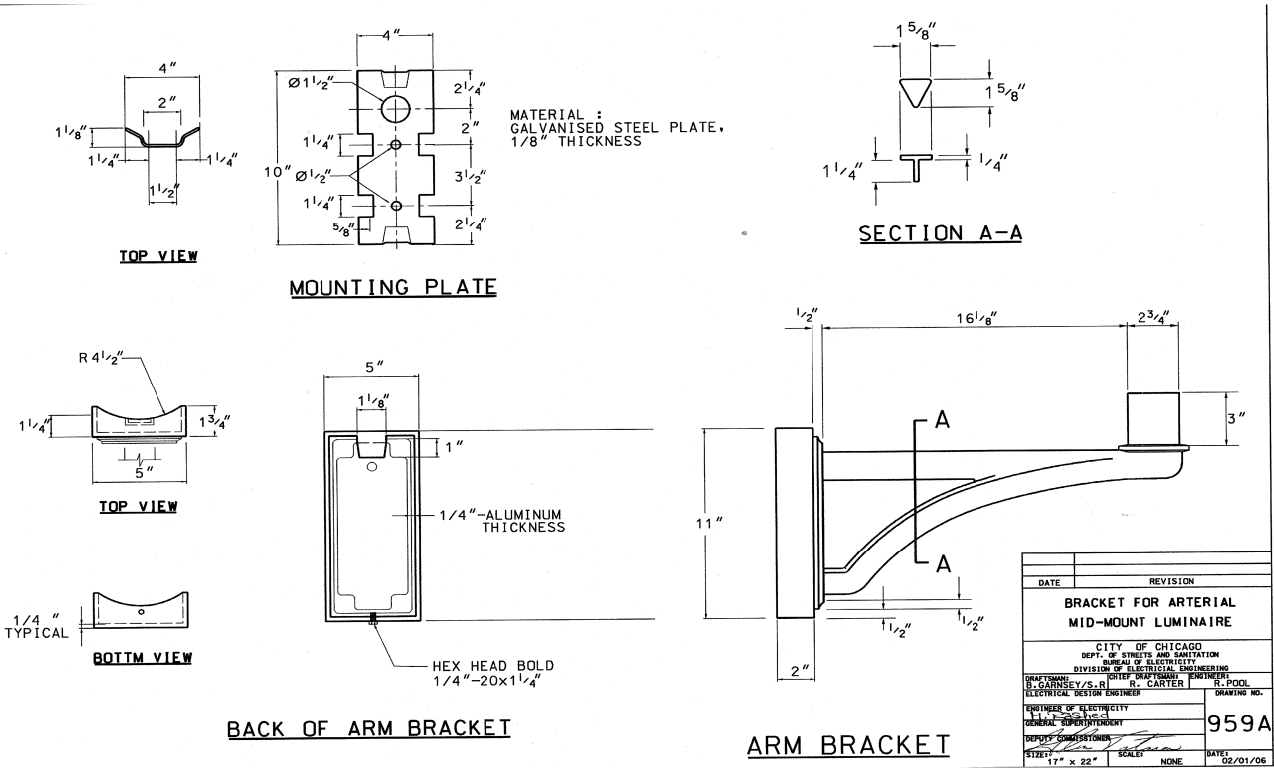
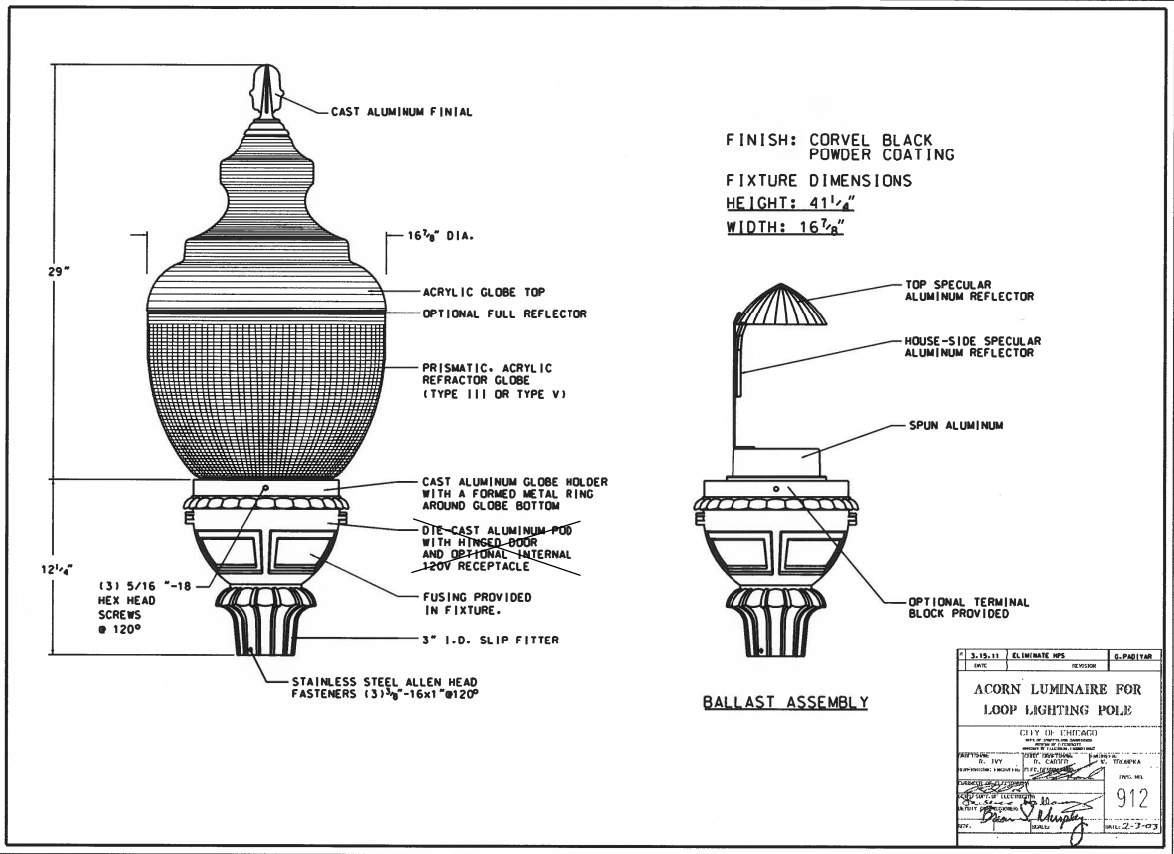
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		CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

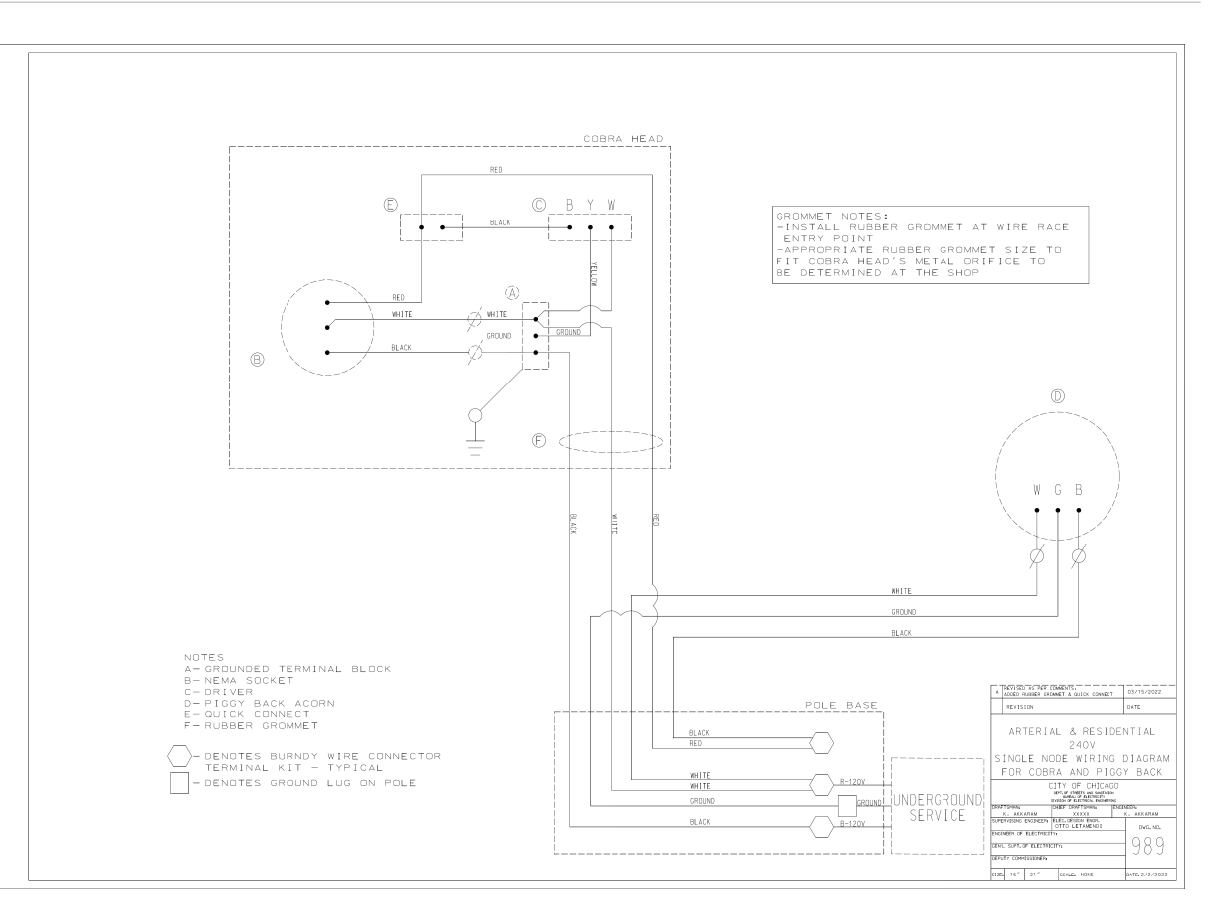
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (11 OF 14)

SCALE: NO SCALE SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	135
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				



- LIGHTING DETAIL NOTES:**
1. FIXTURE AND ARM SHALL HAVE BLACK FINISH TO MATCH LIGHT POLE.
 2. PROPOSED LED ACORN LUMINAIRE, ARM, AND SMART NODE SHALL BE PAID FOR UNDER "LUMINAIRE (SPECIAL)", SEE SPECIAL PROVISION.



FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
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	PLOT SCALE = 28"	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

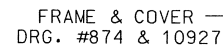
DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
 CITY OF CHICAGO LIGHTING DETAILS (12 OF 14)

SCALE: NO SCALE SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	136
				CONTRACT NO. 61L92
ILLINOIS FED. AID PROJECT				

1. NO SPLICES SHALL BE ALLOWED IN PROPOSED MANHOLES OR HANDHOLES.

3. PROPOSED CONCRETE HANDHOLE SHALL BE PAID FOR UNDER "HEAVY-DUTY HANDHOLE (SPECIAL)", SEE SPECIAL PROVISION.



SEE DETAIL
ROOF OF
HANDHOLE

INSTALL BED OF MORTAR
BETWEEN ROOF & HANDHOLE

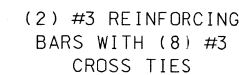
REINF. WIRE
MESH-6"x6"

SEE DETAIL
FLOOR OF
HANDHOLE

TOP VIEW
FRAME, COVER & TOP
OF HANDHOLE REMOVED

- (1) PRE-CAST HANDHOLE SHALL INCLUDE CABLE HOOKS AND CONDUIT KNOCK-OUTS.
- (2) PRE-CAST ROOF & FLOOR SHALL INCLUDE LIFTING EYES.
- (3) THESE ITEMS ARE FOR POURED-IN-PLACE HANDHOLES ONLY.

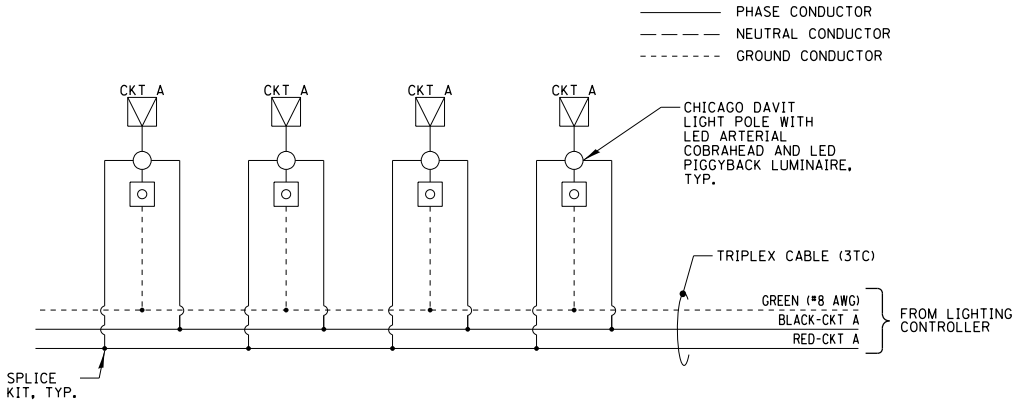
- 1 - 8" BED OF STONE FOR DRAINAGE.
- 2 - ALL METALLIC CONDUIT(S) ENTERING HANDHOLE SHALL EXTEND MIN. 1" & MAX. OF 3" INSIDE INNER WALL & BE EQUIPPED WITH AN APPROVED TYPE THREADED GROUNDING BUSHING.



— (2) #4 REINFORCING
BARS USED AS
LIFTING EYES

DETAIL-ROOF & FLOOR OF HANDHOLE

	DATE	REVISION	
B	01-23-00	ADDED CABLE HOOKS PER COMMISSIONER MURPHY	(RC/R)
A		REDRAW (CAD.)	MP
<p>36" DIA. HEAVY DUTY CONCRETE HANDHOLE WITH 30" FRAME & COVER FOR STREET INSTALLATION</p>			
<p>CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING</p>			
DRAFTSMAN M. PATTON		CHIEF DRAFTSMAN B. CARTER	ENGINEER: W. TROMPAC M. DEBARTOLO
SUPERVISING ENGINEER <i>[Signature]</i>		ELEC. DESIGN ENGR. <i>[Signature]</i>	<p>DWG. NO.</p> <p>871</p>
ENGINEER OF ELECTRICITY			
GEN'L. Supt. OF ELECTRICITY			
DEPUTY COMMISSIONER <i>[Signature]</i>			
SIZE: 17"	22"	SCALE: NONE	DATE: 1-12-91

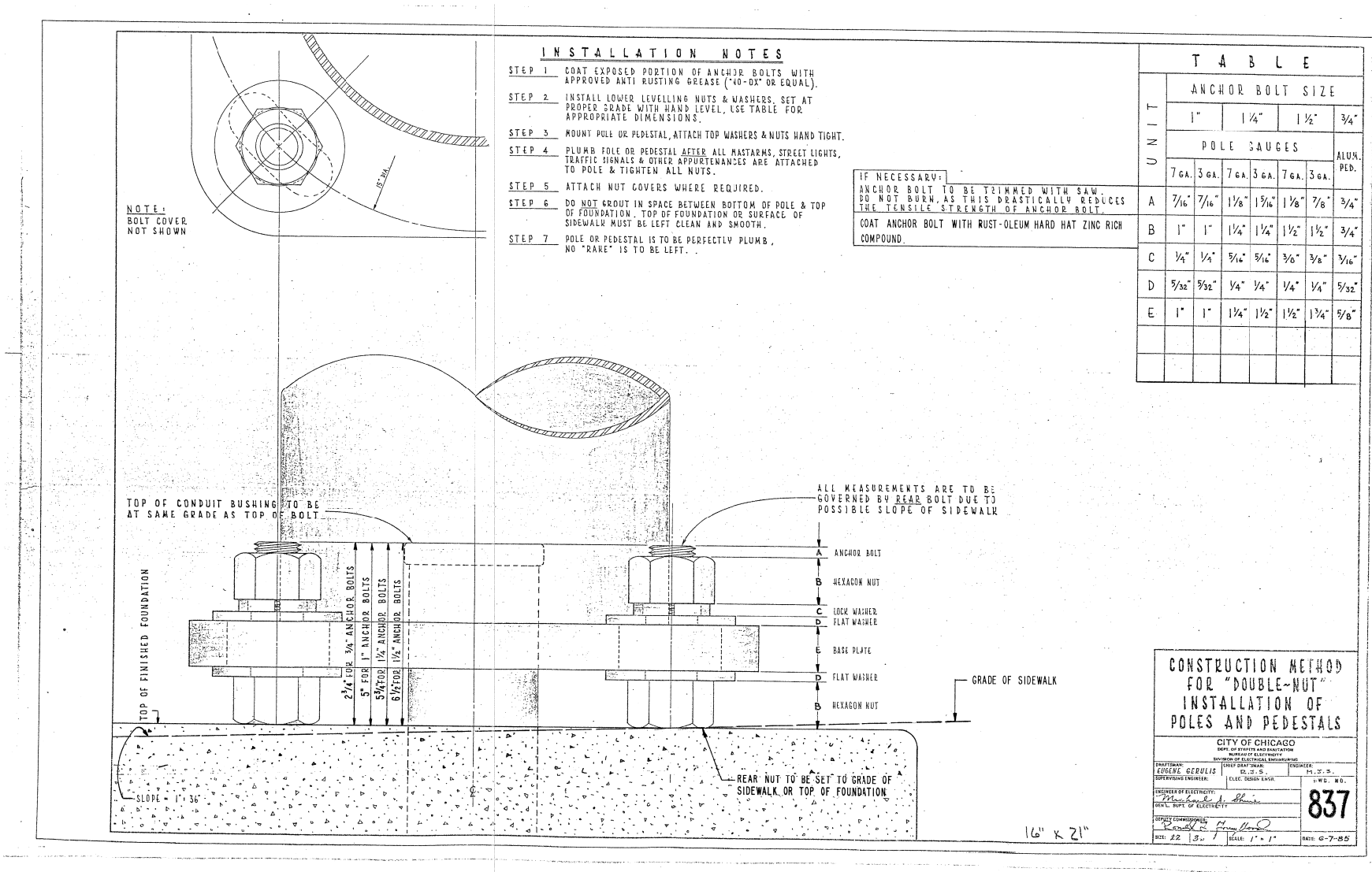


NOTES:

1. ABOVE WIRING DIAGRAM REPRESENTS LIGHTING CIRCUITS FOR A TYPICAL CITY BLOCK.
2. SEE CDOT STANDARD DETAIL 989 FOR WIRING DIAGRAM, CABLE AND CONDUIT SIZE AS SHOWN ON PLANS.

