

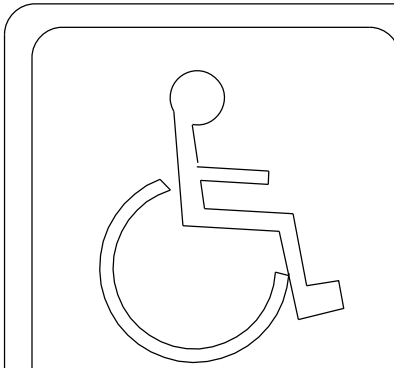
STANDARD SYMBOLS

EXISTING	PROPOSED	
		WATER DISTRIBUTION
		PEOPLES GAS
		ABANDONED/REMOVAL ITEM
		FIBER OPTIC
		COMMONWEALTH EDISON
		CITY ELECTRIC
		TELEPHONE
		SEWER
		ABANDONED/REMOVAL SEWER
		CABLE TV
		AERIAL WIRE
		CTA DUCT
		FIRE HYDRANT
		LIGHT STANDARD
		BUFFALO BOX, WATER
		BUFFALO BOX, WATER, TO BE ADJUSTED
		BUFFALO BOX, GAS
		GAS REGULATOR
		GAS VALVE
		AT&T MANHOLE
		COM ED MANHOLE
		POWER POLE
		TRAFFIC SIGNAL
		TRAFFIC SIGNAL CONTROL BOX
		INLET
		INLET TO BE ADJUSTED
		INLET TO BE FILLED
		INLET TO BE RECONSTRUCTED
		INLET TO BE REMOVED
		CATCH BASIN
		CATCH BASIN TO BE ADJUSTED
		CATCH BASIN TO BE FILLED
		CATCH BASIN TO BE RECONSTRUCTED
		CATCH BASIN TO BE REMOVED
		SEWER MANHOLE
		SEWER MANHOLE TO BE ADJUSTED
		SEWER MANHOLE TO BE RECONSTRUCTED
		WATER VAULT
		WATER VAULT TO BE ADJUSTED
		WATER METER
		CITY ELECTRIC HANDHOLE
		CITY ELECTRIC MANHOLE
		CITY ELECTRIC MANHOLE TO BE ADJUSTED
		MAIL BOX
		NEWSPAPER STAND
		GARBAGE CAN
		TREES, EXISTING, WITH DIAMETER
		TREES TO BE REMOVED
		SOIL BORING
		SIGN POST
		PARKING METER
		BUILDING FACE
		FENCE
		DIRECTION OF FLOW
		ELEVATION
		TOP OF STEP
		BOTTOM OF STEP
		HIGH POINT
		BENCHMARK
		CONTROL POINT
		ORDINANCE GRADE

CIVIL ENGINEER  
PERALTE-CLARK, LLC  
44 S. VAIL AVENUE, SUITE 201  
ARLINGTON HEIGHTS, IL 60005  
P. 847.485.8069

DRAINAGE ENGINEER  
CIVILTECH ENGINEERING  
30 N. LASALLE STREET, SUITE 3220  
CHICAGO, IL 60602  
P. 312.726.5910

LIGHTING ENGINEER  
SINGH AND ASSOCIATES, INC.  
230 W. MONROE STREET, SUITE 1400  
CHICAGO, IL 60606  
P. 312.629.0240



THIS CERTIFIES THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND I BELIEVE THEY ARE IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA), AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

LICENSED ARCHITECT / LICENSED ENGINEER

PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO CALL D.I.G.G.E.R. AT 312-744-7000 FOR UNDERGROUND UTILITY LOCATIONS.

STATE OF ILLINOIS

CITY OF CHICAGO

BRANDON JOHNSON, MAYOR

PUBLIC BUILDING COMMISION OF CHICAGO

RAY GIDEROF, EXECUTIVE DIRECTOR

CHICAGO DEPARTMENT OF TRANSPORTATION

TOM CARNEY, COMMISSIONER

DANIEL BURKE, S.E., P.E., MANAGING DEPUTY COMMISSIONER

CONTRACT PLANS

FOR

CONTRACT NO. C1617

WORKS PROGRESS ADMINISTRATION ("WPA") STREET RECONSTRUCTION (WEST 112TH STREET)  
WEST 112TH STREET FROM SOUTH FAIRFIELD AVENUE TO SOUTH ROCKWELL STREET  
CHICAGO, IL 60655

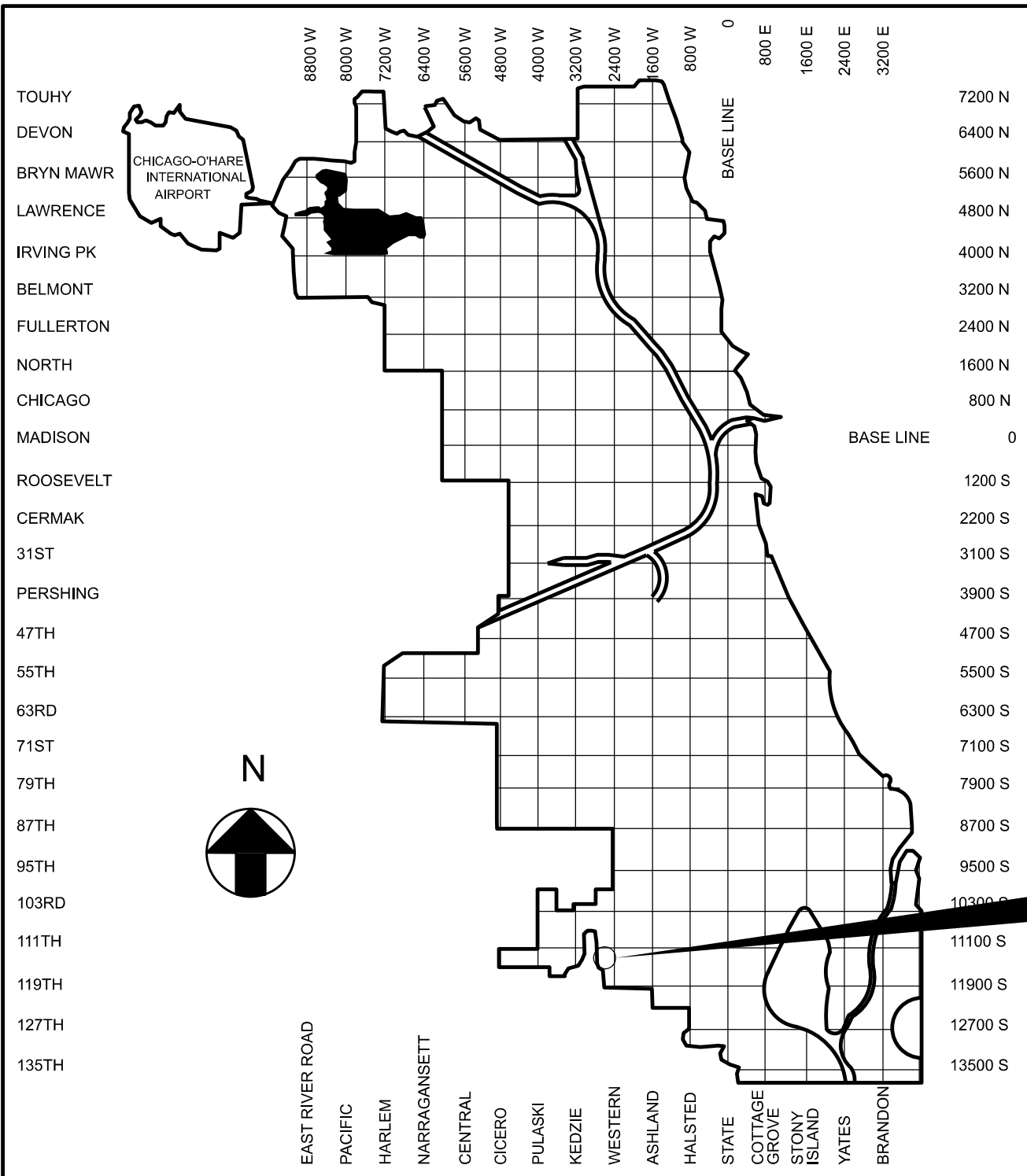
PBC PROJECT NO.: 22306

C.D.O.T. PROJECT NO.: B-4-306

WARD 19

IR-113243  
EFP-127889  
DE0-12024162

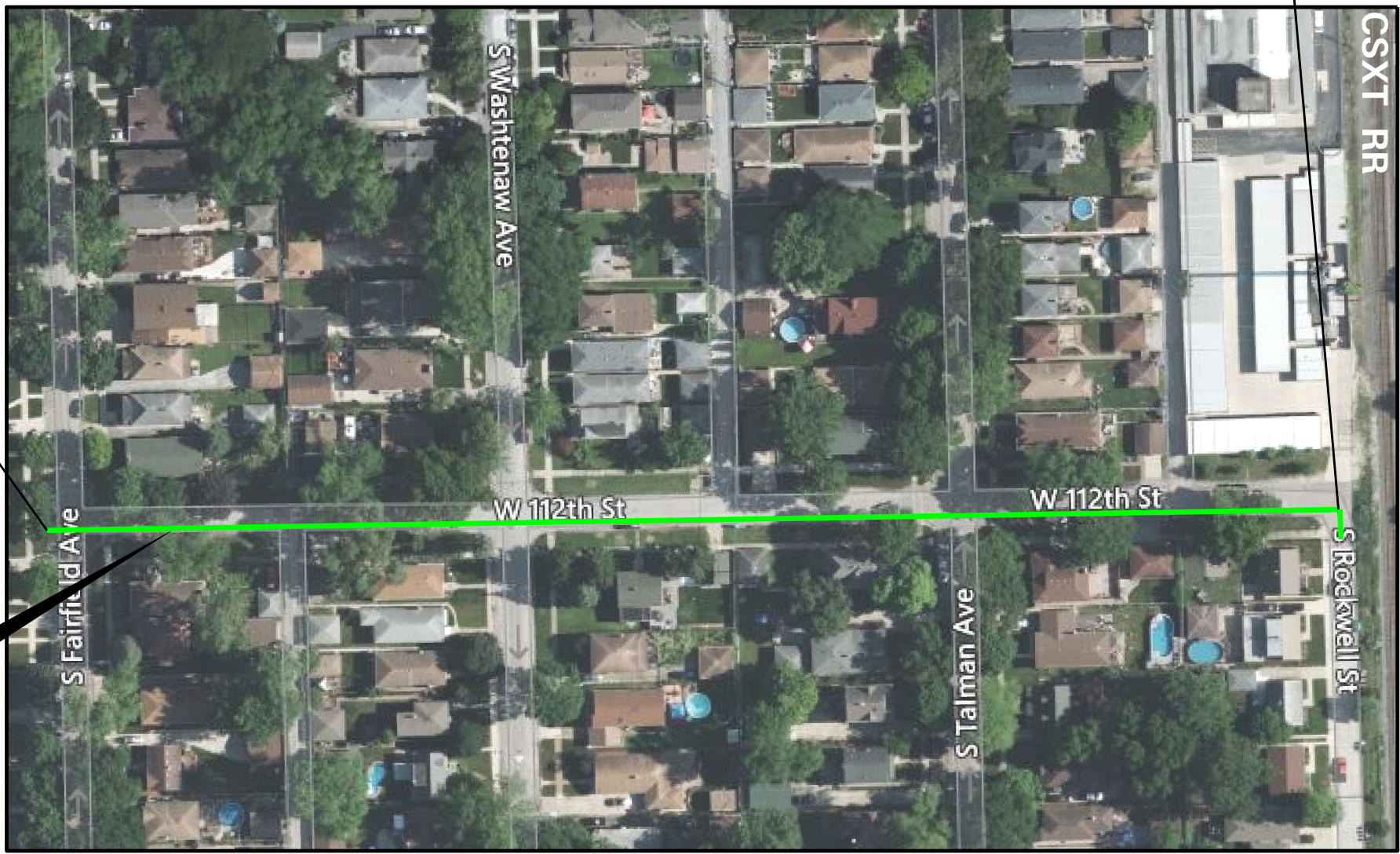
EFP-127889 IS A RESUBMITTAL OF PREVIOUSLY APPROVED EFP-124379 DUE TO PIA EXPIRATION



LOCATION MAP  
NOT TO SCALE

INDEX OF SHEETS

SHEET	DESCRIPTION
1	TITLE SHEET
2 - 3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	ALIGNMENT, TIES, AND BENCHMARKS
6	TYPICAL SECTIONS
7 - 8	MAINTENANCE OF TRAFFIC
9 - 11	PLAN AND PROFILE
12 - 15	ADA GRADING DETAILS
16 - 17	WATER MAIN PLAN AND PROFILE
18	SEWER CONNECTION DETAILS
19	PAVEMENT MARKING AND SIGNAGE
20 - 25	PROPOSED LIGHTING IMPROVEMENTS
26	SOIL BORING LOGS
27 - 33	CDOT ELECTRICAL STANDARD DETAILS
34 - 39	IDOT HIGHWAY STANDARDS
40 - 44	CDWM SEWER DETAILS
45 - 47	CDWM WATER MAIN DETAILS
48	SEWER DRAIN ATLAS DETAILS
49	CDOT DETAILS
50	TREE PROTECTION DETAILS
51	TREE PLANTING DETAIL



INDEX MAP  
NOT TO SCALE

LENGTH OF IMPROVEMENT = 986.1 L.F. (0.19 MILES)



MODEL: Default  
FILE NAME: Z:\18-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\112th St Fairfield to Rockwell\Sheets\22-112th-sht-gennotes-01.dgn

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- CITY OF CHICAGO**  
**DEPARTMENT OF TRANSPORTATION**

- |               |         |             |      |         |                    |         |        |              |           |
|---------------|---------|-------------|------|---------|--------------------|---------|--------|--------------|-----------|
| GENERAL NOTES |         |             |      |         | F.A. RTE.          | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|               |         |             |      |         |                    |         | COOK   | 51           | 2         |
|               |         |             |      |         | CONTRACT NO. C1617 |         |        |              |           |
| SCALE:        | SHEET 1 | OF 2 SHEETS | STA. | TO STA. |                    |         |        |              |           |



MODEL - D:\draft  
FILE NAME - 2113-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CAD\2022\1112th St\_Bainfield to Rockwell\Sheets\22-1112th-st-h-gennotes-02.dgn

UTILITY NOTES (CONT.)

10.

DIRECTIONAL DRILLING IS CONSIDERED A HIGH RISK EXCAVATION AS DETERMINED BY PHMSA AND NTSB; AS SUCH SPECIAL CONSIDERATIONS SHALL TAKE PLACE NEAR NATURAL GAS DISTRIBUTION LINES. CONTRACTOR MUST EXCAVATE OPENING LARGE ENOUGH TO OBSERVE BORE HEAD WHILE CROSSING GAS FACILITIES AND VERIFY THAT MINIMUM VERTICAL CLEARANCE IS OBTAINED. LOCATIONS OF EXISTING GAS FACILITIES MUST BE VERIFIED AT SUFFICIENT INTERVALS, OR A MAX OF DISTANCE OF 50FT, WHEN PARALLELING TO ENSURE MINIMUM HORIZONTAL EDGE TO EDGE SEPARATION IS MAINTAINED. NOTIFY SYSTEM INTEGRITY OPERATIONS SUPERVISOR AT SOUTH-SHOP-OUC@PEOPLES GASDELIVERY.COM, A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION. ALL DIRECTIONAL DRILL PROJECTS WILL BE PLACED ON PEOPLES GAS WATCH & PROTECT.
11.

PEOPLES GAS CAST IRON AND DUCTILE IRON GAS MAINS MAY REQUIRE SUPPORT DURING CONSTRUCTION AND RELATED EXCAVATION ACTIVITIES. ANY EXPOSED JOINTS MUST BE SUPPORTED AND CAST IRON JOINTS SEALED BY GAS COMPANY PERSONNEL. CONTACT THE LOCAL PGL SHOP ENGINEERING SUPERVISOR, A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION. INSPECTION BY PEOPLES GAS IS REQUIRED PRIOR TO BACKFILL. INSPECT GAS MAIN AND COATING INTEGRITY PRIOR TO BACKFILL.
12.

ANY ISSUES OR WORK NEEDED WHEN CROSSING OR ADJACENT TO ANY COMED ASSETS, PLEASE CONTACT JENNIFER MABERTO @ 779.231.2246 OR VIA EMAIL @ JENNIFER.MABERTO@COMED.COM AT LEAST SIX WEEKS PRIOR TO CONSTRUCTION START. HAND DIG IS REQUIRED WHEN CROSSING COMED UNDERGROUND CABLE/CONDUITS. MAINTAIN 12 INCHES VERTICAL CLEARANCE (18 INCHES IF POSSIBLE) FROM ANY COMED FACILITIES. WHEN FIELD CONDITIONS REQUIRE COMED ASSISTANCE, PLEASE CONTACT JENNIFER MABERTO @ 779.231.2246 OR VIA EMAIL @ JENNIFER.MABERTO@COMED.COM AT LEAST 6 WEEKS PRIOR TO CONSTRUCTION START.

ADA NOTES

1.

FOR THE LATEST CITY OF CHICAGO ADA REQUIREMENTS FOR THE PLANS GO TO WWW.CITYOFCHICAGO.ORG.

LANDSCAPING NOTES

1.

THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT TO REMOVE, PLANT, SPRAY, OR IN ANY WAY AFFECT THE GENERAL HEALTH OR STRUCTURE OF TREES IN THE PUBLIC WAY. THIS PERMIT MAY BE OBTAINED FROM THE DEPUTY COMMISSIONER OF CITY OF CHICAGO BUREAU OF FORESTRY.
2.

TREES MUST BE TAGGED BY C.D.O.T. CONTACT JEFF BRINK AT (312) 744-7844.

DEPT. OF WATER MANAGEMENT NOTES

1.

THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS, AND THE USE OF HEAVY EQUIPMENT WITHIN THE LIMITS OF THE PROJECT.
2.

IT IS THE RESPONSIBILITY OF THE UTILITY COMPANY/GOVERNMENT AGENCY AND ITS CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION STAGE. RECORDS FROM THE DEPARTMENT OF BUILDINGS,SEWER UNIT INCLUDE: EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, BENCH MONUMENT LOCATIONS, ORDINANCE GRADES, AGE OF SEWER, AND PIPE MATERIAL. COPIES OF SEWER RECORDS CAN BE OBTAINED ON PAYMENT TO THE DEPARTMENT OF BUILDINGS, SEWER UNIT, LOCATED AT CITY HALL, 121 N. LASALLE ST. ROOM 900, CHICAGO, IL 60602.
3.

A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAIN CONNECTIONS, OR SEWER STRUCTURES, INCLUDING THE ADJUSTMENT OF SEWER STRUCTURESAND THE REMOVAL/REPLACEMENT OF FRAMES AND LIDS. THE PERMIT MUST BE OBTAINED BY A DRAINLAYER CURRENTLY LICENSED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT.
4.

IN ORDER TO PROTECT THE CITY’S BENCH MONUMENTS, ALL BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE PROJECT SHOULD BE LISTED ON THE PLAN SHEETS. IF ANY BENCH MONUMENTS ARE NOT LOCATED OR IF DAMAGE TO ANY BENCH MONUMENTS IS ENCOUNTERED, PLEASE CONTACT THE DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-7892 OR (312) 747-7893. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACEMENT OF ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.
5.

IN THE RELOCATION OR CONSTRUCTION OF PRIVATE OR PUBLIC UTILITIES, INCLUDING PIPE UNDERDRAINS AND/OR SUBDRAINS, THE UTILITY SHOULD BE LOCATED AS FAR AWAY AS POSSIBLE FROM THE DEPARTMENT OF WATER MANAGEMENT FACILITY. A MINIMUM DISTANCE OF THE OUTSIDE DIAMETER OF THE SEWER (O.D.) PLUS 4 FEET MUST BE MAINTAINED BETWEEN THE SEWER AND THE UTILITY CENTER LINES. IF THE OUTSIDE DIAMETER/WIDTH OF UTILITY CONDUIT IS MORE THAN THE SEWER O.D., A MINIMUM OF 4 FEET HORIZONTAL CLEARANCE MUST BE OBTAINED FROM THE OUTSIDE FACE TO OUTSIDE FACE. FOUR FEET HORIZONTAL CLEARANCE IS ALSO REQUIRED FROM ALL SEWER STRUCTURES. A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE AND 18 INCHES VERTICAL CLEARANCE IS DESIRABLE BETWEEN THE SEWER AND A WATER MAIN.
6.

MANHOLES, CATCH BASINS, AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR WILL MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED PRIOR TO STREET RESURFACING.
7.

THE UTILITY COMPANY/GOVERNMENT AGENCY OR ITS REPRESENTING CONTRACTOR MUST MAINTAIN ACCESS TO THE EXISTING SEWER FACILITIES, INCLUDING SEWER STRUCTURES, AT ALL TIMES AND COORDINATE THE PROPOSED IMPROVEMENTS WITH THE DEPARTMENT OF WATER MANAGEMENT ENGINEER/INSPECTOR TO AVOID ANY INTERRUPTION OF THE SEWER FACILITIES’ MAINTENANCE OR SERVICES. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
8.

THE CONTRACTOR MUST LOCATE AND PROMPTLY AND PROPERLY CONNECT TO THE NEW SEWERS ALL LIVE HOUSE DRAINS, CATCH BASIN DRAINS, AND OTHER EXISTING LATERALS, DRAINS, AND SEWERS OF WHATEVER NATURE WHICH ARE CONNECTED TO THE EXISTING SEWERS BEING REPAIRED OR REPLACED.

9.

EXISTING CATCH BASIN LATERALS TO BE REUSED MUST BE RODDED AND FLUSHED IN THE PRESENCE OF THE DEPARTMENT OF WATER MANAGEMENT INSPECTOR. A NEW CONNECTION TO THE MAIN SEWER IS REQUIRED IF THE EXISTING CATCH BASIN LATERAL IS NOT APPROVED BY THE SEWER INSPECTOR.
10.

WHEN A SEWER STRUCTURE IS ABANDONED, ALL PIPE OPENINGS MUST BE PLUGGED, STRUCTURES FILLED WITH TRENCH BACKFILL, LIDS AND FRAMES REMOVED, AND SURFACE RESTORED AS PER THE DEPARTMENT OF WATER MANAGEMENT STANDARDS AND SPECIFICATIONS.
11.

WHEN DIRECTED BY THE COMMISSIONER, THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH THE DEPARTMENT OF WATER MANAGEMENT STANDARD FRAMES AND LIDS.
12.

THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED SHOULD BE SALVAGED, AND THE CONTRACTOR MUST NOTIFY THE DEPARTMENT OF WATER MANAGEMENT FOR PICK UP.
13.

IN ARTERIAL STREETS, PERFORATED LIDS MUST BE PLACED ON ALL SEWER STRUCTURES UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. IN RESIDENTIAL STREETS, MANHOLES MAY REQUIRE CLOSED LIDS. CONTRACTOR TO COORDINATE WITH THE DEPARTMENT OF WATER MANAGEMENT INSPECTOR.
14.

DURING CONSTRUCTION OF THIS PROJECT, THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD AT ALL TIMES.
15.

IF THE CONDITION OF EXISTING CATCH BASINS OR INLETS IS SUCH THAT THEIR ADJUSTMENT IS NOT FEASIBLE AT THE TIME OF CONSTRUCTION, THE CONTRACTOR MUST FURNISH AND INSTALL NEW CATCH BASINS OR INLETS AND THEIR APPURTENANCES AS DIRECTED BY THE COMMISSIONER AND WITH THE CONCURRENCE OF THE DEPARTMENT OF WATER MANAGEMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR 'CATCH BASINS, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)' OR FOR 'INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)'.
16.

THE LOCATION OF PROPOSED WATER LINES, METER VAULTS, VALVES AND RPZ’S SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL MARK THE LAYOUT AND LOCATION OF THE WATER LINES, METER VAULTS, VALVES, AND RPZ’S FOR REVIEW BY COMMISSIONER PRIOR TO ANY EXCAVATION.
17.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PROPOSED WATER SERVICE CONNECTIONS PRIOR THE INSTALLATION OF THE IRRIGATION SYSTEM. THE CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT WILL PERFORM THE WATER SERVICE CONNECTION TO THE EXISTING WATER MAIN. IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND PAY THE ASSOCIATED FEES. ALL PERMIT FEES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
18.

IN CASE OF DAMAGE TO THE CITY’S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, AND/OR BENCH MONUMENTS, THE CONTRACTOR MUST CONTACT THE DEPARTMENT OF BUILDINGS, SEWER UNIT, IMMEDIATELY AT PHONE NUMBER (312) 744-3351. THE CONTRACTOR MUST, AT HIS/ HER OWN COST, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES AND/ OR BENCH MONUMENTS AS NECESSARY. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
19.

FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS, OUTSIDE OF THE CENTRAL BUSINESS DISTRICT. FLOW RESTRICTORS MUST NOT BE INSTALLED IN CLOSE PROXIMITY TO VIADUCT AREAS, BUS STOPS, OR EMERGENCY ENTRANCES. FLOW RESTRICTORS ARE AVAILABLE FOR PICK-UP AT THE DWM’S CENTRAL DISTRICT, LOCATED AT 3901 S. ASHLAND AVENUE, BY CALLING (312) 747-1777, BETWEEN 7:00 AM - 3:00 PM, 48 HOURS IN ADVANCE.
20.

AS-BUILT PLANS MUST BE SUBMITTED SOON AFTER WORK COMPLETION. FINAL PAYMENT WILL NOT BE MADE TO THE CONTRACTOR UNTIL THE SEWER UNIT OF THE DWM ACKNOWLEDGES RECEIPT OF "AS-BUILT PLANS".
21.

IN CASE OF DAMAGE TO THE CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 747-7892 OR (312) 747-7893.
22.

PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
23.

CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
24.

WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED IN THIS CONTRACT.
25.

ANY EXISTING STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
26.

THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION UNTIL THE CITY ACCEPTS MAINTENANCE OF THE IMPROVED STREET.
27.

FOR FULL DEPTH CONSTRUCTION OF THE STREET, ALL SEWER(S) IN THE PROJECT AREA WILL BE TELEVISED BEFORE AND AFTER CONSTRUCTION. CONTACT DEPARTMENT OF WATER MANAGEMENT AT (312) 747-4680.
28.

THE CONTRACTOR IS REQUIRED TO CONDUCT A PRE-CONSTRUCTION VIDEOTAPED INSPECTION PRIOR TO THE ISSUANCE OF A SEWER PERMIT AND A POST-CONSTRUCTION VIDEOTAPED INSPECTION PRIOR TO ACCEPTANCE OF THE SEWER. THE VIDEOTAPE MUST BE SUBMITTED TO THE SEWER UNIT OF THE DWM FOR REVIEW AND APPROVAL. SHOULD PRE-CONSTRUCTION TELEVISION INDICATE CONDITIONAL ISSUES WITH THE SEWER, IT SHALL BE REPLACED OR REHABILITATED PRIOR TO CONSTRUCTION AS PART OF THE PROJECT IMPROVEMENT.
29.

PLEASE SEE CDWM-SEWER SECTION’S REQUIREMENTS FOR EXISTING FACILITY CONSTRUCTION.

30.

CONTACT THE FORCE ACCOUNT CONSTRUCTION MANAGER AT FACM@CTRWATER.COM TWO (2) WEEKS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION DATE SUCH THAT A RESIDENT ENGINEER CAN BE ASSIGNED TO THIS PROJECT. FAILURE TO COMPLY WITH THIS REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM’S STANDARDS.
31.

THE CONTRACTOR MUST SUBMIT TO THE DWM COPIES OF THE SHOP DRAWINGS FOR ALL MATERIALS TO BE USED. ALL MATERIALS MUST BE APPROVED BY THE DWM PRIOR TO STARTING CONSTRUCTION.
32.

THE CONTRACTOR MUST OBTAIN A "B-PERMIT" PRIOR TO CONSTRUCTION FROM THE CITY OF CHICAGO, DEPARTMENT OF BUILDINGS, PLUMBING PERMIT & PLAN SECTION, CITY HALL, 121 N LA SALLE STREET, ROOM 906.
33.

ALL VALVE OPERATIONS ARE TO BE COMPLETED BY THE DWM.
34.

IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, PERMITS MUST BE OBTAINED FROM THE CITY OF CHICAGO, DEPARTMENT OF BUILDINGS, PLUMBING PERMIT & PLAN SECTION, CITY HALL, 121 N LA SALLE STREET, ROOM 906.
35.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING-OUT ALL PROPOSED HORIZONTAL AND VERTICAL FACILITIES FOR THE DWM AS REQUIRED FOR CONSTRUCTION.
36.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS (INCLUDING A SEWER PERMIT FROM THE DEPARTMENT OF BUILDINGS SEWER SECTION), EXCAVATION/OSHA SHORING, BACKFILLING/COMPACTION, AND ALL RESTORATION TO CDOT STANDARDS AS REQUIRED FOR CONSTRUCTION PER THE DWM INVOLVEMENT LETTER FOR THIS PROJECT.
37.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER SERVICES AND FIRE PROTECTION DURING CONSTRUCTION.
38.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES.
39.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL THE UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES.
40.

THE CONTRACTOR IS RESPONSIBLE FOR RESOLVING ANY UTILITY CONFLICTS, AND/OR VERIFYING THAT ANY UTILITY IN CONFLICT WITH THE PROPOSED WATER MAIN HAS BEEN RELOCATED.
41.

THE CONTRACTOR SHALL PROVIDE THE DWM WITH TWO COPIES OF A REDLINE MARKED-UP AS-BUILT DRAWING OF THE WATER MAIN INSTALLATION WITH ANY DESIGN CHANGES THAT HAVE BEEN MADE. THIS DRAWING SHALL NOTE EXACT LOCATIONS OF THE WATER MAINS, VALVES, FITTINGS, CONNECTIONS TO EXISTING WATER MAINS, SERVICES, AND ANY SPECIAL INSTALLATIONS. LOCATIONS SHALL BE REFERENCED TO STREET RIGHT-OF-WAYS, AND THE DEPTH OF COVER SHALL ALSO BE INDICATED. THE AS-BUILT SHALL BE SIGNED AND DATED BY THE CONTRACTOR’S PROJECT COORDINATOR, ALONG WITH THEIR CONTACT INFORMATION.
42.

NO WATER SERVICE CONNECTION OR TAPS CAN BE MADE UNTIL THE WATER MAIN HAS BEEN APPROVED BY THE DWM AND IS IN SERVICE. INDIVIDUAL WATER SERVICE TAP PERMITS MUST BE ISSUED BY THE DEPARTMENT OF BUILDINGS PLUMBING PERMIT AND PLAN DESK, AND METERS MUST BE INSTALLED PRIOR TO THE SERVICE CONNECTION BEING MADE BY THE DWM.
43.

LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
44.

THE CONTRACTOR MUST VERIFY THE LOCATION OF UNDERGROUND UTILITIES WITH THE UTILITY OWNERS PRIOR TO DOING ANY WORK IN THE VICINITY. THE CONTRACTOR MUST COMPLY WITH REQUIREMENTS OF UTILITY OWNERS REGARDING NOTICE OF WORK AND PROTECTION OF UTILITIES. THE CONTRACTOR MUST COMPLY WITH THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DAMAGE PREVENETION PROTOCOL CITY INFRASTRUCTURE DEPARTMENTS. ALL UTILITIES MUST BE NOTIFIED AT LEAST 48 HOURS BEFORE CONSTRUCTION. (CALL DIGGER 312-744-7000).
45.

TEST PITS MUST BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE DEPARTMENT MANAGER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
46.

IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND MUST REMAIN IN PLACE, THE CONTRACTOR MUST PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIFICATIONS OR AS DIRECTED BY THE COMMISSIONER.
47.

PROVIDE EROSION CONTROL IN ACCORDANCE WITH THE SPECIFICATIONS.
48.

FITTINGS AND THEIR LOCATIONS INDICATED ON THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR MUST COMPLETE THE INSTALLATION WITH THE NECESSARY FITTINGS DICTATED BY FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR DEVIATIONS FROM THE INDICATED FITTINGS.
49.

WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM IS CONSIDERED INCIDENTAL TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
50.

WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE COMMISSIONER DUE TO FIELD CONDITIONS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE COMMISSIONER.
51.

THE CONTRACTOR MUST PROVIDE THRUST RESTRAINTS IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONTRACTOR MUST FURNISH AND INSTALL MECHANICAL JOINT THRUST RESTRAINT GLANDS AT ALL FITTINGS AND MECHANICAL JOINTS.
52.

ALL OPENINGS IN EXISTING WATER MAINS MUST BE PLUGGED OR CAPPED WITH DUCTILE IRON FITTINGS UNTIL THE MAIN IS ABANDONED.
53.

ALL VALVE BASINS MUST BE CONSTRUCTED OF PRE-CAST REINFORCED CONCRETE UNLESS DIRECTED OTHERWISE BY THE COMMISSIONER.
54.

NOTES INDICATING S.N.L., E.W.L., ETC., MEAN SOUTH OF THE NORTH PROPERTY LINE, EAST OF THE WEST PROPERTY LINE, ETC., AND ARE MEASURED FROM THE NEAREST STREET.
55.

HOUSE DRAINS ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR MUST LOCATE ALL HOUSE DRAINS WITHIN THE AREA OF EXCAVATION AND MAKE ADJUSTMENTS AND/OR REPAIRS.
56.

ABANDON EXISTING WATER MAINS IN ACCORDANCE WITH THE SPECIFICATONS.



USER NAME = mike.thon	DESIGNED - MJJ	REVISED -
	DRAWN - MGT	REVISED -
PLOT SCALE = 10,000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 12/13/2024	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	3
CONTRACT NO. C1617				
ILLINOIS		FED. AID PROJECT		



SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14
2	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16
3	TREE PROTECTION	EACH	18
4	ROOT PRUNING	FOOT	240
5	EARTH EXCAVATION	CU YD	3431
6	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	133
7	TRENCH BACKFILL	CU YD	60
8	TRENCH BACKFILL, WATERMAIN	CU YD	210
9	TOPSOIL FURNISH AND PLACE, 4-INCH	SQ YD	1726
10	SHREDDED HARDWOOD BARK MULCH	SQ YD	24
11	SODDING, SALT TOLERANT	SQ YD	1726
12	TREE PLANTING 2-1/2 INCH TO 3-INCH B&B	EACH	20
13	INLET FILTERS	EACH	8
14	SAND CUSHION, VARIABLE DEPTH	CU YD	109
15	SUBBASE GRANULAR MATERIAL, TYPE B, 6-INCH	CU YD	686
16	PORTLAND CEMENT CONCRETE BASE COURSE, 7-INCH	SQ YD	3430
17	BITUMINOUS MATERIALS (TACK COAT)	POUND	2433
18	LEVELING BINDER (HAND METHOD), N50	TON	3
19	LEVELING BINDER (MACHINE METHOD), N50 1-1/2 INCH	TON	303
20	HOT-MIX ASPHALT SURFACE COURSE, IL-19, MIX "D", N50, 2 INCH	TON	404
21	BITUMINOUS COST ADJUSTMENT	CAL MONTH	4
22	PROTECTIVE COAT	SQ YD	1834
23	PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY PAVEMENTS, 8-INCH	SQ YD	394
24	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5456
25	PORTLAND CEMENT CONCRETE ADA RAMP 5 INCH	SQ FT	1844
26	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1351
27	PORTLAND CEMENT CONCRETE ADA RAMP 8 INCH	SQ FT	132
28	LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	230
29	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	175
30	PAVEMENT REMOVAL	SQ YD	3886
31	CURB REMOVAL	FOOT	548
32	COMBINATION CURB AND GUTTER REMOVAL	FOOT	404
33	SIDEWALK REMOVAL	SQ FT	7362
34	SAW CUTTING PAVEMENT	FOOT	366
35	DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL (SPECIAL)	SQ YD	630
36	STORM SEWER, EXTRA STRENGTH VITRIFIED CLAY PIPE, TYPE 2, 8 INCH	FOOT	43
37	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 8 INCH	FOOT	95
38	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 18 INCH	FOOT	0
39	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 24 INCH	FOOT	0
40	SEWER CLEANING AND TELEVISING	FOOT	3840
41	DUCTILE IRON WATER MAIN TEE, 8"X8"	EACH	2
42	WATER MAIN INSTALLED IN OPEN CUT, 8 INCH	FOOT	419
43	DUCTILE IRON WATER MAIN REDUCER, 8"X6"	EACH	1
44	WATER VALVE, 8 INCH	EACH	2
45	DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	0

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
46	DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND	EACH	6
47	WATER SERVICE LINE 3/4"	FOOT	0
48	WATER SERVICE LINE 1"	FOOT	68
49	REMOVE EXISTING FIRE HYDRANT	EACH	1
50	HYDRANT INSTALLATION	EACH	1
51	FIRE HYDRANTS (SPECIAL - FLUSHING HYDRANT)	EACH	1
52	REMOVE EXISTING VALVE AND VAULT	EACH	0
53	SERVICE CONTROL VALVE AND BUFFALO BOX	EACH	2
54	RESILIENT WEDGE VALVE 8"	EACH	1
55	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	8
56	MANHOLES, TYPE B, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
57	ADDITIONAL MASONRY	FOOT	2
58	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1
59	MANHOLES TO BE ADJUSTED	EACH	5
60	VALVE VAULTS TO BE ADJUSTED	EACH	1
61	REMOVING MANHOLES	EACH	0
62	REMOVING CATCH BASINS	EACH	8
63	CONCRETE CURB, TYPE B	FOOT	139
64	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V12	FOOT	2017
65	CONSTRUCTION SIGN	EACH	2
66	NON-SPECIAL WASTE DISPOSAL	CU YD	3431
67	SOIL DISPOSAL ANALYSIS	EACH	1
68	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
69	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
70	REGULATED SUBSTANCES MONITORING	CAL DAY	40
71	ENGINEER'S FIELD OFFICE	CAL MONTH	4
72	TRAFFIC CONTROL COMPLETE	L SUM	1
73	AGGREGATE FOR TEMPORARY ACCESS	TON	150
74	SIGN PANEL, TYPE 1, RETROREFLECTIVE	SQ FT	161
75	REMOVE AND SALVAGE SIGN PANEL	EACH	11
76	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	11
77	SIGN SUPPORT POST, DIG METHOD	EACH	19
78	SIGN SUPPORT POST, DRILL METHOD	EACH	1
79	THERMOPLASTIC PAVEMENT MARKING, LINE 6 IN	FOOT	571
80	THERMOPLASTIC PAVEMENT MARKING, LINE 24 IN	FOOT	101
81	DRILL AND GROUT DOWEL AND TIE BARS	EACH	977
82	MAINTENANCE OF STREET LIGHTING SYSTEM	L SUM	1
83	CONDUIT IN TRENCH, GALVANIZED STEEL, 2" DIA.	FOOT	126
84	CONDUIT IN TRENCH, PVC (SCHEDULE 80), 2" DIA.	FOOT	172
85	CONDUIT, DIRECTIONAL BORED, COILABLE NONMETALLIC CONDUIT, SCHEDULE 80, 2" DIA.	FOOT	1306
86	TRENCH AND BACKFILL WITH SCREENINGS	FOOT	300
87	INTERCEPT EXISTING CONDUIT	EACH	1
88	CONDUIT RISER ATTACHED TO POLE, 2"	EACH	3
89	HANDHOLE, ELECTRIC, WITH 24" FRAME AND COVER	EACH	2
90	CLEAN EXISTING CITY MANHOLE OR HANDHOLE	EACH	3

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
91	DRILL EXISTING ELECTRIC HANDHOLE OR MANHOLE	EACH	2
92	ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6, 1-1/C NO. 8 GROUND	FOOT	1926
93	RACK, SECONDARY AERIAL 3 WIRE	EACH	4
94	LUMINAIRE, LED, ACORN, ARTERIAL, RESIDENTIAL	EACH	10
95	LUMINAIRE, LED, COBRA HEAD, RESIDENTIAL	EACH	10
96	LUMINAIRE NODE, INTERNAL	EACH	10
97	CONTROLLER, STREET LIGHTING, POLE MOUNTED, CONSTANT POWER, 1-PHASE, 120/240V, 60A	EACH	3
98	LIGHT POLE, ALUMINUM, DAVIT, 18 FT. M.H., 8 FT DAVIT ARM	EACH	10
99	LIGHT POLE FOUNDATION, METAL, 10" BOLT CIRCLE, 8 5/8" X 5'	EACH	12
100	RELOCATE EXISTING LIGHTING UNIT	EACH	2
101	REMOVE EXISTING STREET LIGHTING EQUIPMENT	L SUM	1
102	BREAKDOWN CONCRETE FOUNDATION, LIGHT POLE	EACH	3
103	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	LN FT	680

TREE PLANTING SCHEDULE

• SPRING PLANTING

SYMBOL	NAME	COMMON NAME	QUANTITY
<div><div><div>+</div></div><div>RL</div></div>	TILIA AMERICANA REDMOND	REDMOND LINDEN	7 EACH
<div><div><div>+</div></div><div>CO</div></div>	CELTIS OCCIDENTALIS CHICAGOLAND	CHICAGOLAND HACKBERRY	7 EACH
<div><div><div>+</div></div><div>SWO</div></div>	QUERCUS BICOLOR	SWAMP WHITE OAK	6 EACH
		TOTALS	20 EACH

MODEL: D:\p\p\13-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CAD\2022\112th St Fairfield to Rockwell\Sheets\22-112th-shi-soq.dgn



USER NAME = mike.thon

DESIGNED - MJJ

REVISD -

PLOT SCALE = 10.000 ' / in.

CHECKED - JAC

REVISD -

PLOT DATE = 12/13/2024

DATE - 12/13/2024

ISSUED FOR BID - 12/17/2024

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

COOK

51

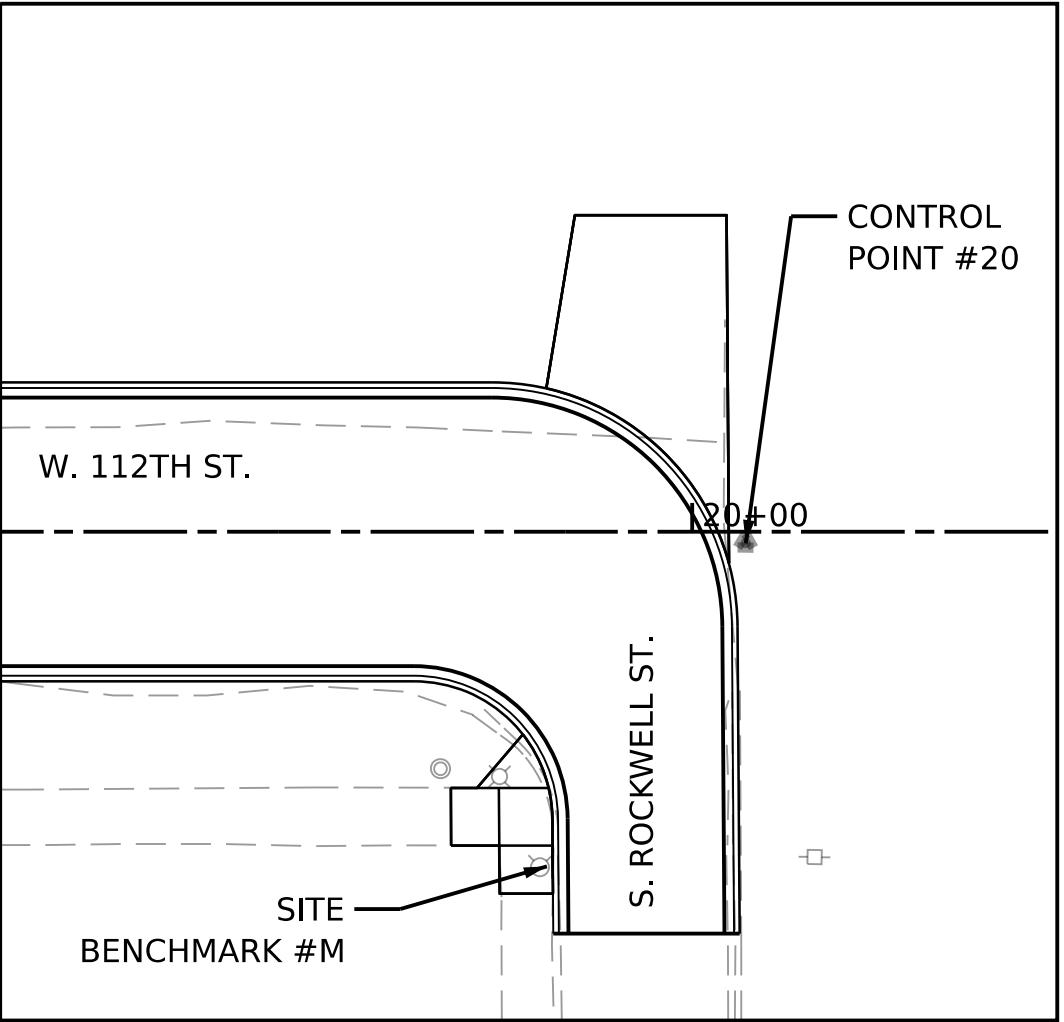
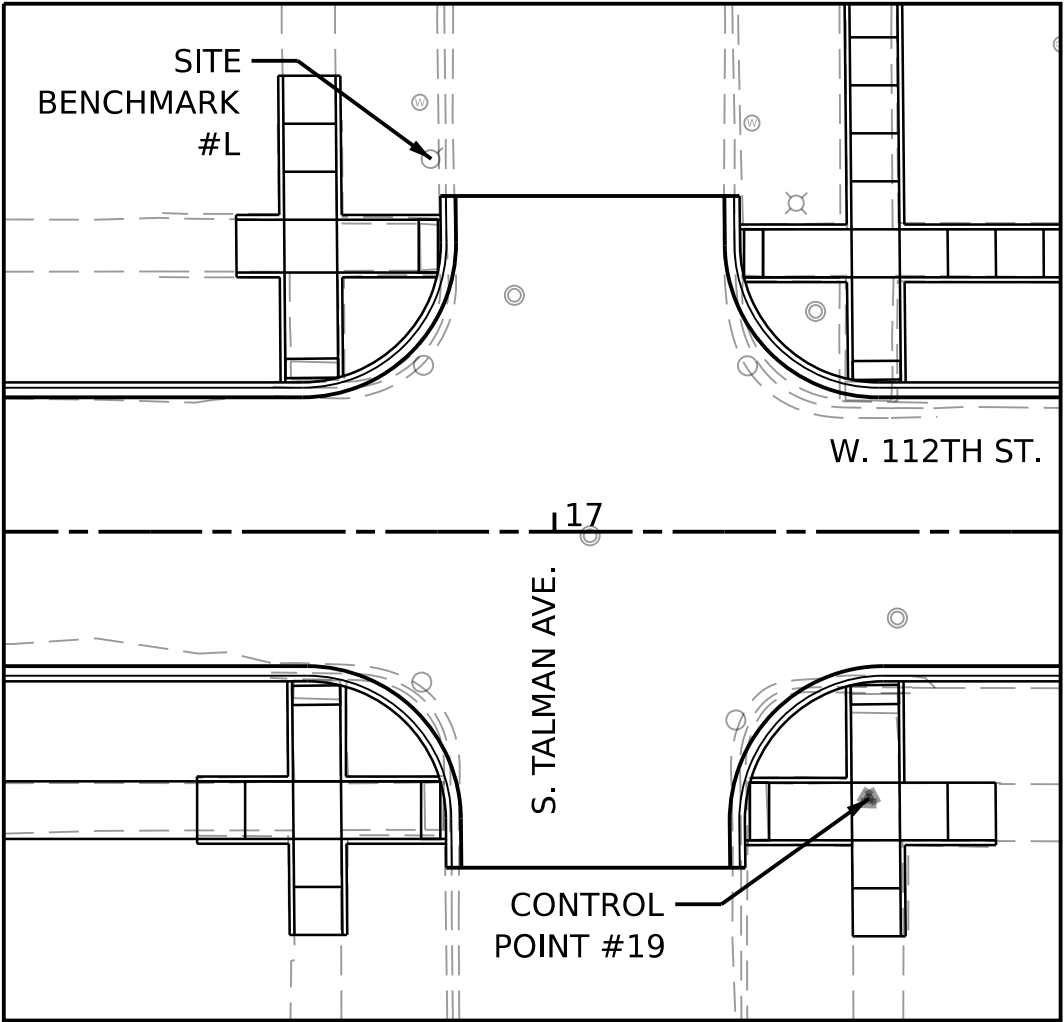
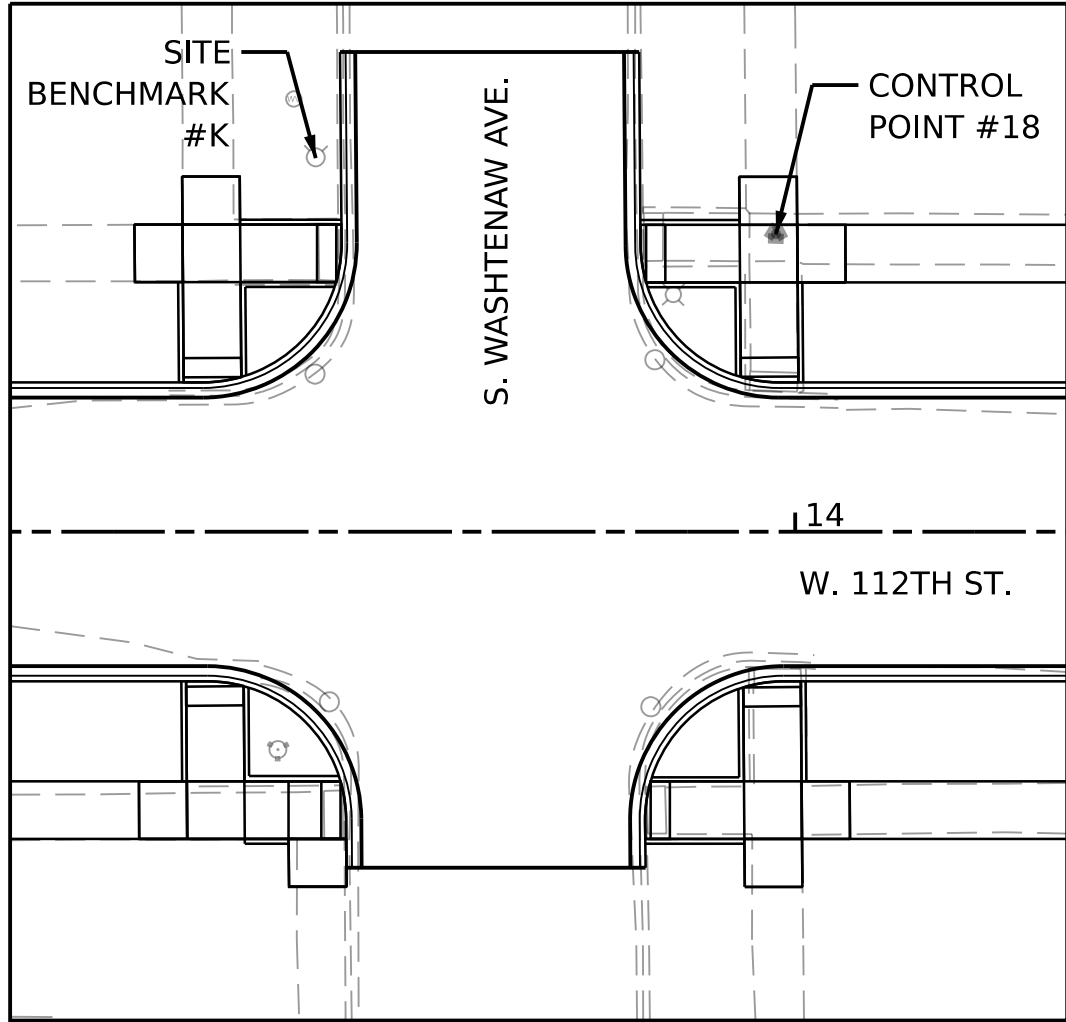
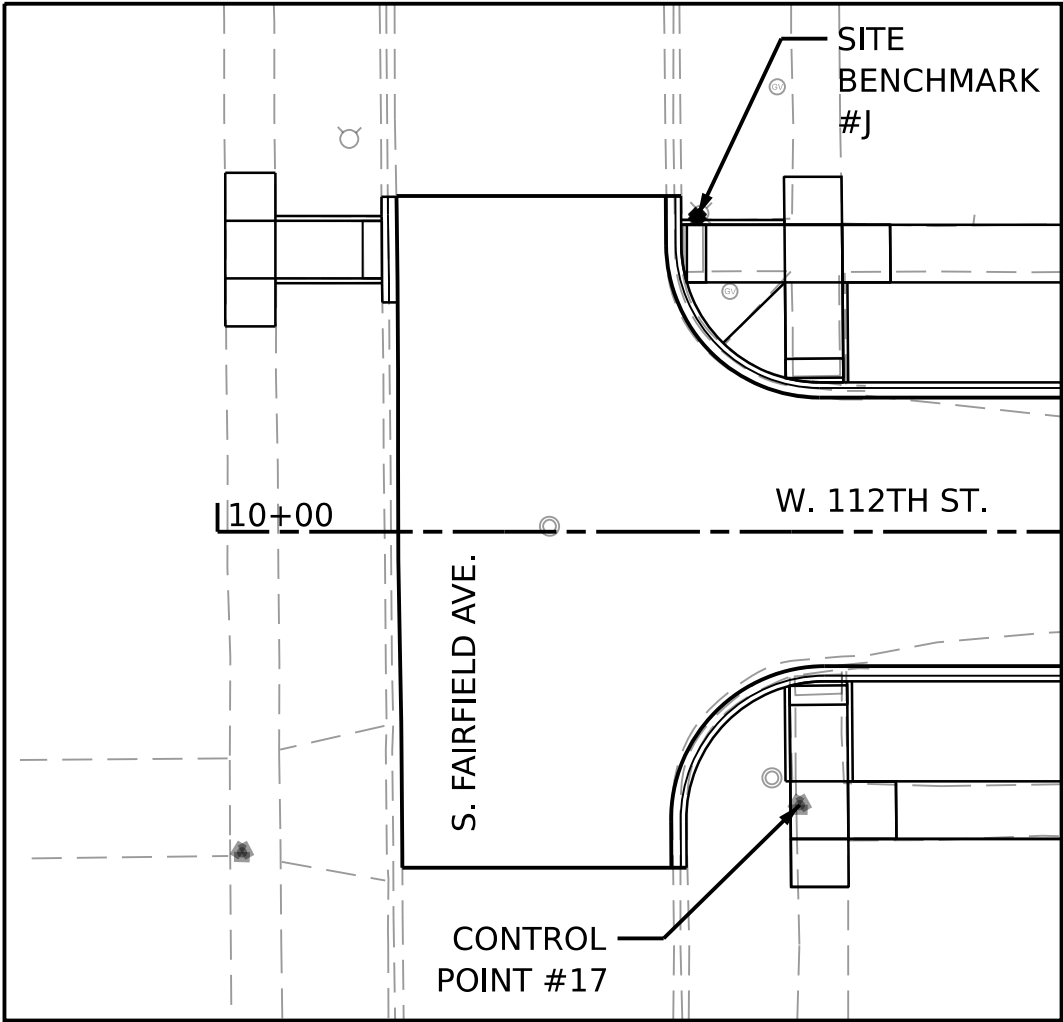
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CONTRACT NO. C1617

ILLINOIS

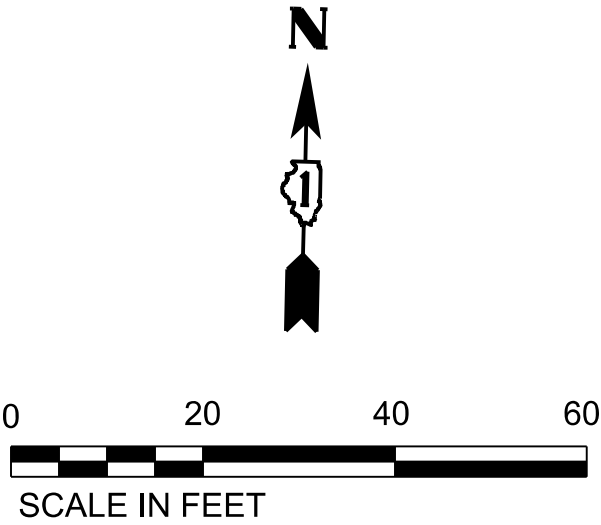
FED. AID PROJECT





ALIGNMENT, TIES, AND BENCHMARKS W. 112TH ST.

