

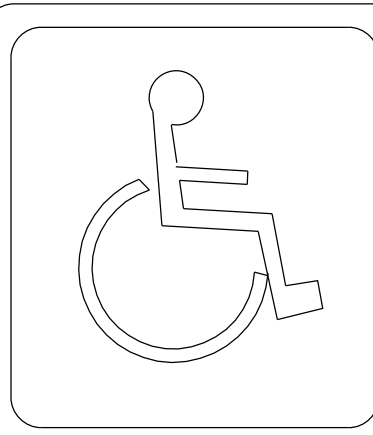
STANDARD SYMBOLS

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

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

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

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



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

LICENSED ARCHITECT / LICENSED ENGINEER

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

STATE OF ILLINOIS

CITY OF CHICAGO

BRANDON JOHNSON, MAYOR

PUBLIC BUILDING COMMISION OF CHICAGO

RAY GIDEROF, EXECUTIVE DIRECTOR

CHICAGO DEPARTMENT OF TRANSPORTATION

TOM CARNEY, COMMISSIONER

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

CONTRACT PLANS

FOR

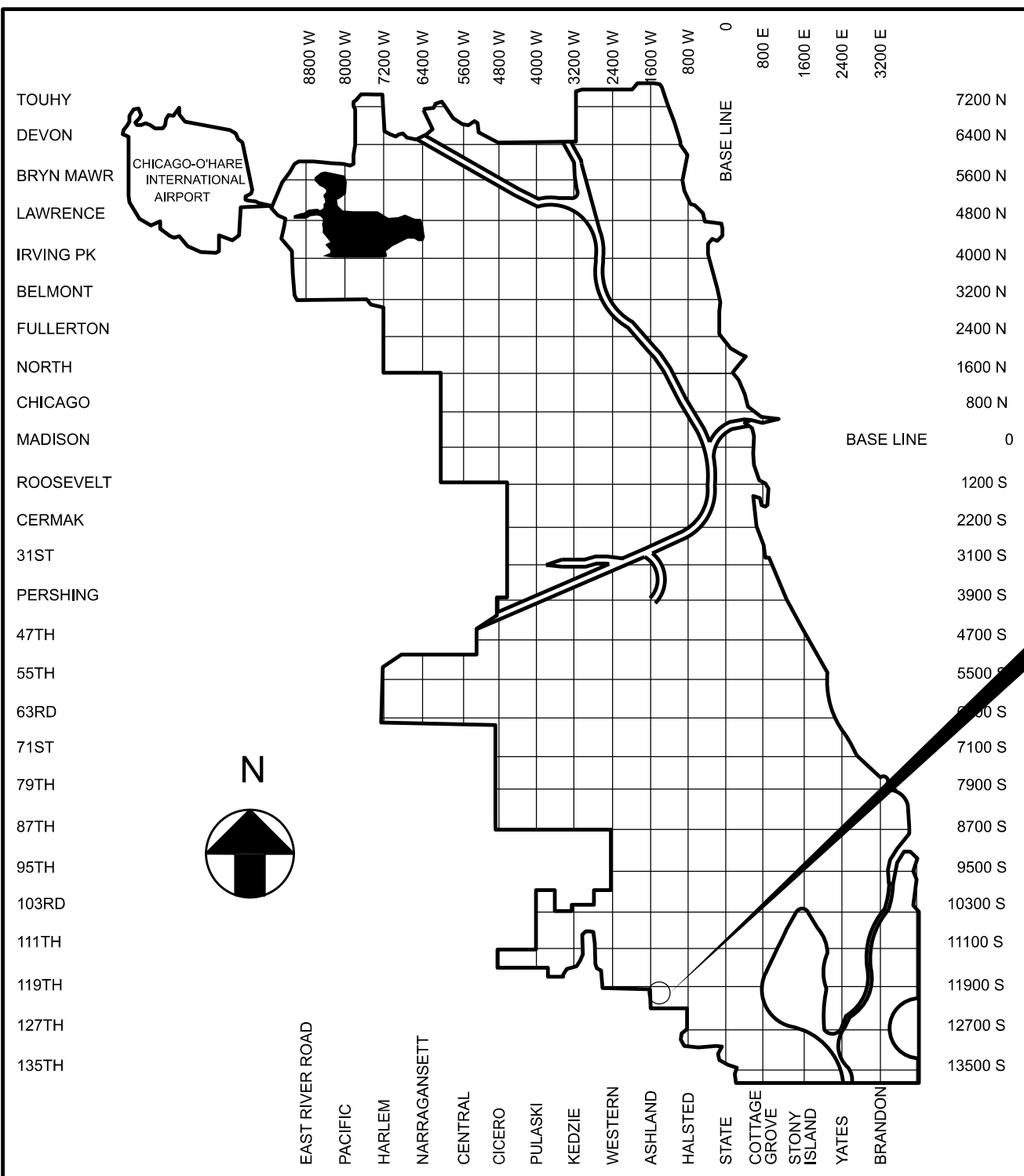
CONTRACT NO. C1617

WORKS PROGRESS ADMINISTRATION ("WPA") STREET RECONSTRUCTION (SOUTH LOOMIS STREET)
SOUTH LOOMIS STREET FROM WEST 121ST STREET TO WEST 120TH STREET
CHICAGO, IL 60643

PBC PROJECT NO.: 22307

C.D.O.T. PROJECT NO.: B-4-307

WARD 21



LOCATION MAP

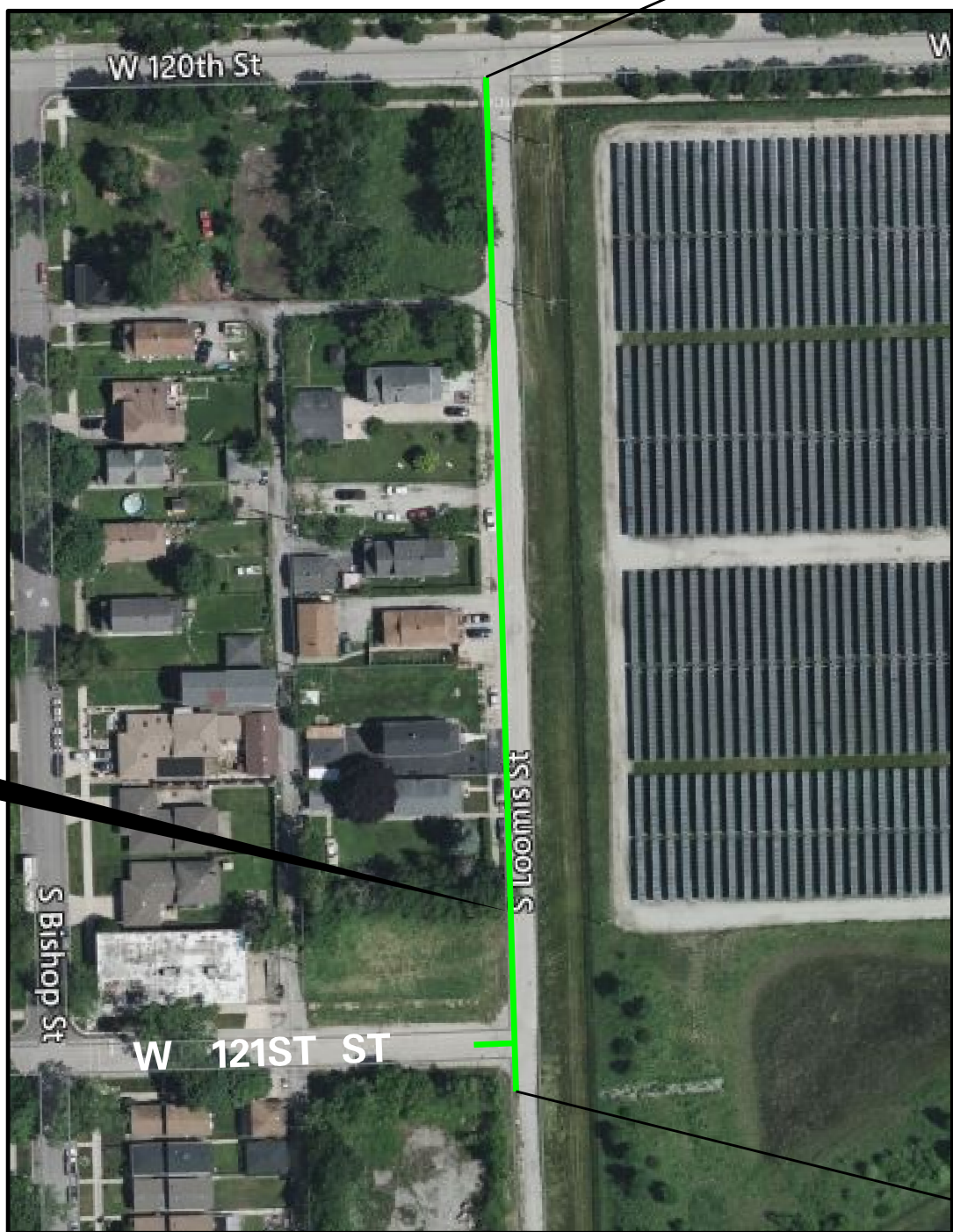
NOT TO SCALE

INDEX OF SHEETS

| SHEET | DESCRIPTION |
|-------|----------------------------------|
| 1 | TITLE SHEET |
| 2-3 | GENERAL NOTES |
| 4 | SUMMARY OF QUANTITIES |
| 5 | ALIGNMENT, TIES, AND BENCHMARKS |
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| 34-42 | CDWM SEWER DETAILS |
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| 48 | TREE PROTECTION DETAILS |
| 49 | TREE PLANTING DETAIL |



END IMPROVEMENT
S. LOOMIS STREET
STA 16+99.95



INDEX MAP

NOT TO SCALE

BEGIN IMPROVEMENT
S. LOOMIS STREET
STA 10+17.68

LENGTH OF IMPROVEMENT = 682.3 L.F. (0.13 MILES)

MODEL - Default
FILE NAME - 2313-a0016-03 CDOT 728719 WPA StreetsProject150 Design\CDOT2022\Uoomis 120th to 940' South\Sheets\22-Uoomis-sh-gennotes-01.dgn



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 JANUARY 1, 2022, AND THE IDOT SUPPLEMENTAL SPECIFICATIONS', ADOPTED JANUARY 1, 2024.
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 PBC / COMMISSIONER. NO WORK WILL BE PERMITTED TO PROCEED UNTIL THE PROPOSED SCHEDULE IS REVIEWED AND APPROVED BY THE PBC / COMMISSIONER.
8. THE CITY / PBC RESERVES 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 / PBC.
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 PBC AND 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 RECONSTRUCTION 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, THE PBC, 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 ORGINAL 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 PBC'S AND 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 AND THE PBC 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 SWEEP 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.

23. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE SSRBC AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AS REGARDS TO THE DISPOSAL OF EXCAVATED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING FOR THE PRESENCE OF CONTAMINATED SUBSTANCES PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. BASED ON THE RESULTS OF THE ENVIRONMENTAL TESTING, THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO LEGALLY DISPOSE OF ALL EXCAVATED MATERIALS. MATERIALS CLASSIFIED AS 'CLEAN CONSTRUCTION OR DEMOLITION DEBRIS' ('CDD') OR 'NON-HAZARDOUS NON-SPECIAL WASTE' AS PER IEPA CRITERIA, SHALL BE INCLUDED AND CONSIDERED INCIDENTAL TO THE INDIVIDUAL REMOVAL AND EXCAVATION ITEMS IN THE CONTRACT. A LICENSED PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR SHALL PREPARE AND EXECUTE ALL IEPA REQUIRED FORMS AND CERTIFICATIONS NECESSARY TO LEGALLY DISPOSE OF ALL EXCAVATED MATERIALS.
24. 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.

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 COMPLETE 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 SWEEP 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 AND THE PBC. THE COST OF ANY COORDINATION WITH THE POST OFFICE WILL BE CONSIDERED INCIDENTAL TO 'SIDEWALK REMOVAL'.
3. 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.

4. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON CHICAGO CITY DATUM WHICH IS 579.88 FEET ABOVE MEAN SEA LEVEL. 1935 ADJUSTMENT.
5. THE CONTRACTOR SHALL INFORM THE COMMISSIONER AND THE PBC 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.
6. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR THE WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLMENTAL SPECIFICATIONS FOR DETAILS.
7. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND A MAXIMUM HEIGHT OF 9 INCHES.
8. 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.
9. 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.
10. 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/HER WORK 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.
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@PEOPLEGASDELIVERY.COM, 4 WEEKS PRIOR TO THE START OF RESTORATION FOR PLANNING & SCHEDULING. ALL GAS FACILITIES ARE TO BE MAINTAINED.

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|---------|--------|--------------|-----------|
| | | | | |
| | | COOK | 49 | 2 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

UTILITY NOTES (CONT.)

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

ADA NOTES

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

LANDSCAPING NOTES

1. THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT TO REMOVE, PLANT, SPRAY, OR IN ANY WAY AFFECT THE GENERAL HEALTH OR STRUCTURE OF TREES IN THE PUBLIC WAY. THIS PERMIT MAY BE OBTAINED FROM THE DEPUTY COMMISSIONER OF CITY OF CHICAGO BUREAU OF FORESTRY.
2. TREES MUST BE TAGGED BY C.D.O.T. CONTACT JEFF BRINK AT (312) 744-7844.

DEPT. OF WATER MANAGEMENT NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS, AND THE USE OF HEAVY EQUIPMENT WITHIN THE LIMITS OF THE PROJECT.
2. IT IS THE RESPONSIBILITY OF THE UTILITY COMPANY/GOVERNMENT AGENCY AND ITS CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION STAGE. RECORDS FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT INCLUDE: EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, BENCH MONUMENT LOCATIONS, ORDINANCE GRADES, AGE OF SEWER, AND PIPE MATERIAL. COPIES OF SEWER RECORDS CAN BE OBTAINED ON PAYMENT TO THE DEPARTMENT OF BUILDINGS, SEWER UNIT, LOCATED AT CITY HALL, 121 N. LASALLE ST. ROOM 900, CHICAGO, IL 60602.
3. A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAIN CONNECTIONS, OR SEWER STRUCTURES, INCLUDING THE ADJUSTMENT OF SEWER 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.

- EXISTING CATCH BASIN LATERALS TO BE REUSED MUST BE RODDED AND FLUSHED IN THE PRESENCE OF THE DEPARTMENT OF WATER MANAGEMENT AND INSPECTOR. A NEW CONNECTION TO THE MAIN SEWER IS REQUIRED IF THE EXISTING CATCH BASIN LATERAL IS NOT APPROVED BY THE SEWER INSPECTOR.
10. WHEN A SEWER STRUCTURE IS ABANDONED, ALL PIPE OPENINGS MUST BE PLUGGED, STRUCTURES FILLED WITH TRENCH BACKFILL, LIDS AND FRAMES REMOVED, AND SURFACE RESTORED AS PER THE DEPARTMENT OF WATER MANAGEMENT STANDARDS AND SPECIFICATIONS.
11. WHEN DIRECTED BY THE COMMISSIONER, THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH THE DEPARTMENT OF WATER MANAGEMENT STANDARD FRAMES AND LIDS.
12. THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED SHOULD BE SALVAGED, AND THE CONTRACTOR MUST NOTIFY THE DEPARTMENT OF WATER MANAGEMENT FOR PICK UP.
13. IN ARTERIAL STREETS, PERFORATED LIDS MUST BE PLACED ON ALL SEWER STRUCTURES UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. IN RESIDENTIAL STREETS, MANHOLES MAY REQUIRE CLOSED LIDS. CONTRACTOR TO COORDINATE WITH THE DEPARTMENT OF WATER MANAGEMENT INSPECTOR.
14. DURING CONSTRUCTION OF THIS PROJECT, THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD AT ALL TIMES.
15. IF THE CONDITION OF EXISTING CATCH BASINS OR INLETS IS SUCH THAT THEIR ADJUSTMENT IS NOT FEASIBLE AT THE TIME OF CONSTRUCTION, THE CONTRACTOR MUST FURNISH AND INSTALL NEW CATCH BASINS OR INLETS AND THEIR APPURTENANCES AS DIRECTED BY THE COMMISSIONER AND WITH THE CONCURRENCE OF THE DEPARTMENT OF WATER MANAGEMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR 'CATCH BASINS, TYPE A, 4 FT DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)' OR FOR 'INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)'.
16. THE LOCATION OF PROPOSED WATER LINES, METER VAULTS, VALVES AND RPZ'S SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL MARK THE LAYOUT AND LOCATION OF THE WATER LINES, METER VAULTS, VALVES, AND RPZ'S FOR REVIEW BY COMMISSIONER PRIOR TO ANY EXCAVATION.
17. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PROPOSED WATER SERVICE CONNECTIONS PRIOR THE INSTALLATION OF THE IRRIGATION SYSTEM. THE CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT WILL PERFORM THE WATER SERVICE CONNECTION TO THE EXISTING WATER MAIN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND PAY THE ASSOCIATED FEES. ALL PERMIT FEES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
18. IN CASE OF DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, AND/OR BENCH MONUMENTS, THE CONTRACTOR MUST CONTACT THE DEPARTMENT OF BUILDINGS, SEWER UNIT, IMMEDIATELY AT PHONE NUMBER (312) 744-3351. THE CONTRACTOR MUST, AT HIS/ HER OWN COST, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES AND/OR BENCH MONUMENTS AS NECESSARY. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
19. FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS, OUTSIDE OF THE CENTRAL BUSINESS DISTRICT. FLOW RESTRICTORS MUST NOT BE INSTALLED IN CLOSE PROXIMITY TO VIADUCT AREAS, BUS STOPS, OR EMERGENCY ENTRANCES. FLOW RESTRICTORS ARE AVAILABLE FOR PICK-UP AT THE DWM'S CENTRAL DISTRICT, LOCATED AT 3901 S. ASHLAND AVENUE, BY CALLING (312) 747-1777, BETWEEN 7:00 AM - 3:00 PM, 48 HOURS IN ADVANCE.
20. AS-BUILT PLANS MUST BE SUBMITTED SOON AFTER WORK COMPLETION. FINAL PAYMENT WILL NOT BE MADE TO THE CONTRACTOR UNTIL THE SEWER UNIT OF THE DWM ACKNOWLEDGES RECEIPT OF "AS-BUILT PLANS".
21. IN CASE OF DAMAGE TO THE CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 747-7892 OR (312) 747-7893.
22. PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
23. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
24. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED IN THIS CONTRACT.
25. ANY EXISTING STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY.
26. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION UNTIL THE CITY ACCEPTS MAINTENANCE OF THE IMPROVED STREET.
27. FOR FULL DEPTH CONSTRUCTION OF THE STREET, ALL SEWER(S) IN THE PROJECT AREA WILL BE 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.

- CONTACT THE FORCE ACCOUNT CONSTRUCTION MANAGER AT FACM@CTRWATER.COM TWO (2) WEEKS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION DATE SUCH THAT A RESIDENT ENGINEER CAN BE ASSIGNED TO THIS PROJECT. FAILURE TO COMPLY WITH THIS REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
31. THE CONTRACTOR MUST SUBMIT TO THE DWM COPIES OF THE SHOP DRAWINGS FOR ALL MATERIALS TO BE USED. ALL MATERIALS MUST BE APPROVED BY THE DWM PRIOR TO STARTING CONSTRUCTION.
 32. THE CONTRACTOR MUST OBTAIN A "B-PERMIT" PRIOR TO CONSTRUCTION FROM THE CITY OF CHICAGO, DEPARTMENT OF BUILDINGS, PLUMBING PERMIT & PLAN SECTION, CITY HALL, 121 N LA SALLE STREET, ROOM 906.
 33. ALL VALVE OPERATIONS ARE TO BE COMPLETED BY THE DWM.
 34. IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, PERMITS MUST BE OBTAINED FROM THE CITY OF CHICAGO, DEPARTMENT OF BUILDINGS, PLUMBING PERMIT & PLAN SECTION CITY HALL, 121 N LA SALLE STREET, ROOM 906.
 35. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING-OUT ALL PROPOSED HORIZONTAL AND VERTICAL FACILITIES FOR THE DWM AS REQUIRED FOR CONSTRUCTION.
 36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS (INCLUDING A SEWER PERMIT FROM THE DEPARTMENT OF BUILDINGS SEWER SECTION), EXCAVATION/OSHA SHORING, BACKFILLING/COMPACTION, AND ALL RESTORATION TO CDOT STANDARDS AS REQUIRED FOR CONSTRUCTION PER THE DWM INVOLVEMENT LETTER FOR THIS PROJECT.
 37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER SERVICES AND FIRE PROTECTION DURING CONSTRUCTION.
 38. THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES.
 39. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL THE UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES.
 40. THE CONTRACTOR IS RESPONSIBLE FOR RESOLVING ANY UTILITY CONFLICTS, AND/OR VERIFYING THAT ANY UTILITY IN CONFLICT WITH THE PROPOSED WATER MAIN HAS BEEN RELOCATED.
 41. THE CONTRACTOR SHALL PROVIDE THE DWM WITH TWO COPIES OF A REDLINE MARKED-UP AS-BUILT DRAWING OF THE WATER MAIN INSTALLATION WITH ANY DESIGN CHANGES THAT HAVE BEEN MADE. THIS DRAWING SHALL NOTE EXACT LOCATIONS OF THE WATER MAINS, VALVES, FITTINGS, CONNECTIONS TO EXISTING WATER MAINS, SERVICES, AND ANY SPECIAL INSTALLATIONS. LOCATIONS SHALL BE REFERENCED TO STREET RIGHT-OF-WAYS, AND THE DEPTH OF COVER SHALL ALSO BE INDICATED. THE AS-BUILT SHALL BE SIGNED AND DATED BY THE CONTRACTOR'S PROJECT COORDINATOR, ALONG WITH THEIR CONTACT INFORMATION.
 42. NO WATER SERVICE CONNECTION OR TAPS CAN BE MADE UNTIL THE WATER MAIN HAS BEEN APPROVED BY THE DWM AND IS IN SERVICE. INDIVIDUAL WATER SERVICE TAP PERMITS MUST BE ISSUED BY THE DEPARTMENT OF BUILDINGS PLUMBING PERMIT AND PLAN DESK, AND METERS MUST BE INSTALLED PRIOR TO THE SERVICE CONNECTION BEING MADE BY THE DWM.
 43. LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
 44. THE CONTRACTOR MUST VERIFY THE LOCATION OF UNDERGROUND UTILITIES WITH THE UTILITY OWNERS PRIOR TO DOING ANY WORK IN THE VICINITY. THE CONTRACTOR MUST COMPLY WITH REQUIREMENTS OF UTILITY OWNERS REGARDING NOTICE OF WORK AND PROTECTION OF UTILITIES. THE CONTRACTOR MUST COMPLY WITH THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DAMAGE PREVENTION PROTOCOL CITY INFRASTRUCTURE DEPARTMENTS. ALL UTILITIES MUST BE NOTIFIED AT LEAST 48 HOURS BEFORE CONSTRUCTION. (CALL DIGGER 312-744-7000).
 45. TEST PITS MUST BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE DEPARTMENT MANAGER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
 46. IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND MUST REMAIN IN PLACE, THE CONTRACTOR MUST PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIFICATIONS OR AS DIRECTED BY THE COMMISSIONER.
 47. PROVIDE EROSION CONTROL IN ACCORDANCE WITH THE SPECIFICATIONS.
 48. FITTINGS AND THEIR LOCATIONS INDICATED ON THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR MUST COMPLETE THE INSTALLATION WITH THE NECESSARY FITTINGS DICTATED BY FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR DEVIATIONS FROM THE INDICATED FITTINGS.
 49. WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM IS CONSIDERED INCIDENTAL TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 50. WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE COMMISSIONER DUE TO FIELD CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE COMMISSIONER.
 51. THE CONTRACTOR MUST PROVIDE THRUST RESTRAINTS IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONTRACTOR MUST FURNISH AND INSTALL MECHANICAL JOINT THRUST RESTRAINT GLANDS AT ALL FITTINGS AND MECHANICAL JOINTS.
 52. ALL OPENINGS IN EXISTING WATER MAINS MUST BE PLUGGED OR CAPPED WITH DUCTILE IRON FITTINGS UNTIL THE MAIN IS ABANDONED.
 53. ALL VALVE BASINS MUST BE CONSTRUCTED OF PRE-CAST REINFORCED CONCRETE UNLESS DIRECTED OTHERWISE BY THE COMMISSIONER.
 54. NOTES INDICATING S.N.L., E.W.L., ETC., MEAN SOUTH OF THE NORTH PROPERTY LINE, EAST OF THE WEST PROPERTY LINE, ETC., AND ARE MEASURED FROM THE NEAREST STREET.
 55. HOUSE DRAINS ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR MUST LOCATE ALL HOUSE DRAINS WITHIN THE AREA OF EXCAVATION AND MAKE ADJUSTMENTS AND/OR REPAIRS.
 56. ABANDON EXISTING WATER MAINS IN ACCORDANCE WITH THE SPECIFICATIONS.

SUMMARY OF QUANTITIES

| ITEM NO. | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY |
|----------|---|-----------|----------------|
| 1 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 80 |
| 2 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 84 |
| 3 | TREE PROTECTION | EACH | 3 |
| 4 | ROOT PRUNING | FOOT | 0 |
| 5 | EARTH EXCAVATION | CU YD | 1678 |
| 6 | POROUS GRANULAR EMBANKMENT, SUBGRADE | CU YD | 148 |
| 7 | TRENCH BACKFILL | CU YD | 60 |
| 8 | TRENCH BACKFILL, WATERMAIN | CU YD | 350 |
| 9 | TOPSOIL FURNISH AND PLACE, 4-INCH | SQ YD | 514 |
| 10 | SHREDDED HARDWOOD BARK MULCH | SQ YD | 0 |
| 11 | SODDING, SALT TOLERANT | SQ YD | 514 |
| 12 | TREE PLANTING 2-1/2 INCH TO 3-INCH B&B | EACH | 14 |
| 13 | INLET FILTERS | EACH | 2 |
| 14 | SAND CUSHION, VARIABLE DEPTH | CU YD | 38 |
| 15 | SUBBASE GRANULAR MATERIAL, TYPE B, 6-INCH | CU YD | 309 |
| 16 | PORTLAND CEMENT CONCRETE BASE COURSE, 7-INCH | SQ YD | 1409 |
| 17 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 951 |
| 18 | LEVELING BINDER (HAND METHOD), N50 | TON | 2 |
| 19 | LEVELING BINDER (MACHINE METHOD), N50 1-1/2 INCH | TON | 118 |
| 20 | HOT-MIX ASPHALT SURFACE COURSE, IL-19, MIX "D", N50, 2 INCH | TON | 158 |
| 21 | BITUMINOUS COST ADJUSTMENT | CAL MONTH | 3 |
| 22 | PROTECTIVE COAT | SQ YD | 825 |
| 23 | PORTLAND CEMENT CONCRETE DRIVEWAY AND ALLEY PAVEMENTS, 8-INCH | SQ YD | 95 |
| 24 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 2723 |
| 25 | PORTLAND CEMENT CONCRETE ADA RAMP 5 INCH | SQ FT | 265 |
| 26 | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | SQ FT | 435 |
| 27 | PORTLAND CEMENT CONCRETE ADA RAMP 8 INCH | SQ FT | 50 |
| 28 | LINEAR DETECTABLE WARNING TILES (CAST IRON) | SQ FT | 36 |
| 29 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 0 |
| 30 | PAVEMENT REMOVAL | SQ YD | 1771 |
| 31 | CURB REMOVAL | FOOT | 36 |
| 32 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 93 |
| 33 | SIDEWALK REMOVAL | SQ FT | 3038 |
| 34 | SAW CUTTING PAVEMENT | FOOT | 108 |
| 35 | DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL (SPECIAL) | SQ YD | 175 |
| 36 | STORM SEWER, EXTRA STRENGTH VITRIFIED CLAY PIPE, TYPE 2, 8 INCH | FOOT | 6 |
| 37 | STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 8 INCH | FOOT | 0 |
| 38 | STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 18 INCH | FOOT | 36 |
| 39 | STORM SEWER, DUCTILE IRON PIPE, TYPE 2, 24 INCH | FOOT | 19 |
| 40 | SEWER CLEANING AND TELEVISING | FOOT | 2076 |
| 41 | DUCTILE IRON WATER MAIN TEE, 8"X8" | EACH | 2 |
| 42 | WATER MAIN INSTALLED IN OPEN CUT, 8 INCH | FOOT | 691 |
| 43 | DUCTILE IRON WATER MAIN REDUCER, 8"X6" | EACH | 0 |
| 44 | WATER VALVE, 8 INCH | EACH | 2 |
| 45 | DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND | EACH | 2 |

| ITEM NO. | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY |
|----------|--|-----------|----------------|
| 46 | DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND | EACH | 6 |
| 47 | WATER SERVICE LINE 3/4" | FOOT | 173 |
| 48 | WATER SERVICE LINE 1" | FOOT | 0 |
| 49 | REMOVE EXISTING FIRE HYDRANT | EACH | 2 |
| 50 | HYDRANT INSTALLATION | EACH | 2 |
| 51 | FIRE HYDRANTS (SPECIAL - FLUSHING HYDRANT) | EACH | 0 |
| 52 | REMOVE EXISTING VALVE AND VAULT | EACH | 2 |
| 53 | SERVICE CONTROL VALVE AND BUFFALO BOX | EACH | 5 |
| 54 | RESILIENT WEDGE VALVE 8" | EACH | 0 |
| 55 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO) | EACH | 2 |
| 56 | MANHOLES, TYPE B, 3'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO) | EACH | 1 |
| 57 | ADDITIONAL MASONRY | FOOT | 0 |
| 58 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO) | EACH | 2 |
| 59 | MANHOLES TO BE ADJUSTED | EACH | 0 |
| 60 | VALVE VAULTS TO BE ADJUSTED | EACH | 0 |
| 61 | REMOVING MANHOLES | EACH | 1 |
| 62 | REMOVING CATCH BASINS | EACH | 3 |
| 63 | CONCRETE CURB, TYPE B | FOOT | 264 |
| 64 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V12 | FOOT | 1414 |
| 65 | CONSTRUCTION SIGN | EACH | 2 |
| 66 | NON-SPECIAL WASTE DISPOSAL | CU YD | 1678 |
| 67 | SOIL DISPOSAL ANALYSIS | EACH | 1 |
| 68 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | L SUM | 1 |
| 69 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | L SUM | 1 |
| 70 | REGULATED SUBSTANCES MONITORING | CAL DAY | 20 |
| 71 | ENGINEER'S FIELD OFFICE | CAL MONTH | 3 |
| 72 | TRAFFIC CONTROL COMPLETE | L SUM | 1 |
| 73 | AGGREGATE FOR TEMPORARY ACCESS | TON | 56 |
| 74 | SIGN PANEL, TYPE 1, RETROREFLECTIVE | SQ FT | 28 |
| 75 | REMOVE AND SALVAGE SIGN PANEL | EACH | 5 |
| 76 | REMOVE AND SALVAGE SIGN PANEL AND POLE ASSEMBLY | EACH | 2 |
| 77 | SIGN SUPPORT POST, DIG METHOD | EACH | 3 |
| 78 | SIGN SUPPORT POST, DRILL METHOD | EACH | 0 |
| 79 | THERMOPLASTIC PAVEMENT MARKING, LINE 6 IN | FOOT | 0 |
| 80 | THERMOPLASTIC PAVEMENT MARKING, LINE 24 IN | FOOT | 80 |
| 81 | DRILL AND GROUT DOWEL AND TIE BARS | EACH | 756 |
| 82 | MAINTENANCE OF STREET LIGHTING SYSTEM | L SUM | 1 |
| 83 | CONDUIT IN TRENCH, GALVANIZED STEEL, 2" DIA. | FOOT | 0 |
| 84 | CONDUIT IN TRENCH, PVC (SCHEDULE 80), 2" DIA. | FOOT | 70 |
| 85 | CONDUIT, DIRECTIONAL BORED, COILABLE NONMETALLIC CONDUIT, SCHEDULE 80, 2" DIA. | FOOT | 762 |
| 86 | TRENCH AND BACKFILL WITH SCREENINGS | FOOT | 70 |
| 87 | INTERCEPT EXISTING CONDUIT | EACH | 0 |
| 88 | CONDUIT RISER ATTACHED TO POLE, 2" | EACH | 0 |
| 89 | HANDHOLE, ELECTRIC, WITH 24" FRAME AND COVER | EACH | 0 |
| 90 | CLEAN EXISTING CITY MANHOLE OR HANDHOLE | EACH | 1 |

| ITEM NO. | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY |
|----------|---|-------|----------------|
| 91 | DRILL EXISTING ELECTRIC HANDHOLE OR MANHOLE | EACH | 1 |
| 92 | ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6, 1-1/C NO. 8 GROUND | FOOT | 920 |
| 93 | RACK, SECONDARY AERIAL 3 WIRE | EACH | 3 |
| 94 | LUMINAIRE, LED, ACORN, ARTERIAL, RESIDENTIAL | EACH | 8 |
| 95 | LUMINAIRE, LED, COBRA HEAD, RESIDENTIAL | EACH | 8 |
| 96 | LUMINAIRE NODE, INTERNAL | EACH | 8 |
| 97 | CONTROLLER, STREET LIGHTING, POLE MOUNTED, CONSTANT POWER, 1-PHASE, 120/240V, 60A | EACH | 0 |
| 98 | LIGHT POLE, ALUMINUM, DAVIT, 18 FT. M.H., 8 FT DAVIT ARM | EACH | 8 |
| 99 | LIGHT POLE FOUNDATION, METAL, 10" BOLT CIRCLE, 8 5/8" X 5' | EACH | 9 |
| 100 | RELOCATE EXISTING LIGHTING UNIT | EACH | 1 |
| 101 | REMOVE EXISTING STREET LIGHTING EQUIPMENT | L SUM | 1 |
| 102 | BREAKDOWN CONCRETE FOUNDATION, LIGHT POLE | EACH | 4 |
| 103 | AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE | LN FT | 162 |

TREE PLANTING SCHEDULE

• SPRING PLANTING

| SYMBOL | NAME | COMMON NAME | QUANTITY |
|---|---------------------------|----------------|----------|
| <div><div><div>+</div></div><div>AE</div></div> | ULMUS CARPINIFOLIA MORTON | ACCOLADE ELM | 5 EACH |
| <div><div><div>+</div></div><div>RL</div></div> | TILIA AMERICANA | REDMOND LINDEN | 5 EACH |
| <div><div><div>+</div></div><div>MM</div></div> | ACER FREEMANII | MARMO MAPLE | 4 EACH |
| | | TOTALS | 14 EACH |

MODEL: D:\draft
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50_Design\CAD\2022\Uoomis_120th to 940'_South\Sheets\22-Uoomis-sth-sqa.dgn



USER NAME = mike.thon

DESIGNED - MJJ

REVISD -

PLOT SCALE = 10.000 ' / in.