TYPICAL LIGHTING CIRCUIT WIRING DIAGRAM

N.T.S.



LIGHTING DETAIL NOTES:

1. NO FUSES ARE ALLOWED ON LUMINAIRE BRANCH CIRCUIT CABLES IN ACCORDANCE WITH CDOT STANDARDS.

FILE NAME =	USER NAME = mgrotzke	DESIGNED - RJJ	REVISED -
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	PLOT SCALE = 20'	CHECKED - AJD	REVISED -
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)
CITY OF CHICAGO LIGHTING DETAILS (14 OF 14)

SCALE: NO SCALE SHEET 14 OF 14 SHEETS STA. TO STA.

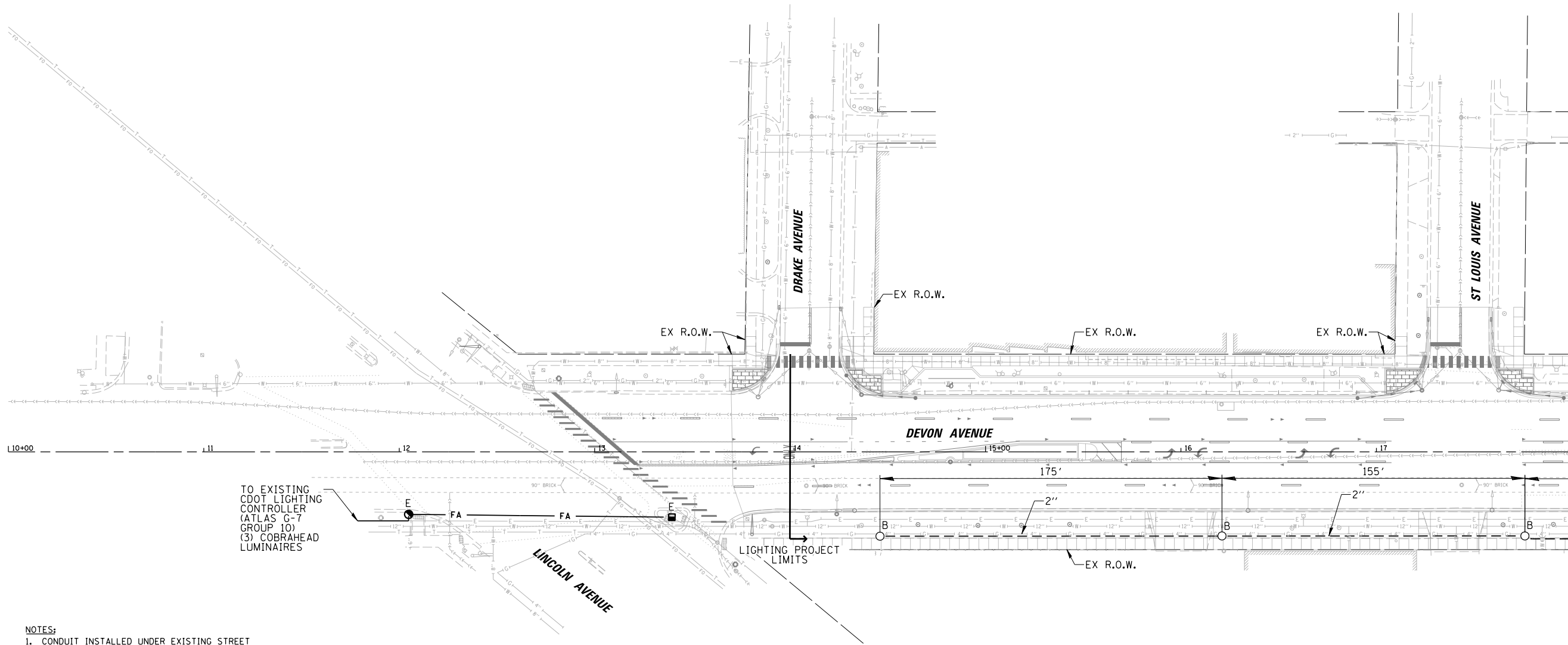
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS	COOK	167	138
CONTRACT NO. 61L92				
ILLINOIS FED. AID PROJECT				

**NOTICE:
THIS SHEET IS FOR CDOT RECORD
DRAWING PURPOSED ONLY.**

CB **CHRISTOPHER B. BURKE ENGINEERING, LTD.**
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

9/26/2025 PRINT SCALE:1"= 29' N:\LINCOLNWOOD\140090\B\C1401\B\Mech\BCDOT_140090.C1401_01.sh+

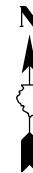
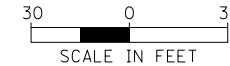
9/26/2025 9:26 AM C:\Users\jburke\OneDrive\Documents\CDOT\140090\C1401_02.sht



NOTES:

- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS & DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS & SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
- CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC AND HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.

NOTICE:
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DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- 15 1/5" SQUARE x 7" DEEP METAL HELIX FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 936)
- B- 28"x7' 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 937A)
- C- 200A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION (SEE CHICAGO DWG NO. 785 AND 880)
- D- 200A SERVICE DISCONNECT BOX MOUNTED TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E- EXISTING CONCRETE OR HELIX FOUNDATION/LIGHT POLE TO REMAIN
- F- 36" HEAVY DUTY HANDHOLE WITH 30" FRAME AND COVER (CHICAGO DWG NO. 871 AND 872)

LIGHTING LEGEND

--- PROPOSED UNDERGROUND CONDUIT INSTALLED IN TRENCH (NOTE 2)

CB **CHRISTOPHER B. BURKE ENGINEERING, LTD.**
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Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING UNDERGROUND
CONDUIT FACILITIES PLAN
STA. 10+00 TO STA. 18+00

CITY OF CHICAGO

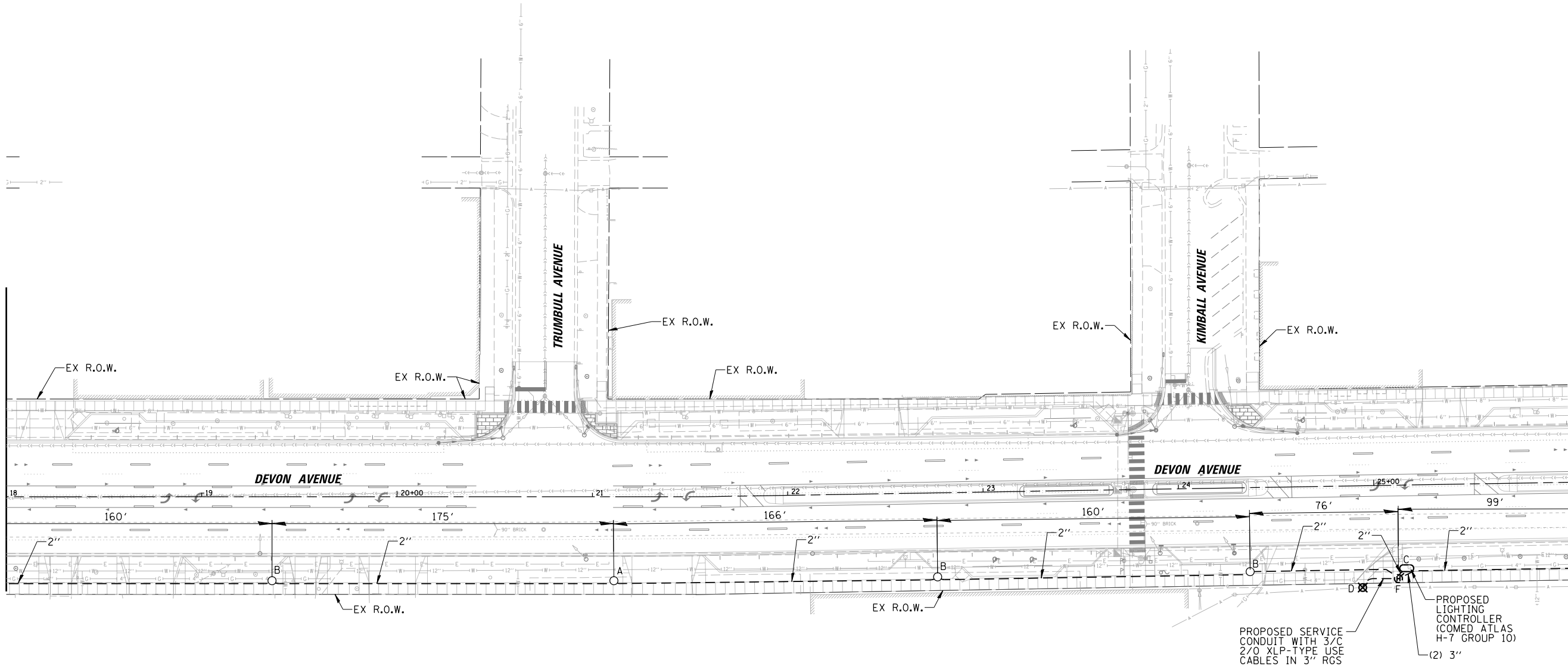
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-343

OUC EFP#	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 140 OF 167

9/26/2025 9:26 AM C:\Users\jburke\OneDrive\Desktop\140090\C1401\Mech\CDOT_140090_C1401_03.sht

MATCH LINE STA. 18 + 00

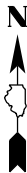


NOTES:

- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS & DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS & SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
- CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC AND HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.

NOTICE:
THIS SHEET IS FOR CDOT RECORD
DRAWING PURPOSED ONLY.

30 0 30
SCALE IN FEET



LIGHTING IDENTIFIERS

- A - 15 1/5" SQUARE x 7" DEEP METAL HELIX FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 936)
- B - 28"x7", 1 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 937A)
- C - 200A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION (SEE CHICAGO DWG NO. 785 AND 880)
- D - 200A SERVICE DISCONNECT BOX MOUNTED TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E - EXISTING CONCRETE OR HELIX FOUNDATION/LIGHT POLE TO REMAIN
- F - 36" HEAVY DUTY HANDHOLE WITH 30" FRAME AND COVER (CHICAGO DWG NO. 871 AND 872)

LIGHTING LEGEND

--- PROPOSED UNDERGROUND CONDUIT INSTALLED IN TRENCH (NOTE 2)



CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING UNDERGROUND
CONDUIT FACILITIES PLAN
STA. 18 + 00 TO STA. 26 + 00

CITY OF CHICAGO

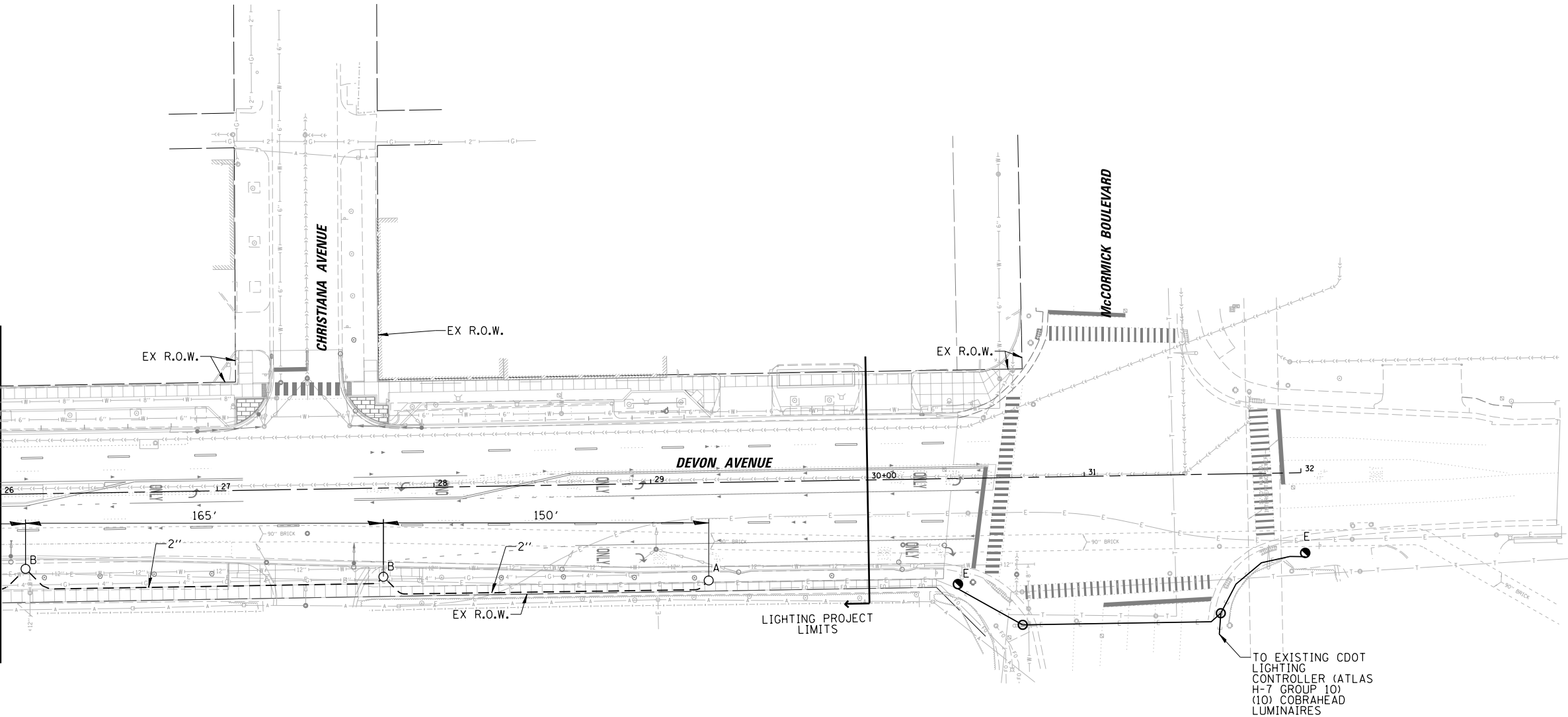
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-344

OUC EFP#	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 141 OF 167

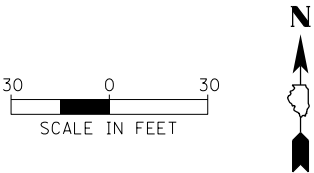
9/26/2025 9:26 AM C:\Users\jburke\OneDrive\Documents\Projects\CDOT\140090-C1401\04.sht

MATCH LINE STA. 26 + 00



- NOTES:
- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS & DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS & SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
 - CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC AND HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.

NOTICE:
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DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- 15 1/5" SQUARE x 7' DEEP METAL HELIX FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 936)
- B- 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR DAVIT LIGHT POLE (CHICAGO DWG NO. 937A)
- C- 200A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION (SEE CHICAGO DWG NO. 785 AND 880)
- D- 200A SERVICE DISCONNECT BOX MOUNTED TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E- EXISTING CONCRETE OR HELIX FOUNDATION/LIGHT POLE TO REMAIN
- F- 36" HEAVY DUTY HANDHOLE WITH 30" FRAME AND COVER (CHICAGO DWG NO. 871 AND 872)

LIGHTING LEGEND

--- PROPOSED UNDERGROUND CONDUIT INSTALLED IN TRENCH (NOTE 2)

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9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE IMPROVEMENTS

LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING UNDERGROUND
CONDUIT FACILITIES PLAN
STA. 26 + 00 TO STA. 32 + 00

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.: 140090-C1401 DEO SHEET NUMBER
DATE: 09-25-25 **25-345**

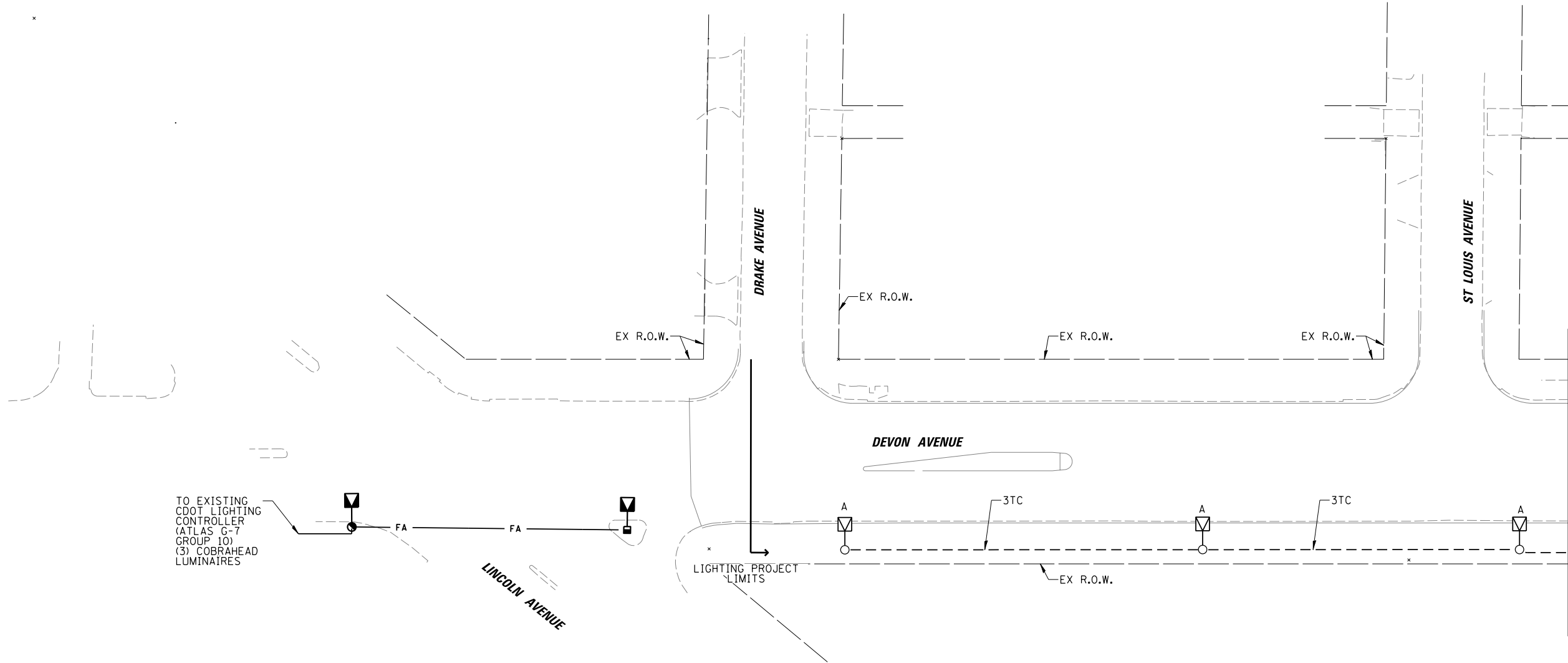
OUC EFP#	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 142 OF 167

9/26/2025 9:29' PRINT SCALE: 1" = 25' N:\LINCOLN\WOOD\B140090\C1401\Mech\CDOT_140090-C1401_05.sht

NOTES:

- CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND RECEPTACLE CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING BRANCH CIRCUITS.
- ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES.
- ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.