CONTROL POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION	STATION	OFFSET
CITY BENCHMARK #5084	W. 112TH ST. AND S. FAIRFIELD AVE. (SOUTHEAST CORNER) ABOUT "???" ON THE SOUTH LINE OF W. 112TH ST. ABOUT 26 FT EAST OF THE EAST LINE OF S. FAIRFIELD AVE. MARKCUT AT THE NORTHWEST CORNER OF CONCRETE BOTTOM STEP AT THE ENTRNACE ON THE NORTH SIDE OF 1 STORY BRICK BUILDING	SEE DESCRIPTION	SEE DESCRIPTION	53.447	SEE NOTE	SEE NOTE
BM #J	SOUTHWEST BOLT OF LIGHT POLE AT NORTHEAST CORNER OF S. FAIRFIELD AVE. AND W. 112TH ST.	NOT AVAILABLE	NOT AVAILABLE	52.683	10+50.02	32.91' LT
BM #K	CHAIN BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF W. 112TH ST. AND S. WASHTENAW AVE.	NOT AVAILABLE	NOT AVAILABLE	56.026	13+50.59	38.85' LT
BM #L	CHAINBOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF W. 112TH ST. AND S. TALMAN AVE.	NOT AVAILABLE	NOT AVAILABLE	57.206	16+87.16	38.86' LT
BM #M	CHAIN BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF W. 112TH ST AND S. ROCKWELL ST.	NOT AVAILABLE	NOT AVAILABLE	58.495	19+84.86	34.86' RT
CP #17	DESCRIPTION UNAVAILABLE	NOT AVAILABLE	NOT AVAILABLE	52.703	10+60.66	28.47' RT
CP #18	DESCRIPTION UNAVAILABLE	NOT AVAILABLE	NOT AVAILABLE	55.082	13+98.01	31.02' LT
CP #19	DESCRIPTION UNAVAILABLE	NOT AVAILABLE	NOT AVAILABLE	55.586	17+32.76	27.79' RT
CP #20	DESCRIPTION UNAVAILABLE	NOT AVAILABLE	NOT AVAILABLE	57.958	20+05.57	1.17' RT



NOTE: BENCHMARK/CONTROL POINTS LOCATED OUTSIDE OF PROJECT BOUNDARIES. NOT SHOWN ON SHEET.

MODEL: Default  
FILE NAME: Z:\13-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CDOT\2022\112th St, Fairfield to Rockwell\Sheets\22-112th-st-atb.dgn



EXISTING LEGEND

- (A) EXISTING PAVEMENT
- (B) GRASS OR GRAVEL PARKWAY
- (C) EXISTING CONCRETE SIDEWALK

REMOVAL LEGEND



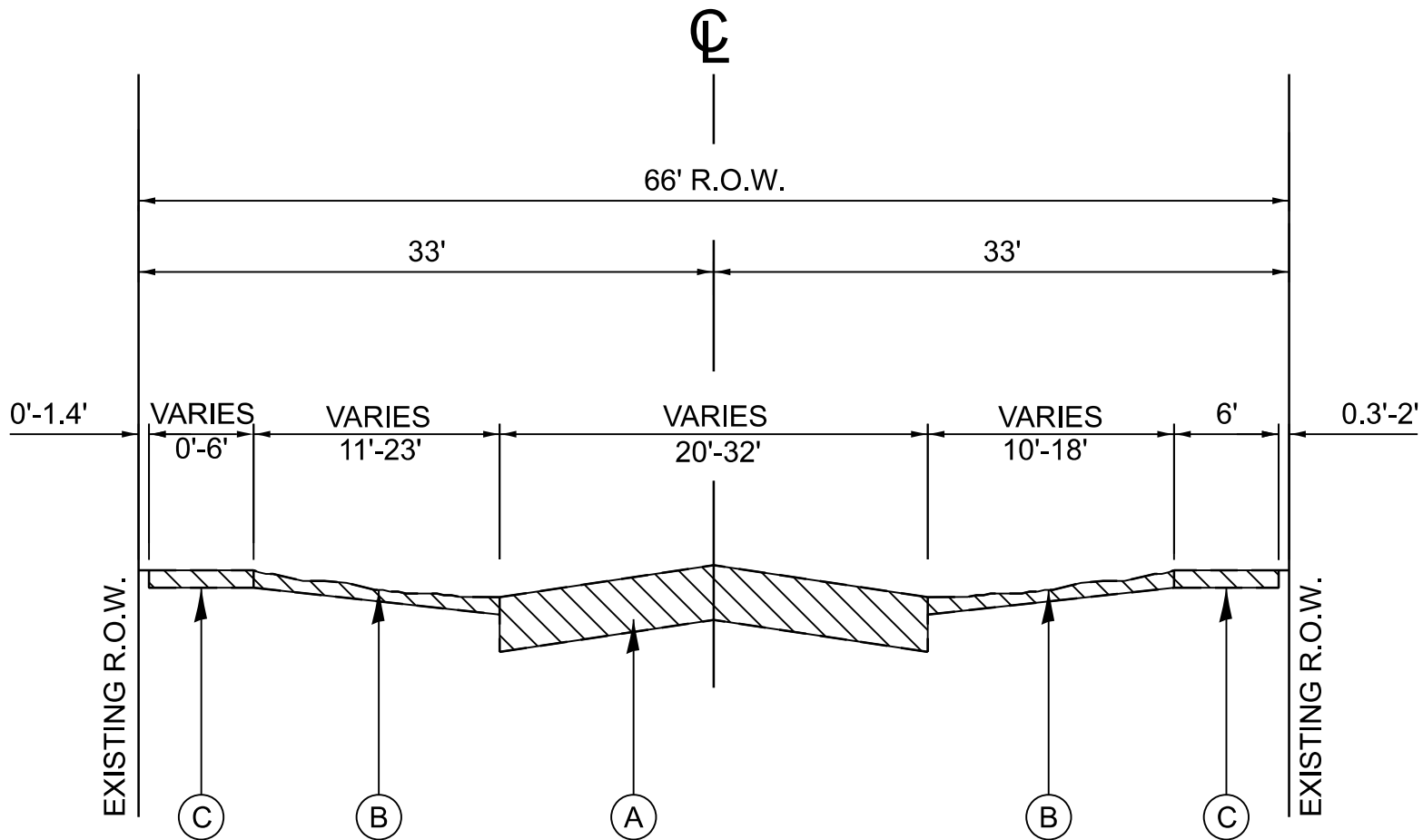
REMOVAL ITEMS

PROPOSED LEGEND

- (1) HOT MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
- (2) LEVELING BINDER COURSE, (MACHINE METHOD), N50, 1 1/2"
- (3) BITUMINOUS MATERIALS (TACK COAT)
- (4) P.C.C. BASE COURSE, 7"
- (5) COMBINATION CURB AND GUTTER, TYPE B-V.12
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (7) P.C.C. SIDEWALK, 5" OR 8" (SEE NOTE 1)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT
- (9) TIE BAR - #5, 30" LONG SPACED @ 30" C-C (EPOXY COATED)
- (10) TIE BAR, DEFORMED - 1/2" DIA., SPACED @ 30" C-C (MAX.)

NOTES

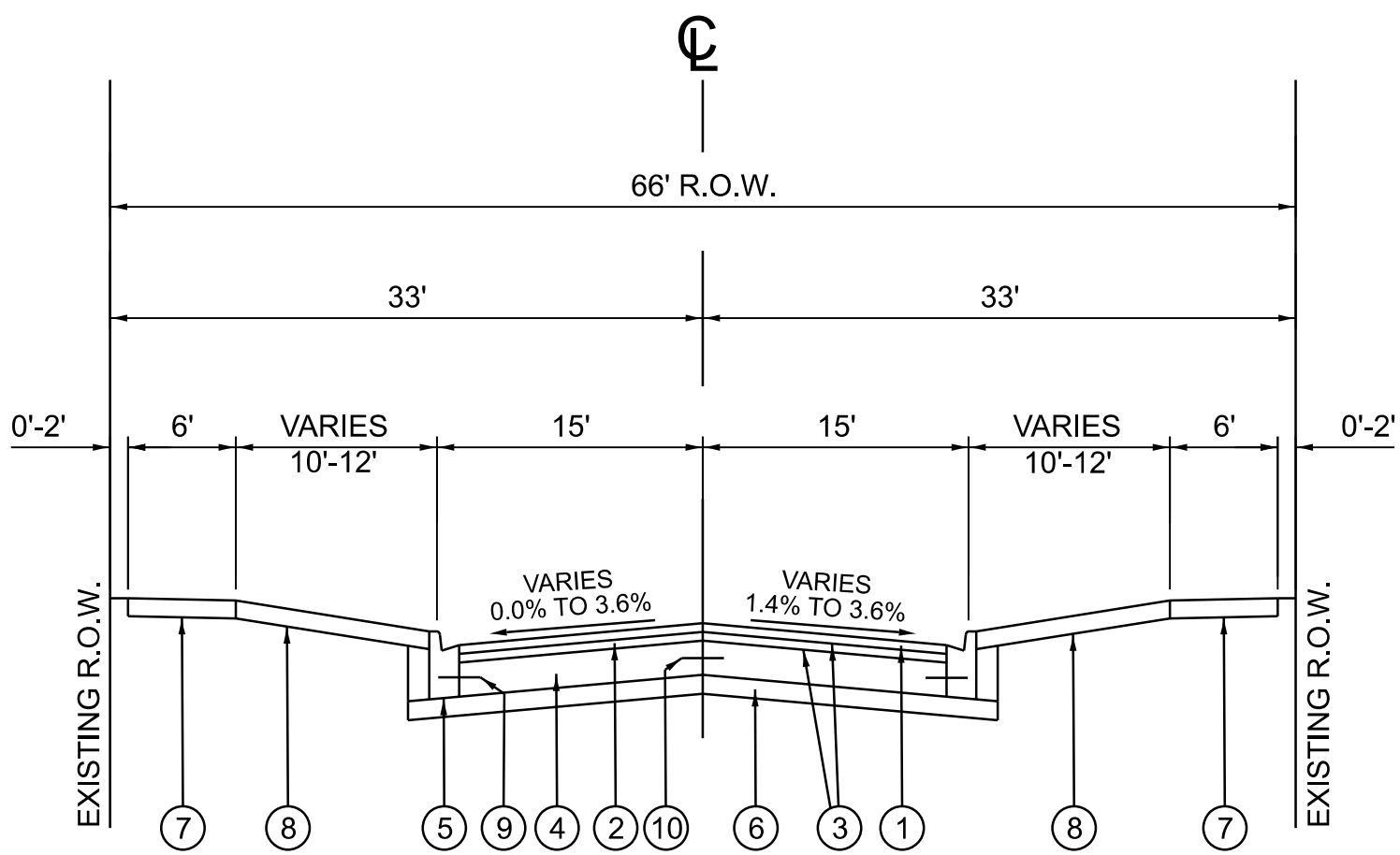
- SIDEWALK SHALL BE REPLACED AT LOCATIONS NOTED ON THE PLANS OR AS DIRECTED BY THE PBC PM/CDOT RE.
- BITUMINOUS TACK COAT MUST BE APPLIED AT THE RATE OF 0.05 TO 0.025 POUNDS PER SQUARE FOOT. TACK COAT MUST BE APPLIED WHEN SO DIRECTED BY THE COMMISSIONER.
- THE SUBBASE MATERIAL MUST BE CRUSHED STONE HAVING A CA-6 GRADATION WHICH MUST BE FURNISHED, PLACED TO A 6 INCH DEPTH, AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS FOR SUBBASE GRANULAR MATERIAL, TYPE B, AS STATED IN APPLICABLE PORTIONS OF SECTION 311 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- PAVEMENT REMOVAL MUST BE PRECEDED BY FULL DEPTH SAW CUTTING TO SEPARATE THE PORTION TO BE REMOVED FROM THE PORTION TO REMAIN. ANY PAVEMENT BEYOND THE LIMITS MARKED FOR REMOVAL THAT IS DAMAGED BY THE CONSTRUCTION MUST BE CUT FULL DEPTH WITH A CONCRETE SAW AND REPLACED AT NO ADDITIONAL COST TO THE CONTRACT.
- FOR PORTLAND CEMENT CONCRETE PAVEMENT JOINTING AND COMBINATION CONCRETE CURB AND GUTTER JOINTING DETAILS, REFER TO THE LATEST DETAIL CONSTRUCTION STANDARDS OF THE DIVISION OF ENGINEERING, CHICAGO DEPARTMENT OF TRANSPORTATION.
- PROPOSED SIDEWALK VARIES IN LOCATIONS, TYPICAL AT INTERSECTIONS, DRIVEWAYS AND ALLEYS. SEE PLANS FOR LOCATIONS.
- ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.
- ALL SOIL AND OTHER MATERIAL EXCAVATION SHALL BE PAID FOR AS EARTH EXCAVATION. THE TRANSPORTATION AND DISPOSAL OF SOIL AND OTHER MATERIALS FROM AN EXCAVATION DETERMINED TO BE CONTAMINATED SHALL BE PAID FOR AS NON-SPECIAL WASTE DISPOSAL.



EXISTING TYPICAL SECTION

W 112TH ST  
STA. 10+45.00\* TO STA. 20+04.89  
(NTS)

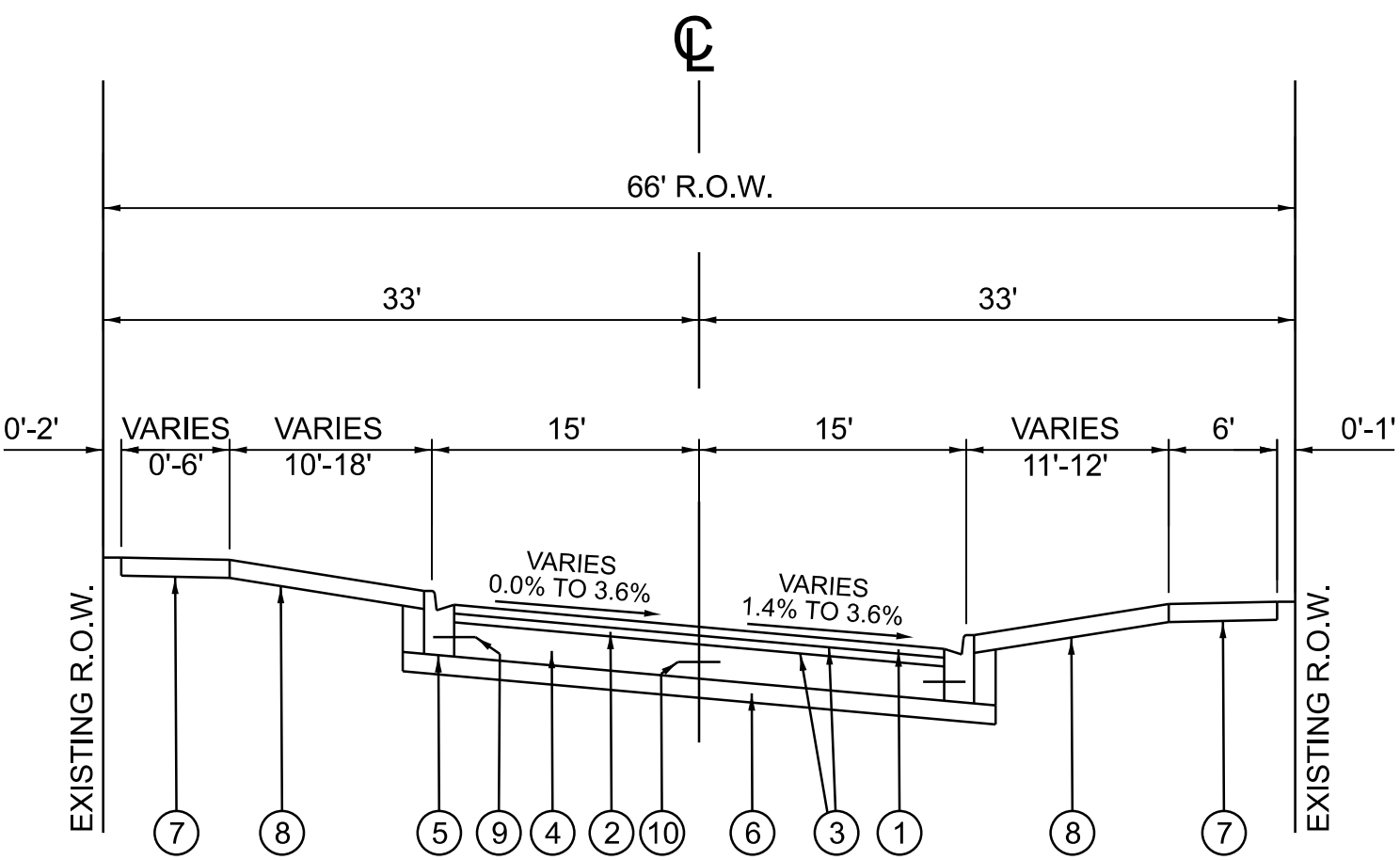
\*PAVEMENT RESURFACING ONLY FROM  
STA 10+18.83 TO STA 10+45.00



PROPOSED TYPICAL SECTION

W 112TH ST  
STA. 10+45.00\* TO STA. 18+14.90  
(NTS)

\*PAVEMENT RESURFACING ONLY FROM  
STA 10+18.83 TO STA 10+45.00



PROPOSED TYPICAL SECTION

W 112TH ST  
STA. 18+14.90 TO STA. 20+04.89  
(NTS)

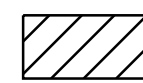
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  	USER NAME = mike.thon		DESIGNED - MJJ	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	DRAWN - MGT		CHECKED -	REVISED -							COOK	51	6			
	PLOT SCALE = 10.000' / in.		CHECKED - JAC	REVISED -												
	PLOT DATE = 12/13/2024		DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024												
						SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					
														CONTRACT NO. C1617		

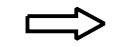


## MAINTENANCE OF TRAFFIC PLAN - STAGE 1

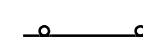
## LEGEND



## CONSTRUCTION WORK ZONE



DIRECTION OF TRAVEL



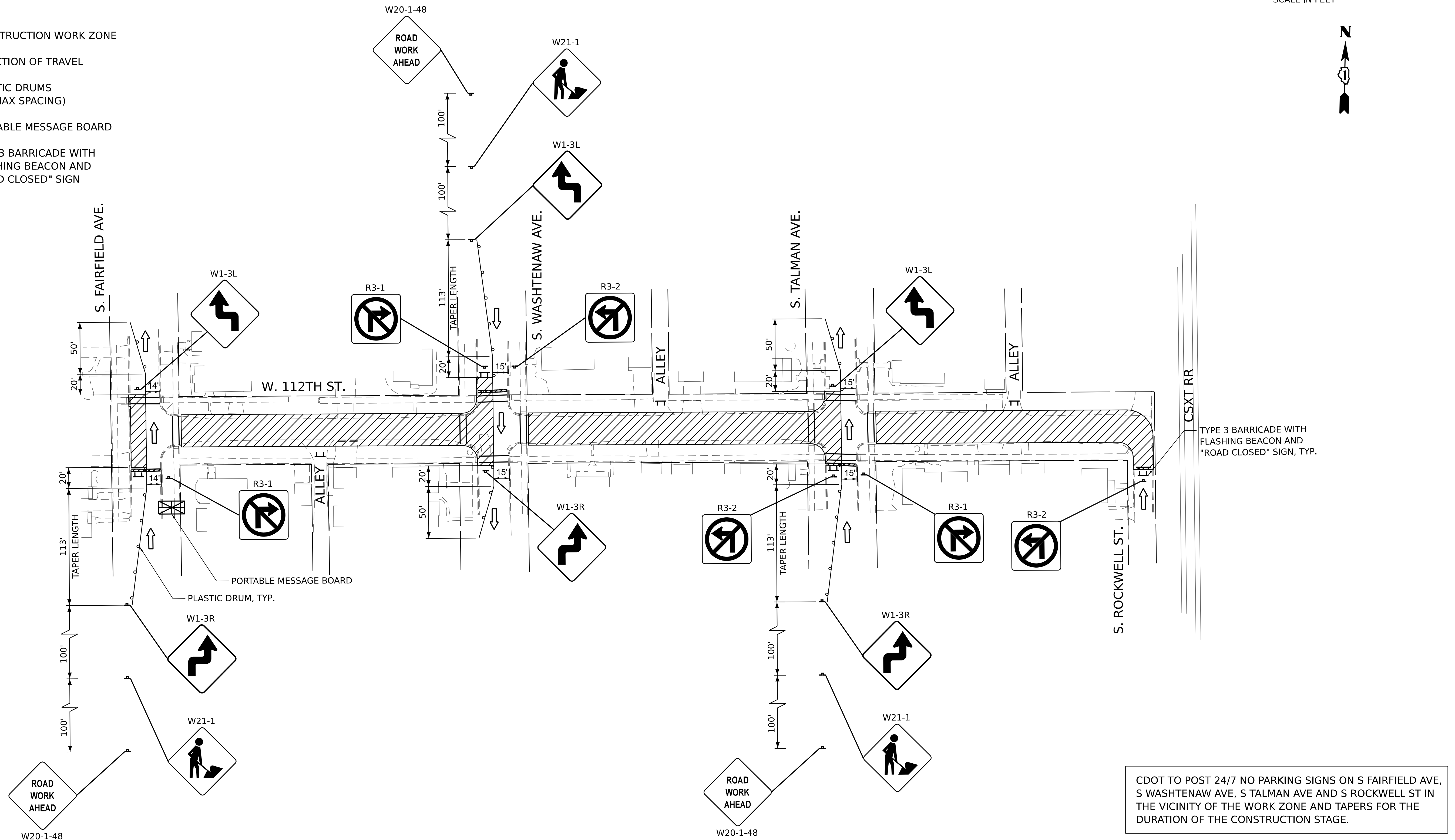
PLASTIC DRUMS  
(20' MAX SPACING)



PORTABLE MESSAGE BOARD



TYPE 3 BARRICADE WITH  
FLASHING BEACON AND  
"ROAD CLOSED" SIGN



CDOT TO POST 24/7 NO PARKING SIGNS ON S FAIRFIELD AVE, S WASHTENAW AVE, S TALMAN AVE AND S ROCKWELL ST IN THE VICINITY OF THE WORK ZONE AND TAPERS FOR THE DURATION OF THE CONSTRUCTION STAGE.

CONTRACTOR MUST MAINTAIN ALL CROSSWALKS  
AND ADA ACCESS AT ALL TIMES.



USER NAME = mike.thon	DESIGNED - MJJ	REVISED -
	DRAWN - MGT	REVISED -
PLOT SCALE = 49.998' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 12/13/2024	DATE 12/13/2024	ISSUED FOR BID 12/17/2024

**CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION**

## MAINTENANCE OF TRAFFIC PLAN – STAGE 1

SCALE: 1"=50'	SHEET	OF	SHEETS	STA	TO STA
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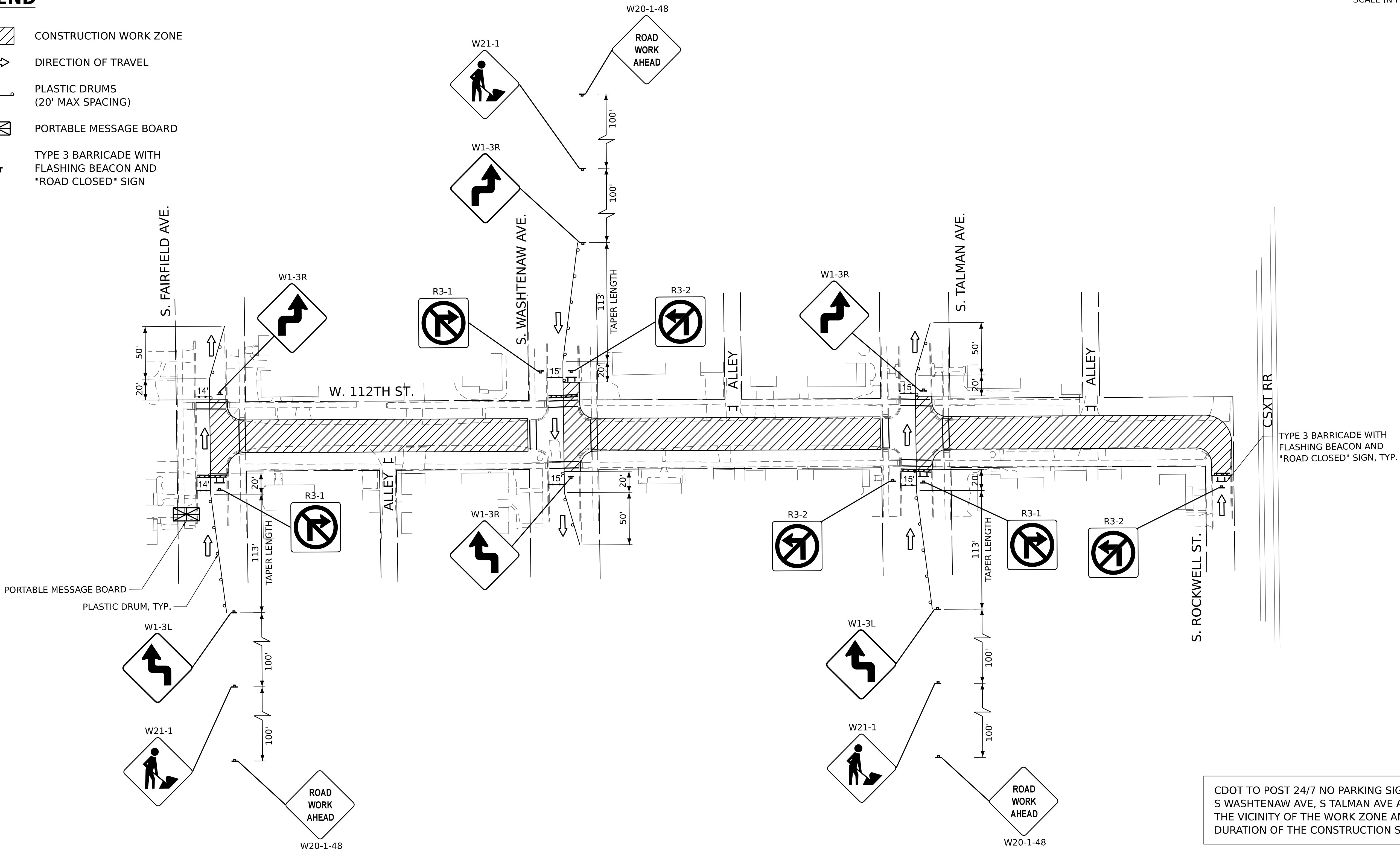
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	7
		CONTRACT NO. C1617		
		ILLINOIS EEO-400 PROJECT		



MAINTENANCE OF TRAFFIC PLAN - STAGE 2

LEGEND

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAVEL
- PLASTIC DRUMS (20' MAX SPACING)
- PORTABLE MESSAGE BOARD
- TYPE 3 BARRICADE WITH FLASHING BEACON AND "ROAD CLOSED" SIGN



CDOT TO POST 24/7 NO PARKING SIGNS ON S FAIRFIELD AVE, S WASHTENAW AVE, S TALMAN AVE AND S ROCKWELL ST IN THE VICINITY OF THE WORK ZONE AND TAPERS FOR THE DURATION OF THE CONSTRUCTION STAGE.

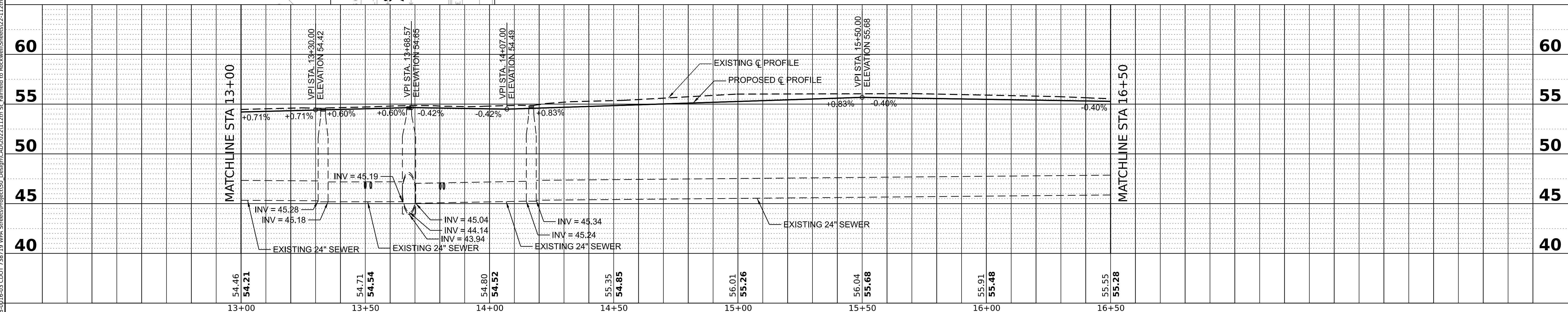
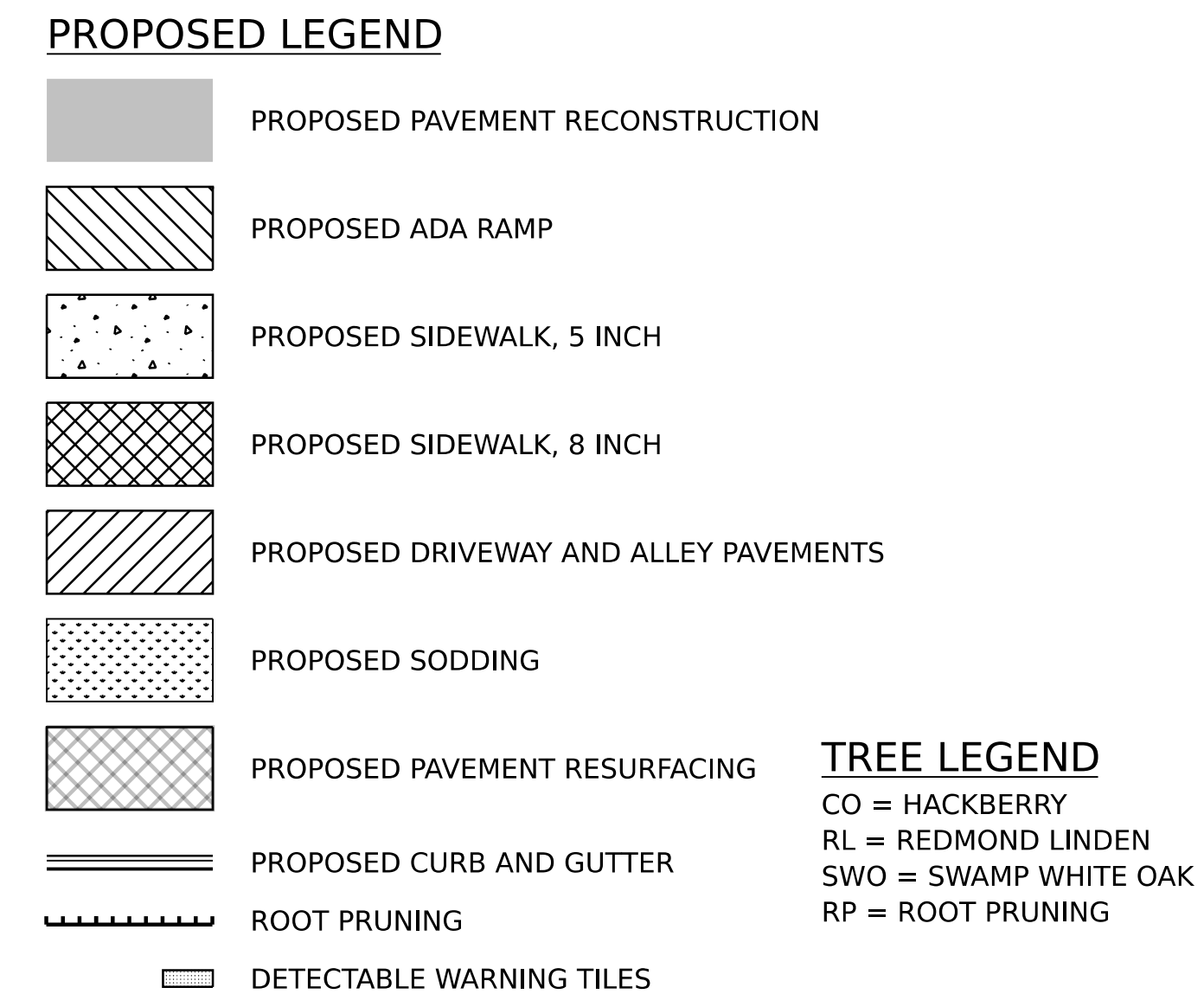
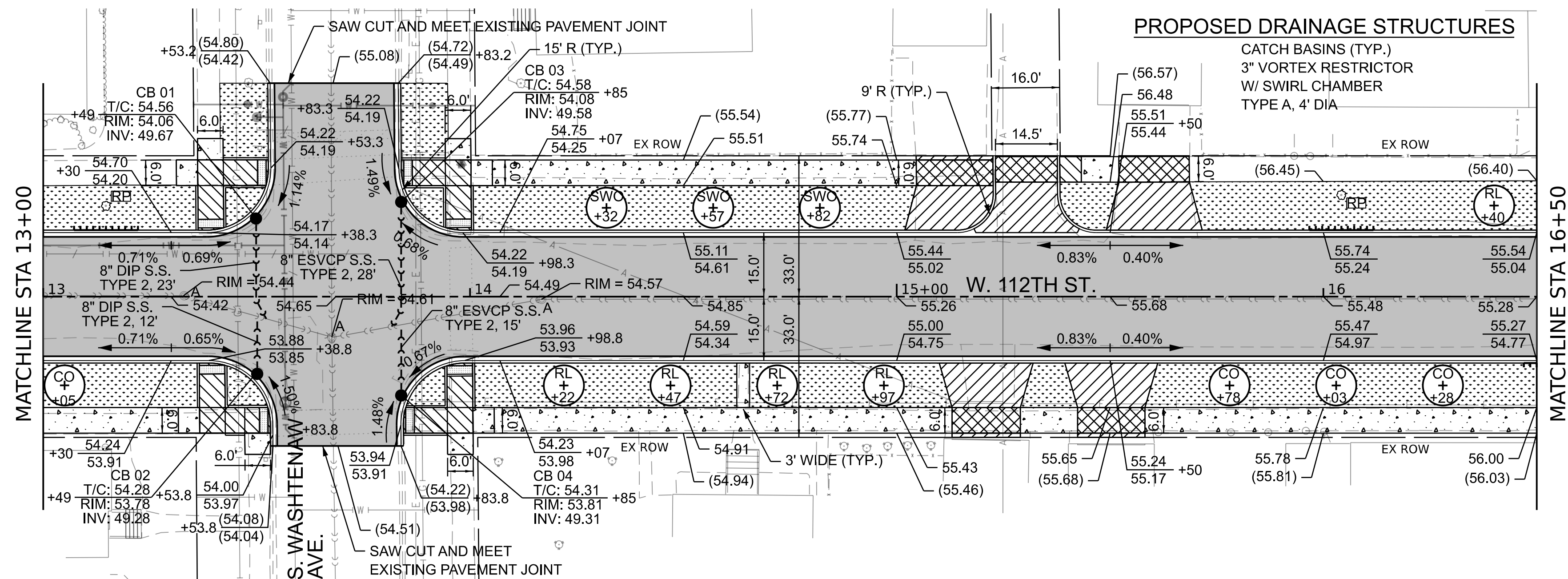
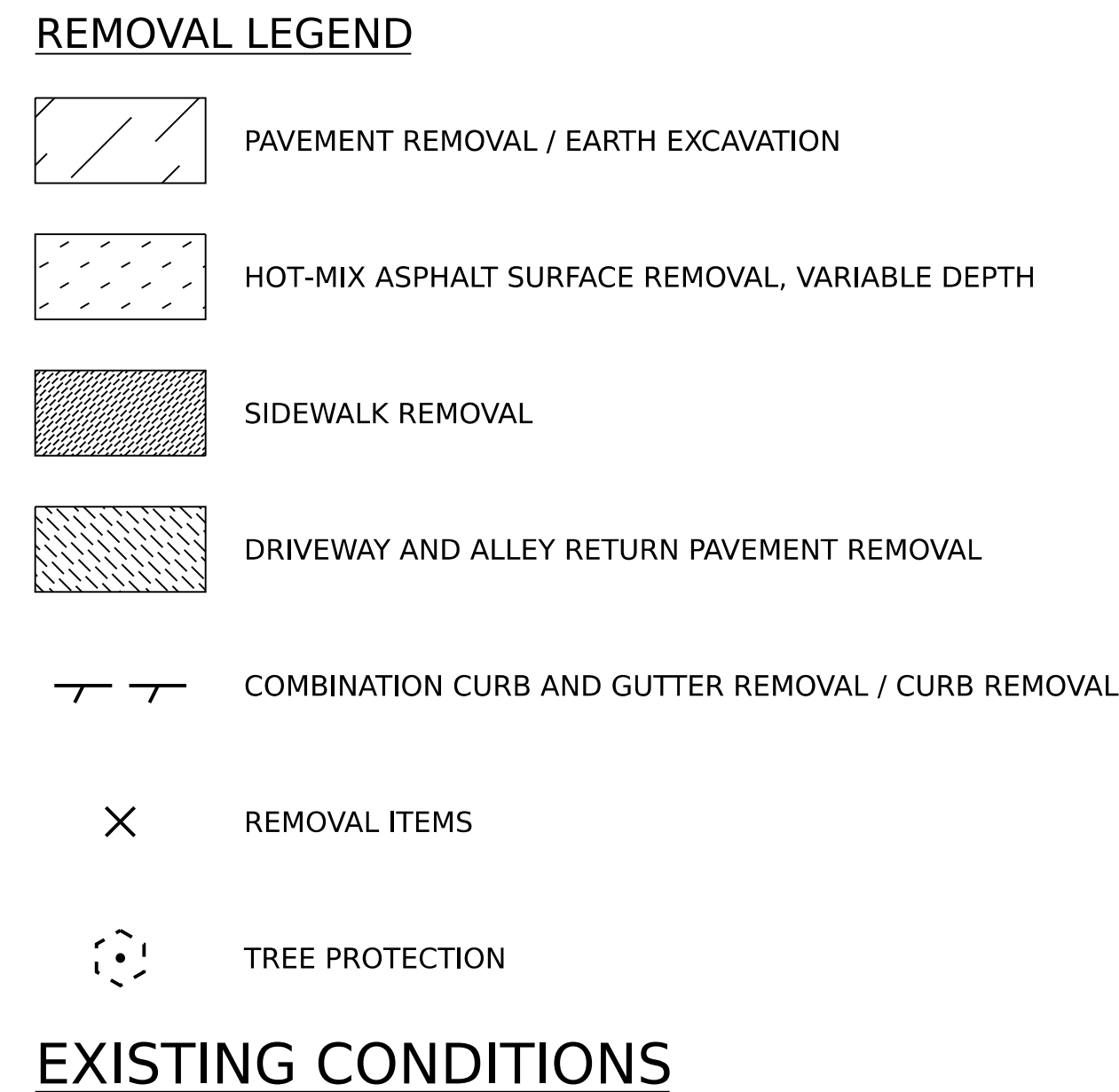
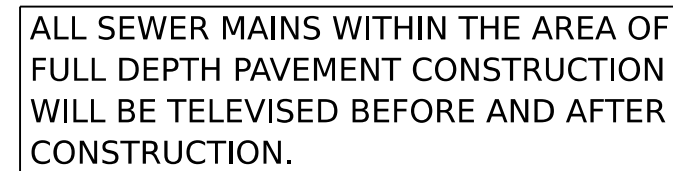
CONTRACTOR MUST MAINTAIN ALL CROSSWALKS AND ADA ACCESS AT ALL TIMES.

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NOTES

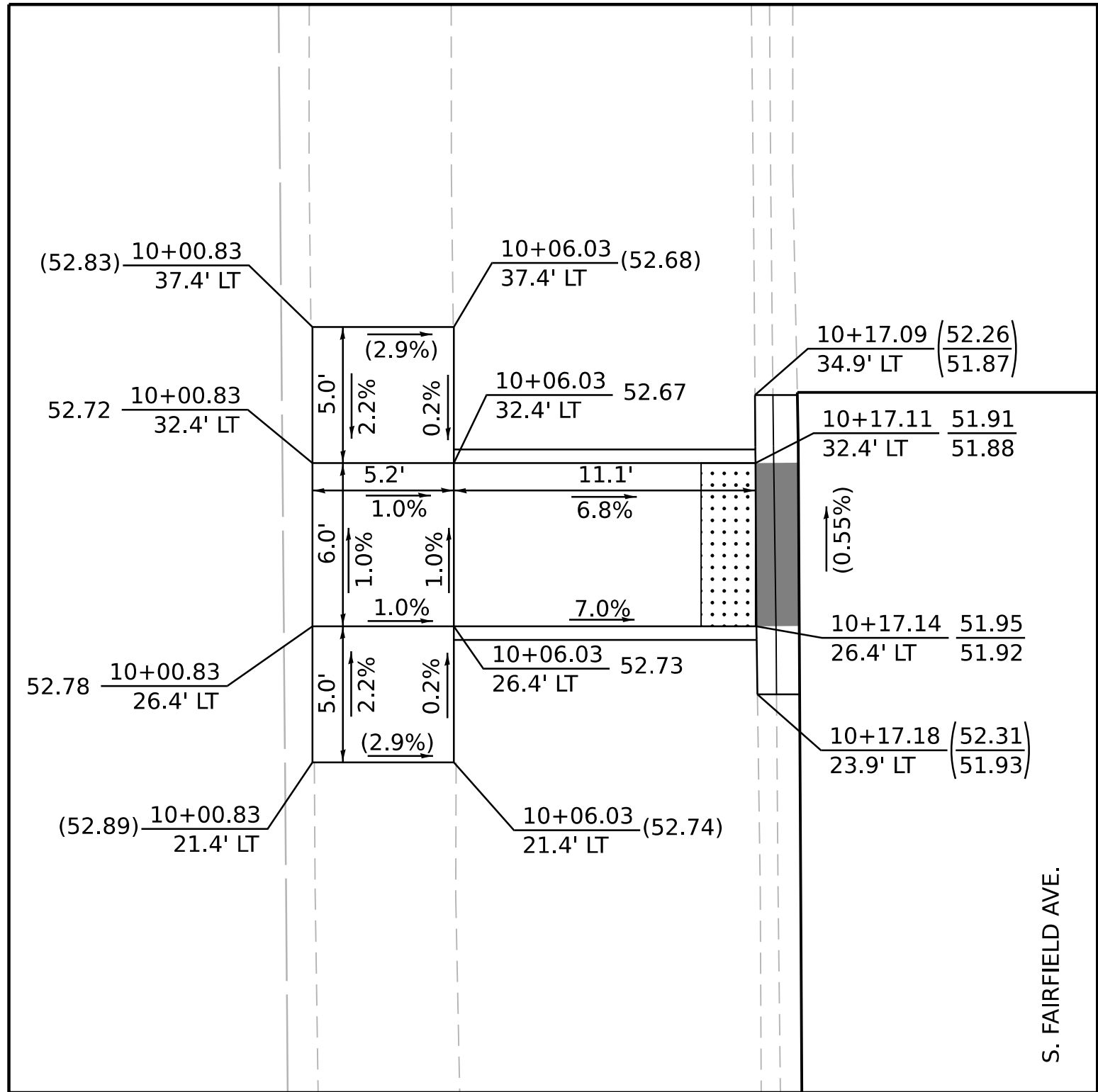
XX.XX - PROPOSED ELEVATION  
(XX.XX) - EXISTING ELEVATION

XX.XX - TOP OF CURB ELEVATION  
XX.XX - FLOWLINE ELEVATION

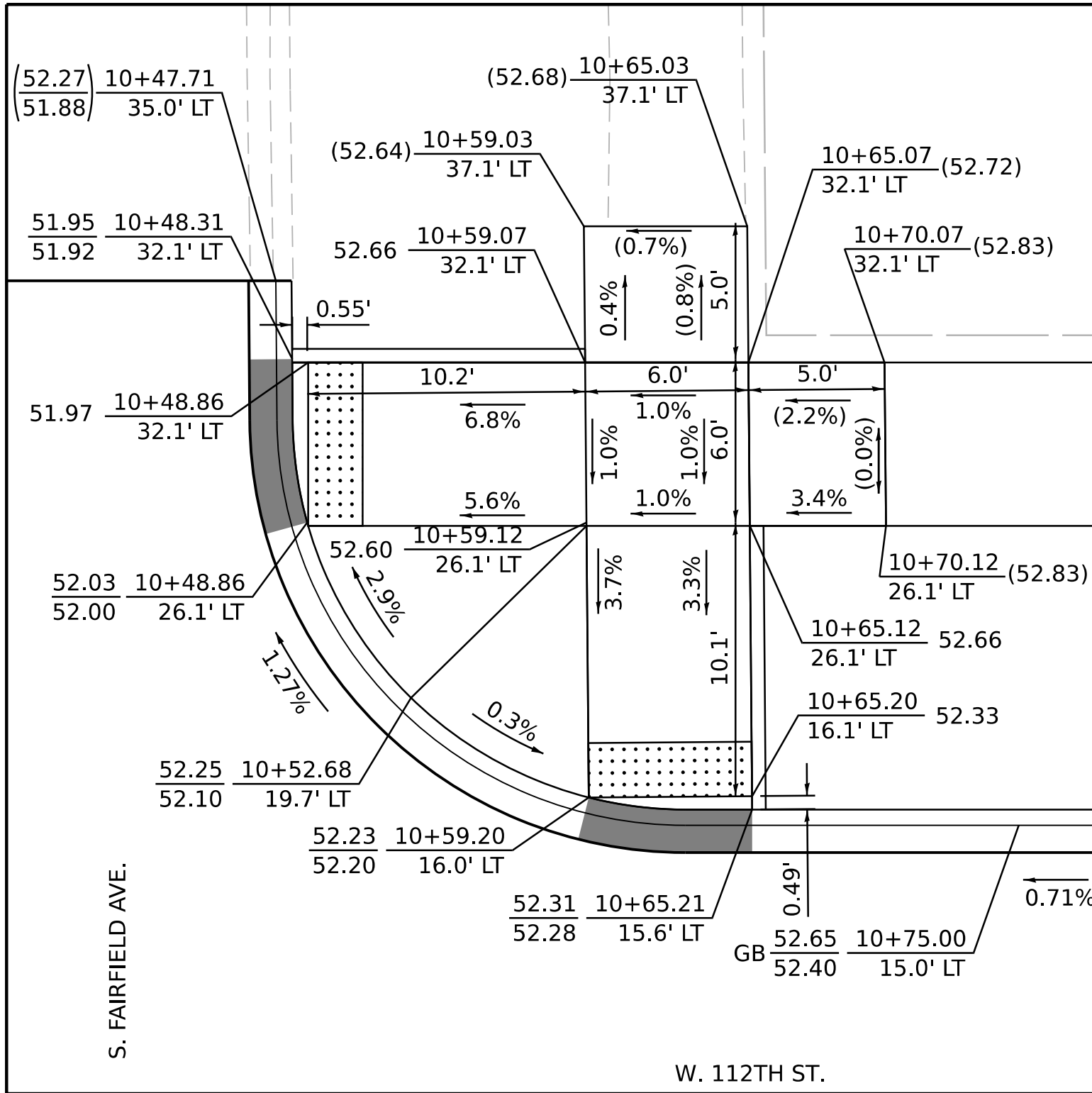
HP - HIGH POINT  
GB - GRADE BREAK

VARY CURB HEIGHT AS NEEDED TO  
ACHIEVE ELEVATIONS AS SHOWN.  
(MINIMUM CURB HEIGHT = 3")

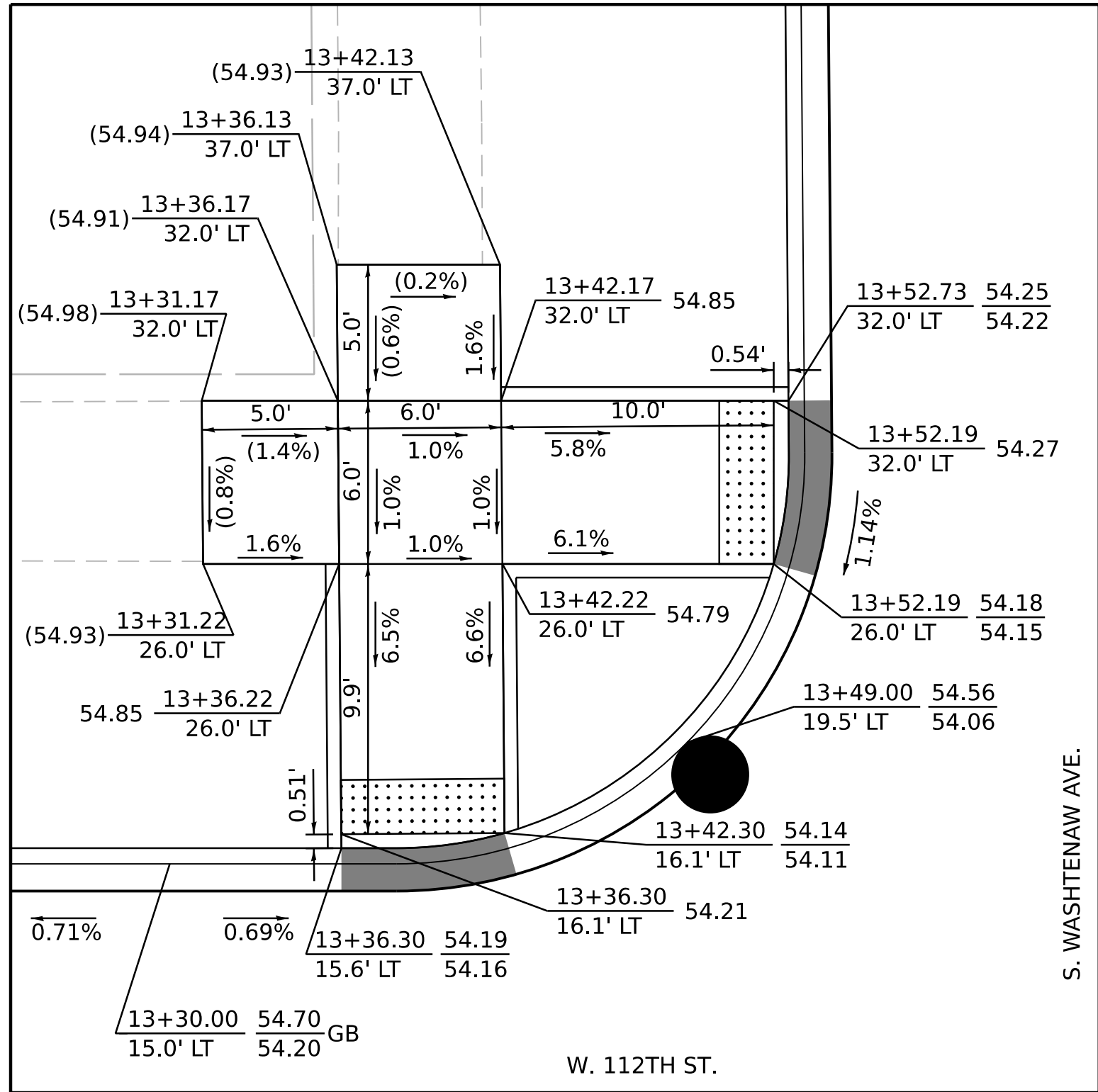
■ - DEPRESSED CURB



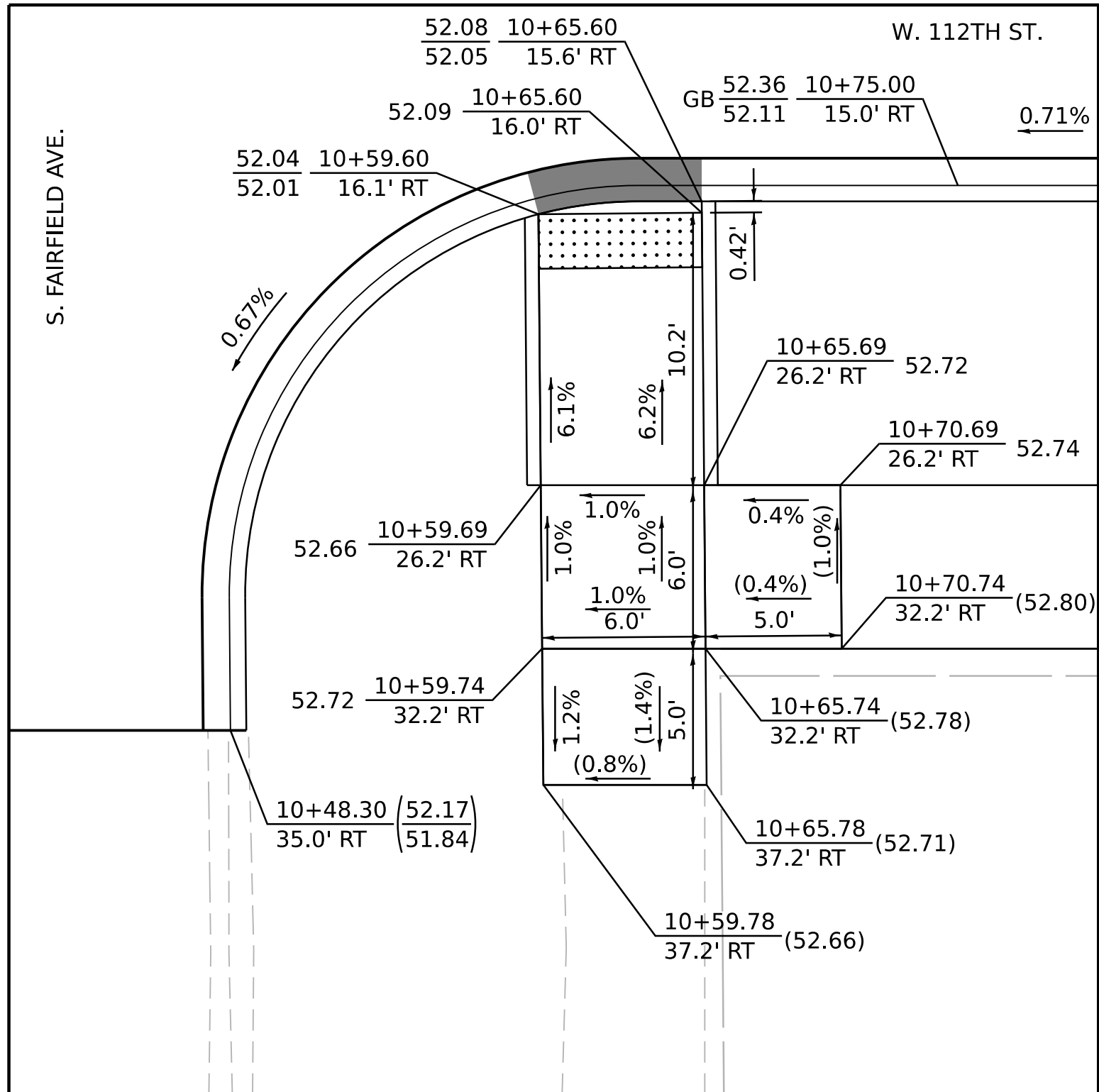
NW CORNER 112TH ST. & FAIRFIELD AVE.



