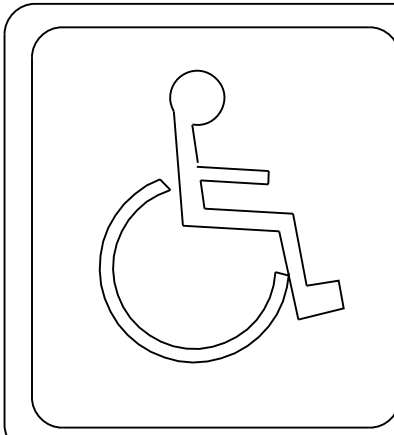


STANDARD SYMBOLS

EXISTING	PROPOSED	
		WATER DISTRIBUTION
		PEOPLES GAS
		ABANDONED/REMOVAL ITEM
		FIBER OPTIC
		COMMONWEALTH EDISON
		CITY ELECTRIC
		TELEPHONE
		COMBINED SEWER
		STORMWATER 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

IR-108810
EFP-128829



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.

CITY OF CHICAGO
BRANDON JOHNSON, MAYOR

PUBLIC BUILDING COMMISSION OF CHICAGO
RAY GIDEROF, EXECUTIVE DIRECTOR

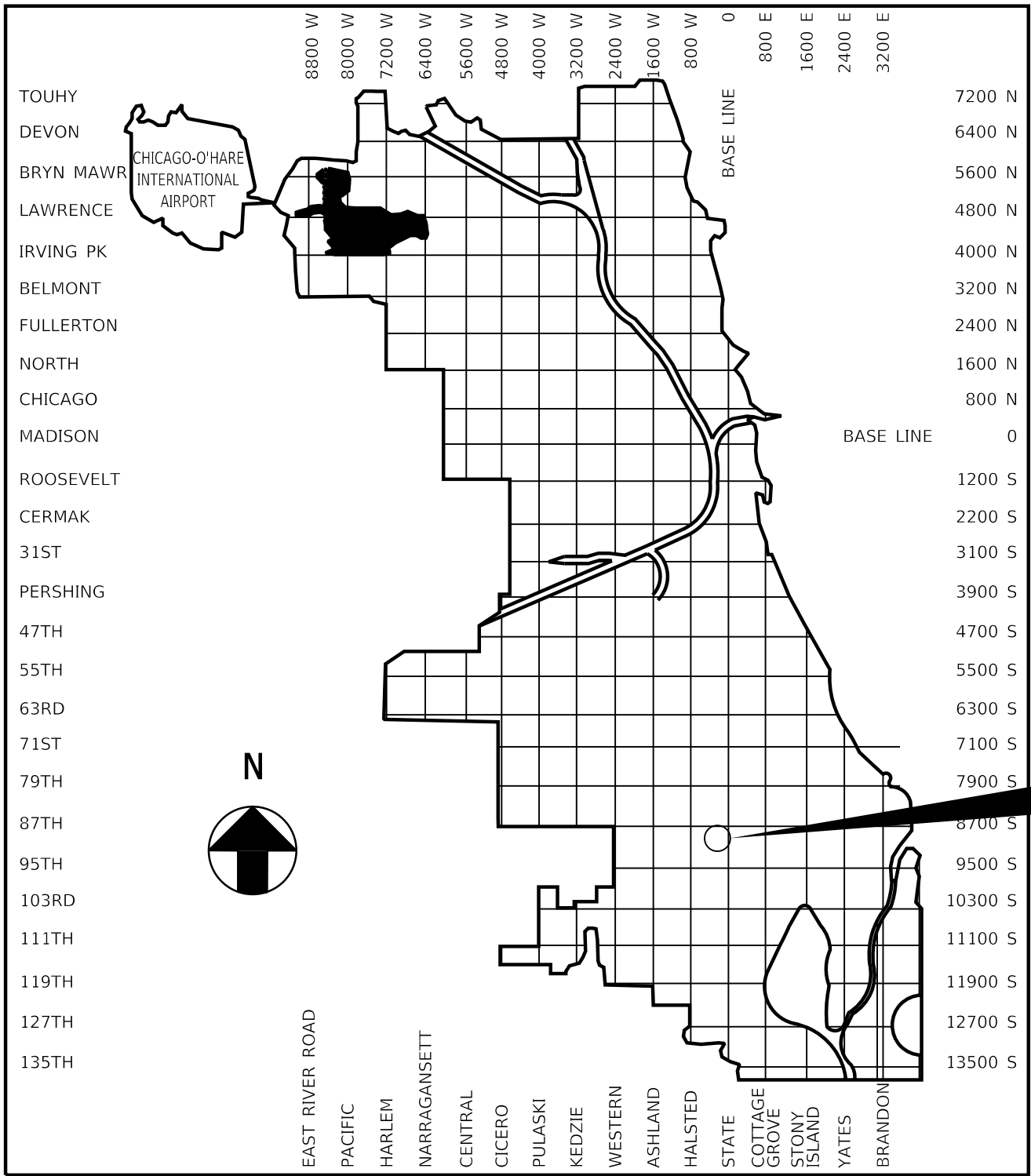
CHICAGO DEPARTMENT OF TRANSPORTATION
TOM CARNEY, COMMISSIONER
ANNE ZHANG, P.E., ACTING MANAGING DEPUTY COMMISSIONER

CONTRACT PLANS
FOR

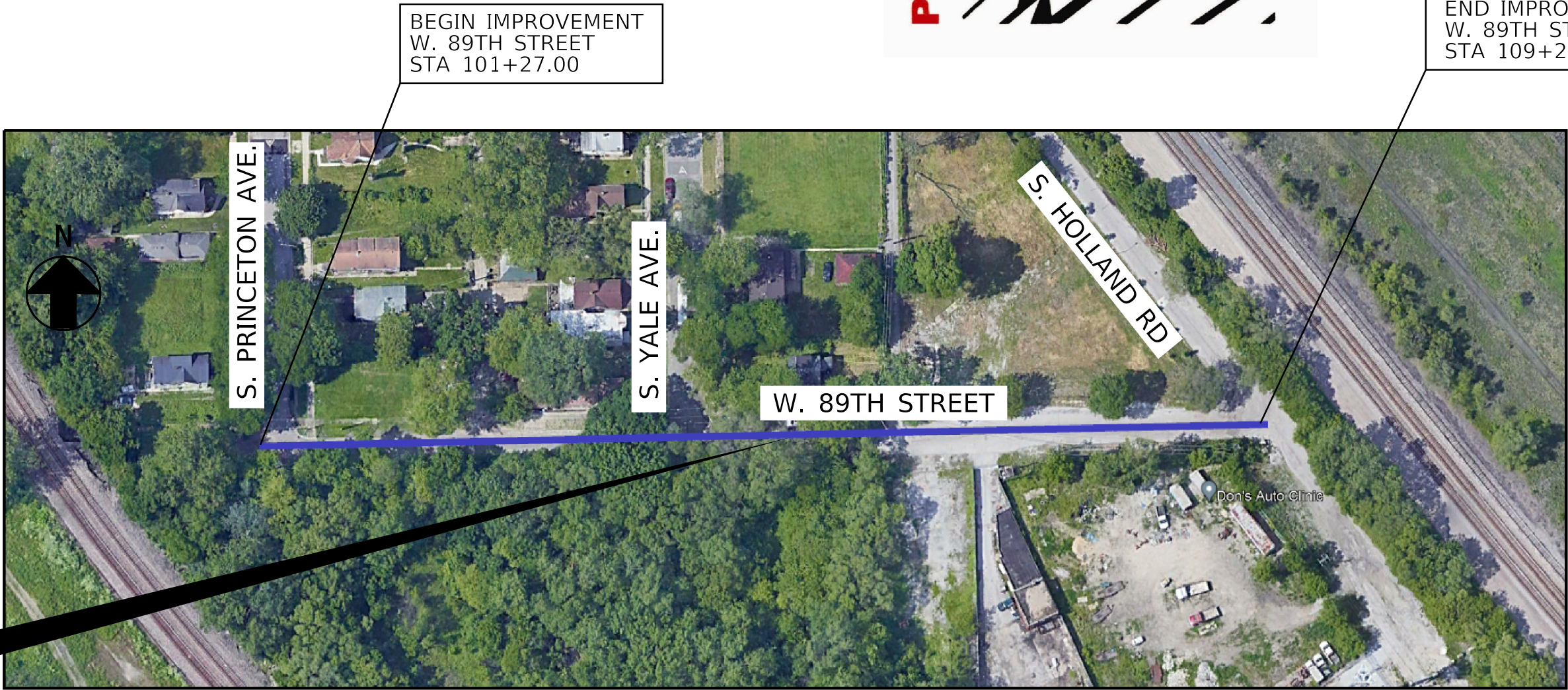
WORKS PROGRESS ADMINISTRATION ("WPA") STREET RECONSTRUCTION (89TH STREET)
W. 89TH STREET FROM SOUTH PRINCETON AVENUE TO SOUTH HOLLAND ROAD
CHICAGO, IL 60620

PBC CONTRACT NO.: C1624
PBC PROJECT NO.: 22811
C.D.O.T. PROJECT NO.: B-5-275

WARD 21



LOCATION MAP
NOT TO SCALE



INDEX MAP
NOT TO SCALE

LENGTH OF IMPROVEMENT = 798.28 L.F. (0.15 MILES)

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	TITLE SHEET
2-3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	ALIGNMENT, TIES, AND BENCHMARKS
6	TYPICAL SECTIONS
7-8	PLAN AND PROFILE
9-10	ADA GRADING DETAILS
11-12	SEWER CONNECTIONS
13-14	WATER MAIN PLAN AND PROFILE
15	PAVEMENT MARKING AND SIGNAGE
16-18	PROPOSED LIGHTING IMPROVEMENTS
19	SOIL BORING LOGS
20-25	IDOT HIGHWAY STANDARDS
26-40	CDWM SEWER DETAILS
41-43	CDWM WATER DETAILS
44	CDOT CURB & GUTTER DETAIL
45	SEWER DRAIN ATLAS DETAIL
46	WATER MAIN SUPPORT DETAIL
47-49	MOT PLAN
50	DETOUR PLAN



BEGIN IMPROVEMENT
W. 89TH STREET
STA 101+27.00

END IMPROVEMENT
W. 89TH STREET
STA 109+25.28

GENERAL NOTES

1.

ANY REFERENCE TO 'STANDARD SPECIFICATIONS' THROUGHOUT THE PLANS OR SPECIAL PROVISIONS WILL BE INTERPRETED TO BE THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' (SSRBC), ADOPTED APRIL 1, 2016, AND THE IDOT SUPPLEMENTAL SPECIFICATIONS', ADOPTED JANUARY 1, 2021.
2.

ALL DIMENSIONS SHOWN ON THE PLANS ARE TO THE FACE OF THE CURB, UNLESS OTHERWISE SPECIFIED.
3.

THE CONTRACTOR MUST TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
4.

IT IS CALLED TO THE CONTRACTOR'S ATTENTION THAT CERTAIN PERMITS AND FEES WILL BE REQUIRED BY VARIOUS DEPARTMENTS OF THE CITY OF CHICAGO. ALL PERMITS ARE INCIDENTAL.
5.

PARKING METER AND PARKING PAY BOX WORK REQUIRED DUE TO CONSTRUCTION MUST BE PERFORMED BY THE CITY OF CHICAGO DEPARTMENT OF REVENUE ONLY. THE CONTRACTOR SHALL PAY ALL FEES REQUIRED BY SECTION 9-68-050 OF THE MUNICIPAL CODE OF CHICAGO. REFER TO ARTICLE 10, SECTION E OF THE PROJECT SPECIFICATIONS FOR FURTHER INFORMATION. THIS INCLUDES ANY AND ALL PARKING METERS AND PARKING PAY BOXES TO BE INSTALLED, REMOVED OR RELOCATED AT THE PROJECT LOCATION OR AT ANY AND ALL LOCATIONS DIRECTLY OR INDIRECTLY INVOLVED WITH THE PROJECT.
6.

THE CTA SHALL REMOVE/REPLACE ALL CTA BUS STOP SIGNS AND BUS SHELTERS WITHIN THE PROJECT LIMITS. THE CONTRACTOR MUST CONTACT THE CTA AT TRAFFIC.PLANNING@TRANSITCHICAGO.COM AT LEAST TWO WEEKS PRIOR TO SIDEWALK REMOVAL OPERATIONS TO COORDINATE THIS WORK.
7.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST SUBMIT A PROPOSED CONSTRUCTION SCHEDULE IN A FORMAT APPROVED BY THE COMMISSIONER. NO WORK WILL BE PERMITTED TO PROCEED UNTIL THE PROPOSED SCHEDULE IS REVIEWED AND APPROVED BY THE COMMISSIONER.
8.

THE CITY RESERVE THE RIGHT TO ORDER, IN WRITING, CHANGES IN THE WORK OR THE CONTRACT TIME. THESE CHANGES MAY CONSIST OF ADDITIONS, DELETIONS OR OTHER REVISIONS, AT THE DISCRETION OF THE CITY.
9.

WHEN UNSEEN CIRCUMSTANCES IMPACT THE CONTRACTORS APPROVED CONSTRUCTION SCHEDULE, IT MAY BE NECESSARY TO ADJUST OR REVISE THE SCHEDULE IN ORDER TO MAINTAIN PROGRESS AND PROVIDE FOR PEDESTRIAN AND VEHICULAR SAFETY; THE CONTRACTOR SHALL COOPERATE FULLY WITH THE CITY IN THIS REGARD.
10.

LANE CLOSURES, WORK ZONE RESTRICTIONS, REVISED WORK DAY HOURS AND WEEKEND OR HOLIDAY WORK SCHEDULES ARE SUBJECT TO THE APPROVAL OF THE COMMISSIONER, THE CONTRACTOR MUST RECEIVE WRITTEN AUTHORIZATION, EITHER BY PERMIT OR NOTIFICATION BY THE COMMISSIONER, BEFORE PROCEEDING WITH WORK UNDER THESE CIRCUMSTANCES.
11.

THE CONTRACTOR MUST NOTIFY THE DEPARTMENT OF STREETS AND SANITATION AT (312) 746-4524 72 HOURS PRIOR TO THE NEED FOR TOWING RELOCATION OF VEHICLES, THE CITY OF CHICAGO WILL BE RESPONSIBLE FOR REMOVING PARKED VEHICLES LOCATED IN THE SCHEDULED WORK AREA. SIGNS PREVENTING PARKING WILL BE POSTED BY THE COMMISSIONER OR HIS STAFF 72 HOURS BEFORE THE WORK IS SCHEDULED. PRIOR TO POSTING SIGNS THE COMMISSIONER SHALL NOTIFY THE ALDERMAN'S OFFICE OF THE RESURFACING SCHEDULE. THE POLICE ARE TO BE PRESENT TO ISSUE TICKETS AND SUPERVISE TOWING PRIOR TO THE RELOCATION OF VEHICLES.
12.

THE CONTRACTOR SHALL FURNISH THE NAME(S) OF THE QC MANAGER LEVEL II TECHNICIAN ASSIGNED TO THE PROJECT AT THE TIME OF THE PRE-CONSTRUCTION MEETING.
13.

10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED IN THIS CONTRACT.
14.

THE CONTRACTORS SHALL COORDINATE ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
15.

BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS THE EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT DETAILS AT INTERSECTIONS".
16.

THREE QUARTER INCH (3/4") THICK EXPANSION JOINT SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS ADJACENT BUILDINGS, CURBS, LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF PCC SIDEWALK.
17.

CONTRACTOR IS TO RESTORE ALL UNPAVED AREAS DAMAGED DURING CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION INCLUDING THE FINE GRADING AND SODDING BEYOND THE AREA OF THE PROPOSED SEEDING AND SODDING, AS SHOWN ON THE STANDARD DETAILS, AT NO ADDITIONAL COST TO THE CITY.
18.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING OF CONSTRUCTION.
19.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION TO THE CONTRACTOR WILL BE ALLOWED.
20.

BUS PAD STANDARD DIMENSION SHALL BE 10' X 80' AND SHALL BE INSTALLED AFTER THE PLACEMENT OF THE FINAL SURFACE COURSE. THE FINAL LOCATION OF ALL BUS STOPS PADS MUST BE VERIFIED IN THE FIELD AND APPROVED BY THE COMMISSIONER PRIOR TO CONSTRUCTION.

21.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF TRANSPORTATION OF ANY DAMAGE TO CITY OWNED AND MAINTANED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.
22.

THE ENTIRE AREA WHICH IS TO RECEIVE BITUMINOUS MATERIAL (TACK COAT) SHALL BE SWEEPED CLEAN BEFORE THE MATERIAL APPLICATION. SWEEPINGS SHALL NOT BE DEPOSITED IN THE GUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK, BUT SHALL BE PICKED UP AND DISPOSED OF PROPERLY.

MAINTENANCE OF TRAFFIC NOTES

1.

TRAFFIC WILL BE MAINTAINED ON ALL STREETS AND PARKING WILL BE PROHIBITED WITHIN 50 FEET OF THE CONSTRUCTION AREA AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO NOTIFY THE DIVISION OF ENGINEERING-TRAFFIC SECTION 48 HOURS BEFORE COMMENCING CONSTRUCTION.
2.

WHEN THE PAVEMENT CONSTRUCTED IS PORTLAND CEMENT CONCRETE BASE COURSE OR PORTLAND CEMENT CONCRETE PAVEMENT, IT SHALL NOT BE OPENED TO TRAFFIC, INCLUDING CONSTRUCTION TRAFFIC, UNTIL AFTER THE SPECIFIED CURING PERIOD AS DEFINED IN ARTICLE 701.17(c)(5) OF THE 'STANDARD SPECIFICATIONS' AND UNTIL THE JOINTS HAVE BEEN SEALED.
3.

THE CONTRACTOR'S VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST OR ACROSS THE FLOW OF TRAFFIC. THESE VEHICLES SHALL ENTER OR LEAVE THE WORK AREA IN A MANNER WHICH WILL NOT BE HAZARDOUS TO OR INTERFERE WITH NORMAL TRAFFIC AND SHALL NOT PARK OR STOP EXCEPT WITHIN DESIGNATED WORK AREAS. PERSONAL VEHICLES WILL NOT BE PERMITTED TO PARK WITHIN THE RIGHT-OF-WAY EXCEPT IN SPECIFIC AREAS DESIGNATED BY THE COMMISSIONER.
4.

ACCESS TO EXISTING CROSS ROADS AND DRIVES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5.

ADEQUATE PROVISIONS FOR PEDESTRIAN TRAFFIC MUST BE PROVIDED AT ALL TIMES.
6.

FOR ADDITIONAL REQUIREMENTS, SEE CDOT SPECIAL PROVISION FOR TRAFFIC CONTROL AND PROTECTION IN BOOK 3.
7.

IN AREAS WHERE MULTIPLE LOCATIONS ARE PROPOSED TO BE CONSTRUCTED, THE CONTRACTOR WILL BE REQUIRED TO STAGE WORK SO AS NOT TO ADVERSELY AFFECT THE FLOW OF PEDESTRIAN AND VEHICULAR TRAFFIC WITHIN THE GENERAL AREA, THE PROPOSED CONSTRUCTION SCHEDULE SHOULD REFLECT A PROGRESSION OF WORK THAT WILL MAINTAIN TRAFFIC TO THE SATISFACTION OF THE COMMISSIONER.
8.

STOCKPILING OF EXCAVATED MATERIALS AND/OR CONSTRUCTION DEBRIS ON THE JOBSITE WILL NOT BE PERMITTED AND SHALL BE REMOVED FROM THE JOBSITE EACH AND EVERY DAY AND DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY WILL BE SUBJECT TO THE CHARGES IN ACCORDANCE WITH THE ITEM TRAFFIC CONTROL COMPLETE.
9.

"FRESH OIL" SIGNS MUST BE POSTED AT ALL INGRESSES TO PRIMED SURFACES. FAILURE TO INSTALL AND MAINTAIN THESE SIGNS WILL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY AND THE CONTRACTOR SHALL BE SUBJECT TO CHARGES IN ACCORDANCE WITH THE ITEM TRAFFIC CONTROL COMPLETE.
10.

THE CONTRACTOR SHALL PROTECT ALL SECTIONS OF NEWLY COMPACTED HMA SURFACE COURSES FROM PEDESTRIAN AND VEHICULAR TRAFFIC UNTIL THEY COOL DOWN TO THE SATISFACTION OF THE COMMISSIONER. DAMAGES TO THE MAT SHALL BE FIXED IMMEDIATELY TO THE SATISFACTION OF THE COMMISSIONER.
11.

IN THE EVENT THAT THE CONTRACTOR CANNOT FINISH THE MILLING AND/OR PAVING OPERATION DUE TO DELAYS CAUSED BY THE CITY OR PRIVATE UTILITY WORK OR ADJACENT CONSTRUCTION AND MOVES TO ANOTHER LOCATION, OR TERMINATES HIS OPERATION, THE CONTRACTOR MUST FINISH THE MILLING AND/OR PAVING OPERATION AS SOON AS SAID LOCATION IS CLEARED OF ALL CONFLICTING WORK AT NO ADDITIONAL COST TO THE CITY.

CIVIL NOTES

1.

THE ENTIRE AREA WHICH IS TO RECEIVE 'BITUMINOUS MATERIALS (PRIME COAT)' MUST BE SWEEPED CLEAN BEFORE THE MATERIAL IS APPLIED. THE SWEEPINGS WILL NOT BE DEPOSITED IN THE GUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK, BUT ARE TO BE PICKED UP AND DISPOSED OF PROPERLY BEYOND THE LIMITS OF THE PROJECT ON THE SAME DAY THAT THE SWEEPING IS DONE. THE WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO 'BITUMINOUS MATERIALS (PRIME COAT)'.
2.

IF AN EXISTING MAILBOX MUST BE REMOVED OR RELOCATED TO COMPLETE THE WORK, THE CONTRACTOR MUST NOTIFY THE POST OFFICE. THE COST OF ANY COORDINATION WITH THE POST OFFICE WILL BE CONSIDERED INCIDENTAL TO 'SIDEWALK REMOVAL'.
3.

THE CONTRACTOR SHALL INFORM THE COMMISSIONER 72 HOURS PRIOR TO REMOVING ANY STREET CAR TRACKS. THE COMMISSIONER WILL VERIFY THAT THE TRACKS AND/OR THE BURIED NEGATIVE GROUND CABLE IS NOT BEING USED FOR ELECTROLYSIS.
4.

THE EXISTING PAVEMENT IS REQUIRED TO BE SAWCUT IN ORDER TO PROVIDE FOR A STRAIGHT EDGE BUTT JOINT WHERE COMBINATION CONCRETE CURB AND GUTTER IS TO BE REPLACED, WHERE FULL DEPTH PATCHES ARE TO BE CONSTRUCTED, WHERE TRENCHES FOR PROPOSED DRAINAGE STRUCTURES ARE TO BE EXCAVATED, AS SHOWN ON THE PLANS, AND AS DIRECTED BY THE COMMISSIONER. FOR COMBINATION CONCRETE CURB AND GUTTER, THE SAWCUT IS REQUIRED TO BE DEEP ENOUGH TO PENETRATE THE EXISTING BASE COURSE WHERE NECESSARY TO ASSURE A STRAIGHT EDGE FOR THE FULL DEPTH OF COMBINATION CONCRETE CURB AND GUTTER. FOR PATCHES AND DRAINAGE STRUCTURES, THE SAWCUT SHALL BE FULL DEPTH. ALL OTHER SAWCUTTING WILL BE TO THE DEPTHS SHOWN ON THE PLANS OR GIVEN IN THE SPECIFICATIONS. ALL SAWCUTTING SHOWN ON THE PLANS OR OTHERWISE REQUIRED FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

5.

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON CHICAGO CITY DATUM WHICH IS 579.88 FEET ABOVE MEAN SEA LEVEL, 1935 ADJUSTMENT.
6.

THREE QUARTER INCH (3/4") THICK EXPANSION JOINT SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS ADJACENT BUILDINGS, CURBS, LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF PCC SIDEWALK.
7.

THE GENARAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR THE WORKER SAFETY AND SOIL CONRAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLMENTAL SPECIFICATIONS FOR DETAILS.
8.

CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND A MAXIMUM HEIGHT OF 9 INCHES.
9.

THE COST OF REMOVING BRICKS WITHIN SIDEWALK REMOVAL LIMITS SHALL BE CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL. REMOVAL OF EXISTING BENCHES, BICYCLE RACKS, AND TRASH RECEPTACLES WILL BE CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
11.

THE CONTRACTOR SHALL CHECK THE ELEVATION AT THE PROPERTY LINE BEFORE SETTING THE TOP OF CURB ELEVATION AND, IF NECESSARY, SHALL ALTER THE CURB EXPOSED AND/OR GUTTER ELEVATION TO MEET THE ADJACENT PROPERTY LINE ELEVATION TO THE SATISFACTION OF THE COMMISSIONER.
12.

ALL WORK MUST CONFORM TO THE MOST CURRENT CHICAGO DEPARTMENT OF TRANSPORTATION RULES AND REGULATIONS FOR WORK IN THE PUBLIC WAY IN COMPLIANCE WITH THE AMERICANS WITH DISABILITY ACT, AVAILABLE ON THE CITY OF CHICAGO WEBSITE.

UTILITY NOTES

1.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE THE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS WILL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK; HOWEVER, THE CONTRACTOR WILL BE PAID AT THE CONTRACT UNIT PRICE FOR THE WORK.
2.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CHICAGO UTILITY ALERT NETWORK AT (312) 744-7000 OR J.U.L.I.E. AT (800) 892-0123 SO THAT UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR MUST COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE 'STANDARD SPECIFICATIONS'.
3.

THE CITY DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE, SUCH AS SEWERS, MANHOLES, CATCH BASINS, GAS AND WATER MAIN, TELEPHONE AND ELECTRICAL DUCT LINES, AND SIMILAR STRUCTURES. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH THE CONSTRUCTION OPERATIONS AND MUST REPORT TO THE COMMISSIONER ANY OMISSIONS AND DIFFERENCES FROM LOCATIONS SHOWN ON THE PLANS. THE COST OF THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4.

THE CONTRACTOR IS REQUIRED TO PROTECT ANY EXISTING AND NEW UTILITIES WHEN CONSIDERED NECESSARY BY THE COMMISSIONER, USING METHODS APPROVED BY THE COMMISSIONER. THE CONTRACTOR WILL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR CHANGE TO THE UTILITIES. THE COST OF UTILITY PROTECTION AS SPECIFIED IN HEREIN WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
5.

ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
6.

EXCEPT AS NOTED ON THE PLANS, IN THE GENERAL NOTES, AND IN THE SPECIFICATIONS,UTILITY RELOCATION OR ADJUSTMENT WILL BE PERFORMED BY THE RESPECTIVE UTILITY OWNERS AT THEIR OWN EXPENSE AND WILL NOT BE CONSIDERED PART OF THIS CONTRACT. THE CONTRACTOR WILL NOTIFY THE AFFECTED UTILITY OWNERS AND SCHEDULE HIS/HERWORK ACCORDINGLY. THE COST OF THIS COORDINATION WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
7.

ANY PAVEMENT REMOVAL AND REPLACEMENT OPERATION TO BE DIRECTLY ABOVE A COMMONWEALTH EDISON (COMED) COMPANY LINE WILL BE CLOSELY COORDINATED WITH COMED. REPRESENTATIVES FROM THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION AND COMED MUST BE PRESENT DURING PERFORMANCE OF THIS WORK, AS ARRANGED BY THE CONTRACTOR.
8.

PEOPLES GAS FACILITIES ARE PRESENT WITHIN AREA OF CONSTRUCTION. SERVICE IS AFFECTED. USE EXTREME CAUTION NEAR ALL GAS FACILITIES DURING CONSTRUCTION AND RELATED EXCAVATION ACTIVITIES. HAND DIGGING OR NON-INVASIVE EXCAVATION IS REQUIRED TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF GAS FACILITIES PRIOR TO CROSSING AND WORKING WITHIN 3' OF ALL GAS FACILITIES. A MINIMUM OF 3' HORIZONTAL EDGE-TO-EDGE CLEARANCE IS REQUIRED FOR GAS FACILITIES WITH DIAMETERS OF 16" OR SMALLER, AND 5' EDGE-TO-EDGE CLEARANCE FOR GAS FACILITIES WITH DIAMETERS 18" AND LARGER. MAINTAIN A MINIMUM OF 18" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING GAS FACILITIES 16" OR LESS IN DIAMETER, AND 24" EDGE-TO-EDGE VERTICAL CLEARANCE WHEN CROSSING 18" AND LARGER DIAMETER GAS FACILITIES. CONTACT 811 CHICAGO/DIGGER 312-744-7000 FOR LOCATES 48 HOURS PRIOR TO START OF CONSTRUCTION.

MODEL: Model
FILE NAME: p:\v\k\tech-pw_bentley.com\c\tech-pw\Documents\Projects\3153-Special Requests\WPA Updates\89th Street Holland to Dear End\Sheets\21-F5-05-sht-gennotes-01



USER NAME	= all	DESIGNED	-	TJC
		DRAWN	-	TJC
PLOT SCALE	= 20.00 sf / in.	CHECKED	-	NV
PLOT DATE	= 4/30/2025	DATE	-	04/22/2025

ADDENDUM NO. 1
REVISED -
ADDENDUM NO. 2
REVISED -
ADDENDUM NO. 3
ISSUE TO BID -

5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	2
		ILLINOIS	FED. AID PROJECT	

UTILITY NOTES (CONT.)

9.

THE USE OF CONCRETE, FLOW FILL, OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES, NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 6" FA-02 OR FM-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PEOPLES GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTOR(S). CALL 866-556-6002 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. VERTICAL ADJUSTMENTS REQUIRED FOR VALVE BASIN FRAMES, COVERS, GAS SHUT-OFF VALVES, ROADWAY BOXES SHALL BE COMMUNICATED TO JACIE SPUDIC, PLANNING-PERMIT GROUP, JACIE.SPUDIC@PEOPLESGASDELIVERY.COM, 4 WEEKS PRIOR TO THE START OF RESTORATION FOR PLANNING & SCHEDULING. ALL GAS FACILITIES ARE TO BE MAINTAINED.
10.

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.
11.

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.

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 EXITING 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 STRUCTURES AND 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 STRICTURES 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 CATCH BASINS AND MANHOLES 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, PLEASE MAKE A NOTE IN THE PLAN ALL THE SEWER(S) IN THE PROJECT AREA WILL BE TELEVIEWED 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 TELEVIEWING 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.

PUBLIC BUILDING COMISSION NOTES

CONTRACTOR WILL BE REQUIRED TO PREPARE A PHASING AND LOGISTICS PLAN WITHIN THIRTY (30) DAYS OF ISSUANCE OF THE NOTICE TO PROCEED ('NTP') FOR REVIEW AND APPROVAL BY CDOT AND PBC, PRIOR TO THE MOBILIZATION AND COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROVIDING CRITICAL SUBMITTALS, AS DETERMINED BY THE PBC, WITHIN THIRTY (30) DAYS OF ISSUANCE OF THE NTP.

TREE PLANTING SCHEDULE

SYMBOL	NAME	COMMON NAME	QUANTITY
 SR	SYRINGA RETICULATA	IVORY SILK	4 EACH
		TOTALS	4 EACH
• SPRING PLANTING			

MODEL: Model
FILE NAME: p:\w\cdot\tech-pw\benfley.com\cdot\tech-pw\Documents\Projects\3153-Special Requests\WPA_Update\88th_Street_Holland_to_Dead_End\Sheets\315-FS-05-sht-gen-note-02



USER NAME = aif	DESIGNED - TJC	ADDENDUM NO. 1
	DRAWN - TJC	REVISED -
		ADDENDUM NO. 2
PLOT SCALE = 20.00 sf / in.	CHECKED - NV	REVISED -
		ADDENDUM NO. 3
PLOT DATE = 4/30/2025	DATE - 04/22/2025	ISSUE TO BID - 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	3
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

ITEM#	DESCRIPTION	UNIT	QUANTITY
1	TREE REMOVAL (1 TO 6 UNITS DIAMETER)	UNIT	0
2	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	16
3	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	144
4	TREE PROTECTION	EACH	4
5	ROOT PRUNING	FOOT	0
6	EARTH EXCAVATION	CU YD	814
7	TRENCH BACKFILL	CU YD	1121
8	TRENCH BACKFILL, WATERMAIN	CU YD	435
9	TOPSOIL FURNISH AND PLACE, 4-INCH	SQ YD	395
10	SHREDDED HARDWOOD BARK MULCH	SQ YD	18
11	SODDING, SALT TOLERANT	SQ YD	395
12	TREE, ORNAMENTAL, 2.5" - 3.0" CALIPER, BALLED AND BURLAPPED (OPEN AREAS)	EACH	4
13	TREE, SHADE, 2.0" - 3.0" CALIPER, BALLED AND BURLAPPED (OPEN AREAS)	EACH	0
14	INLET FILTERS	EACH	7
15	SUBBASE GRANULAR MATERIAL, TYPE B, 6-INCH	CU YD	340
16	PORTLAND CEMENT CONCRETE BASE COURSE, 7-INCH	SQ YD	0
17	PORTLAND CEMENT CONCRETE BASE COURSE, 9-INCH	SQ YD	1944
18	BITUMINOUS MATERIALS (TACK COAT)	POUND	1394
19	LEVELING BINDER (HAND METHOD), N50	TON	3
20	LEVELING BINDER (MACHINE METHOD), N50 1-1/2 INCH	TON	167
21	HOT-MIX ASPHALT SURFACE COURSE, IL-19, MIX "D", N50, 2 INCH	TON	227
22	HOT-MIX ASPHALT SPEED HUMPS	EACH	0
23	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10 INCH	CU YD	0
24	PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY PAVEMENTS, 8-INCH	SQ YD	69
25	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3588
26	PORTLAND CEMENT CONCRETE ADA RAMP 5 INCH	SQ FT	345
27	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	300
28	PORTLAND CEMENT CONCRETE ADA RAMP 8 INCH	SQ FT	250
29	LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	40
30	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	21
31	PAVEMENT REMOVAL	SQ YD	2463
32	CURB REMOVAL	FOOT	0
33	COMBINATION CURB AND GUTTER REMOVAL	FOOT	197
34	SIDEWALK REMOVAL	SQ FT	3427
35	SAW CUTTING PAVEMENT	FOOT	787
36	CONCRETE COLLAR	CU YD	0
37	HOUSE DRAIN, "PRIVATE DRAIN", EXTRA STRENGTH VITRIFIED CLAY PIPE, TYPE 1, 6 INCH	FOOT	0
38	HOUSE DRAIN, DUCTILE IRON PIPE, TYPE 1, 6 INCH	FOOT	0
39	STORM SEWER, EXTRA STRENGTH VITRIFIED CLAY PIPE, TYPE 2, 8 INCH	FOOT	0
40	STORM SEWER, EXTRA STRENGTH VITRIFIED CLAY PIPE, TYPE 2, 12 INCH	FOOT	0
41	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 8 INCH	FOOT	80
42	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 10 INCH	FOOT	0
43	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 12 INCH	FOOT	0
44	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 24 INCH	FOOT	110
45	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 48-INCH	FOOT	0
46	STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 36-INCH	FOOT	345
47	STORM SEWER, REINFORCED CONCRETE PIPE, TYPE 2, 36-INCH	FOOT	390
48	STORM SEWER, REINFORCED CONCRETE PIPE, TYPE 2, 42-INCH	FOOT	0
49	STORM SEWER, REINFORCED CONCRETE PIPE, TYPE 2, 48 INCH	FOOT	0
50	EXISTING SEWER TO BE REMOVED	FOOT	105
51	SEWER CLEANING AND TELEVISIONG	FOOT	2173
52	DUCTILE IRON WATERMAIN TEE, 8" X 6"	EACH	0
53	DUCTILE IRON WATERMAIN TEE, 8" X 8"	EACH	4
54	DUCTILE IRON WATERMAIN TEE, 12" X 8"	EACH	0
55	DUCTILE IRON WATERMAIN TEE, 12" x 12"	EACH	0
56	DUCTILE IRON WATERMAIN 6"	FOOT	0
57	WATERMAIN INSTALLED IN OPEN CUT, 8"	FOOT	915
58	WATERMAIN INSTALLED IN OPEN CUT, 12"	FOOT	0
59	WATER VALVE, 8"	EACH	3
60	WATER VALVE, 12"	EACH	0
61	DUCTILE IRON WATERMAIN FITTINGS 6" 45 DEGREE BEND	EACH	3
62	DUCTILE IRON WATERMAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	0
63	DUCTILE IRON WATERMAIN FITTINGS 8" 22.5 DEGREE BEND	EACH	0
64	DUCTILE IRON WATERMAIN FITTINGS 8" 45 DEGREE BEND	EACH	10
65	DUCTILE IRON WATERMAIN FITTINGS 12" 45 DEGREE BEND	EACH	0
66	WATER SERVICE LINE 1"	FOOT	0
67	REMOVE EXISTING FIRE HYDRANT	EACH	2
68	HYDRANT INSTALLATION	EACH	2
69	FIRE HYDRANTS (SPECIAL - FLUSHING HYDRANT)	EACH	1
70	REMOVE EXISTING VALVE AND VAULT	EACH	3
71	TRANSITION SLEEVE, 6"	EACH	0
72	TRANSITION SLEEVE, 8"	EACH	4
73	TRANSITION SLEEVE, 12"	EACH	0
74	WATERMAIN CAP, 6"	EACH	0
75	WATER SERVICE CONNECTION 1-INCH	EACH	0

ITEM#	DESCRIPTION	UNIT	QUANTITY
76	DUCTILE IRON MJSLEEVE, 8"	EACH	0
77	RESILIENT WEDGE VALVE 6"	EACH	0
78	RESILIENT WEDGE VALVE 8"	EACH	0
79	WATER SERVICE SHUT OFF BOX REMOVAL AND REPLACEMENT	EACH	0
80	12" PVC ENCASMENT	FOOT	0
81	VALVE BOX REMOVAL	EACH	0
82	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	7
83	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
84	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
85	MANHOLE, 5 FT DIAMETER, TYPE A, FRAME AND CLOSED LID (CITY OF CHICAGO)	EACH	3
86	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	0
87	CATCH BASINS TO BE ADJUSTED	EACH	0
88	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6
89	CATCH BASINS, TYPE A, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
90	MANHOLES, TYPE A, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	6
91	MANHOLES, TYPE B, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1
92	MANHOLES, TYPE C SINGLE-DROP, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
93	TUMBLING BASIN, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
94	TUMBLING BASIN, TYPE A, 5 FT DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1
95	TUMBLING BASIN, TYPE A, 6 FT DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	0
96	ADDITIONAL MASONRY	FOOT	2
97	VORTEX RESTRICTOR	EACH	0
98	FRAMES	EACH	1
99	LIDS	EACH	1
100	REMOVING MANHOLES	EACH	1
101	REMOVING CATCH BASINS	EACH	4
102	REMOVING INLETS	EACH	0
103	CONCRETE CURB, TYPE B	FOOT	115
104	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V12	FOOT	1611
105	CONSTRUCTION SIGN	EACH	2
106	CHAIN LINK FENCE, 6	FOOT	0
107	REMOVAL, CHAIN LINK FENCE	FOOT	0
108	ENGINEER'S FIELD OFFICE	CAL MONTH	0
109	NON-SPECIAL WASTE DISPOSAL	CU YD	628
110	SOIL DISPOSAL ANALYSIS	EACH	1
111	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
112	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
113	REGULATED SUBSTANCES MONITORING	CAL DAY	20
114	TRAFFIC CONTROL COMPLETE	L SUM	1
115	AGGREGATE FOR TEMPORARY ACCESS	TON	70
116	SIGN PANEL, TYPE 1, RETROREFLECTIVE	SQ FT	21
117	REMOVE AND SALVAGE SIGN PANEL	EACH	5
118	REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY	EACH	2
119	SIGN SUPPORT POST, DIG METHOD	EACH	0
120	SIGN SUPPORT POST, DRILL METHOD	EACH	0
121	THERMOPLASTIC PAVEMENT MARKING, LINE 6 IN	FOOT	123
122	THERMOPLASTIC PAVEMENT MARKING, LINE 12 IN	FOOT	0
123	THERMOPLASTIC PAVEMENT MARKING, LINE 24 IN	FOOT	0
124	DETOUR AND ROAD CLOSURE	ALLOWANCE	1
125	CONDUIT IN TRENCH, PVC (SCHEDULE 80), 2" DIA	FOOT	26
126	CONDUIT IN TRENCH, PVC (SCHEDULE 80), 3" DIA	FOOT	0
127	CONDUIT, DIRECTIONAL BORED, COILABLE NONMETALLIC CONDUIT, SCHEDULE 80, 1 1/4" DIA	FOOT	795
128	CONDUIT, DIRECTIONAL BORED, COILABLE NONMETALLIC CONDUIT, SCHEDULE 80, 2" DIA	FOOT	96
129	TRENCH AND BACKFILL WITH SCREENINGS	FOOT	26
130	INTERCEPT EXISTING CONDUIT	EACH	1
131	HANDHOLE, ELECTRIC, WITH 24" FRAME AND COVER	EACH	1
132	CLEAN EXISTING CITY MANHOLE OR HANDHOLE	EACH	0
133	DRILL EXISTING ELECTRIC HANDHOLE OR MANHOLE	EACH	0
134	ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6, 1-1/C NO. 8 GROUND	FOOT	1067
135	LUMINAIRE, LED, ACORN, ARTERIAL, RESIDENTIAL	EACH	9
136	LUMINAIRE, LED, COBRA HEAD, RESIDENTIAL	EACH	9
137	CONTROLLER, STREET LIGHTING, POLE MOUNTED, CONSTANT POWER, 1-PHASE, 120/240V, 60A	EACH	1
138	LIGHT POLE, ALUMINUM, DAVIT, 18 FT. M.H., 8 FT DAVIT ARM	EACH	8
139	LIGHT POLE, ALUMINUM, DAVIT, 18 FT. M.H., 12 FT DAVIT ARM	EACH	1
140	LIGHT POLE FOUNDATION, METAL, 10" BOLT CIRCLE, 8 5/8" X 5'	EACH	9
141	REMOVE EXISTING STREET LIGHTING EQUIPMENT	L SUM	1
142	BREAKDOWN CONCRETE FOUNDATION, LIGHT POLE	EACH	4
143	RELOCATE POLE COMPLETE	FOOT	0
144	DRILL AND GROUT TIE BARS, No. 5, EPOXY COATED	EACH	44
145	PROTECTIVE COAT	SQ YD	69
146	INSTALL CONDUIT INTO EXISTING HELIX FOUNDATION	EACH	0
147	GUARD POST	EACH	0
148	TYPE II TEMPORARY WATERMAIN SUPPORT	EACH	2
149	TYPE III TEMPORARY WATERMAIN SUPPORT	EACH	0
150	CATCH BASINS TO BE UNIDED	EACH	0
151	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	0

MODEL: Model
FILE NAME: p:\w\id\tech-pw.bentley.com\id\tech-pw\Documents\Projects\3153-Special Requests\WPA_Update\88th Street_Holland to Dead_End\Sheets\21-F5-05-sht-gen\03.dgn



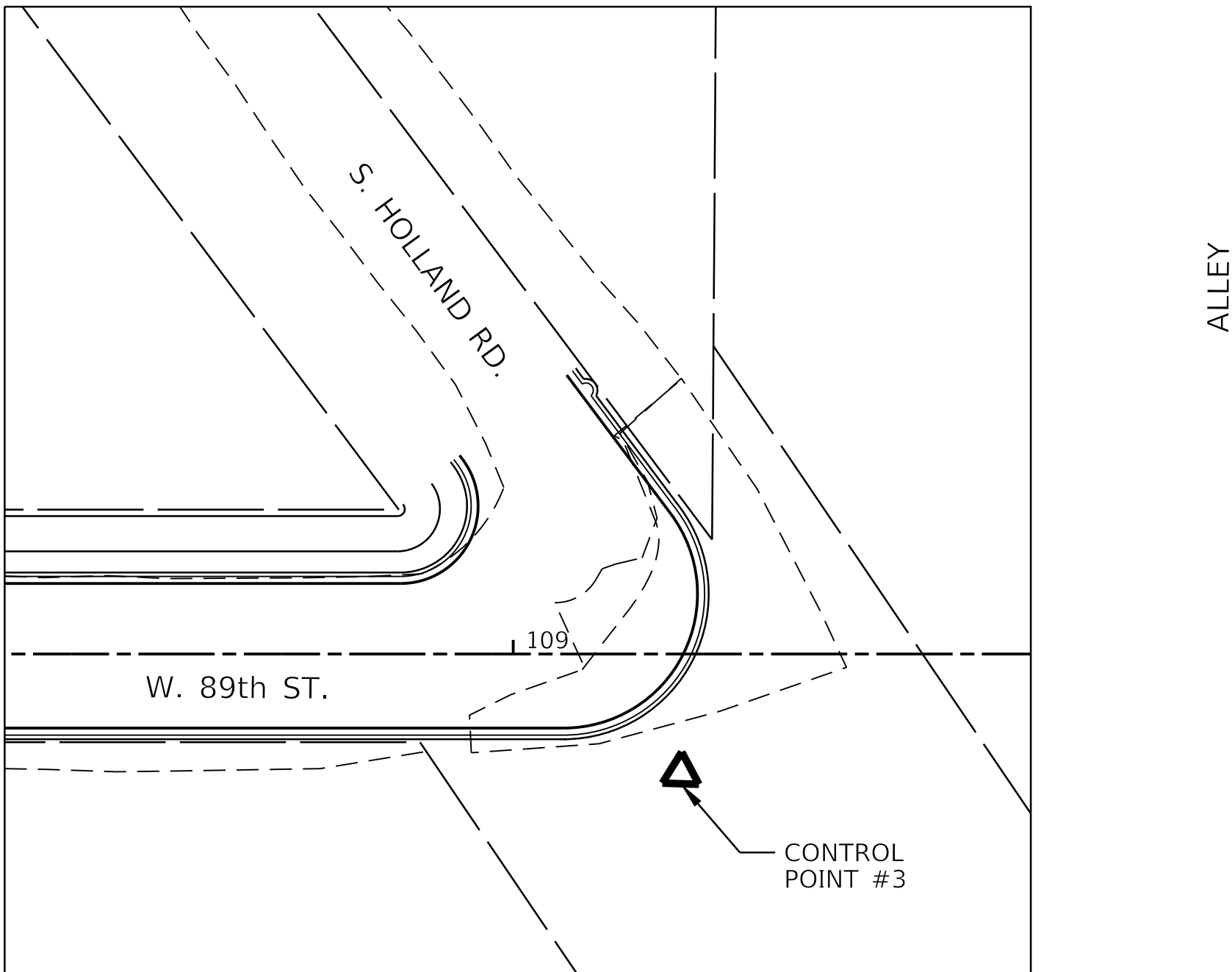
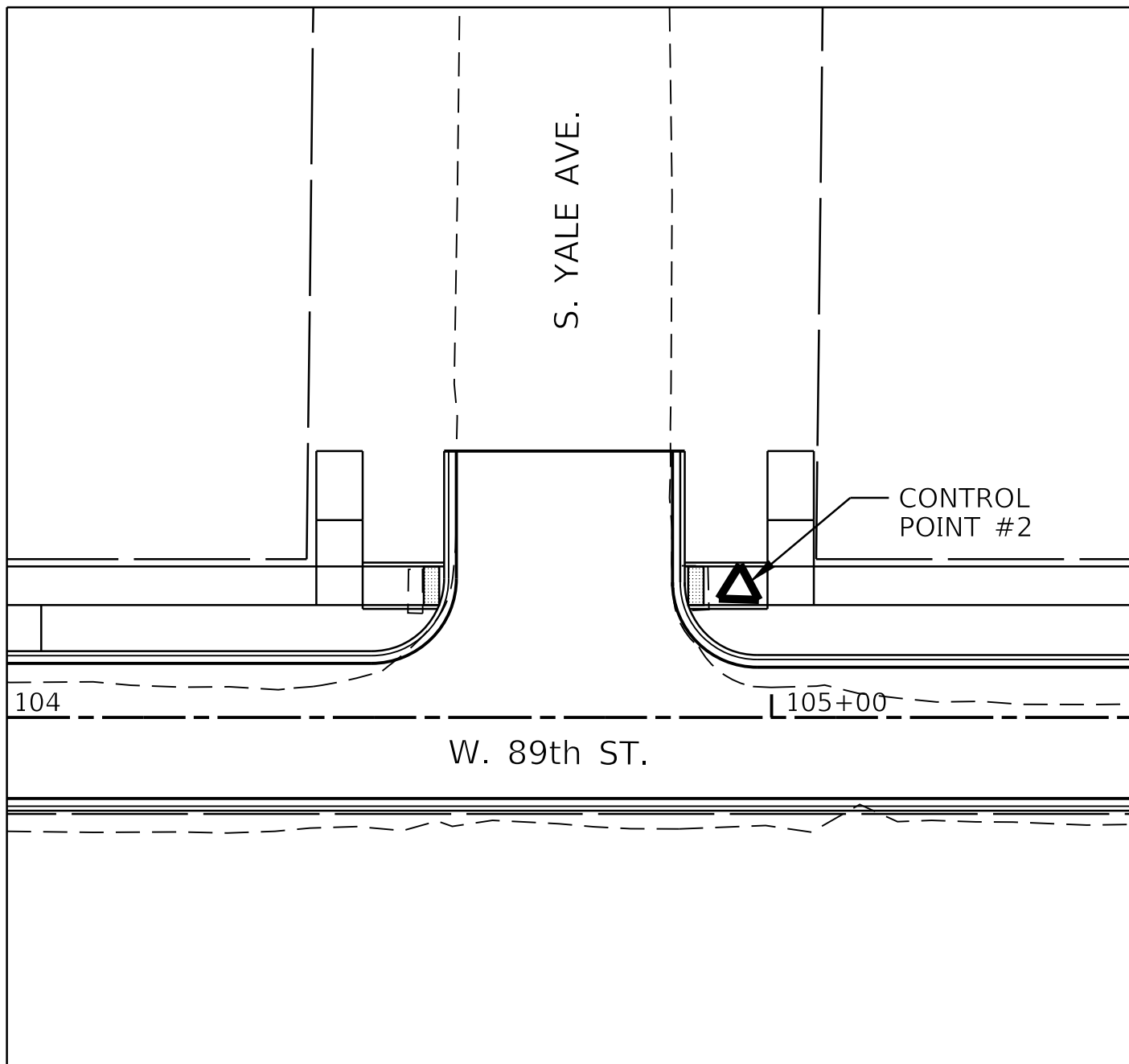
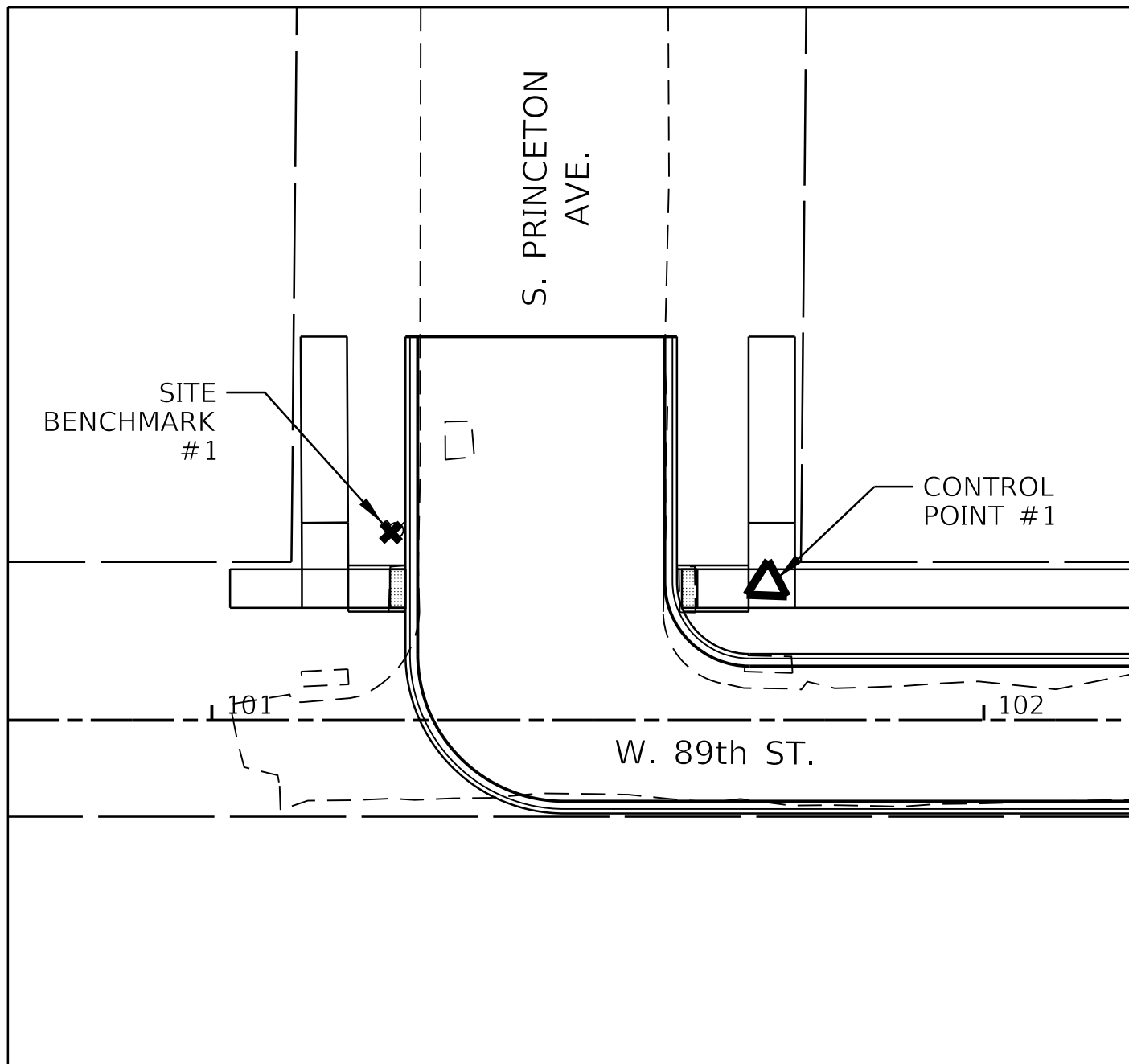
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	DRAWN - TJC	ADDENDUM NO. 2 REVISED -
PLOT SCALE = 20.00 sf / in.	CHECKED - NV	ADDENDUM NO. 3
PLOT DATE = 4/30/2025	DATE - 04/22/2025	ISSUE TO BID - 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

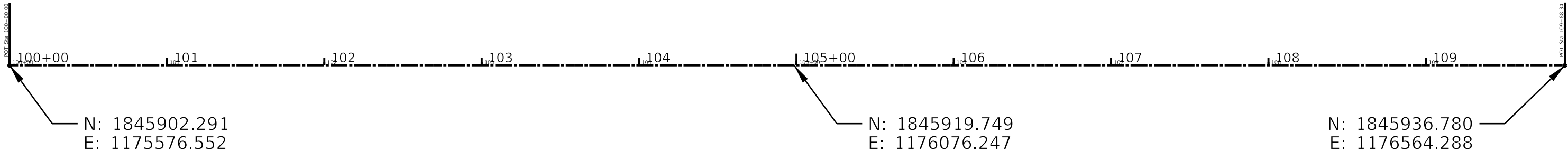
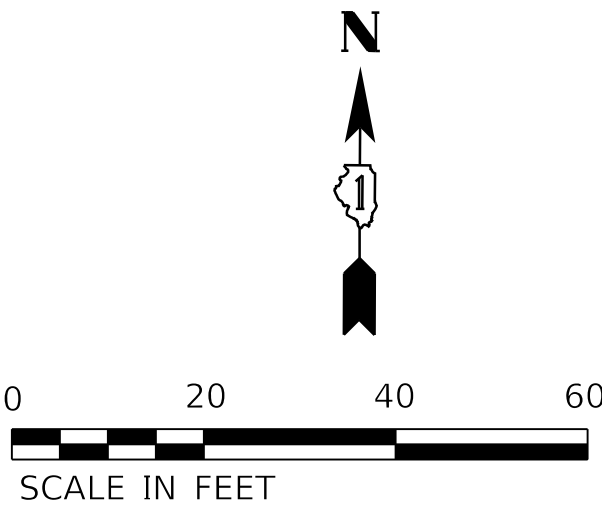
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	4
		ILLINOIS	FED. AID PROJECT	



ALIGNMENT TIES AND BENCHMARKS W. 89TH ST.