NOTICE:
THIS SHEET IS FOR CDOT RECORD
DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- 35' ALUMINUM DAVIT LIGHT POLE PAINTED BLACK ANODIZED WITH A 149W LED COBRAHEAD LUMINAIRE WITH TYPE II OPTICS, 3000K CCT AND SMART NODE, 35' LUMINAIRE MH, 15' ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14' (SIDEWALK SIDE)
- B- 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (SEE CHICAGO DWG NO. 785, 880, 983 AND 984)
- C- PROPOSED 200A ELECTRIC SERVICE INSTALLATION ON AN EXISTING COM ED WOOD POLE (SEE CHICAGO DWG NO. 893 AND 11925)



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9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION
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REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING
INSTALLATION PLAN
(SHEET 1 OF 3)

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

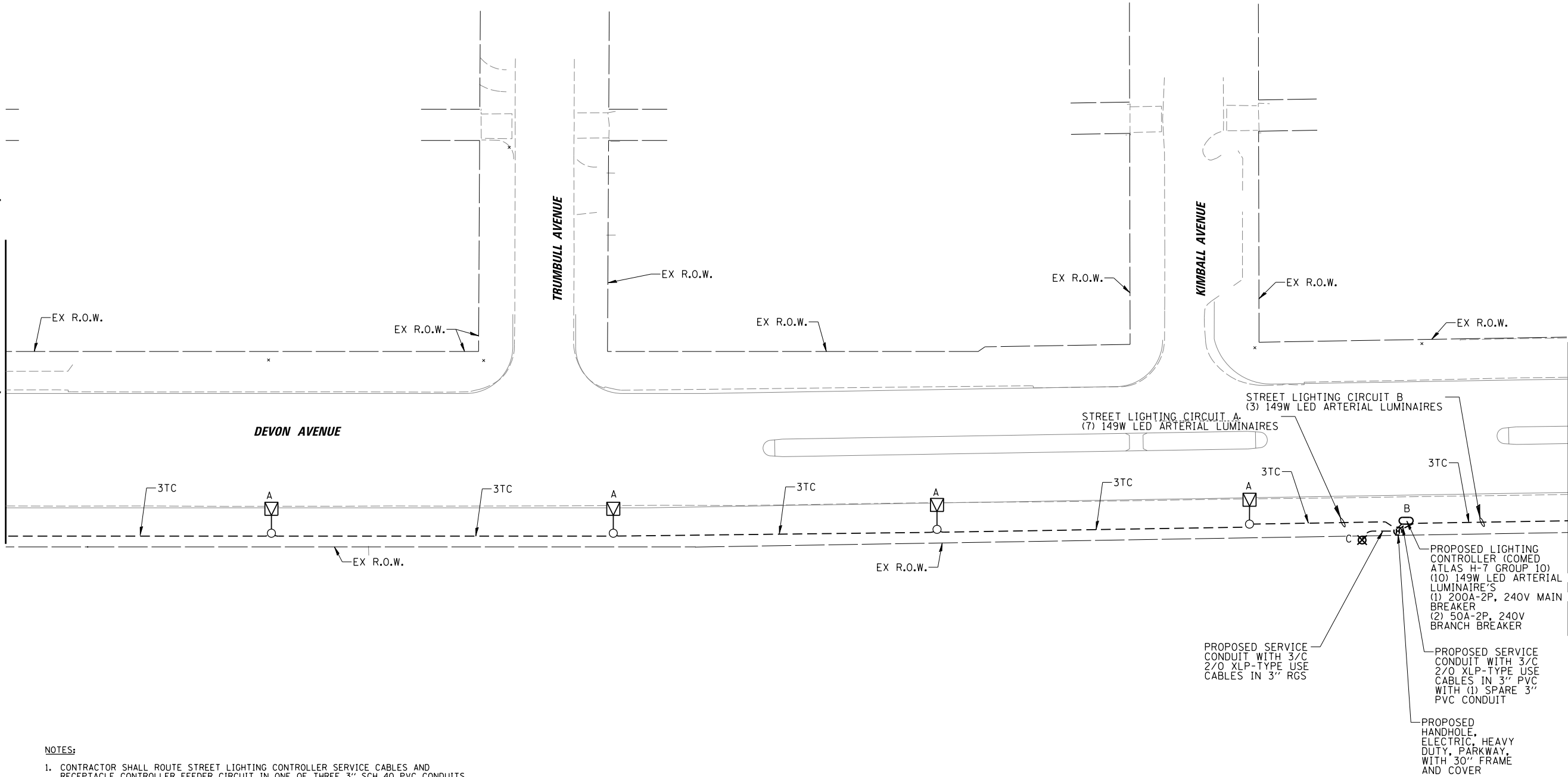
PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-346

OUC EFP*	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 143 OF 167



MATCH LINE STA. (SEE SHEET 25-347)

MATCH LINE STA. (SEE SHEET 25-346)



- NOTES:
- CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND RECEPTACLE CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING BRANCH CIRCUITS.
 - ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES.
 - ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.

NOTICE:
THIS SHEET IS FOR CDOT RECORD
DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- 35' ALUMINUM DAVIT LIGHT POLE PAINTED BLACK ANODIZED WITH A 149W LED COBRAHEAD LUMINAIRE WITH TYPE II OPTICS, 3000K CCT AND SMART NODE, 35' LUMINAIRE MH, 15' ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14' (SIDEWALK SIDE)
- B- 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (SEE CHICAGO DWG NO. 785, 880, 983 AND 984)
- C- PROPOSED 200A ELECTRIC SERVICE INSTALLATION ON AN EXISTING COM ED WOOD POLE (SEE CHICAGO DWG NO. 893 AND 11925)



CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION
-----	----	------	-------------

REVISIONS

DEVON AVENUE IMPROVEMENTS

LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING
INSTALLATION PLAN
(SHEET 2 OF 3)

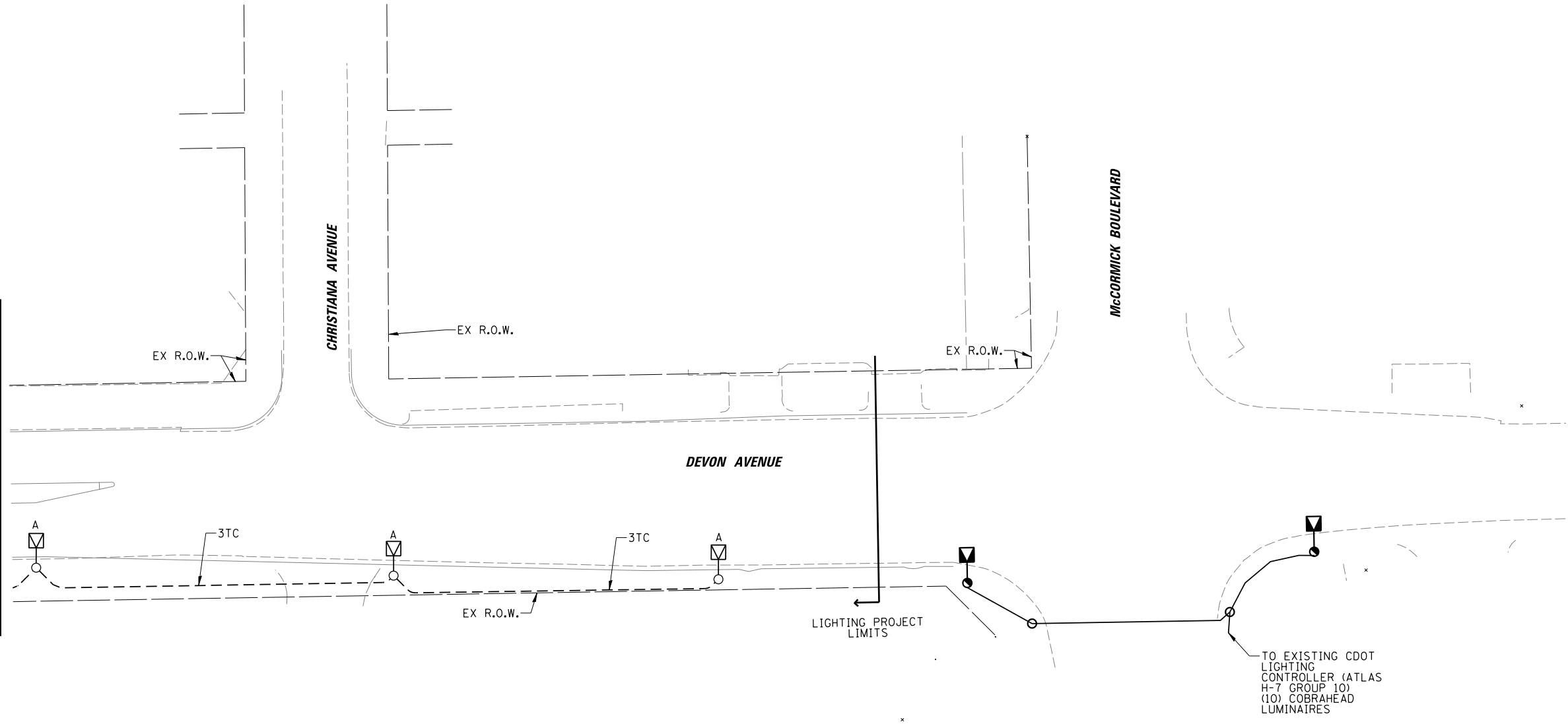
CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-347

OUC EFP*	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 144 OF 167

MATCH LINE STA. (SEE SHEET 25-347)



NOTES:

- CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND RECEPTACLE CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING BRANCH CIRCUITS.
- ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES.
- ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.

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DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- 35' ALUMINUM DAVIT LIGHT POLE PAINTED BLACK ANODIZED WITH A 149W LED COBRAHEAD LUMINAIRE WITH TYPE II OPTICS, 3000K CCT AND SMART NODE, 35' LUMINAIRE MH, 15' ARM WITH 60W LED PIGGYBACK ACORN LUMINAIRE MOUNTED AT 14' (SIDEWALK SIDE)
- B- 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (SEE CHICAGO DWG NO. 785, 880, 983 AND 984)
- C- PROPOSED 200A ELECTRIC SERVICE INSTALLATION ON AN EXISTING COM ED WOOD POLE (SEE CHICAGO DWG NO. 893 AND 11925)

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
STREET LIGHTING
INSTALLATION PLAN
(SHEET 3 OF 3)

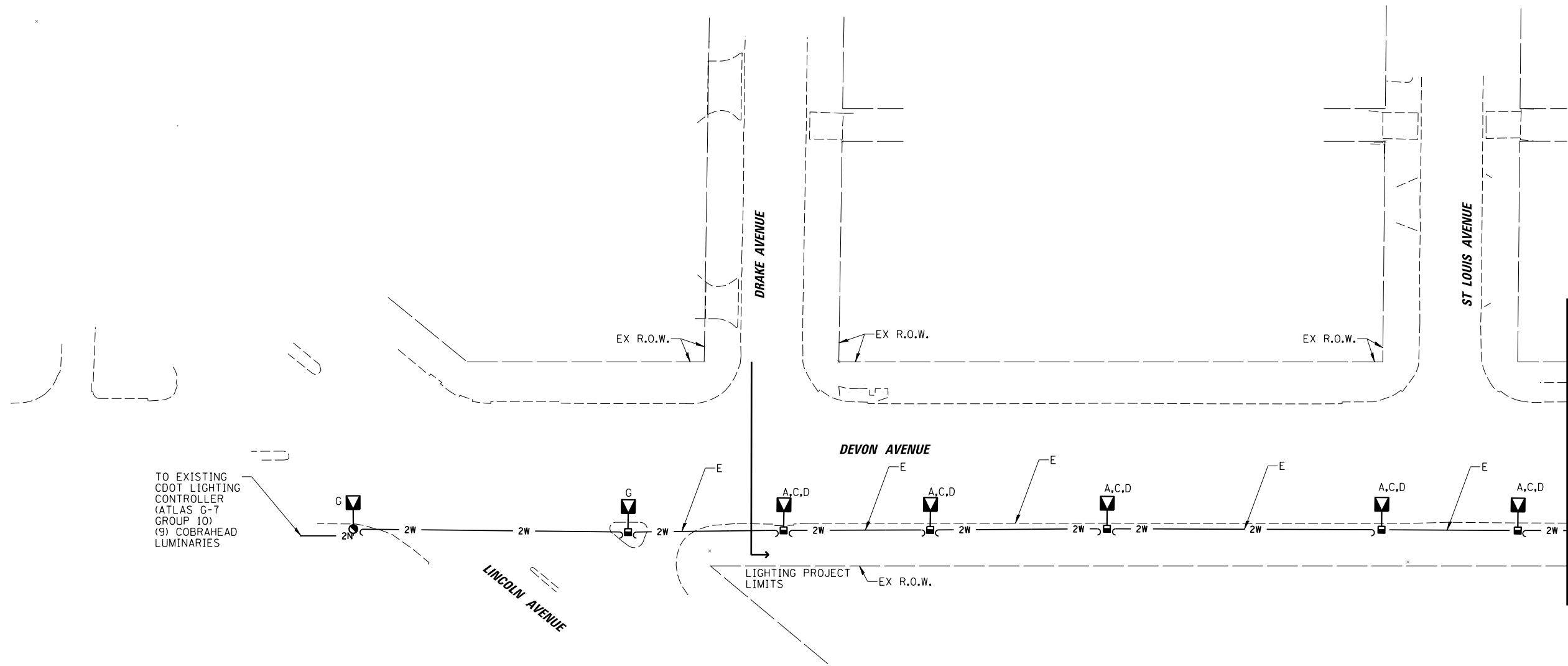
CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-348

OUC EFP#	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 145 OF 167

9/26/2025 9:29' PRINT SCALE: 1" = 20' N:\BL\INC\LINWOOD\B140090\B140090-C1401\Mech\CDOT_140090-C1401_08.sht



NOTES:

1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, METAL HELIX FOUNDATIONS AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.

NOTICE:
THIS SHEET IS FOR CDOT RECORD
DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A - REMOVE EXISTING STEEL ANCHOR BASE LIGHT POLE, LUMINAIRE(S) AND LUMINAIRE ARM(S) (SEE NOTE 3)
- B - REMOVE EXISTING LUMINAIRE(S) AND LUMINAIRE MAST ARM(S) (SEE NOTE 3)
- C - BREAKDOWN LIGHT POLE FOUNDATION
- D - REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
- E - REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
- F - REMOVAL CABLES IN CONDUIT AND ABANDON CONDUIT (SEE NOTE 2)
- G - EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN



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Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
EXISTING STREET LIGHTING
REMOVAL PLAN
(SHEET 1 OF 3)

CITY OF CHICAGO

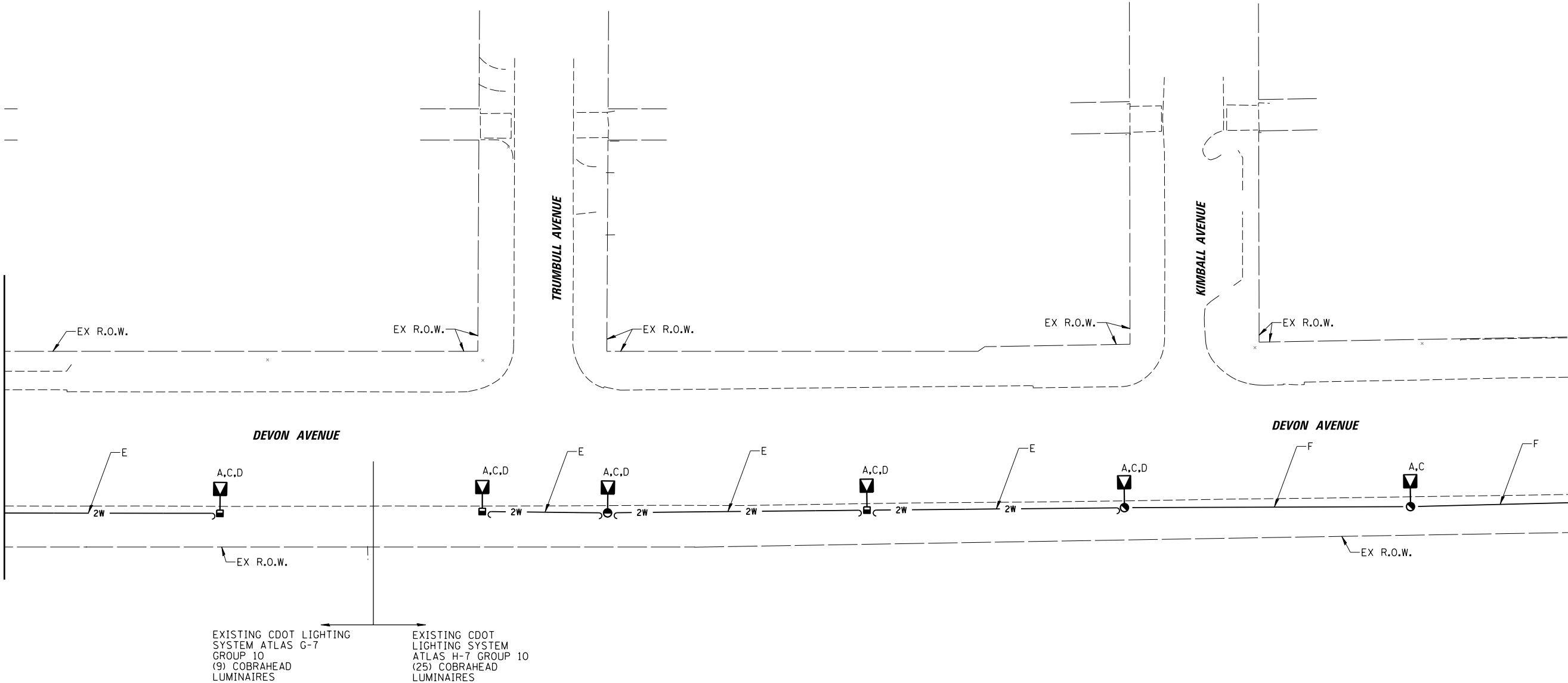
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-349

OUC EFP*	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 146 OF 167

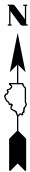
9/26/2025 9:26 AM C:\Users\jburke\OneDrive\Documents\Projects\CDOT\140090\C1401\09.sht

MATCH LINE STA. (SEE SHEET 25-349)



- NOTES:
- THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
 - THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
 - CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, METAL HELIX FOUNDATIONS AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.