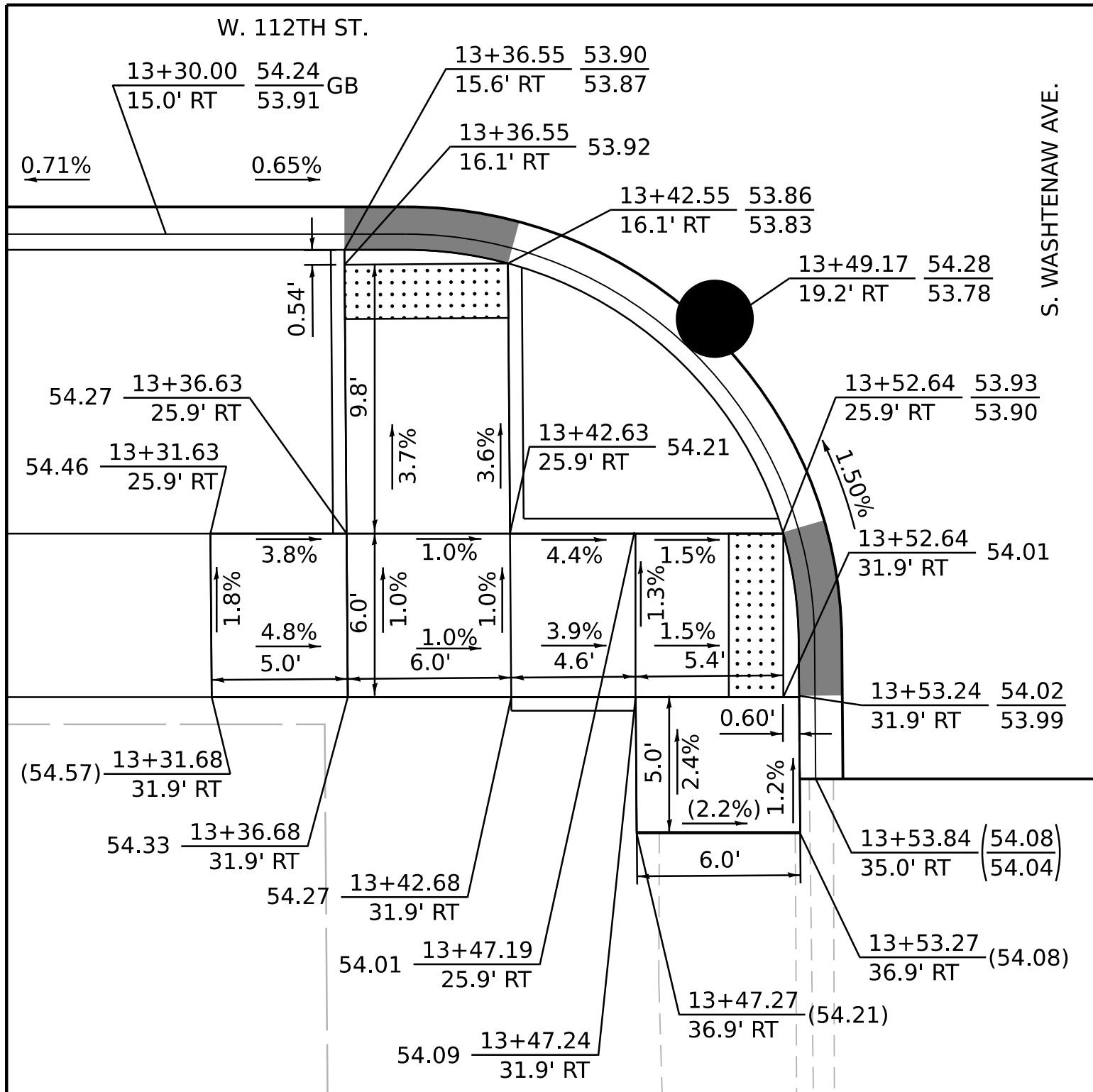
NE CORNER 112TH ST. & FAIRFIELD AVE.



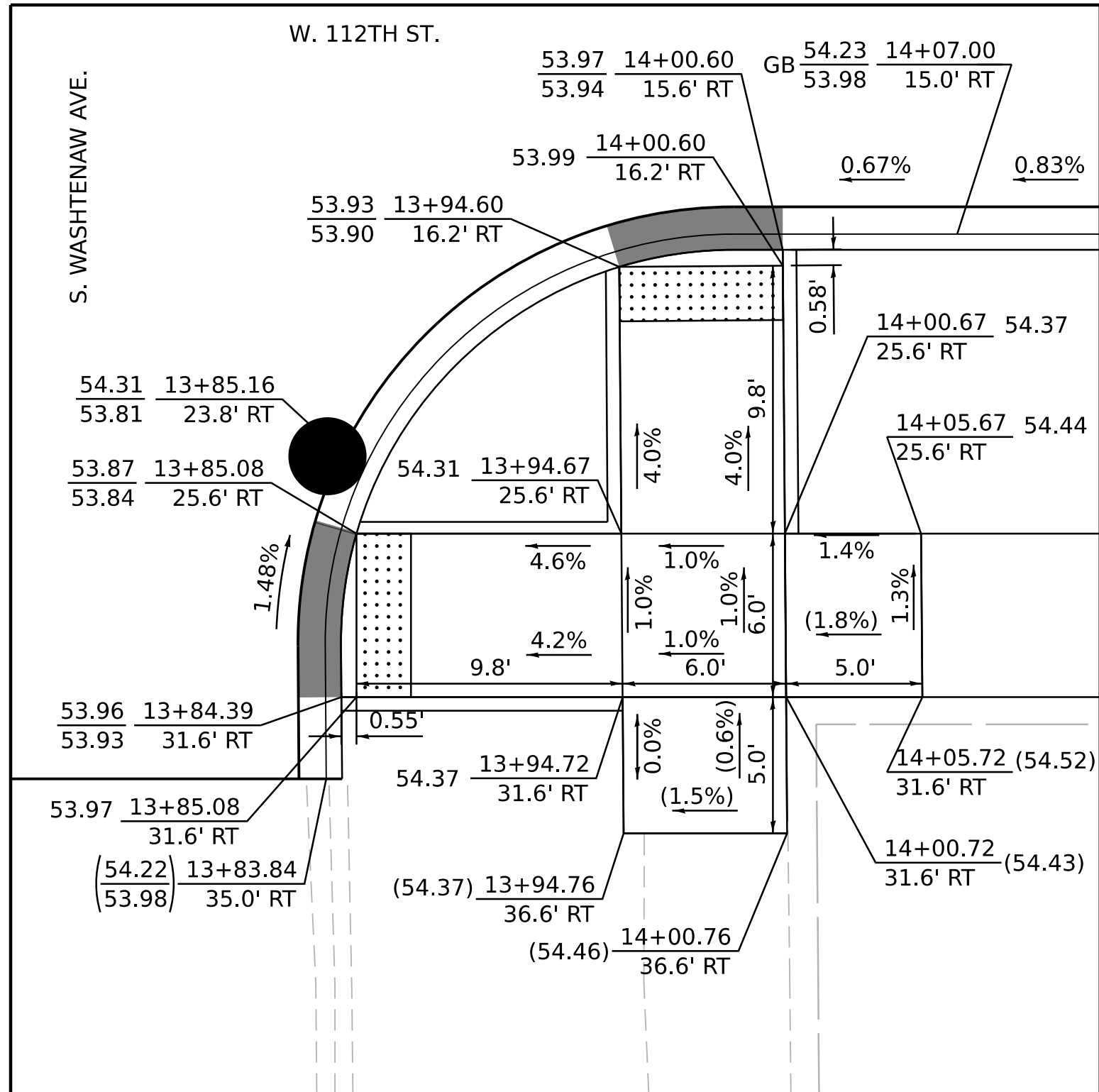
NW CORNER 112TH ST. & WASHTENAW AVE.



SE CORNER 112TH ST. & FAIRFIELD AVE.



SW CORNER 112TH ST. & WASHTENAW AVE.



SE CORNER 112TH ST. & WASHTENAW AVE.

MODEL: D:\default  
FILE NAME: Z:\13-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\112th St. Fairfield to Rockwell\Sheets\22-112th-st-ada-c1.dgn

			USER NAME = mike.thon	DESIGNED - MJJ	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	ADA GRADING DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
			PLOT SCALE = 5.000' / in.	DRAWN - MGT	REVISED -											
			PLOT DATE = 12/13/2024	CHECKED - JAC	REVISED -											
				ISSUED FOR BID - 12/17/2024												
SCALE: 1"=5'								SHEET 1	OF 4	SHEETS	STA.	TO STA.				
								CONTRACT NO. C1617					ILLINOIS		FED. AID PROJECT	





NOTES

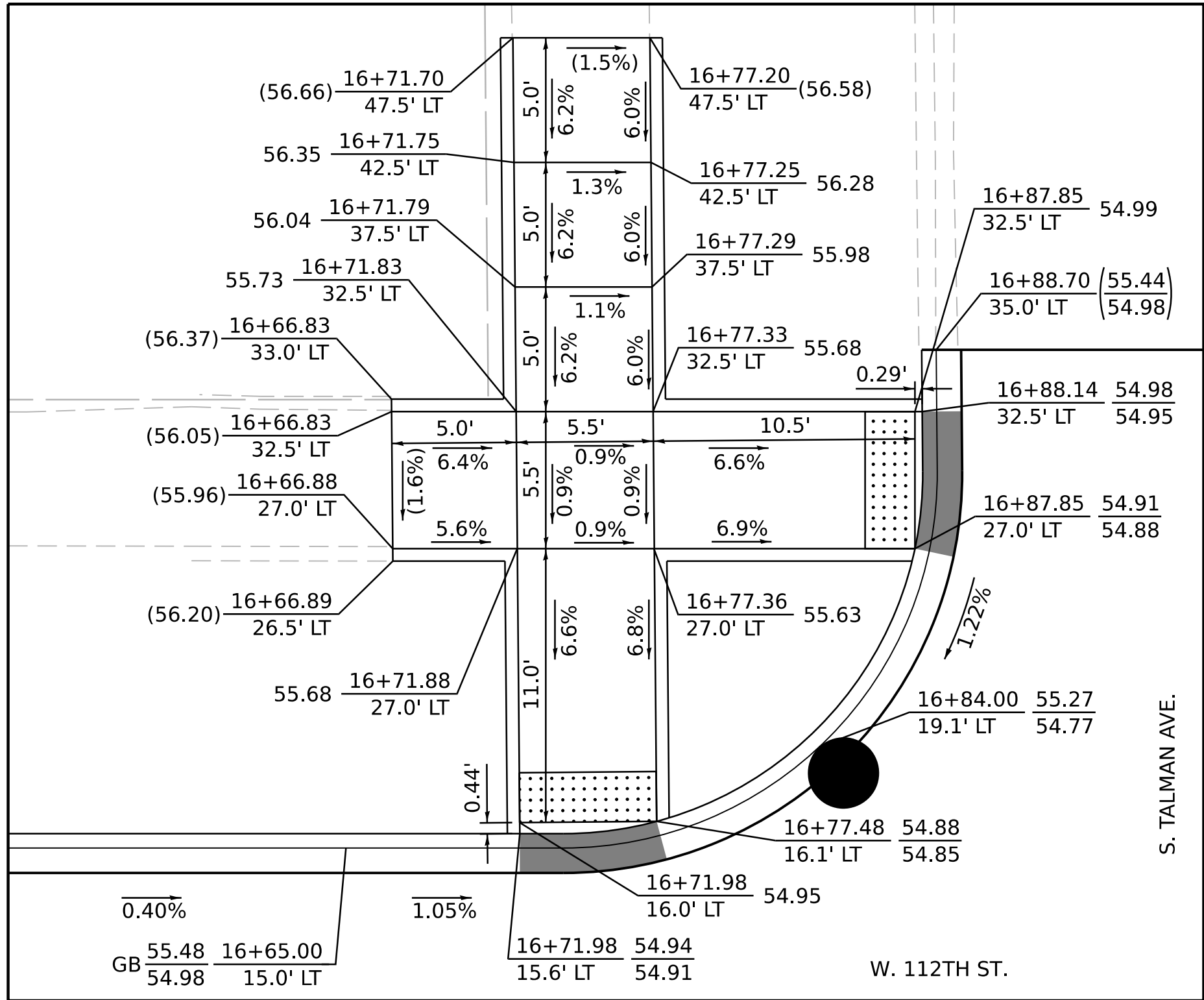
XX.XX - PROPOSED ELEVATION  
(XX.XX) - EXISTING ELEVATION

XX.XX - TOP OF CURB ELEVATION  
XX.XX - FLOWLINE ELEVATION

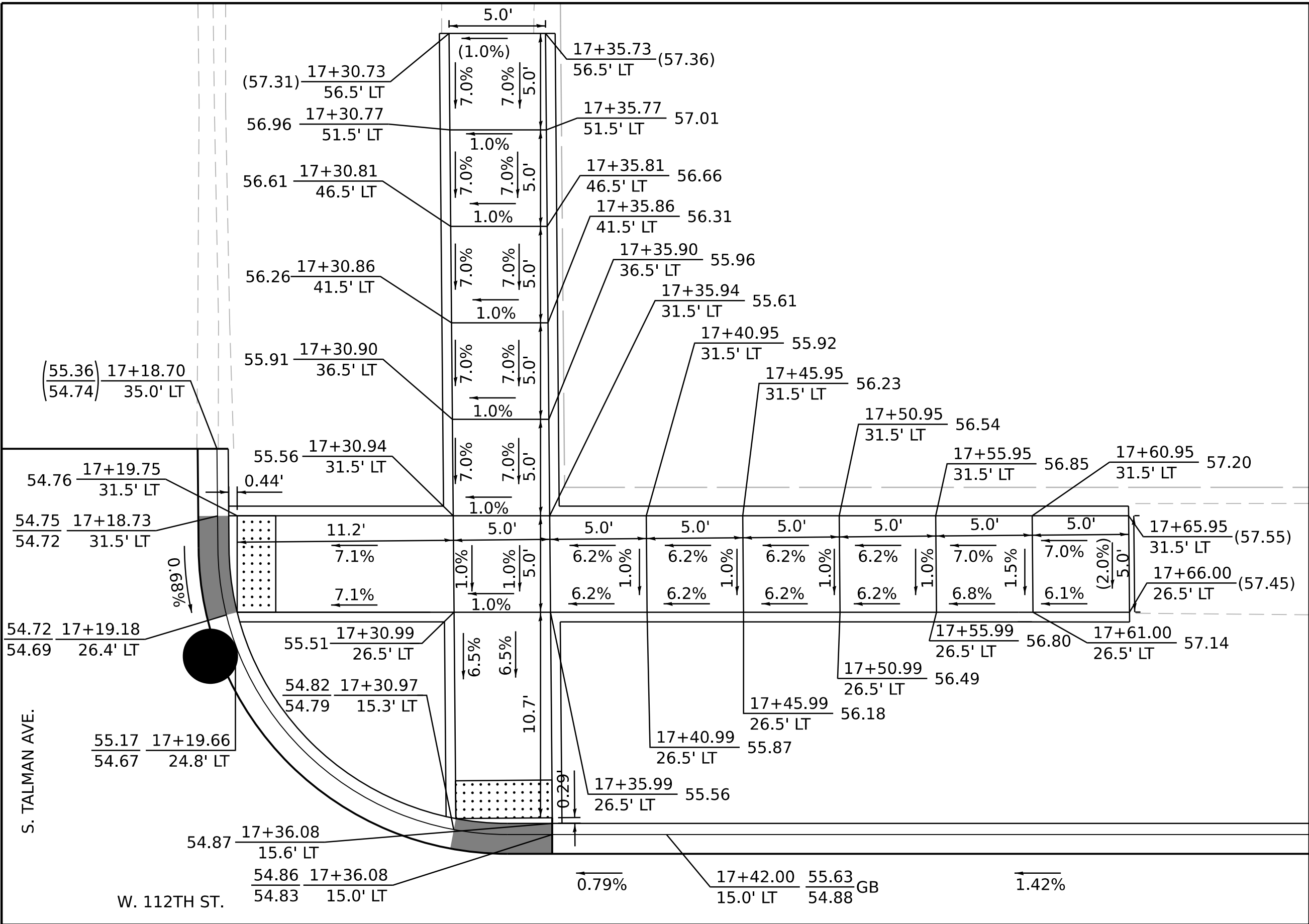
HP - HIGH POINT  
GB - GRADE BREAK

VARY CURB HEIGHT AS NEEDED TO  
ACHIEVE ELEVATIONS AS SHOWN.  
(MINIMUM CURB HEIGHT = 3")

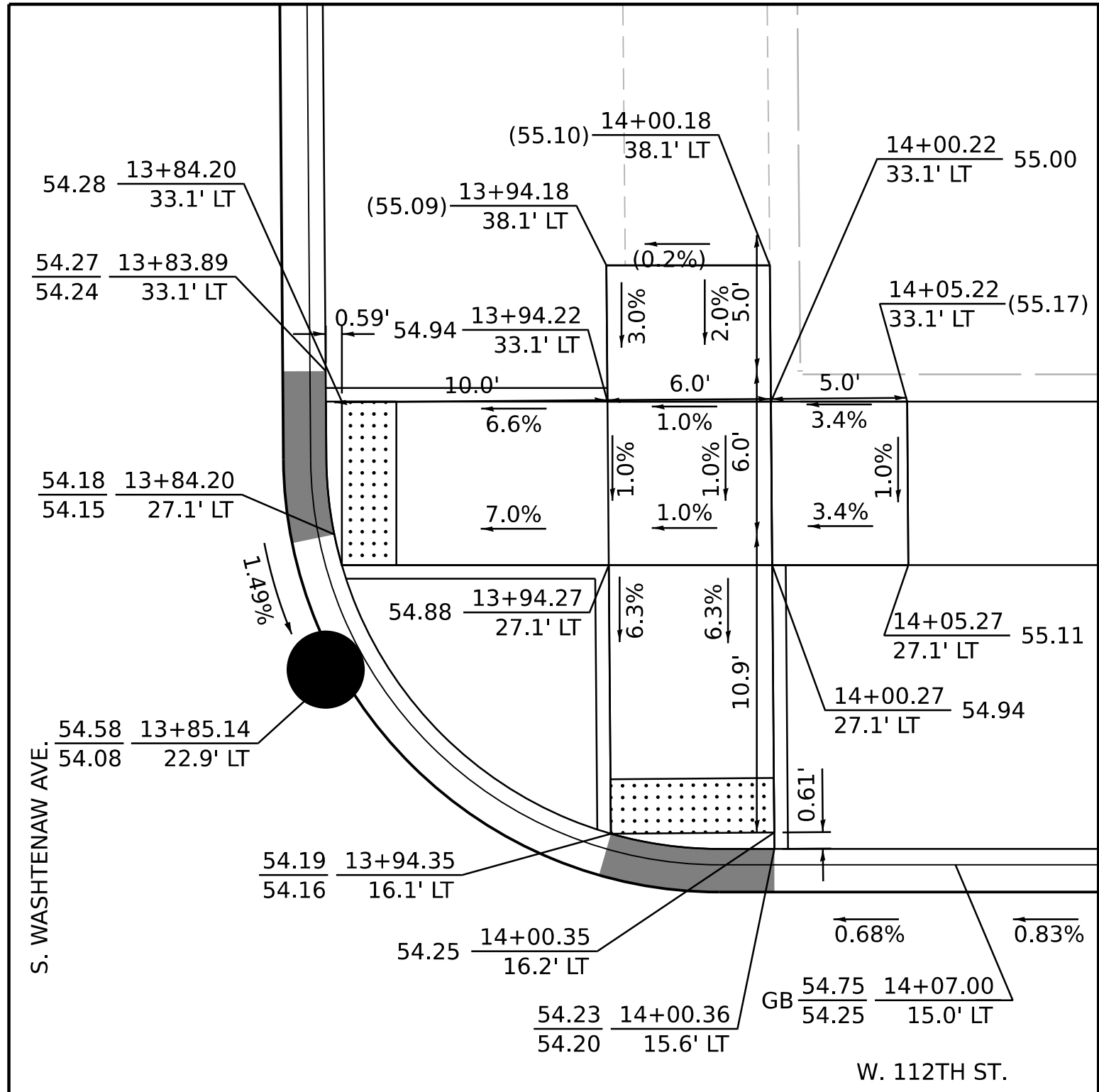
■ - DEPRESSED CURB



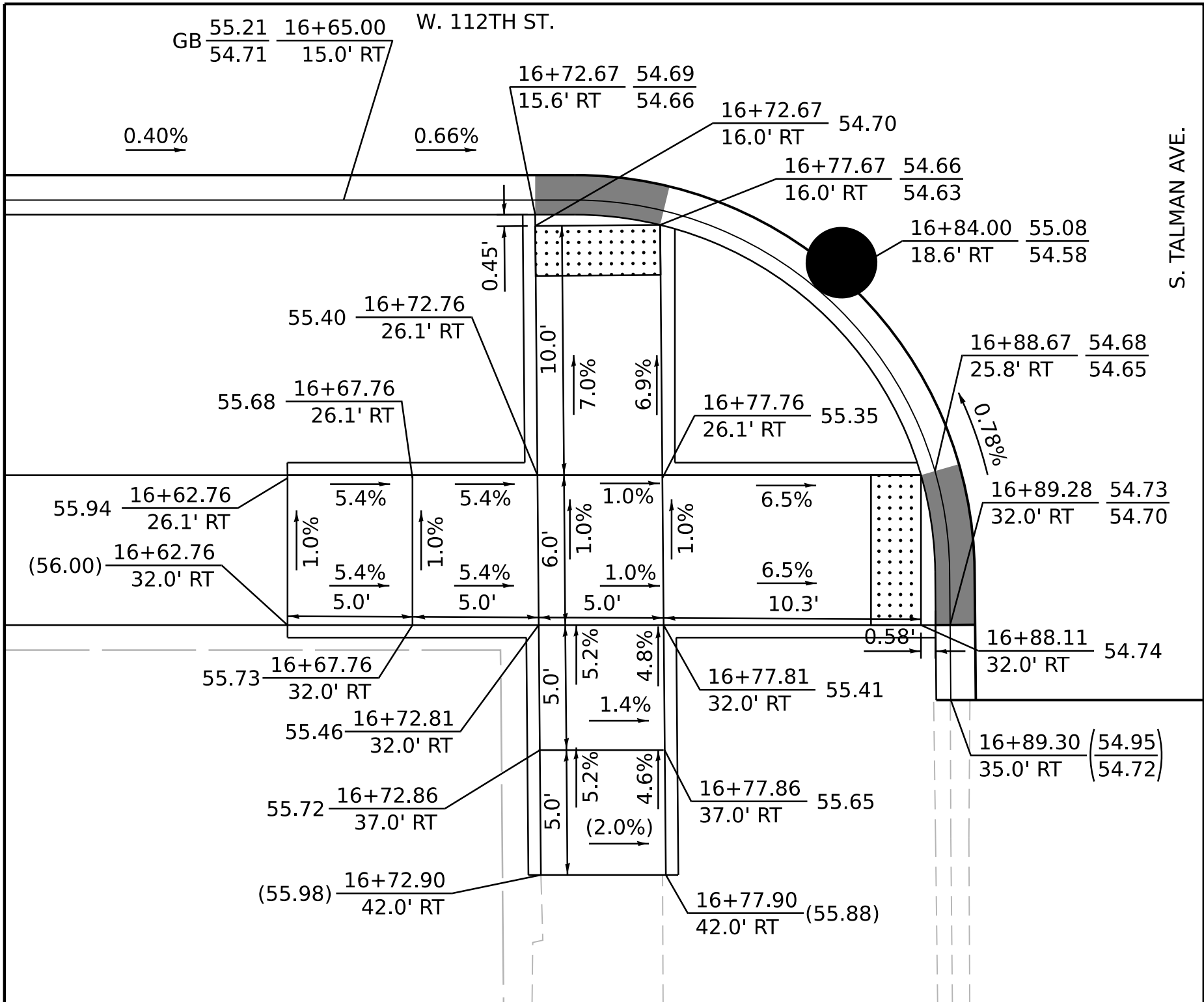
NW CORNER 112TH ST. & TALMAN AVE.



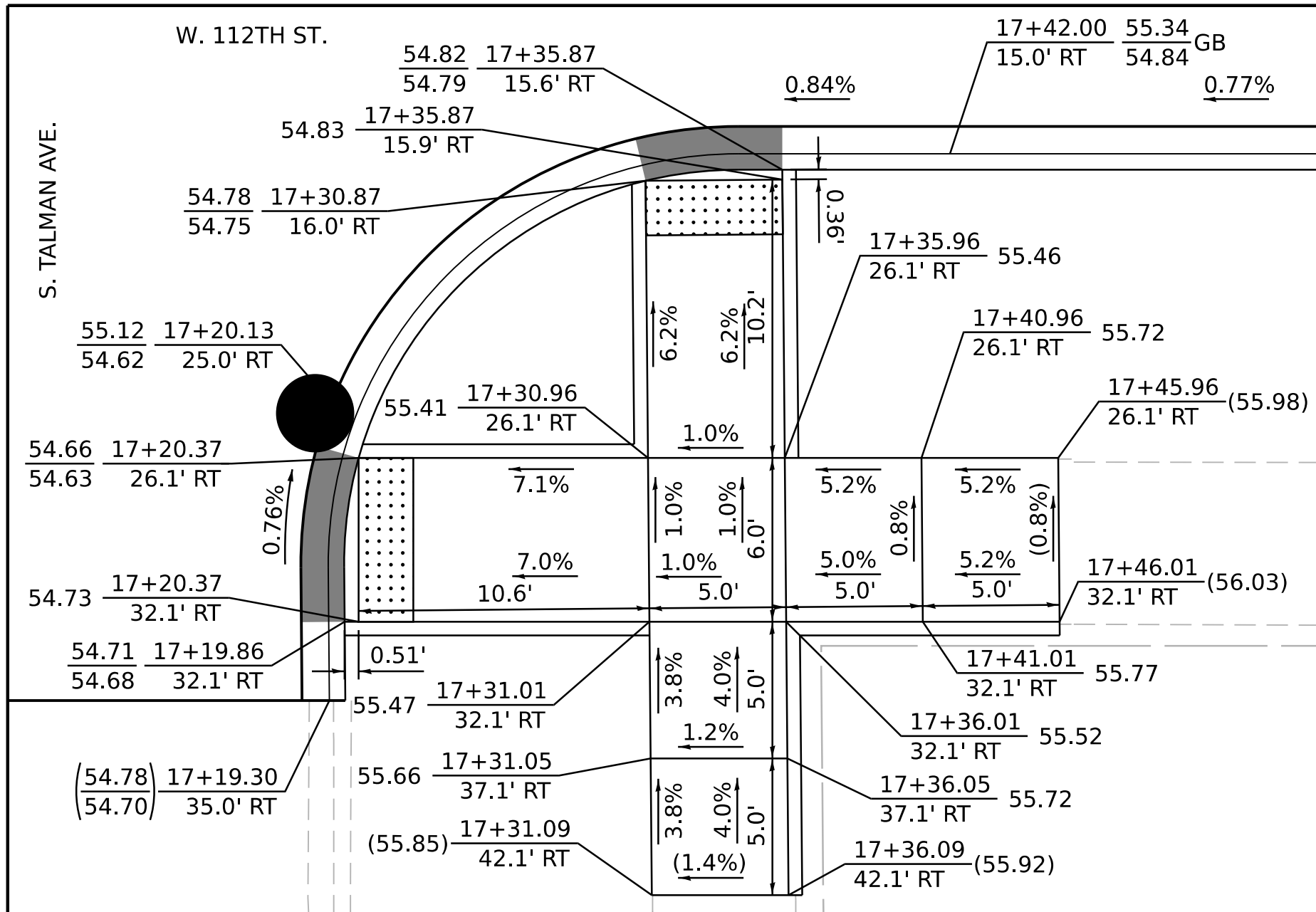
NE CORNER 112TH ST. & TALMAN AVE.



NE CORNER 112TH ST. & WASHTENAW AVE.



SW CORNER 112TH ST. & TALMAN AVE.



SE CORNER 112TH ST. & TALMAN AVE.

MODEL: D:\default  
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CAD\2022\112th St. Fairfield to Rockwell\Sheets\22-112th-st-ada-c2.dgn



USER NAME	= mike.thon	DESIGNED -	MJJ	REVISED -	
		DRAWN -	MGT	REVISED -	
PLOT SCALE	= 5.000' / in.	CHECKED -	JAC	REVISED -	
PLOT DATE	= 12/13/2024	DATE -	12/13/2024	ISSUED FOR BID -	12/17/2024

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS

SCALE: 1"=5'    SHEET 2    OF 4    SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	13
CONTRACT NO. C1617				
ILLINOIS    FED. AID PROJECT				





NOTES

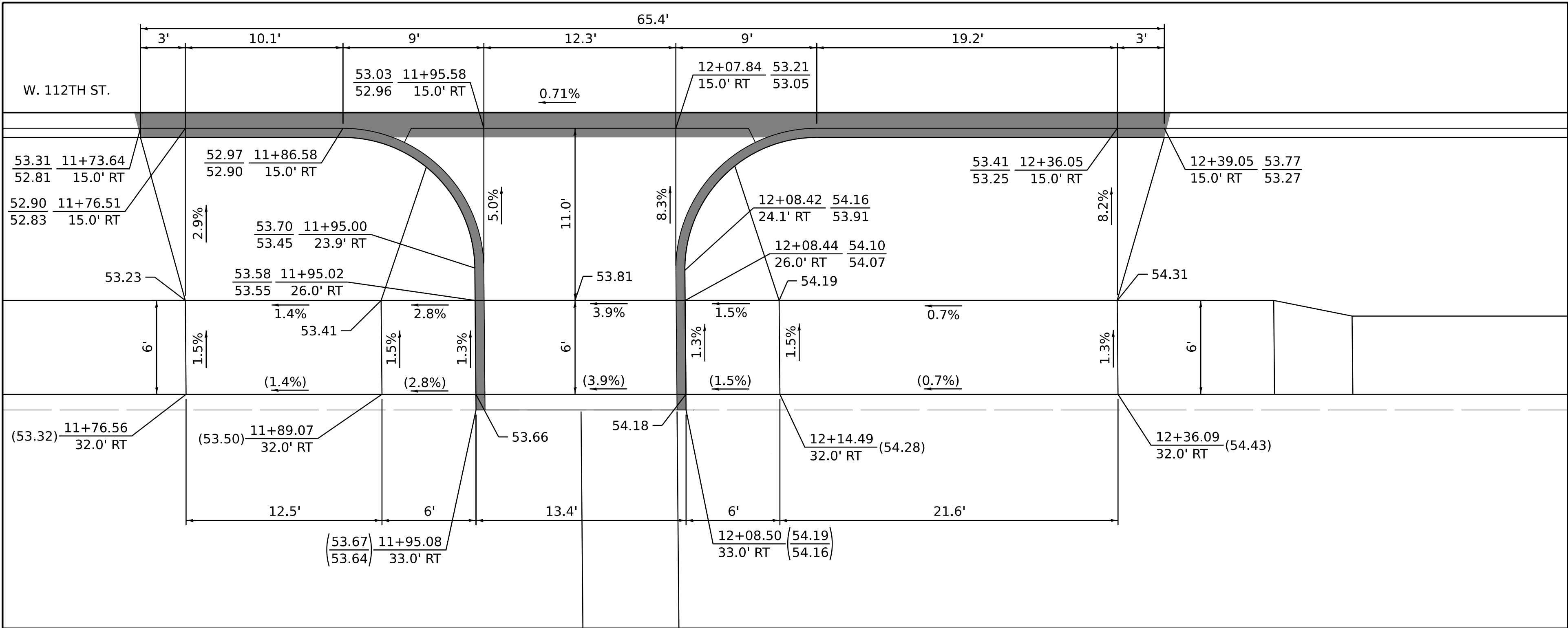
XX.XX - PROPOSED ELEVATION  
(XX.XX) - EXISTING ELEVATION

XX.XX - TOP OF CURB ELEVATION  
XX.XX - FLOWLINE ELEVATION

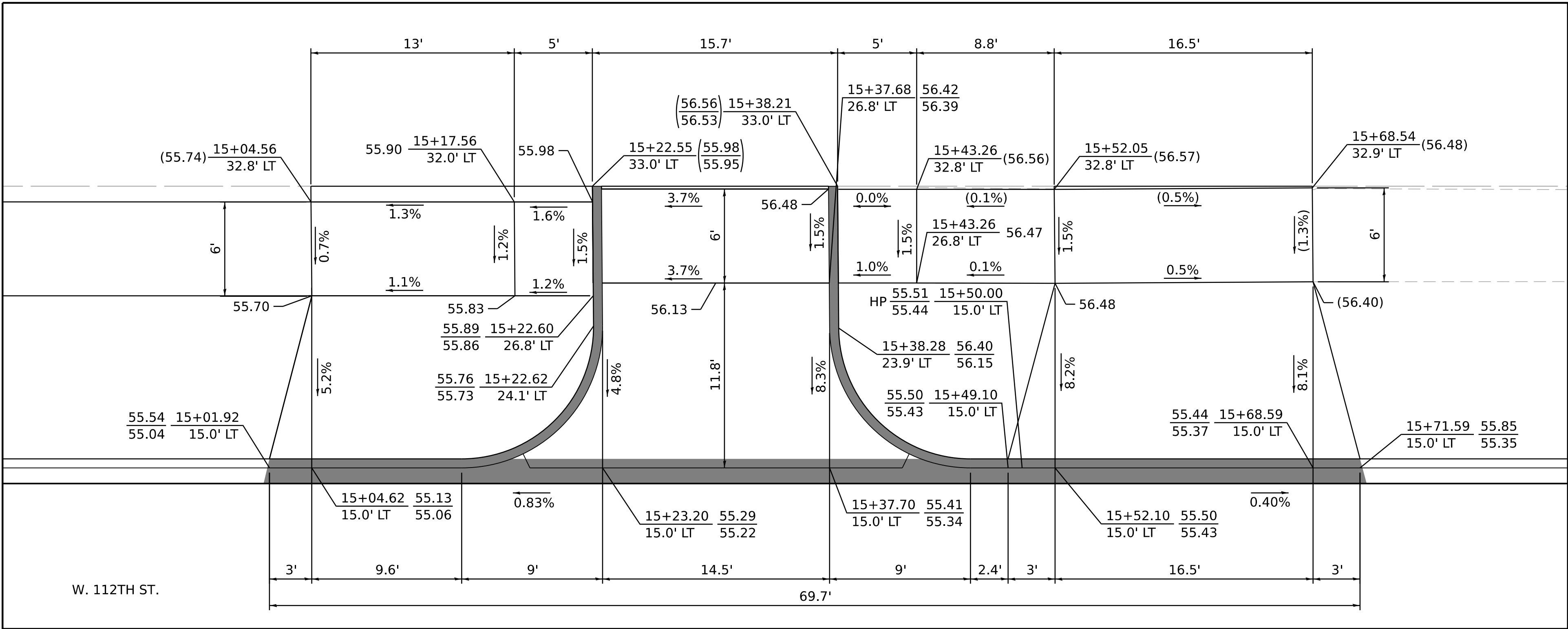
HP - HIGH POINT  
GB - GRADE BREAK

VARY CURB HEIGHT AS NEEDED TO  
ACHIEVE ELEVATIONS AS SHOWN.  
(MINIMUM CURB HEIGHT = 3")

█ - DEPRESSED CURB



112TH STREET - EASTBOUND  
STA. 12+01.71



112TH STREET - WESTBOUND  
STA. 15+20.45

MODEL: D:\cfd\112th-street\112th-street.dgn  
FILE NAME: 2118-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\112th St, Fairfield to Rockwell\Sheets\22-112th-st-ada-c3.dgn



USER NAME = mike.thon PLOT SCALE = 5.000' / in. PLOT DATE = 12/13/2024	DESIGNED - MIJ	REVISED -
	DRAWN - MGT	REVISED -
	CHECKED - JAC	REVISED -
	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

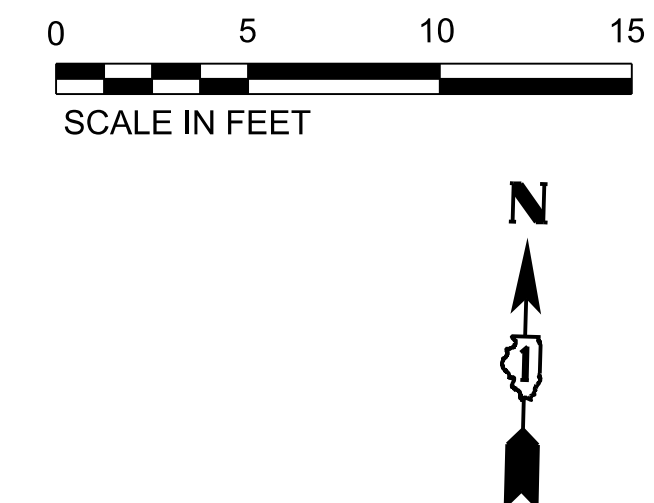
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS

SCALE: 1"=5' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	14
CONTRACT NO. C1617				
ILLINOIS FED. AID PROJECT				





## NOTES

XX.XX - PROPOSED ELEVATION  
(XX.XX) - EXISTING ELEVATION

XX.XX - TOP OF CURB ELEVATION  
XX.XX - FLOWLINE ELEVATION

HP - HIGH POINT  
GB - GRADE BREAK

VARY CURB HEIGHT AS NEEDED TO  
ACHIEVE ELEVATIONS AS SHOWN.  
(MINIMUM CURB HEIGHT = 3")

■ - DEPRESSED CURB

112TH STREET - WESTBOUND  
STA. 18+71.22



USER NAME = mike.thon	DESIGNED - MJJ	REVISED -
	DRAWN - MGT	REVISED -
PLOT SCALE = 5.000' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 12/13/2024	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

**CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION**

## ADA GRADING DETAILS

SCALE: 1"=5'	SHEET 4	OF 4	SHEETS	STA.	TO STA.
--------------	---------	------	--------	------	---------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	15
		CONTRACT NO. C1617		
ILLINOIS		FED. AID PROJECT		



PLAN	SURVEYED PLOTTED	ALIGNMENT CHECKED BY	DATE
NOTE BOOK NO.			

PROFILE	SURVEYED PLOTTED	GRADES CHECKED BY	DATE
NOTE BOOK NO.			

- ① SET: 1 - 8" MJ VALVE @ 21' S.N.L. OF W. 112TH ST. 5' E.E.L. OF S. FAIRFIELD AVE.
- ② SEE SHEET 17
- ③ SEE SHEET 17
- ④ SEE SHEET 17
- ⑤ SEE SHEET 17
- ⑥ SEE SHEET 17
- ⑦ COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTION TO E/W WATERMAIN ON W. 112TH ST.
- ⑧ DWM CREWS TO CUT, CAP, AND BRACE EX 8" WM TO THE WEST AND CONNECT PR 8" WM TO EX 8" WM @ 19' S.N.L. OF W. 112TH ST. 29' E.W.L. OF S. FAIRFIELD AVE. WITH:  
1 - 8" ½ MJ BEND @ 19' S.N.L. OF W. 112TH ST. 29' E.W.L. OF S. FAIRFIELD AVE.  
1 - 8" ½ MJ BEND @ 20' S.N.L. OF W. 112TH ST. 31' E.W.L. OF S. FAIRFIELD AVE.  
REMOVE 2 8" ¼ BENDS
- ⑨ AFTER DWM CREWS MAKE CONNECTION OF NOTE 8:  
FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM S. FAIRFIELD AVE. TO S. WASHTENAW AVE. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. WASHTENAW AVE. AFTER THE NEW WATER MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW WATER MAIN.
- ⑩ SEE SHEET 17
- ⑪ SEE SHEET 17
- ⑫ COORDINATE WITH DWM CREWS TO HAVE VALVES CLOSED UNDER NOTE 7 OPENED.
- ⑬ AFTER ALL CONNECTIONS HAVE BEEN MADE, ENSURE ALL RESILIENT VALVES INSTALLED UNDER THIS PROJECT ARE OPENED AND BURY THEM IN THE OPEN POSITION. ABANDON EXISTING 6" WATER MAIN.

NOTES:

1. AS REQUIRED BY THE IEPA, EDGE-TO-EDGE HORIZONTAL CLEARANCE BETWEEN WATER MAIN AND SEWER IS A MINIMUM OF 10 FEET.
2. EXACT LOCATIONS OF ALL BUFFALO BOX REPLACEMENTS TO BE VERIFIED IN THE FIELD BY CONTRACTOR.

- Ⓐ REPLACE EXISTING SERVICE AND BUFFALO BOX AS SHOWN. ONCE THE PR 8" D.I.W.M IS APPROVED, TRANSFER ALL SERVICES, 2" AND SMALLER, TO THE NEW WATER MAIN  
2 - TAP TO NEW MAIN  
2 - SERVICE CONTROL VALVES (BUFFALO BOX)  
68' - 1" TYPE K COPPER
- Ⓑ AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, REMOVE THE OLD FIRE HYDRANT AND DELIVER IT TO THE DISTRICT YARD.  
(1 FIRE HYDRANT)

RECORD DRAWINGS MUST INDICATE ALL LOCATIONS WHERE SEWER PIPE, CATCH BASIN DRAINS, AND PRIVATE DRAINS WERE REPLACED WITH DUCTILE IRON PIPE, TO BE COMPLIANT WITH IEPA TITLE 35.

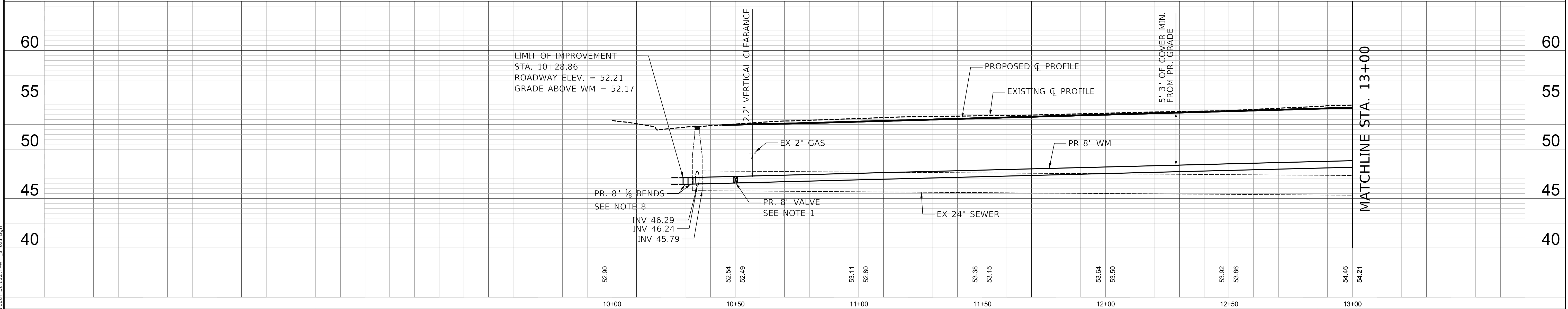
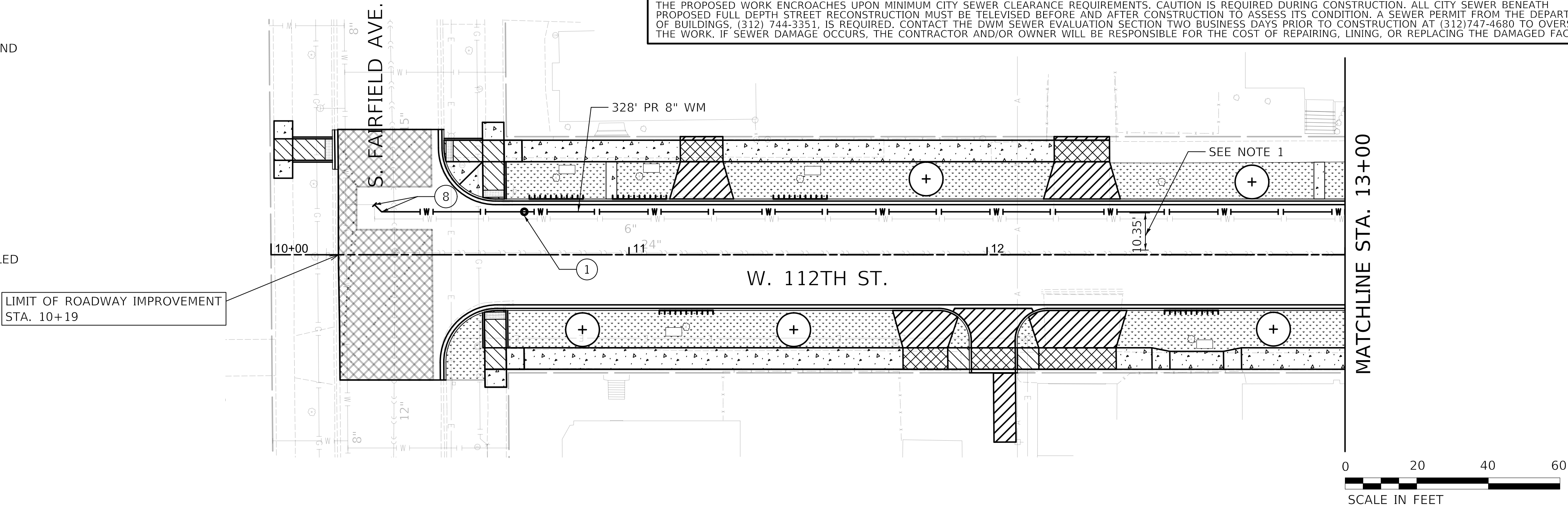
PLANS MUST BE FOLLOWED WITHOUT EXCEPTION. CITY OF CHICAGO D.W.M. B.E.S. APPROVAL REQUIRED PRIOR TO ANY PROPOSED DEVIATIONS FROM THE PLANS.

CHLORINATION AND TESTING OF PIPING  
SWAB ALL PIPE FITTINGS WITH CHLORINE SOLUTION THAT WILL NOT BE CHLORINATED AND FLUSH PER WATER QUALITY (312) 744-8190. VISUALLY INSPECT AT OPERATING PRESSURE PRIOR TO BACKFILLING.

PRIVATE DRAIN NOTE  
INSTALL WATER MAIN UNDER PRIVATE DRAINS (PD) (AS PER D.W.M APPROVAL). REPLACE THE PRIVATE DRAINS A MINIMUM OF 21' OF SEWER CENTERED AT EACH PRIVATE DRAIN CROSSING WITH D.I.P. PROVIDE 15' MINIMUM SEWER-WATER CLEARANCE TO COMPLY WITH I.E.P.A. SEPARATION REQUIREMENTS. ALL IEPA WATER AND SEWER REQUIREMENTS MUST BE MET IN REGARDS TO ALL PD REPLACEMENTS. ALL PD REPLACEMENTS MUST BE DOCUMENTED IN THE D.W.M. IEPA COMPLIANCE FORM AND TURNED IN WITH THE REQUIRED WATER MAIN AS-BUILT TO THE D.W.M.

CDOT'S CONTRACTOR IS REQUIRED TO PROVIDE DWM AT LEAST 60-DAY ADVANCE WRITTEN NOTIFICATION PRIOR TO WATER MAIN AND LEAD SERVICE LINE REPLACEMENT (LSLR). CDOT'S CONTRACTOR SHALL INSTALL A NEW BUFFALO BOX (B-BOX) FOR EVERY LSLR. CDOT'S CONTRACTOR SHALL PERFORM THE PUBLIC SIDE (WATER MAIN TO B-BOX) LSLR AND DWM SHALL PERFORM THE PRIVATE SIDE (B-BOX TO INSIDE OF THE PROPERTY) LSLR. B-BOX AND WATER SERVICE TAP LOCATION WILL REQUIRE DWM APPROVAL PRIOR TO RECONNECTION TO THE WATER MAIN. THE WATER MAIN SHALL BE INSTALLED PRIOR TO LSLR. FINAL CONNECTION CANNOT BE PERFORMED UNTIL ALL PRIVATE SIDE LSLR IS COMPLETED. CDOT'S CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS FOR THIS WATER SERVICE INSTALLATION, TRACING EQUIPMENT, EXCAVATION/OSHA SHORING, TRAFFIC CONTROL, AND FINAL RESTORATION TO CDOT STANDARDS. ALL DWM REQUIREMENTS MUST BE FOLLOWED. PLEASE CONTACT THE FORCE ACCOUNT CONSTRUCTION MANAGER AT FACM@DWMPMO.NET FOR SCHEDULING AND COORDINATION OF THE PROPOSED WORK.

THE PROPOSED WORK ENCROACHES UPON MINIMUM CITY SEWER CLEARANCE REQUIREMENTS. CAUTION IS REQUIRED DURING CONSTRUCTION. ALL CITY SEWER BENEATH PROPOSED FULL DEPTH STREET RECONSTRUCTION MUST BE TELEVIEWED BEFORE AND AFTER CONSTRUCTION TO ASSESS ITS CONDITION. A SEWER PERMIT FROM THE DEPARTMENT OF BUILDINGS, (312) 744-3351, IS REQUIRED. CONTACT THE DWM SEWER EVALUATION SECTION TWO BUSINESS DAYS PRIOR TO CONSTRUCTION AT (312)747-4680 TO OVERSEE THE WORK. IF SEWER DAMAGE OCCURS, THE CONTRACTOR AND/OR OWNER WILL BE RESPONSIBLE FOR THE COST OF REPAIRING, LINING, OR REPLACING THE DAMAGED FACILITIES.



MODEL: SMODELNAME\$  
FILE NAME: ...112th ST112th-wm-sh01.dgn

  	USER NAME = untitled		DESIGNED - WAM	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	W. 112TH STREET WATER MAIN PLAN & PROFILE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20.0000 ' / in.		DRAWN - WAM	REVISED -					51	16					
	PLOT DATE = 12/13/2024		CHECKED - TKL	REVISED -		CONTRACT NO.									
			DATE - 12/13/2024	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE: 1" = 20'	SHEET 1 OF 3 SHEETS	STA. 10+45 TO STA. 13+00								



PLAN	SURVEYED _____			BY _____	DATE _____
	PLOTTED _____				
NOTE BOOK	ALIGNMENT CHECKED _____			BY _____	DATE _____
NO. _____	RT. OF WAY CHECKED _____				
	CADD FILE NAME _____				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
NOTE BOOK			
NO. _____	STRUCTURE NOTAT'NS CH'KD		

- 1 SEE SHEET 16
- 2 SET: 1 - 8"x8" TEE @ 21' S.N.L. OF W. 112TH ST. 21' E.W.L. OF S. WASHTENAW AVE.
- 3 SET: 1 - 8" MJ RESILIENT WEDGE VALVE @ 8' N.S.L. OF W. 112TH ST. 21' E.W.L. OF S. WASHTENAW AVE.
- 4 SET: 1 - TEMPORARY FLUSHING HYDRANT FOR FLUSHING, PRESSURE TEST, AND CHLORINATION @ 2' N.S.L. OF W. 112TH ST. 21' E.W.L. OF S. WASHTENAW AVE.
- 5 SET: 1 - FH ASSEMBLY @ 9' N.N.L. OF W. 112TH AVE. 15' E.W.L. OF S. WASHTENAW AVE.  
1 - 8"x8" TEE @ 9' N.N.L. OF W. 112TH AVE. 21' E.W.L. OF S. WASHTENAW AVE.  
6' OF 8" D.I.W.M.  
FLANGE COLOR RED
- 6 SET: 1 - 8" MJ VALVE @ 14' N.N.L. OF W. 112TH ST. 21' E.W.L. OF S. WASHTENAW AVE.
- 7 COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTION TO E/W WATERMAIN ON W. 112TH AVE.
- 8 SEE SHEET 16
- 9 AFTER DWM CREWS MAKE CONNECTION OF NOTE 8:  
FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM S. FAIRFIELD AVE. TO S. WASHTENAW AVE. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. WASHTENAW AVE. AFTER THE NEW WATER MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW WATER MAIN.

- 10 ONCE PR 8" WM IS APPROVED - DWM CREWS TO CUT, CAP, AND BRACE EX. 8" WM TO THE NORTH AND MAKE FINAL CONNECTION FOR PR 8" WM TO EX 8" WM @ 0' S.S.L. OF W. 112TH ST. 23' E.W.L. OF S. WASHTENAW AVE. WITH:  
1 - 8" ½ BEND @ 0' S.S.L. OF W. 112TH AVE. 23' E.W.L. OF S. WASHTENAW AVE.  
1 - 8" ½ BEND @ 2' N.S.L. OF W. 112TH AVE. 21' E.W.L. OF S. WASHTENAW AVE.
- 11 ONCE PR 8" WM IS APPROVED - DWM CREWS TO CUT, CAP, AND BRACE EX. 8" WM TO THE SOUTH AND MAKE FINAL CONNECTION FOR PR 8" WM TO EX 8" WM @ 17' N.N.L. OF W. 112TH AVE. 23' E.W.L. OF S. WASHTENAW AVE. WITH:  
1 - 8" ½ BEND @ 17' N.N.L. OF W. 112TH AVE. 23' E.W.L. OF S. WASHTENAW AVE.  
1 - 8" ½ BEND @ 15' N.N.L. OF W. 112TH AVE. 21' E.W.L. OF S. WASHTENAW AVE.  
1 - 8"x6" REDUCER
- 12 COORDINATE WITH DWM CREWS TO HAVE VALVES CLOSED UNDER NOTE 7 OPENED.
- 13 AFTER ALL CONNECTIONS HAVE BEEN MADE, ENSURE ALL RESILIENT VALVES INSTALLED UNDER THIS PROJECT ARE OPENED AND BURY THEM IN THE OPEN POSITION.  
ABANDON EXISTING 6" WATER MAIN.

RECORD DRAWINGS MUST INDICATE ALL LOCATIONS WHERE SEWER PIPE, CATCH BASIN DRAINS, AND PRIVATE DRAINS WERE REPLACED WITH DUCTILE IRON PIPE, TO BE COMPLIANT WITH IEPA TITLE 35.

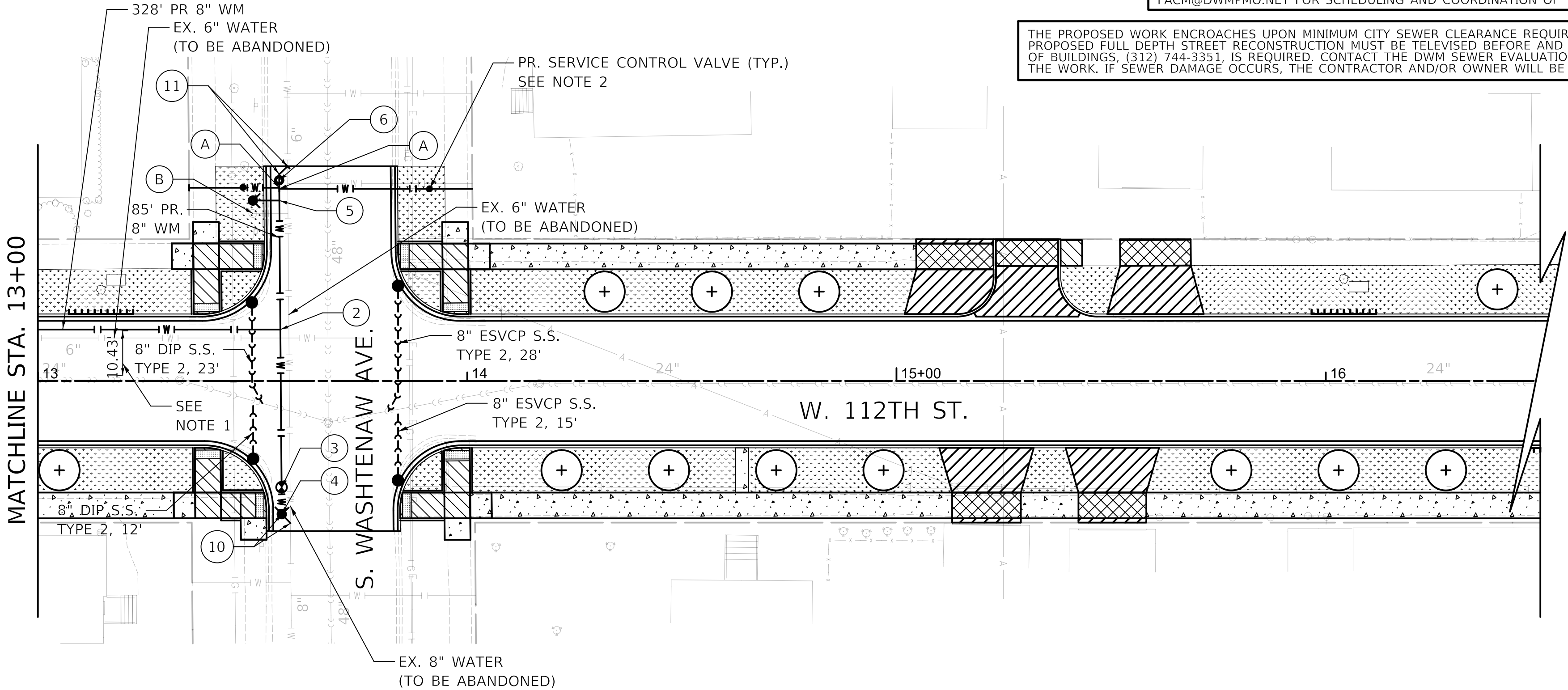
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CHLORINATION AND TESTING OF PIPING  
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PRIVATE DRAIN NOTE  
INSTALL WATER MAIN UNDER PRIVATE DRAINS (PD) (AS PER D.W.M. APPROVAL). REPLACE THE PRIVATE DRAINS A MINIMUM OF 21' OF SEWER CENTERED AT EACH PRIVATE DRAIN CROSSING WITH D.I.P. PROVIDE 1.5' MINIMUM SEWER-WATER CLEARANCE TO COMPLY WITH I.E.P.A. SEPARATION REQUIREMENTS. ALL IEPA WATER AND SEWER REQUIREMENTS MUST BE MET IN REGARDS TO ALL PD REPLACEMENTS. ALL PD REPLACEMENTS MUST BE DOCUMENTED IN THE D.W.M. IEPA COMPLIANCE FORM AND TURNED IN WITH THE REQUIRED WATER MAIN AS-BUILT TO THE D.W.M.