CHECKED - JAC

REVISED -

PLOT DATE = 12/13/2024

DATE - 12/13/2024

ISSUED FOR BID - 12/17/2024

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

COOK

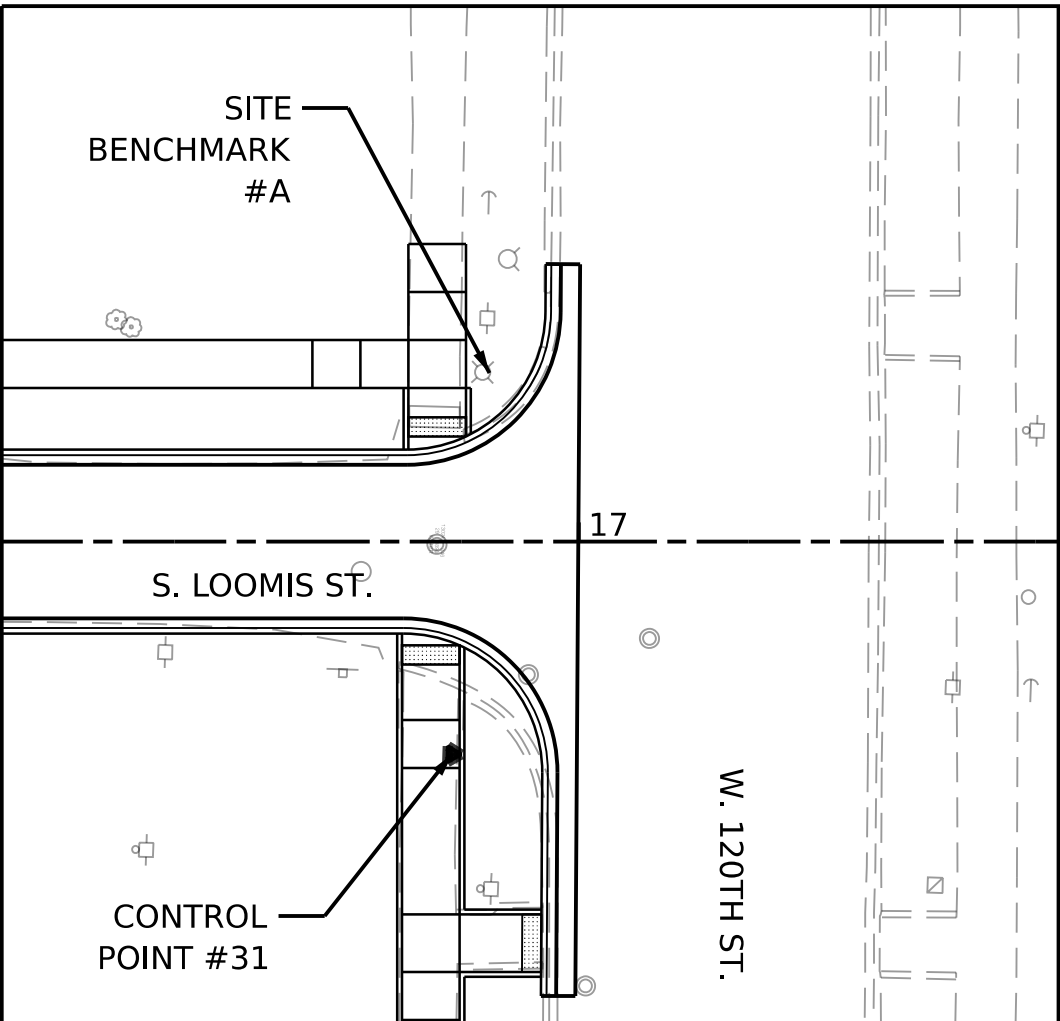
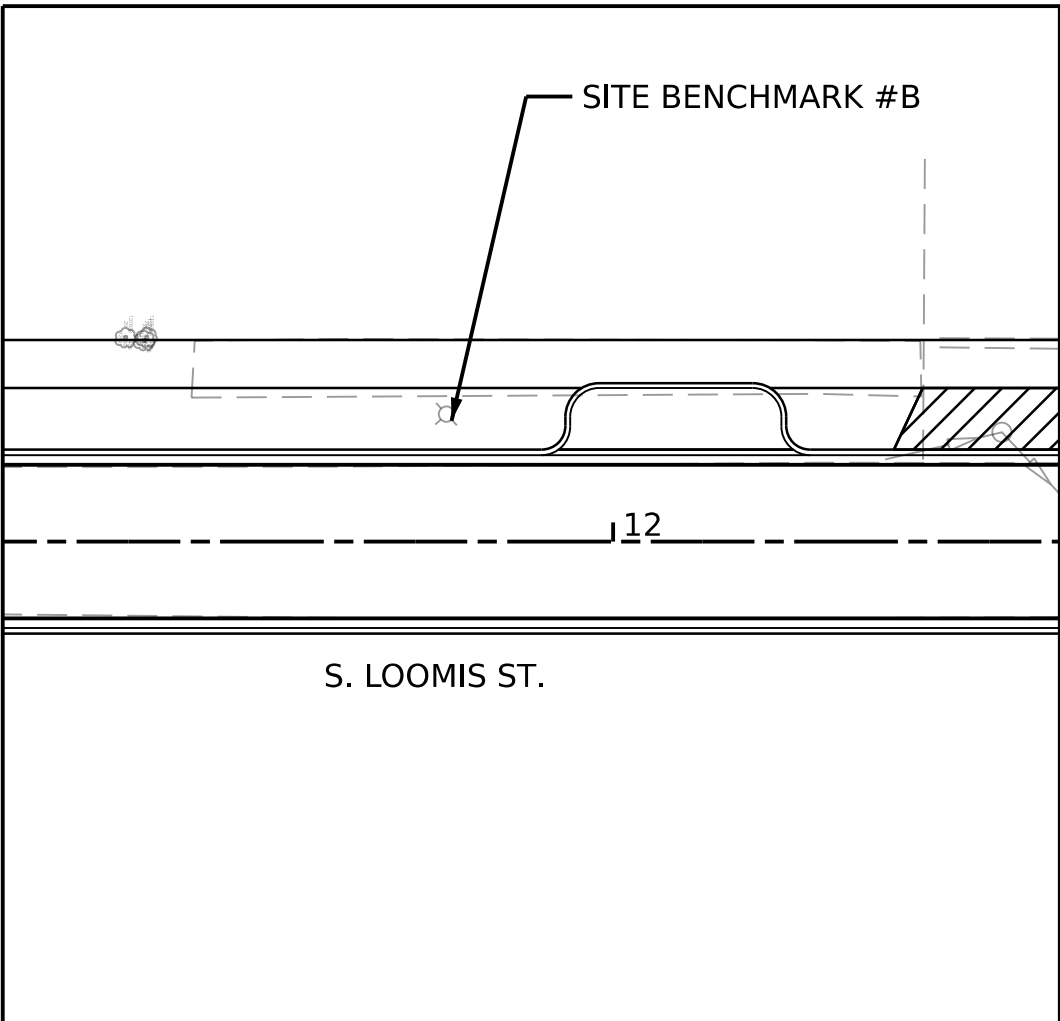
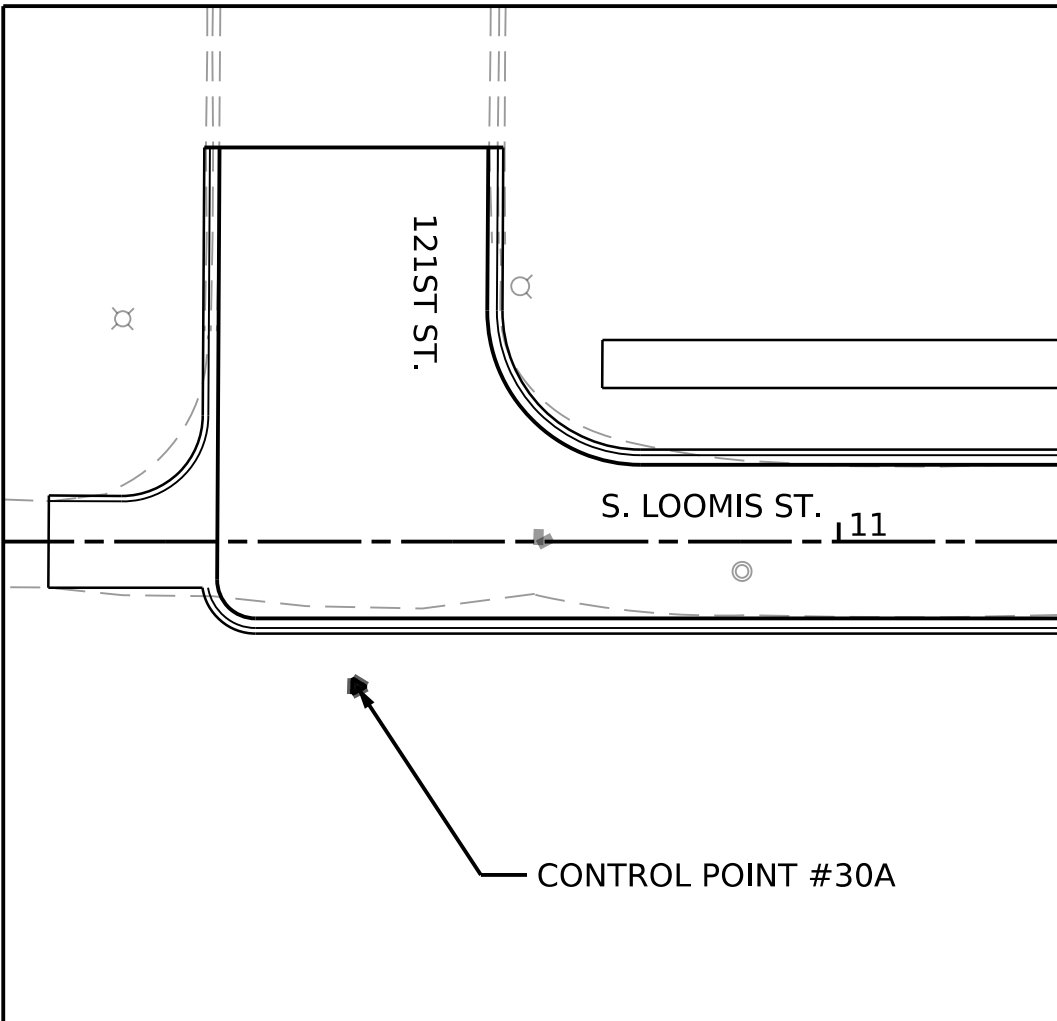
49

4

CONTRACT NO. C1617

ILLINOIS

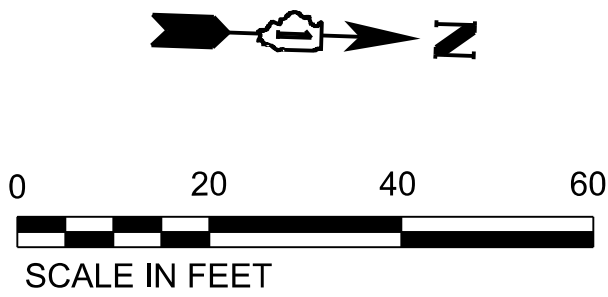
FED. AID PROJECT



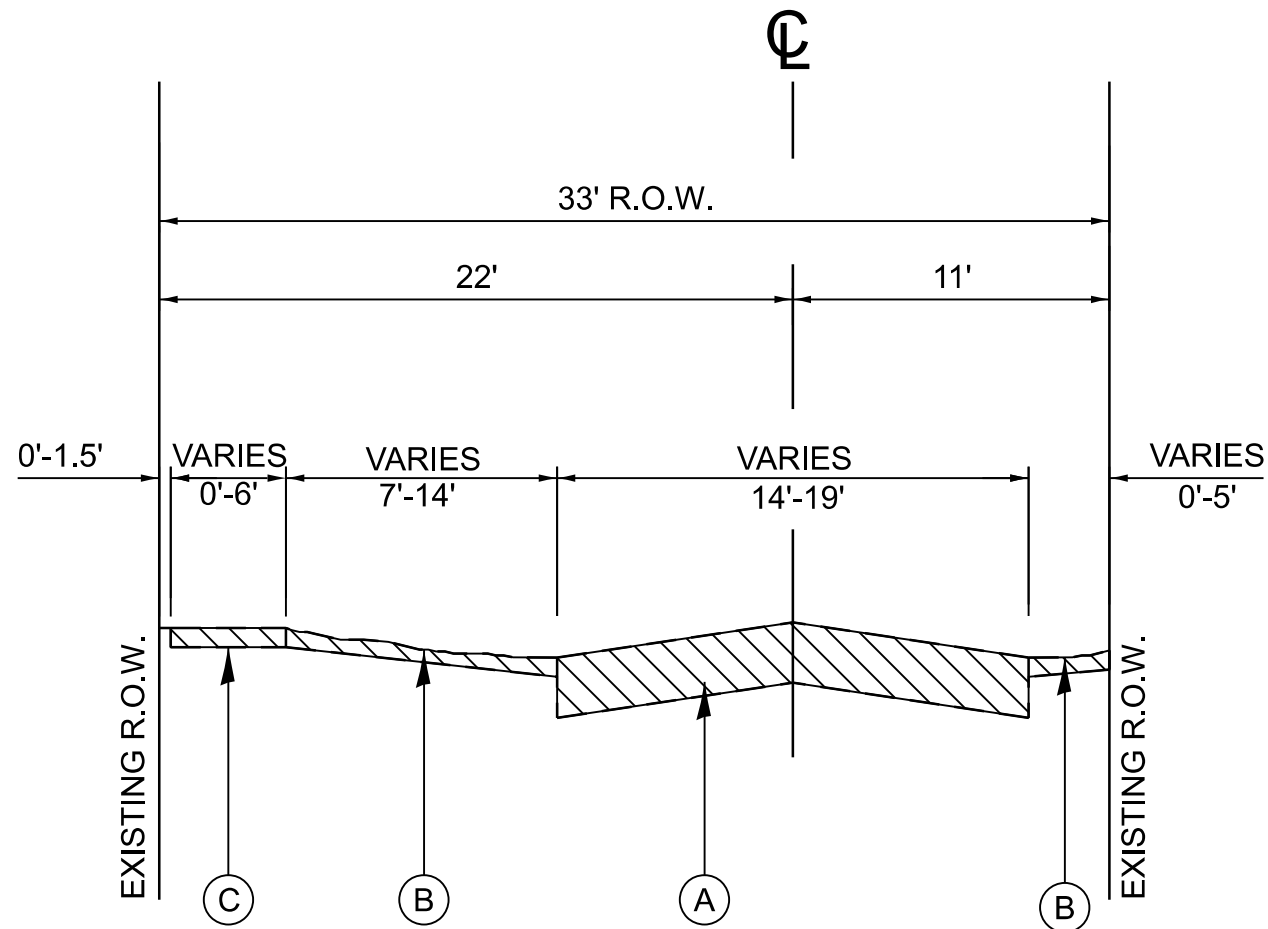
ALIGNMENT, TIES, AND BENCHMARKS S. LOOMIS ST.

| CONTROL POINT | DESCRIPTION | NORTHING | EASTING | ELEVATION | STATION | OFFSET |
|---------------------|---|-----------------|-----------------|-----------|----------|-----------|
| CITY BENCHMARK #591 | W. 120TH ST. AND S. JUSTINE ST. ABOUT 25.5 FT SOUTH OF THE SOUTH LINE OF W. 120TH ST. ABOUT 14.5 FT WEST OF THE EAST LINE OF S. JUSTINE ST. | SEE DESCRIPTION | SEE DESCRIPTION | 28.989 | SEE NOTE | SEE NOTE |
| BM #A | NE BOLT ON BASE OF STREET LIGHT CHISELED "+" ON TOP OF BOLT | NOT AVAILABLE | NOT AVAILABLE | 29.554 | 16+90.69 | 17.55' LT |
| BM #B | NE BOLT ON BASE OF STREET LIGHT 4' W. OF W. EDGE OF PAVEMENT 105' N. OF N. LINE OF W. 121ST ST. | NOT AVAILABLE | NOT AVAILABLE | 29.659 | 11+83.21 | 12.60' LT |
| CP #30A | DESCRIPTION UNCERTAIN | NOT AVAILABLE | NOT AVAILABLE | 29.864 | 10+49.80 | 15.08' RT |
| CP #31 | DESCRIPTION UNCERTAIN | NOT AVAILABLE | NOT AVAILABLE | 29.234 | 16+86.81 | 22.15' RT |

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



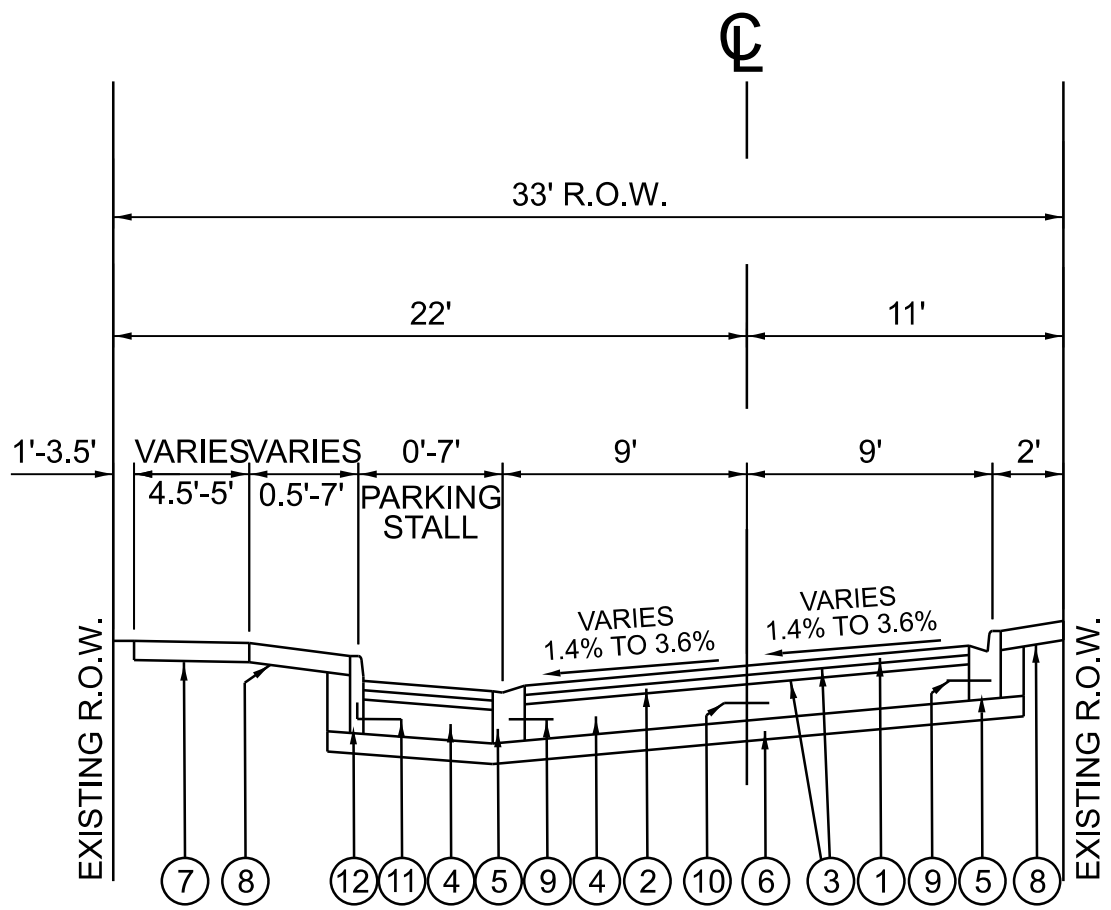
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FILE NAME: Z:\13-0016-03 CDOT 738719 WPA Streets\Project\50_Design\CDOT\2022\Loomis_120th to 940_South\Sheets\22-Loomis-sh-atb.dgn



EXISTING TYPICAL SECTION

S LOOMIS ST
STA. 10+35.26* TO 16+99.95
(NTS)

*DRIVEWAY IMPROVEMENT FROM
STA 10+17.68 TO STA 10+35.26



PROPOSED TYPICAL SECTION

S LOOMIS ST
STA. 10+35.26* TO 16+99.95
(NTS)

*DRIVEWAY IMPROVEMENT FROM
STA 10+17.68 TO STA 10+35.26

EXISTING LEGEND

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

REMOVAL LEGEND



PROPOSED LEGEND

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

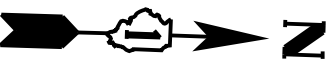
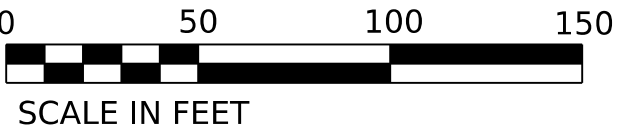
NOTES

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

MODEL: D:\default
FILE NAME: 21118-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\Loomis 120th to 940' South\Sheets\22-Loomis-st-typical_sections.dgn

| | | | | | | | | | | | | | |
|---|-----------------------------|--|-------------------|-----------------------------|---|------------------|---------|-------------|--------------------|---------|---------------------------|--------------|-----------|
|    | USER NAME = mike.thon | | DESIGNED - MJJ | REVISED - | CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - MGT | | REVISD - | REVISED - | | | | | | | COOK | 49 | 6 |
| | PLOT SCALE = 10.000 ' / in. | | CHECKED - JAC | REVISED - | | | | | CONTRACT NO. C1617 | | | | |
| | PLOT DATE = 12/13/2024 | | DATE - 12/13/2024 | ISSUED FOR BID - 12/17/2024 | | SCALE: | SHEET 1 | OF 1 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | |

MAINTENANCE OF TRAFFIC PLAN - STAGE 1

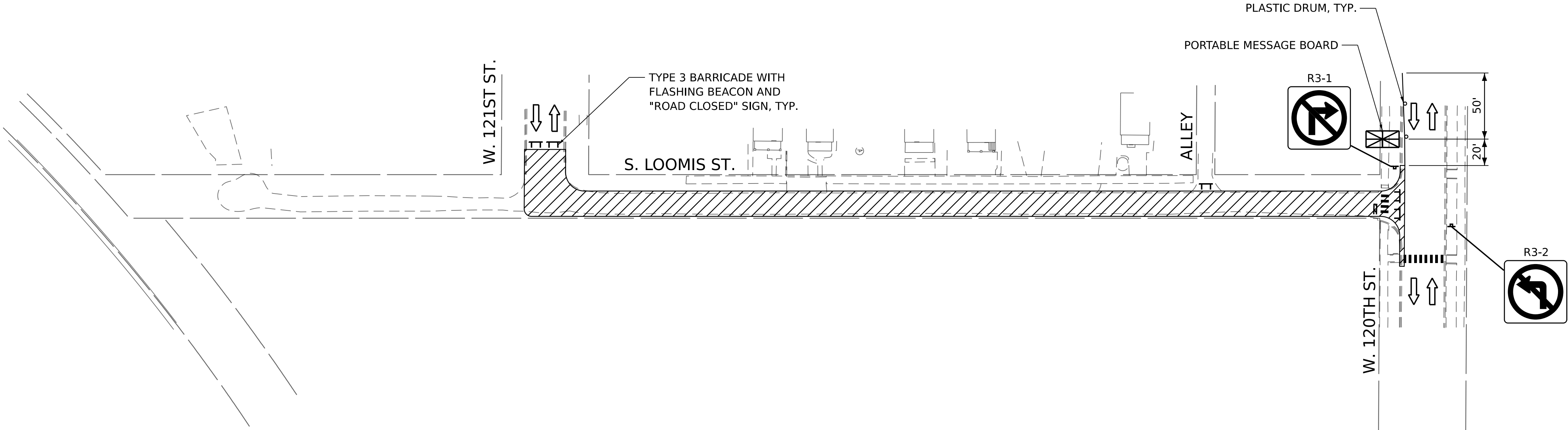


LEGEND

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

CDOT TO POST 24/7 NO PARKING SIGNS ON S LOOMIS ST, W 120TH ST, AND W 121ST ST IN THE VICINITY OF THE WORK ZONE AND TAPERS FOR THE DURATION OF THE CONSTRUCTION STAGE.