NOTICE:
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DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A - REMOVE EXISTING STEEL ANCHOR BASE LIGHT POLE, LUMINAIRE(S) AND LUMINAIRE ARM(S) (SEE NOTE 3)
- B - REMOVE EXISTING LUMINAIRE(S) AND LUMINAIRE MAST ARM(S) (SEE NOTE 3)
- C - BREAKDOWN LIGHT POLE FOUNDATION
- D - REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
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- G - EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN

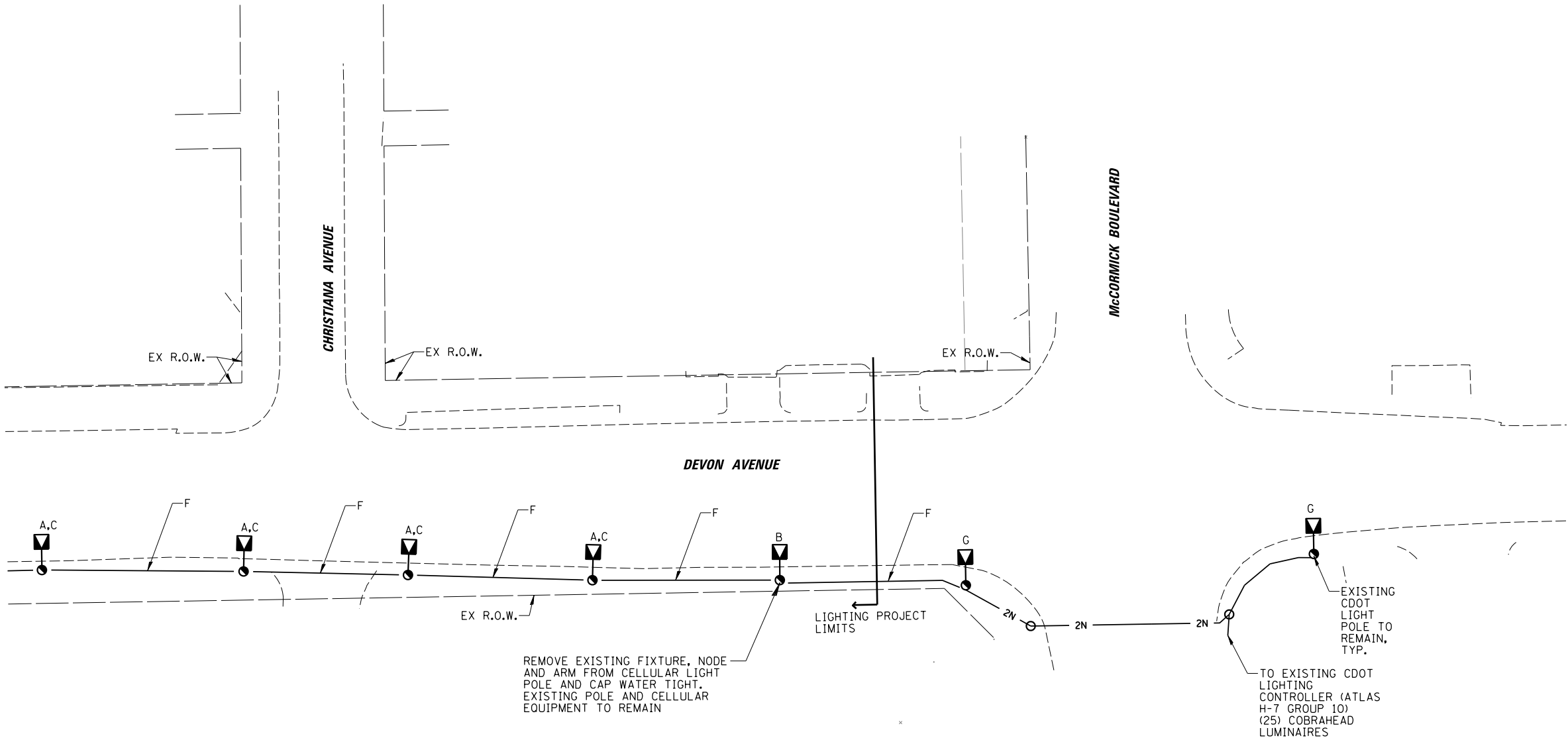
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(847) 823-0500

MATCH LINE STA. (SEE SHEET 25-351)

NO.	BY	DATE	DESCRIPTION
REVISIONS			
DEVON AVENUE IMPROVEMENTS LINCOLN AVE TO MCCORMICK BLVD			
FOR CDOT INFORMATION ONLY EXISTING STREET LIGHTING REMOVAL PLAN (SHEET 2 OF 3)			
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
PROJECT NO.: 140090-C1401		DEO SHEET NUMBER	
DATE: 09-25-25		25-350	
OUC EFP*	DSGN	DRAWN	CHECK
ATLAS:	RJJ	RJJ	AJD
		SHEET NUMBER	
		SHEET 147 OF 167	

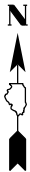
9/26/2025 9:29' PRINT SCALE: 1"= 20' N:\INC\COL\WOOD\B140090\B1401\Mech\CDOT_140090-C1401-10.sht

MATCH LINE STA. (SEE SHEET 25-350)



- NOTES:
1. THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO FOR REVIEW AND APPROVAL.
 2. THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
 3. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, METAL HELIX FOUNDATIONS AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE INSPECTOR/ENGINEER.

NOTICE:
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DRAWING PURPOSED ONLY.



LIGHTING IDENTIFIERS

- A- REMOVE EXISTING STEEL ANCHOR BASE LIGHT POLE, LUMINAIRE(S) AND LUMINAIRE ARM(S) (SEE NOTE 3)
- B- REMOVE EXISTING LUMINAIRE(S) AND LUMINAIRE MAST ARM(S) (SEE NOTE 3)
- C- BREAKDOWN LIGHT POLE FOUNDATION
- D- REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
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- G- EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN

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Rosemont, Illinois 60018
(847) 823-0500

NO.	BY	DATE	DESCRIPTION

REVISIONS

DEVON AVENUE
IMPROVEMENTS
LINCOLN AVE TO MCCORMICK BLVD

FOR CDOT INFORMATION ONLY
EXISTING STREET LIGHTING
REMOVAL PLAN
(SHEET 3 OF 3)

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	140090-C1401	DEO SHEET NUMBER
DATE:	09-25-25	25-351

OUC EFP*	DSGN	DRAWN	CHECK	SHEET NUMBER
ATLAS:	RJJ	RJJ	AJD	SHEET 148 OF 167

APPROVED LIST OF DETECTABLE WARNING PRODUCTS

EJ AMERICAS (EAST JORDAN CORPORATE)
301 SPRING STREET
PO BOX 439
EAST JORDAN, MI 49727
(800) 874-4100
EJCO.COM

NEENAH FOUNDRY
2121 BROOKS AVENUE
NEENAH, WI 54956
GROUPNEI.COM
(920) 725-7000

PIONEER DETECTABLE, LLC
N8060 MAPLE STREET
IXONIA, WI 53036
(262) 370-5355
CASTOWD.COM

ADVANTAGE CAST IRON
241 MAIN STREET, SUITE 100
BUFFALO, NY 14203
(800) 679-4022
ADVANTAGETACTILE.COM

DETECTTILE CORPORATION
13491 SUMTER LANE
NAPLES, FL 34109
(630) 400-2956
DETECTTILE.COM

TUFTILE
905 TELSER ROAD
LAKE ZURICH, IL 60047
(888) 960-8897
TUFTILE.COM

ADA SOLUTIONS, INC
323 ANDOVER STREET - SUITE 3
WILMINGTON, MA 01887
(844) 339-5967
ADATILE.COM

EQUALTILE
1025 BLANTON STREET
TITUSVILLE, FL 32796
(800) 996-4510
EQUALTILE.COM

NOTE:

1. ALL DETECTABLE WARNING UNITS MUST BE CAST IRON WITH A NATURAL FINISH, AND PROVIDE SUFFICIENT CONTRAST WITH THE SURROUNDING WALKWAY
2. IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION

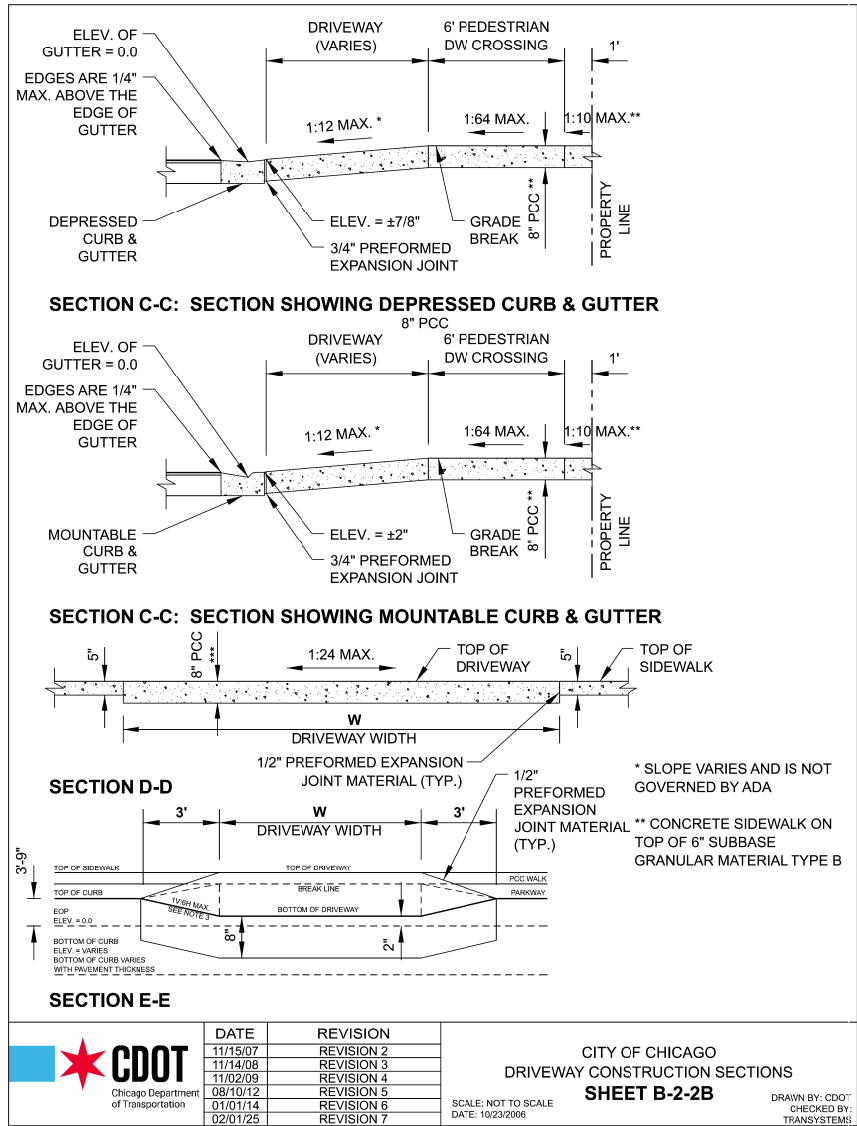
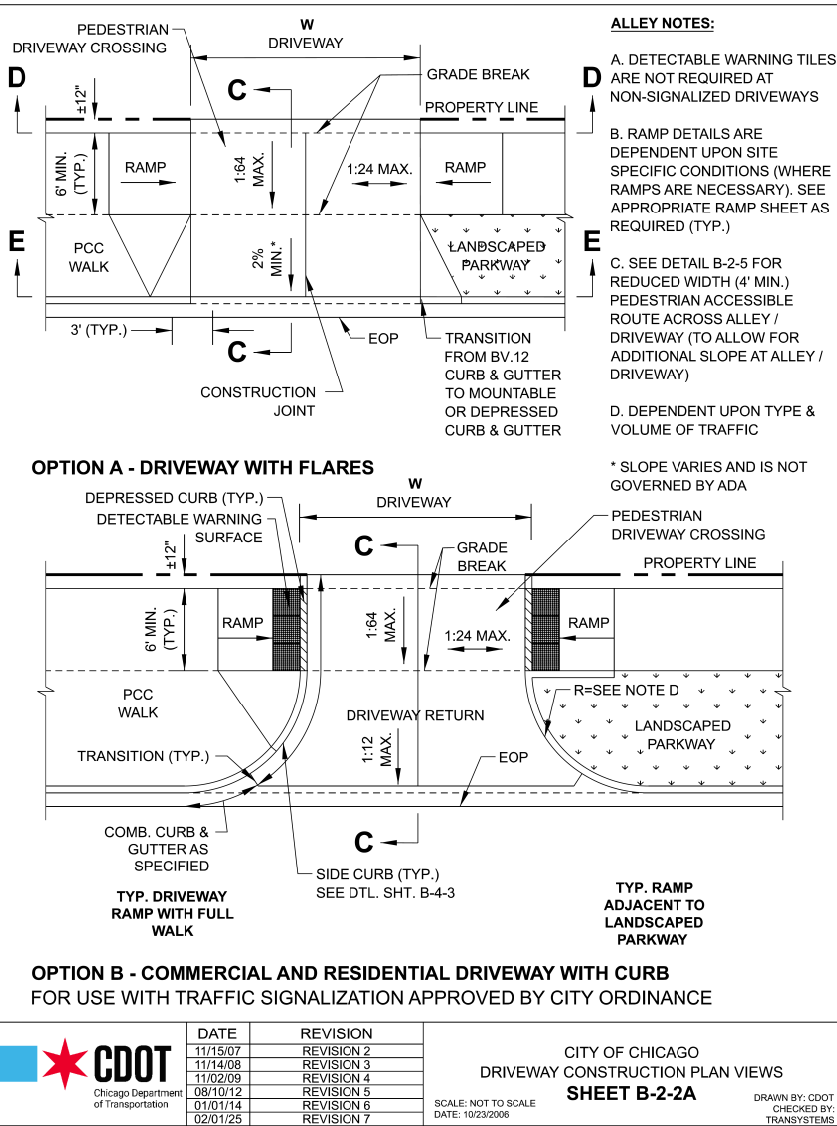


City of Chicago
Department of Transportation



DATE	REVISION	DATE	REVISION
10/23/2006	0	5/03/2012	8
5/15/2007	1	8/23/2012	9
10/15/2007	2	9/21/2012	10
11/15/2007	3	4/26/2014	11
4/13/2009	4	4/16/2019	12
5/05/2009	5	8/24/2022	13
11/02/2009	6	12/21/2022	14
10/11/2011	7		

CITY OF CHICAGO
APPROVED LIST OF
DETECTABLE WARNING PRODUCTS
December 21, 2022




TO BE USED PROJECT WIDE

FILE NAME =	USER NAME = mgratzke	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C1401\Civil\CONST	DET_C1401_03.sht	DRAWN - HSM	REVISED -		CDOT CONSTRUCTION DETAILS			1349	16-00061-00-LS	COOK	167	149
Default	PLOT SCALE = 5'	CHECKED - BLL	REVISED -		SCALE: NTS SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A			CONTRACT NO. 61L92				
	PLOT DATE = 9/26/2025	DATE = 9/26/2025	REVISED -					ILLINOIS FED. AID PROJECT				


GENERAL NOTES:

1. THE DETECTABLE WARNING TILES INSTALLED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (SEE THE CITY OF CHICAGO APPROVED DETECTABLE WARNING PRODUCT LIST). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION. IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL
2. ~~THE DETECTABLE WARNING MUST BE INSTALLED A MAXIMUM OF 8" FROM FACE TO CURB (SEE DETAIL SHEET B-4-2).~~ THE DETECTABLE TILE WARING SHALL BE INSTALLED PER CURRENT PROWAG STANDARDS
3. THE DETECTABLE WARNING MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". THE DETECTABLE WARNING LOCATED ON THE SURFACES OF RAMPS ARE TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-5). THE DETECTABLE WARNING MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT UNIT(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE UNITS SHALL BE CUT IN A NEAT AND WORKMANLIKE MANNER PER MANUFACTURER'S REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (AS APPLICABLE). THE UNITS SHALL BE ARRANGED SO THAT THE CUT TILES ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT UNITS SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM UNITS THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT UNIT SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED PROPERLY
4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL DETECTABLE WARNING UNITS MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD
5. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS
6. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0"
7. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN
8. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP
9. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:54, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED
10. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMPS SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPE OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTION TO THIS RULE MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL
11. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE EQUIPMENT OF GENERAL NOTE #19 ARE MET
12. ALL LOCATIONS WITH TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS

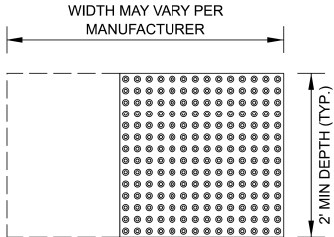
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	02/20/07	REVISION 1			
	11/15/07	REVISION 2			
	11/14/08	REVISION 3			
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	08/10/12	REVISION 5			
	02/01/25	REVISION 6			

GENERAL NOTES (CONTINUED):

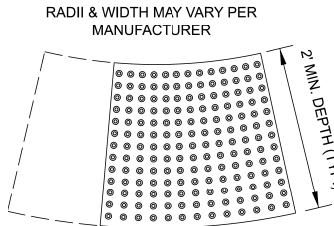
13. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, AND PARKING PAY STATION
14. IF RUNNING SLOPE OF SIDEWALK AND ALLEY ARE LESS THAN 1:50, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING TILES ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS)
15. MAINLINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER
16. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAINLINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAINLINE SIDEWALK
17. THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, PARKING PAY STATION, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS
18. CURB RAMPS AND LANDING (KEystone) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED
19. DEPRESSED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL
20. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND STATE OF ILLINOIS
21. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTREN APPROVAL FROM THE COMMISSIONER