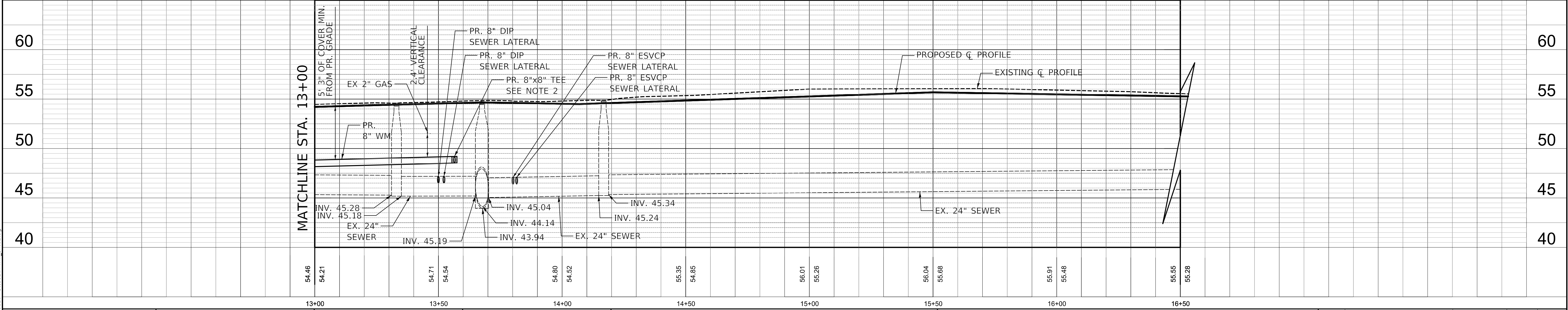
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- A REPLACE EXISTING SERVICE AND BUFFALO BOX AS SHOWN. ONCE THE PR 8" D.I.W.M IS APPROVED, TRANSFER ALL SERVICES, 2" AND SMALLER, TO THE NEW WATER MAIN  
2 - TAP TO NEW MAIN  
2 - SERVICE CONTROL VALVES (BUFFALO BOX)  
68' - 1" TYPE K COPPER
- B AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, REMOVE THE OLD FIRE HYDRANT AND DELIVER IT TO THE DISTRICT YARD.  
(1 FIRE HYDRANT)

- NOTE:
1. AS REQUIRED BY THE IEPA, EDGE-TO-EDGE HORIZONTAL CLEARANCE BETWEEN WATER MAIN AND SEWER IS A MINIMUM OF 10 FEET.
2. EXACT LOCATIONS OF ALL BUFFALO BOX REPLACEMENTS TO BE VERIFIED IN THE FIELD BY CONTRACTOR

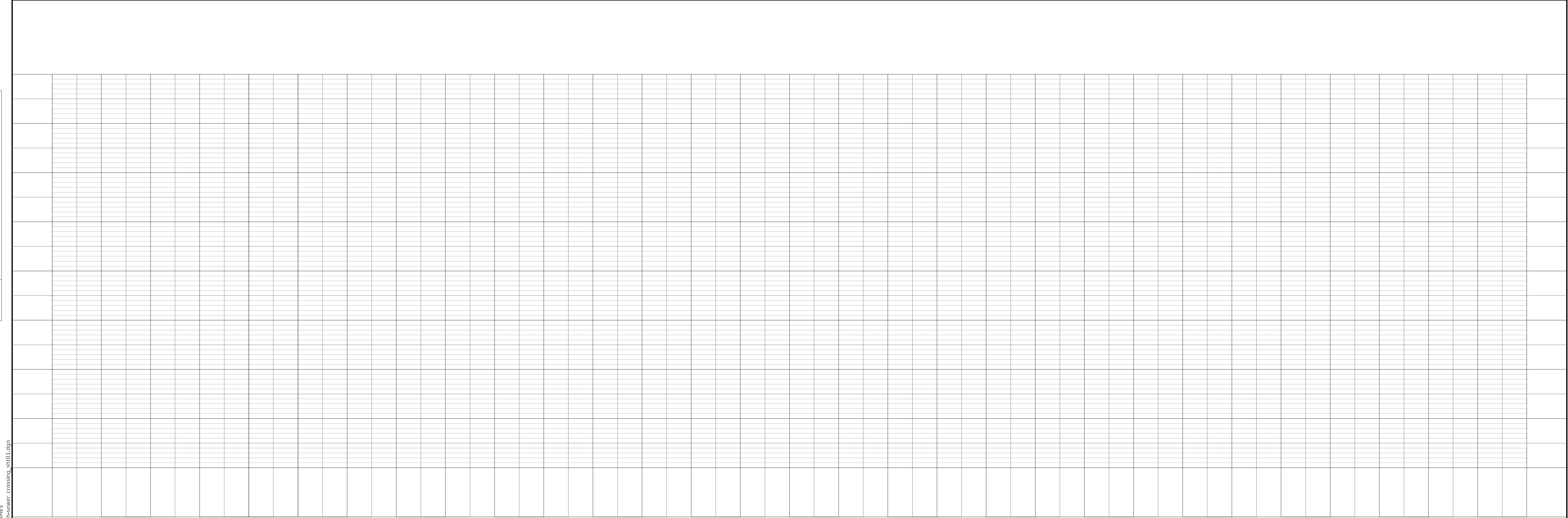
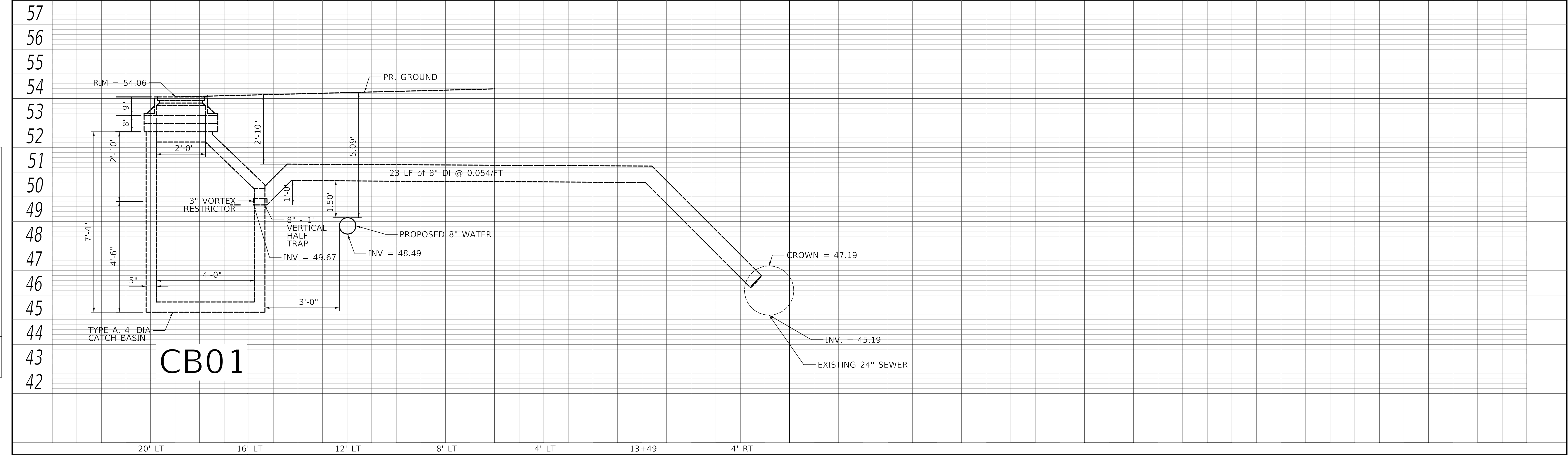


  	USER NAME = untitled		DESIGNED - WAM	REVISED -	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	W. 112TH STREET WATER MAIN PLAN & PROFILE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 20.0000 ' / in.		DRAWN - WAM	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS	STA. 13+00 TO STA. 16+50					51	17		
	PLOT DATE = 12/13/2024		CHECKED - TKL	REVISED -									CONTRACT NO.			
			DATE - 12/13/2024	REVISED -									ILLINOIS FED. AID PROJECT			



PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
	STRUCTURE CHECKED		
NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	STRUCTURE NOTATWS CHKD		
NO.			





EXISTING SIGN LEGEND

SIGN CODE (SPECIAL TEXT) [ACTIVITY CODE]  
SPECIAL TEXT

STREET NAME OR SPECIAL TEXT THAT DIFFERS FROM THE TEXT ASSOCIATED WITH EACH SIGN CODE (IF NEEDED)

ACTIVITY CODE

- R = REMOVE EXISTING SIGN PANEL AND SALVAGE  
RP = REMOVE EXISTING SIGN PANEL AND POLE ASSEMBLY, FROM PARKWAY, AND SALVAGE  
RS = REMOVE EXISTING SIGN PANEL AND POLE ASSEMBLY, FROM SIDEWALK, AND SALVAGE

PROPOSED SIGN LEGEND

STATION  
SIGN CODE (SPECIAL TEXT) [FURNISH CODE, MOUNT CODE, POLE CODE]

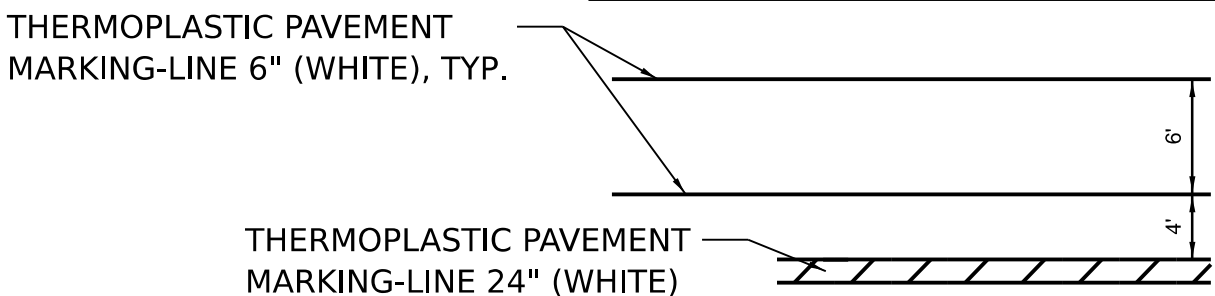
SPECIAL TEXT  
STREET NAME OR SPECIAL TEXT THAT DIFFERS FROM THE TEXT ASSOCIATED WITH EACH SIGN CODE (IF NEEDED)

FURNISH CODE  
RSS = SIGN PANEL, TYPE 1, REFLECTIVE, SINGLE SIDED  
RDS = SIGN PANEL, TYPE 1, REFLECTIVE, DOUBLE SIDED

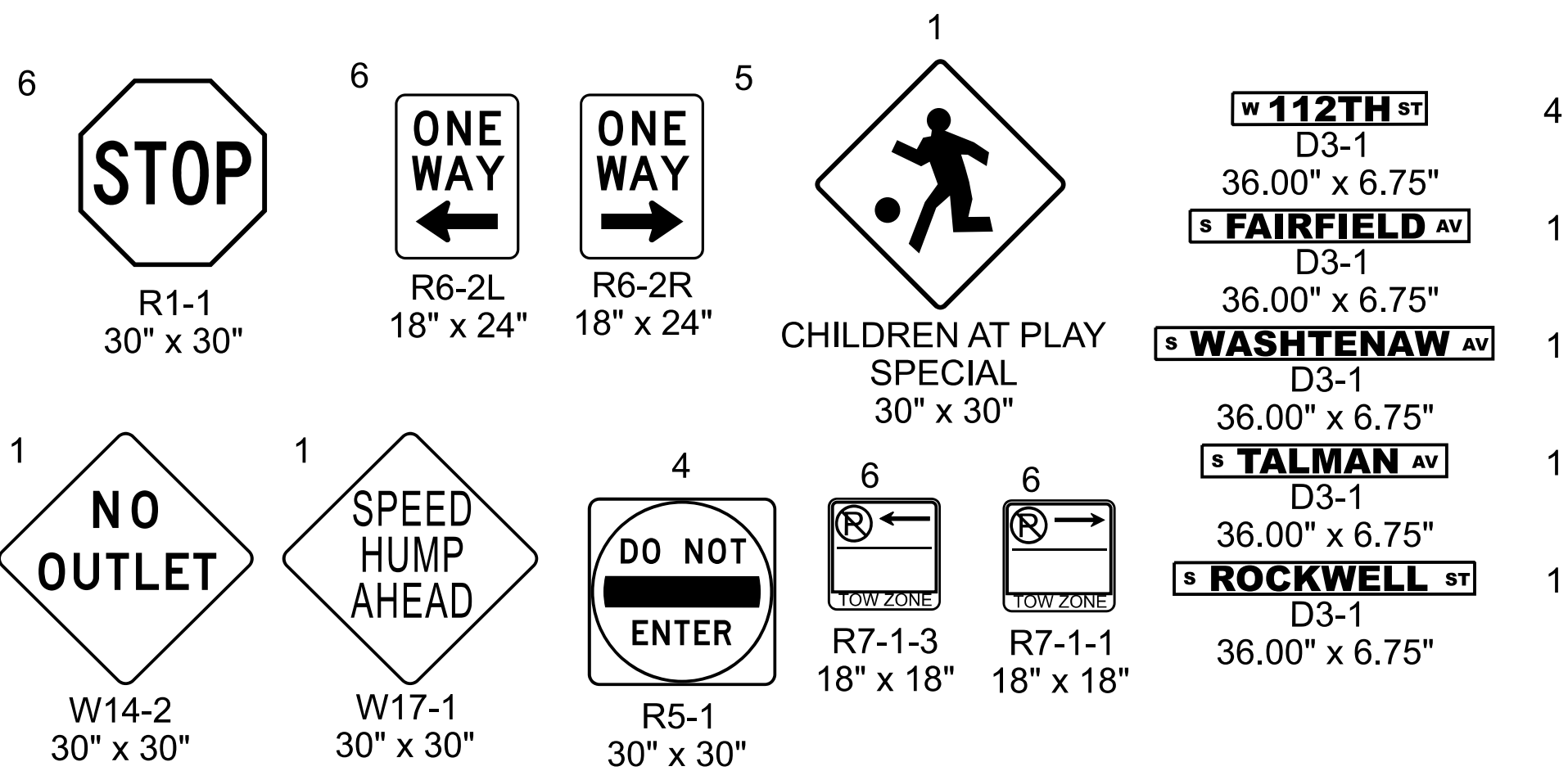
MOUNT CODE  
CSP = CENTER MOUNT ON SIGN POLE  
FSP = FLAG MOUNT ON SIGN POLE  
CLP = CENTER MOUNT BANDED TO LIGHT POLE  
FLP = FLAG MOUNT BANDED TO LIGHT POLE

POLE CODE (IF REQUIRED)  
DG = SIGN SUPPORT POST, DIG METHOD  
DR = SIGN SUPPORT POST, DRILL METHOD

STRIPING LEGEND



SIGNING LEGEND



CODE	DESCRIPTION	AREA (SQ FT)	FURNISH AND MOUNT CODES					
			RSS	RDS	CSP	FSP	CLP	FLP
R1-1	STOP	6.25	7			6		1
R5-1	DO NOT ENTER	6.25	4			4		
R6-2L	ONE WAY LEFT	3	6			4		2
R6-2R	ONE WAY RIGHT	3	5			2		3
R7-1-1	NO PARKING TOW ZONE RA	2.25	6				6	
R7-1-3	NO PARKING TOW ZONE LA	2.25	6				6	
D3-1	STREET NAME	1.69			8			8
SPECIAL	CHILDREN AT PLAY	6.25	1					1
W17-1	SPEED HUMP AHEAD	6.25	1			1		
W14-2	NO OUTLET	6.25	1					1
TOTALS			37	8	17	12	8	8
TOTAL AREA FURNISH SIGN PANEL			148	14				

MODEL: Default  
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CDOT\2022\112th St, Fairfield to Rockwell\Sheets\22-112th-shs-pmk.dgn



USER NAME = mike.thon	DESIGNED - MJJ	REVISED -
	DRAWN - MGT	REVISED -
PLOT SCALE = 49.998' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 12/13/2024	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 10+19 TO STA. 20+05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	19
CONTRACT NO. C1617				
ILLINOIS FED. AID PROJECT				



SYMBOL NAMES  
FILE NAME: 3012102004\_CADD/CADD\_Sheets112h\_StreetSig\_10\_E-01.dgn



USER NAME = \$USERS	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:01	DATE - 12/05/2024	REVISED -

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION














CDOT ELECTRICAL  
STANDARD DETAILS





















SCALE: N.A. SHEET 1 OF 13 SHEETS STA. TO STA.













F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	20
CONTRACT NO.				
ILLINOIS		FED. AID PROJECT		

PROPOSED	PRESENT	
		SIGNAL, TRAFFIC 3 SECTION 1-WAY ADJUSTABLE, 12" OR AS NOTED
		SIGNAL, TRAFFIC 3 SECTION 2-WAY ADJUSTABLE, 12" OR AS NOTED
		SIGNAL OPTICALLY PROGRAMMED
		SIGNAL, PEDESTRIAN, COUNTDOWN
		SIGNAL, PEDESTRIAN, DON'T WALK/WALK
		SIGNAL FACE ARROW, 12" COLOR AS NOTED
		SIGNAL FACE, 1 SECTION YELLOW/GREEN ARROW DUAL INDICATION
		PUSH BUTTON, PEDESTRIAN
		SIGN, ILLUMINATED, WITH MESSAGE OR SYMBOL AS INDICATED
		MAST ARM, MONOTUBE, STEEL. SIZE AS INDICATED (SEE DWG. #870)
		MAST ARM, TRUSS, ALUMINUM. SIZE AS INDICATED
		CONTROLLER, TRAFFIC SIGNAL. PEDESTAL OR BASE MOUNTED AS INDICATED
		CONTROLLER, STREET LIGHTING. PEDESTAL OR BASE MOUNTED. (DWG. 876 or 880)
		CONTROLLER, STREET LIGHTING. POLE MOUNTED (DWG. #11940)
		POLE, WOOD. COMMONWEALTH EDISON COMPANY, SERVICE
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 7 GA. 10" DI A. AND 15" B.C. 24"x7' FND. W/1 1/4" ANCHOR RODS DRG. #818.
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA. 10" DIA. AND 15" B.C. 24"x9' FND. W/1 1/4" ANCHOR RODS DRG. #818 (16', 20' or 26' M.A.)
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3GA., 11" DIA. AND 17 1/4" B.C. 30"x9' FND. W/1 1/4" ANCHOR RODS DRG. #816. (30' M.A.)
		POLE, CITY STEEL, ANCHOR BASE 34'-6", 3 GA. 12 1/2" DIA. AND 16 1/2" B.C. 30"x11' FND. W/1 1/2" ANCHOR RODS DRG. #817. (35', 40' or 44' M.A.)
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA. 10" DIA., WITH 3 GA. BAL. HSG. BASE AND 17 1/4" B. C. ON 30"x9' FND. W/ 11/4" ANCHOR RODS DRG. #816.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 7 GA. WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #716.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 3 GA., WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #719.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 7 GA., AND ALUMINUM RESIDENTIAL DAVIT AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #565 (CONCRETE) OR DWG. #936 (HELIX).
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 3 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #565 (CONCRETE) OR DWG. #936 (HELIX).
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 7 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.
		POLE, CITY STEEL, ANCHR BASE, 32'-6", 3 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6" 7 GA., ALUM. BHB AND FND. WITH 15" B.C.-24"x7' WITH 1" ANCHOR RODS DRG. #691.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., ALUM. BHB AND FND. WITH 15" B.C. 24"x 7' WITH 1" ANCHOR RODS DWG. #691.
		POLE, CITY ALUMINUM, WITH ROUND BAL. HSG. BASE, 25', 28', or 30' ON FND. WITH 14" B.C., ACQUIRED FROM CHICAGO PARK DISTRICT.
		POLE, CITY STEEL, EMBEDDED, 4"x 9"x 35' 7 GA., TAPERED TUBULAR. (DWG. #658)
		POLE, CITY STEEL, EMBEDDED, 4"x 9"x 35' 3 GA., TAPERED TUBULAR. (DWG. #658)
		POLE, CITY STEEL, EMBEDDED. (ACQUIRED FROM CTA)
		COLUMN, ELEVATED STRUCTURE
		POLE, WOOD. (SIZE AS NOTED)
		POLE, FOUNDATION WITH ELBOWS AS INDICATED. (SIZE AS NOTED)
		POLE, ORNAMENTAL OR OTHER, AS INDICATED ON THE PLANS
		RESIDENTIAL STREET LIGHTING CONTROLLER

PROPOSED	PRESENT	
		MANHOLE, 3'X4'X4' 24" F & C (DWG. #730) (A) 30" F & C (DWG. #729) (B)
		MANHOLE, 4'X6'X6' 24" F & C (DWG. #732) (C) 30" F & C (DWG. #733) (D)
		HANDHOLE, HEAVY DUTY, 36" I.D. (DWG. #866) 24" F & C (E). (DWG. #871) 30" F & C (F)
		HANDHOLE, CIRCULAR WITH 24" FRAME & COVER, 30" I.D. (#867) (G)
		FOUNDATION, CONTROLLER OR PEDESTAL, 13" B.C., 20"x5' (DWG. #709)
		FOUNDATION, TRAFFIC CONTROLLER DWG. #854. F.A. TERMINAL FND. DWG. #11972
		FOUNDATION, TRAFFIC TYPE "P", BASE MOUNT. (DWG. #888)
		FOUNDATION, CONTROLLER STREET LIGHT, SPECIAL, 100A & 200A. (DWG. #876 & # 880)
		FOUNDATION, TRANSCLOSURE; TRANSCLOSURE HOUSING. (DWG. # 583 & #891)
		CONTROLLER, UNDERPASS LIGHTING 120V. & 240V. (DWG. #860 & #861)
		MANHOLE, UTILITY, E=COMMONWEALTH EDISON; T=ILL. BELL TEL.; G=PEOPLES GAS; W=CITY WATER; P=CHGO PARK DISTRICT; CTA=C.T.A.; S= SEWER JUNCTION BOX, IN PAVEMENT (DWG. #815)
		DETECTOR LOOP IN PAVEMENT
		CONDUIT or P.V.C., NUMBER, SIZE & TYPE. (AS NOTED)
		CONDUIT or P.V.C. ENCASED IN CONCRETE. (SECTION or NUMBER OF CONDUIT INDICATED)
		LUMINAIRE, H.P.S.V. 400W LAMP, 240V, SEMI-CUTOFF
		LUMINAIRE, H.P.S.V. 400W LAMP, 240V, CUTOFF
		LUMINAIRE, H.P.S.V. 310W LAMP, 240V
		LUMINAIRE, H.P.S.V. 310W LAMP 240V, CUTOFF
		LUMINAIRE, H.P.S.V. 150W LAMP, 240V
		LUMINAIRE, H.P.S.V. 150W LAMP, 120V
		LUMINAIRE, H.P.S.V. 250W LAMP, 120V, (ALLEY LIGHT)
		LUMINAIRE, H.P.S.V. 250W LAMP, 120V
		LUMINAIRE, H.P.S.V. 400W LAMP, 240V, (FLOOD LIGHT)
		TERMINAL, CABINET F.A. & P.C.
		FIRE ALARM BOX, MOUNTED
		FIRE ALARM BOX, POLE MOUNTED
		CABLE, TRAFFIC SIGNAL, COMMUNICATION, 1-PAIR #14 SHIELDED, IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C- #4, 600 V. EPR. IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2 1/C-#2 or #1/0 600V. EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#10 or #6, 600V NSRI, IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 7/C-#12 or #14, 600V, EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 10/C-#12 600V. EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 14/C-#14, 600V. EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 19/C-#12 600V, EPR IN CONDUIT
		CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN PARKWAY
		CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT
		CABLE, STREET LIGHT, 2 1/C-#6 EPRN 600V. & 1 1/C-#8 GREEN, TRIPLEXED, IN CONDUIT
		CABLE, STREET LIGHT, 3 1/C-#1/0, or #2/0, or #4, 600V. EPR IN CONDUIT
		WIRE, STREET LIGHT, 2 1/C-#6, HDNS. AERIAL
		WIRE, STREET LIGHT, 2 1/C-#6 & 1 1/C #8, HDNS. AERIAL
		CABLE, STREET LIGHT AERIAL, 3 1/C-#4 or #2 SELF SUPPORTING, 600V EPR
		WIRE, F.A. & P.C. AERIAL, 1/C-#10, NUMERAL DENOTES QUANTITY
		CABLE, F.A. & P.C. AERIAL, W/ MESSENGER #19-(NUMBER OF PAIRS AS INDICATED)
		CABLE, F.A. & P.C. AERIAL, SELF SUPPORTING, #19-(NUMBER OF PAIRS AS INDICATED)
		CABLE, F.A. & P.C., IN CONDUIT, #19-(NUMBER OF PAIRS AS INDICATED)
		DOWNLIGHT ASSEMBLY. (DWG. #850)
		LIGHT, TRAFFIC SAFETY ISLAND
		FLASHING BEACON & DOWNLIGHT

C.M.H. LUMINAIRES		
PROPOSED	PRESENT	
		LUMINAIRE, C.M.H. 315W LAMP, 240V
		LUMINAIRE, C.M.H. 315W LAMP, 240V, (FLOOD)
		LUMINAIRE, C.M.H. 210W LAMP, 240V
		LUMINAIRE, C.M.H. 140W LAMP, 240V
		LUMINAIRE, C.M.H. 140W LAMP, 120V, (ALLEY)
		LUMINAIRE, C.M.H. 90W LAMP, 240V
		LUMINAIRE, C.M.H. 90W LAMP, 240V (ACORN)
		LUMINAIRE, C.M.H. 60W LAMP, 240V (ACORN)

H.P.S.V. ORNAMENTAL		LUMINAIRES	
PROPOSED	PRESENT		
		310W	PENDANT (240V)
		400W	PENDANT (240V)
		250W	PENDANT (240V)
		150W	ACORN (120V)
		150W	ACORN (240V)
		50W	ACORN (240V)
		100W	ACORN (240V)
		150W	GLOBE (240V)
		100W	GLOBE (240V)
		50W	GLOBE (240V)

L.E.D. LUMINAIRES		
PROPOSED	PRESENT	
		(400W HPSV EQUIVALENT), 240V
		(100W HPSV EQUIVALENT), 240V, ACORN
		(310W HPSV EQUIVALENT), 240V
		(100/150W HPSV EQUIVALENT), 240V ACORN
		(250W HPSV EQUIVALENT), 240V
		(50W HPSV EQUIVALENT), 240V, ACORN

F 01-08-14	ADDED LED LUMINAIRES	A.VIEU		
E 09-19-13	ADDED CMH LUMINAIRES	A.VIEU		
D 02-06-04	REVISED/REDRAW	R.POOL/B.I.		
C 04-01-02	REVISED/REDRAW	R.POOL/B.I.		
B 12-4-01	ADDED ORNAMENTAL SYMBOLS			
A 8-6-96	REDRAWN			
DATE	REVISION			
SUPERSEDES DWG. #				
WORK ORDER NO. _____ DATE _____				
COST ALLOCATION ACCOUNT _____				
APPROPRIATION ACCOUNT { MATERIAL _____				
{ LABOR _____				
STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING				
CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ENGINEERING ELECTRICAL SECTION				
DRAFTSMAN: R. IVY	CHIEF DRAFTSMAN: R. CARTER	ENGINEER: R. POOL/R.C/W.T.		
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.			
ENGINEER OF ELECTRICITY:				
GEN'L SUPT. OF CONSTRUCTION:				
DEPUTY COMMISSIONER:				
SIZE: 22"   36"	SCALE: NONE	DATE: 09-19-13		



ELECTRICAL GENERAL NOTES

11.

ALL WORK FOR THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS STANDARDS (DEO), CHICAGO ELECTRICAL CODE, IDOT STANDARD SPECIFICATIONS ADOPTED APRIL 1, 2016, AND NEMA.
22.

THE CONTRACTOR SHALL PREPARE A PRELIMINARY SCHEDULE WHEN THE CONTRACT COMMENCES WHICH ESTABLISHES THE PROJECT DATES WHEN THE EXISTING AND TEMPORARY ELECTRICAL SERVICES WILL BE TRANSFERRED TO THE NEW PERMANENT SERVICES AS SHOWN ON THE DRAWINGS. THIS SCHEDULE SHALL BE APPROVED BY THE CONTRACTOR AND RESIDENT ENGINEER, THEN FORWARDED IN WRITING TO THE CITY OF CHICAGO, DIVISION OF ELECTRICAL OPERATIONS (DEO), AND COMED. SUBSEQUENT UPDATING OF THE SCHEDULE MUST BE FORWARDED TO THE ABOVE LISTED ENTITIES AS CHANGES OCCUR IN THE DATES, AT LEAST FIVE (5) WORKING DAYS BEFORE THE ELECTRICAL SERVICES ARE SCHEDULED TO BE TRANSFERRED. THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICAGO DEO AND COMED BY PHONE AND CONFIRM THE REQUEST IN WRITING. ALL ELECTRICAL SERVICE WORK DOCUMENTATION MUST BE FORWARDED TO THE CITY FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL CONTACT THE FOLLOWING PERSONNEL PRIOR TO STARTING ANY WORK ON THE PRIMARY ELECTRICAL SERVICE EQUIPMENT:

INSPECTIONAL SERVICES, CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS  
312-746-5048,  
MR. STEVE TRIBUZZI, COMED MODIFICATIONS  
773-682-1521  
MR. STEVE BYSTRIANSKY, JC DECAUX  
773-410-6200  
MR. JEFF CAIRNS, CHICAGO OFFICE OF PUBLIC SAFETY ADMINISTRATION  
312-746-9840
33.

THE CONTRACTOR SHALL HANDLE COORDINATION OF ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING UNITS, CONTROL EQUIPMENT, AND/OR ANY OTHER WORK DEEMED NECESSARY BY THE COMMISSIONER TO ASSURE THAT ANY FUTURE OR CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY.
44.

THE CONTRACTOR SHALL COORDINATE ALL WORK AND MATERIALS WITH SPECIAL ATTENTION TO ALL OTHER CONSTRUCTION CONTRACTS.
55.

THE CONTRACTOR SHALL REFER TO THE CIVIL DRAWINGS FOR LOCATIONS OF EXISTING EQUIPMENT AND UTILITIES NOT SPECIFICALLY SHOWN ON ELECTRICAL DRAWINGS.
66.

THE CONTRACTOR SHALL REFER TO THE TRAFFIC CONTROL DRAWINGS AND STATE STANDARDS FOR TRAFFIC CONTROL RELATED TO STREET LIGHTING AND TRAFFIC SIGNAL WORK.
77.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CIVIL, SEWER AND GENERAL TRAFFIC CONTROL NOTES ON DRAWINGS AND/OR SPECIFICATIONS.
88.

THE CONTRACTOR SHALL COORDINATE WITH ROADWAY, BRIDGE, SEWER, PIPING, AND TRAFFIC CONTROL CONTRACTORS FOR STAGING AND SEQUENCE OF INSTALLATIONS, BACKFILL, AND/OR CONSTRUCTION SCHEDULING.
99.

ALL CITY OF CHICAGO LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT WILL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED TO CITY'S STORAGE FACILITY LOCATED WITHIN THE CITY LIMITS IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, UNLESS NOTED OTHERWISE.
100.

RECORD DRAWINGS SHOWING EXISTING STREET LIGHTING INSTALLATIONS AND CABINET LOCATIONS, ARE AVAILABLE FOR THE CONTRACTOR'S INFORMATION AT THE OFFICES OF CITY OF CHICAGO DEPARTMENT OF STREETS AND SANITATION, DIVISION OF ELECTRICAL OPERATIONS.
111.

ALL EXISTING AREAS THAT ARE DAMAGED AS A PART OF THIS WORK, INCLUDING BUT NOT LIMITED TO FENCING, CURBS AND GUTTERS, AND SIDEWALKS, WHERE RESTORATION IS NOT COVERED BY THE APPLICABLE CONTRACT PAY ITEMS, SHALL BE RESTORED TO THE SATISFACTION OF THE COMMISSIONER AND SEPARATE PAYMENT WILL NOT BE MADE.
122.

ALL NEW ELECTRICAL EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE DONE IN SUCH A MANNER AS NOT TO DAMAGE THE EXISTING LANDSCAPE (TREES, BUSHES, ETC.) DURING THE PROGRESSION OF WORK. IF THE CONTRACTOR HAS A CONFLICT WITH THE EXISTING LANDSCAPE HE SHALL STOP THE WORK, IMMEDIATELY NOTIFY THE RESIDENT ENGINEER AND PUBLIC BUILDING COMISSION OF CHICAGO, AND WAIT FOR RESOLUTION.
13.
13.

THE EXISTING ROADWAY LIGHTING SYSTEM WITHIN THE CONSTRUCTION LIMITS OF THE PROJECT SHALL REMAIN IN OPERATION FOR THE DURATION OF THIS PROJECT UNTIL SUCH TIME THAT THE NEW LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, ADJUSTED, AND ACCEPTED BY THE COMMISSIONER. THE COST OF THIS WORK WILL BE INCLUDED AS PART OF THE MAINTAIN EXISTING LIGHTING SYSTEM PAY ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.
14.
14.

WORK FOR ELECTRICAL SYSTEMS SHALL BE COMPLETED, APPROVED, AND FULLY OPERATIONAL BEFORE A FINAL ACCEPTANCE INSPECTION FOR THE WHOLE PROJECT CAN BE SCHEDULED. LIGHTING CONTROLLERS MAY NOT BE TRANSFERRED IN GROUPS OR INDIVIDUALLY TO THE CITY FOR MAINTENANCE PURPOSES PRIOR TO CONTRACT COMPLETION UNLESS OTHERWISE DIRECTED BY THE COMMISSIONER.
15.
15.

AT THE COMMENCEMENT OF CONTRACTOR ACTIVITIES, ELECTRICAL OR OTHERWISE, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER OPERATION AND MAINTENANCE OF ALL EXISTING LIGHTING AND POWER SYSTEMS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE COMMISSIONER.
16.
16.

ALL PROPOSED DUCT BANKS, CONDUITS, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE COMMISSIONER.
17.

DE-ENERGIZING OF EXISTING LIGHTING UNITS WILL BE INCLUDED IN THE COST OF THE REMOVE EXISTING STREET LIGHTING EQUIPMENT PAY ITEM WORK. SEPARATE PAYMENT WILL NOT BE MADE.
18.

DISCONNECTION AND REMOVAL OF EXISTING BEAM CLAMPS, HANGERS, BRACKETS, CONDUITS, WIRES IN CONDUIT, AND AERIAL CABLES ATTACHED TO STRUCTURE AND TO EXISTING LIGHTING UNITS WILL BE INCLUDED IN THE COST OF REMOVE EXISTING STREET LIGHTING EQUIPMENT, SEPARATE PAYMENT WILL NOT BE MADE.
19.

QUAZITE BOXES SHOULD BE FILLED WITH SAND AND CONDUITS THAT ENTER QUАЗITE BOXES SHOULD BE CAPPED UNTIL FUTURE UTILITY OWNER PULLS CABLES IN FOR DAS SYSTEMS. THIS WILL PREVENT DAMAGE TO QUАЗITE BOXES AND MITIGATE AGAINST MAINTENANCE RESPONSIBILITIES FOR CDOT UNTIL THE QUАЗITE BOXES ARE TURNED OVER TO UTILITY OWNERSHIP.
20.

REMOVAL OF EXISTING ELECTRICAL CABLES FEEDING EACH OF THE EXISTING LIGHTING/SIGNAL UNITS WILL BE INCLUDED IN THE COST OF REMOVE EXISTING STREET LIGHTING EQUIPMENT AND SEPARATE PAYMENT WILL NOT BE MADE.
21.

EXISTING EMBEDDED AND UNDERGROUND RACEWAYS BETWEEN EXISTING LIGHTING UNITS OR EXISTING EQUIPMENT SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
22.

THE CONTRACTOR SHALL COORDINATE WITH THE COMMISSIONER AND ALL CONCERNED ORGANIZATIONS AS TO POSSIBLE REMOVAL, REPLACEMENT, DISPLACEMENT, AND/OR METHOD OF AVOIDANCE OF EXISTING OBSTRUCTIONS OR PROPOSED CONSTRUCTION ELEMENTS REQUIRED BY NEW INSTALLATIONS.
23.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY ADDITIONAL TEMPORARY ELECTRICAL EQUIPMENT CONNECTIONS AS NECESSARY TO MAINTAIN EXISTING LIGHTING CONTINUITY AS THE PROPOSED WORK FOR INSTALLATION AND REMOVAL OF EXISTING LIGHTING EQUIPMENT PROGRESSES. THE COST OF THIS WORK WILL BE INCLUDED IN MAINTAIN EXISTING LIGHTING SYSTEM.
24.

WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION OR EXISTING FOUNDATION. THE CONTRACTOR MUST NOTIFY THE COMMISSIONER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE COMMISSIONER. THIS WORK WILL BE INCLUDED IN THE APPROPRIATE EXCAVATION PAY ITEM.
25.

THE CONTRACTOR SHALL REFER TO ALL CITY OF CHICAGO EDISON SERVICE ATLAS DRAWINGS, CHICAGO PARK DISTRICT DRAWINGS, COMED DRAWINGS, AND AT&T DRAWINGS FOR POSSIBLE UNDERGROUND WIRES, CABLES, CONDUITS, DUCT RUNS, EQUIPMENT, OR DEVICES.
26.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING THE PROPOSED LOCATION OF ALL CITY LIGHT POLES, LUMINAIRES, CABINETS, JUNCTION BOXES, CONDUIT ROUTES, AND OTHER EQUIPMENT AND ITEMS FOR A CONTRACTOR REQUESTED PRE-CONSTRUCTION INSPECTION BY THE COMMISSIONER, THE CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE APPROVED BY THE CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS PRIOR TO STARTING WORK. ANY WORK INSTALLED WITHOUT LOCATION APPROVAL FROM THE CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS WILL BE SUBJECTED TO CORRECTIVE ACTION AT THE CONTRACTOR'S EXPENSE.
27.

THE CONTRACTOR SHALL IDENTIFY EACH ELECTRIC CABLE ASSEMBLY FOR STREET LIGHTING. CABLES SHALL BE TAGGED IN ALL HANDHOLES, MANHOLES, CONTROLLER CABINETS, AND LIGHT POLE BASES.
28.

CONDUIT STUBOUTS IN EQUIPMENT FOUNDATIONS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE CONSIDERED AS PART OF THE APPLICABLE FOUNDATION PAY ITEM. REFER TO SPECIFICATIONS.
29.

THE QUANTITIES OF RIGID GALVANIZED STEEL CONDUIT AND PVC, WHERE INDICATED ON THESE PLAN DRAWINGS, ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
30.

THE ELECTRIC CABLE PHASE AND NEUTRAL CONDUCTORS SHALL BE RUN CONTINUOUS WITHOUT ANY UNDERGROUND SPLICES, JUNCTION BOX SPLICES, PULL BOX SPLICES, HANDHOLE SPLICES, OR MANHOLE SPLICES. SPLICES OF ELECTRIC CABLE PHASE AND NEUTRAL CONDUCTORS WILL BE PERMITTED ONLY IN THE BASE OF THE PROPOSED LIGHT POLES AND CONTROLLERS UNLESS NOTED OTHERWISE. THIS WORK WILL BE INCLUDED IN THE ELECTRIC CABLE PAY ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.
31.

THE CONTRACTOR SHALL DETERMINE WHICH CABLES ARE TO BE ROUTED IN EACH CELL WHERE MULTIPLE EMBEDDED CONDUITS ARE INDICATED. CONDUCTORS DEDICATED TO A CIRCUIT SHALL NOT BE SEPARATED. DETERMINATION OF WHICH FEEDER IS TO BE PULLED THROUGH A SPECIFIC CELL SHOULD BE BASED ON SIMPLICITY OF CABLE PULL, LEAST AMOUNT OF CROSS-OVERS IN MANHOLES OR HANDHOLES, AND FUTURE CABLE REPLACEMENT REQUIRED.
32.

WHERE DUCT RUN OR EMBEDDED CONDUIT INSTALLATIONS MUST DEVIATE FROM THAT SHOWN ON DRAWINGS AND DEVIATIONS INCREASE DUCT LENGTH OR ADD BENDS BETWEEN MANHOLES/HANDHOLES OR DEVICES, THE CONTRACTOR SHALL NOTIFY THE COMMISSIONER AND PRODUCE EVIDENCE THAT CABLES CAN BE PULLED THROUGH THE EXISTING OR PROPOSED DUCT WITHOUT EXCEEDING MAXIMUM ALLOWABLE CABLE PULLING TENSION.
33.

THE CONTRACTOR SHALL SCHEDULE A FINAL ACCEPTANCE INSPECTION WITH THE COMMISSIONER, THE CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS, AND PUBLIC BUILDING COMMISSION OF CHICAGO UPON COMPLETION OF ALL PROPOSED STREET LIGHTING WORK. UPON FINAL ACCEPTANCE BY THE DEO, THE COMMISSIONER, AND PUBLIC BUILDING COMMISSION OF CHICAGO THE CONTRACTOR SHALL TRANSFER ALL STREET LIGHTING, AND POWER DISTRIBUTION INSTALLATIONS TO THE CITY DEO FOR MAINTENANCE PURPOSES.
34.

ALL EMPTY CONDUIT FOR FUTURE USE SHALL HAVE A PULL STRING OR CABLE INSTALLED TO ASSIST IN FUTURE CABLING. THE COST OF THE CABLE OR STRING WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONDUIT.
35.

THE CONTRACTOR IS RESPONSIBLE TO VERIFY CONDUIT INSTALLATION AGAINST EXISTING AND PROPOSED UNDERGROUND UTILITIES. THE MINIMUM HORIZONTAL CLEARANCE OF 3FT MUST BE PROVIDED BETWEEN THE PROPOSED UNDERGROUND CONDUIT AND THE EXISTING OR PROPOSED WATERMAIN. THE CONDUIT INSTALLATION MUST MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18 INCHES WHERE IT CROSSES THE WATERMAIN.
36.

CITY CONTRACTORS ARE REQUESTED TO TAKE EXTRA PRECAUTIONS WHEN WORKING NEAR COMED OVERHEAD WIRES. THESE WIRES ARE NOT INSULATED. WHEN FIELD CONDITIONS REQUIRE COMED ASSISTANCE (SUCH AS MANHOLE FRAME & COVER ADJUSTMENTS), PLEASE CONTACT COMED, PROJECT ENGINEER, CAITLIN BALL, 773-838-2905, 6-WEEKS PRIOR TO START OF WORK.

SYMBOL NAMES  
FILE NAME: 1012102004\_CADD/CADD\_Sheets112th StreetSite\_10\_E-02\_General Notes.dgn



USER NAME = \$USER\$	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:02	DATE - 12/05/2024	REVISED -

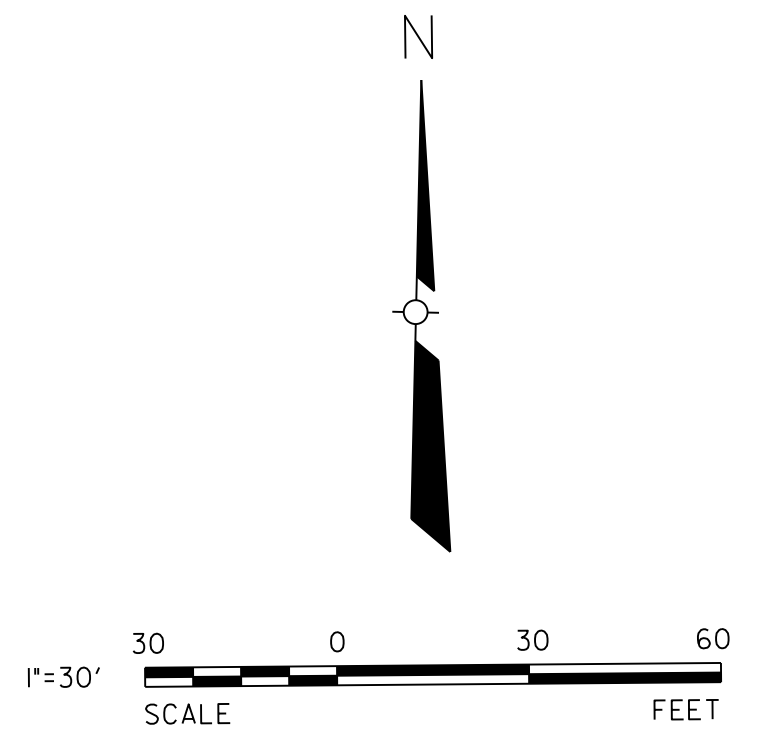
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

ELECTRICAL GENERAL  
NOTES

SCALE: N.A. SHEET 2 OF 13 SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	21
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





### LEGEND

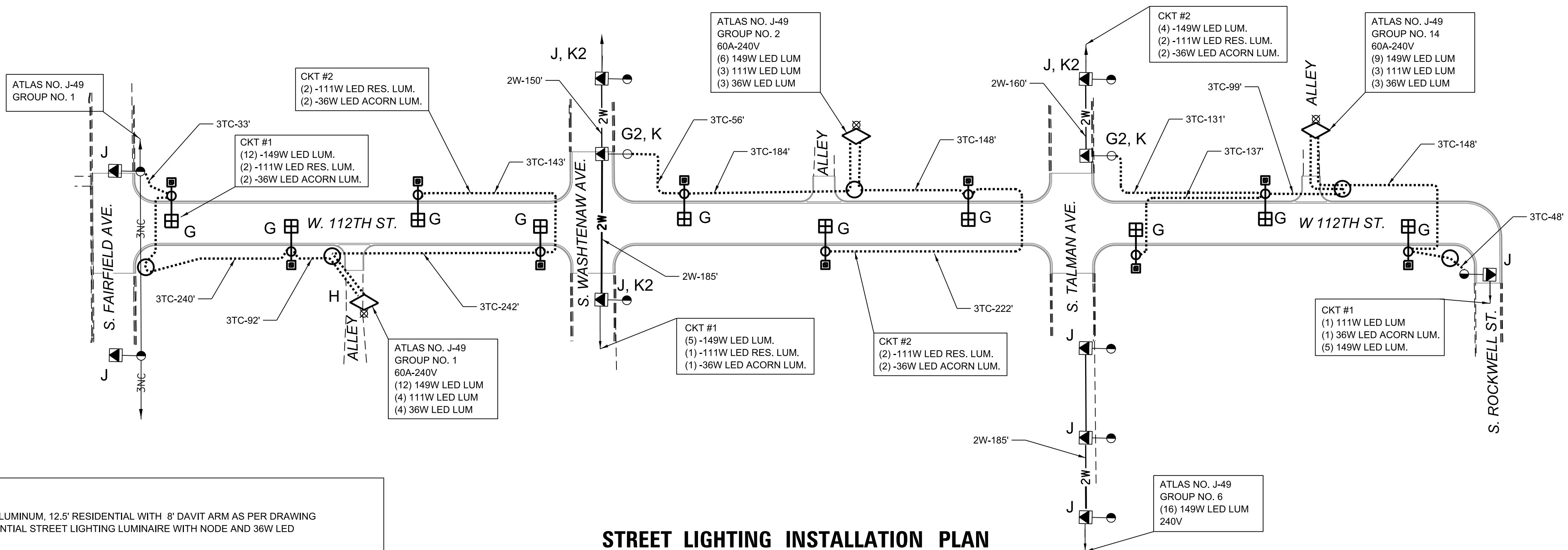
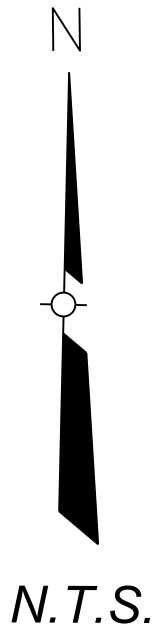
- |        |  |
|--------|--|
| "A"    | INSTALL 10" B.C. x 5' HELIX FOUNDATION PER DRAWING NO. 936, 3' OFF FACE OF CURB          |
| "A1"   | INSTALL 10" B.C. x 5' HELIX FOUNDATION PER DRAWING NO. 936, 7' OFF FACE OF CURB          |
| "A2"   | INSTALL 10" B.C. x 5' HELIX FOUNDATION PER DRAWING NO. 936, 9' OFF FACE OF CURB          |
| "B"    | INTERCEPT CONDUIT IN EXISTING FOUNDATION   |
| "C"    | EXISTING LIGHT POLE FOUNDATION TO REMAIN   |
| "D"    | INSTALL 30" HANDHOLE PER DRAWING NO. 867 WITH 24" FRAME AND COVER AS PER DRAWING NO. 872 |
| "E"    | DRILL INTO AND CLEAN EXISTING HANDHOLE   |
| "F"    | INSTALL CONDUIT INTO EXISTING CONCRETE FOUNDATION  |
| --DB-- | PROPOSED CONDUIT BY DIRECTIONAL BORING   |
| --OC-- | PROPOSED CONDUIT BY OPEN CUT TRENCH  |

NOTE:

1. DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33-INCHES. A NOTE MUST BE SHOWN ON EVERY PAGE OF THE PLANS STATING THESE CONDITIONS. ALL SERVICE CONTROL VALVE AND METER VAULT LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3-FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATED, THEN CDOT SHALL SUBMIT FUNDAING AND/OR RFI FOR DWM APPROVAL PRIOR TO INSTALLATION.

A				
DATE		REVISION		
WORK ORDER NO. _____				
COST ALLOCATION ACCOUNT _____				
APPROPRIATION ACCOUNT { MATERIAL _____ LABOR _____				
UNDERGROUND CONDUIT FACILITIES PLAN 112TH STREET FAIRFIELD AVENUE TO ROCKWELL STREET				
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS				
DRAFTSMAN: JVD	CHIEF DRAFTSMAN:	ENGINEER: MG		
SUPERVISING ENGINEER: RP		DWG. NO.  <b>24-193</b>		
ENGINEER OF ELECTRICITY:				
GEN'L SUPT. OF ELECTRICITY:				
DEPUTY COMMISSIONER:				
SIZE: 22"   34"	SCALE: 1" = 30'	DATE: 12/16/2024		
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	22
CONTRACT NO.				
ILLINOIS		FED. AID PROJECT		





**KEY:**

"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 12.5' RESIDENTIAL WITH 8' DAVIT ARM AS PER DRAWING 940 & 945. INSTALL 111W LED RESIDENTIAL STREET LIGHTING LUMINAIRE WITH NODE AND 36W LED RESIDENTIAL ACORN LUMINAIRE.

"G2" - RE-INSTALL EXISTING POLE, MAST ARM AND LUMINAIRE WITH NODE ON PROPOSED FOUNDATION.

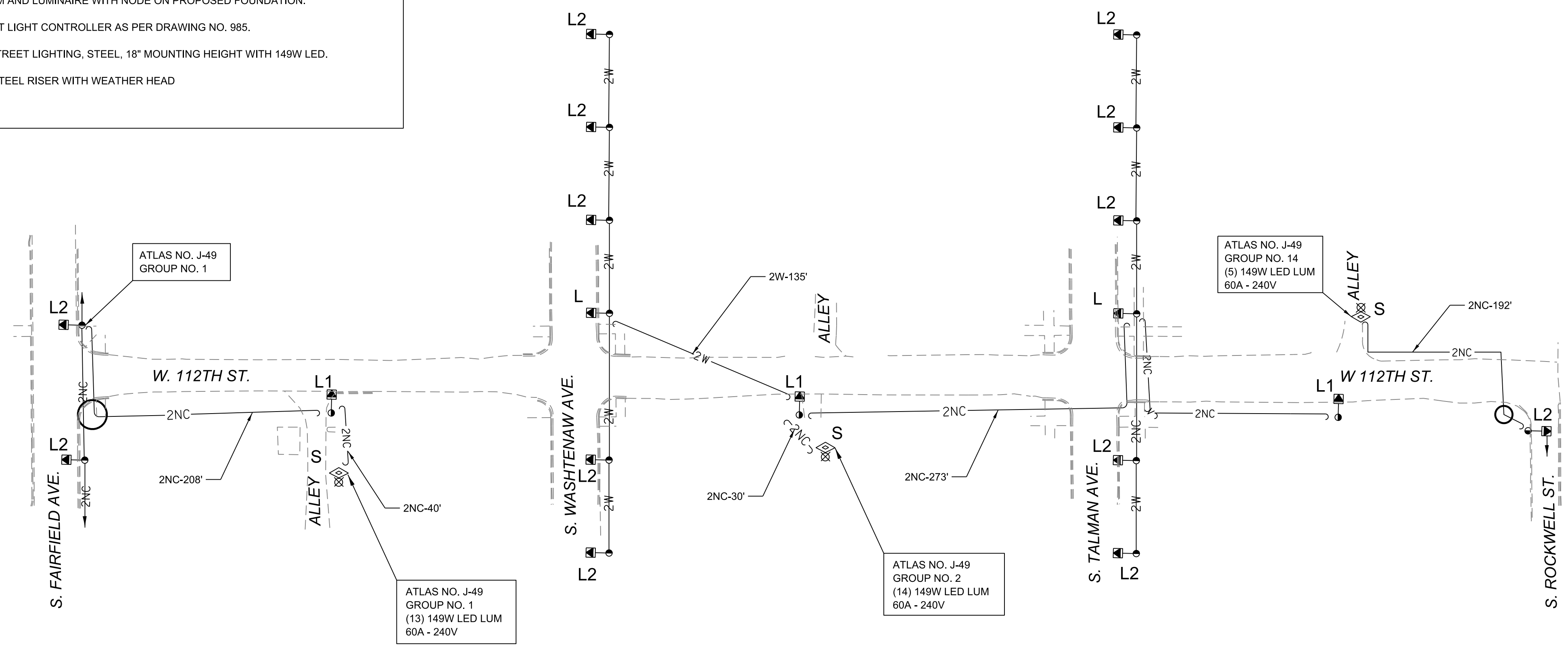
"H" - INSTALL 60A-240V RESIDENTIAL STREET LIGHT CONTROLLER AS PER DRAWING NO. 985.

"J" - EXISTING LIGHT POLE, RESIDENTIAL STREET LIGHTING, STEEL, 18" MOUNTING HEIGHT WITH 149W LED.