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



MODEL: Default
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50_Design\CDOT\2022\Loomis_120th to 940_South\Sheets\22-Loomis-sh-mat.dgn



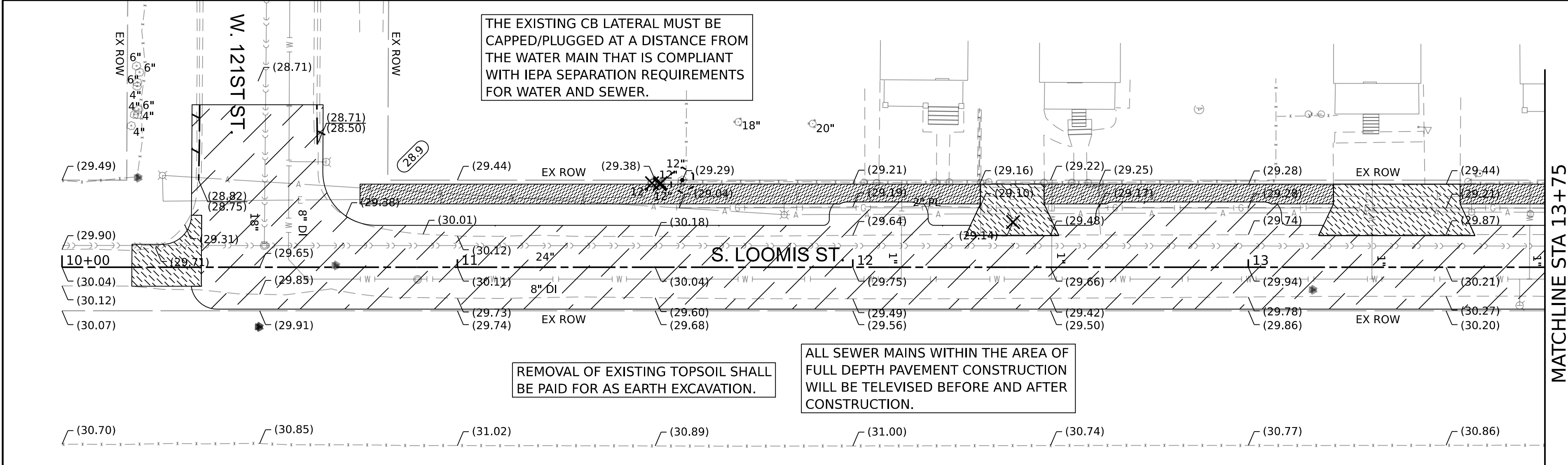
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|------------|-----------------|----------|--------------|----------------|--------------|
| USER NAME | = mike.thon | DESIGNED | - MJJ | REVISED | - |
| | | DRAWN | - MGT | REVISED | - |
| PLOT SCALE | = 49.998' / in. | CHECKED | - JAC | REVISED |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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|----------|------------------|-----------|
| | | COOK | 49 | 7 |
| CONTRACT NO. C1617 | | | | |
| | | ILLINOIS | FED. AID PROJECT | |

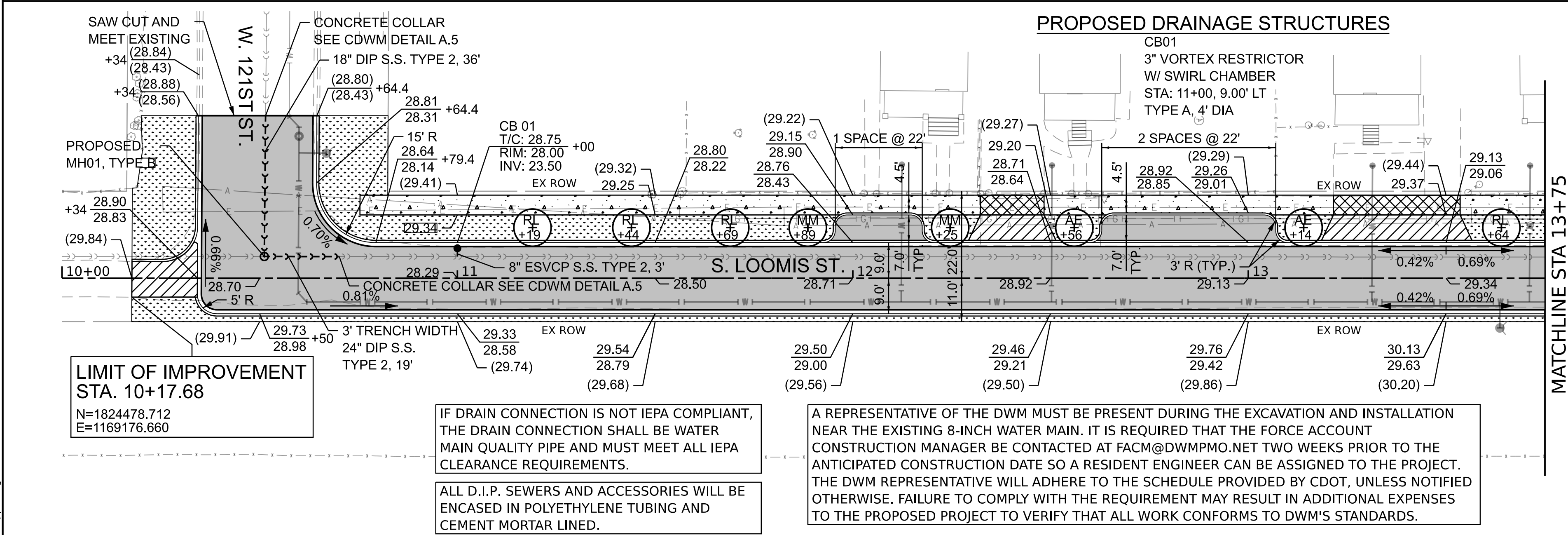


REMOVAL LEGEND

- PAVEMENT REMOVAL / EARTH EXCAVATION
- SIDEWALK REMOVAL
- DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL / CURB REMOVAL
- REMOVAL ITEMS
- TREE PROTECTION



EXISTING CONDITIONS

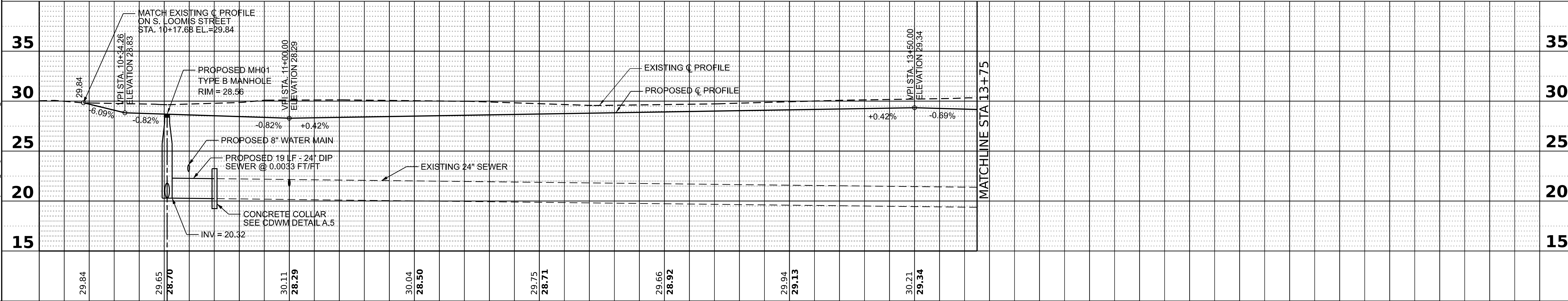


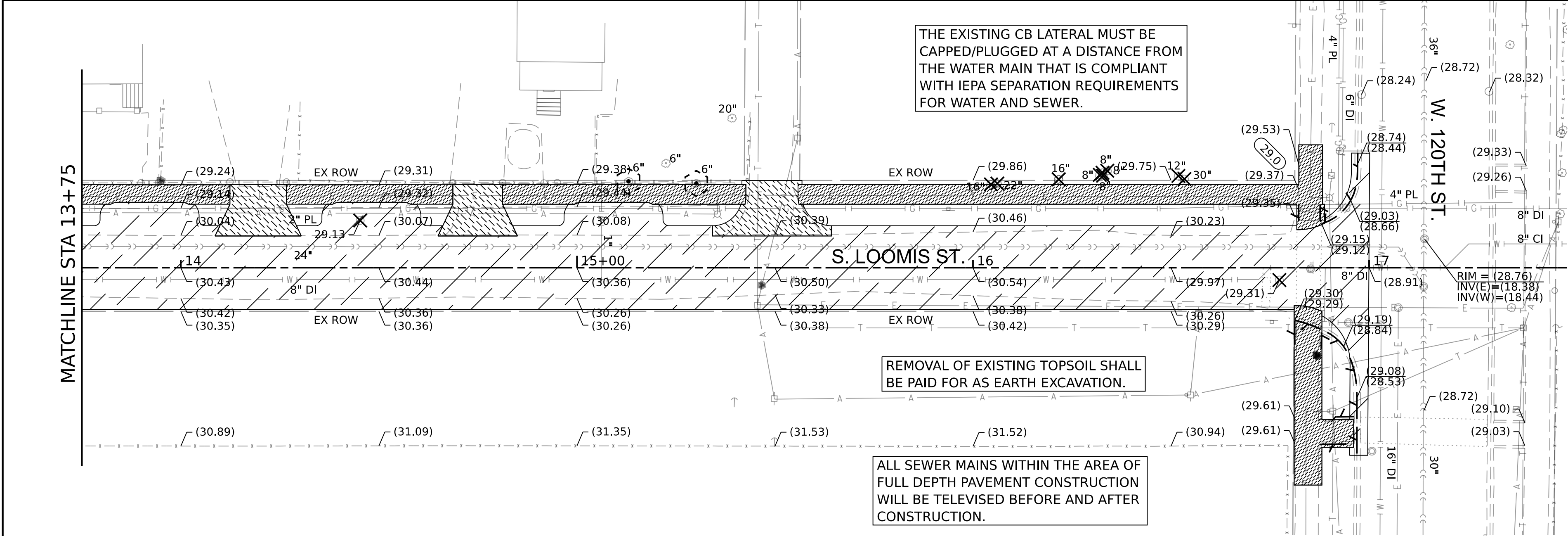
PROPOSED LEGEND

- 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
 - ROOT PRUNING
- TREE LEGEND**
AE = ACCOLADE ELM
MM = MARMO MAPLE
RL = REDMOND LINDEN
RP = ROOT PRUNING



PROPOSED IMPROVEMENTS

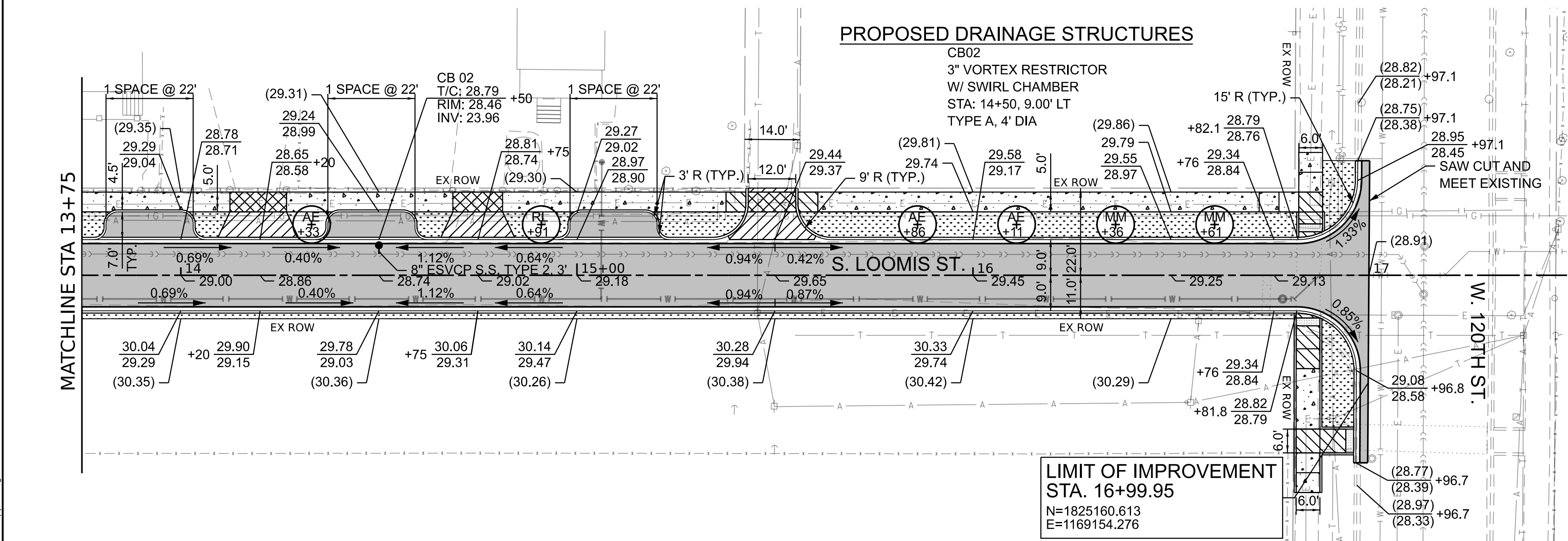




REMOVAL LEGEND

- PAVEMENT REMOVAL / EARTH EXCAVATION
- SIDEWALK REMOVAL
- DRIVEWAY AND ALLEY RETURN PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL / CURB REMOVAL
- REMOVAL ITEMS
- TREE PROTECTION

EXISTING CONDITIONS



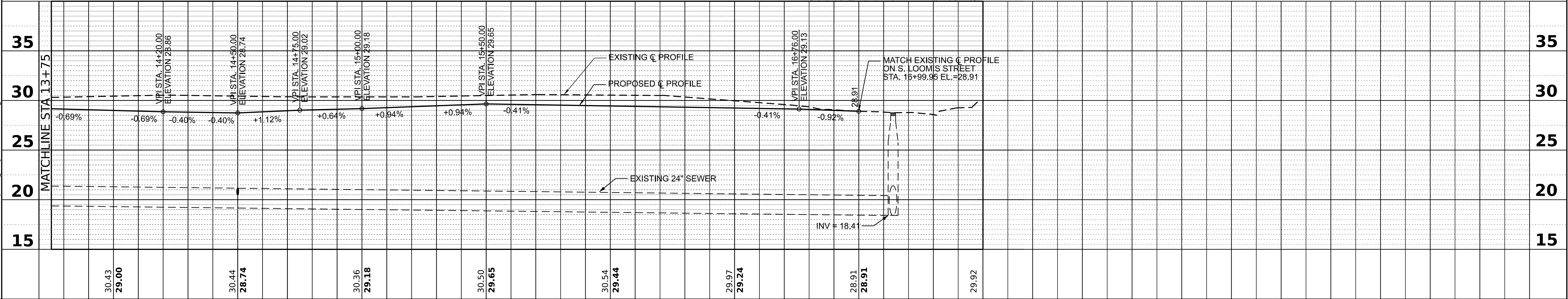
PROPOSED LEGEND

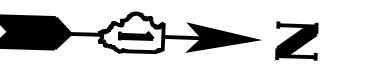
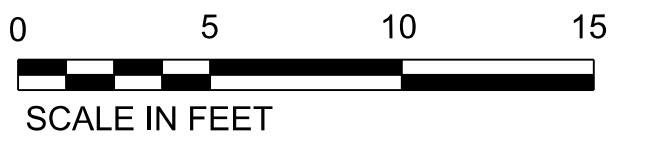
- PROPOSED PAVEMENT RECONSTRUCTION
- PROPOSED ADA RAMP
- TACTILE/DETECTABLE WARNING TILES
- PROPOSED SIDEWALK, 5 INCH
- PROPOSED SIDEWALK, 8 INCH
- PROPOSED DRIVEWAY AND ALLEY PAVEMENTS
- PROPOSED SODDING
- PROPOSED CURB AND GUTTER
- ROOT PRUNING

TREE LEGEND

- AE = ACCOLADE ELM
- MM = MARMO MAPLE
- RL = REDMOND LINDEN
- RP = ROOT PRUNING

PROPOSED IMPROVEMENTS





NOTES

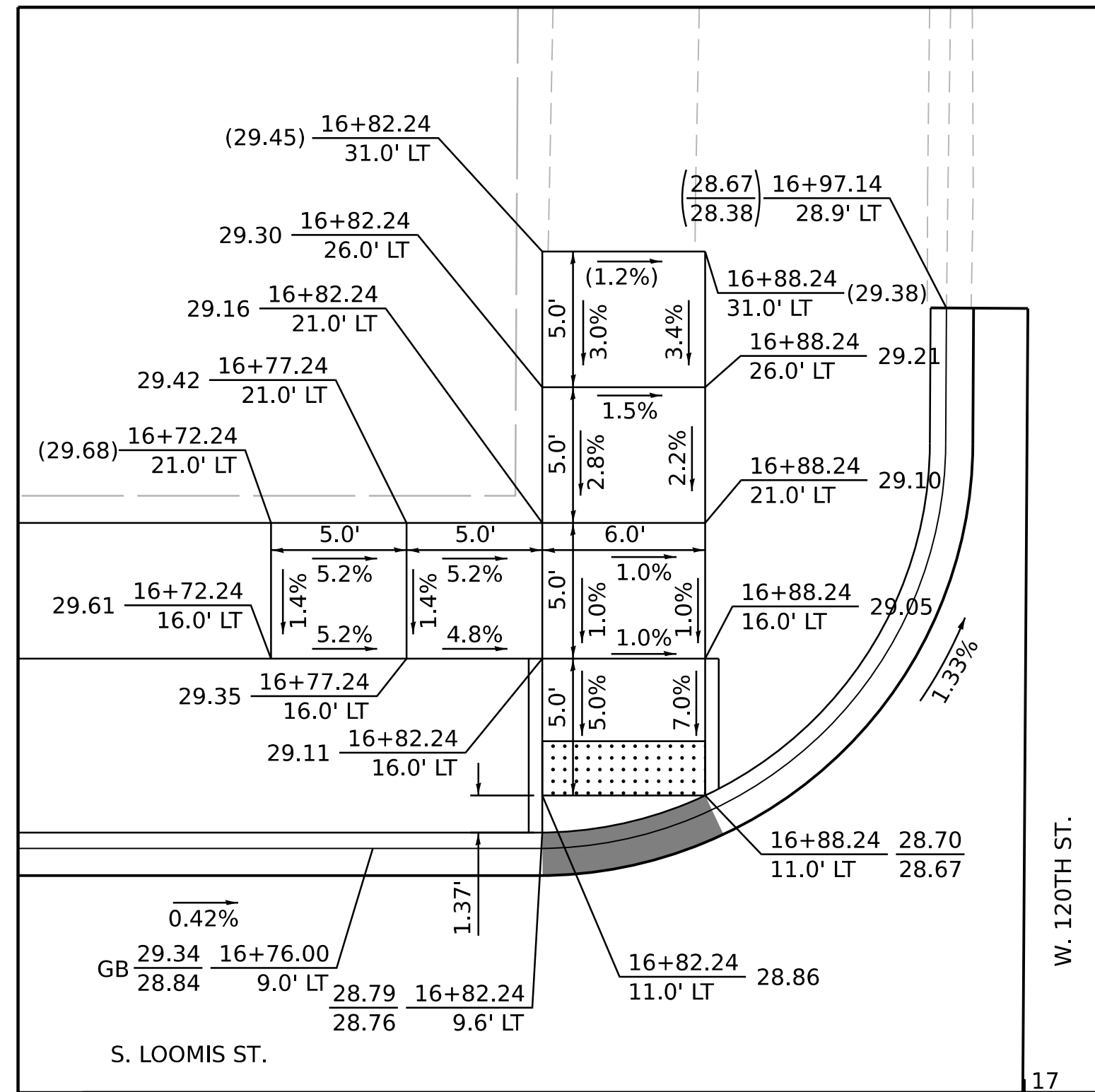
XX.XX - PROPOSED ELEVATION
(XX.XX) - EXISTING ELEVATION

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

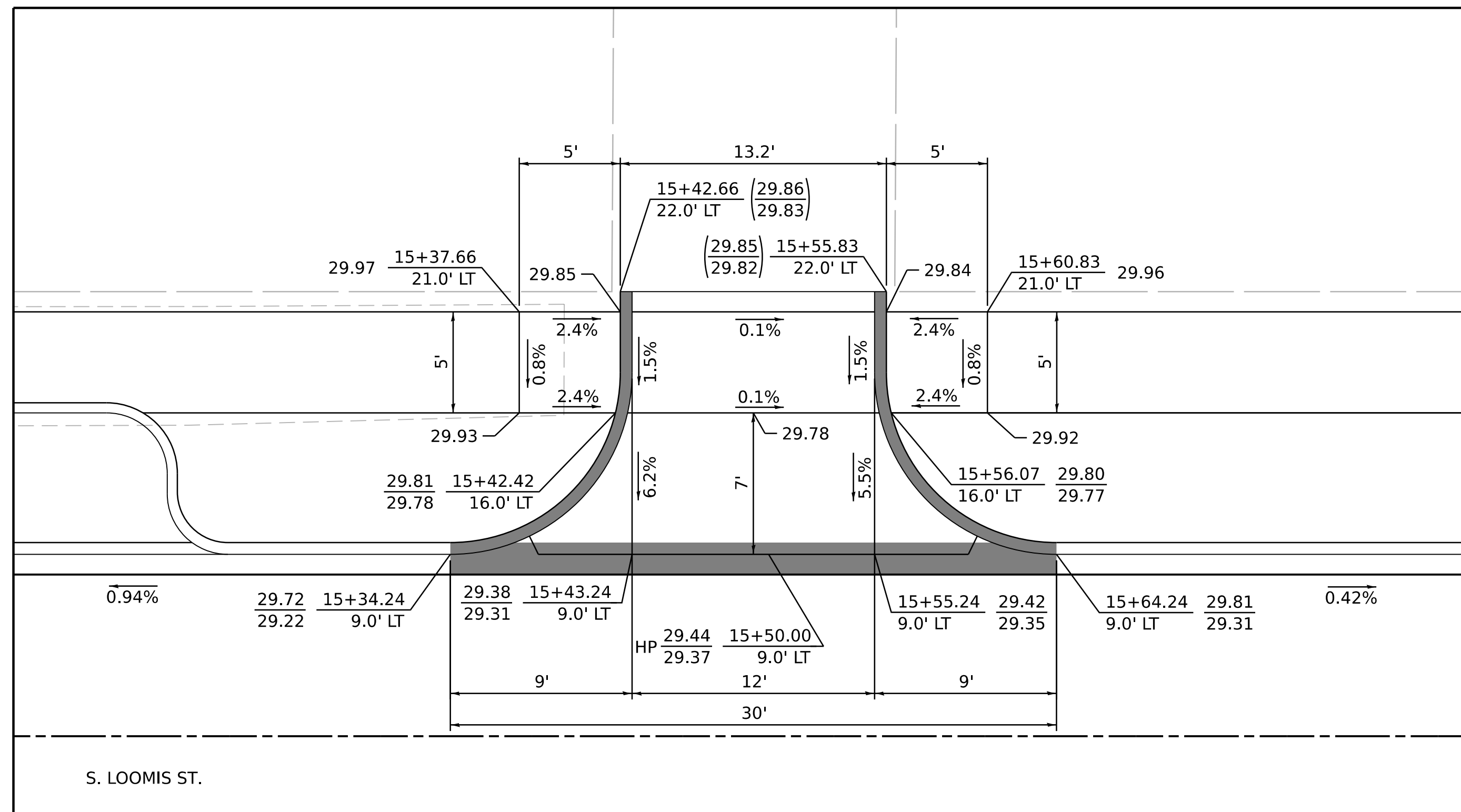
HP - HIGH POINT
GB - GRADE BREAK

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

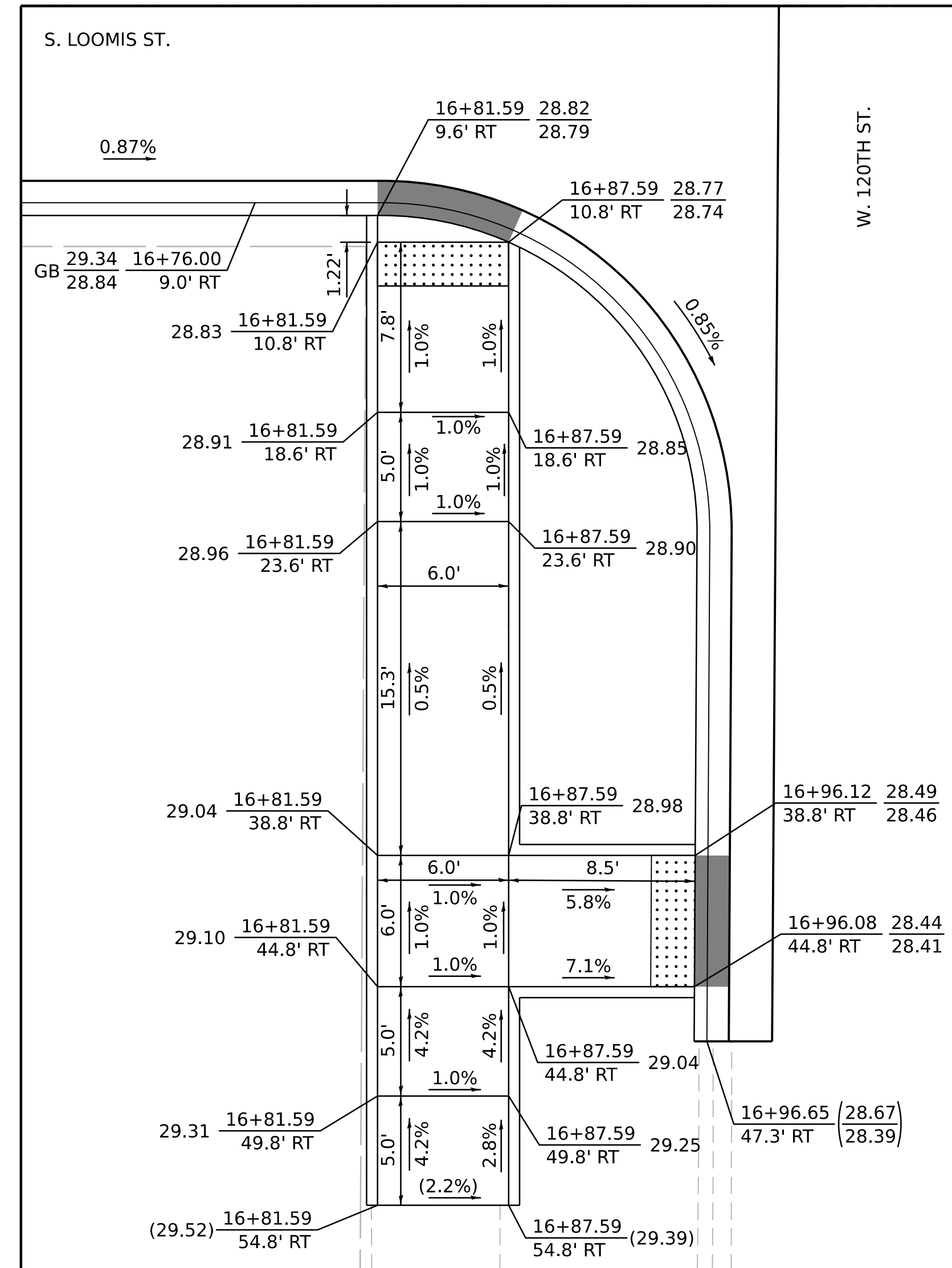
■ - DEPRESSED CURB



SW CORNER LOOMIS ST. & 120TH ST.



LOOMIS STREET - SOUTHBOUND
STA. 15+49.24



SE CORNER LOOMIS ST. & 120TH ST.



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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------|--------------------|--------------|-----------|
| | | COOK | 49 | 10 |
| | | CONTRACT NO. C1617 | | |
| ILLINOIS | | FED. AID PROJECT | | |

| PLAN | SURVEYED PLOTTED | BY | DATE |
|------------------|---|----|------|
| NOTE BOOK NO. | ALIGNMENT CHECKED STRUCTURE NOTATIONS CHKD | | |

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



NOTES:

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

* IN ORDER TO ACHIEVE THE IEPA COMPLIANCE OF 18" VERTICAL CLEARANCE FROM BOTTOM OF WATER SERVICE TO TOP OF SEWER, STANDARD DEPTH OF COVER CANNOT BE MET. WATER SERVICE MUST BE INSULATED IN PVC CASING 10-FT BEYOND THE OUTSIDE DIAMETER OF SEWER ON EITHER SIDE.

- SET: 1 - 8" MJ VALVE @ 23' S.N.L. OF W. 121ST ST. 14' W.W.L. OF S. LOOMIS ST.
- SET: 1 - FH ASSEMBLY @ 10' W.W.L. OF S. LOOMIS ST. 16' S.N.L. OF W. 121TH ST. 1 - 8"x8" TEE @ 10' W.W.L. OF S. LOOMIS ST. 23' S.N.L. OF W 121ST ST. 7' OF 8" D.I. WM FLANGE COLOR RED
- SET: 1 - 8" MJ $\frac{1}{8}$ BEND @ 8' W.E.L. OF S. LOOMIS ST. 23' S.N.L. OF W. 121ST ST. 1 - 8" MJ $\frac{1}{8}$ BEND @ 5' W.E.L. OF S. LOOMIS ST. 21' S.N.L. OF W. 121ST ST.
- SET: 1 - 8" $\frac{1}{2}$ VERTICAL BEND @ 18' N.N.L. OF W. 121ST ST. 6' W.E.L. OF S. LOOMIS ST.
- SET: 1 - 8" $\frac{1}{2}$ VERTICAL BEND @ 268' N.N.L. OF W. 121ST ST. 6' W.E.L. OF S. LOOMIS ST.
- SET: 1 - FH ASSEMBLY @ 2' E.E.L. OF S. LOOMIS ST. 281' N.N.L. OF W. 121TH ST. 1 - 8"x8" TEE @ 5' W.E.L. OF S. LOOMIS ST. 281' N.N.L. OF W 121ST ST. 7' OF 8" D.I. WM FLANGE COLOR RED
- SEE SHEET 12
- COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTION TO E/W WATERMAIN ON W. 121ST ST. AND N/S WATERMAIN ON S. LOOMIS ST.
- SEE SHEET 12

- AFTER DWM CREWS MAKE CONNECTION OF NOTE 9: FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM NORTHERN LIMIT OF IMPROVEMENT ON S. LOOMIS ST. TO W. 121ST ST. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. 121ST ST. AFTER THE NEW MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW MAIN.
- ONCE PR 8" WM IS APPROVED AND ALL IN USE WATER SERVICES HAVE BEEN TRANSFERRED - DWM CREWS TO CUT, CAP, AND BRACE EX. 8" WM TO THE WEST AND MAKE FINAL CONNECTION FOR PR. 8" WM TO EX. 8" WM @ 25' S.N.L. OF W 121ST ST. 19' W.W.L. OF S. LOOMIS ST. WITH:
1 - 8" MJ $\frac{1}{8}$ BEND
1 - 8" MJ $\frac{1}{8}$ BEND
ABANDON THE EXISTING 8" WATER MAIN TO THE EAST AND TO THE NORTH.
- COORDINATE WITH DWM TO HAVE VALVES CLOSED UNDER NOTE 8 OPENED.

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

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

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

PRIVATE DRAIN NOTE
INSTALL WATER MAIN UNDER PRIVATE DRAINS (PD) (AS PER D.W.M. APPROVAL). REPLACE THE PRIVATE DRAINS A MINIMUM OF 21' OF SEWER CENTERED AT EACH PRIVATE DRAIN CROSSING WITH D.I.P. PROVIDE 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.

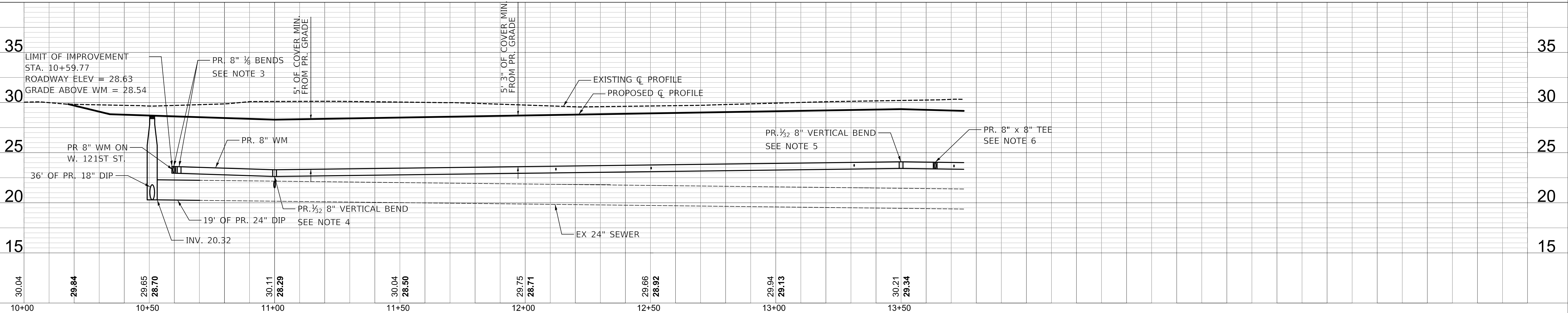
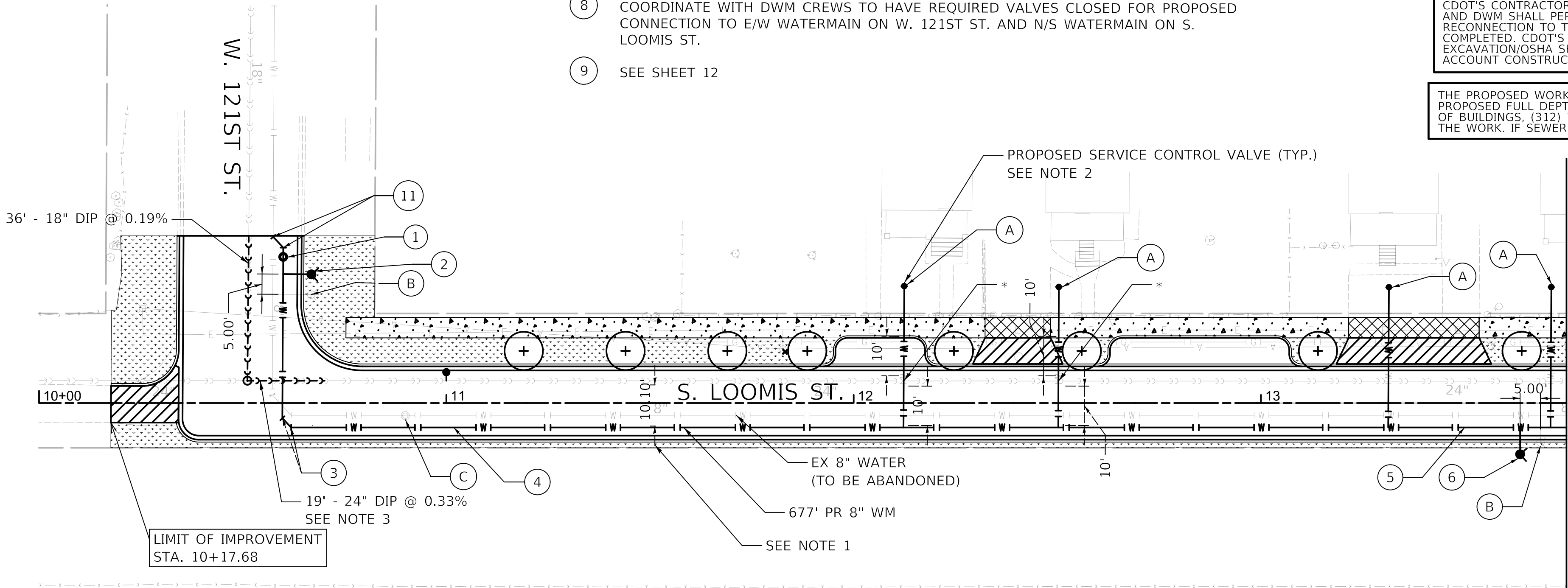
CDOT'S CONTRACTOR IS REQUIRED TO PROVIDE DWM AT LEAST 60-DAY ADVANCE WRITTEN NOTIFICATION PRIOR TO WATER MAIN AND LEAD SERVICE LINE REPLACEMENT (LSLR). CDOT'S CONTRACTOR SHALL INSTALL A NEW BUFFALO BOX (B-BOX) FOR EVERY LSLR. CDOT'S CONTRACTOR SHALL PERFORM THE PUBLIC SIDE (WATER MAIN TO B-BOX) LSLR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

THE PROPOSED WORK ENROACHES 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.