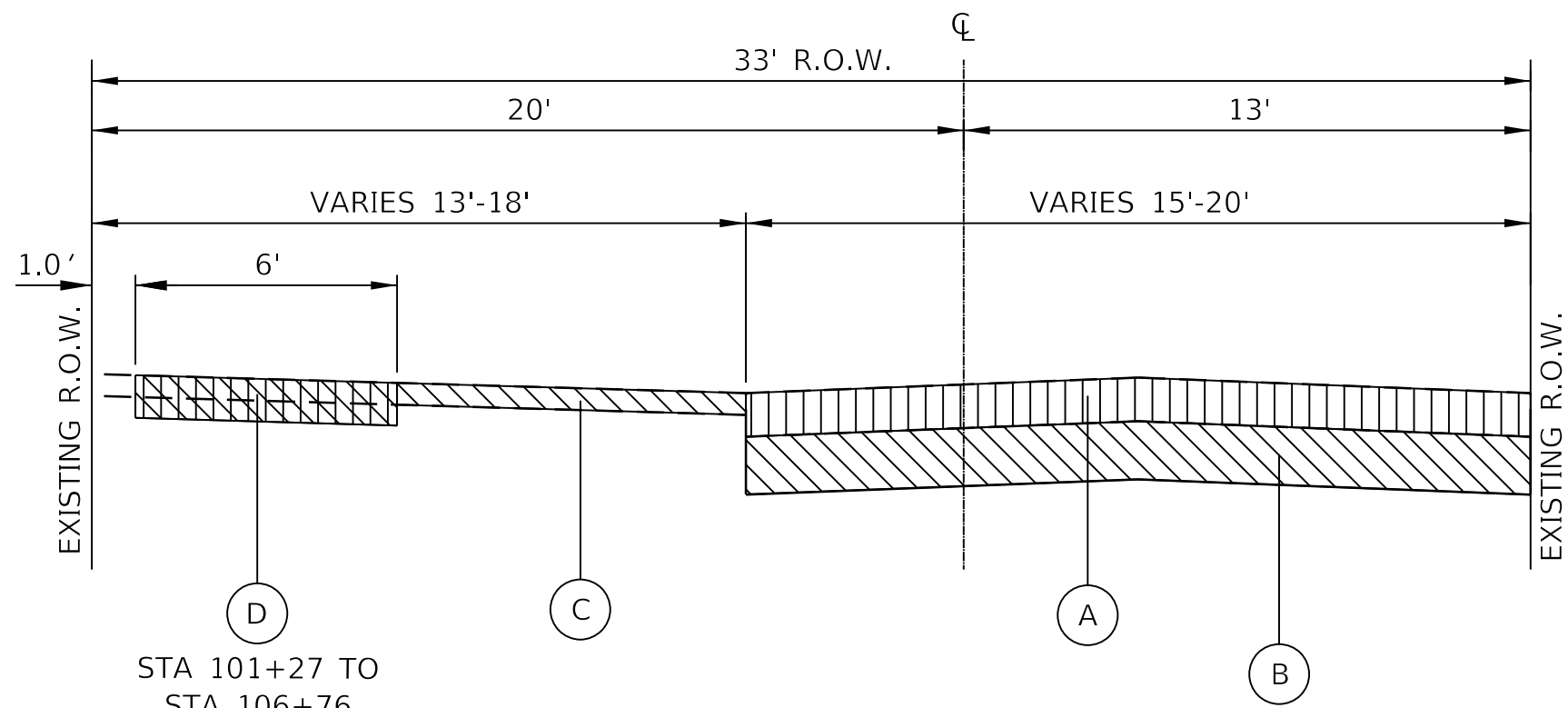
CONTROL POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION	STATION	OFFSET
CITY BENCHMARK #331	13.3' S. OF N. LINE OF W. 90TH ST. 13.7' W. OF W. LINE OF EGGLESTON AVE.	1845303.276	1174827.981	16.71	SEE NOTE	SEE NOTE
CITY BENCHMARK #375	15.9' W. OF E. LINE OF S. WABASH AVE. 2.0' S. OF S. LINE OF THE FIRST ALLEY SOUTH OF EAST 87TH ST.	1847154.405	1178268.238	8.09	SEE NOTE	SEE NOTE
BM #1	CHAIN BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF W. 89TH ST AND S. PRINCETON AVE	1845930.909	1175698.852	19.44	101+23.23	24.33' LT
CP #1	ADA RAMP LANDING AT NORTHEAST CORNER OF W. 89TH ST AND S. PRINCETON AVE	1845925.948	1175747.782	17.58	101+71.95	17.66' LT
CP #2	ADA RAMP AT NORTHEAST CORNER OF W. 89TH ST AND S. YALE AVE	1845936.409	1176071.474	21.69	104+95.81	16.82' LT
CP #3	WEST SIDE OF DRIVEWAY ENTRANCE ON SOUTHEAST CORNER OF W. 89TH ST AND S. HOLLAND RD	1845917.673	1176500.389	15.78	109+23.81	16.88' RT

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



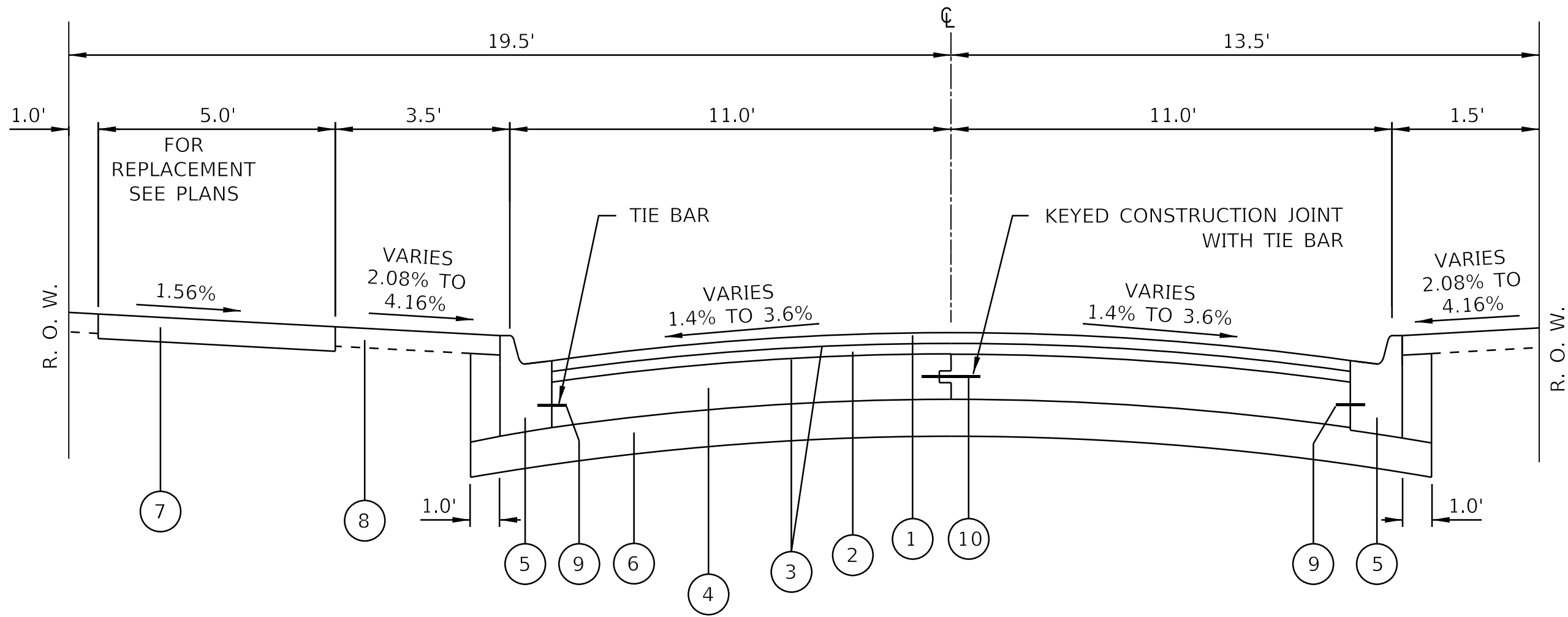
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EXISTING TYPICAL SECTION

W. 89TH ST.
STA. 101+27 TO 109+25
(NTS)



PROPOSED TYPICAL SECTION

W. 89TH ST.
STA. 101+27 TO 109+25
(NTS)

EXISTING LEGEND

- (A) EXISTING PAVEMENT (TO BE REMOVED, VARIES 5½" TO 7")
- (B) EXISTING GRANULAR SUBBASE (TO BE REMOVED, VARIES 4"TO 12"
- (C) EXISTING PARKWAY
- (D) EXISTING CONCRETE SIDEWALK (SEE NOTE 2)

REMOVAL LEGEND

- EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL

PROPOSED LEGEND

- (1) HOT MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
- (2) LEVELING BINDER COURSE, (MACHINE METHOD), N50, 1½"
- (3) BITUMINOUS MATERIALS (TACK COAT)
- (4) P.C.C. BASE COURSE, 9"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (7) P.C.C. SIDEWALK, 5" (SEE NOTES 1 & 2)
- (8) TOPSOIL, 4" AND SODDING
- (9) TIE BARS - # 5, 30" LONG SPACED @ 30" C-C (EPOXY COATED)
- (10) TIE BARS, DEFORMED - 1/2" DIA., SPACED @ 30" C-C (MAX.)

NOTES:

- NEW SIDEWALK SHALL BE CONSTRUCTED AT LOCATIONS AS NOTED ON THE PLANS.
- SIDEWALK SHALL BE REPLACED AT LOCATIONS NOTED ON THE PLANS OR AS DIRECTED BY THE COMMISSIONER.
- BITUMINOUS PRIME COAT MUST BE APPLIED AT THE RATE OF 0.05 TO 0.10 GALLONS PER SQUARE YARD. AGGREGATE PRIME 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 INTERSECTION, DRIVEWAYS AND ALLEYS. SEE PLANS.
- ALL SOIL AND OTHER EXCAVATED MATERIAL TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION" UNLESS OTHERWISE STATED. THE TRANSPORTATION AND DISPOSAL OF SOIL AND OTHER MATERIALS FROM AN EXCAVATION DETERMINED TO BE CONTAMINATED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PRICE PER CUBIC YARD FOR "NON-SPECIAL WASTE DISPOSAL."



USER NAME	= aif	DESIGNED -	TJC
		DRAWN -	TJC
PLOT SCALE	= 20.0000 ' / in.	CHECKED -	NV
PLOT DATE	= 4/30/2025	DATE -	04/22/2025

ADDENDUM NO. 1
REVISED -
ADDENDUM NO. 2
REVISED -
ADDENDUM NO. 3
ISSUE TO BID -

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	6
		ILLINOIS		FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
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	GRADES CHECKED		
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	CADD FILE NAME		
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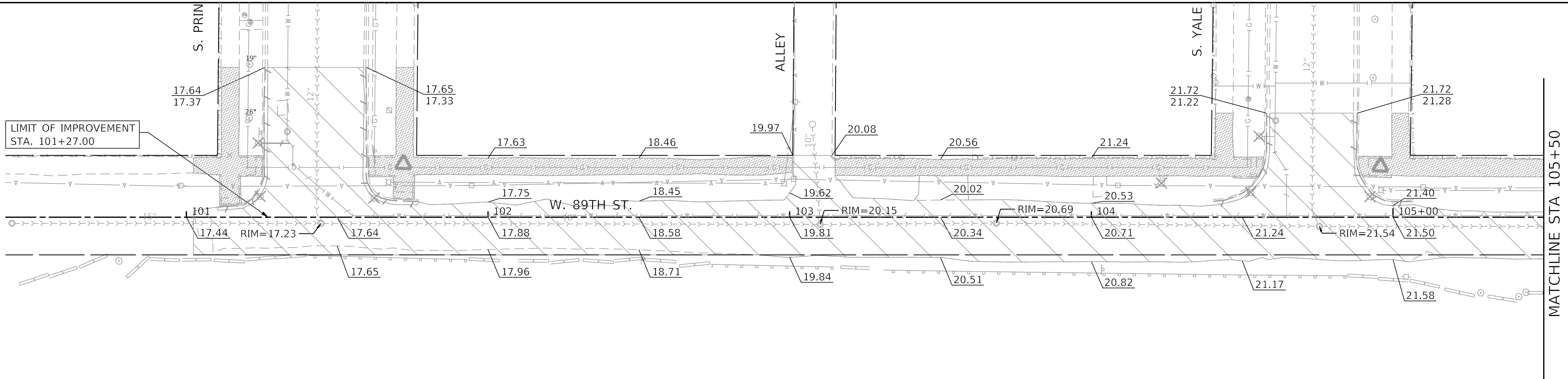
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REMOVAL LEGEND

- PAVEMENT REMOVAL
EARTH EXCAVATION
- SIDEWALK REMOVAL
- DRIVEWAY & ALLEY
PAVEMENT REMOVAL
- COMBINATION CURB
& GUTTER REMOVAL



EXISTING CONDITIONS

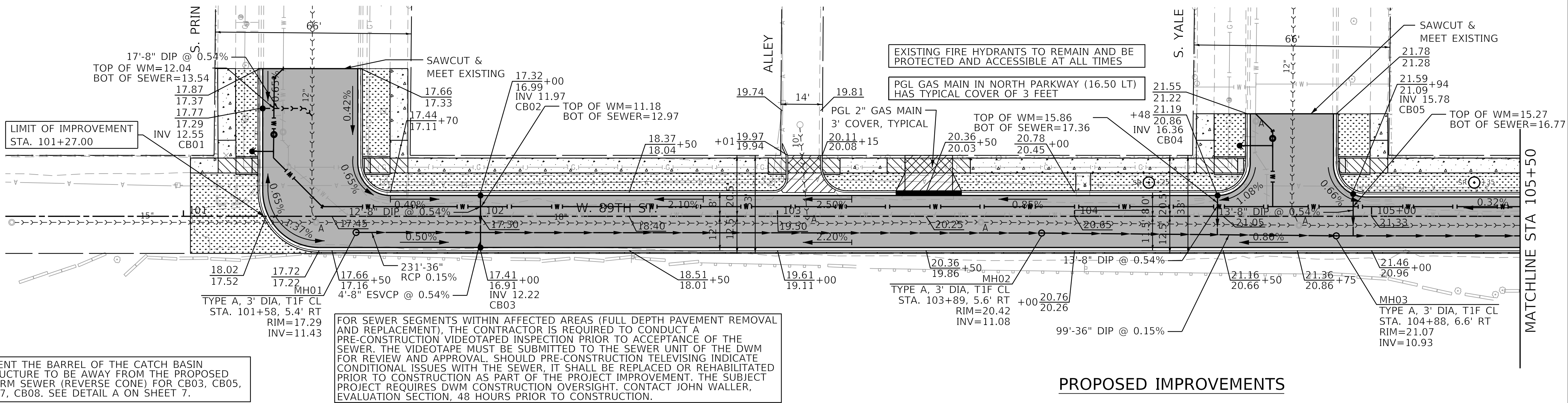


PROPOSED LEGEND

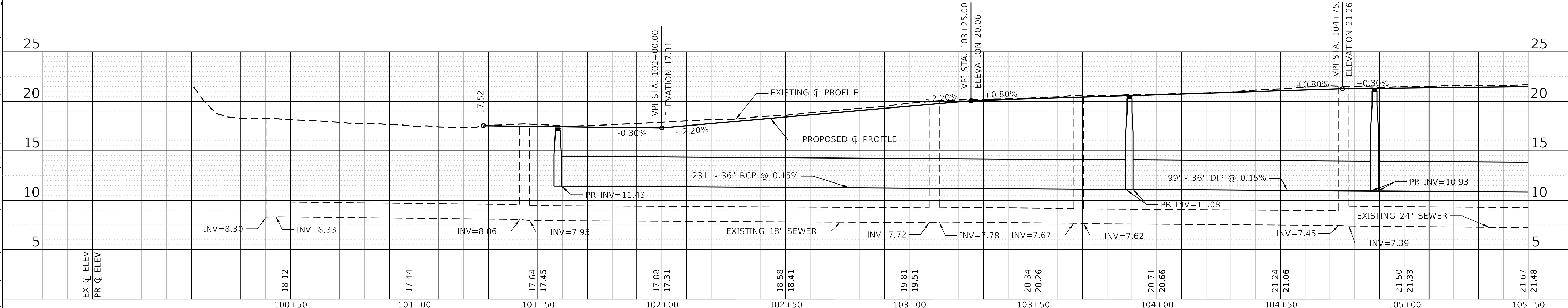
- PROPOSED PAVEMENT
RECONSTRUCTION
- PROPOSED ADA RAMP
- TACTILE/DETECTABLE WARNING TILES
- PROPOSED SIDEWALK, 5 INCH
- PROPOSED SIDEWALK, 8 INCH
- PROPOSED DRIVEWAY
AND ALLEY PAVEMENTS
- PROPOSED SODDING
- PROPOSED CURB AND GUTTER

TREE LEGEND

SR=IVORY SILK



PROPOSED IMPROVEMENTS



				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION				PLAN & PROFILE				F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
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PLOT DATE = 4/30/2025				DRAWN - NV				STA. 101+27 TO STA. 105+50							
				DATE - 4/30/2025											

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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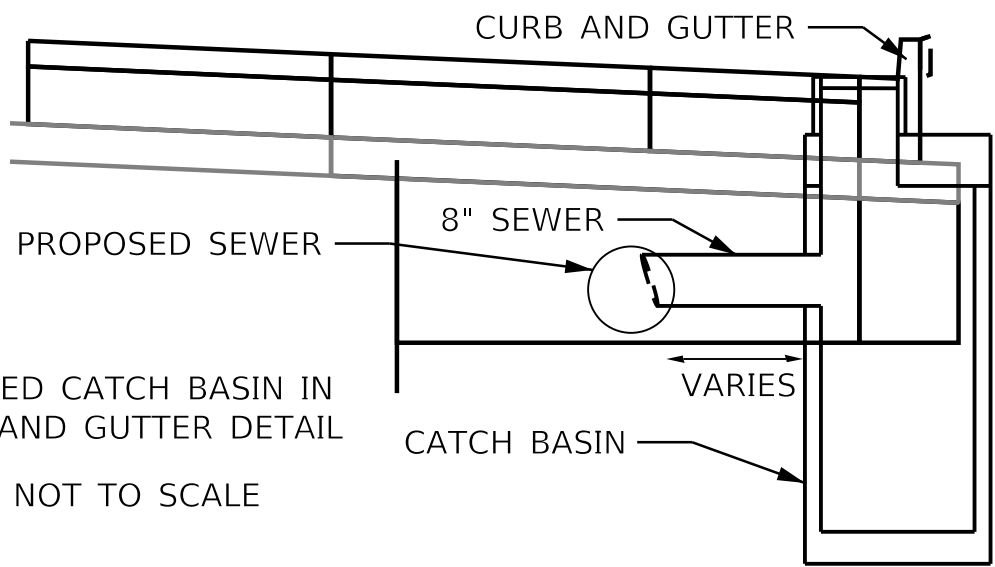
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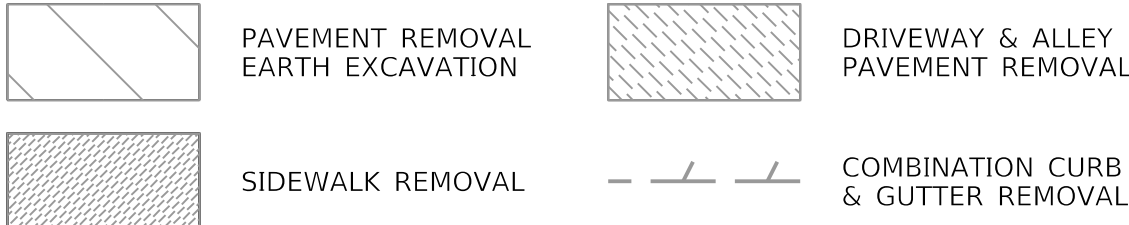


TREE REMOVAL:
1 WALNUT 24"
2 COTTONWOOD 33", 33"
1 MULBERRY 8"
1 SIBERIAN ELM 20"
1 TREE OF HEAVEN 8"

LIMIT OF IMPROVEMENT
STA. 200+64.31



REMOVAL LEGEND



EXISTING CONDITIONS



ORIENT THE BARREL OF THE CATCH BASIN STRUCTURE TO BE AWAY FROM THE PROPOSED STORM SEWER (REVERSE CONE) FOR CB03, CB05, CB07, CB08. SEE DETAIL A.

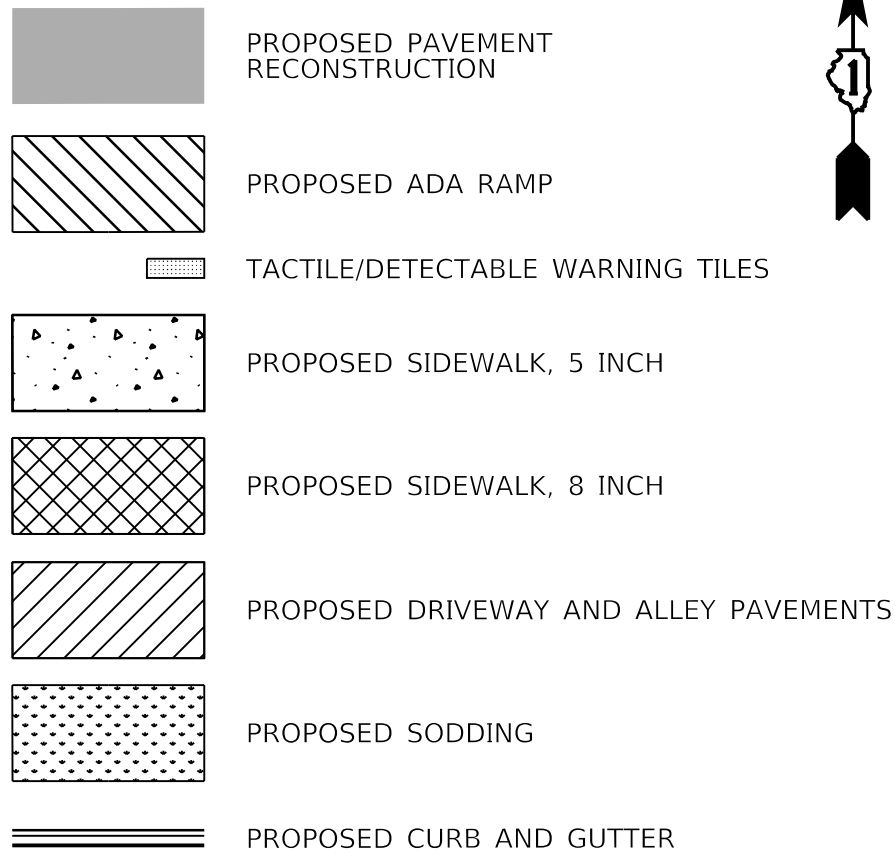
EXISTING FIRE HYDRANTS TO REMAIN AND BE PROTECTED AND ACCESSIBLE AT ALL TIMES

LIMIT OF IMPROVEMENT
STA. 200+64.31
SEE HOLLAND RD PLANS

FOR SEWER SEGMENTS WITHIN AFFECTED AREAS (FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT), THE CONTRACTOR IS REQUIRED TO CONDUCT A PRE-CONSTRUCTION VIDEOTAPE 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. THE SUBJECT PROJECT REQUIRES DWM CONSTRUCTION OVERSIGHT. CONTACT JOHN WALLER, EVALUATION SECTION, 48 HOURS PRIOR TO CONSTRUCTION.

TREE PLANTING (2.5" B&B)
SR 3 - SYRINGA RETICULATA 'IVORY SILK'

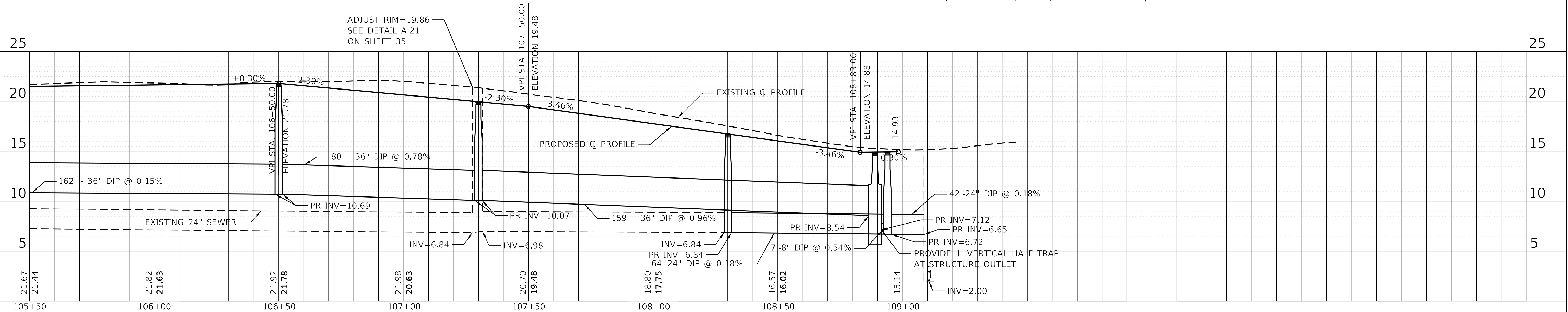
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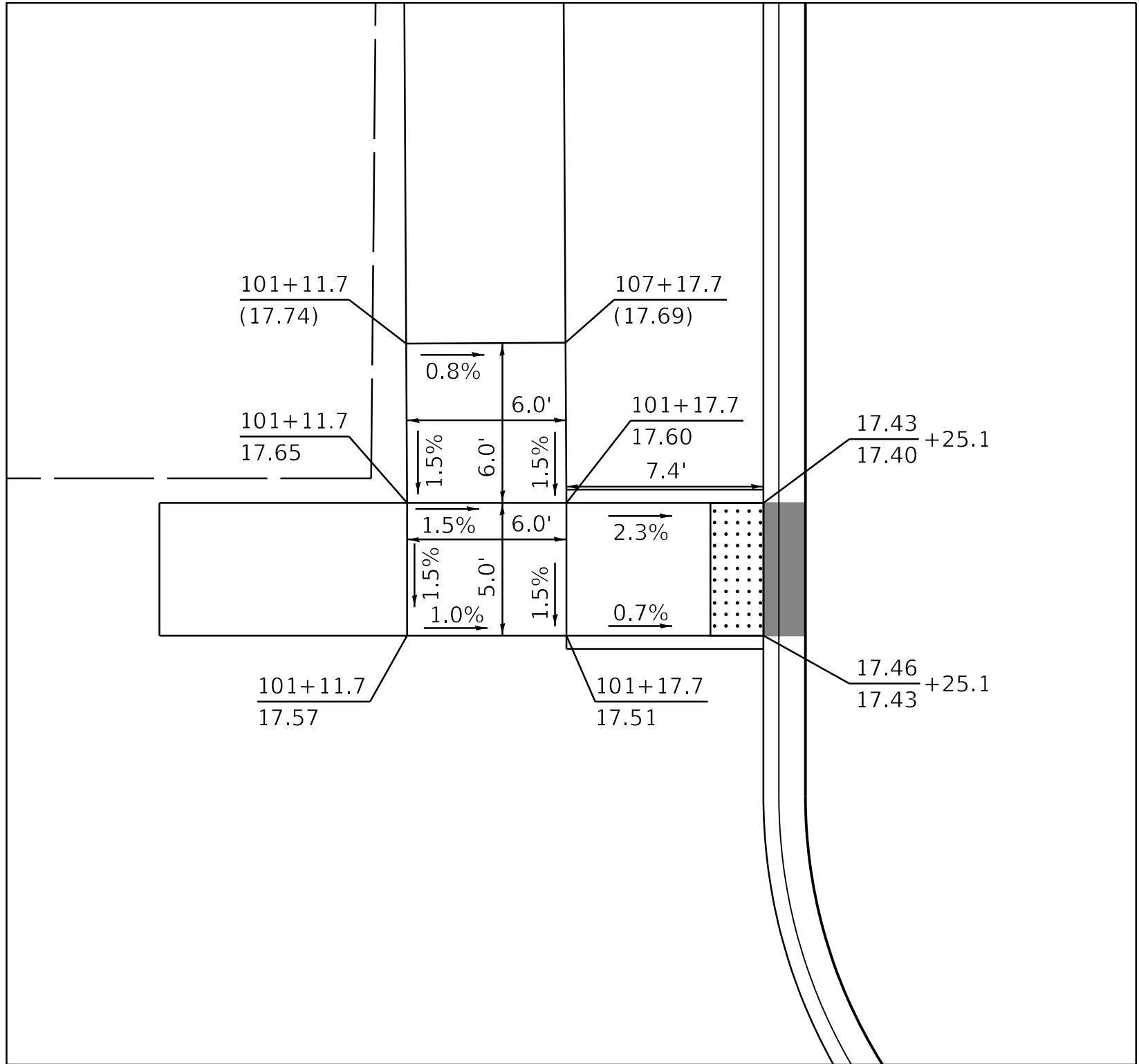
TREE LEGEND

SR=IVORY SILK

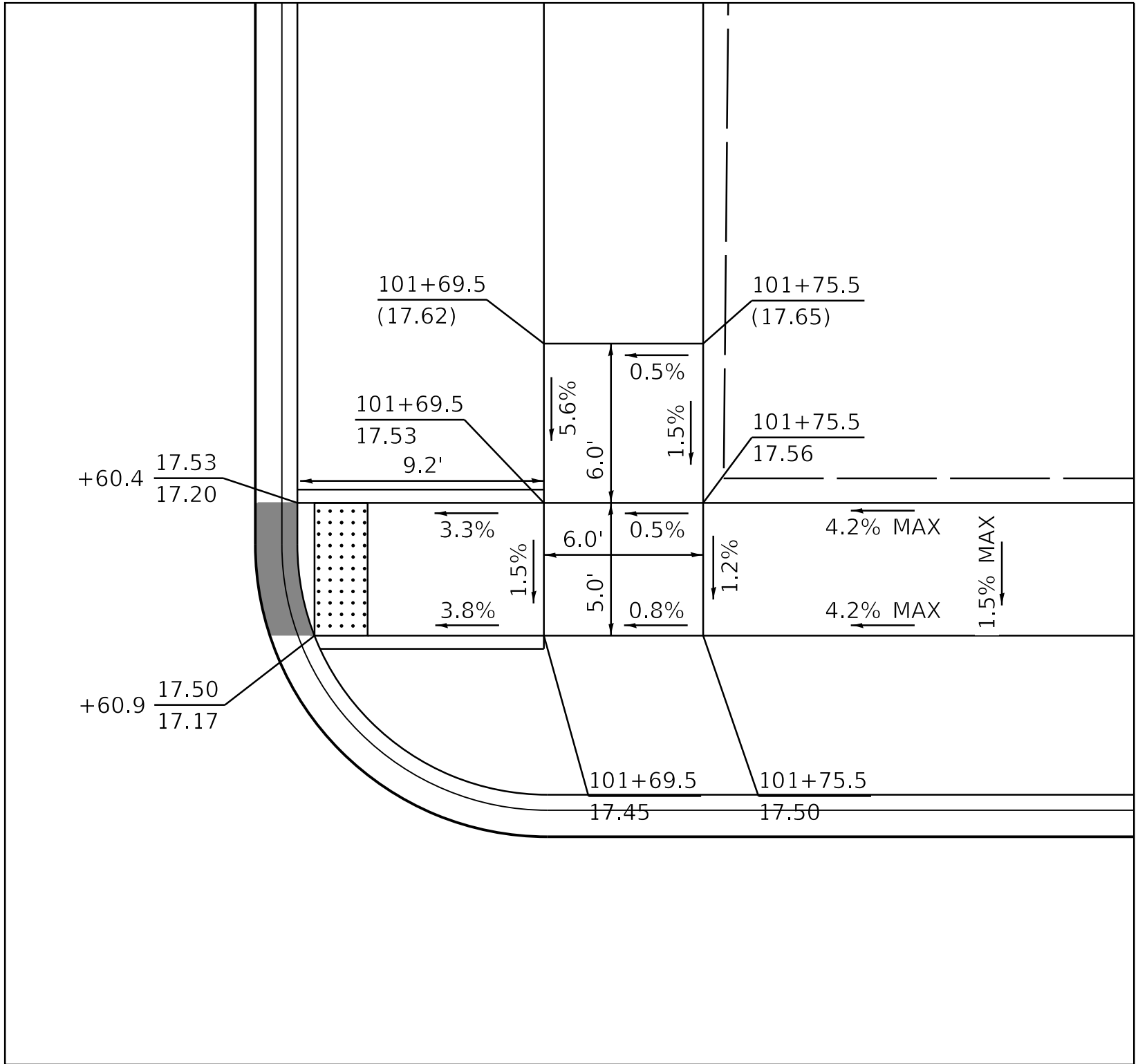
PROPOSED IMPROVEMENTS



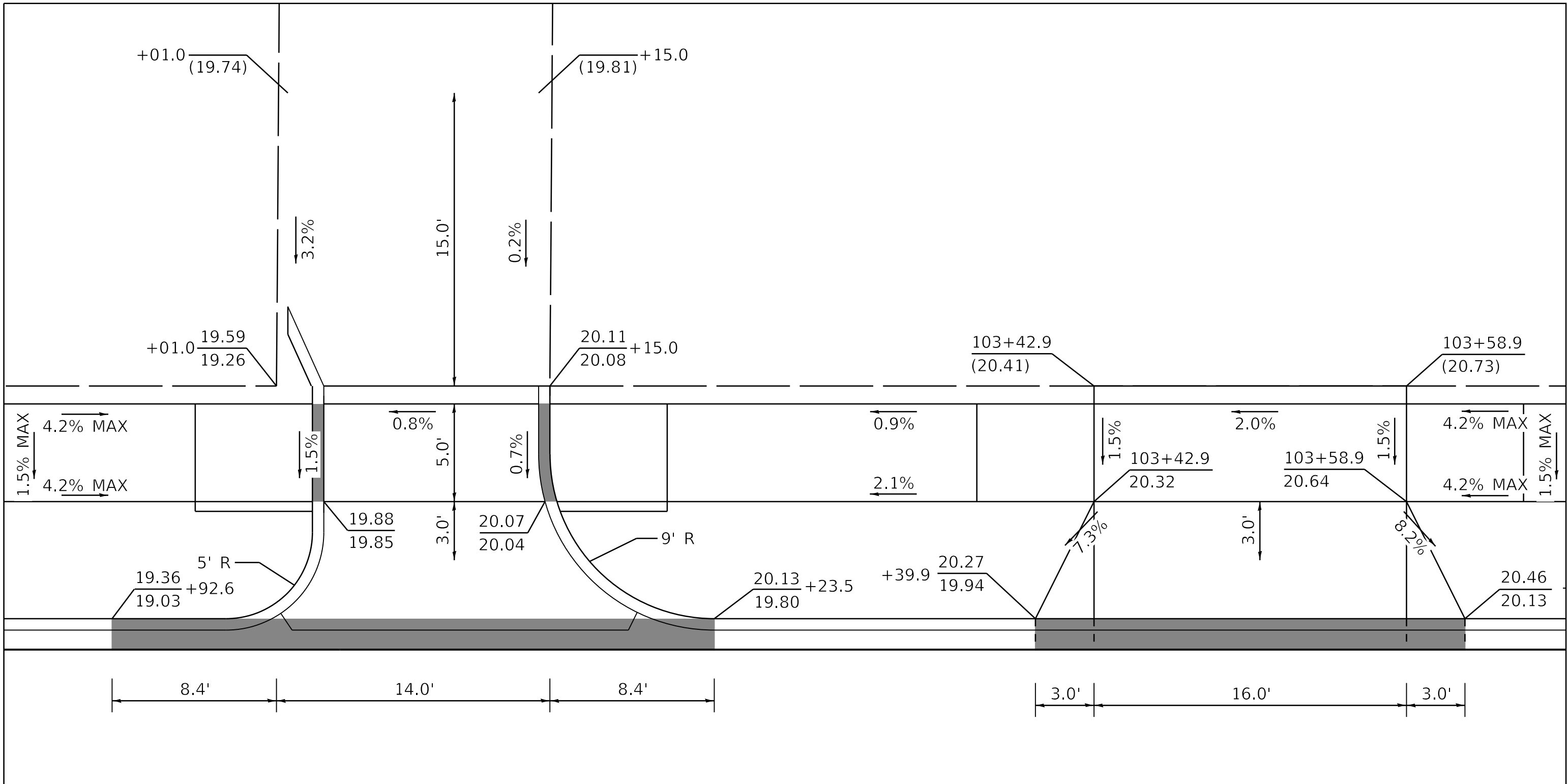
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		PLOT DATE = 4/30/2025		DRAWN - NV		ADDENDUM NO. 3															
				DATE - 4/30/2025		ISSUE TO BID - 5/6/2025										ILLINOIS		FED. AID PROJECT			



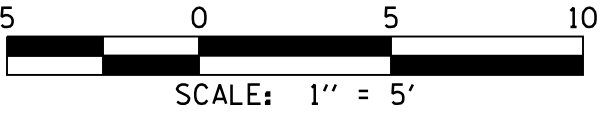
NW CORNER
W. 89TH ST & S. PRINCETON AVE



NE CORNER
W. 89TH ST & S. PRINCETON AVE



W. 89TH ST - WESTBOUND
STA. 103+08



NOTES

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

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

HP - HIGH POINT

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

SC = TOP OF SIDE CURB

■ - DEPRESSED CURB

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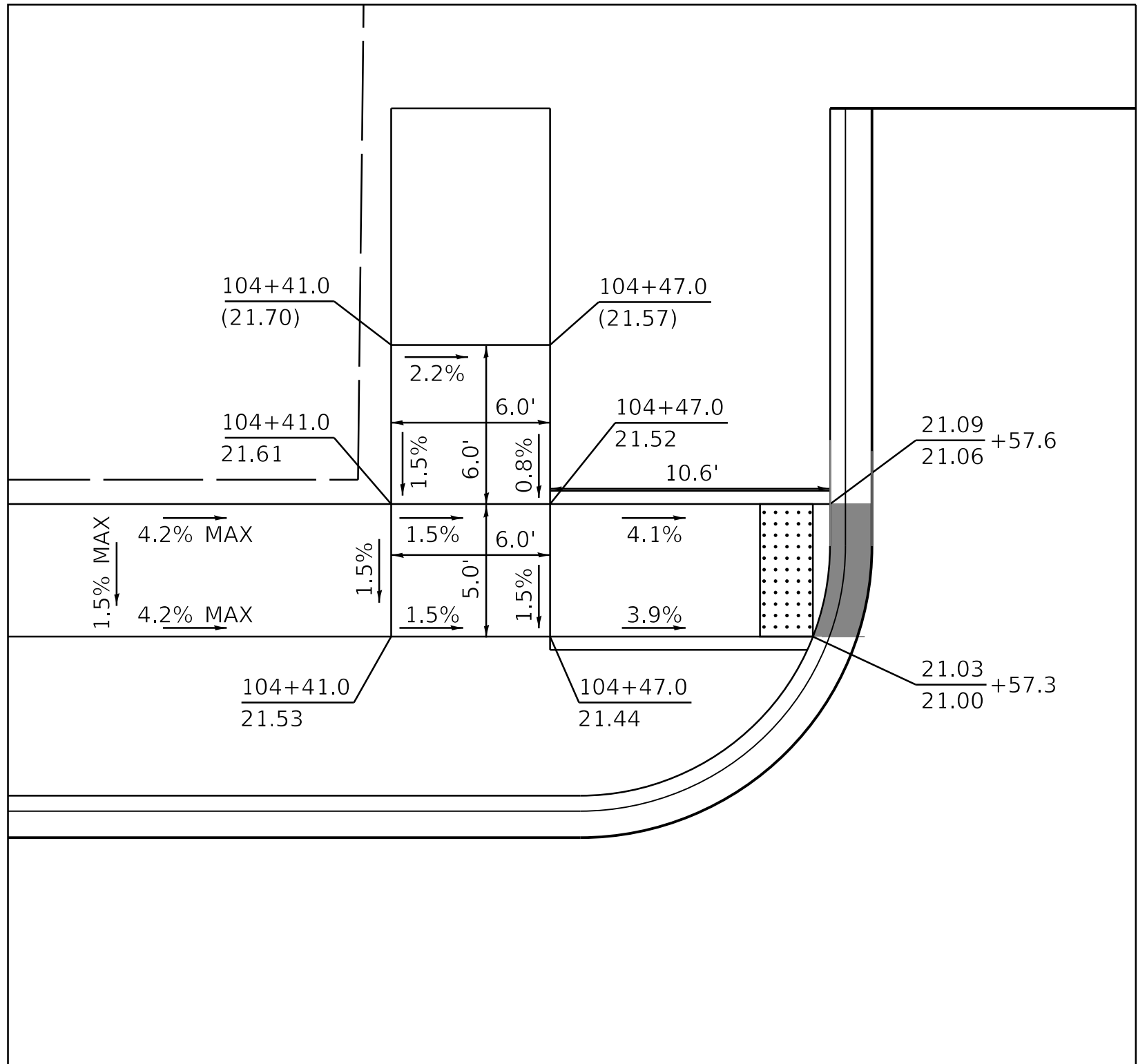
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ADDENDUM NO. 2	
REVISED -	
ADDENDUM NO. 3	
ISSUE TO BID -	5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

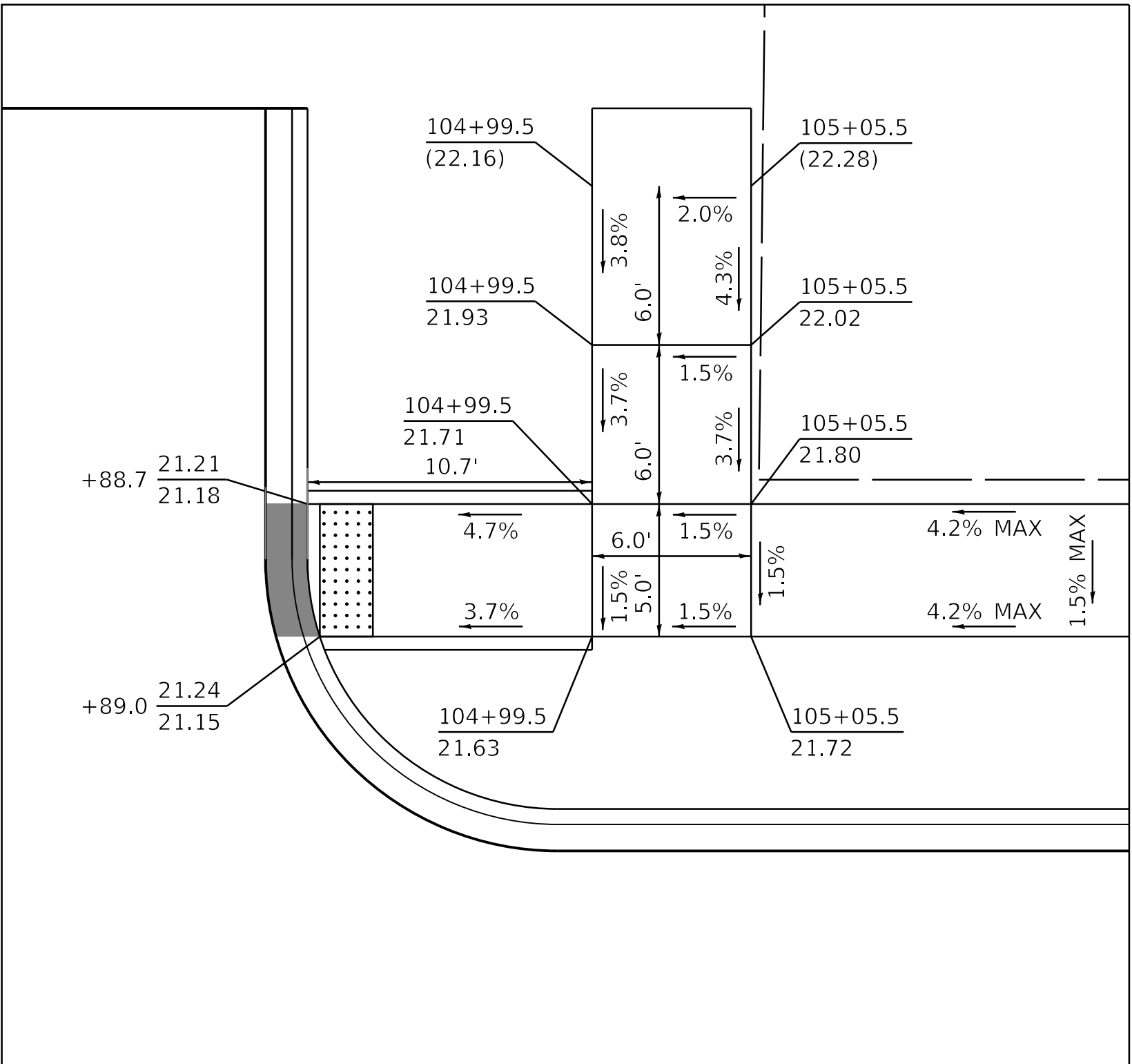
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SCALE: 1:5 SHEET 1 OF 2 SHEETS STA. TO STA.

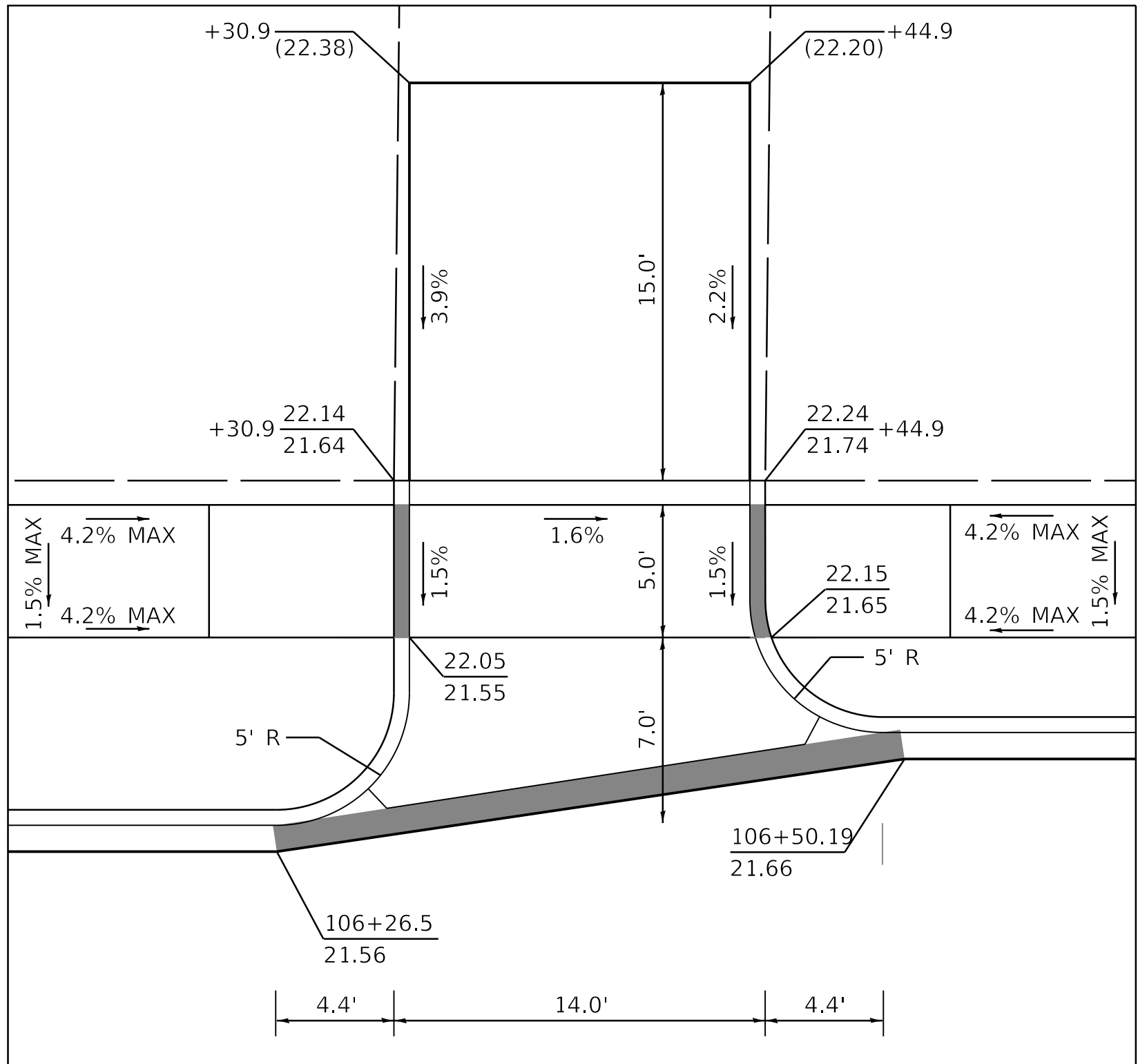
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



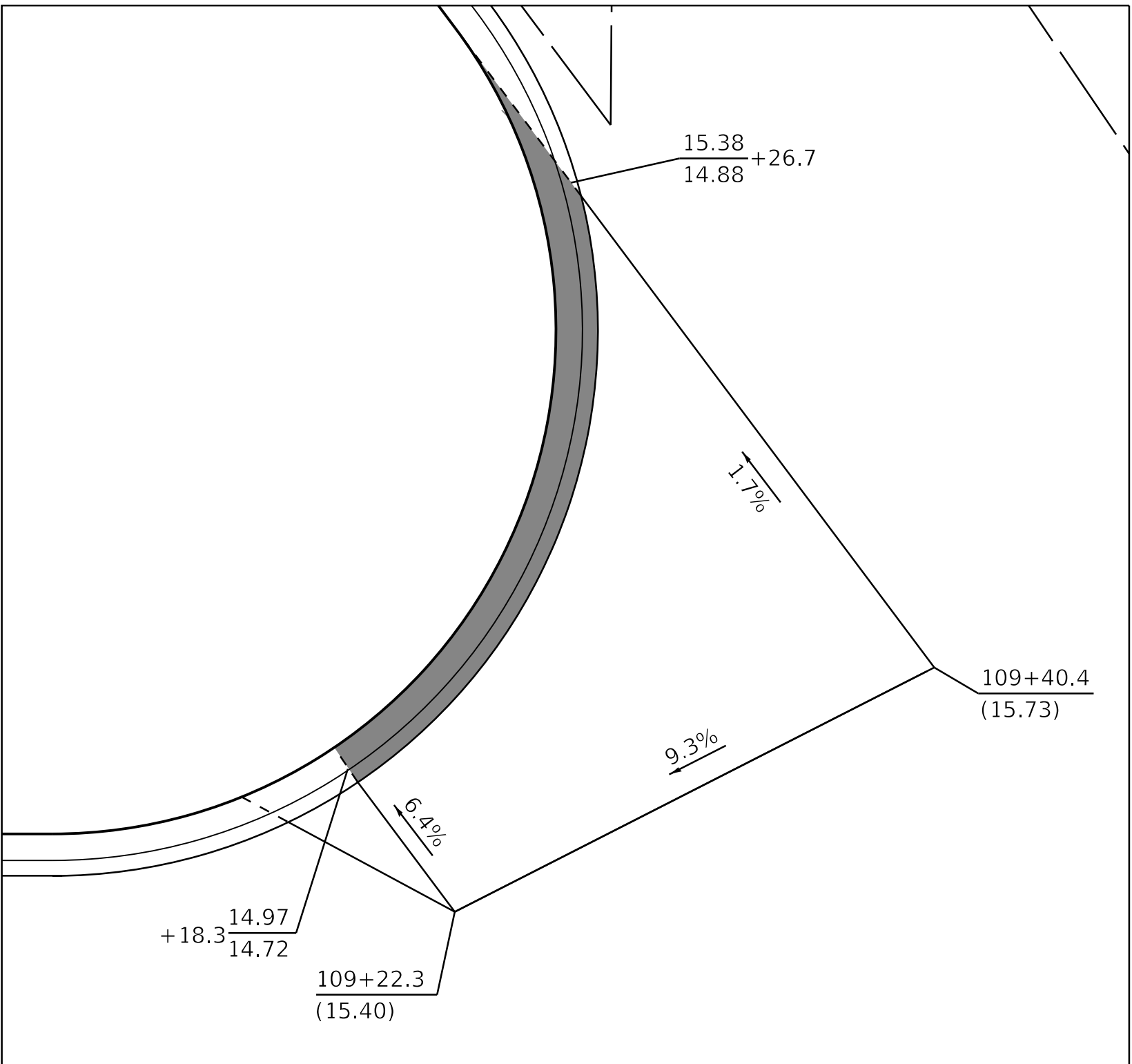
NW CORNER
W. 89TH ST & S. YALE AVE



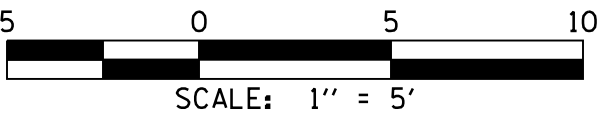
NE CORNER
W. 89TH ST & S. YALE AVE



W. 89TH ST - WESTBOUND
STA. 106+38



SE CORNER - DRIVEWAY
W. 89TH ST & S. HOLLAND RD



- NOTES**
- X.XX - PROPOSED ELEVATION
 - (X.XX) - EXISTING ELEVATION
 - XX.XX - TOP OF CURB ELEVATION
 - XX.XX - FLOWLINE ELEVATION
 - HP - HIGH POINT
 - VARY CURB HEIGHT AS NEEDED TO ACHIEVE ELEVATIONS AS SHOWN. (MINIMUM CURB HEIGHT = 3")
 - SC = TOP OF SIDE CURB
 - DEPRESSED CURB

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PLOT DATE	= 4/30/2025	DATE -	04/22/2025

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ISSUE TO BID -	5/6/2025

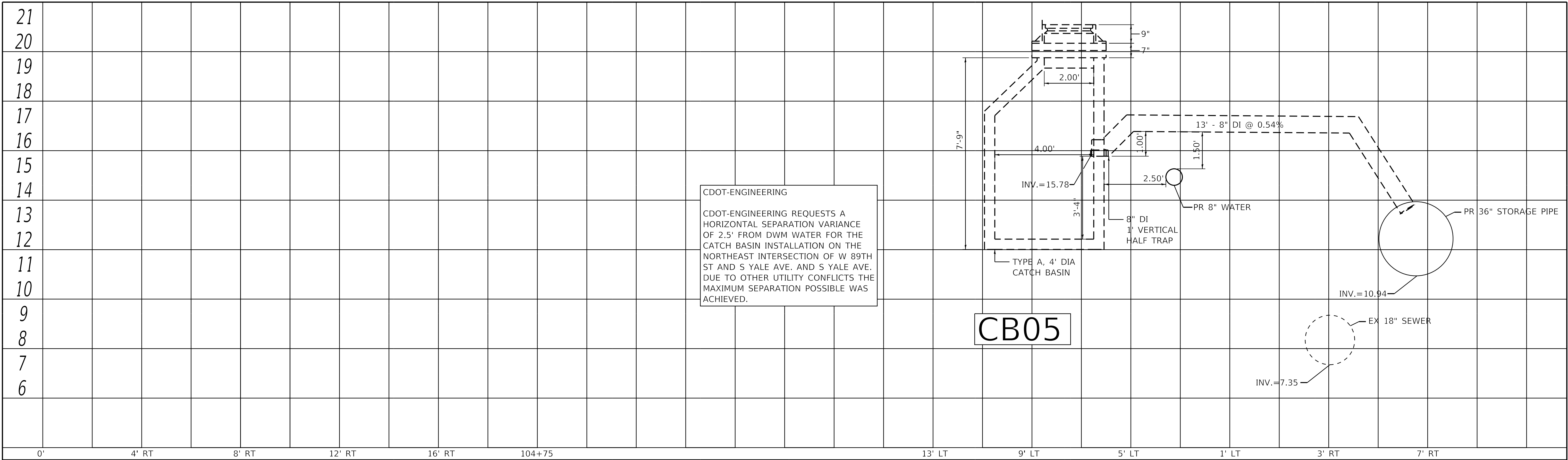
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS

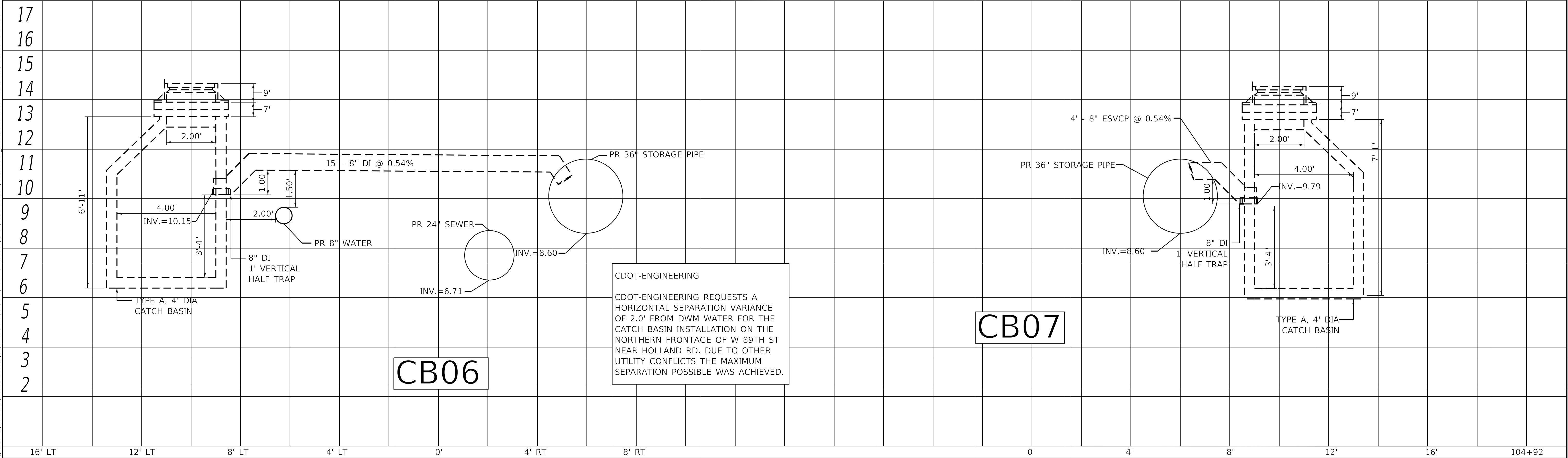
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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



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



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

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

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- ① SEE SHEET 2 ② SEE SHEET 2 2b) SEE SHEET 2
- 1a) SEE SHEET 2 2a) SEE SHEET 2
- ③ SET: 1 - 8" x 8" 3BMJ TEE @ 27' E.W.L. OF S. YALE AVE. 17' S.N.L. OF W. 89TH ST.
- ④ SET: 1 - FH ASSEMBLY @ 16' E.W.L. OF S. YALE AVE. 3' N.N.L. OF W. 89TH ST.
1 - 8"x8" 3BMJ TEE @ 27' E.W.L. OF S. YALE AVE. 3' N.N.L. OF W. 89TH ST.
11' OF 8" D.I. WM
FLANGE COLOR RED
- ⑤ SET: 1 - 8" MJ VALVE @ 27' E.W.L. OF S. YALE AVE. 6' N.N.L. OF W. 89TH ST.
CLOSE VALVE
- ⑥ SET: 1 - 8" ½ 2BMJ BEND @ 30' W.E.L. OF S. PRINCETON AVE. 17' S.N.L. OF W. 89TH ST.
- ⑦ SET: 1 - 8" ½ 2BMJ BEND @ 20' E.W.L. OF S. PRINCETON AVE. 1' S.N.L. OF W. 89TH ST.
- ⑧ SET: 1 - FH ASSEMBLY @ 13' E.W.L. OF S. PRINCETON AVE. 2' N.N.L. OF W. 89TH ST.
1 - 8"x8" 3BMJ TEE @ 20' E.W.L. OF S. PRINCETON AVE. 2' N.N.L. OF W. 89TH ST.
7' OF 8" D.I. WM
FLANGE COLOR RED
- ⑨ SET: 1 - 8" MJ VALVE @ 20' E.W.L. OF S. PRINCETON AVE. 7' N.N.L. OF W. 89TH ST.
CLOSE VALVE
- ⑩ SEE SHEET 2
- ⑪ COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTIONS TO E/W WATER MAIN IN W 89TH ST. AT S. PRINCETON AVE.

- ⑫ DWM CREWS TO CUT CAP AND BRACE EX. 8" WM TO THE NORTH AND CONNECT PR. 8" WM TO EX. 8" WM FOR FINAL 8" CONNECTION @ 23' E.W.L. OF S. PRINCETON AVE. 16' N.N.L. OF W. 89TH ST.
WITH: 2 - 8" ½ 2BMJ BEND
1 - 8" TRANSITION SLEEVE
- ⑬ AFTER DWM CREWS MAKE CONNECTION OF NOTE 12: FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM S. PRINCETON AVE. TO S. HOLLAND RD. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO MAKE FINAL CONNECTIONS UNDER NOTE 14, AND 15. DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. YALE AVE. AND FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. HOLLAND RD., AFTER THE NEW MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW MAIN.
- ⑭ ONCE PR 8" WM IS APPROVED, DWM CREWS TO MAKE FINAL CONNECTION FOR PR. 8" WM TO EX. 8" WM @ 21' E.W.L. OF S. YALE AVE. 14' N.N.L. OF W. 89TH ST. WITH:
2 - 8" ½ 2BMJ BEND
1 - 8" TRANSITION SLEEVE
8' OF 8" DIP WM
- ⑮ SEE SHEET 2
- ⑯ COORDINATE WITH DWM CREWS TO HAVE VALVES CLOSED UNDER NOTE 11 OPENED.