"K" - INSTALL 3 WIRE RACK, 2" GALVANIZED STEEL RISER WITH WEATHER HEAD

"K2" - INSTALL 3 WIRE RACK

**STREET LIGHTING INSTALLATION PLAN**



**KEY:**

"L" - REMOVE ANCHOR BASE POLE, MAST ARM, LUMINAIRE WITH NODE, & BREAKDOWN FOUNDATION

"L1" - REMOVE ANCHOR BASE POLE, MAST ARM, LUMINAIRE WITH NODE, & BREAKDOWN FOUNDATION (POLE, MAST ARM, LUMINAIRE AND NODE TO BE RELOCATED TO PROPOSED LOCATION)

"L2" - EXISTING LIGHTING UNIT TO REMAIN

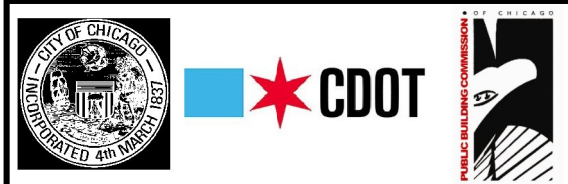
"S" - REMOVE EXISTING LIGHTING CONTROLLER

**STREET LIGHTING REMOVAL PLAN**

ALL LUMINAIRES, NODES, MAST ARMS, CONTROLLERS AND STEEL POLES REMOVED SHALL REMAIN PROPERTY OF CITY OF CHICAGO AND SHALL BE DELIVERED BY THE CONTRACTOR TO 2451 S. ASHLAND AVENUE

A		
DATE	REVISION	
WORK ORDER NO. _____		
COST ALLOCATION ACCOUNT _____		
APPROPRIATION ACCOUNT MATERIAL LABOR _____		
<b>STREET LIGHTING INSTALLATION AND REMOVAL PLAN</b> <b>112TH STREET</b> <b>FAIRFIELD AVENUE TO ROCKWELL STREET</b>		
<b>CITY OF CHICAGO</b> DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS		
DRAFTSMAN: JVD	CHIEF DRAFTSMAN:	ENGINEER: MG
SUPERVISING ENGINEER: RP		DWG. NO.
ENGINEER OF ELECTRICITY:		<b>24-194</b>
GEN'L SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
OUC EFP #	EFP-124379	
ATLAS:	J-49	SIZE: 22"   34" SCALE: NOT TO SCALE DATE: 07/30/2024
F.A. RTE.	SECTION	COUNTY
		COOK
		CONTRACT NO.
ILLINOIS		FED. AID PROJECT

\\MODELS\FILES3\101210204\_CADD\CADD\_Sheets\112th Street\Site 10\_E-04\_Installation & Removal.dgn



USER NAME = \$USERS	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:02	DATE - 12/05/2024	REVISED -

**CITY OF CHICAGO**  
**DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING INSTALLATION AND REMOVAL PLAN**  
**112TH STREET – FAIRFIELD AVENUE TO ROCKWELL STREET**

SCALE: N.T.S. SHEET 4 OF 13 SHEETS STA. 10+00 TO STA. 20+00



\\models\m1e3  
FILE NAME: 3012102004\_CADD\CADD\_Sheets\112th Street\Sta 10\_E-05\_Profile.dgn



USER NAME = \$USER\$	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
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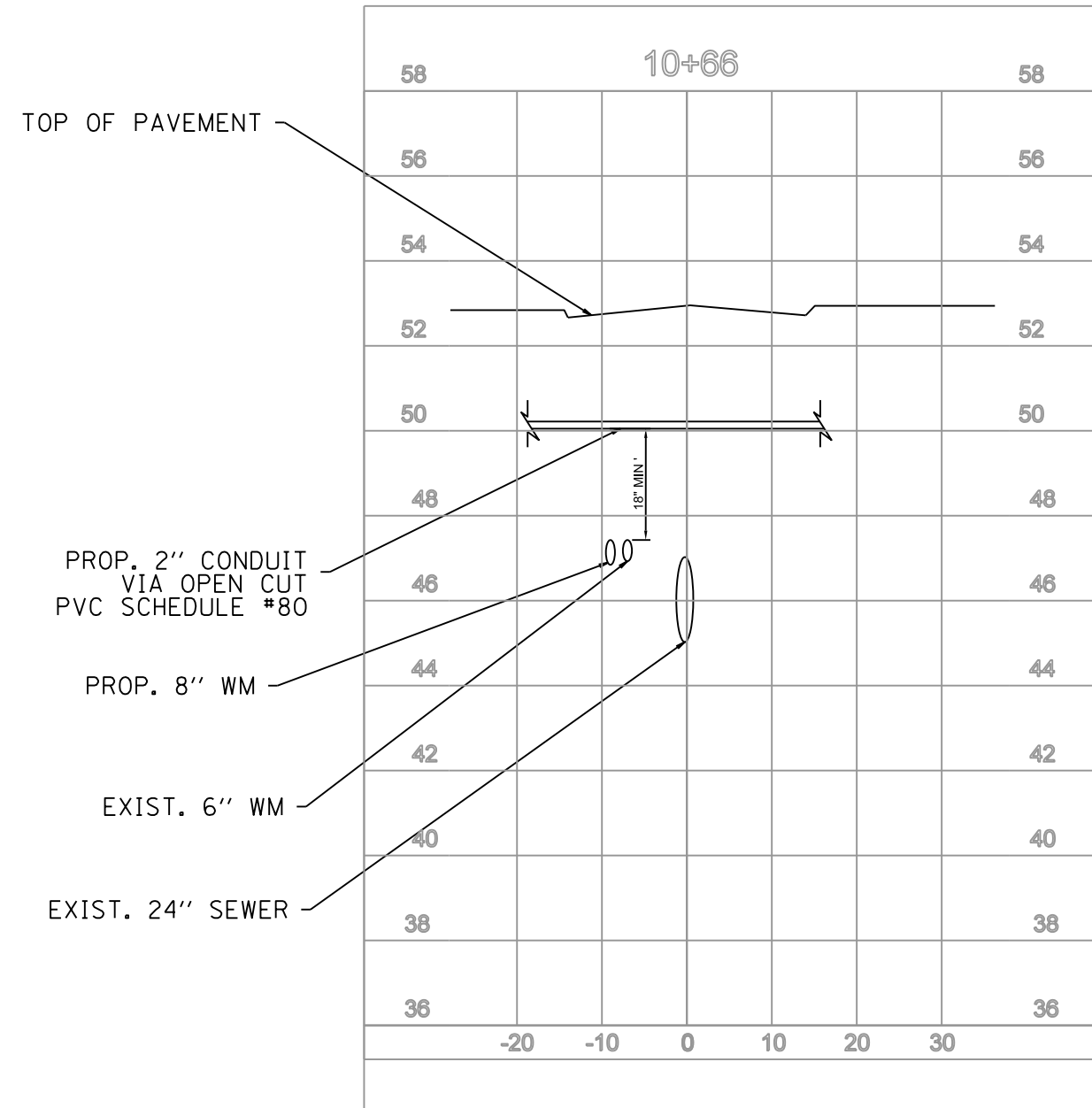
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

PROPOSED CONDUIT PROFILE

SCALE: SHEET 5 OF 13 SHEETS STA. 10+00 TO STA. 20+00

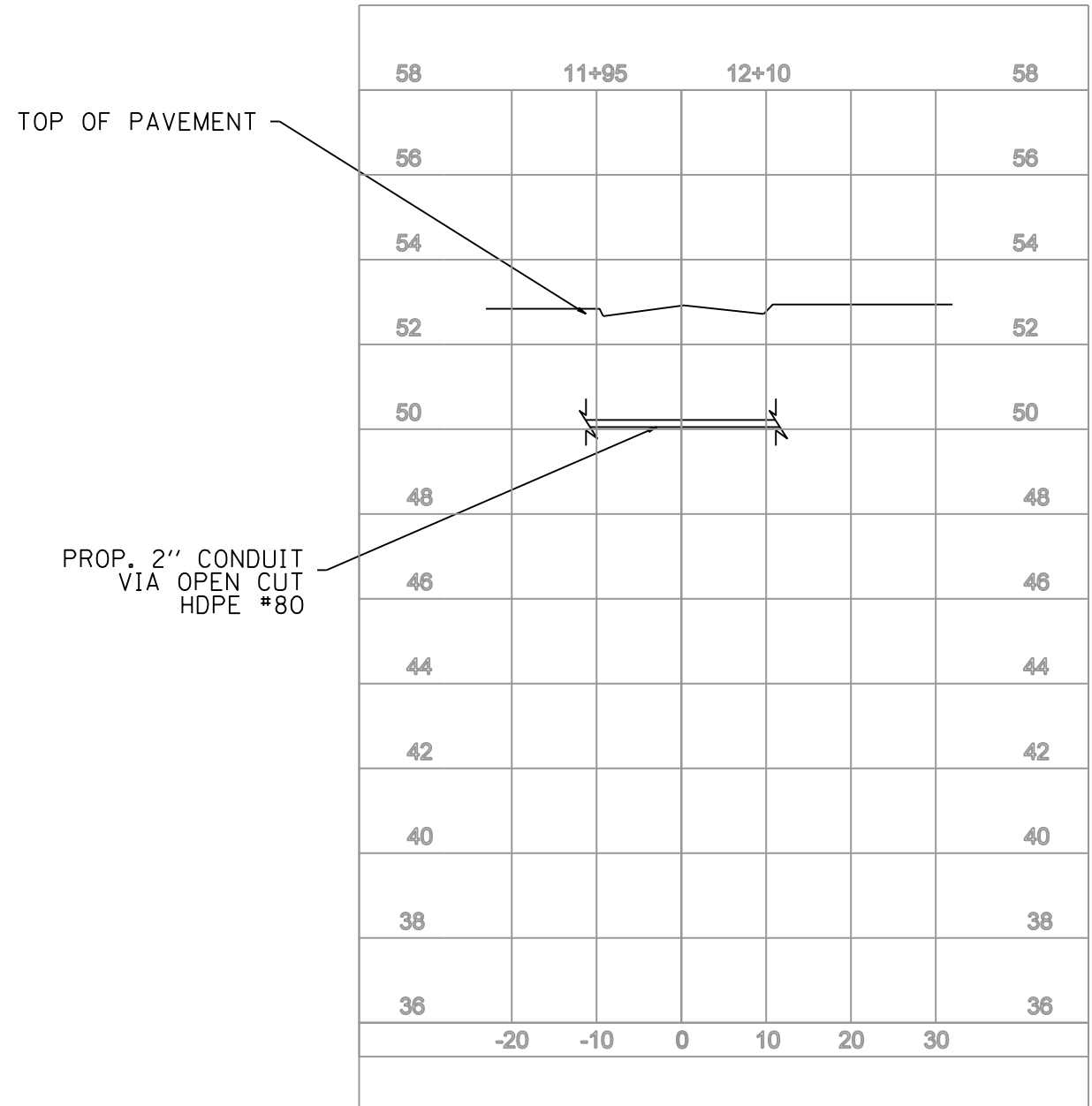
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	24
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PROFILE A  
112TH STREET



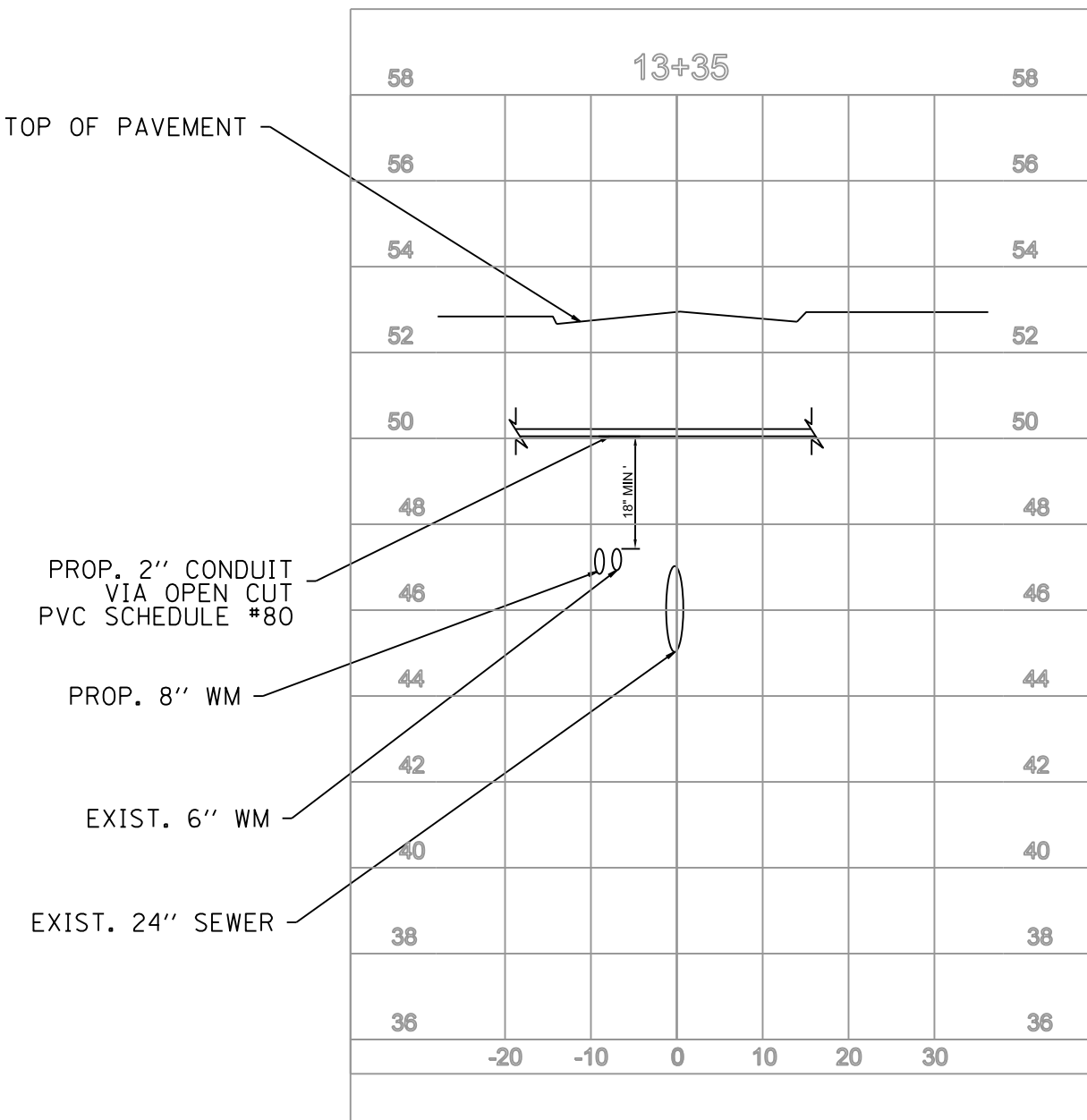
PROPOSED CONDUIT PROFILE  
CROSSING 112TH STREET EAST  
OF FAIRFIELD LOOKING EAST

PROFILE B  
112TH STREET



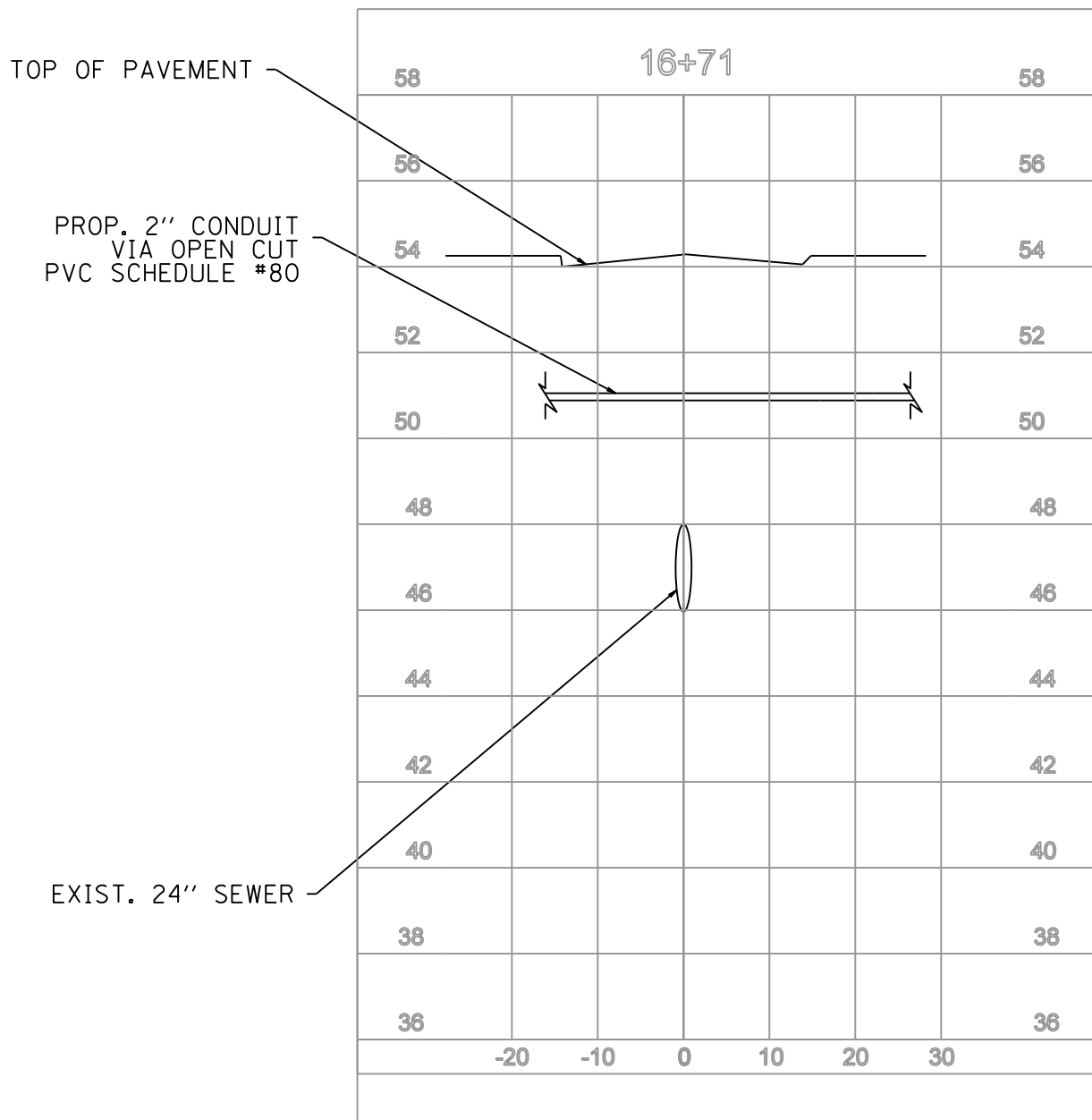
PROPOSED SOUTH LEG CONDUIT  
CROSS SECTION AT ALLEY EAST  
OF FAIRFIELD LOOKING SOUTH

PROFILE C  
112TH STREET



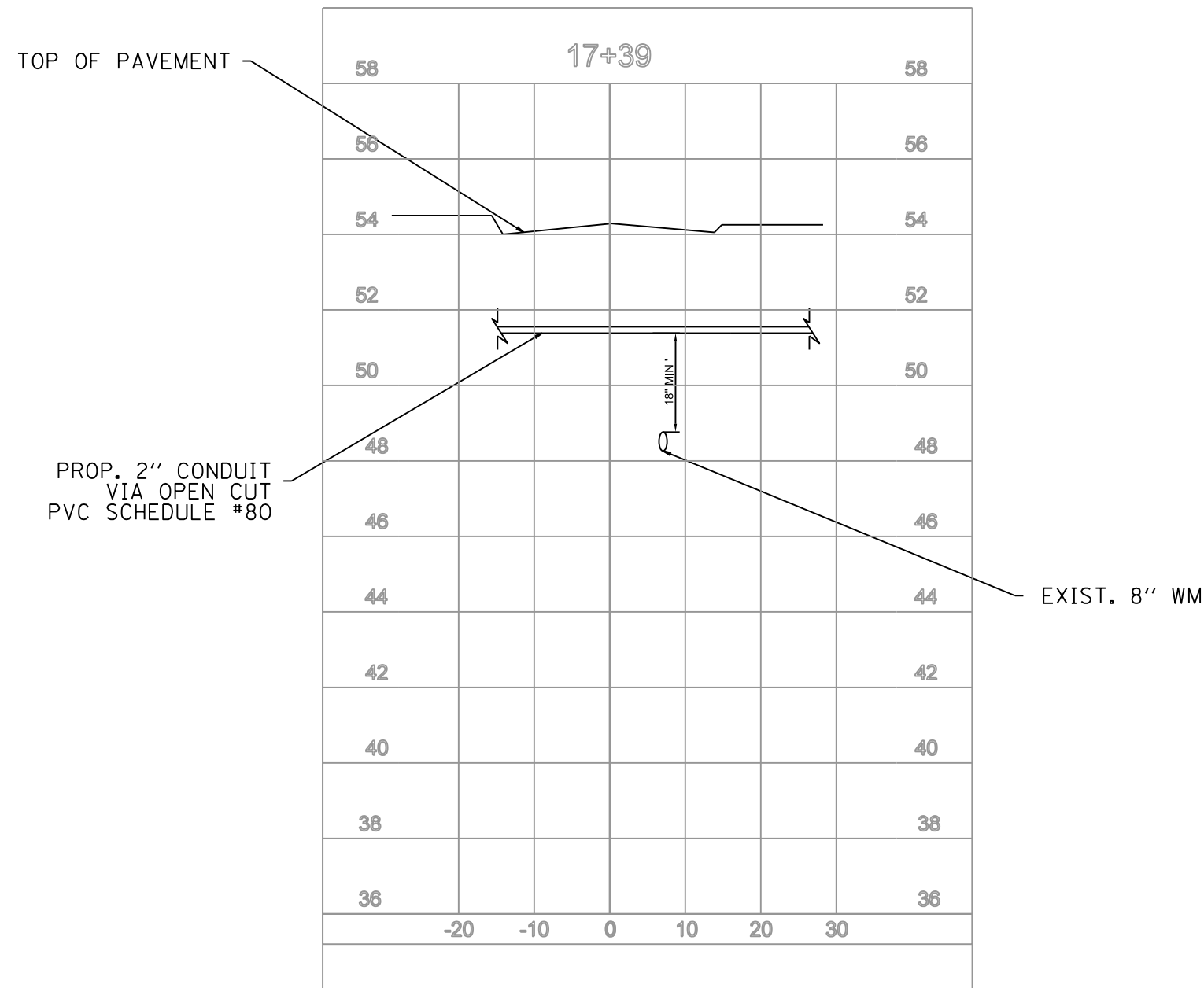
PROPOSED WEST LEG CONDUIT  
CROSS SECTION AT THE  
INTERSECTION OF 112TH STREET  
WASHTENAW AVENUE  
LOOKING EAST

PROFILE D  
112TH STREET



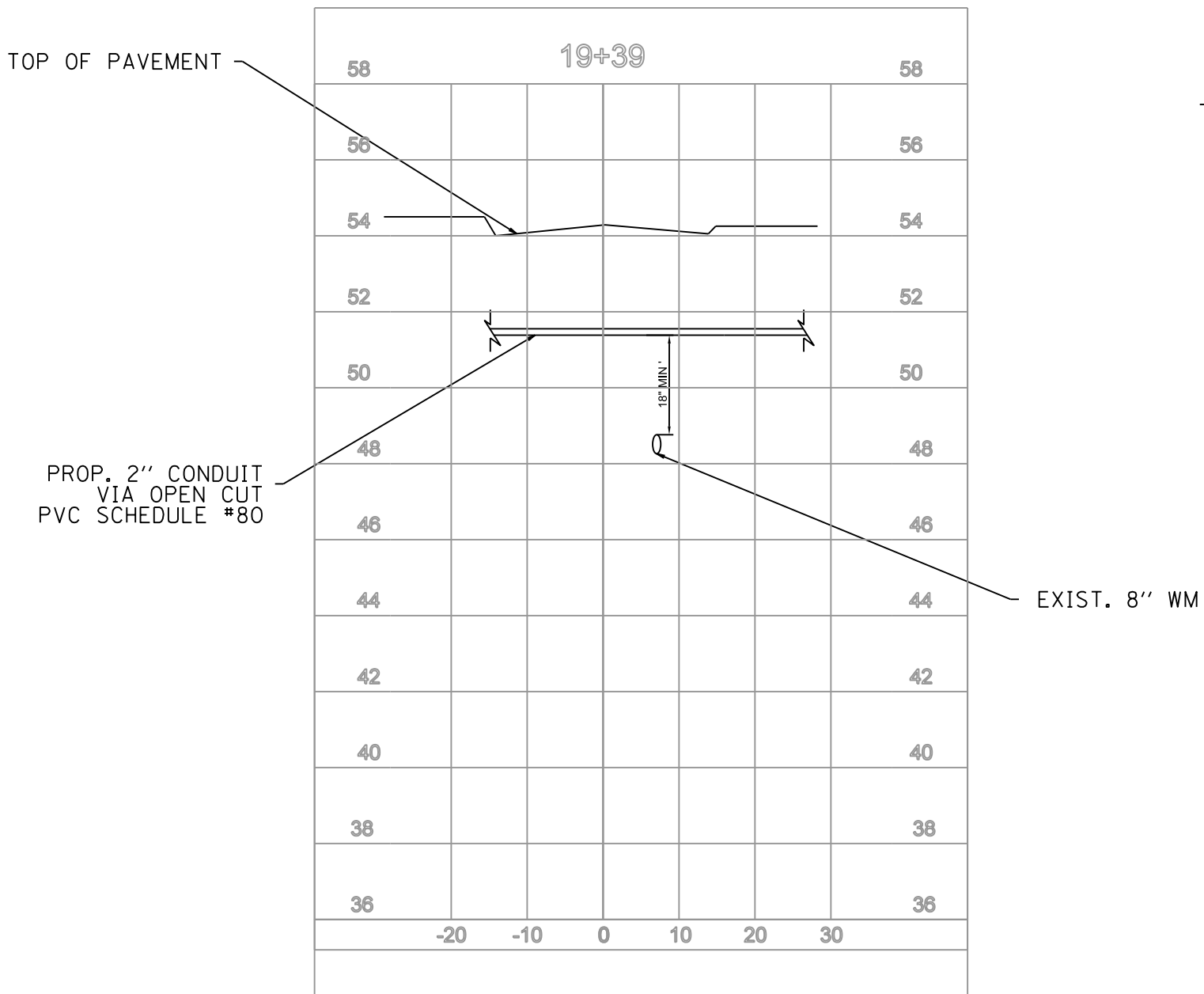
PROPOSED WEST LEG CONDUIT  
CROSS SECTION AT THE  
INTERSECTION OF 112TH STREET  
TALMAN AVENUE  
LOOKING EAST

PROFILE E  
112TH STREET



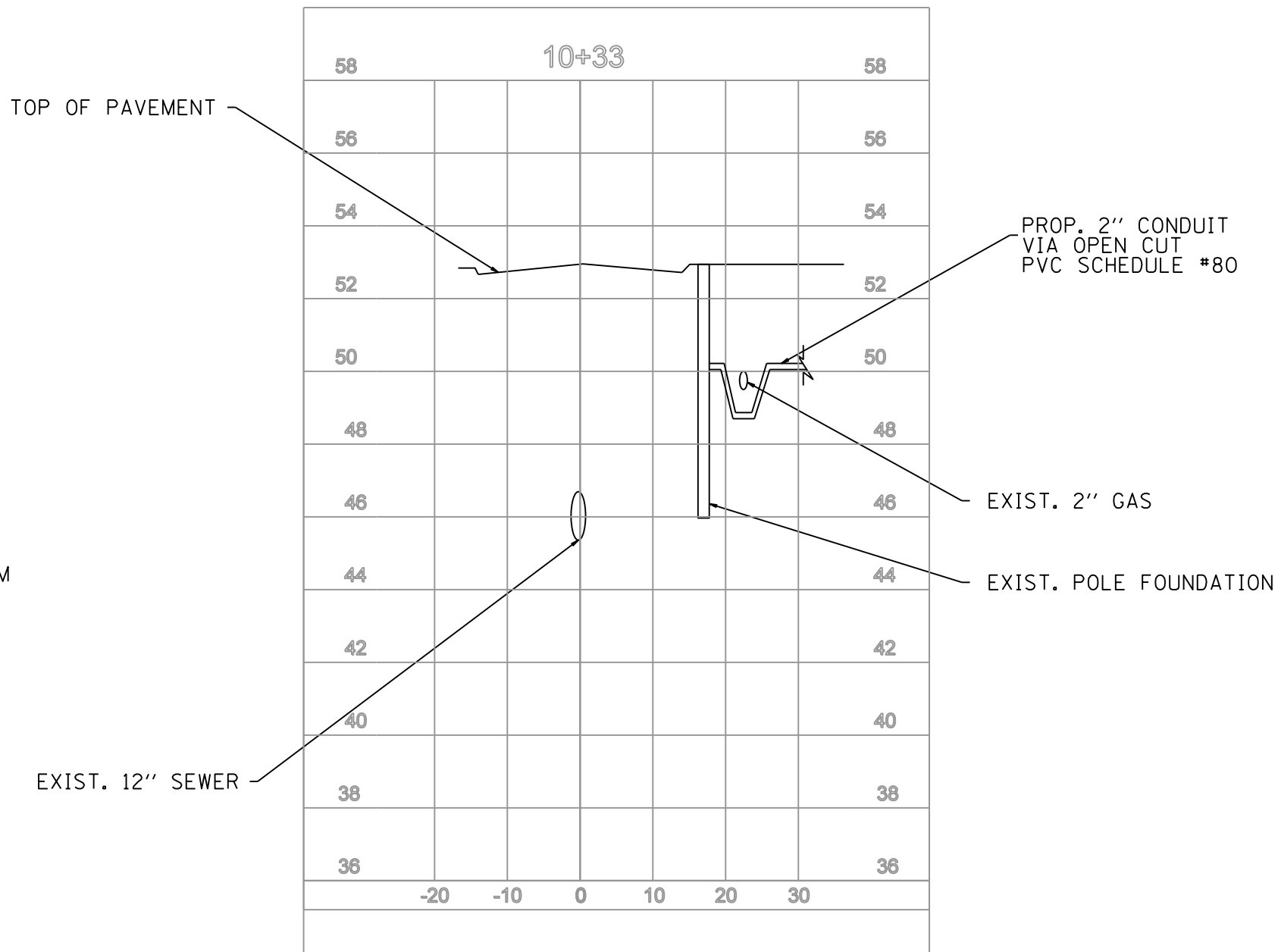
PROPOSED EAST LEG CONDUIT  
CROSS SECTION AT THE  
INTERSECTION OF 112TH STREET  
TALMAN AVENUE  
LOOKING EAST

PROFILE F  
112TH STREET

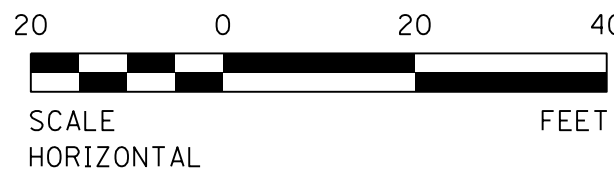


PROPOSED WEST LEG CONDUIT  
CROSS SECTION AT THE  
INTERSECTION OF 112TH STREET  
ROCKWELL AVENUE  
LOOKING EAST

PROFILE G  
FAIRFIELD AVENUE

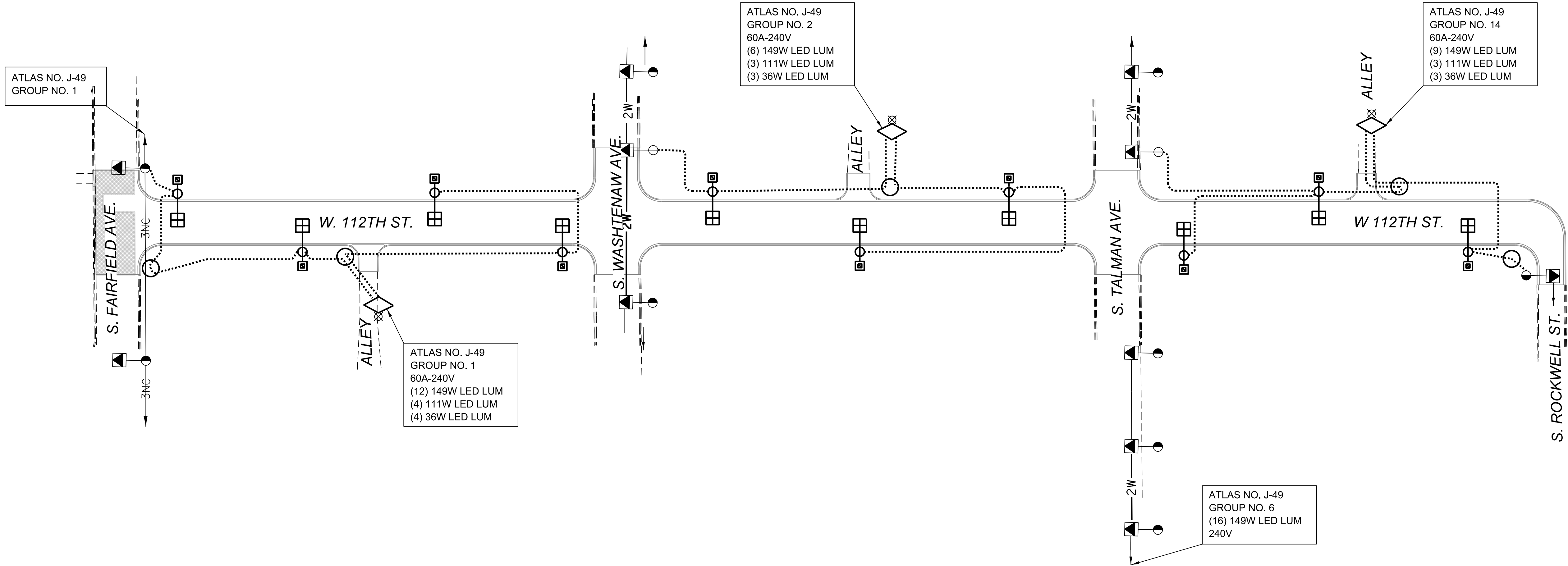


PROPOSED CONDUIT PROFILE  
CROSSING EAST PARKWAY OF  
FAIRFIELD AVENUE AT 112TH  
STREET LOOKING NORTH





\\MODEL\NAMES  
FILE NAME: 101212102304\_CADD\CADD\_Sheets\112th Street\Site 10\_E-06 Field Verification Record.dgn



A		
DATE	REVISION	
WORK ORDER NO. _____		
COST ALLOCATION ACCOUNT _____		
APPROPRIATION ACCOUNT MATERIAL _____		
LABOR _____		
STREET LIGHTING FIELD VERIFICATION RECORD 112TH STREET FAIRFIELD AVENUE TO ROCKWELL STREET		
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS		
DRAFTSMAN: JVD	CHIEF DRAFTSMAN: RP	ENGINEER: MG
SUPERVISING ENGINEER: ENGINEER OF ELECTRICITY: GEN'L SUPT. OF ELECTRICITY:		DWG. NO. <b>24-194A</b>
DEPUTY COMMISSIONER:		
OUC EFP #	EFP-124379	
ATLAS:	J-49	SIZE: 22"   34" SCALE: NOT TO SCALE DATE: 05/07/2024
F.A. RTE.	SECTION	COUNTY
		COOK
		CONTRACT NO.
TOTAL SHEETS 51		SHEET NO. 25
ILLINOIS FED. AID PROJECT		



USER NAME = \$USERS\$	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:02	DATE - 12/05/2024	REVISED -

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING FIELD VERIFICATION RECORD  
112TH STREET – FAIRFIELD AVENUE TO ROCKWELL STREET

SCALE: N.T.S. SHEET 6 OF 13 SHEETS STA. 10+00 TO STA. 20+00



wangeng@wangeng.com  
1145 N Main Street  
Lombard, IL, 60148  
Telephone: 630 953 9928  
Fax: 630 953 9938

Drilling Contractor **Wang Testing Services** Drill Rig **17B57T [91%]**  
 Driller **RH&PH** Logger **A. Scifers** Checked by **C. Marin**  
 Drilling Method **2.25" ID HSA; backfilled upon completion**

wangeng@wangeng.com  
1145 N Main Street  
Lombard, IL, 60148  
Telephone: 630 953 9928  
Fax: 630 953 9938

Drilling Contractor **Wang Testing Services** Drill Rig **17B57T [91%]**  
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 Driller **RH&PH** Logger **A. Scifers** Checked by **C. Marin**  
 Drilling Method **2.25" ID HSA; backfilled upon completion**





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

	USER NAME = \$USERS\$	DESIGNED - JVD	REVISED -
		DRAWN - JVD	REVISED -
	PLOT SCALE = \$SCALES\$	CHECKED - RP / MG	REVISED -
	PLOT DATE = 16-DEC-2024 09:02	DATE - 12/05/2024	REVISED -

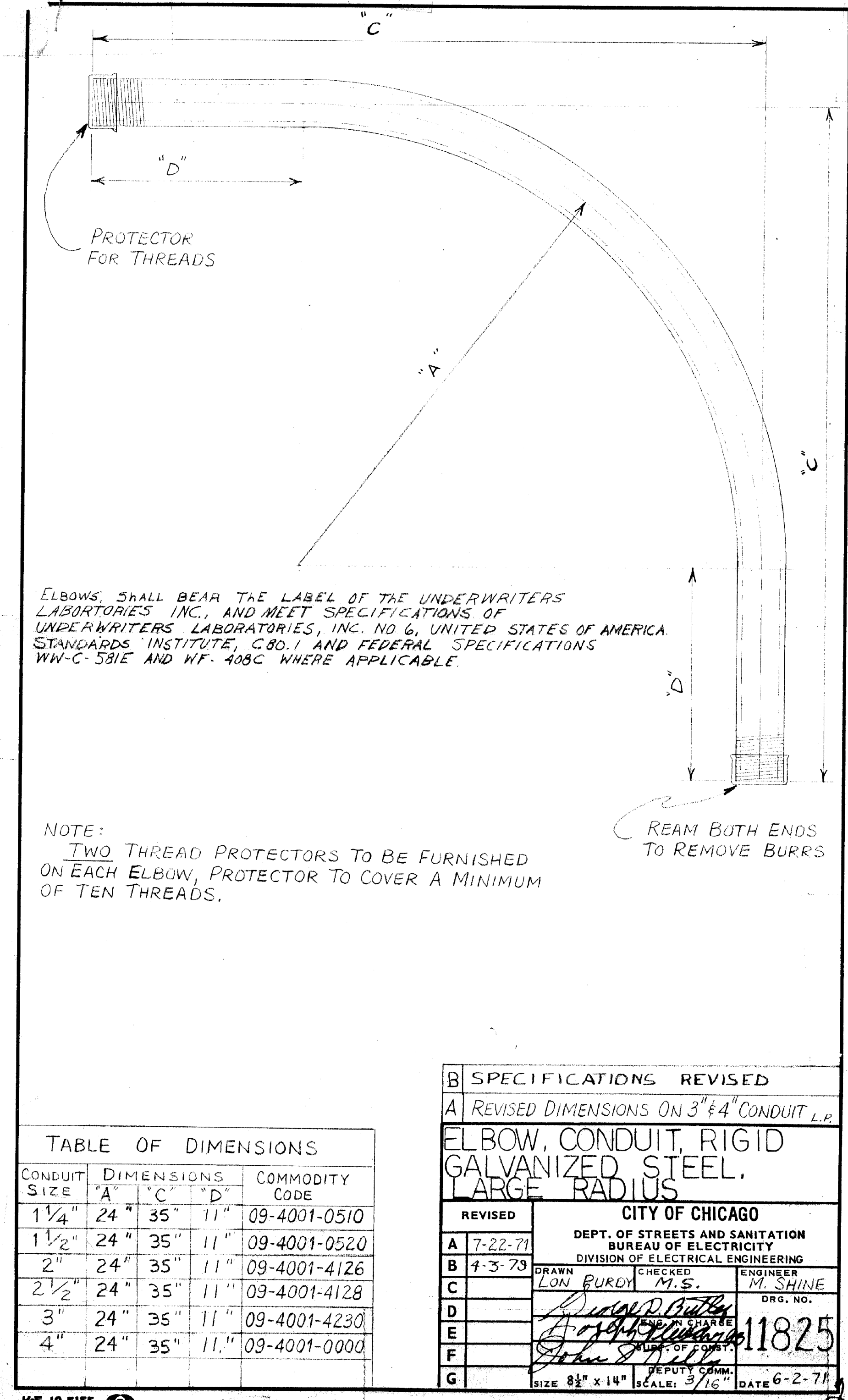
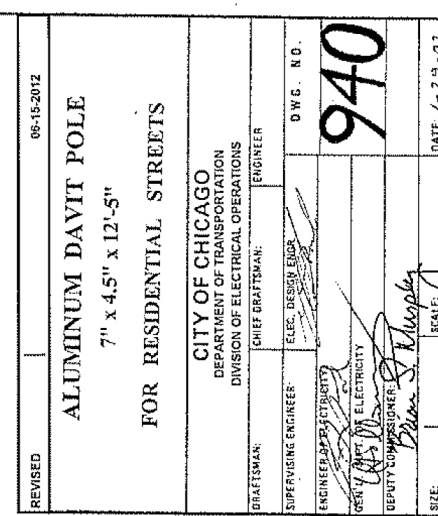
CONCRETE TO BE  
RESTORED PER  
STATE OF ILL.  
SPEC# 2116-2

**CITY OF CHICAGO**  
**DEPT. OF STREETS AND SANITATION**  
**BUREAU OF ELECTRICITY**  
**DIVISION OF ELECTRICAL ENGINEERING**

<b>CDOT ELECTRICAL STANDARD DETAILS</b>				
SCALE:	SHEET 7	OF 13	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	27
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		













USER NAME	= \$USERS
DESIGNED	- JVD
DRAWN	- JVD
PLOT SCALE	= \$\$CALE\$
PLOT DATE	= 16-DEC-2024 09:03

DESIGNED	- JVD
DRAWN	- JVD
CHECKED	- RP / MG
DATE	- 12/05/2024

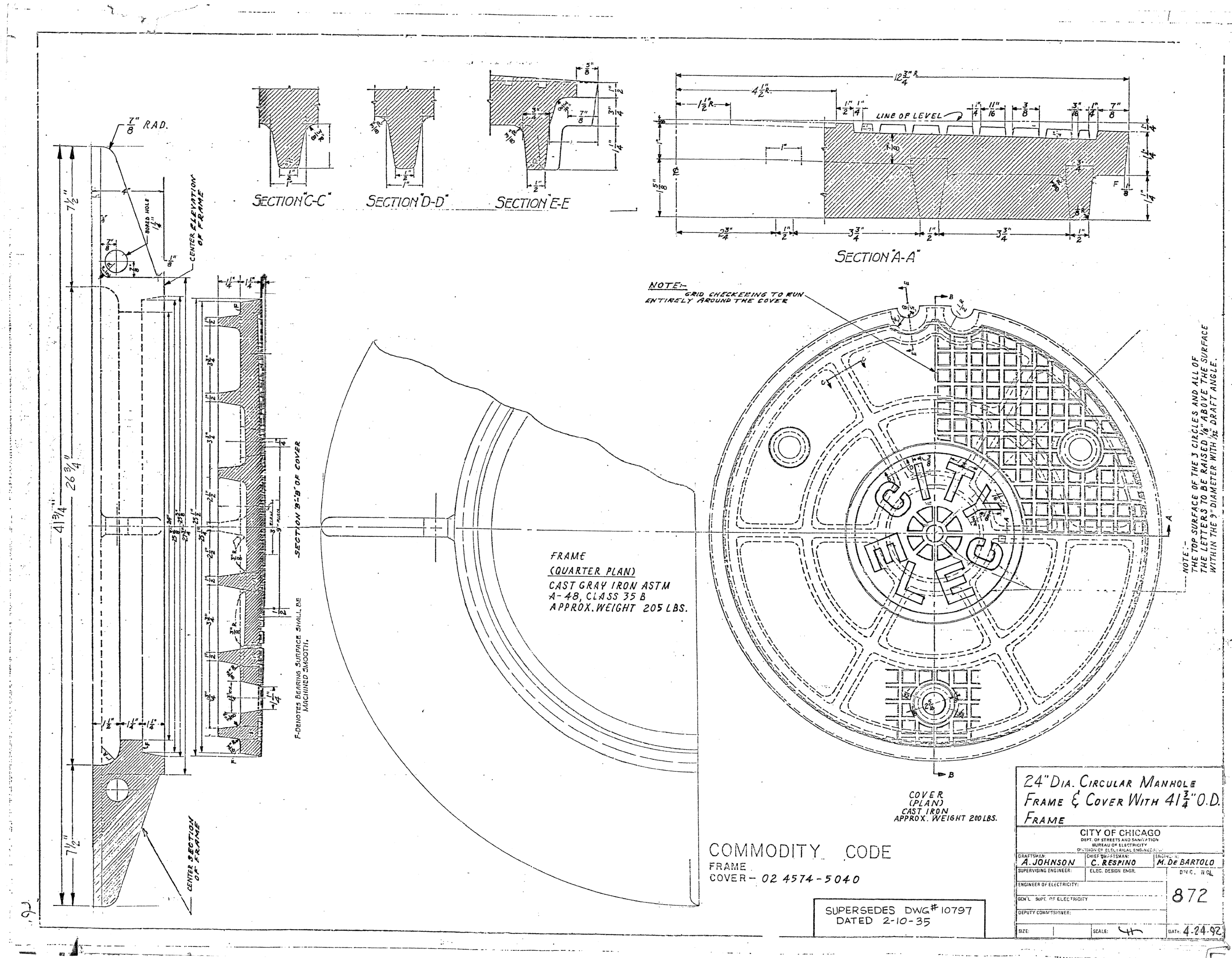
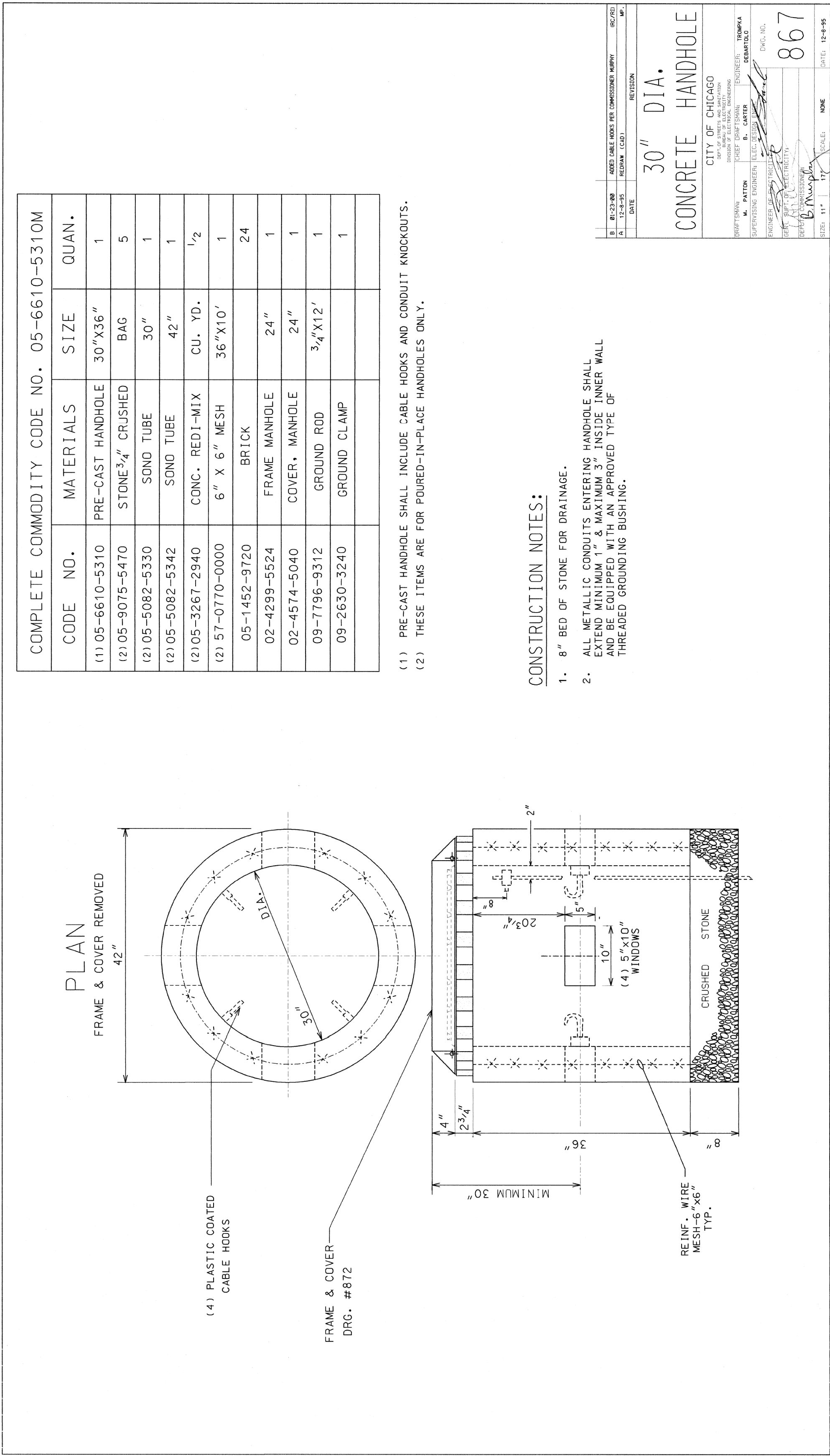
REVISED	-
REVISED	-
REVISED	-
REVISED	-

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

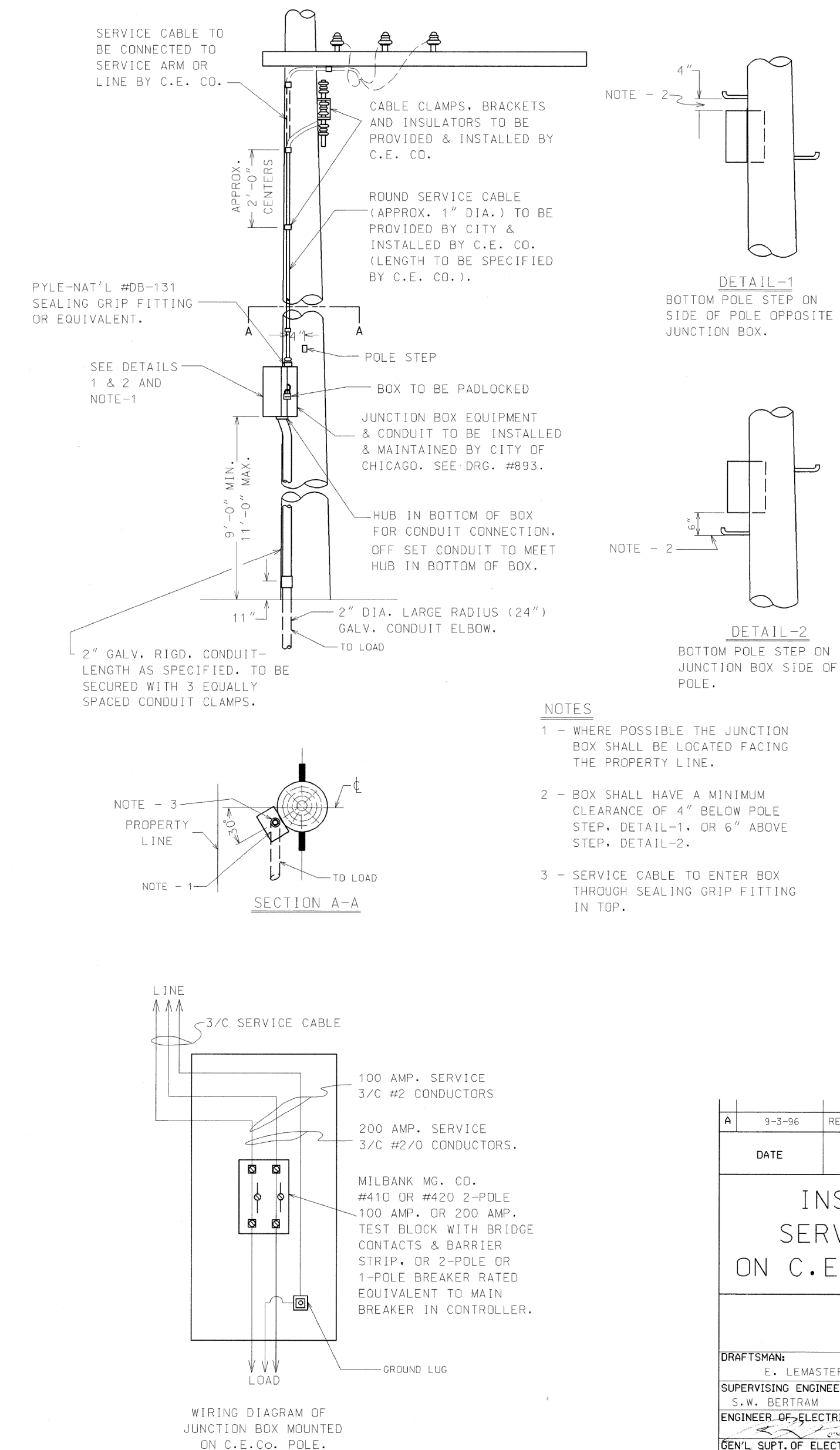
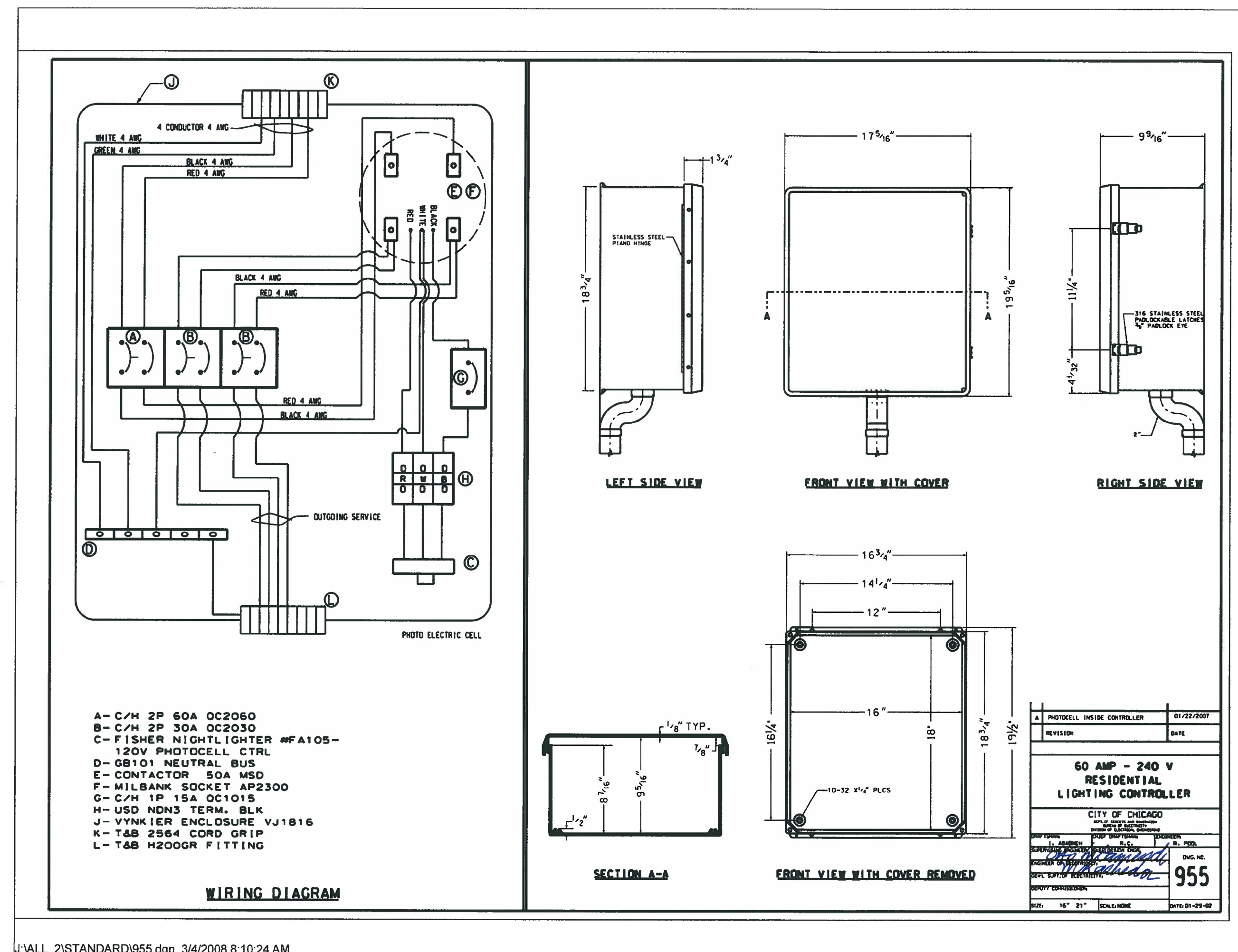
CDOT ELECTRICAL  
STANDARD DETAILS

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	30
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				







USER NAME = \$USERS\$	DESIGNED - JVD	REVISED -
	DRAWN - JVD	REVISED -
PLOT SCALE = \$\$Scales\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:03	DATE - 12/05/2024	REVISED -

**CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION**

## CDOT ELECTRICAL STANDARD DETAILS

SCALE:	SHEET 11	OF 13	SHEETS	STA.	TO STA.
--------	----------	-------	--------	------	---------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	31
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		





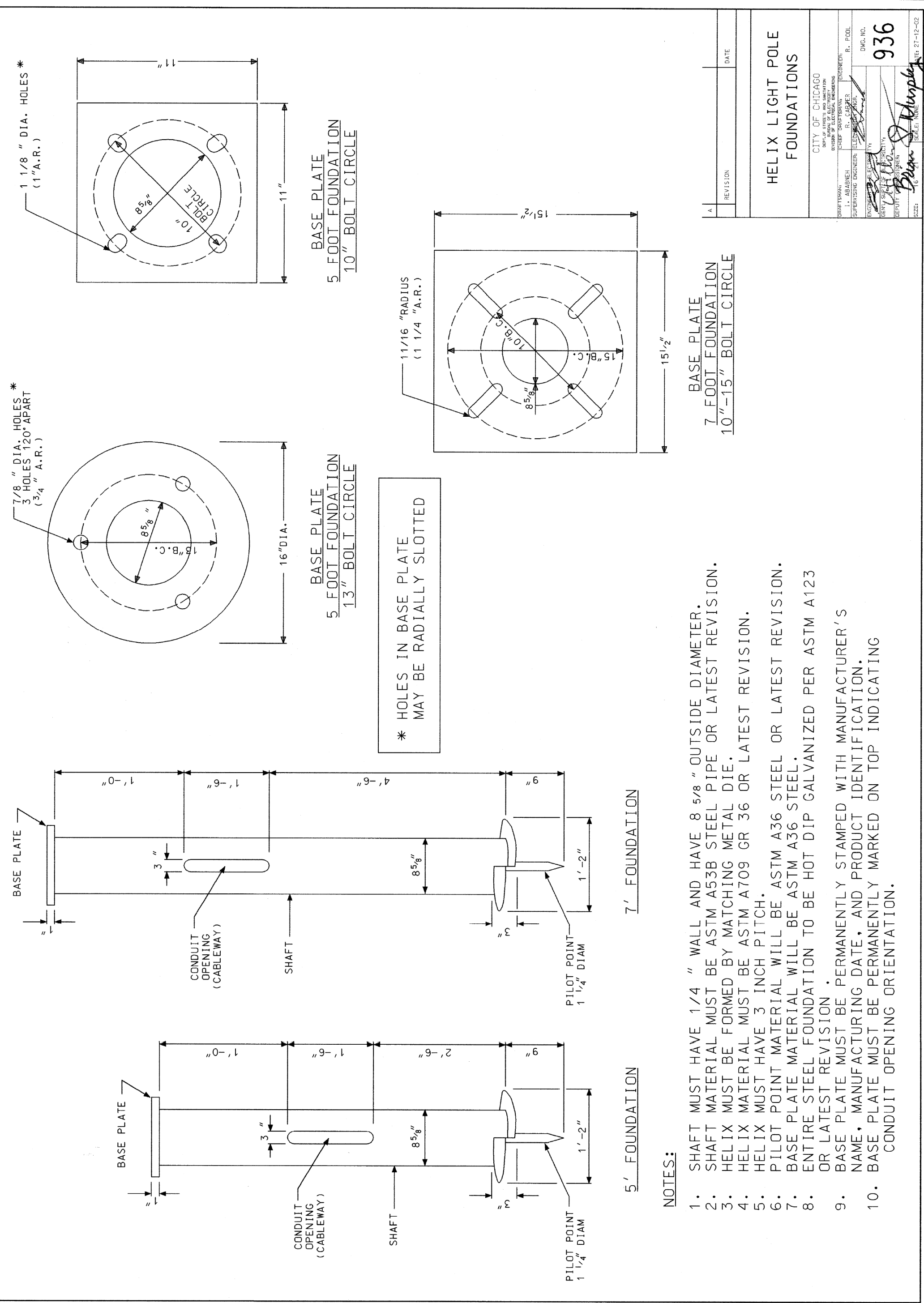
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	DRAWN - JVD	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - RP / MG	REVISED -
PLOT DATE = 16-DEC-2024 09:03	DATE - 12/05/2024	REVISED -