A REPRESENTATIVE OF THE DWM MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION NEAR THE EXISTING 8-INCH WATER MAIN. IT IS REQUIRED THAT THE FORCE ACCOUNT CONSTRUCTION MANAGER BE CONTACTED AT FACM@DWMPMO.NET TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A RESIDENT ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE DWM REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY CDOT, UNLESS NOTIFIED OTHERWISE. FAILURE TO COMPLY WITH THE REQUIREMENT MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.

- (A) REPLACE EXISTING SERVICE AND BUFFALO BOX AS SHOWN. ONCE THE PR 8" D.I.W.M IS APPROVED, TRANSFER ALL SERVICES, 2" AND SMALLER, TO THE NEW WATER MAIN
5 - TAP TO NEW MAIN
5 - SERVICE CONTROL VALVES (BUFFALO BOX) 173' - 3/4" TYPE K COPPER
- (B) AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, REMOVE THE OLD FIRE HYDRANT AND DELIVER IT TO THE DISTRICT YARD.
(2 FIRE HYDRANTS)
- (C) 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.
(2 VALVE BASINS)

MATCHLINE STA. 13+75



MODEL: S:\MODEL\NAME'S
FILE NAME: ...Loomis St122-Loomis-wm.shd101

| | | | | | | | | | | | | | | |
|---|------------------------------|----------------|-----------|---|---|--|--|--|---------------------|--------------------------|--------------|-----------------|------------------|--|
|    | USER NAME = untitled | DESIGNED - WAM | REVISED - | CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION | S. LOOMIS STREET WATER MAIN PLAN & PROFILE | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 20.0000 ' / in. | CHECKED - WAM | REVISED - | | | | | | | | | 49 | 11 | |
| | PLOT DATE = 12/13/2024 | DRAWN - TKL | REVISED - | | SCALE: 1" = 20' | | | | SHEET 1 OF 2 SHEETS | STA. 10+00 TO STA. 13+75 | CONTRACT NO. | | | |
| | | | | | | | | | | ILLINOIS | | | FED. AID PROJECT | |

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

| PROFILE | SURVEYED | DATE |
|-----------|---------------------------|------|
| NOTE BOOK | GRADES CHECKED | BY |
| NO. | STRUCTURE NOTATIONS CHK'D | |



NOTES:

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

① SEE SHEET 11

② SEE SHEET 11

③ SEE SHEET 11

④ SEE SHEET 11

⑤ SEE SHEET 11

⑥ SEE SHEET 11

⑦ SET: 1 - 8" MJ VALVE @ 3' S.S.L. OF W. 120ST ST. 5' W.E.L. OF S. LOOMIS ST.

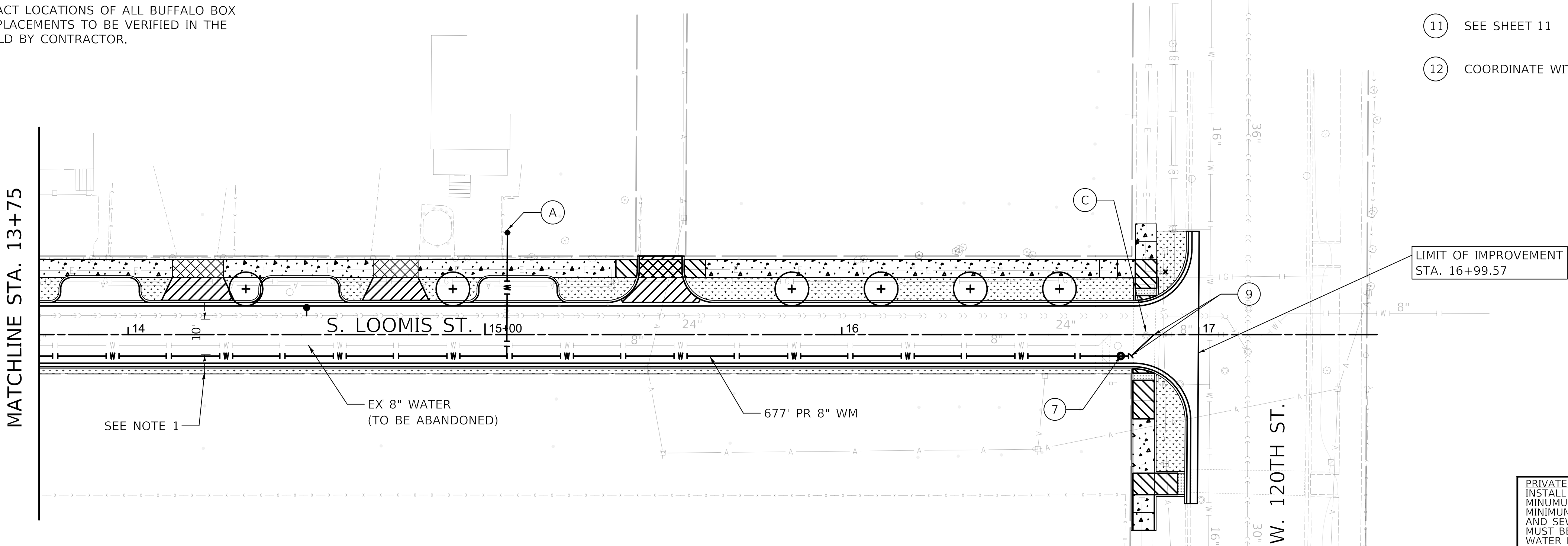
⑧ COORDINATE WITH DWM CREWS TO HAVE REQUIRED VALVES CLOSED FOR PROPOSED CONNECTION TO E/W WATERMAIN ON W. 121ST ST. AND N/S WATERMAIN ON S. LOOMIS ST.

⑨ DWM CREWS TO CUT, CAP AND BRACE EX. 8" WM TO THE SOUTH AND CONNECT PR 8" WM @ 11' W.E.L. OF S. LOOMIS ST. AND 6' N.S.L. OF W 120TH ST.
1 - 8" MJ ½ BEND
1 - 8" MJ ½ BEND

⑩ AFTER DWM CREWS MAKE CONNECTION OF NOTE 9: FLUSH AND PRESSURE TEST THE NEW WATER MAIN FROM NORTHERN LIMIT OF IMPROVEMENT FROM S. LOOMIS ST. TO W. 121ST ST. CHLORINATE THE NEW WATER MAIN. AFTER PRESSURE TESTING AND CHLORINATION, PREPARE FOR DWM CREWS TO COMPLETE FINAL CONNECTIONS TO EXISTING WATER MAIN IN S. 121ST ST. AFTER THE NEW MAIN IS APPROVED, TRANSFER ALL IN USE WATER SERVICES TO THE NEW MAIN.

⑪ SEE SHEET 11

⑫ COORDINATE WITH DWM TO HAVE VALVES CLOSED UNDER NOTE 8 OPENED.



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

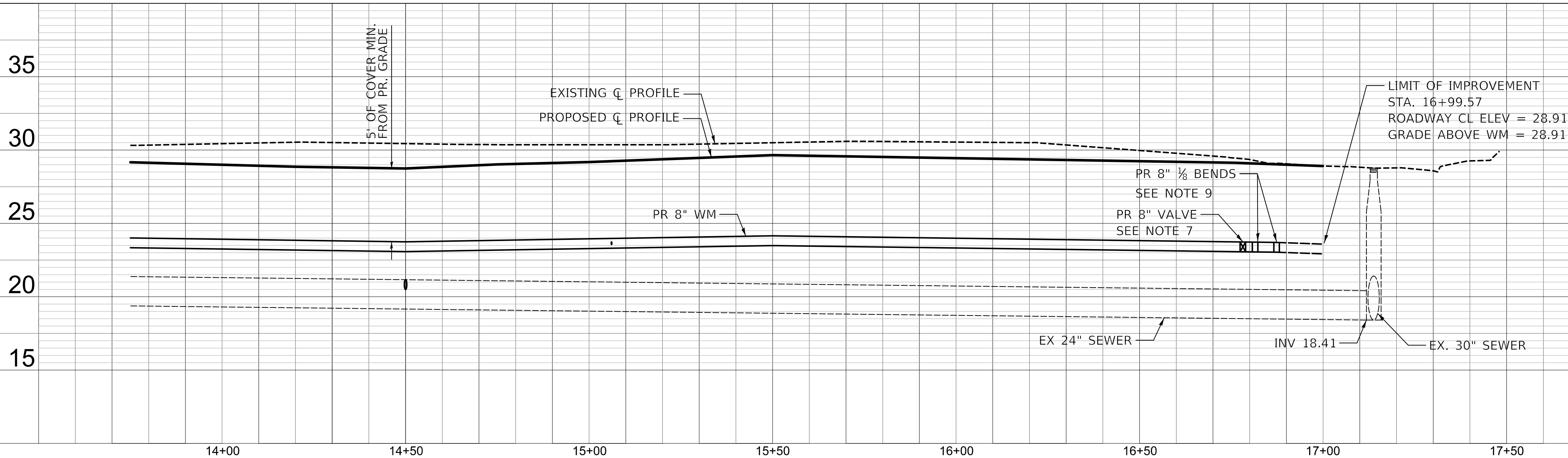
PLANS MUST BE FOLLOWED WITHOUT EXCEPTION. CITY OF CHICAGO D.W.M. B.E.S. APPROVAL REQUIRED PRIOR TO ANY PROPOSED DEVIATIONS FROM THE PLANS.

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

PRIVATE DRAIN NOTE
INSTALL WATER MAIN UNDER PRIVATE DRAINS (PD) (AS PER D.W.M APPROVAL). REPLACE THE PRIVATE DRAINS A MINIMUM OF 21' OF SEWER CENTERED AT EACH PRIVATE DRAIN CROSSING WITH D.I.P. PROVIDE 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 IS REQUIRED TO PROVIDE DWM AT LEAST 60-DAY ADVANCE WRITTEN NOTIFICATION PRIOR TO WATER MAIN AND LEAD SERVICE LINE REPLACEMENT (LSLR). CDOT'S CONTRACTOR SHALL INSTALL A NEW BUFFALO BOX (B-BOX) FOR EVERY LSLR. CDOT'S CONTRACTOR SHALL PERFORM THE PUBLIC SIDE (WATER MAIN TO B-BOX) LSLR AND DWM SHALL PERFORM THE PRIVATE SIDE (B-BOX TO INSIDE OF THE PROPERTY) LSLR. B-BOX AND WATER SERVICE TAP LOCATION WILL REQUIRE DWM APPROVAL PRIOR TO RECONNECTION TO THE WATER MAIN. THE WATER MAIN SHALL BE INSTALLED PRIOR TO LSLR. FINAL CONNECTION CANNOT BE PERFORMED UNTIL ALL PRIVATE SIDE LSLR IS COMPLETED. CDOT'S CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS FOR THIS WATER SERVICE INSTALLATION, TRACING EQUIPMENT, EXCAVATION/OSHA SHORING, TRAFFIC CONTROL, AND FINAL RESTORATION TO CDOT STANDARDS. ALL DWM REQUIREMENTS MUST BE FOLLOWED. PLEASE CONTACT THE FORCE ACCOUNT CONSTRUCTION MANAGER AT FACM@DWMFMO.NET FOR SCHEDULING AND COORDINATION OF THE PROPOSED WORK.

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



CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

S. LOOMIS STREET
WATER MAIN PLAN & PROFILE

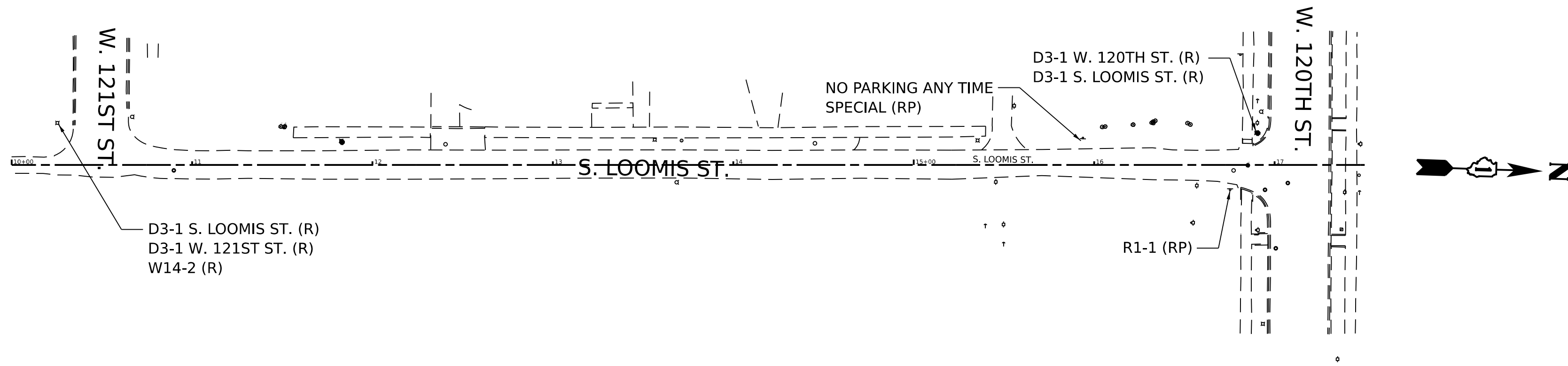
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 13+75 TO STA. 17+00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | | 49 | 12 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

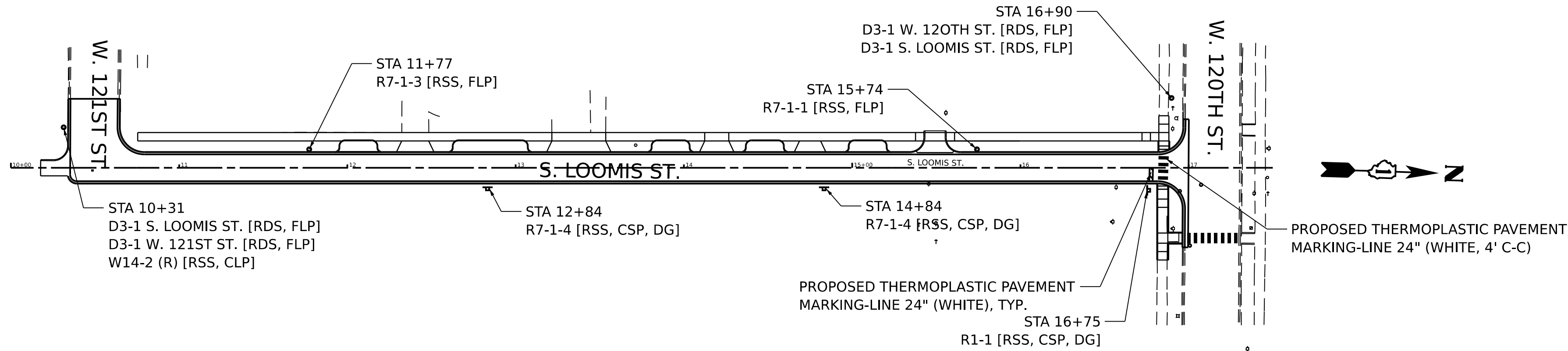
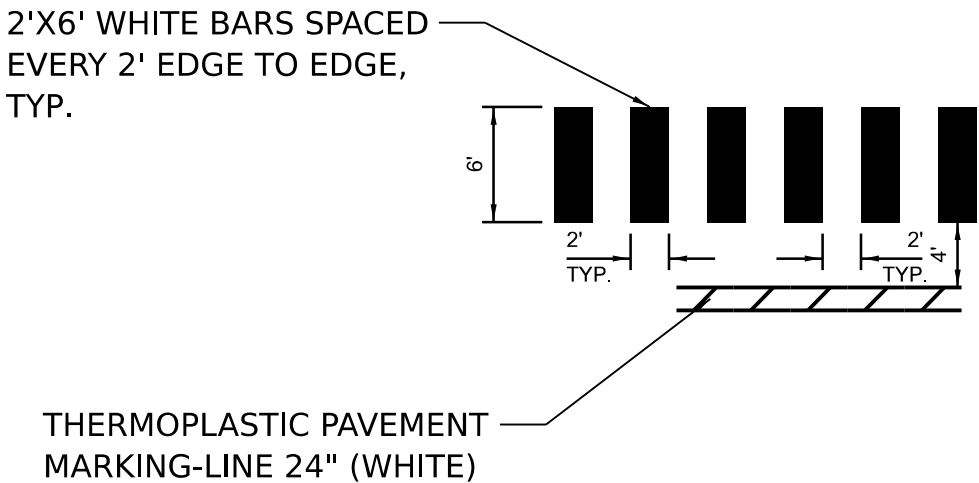
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FILE NAME: ...Loomis St122-Loomis-wm.shx102



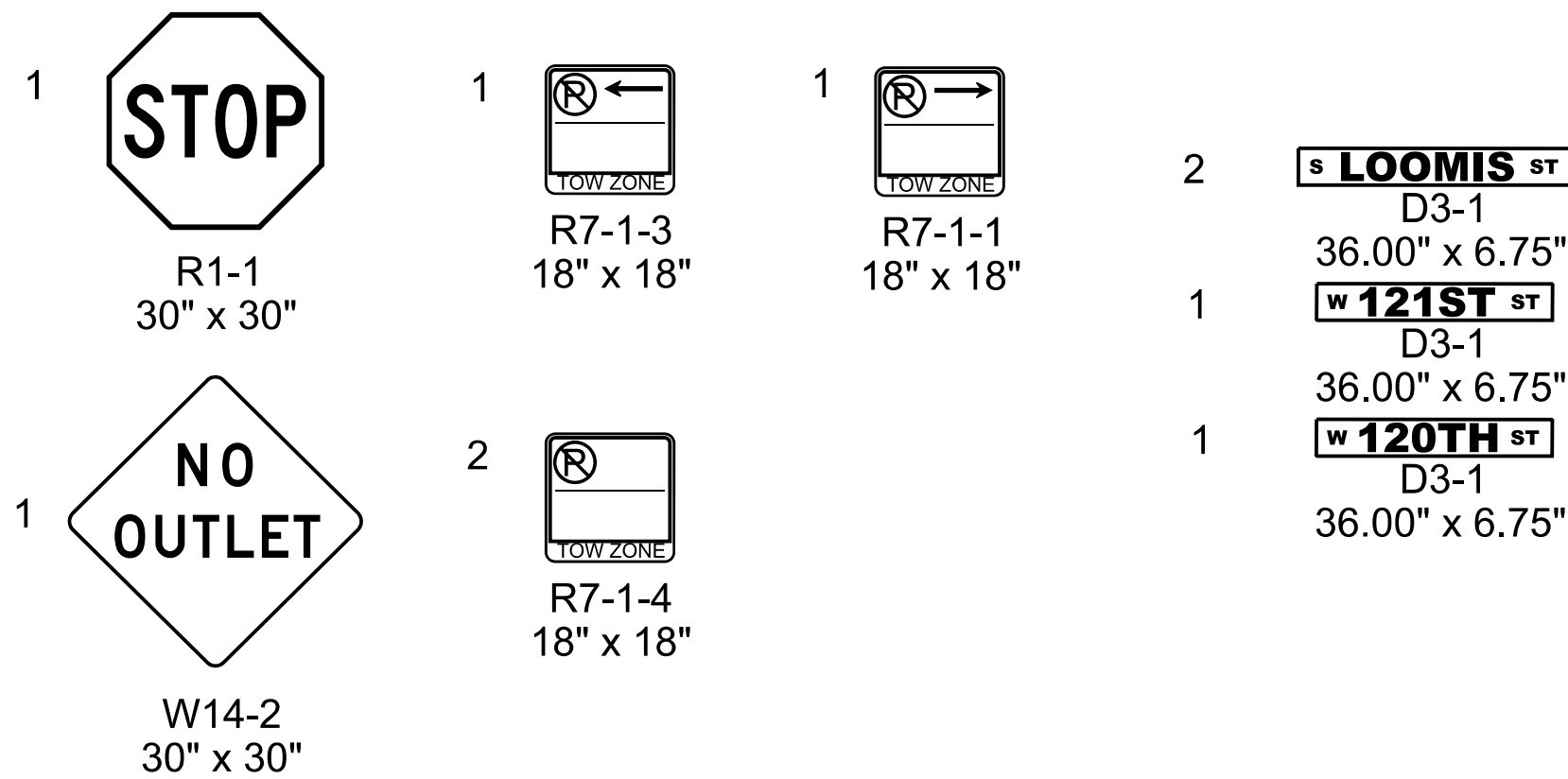
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|------------------------------|-------------------|-----------|
| USER NAME = untitled | DESIGNED - WAM | REVISED - |
| | CHECKED - WAM | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | DRAWN - TKL | REVISED - |
| PLOT DATE = 12/13/2024 | DATE - 12/13/2024 | REVISED - |



STRIPING LEGEND



SIGNING 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]

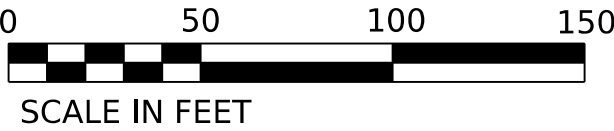
SPECIAL TEXT
STREET NAME OR SPECIAL TEXT THAT DIFFERS FROM THE TEXT ASSOCIATED WITH EACH SIGN CODE (IF NEEDED)

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) | FURNISH AND MOUNT CODES | | | | | |
|-------------------------------|------------------------|--------------|-------------------------|------|-----|-----|-----|-----|
| | | | RSS | RDS | CSP | FSP | CLP | FLP |
| R1-1 | STOP | 6.25 | 1 | | | 1 | | |
| R7-1-1 | NO PARKING TOW ZONE RA | 2.25 | 1 | | | | | 1 |
| R7-1-3 | NO PARKING TOW ZONE LA | 2.25 | 1 | | | | | 1 |
| R7-1-4 | NO PARKING TOW ZONE | 2.25 | 2 | | | 2 | | |
| W14-2 | NO OUTLET | 6.25 | 1 | | | | | 1 |
| D3-1 | STREET NAME | 1.69 | | | 4 | | | 4 |
| TOTALS | | | 6 | 4 | 3 | 0 | 1 | 6 |
| TOTAL AREA FURNISH SIGN PANEL | | | 21.5 | 6.76 | | | | |



MODEL: Default
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CDOT\2022\Loomis_120th to 940' South\Streets\22-Loomis-sth.spk.dgn

S:\PROJECTS\2024\202404_CADD\CADD_Sheets\Izumi\Izumi St. E-01.dgn



| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USERS | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$\$CALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:46 | DATE - 12/05/2024 | REVISED - |

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION














CDOT ELECTRICAL
STANDARD DETAILS





















SCALE: SHEET 01 OF 13 SHEETS STA. TO STA.













| | | | | |
|--------------|---------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 14 |
| CONTRACT NO. | | | | |
| ILLINOIS | | FED. AID PROJECT | | |

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

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

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

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

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

| | | | |
|---|----------|-------------------------------|-------------------------------|
| F | 01-08-14 | ADDED LED LUMINAIRES | A.VIEU |
| E | 09-19-13 | ADDED CMH LUMINAIRES | A.VIEU |
| D | 02-06-04 | REVISED/REDRAW | R.POOL/B.I. |
| C | 04-01-02 | REVISED/REDRAW | R.POOL/B.I. |
| B | 12-4-01 | ADDED ORNAMENTAL SYMBOLS | |
| A | 8-6-96 | REDRAWN | |
| DATE | | REVISION | |
| SUPERSEDES DWG. # | | | |
| WORK ORDER NO. _____ DATE _____ | | | |
| COST ALLOCATION ACCOUNT _____ | | | |
| APPROPRIATION ACCOUNT | | { MATERIAL _____ | |
| | | { LABOR _____ | |
| STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING | | | |
| CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ENGINEERING ELECTRICAL SECTION | | | |
| DRAFTSMAN: R. IVY | | CHIEF DRAFTSMAN: R. CARTER | ENGINEER: R. POOL/R.C/W.T. |
| SUPERVISING ENGINEER: | | ELEC. DESIGN ENGR. | |
| ENGINEER OF ELECTRICITY: | | | DWG. NO. |
| GEN'L SUPT. OF CONSTRUCTION: | | | 826 |
| DEPUTY COMMISSIONER: | | | |
| SIZE: 22" 36" | | SCALE: NONE | DATE: 09-19-13 |

ELECTRICAL GENERAL NOTES

1.

ALL WORK FOR THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS STANDARDS (DEO), CHICAGO ELECTRICAL CODE, IDOT STANDARD SPECIFICATIONS ADOPTED APRIL 1, 2016, AND NEMA.
2.

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

INSPECTIONAL SERVICES, CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS
312-746-5048,
MR. STEVE TRIBUZZI, COMED MODIFICATIONS
773-682-1521
MR. STEVE BYSTRIANSKY, JC DECAUX
773-410-6200
MR. JEFF CAIRNS, CHICAGO OFFICE OF PUBLIC SAFETY ADMINISTRATION
312-746-9840
3.

THE CONTRACTOR SHALL HANDLE COORDINATION OF ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING UNITS, CONTROL EQUIPMENT, AND/OR ANY OTHER WORK DEEMED NECESSARY BY THE COMMISSIONER TO ASSURE THAT ANY FUTURE OR CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY.
4.

THE CONTRACTOR SHALL COORDINATE ALL WORK AND MATERIALS WITH SPECIAL ATTENTION TO ALL OTHER CONSTRUCTION CONTRACTS.
5.

THE CONTRACTOR SHALL REFER TO THE CIVIL DRAWINGS FOR LOCATIONS OF EXISTING EQUIPMENT AND UTILITIES NOT SPECIFICALLY SHOWN ON ELECTRICAL DRAWINGS.
6.

THE CONTRACTOR SHALL REFER TO THE TRAFFIC CONTROL DRAWINGS AND STATE STANDARDS FOR TRAFFIC CONTROL RELATED TO STREET LIGHTING AND TRAFFIC SIGNAL WORK.
7.

THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CIVIL, SEWER AND GENERAL TRAFFIC CONTROL NOTES ON DRAWINGS AND/OR SPECIFICATIONS.
8.

THE CONTRACTOR SHALL COORDINATE WITH ROADWAY, BRIDGE, SEWER, PIPING, AND TRAFFIC CONTROL CONTRACTORS FOR STAGING AND SEQUENCE OF INSTALLATIONS, BACKFILL, AND/OR CONSTRUCTION SCHEDULING.
9.

ALL CITY OF CHICAGO LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT WILL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED TO CITY'S STORAGE FACILITY LOCATED WITHIN THE CITY LIMITS IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, UNLESS NOTED OTHERWISE.
10.

RECORD DRAWINGS SHOWING EXISTING STREET LIGHTING INSTALLATIONS AND CABINET LOCATIONS, ARE AVAILABLE FOR THE CONTRACTOR'S INFORMATION AT THE OFFICES OF CITY OF CHICAGO DEPARTMENT OF STREETS AND SANITATION, DIVISION OF ELECTRICAL OPERATIONS.
11.

ALL EXISTING AREAS THAT ARE DAMAGED AS A PART OF THIS WORK, INCLUDING BUT NOT LIMITED TO FENCING, CURBS AND GUTTERS, AND SIDEWALKS, WHERE RESTORATION IS NOT COVERED BY THE APPLICABLE CONTRACT PAY ITEMS, SHALL BE RESTORED TO THE SATISFACTION OF THE COMMISSIONER AND SEPARATE PAYMENT WILL NOT BE MADE.
12.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SYMBOL NAMES
FILE NAME: 1011210204_CADD/CADD_Sheet&Lcornis&S_Lcornis St_E-02 General Notes.dgn



| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USER\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:46 | DATE - 12/05/2024 | REVISED - |

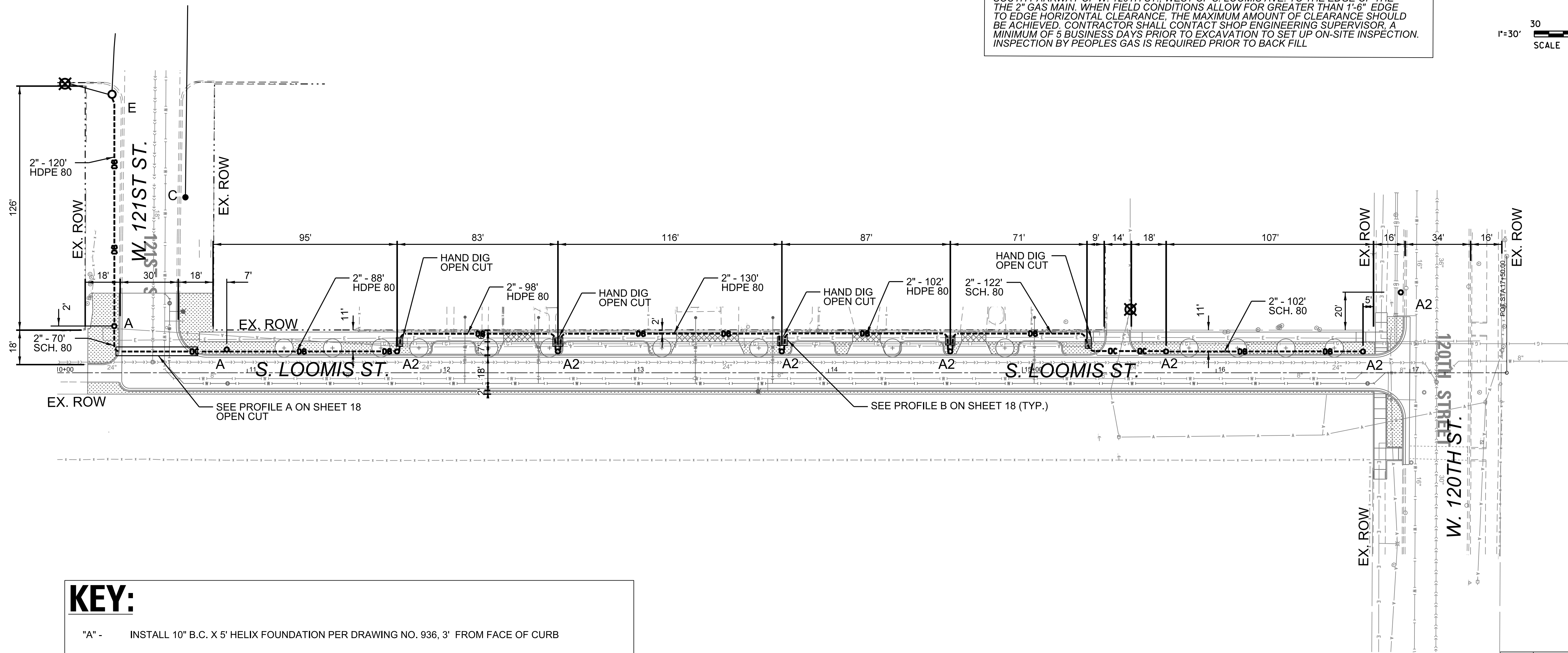
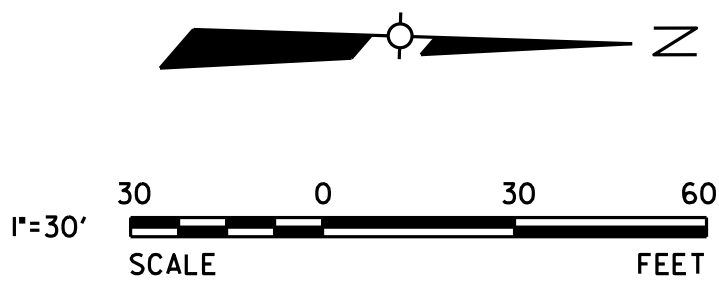
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

ELECTRICAL GENERAL
NOTES

SCALE: SHEET 02 OF 13 SHEETS STA. TO STA.

| FA RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|-----------------|--------------|
| | | COOK | 49 | 15 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

THIS OUC IS APPROVED WITH A (1) TIME VARIANCE OF MINIMUM 1'-6" EDGE TO EDGE HORIZONTAL CLEARANCE FROM THE PROPOSED "A2" FOUNDATION LOCATED IN SOUTH PARKWAY OF W. 120TH ST. WEST OF S. LOOMIS AVE. TO THE EDGE OF THE 2" GAS MAIN. WHEN FIELD CONDITIONS ALLOW FOR GREATER THAN 1'-6" EDGE TO EDGE HORIZONTAL CLEARANCE, THE MAXIMUM AMOUNT OF CLEARANCE SHOULD BE ACHIEVED. CONTRACTOR SHALL CONTACT 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 BACK FILL.