	DATE	REVISION	<div>CITY OF CHICAGO GENERAL NOTES (CONTINUED) SHEET B-3-3</div>	SCALE: NOT TO SCALE DATE: 10/23/2006	DRAWN BY: CDOT CHECKED BY: TRANSYSTEMS
	11/15/07	REVISION 2			
	11/14/08	REVISION 3			
	11/02/09	REVISION 4			
	08/10/12	REVISION 5			
	01/01/14	REVISION 6			
	02/01/25	REVISION 7			

STRAIGHT DETECTABLE WARNING UNITS




RADIAL DETECTABLE WARNING UNITS



DETECTABLE WARNING UNIT SIZES

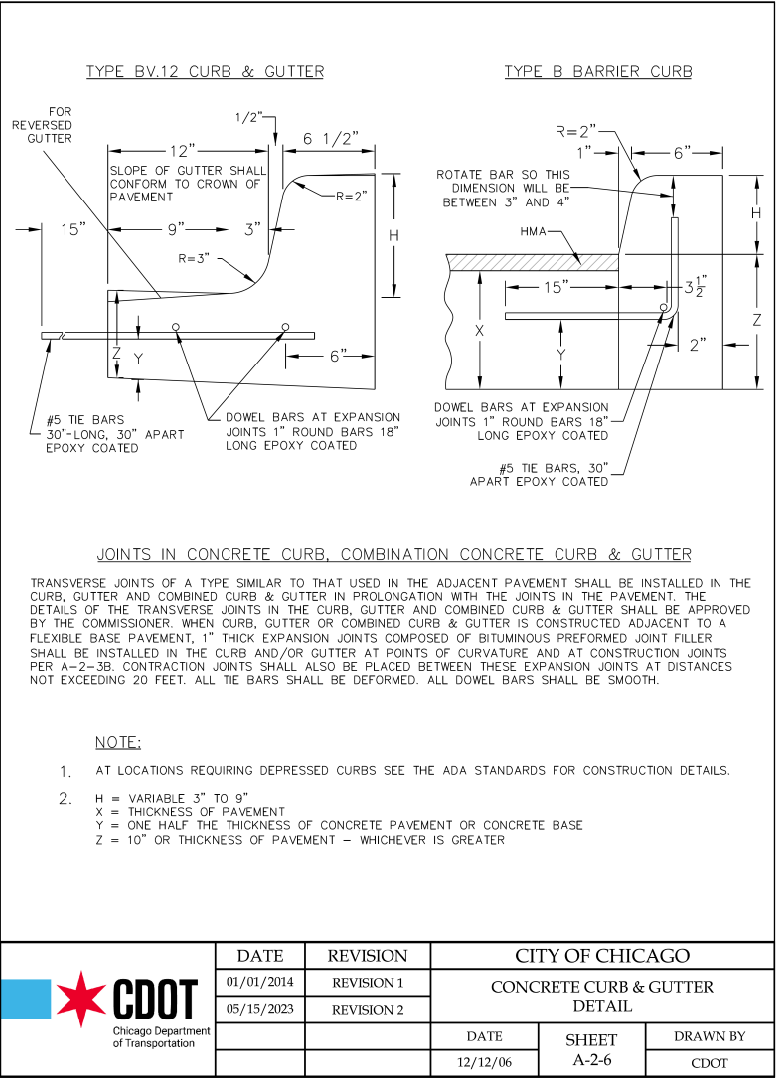
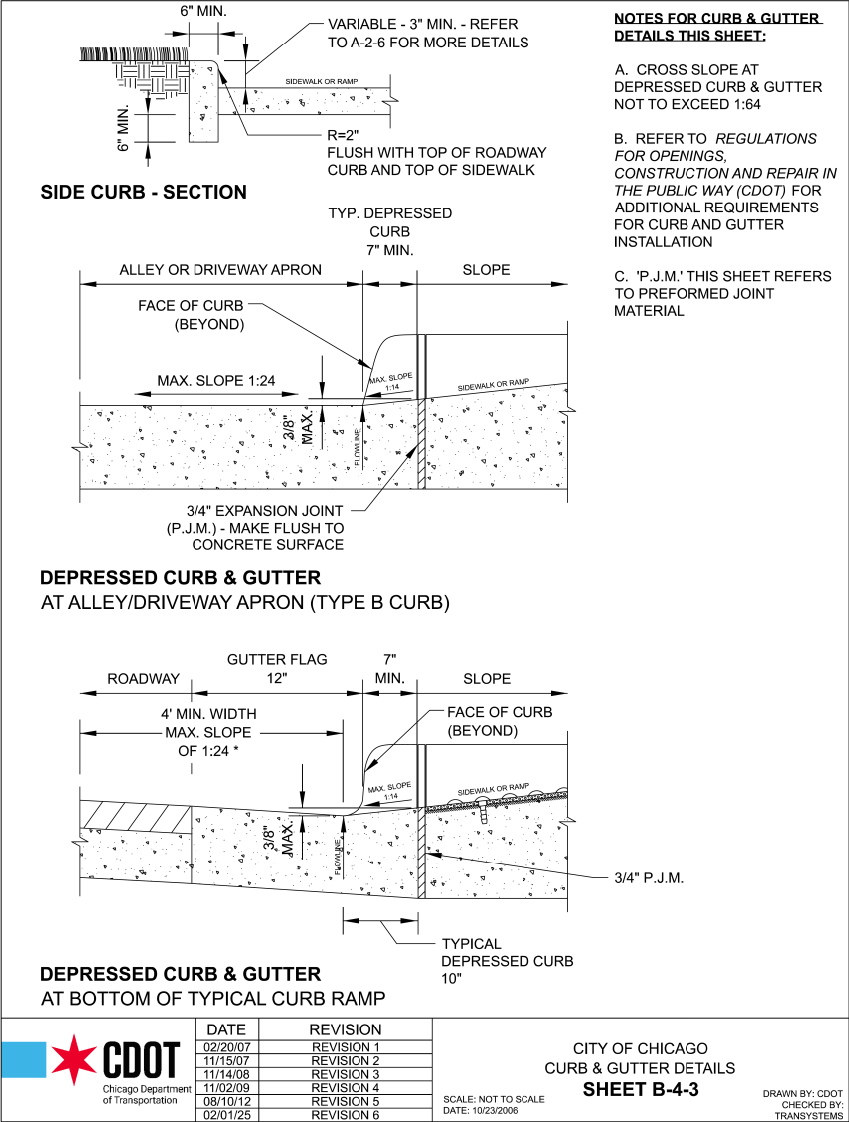
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE TILE RADII WITH THE PRODUCT MANUFACTURER

	DATE	REVISION	<div>CITY OF CHICAGO DETECTABLE WARNING TILE SIZES SHEET B-4-1</div>	SCALE: NOT TO SCALE DATE: 10/23/2006	DRAWN BY: CDOT CHECKED BY: TRANSYSTEMS
	02/20/07	REVISION 1			
	11/15/07	REVISION 2			
	11/14/08	REVISION 3			
	11/02/09	REVISION 4			
	08/10/12	REVISION 5			
	02/01/25	REVISION 6			

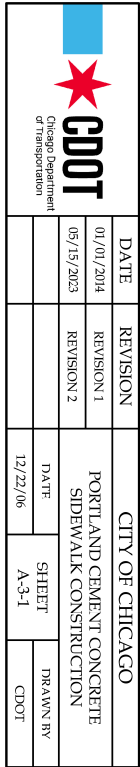
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PLOT SCALE = 5'								CHECKED - BLL				REVISED -			
PLOT DATE = 9/26/2025								DATE - 9/26/2025				REVISED -			


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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)				CDOT CONSTRUCTION DETAILS				F.A.U. RTE.			
SCALE: NTS				SHEET 2 OF 4 SHEETS				STA. N/A TO STA. N/A				SECTION			
												COUNTY			
												TOTAL SHEETS			
												CONTRACT NO. 61L92			
												SHEET NO.			
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												ILLINOIS FED. AID PROJECT			

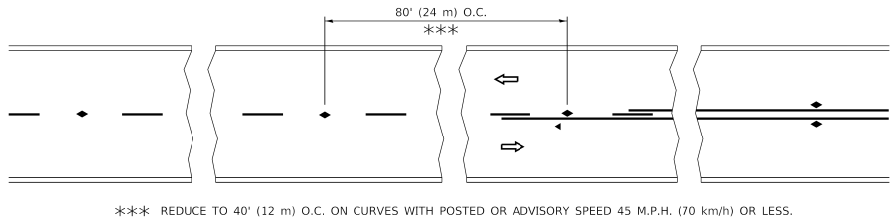


TO BE USED PROJECT WIDE																							
FILE NAME =		USER NAME = mgratzke		DESIGNED - MAG		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)					F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C1401\Civil\CONST		DET_C1401_05.sht		DRAWN - HSM		REVISED -							1349	16-00061-00-LS				COOK	167	151			
PLOT SCALE = 5'				CHECKED - BLL		REVISED -												CONTRACT NO. 61L92					
Default		PLOT DATE = 9/26/2025		DATE - 9/26/2025		REVISED -							SCALE: NTS	SHEET 3	OF 4	SHEETS	STA. N/A		TO STA. N/A				
																		ILLINOIS	FED. AID	PROJECT			

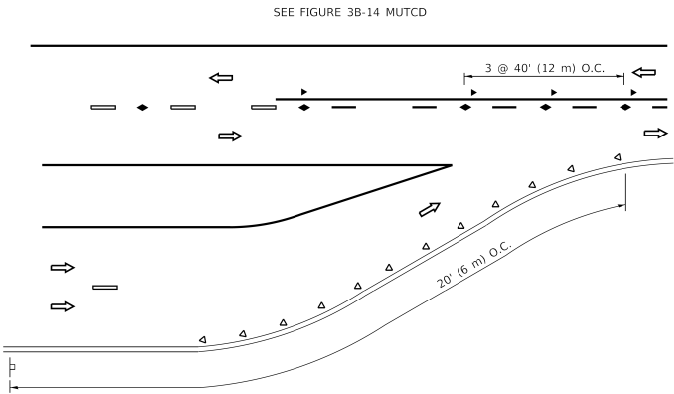


 CDOT Chicago Department of Transportation	DATE	REVISION	CITY OF CHICAGO		
	01/01/2014	REVISION 1	SEWER CONSTRUCTION AND STORMWATER MANAGEMENT REQUIREMENTS		
	05/15/2023	REVISION 2			
			DATE	SHEET	DRAWN BY
			12/28/06	A-4-1	CDOT

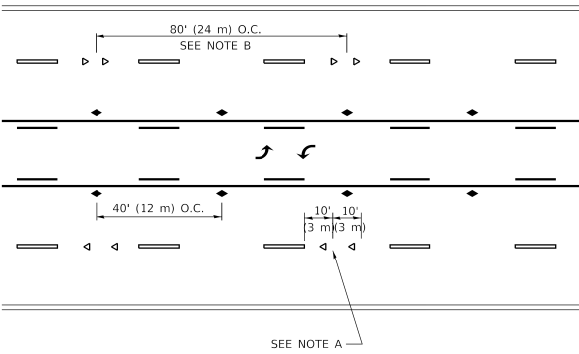
FILE NAME =		USER NAME = mgratzke	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C1401\Civil\CONST.DET.C1401.06.sht			DRAWN - HSM	REVISED -		CDOT CONSTRUCTION DETAILS			1349	16-00061-00-LS	COOK	167	152
PLOT SCALE = 5'			CHECKED - BLL	REVISED -					CONTRACT NO. 61L92				
Default		PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -		SCALE: NTS SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A			ILLINOIS FED. AID PROJECT				



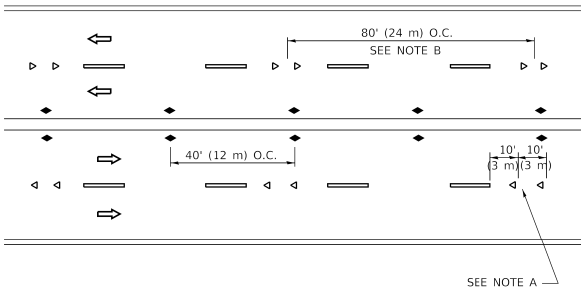
TWO-LANE/TWO-WAY



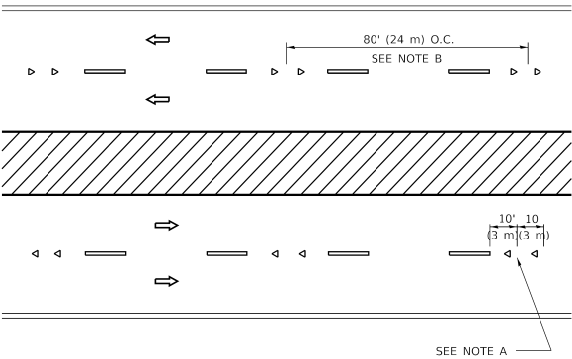
LANE REDUCTION TRANSITION



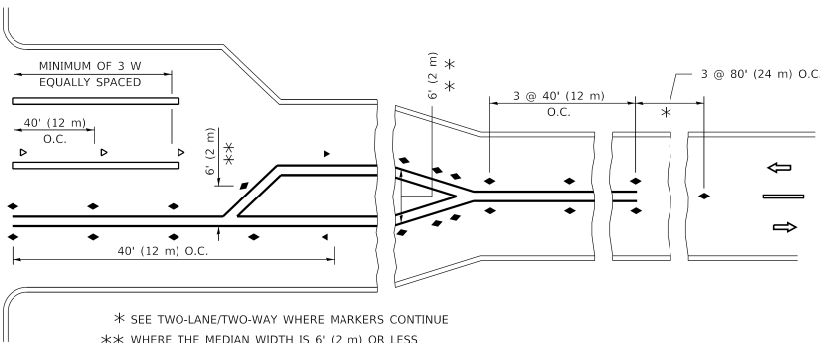
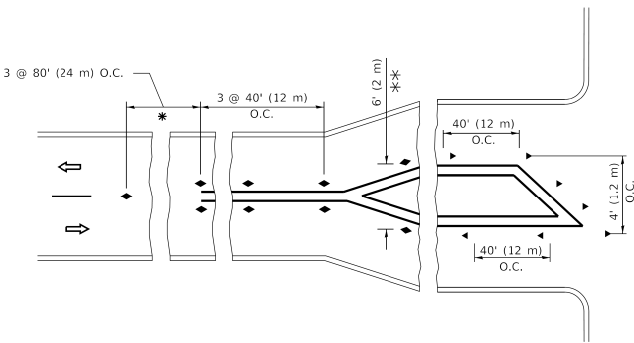
TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED



TURN LANES

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

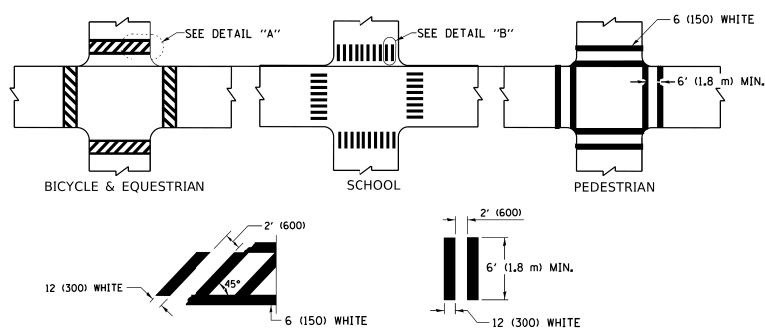
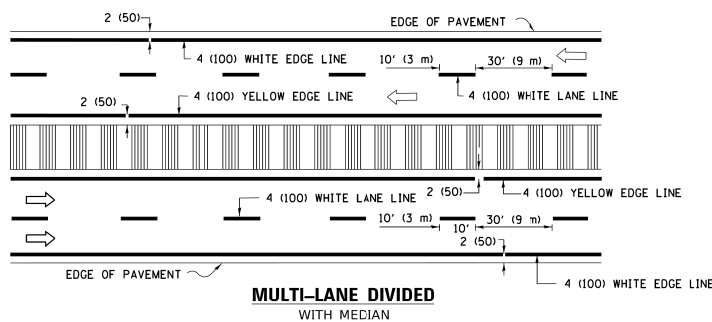
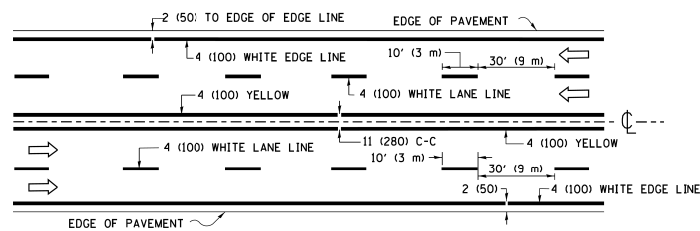
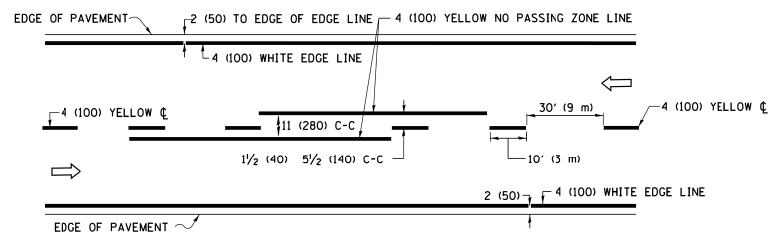
DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

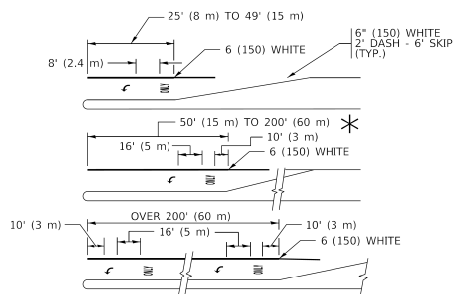
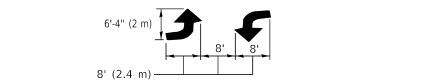
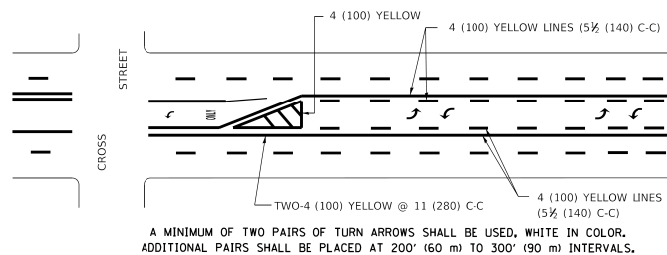
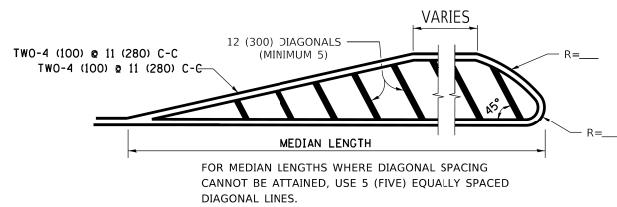
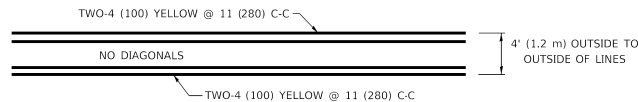
All dimensions are in inches (millimeters) unless otherwise shown.