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

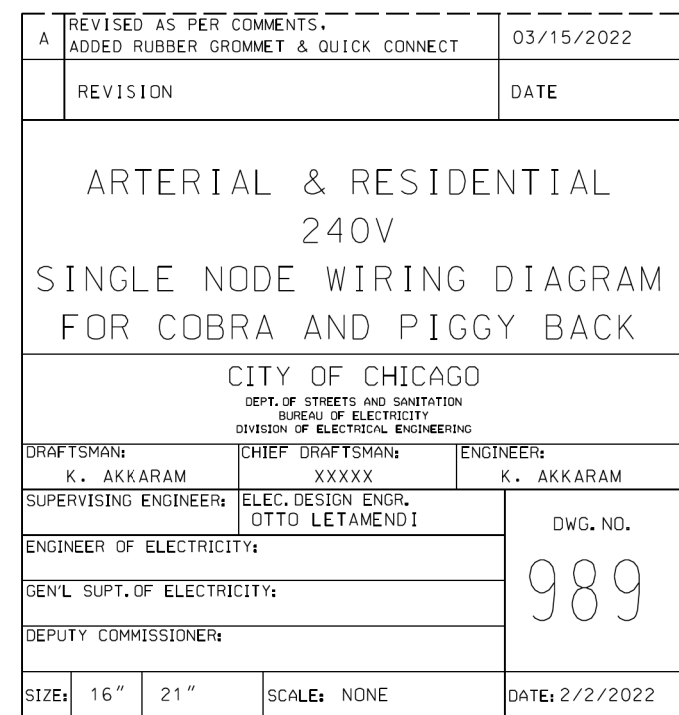
CDOT ELECTRICAL  
STANDARD DETAILS

SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	32
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				









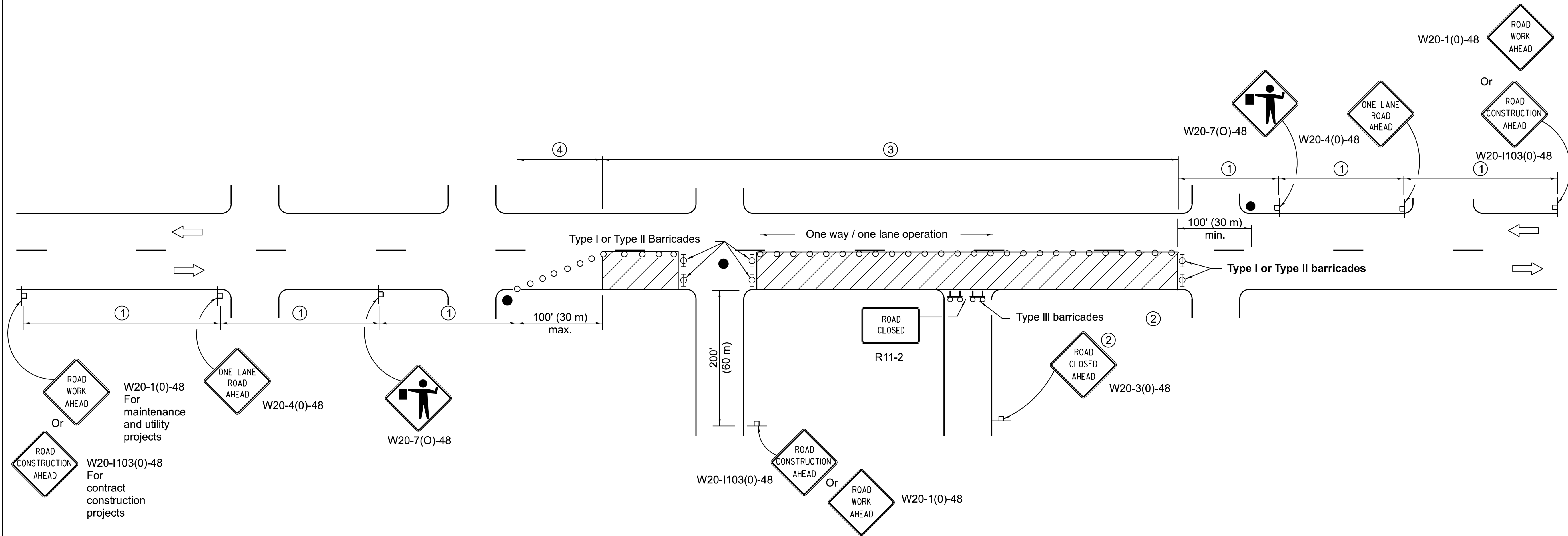
NOTES

- A - GROUNDED TERMINAL BLOCK
- B - NEMA SOCKET
- C - DRIVER
- D - PIGGY BACK ACORN
- E - QUICK CONNECT
- F - RUBBER GROMMET

 - DENOTES BURNDY WIRE CONNECTOR  
TERMINAL KIT - TYPICAL

 - DENOTES GROUND LUG ON POLE





SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

Illinois Department of Transportation

APPROVED January 1, 2011  
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

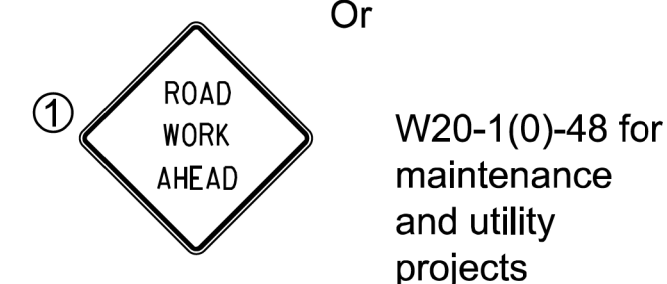
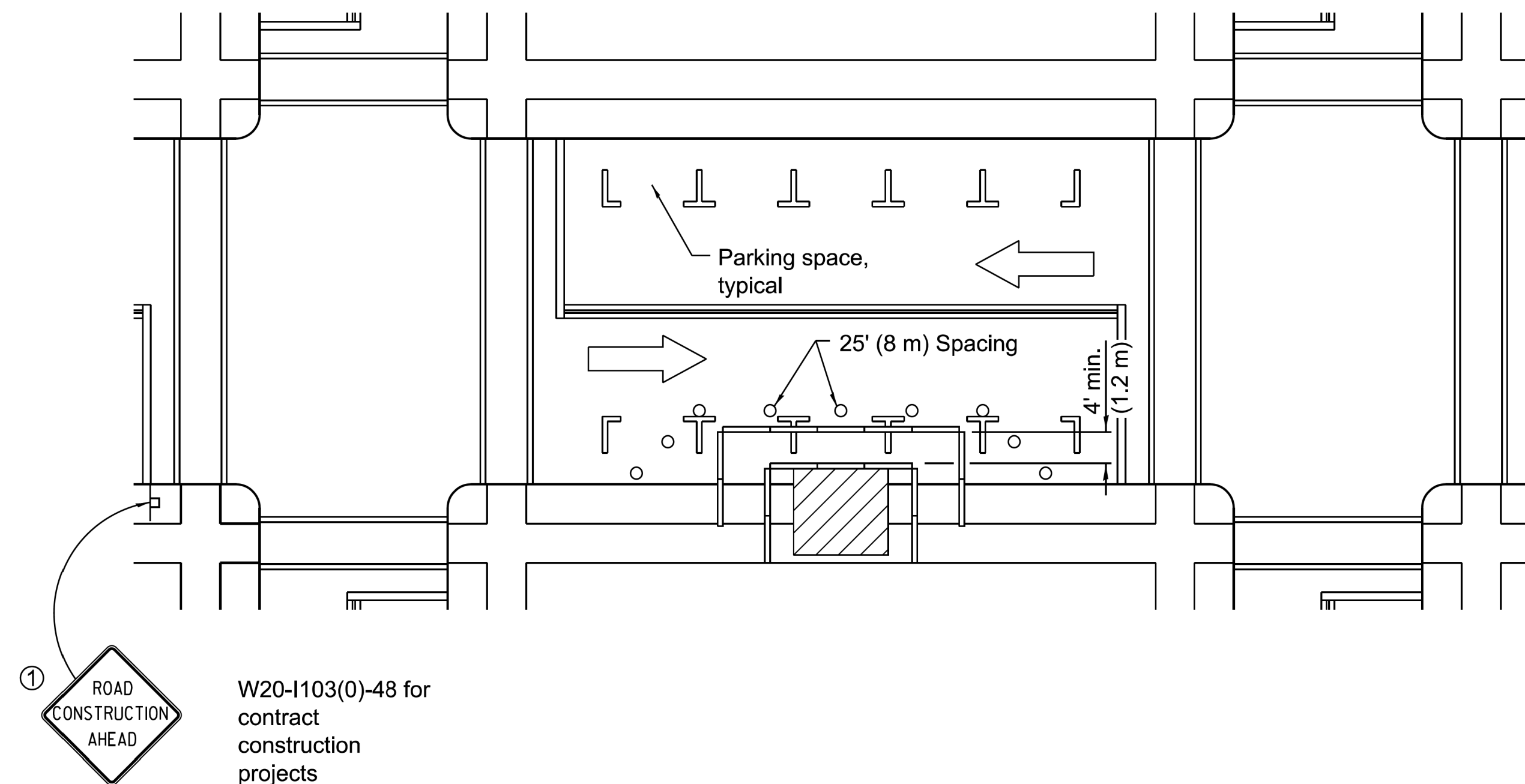
DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE,  
2L, 2W, UNDIVIDED

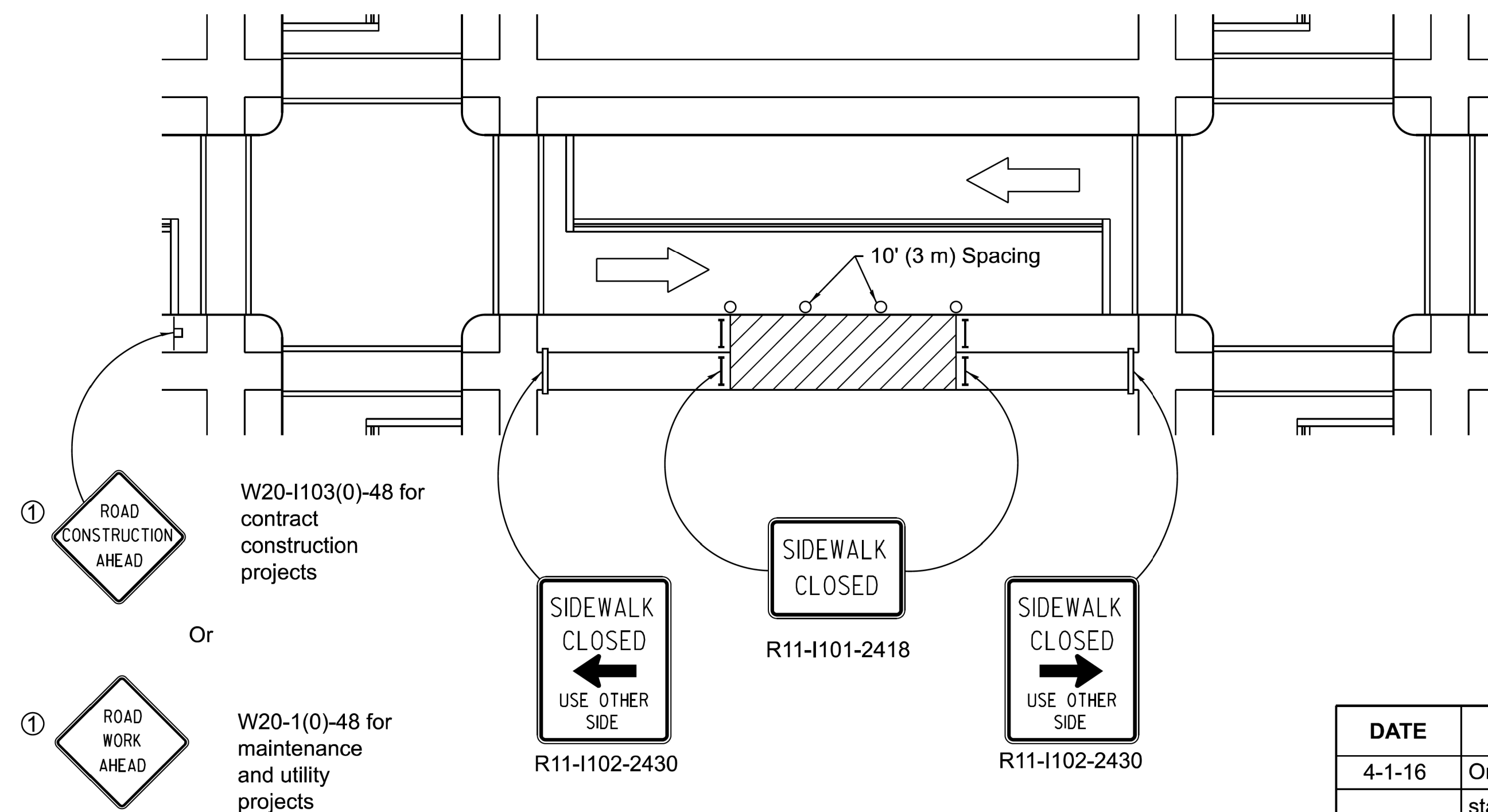
STANDARD 701501-06

MODEL: D:\default  
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CDOT\2022\1112th St. Fairfield to Rockwell\Sheets\22-1112th-st-h-standard-01.dgn











## SIDEWALK DIVERSION



## SIDEWALK CLOSURE

## SYMBOLS

- |   |  |
|---|--|
|  | Work area                                    |
|  | Sign on portable or permanent support        |
|  | Barricade or drum                            |
|  | Cone, drum or barricade                      |
|  | Type III barricade                           |
|  | Detectable pedestrian channelizing barricade |

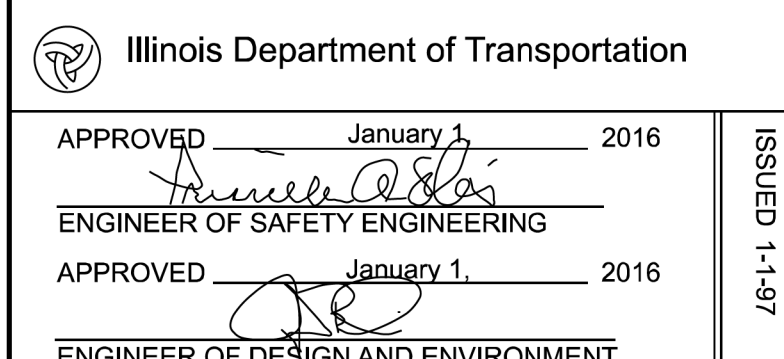
Sign on portable or permanent support

Barricade or drum

Cone, drum or  
barricade

Type III barricade

Detectable pedestrian channelizing barricade



APPROVED January 1, 2016

ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2016

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

USER NAME = mike.thon	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

REVISED	-	
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REVISED	-	
ISSUED FOR BID	-	12/17/2024

CHECKED -	REVISED -
DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

DATE	-	12/13/2024	ISSUED FOR BID	-	12/17/2024
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REVISED	-	
REVISED	-	
REVISED	-	
ISSUED FOR BID	-	12/17/2024

REVISED	-	
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ISSUED FOR BID	-	12/17/2024

REVISED	-	
ISSUED FOR BID	-	12/17/2024

ISSUED FOR BID	-	12/17/2024
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**CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION**

DEPARTMENT OF TRANSPORTATION

## IDOT HIGHWAY STANDARDS

SCALE:	SHEET 2	OF 18 SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	35
		CONTRACT NO. C1617		
	ILLINOIS	FED. AID PROJECT		

	SHEETS	NO
BOOK	51	35

CONTRACT NO. C1617

ILLINOIS	FED. AID PROJECT
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## GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

## SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

**STANDARD 701801-06**



MODEL: D:\p\chgo\CDOT\738719 WPA Streets\Project\50 Design\CDOT\2022\1112th St Fairfield to Rockwell\Sheets\22-1112th-st-h-standard-03.dgn  
FILE NAME: 22-1112th-st-h-standard-03.dgn

Illinois Department of Transportation	
APPROVED January 1, 2016 <i>[Signature]</i> ENGINEER OF SAFETY ENGINEERING	ISSUED 1-1-97
APPROVED January 1, 2016 <i>[Signature]</i> ENGINEER OF DESIGN AND ENVIRONMENT	

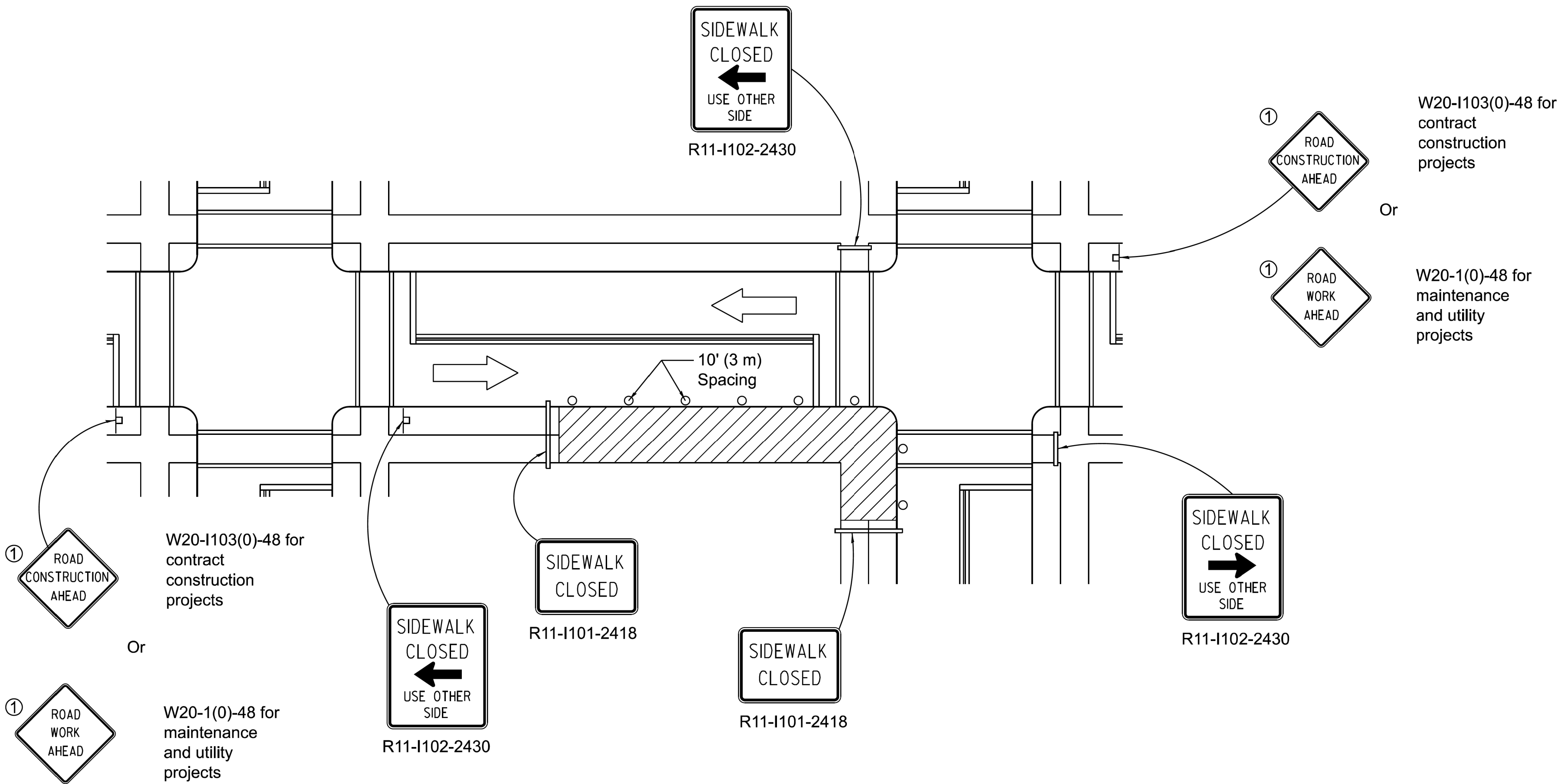
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PLOT DATE	= 12/13/2024	DATE	= 12/13/2024	ISSUED FOR BID	= 12/17/2024

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

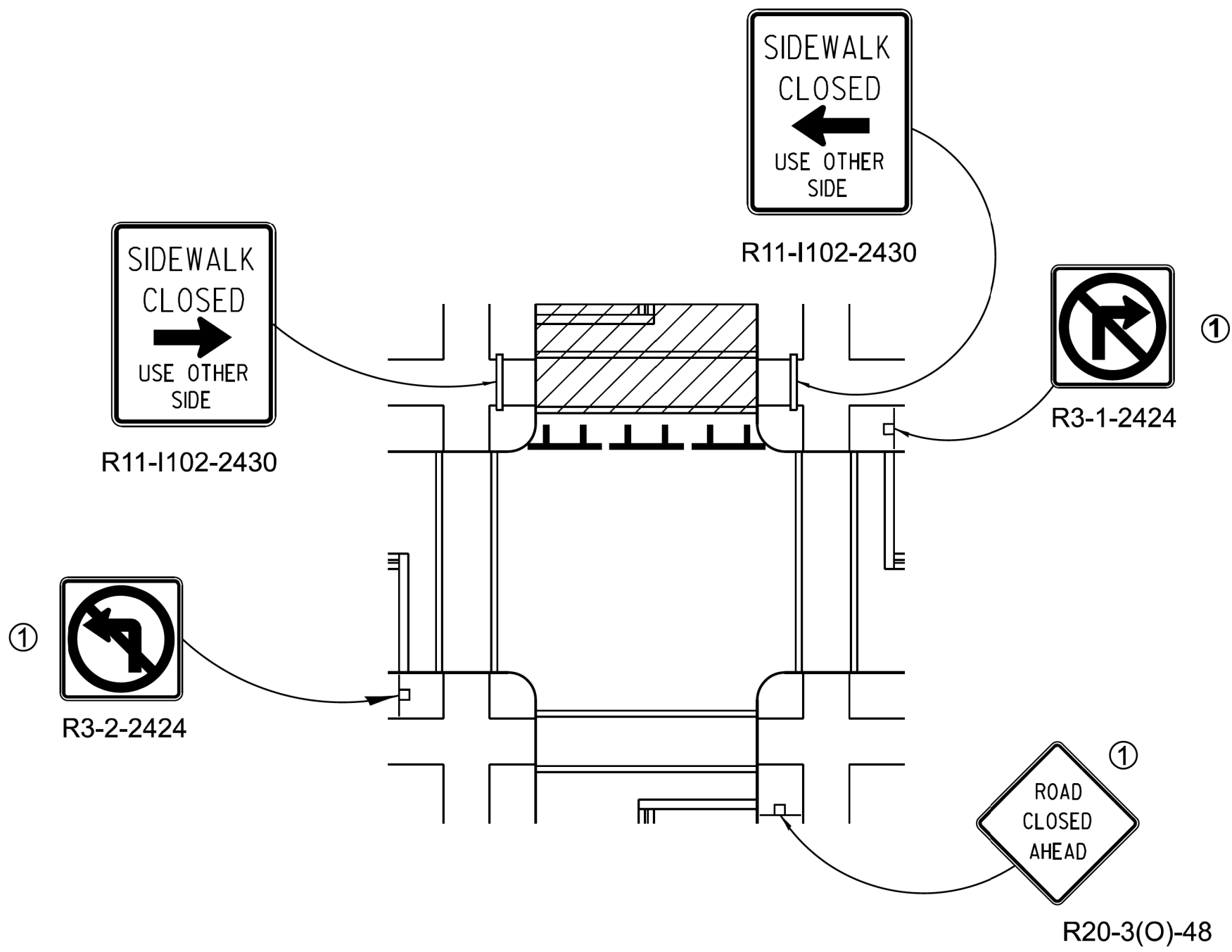
IDOT HIGHWAY STANDARDS

SCALE: SHEET 3 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	36
CONTRACT NO. C1617				
ILLINOIS FED. AID PROJECT				



CORNER CLOSURE



CROSSWALK CLOSURE

SIDEWALK, CORNER OR  
CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

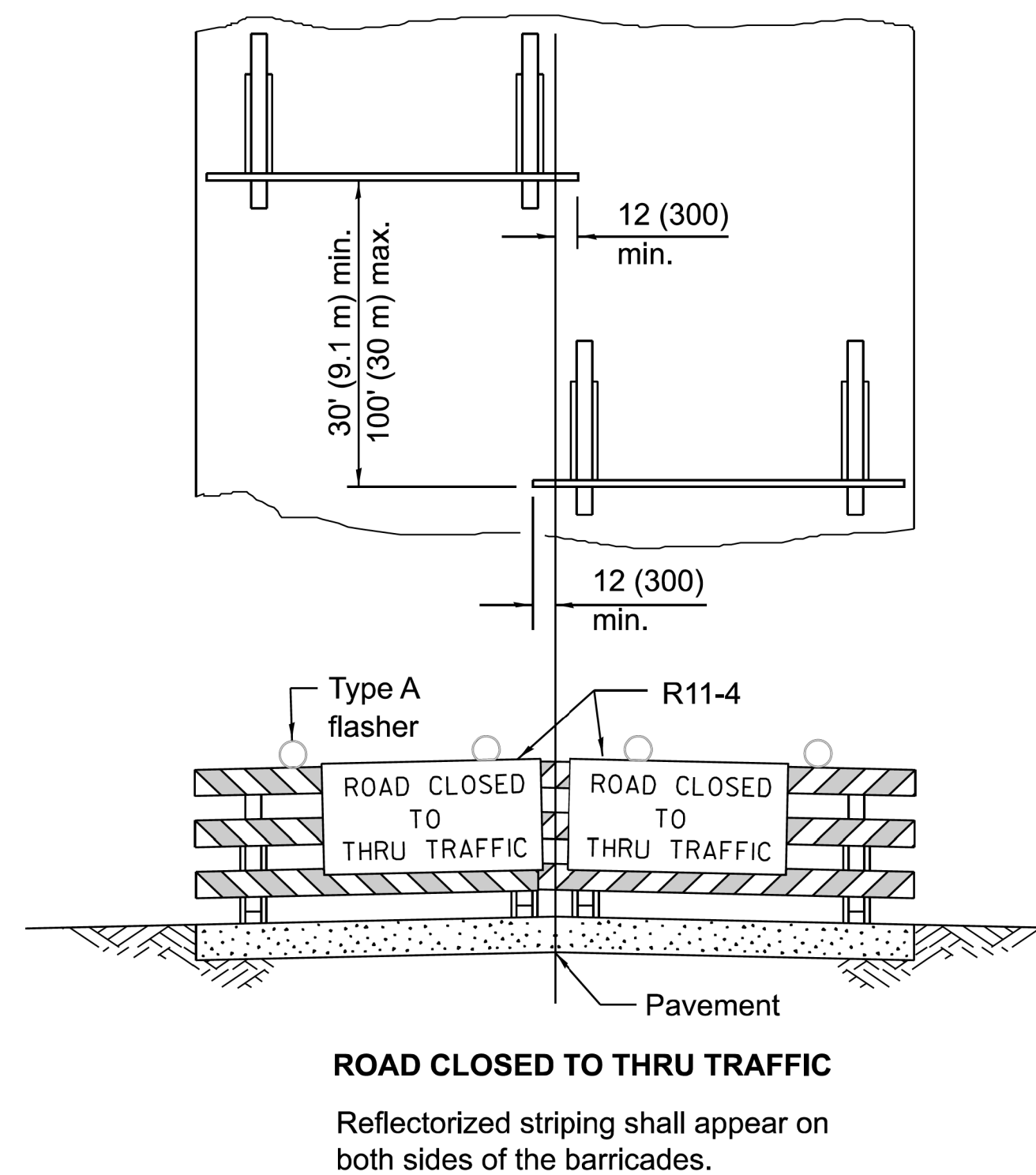
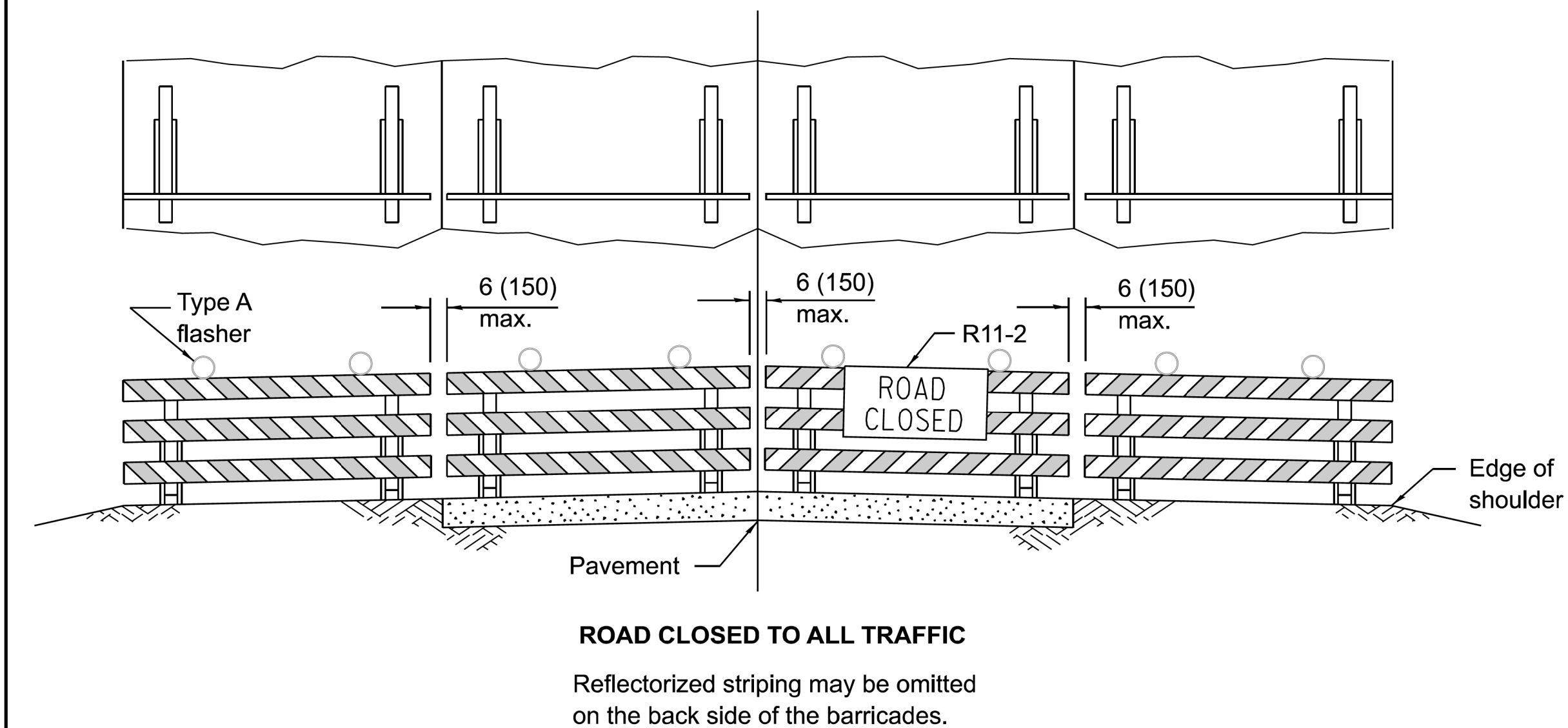
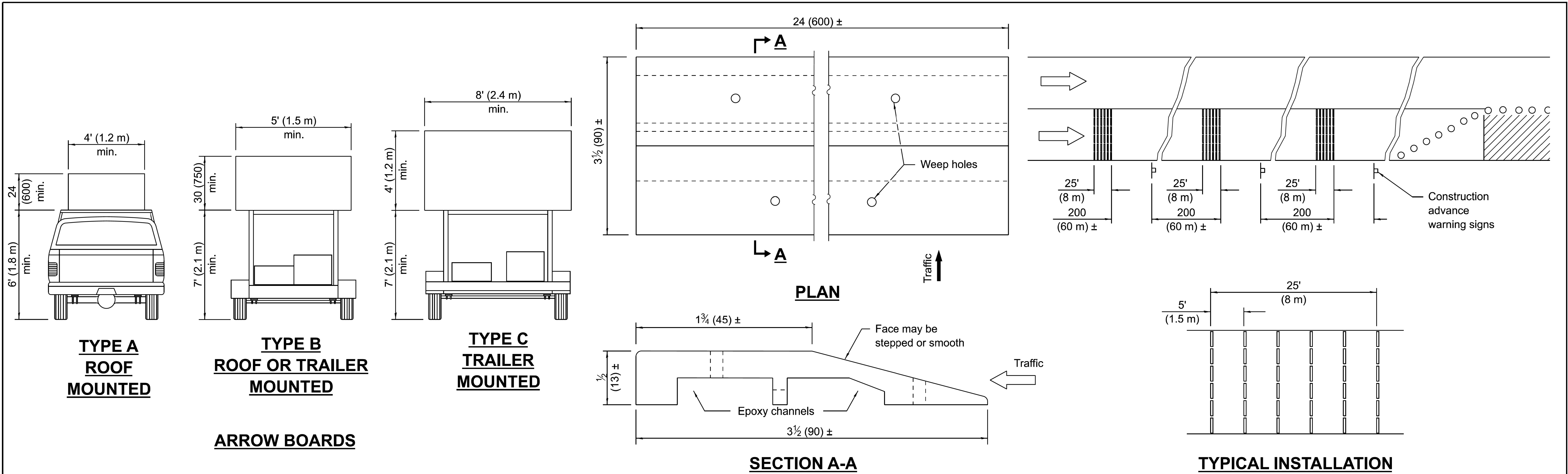












Illinois Department of Transportation	
APPROVED January 1, 2024	ISSUED 1-1-13
ENGINEER OF SAFETY PROGRAM AND ENGINEERING	
APPROVED January 1, 2024	
ENGINEER OF DESIGN AND ENVIRONMENT	

### TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

### TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-09

MODEL: D:\default  
FILE NAME: 21118-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CAD\2022\1112th St Fairfield to Rockwell\Sheets\22-1112th-st-h-standard-06.dgn



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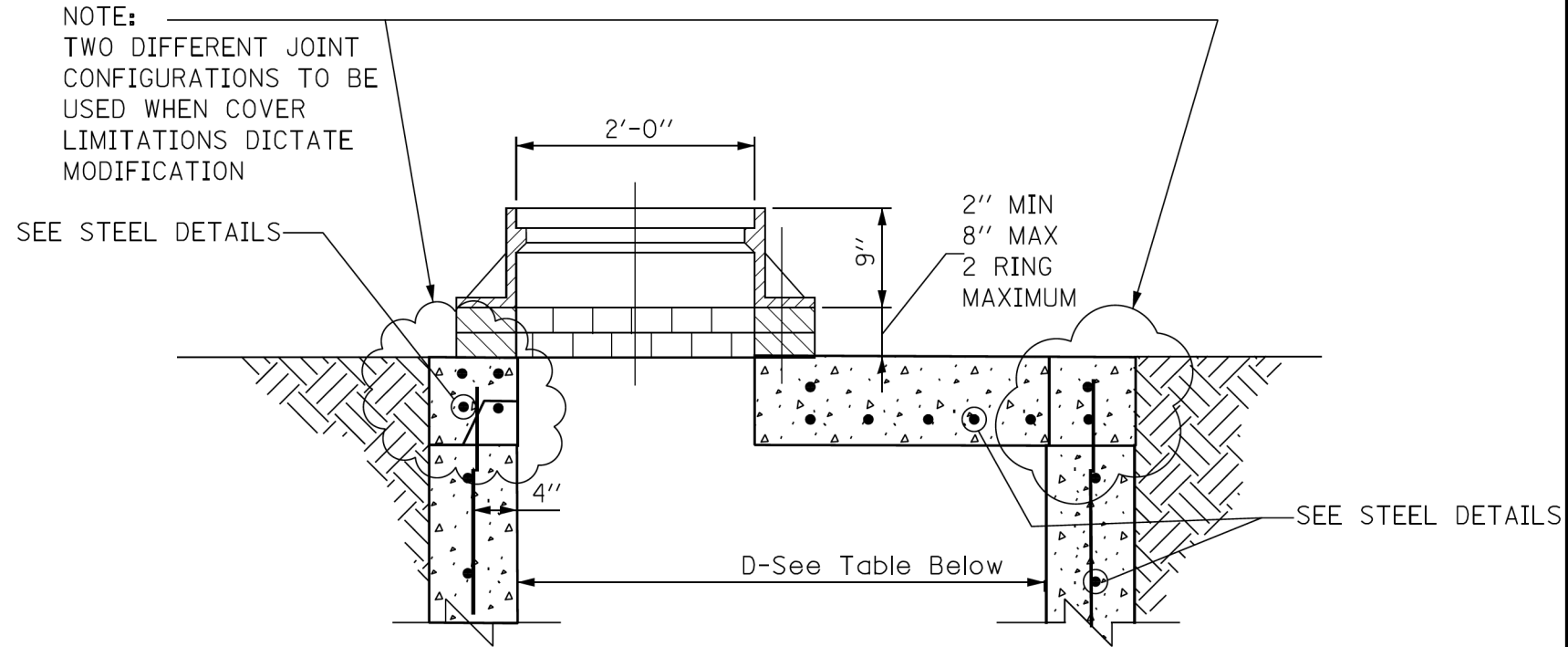
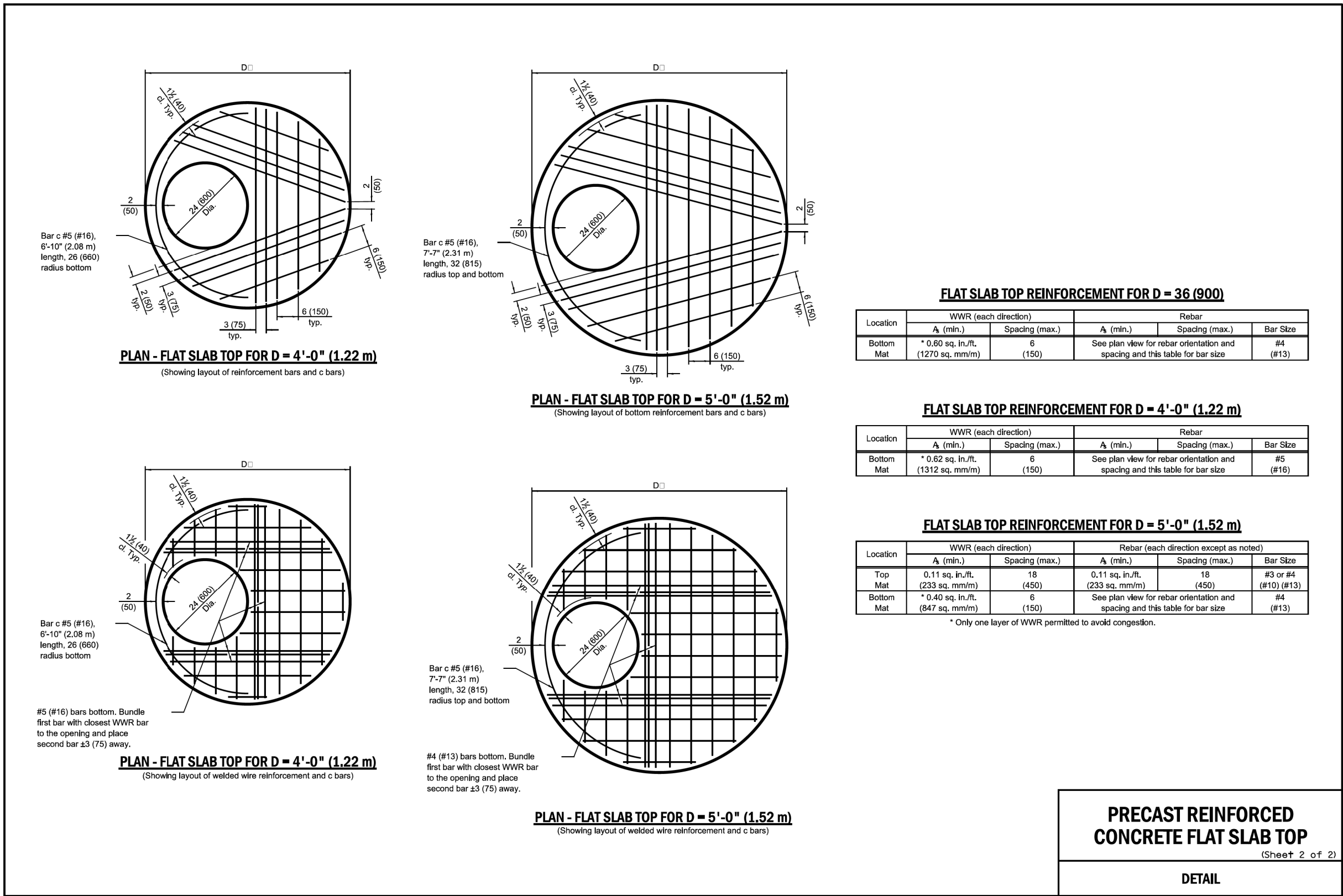
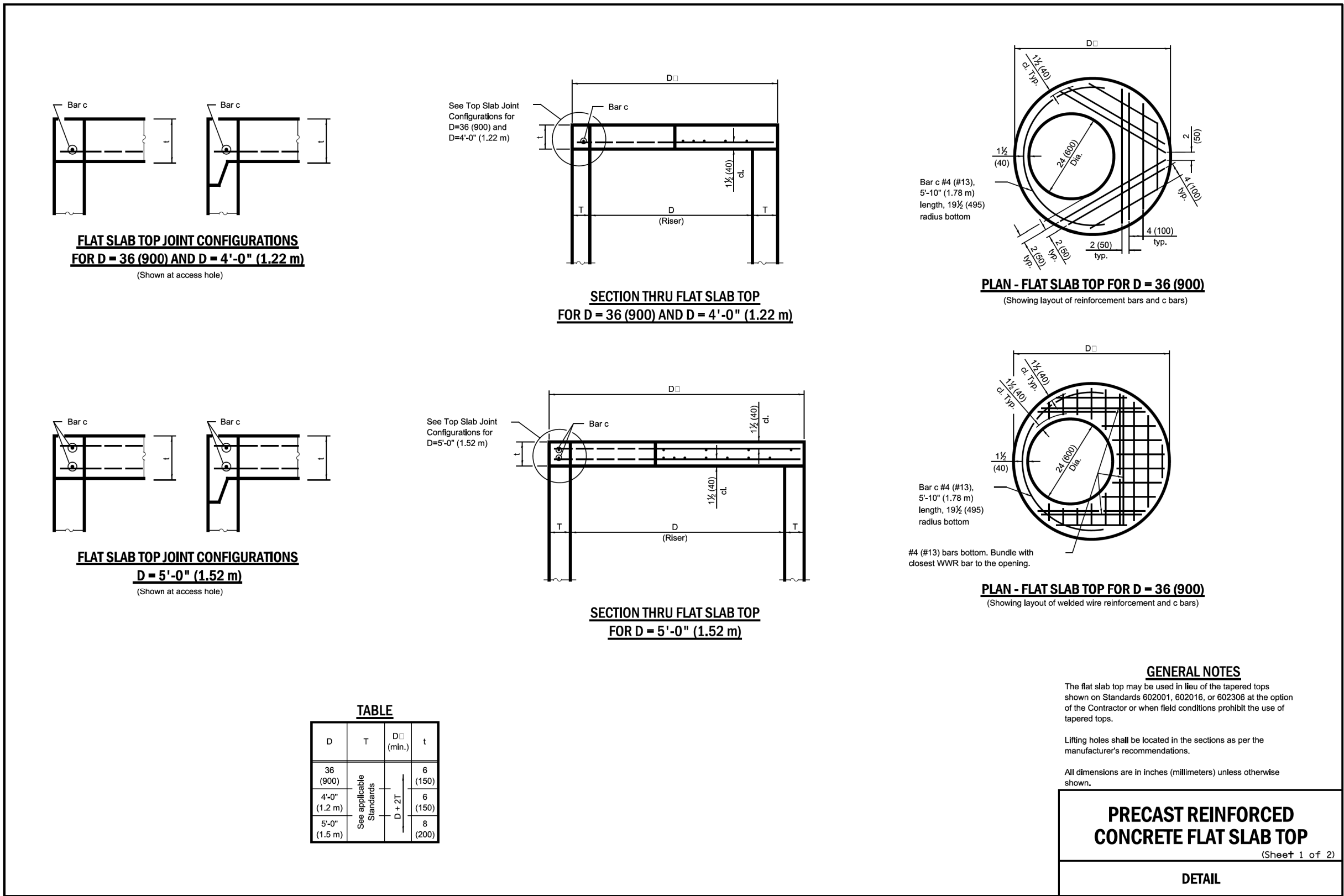
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CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN DESIGNED CHECKED REVIEWED	SHEET NO. A.20
DATE	DESCRIPTION					
4/22/21	APPROVED PLAN	30		FLAT TOP SLAB DETAILS	OF	PN
		60				
		75				
		90				
		100				
		BULLETIN				

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	40
		CONTRACT NO. C1617		
		ILLINOIS	FED. AID PROJECT	



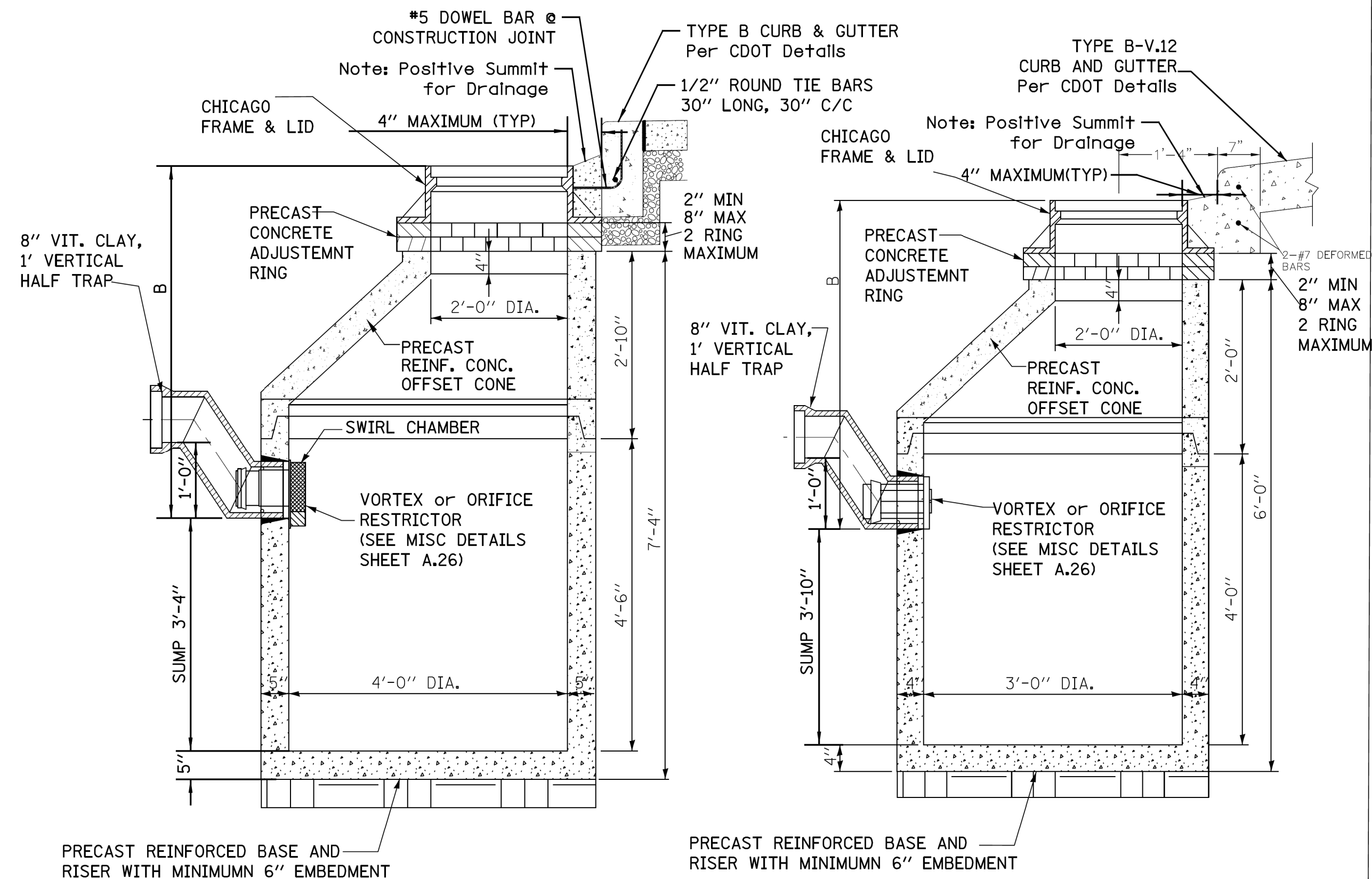
STANDARD FLAT TOP SLAB  
FOR CATCH BASINS







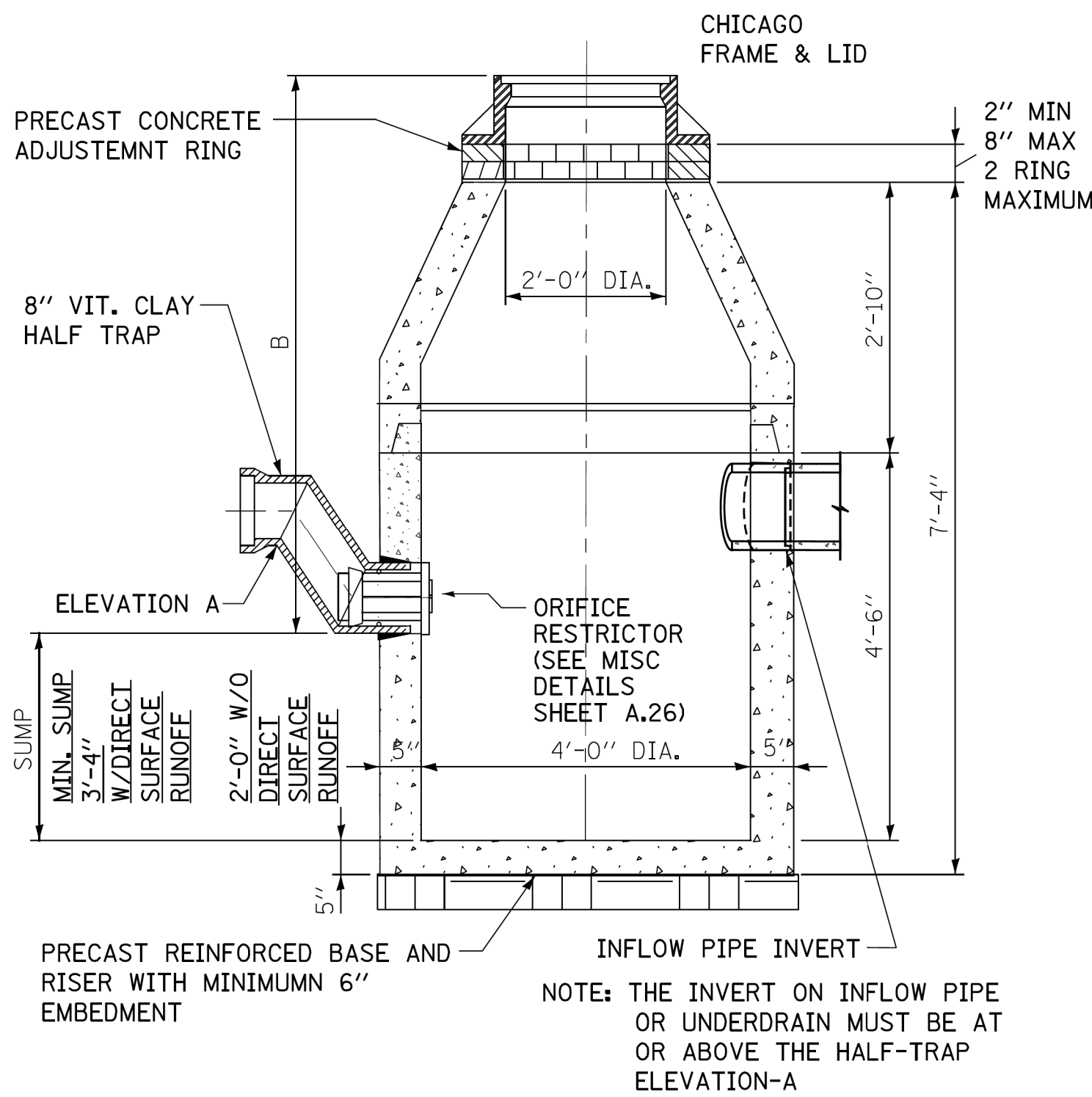
STANDARD DRAINAGE STRUCTURES  
FOR PUBLIC STREETS



STANDARD CATCH BASIN-4' DIA.

STANDARD CATCH BASIN-3' DIA.

STANDARD DRAINAGE STRUCTURES  
FOR PUBLIC ALLEYS

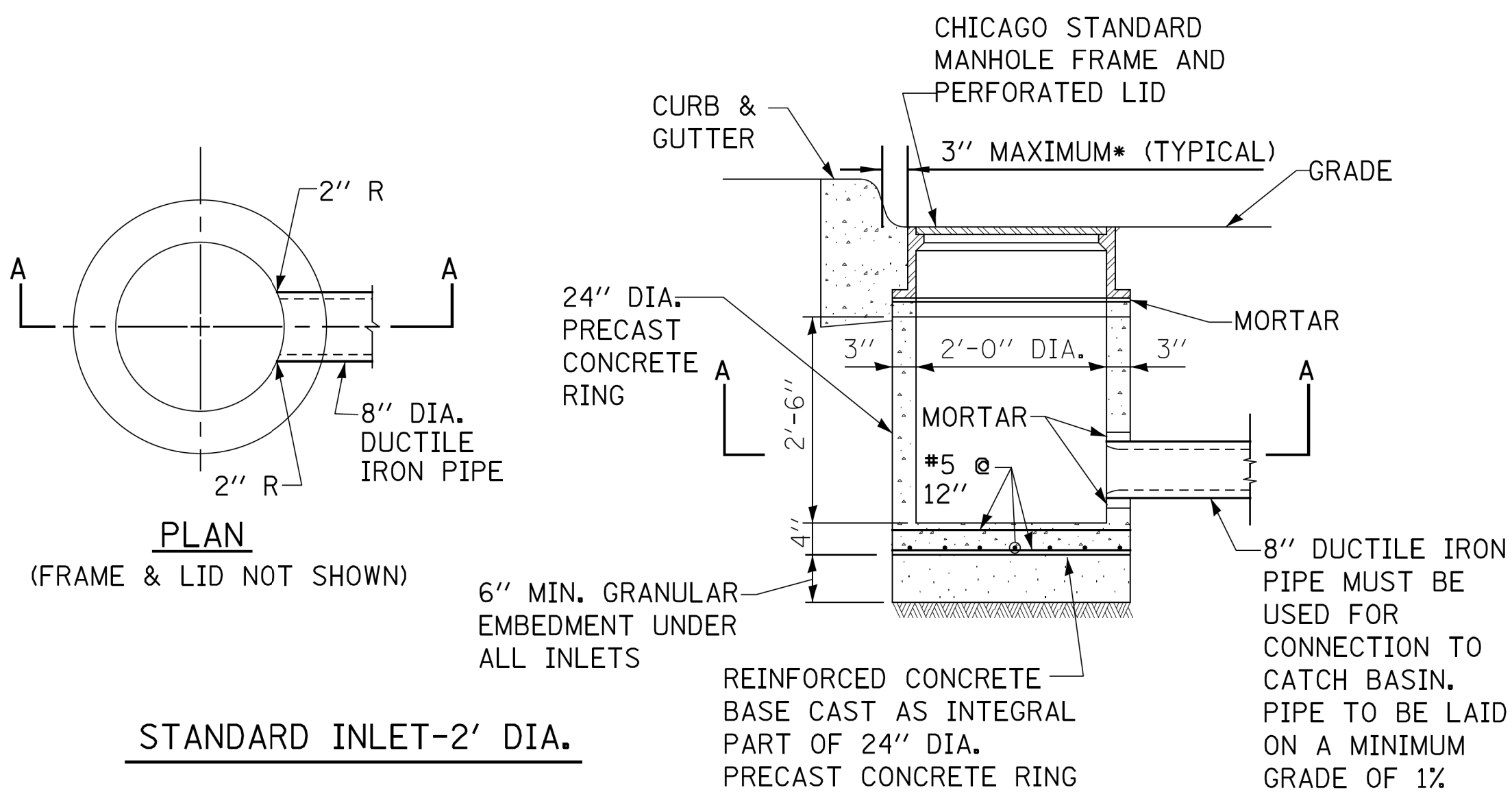


CATCH BASIN-ORIFICE RESTRICTOR

N.T.S.