KEY:

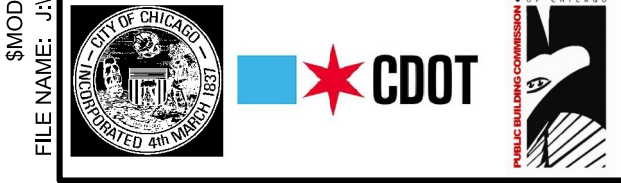
- "A" - INSTALL 10" B.C. X 5' HELIX FOUNDATION PER DRAWING NO. 936, 3' FROM FACE OF CURB
- "A2"- INSTALL 10" B.C. X 5' HELIX FOUNDATION PER DRAWING NO. 936, 2' FROM FACE OF CURB
- "C"- EXISTING LIGHTING UNIT TO REMAIN
- "E" - DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE
- DB--- PROPOSED CONDUIT BY DIRECTIONAL BORING
- OC--- PROPOSED CONDUIT BY OPEN CUT TRENCH

NOTES:

- DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33-INCHES. A NOTE MUST BE SHOWN ON EVERY PAGE OF THE PLANS STATING THESE CONDITIONS. ALL SERVICE CONTROL VALVE AND METER VAULT LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3-Feet OF HORIZONTAL SEPERATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATED, THEN CDOT SHALL SUBMIT FUNDING AND/OR RFI FOR DWM APPROVAL PRIOR TO INSTALLATION.
- PEOPLES GAS NOTE:
DIRECTIONAL DRILLING IS CONSIDERED A HIGH RISK EXCAVATION AS DETERMINED BY PHMSA AND NTSB: AS SUCH SPECIAL CONSIDERATIONS SHALL TAKE PLACE NEAR NATURAL GAS DISTRIBUTION LINES. CONTRACTOR MUST OBSERVE BORE HEAD WHILE CROSSING GAS FACILITIES AND VERIFY THAT MINIMUM VERTICAL CLEARANCE IS OBTAINED. LOCATIONS OF EXISTING GAS FACILITIES MUST BE VERIFIED AT SUFFICIENT INTERVALS, OR A MAX OF DISTANCE OF 50FT. WHEN PARALLELING TO ENSURE MINIMUM HORIZONTAL SEPERATION IS MAINTAINED. NOTIFY SYSTEM INTEGRITY OPERATIONS SUPERVISOR AT CENTRAL-SHOP-OUC@PEOPLESGASDELIVERY.COM A MINIMUM OF (5) BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION THIS PROJECT WILL BE PLACED ON PEOPLES GAS WATCH & PROTECT.

| | |
|---|------------------|
| A | |
| DATE | REVISION |
| WORK ORDER NO. | |
| COST ALLOCATION ACCOUNT | |
| APPROPRIATION ACCOUNT | MATERIAL |
| | LABOR |
| UNDERGROUND CONDUIT FACILITIES PLAN LOOMIS STREET 121ST ST TO 120 ST | |
| CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS | |
| DRAFTSMAN: JVD | CHIEF DRAFTSMAN: |
| ENGINEER: JVD | |
| SUPERVISING ENGINEER: RP | |
| ENGINEER OF ELECTRICITY: | |
| GEN'L SUPT. OF CONSTRUCTION: | |
| DEPUTY COMMISSIONER: | |
| DWG. NO. 24-191 | |
| OUC EFP # | DATE: 12/05/2024 |
| ATLAS | M-51 |
| SIZE: 22" | 34" |
| SCALE: 1" = 30' | |
| F.A. RTE. | SECTION |
| COUNTY | COOK |
| TOTAL SHEETS | 49 |
| SHEET NO. | 16 |
| CONTRACT NO. | |
| ILLINOIS FED. AID PROJECT | |

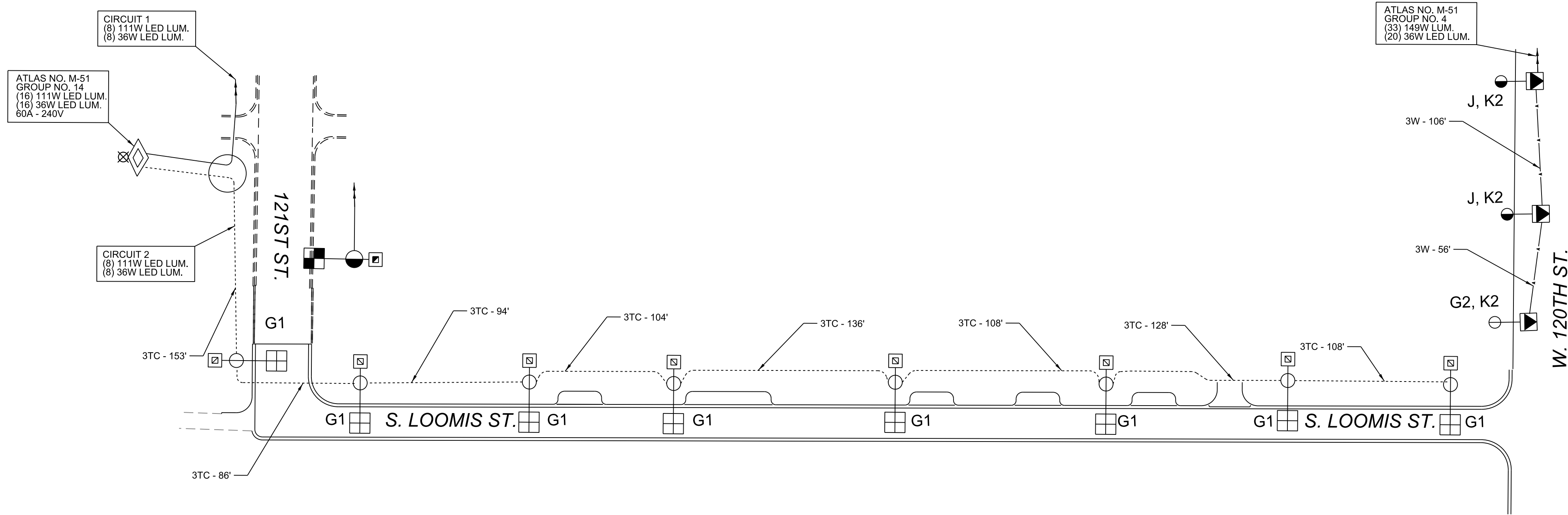
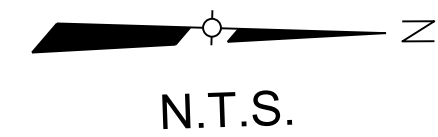
S:\PROJECTS\2024\12\12024\04_CADD\CADD_SheetSet\Loomis St. E-03_UCE-2.dgn



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| USER NAME = \$USER\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$\$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:46 | DATE - 12/05/2024 | REVISED - |

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

| | | | |
|---|----------|---------|--------|
| UNDERGROUND CONDUIT FACILITIES PLAN LOOMIS ST - 121ST ST TO 120TH ST | | | |
| SCALE: 1" = 30' | SHEET 03 | OF 13 | SHEETS |
| STA. | | TO STA. | |



KEY:

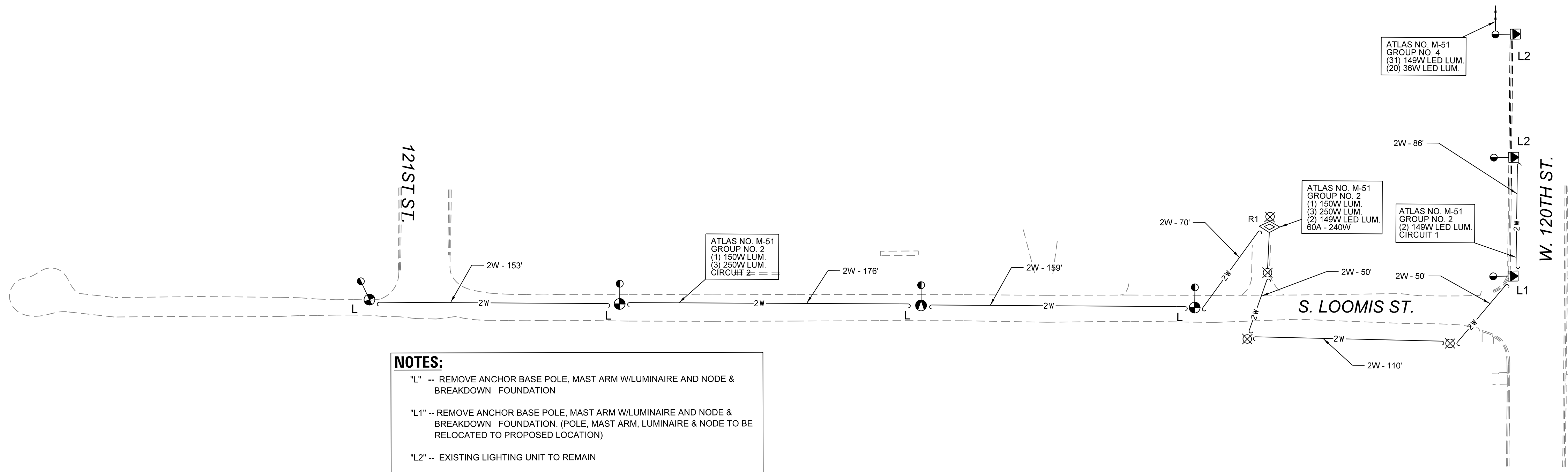
"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 12.5' RESIDENTIAL WITH 8' DAVIT ARM AS PER DRAWING 940 & 945, INSTALL 111W LED RESIDENTIAL STREET LIGHTING LUMINAIRE WITH NODE AND 36W LED RESIDENTIAL ACORN LUMINAIRE.

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

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

"K2" - INSTALL 3 WIRE RACK

STREET LIGHTING INSTALLATION PLAN



NOTES:

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

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

"L2" -- EXISTING LIGHTING UNIT TO REMAIN

STREET LIGHTING REMOVAL PLAN

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

| | | | | | | |
|--|---------|---------------------------------|----------|------------------------|--------------|-----------|
| A | | | | | | |
| | | DATE | REVISION | | | |
| WORK ORDER NO. _____ | | | | | | |
| COST ALLOCATION ACCOUNT _____ | | | | | | |
| APPROPRIATION ACCOUNT | | { MATERIAL _____ LABOR _____ | | | | |
| STREET LIGHTING INSTALLATION AND REMOVAL PLAN LOOMIS STREET 121ST ST TO 120TH ST | | | | | | |
| CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS | | | | | | |
| DRAFTSMAN: JVD | | CHIEF DRAFTSMAN: | | ENGINEER: MG | | |
| SUPERVISING ENGINEER: RP | | | | DWG. NO. 24-192 | | |
| ENGINEER OF ELECTRICITY: | | | | | | |
| GEN'L SUPT. OF CONSTRUCTION: | | | | | | |
| DEPUTY COMMISSIONER: | | | | | | |
| SIZE: 22" 34" | | SCALE: N.T.S. | | DATE: 04/29/2024 | | |
| F.A. RTE. | SECTION | | | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | COOK | 49 | 17 |
| | | | | CONTRACT NO. | | |
| | | ILLINOIS | | FED. AID PROJECT | | |

MODEL NAMES
FILE NAME: 3102102104_CADD/CADD_Sheets/Loomis St_E-04 Installation and Removal.dgn



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| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:46 | DATE - 12/05/2024 | REVISED - |

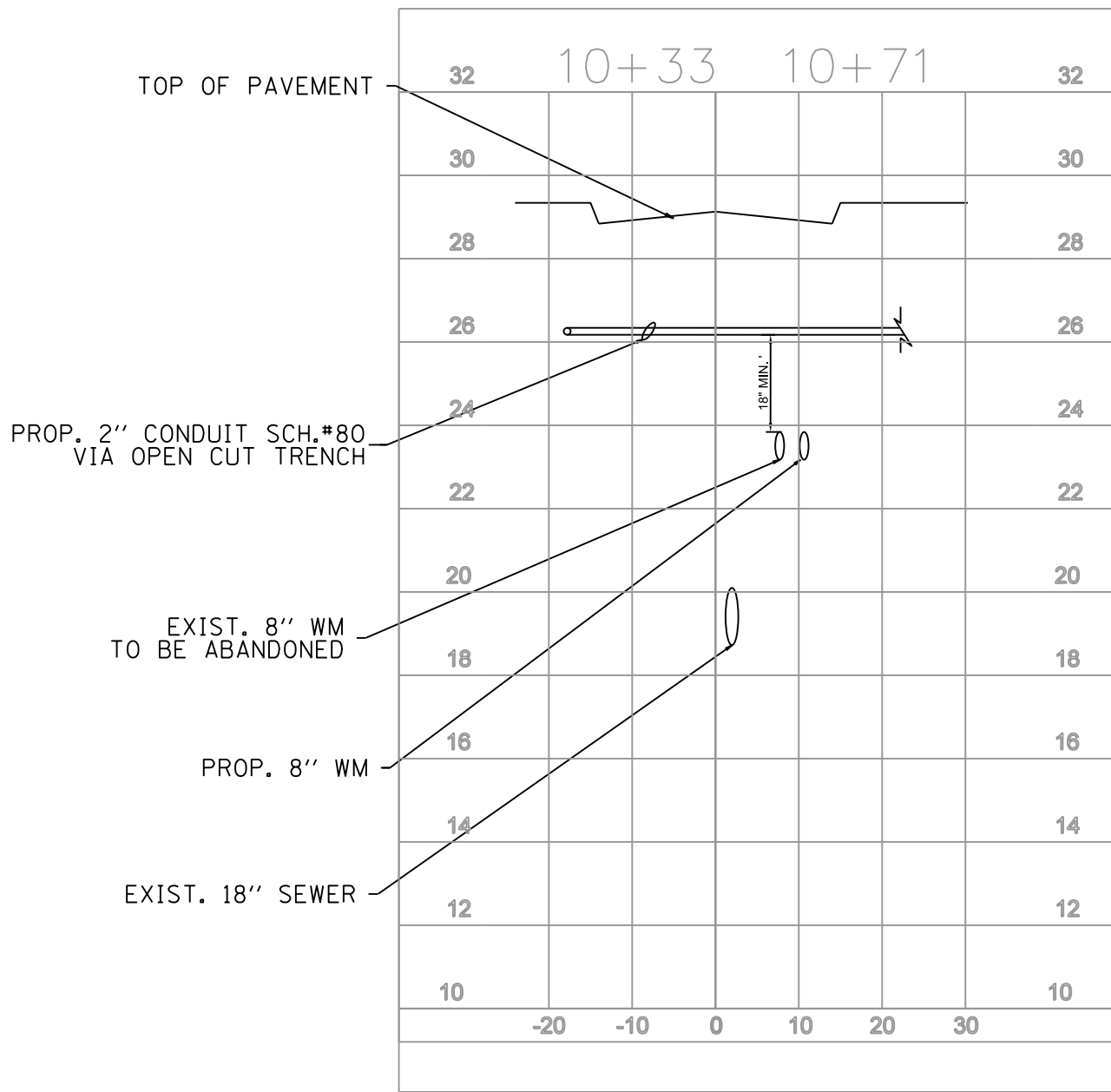
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING INSTALLATION AND REMOVAL PLAN
LOOMIS ST - 121ST ST TO 120TH ST

SCALE: N.T.S. SHEET 04 OF 13 SHEETS STA. TO STA.

PROFILE A

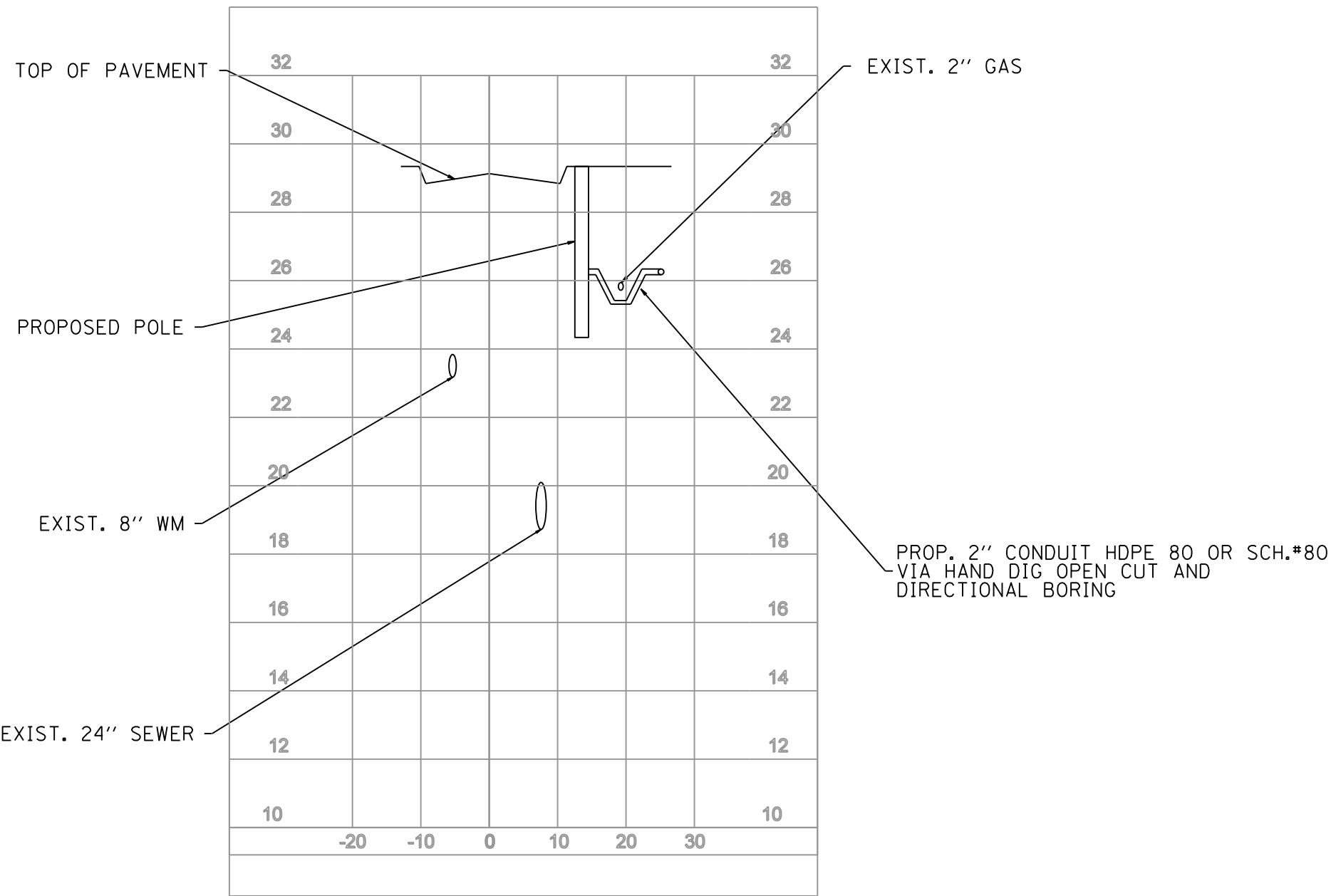
LOOMIS ST.



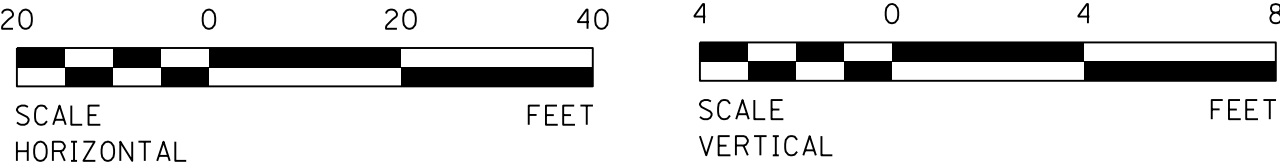
PROPOSED WEST LEG CONDUIT
CROSS SECTION AT THE
INTERSECTION OF LOOMIS ST &
121TH ST
LOOKING WEST

PROFILE B

LOOMIS ST.



PROPOSED WEST PARKWAY
CONDUIT CROSS SECTION AT S.
LOOMIS ST. BETWEEN W. 120TH
ST. & W. 121ST ST. (TYP.)
LOOKING SOUTH



MODEL NAME\$
FILE NAME\$ 20241210204_CADD\CADD_Sheets\LoomisSt_E-05_Profile.dgn



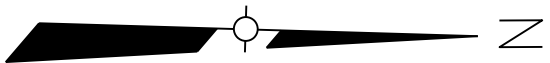
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|-------------------------------|-------------------|-----------|
| USER NAME = \$USER\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$\$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 09:00 | DATE - 12/05/2024 | REVISED - |

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

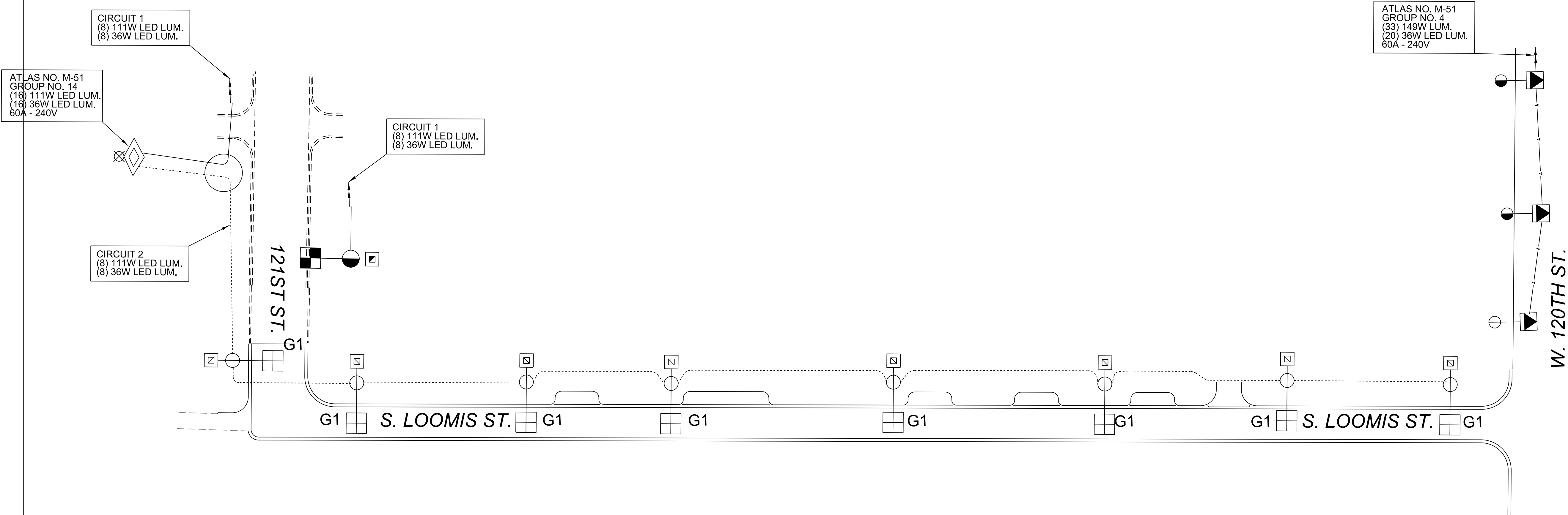
PROPOSED CONDUIT PROFILE

SCALE: SHEET 05 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 18 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



N.T.S.



\\models\names
FILE NAME: J:\121210204_CADD\CADD_Sheets\Loomis St_E-06 Field Verification Record.dgn



| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USER\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$\$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:47 | DATE - 12/05/2024 | REVISED - |

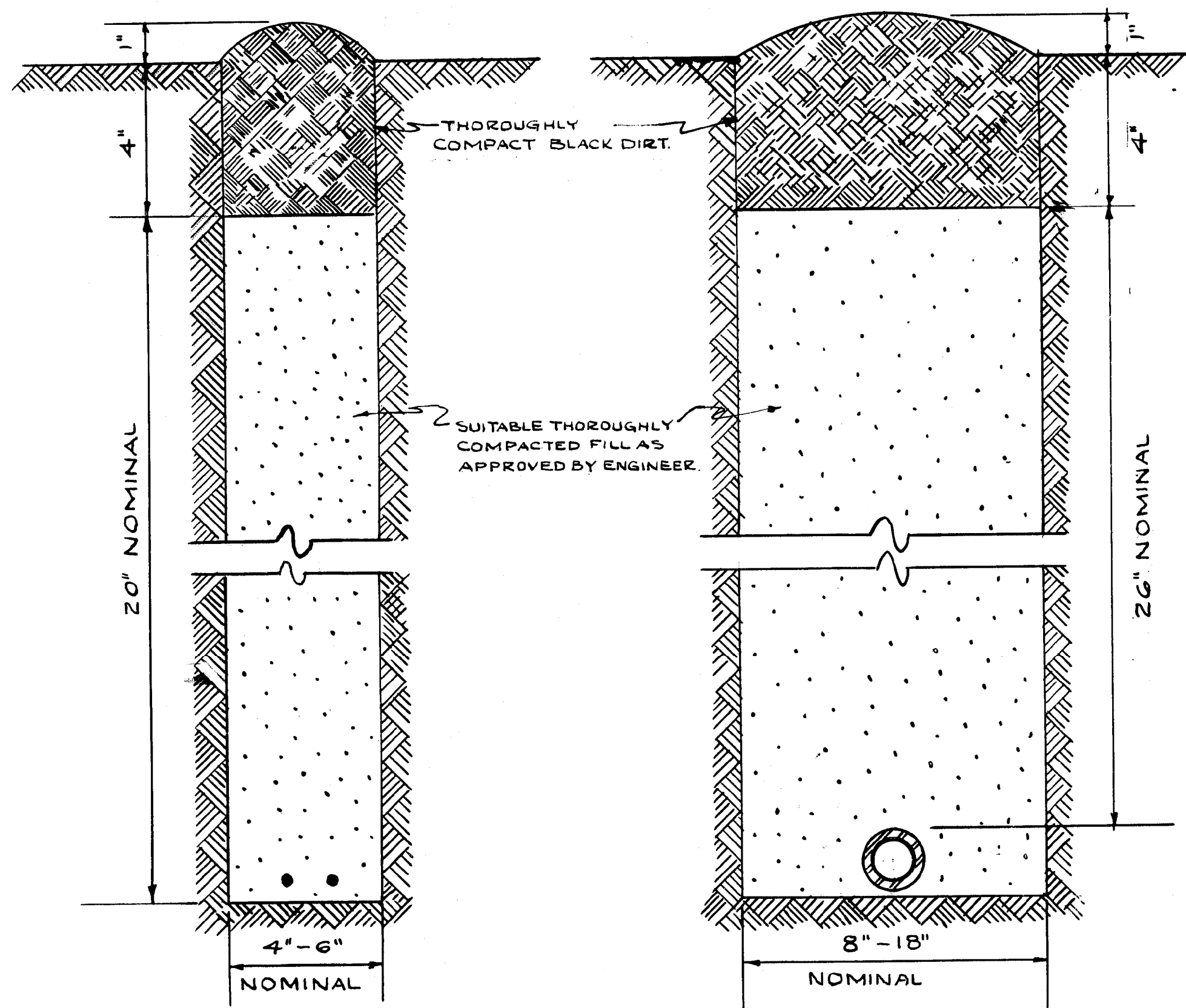
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING FIELD VERIFICATION RECORD
LOOMIS ST – 121ST ST TO 120TH ST

SCALE: N.T.S. SHEET 06 OF 13 SHEETS STA. TO STA.

| | | | | | | | | | |
|--------------|------|----------------------|---------|-----|----------|------------------|------------------|-----------|--|
| OUC EFP # | | DEPUTY COMMISSIONER: | | | | | | | |
| ATLAS | M-51 | SIZE: | 22" | 34" | SCALE: | N.T.S. | DATE: 04/29/2024 | | |
| RECORD ST | | F.A. RTE. | SECTION | | | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | | | | | COOK | 49 | 19 | |
| | | | | | | | CONTRACT NO. | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TO STA. | | | | | ILLINOIS | FED. AID PROJECT | | | |

| | | |
|--|------------------|-------------------------|
| A | | |
| | DATE | REVISION |
| WORK ORDER NO. _____ | | |
| COST ALLOCATION ACCOUNT _____ | | |
| APPROPRIATION ACCOUNT { MATERIAL _____ LABOR _____ | | |
| STREET LIGHTING FIELD VERIFICATION RECORD LOOMIS STREET 121ST ST TO 120TH ST | | |
| CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS | | |
| DRAFTSMAN: JVD | CHIEF DRAFTSMAN: | ENGINEER: MG |
| SUPERVISING ENGINEER: RP | | DWG. NO. 24-192A |
| ENGINEER OF ELECTRICITY: | | |
| GEN'L SUPT. OF CONSTRUCTION: | | |
| DEPUTY COMMISSIONER: | | |



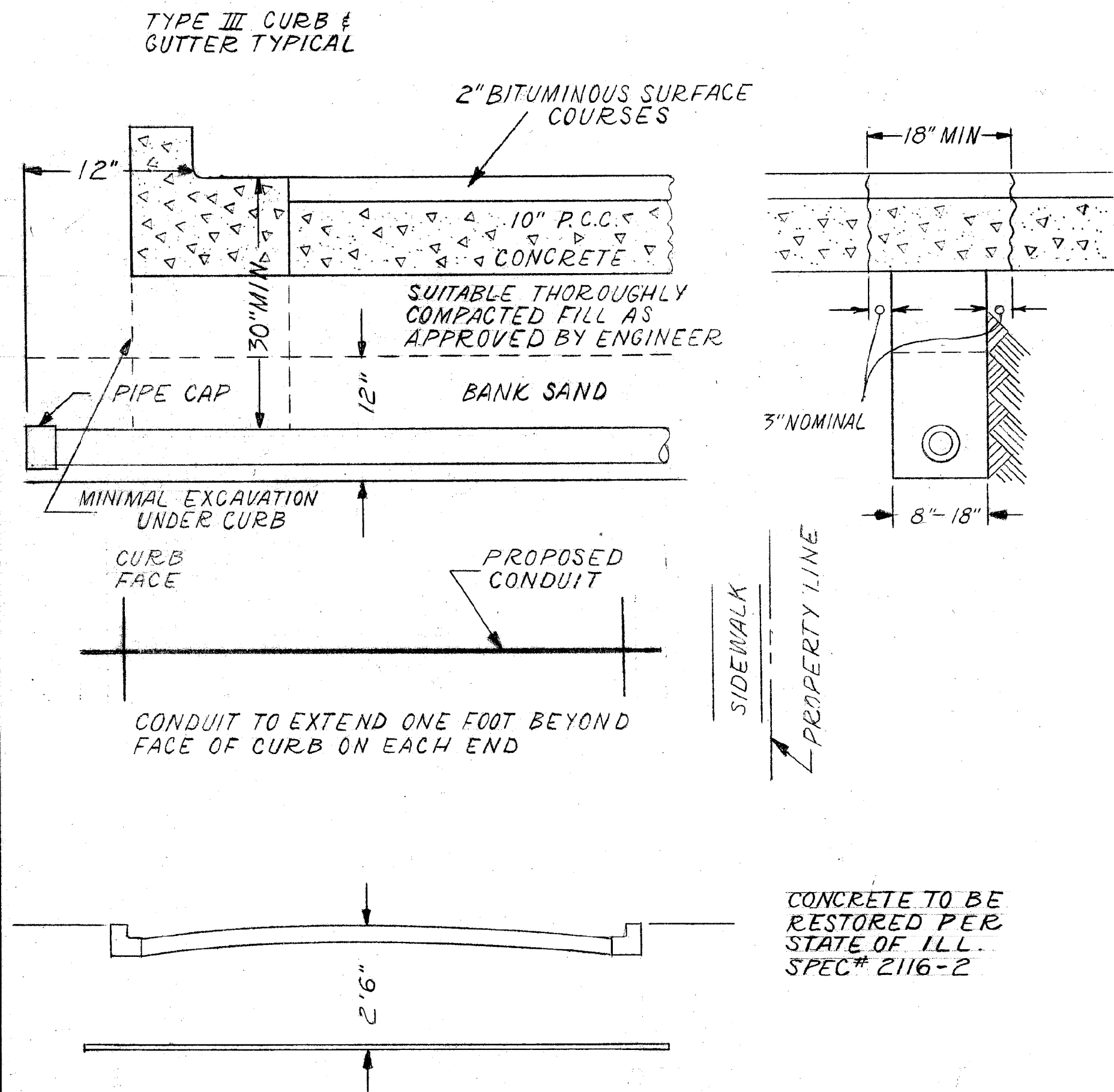
CABLE TRENCH

CONDUIT TRENCH

NOTE
EXCESS SOIL FROM TRENCH TO BE COMPLETELY REMOVED FROM SITE AS SOON AS PRACTICABLE.
BLACK DIRT TO BE TAMPED & THOROUGHLY COMPACTED AS SHOWN.