	USER NAME = footernj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 01-06-00								
	PLOT SCALE = 50,000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		TC-11				
	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.			

FILE NAME = N:\LINCOLNWOOD\140090\C1401\Civ11\CONST_DET_C1401_07.sht	USER NAME = mgrotzke	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5'	CHECKED - BLL	REVISED -				1349	16-00061-00-LS	COOK	167	153
Default	PLOT DATE = 9/26/2025	DATE = 9/26/2025	REVISED -		SCALE: NTS	SHEET 1 OF 6 SHEETS	STA. N/A	TO STA. N/A			



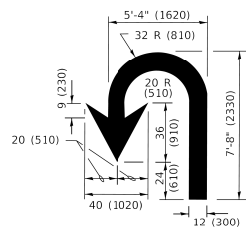
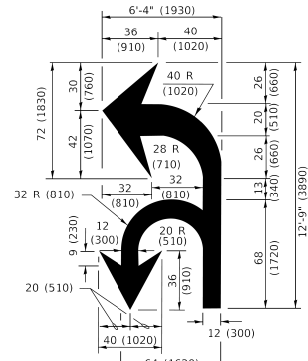
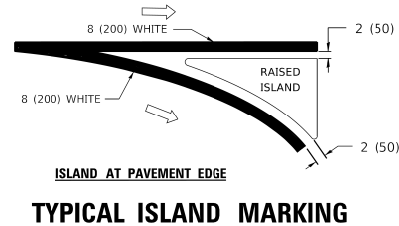
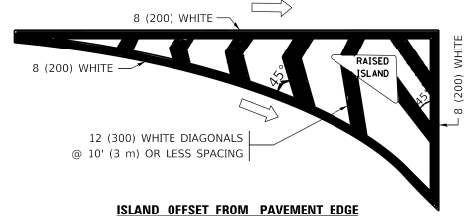
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



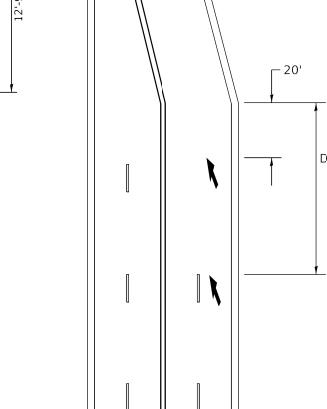
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.

↶ AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

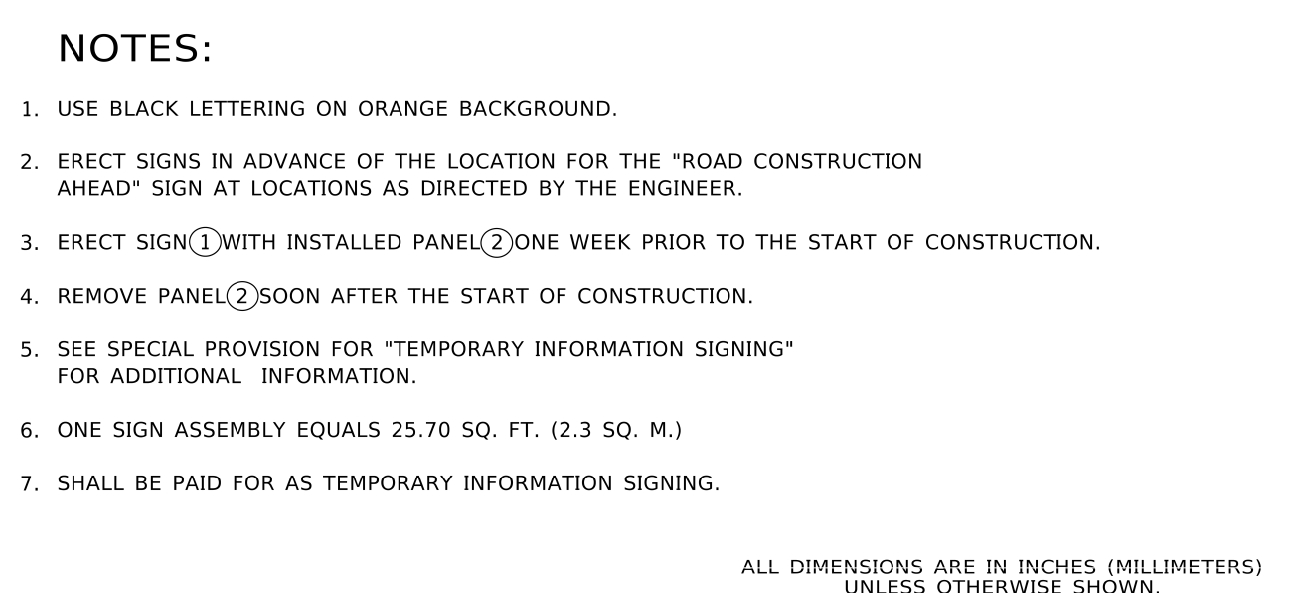
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW- TWO WAY TRAFFIC WHITE- ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME: D:\PROJECTS\2019\11-19-2019\11-19-2019.DWG	USER NAME = footernj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - C. JUCIUS 07-01-13										
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	PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16										
					SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

FILE NAME =	USER NAME = mgratzke	DESIGNED - MAG	REVISED -	<div style="text-align: center;"> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION </div>	<div style="text-align: center;"> DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) IDOT DISTRICT 1 DETAILS </div>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C1401\Civil\CONST	DET_C1401_08.sht	DRAWN - HSM	REVISED -			1349	16-00061-00-LS	COOK	167	154
PLOT SCALE = 5'	CHECKED - BLL	REVISED -				CONTRACT NO. 61L92				
PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -								
Default				SCALE: NTS	SHEET 2 OF 6 SHEETS	STA. N/A	TO STA. N/A			

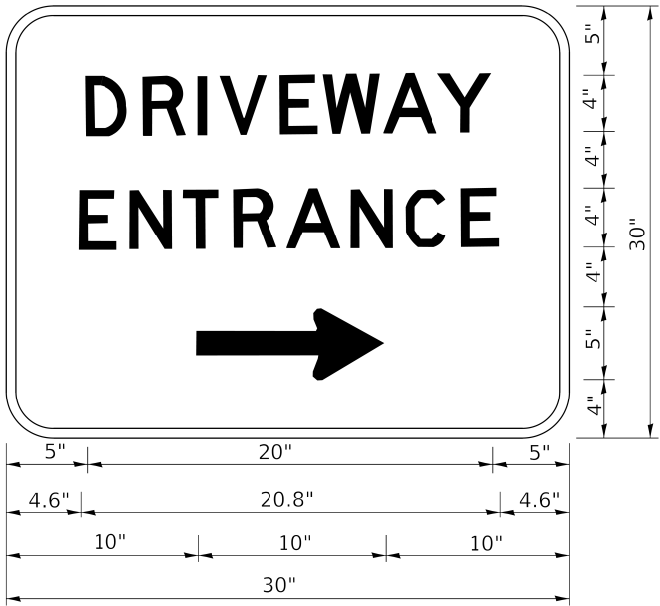


- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NUMBER: 12-000001	USER NAME = faotemj	DESIGNED -	REVISED - R. MRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MRS 12-11-97										
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	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JLCIUS 01-31-07										
						SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		
									ILLINOIS	FED. AID PROJECT			

FILE NAME =	USER NAME = mgratzke	DESIGNED - MAG	REVISED -	<div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div>	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
N:\LINCOLNWOOD\140090\1401\Civil\CONST.	DET.C1401.09.sht	DRAWN - HSM	REVISED -		IDOT DISTRICT 1 DETAILS				1349	16-00061-00-LS	COOK	167	155			
	PLOT SCALE = 5'	CHECKED - BLL	REVISED -						CONTRACT NO. 61L92							
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -		SCALE: NTS	SHEET 3 OF 6 SHEETS	STA. N/A	TO STA. N/A								
														ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: I:\p\planroom\dot\Illinois.gov\PI\DOT\Documents\DOT_Offices\District_1\Projects\Des5022\341\CAD\Data\CADsheetstc26.dgn



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

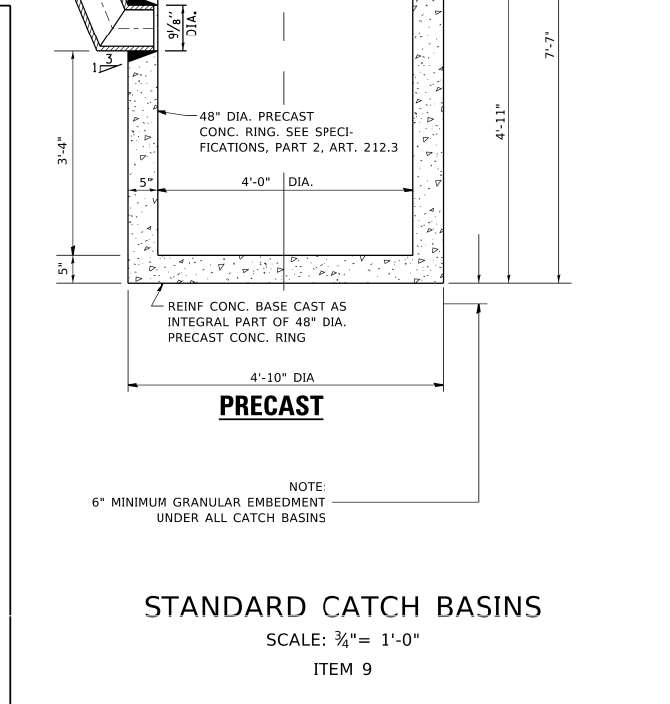
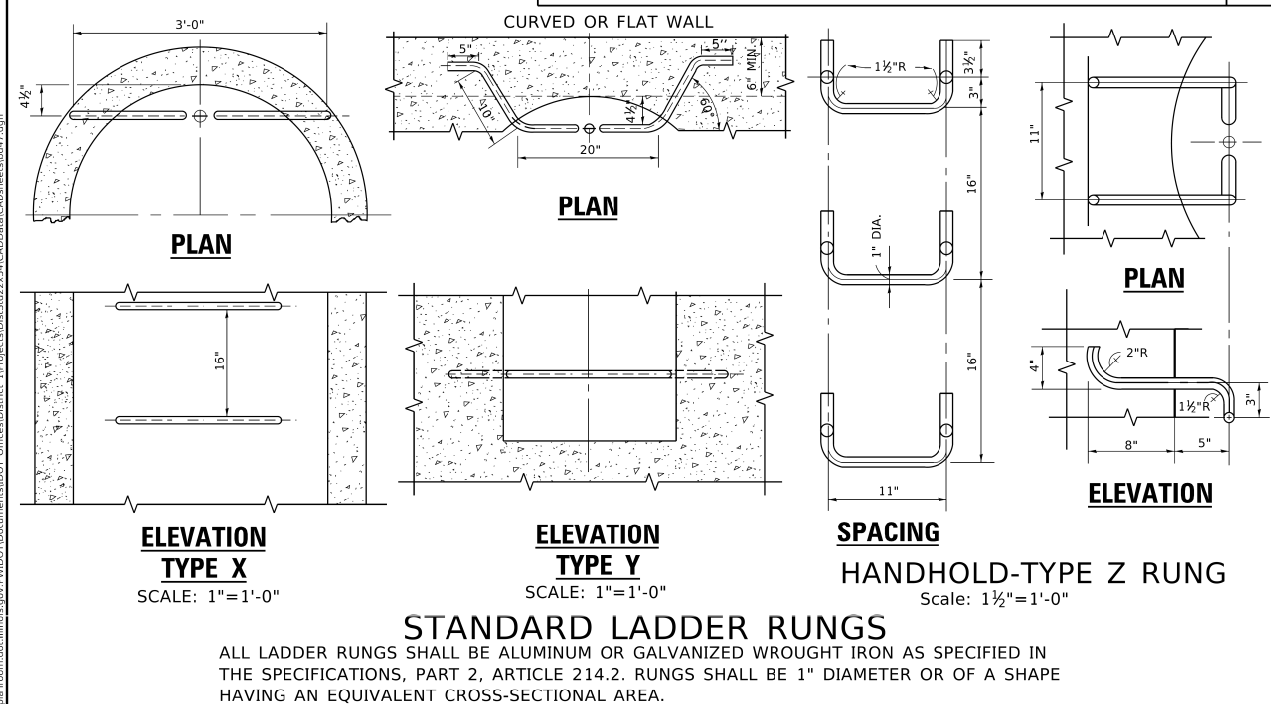
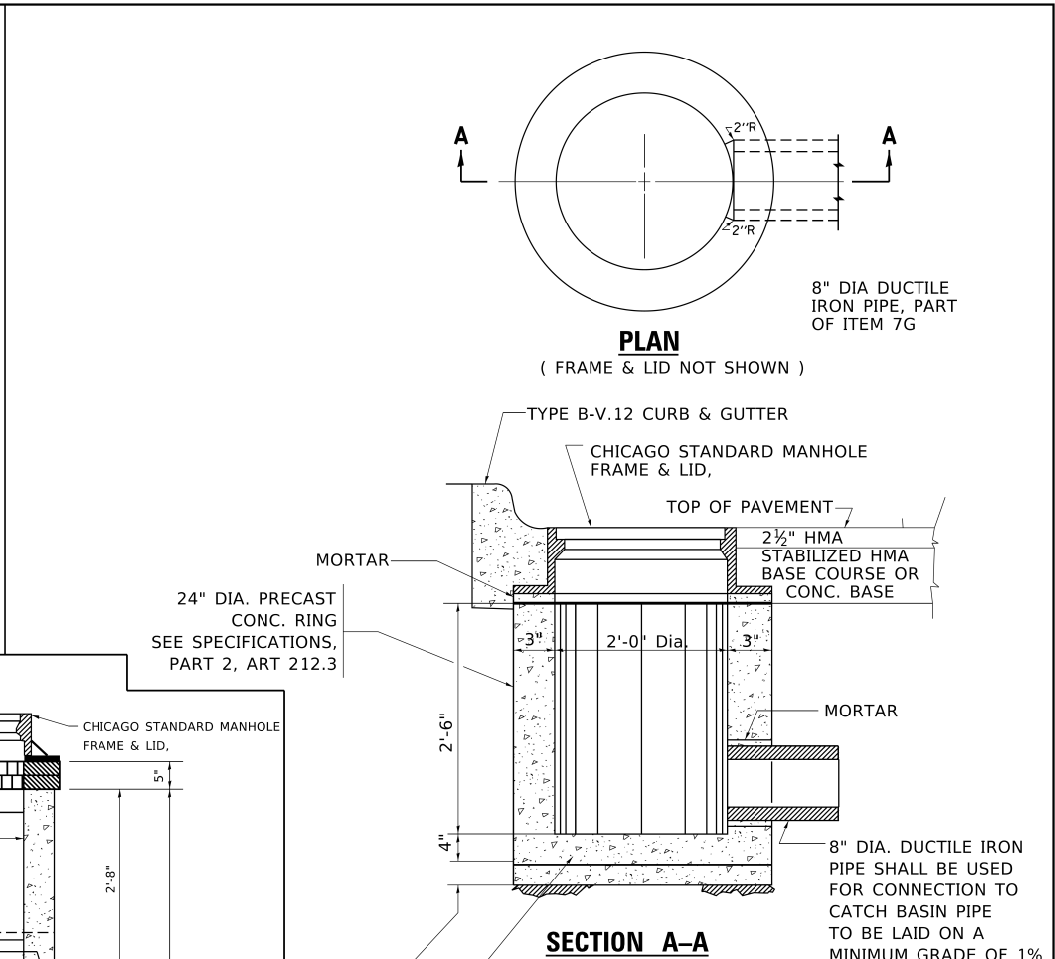
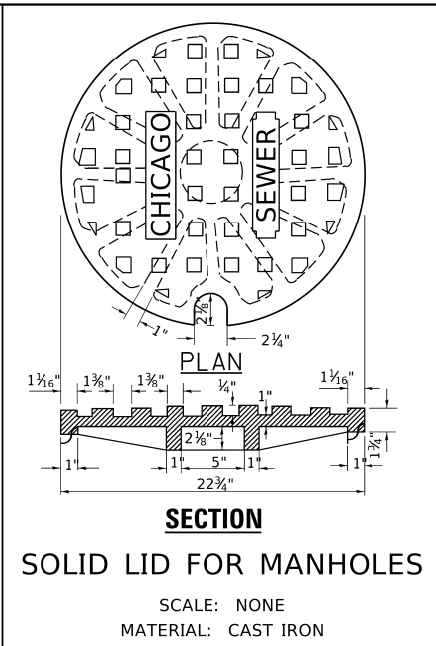
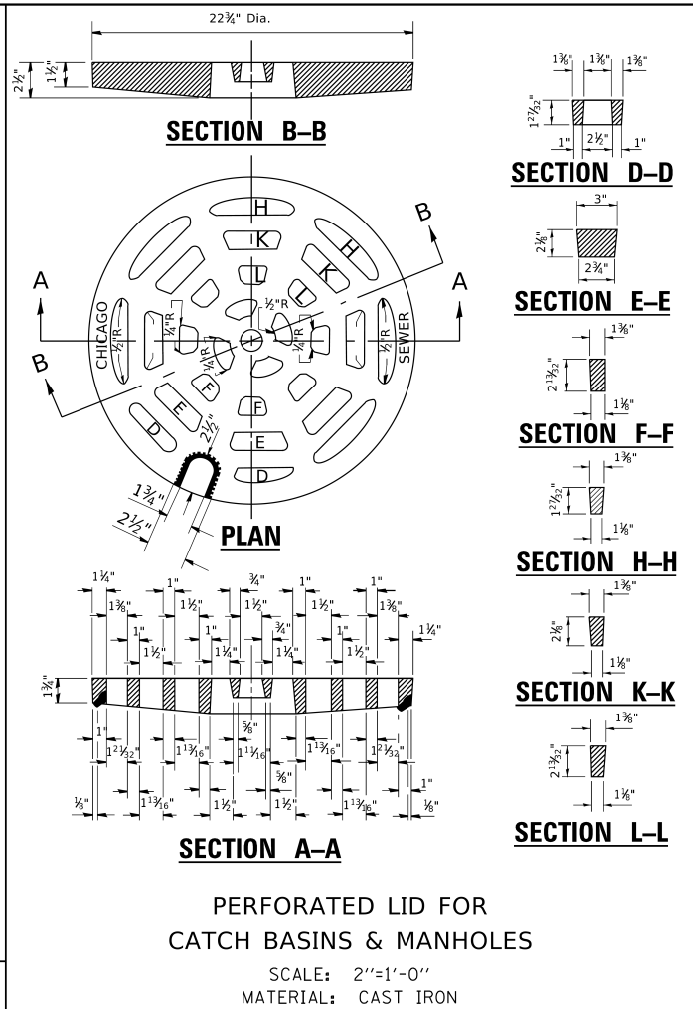
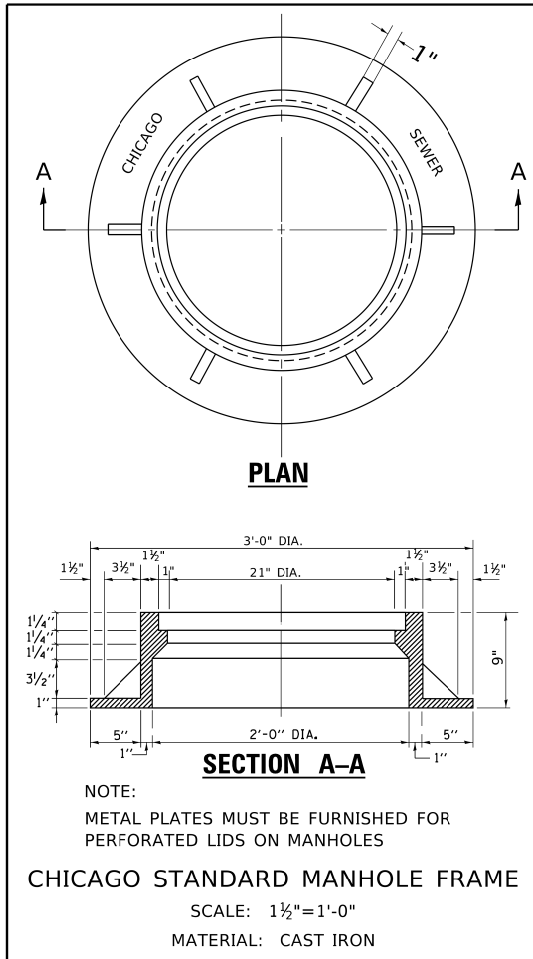
NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

	USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING	SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -													
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -									TC-26				CONTRACT NO.
	PLOT DATE = 8/6/2021	DATE -	REVISED -													
													ILLINOIS	FED. AID PROJECT		

12/26/2021 9:37:02 AM User:leysa

FILE NAME = N:\LINCOLNWOOD\140090\C1401\Civil\CONST.DET.C1401.10.sht Default	USER NAME = mgrotzke	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) IDOT DISTRICT 1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 9/26/2025	CHECKED - BLL	REVISED -			CONTRACT NO. 61L92				
		DATE - 9/26/2025	REVISED -			ILLINOIS FED. AID PROJECT				

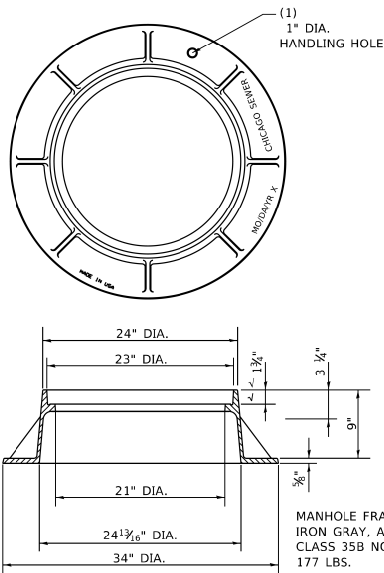


	USER NAME = footernj			DESIGNED - M. GOMEZ			REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS				F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -			CHECKED -			REVISED -				SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.				BD600-13 (BD47) CONTRACT NO.					
	PLOT SCALE = 50.0000 ' / in.			DATE - 01-25-01			REVISED -								ILLINOIS FED. AID PROJECT					
	PLOT DATE = 3/27/2019																			

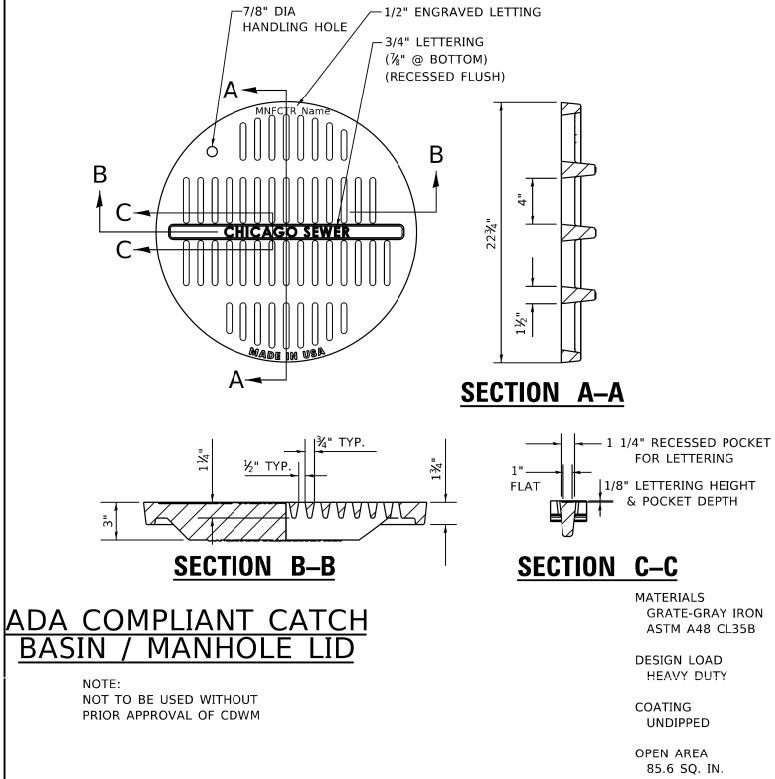
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		DRAWN - HSM	REVISED -
	PLOT SCALE = 5'	CHECKED - BLL	REVISED -
	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -

DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD) IDOT DISTRICT 1 DETAILS										F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
										1349	16-00061-00-LS		COOK	167	157
SCALE: NTS			SHEET 5 OF 6 SHEETS		STA. N/A TO STA. N/A										

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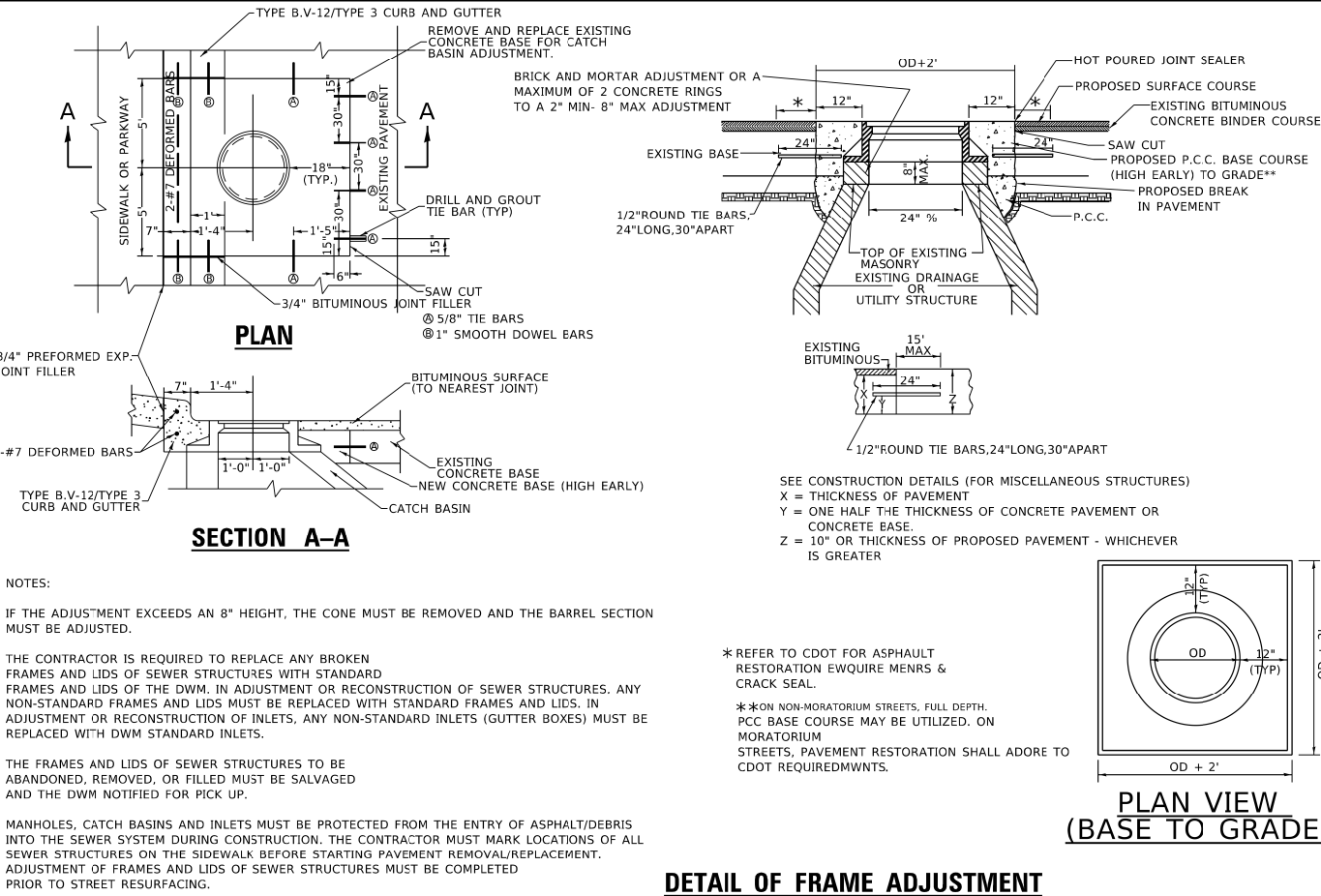


Lightweight Manhole Frame



ADA Compliant Catch Basin / Manhole Lid

NOTE:
NOT TO BE USED WITHOUT
PRIOR APPROVAL OF CDWM



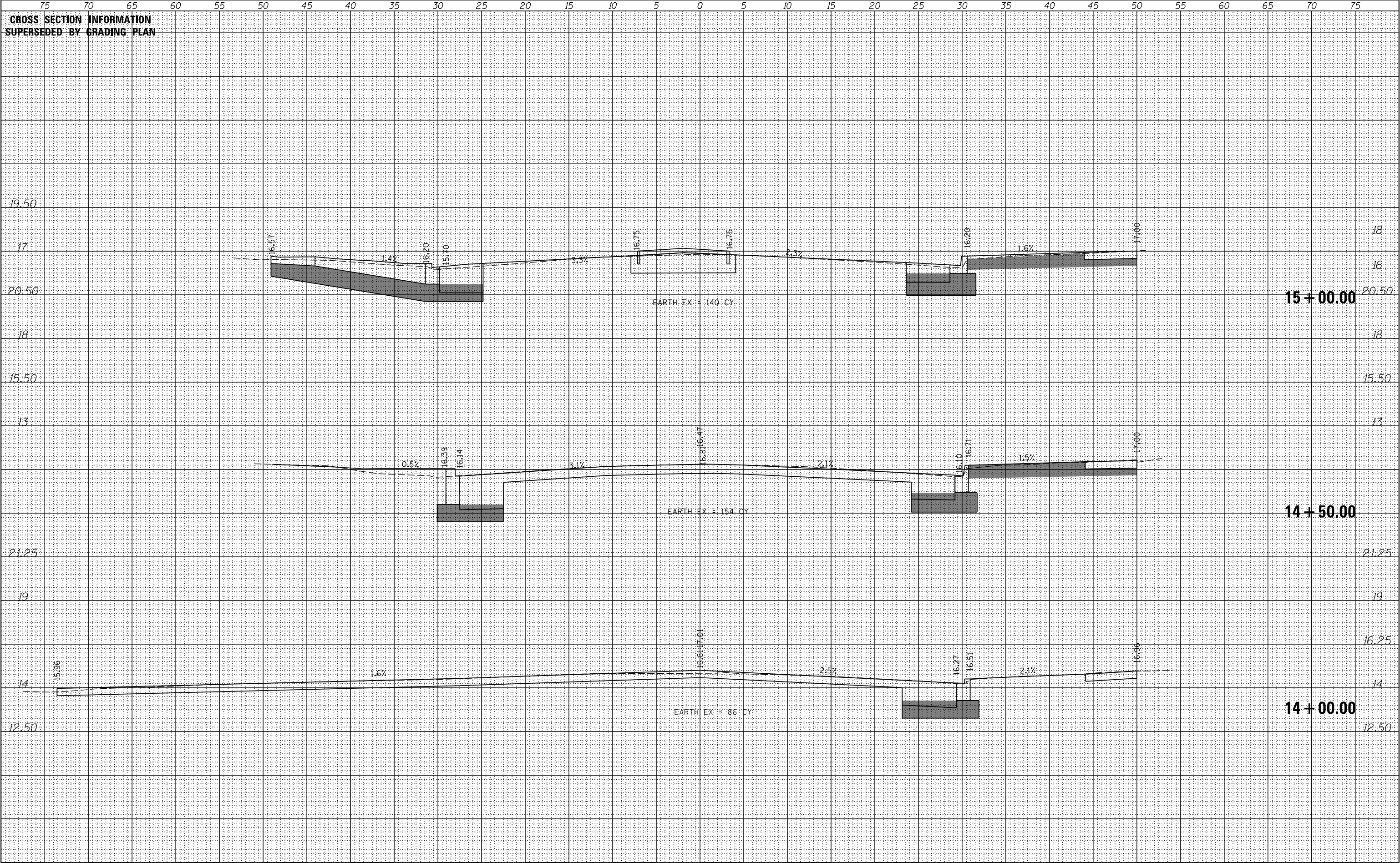
Detail of Frame Adjustment

FILE NAME = N:\LINCOLNWOOD\140090\c1401\civil1\const.DET_C1401.12.sht Default	USER NAME = Lawrence.DeManche		DESIGNED - M. GOMEZ		REVISED - K. SMITH 11-18-22		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO MANHOLE LIDS AND FRAMES	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
	DRAWN -		CHECKED -		REVISED -							BD600-13 (BD-47)									
	PLOT SCALE = 100.0000 ' / in.		DATE - 01-25-01		REVISED -							CONTRACT NO.									
	PLOT DATE = 11/18/2022		REVISED -		REVISED -							ILLINOIS FED. AID PROJECT									

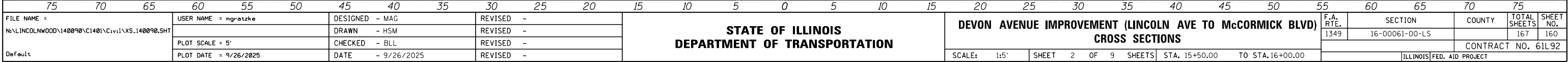
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N:\LINCOLNWOOD\140090\C1401\Civil\CONST	DET_C1401.12.sht	DRAWN - HSM	REVISED -			1349	16-00061-00-LS	COOK	167	158
Default	PLOT SCALE = 5'	CHECKED - BLL	REVISED -			CONTRACT NO. 61L92				
	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -			ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