GENERAL NOTES:

- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
- IF B < 4 FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
- FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
- FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
- FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
- INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF THE DEPT. OF WATER MANAGEMENT- ENGINEERING SERVICES, SEWER SECTION, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
- IF COVER OVER VCP IS LESS THAN 3', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS



STANDARD INLET-2' DIA.

STANDARD REVISIONS	
DATE	DESCRIPTION
2/5/21	APPROVED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	
DRAINAGE STRUCTURE DETAILS	

DRAWN: <u>SWW</u>	A.22
CHECKED: <u> </u>	
REVIEWED: <u> </u>	OF <u> </u>
PN <u> </u>	

USER NAME = mike.thon	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 12/13/2024	DATE - 12/13/2024	ISSUED FOR BID - 12/17/2024

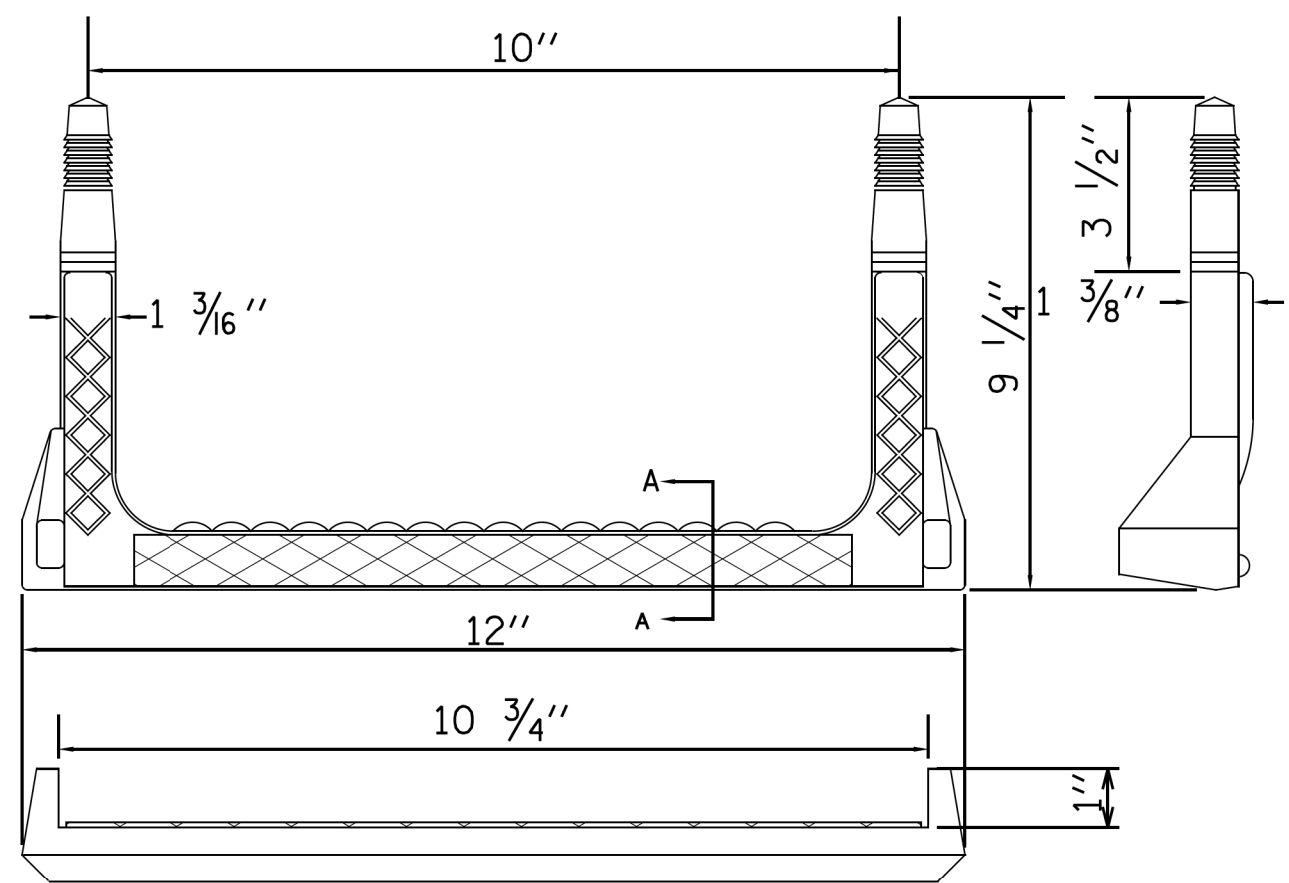
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

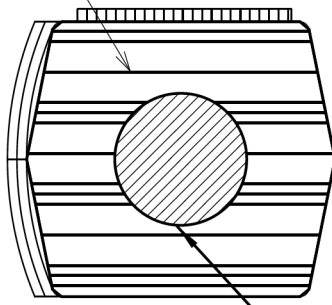
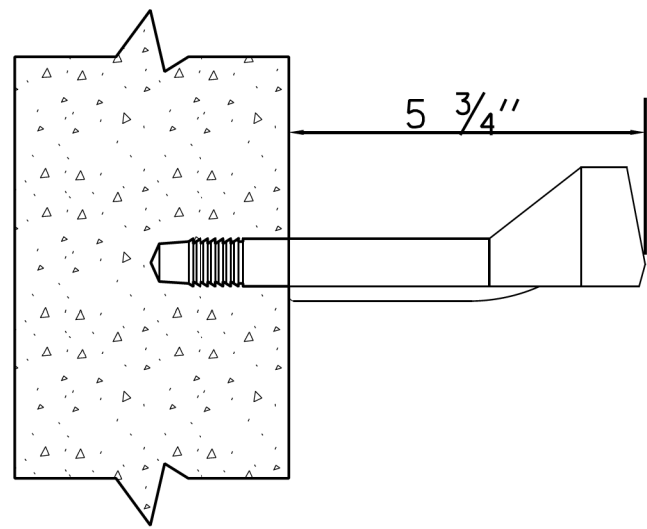
SCALE: SHEET 9 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
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		CONTRACT NO. C1617	42
		ILLINOIS	FED. AID PROJECT





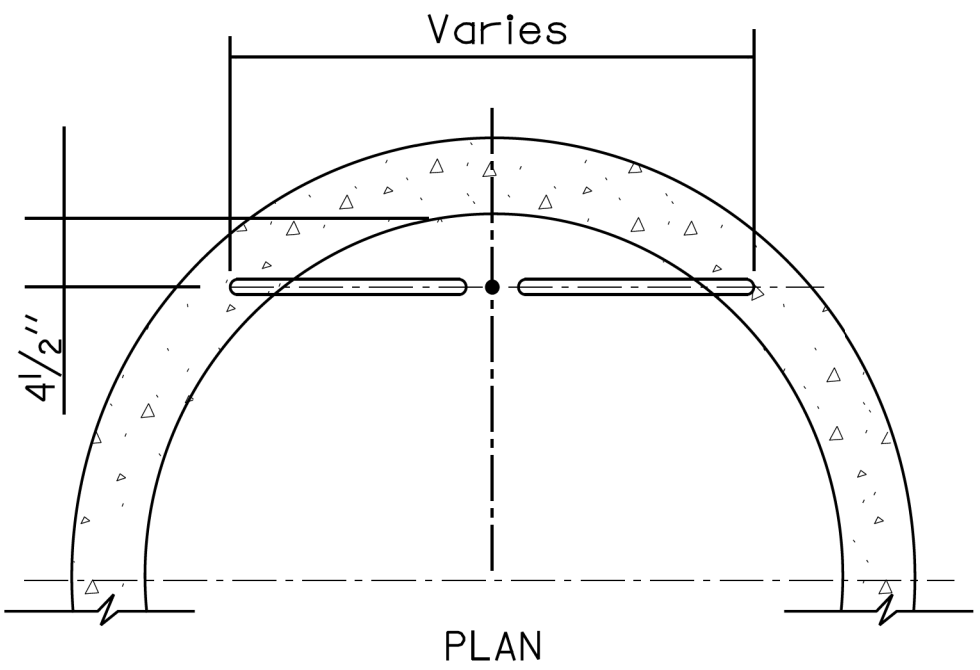
COPOLYMER POLYPROPYLENE PLASTIC



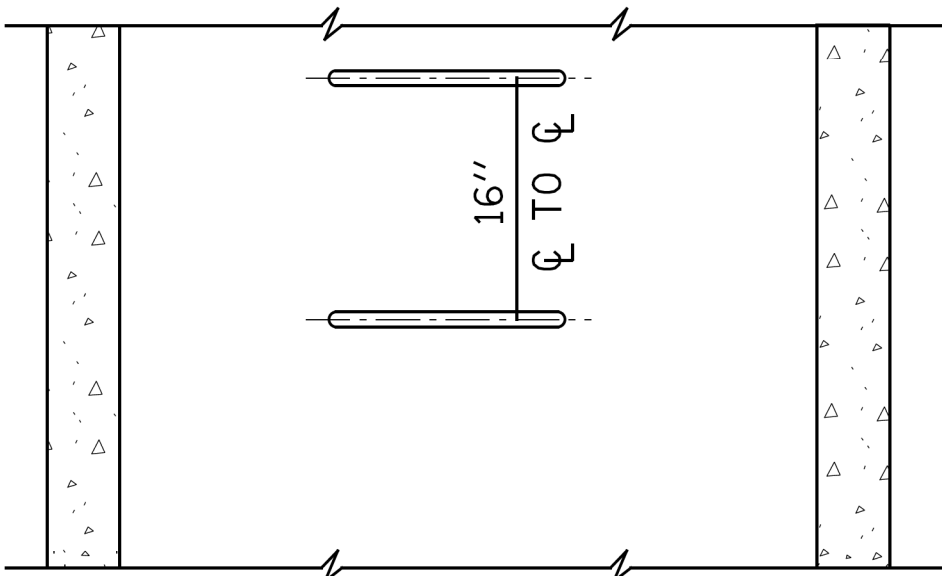
SECTION-A

RECTANGULAR STEP LADDER RUNG

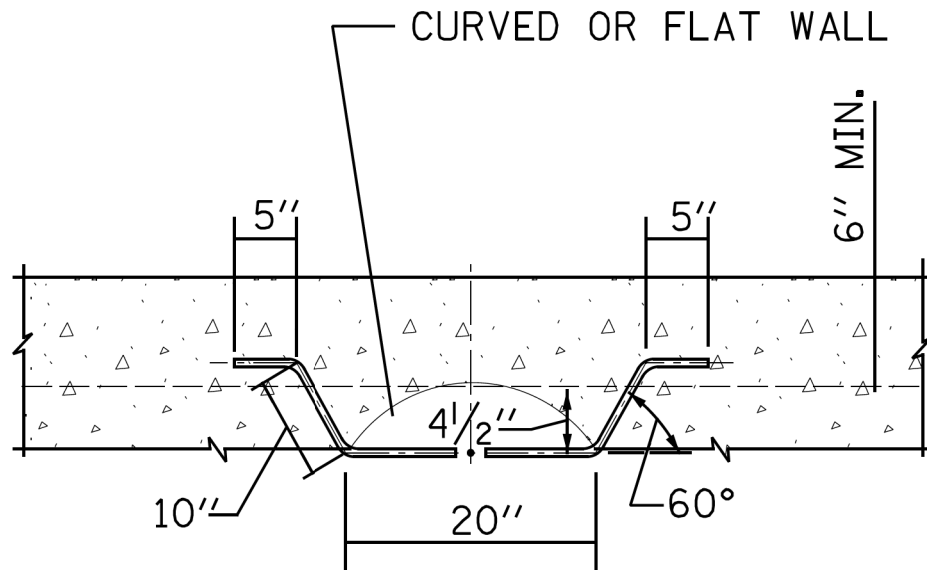
FOR USE ONLY IN 48" DIAMETER  
AND LARGER MANHOLES.



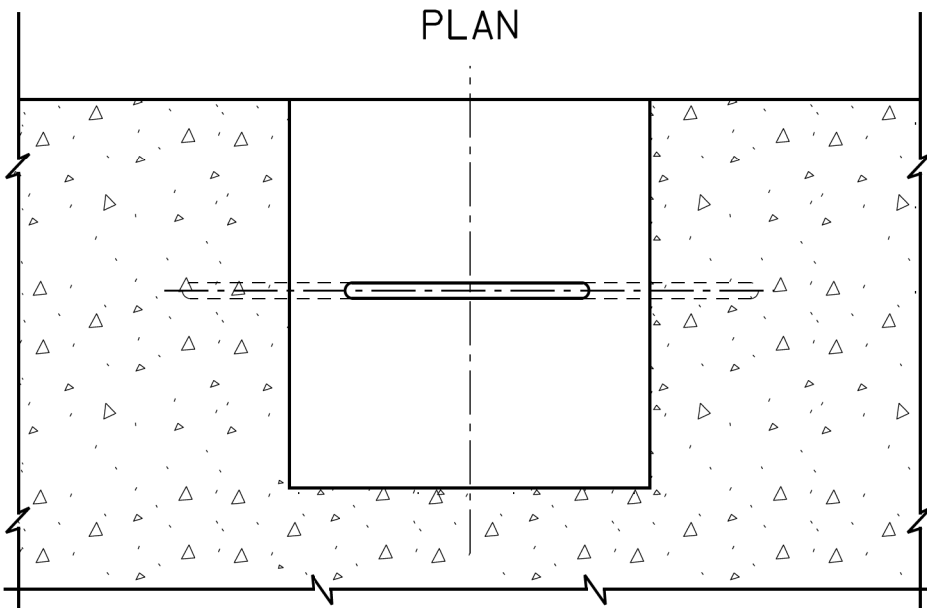
PLAN



ELEVATION  
TYPE X  
RISER



PLAN



ELEVATION  
TYPE Y  
BASE

NOTES:

1. VERTICAL SPACING = 16" O.C., ON VERTICAL WALL ONLY.
2. STEPS SHALL MEET THE REQUIREMENTS OF ASTM C478 IN ADDITION TO A HORIZONTAL PULL-OUT LOAD OF 1000 LBS. WHEN INSTALLED.
3. ALL STEPS SHALL BE VERTICALLY ALIGNED IN A STRAIGHT LINE.
4. MINIMUM CONCRETE STRENGTH MUST BE 3000 PSI
5. HOLES- PREFORMED/DRILLED
  - A. HOLES MUST BE PARALLEL
  - B. HOLES MUST BE 10" CENTERED, 1" DIAMETER
  - C. MINIMUM DEPTH- 3 1/2" TO 3 3/4"

#FILE#  
#DATE#

STANDARD REVISIONS	
DATE	DESCRIPTION
5/8/17	APPROVED PLAN

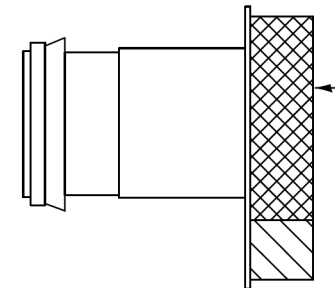
PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN DESIGNED CHECKED REVIEWED	SRW A.24
30		LADDER RUNGS			
60					
75					
90					
100					
BULLETIN					

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INSERT THE RESTRICTOR INTO THE HALF-TRAP. UPON TIGHTENING OF THE CENTER NUT ON THE FACE OF THE RESTRICTOR, THE RUBBER O-RINGS WILL EXPAND INSIDE THE HALF TRAP, PROVIDING A WATER- TIGHT SEAL. PULL ON RESTRICTOR TO VERIFY THAT A TIGHT FIT IS MADE.



PULL ON RESTRICTOR TO VERIFY THAT A TIGHT FIT IS MADE.

A cross-sectional diagram of a trench and manhole assembly. The diagram shows a trench with a rounded bottom and a manhole structure. The trench is filled with 'TRENCH BACKFILL' (indicated by diagonal hatching). The manhole structure consists of a 'Granular Embedment' (indicated by a stippled pattern) and a 'Stabilization Stone (If req'd)' (indicated by a pattern of larger circles). The trench is situated on a 'SUBGRADE' (indicated by a horizontal line at the top). Dimensions are provided: 'TRENCH BACKFILL' height, '6" MIN 18" MAX' for the granular embedment thickness, and '6" MIN.' for the stabilization stone thickness. A '12" TYP.' dimension is also shown for the total trench depth.

1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.

3. INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM FIELD INSPECTOR.

THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

THE RESTRICTORS CAN BE OBTAINED FROM DWM  
CENTRAL DISTRICT AT 3901 S. ASHLAND AVE. THE  
CONTRACTOR SHOULD ARRANGE FOR PICK UP BY  
CONTACTING 312-747-8736 (7AM TO 3PM, M-F).  
CONTRACTOR MUST CALL 48 HOURS  
IN ADVANCE OF PICK UP DATE AND TIME.

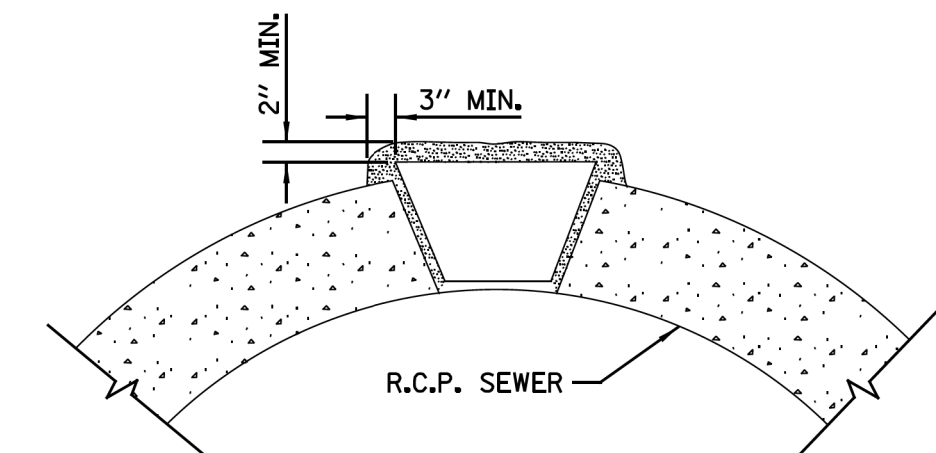
- \*ARTERIAL STREETS: 3-INCH ORIFICE RESTRICTOR
- \*BUS ROUTES: 3-INCH ORIFICE RESTRICTOR
- \*RESIDENTIAL STREETS: 3-INCH VORTEX RESTRICTOR
- \*ALLEYS: 3-INCH ORIFICE RESTRICTOR IN THE LAST CB.
- \*CLOSED LIDS ARE REQUIRED ON ALL MANHOLES EXCEPT AT INTERSECTIONS WHERE A PERFORATED LID SHALL BE USED.

1. FOR TRENCH BACKFILL, REFER TO IDOT  
SSRBC, ARTICLE  
1003.04.

3. FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.

# SEWER TRENCH DETAIL

NOTE:  
PLUG TO BE COATED WITH MORTAR AND  
DRIVEN INTO PLACE WITH A WOODEN  
MALLET AND THEN SEALED WITH MORTAR.



NOTE:  
1. ALL PLUG MATERIALS MUST COMPLY WITH  
1042.16 OF THE IDOT SSRBC.

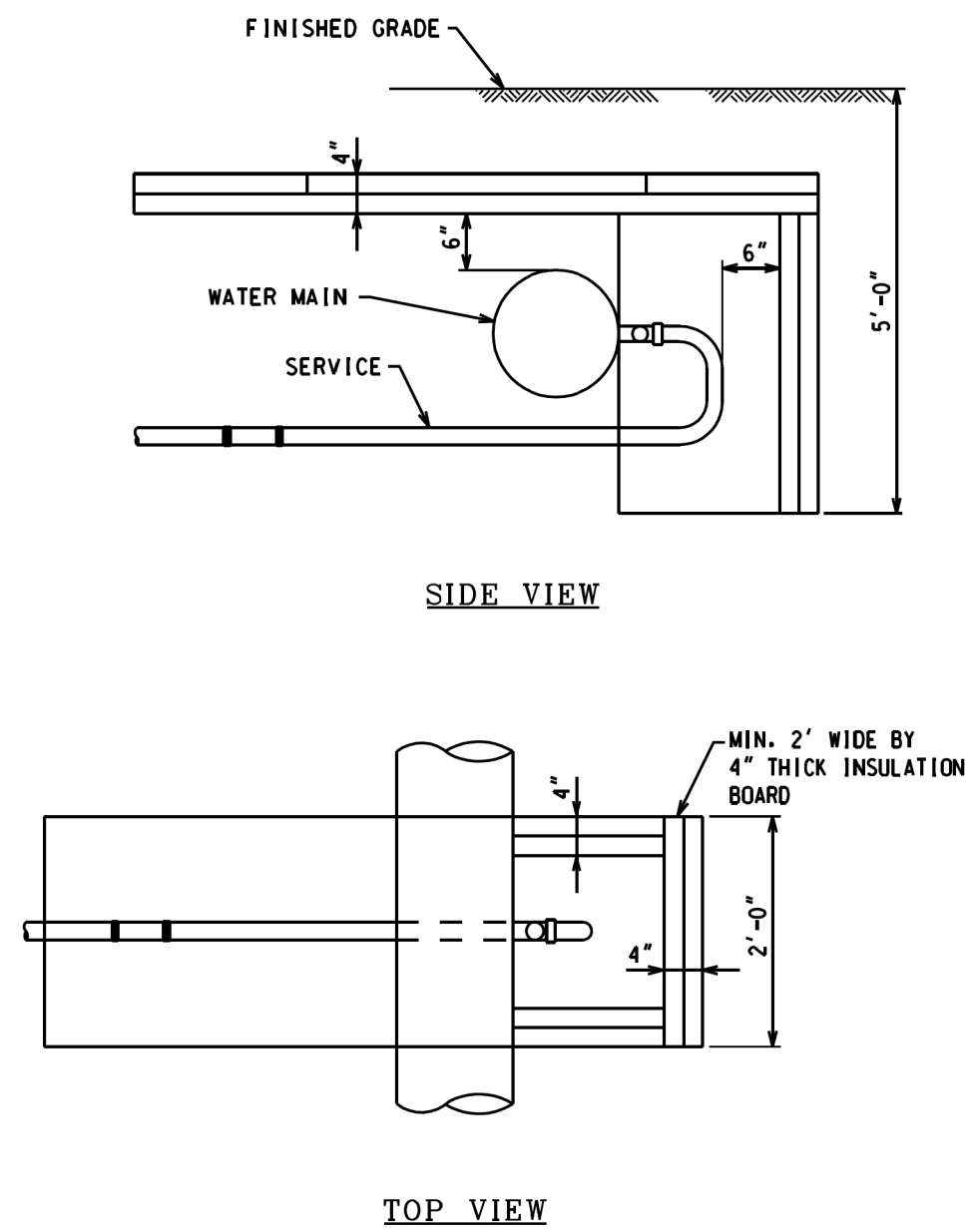
2. LIFT HOLES ON COMBINED SEWERS ARE PROHIBITED WHEN THE WATER TABLE IS WITHIN 2 FEET OF THE PIPE INVERT, OR IF THE PIPE IS FULLY SUBMERGED UNDER NORMAL CONDITIONS.

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$FILE$
$DATE$
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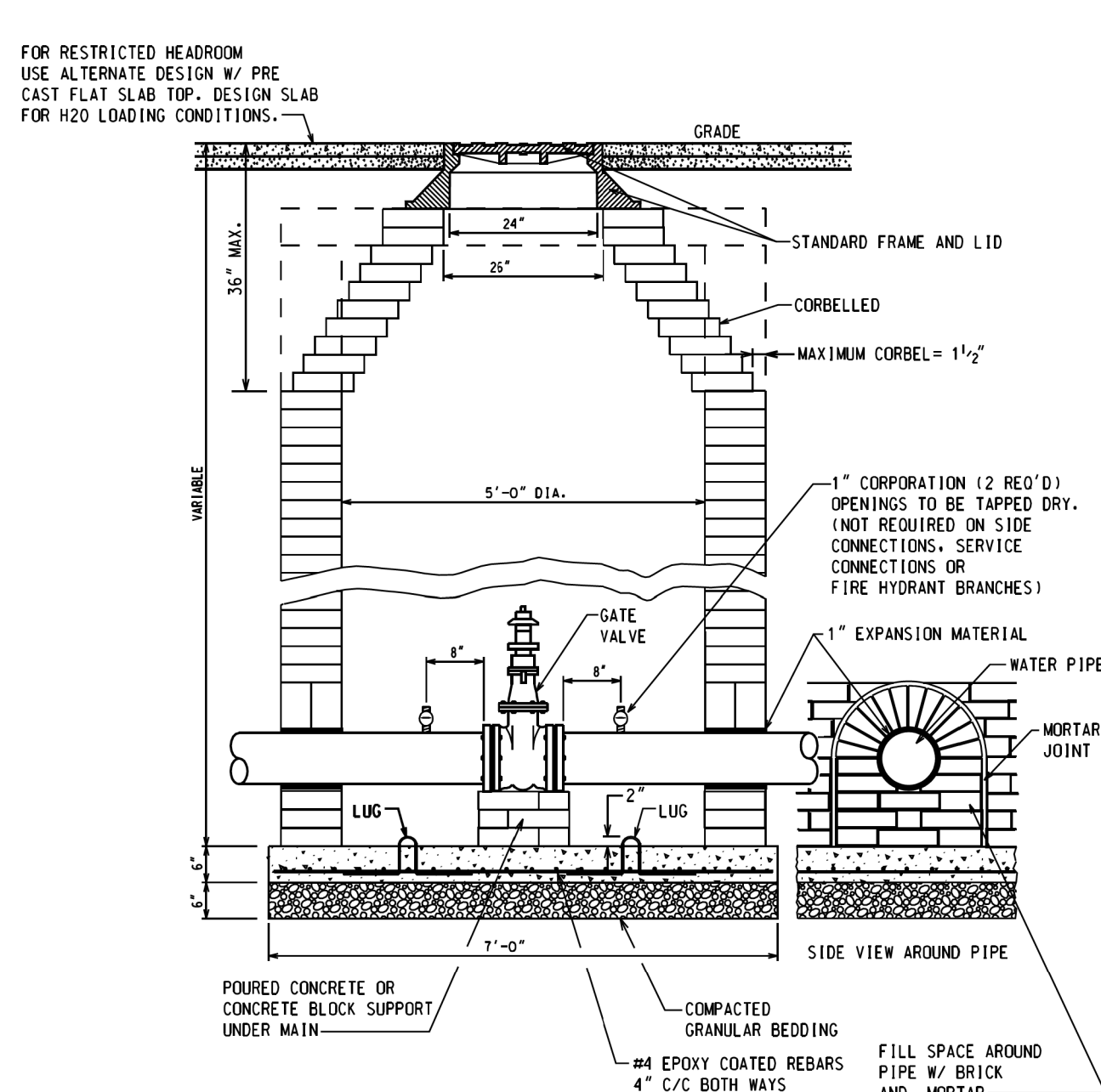




SERVICE PIPE INSULATION DETAILS

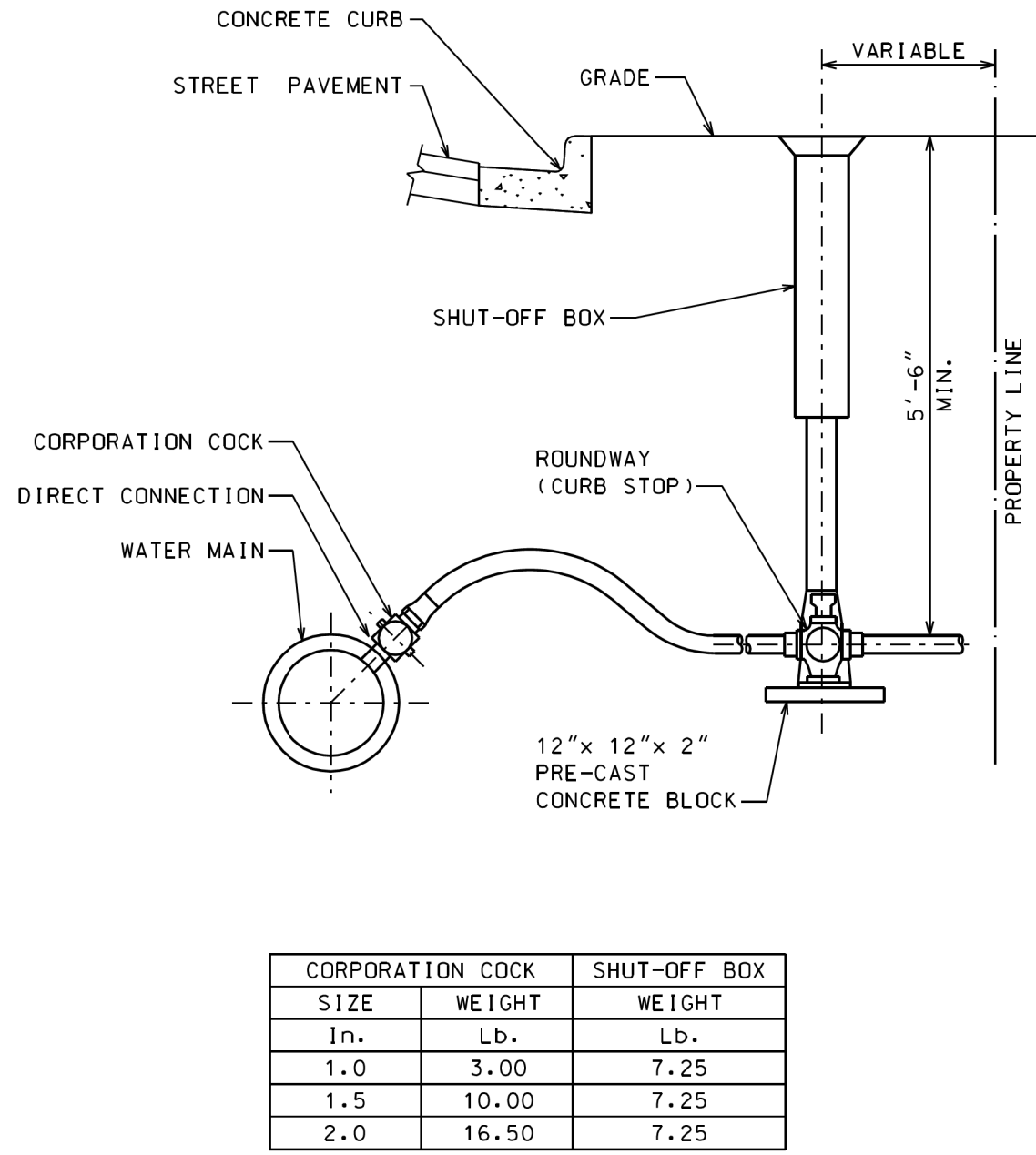
- NOTES:
1. BACK FILL MATERIAL AROUND INSULATION SHALL BE FINE SAND (FAT), FREE FROM ROOTS, ORGANIC MATTER, LEAVES OR OTHER INJURIOUS MATERIALS.
  2. OVERLAP ALL INSULATION BOARD JOINTS.
  3. INSULATION BOARD TO BE CLOSED CELL, EXTRUDED POLYSTYRENE FOAM MEETING ASTM 578, TYPE VII, 40 PSI COMPRESSING STRENGTH (ASTM D1621) 0.1% MAX. WATER ABSORPTION (ASTM C272).

REV:04.07 SERVICE PIPE INSULATION DETAILS D-31

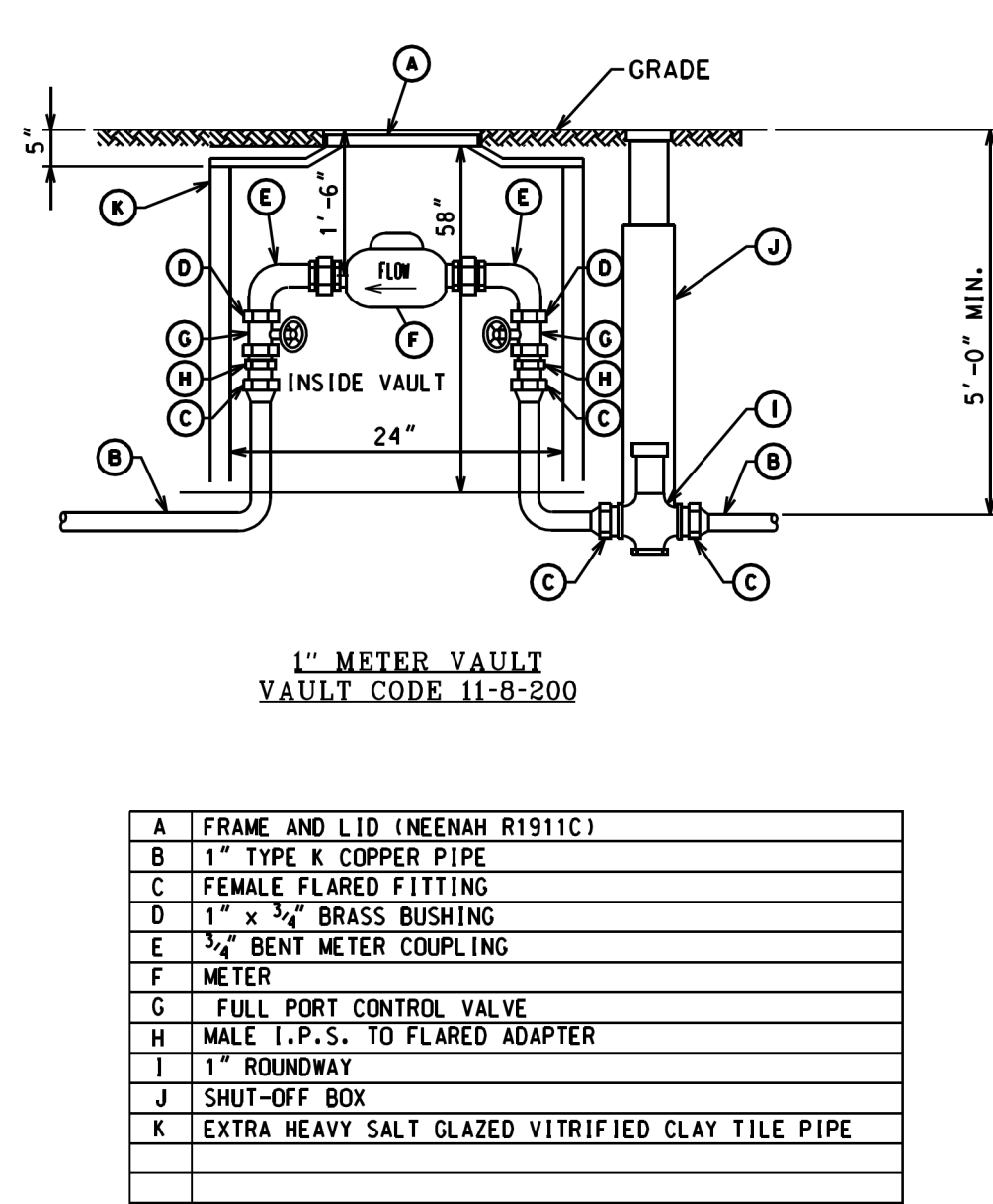


- NOTES:
1. PROVIDE 6" THICK COMPACTED CA-16 BEDDING
  2. USE PRECAST CONCRETE BASE OR PROVIDE 6" (MIN.) THICK CONCRETE BASE POURED IN PLACE WITH #4 EPOXY COATED REBARS 4" C/C BOTH WAYS.
  3. CUT LIFTING LUGS AFTER PLACING THE PRE-CAST SLAB IN POSITION.
  4. ALL JOINTS AND BRICK MASONRY SHALL BE PLASTERED INSIDE AND OUTSIDE WITH 1:2 CEMENT MORTAR.
  5. PRECAST CONCRETE TOP SLAB TO BE USED WHERE HEAD ROOM IS RESTRICTED.

REV:04.07 BRICK MASONRY VALVE BASIN D-14



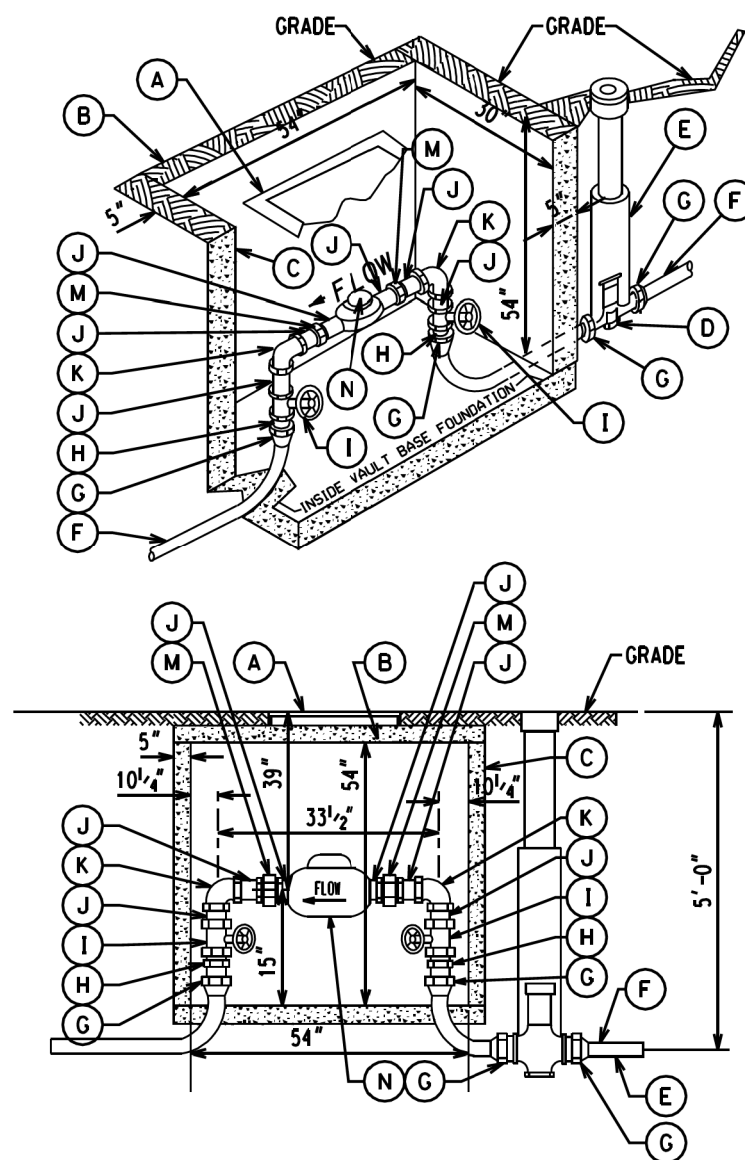
REV:04.07 TYPICAL 1" TO 2" WATER SERVICE D-16



NOTE:  
1 1/2" AND 2" METER VAULT CALL FOR 39" COVER. SEE NEXT PAGE.

NEW COPPER 1" WATER SERVICE STANDARD METER VAULT

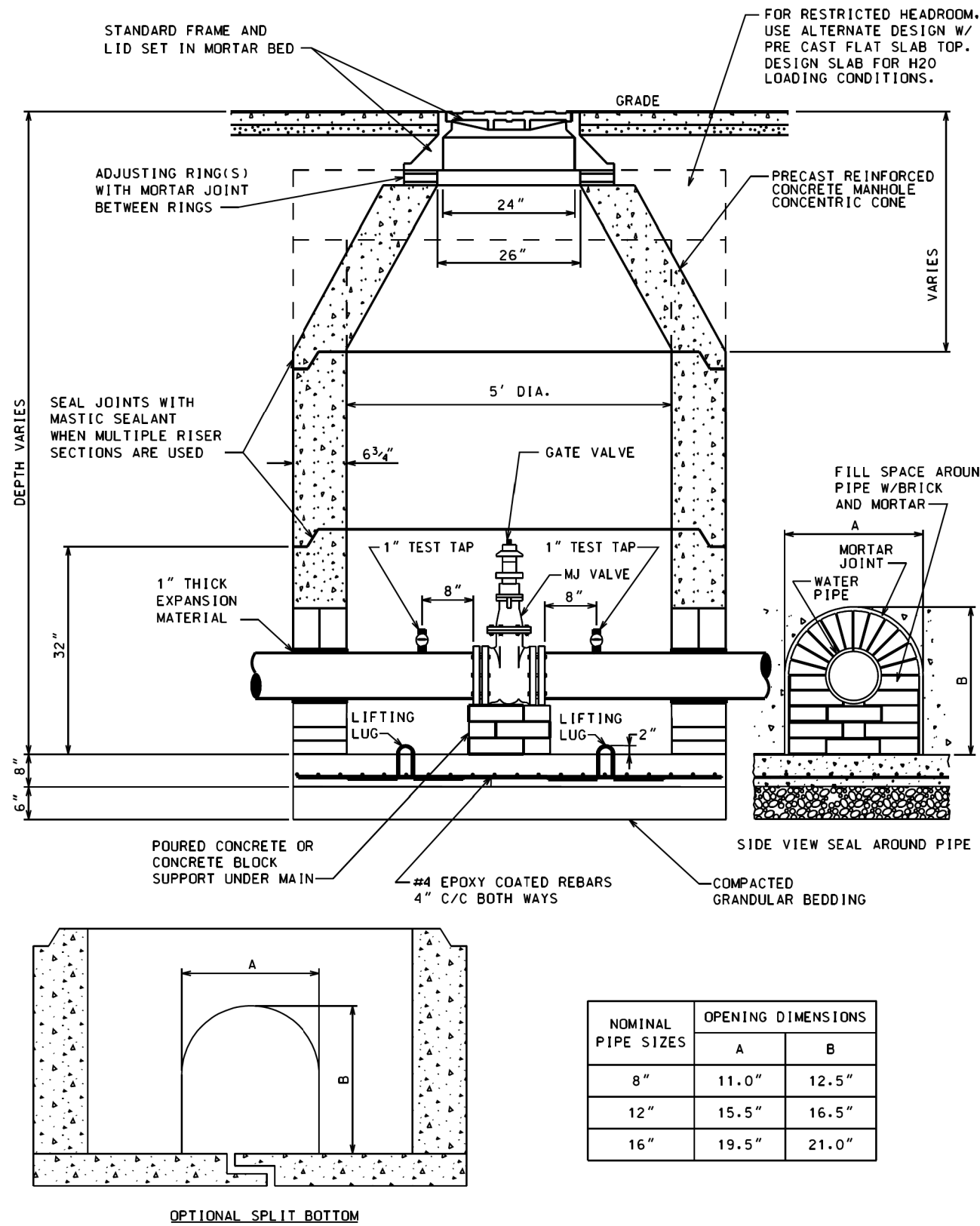
REV:04.07 D-23



A	COVER 25 1/4" x 25 1/4" (NEENAH, R6662JP OR EQUAL) CENTERED OVER METER
B	PRECAST CONCRETE TOP
C	SOLID CONCRETE BLOCK OR PRECAST CONCRETE
D	ROUNDWAY
E	SHUT-OFF BOX
F	TYPE K COPPER
G	F.W. FLARED FITTING
H	MALE I.P.T. TO FLARED
I	FULL PORT CONTROL VALVE
J	BRASS NIP.
K	BRASS ELL.
M	BRASS UNION
N	METER

NEW COPPER 1 1/2" & 2" WATER SERVICES STANDARD METER VAULT

REV:04.07 D-24



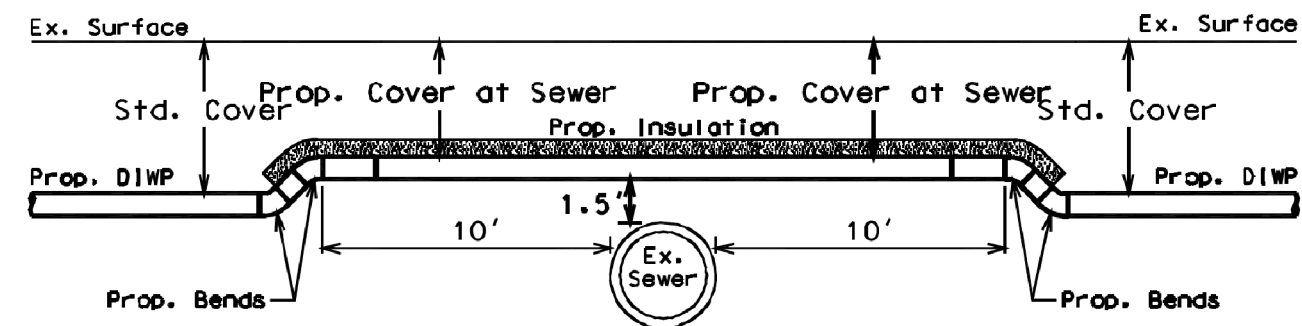
NOMINAL PIPE SIZES	OPENING DIMENSIONS	
	A	B
8"	11.0"	12.5"
12"	15.5"	16.5"
16"	19.5"	21.0"

PRECAST VALVE BASIN FOR PIPES UP TO 16" DIA.

REV:06.07 D-13

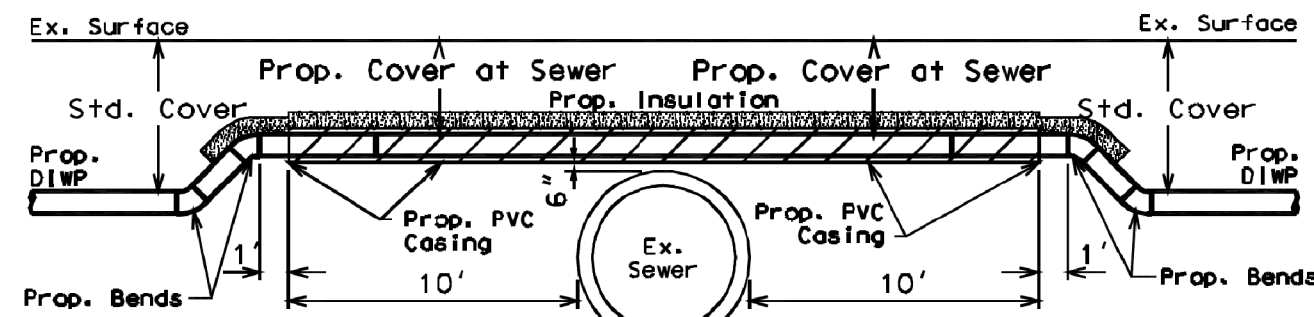


SEWER CROSSING DETAIL A.0  
Water Main 1.5' Above Sewer



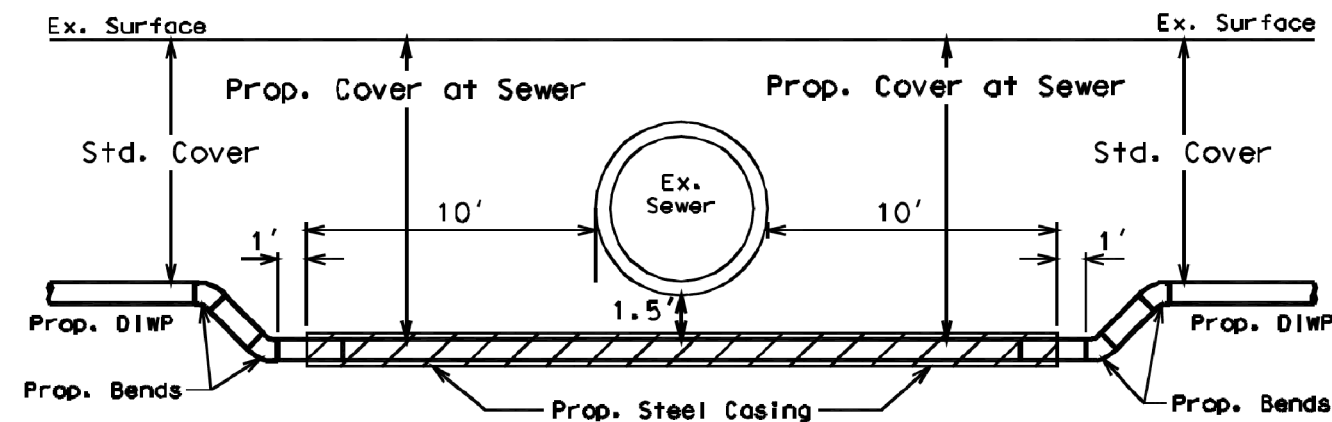
Profile View Along Water Main Centerline

SEWER CROSSING DETAIL A.1  
Water Main 6" Above Sewer - Case Water Main



Profile View Along Water Main Centerline

SEWER CROSSING DETAIL B.1  
Water Main 1.5' Below Sewer - Case Water Main



Profile View Along Water Main Centerline

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PLOT DATE	= 12/13/2024	DATE	= 12/13/2024	ISSUED FOR BID	= 12/17/2024

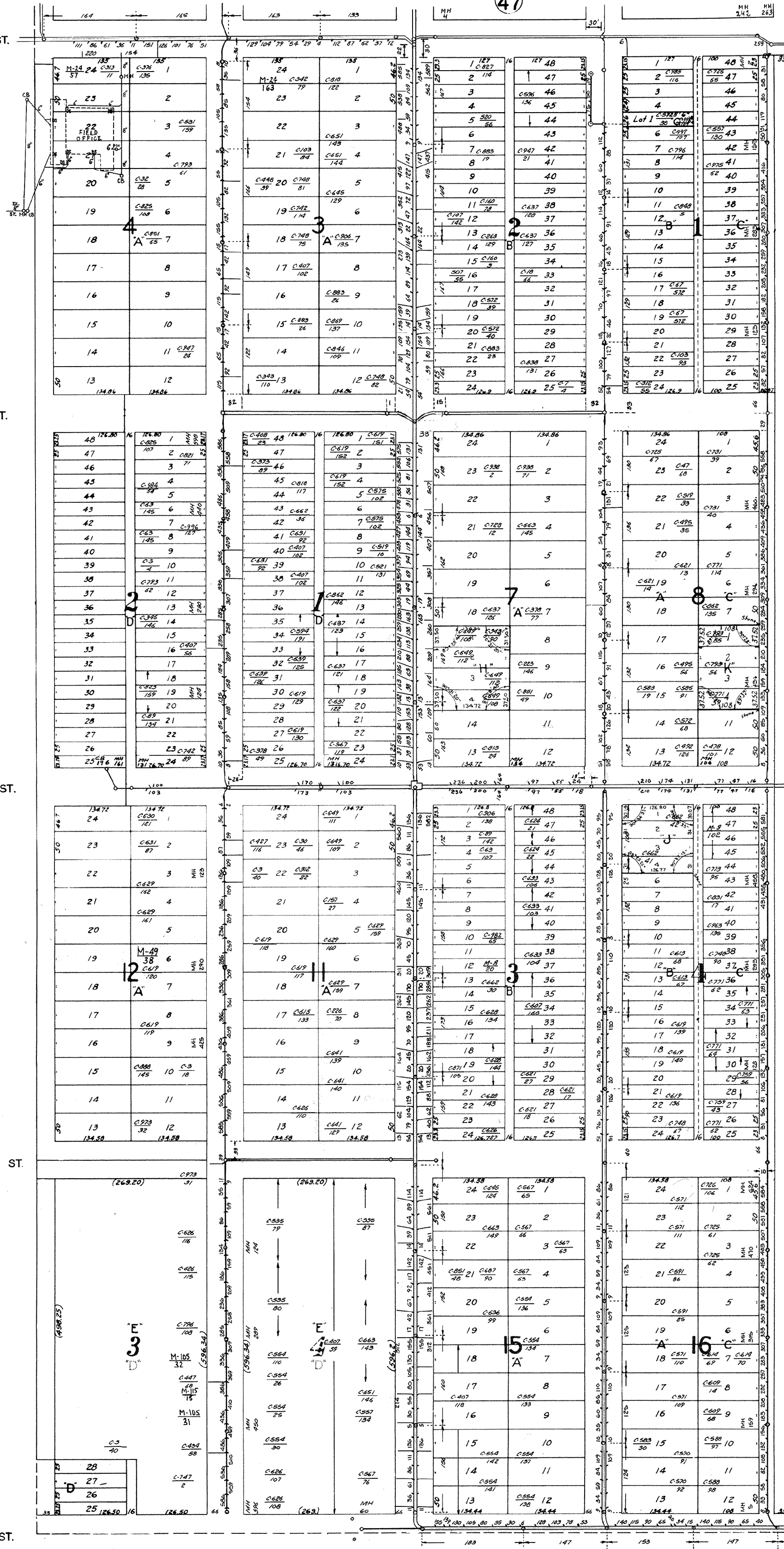
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

SEWER DRAIN ATLAS DETAIL

SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.