| STANDARD METHOD FOR BACKFILLING CABLE & CONDUIT TRENCHES IN SODDED PARKWAY & LAWNS | | | |
|--|--------------------|-------------|---------------|
| CITY OF CHICAGO DEPT. OF STREETS & SANITATION DIVISION OF ELECTRICAL ENGINEERING | | | |
| REVISION | DRAWN | CHECKED | ENGINEER |
| A | W. E. HARP | M. J. Hine | J. O'CONNOR |
| B | | | |
| C | | | |
| D | | | |
| E | | | |
| F | | | |
| G | | | |
| H | | | |
| | SIZE: 8 1/2" x 14" | SCALE: 1/4" | DATE: 7-14-61 |

CONDUIT INSTALLATION UNDER PAVED STREET



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

INSTALLATION METHOD OF INSTALLING CONDUIT UNDER PAVED ROADWAY

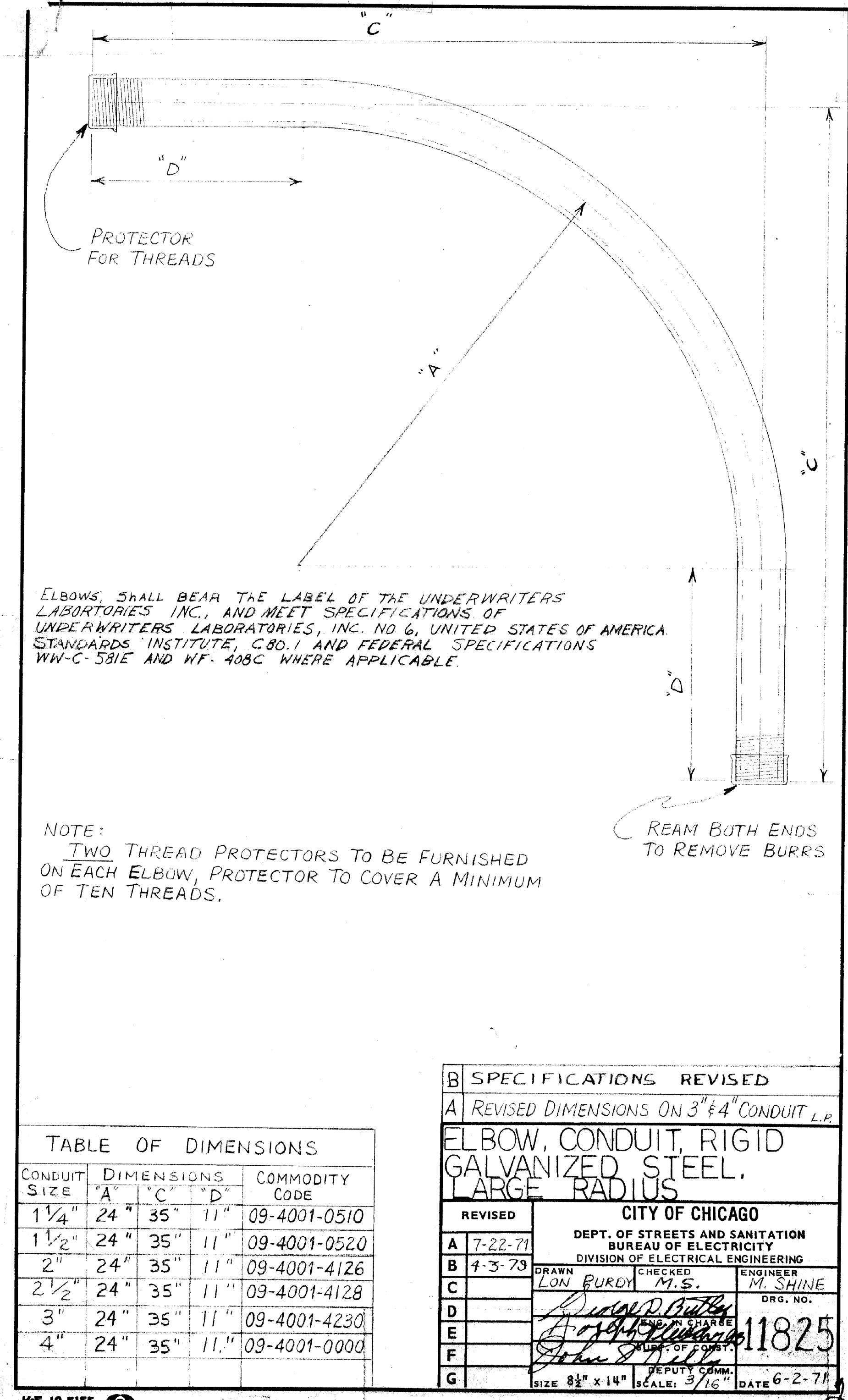
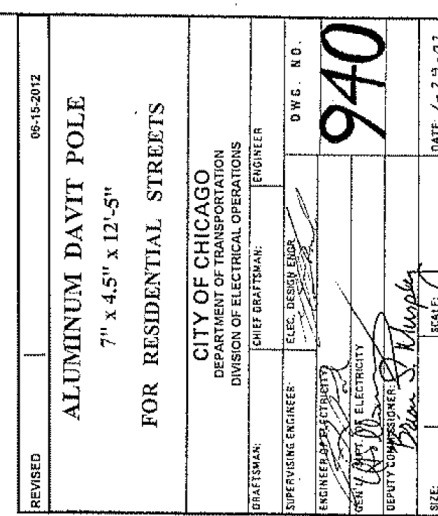
| CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING | | |
|---|-------------------------|-------------------------|
| DRAWN A.M. JOHNSON | CHECKED R. SYCKAUSKI | ENGINEER R.L. MARTIN |
| ENGINEER OF ELECTRICITY Charles E. Bursley | | DRG. NO. 813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

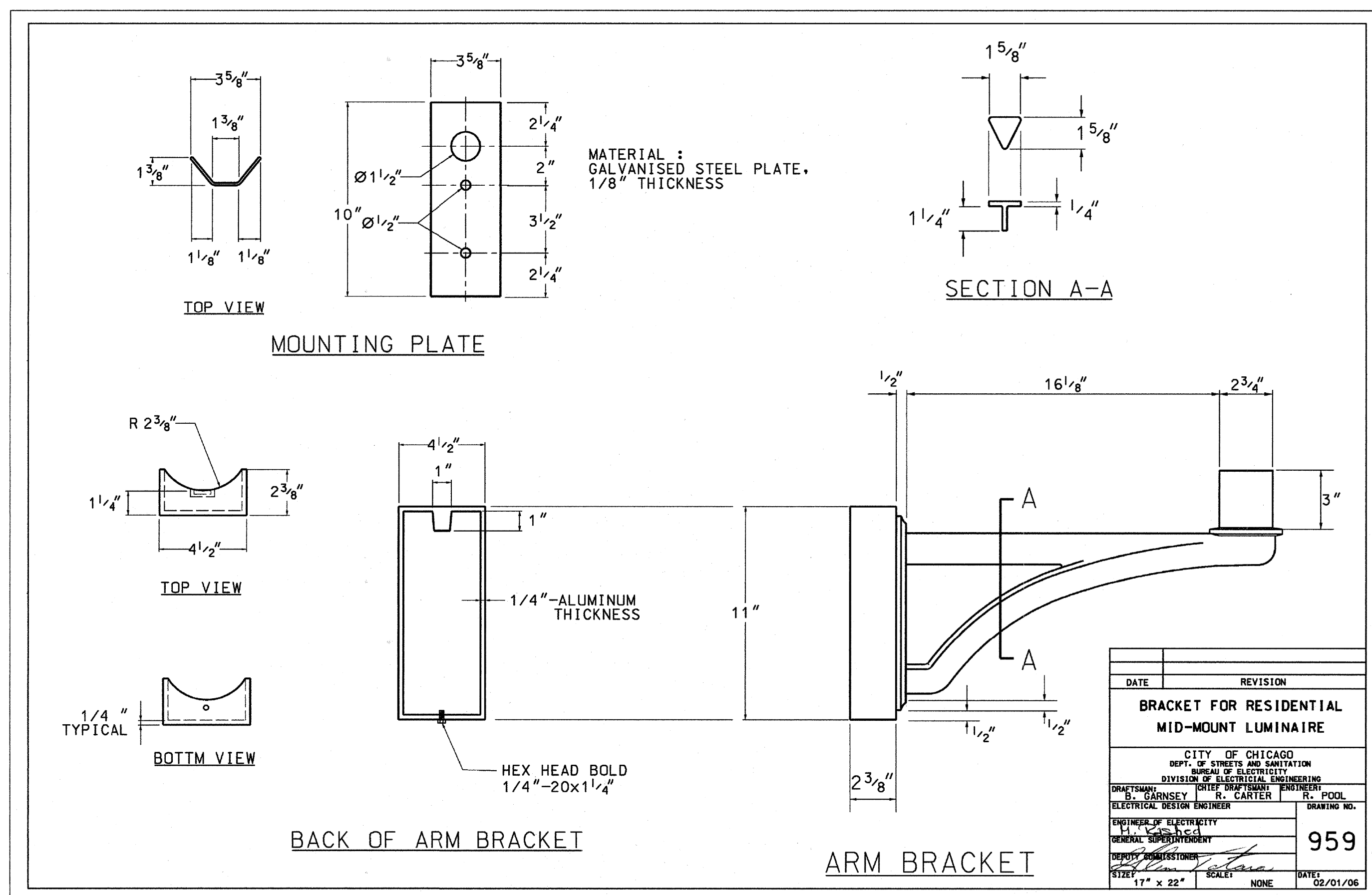
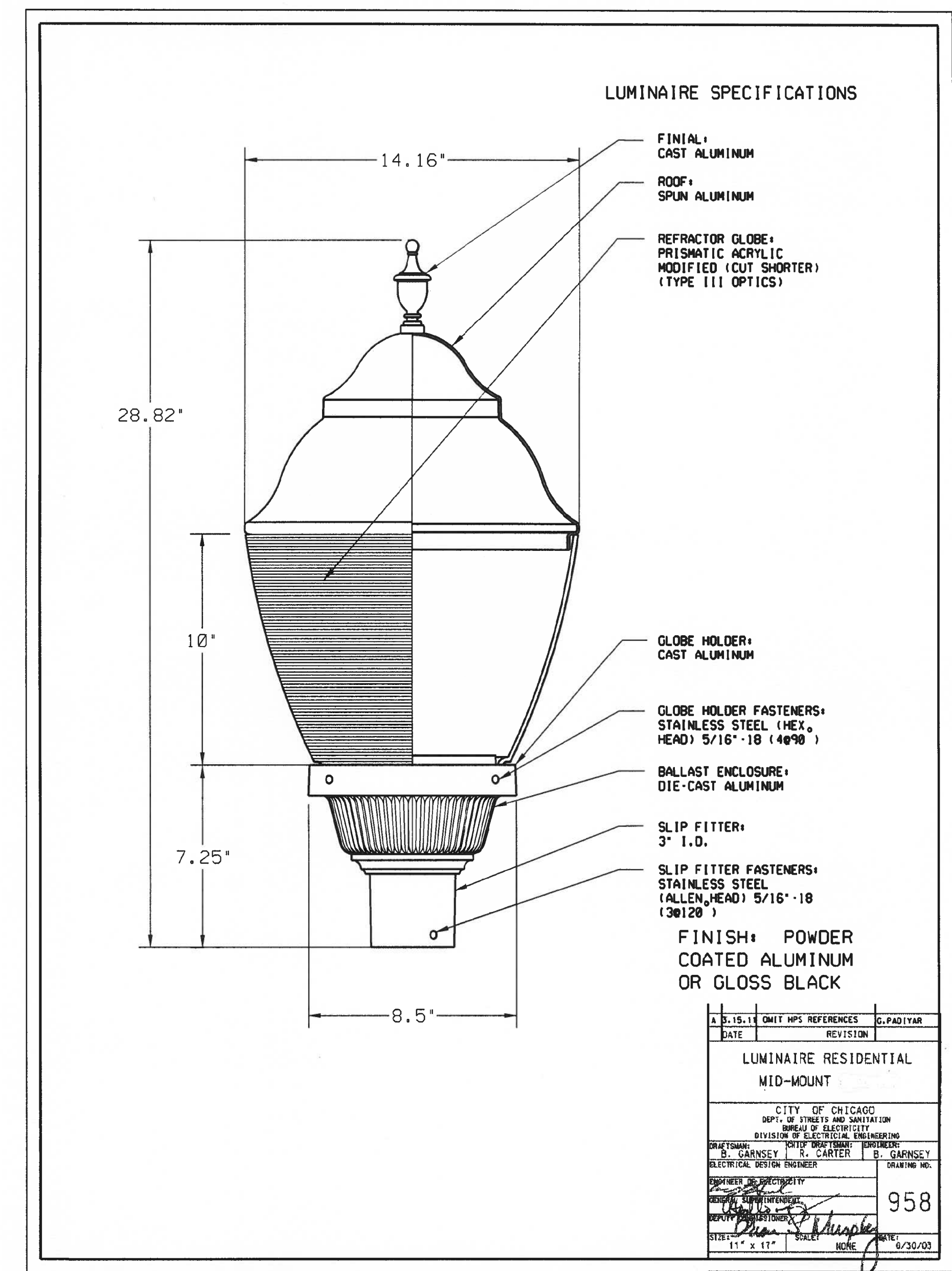
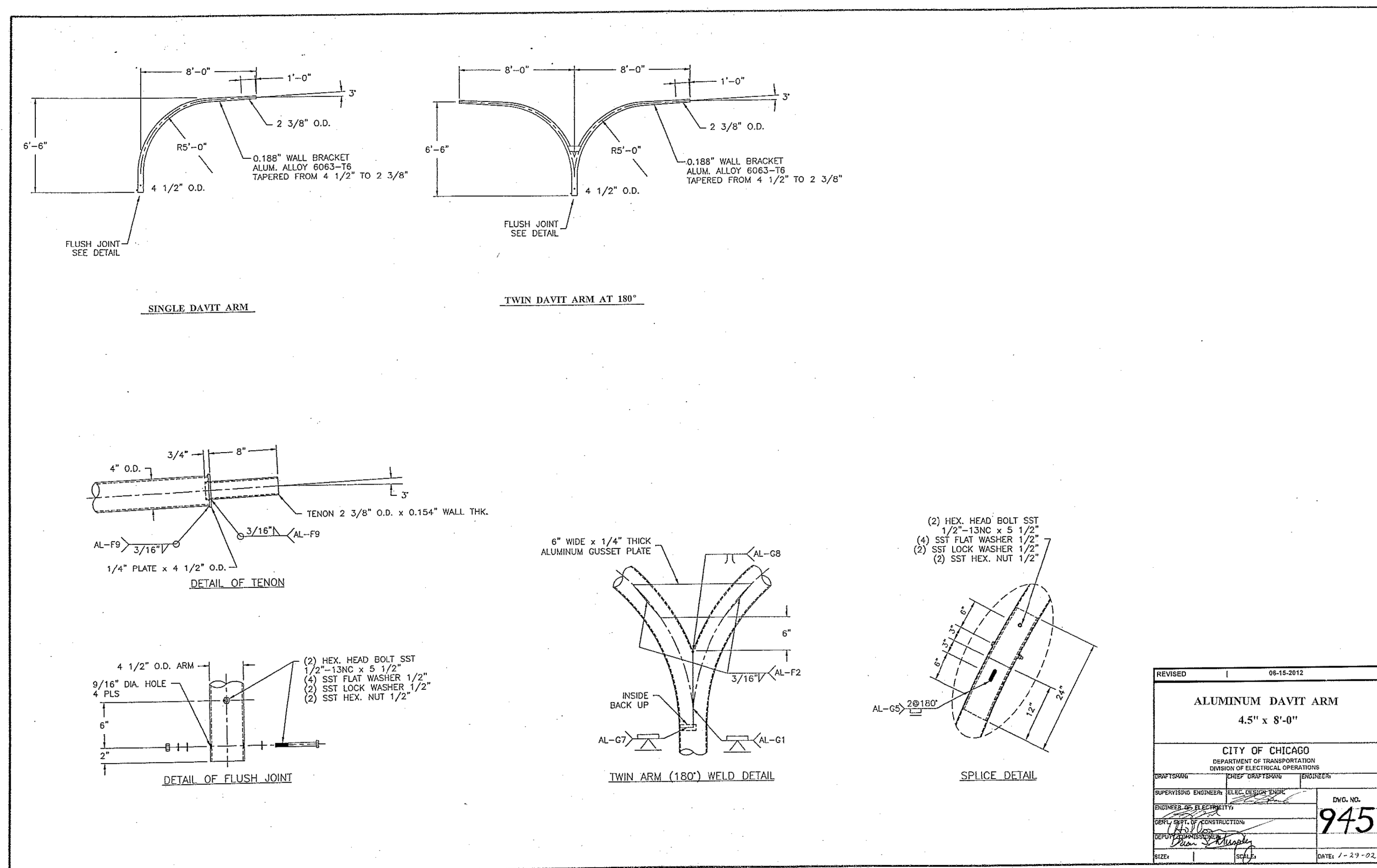
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDOT ELECTRICAL
STANDARD DETAILS

SCALE: SHEET 07 OF 13 SHEETS STA. TO STA.

| FA RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 21 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |







| | |
|------------|---------------------|
| USER NAME | = \$USERS |
| DESIGNED | - JVD |
| DRAWN | - JVD |
| PLOT SCALE | = \$\$CALE\$ |
| PLOT DATE | = 16-DEC-2024 08:47 |

| | |
|-------|--------------|
| REVIS | - |
| REVIS | - |
| REVIS | - |
| REVIS | - |
| DATE | - 12/05/2024 |

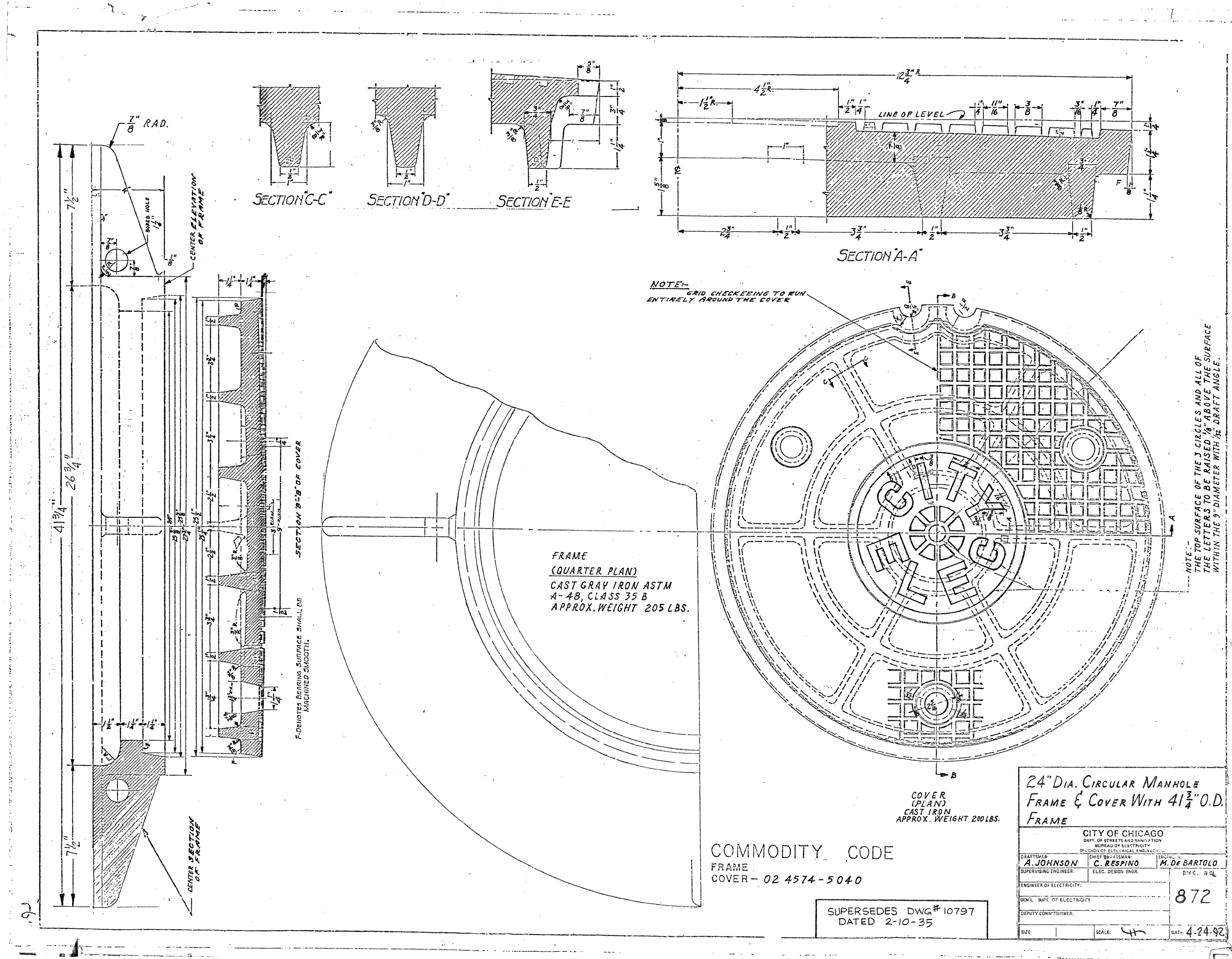
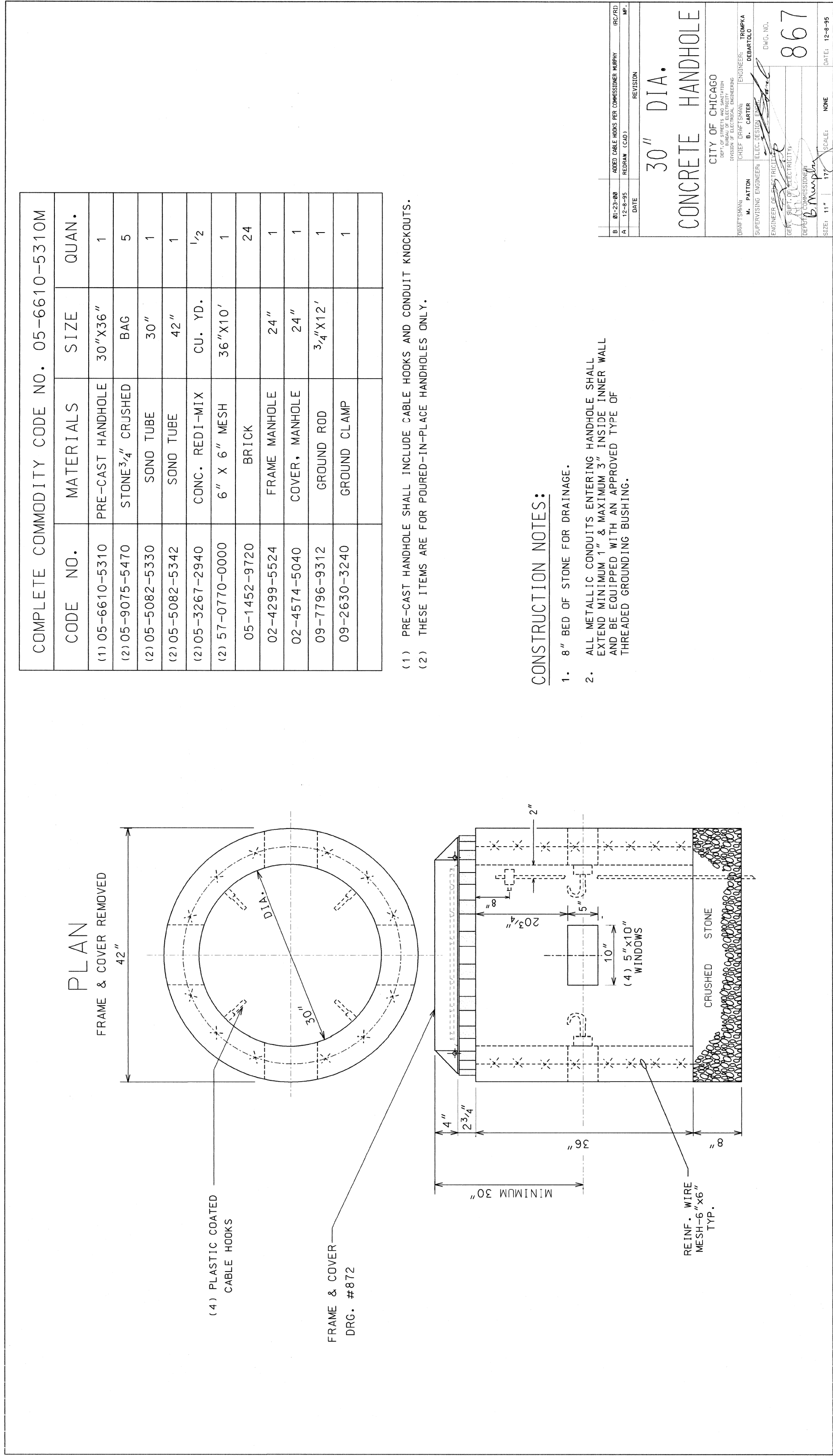
| | |
|-------|---|
| REVIS | - |
| REVIS | - |
| REVIS | - |
| REVIS | - |
| REVIS | - |

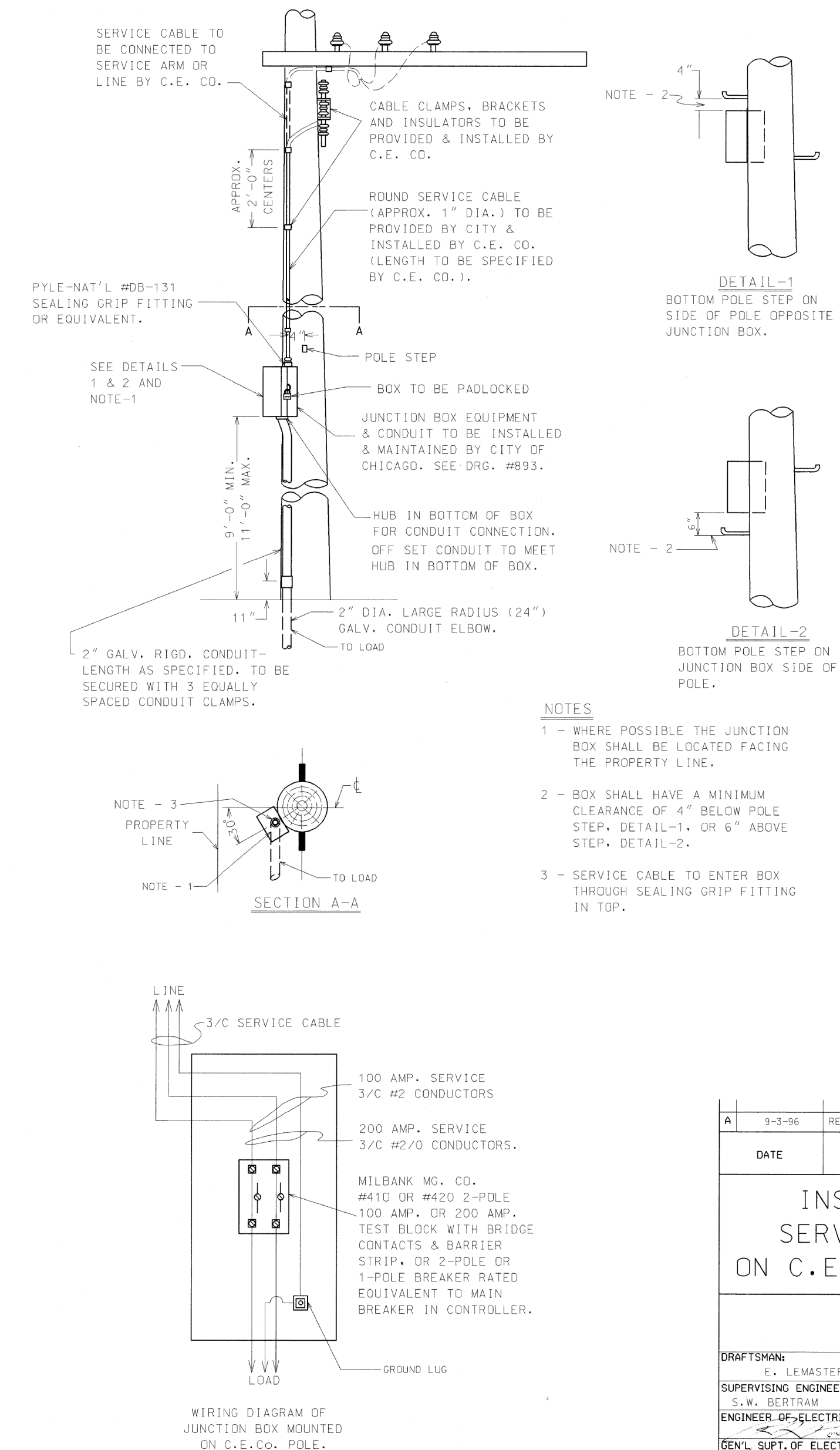
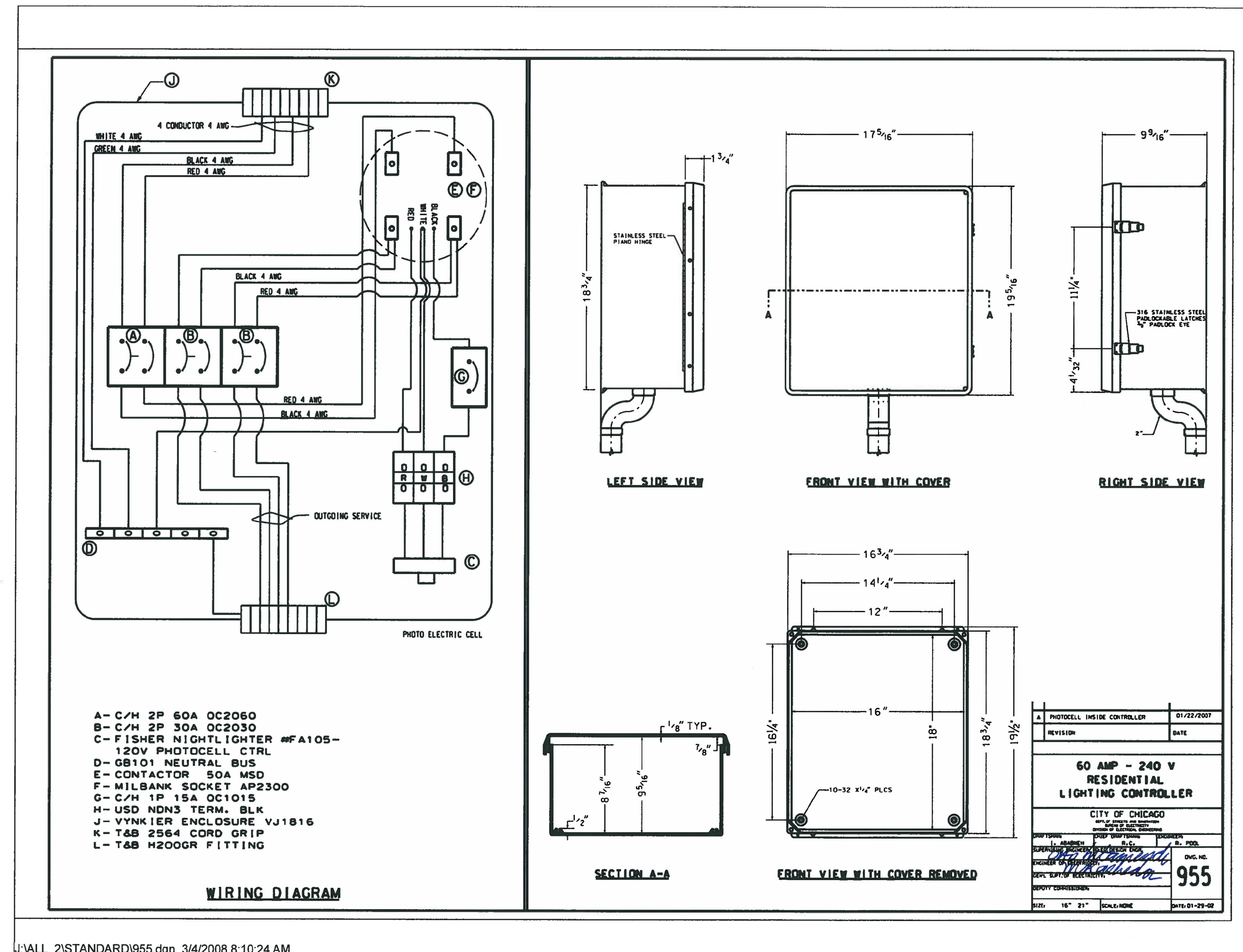
CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION

CDOT ELECTRICAL
 STANDARD DETAILS

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

| FA RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 24 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |





| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USERS\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$SSCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:48 | DATE - 12/05/2024 | REVISED - |

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

CDOT ELECTRICAL STANDARD DETAILS

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

| | | | | |
|--------------|---------|--------------|------------------|--------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 25 |
| | | CONTRACT NO. | | |
| | | ILLINOIS | FED. AID PROJECT | |



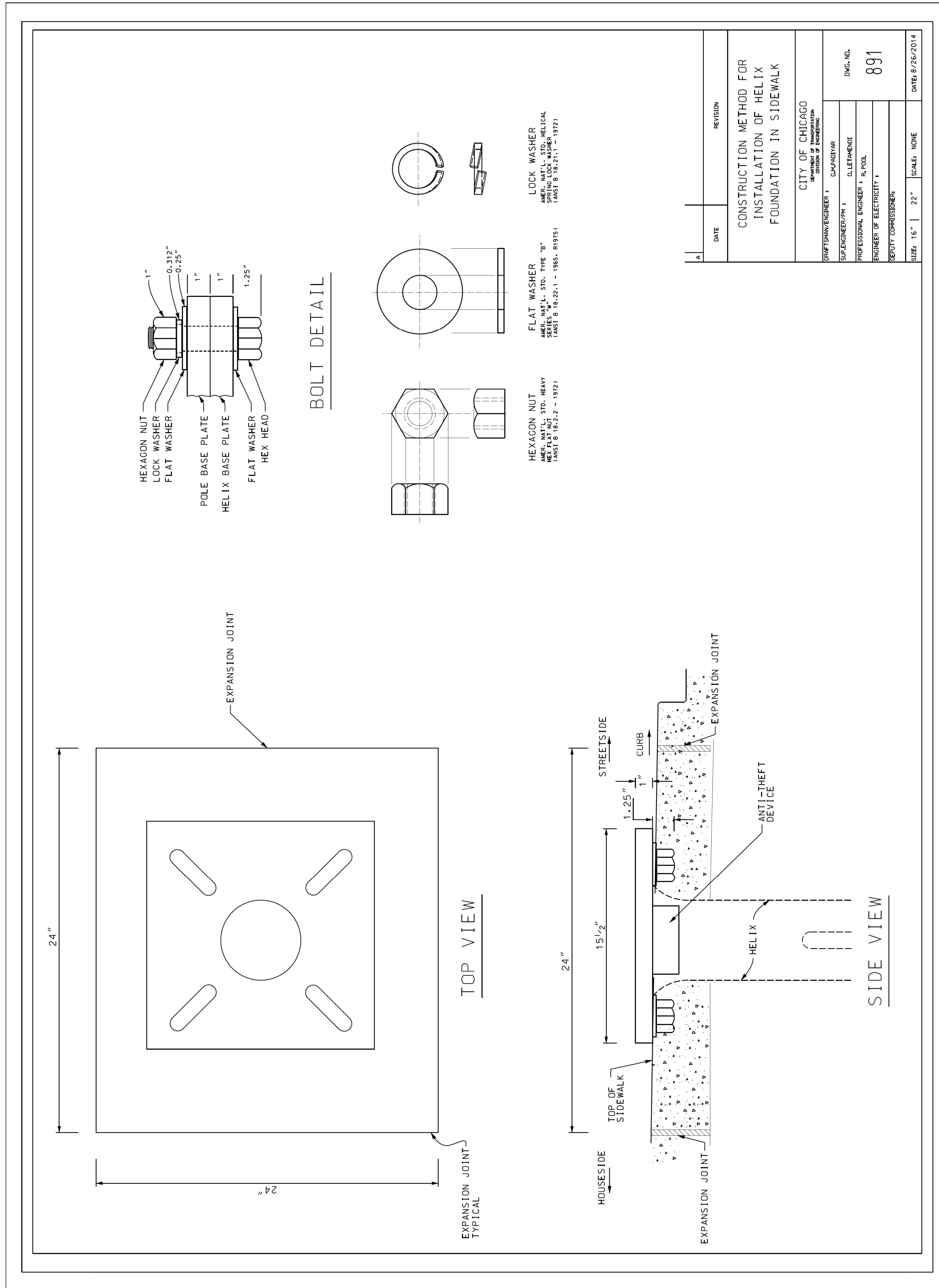
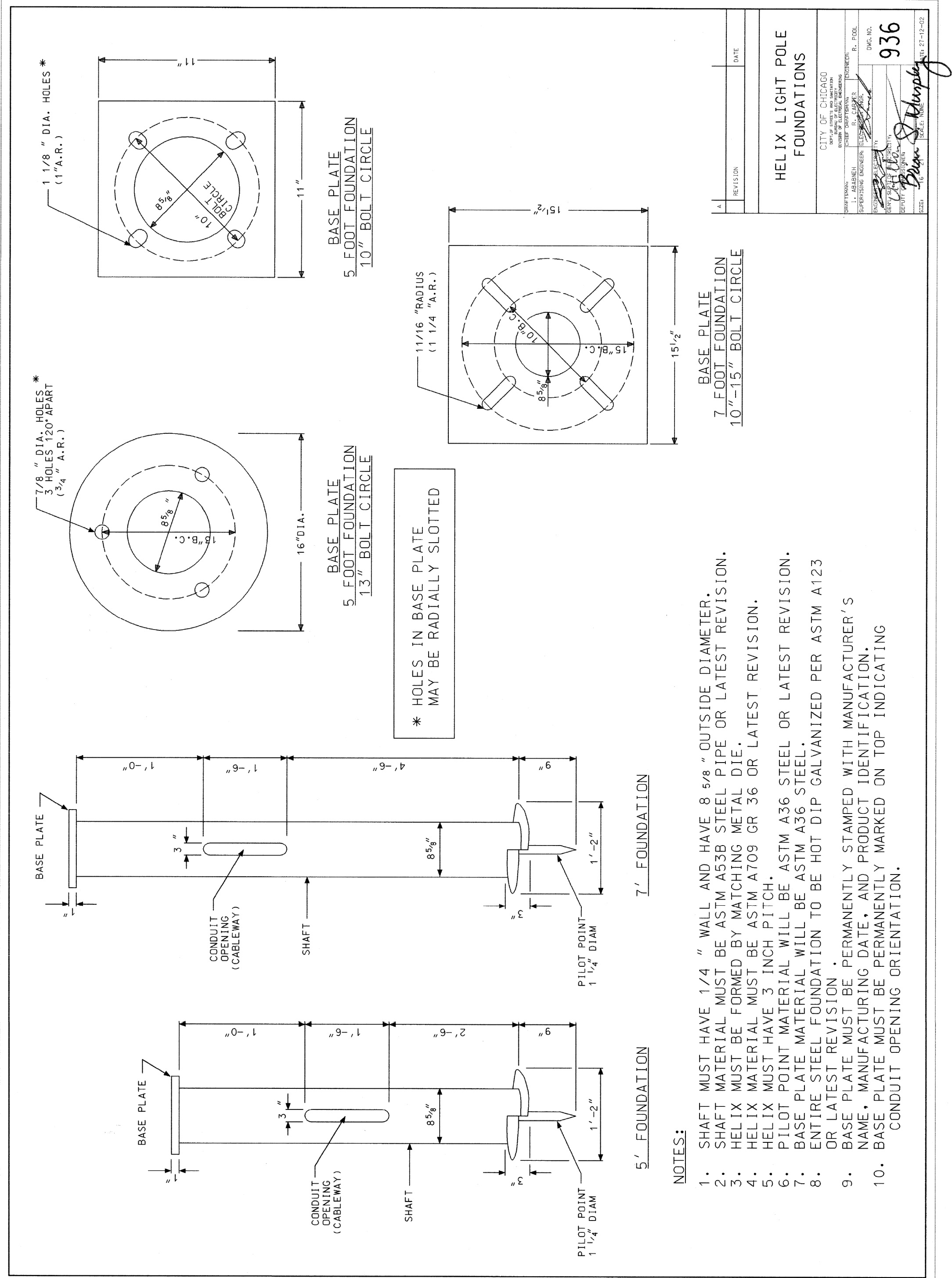
| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USER\$ | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:48 | DATE - 12/05/2024 | REVISED - |

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDOT ELECTRICAL
STANDARD DETAILS

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

| | | | | |
|---------------------------|---------|--------|--------------|-----------|
| FA RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 26 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



\\models\names
FILE NAME: 3012120204_CADD\CADD_Sheets\Compt's_Loomis St_E-12 CDOT Standard 989.dgn



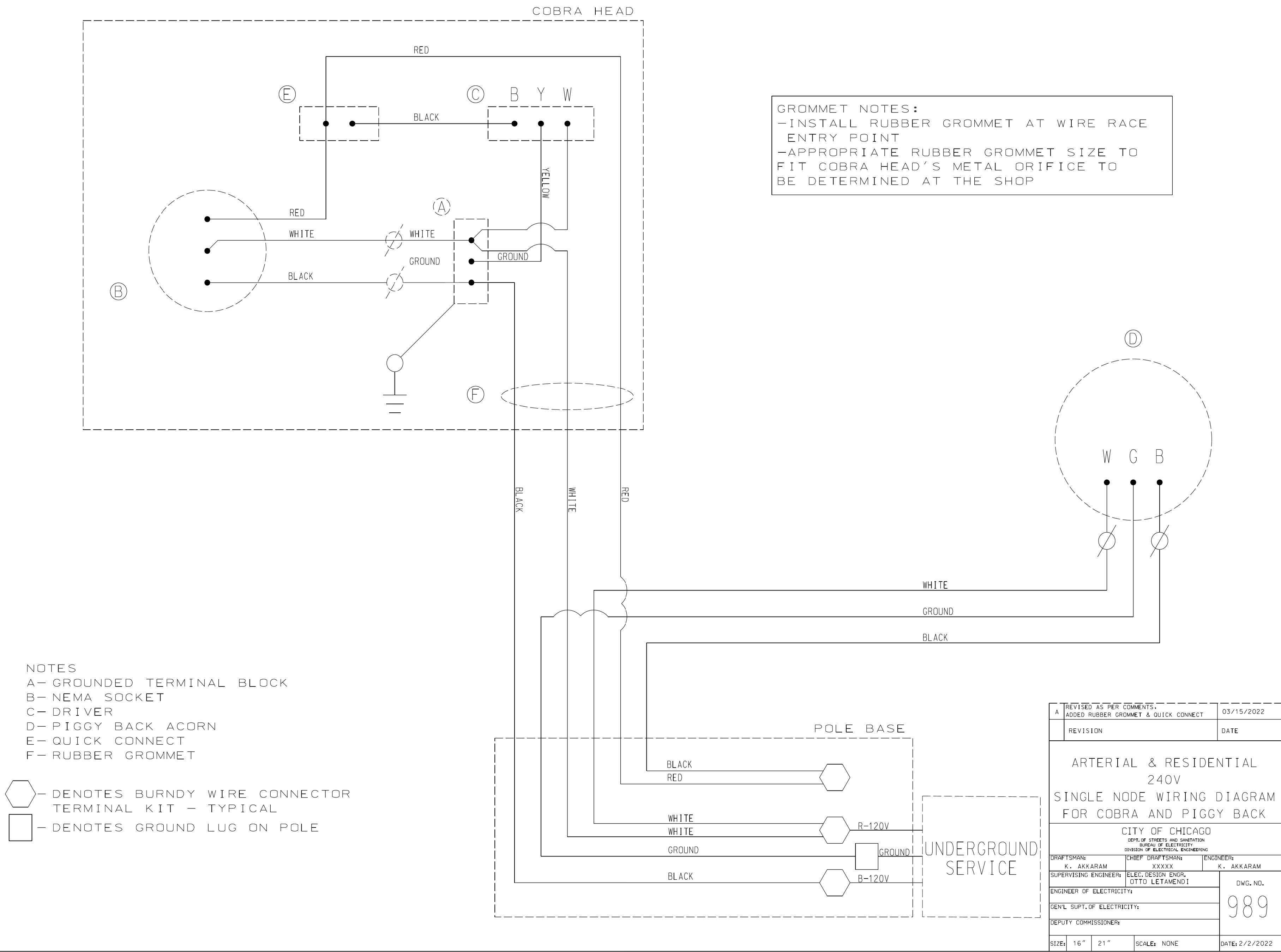
| | | |
|-------------------------------|-------------------|-----------|
| USER NAME = \$USERS | DESIGNED - JVD | REVISED - |
| | DRAWN - JVD | REVISED - |
| PLOT SCALE = \$\$SCALE\$ | CHECKED - RP / MG | REVISED - |
| PLOT DATE = 16-DEC-2024 08:48 | DATE - 12/05/2024 | REVISED - |

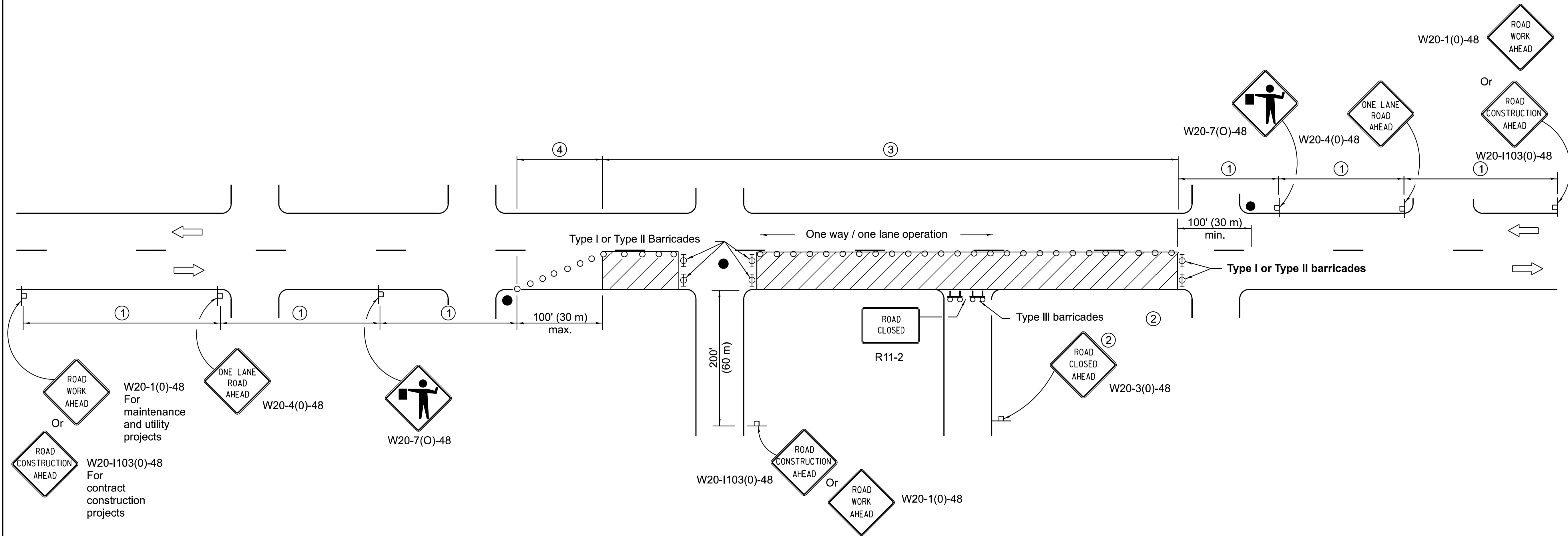
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDOT ELECTRICAL
STANDARD DETAILS

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 27 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |





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

SYMBOLS

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

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

GENERAL NOTES

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

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

Illinois Department of Transportation

APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

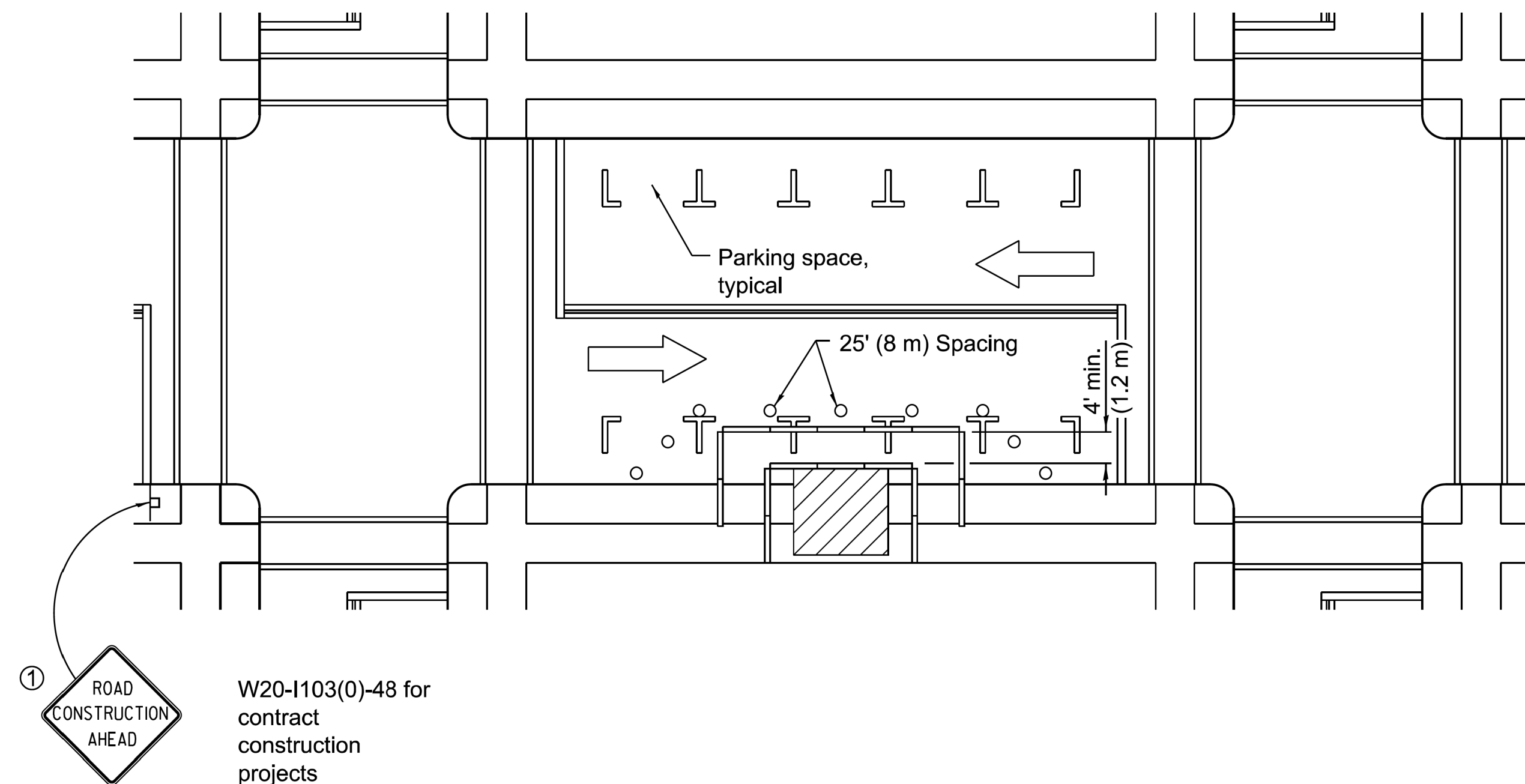
ISSUED 1-1-97

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

URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED

STANDARD 701501-06

MODEL: D:\default
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\Uoomis 120th to 940' South\Sheets\22-Uomis-sh-standard-01.dgn



GENERAL NOTES

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

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

Temporary facilities shall be detectable and accessible.

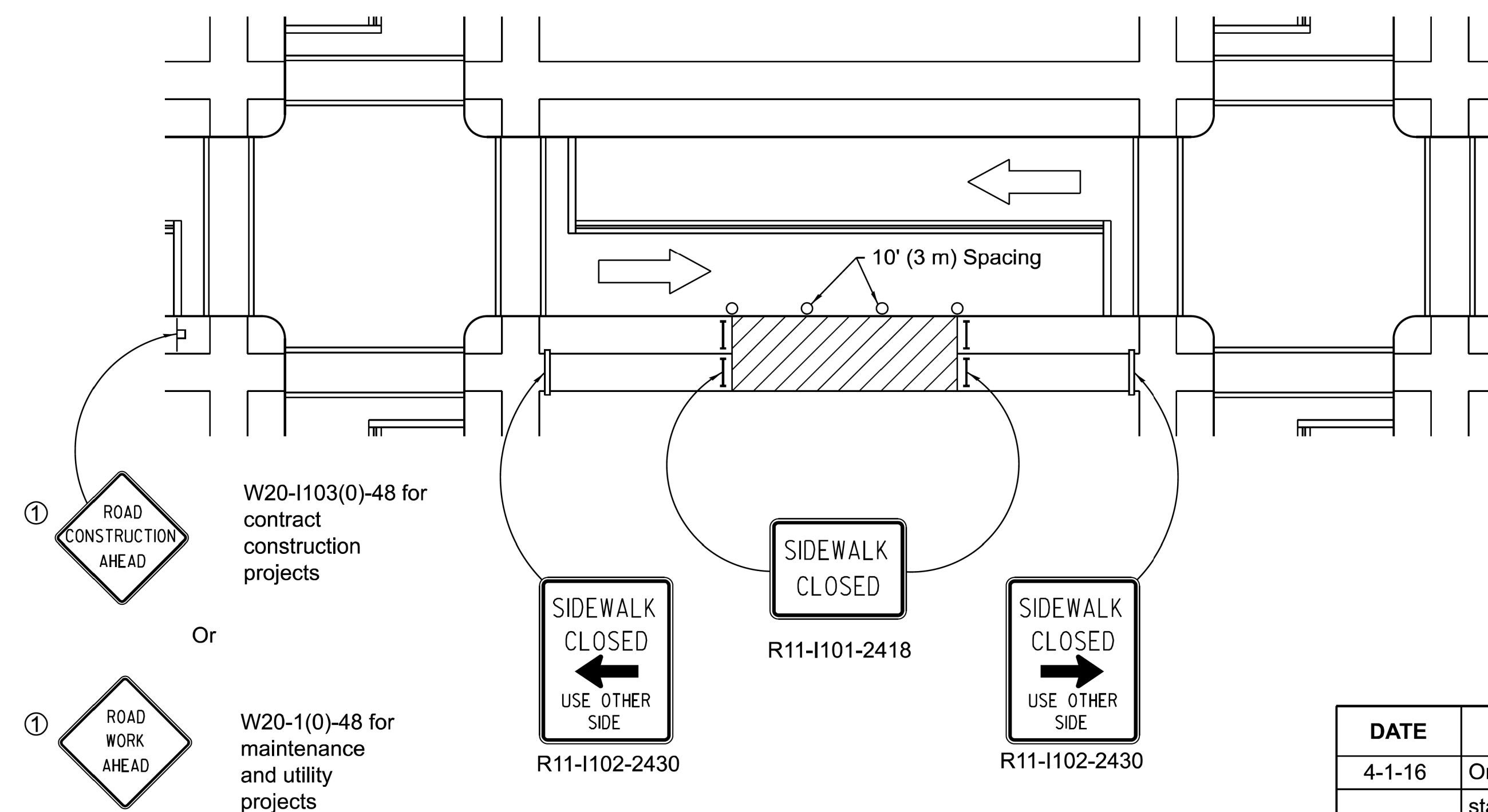
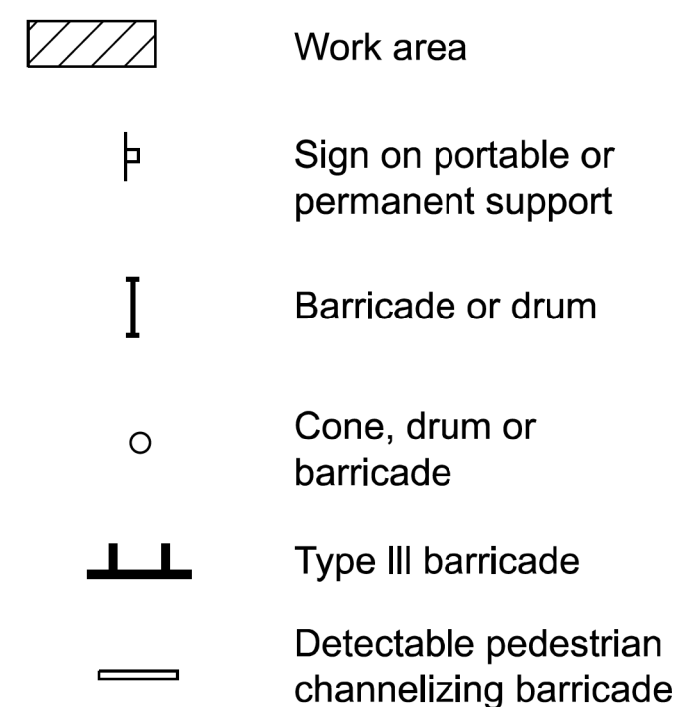
The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.