- A AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, REMOVE THE OLD FIRE HYDRANT AND DELIVER IT TO THE DISTRICT YARD.
(2 FIRE HYDRANTS)
- B THE EXISTING VALVE BASIN IS TO BE ABANDONED. REMOVE THE FRAME AND LID AND FILL THE BASIN WITH APPROVED BACKFILL MATERIAL CA-16. DELIVER THE FRAME AND LID TO THE DISTRICT YARD.
(3 VALVE BASINS)

- NOTE:**
1. SEE DETAIL - 11 FOR PRIVATE DRAIN ATLAS INFORMATION
2. SEE END OF PLAN SET FOR PRESSURE TEST AND IEPA COMPLIANCE FORM

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. 8.E.S. APPROVAL REQUIRED PRIOR TO ANY PROPOSED DEVIATIONS FROM THE PLANS.

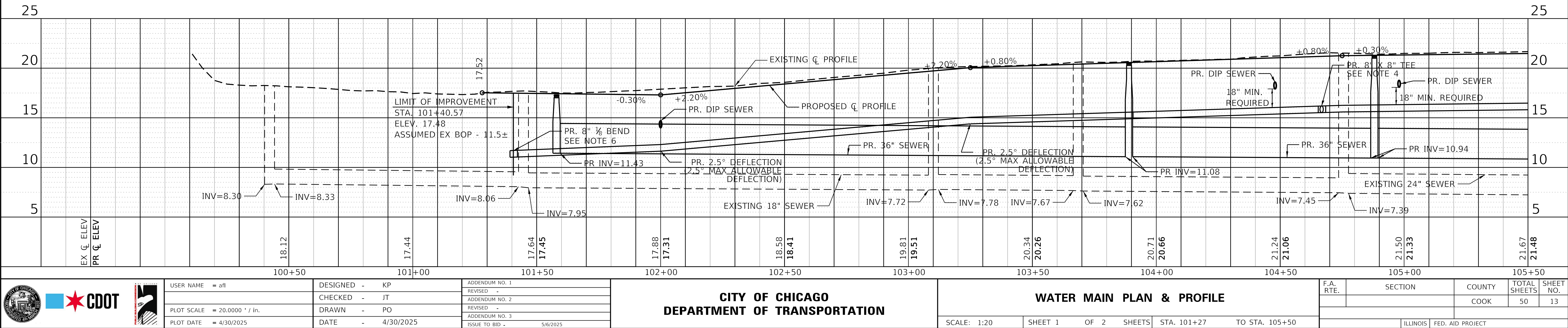
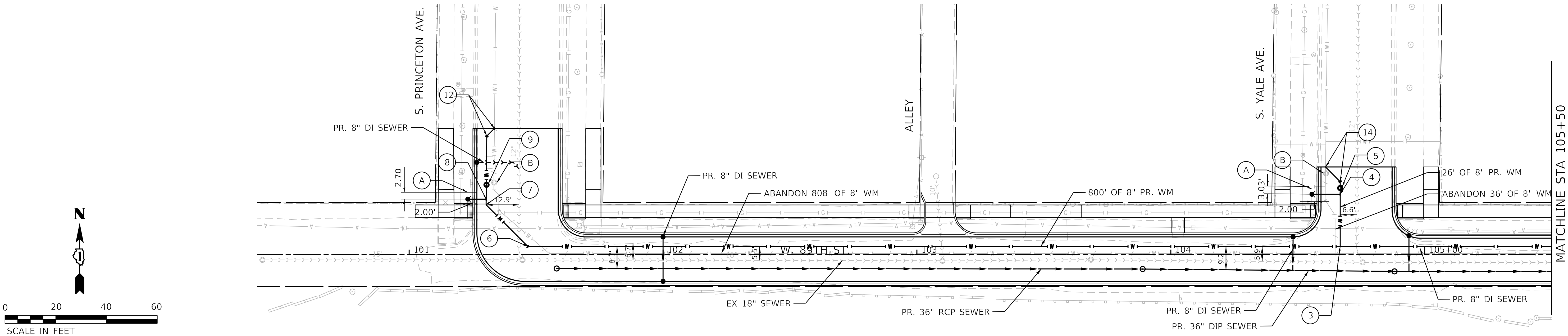
CHLORINATION AND TESTING OF PIPING
SWAP ALL PIPE FITTINGS WITH CHLORINE SOLUTION THAT WILL NOT BE CHLORINATED AND FLUSH PER WATER QUALITY (312) 744-8190. VISUALLY INSPECT AT OPERATING PRESSURE PRIOR TO BACKFILLING.

PRIVATE DRAIN NOTE
INSTALL WATER MAIN UNDER PRIVATE DRAINS (AS PER D.W.M. APPROVAL). REPLACE THE PRIVATE DRAINS A MINIMUM OF 21' OF SEWER CENTERLINE AT EACH PRIVATE DRAIN CROSSING WITH D.I.P. PROVIDE 1.5' MINIMUM SEWER-WATER CLEARANCE TO COMPLY WITH LE 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 WILL BE REQUIRED TO REPLACE ALL IMPACTED LEAD WATER SERVICES UP TO THE VALVE BOX CDOT'S CONTRACTOR WILL BE REQUIRED TO REPLACE ALL IMPACTED LEAD WATER SERVICES INTO THE BUILDING. ALL DWM REQUIREMENTS MUST BE FOLLOWED (INCLUDING OBTAINING APPLICABLE PERMITS), AND PLUMBING INSPECTION SECTION SHALL BE NOTIFIED IN ADVANCE OF THE WORK.

NOTE:
ANY ISSUES OR WORK NEEDED WHEN CROSSING OR ADJACENT TO ANY COMED ASSETS, PLEASE CONTACT DEJI AKOSILE, VIA EMAIL DEJI.AKOSILE@EXELONCORP.COM AT LEAST SIX WEEKS PRIOR TO CONSTRUCTION START.

THE PROPOSED WORK ENCLOSES 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.



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

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

MODEL: Default
FILE NAME: p:\civildtech\pw-bentley.com\civildtech\pw-Documents\Projects\3133-Special Requests\WPA Updates\89th Street Holland to Dead End\Sheets\211F5-05-site-pln-prf-wm-02

- 1

SET: 1 - 8" MJ VALVE @ 4' E.W.L. OF S. HOLLAND RD. 14' S.N.L. OF W. 89TH ST.
- 1a

SET: 1 - 8" $\frac{1}{2}$ VERTICAL BEND @ 2' E.W.L. OF S. HOLLAND RD. 14' S.N.L. OF W. 89TH ST.
- 2

SET: 1 - 8" $\frac{1}{2}$ 2BMJ BEND @ 236' W.W.L. OF S. HOLLAND RD. 14' S.N.L. OF W. 89TH ST.
- 2a

SET: 1 - 8" $\frac{1}{2}$ VERTICAL BEND @ 237' W.W.L. OF S. HOLLAND RD. 15' S.N.L. OF W. 89TH ST.
- 2b

SET: 1 - 8" $\frac{1}{2}$ 2BMJ BEND @ 239' W.W.L. OF S. HOLLAND RD. 17' S.N.L. OF W. 89TH ST.
- 3

SEE SHEET 1
- 4

SEE SHEET 1
- 5

SEE SHEET 1
- 6

SEE SHEET 1
- 7

SEE SHEET 1
- 8

SEE SHEET 1
- 9

SEE SHEET 1
- 10

SET: 1 - TEMPORARY FLUSHING HYDRANT @ 7' E.W.L. OF S. HOLLAND RD. 14' S.N.L. OF W. 89TH ST.
- 11

COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTIONS TO E/W WATER MAIN IN W. 89TH ST. AT S. HOLLAND AVE.
- 12

SEE SHEET 1

- 13

AFTER DWM CREWS MAKE CONNECTION OF NOTE 12:
FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM S. PRINCETON AVE. TO S. HOLLAND RD. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO MAKE FINAL CONNECTIONS UNDER NOTE 14, AND 15. DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. YALE AVE. AND FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. HOLLAND RD., AFTER THE NEW MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW MAIN.
- 14

SEE SHEET 1
- 15

ONCE PR 8" WM IS APPROVED, DWM CREWS TO MAKE FINAL CONNECTION FOR PR. 8" WM TO EX. 8" WM @ 21' E.W.L. OF S. HOLLAND AVE. 10' S.N.L. OF W. 89TH ST. WITH:
3 - 8" $\frac{1}{2}$ 2BMJ BEND
1 - 8"X8" 3BMJ TEE
2 - 8" TRANSITION SLEEVE
63' OF 8" DIP WM
- 16

COORDINATE WITH DWM CREWS TO HAVE ALL VALVES CLOSED UNDER NOTE 11 OPENED.
- A

AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, REMOVE THE OLD FIRE HYDRANT AND DELIVER IT TO THE DISTRICT YARD.
(2 FIRE HYDRANTS)
- B

THE EXISTING VALVE BASIN IS TO BE ABANDONED. REMOVE THE FRAME AND LID AND FILL THE BASIN WITH APPROVED BACKFILL MATERIAL CA-16. DELIVER THE FRAME AND LID TO THE DISTRICT YARD.
(3 VALVE BASINS)

- NOTE:**
- SEE DETAIL - 11 FOR PRIVATE DRAIN ATLAS INFORMATION
 - SEE END OF PLAN SET FOR PRESSURE TEST AND IEPA COMPLIANCE FORM

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.

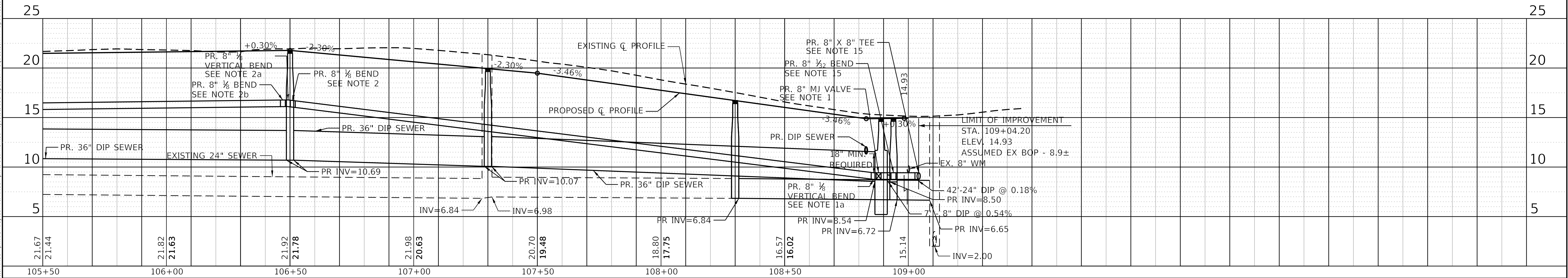
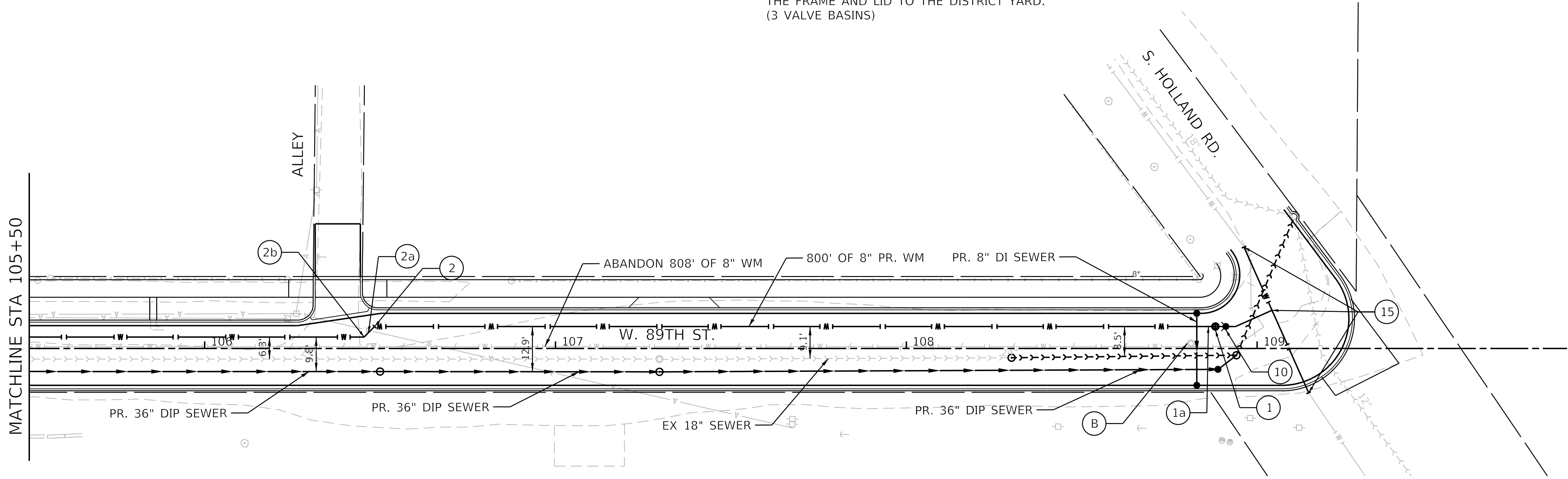
CHLORINATION AND TESTING OF PIPING
SWAP ALL PIPE FITTINGS WITH CHLORINE SOLUTION THAT WILL NOT BE CHLORINATED AND FLUSH PER WATER QUALITY (312) 744-8190. VISUALLY INSPECT AT OPERATING PRESSURE PRIOR TO BACKFILLING.

PRIVATE DRAIN NOTE
INSTALL WATER MAIN UNDER PRIVATE DRAINS (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.

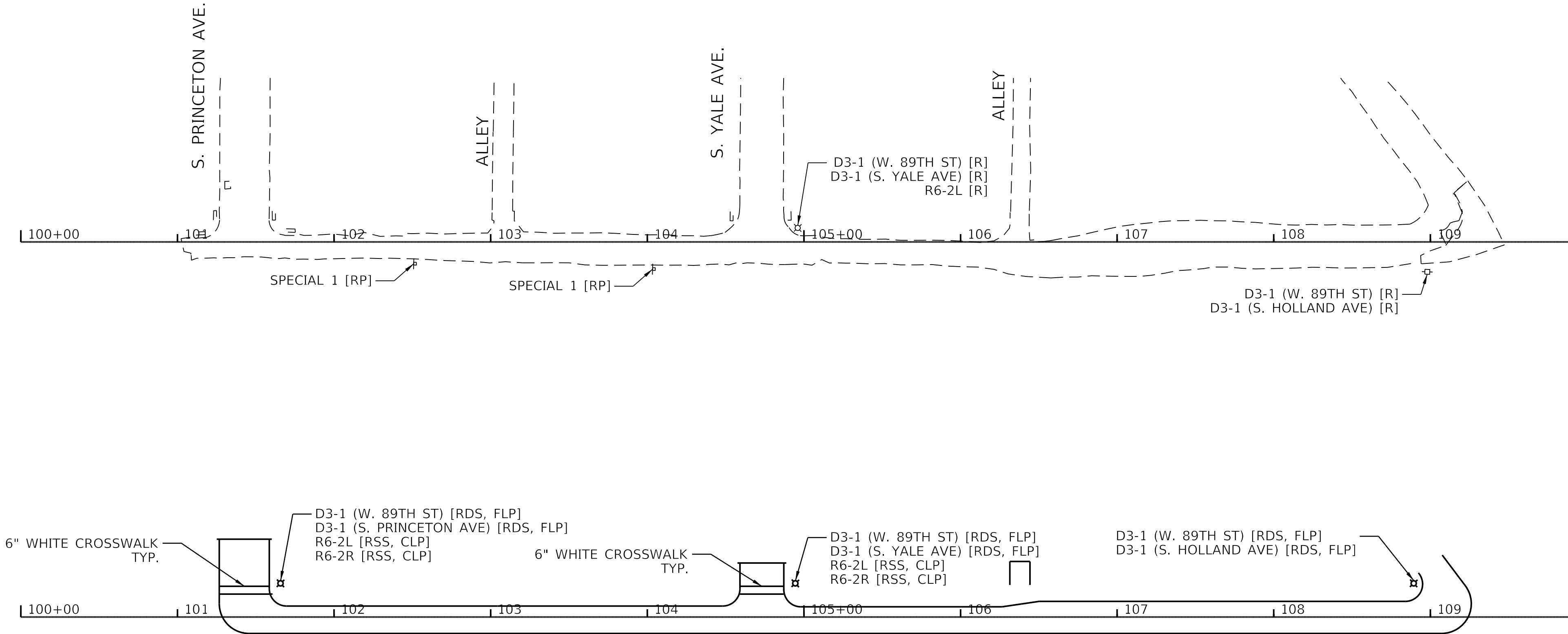
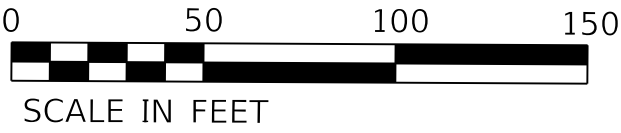
CDOT'S CONTRACTOR WILL BE REQUIRED TO REPLACE ALL IMPACTED LEAD WATER SERVICES UP TO THE VALVE BOX CDOT'S CONTRACTOR WILL BE REQUIRED TO REPLACE ALL IMPACTED LEAD WATER SERVICES INTO THE BUILDING. ALL DWM REQUIREMENTS MUST BE FOLLOWED (INCLUDING OBTAINING APPLICABLE PERMITS), AND PLUMBING INSPECTION SECTION SHALL BE NOTIFIED IN ADVANCE OF THE WORK.

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  	USER NAME = all	DESIGNED - KP	ADDENDUM NO. 1	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN & PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - JT	REVISD -							COOK	50	14
	PLOT SCALE = 20.0000' / in.	DRAWN - PO	REVISD -									
	PLOT DATE = 4/30/2025	DATE - 4/30/2025	ISSUE TO BID -							ILLINOIS	FED. AID PROJECT	
				SCALE: 1:20		SHEET 2	OF 2 SHEETS	STA. 105+50		TO STA. 109+25		



SIGNING LEGEND

3

W 89TH ST

D3-1

12.00" x 6.75"

2

1

S HOLLAND RD

D3-1

24.00" x 6.75"

2

1

S YALE AVE

D3-1

12.00" x 6.75"

2

1

S PRINCETON AVE

D3-1

24.00" x 6.75"

2

ONE WAY

R6-2L

18" x 24"

ONE WAY

R6-2R

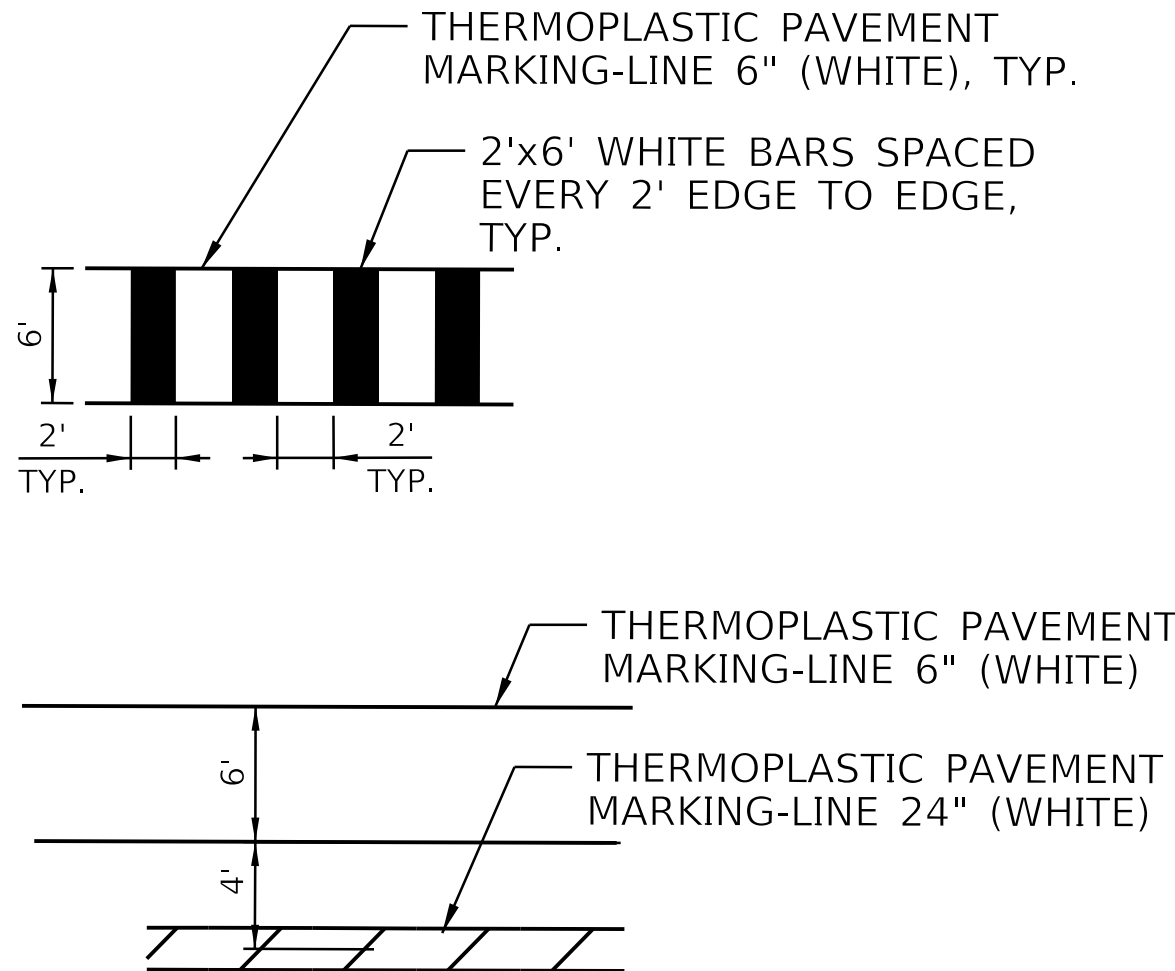
18" x 24"

NO DUMPING UNDER PENALTY

SPECIAL 1

12.00" x 18.00"

STRIPING LEGEND



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

CODE	DESCRIPTION	AREA (SQ FT)						
			RSS	RDS	CSP	FSP	CLP	FLP
D3-1	89TH ST	0.56		3				3
D3-1	S HOLLAND RD	1.13		1				1
D3-1	S YALE AVE	0.56		1				1
D3-1	S PRINCETON AVE	1.13		1				1
R6-2L	ONE WAY LEFT	3.00	2				2	
R6-2R	ONE WAY RIGHT	3.00	2				2	
TOTALS			4	6	0	0	4	6
TOTAL AREA FURNISH SIGN PANEL			12.0	9.0	-	-	-	-

Model: Model
File Name: pw\kultirtech-pw.bentley.com\kultirtech-pw\Documents\Projects\3153-Special Requests\WPA Updates\89th Street Holland to Dead End\Sheets\315-FS-05-sht-pmk.dgn-01



USER NAME = a11	DESIGNED - TJC
DRAWN - TJC	
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PLOT DATE = 4/30/2025	DATE - 04/22/2025

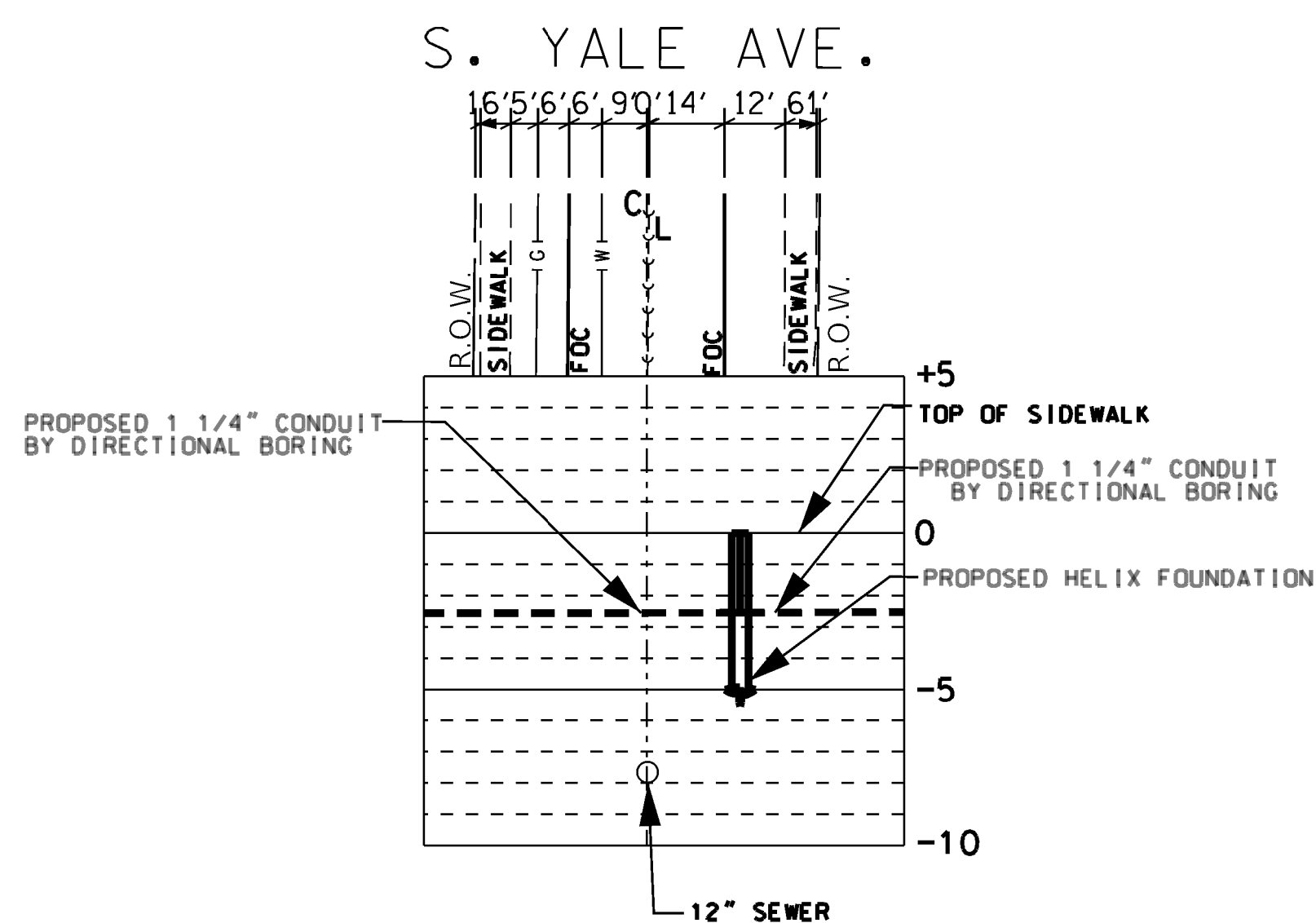
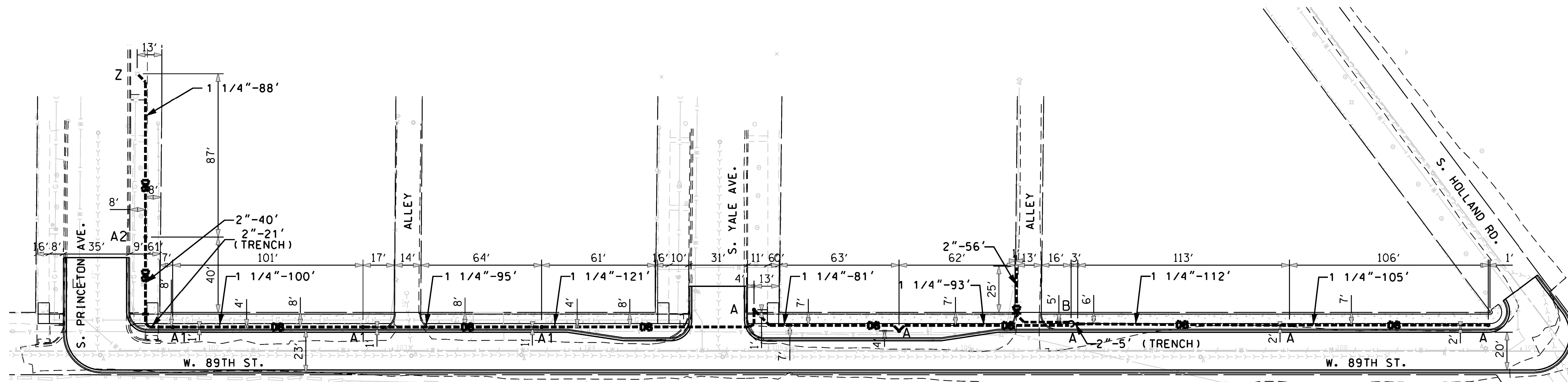
ADDENDUM NO. 1
REVISED -
ADDENDUM NO. 2
REVISED -
ADDENDUM NO. 3
ISSUE TO BID - 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

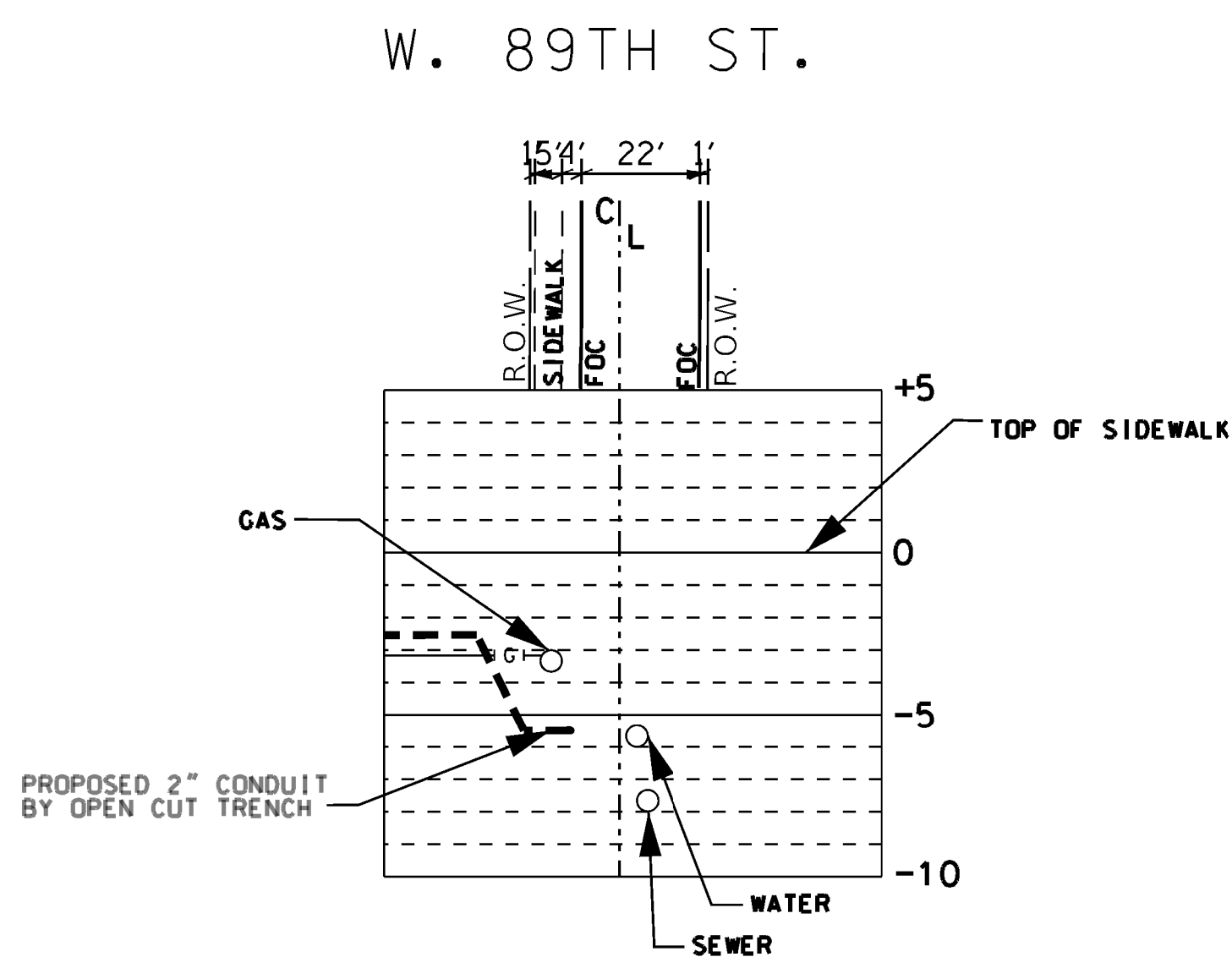
PAVEMENT MARKING & SIGNAGE

SCALE: 1:50 SHEET 1 OF 1 SHEETS STA. 101+27 TO STA. 109+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	15
		ILLINOIS	FED. AID PROJECT	



PROPOSED CONDUIT PROFILE OF CONDUIT
CROSSING S. YALE AVE. ON THE NORTH
SIDE OF W. 89TH ST.



PROPOSED CONDUIT PROFILE OF CONDUIT
CROSSING W. 89TH ST. ON THE EAST
SIDE OF S. PRINCETON AVE.

NOTES:

- "A"- INSTALL 10" B.C. x 5' HELIX FOUNDATION AS PER DRAWING NO. 936, 3' OFF FACE OF CURB UNLESS NOTED OTHERWISE
- "A1"- INSTALL 10" B.C. x 5' HELIX FOUNDATION AS PER DRAWING NO. 936, 1.2' OFF FACE OF CURB UNLESS NOTED OTHERWISE
- "A2"- INSTALL 10" B.C. x 5' HELIX FOUNDATION AS PER DRAWING NO. 936, 8' OFF FACE OF CURB UNLESS NOTED OTHERWISE
- "B"- INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER AS PER DRAWING NO.966 & 968
- "Z"- INSTALL CONDUIT INTO EXISTING CONCRETE FOUNDATION

CONTRACTOR TO CONTACT D.I.G.G.E.R @ 312-744-7000
ALL UTILITY COMPANIES TO LOCATE EXISTING UNDERGROUND
UTILITY LINES PRIOR TO COMMENCEMENT OF WORK.

CITY CONSTRUCTION DEPARTMENT OR ITS CONTRACTOR MUST
COORDINATE THE LIGHTING SCHEME WITH COMED BY CALLING
THEIR ACCOUNT MANAGER @1-773-838-4345

CONDUIT TO BE INSTALLED USING DIRECTIONAL BORING
METHOD, UNLESS OTHERWISE NOTED.

DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33
INCHES. ALL SERVICE CONTROL VALVE AND METER VAULT LOCATIONS
MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3 FEET OF
HORIZONTAL SEPERATION MUST BE MAINTAINED. SHOULD FIELD
CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR
RELOCATION, THEN CDDT SHALL SUBMIT FUNDING AND/OR RFI FOR
DWM APPROVAL PRIOR TO INSTALLATION.

LEGEND:

- DB--- - DIRECTIONAL BORE
- OC--- - OPEN CUT TRENCH

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING IMPROVEMENTS

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

ATLAS P-43

DWG. NO.
22-052

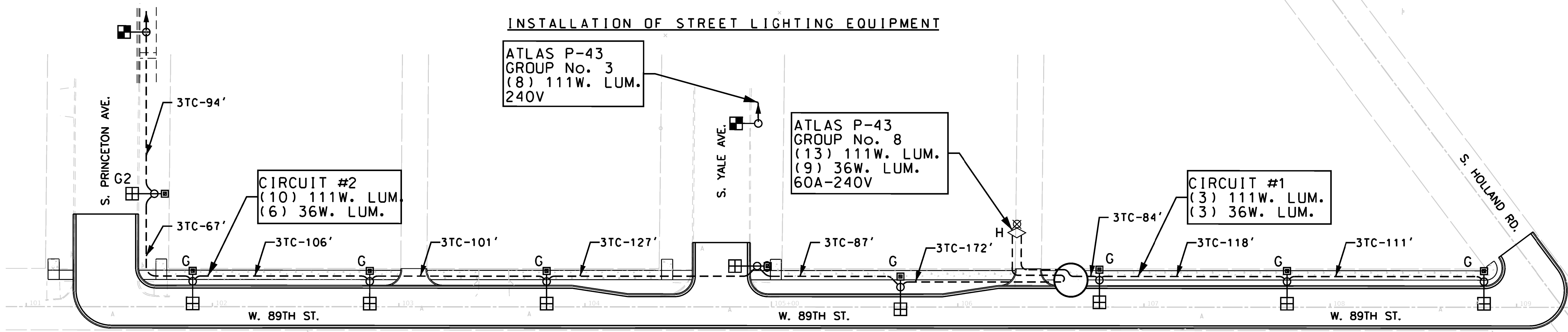
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	16
ILLINOIS FED. AID PROJECT				



W. 120TH ST.

W. 120TH ST.

INSTALLATION OF STREET LIGHTING EQUIPMENT



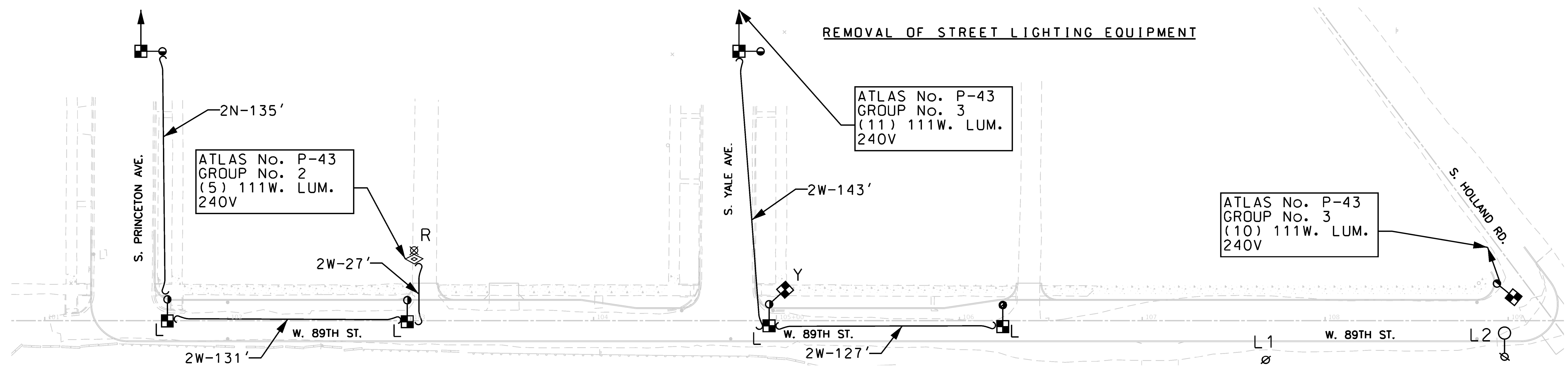
NOTES:

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

"G2"--INSTALL POLE, STREET LIGHTING, ALUMINUM, 12.5' RESIDENTIAL WITH 12' DAVIT ARM AS PER DRAWING 940 & 945. INSTALL 111W LED RESIDENTIAL STREET LIGHTING LUMINAIRE/NODE AND 36W LED RESIDENTIAL ACORN LUMINAIRE/NODE

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

REMOVAL OF STREET LIGHTING EQUIPMENT



NOTES:

"L"-- REMOVE ANCHOR BASE POLE, MAST ARM W/ LUMINAIRE & BREAKDOWN FOUNDATION.

"L1"-- REMOVE EMBEDDED POLE

"L2"-- REMOVE EMBEDDED POLE, MAST ARM WITH LUMINAIRE

"R"-- REMOVE POLE MOUNTED RESIDENTIAL STREET LIGHT CONTROLLER

"Y"-- REMOVE MAST ARM WITH LUMINAIRE

MODEL: Default
FILE: D:\Data - pw\civiltch\pw-bentley.com\civiltch\pw\Documents\Projects\3153-Special Requests\WPA Updates\89th Street Holland to Dead End\Sheets\21-FS-05-st-Light-02.dgn



USER NAME	= ari	DESIGNED -	NRB	ADDENDUM NO. 1
		DRAWN -	NRB	REVISED -
PLOT SCALE	1:30' = 0000' / in.	CHECKED -	NRB	ADDENDUM NO. 2
PLOT DATE	= 4/30/2025	DATE -	04/22/2025	REVISED -
		ISSUE TO BID -	5/6/2025	ADDENDUM NO. 3

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING IMPROVEMENTS

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	17
ILLINOIS FED. AID PROJECT				

ATLAS P-43
DWG. NO. 22-053

MODEL: Default
FILE: D:\Data - pw\civiltech-pw\Documents\Projects\31153-Special Requests\WPA_Updates\88th Street_Holland to Dead End\Sheets\3115-F05-shit-Light-03.dgn

PROPOSED	PRESENT		PROPOSED	PRESENT	
		SIGNAL, TRAFFIC 3 SECTION 1-WAY ADJUSTABLE, 12" OR AS NOTED			MANHOLE, 3'x4'x4' 24" F & C (DWG.#730) (A) 30" F & C (DWG#729) (B)C.M.H. LUMINAIRES
		SIGNAL, TRAFFIC 3 SECTION 2-WAY ADJUSTABLE, 12" OR AS NOTED			MANHOLE, 4'x6'x6' 24" F & C (DWG.#732) (C) 30" F & C (DWG#733) (D) <u>PROPOSED</u> <u>PRESENT</u>
		SIGNAL OPTICALLY PROGRAMMED			HANDHOLE, HEAVY DUTY, 36" I.D. (DWG.#866) 24" F & C (E). (DWG#871) 30" F & C (F)
		SIGNAL, PEDESTRIAN, COUNTDOWN			HANDHOLE, CIRCULAR WITH 24"FRAME & COVER,30"I.D. (#867) (G)
		SIGNAL, PEDESTRIAN, DON'T WALK/WALK			FOUNDATION, CONTROLLER OR PEDESTAL, 13" B.C.,20"x5' (DWG. #709)
		SIGNAL FACE ARROW, 12" COLOR AS NOTED			FOUNDATION, TRAFFIC CONTROLLER DWG. #854. F.A. TERMINAL FND. DWG. #11972
		SIGNAL FACE, 1 SECTION YELLOW/GREEN ARROW DUAL INDICATION			FOUNDATION, TRAFFIC TYPE "P", BASE MOUNT. (DWG. #888)
		PUSH BUTTON, PEDESTRIAN			FOUNDATION,CONTROLLER STREET LIGHT ,SPECIAL, 100A & 200A. (DWG.#876 & # 880)
		SIGN,ILLUMINATED, WITH MESSAGE OR SYMBOL AS INDICATED			FOUNDATION,TRANSCLOSURE; TRANSCLOSURE HOUSING. (DWG.# 583 & #891)
		MAST ARM, MONOTUBE, STEEL. SIZE AS INDICATED (SEE DWG. #870)			CONTROLLER,UNDERPASS LIGHTING 120V. & 240V. (DWG. #860 & #861)
		MAST ARM, TRUSS, ALUMINUM. SIZE AS INDICATED			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
		CONTROLLER, TRAFFIC SIGNAL. PEDESTAL OR BASE MOUNTED AS INDICATED			JUNCTION BOX, IN PAVEMENT (DWG. #815)
		CONTROLLER, STREET LIGHTING. PEDESTAL OR BASE MOUNTED. (DWG. 876 or 880)			DETECTOR LOOP IN PAVEMENT
		CONTROLLER,STREET LIGHTING. POLE MOUNTED (DWG. #11940)			CONDUIT or P.V.C., NUMBER,SIZE & TYPE. (AS NOTED)
		POLE, WOOD. COMMONWEALTH EDISON COMPANY, SERVICE			CONDUIT or P.V.C. ENCASED IN CONCRETE. (SECTION or NUMBER OF CONDUIT INDICATED)
		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.			LUMINAIRE, H.P.S.V. 400W LAMP, 240V, SEMI-CUTOFF
		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.)			LUMINAIRE, H.P.S.V. 400W LAMP, 240V, CUTOFF
		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.)			LUMINAIRE, H.P.S.V. 310W LAMP, 240V
		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.)			LUMINAIRE, H.P.S.V. 310W LAMP 240V, CUTOFF
		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.)			LUMINAIRE, H.P.S.V. 150W LAMP, 240V
		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/ 1 1/4" ANCHOR RODS DRG. #816.			LUMINAIRE, H.P.S.V. 150W LAMP, 120V
		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.			LUMINAIRE, H.P.S.V. 250W LAMP, 120V, (ALLEY LIGHT)
		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 DWG.#719.			LUMINAIRE, H.P.S.V. 250W LAMP, 120V
		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).			LUMINAIRE, H.P.S.V. 400W LAMP, 240V, (FLOOD LIGHT)
		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).			TERMINAL, CABINET F.A. & P.C.
		POLE , CITY STEEL, ANCHOR BASE, 32'-6", 7 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.			FIRE ALARM BOX, MOUNTED
		POLE, CITY STEEL, ANCHR BASE, 32'-6", 3 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.			FIRE ALARM BOX, POLE MOUNTED
		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.			CABLE, TRAFFIC SIGNAL, COMMUNICATION, 1-PAIR #14 SHIELDED, IN CONDUIT
		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.			CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C- #4, 600 V. EPR. IN CONDUIT
		POLE, CITY ALUMINUM, WITH ROUND BAL. HSG. BASE, 25', 28', or 30' ON FND. WITH 14" B.C., ACQUIRED FROM CHICAGO PARK DISTRICT.			CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2 1/C-#2 or #1/0 600V. EPR IN CONDUIT
		POLE, CITY STEEL, EMBEDDED, 4"x 9"x 35' 7 GA., TAPERED TUBULAR. (DWG. #658)			CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#10 or #6, 600V NSRI, IN CONDUIT
		POLE, CITY STEEL, EMBEDDED, 4"x 9"x 35' 3 GA., TAPERED TUBULAR. (DWG. #658)			CABLE, TRAFFIC SIGNAL, 7/C-#12 or #14, 600V, EPR IN CONDUIT
		POLE, CITY STEEL, EMBEDDED. (ACQUIRED FROM CTA)			CABLE, TRAFFIC SIGNAL, 10/C-#12 600V. EPR IN CONDUIT
		COLUMN,ELEVATED STRUCTURE			CABLE, TRAFFIC SIGNAL, 14/C-#14, 600V. EPR IN CONDUIT
		POLE, WOOD. (SIZE AS NOTED)			CABLE, TRAFFIC SIGNAL, 19/C-#12 600V, EPR IN CONDUIT
		POLE, FOUNDATION WITH ELBOWS AS INDICATED.(SIZE AS NOTED)			CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN PARKWAY
		POLE, ORNAMENTAL OR OTHER, AS INDICATED ON THE PLANS			CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT
		RESIDENTIAL STREET LIGHTING CONTROLLER			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

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

STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING		
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 _____		
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.		DWG. NO. 826
ENGINEER OF ELECTRICITY: GEN'L SUPT. OF CONSTRUCTION:		
DEPUTY COMMISSIONER:		
SIZE: 22" I	36"	SCALE: NONE DATE: 09-19-13



USER NAME = an	DESIGNED -	ADDENDUM NO. 1
	DRAWN -	REVISED -
		ADDENDUM NO. 2
		REVISED -
PLOT SCALE:0.000000' in/in.	CHECKED -	ADDENDUM NO. 3
PLOT DATE = 4/30/2025	DATE - 04/22/2025	ISSUE TO BID - 5/6/2025

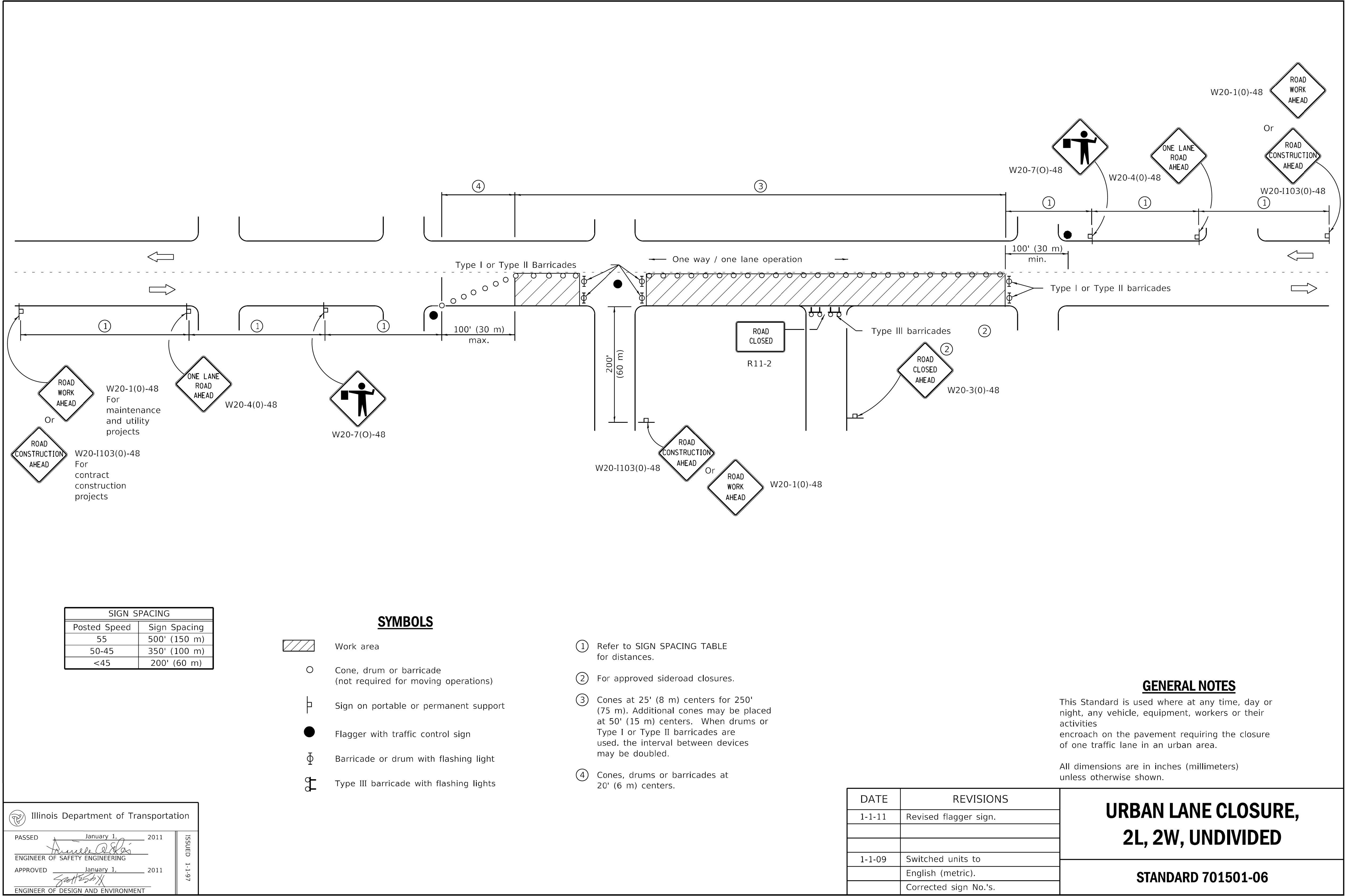
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING IMPROVEMENTS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	18
		ILLINOIS	FED. AID PROJECT	

Model: Default
File Name: p:\cadd\tech-pw-bentley\corporate\tech-pw\Documents\Projects\3153-Special Requests\WPA Updates\89th Street Holland to Dead End\Sheets\21-FS-05-sht-det-01



USER NAME	= all	DESIGNED	-
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PLOT DATE	= 4/30/2025	DATE	- 04/22/2025

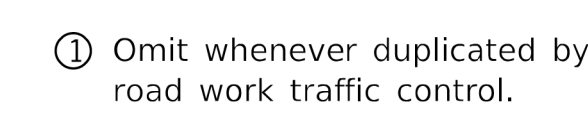
ADDENDUM NO. 1	
REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

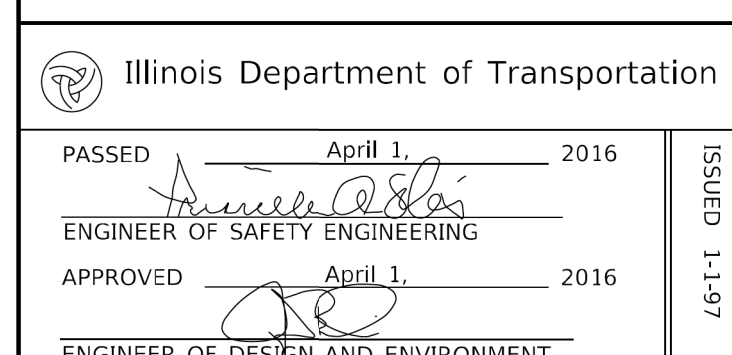
IDOT HIGHWAY STANDARDS

SCALE: SHEET 1 OF 27 SHEETS STA. TO STA.

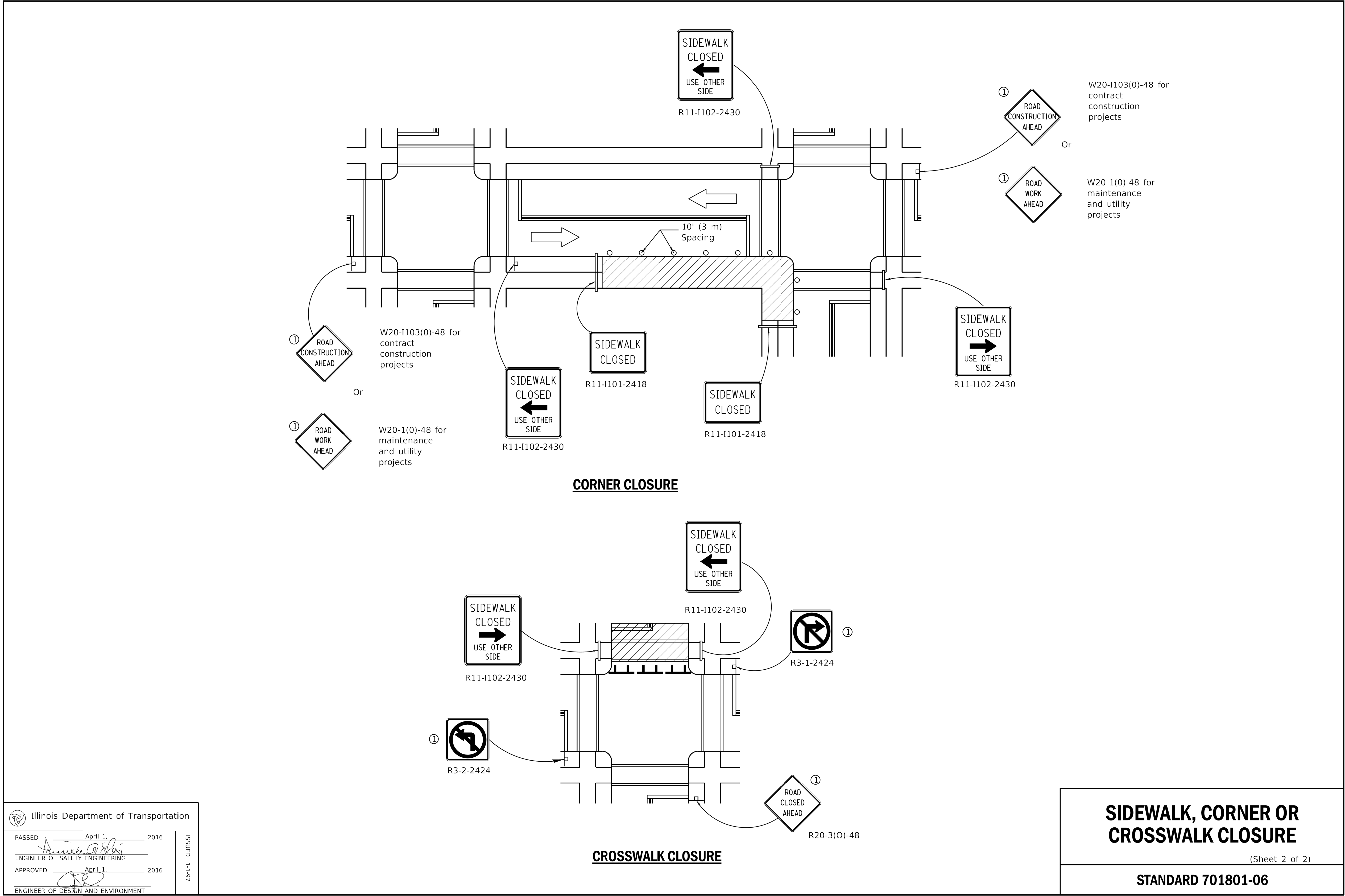
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	20
		ILLINOIS	FED. AID PROJECT	



DATE	REVISIONS	SIDEWALK, CORNER OR CROSSWALK CLOSURE
4-1-16	Omitted orange safety fence	
	from standard as this is	
	covered in the std. spec.	
1-1-12	Added SIDEWALK DIVERSION.	(Sheet 1 of 2)
	Modified appearance of	STANDARD 701801-06
	plan views. Renamed Std.	