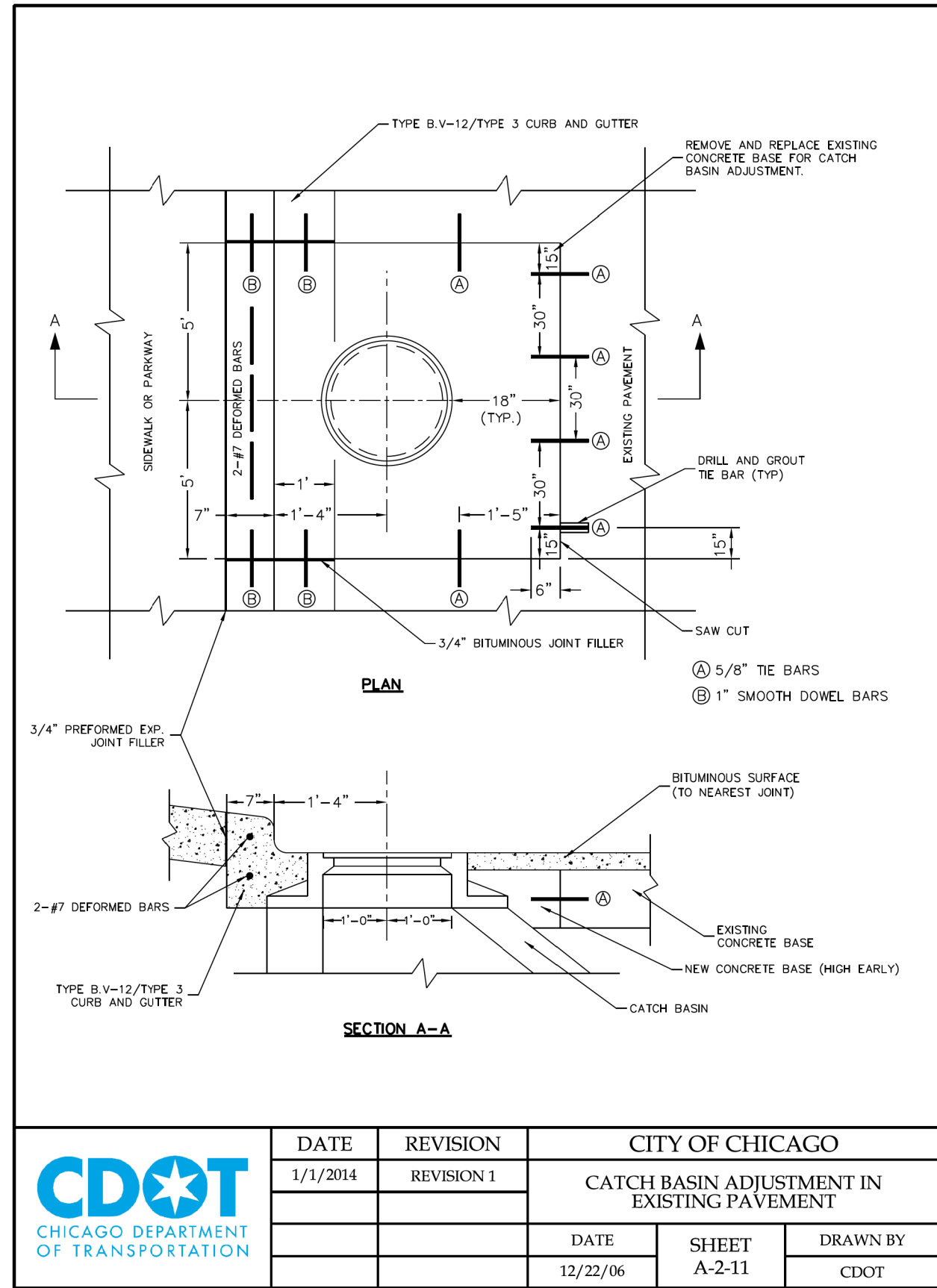
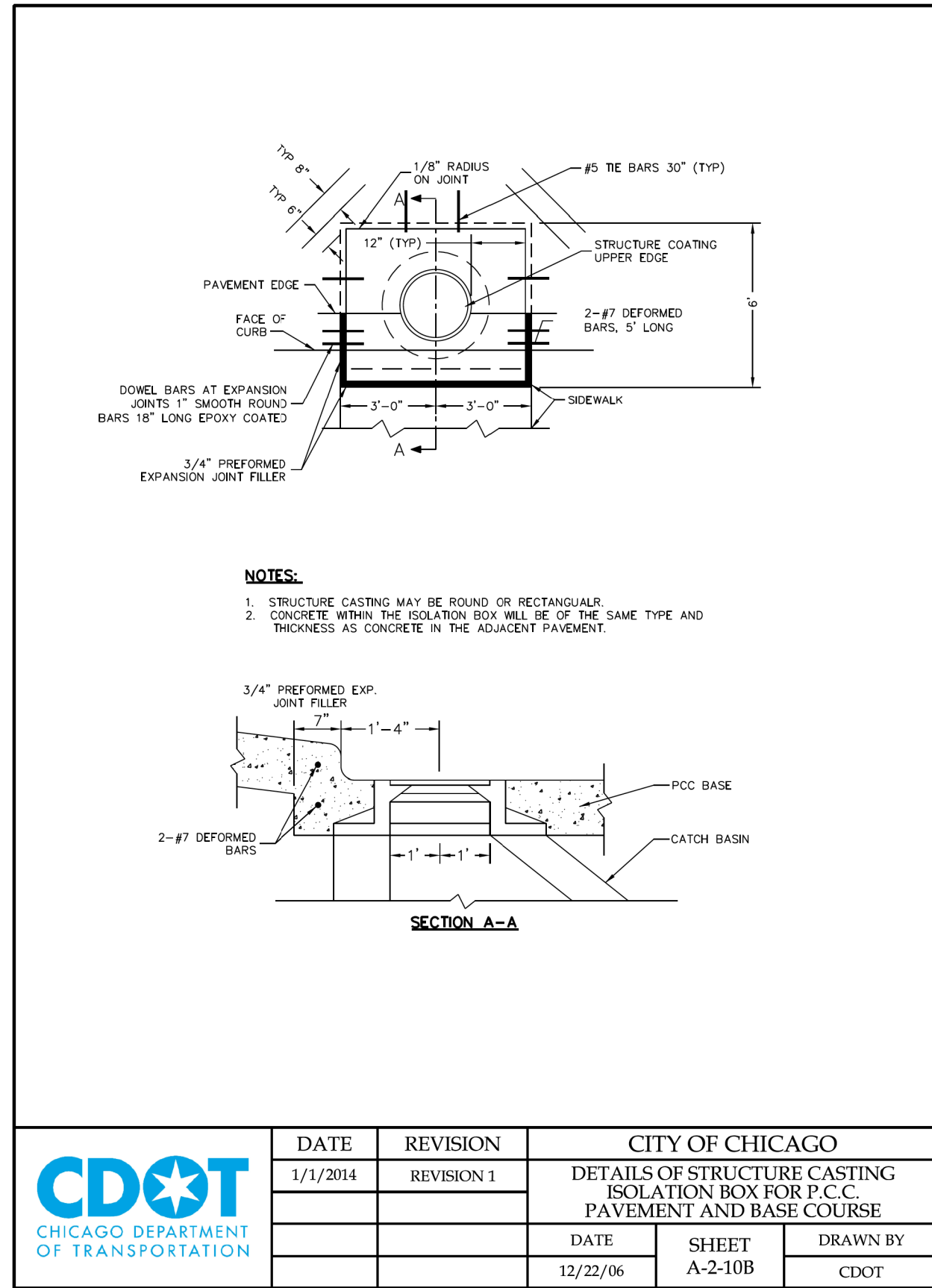
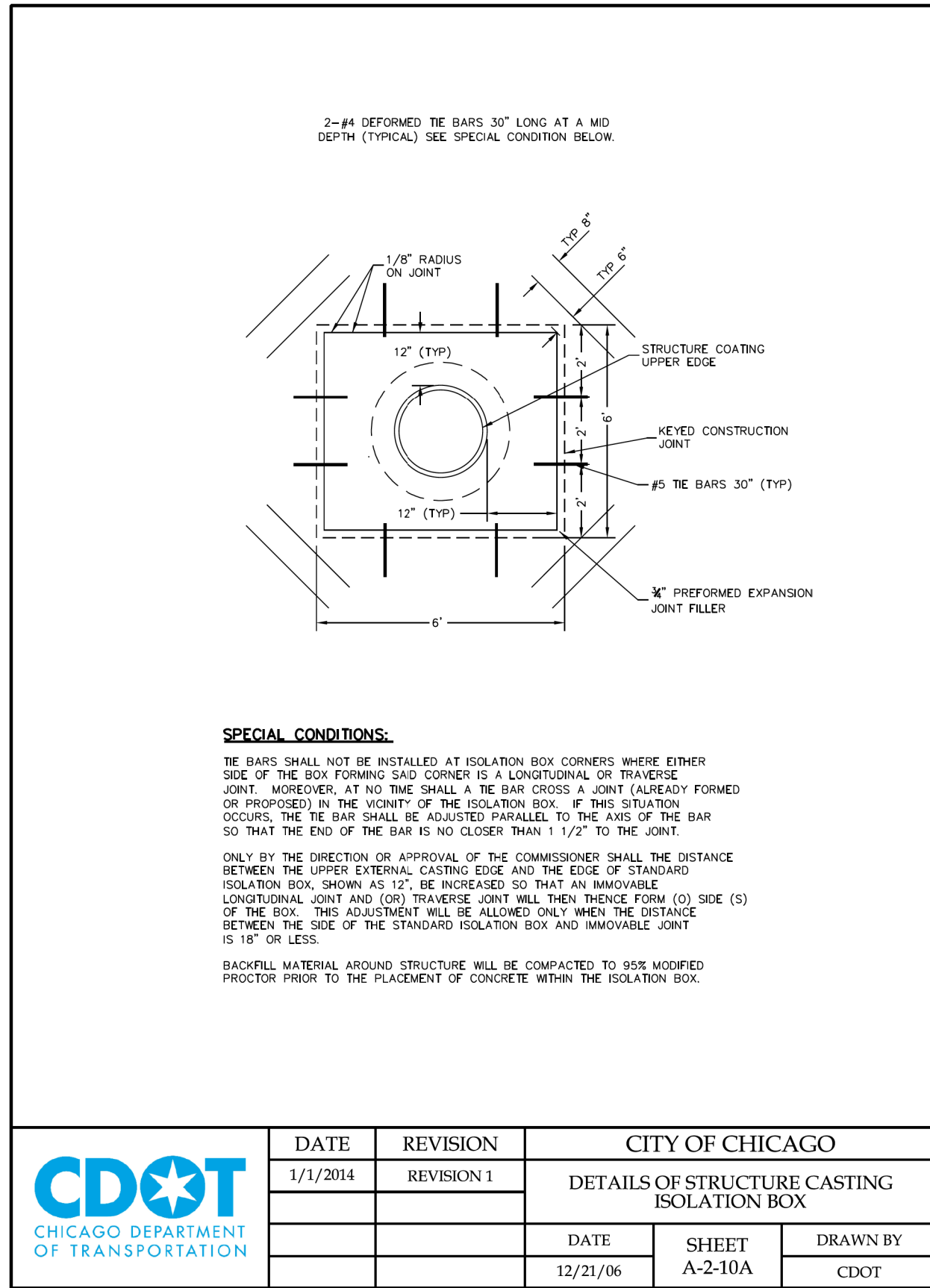
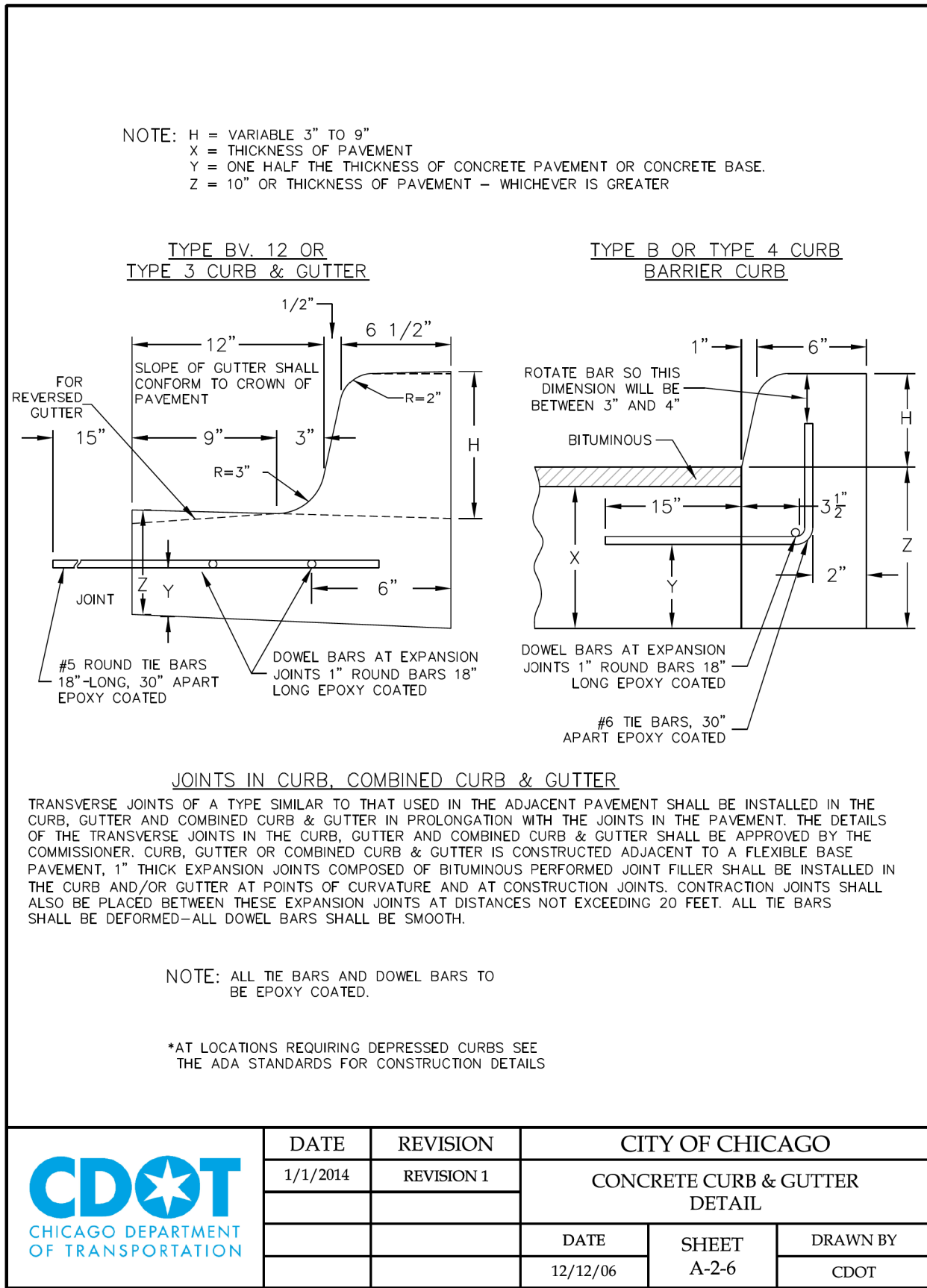
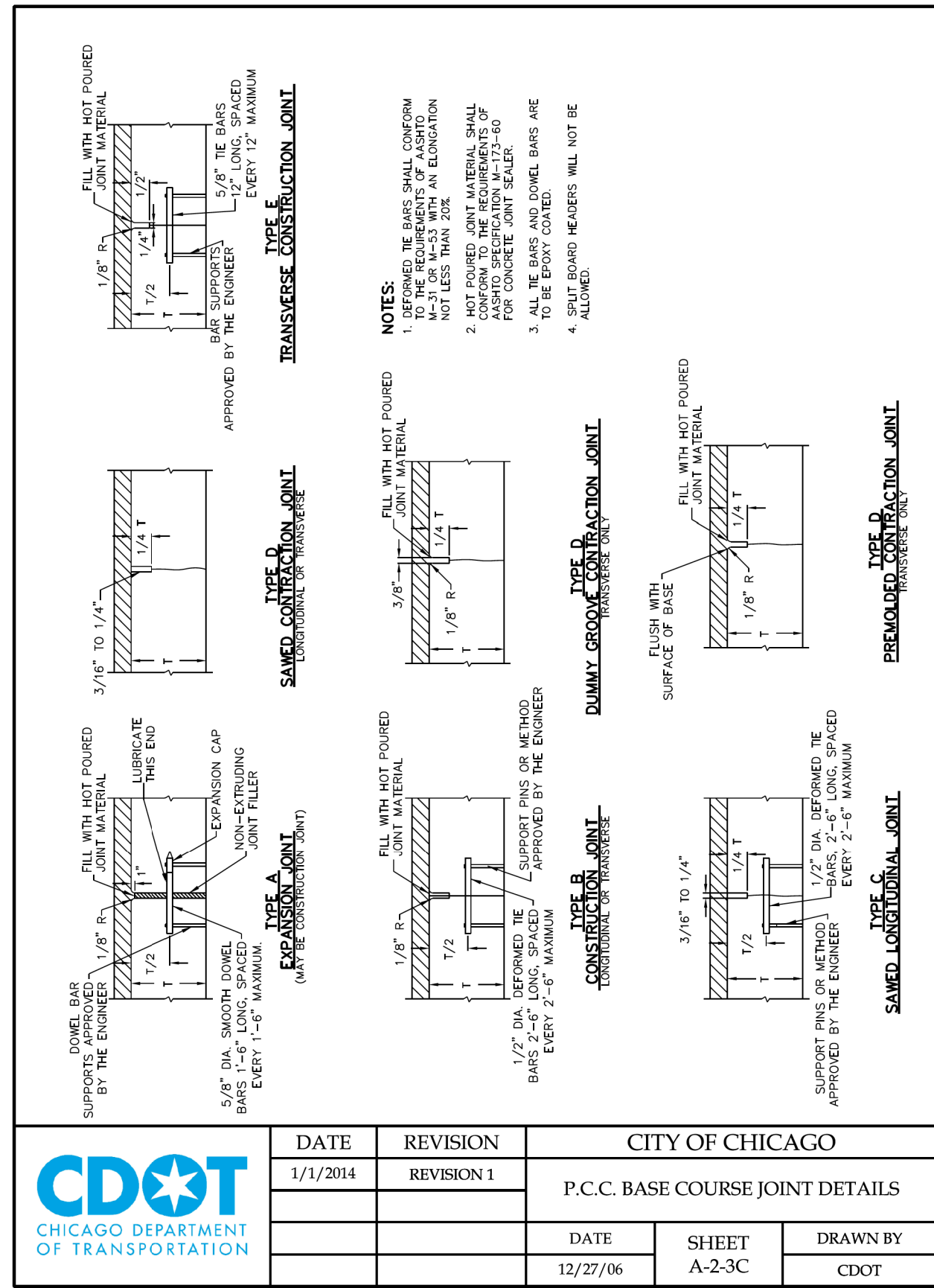
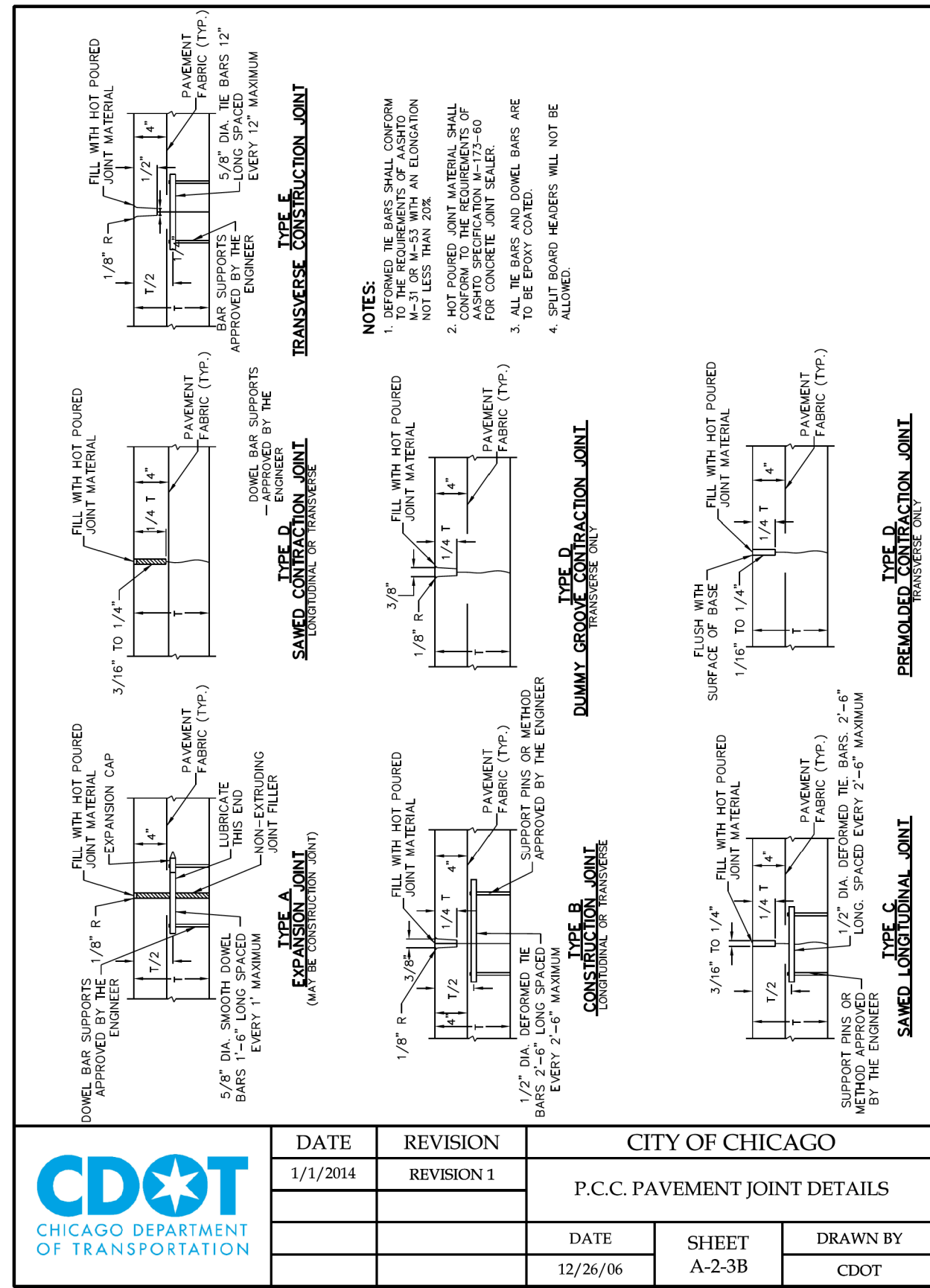
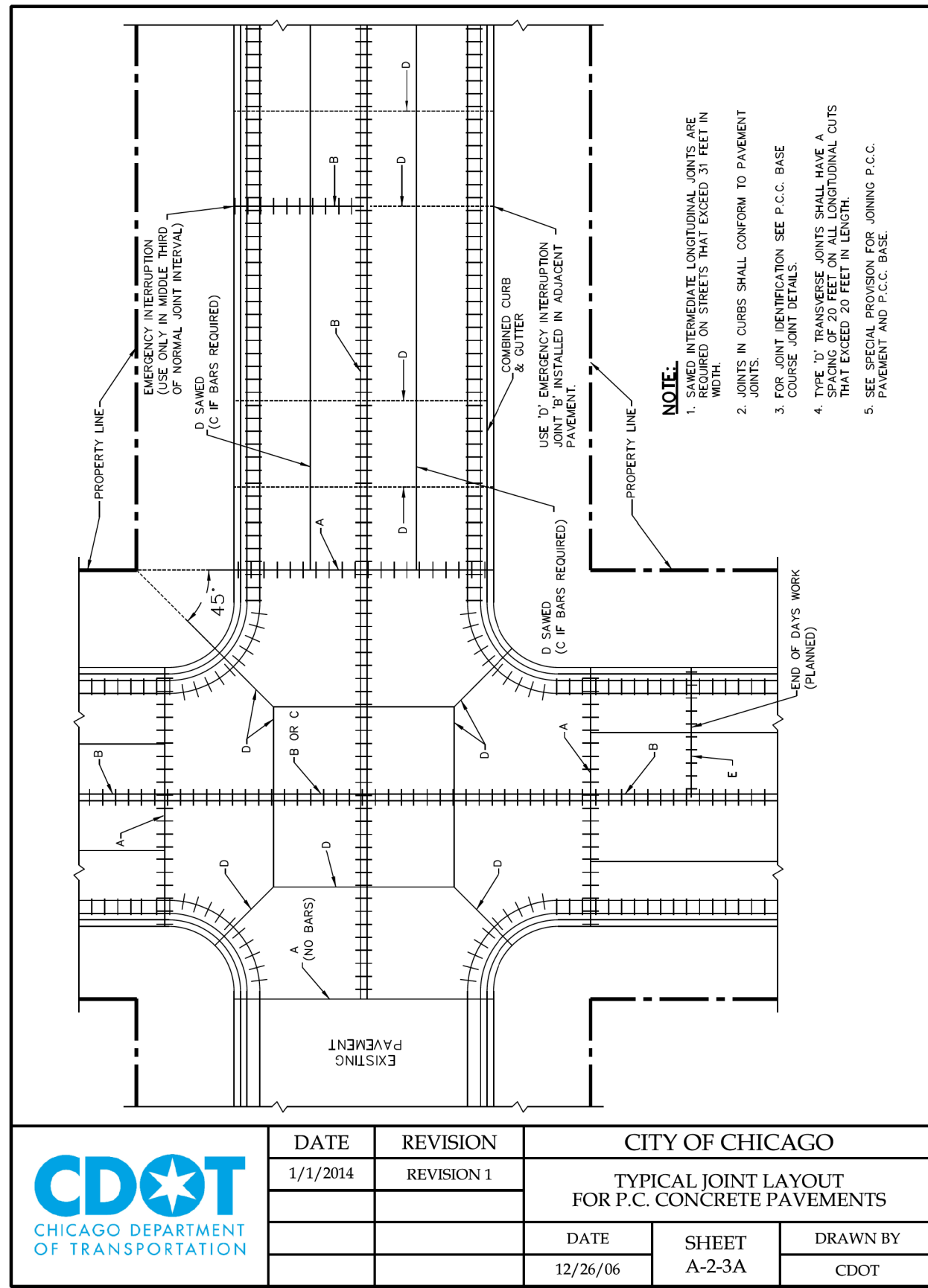
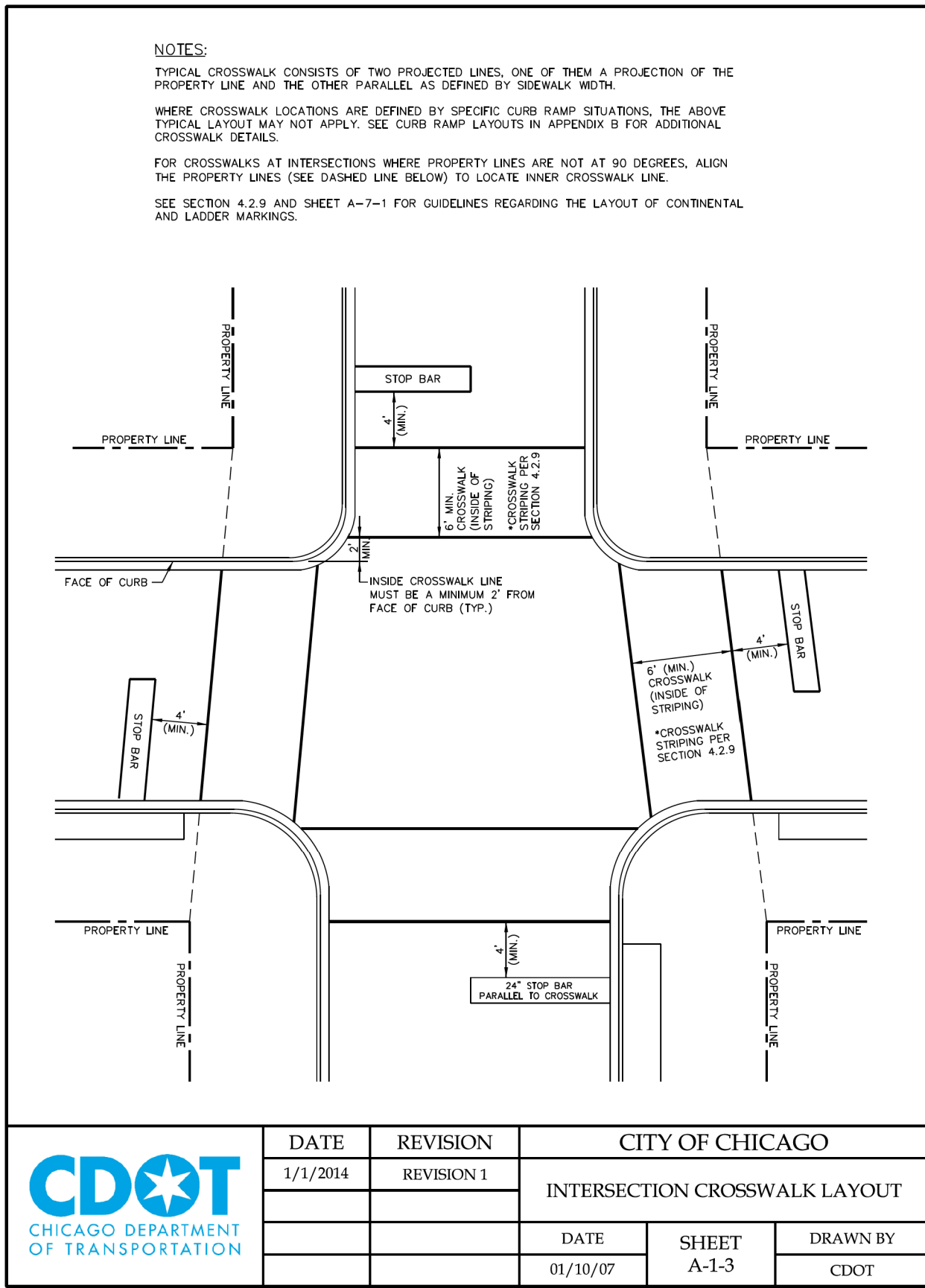
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	48
			CONTRACT NO. C1617	
		ILLINOIS	FED. AID PROJECT	

S-14  
59  
W. 111<sup>th</sup> ST.  
W. 112<sup>th</sup> ST.  
W. 113<sup>th</sup> ST.  
W. 114<sup>th</sup> ST.  
W. 115<sup>th</sup> ST.  
S. CALIFORNIA AV.  
S. FAIRFIELD AV.  
S. WASHTEEN AV.  
S. TALMAN AV.  
S. ROCKWELL ST.  
City Limits  
W 1/2 NE 1/4 SEC. 24.37.13

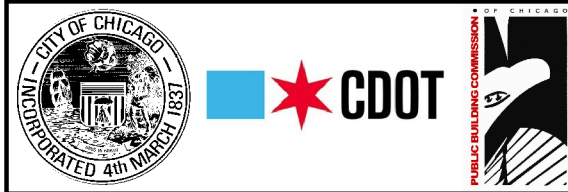


(Ordnance)  
A  
Sub of the NW 1/4 of NW 1/4 of NE 1/4 and SE 1/4 of NE 1/4 and NW 1/4 of SW 1/4 of NE 1/4 and SE 1/4 of SW 1/4 of NE 1/4 of Sec. 24-37-13. Rec. Aug. 15, 1873. Doc. #15239  
B  
John F. Taylor's Sub of the NE 1/4 of NW 1/4 of NE 1/4 and NE 1/4 of SW 1/4 of NE 1/4 of Sec. 24-37-13. Rec. Oct. 16, 1885. Doc. #170316  
C  
Sub of the E 1/2 of Blk. 164 of Sub of NE 1/4 of NW 1/4 of NE 1/4 and NW 1/4 of NE 1/4 and E 1/2 of Blk. 164 of Sub of NW 1/4 of NW 1/4 of NE 1/4 and SE 1/4 of NW 1/4 of NE 1/4 and NW 1/4 of SW 1/4 of NE 1/4 of Sec. 24-37-13. Rec. Apr. 14, 1892. Doc. #1644300  
D  
John M. Marshall's Sub of the SW 1/4 of NW 1/4 of NE 1/4 and the SW 1/4 of SW 1/4 of NE 1/4 of Sec. 24-37-13. Rec. Sept. 3, 1892. Doc. #1727248  
E  
Vacated by Instrument. Rec. May 9, 1900. Doc. #2958416  
F  
Vacated by Instrument. Rec. Feb. 14, 1902. Doc. #3206700  
G  
Vacated by Ordinance passed Mar. 18, 1902. Rec. Mar. 25, 1902. Doc. #3221498  
H  
Remainder of S. 1/2 of lot 4 and all of lot 5 Blk. 1 in John F. Taylor's Sub of NE 1/4 of NW 1/4 of NE 1/4 of Sec. 24-37-13. Rec. Oct. 16, 1915. Doc. #5733127  
I  
Persons' Remainder of lots 15 and 17 in Blk. 7 in Ordinance Sub of (See 'M'). Rec. Nov. 13, 1920. Doc. #14848711  
J  
Remainder of lots 1, 2, 3, 4 and 5 in John F. Taylor's Sub of (See 'B'). Rec. June 20, 1931. Doc. #15104611  
K  
Kennedy Park, Remainder of lots 8 and 10 in the Remainder of the E 1/2 of Blk. 8 in Ordinance Sub of part of the W 1/2 of the NE 1/4 of Sec. 24-37-13. Rec. Dec. 16, 1954. Doc. #16100235  
L  
Vacated by Ordinance Passed May 14, 1958. Rec. June 11, 1958. Doc. #17231236  
M  
Vacated by Ordinance passed April 20, 1966. Rec. May 13, 1966. Doc. #18262216





MODEL: Default  
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USER NAME	= mike.thon	DESIGNED	-	REVISED	-
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PLOT DATE	= 12/13/2024	CHECKED	-	REVISED	-
		DATE	-	ISSUED FOR BID	-
			12/13/2024		12/17/2024

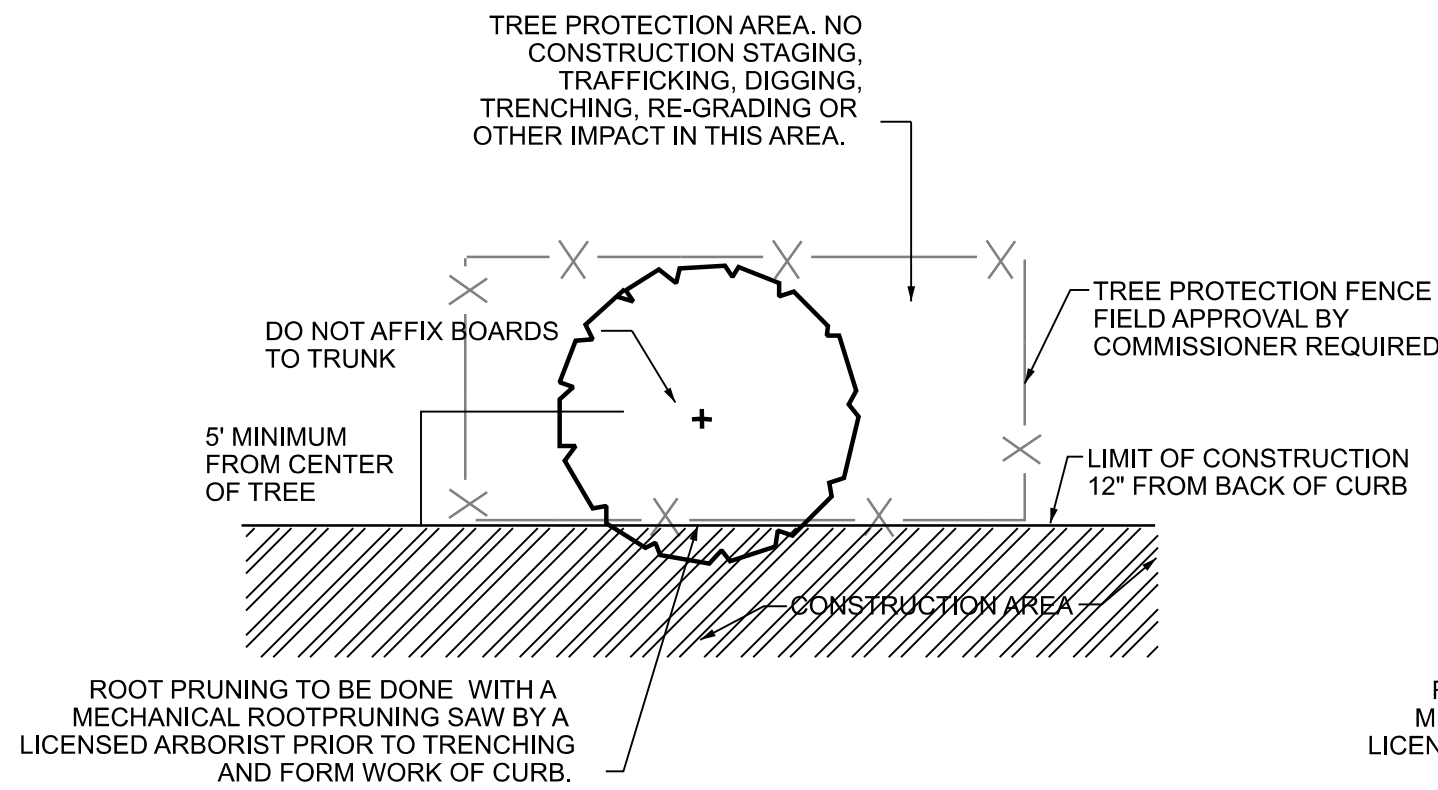
CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

CDOT DETAILS

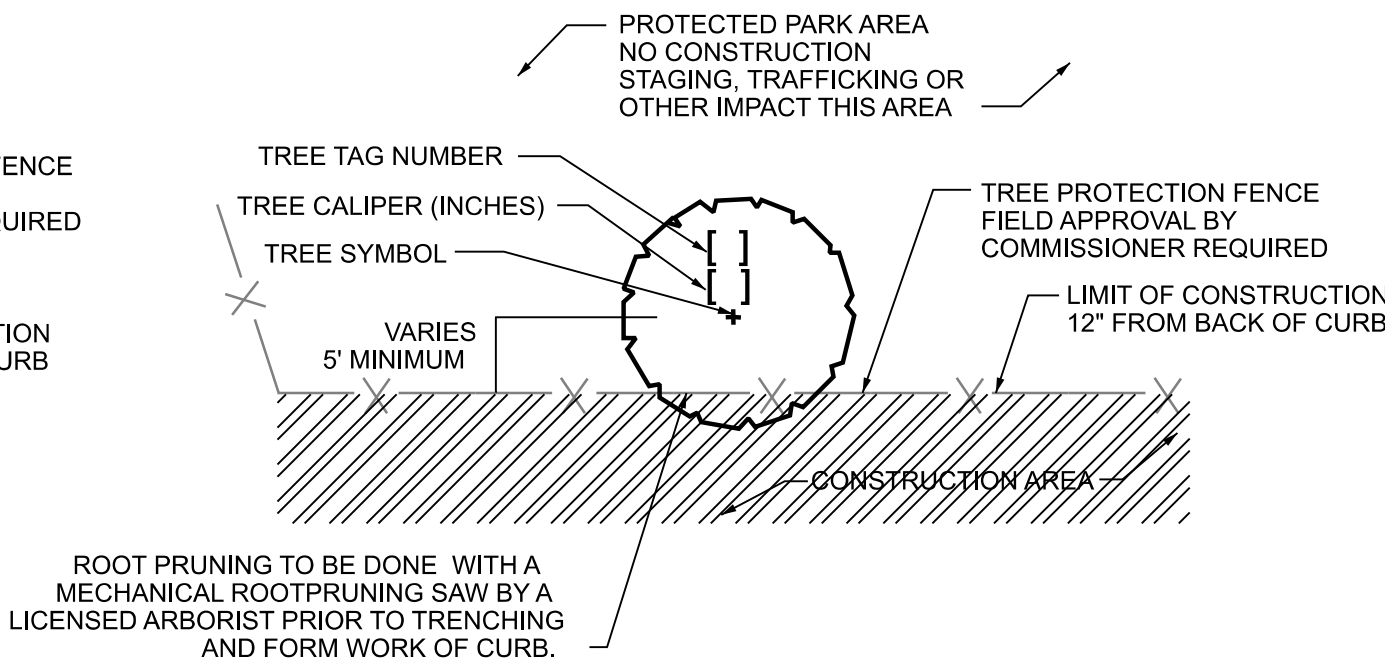
SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	51	49
		CONTRACT NO. C1617		
		ILLINOIS	FED. AID PROJECT	

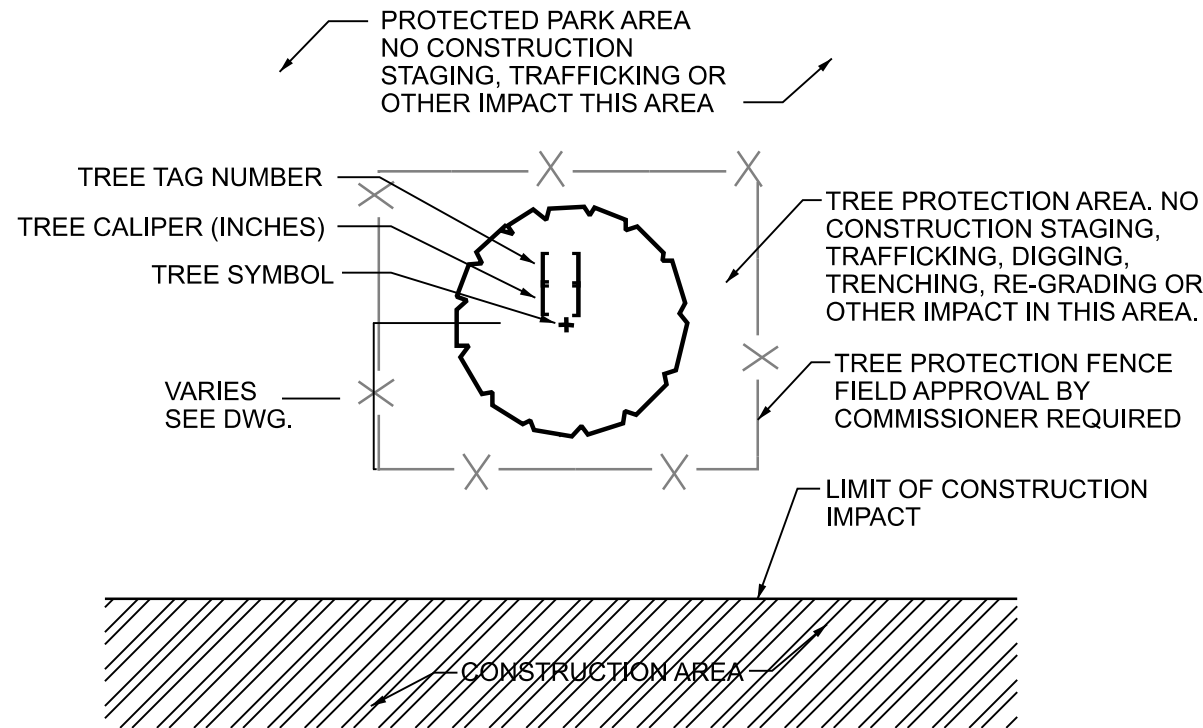




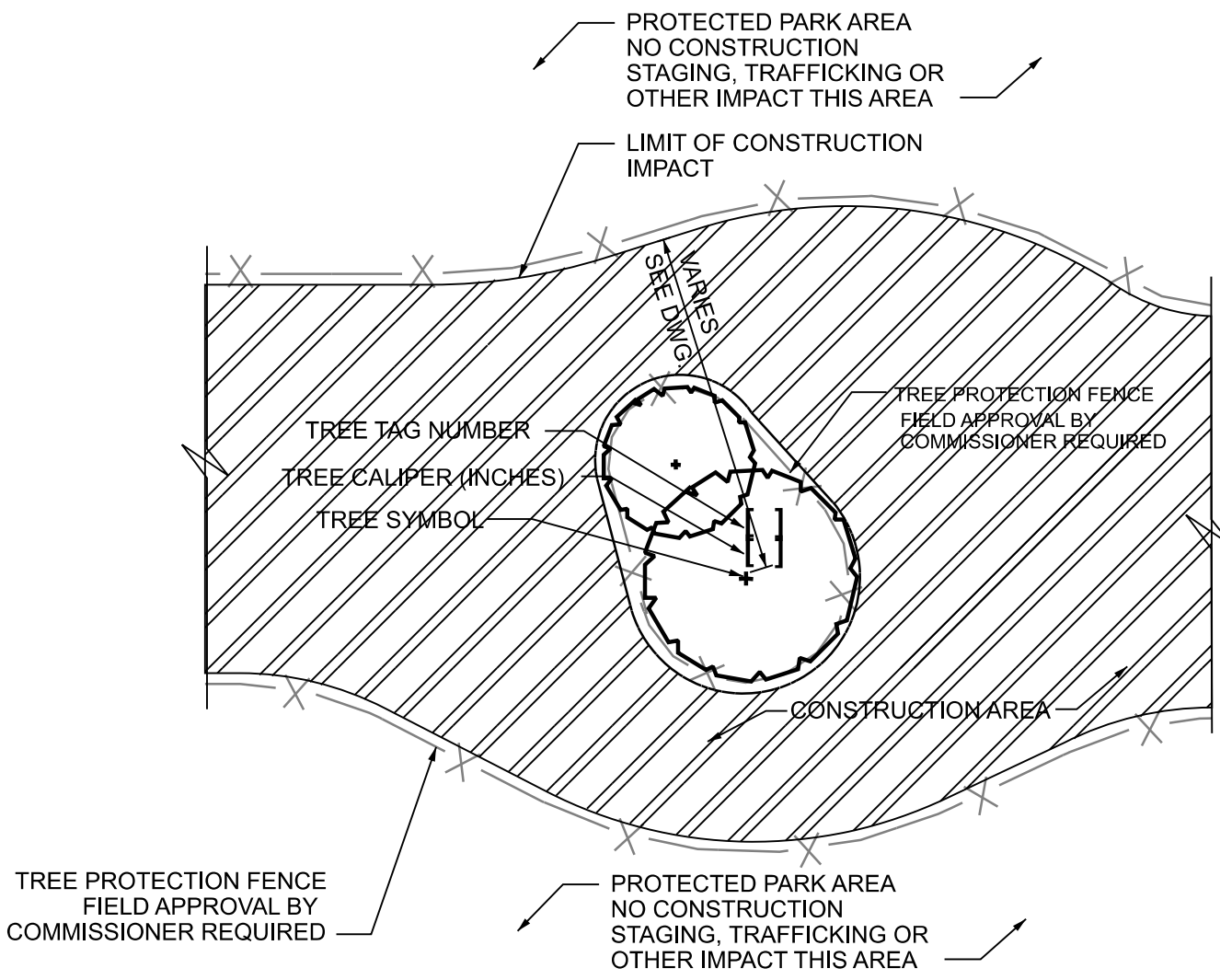
**TREE PROTECTION  
PARKWAY TREES  
ROOTPRUNING REQUIRED**



**TREE PROTECTION  
ROOTPRUNING REQUIRED**



**TREE PROTECTION  
TYPICAL**

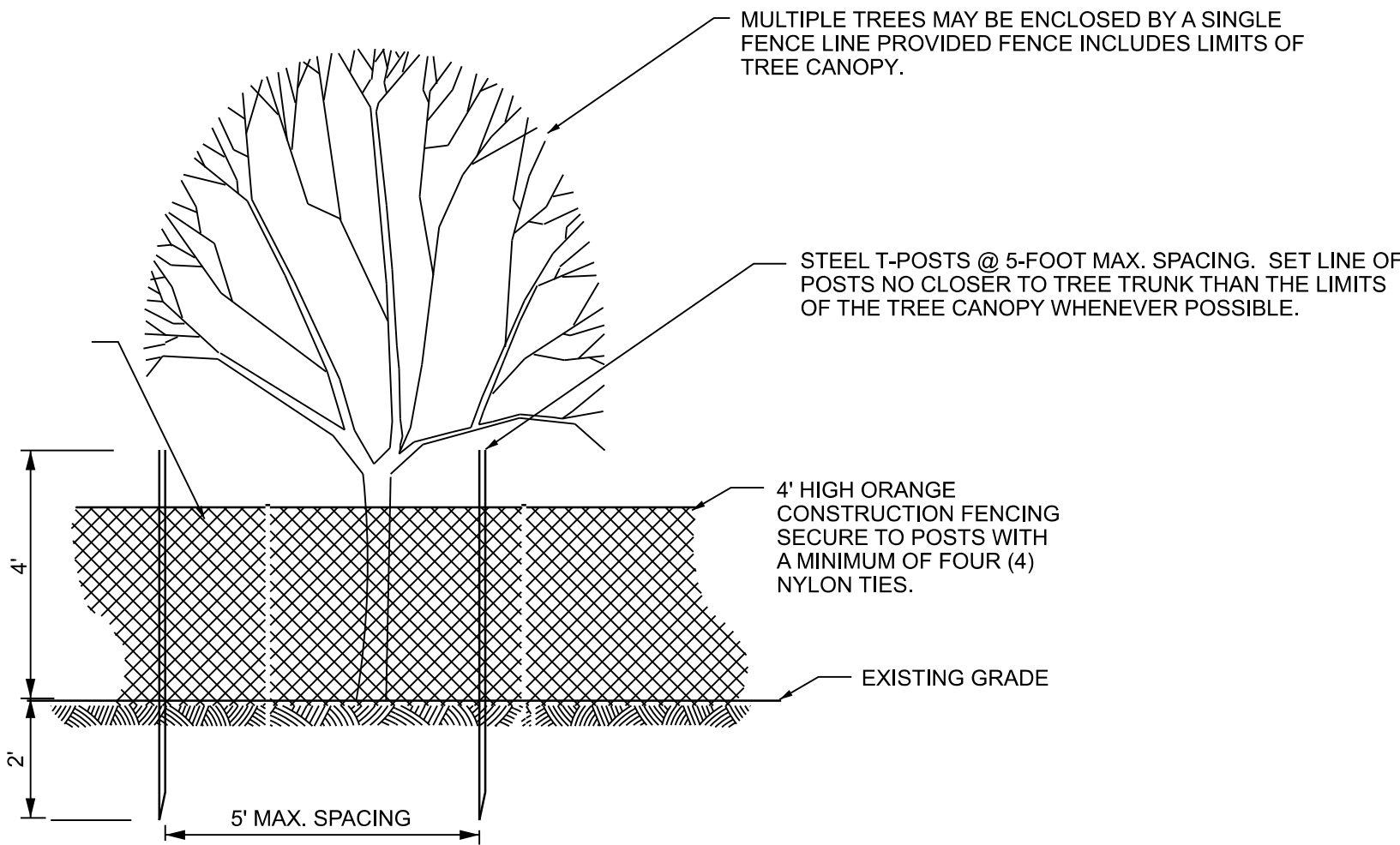


**TREE PROTECTION AREA  
ENTIRELY WITHIN CONSTRUCTION AREA**

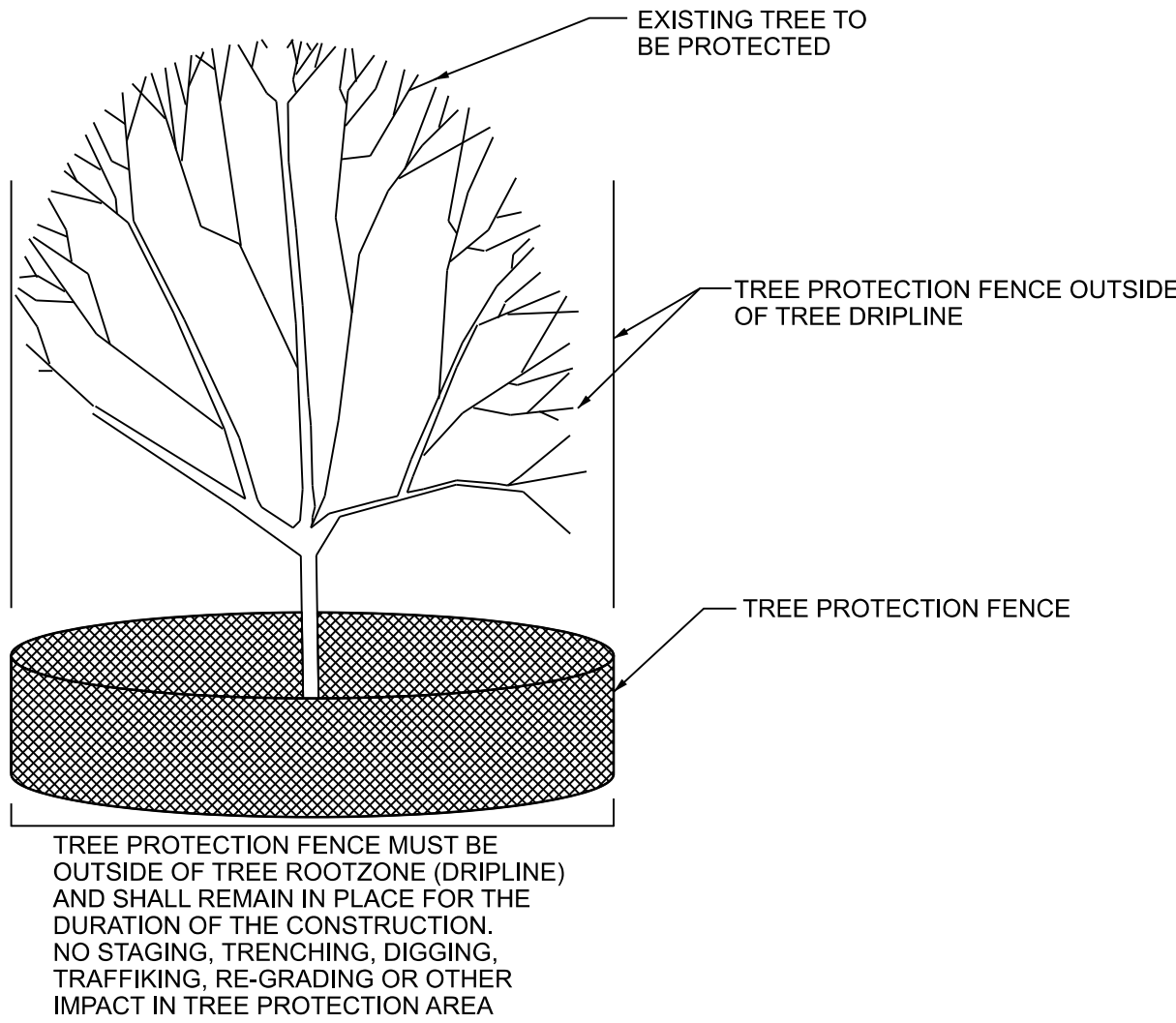
**GENERAL NOTES:**

TREE PROTECTION FENCE SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION AND SHALL BE REMOVED ONLY BY PERMISSION OF THE COMMISSIONER. THE CONTRACTOR SHALL NOT STORE ANY MATERIALS OR EQUIPMENT WITHIN THE TREE PROTECTION ZONE.

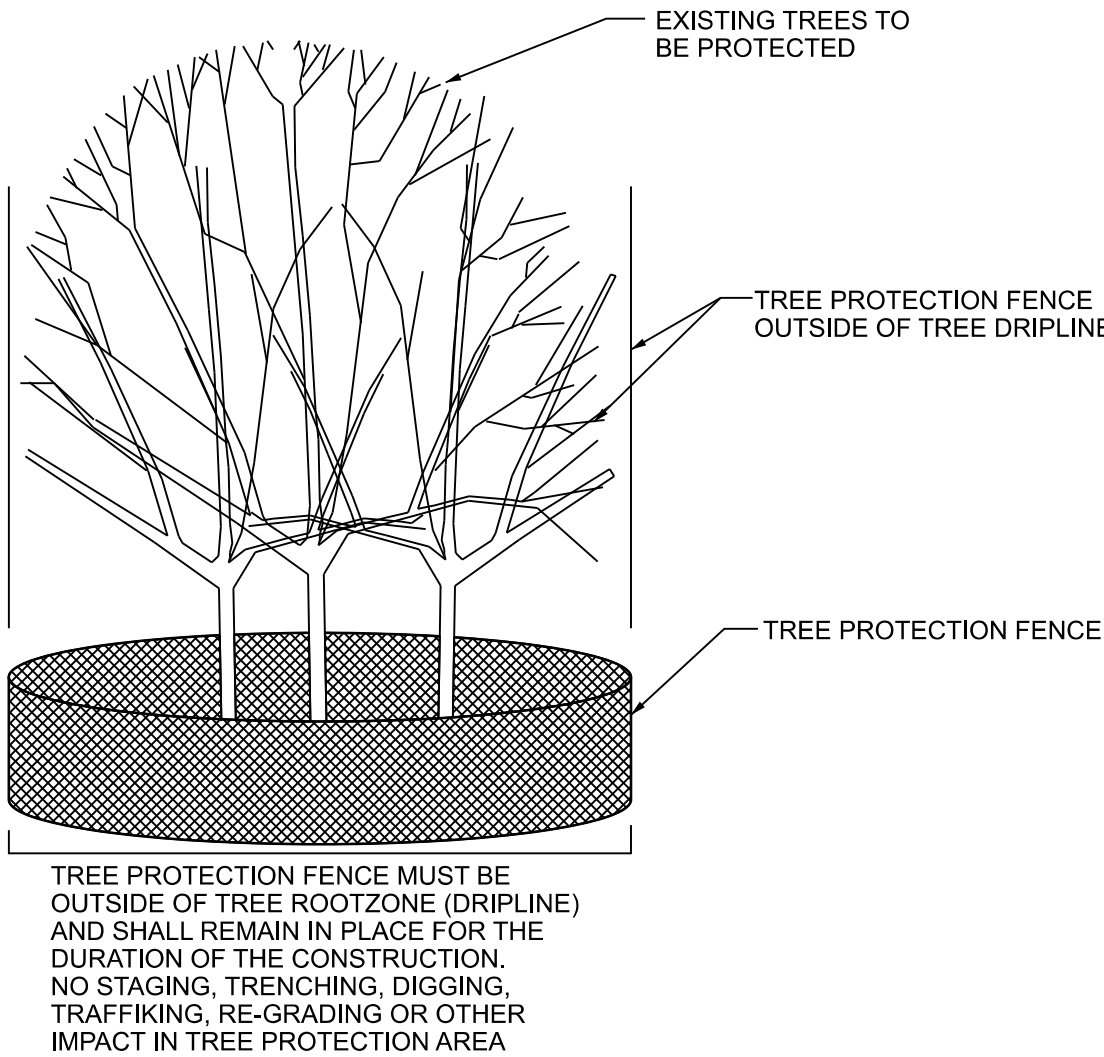
ROOT PRUNING ON MORE THAN ONE SIDE OF AN EXISTING TREE MUST HAVE PRIOR APPROVAL BY THE BUREAU OF FORESTRY.



**TREE PROTECTION FENCE**



**TYPICAL TREE PROTECTION  
ENTIRELY WITHIN CONSTRUCTION AREA**



**TYPICAL GROUP TREE PROTECTION  
ENTIRELY WITHIN CONSTRUCTION AREA**

MODEL: D:\draft  
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50\_Design\CAD\2022\1112th St\_Fairfield to Rockwell\Sheets\22-1112th-st-detailed-tree-01.dgn