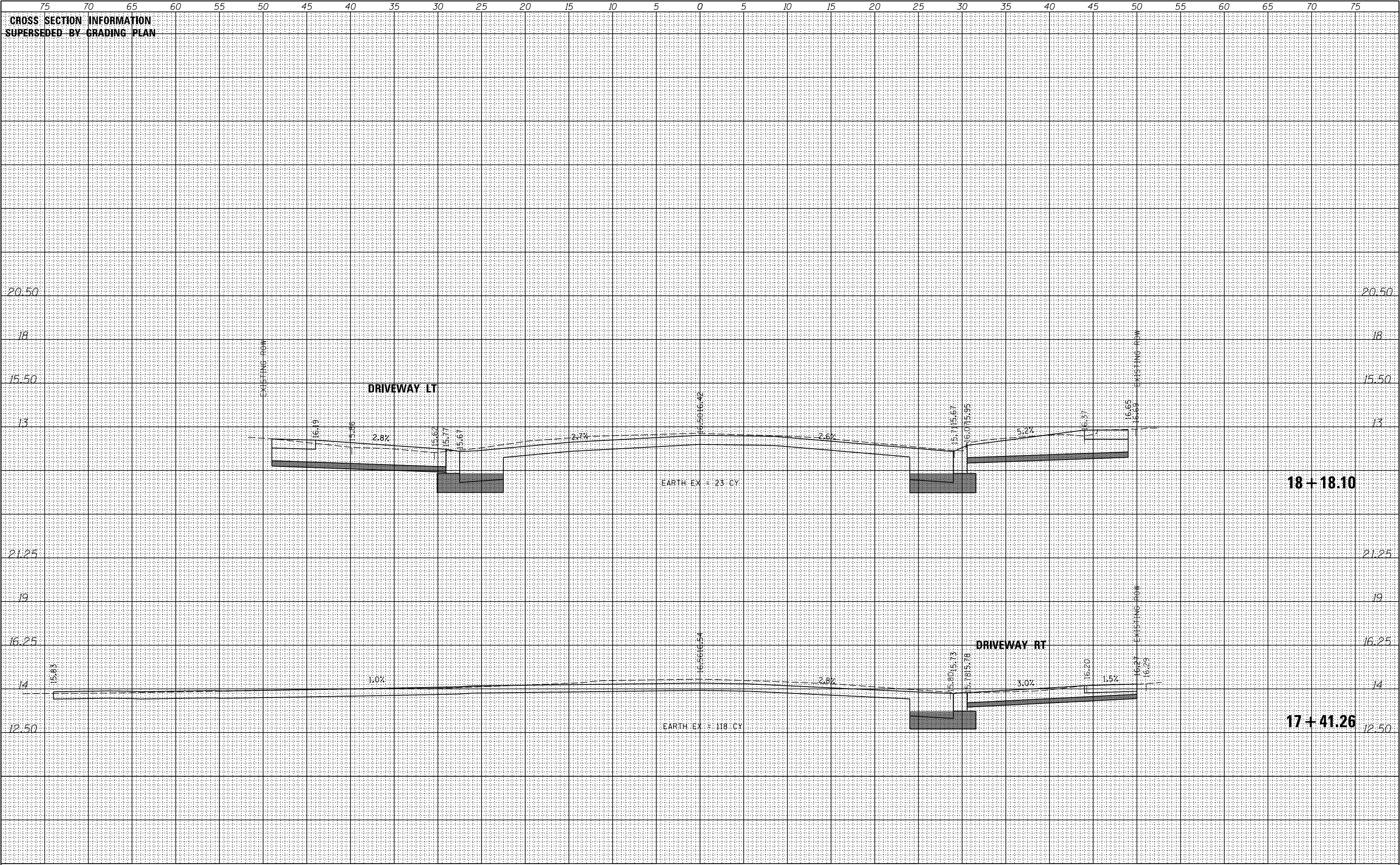
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NOTE BOOK	No. _____		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1349	16-00061-00-LS		167	160
		CONTRACT NO. 61L92		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

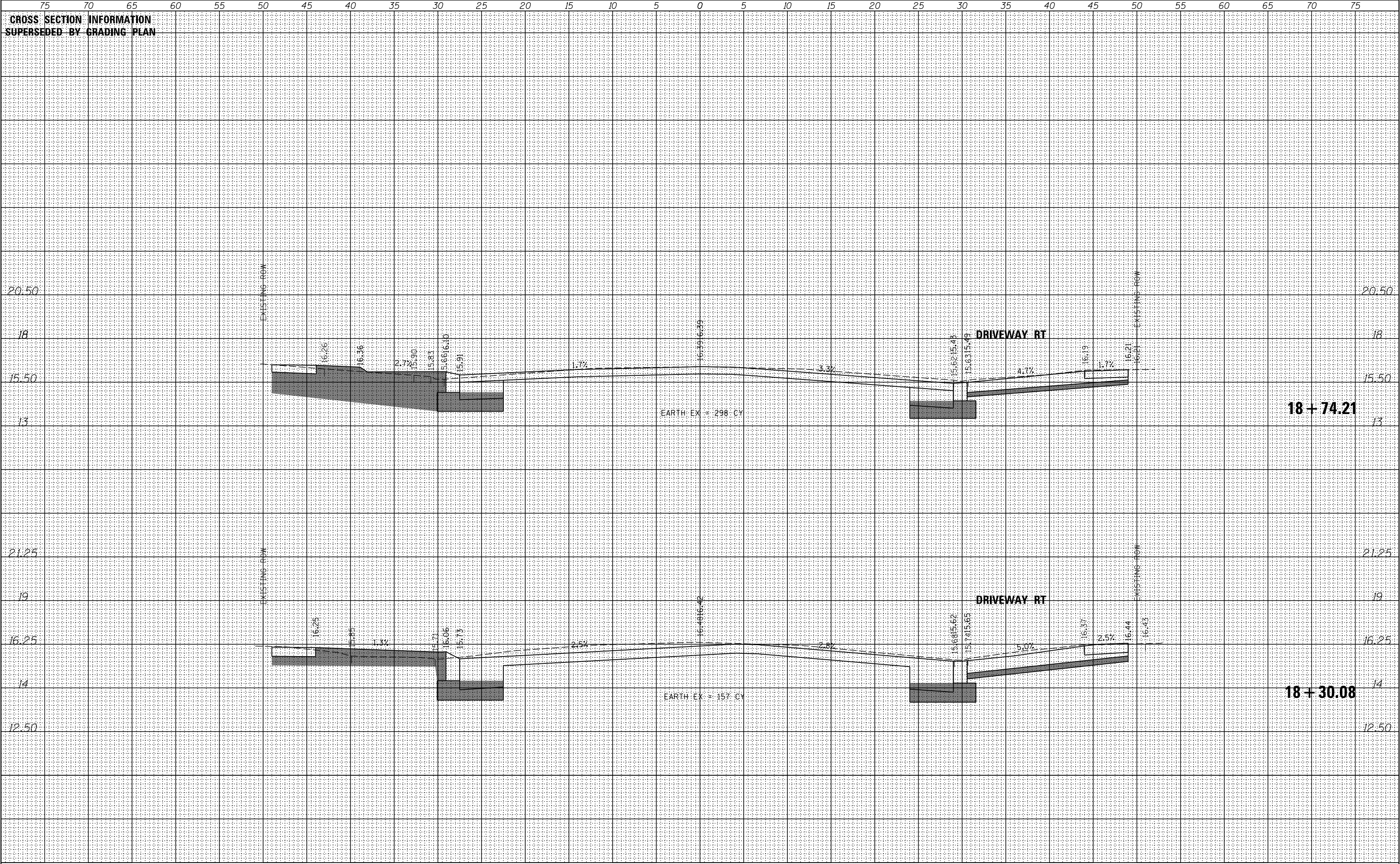
ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = mgrotzke	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEVON AVENUE IMPROVEMENT (LINCOLN AVE TO McCORMICK BLVD)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\C140\Civil\XS.140090.SHT		DRAWN - HSM	REVISED -		CROSS SECTIONS				1349	16-00061-00-LS		167	161
	PLOT SCALE = 5'	CHECKED - BLL	REVISED -						CONTRACT NO. 61L92				
Default	PLOT DATE = 9/26/2025	DATE - 9/26/2025	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1:5' SHEET 3 OF 9 SHEETS STA. 17+41.26 TO STA.18+18.10								

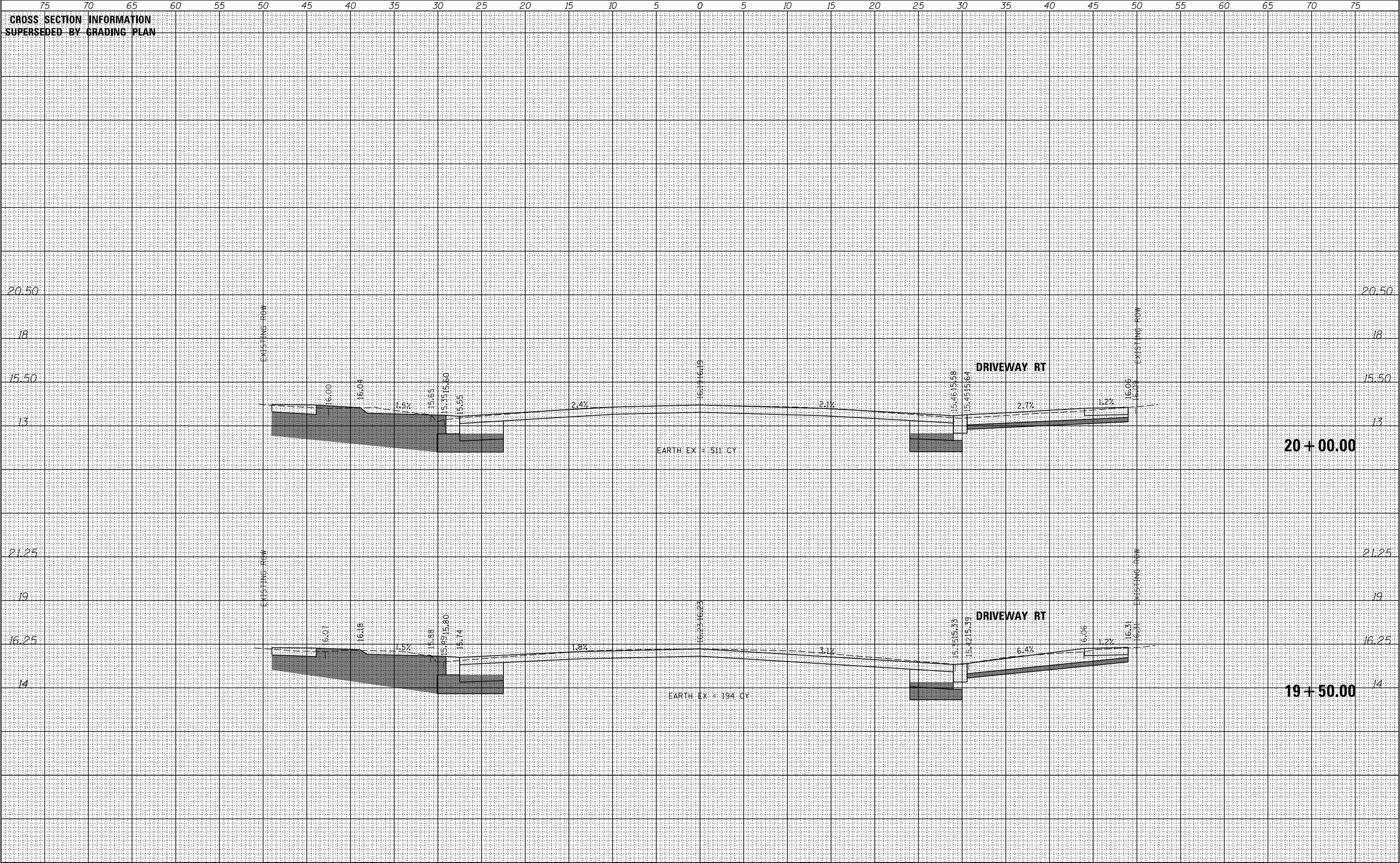
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ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



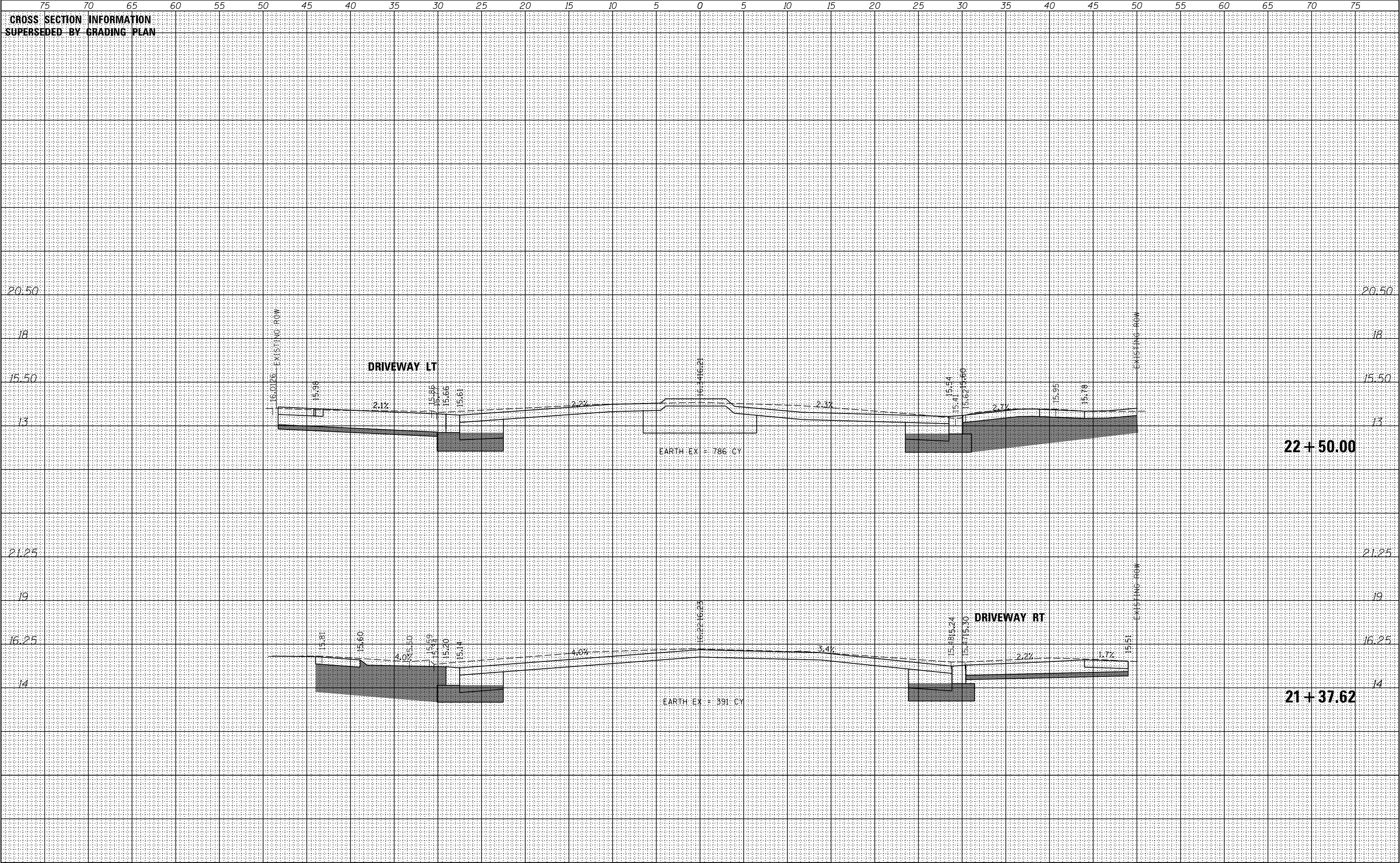
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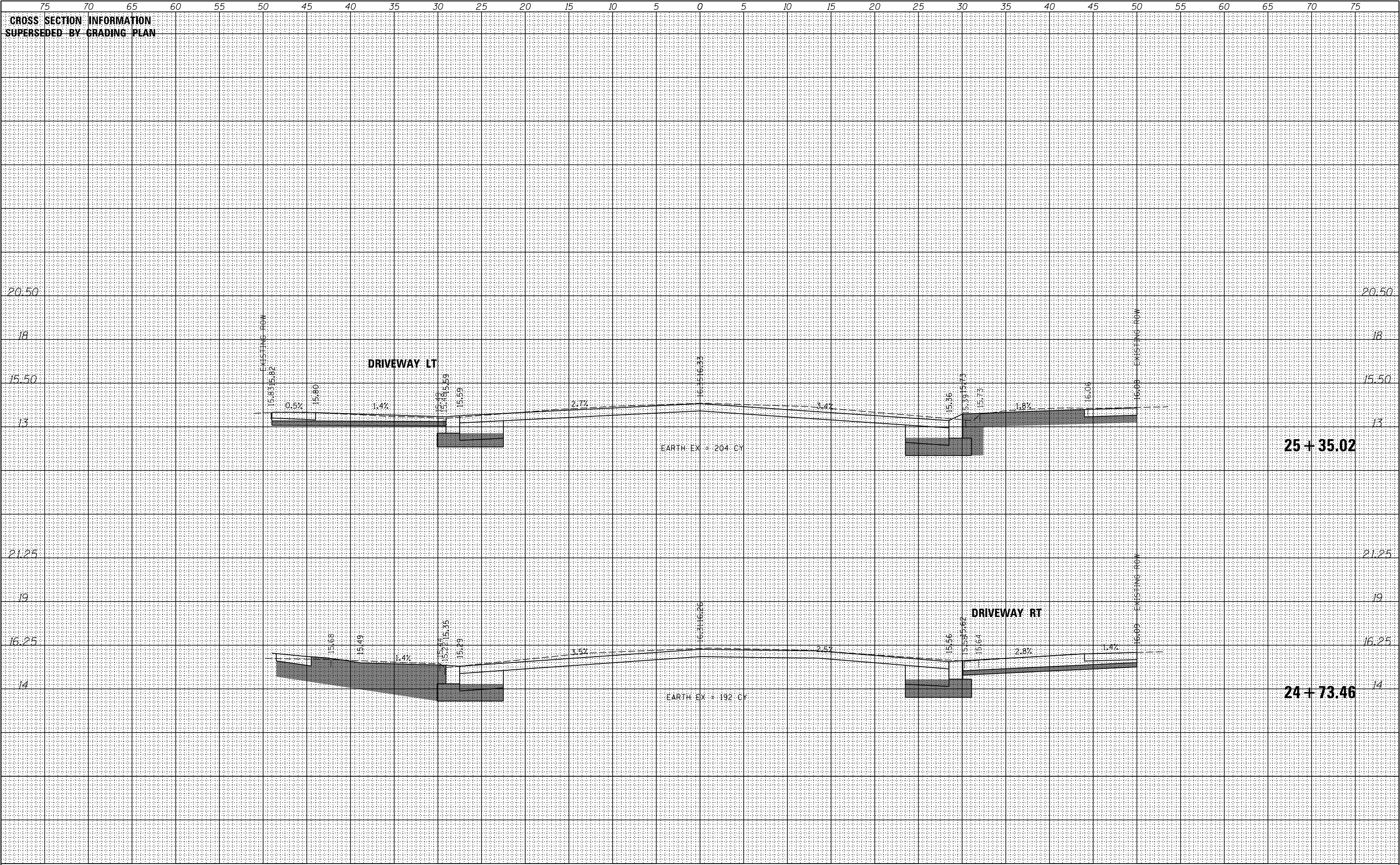
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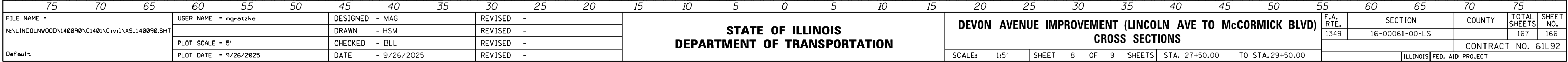


FINAL SURVEY	NO.	SURVEYED	BY	DATE
NOTE BOOK	NO.	PLOTTED	BY	DATE
AREAS	NO.	CHECKED	BY	DATE

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



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



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

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