MODEL: Default
FILE NAME: p:\cadd\tech-pw-bentley\corporate\tech-pw\Documents\Projects\3153-Special Requests\WPA Updates\8th Street Holland to Dead End\Sheets\21-FS-05-shf-det-03



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Orange
Posted speed < 45 mph

Orange
Any posted speed

DAYTIME USE

Any posted speed

Any posted speed

DAY OR NIGHTTIME USE

TUBULAR MARKER

VERTICAL PANEL
POST MOUNTED

DRUM

TYPE I BARRICADE

TYPE II BARRICADE

TYPE III BARRICADE

**DIRECTION INDICATOR
BARRICADE**

VERTICAL BARRICADE

**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE
	SPEED LIMIT sign from orange to white background.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-08

USER NAME	= all	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	-
PLOT DATE	= 4/30/2025	DATE	- 04/22/2025

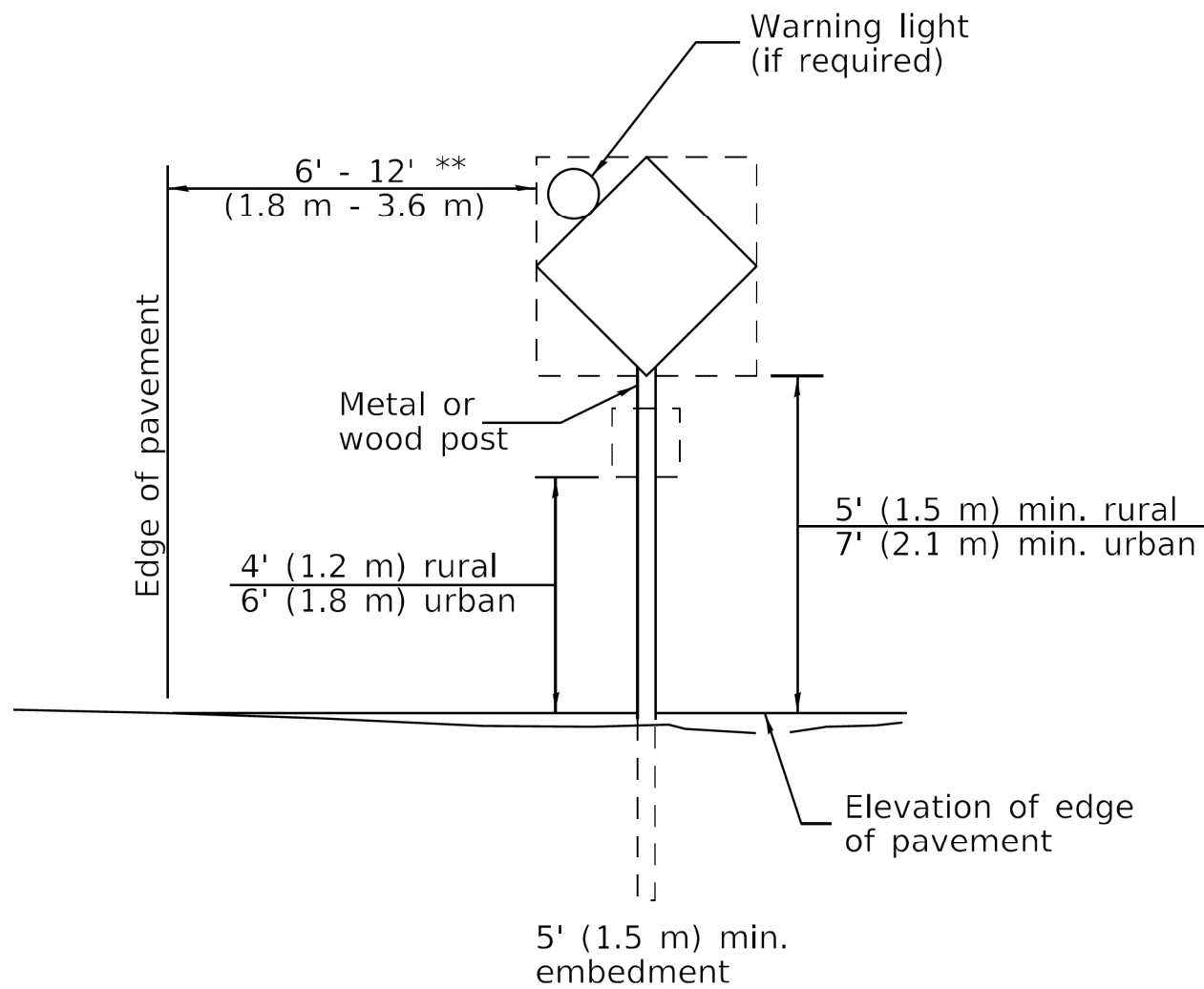
ADDENDUM NO. 1
REVISED -
ADDENDUM NO. 2
REVISED -
ADDENDUM NO. 3
ISSUE TO BID - 5/6/2025

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

IDOT HIGHWAY STANDARDS

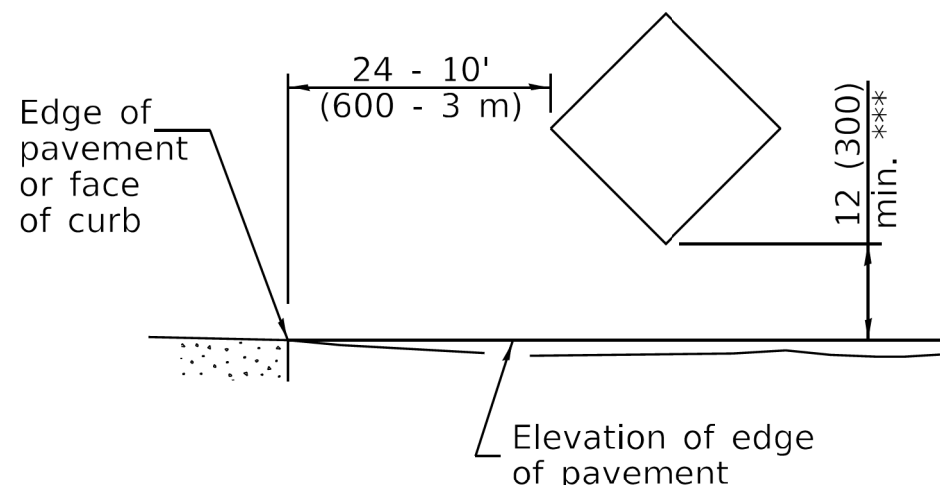
SCALE: SHEET 4 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	23
		ILLINOIS	FED. AID PROJECT	



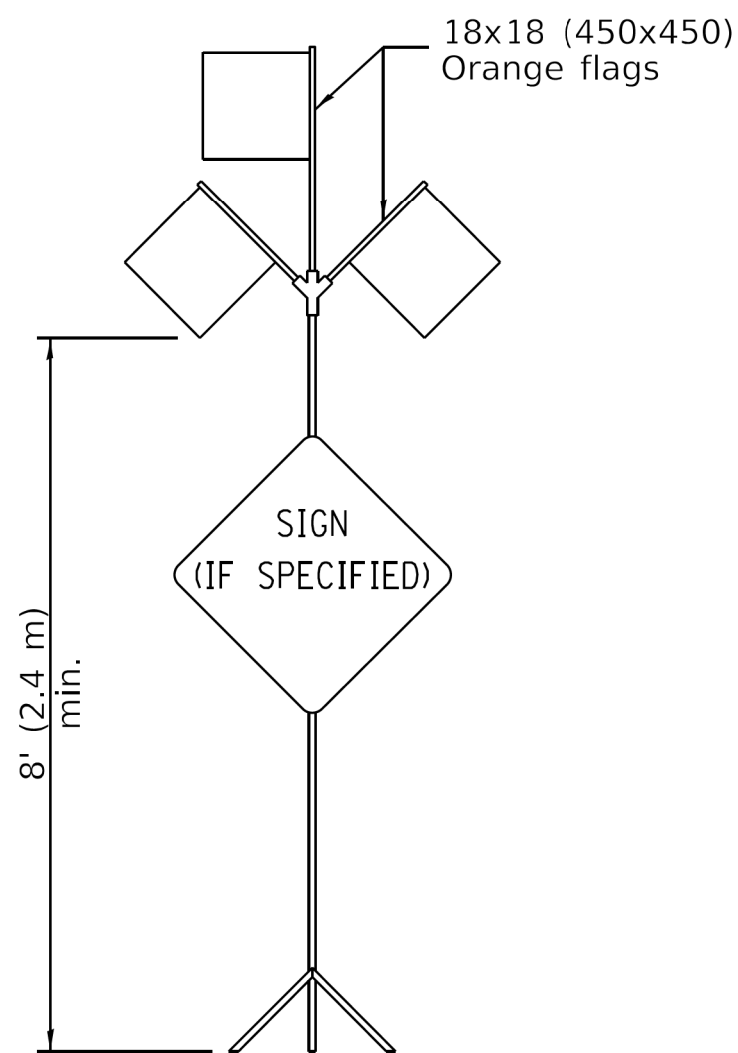
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

ROAD
CONSTRUCTION
NEXT X MILES

G20-I104(0)-6036

END
CONSTRUCTION

G20-I105(0)-6024

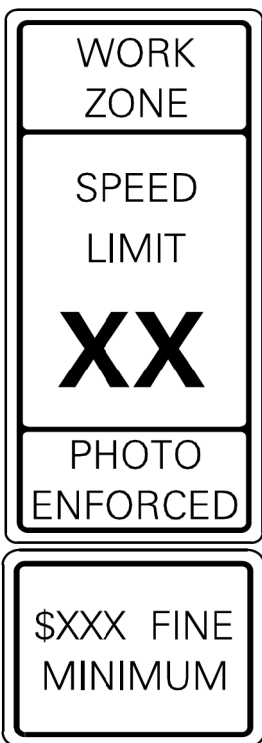
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



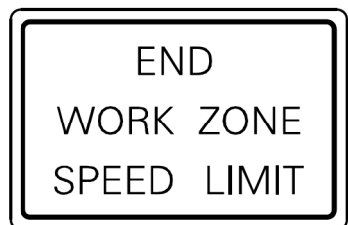
W21-I115(0)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

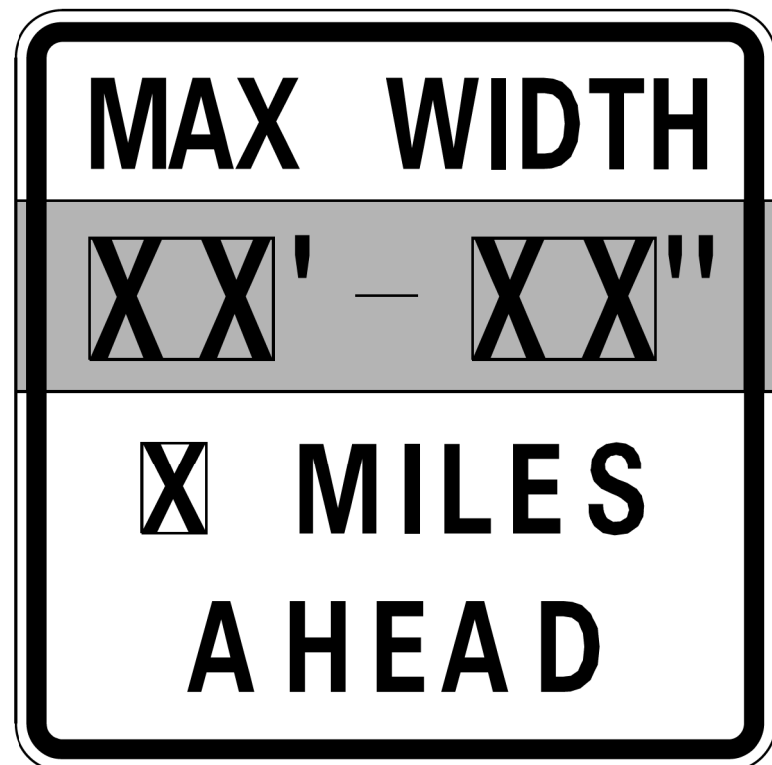


G20-I103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

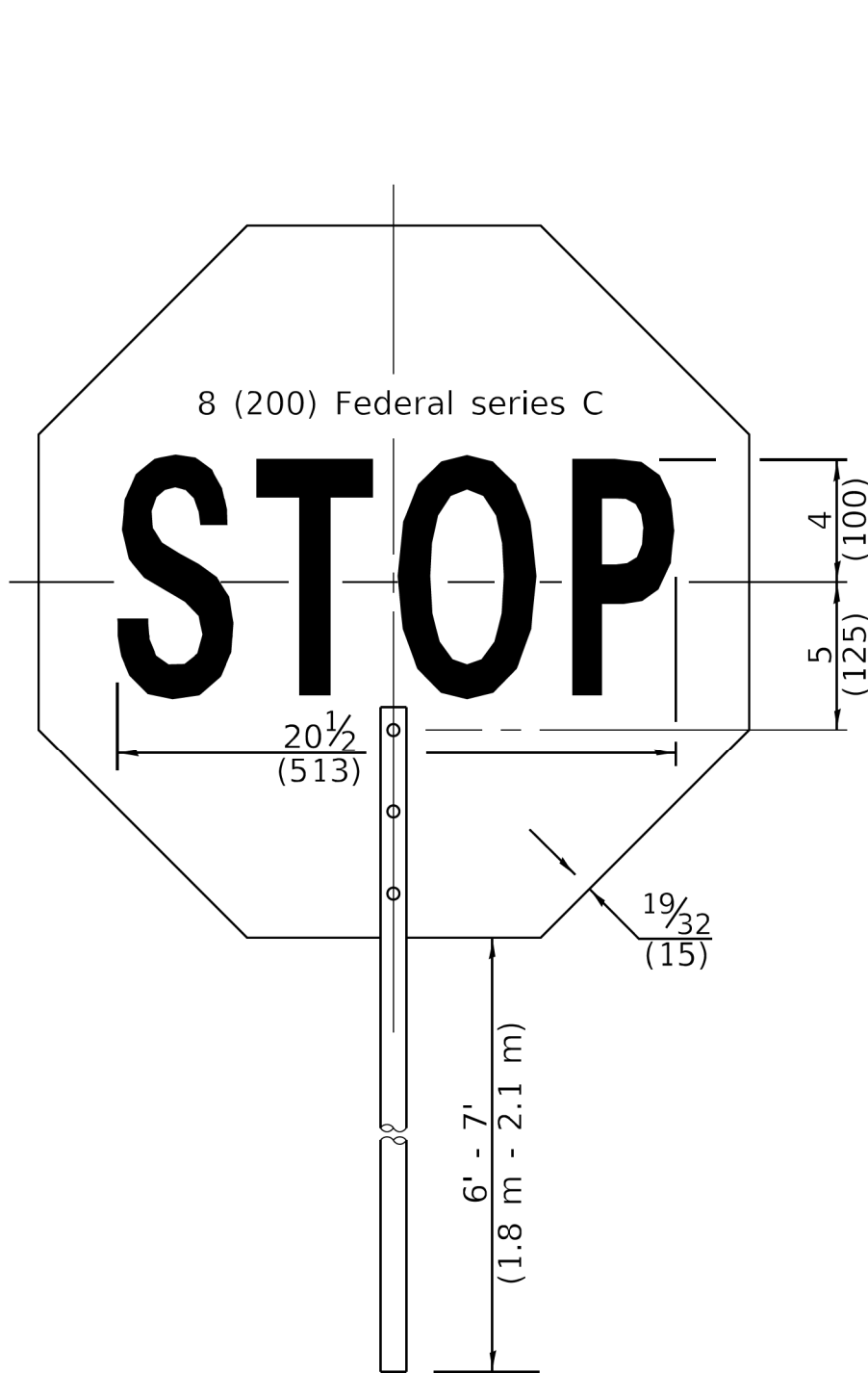
**** R10-I108p shall only be used along roadways under the jurisdiction of the State.



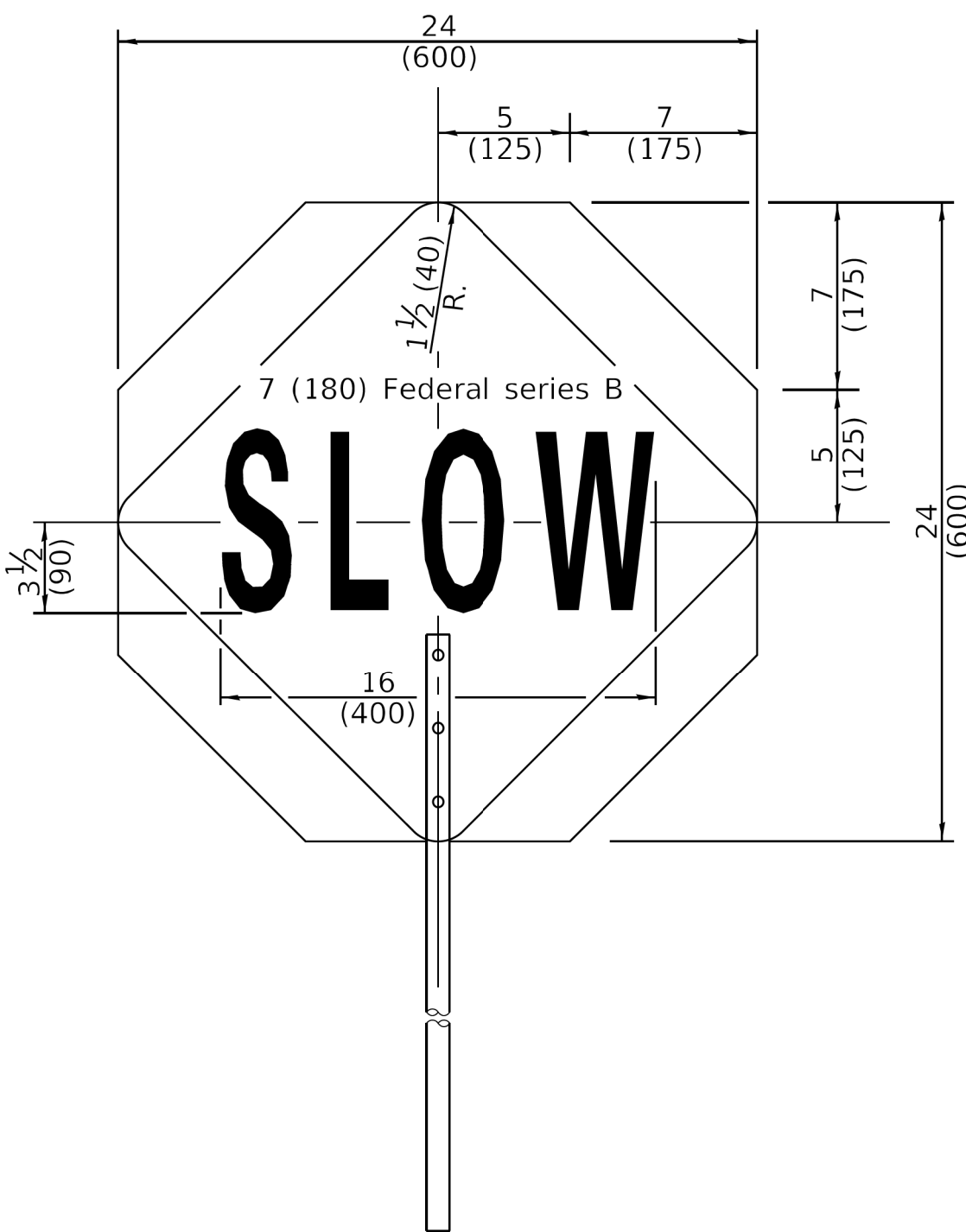
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

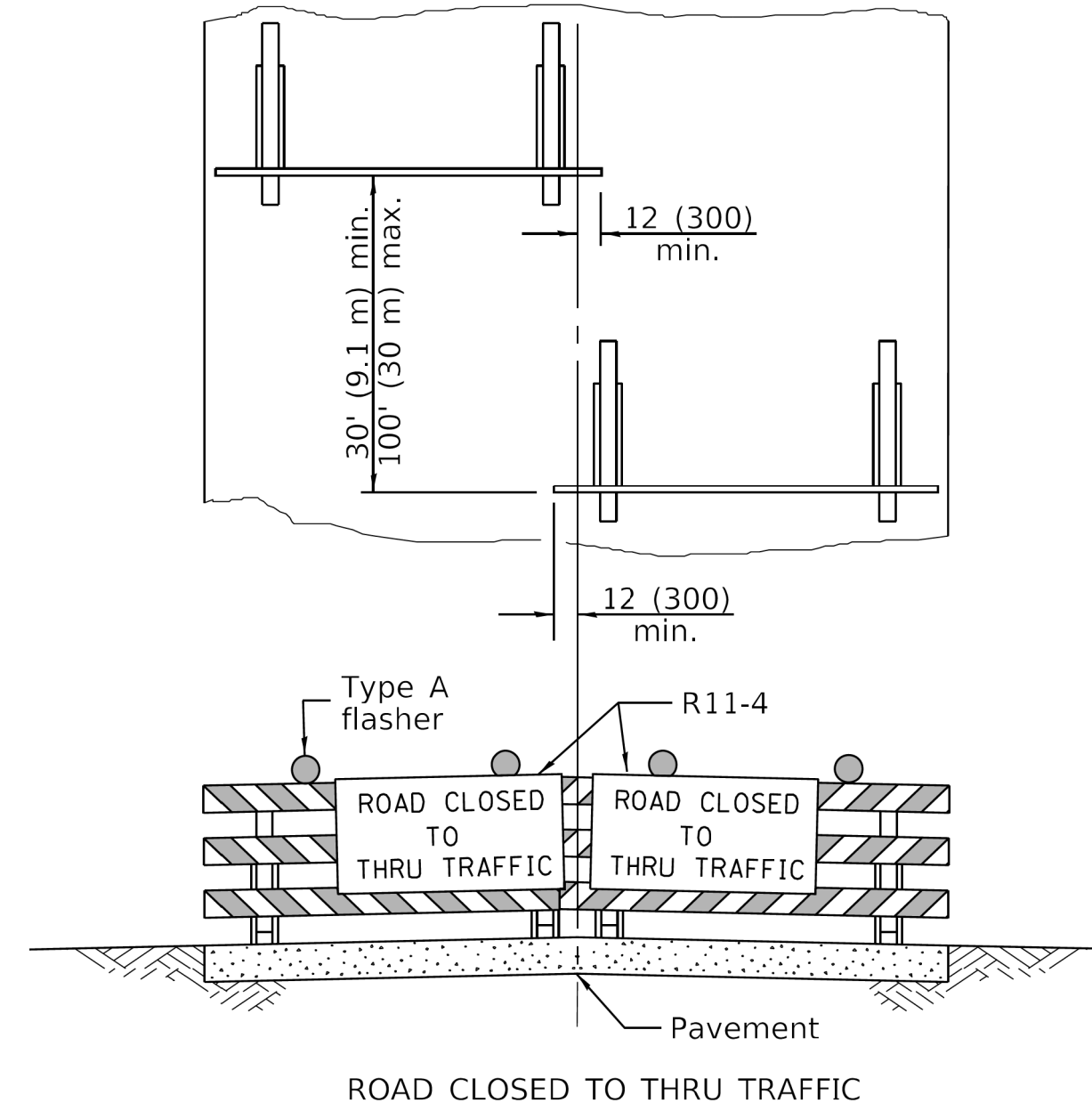
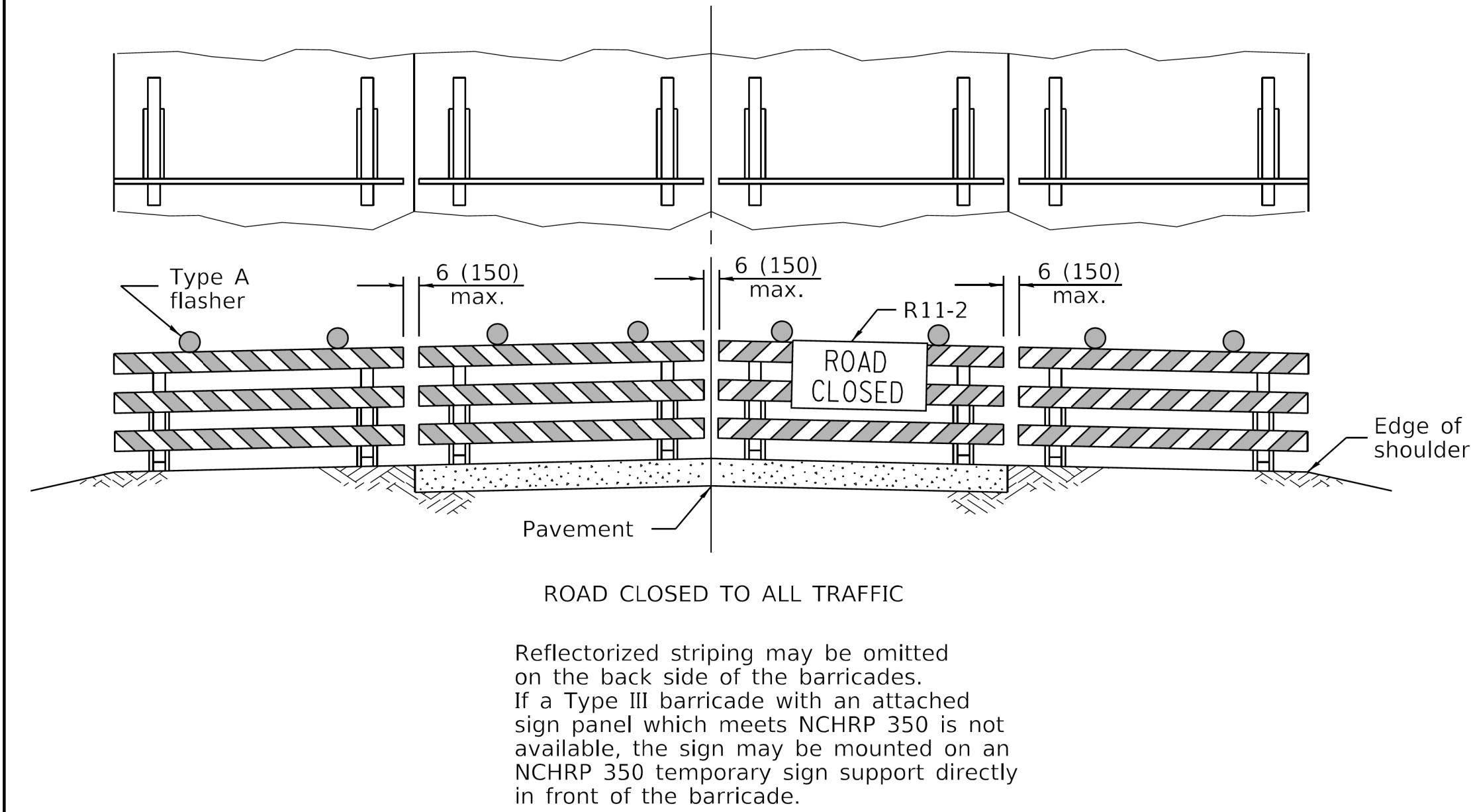
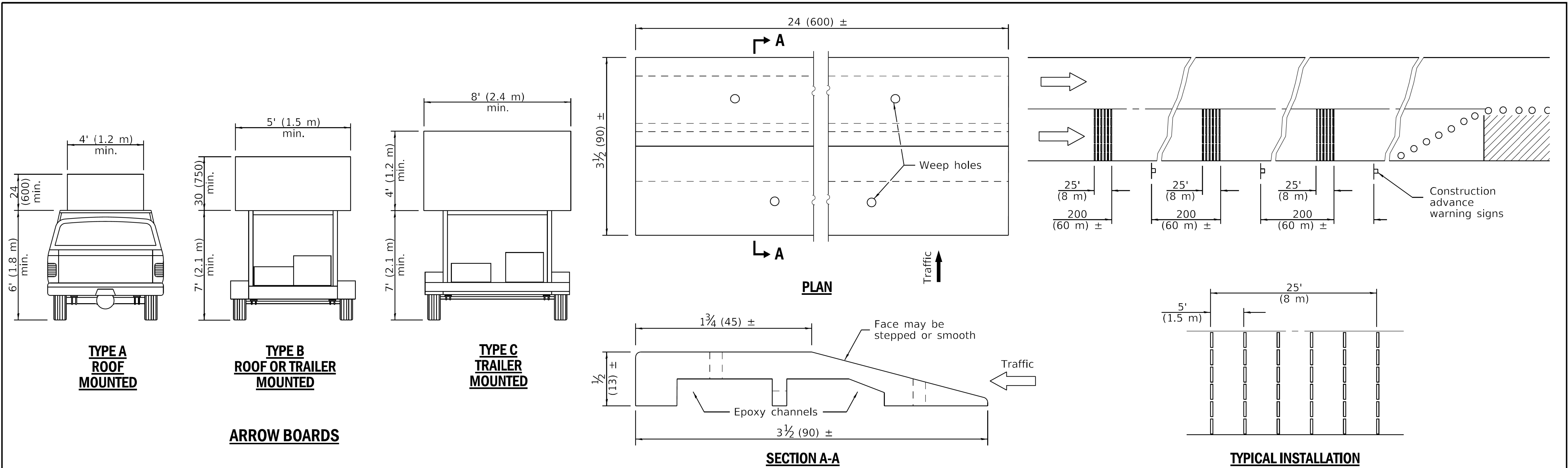
Illinois Department of Transportation	
APPROVED January 1, 2019 <i>[Signature]</i> ENGINEER OF SAFETY PROG. AND ENGINEERING	ISSUED 1-1-13
APPROVED January 1, 2019 <i>[Signature]</i> ENGINEER OF DESIGN AND ENVIRONMENT	

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

IDOT HIGHWAY STANDARDS

SCALE: SHEET 5 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	24
		ILLINOIS	FED. AID PROJECT	



Illinois Department of Transportation	
APPROVED January 1, 2019	ISSUED 1-1-13
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED January 1, 2019	
ENGINEER OF DESIGN AND ENVIRONMENT	

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

TRAFFIC CONTROL DEVICES	
(Sheet 3 of 3)	
STANDARD 701901-08	

MODEL: Default
FILE NAME: p:\cadd\tech-pw-bentley.com\illtech-pw\Documents\Projects\3153-Special Requests\WPA Updates\8th Street Holland to Dead End\Sheet321-FS-05-shd-det-06



USER NAME = all	DESIGNED -	ADDENDUM NO. 1
	DRAWN -	REVISED -
		ADDENDUM NO. 2
		REVISED -
		ADDENDUM NO. 3
PLOT SCALE = 10.0000 ' / in.	CHECKED -	ISSUE TO BID -
PLOT DATE = 4/30/2025	DATE = 04/22/2025	5/6/2025

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

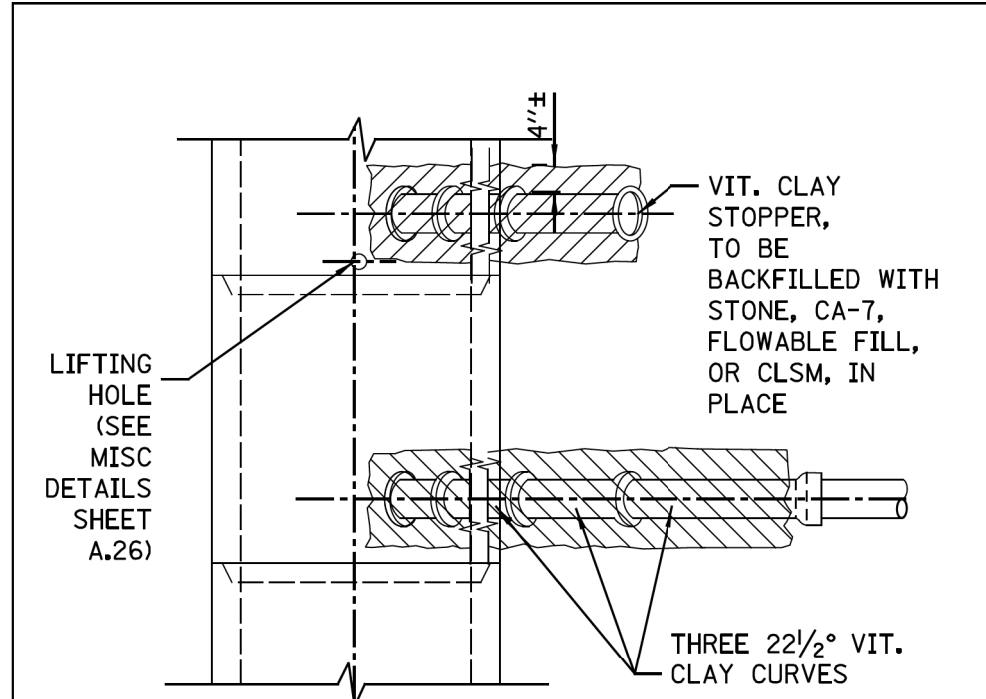
IDOT HIGHWAY STANDARDS

SCALE: SHEET 6 OF 27 SHEETS STA. TO STA.

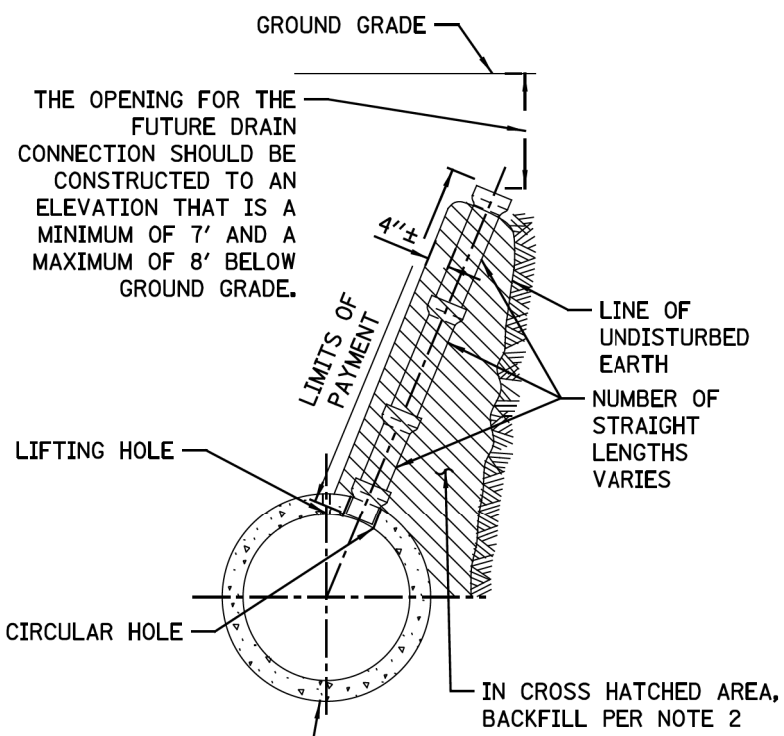
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	25
ILLINOIS		FED. AID PROJECT		

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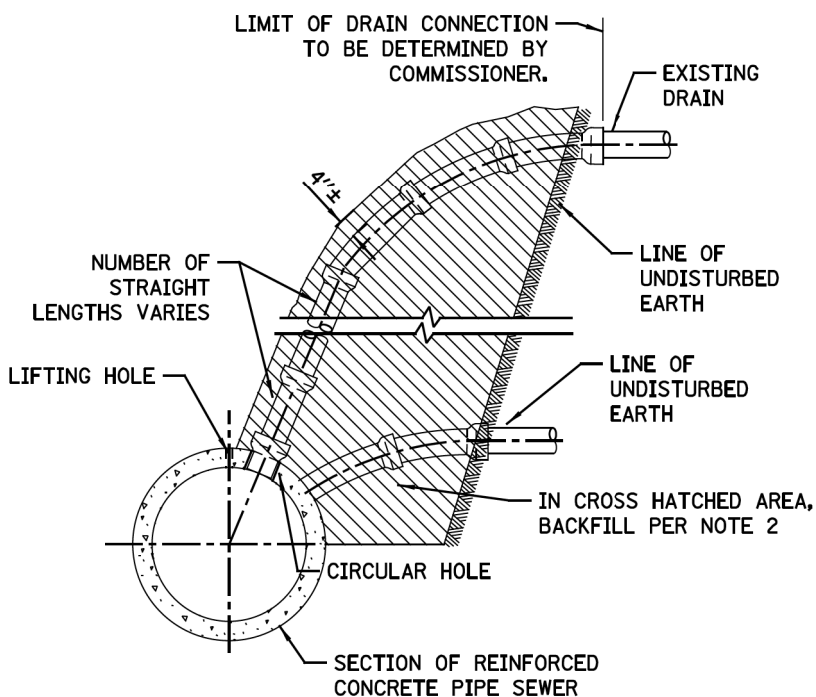
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PLAN

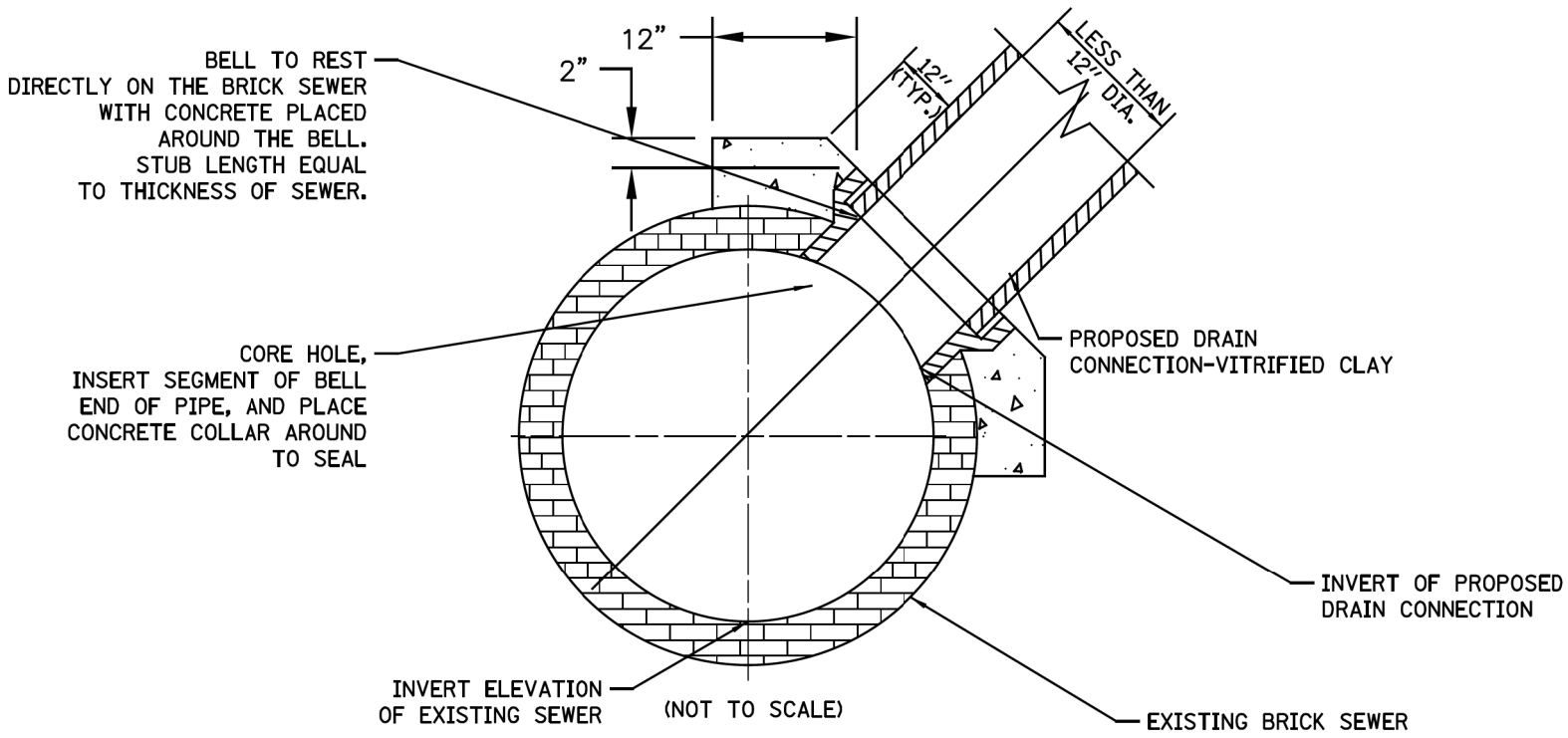


ELEVATION
TYPICAL DRAIN STACKS
FOR FUTURE USE

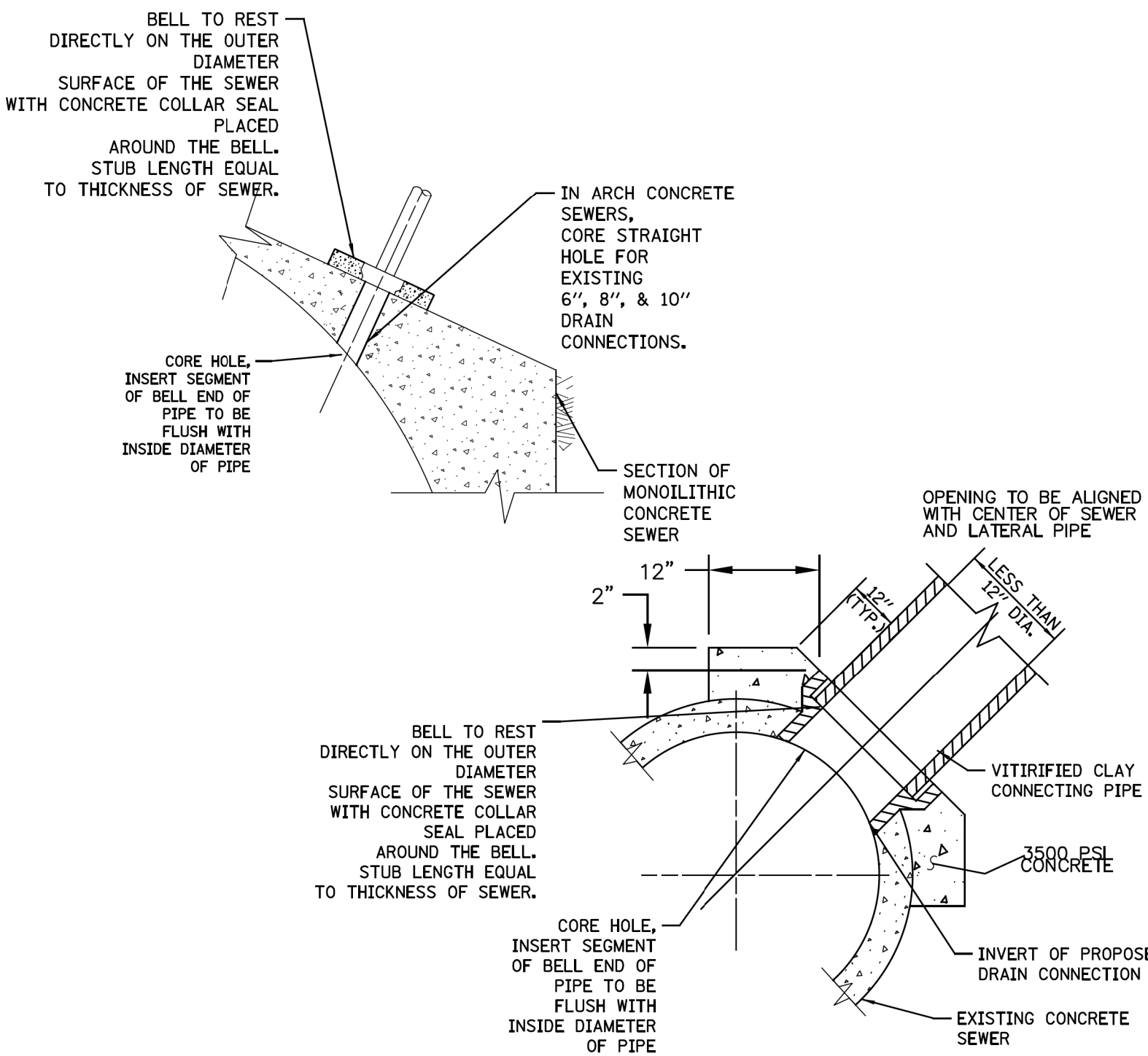


ELEVATION
TYPICAL DRAIN CONNECTIONS
FOR EXISTING DRAINS

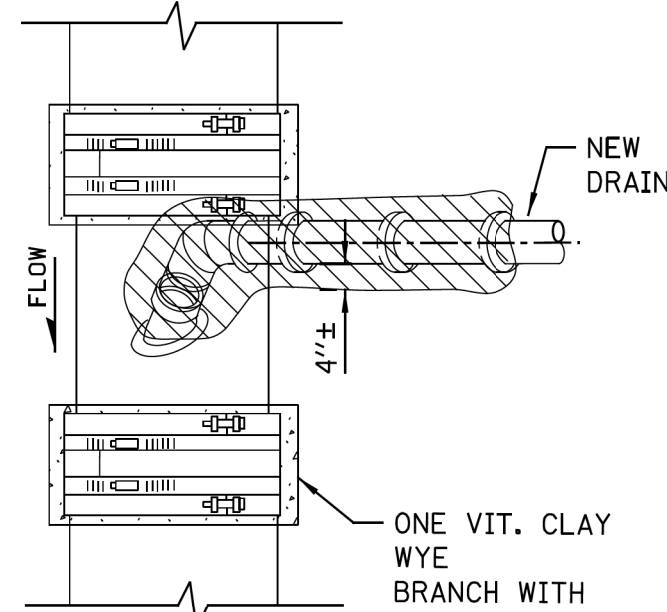
FOR CONCRETE SEWERS



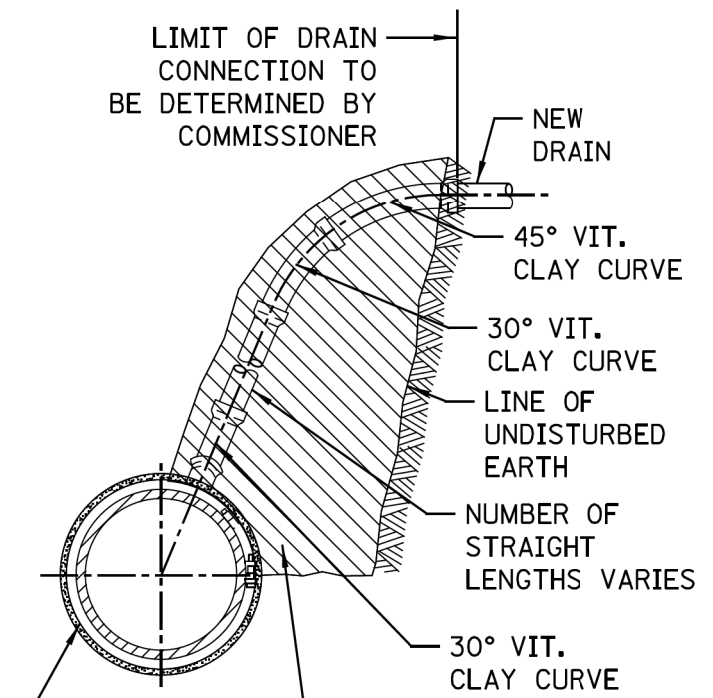
FOR BRICK SEWERS



FOR CONCRETE SEWERS



PLAN

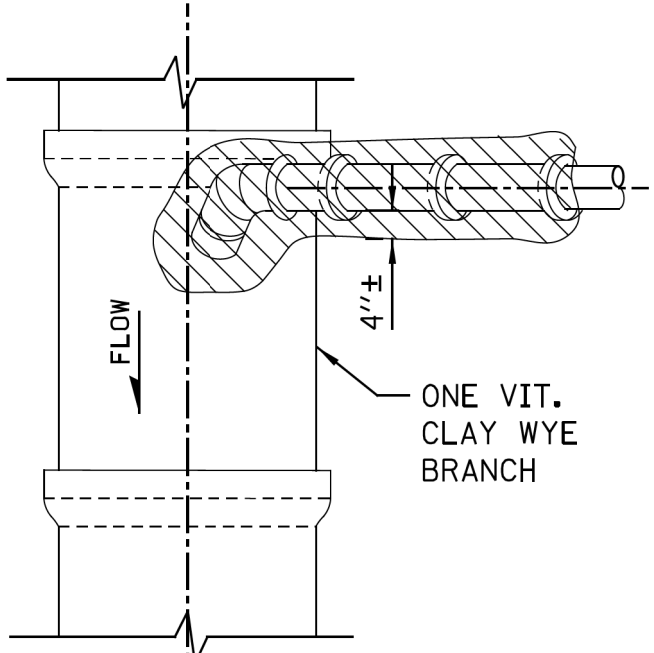


ELEVATION

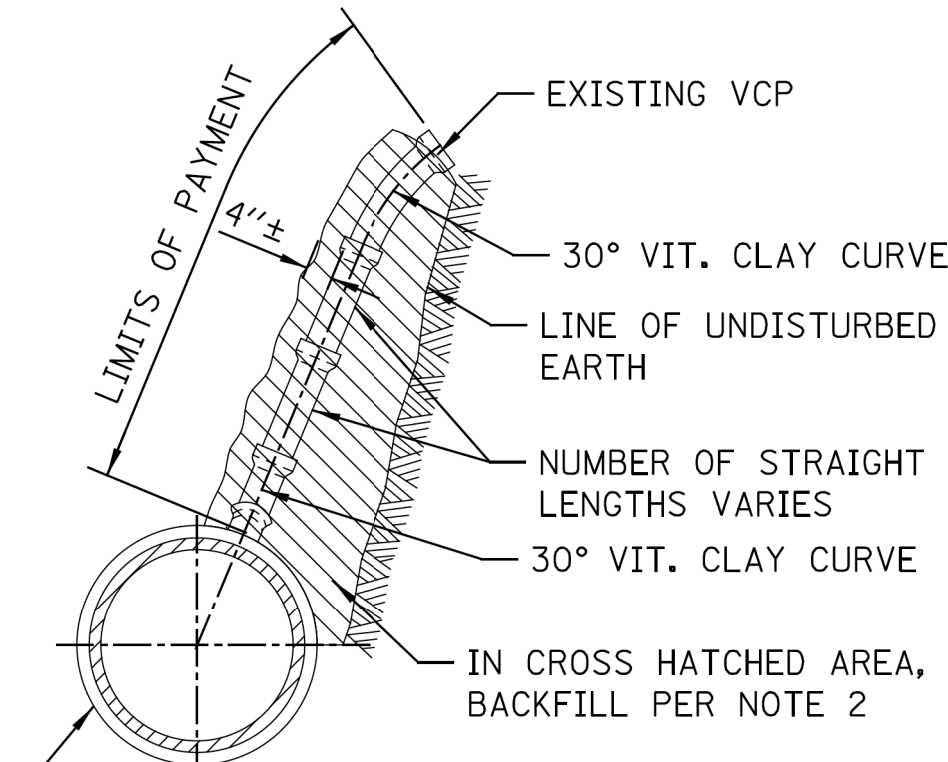
NOTES:

1. Maximum of 6", 8", and 10" drains connections can be cored into minimum 12", 15", and 18" VCP sewers, respectively. All other sizes use new wyes with non-shear couplings encased in concrete.
2. The installation of wye connections on lined sewers need prior approval from DWM

NEW DRAIN CONNECTION
TO EXISTING VCP
SEWER



PLAN



ELEVATION
EXISTING DRAIN
CONNECTION TO NEW
SEWER MAIN

FOR VITRIFIED CLAY SEWERS

NOTES:

1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS..
2. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.
3. CONNECTIONS TO CONCRETE/BRICK SEWERS SHALL BE A MINIMUM OF 4 FEET APART.

STANDARD REVISIONS	
DATE	DESCRIPTION
4/21/21	LAST REVISED
12/6/24	PUBLISHED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DESIGNED BY	
CHECKED BY	
REVIEWED BY	

A.1

OF
PN

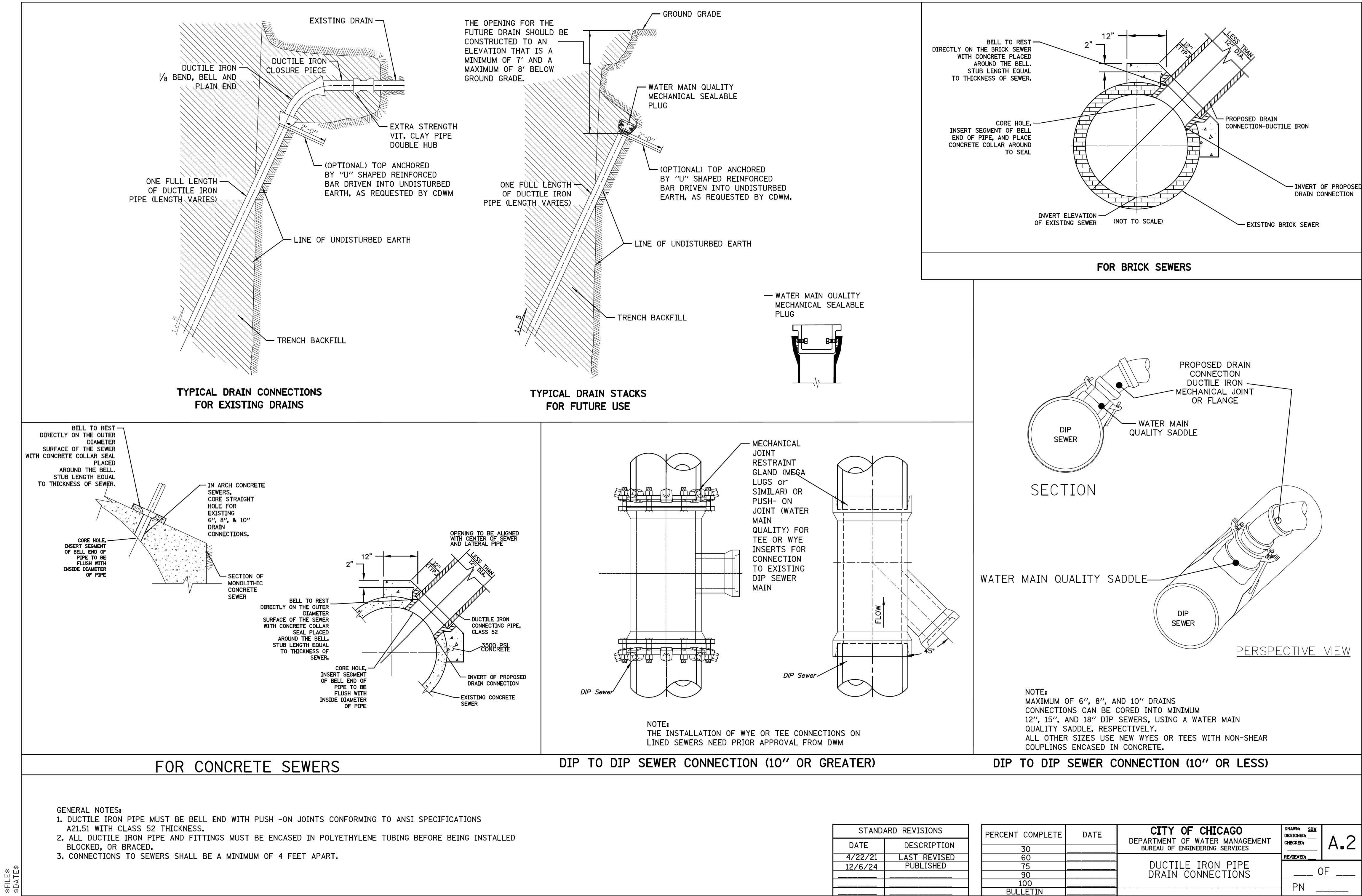
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 7 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	26
		ILLINOIS	FED. AID PROJECT	

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DRAWN	-
CHECKED	-
DATE	- 04/22/2025

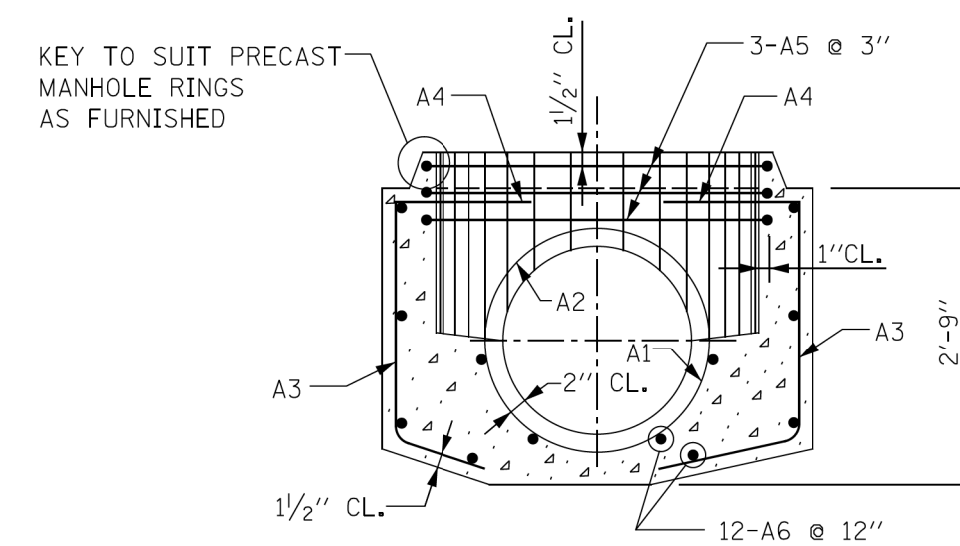
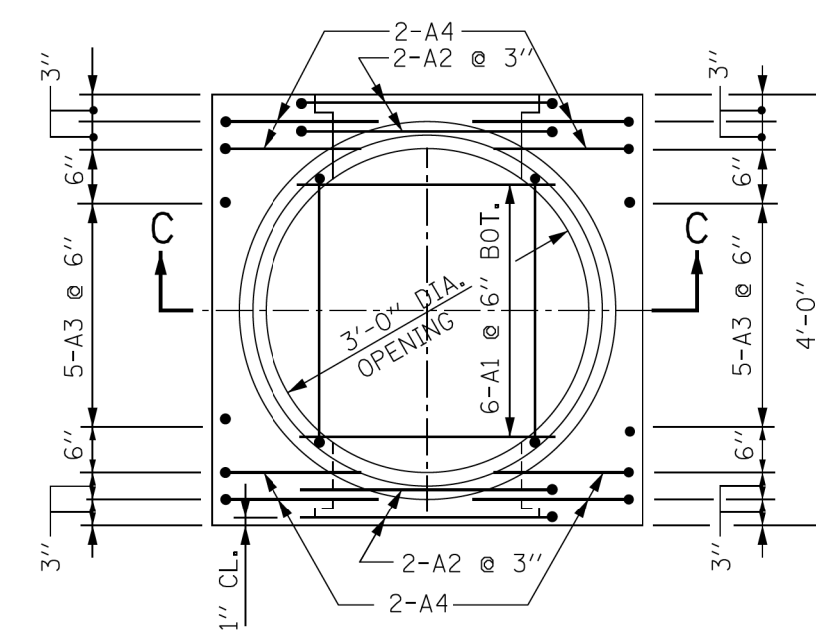
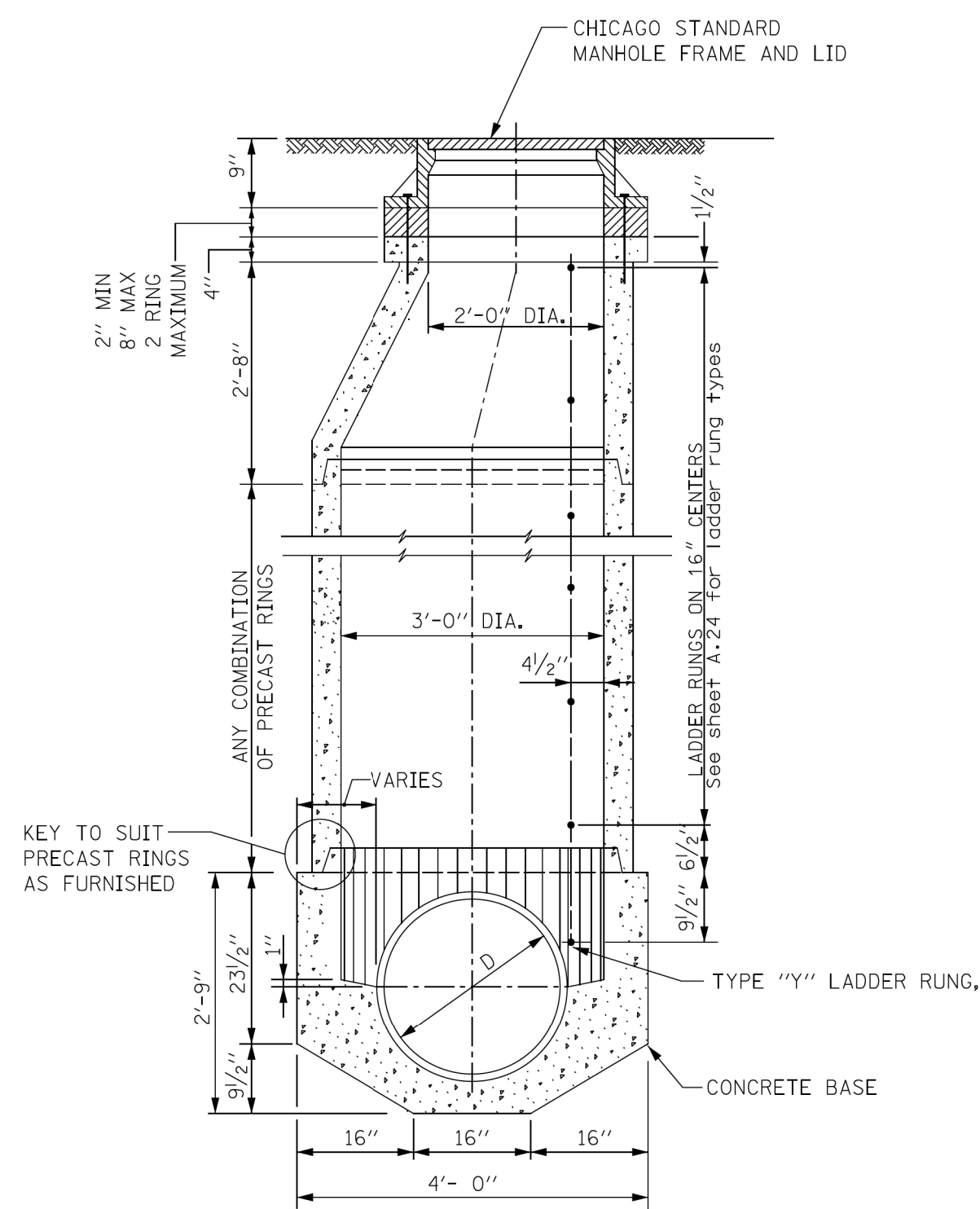
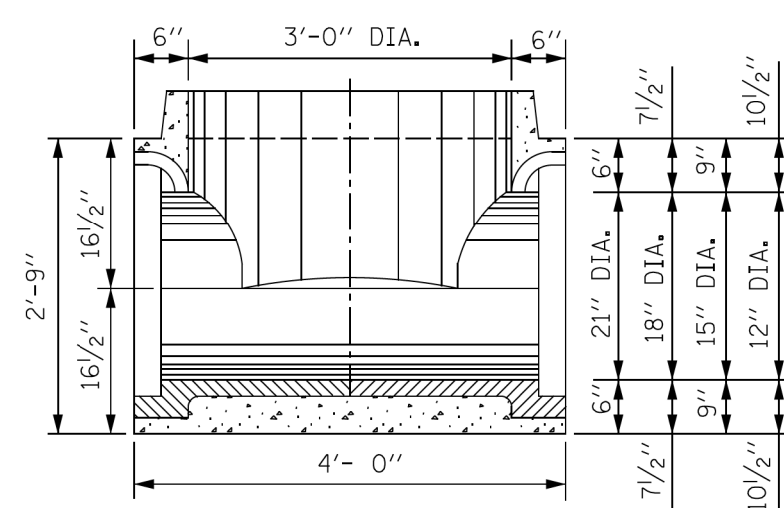
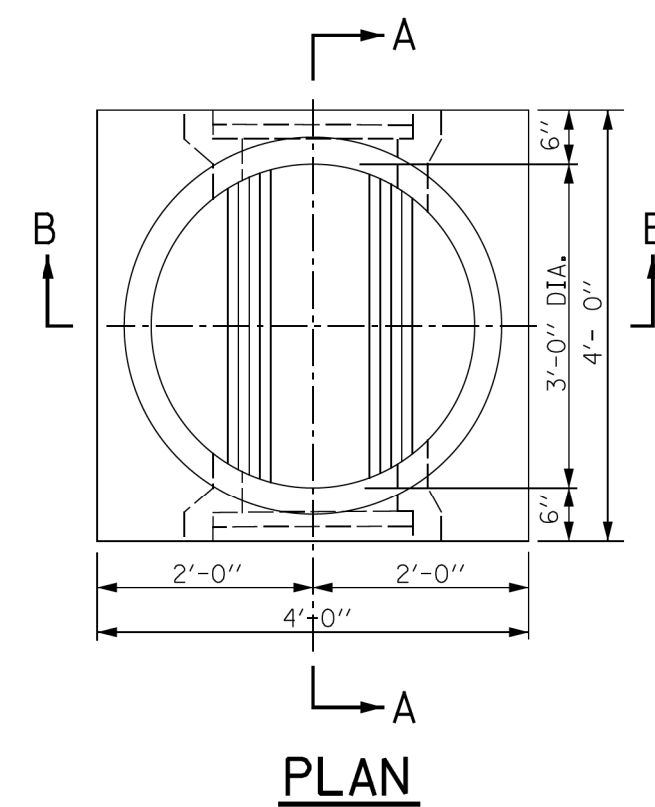
ADDENDUM NO. 1	
REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 8 OF 27 SHEETS STA. TO STA.

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	27
		ILLINOIS	FED. AID PROJECT	



NOTE:
6" MINIMUM GRANULAR EMBEDMENT
UNDER ALL PRECAST MANHOLE BASES

[illegible]

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN _____ DESIGNED _____ CHECKED _____ REVIEWED _____	SIZE _____ A.6 _____ OF _____ PN _____
DATE	DESCRIPTION	30		TYPE "A" PRECAST MANHOLE FOR SEWERS 21" DIA. AND SMALLER		
9/5/17	LAST REVISED	60				
12/6/24	PUBLISHED	75				
		90				
		100				
		BULLETIN				

MODEL: D:\draft\ FILE NAME: p:\cadd\tech-pw-bentley.com\cadd\tech-pw\Documents\Projects\3153-Special Requests\WPA Updates\89th Street Holland to Dead End\Sheets\21-FS-05-shb-det-dm-04.dgn



USER NAME	= ahl	DESIGNED	-
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PLOT SCALE	= 10.0000 ' / in.	CHECKED	-
PLOT DATE	= 4/30/2025	DATE	= 04/22/2025

ADDENDUM NO. 1	
REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	= 5/6/2025

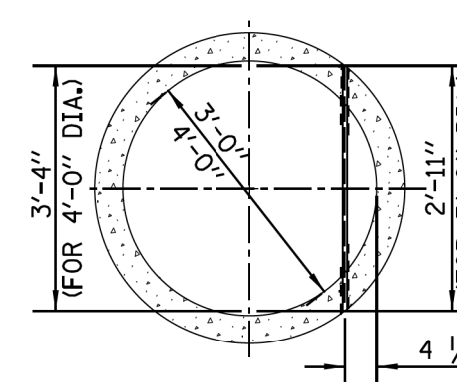
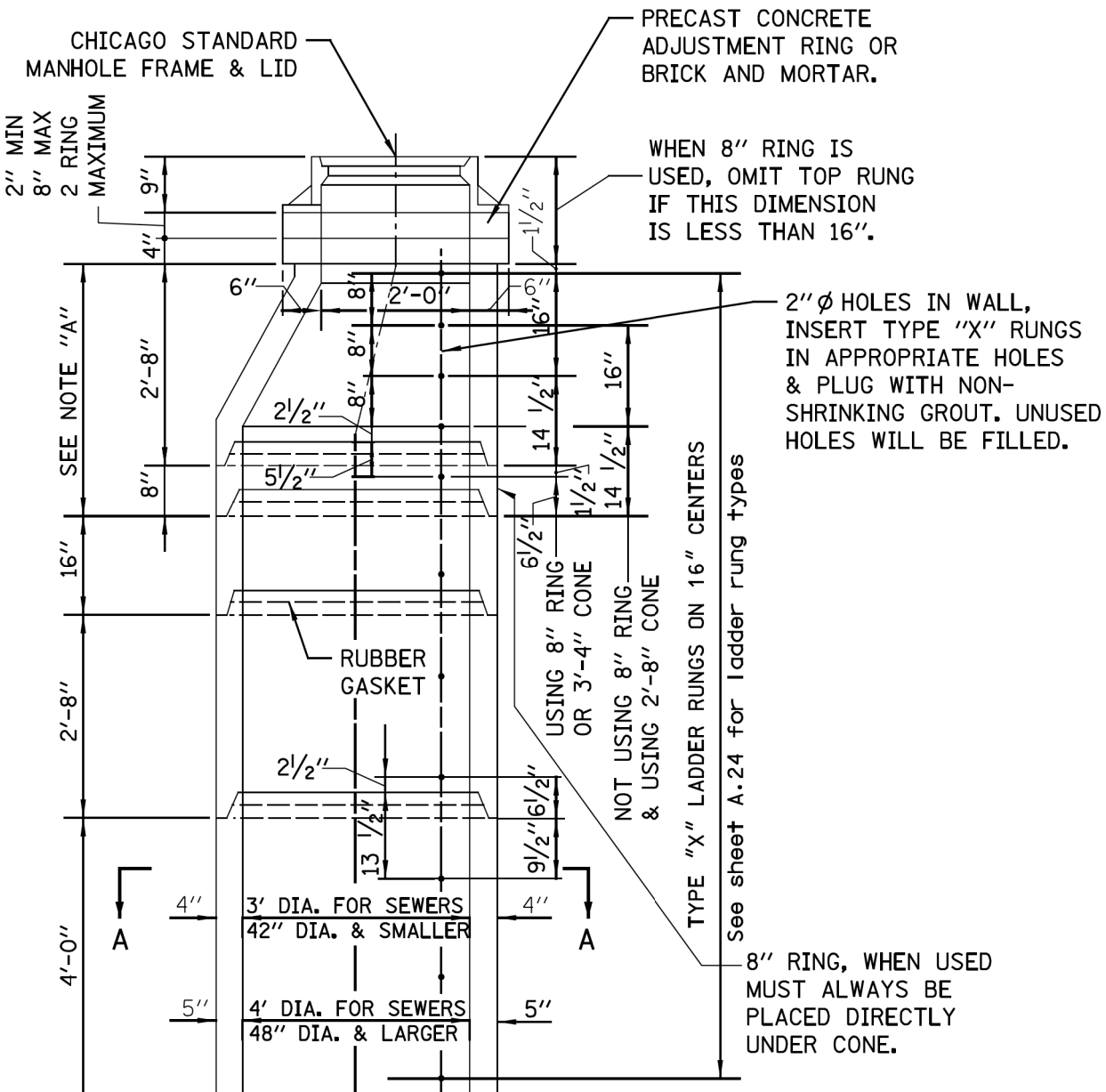
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 10 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	29
		ILLINOIS	FED. AID PROJECT	

NUMBER OF PRECAST RINGS REQUIRED FOR MANHOLES OF VARIOUS HEIGHTS													
TOTAL HEIGHT "H"	9" FRAME CORBEL ≅3'-5"	PRECAST RINGS				BRICK AND/OR MORTAR	TOTAL HEIGHT "H"	9" FRAME CORBEL ≅3'-5"	PRECAST RINGS				BRICK AND/OR MORTAR
		4'-0"	2'-8"	1'-4"	8"	4"			4'-0"	2'-8"	1'-4"	8"	4"
5'-0"	3'-5"	1					3'-0"	12'-0"	3'-5"	2			
1"	"	1					4"	1"	"	2			
2"	"	1					5"	2"	"	2			
3"	"	1	1				6"	3"	"	2	1		
4"	"	1	1	1			7"	4"	"	2	1	1	
5"	"	1	1	1	1		8"	5"	"	2	1	1	1
6"	"	1	1	1	1		9"	6"	"	2	1	1	1
7"	"	1	1	1	1		10"	7"	"	2	1	1	1
8"	"	1	1	1	1		11"	8"	"	2	1	1	1
9"	"	1	1	1	1		12"	9"	"	2	1	1	1
10"	"	1	1	1	1		13"	10"	"	2	1	1	1
11"	"	1	1	1	1		14"	11"	"	2	1	1	1
6'-0"	3'-5"	1	1	1	1		15"	12'-0"	3'-5"	2	1		
1"	"	1					16"	13"	"	2	1		
2"	"	1	1				17"	14"	"	2	1		
3"	"	1	1	1			18"	15"	"	2	1	1	
4"	"	1	1	1	1		19"	16"	"	2	1	1	1
5"	"	1	1	1	1		20"	17"	"	2	1	1	1
6"	"	1	1	1	1		21"	18"	"	2	1	1	1
7"	"	1	1	1	1		22"	19"	"	2	1	1	1
8"	"	1	1	1	1		23"	20"	"	2	1	1	1
9"	"	1	1	1	1		24"	21"	"	2	1	1	1
10"	"	1	1	1	1		25"	22"	"	2	1	1	1
11"	"	1	1	1	1		26"	23"	"	2	1	1	1
7'-0"	3'-5"	1	1	1	1		27"	24'-0"	3'-5"	4	1		
1"	"	1					28"	25"	"	4	1		
2"	"	1	1				29"	26"	"	4	1		
3"	"	1	1	1			30"	27"	"	4	1	1	
4"	"	1	1	1	1		31"	28"	"	4	1	1	1
5"	"	1	1	1	1		32"	29"	"	4	1	1	1
6"	"	1	1	1	1		33"	30"	"	4	1	1	1
7"	"	1	1	1	1		34"	31"	"	4	1	1	1
8"	"	1	1	1	1		35"	32"	"	4	1	1	1
9"	"	1	1	1	1		36"	33"	"	4	1	1	1
10"	"	1	1	1	1		37"	34"	"	4	1	1	1
11"	"	1	1	1	1		38"	35"	"	4	1	1	1
8'-0"	3'-5"	1	1	1	1		39"	36"	"	4	1	1	1
1"	"	1					40"	37"	"	4	1		
2"	"	1	1				41"	38"	"	4	1		
3"	"	1	1	1			42"	39"	"	4	1	1	
4"	"	1	1	1	1		43"	40"	"	4	1	1	1
5"	"	1	1	1	1		44"	41"	"	4	1	1	1
6"	"	1	1	1	1		45"	42"	"	4	1	1	1
7"	"	1	1	1	1		46"	43"	"	4	1	1	1
8"	"	1	1	1	1		47"	44"	"	4	1	1	1
9"	"	1	1	1	1		48"	45"	"	4	1	1	1
10"	"	1	1	1	1		49"	46"	"	4	1	1	1
11"	"	1	1	1	1		50"	47"	"	4	1	1	1
9'-0"	3'-5"	1	1	1	1		51"	48'	3'-5"	3	1		
1"	"	1					52"	49"	"	3	1		
2"	"	1	1				53"	50"	"	3	1		
3"	"	1	1	1			54"	51"	"	3	1	1	
4"	"	1	1	1	1		55"	52"	"	3	1	1	1
5"	"	1	1	1	1		56"	53"	"	3	1	1	1
6"	"	1	1	1	1		57"	54"	"	3	1	1	1
7"	"	1	1	1	1		58"	55"	"	3	1	1	1
8"	"	1	1	1	1		59"	56"	"	3	1	1	1
9"	"	1	1	1	1		60"	57"	"	3	1	1	1
10"	"	1	1	1	1		61"	58"	"	3	1	1	1
11"	"	1	1	1	1		62"	59"	"	3	1	1	1
10'-0"	3'-5"	1	1	1	1		63"	60'	3'-5"	3	1		
1"	"	1					64"	61"	"	3	1		
2"	"	1	1				65"	62"	"	3	1		
3"	"	1	1	1			66"	63"	"	3	1	1	
4"	"	1	1	1	1		67"	64"	"	3	1	1	1
5"	"	1	1	1	1		68"	65"	"	3	1	1	1
6"	"	1	1	1	1		69"	66"	"	3	1	1	1
7"	"	1	1	1	1		70"	67"	"	3	1	1	1
8"	"	1	1	1	1		71"	68"	"	3	1	1	1
9"	"	1	1	1	1		72"	69"	"	3	1	1	1
10"	"	1	1	1	1		73"	70"	"	3	1	1	1
11"	"	1	1	1	1		74"	71"	"	3	1	1	1
11'-0"	3'-5"	1	1	1	1		75"	72'	3'-5"	3	1		
1"	"	1					76"	73"	"	3	1		
2"	"	1	1				77"	74"	"	3	1		
3"	"	1	1	1			78"	75"	"	3	1	1	
4"	"	1	1	1	1		79"	76"	"	3	1	1	1
5"	"	1	1	1	1		80"	77"	"	3	1	1	1
6"	"	2					81"	78"	"	3	1		
7"	"	2					82"	79"	"	3	1		
8"	"	2					83"	80"	"	3	1		
9"	"	2					84"	81"	"	3	1		
10"	"	2					85"	82"	"	3	1		
11"	"	2					86"	83"	"	3	1		



DETAIL OF PRECAST RINGS

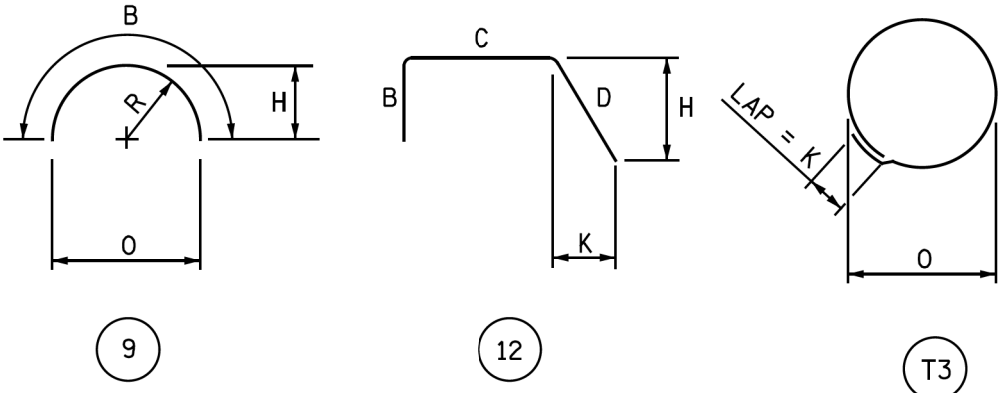
- NOTES:
- PRECAST CONCRETE RINGS MUST CONFORM TO A.S.T.M. DESIGNATION C76 FOR "REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE", CLASS II, WALL B.
 - STANDARD LENGTHS OF RINGS ARE: 4'-0", 2'-8", 1'-4", 0'-8" AND 0'-4" COLLAR.
 - ALL REINFORCEMENT STEEL REQUIRED FOR PRECAST RINGS MUST BE INCLUDED IN THE PRICE BID FOR ALL MANHOLE ITEMS.
 - ALL PIPE AND FITTINGS 24 INCHES IN DIAMETER AND LARGER MUST BE CLASS III, IV AND V REINFORCED CONCRETE PIPE AS SPECIFIED IN THE SPECIFICATIONS FOR "REINFORCED CONCRETE CULVERT STORM DRAIN, AND SEWER PIPE." A.S.T.M. DESIGNATION C76, TABLE III, IV AND V, WALL B OR WALL C WITH CIRCULAR OR ELLIPTICAL REINFORCEMENT

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN DESIGNED CHECKED REVIEWED	SEEN BY
DATE	DESCRIPTION					
1/17/20	LAST REVISED	30		TYPE "A" MANHOLE PRECAST RISERS, AND RINGS 24" AND LARGER	A.7	OF
12/6/24	PUBLISHED	60				
		75				
		90				
		100				
		BULLETIN				PN

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REINFORCEMENT BAR										BENDING DIMENSIONS												
MANV. NO.	SIZE	TYPE	LENGTH	NO. REQD.	WEIGHT - LBS. EACH	WEIGHT - LBS. TOTAL	A	B	C	D	E	F	G	H	J	K	O	R				
36A1	6	T3	12'-7"	6	16.30	113										2'-0"	3'-4 1/2"					
36A2	5	3	6'-0"	4	6.26	25		6'-0"								2'-0"	3'-0"	20"				
36A3	5	12	4'-6"	4	4.69	19								2'-2"		18"	10 1/2"					
36A4	5	12	3'-0"	5	5.22	26								14 1/2"		8 1/2"						
36A5	5	12	5'-9"	5	6.00	30								18"		10 1/2"						
36A6	5	T3	11'-11"	3	12.43	37										20"	3'-3 1/2"					
36A7	5	12	5'-4"	5	5.31	26								14 1/2"		8 1/2"						
36A8	4	STR	4'-8"	16	3.12	50																
TOTAL						336																
30A1	6	T3	11'-1"	6	16.65	100										2'-0"	2'-10 1/2"					
30A2	5	9	4'-4"	4	4.52	18		4'-4"								18"	2'-10"	17"				
30A3	5	12	4'-0"	4	4.17	17								2'-3"		21"	10 1/2"					
30A4	5	12	3'-0"	5	4.00	20								12 1/2"		7 1/2"						
30A5	5	12	5'-3"	5	5.48	27								18"		10 1/2"						
30A6	5	T3	11'-11"	3	12.43	37										20"	3'-3 1/2"					
30A7	5	12	5'-1"	5	5.30	26								12 1/2"		7 1/2"						
30A8	4	STR	4'-6"	16	3.12	47																
TOTAL						292																
24A1	6	9	3'-5"	6	5.13	31										13"	2'-3 1/2"	14 1/2"				
24A2	6	T3	9'-4"	7	14.02	98											22"	2'-4 1/4"				
24A3	5	12	3'-6"	10	3.65	37								14 1/2"		8 1/2"						
24A4	5	12	4'-0"	10	4.36	50								15"		2'-1"	17"					
24A5	5	T3	11'-11"	3	12.43	37											20"	3'-3 1/2"				
24A6	4	STR	4'-8"	12	3.12	37																
TOTAL						290																



NOTES:
ALL DIMENSIONS ARE OUT TO OUT OF BAR.
BENDING RADII "R" TO OUTSIDE OF BAR.
NUMBERS IN CIRCLES DENOTE BAR TYPE.

PLACING OF CONCRETE- CONCRETE MUST BE PLACED IN ACCORDANCE WITH THE METHOD OUTLINED IN THE CITY OF CHICAGO STANDARD SPECIFICATIONS.
CONSTRUCTION JOINTS - JOINTS NOT INDICATED ON THE DRAWINGS MUST BE SO MADE AND LOCATED AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE AND MUST BE APPROVED BY THE COMMISSIONER. JOINTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE METHOD OUTLINED IN THE SPECIFICATIONS.

CONCRETE PROTECTION FOR REINFORCEMENT- ALL REINFORCING STEEL MUST HAVE CLEAR CONCRETE COVERING AS FOLLOWS (UNLESS OTHERWISE NOTED) :
3" AT EXTERIOR SURFACES WHERE CONCRETE IS DEPOSITED AGAINST THE GROUND;
2.5" AT SURFACES WHERE CONCRETE IS FORMED BUT SUBSEQUENTLY WILL BE IN CONTACT WITH SEWAGE; 2" AT ALL OTHER SURFACES.

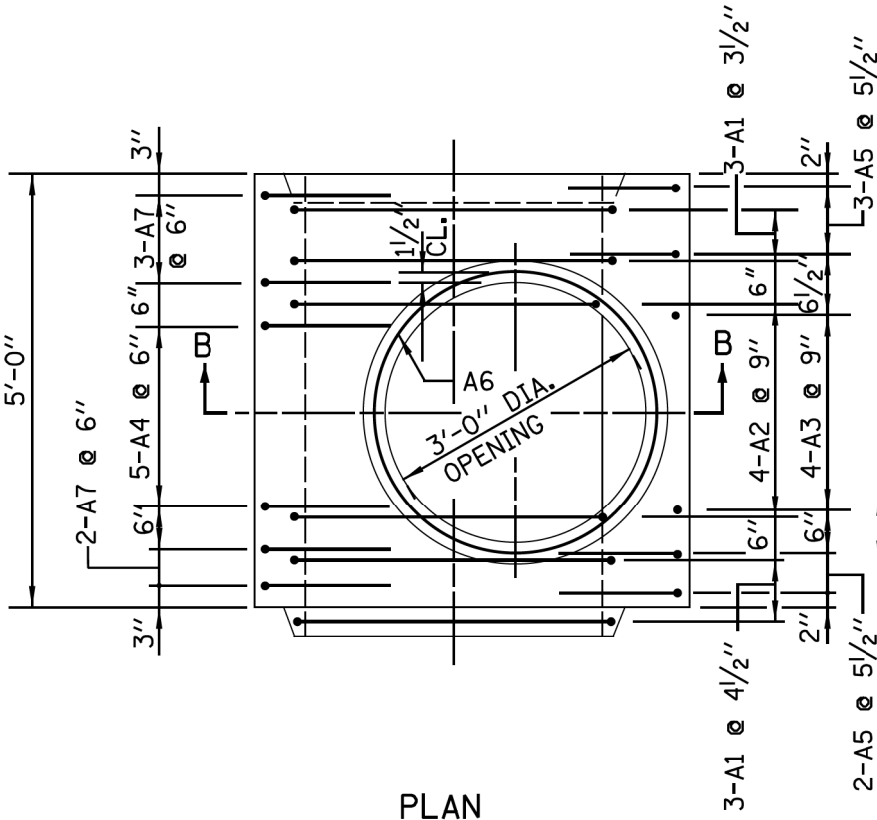
REINFORCING STEEL- ALL REINFORCING BARS MUST BE ACCURATELY PLACED AND SECURELY SUPPORTED BY BAR SUPPORTS, SPACERS OR HIGH CHAIRS.
ALL LAPS IN REINFORCING STEEL MUST BE BASED UPON THE 1989, ACI BUILDING CODE.

UNLESS OTHERWISE NOTED, HOOKS AND BENDS ON BARS MUST CONFORM TO RECOMMENDED DETAILS AS GIVEN IN THE "MANUAL OF STANDARD PRACTICE", C.R.S.I. 1990.

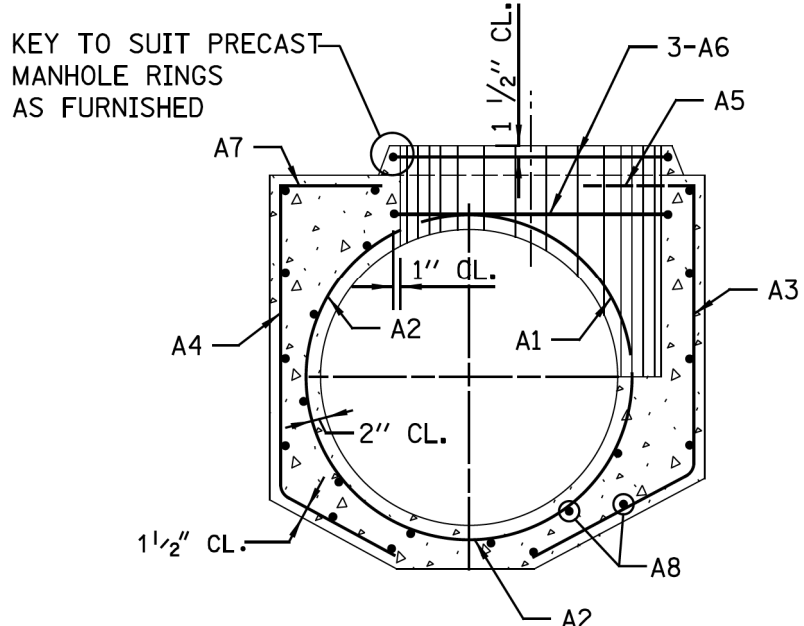
THE FOLLOWING ABBREVIATIONS ARE USED TO INDICATE THE LOCATION OF REINFORCING BARS:

T.	DENOTES	TOP	N.F.	DENOTES	NEAR FACE
BOT.	DENOTES	BOTTOM	F.F.	DENOTES	FAR FACE
I.F.	DENOTES	INSIDE FACE	E.F.	DENOTES	EACH FACE
O.F.	DENOTES	OUTSIDE FACE	E.W.	DENOTES	EACH WAY

PLACING BAR SUPPORTS- ALL REINFORCING BARS MUST BE SUPPORTED, ANCHORED AND TIED AND MUST CONFORM TO THE "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS", 1986, PREPARED BY THE CONCRETE REINFORCING STEEL INSTITUTE.

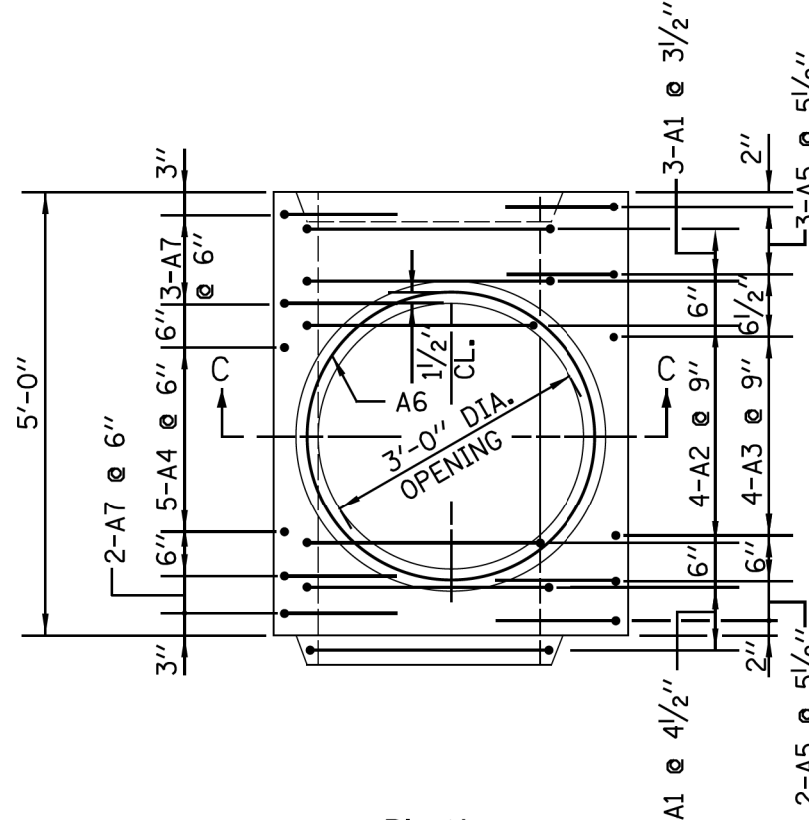


PLAN

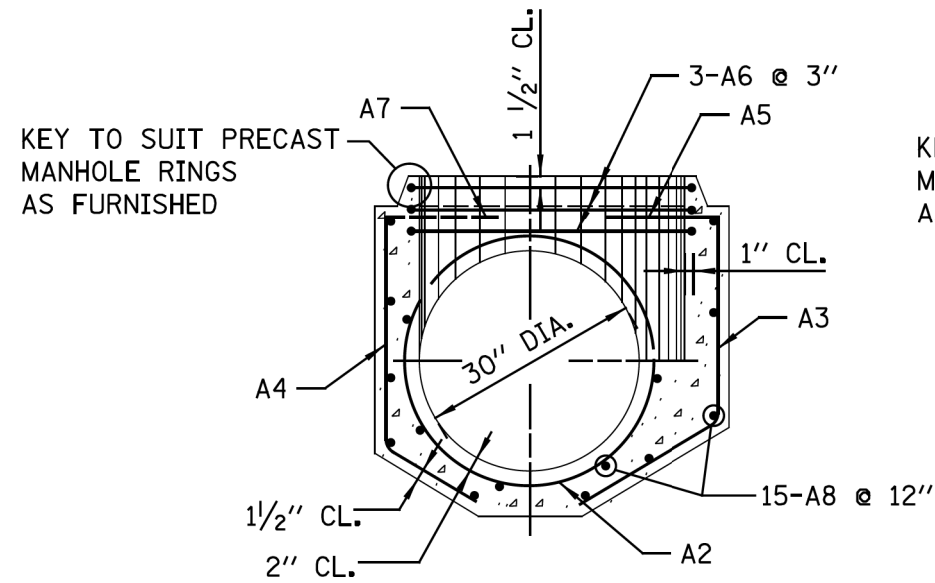


SECTION B-B

**MANHOLE BASE FOR
36" DIA. SEWERS**

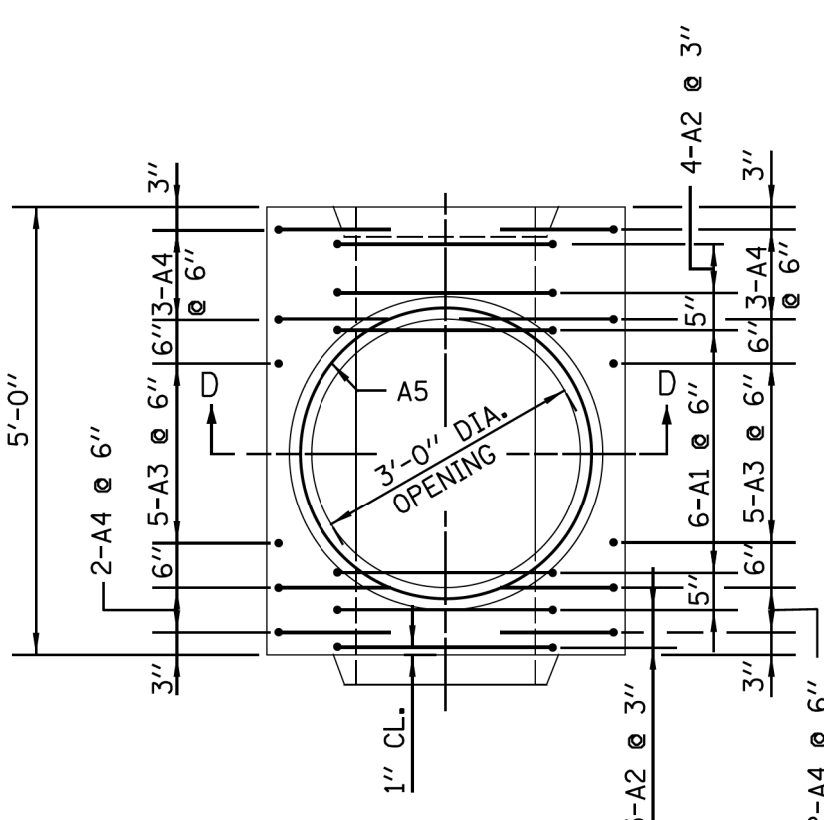


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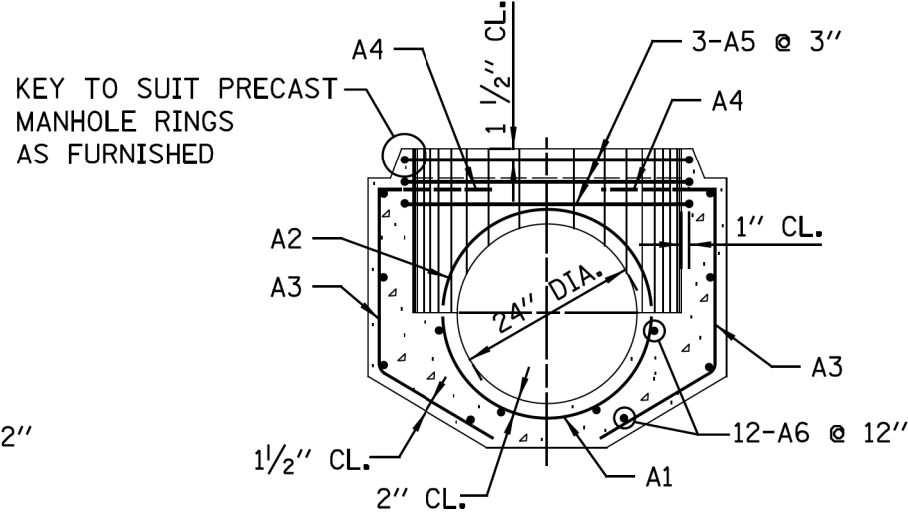


SECTION C-C

**MANHOLE BASE FOR
30" DIA. SEWERS**



PLAN



SECTION D-D

**MANHOLE BASE FOR
24" DIA. SEWERS**

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN DESIGNED CHECKED REVIEWED	SHEET NO. A.8
DATE	DESCRIPTION					
2/23/17	LAST REVISED	30		REINFORCEMENT FOR TYPE "A" PRECAST BASES AND RINGS 24" to 36"	OF PN	
12/6/24	PUBLISHED	60				
		75				
		90				
		100				
		BULLETIN				

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	CHECKED -	ADDENDUM NO. 2
		REVISED -
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PLOT DATE = 4/30/2025	DATE - 04/22/2025	ISSUE TO BID - 5/6/2025

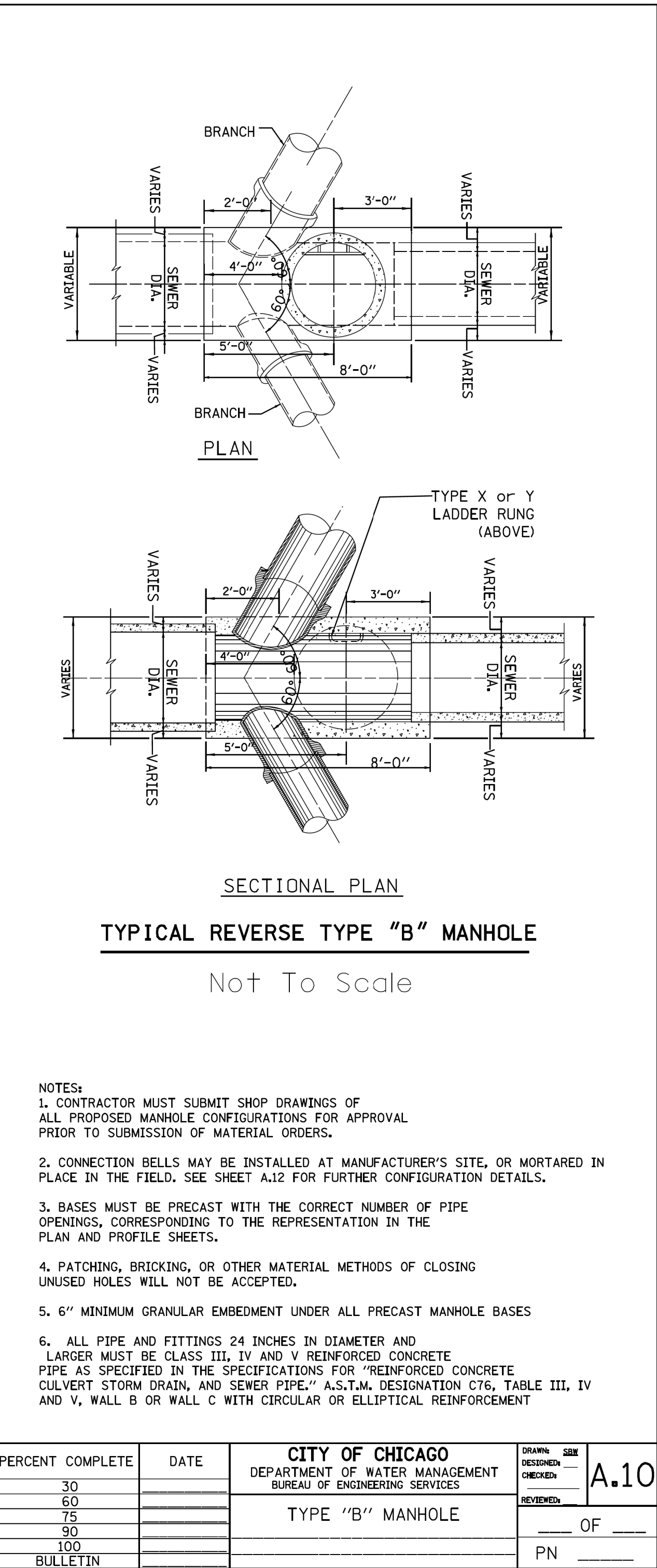
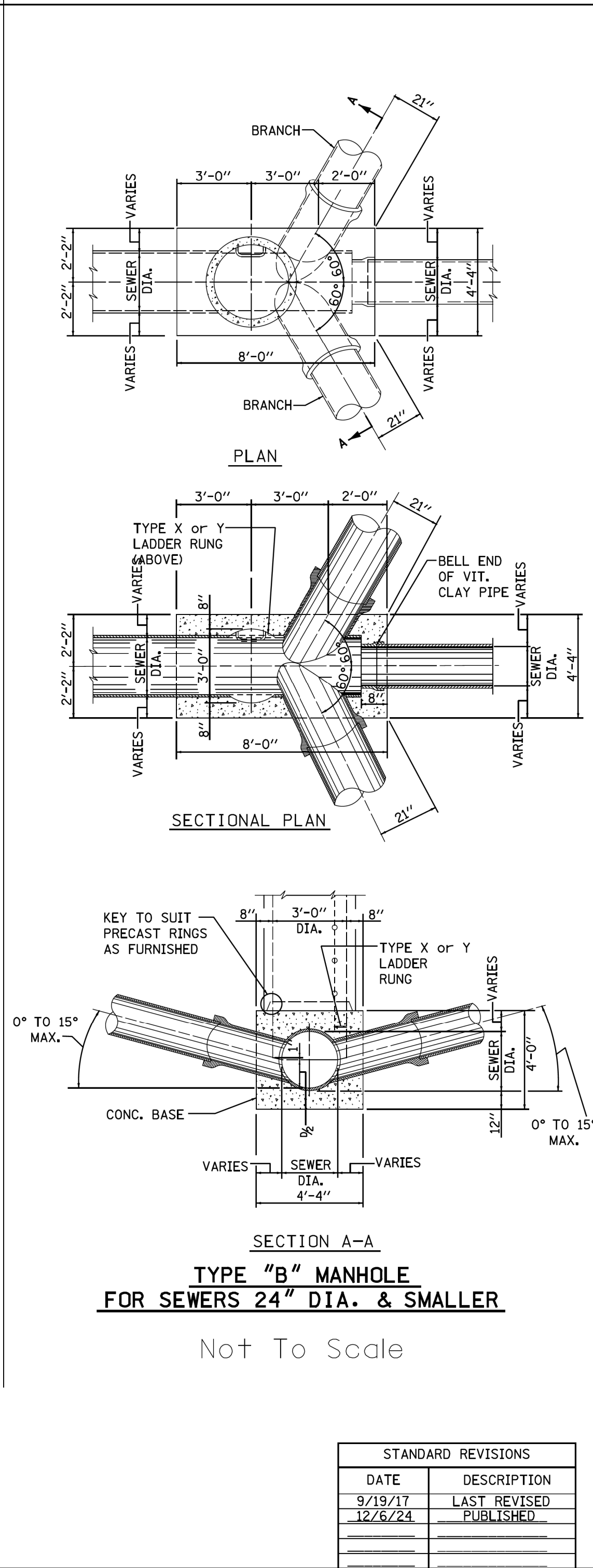
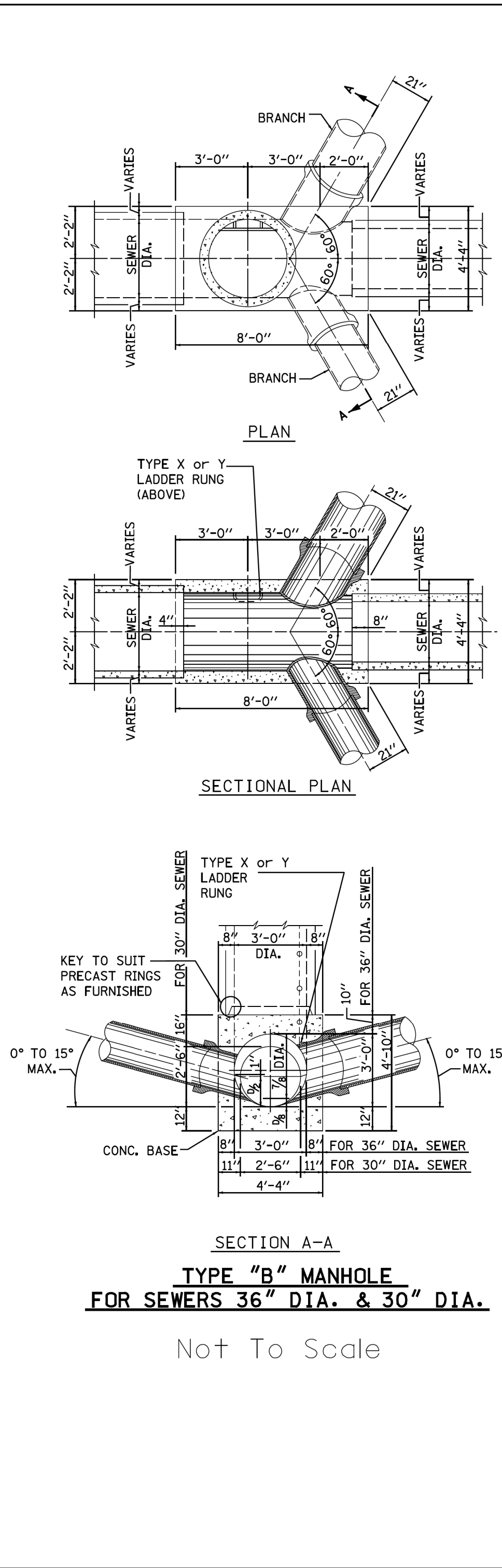
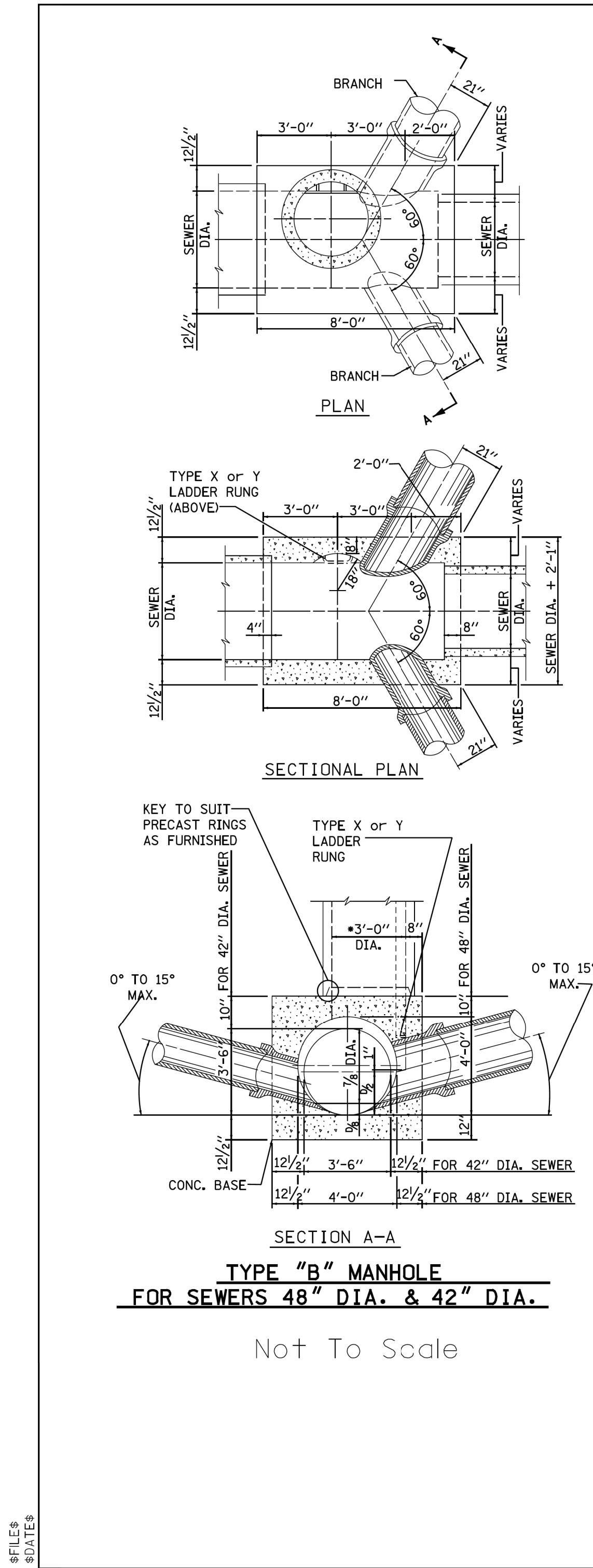
**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

CDWM SEWER DETAILS

SCALE: SHEET 11 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	30
		ILLINOIS	FED. AID PROJECT	

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				ADDENDUM NO. 3
PLOT DATE	= 4/30/2025	DATE	= 04/22/2025	ISSUE TO BID
				5/6/2025

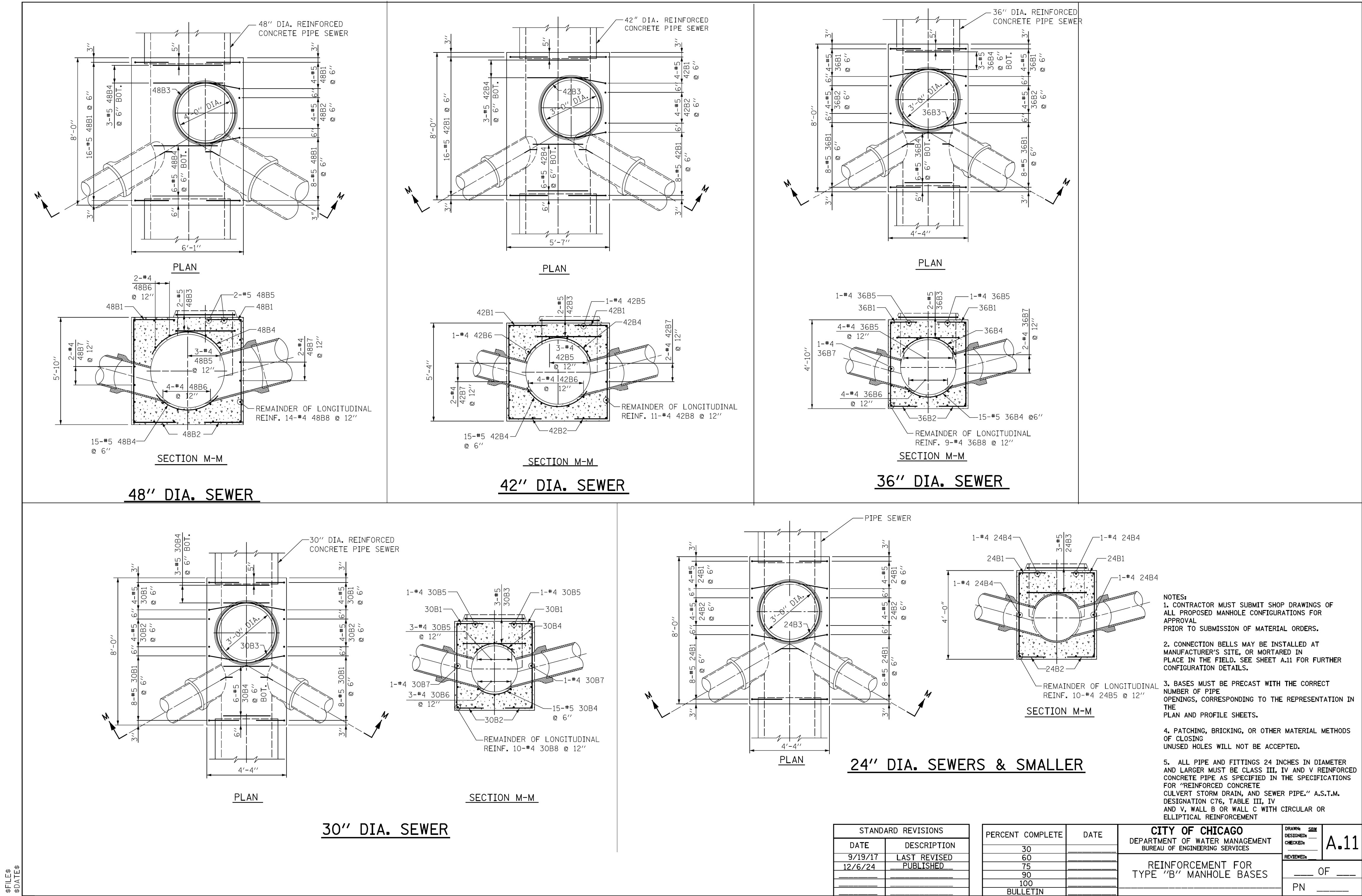
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 13 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	32
		ILLINOIS	FED. AID PROJECT	

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PLOT DATE	= 4/30/2025	DATE	- 04/22/2025

ADDENDUM NO. 1	
REVISED	-
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ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

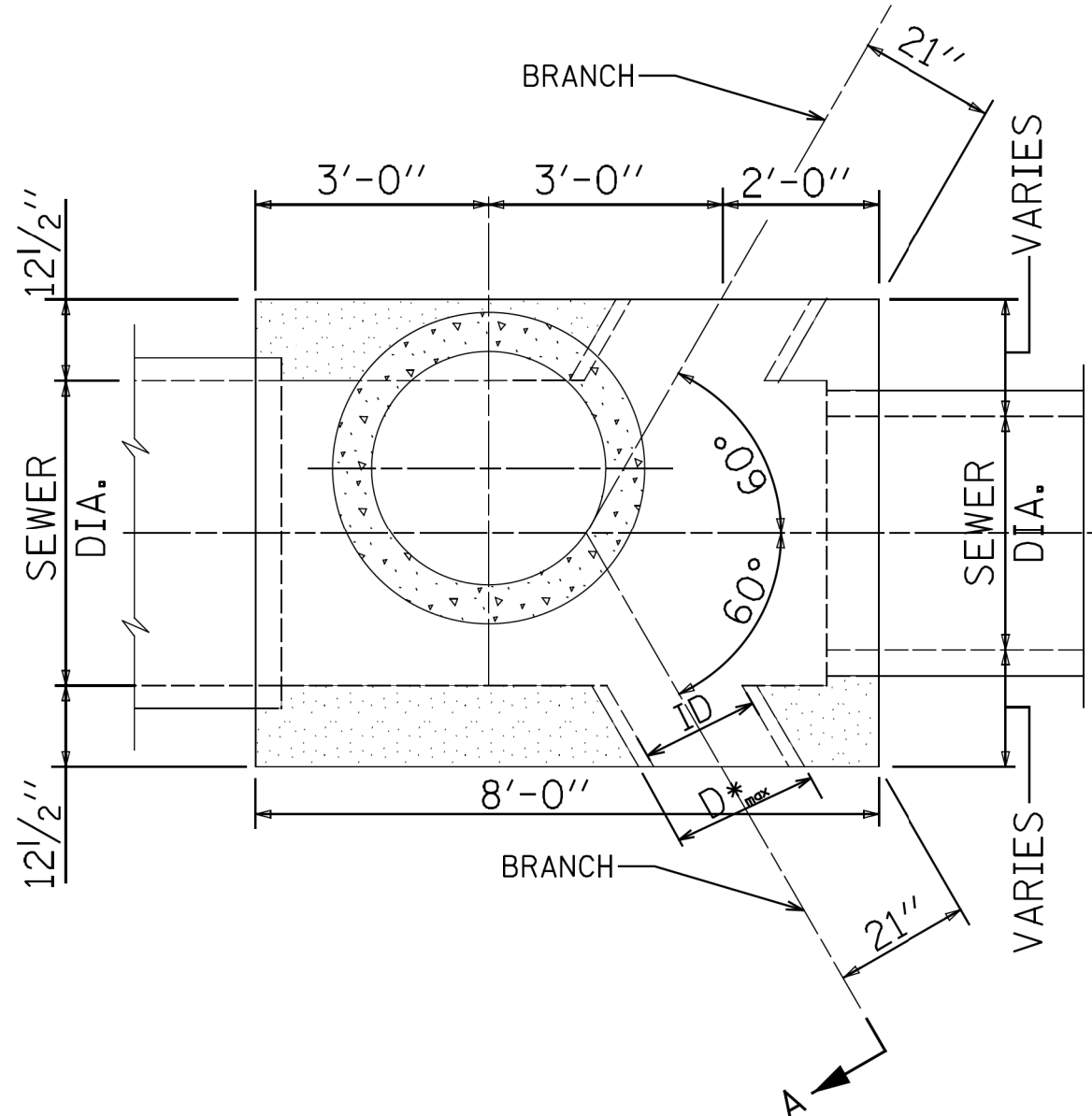
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

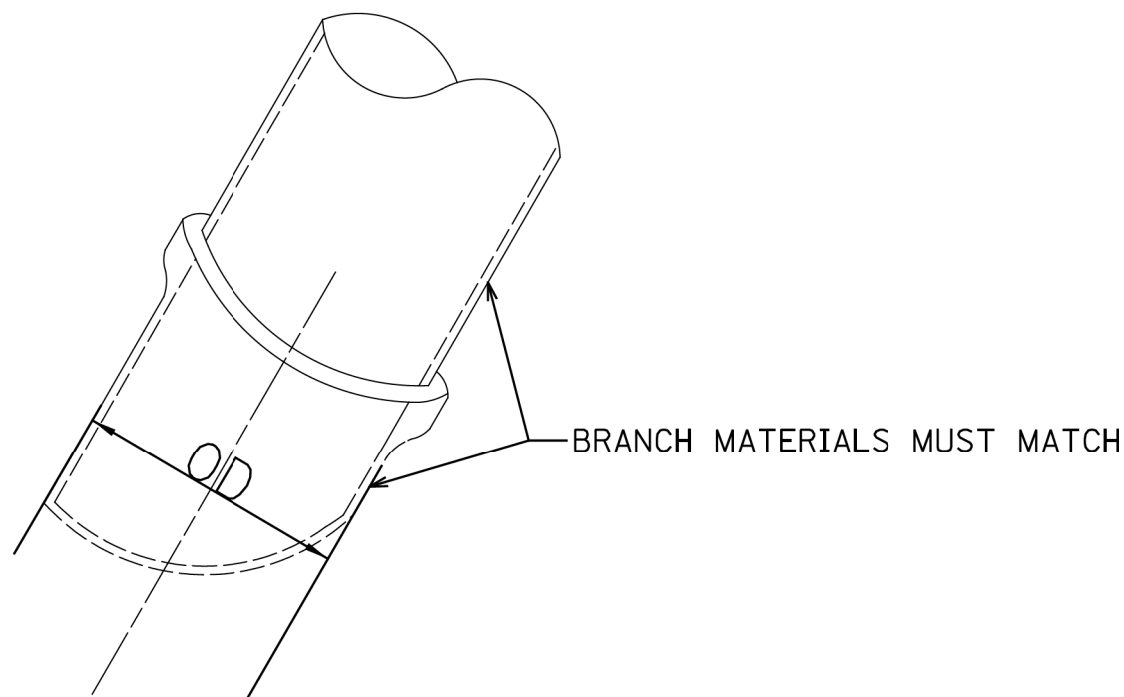
SCALE: SHEET 14 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	33
		ILLINOIS	FED. AID PROJECT	

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TYPICAL 4 OPENING TYPE B MANHOLE



- NOTES:
1. CONTRACTOR MUST SUBMIT SHOP DRAWINGS OF ALL PROPOSED MANHOLE CONFIGURATIONS FOR APPROVAL PRIOR TO SUBMISSION OF MATERIAL ORDERS.
 2. CONNECTION BELLS MAY BE INSTALLED AT MANUFACTURER'S SITE, OR MORTARED IN PLACE IN THE FIELD.
 3. BASES MUST BE PRECAST WITH THE CORRECT NUMBER OF PIPE OPENINGS, CORRESPONDING TO THE REPRESENTATION IN THE PLAN AND PROFILE SHEETS.
 4. PATCHING, BRICKING, OR OTHER MATERIAL METHODS OF CLOSING UNUSED HOLES WILL NOT BE ACCEPTED.
 5. ALL PIPE AND FITTINGS 24 INCHES IN DIAMETER AND LARGER MUST BE CLASS III, IV AND V REINFORCED CONCRETE PIPE AS SPECIFIED IN THE SPECIFICATIONS FOR "REINFORCED CONCRETE CULVERT STORM DRAIN, AND SEWER PIPE," A.S.T.M. DESIGNATION C76, TABLE III, IV AND V, WALL B OR WALL C WITH CIRCULAR OR ELLIPTICAL REINFORCEMENT

BRANCH SIZING CHART

ID PIPE (in.)	MATERIAL	OD PIPE (in.)	D* _{max} (in.)
12	VCP	14.36	18.36
15	VCP	17.8	21.8
18	VCP	21.48	25.48
21	VCP	25.54	31.54
8	DIP	9.05	13.05
10	DIP	11.1	15.1
12	DIP	13.2	17.2
14	DIP	15.3	19.3
16	DIP	17.4	21.4
18	DIP	19.5	23.5
20	DIP	21.6	25.6
24	DIP	25.8	29.8
24	RCP III (Wall B)	30	34
27	RCP III (Wall B)	33.5	37.5
30	RCP III (Wall B)	37	41
33	RCP III (Wall B)	40.5	44.5
36	RCP III (Wall B)	44	48
42	RCP III (Wall B)	51	55
48	RCP III (Wall B)	58	62
Notes:			
1. If the pipe class and wall size is not shown on this table, then D*max =OD pipe + 4"			
2. D*max indicates the maximum size of branch opening to be cast or cut into structure.			

\$FILE\$
\$DATE\$

STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: DESIGNED: CHECKED: REVIEWED: PN	SHEET NO. A.12
DATE	DESCRIPTION					
9/10/21	LAST REVISED	30		TYPE "B" MANHOLE CONFIGURATIONS	OF	
12/6/24	PUBLISHED	60				
		75				
		90				
		100				
		BULLETIN				

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				ADDENDUM NO. 2
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				ADDENDUM NO. 3
PLOT DATE	= 4/30/2025	DATE	- 04/22/2025	ISSUE TO BID - 5/6/2025

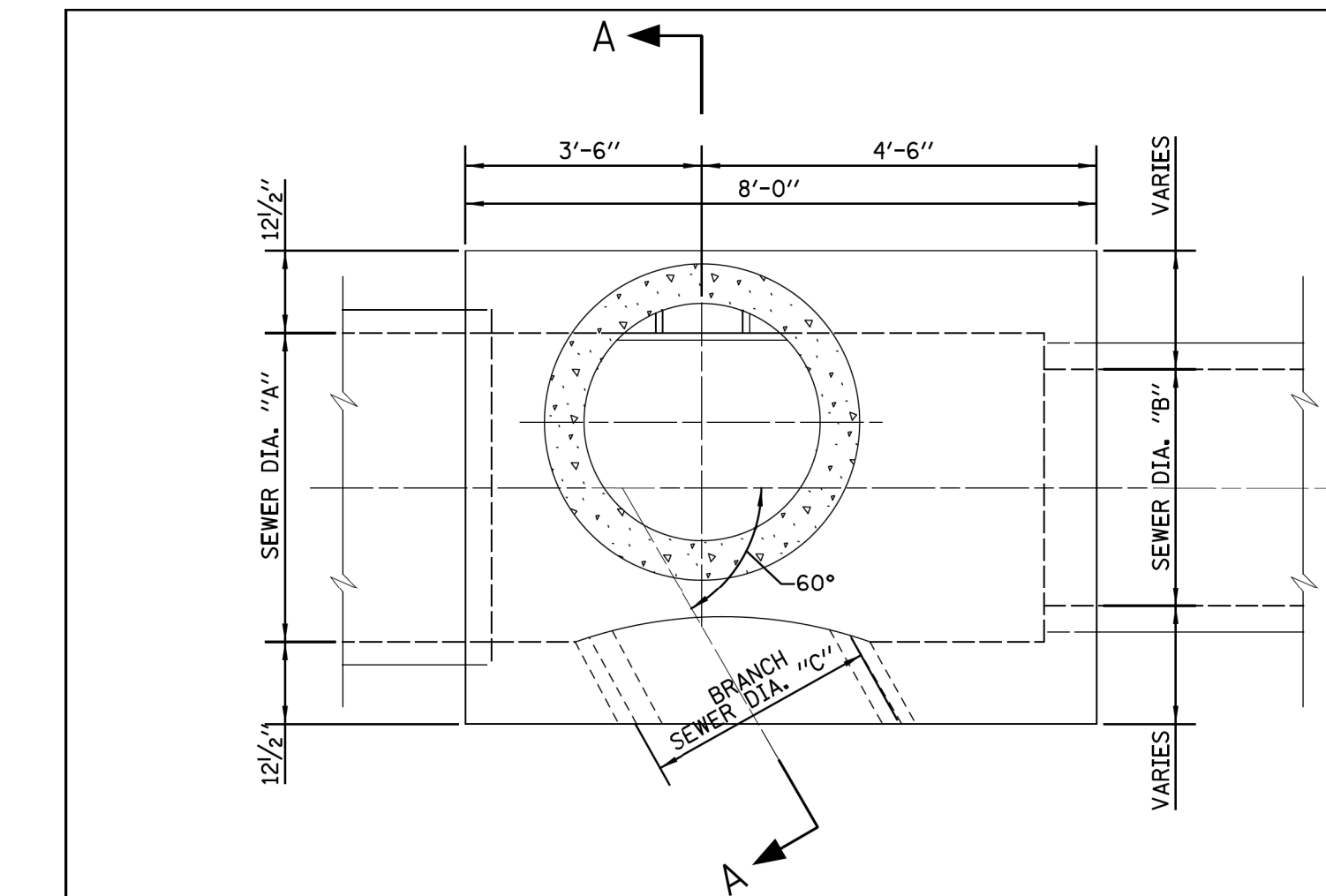
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

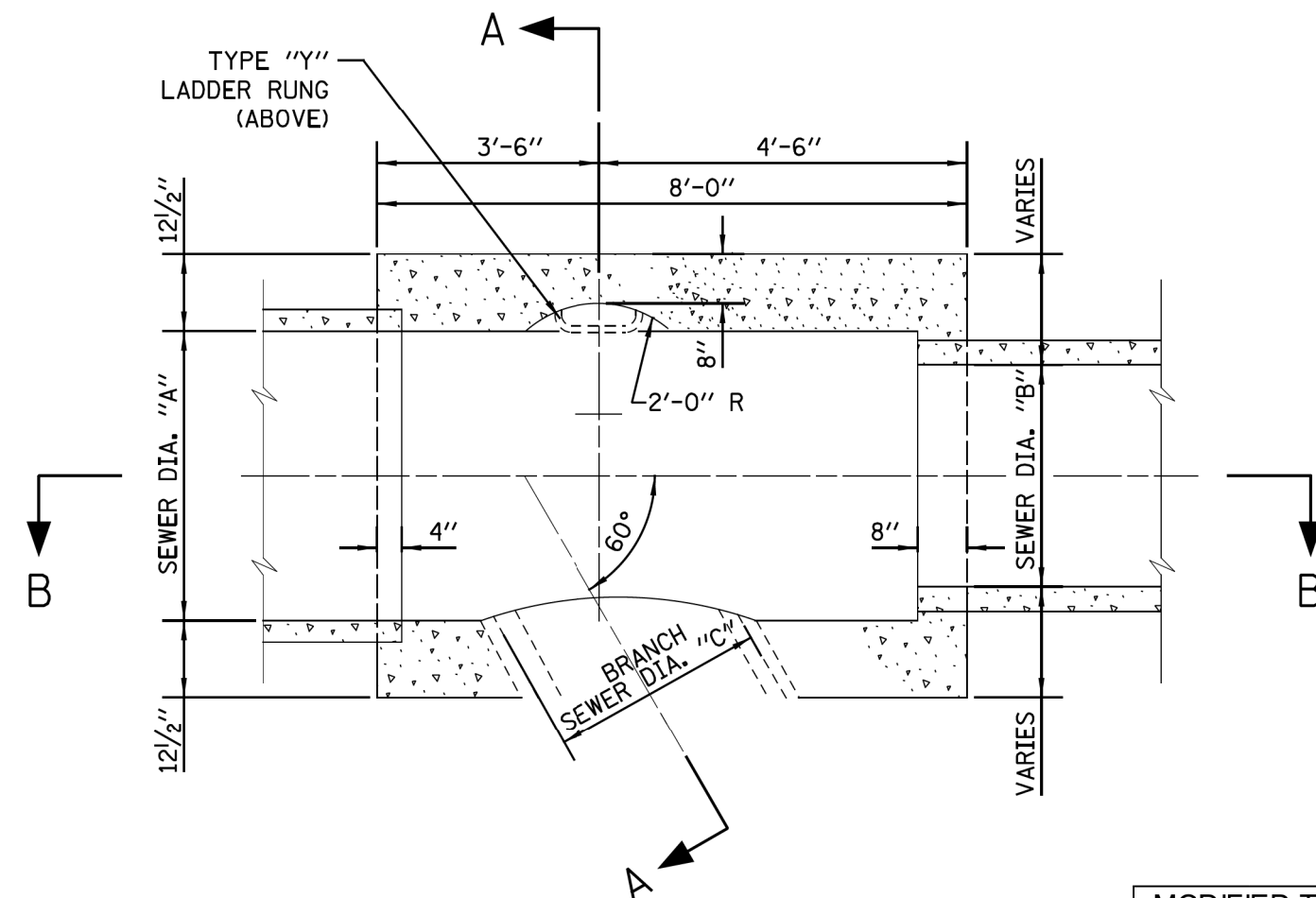
SCALE: SHEET 15 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	34
		ILLINOIS	FED. AID PROJECT	

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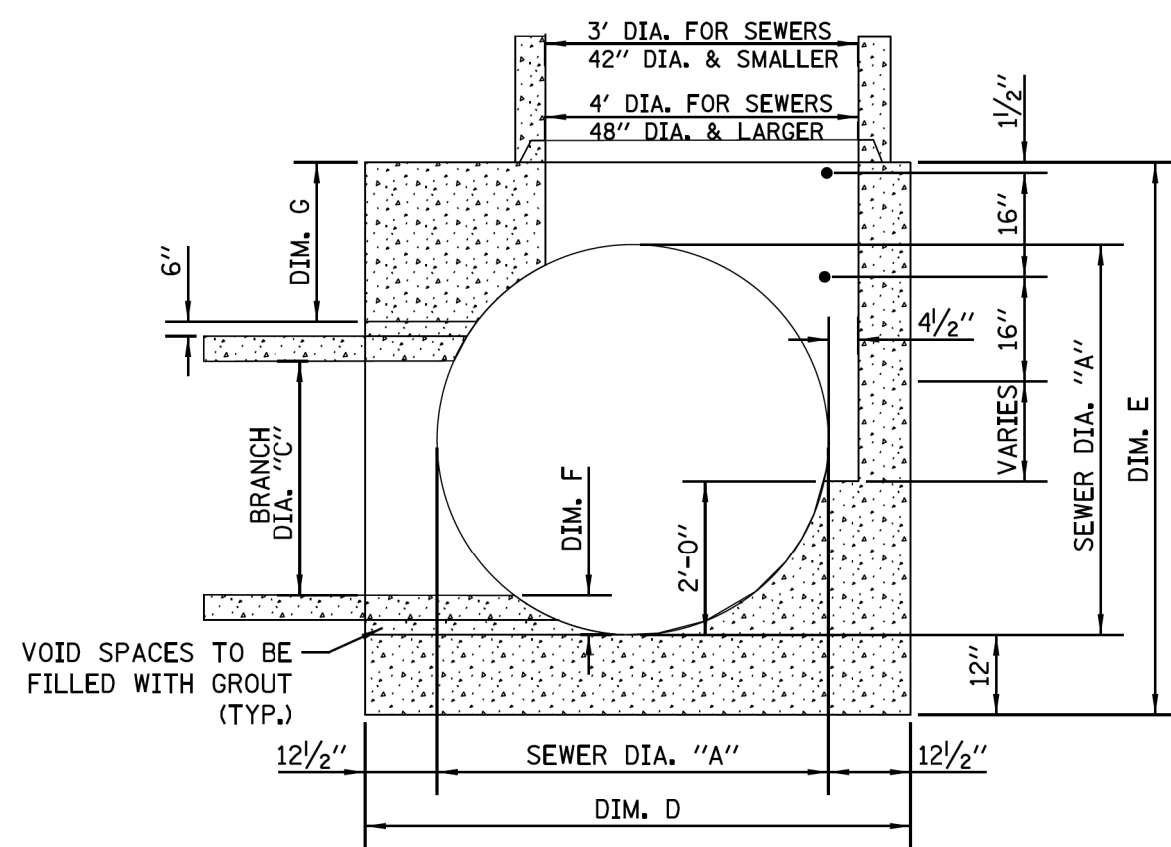
PLAN



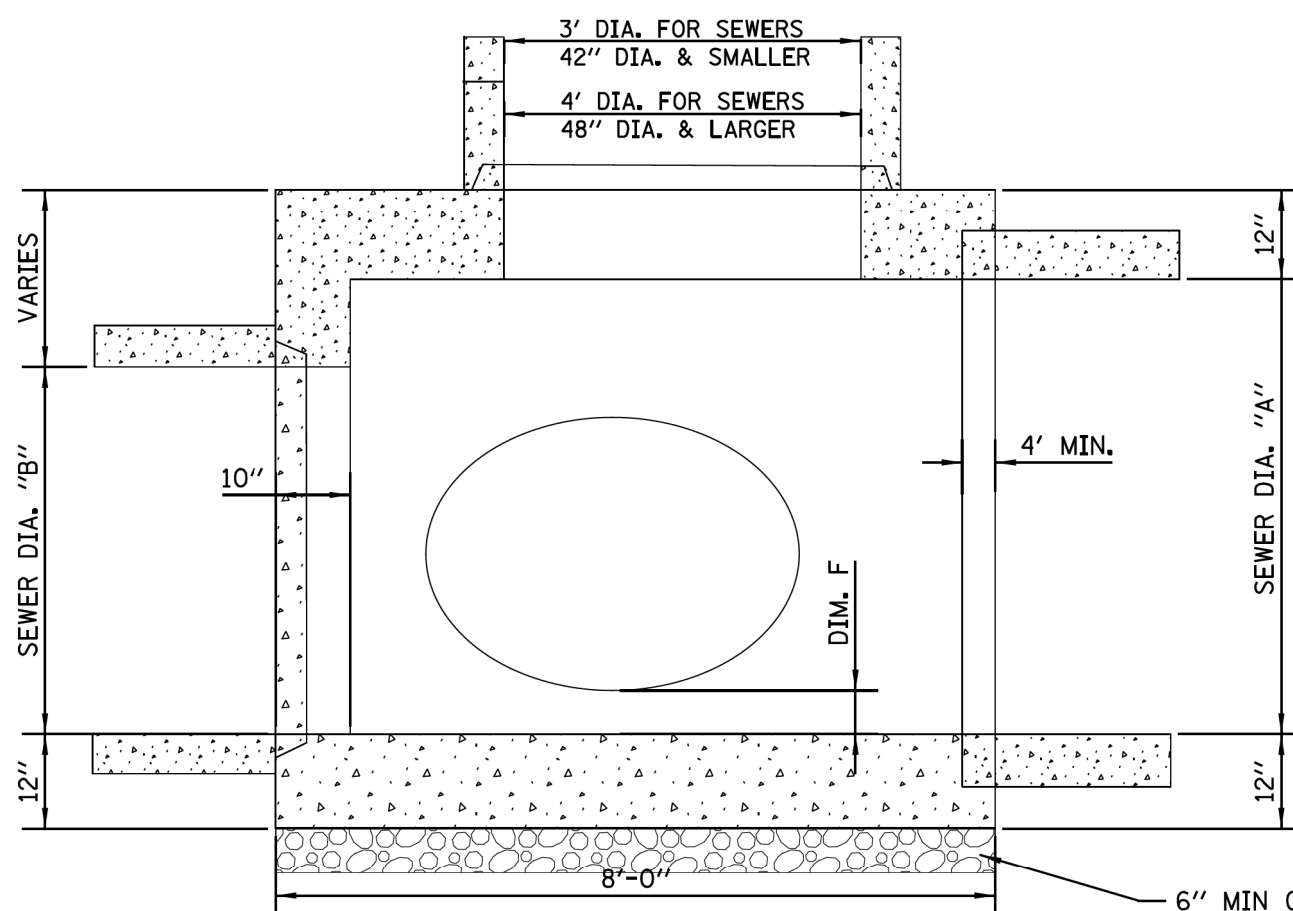
SECTIONAL PLAN

- NOTES:
1. CONTRACTOR MUST SUBMIT SHOP DRAWINGS OF ALL PROPOSED MANHOLE CONFIGURATIONS FOR APPROVAL PRIOR TO SUBMISSION OF MATERIAL ORDERS.
 2. CONNECTION BELLS MAY BE INSTALLED AT MANUFACTURER'S SITE, OR MORTARED IN PLACE IN THE FIELD. SEE SHEET A.11 FOR FURTHER CONFIGURATION DETAILS.
 3. BASES MUST BE PRECAST WITH THE CORRECT NUMBER OF PIPE OPENINGS, CORRESPONDING TO THE REPRESENTATION IN THE PLAN AND PROFILE SHEETS.
 4. PATCHING, BRICKING, OR OTHER MATERIAL METHODS OF CLOSING UNUSED HOLES WILL NOT BE ACCEPTED.
 5. 6" MINIMUM GRANULAR EMBEDMENT UNDER ALL PRECAST MANHOLE BASES
 6. ALL PIPE AND FITTINGS 24 INCHES IN DIAMETER AND LARGER MUST BE CLASS III, IV AND V REINFORCED CONCRETE PIPE AS SPECIFIED IN THE SPECIFICATIONS FOR "REINFORCED CONCRETE CULVERT STORM DRAIN, AND SEWER PIPE," A.S.T.M. DESIGNATION C76, TABLE III, IV AND V, WALL B OR WALL C WITH CIRCULAR OR ELLIPTICAL REINFORCEMENT

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\$DATE\$



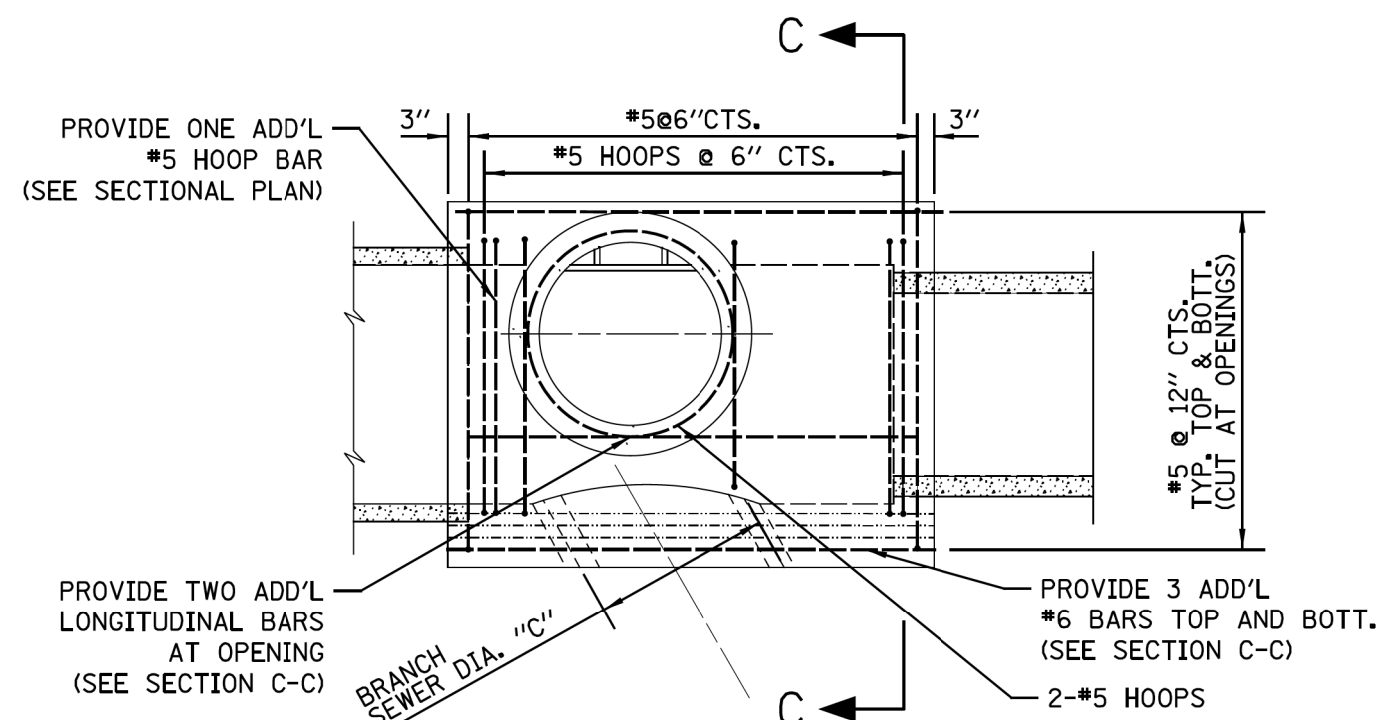
SECTION A-A



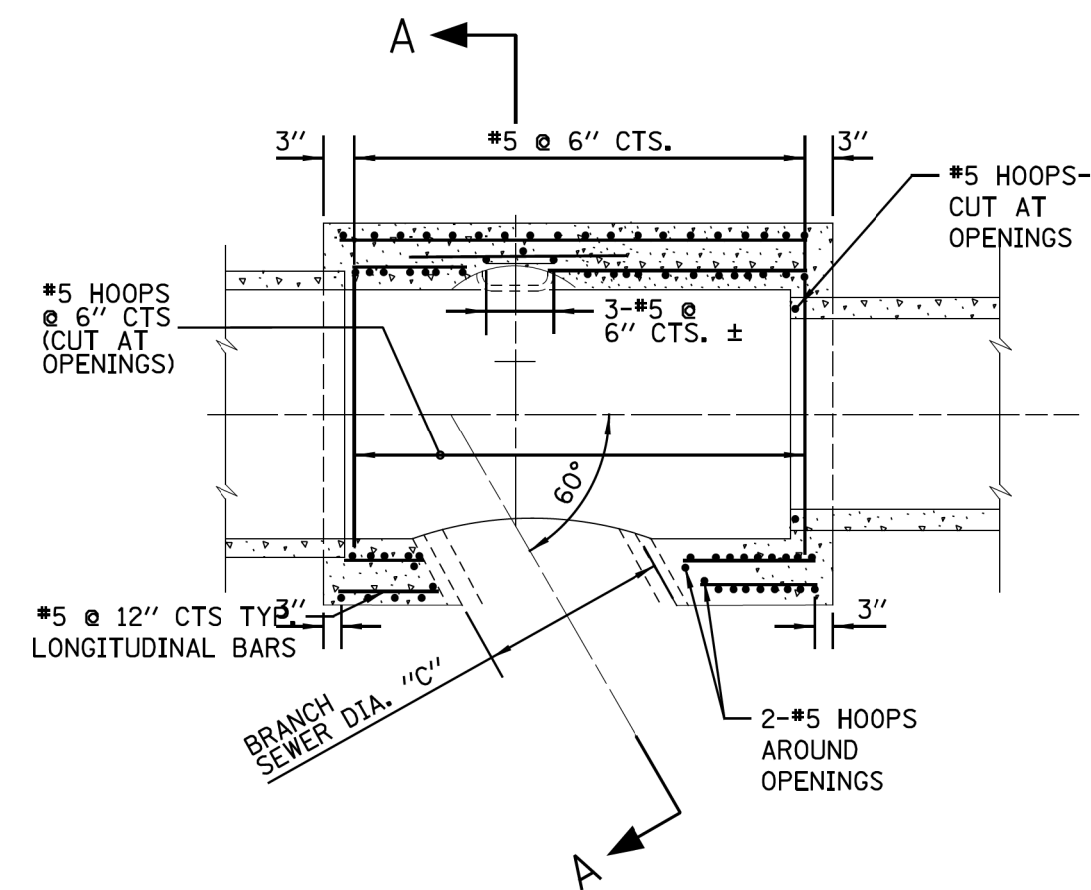
SECTION B-B

MODIFIED TYPE B MANHOLES		FOR 42", 36", & 30" BRANCHES				
SEWER SIZE		BRANCH SIZE	DIMENSION			
A	B	C	D	E	F	G
60	60	42	85	84	6	18
60	60	36	85	84	6	24
60	60	30	85	84	6	30
54	54	42	79	78	6	12
54	54	36	79	78	6	18
54	54	30	79	78	6	24
48	48	42	73	78	6	12
48	48	36	73	72	6	12
48	48	30	73	72	6	18
42	42	36	67	72	6	12
42	42	30	67	66	6	12
36	36	36	58	66	6	12
36	36	30	58	66	6	12
30	30	30	55	66	6	12

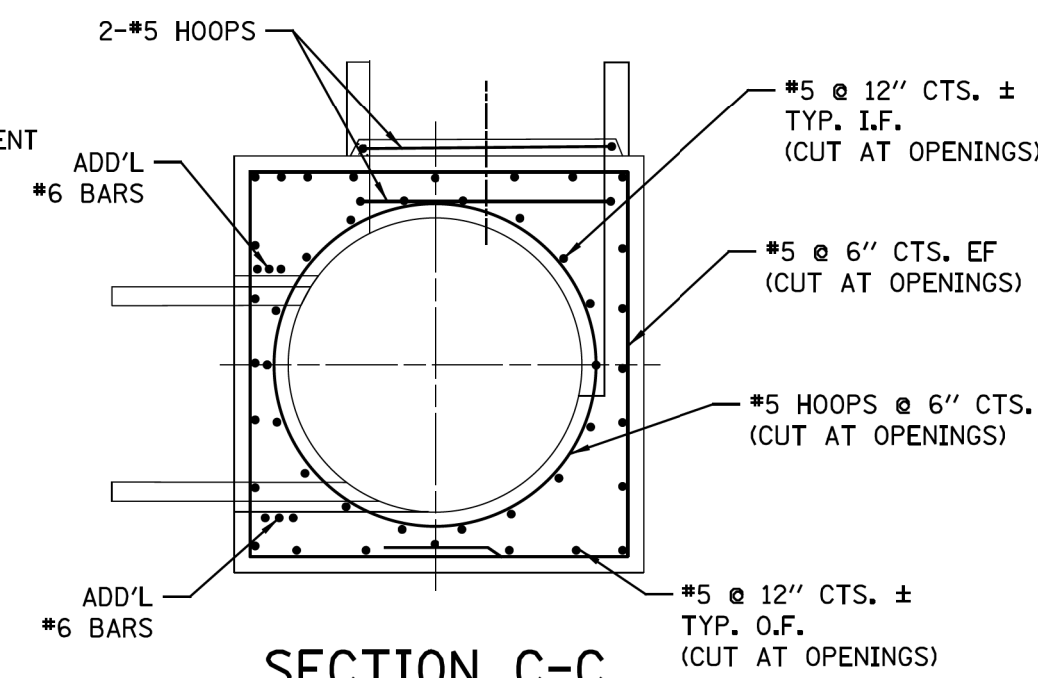
ALL MEASUREMENTS ARE IN INCHES
NOTE: WHEN B IS SMALLER THAN A, GAP SHALL BE FILLED WITH CONCRETE DURING CASTING.
SIMILAR REBAR DESIGN SHALL BE USE.



PLAN



SECTIONAL PLAN



SECTION C-C

STANDARD REVISIONS	
DATE	DESCRIPTION
3/7/19	LAST REVISED
12/6/24	PUBLISHED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT	
BUREAU OF ENGINEERING SERVICES	
DESIGNER	CHECKER
REVIEWER	DATE
MODIFIED TYPE "B" MANHOLE	
PN	

DRAWN	SEEN	DATE
DESIGNER	CHECKER	DATE
REVIEWER	DATE	
A.13		OF
PN		

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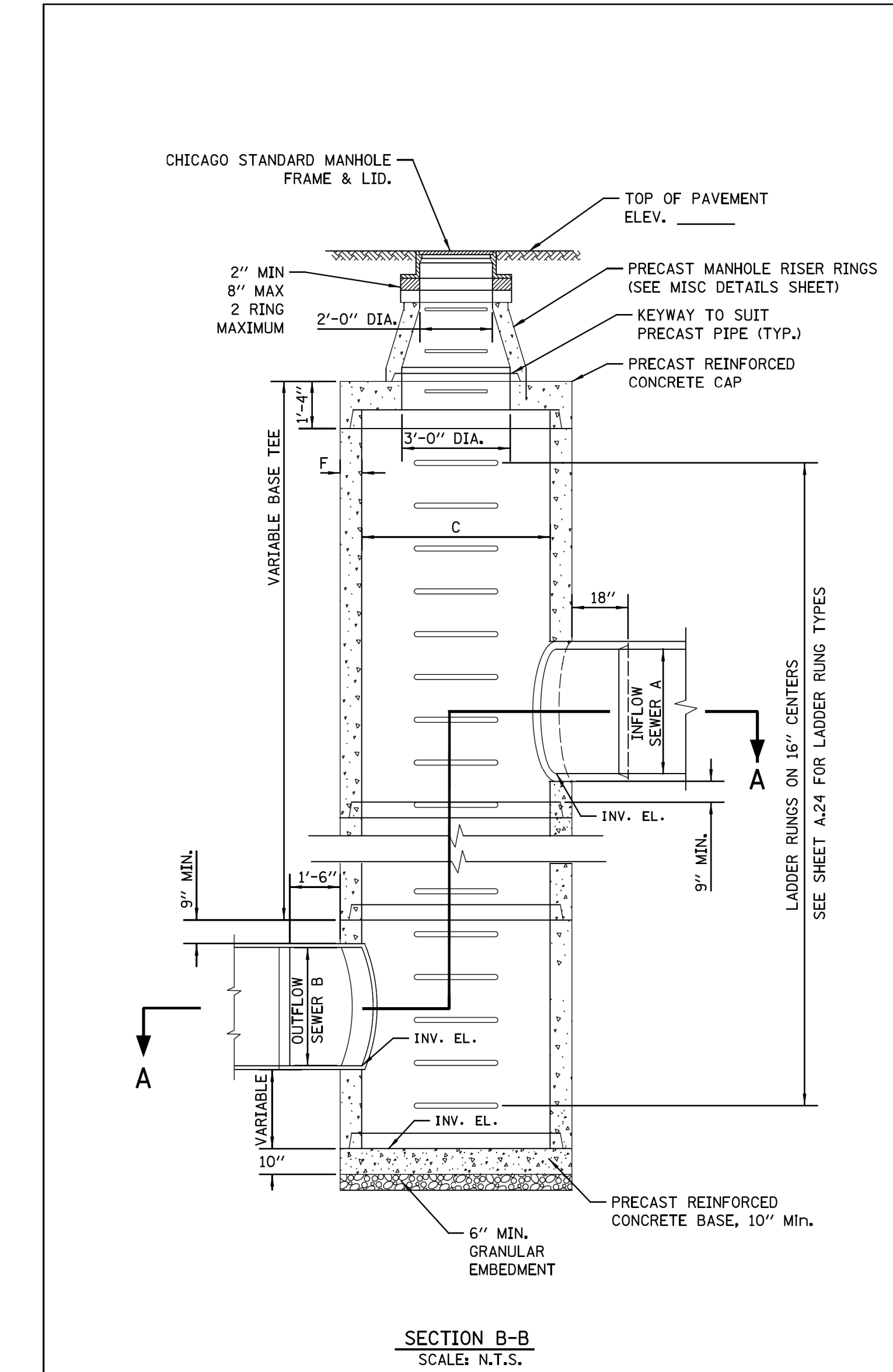
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 16 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	35
ILLINOIS FED. AID PROJECT				

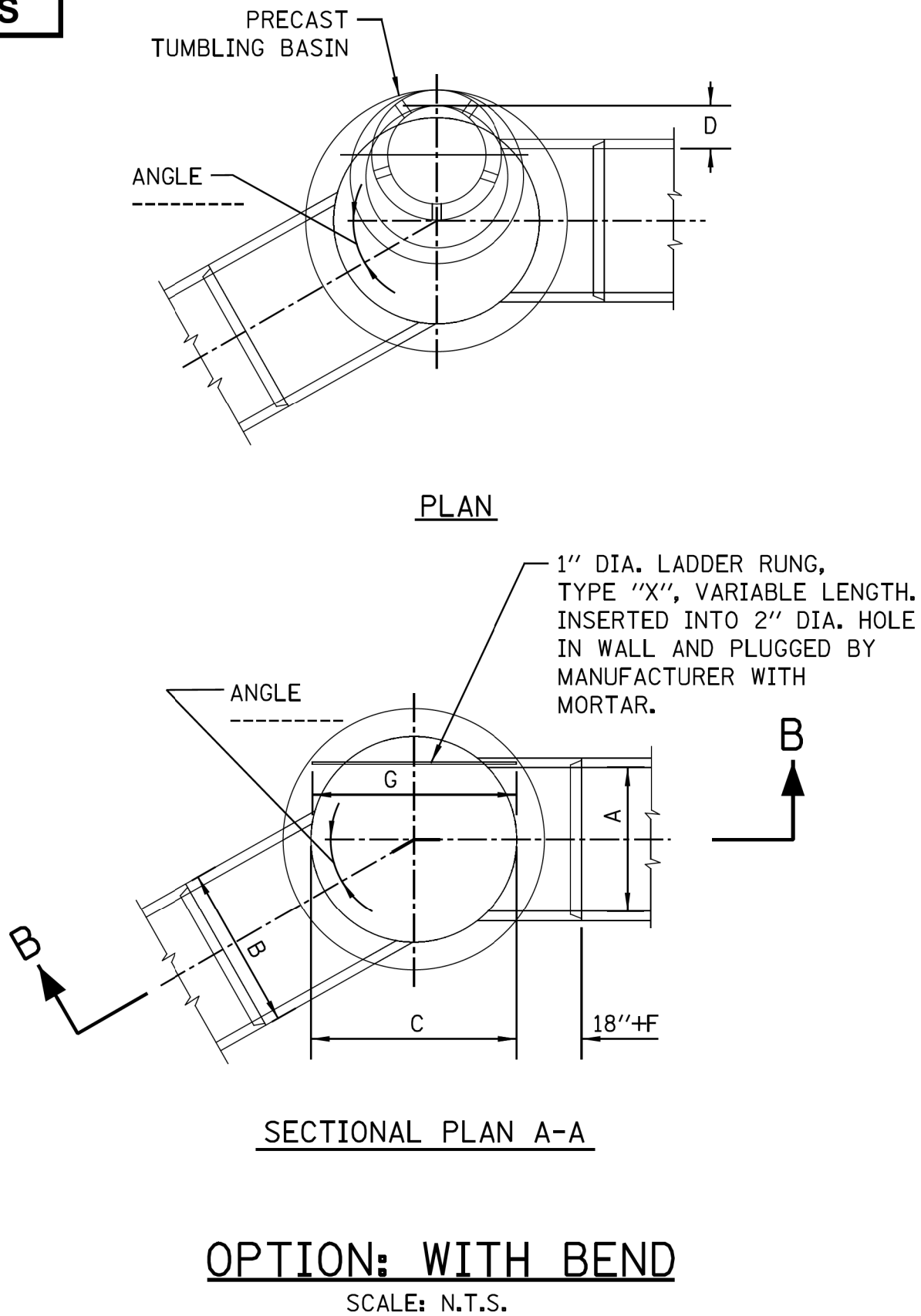
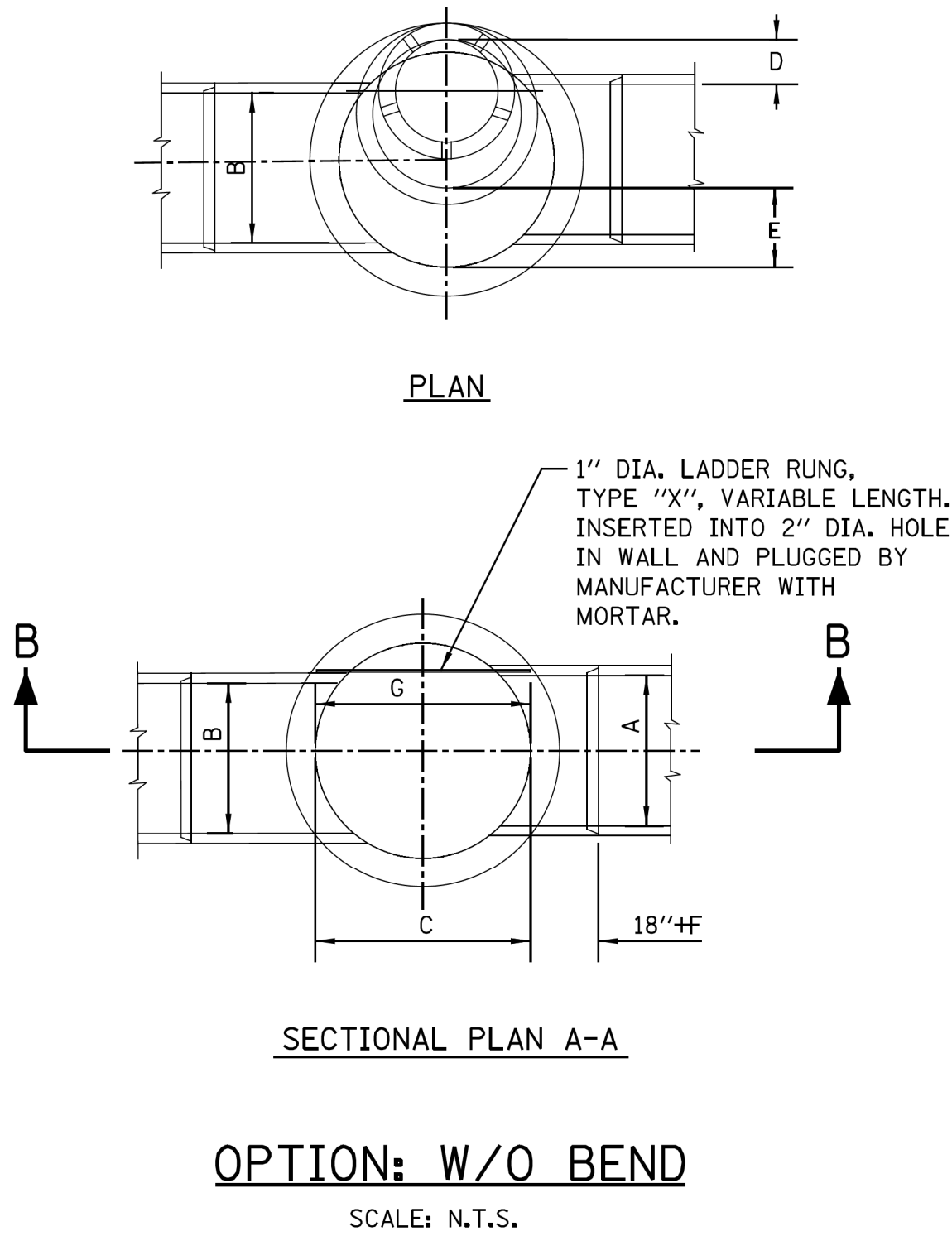
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PRECAST BASE TEE				WALL THICKNESS	CAP & BASE		LADDER RUNG LENGTH
A	B	C*	D	F	C	E	G
60	60	84	12	8	84	48	48.5
54	54	84	12	7 1/2	78	42	46.5
48	48	72	12	7	72	36	44
42	42	60	9	6	60	24	40
36	36	60	12	6	60	24	40
30	30	48	9	5	48	12	35
24	24	48	12	5	48	12	35

NOTE: ALL MEASUREMENTS ARE IN INCHES

*DIAMETERS >84" UP TO 144" ARE AVAILABLE IN 1' INCREMENTS



NOTES:

- FOR CONTRACTOR'S RESPONSIBILITY REGARDING STRUCTURAL DRAWING, SEE SPECIFICATIONS, BOOK 3.
- ALL PIPE AND FITTINGS 24 INCHES IN DIAMETER AND LARGER MUST BE CLASS III, IV AND V REINFORCED CONCRETE PIPE AS SPECIFIED IN THE SPECIFICATIONS FOR "REINFORCED CONCRETE CULVERT STORM DRAIN, AND SEWER PIPE," A.S.T.M. DESIGNATION C76, TABLE III, IV AND V, WALL B OR WALL C WITH CIRCULAR OR ELLIPTICAL REINFORCEMENT;
- FOR ADDITIONAL INFORMATION, SEE SPECIFICATIONS, BOOK 3.

STANDARD REVISIONS	
DATE	DESCRIPTION
6/29/20	LAST REVISED
12/6/24	PUBLISHED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT	
BUREAU OF ENGINEERING SERVICES	
PRECAST TUMBLING BASIN DETAILS	

DRAWN	SEM	A.19
DESIGNED	CHECKED	
REVIEWED		

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DRAWN	-	CHECKED	-
PLOT SCALE	= 10.0000 ' / in.	DATE	- 04/22/2025
PLOT DATE	= 4/30/2025		

ADDENDUM NO. 1	
REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 17 OF 27 SHEETS STA. TO STA.

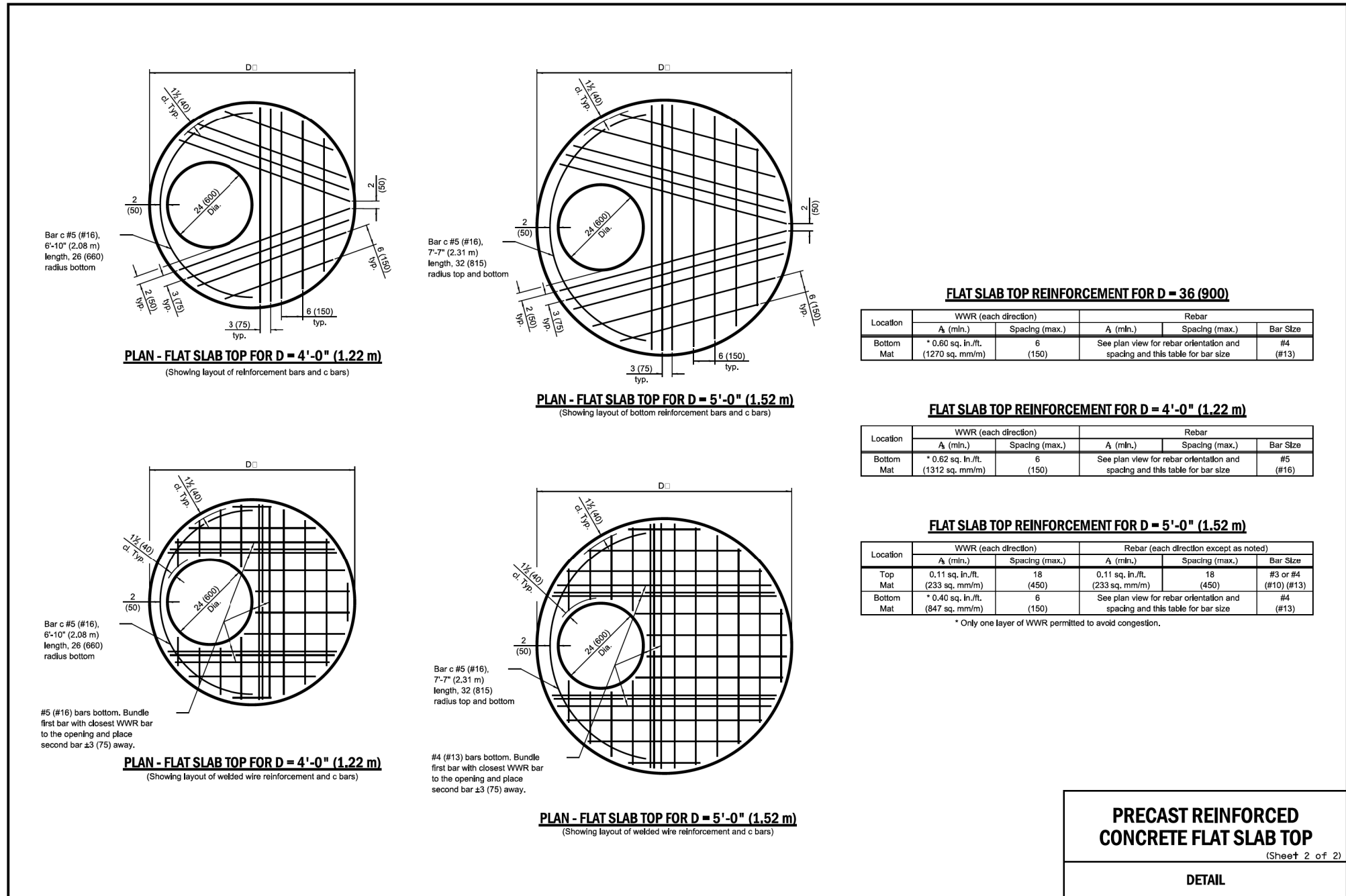
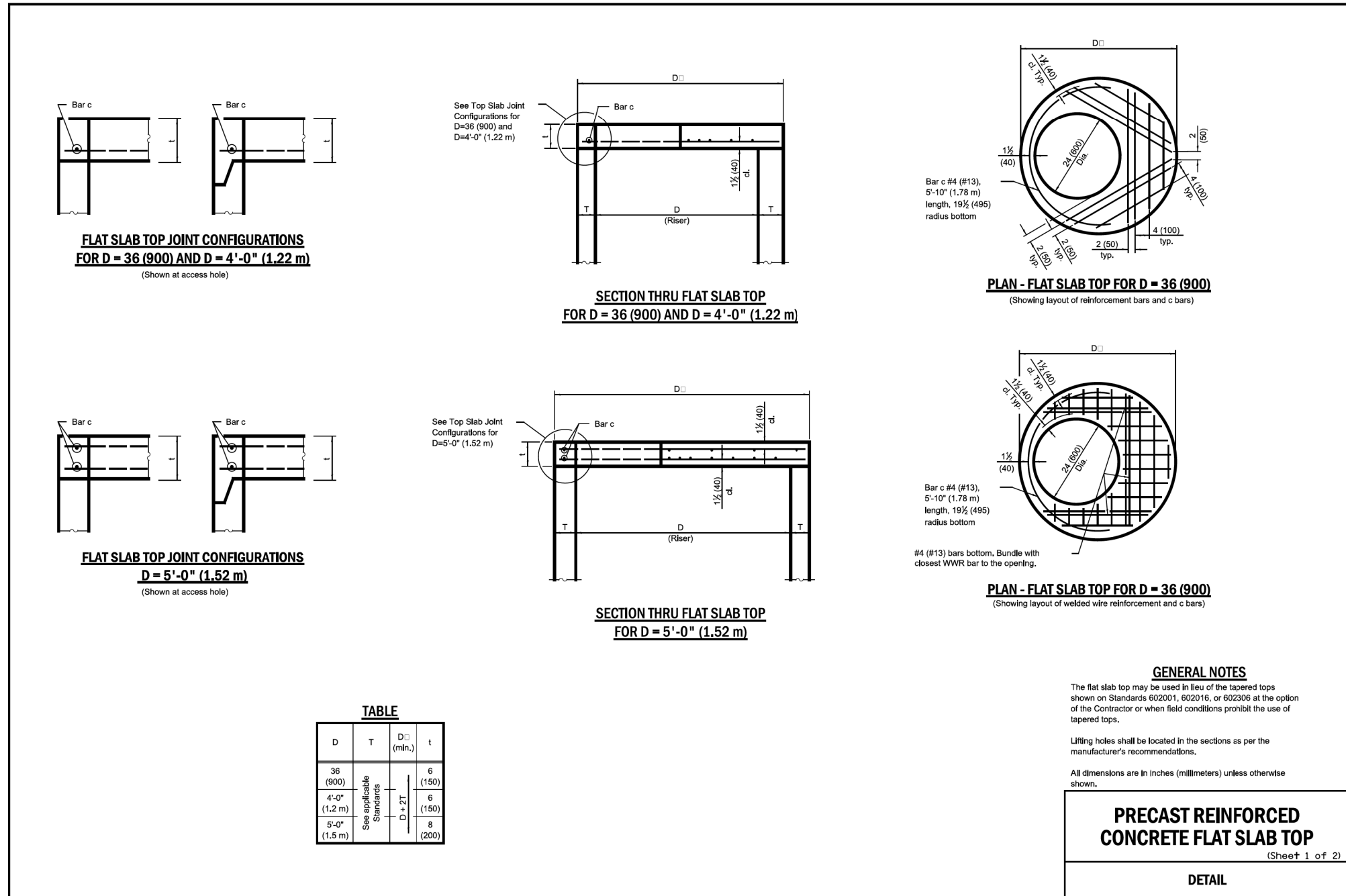
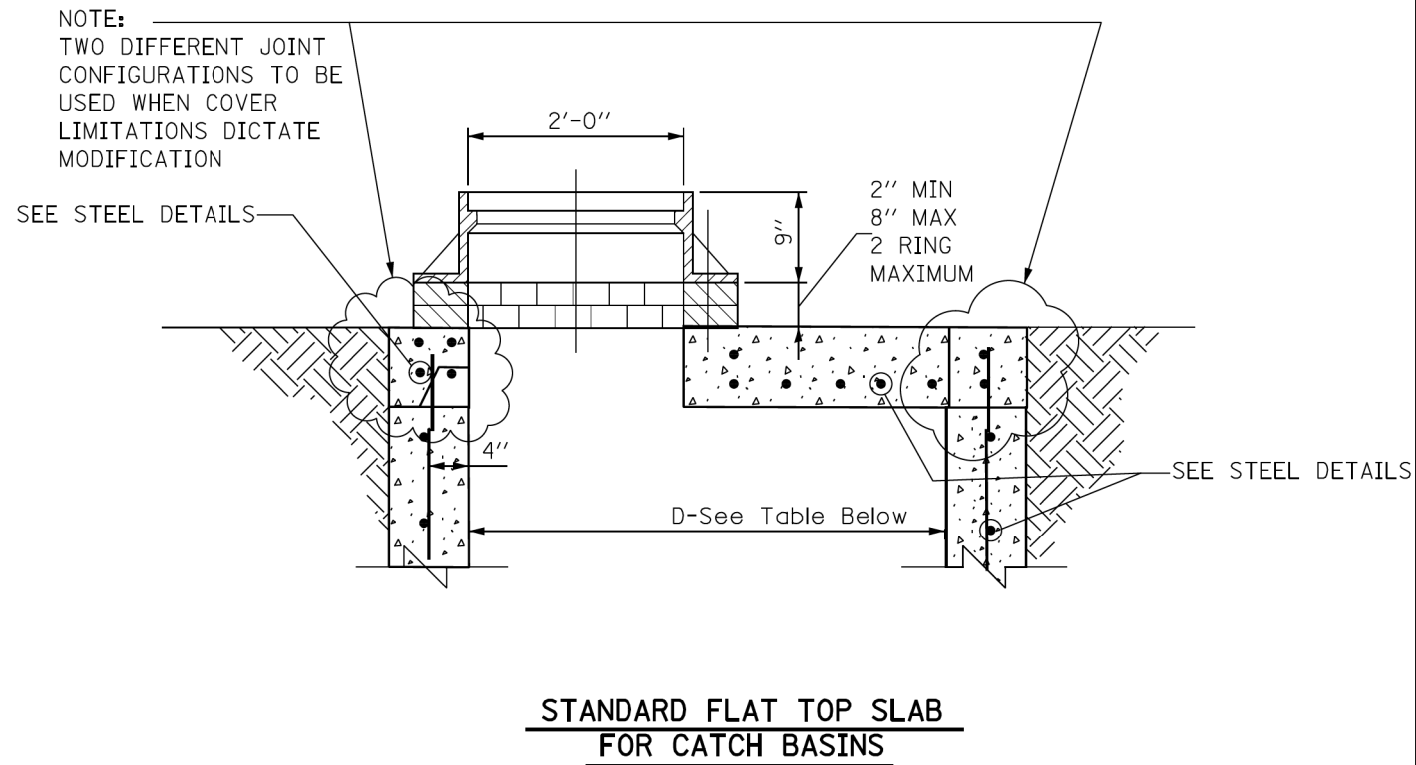
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	36
		ILLINOIS	FED. AID PROJECT	

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\$FILE\$
\$DATE\$

CDWM_Details.dwg 12/6/2024 9:00:53 AM

NOTES:
FLAT TOP SLAB APPLICATION CAN ONLY BE USED WITH
WRITTEN PERMISSION FROM CDWM.
USE LATEST IDOT DETAIL, #602601-06,
AS REFERENCED ON THE IDOT WEBSITE.



STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN DESIGNED CHECKED	A.20
DATE	DESCRIPTION					
4/22/21	LAST REVISED	30		FLAT TOP SLAB DETAILS	OF	PN
12/6/24	PUBLISHED	60				
		75				
		90				
		100				
		BULLETIN				



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DRAWN	-	DRAWN	-	REVISED
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		ISSUE TO BID	- 5/6/2025	ADDENDUM NO. 3

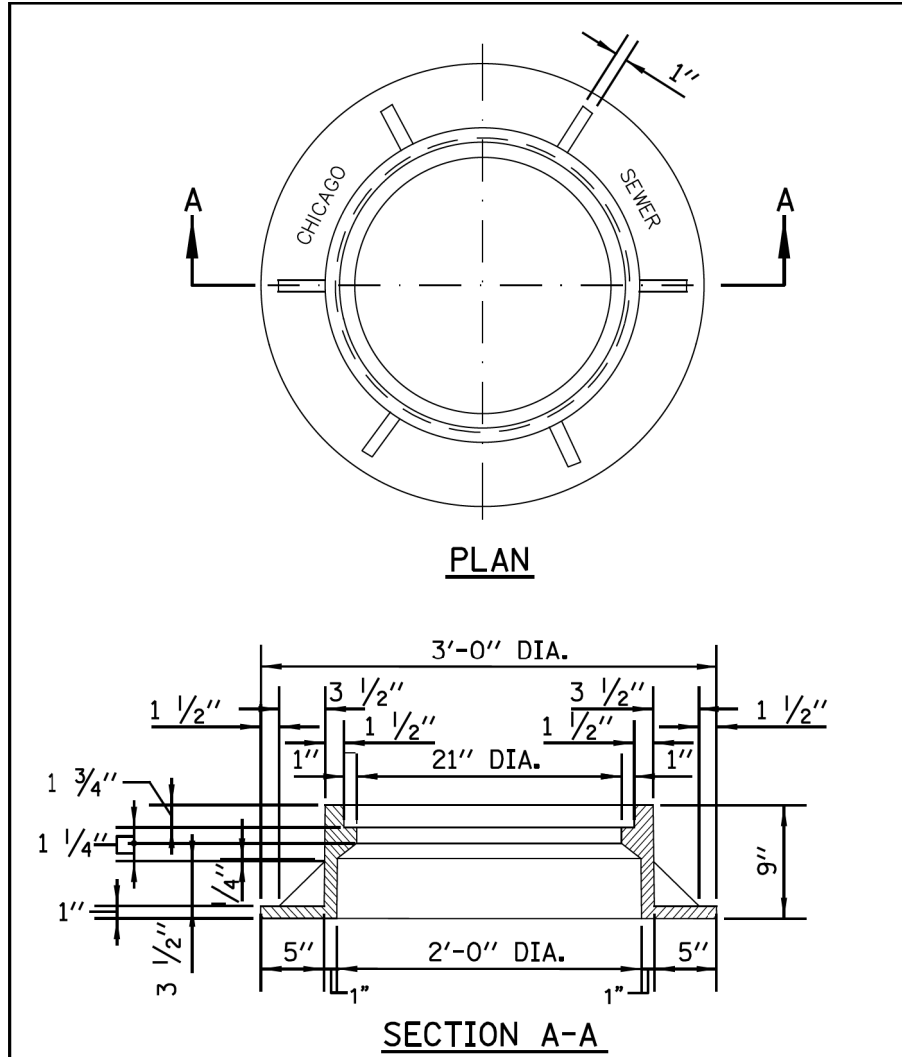
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

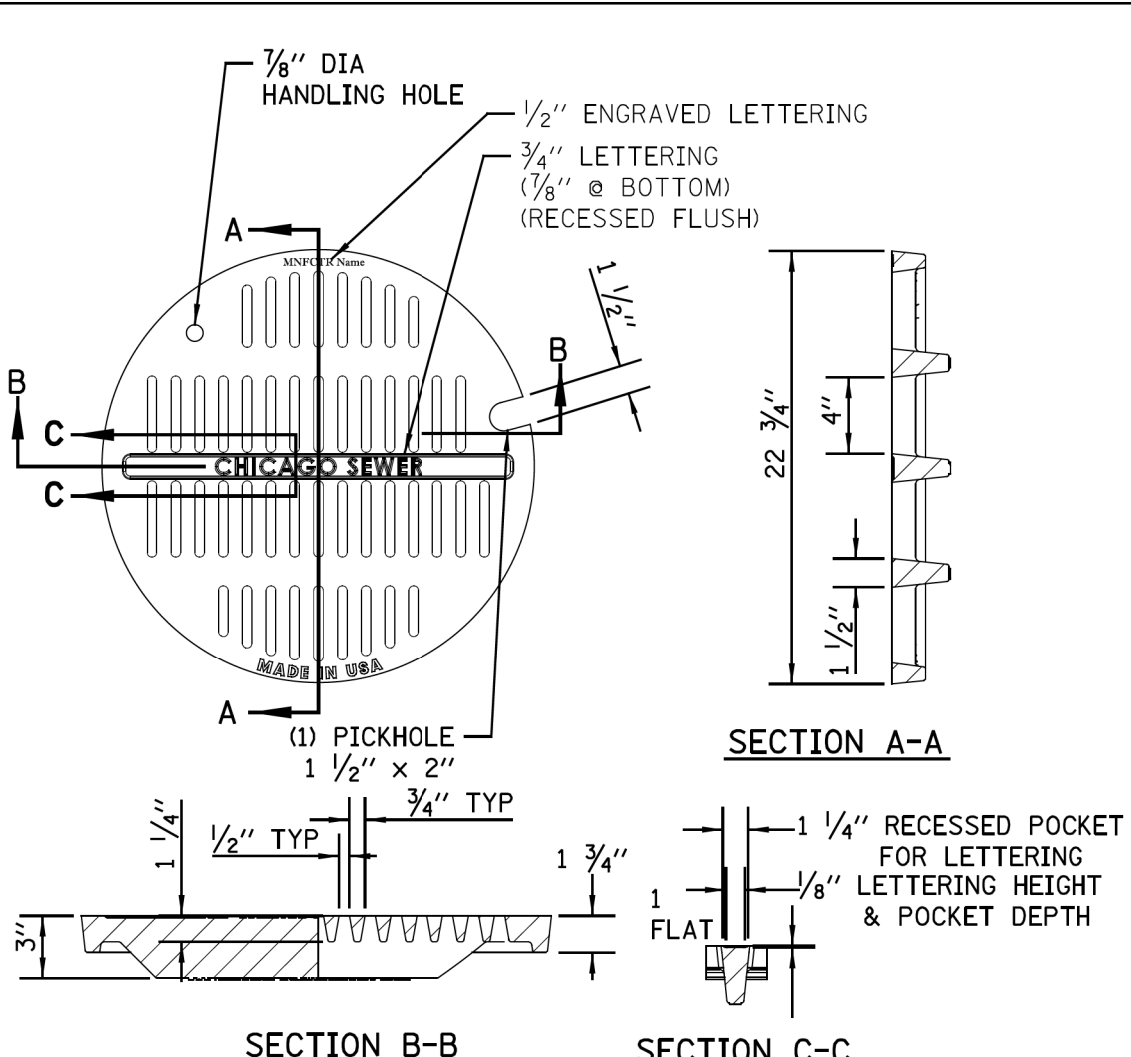
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	37
		ILLINOIS	FED. AID PROJECT	

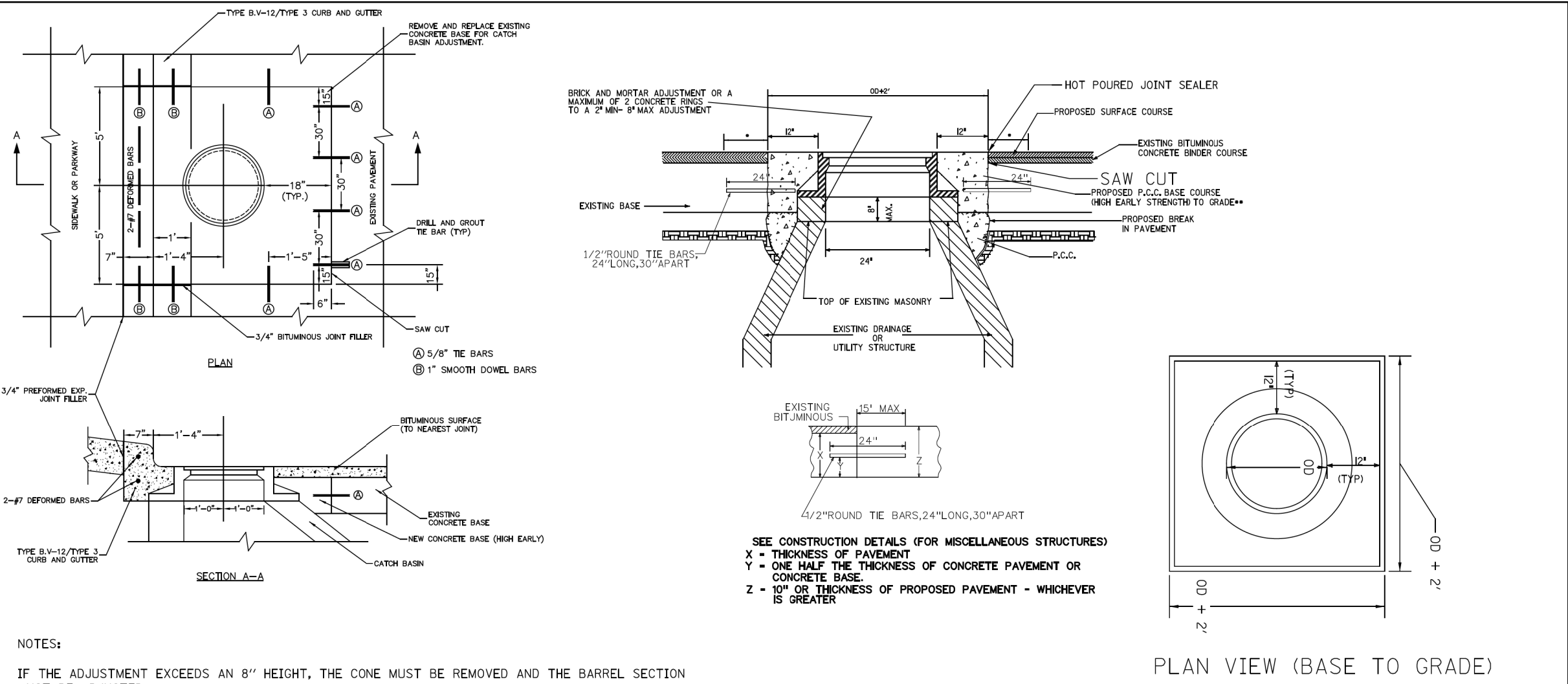
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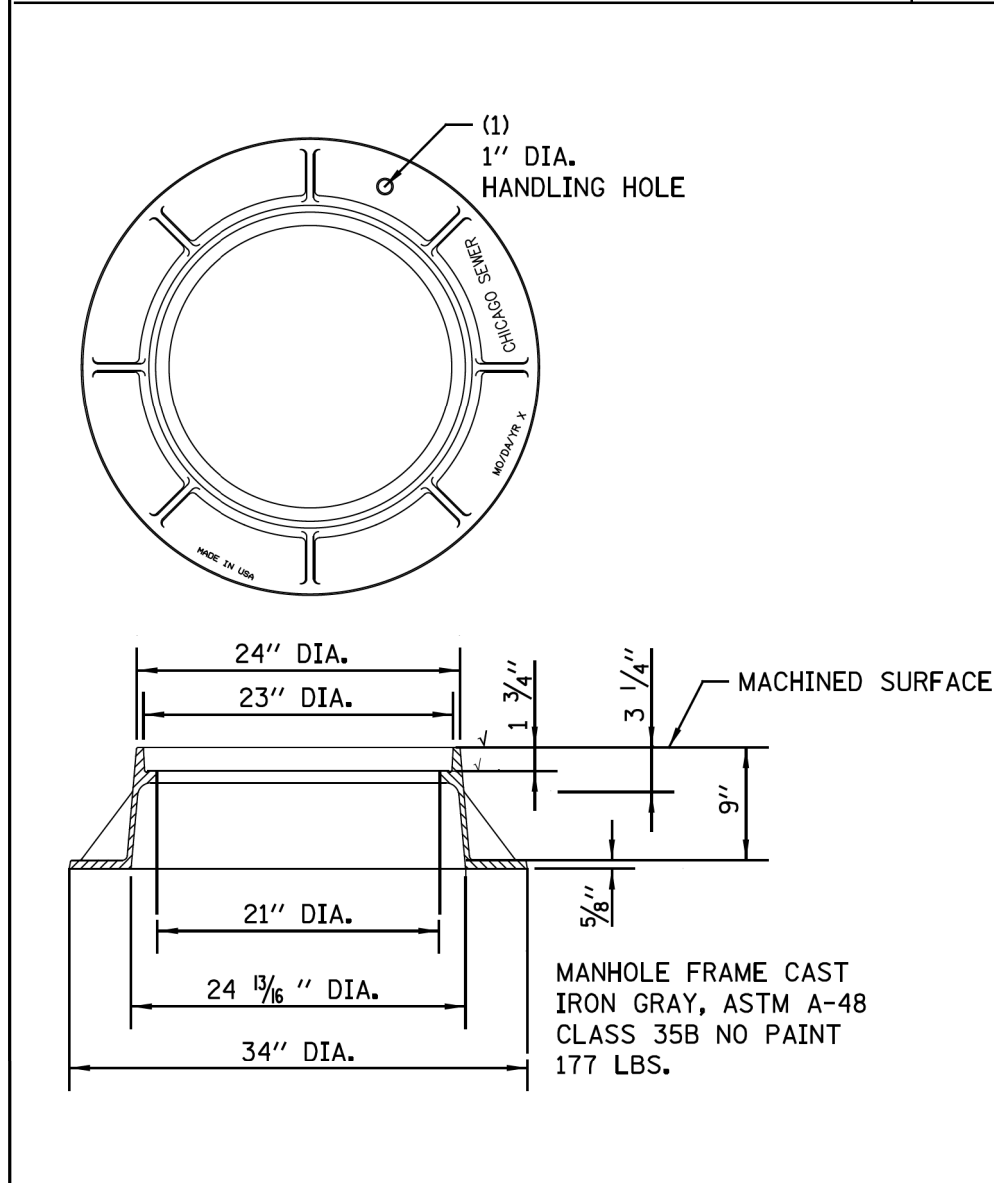
HEAVYWEIGHT MANHOLE FRAME
MATERIAL: CAST IRON



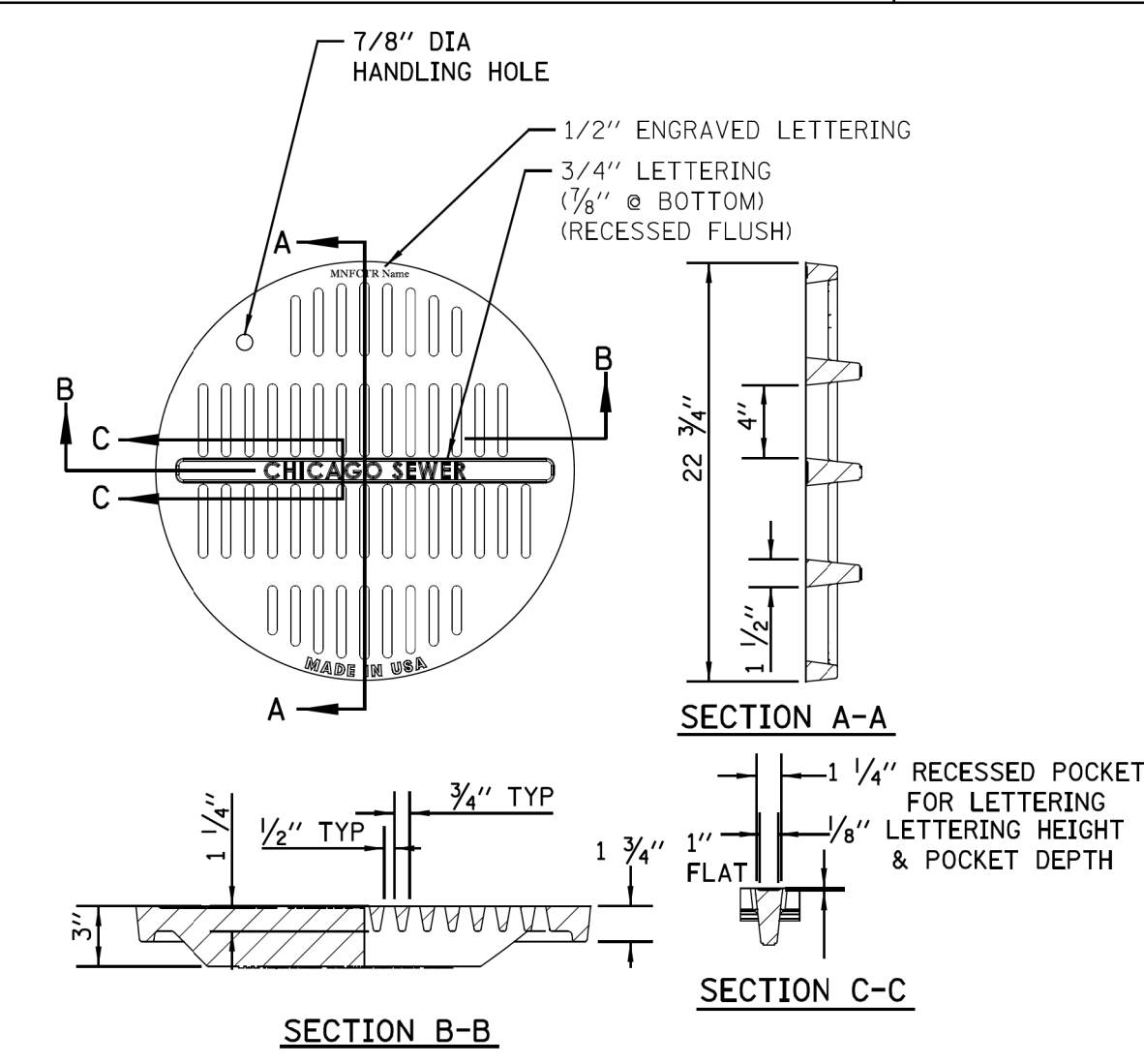
STANDARD CB/MH LID



DETAIL OF CATCH BASIN FRAME ADJUSTMENT

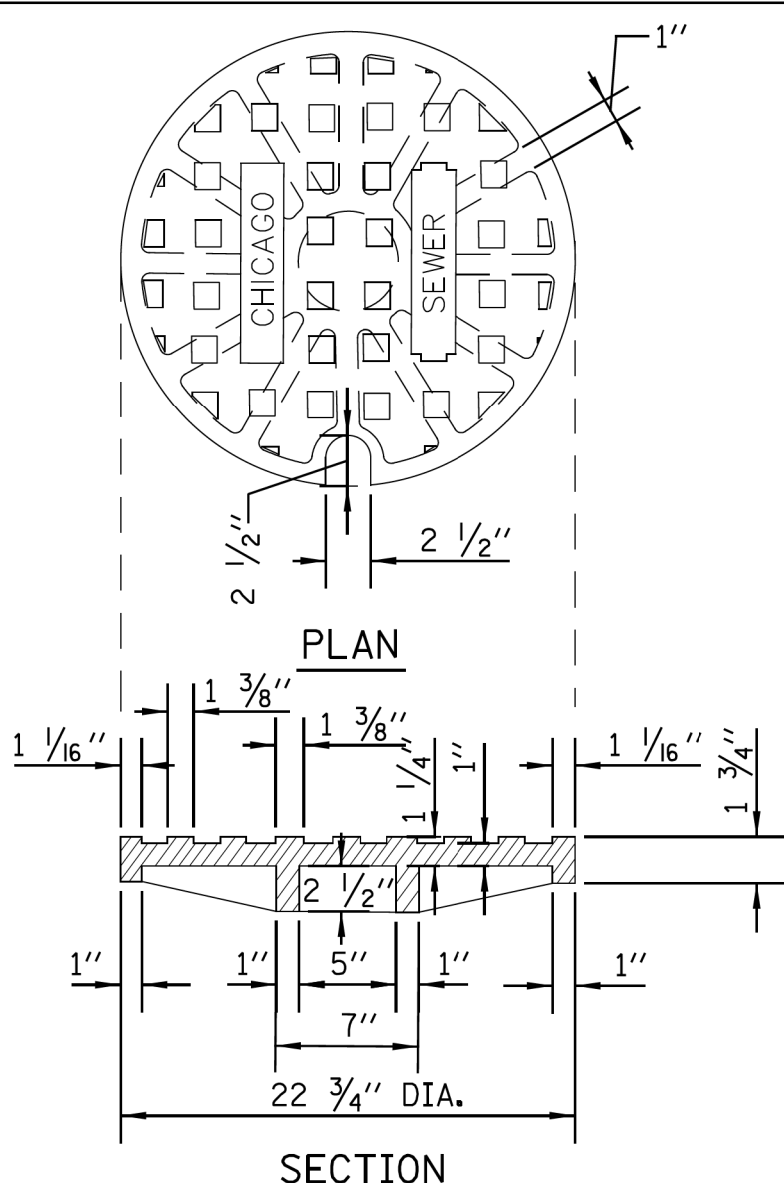


LIGHTWEIGHT MANHOLE FRAME



ADA COMPLIANT CATCH BASIN/MANHOLE LID

SOLID LID FOR MANHOLES



STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN DESIGNED CHECKED REVIEWED	A.21
DATE	DESCRIPTION					
10/31/22	LAST REVISED	30		CATCH BASIN/MANHOLE LIDS AND FRAMES	OF	PN
12/6/24	PUBLISHED	60				
		75				
		90				
		100				
		BULLETIN				

CDWM_Details.dgn 12/8/2024 9:31:15 AM



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PLOT DATE	= 4/30/2025		

ADDENDUM NO. 1	REVISED	-
ADDENDUM NO. 2	REVISED	-
ADDENDUM NO. 3	REVISED	-
ISSUE TO BID	-	5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 19 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	38
		ILLINOIS	FED. AID PROJECT	

STANDARD DRAINAGE STRUCTURES FOR PUBLIC STREETS

STANDARD CATCH BASIN-4' DIA.

STANDARD CATCH BASIN-3' DIA.

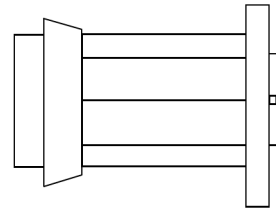
1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
2. IF $B < 4$ FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
3. FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
4. FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
5. FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
6. INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
7. 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 REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES DRAINAGE STRUCTURE DETAILS	DRAWING DESIGNED: _____	SIZE: _____
DATE	DESCRIPTION				CHECKED BY: _____	A.22
10/31/24	LAST REVISED	30	_____		REVIEWED BY: _____	_____ OF _____
12/6/24	PUBLISHED	60	_____			PN _____
_____	_____	75	_____			
_____	_____	90	_____			
_____	_____	100	_____			
_____	_____	REVISION	_____			

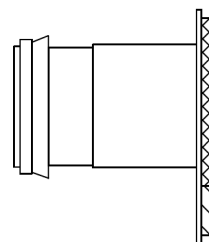
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DRAINAGE STRUCTURES
RESTRICTORS



ORIFICE RESTRICTOR

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.



VORTEX RESTRICTOR

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

INSERT THE RESTRICTOR WITH THE OPENING DOWN. UPON TIGHTENING OF THE 2 BOLTS ON THE FACE OF THE RESTRICTOR, THE RUBBER O-RINGS WILL PROVIDE A WATER- TIGHT SEAL.

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 DUCTILE IRON PIPE HALF TRAP AND FLAT TOP SLAB CATCH BASIN AS NECESSARY.
- INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM FIELD INSPECTOR.

RESTRICTOR NOTES:

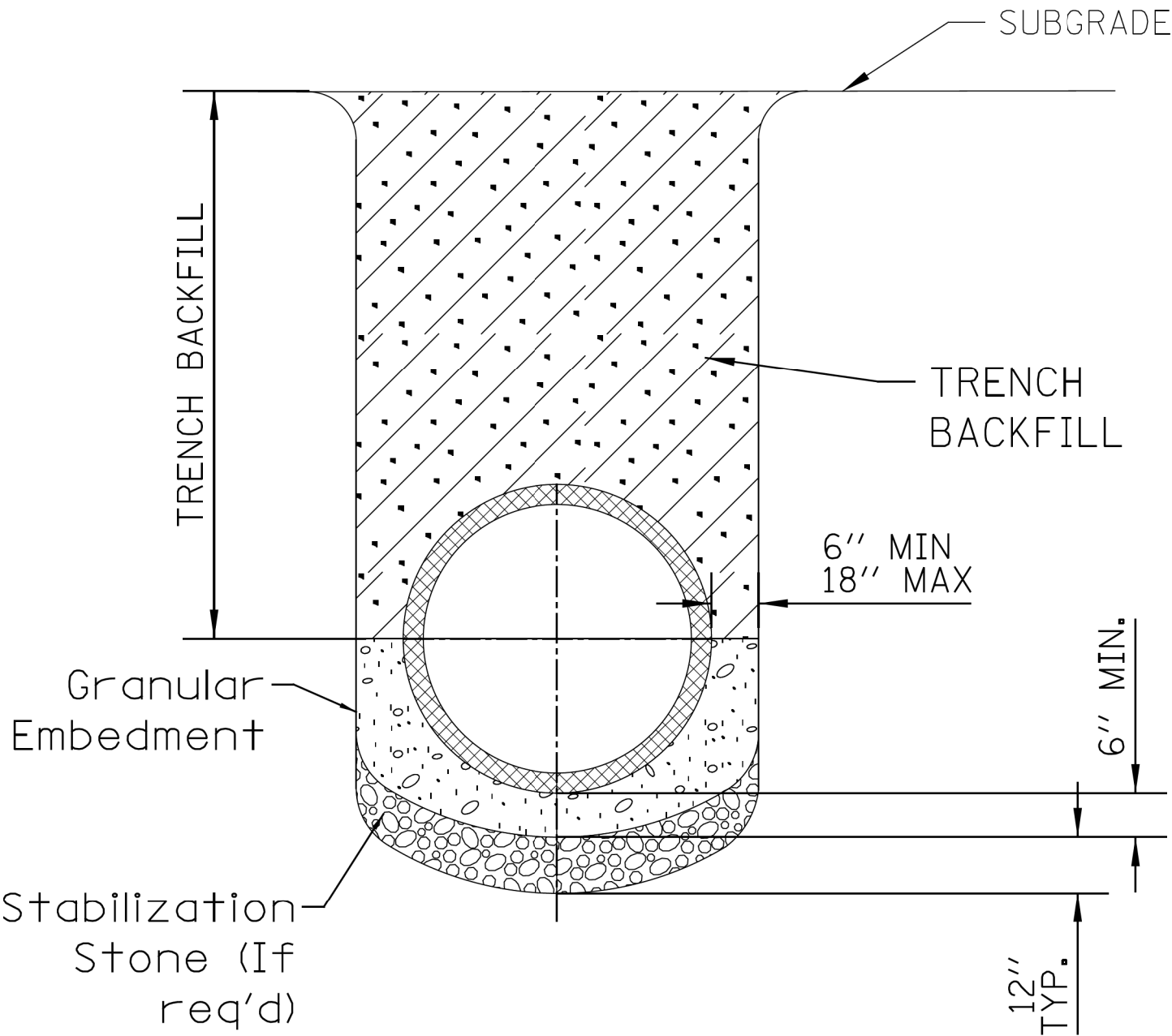
THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

THE DESIGN OF ANY ROADWAY IMPROVEMENT MUST CONSIDER LIMITING THE NUMBER OF CATCH BASINS TO THE EXTENT PRACTICAL. THE NUMBER OF EXISTING STRUCTURES SHOULD NOT BE INCREASED.

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.

FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS OUTSIDE OF THE CENTRAL BUSINESS DISTRICT(LIMITS: NORTH AVE, CERMAK AVE, HALSTED AVE, LAKE MICHIGAN). RESTRICTORS MUST NOT BE INSTALLED IN CATCH BASINS IN CLOSE PROXIMITY TO VIADUCT AREAS, BUS STOPS, OR EMERGENCY ENTRANCES. THE DWM MUST APPROVE THE NON-INSTALLATION OR REMOVAL OF ANY RESTRICTOR. REQUIREMENTS FOR RESTRICTOR INSTALLATION ARE AS FOLLOWS:

- 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.

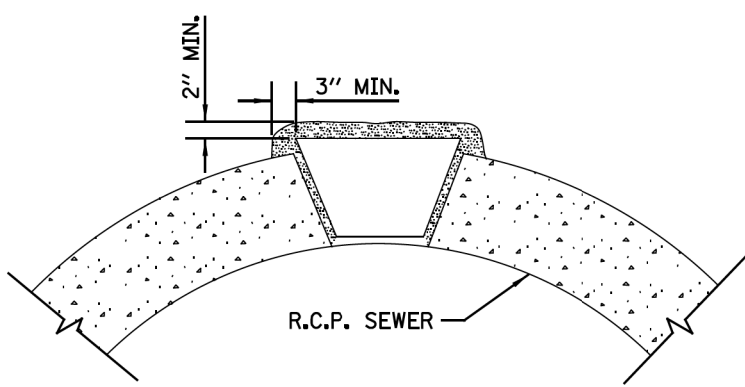


NOTE:

- 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.
- AGGREGATE PLACED FOR TEMPORARY SURFACE RESTORATION WILL NOT BE PAID SEPARATELY AND SHALL BE INCIDENTAL TO THE CONTRACT.

SEWER TRENCH DETAIL

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



LIFTING HOLE PLUG DETAIL
FOR CONCRETE PIPE

NOTE:

- ALL PLUG MATERIALS MUST COMPLY WITH 1042.16 OF THE IDOT SSRBC.
- 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.

\$FILE\$
\$DATE\$

CDWM_Details.cad 12/8/2024 11:00:43 AM

STANDARD REVISIONS	
DATE	DESCRIPTION
2/5/21	LAST REVISED
12/6/24	PUBLISHED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT	
BUREAU OF ENGINEERING SERVICES	
MISCELLANEOUS DETAILS	

DRAWN	SSM
DESIGNED	
CHECKED	
REVIEWED	
	OF
PN	

A.26



USER NAME	= all	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	-
PLOT DATE	= 4/30/2025	DATE	- 04/22/2025

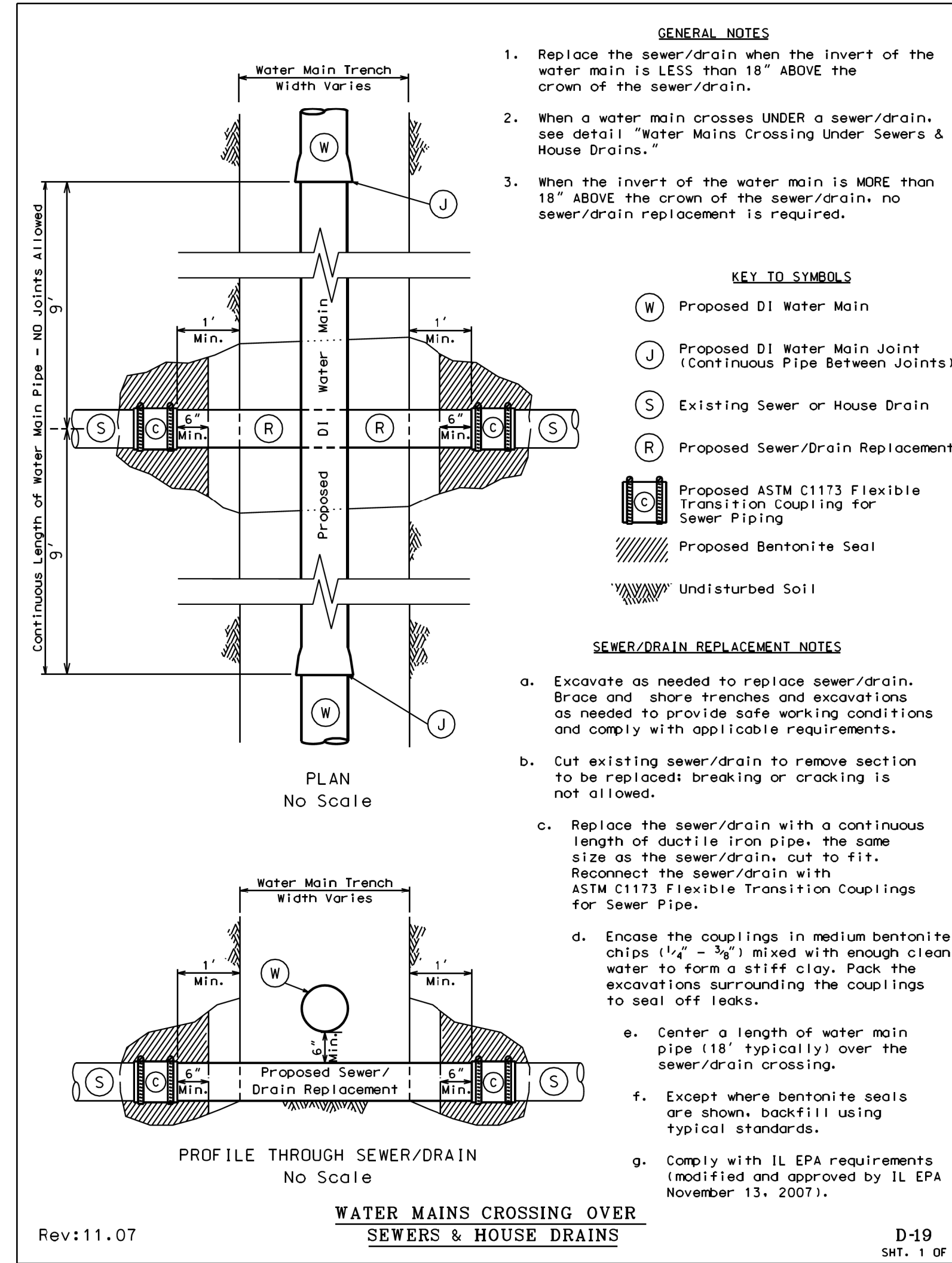
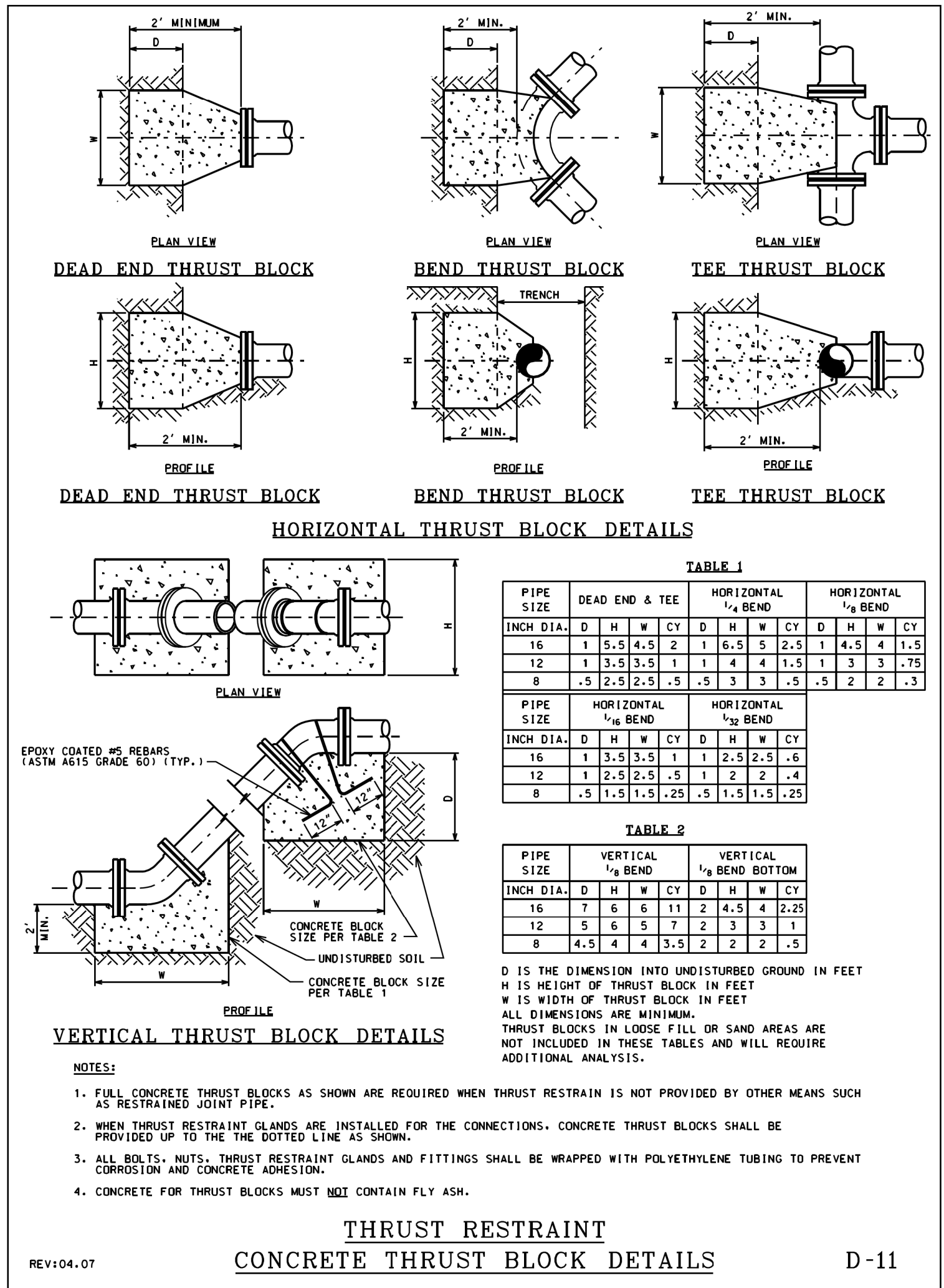
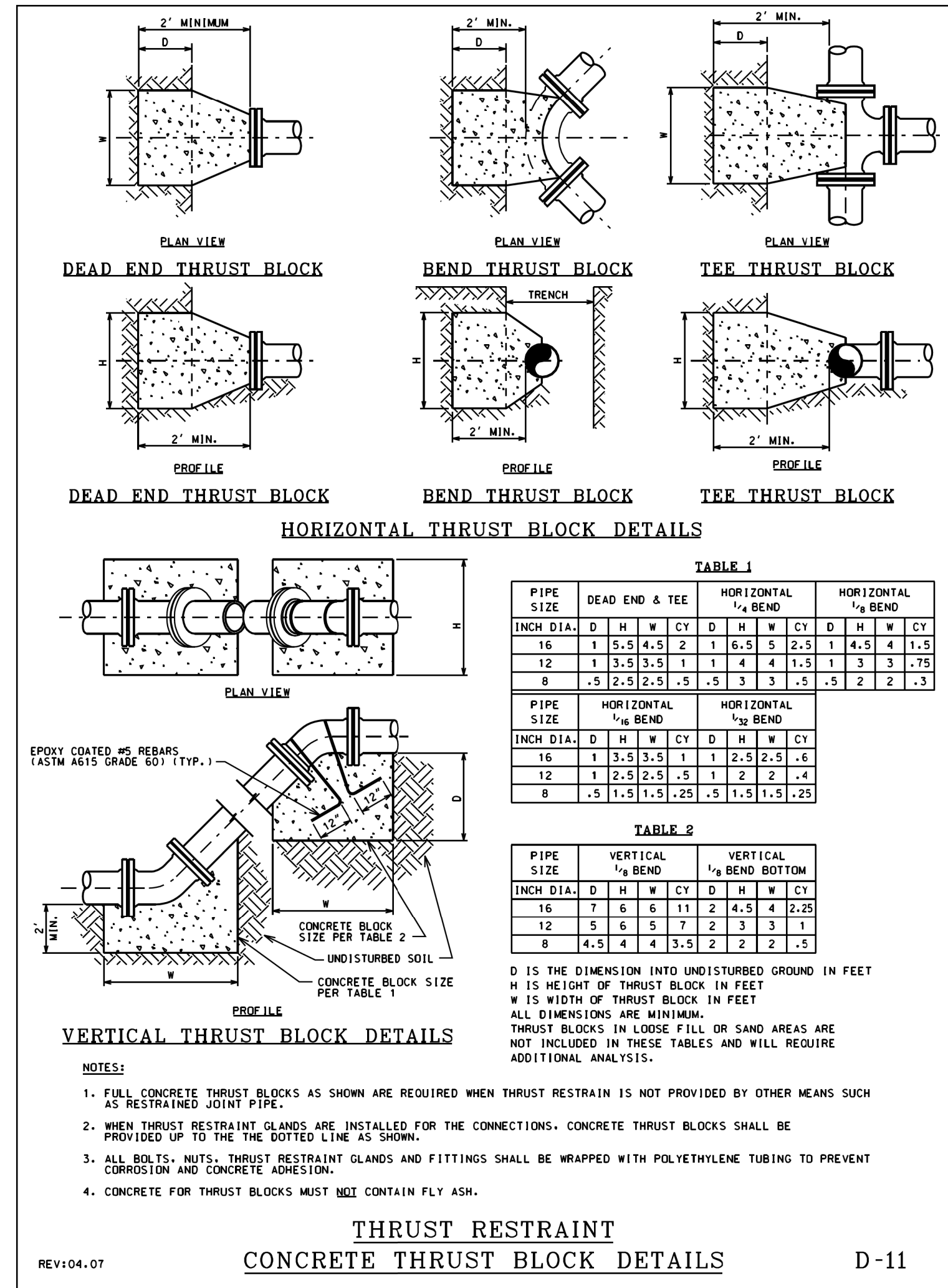
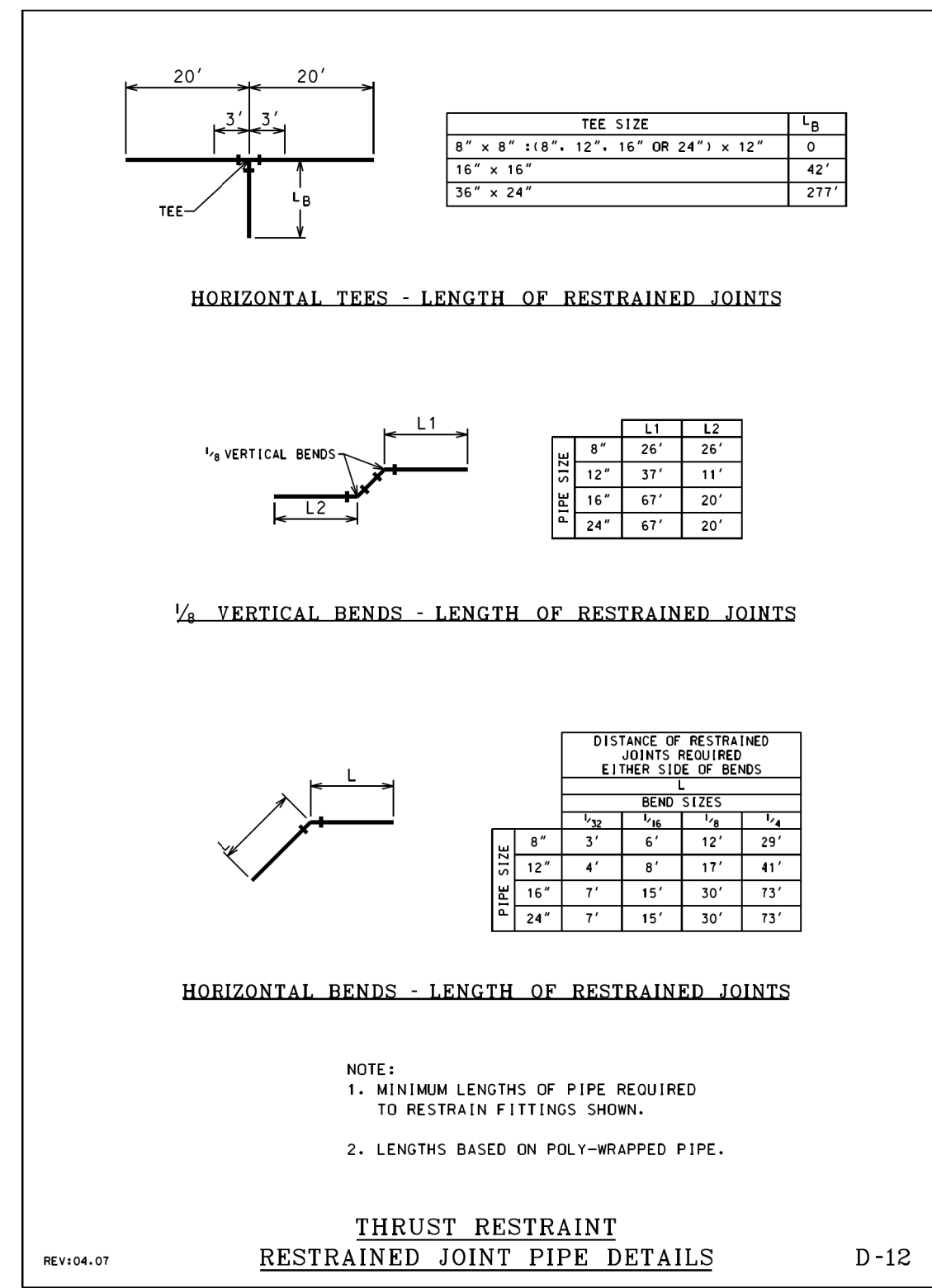
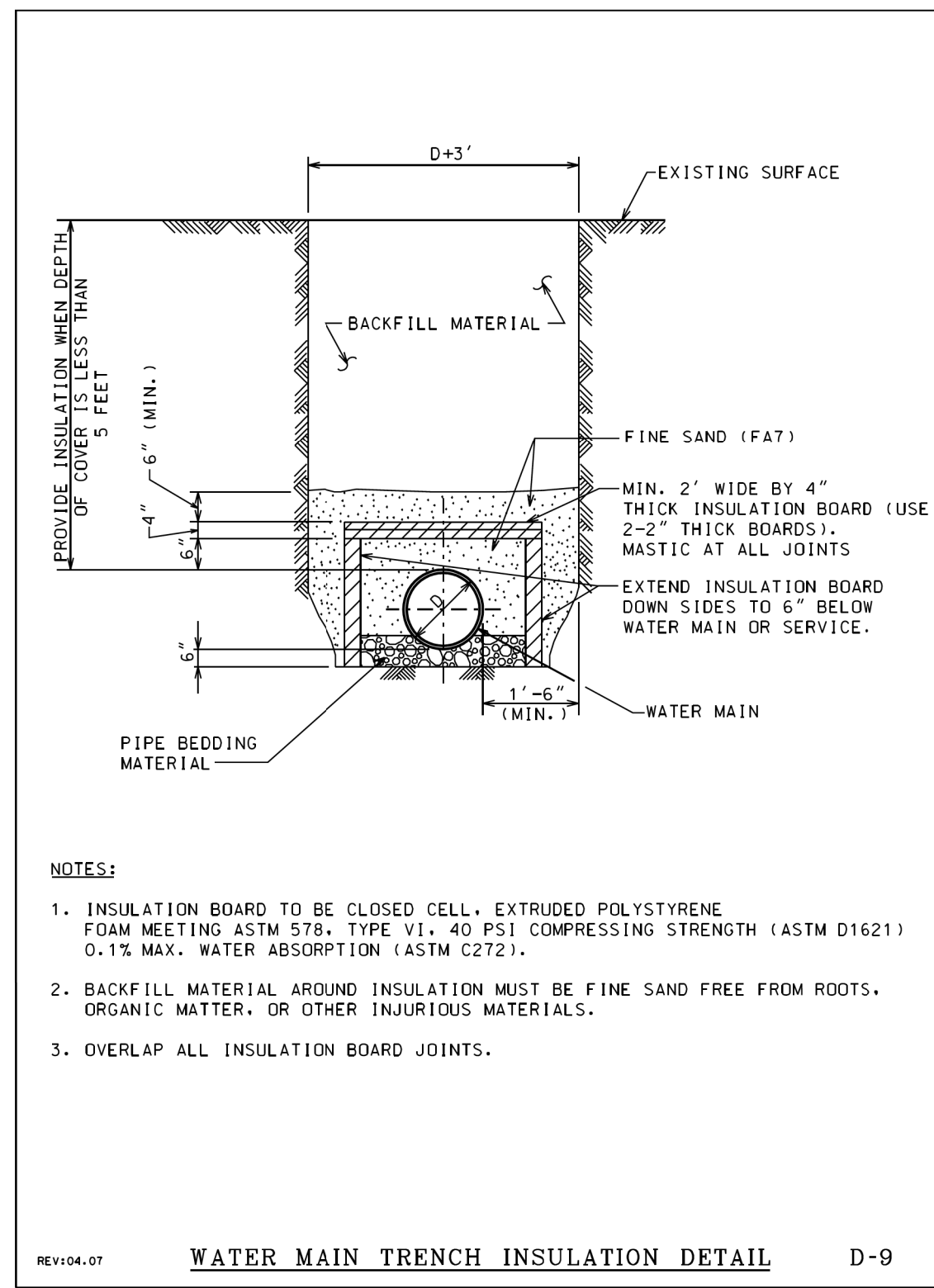
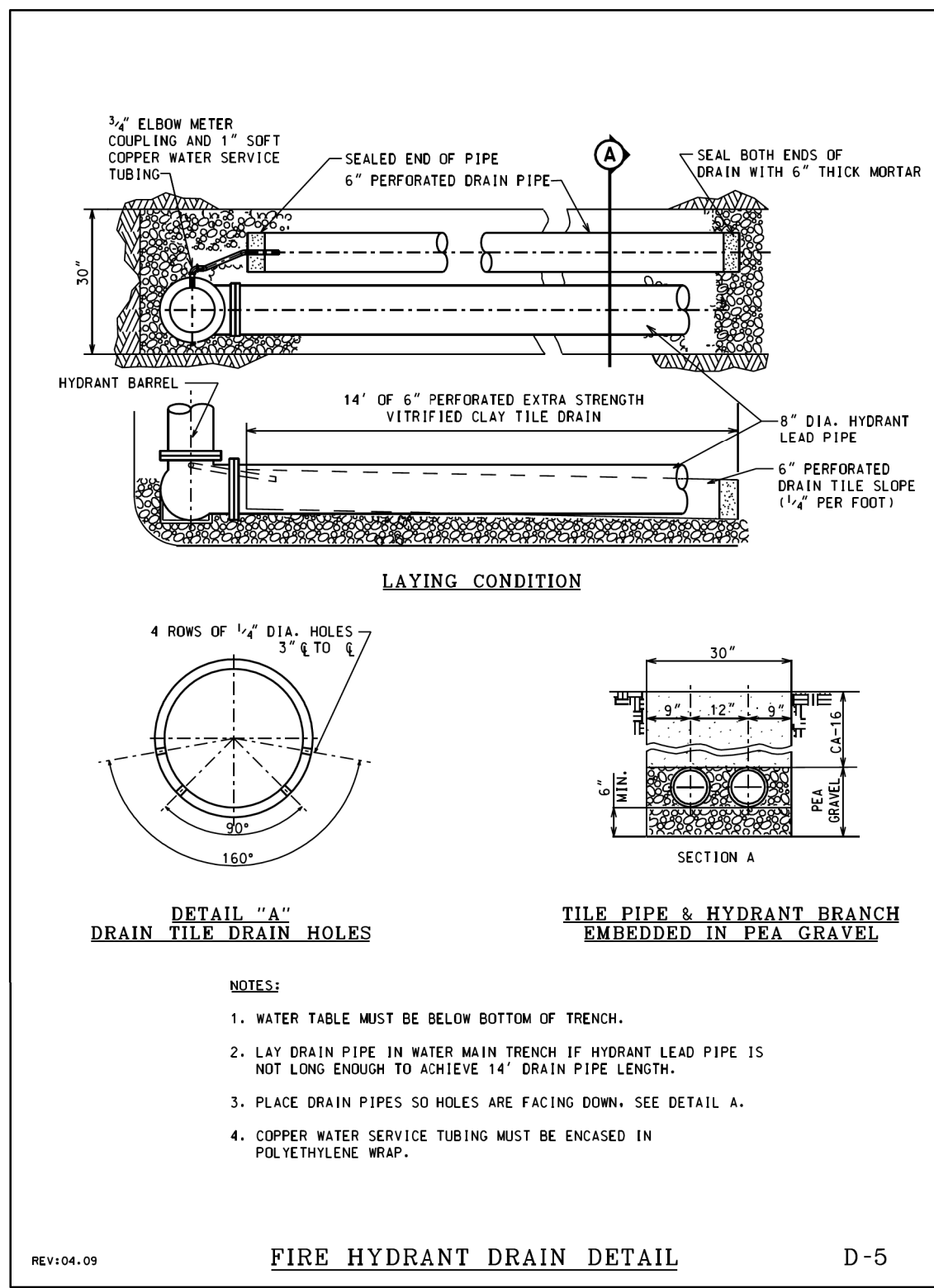
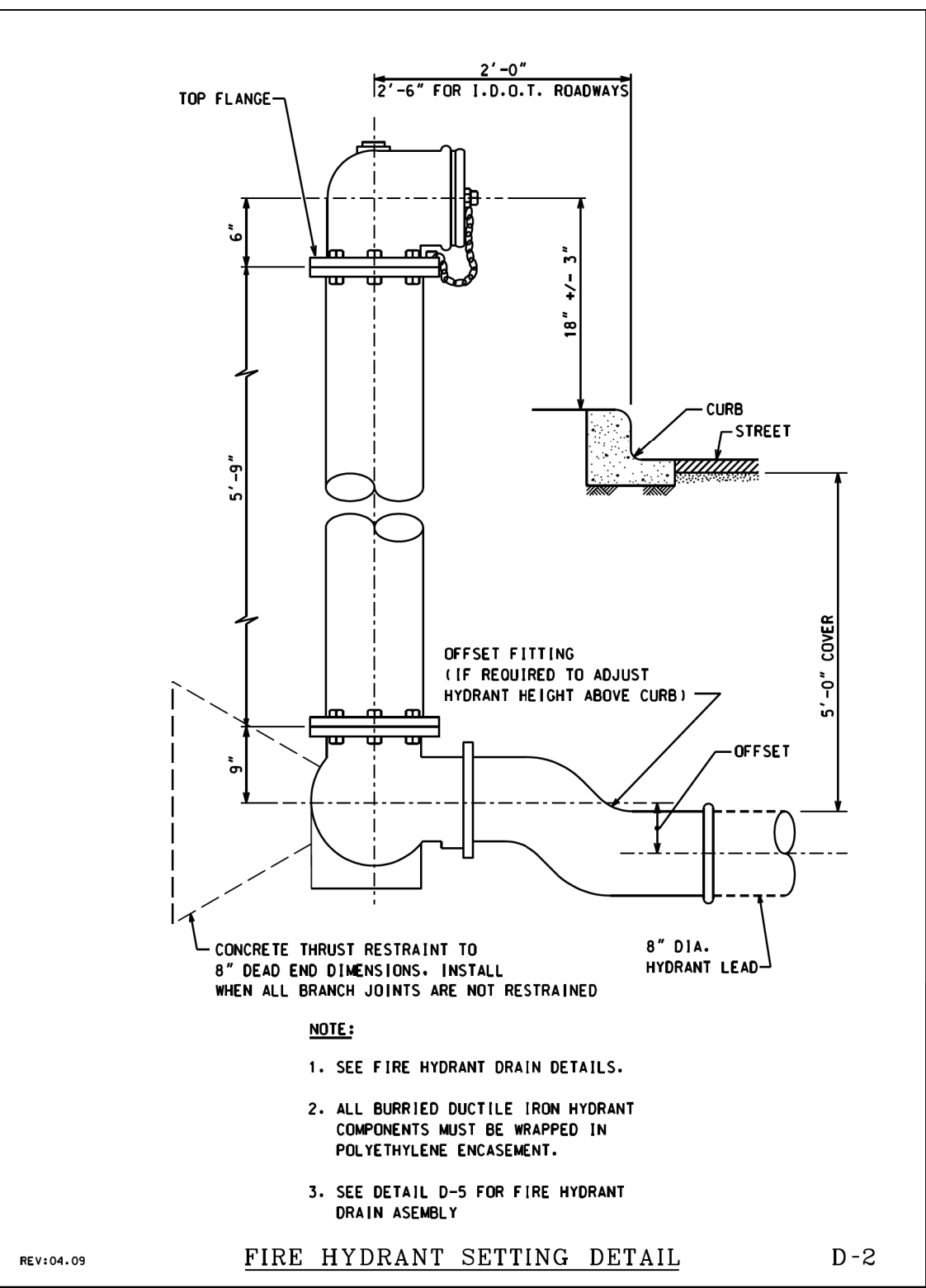
ADDENDUM NO. 1	
REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

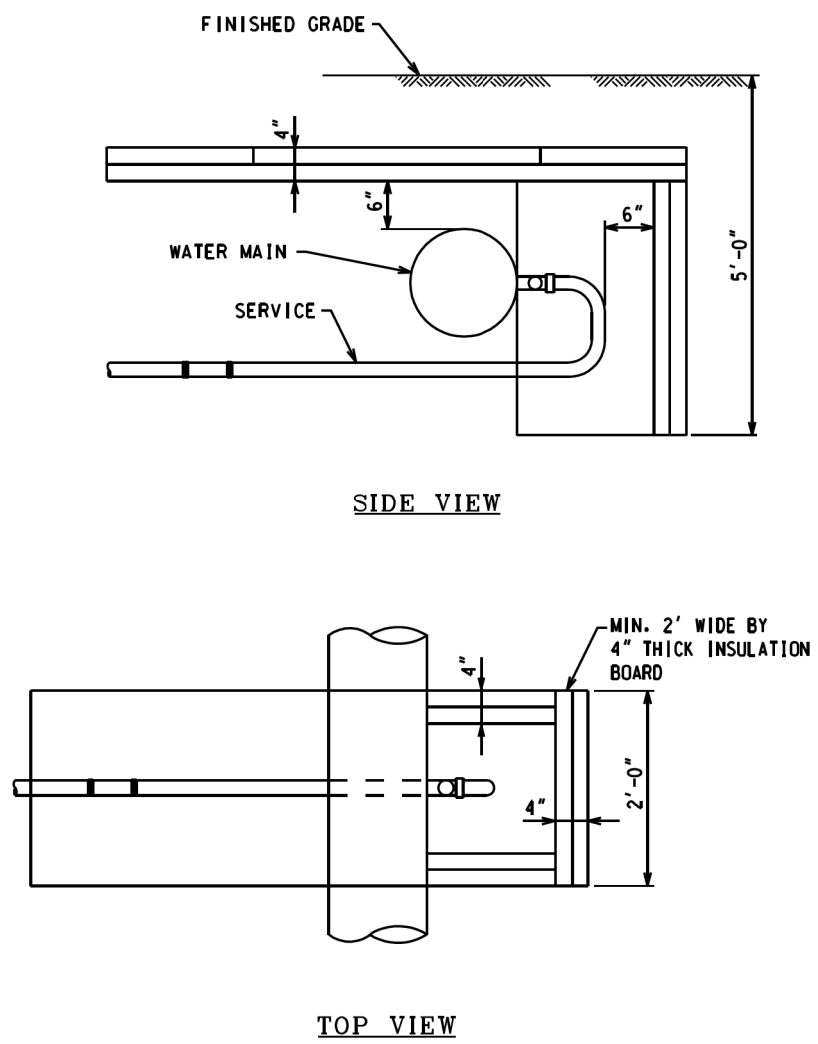
CDWM SEWER DETAILS

SCALE: SHEET 21 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	40
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
FILE NAME: project\tech-pw-beatley\com\tech-pw\Documents\Projects\3153-Special Requests\WPA Updates\8th Street Holland to Dead End\Sheets\21-F5-05-sht-det-wm-001.dgn



SERVICE PIPE INSULATION DETAILS

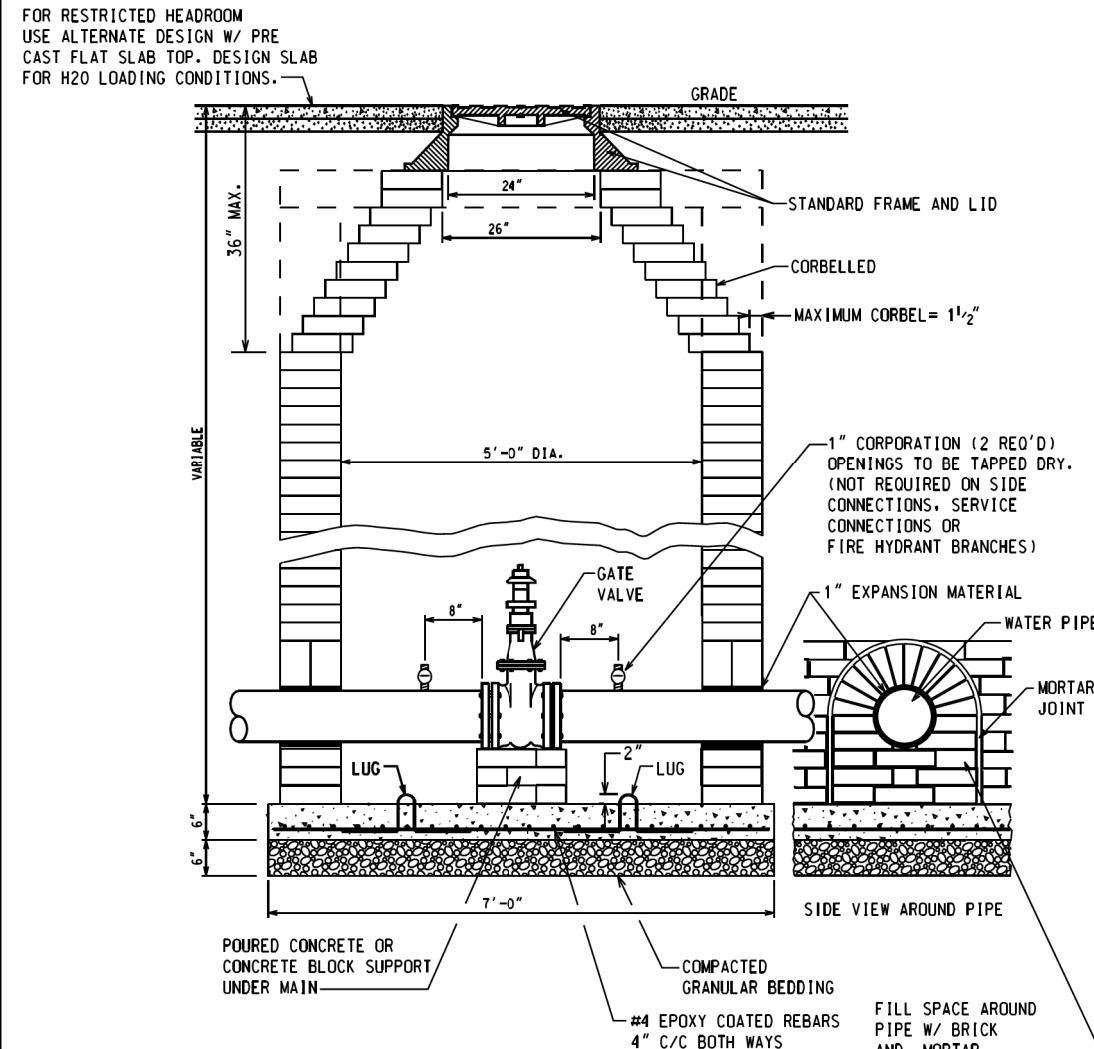
NOTES:

1. BACK FILL MATERIAL AROUND INSULATION SHALL BE FINE SAND (FA7), 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 VI, 40 PSI COMPRESSING STRENGTH (ASTM D1621) 0.1% MAX. WATER ABSORPTION (ASTM C272).

REV104.07

SERVICE PIPE INSULATION DETAILS

D-31



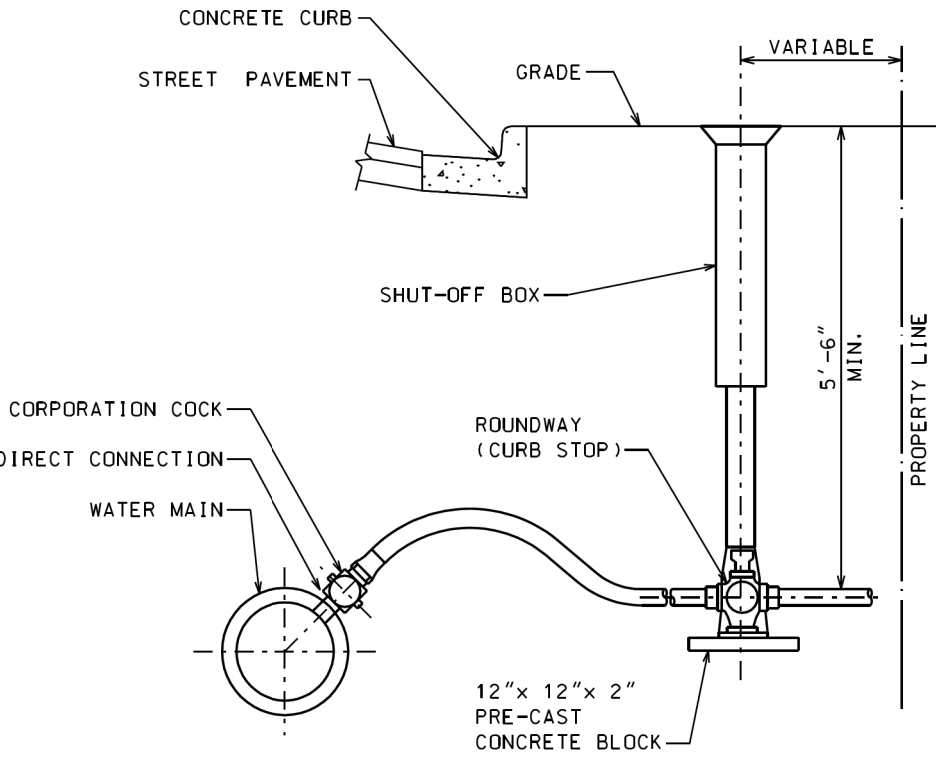
NOTES:

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.

REV104.07

BRICK MASONRY VALVE BASIN

D-14

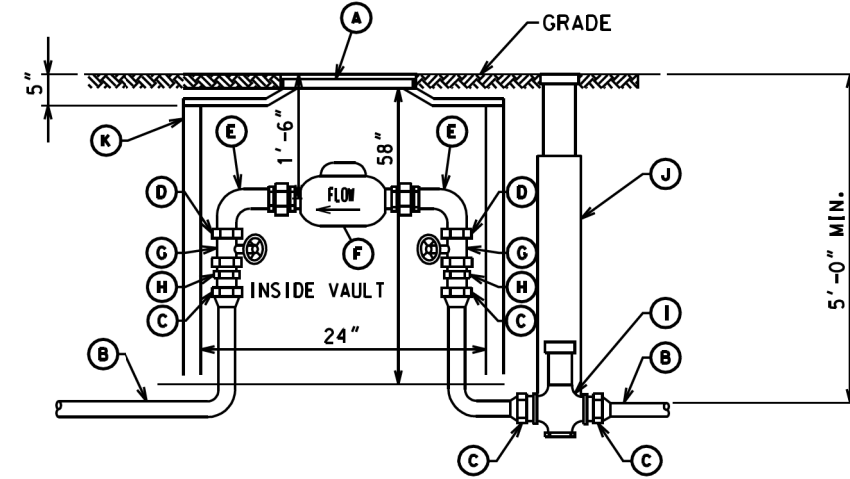


CORPORATION COCK		SHUT-OFF BOX	
SIZE	WEIGHT	SIZE	WEIGHT
In.	Lb.	In.	Lb.
1.0	3.00	1.5	10.00
1.5	10.00	2.0	16.50
2.0	16.50	2.5	23.00

REV104.07

TYPICAL 1" TO 2" WATER SERVICE

D-16



1" METER VAULT
VAULT CODE 11-R-200

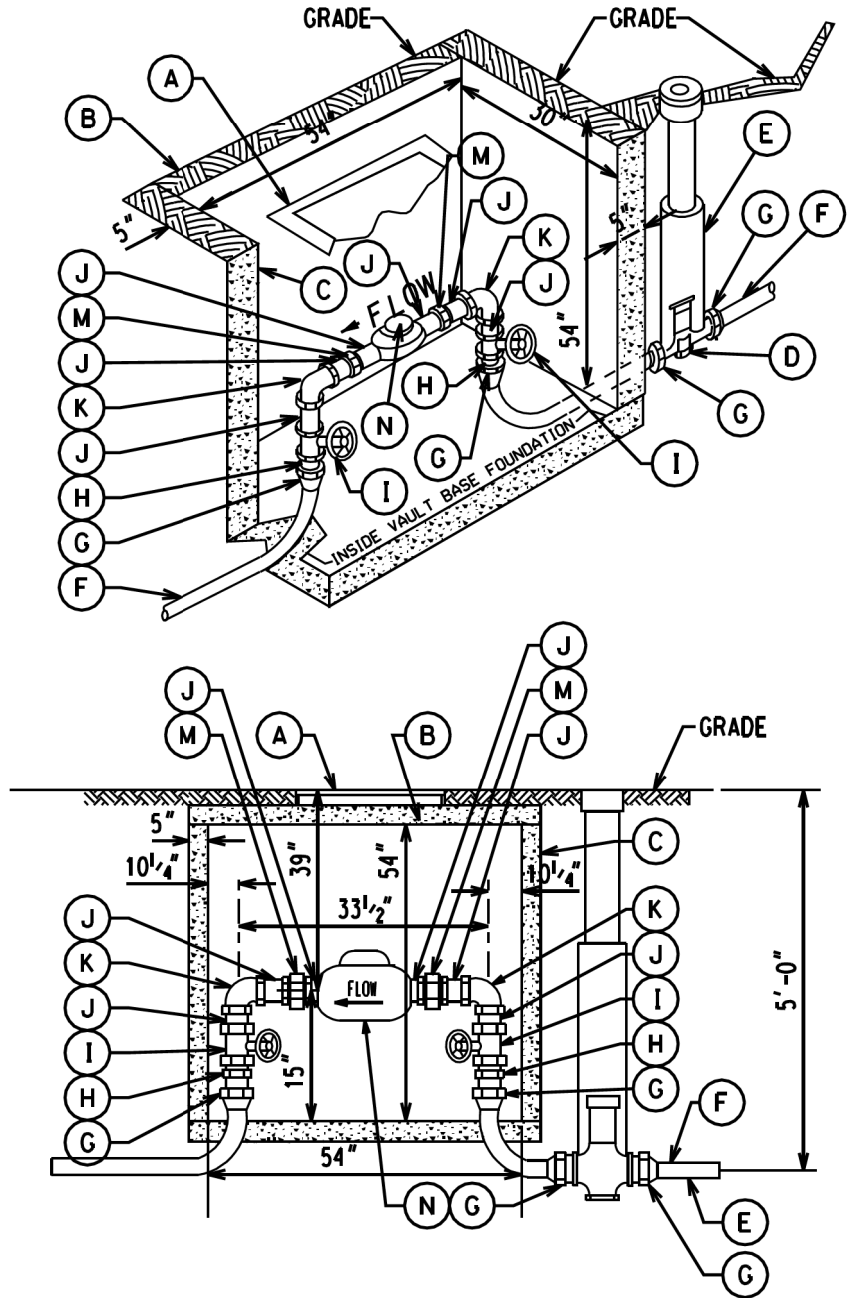
A	FRAME AND LID (NEENAH R1911C)
B	1" TYPE K COPPER PIPE
C	FEMALE FLARED FITTING
D	1" x 1/2" BRASS BUSHING
E	1/2" BENT METER COUPLING
F	METER
G	FULL PORT CONTROL VALVE
H	MALE I.P.T. TO FLARED ADAPTER
I	1" ROUNDWAY
J	SHUT-OFF BOX
K	EXTRA HEAVY SALT GLAZED VITRIFIED CLAY TILE PIPE

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

REV104.07

NEW COPPER 1" WATER SERVICE
STANDARD METER VAULT

D-23

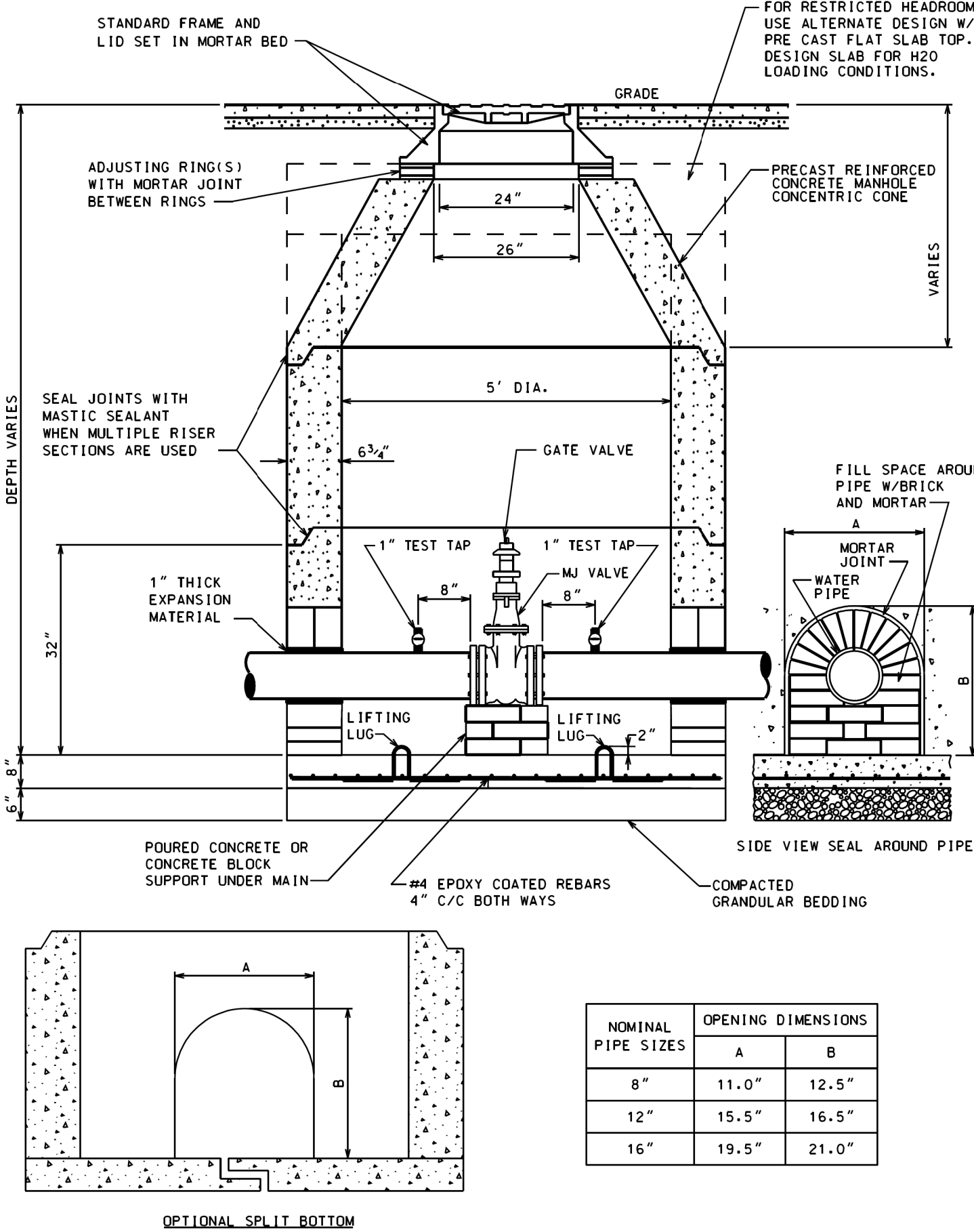


A	COVER 25 1/4" x 25 1/4" (NEENAH, R662JP OR EQUAL) CENTERED OVER METER
B	PRECAST CONCRETE TOP
C	SOLID CONCRETE BLOCK OR PRECAST CONCRETE
D	ROUNDWAY
E	SHUT-OFF BOX
F	1" TYPE K COPPER
G	F.M. FLARED FITTING
H	MALE I.P.T. TO FLARED
I	FULL PORT CONTROL VALVE
J	BRASS NIP
K	BRASS ELL
M	BRASS UNION
N	METER

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

REV104.07

D-24



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

REV106.07

PRECAST VALVE BASIN
FOR PIPES UP TO 16" DIA.

D-13

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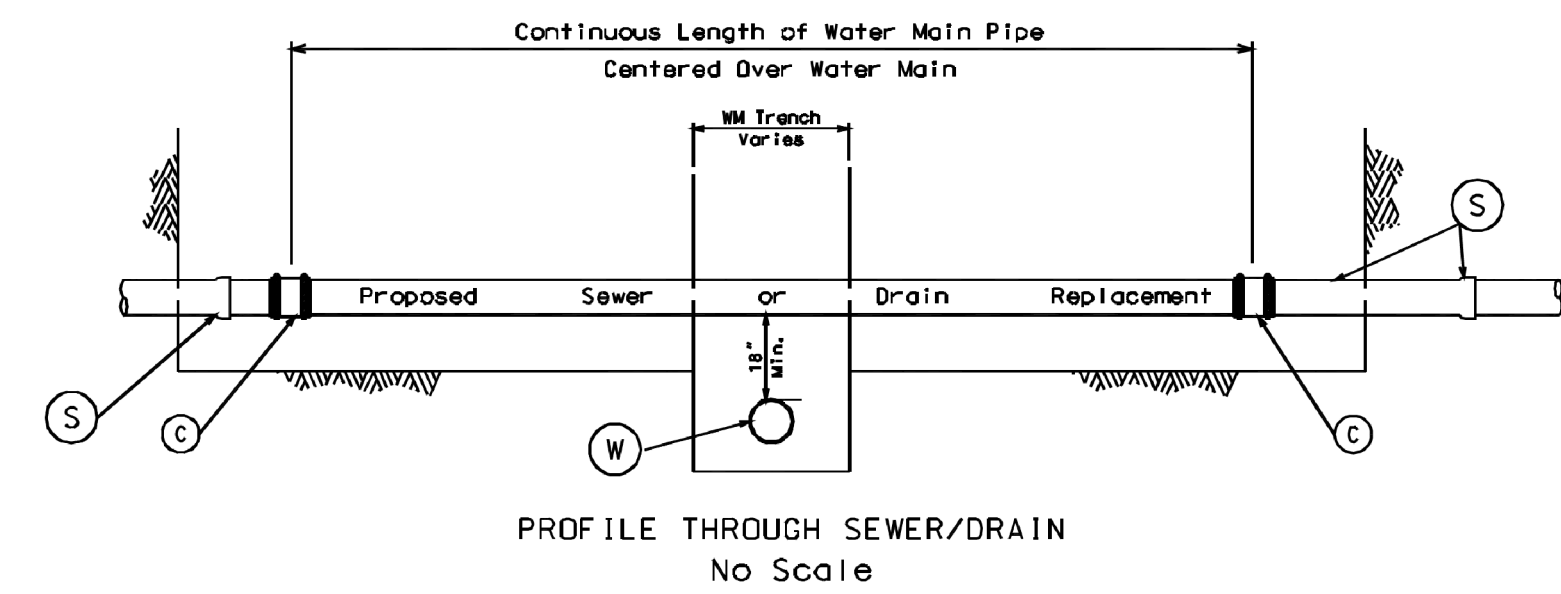
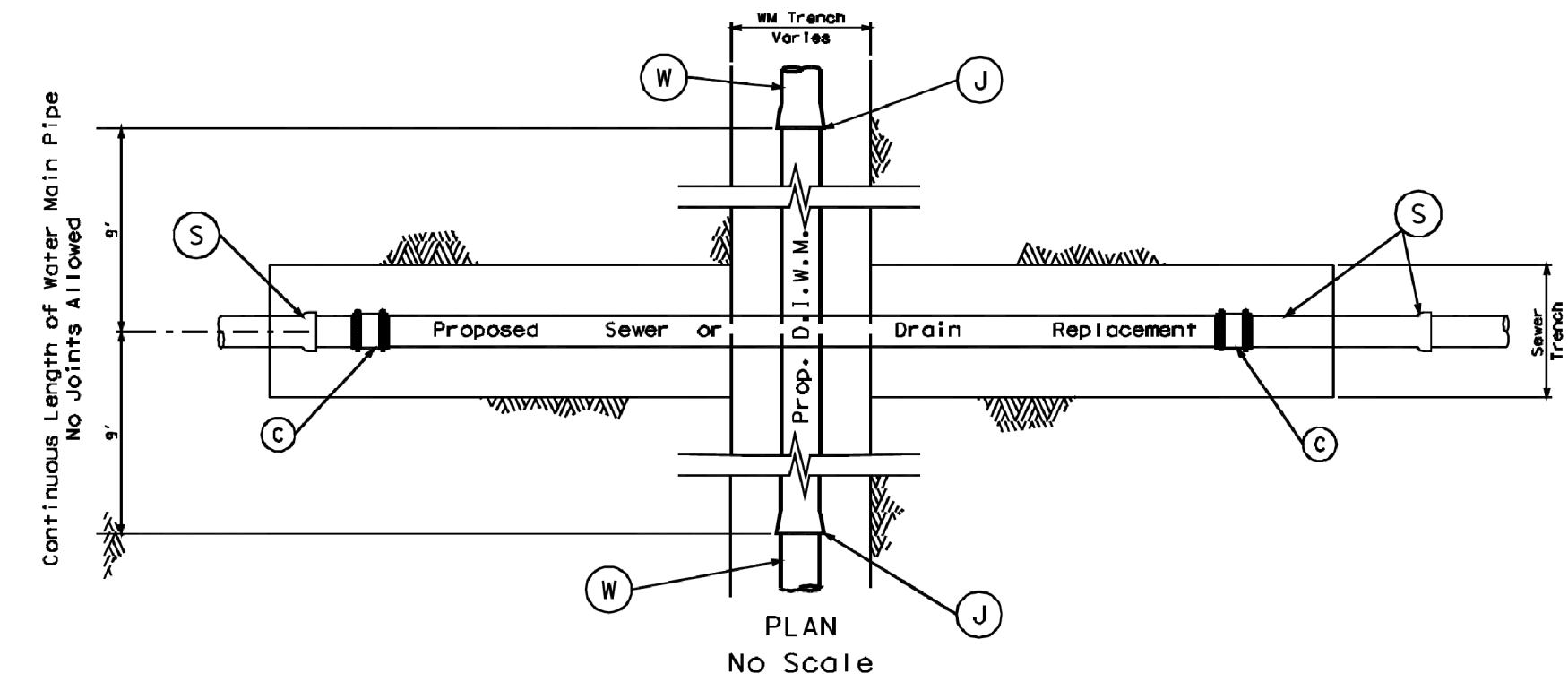
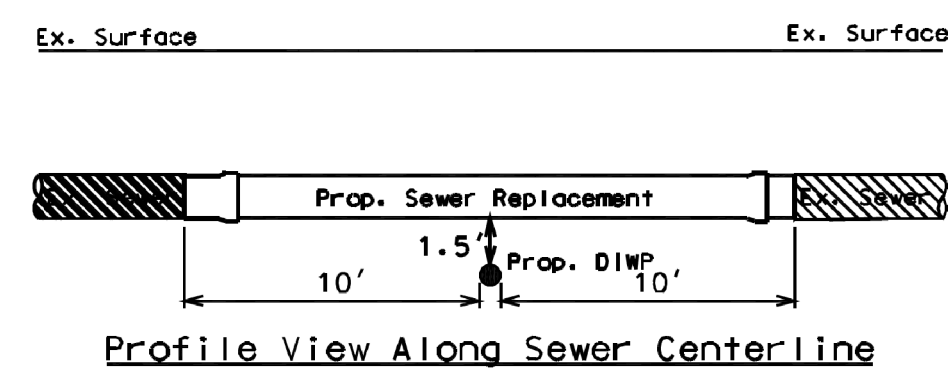
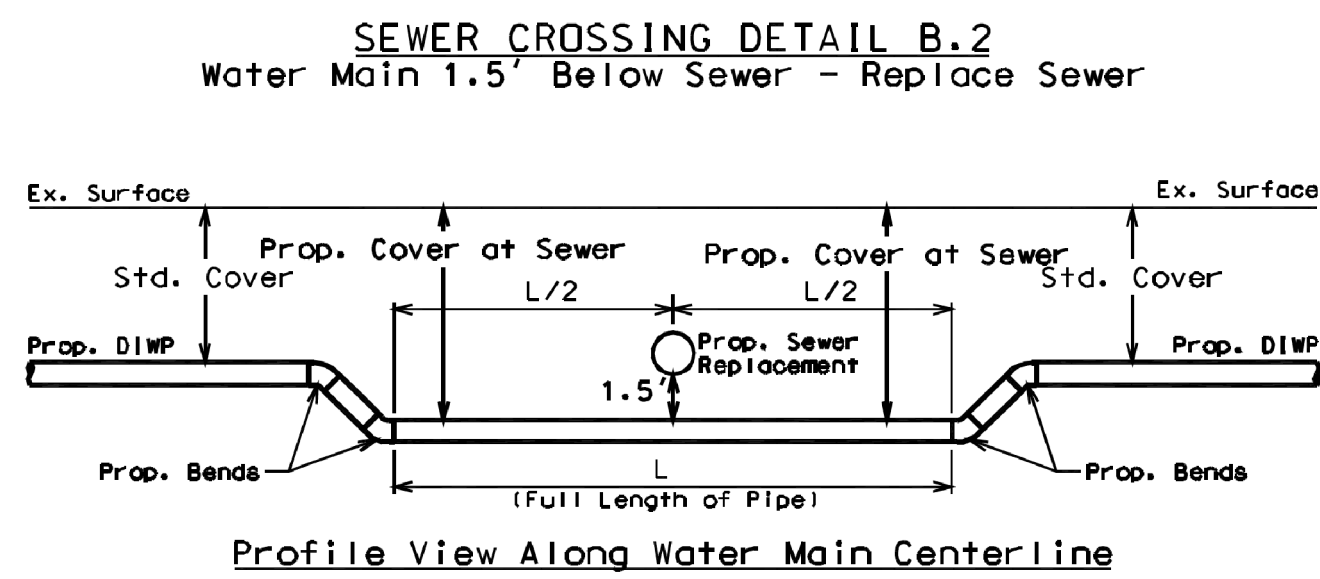
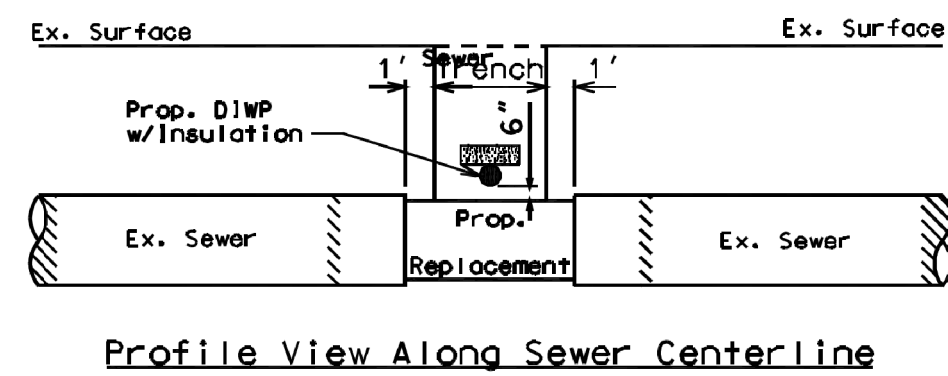
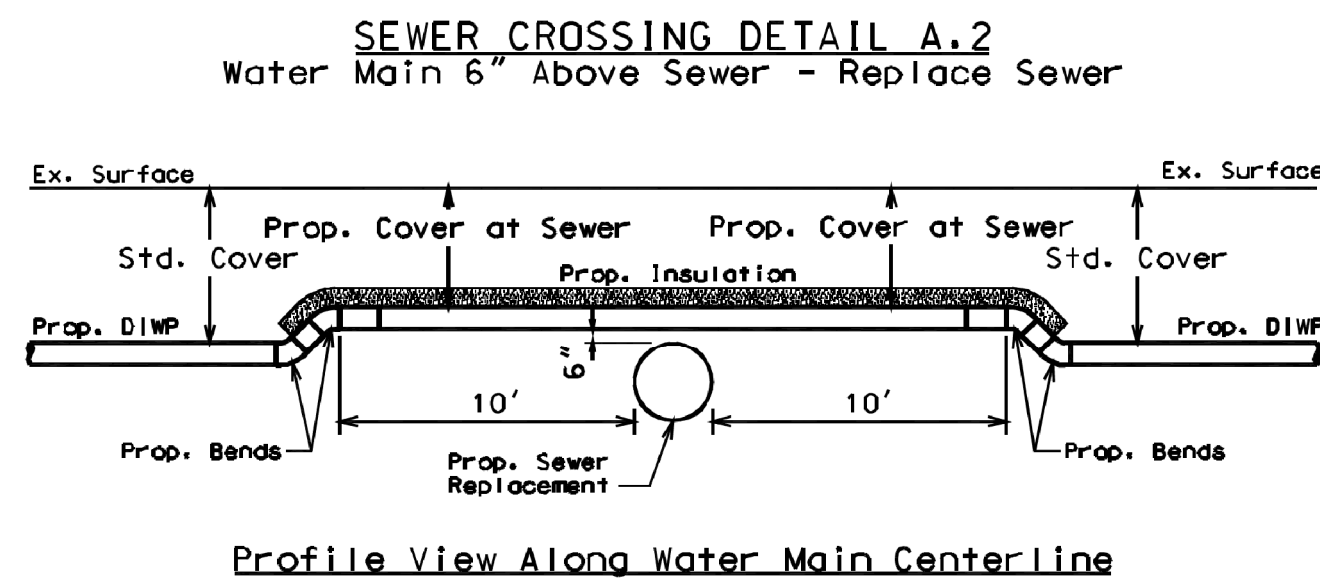
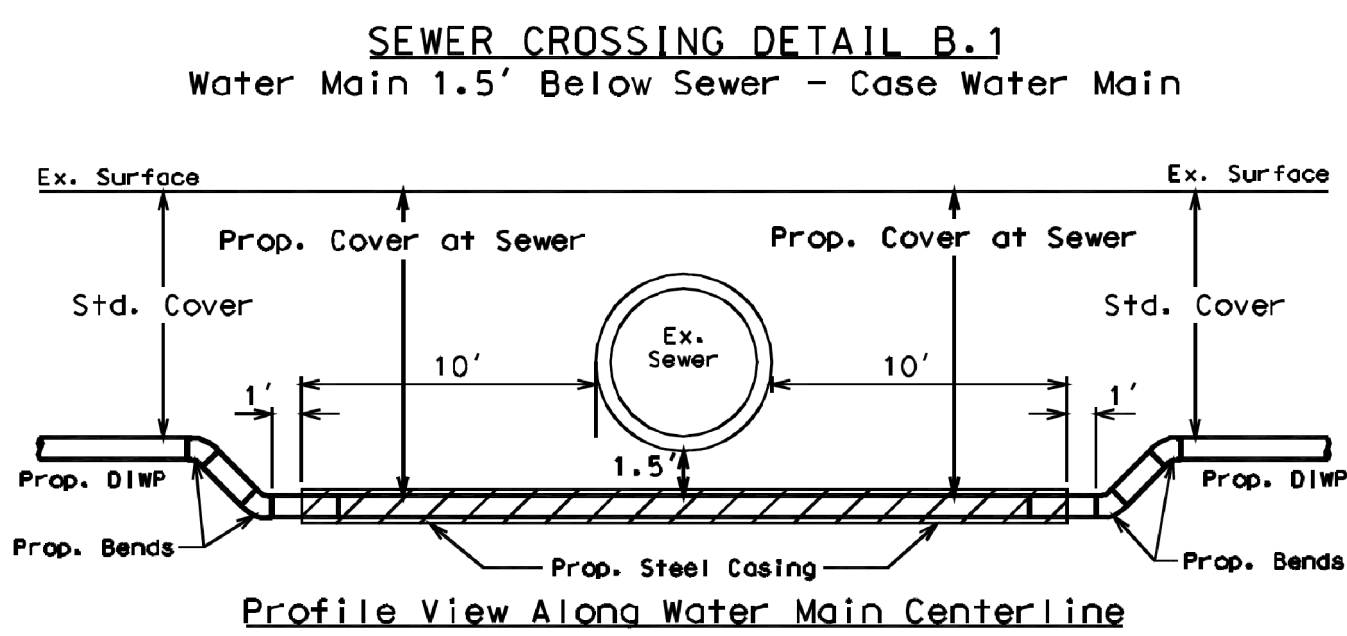
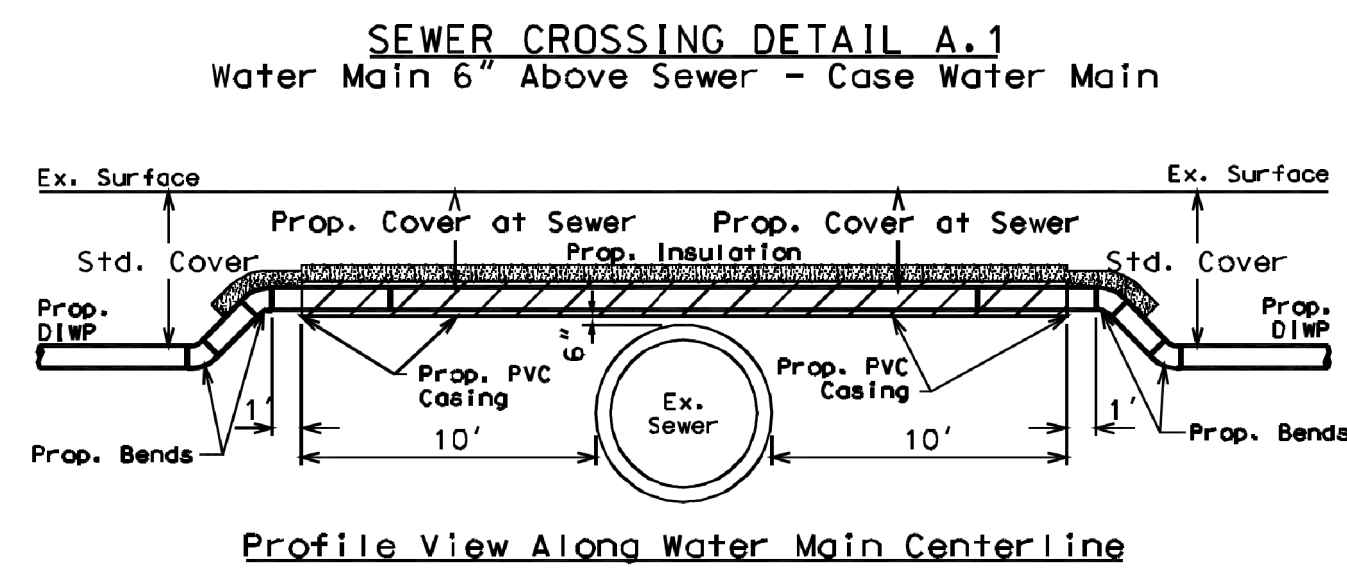
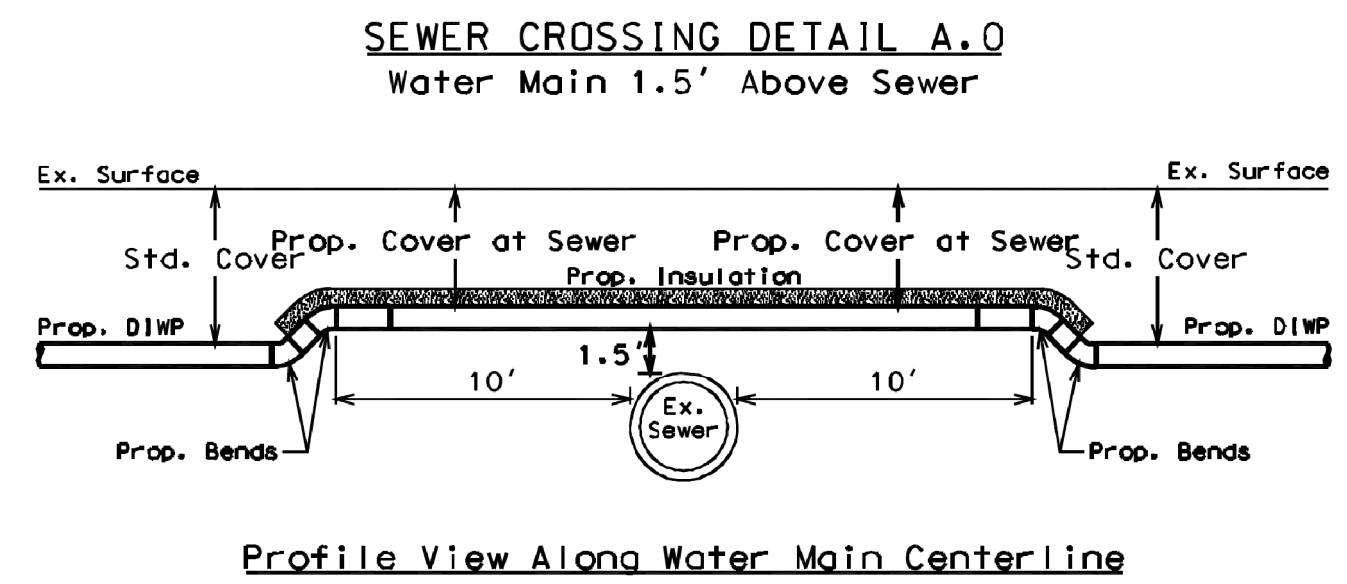
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REVISED	-
ADDENDUM NO. 2	
REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	= 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM WATER DETAILS

SCALE: SHEET 23 OF 27 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	42
		ILLINOIS	FED. AID PROJECT	



- GENERAL NOTES**
1. Replace the sewer/drain in all cases when a water main crosses UNDER the sewer/drain.
 2. When a water main crosses OVER a sewer/drain, see detail "Water Mains Crossing Over Sewers & House Drains."
- KEY TO SYMBOLS**
- (W) Proposed DI Water Main
 - (J) Proposed DI Water Main Joint (Continuous Pipe Between Joints)
 - (S) Existing Sewer or House Drain
 - (R) Proposed Sewer/Drain Replacement
 - (C) Proposed ASTM C1173 Flexible Transition Coupling for Sewer Piping
 - Undisturbed Soil

- SEWER/DRAIN REPLACEMENT NOTES**
- a. Minimum clearance between the crown of the water main and the invert of the sewer/drain is 18".
 - b. Excavate as needed to replace sewer/drain. Brace and shore trenches and excavations as needed to provide safe working conditions and comply with applicable requirements.
 - c. Cut existing sewer/drain to remove section to be replaced; breaking or cracking is not allowed.
 - d. Replace the sewer/drain with a continuous length of ductile iron pipe, the same size as the sewer/drain, cut to fit. Reconnect the sewer/drain with ASTM C1173 Flexible Transition Couplings for Sewer Pipe.
 - e. Center a length of water main pipe (18' typically) under the sewer/drain crossing.
 - f. Backfill using typical standards.
 - g. Comply with IL EPA requirements.

**WATER MAINS CROSSING UNDER
SEWERS & HOUSE DRAINS**

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

CDWM WATER DETAILS

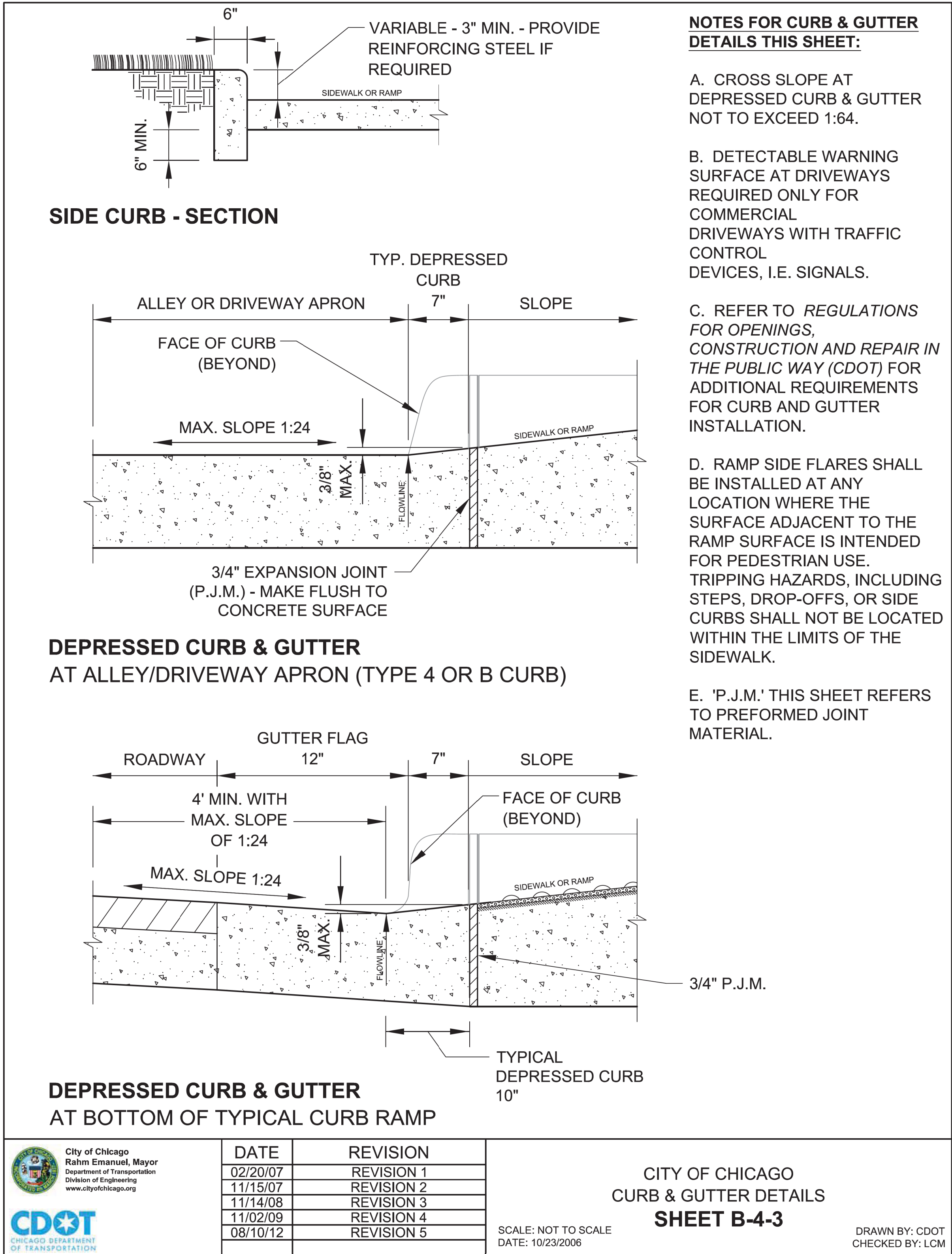
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	43
ILLINOIS		FED. AID PROJECT		



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PLOT DATE = 4/30/2025	DATE - 04/22/2025	ISSUE TO BID - 5/6/2025

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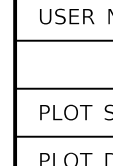
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REVISED	-
ADDENDUM NO. 3	
ISSUE TO BID	- 5/6/2025

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDOT CURB & GUTTER DETAILS

SCALE: SHEET 25 OF 27 SHEETS STA. TO STA.

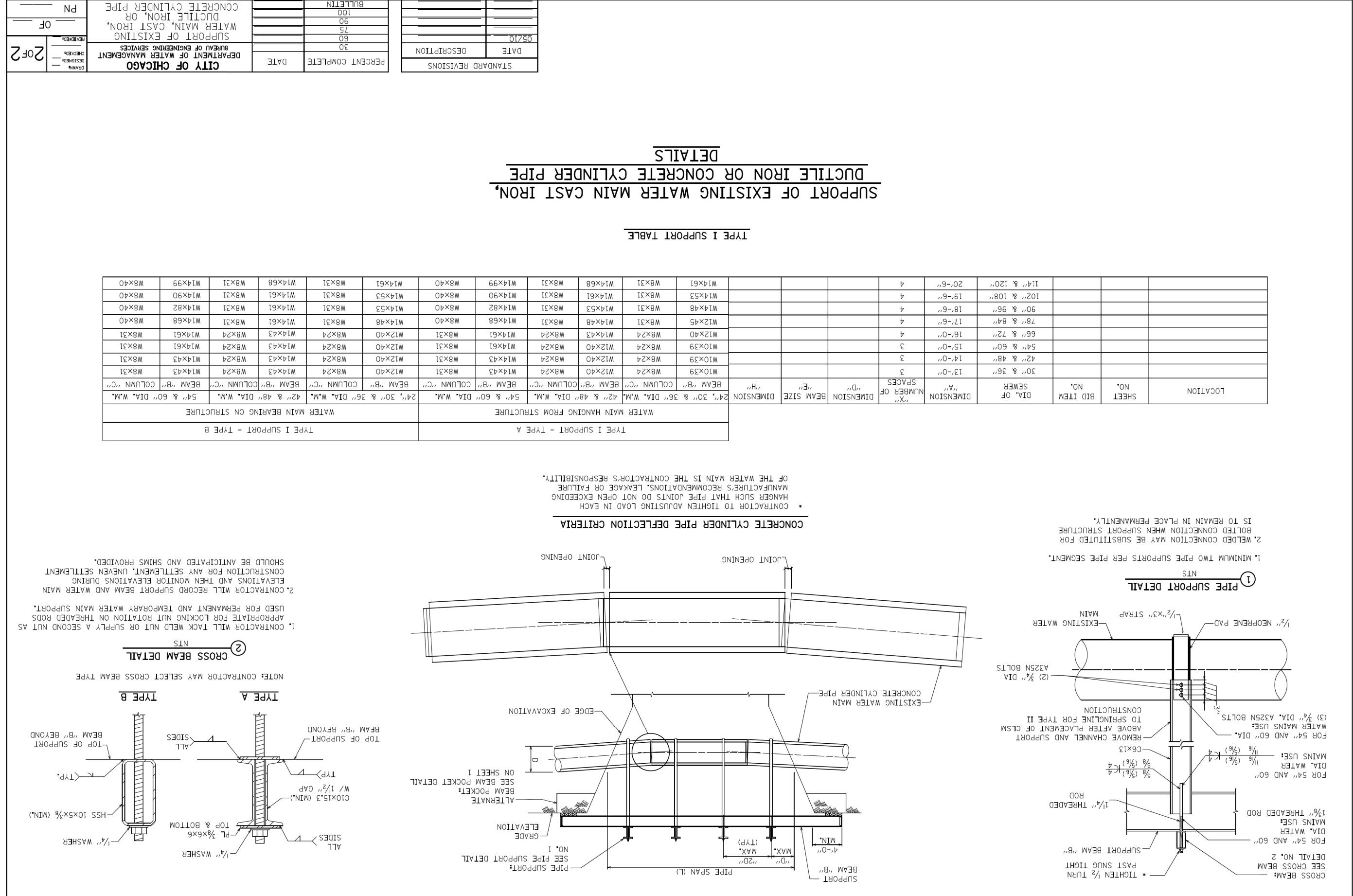
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		COOK	50	44
ILLINOIS FED. AID PROJECT				



STANDARD REVISION		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	ISSUED DRAWING NUMBER	10F2
DATE	DESCRIPTION				BY	
05/10		30		SUPPORT OF EXISTING WATER MAIN, CAST IRON, DUCTILE IRON, OR CONCRETE CYLINDER PIPE		
		60				
		75				
		90				
		100				
		BULLETIN				
					OF	
					PN	

WATER MAIN SUPPORT DETAIL

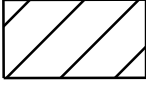





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	50	46
ILLINOIS		FED. AID PROJECT		

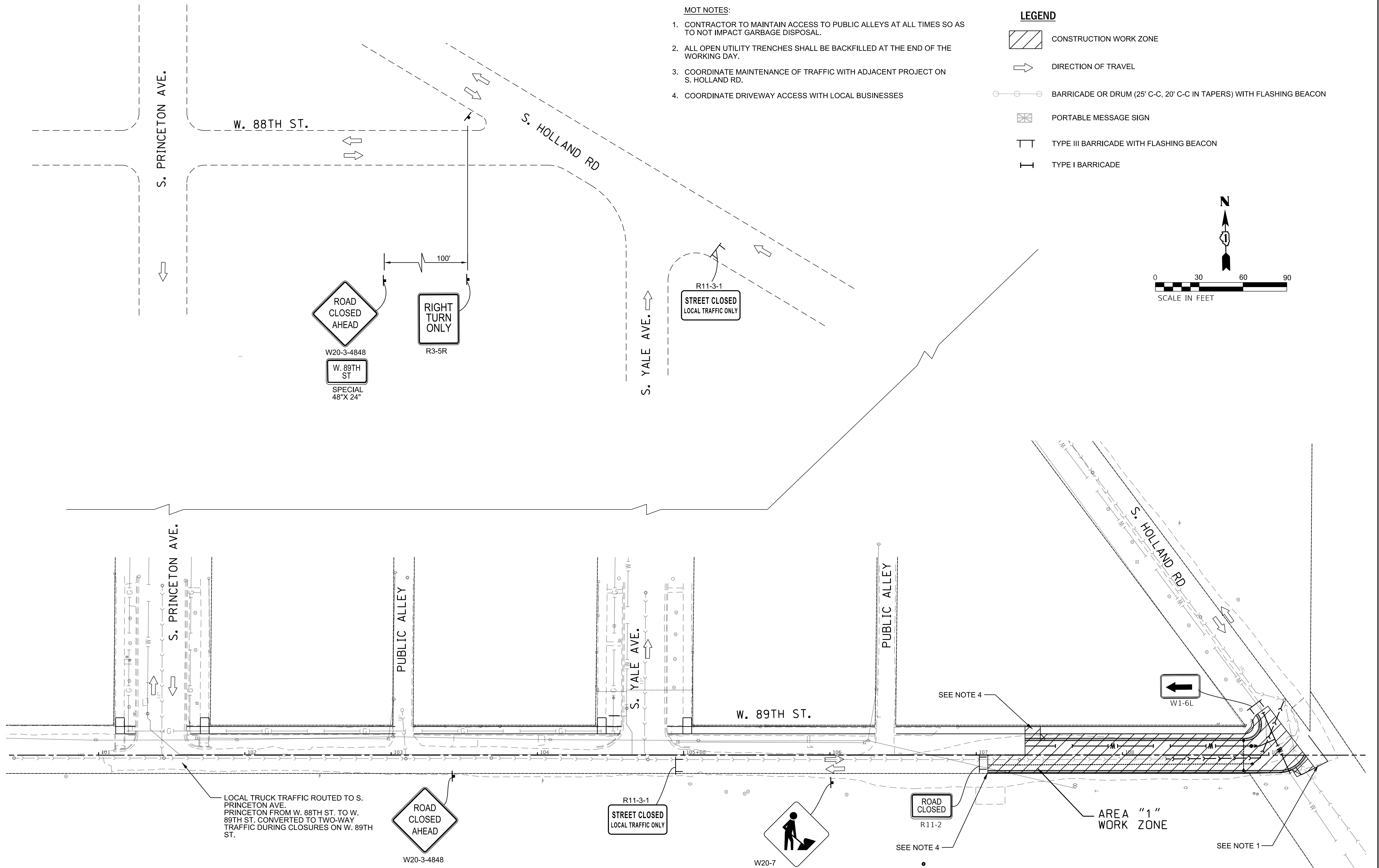
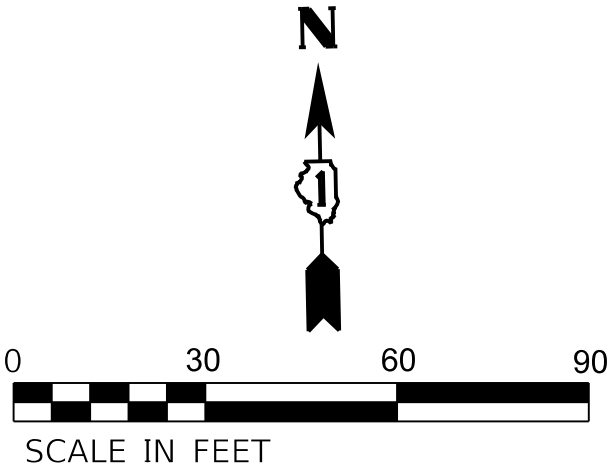


MOT NOTES:

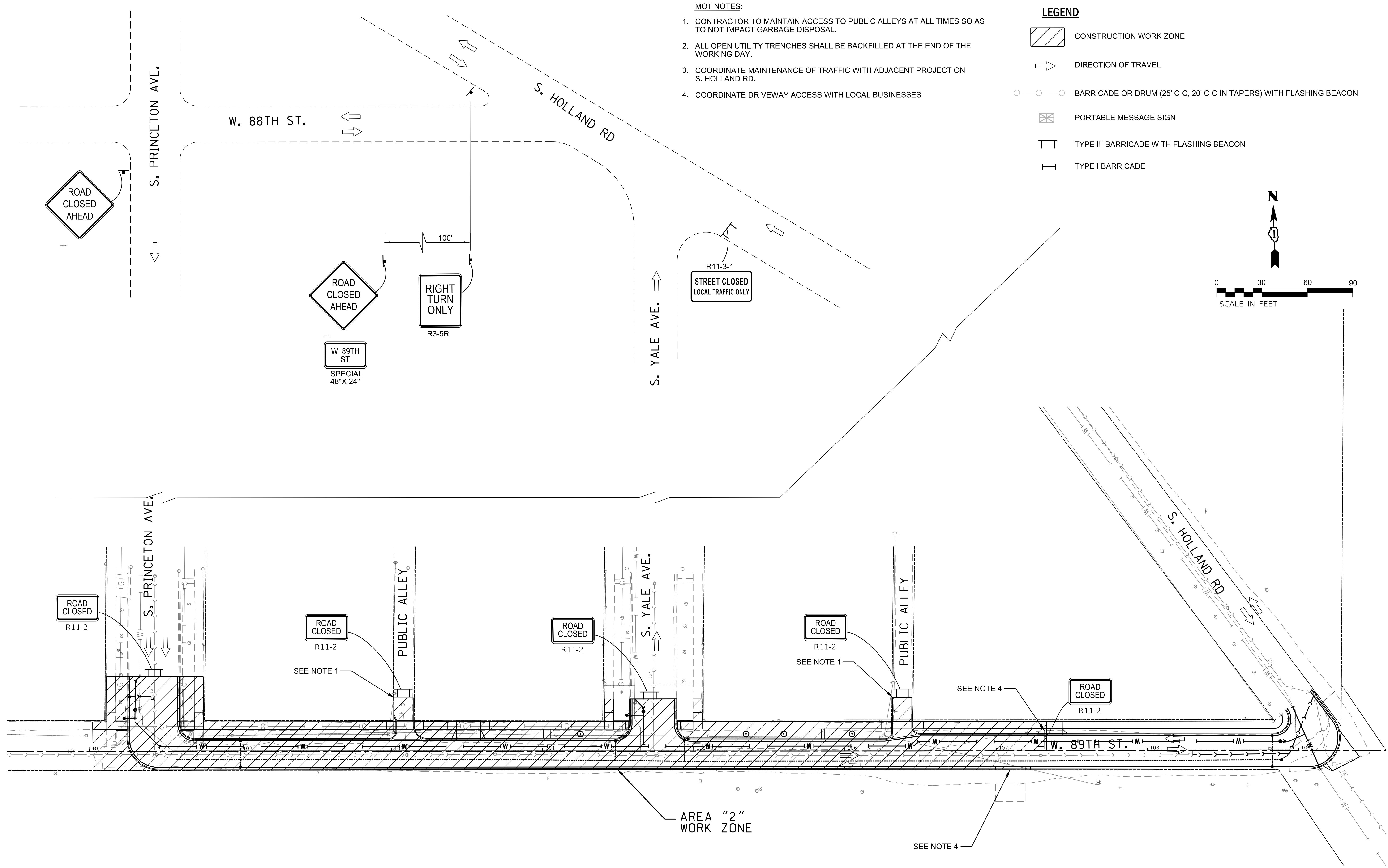
1. CONTRACTOR TO MAINTAIN ACCESS TO PUBLIC ALLEYS AT ALL TIMES SO AS TO NOT IMPACT GARBAGE DISPOSAL.
2. ALL OPEN UTILITY TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORKING DAY.
3. COORDINATE MAINTENANCE OF TRAFFIC WITH ADJACENT PROJECT ON S. HOLLAND RD.
4. COORDINATE DRIVEWAY ACCESS WITH LOCAL BUSINESSES

LEGEND

-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAVEL
-  BARRICADE OR DRUM (25' C-C, 20' C-C IN TAPERS) WITH FLASHING BEACON
-  PORTABLE MESSAGE SIGN
-  TYPE III BARRICADE WITH FLASHING BEACON
-  TYPE I BARRICADE

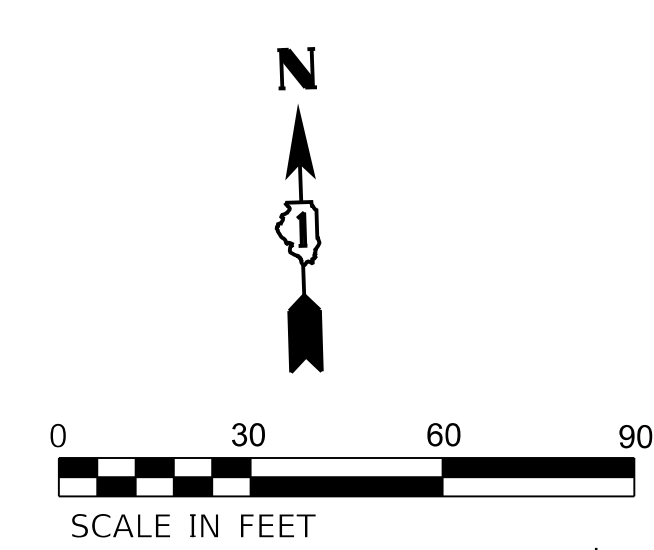


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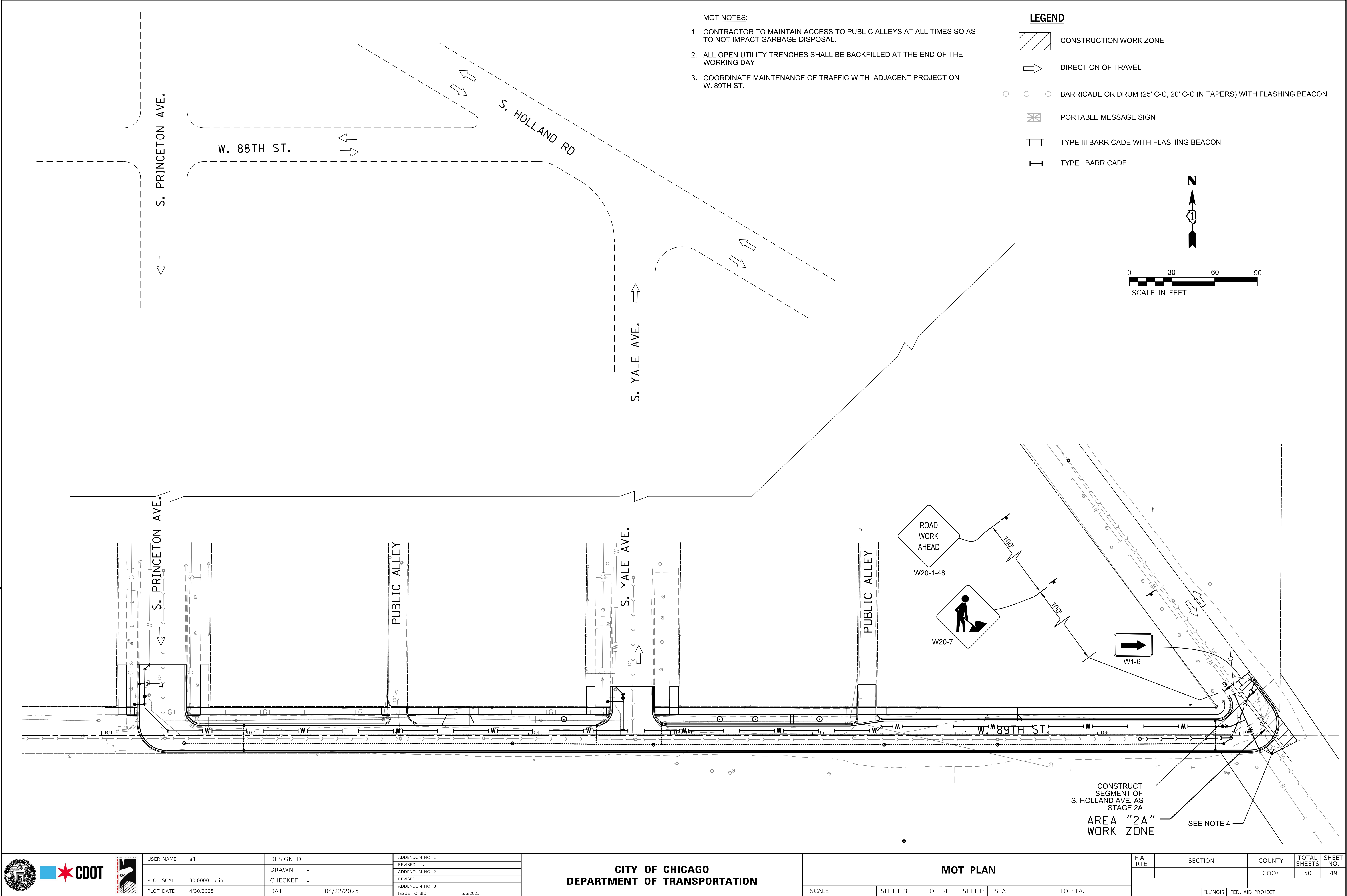


- MOT NOTES:**
1. CONTRACTOR TO MAINTAIN ACCESS TO PUBLIC ALLEYS AT ALL TIMES SO AS TO NOT IMPACT GARBAGE DISPOSAL.
 2. ALL OPEN UTILITY TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORKING DAY.
 3. COORDINATE MAINTENANCE OF TRAFFIC WITH ADJACENT PROJECT ON S. HOLLAND RD.
 4. COORDINATE DRIVEWAY ACCESS WITH LOCAL BUSINESSES

- LEGEND**
- CONSTRUCTION WORK ZONE
 - DIRECTION OF TRAVEL
 - BARRICADE OR DRUM (25' C-C, 20' C-C IN TAPERS) WITH FLASHING BEACON
 - PORTABLE MESSAGE SIGN
 - TYPE III BARRICADE WITH FLASHING BEACON
 - TYPE I BARRICADE



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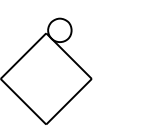




LEGEND



SIGNALIZED INTERSECTION



48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)



OTHER DETOUR SIGN (NUMBER DENOTES TYPE)



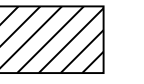
SIGN POST/BARRICADE



EXISTING LIGHT POLE



TYPE III BARRICADE



WORK ZONE



DETOUR ROUTE DIRECTION



EXISTING TRAFFIC DIRECTION TO REMAIN



TEMPORARY STOP BAR



TEMPORARY STOP BAR REMOVAL

SCHEDULE OF SIGNS

SIGN NO.

SIGN TYPE