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

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

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

SYMBOLS




 Illinois Department of Transportation

APPROVED _____ January 1, 2016
Amelia Davis

ENGINEER OF SAFETY ENGINEERING

APPROVED _____ January 1, 2016
[Signature]

ENGINEER OF DESIGN & ENVIRONMENT

ISSUED 1-1-97

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



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

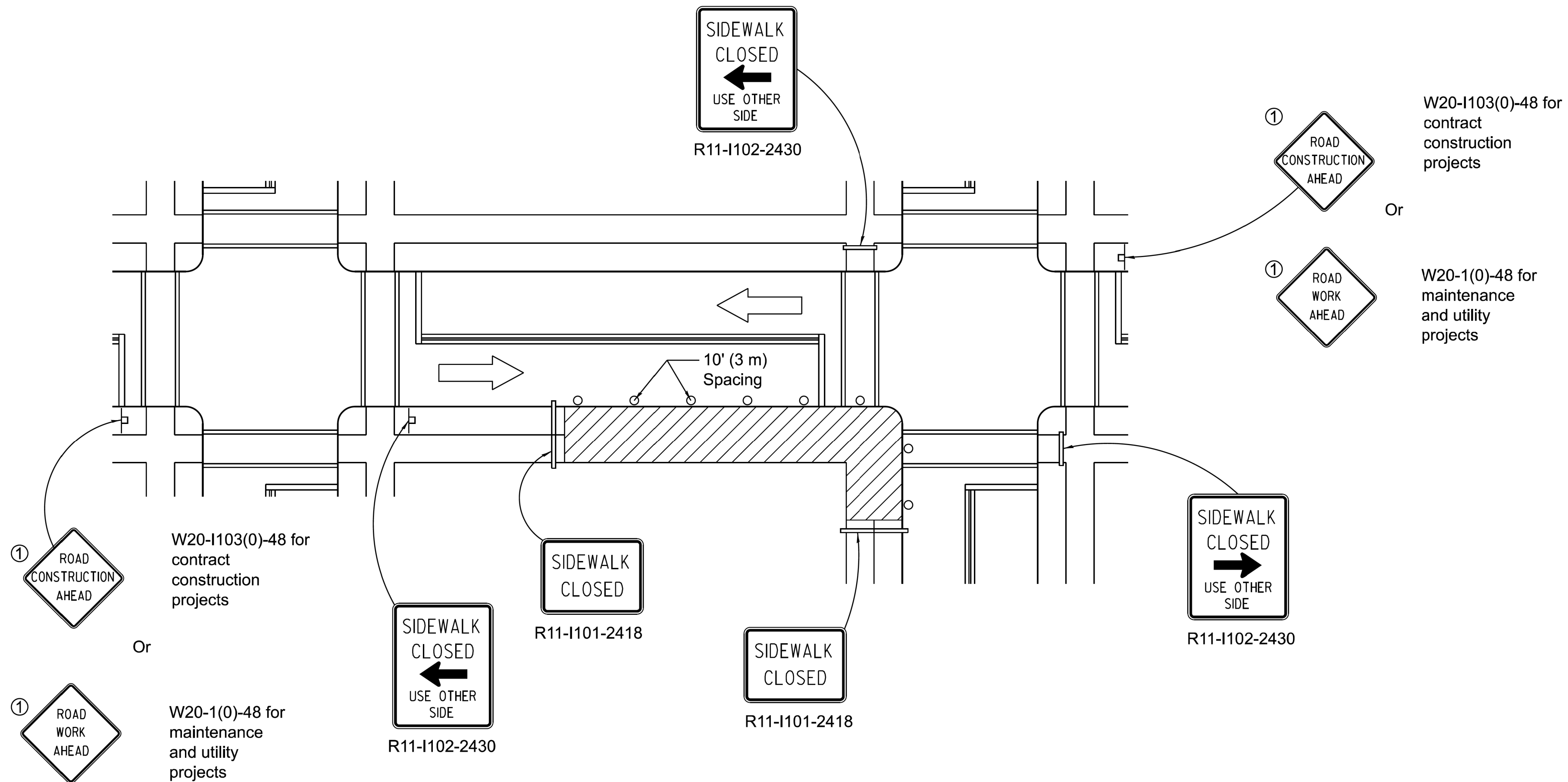
**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

IDOT HIGHWAY STANDARDS

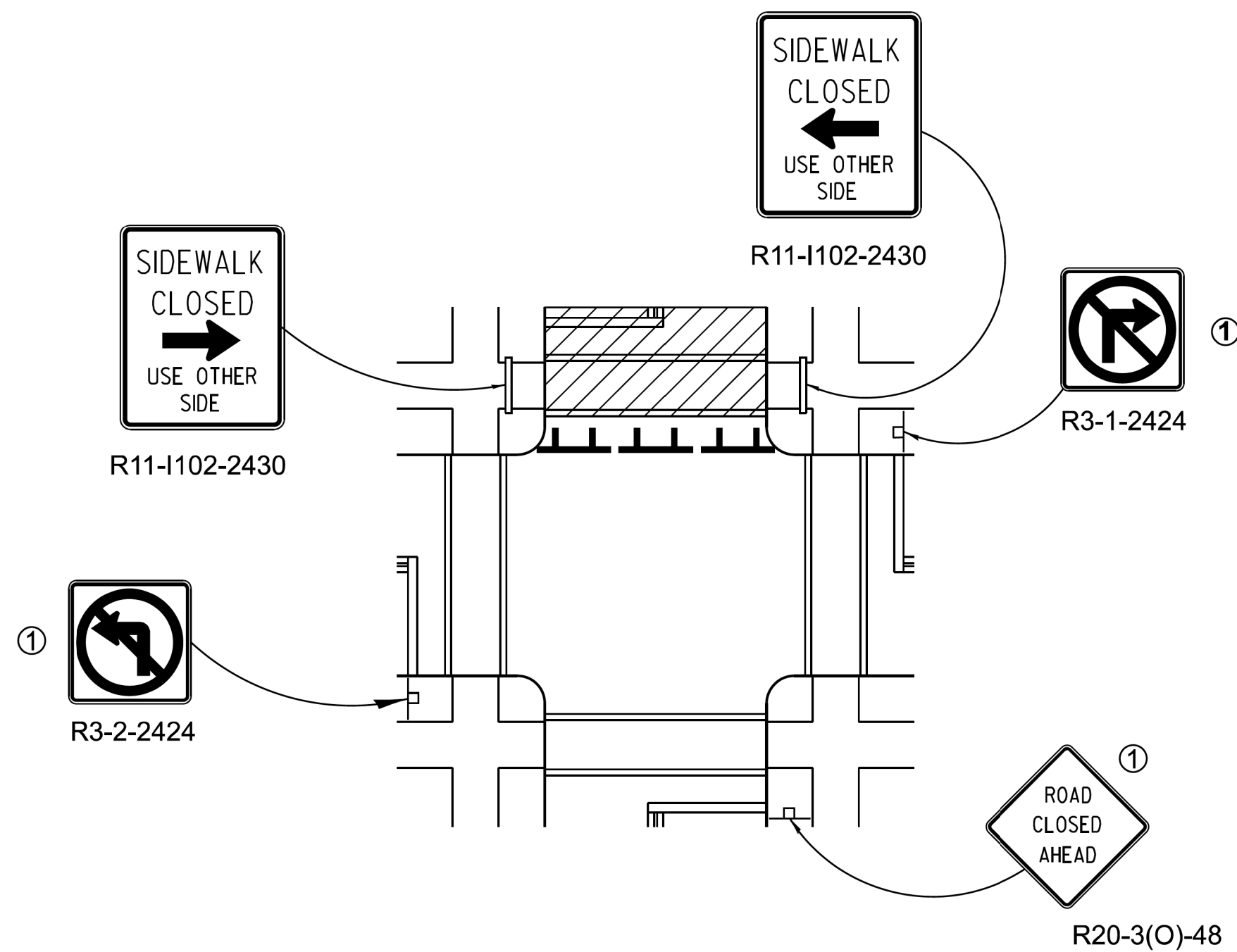
| | | | | |
|--------|---------|--------------|------|---------|
| SCALE: | SHEET 2 | OF 22 SHEETS | STA. | TO STA. |
|--------|---------|--------------|------|---------|

| | | | | |
|--------------|---------|--------------------|------------------|--------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 29 |
| | | CONTRACT NO. C1617 | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
FILE NAME: Z:\118-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\Uoomis 120th to 940' South\Sheet\22-Uoomis-sh-standard-03.dgn



CORNER CLOSURE



CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

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

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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

IDOT HIGHWAY STANDARDS

SCALE: SHEET 3 OF 22 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 30 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- * 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.

| | |
|-------------------------|-----------------------------------|
| UNLESS OTHERWISE SHOWN: | |
| DATE | REVISIONS |
| 1-1-24 | Revised Type III Barricade notes |
| | (sht. 3) & moved warning light on |
| | post mounted signs to top center. |
| 1-1-19 | Revised cones usage and added |
| | cones > 36" (900 mm) height. |
| | |

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-09

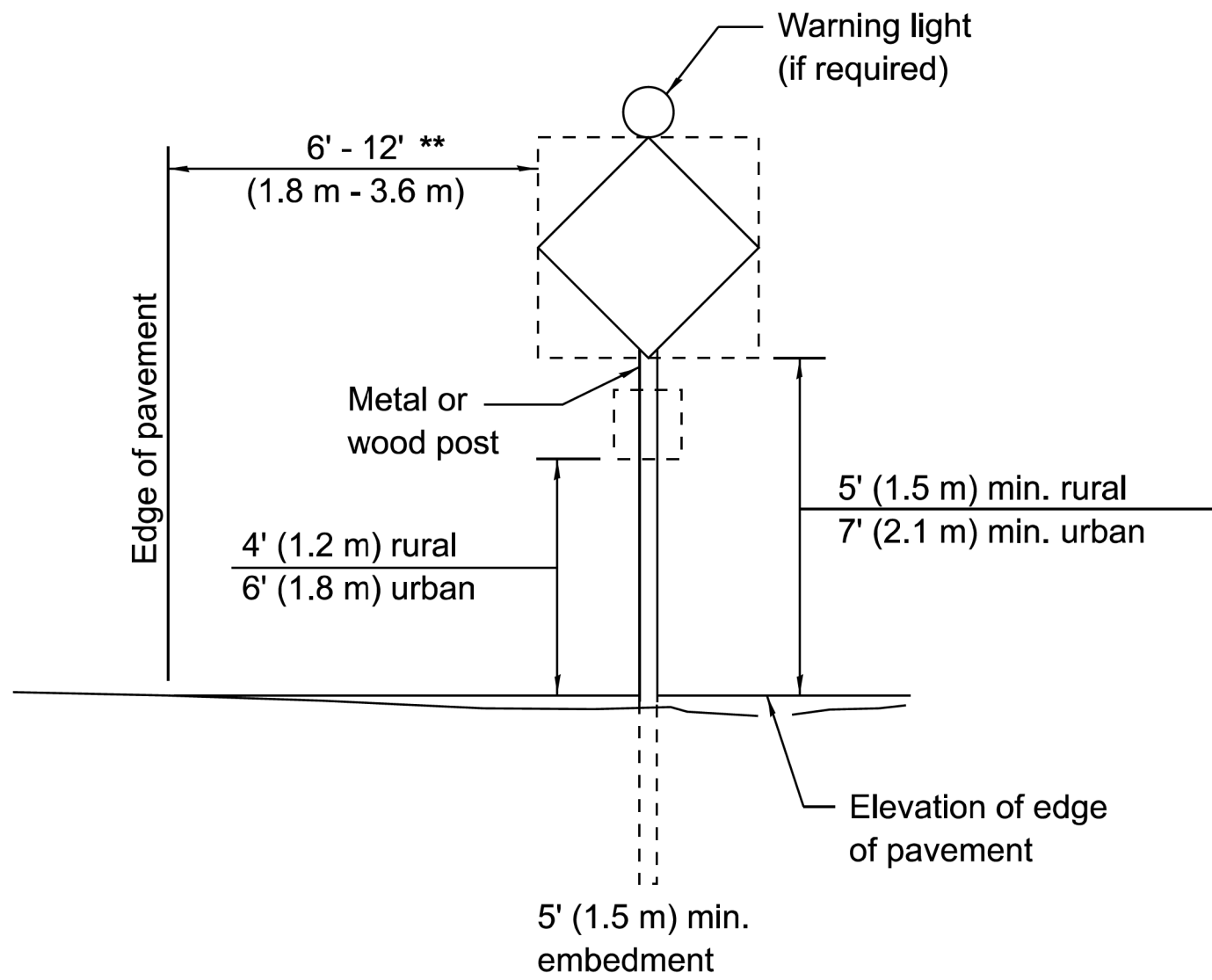
| | | |
|----------------------------|-----------------|---------------------------|
| USER NAME = mike.thon | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 10.000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/13/2024 | DATE 12/13/2024 | ISSUED FOR BID 12/13/2024 |

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

IDOT HIGHWAY STANDARDS

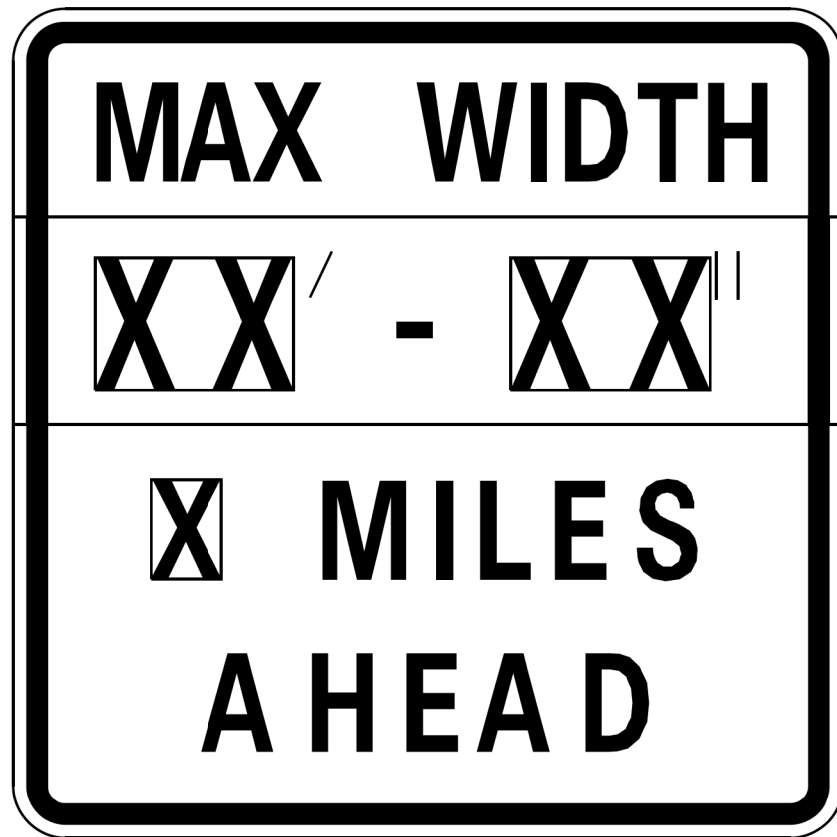
| | | | | |
|--------|---------|--------------|-----|--------|
| SCALE: | SHEET 4 | OF 22 SHEETS | STA | TO STA |
|--------|---------|--------------|-----|--------|

| | | | | |
|--------------|---------|--------------------|-----------------|--------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 31 |
| | | CONTRACT NO. C1617 | | |
| | | UNIONS | | |
| | | FED. AID PROJECT | | |



POST MOUNTED SIGNS

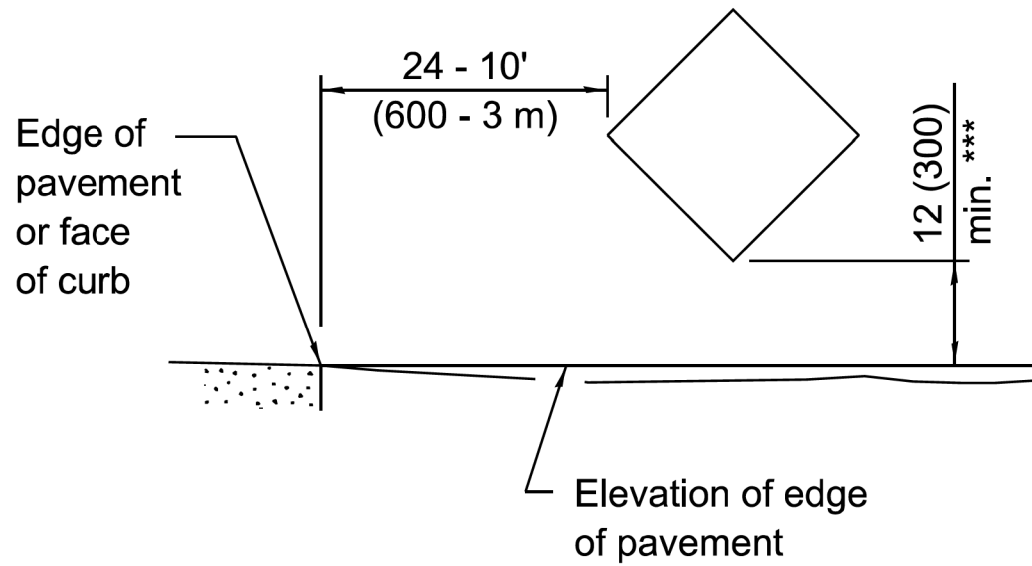
** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



W12-I103-4848

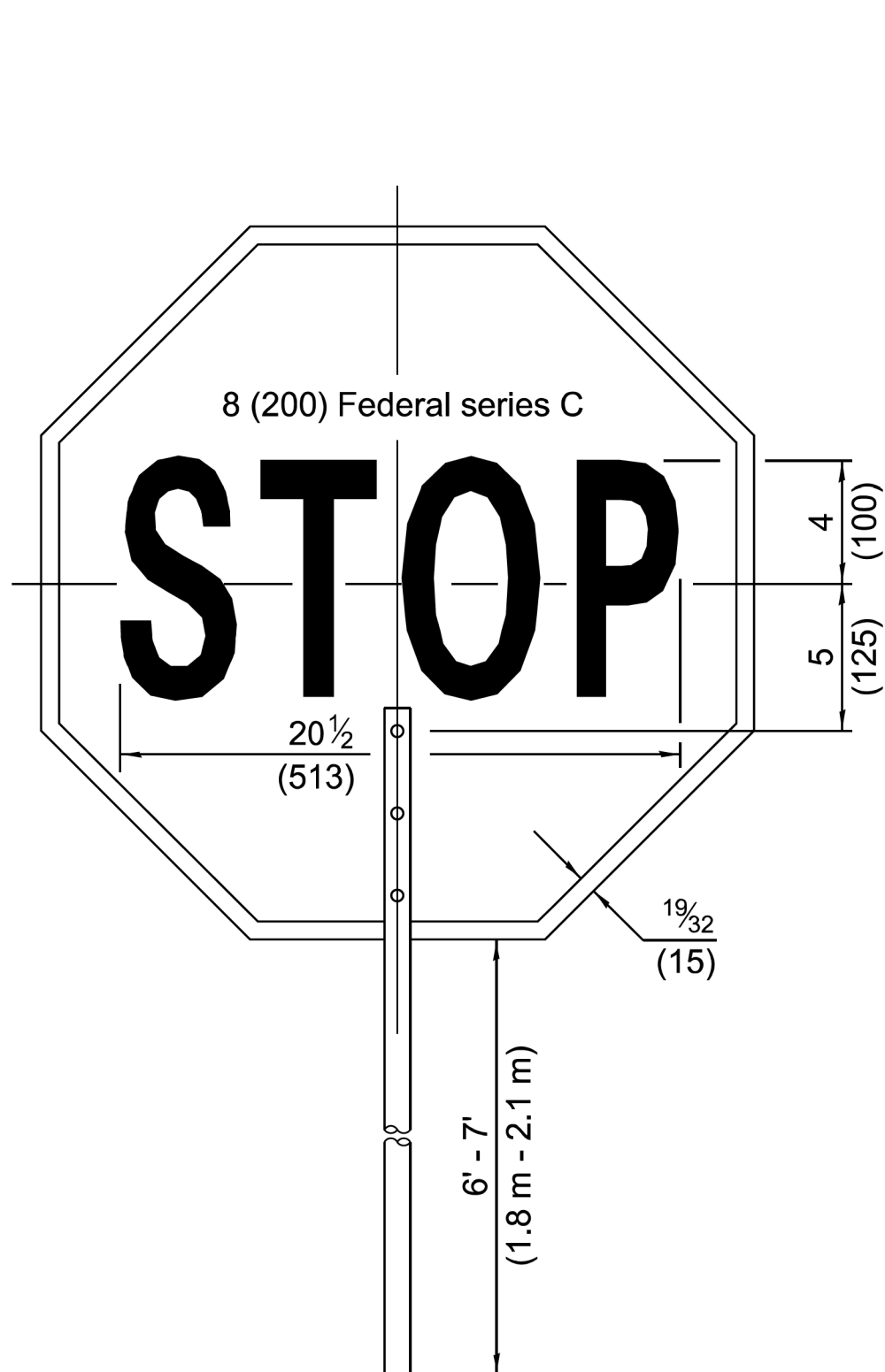
WIDTH RESTRICTION SIGN

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

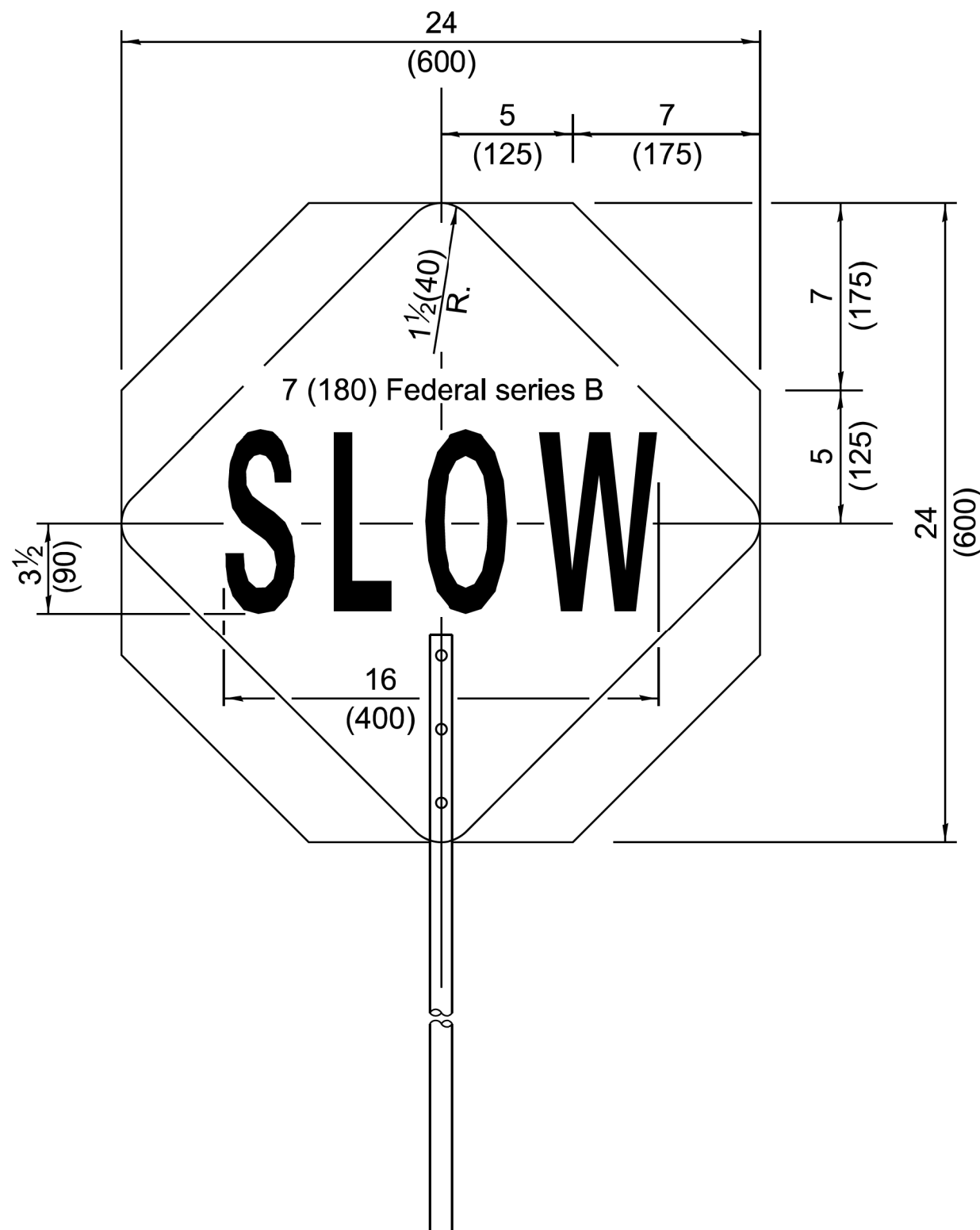


SIGNS ON TEMPORARY SUPPORTS

*** 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.

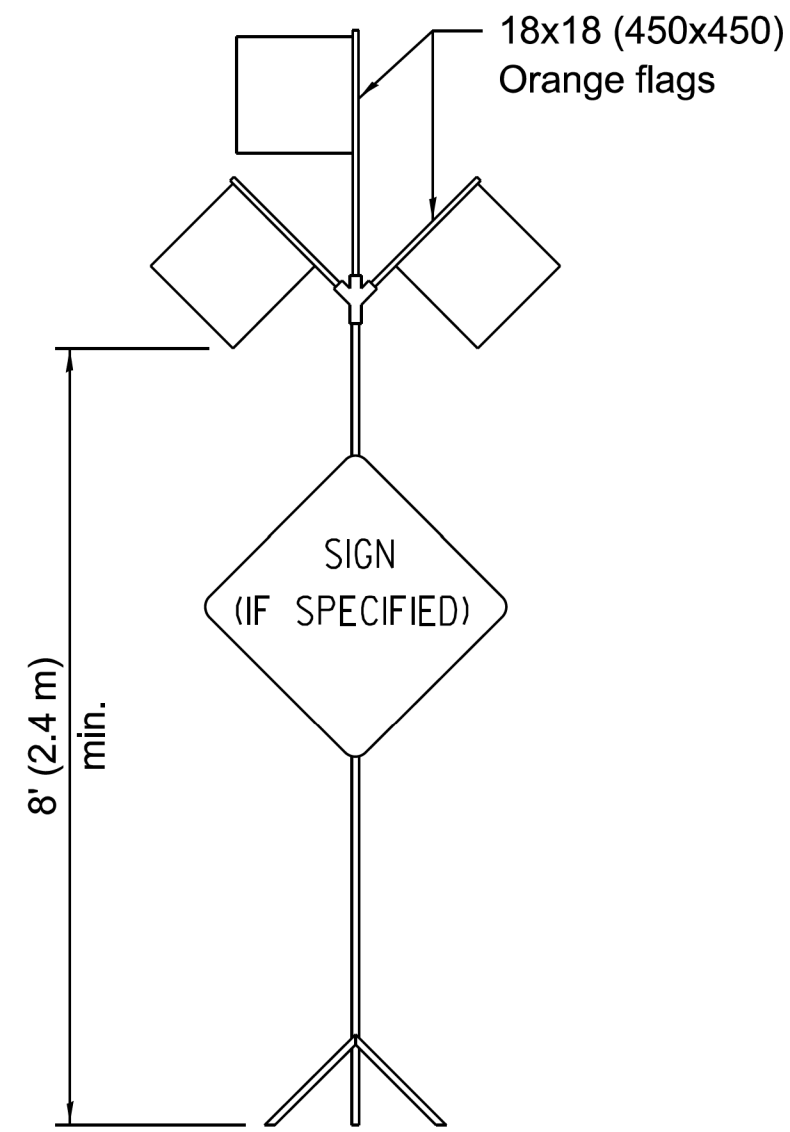


FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



HIGH LEVEL WARNING DEVICE



G20-I104(0)-6036



G20-I105(0)-6024

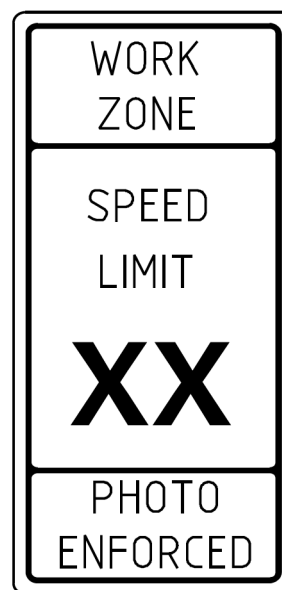
This signing is required for all projects 2 miles (3200 m) or more in length.

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-III5(0)-3618

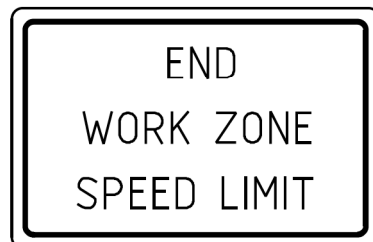
R2-1-3648

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.

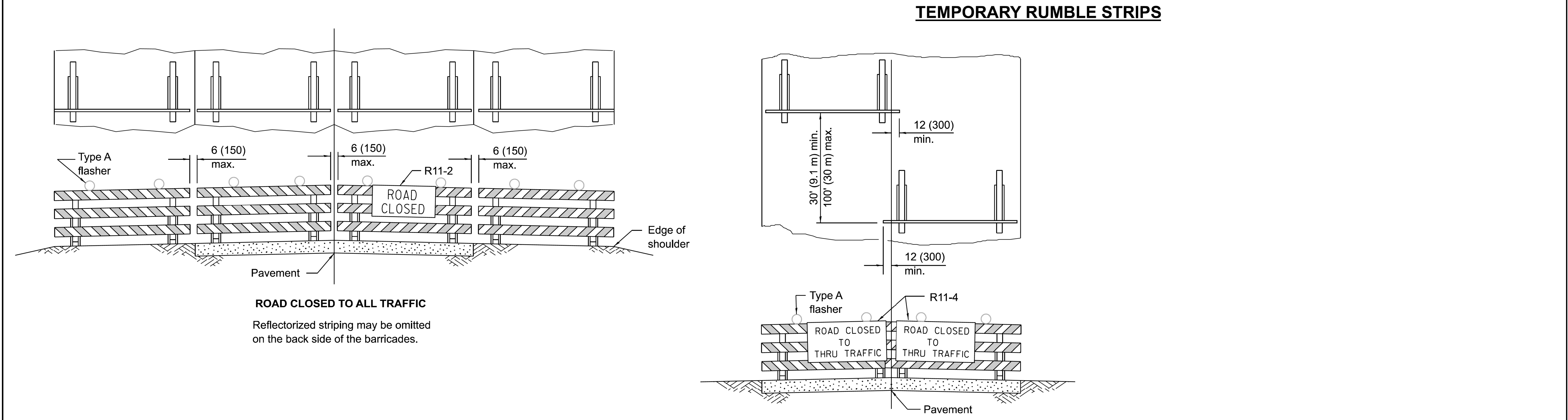
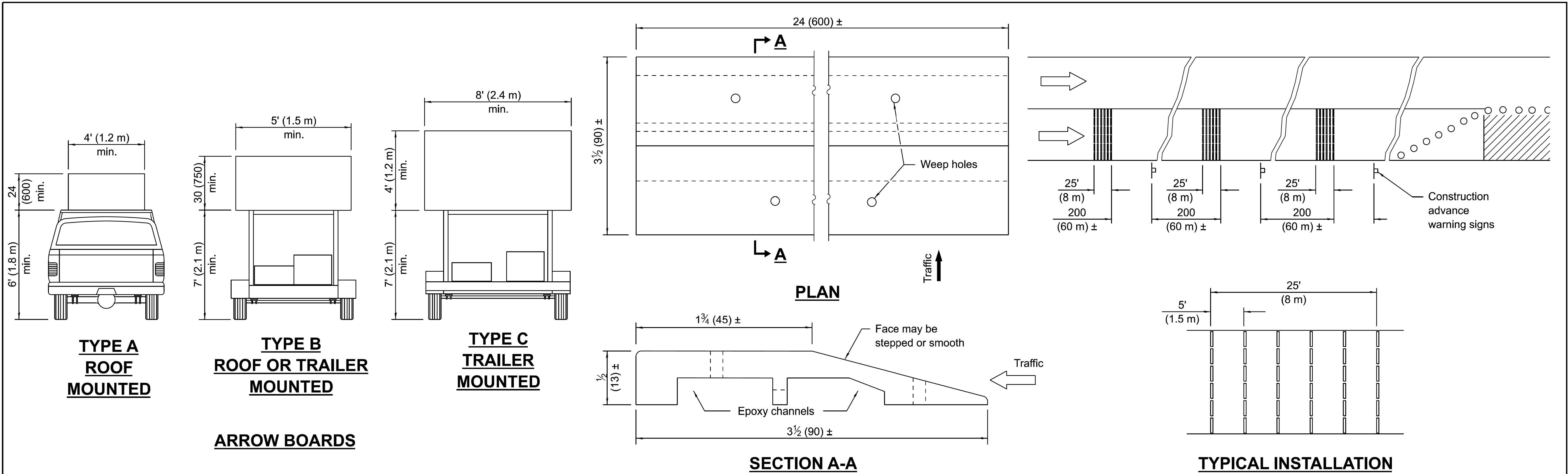
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-09

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

MODEL: Default
FILE NAME: 21118-0016-03 CDOT 738719 WPA StreetsProject150 Design\CDOT\2022\Icomis 120th to 940' South\Sheet322-Icomis-sh-standards-05.dgn



Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY PROGRAM AND ENGINEERING

APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

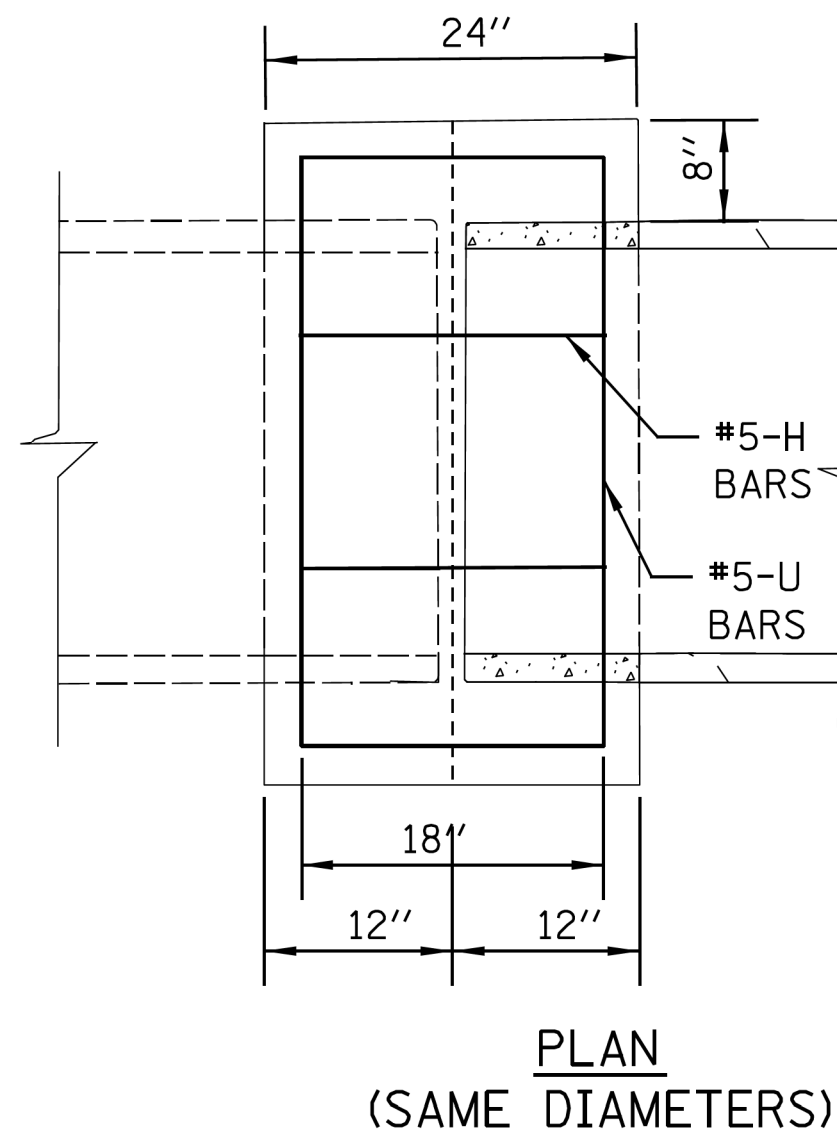
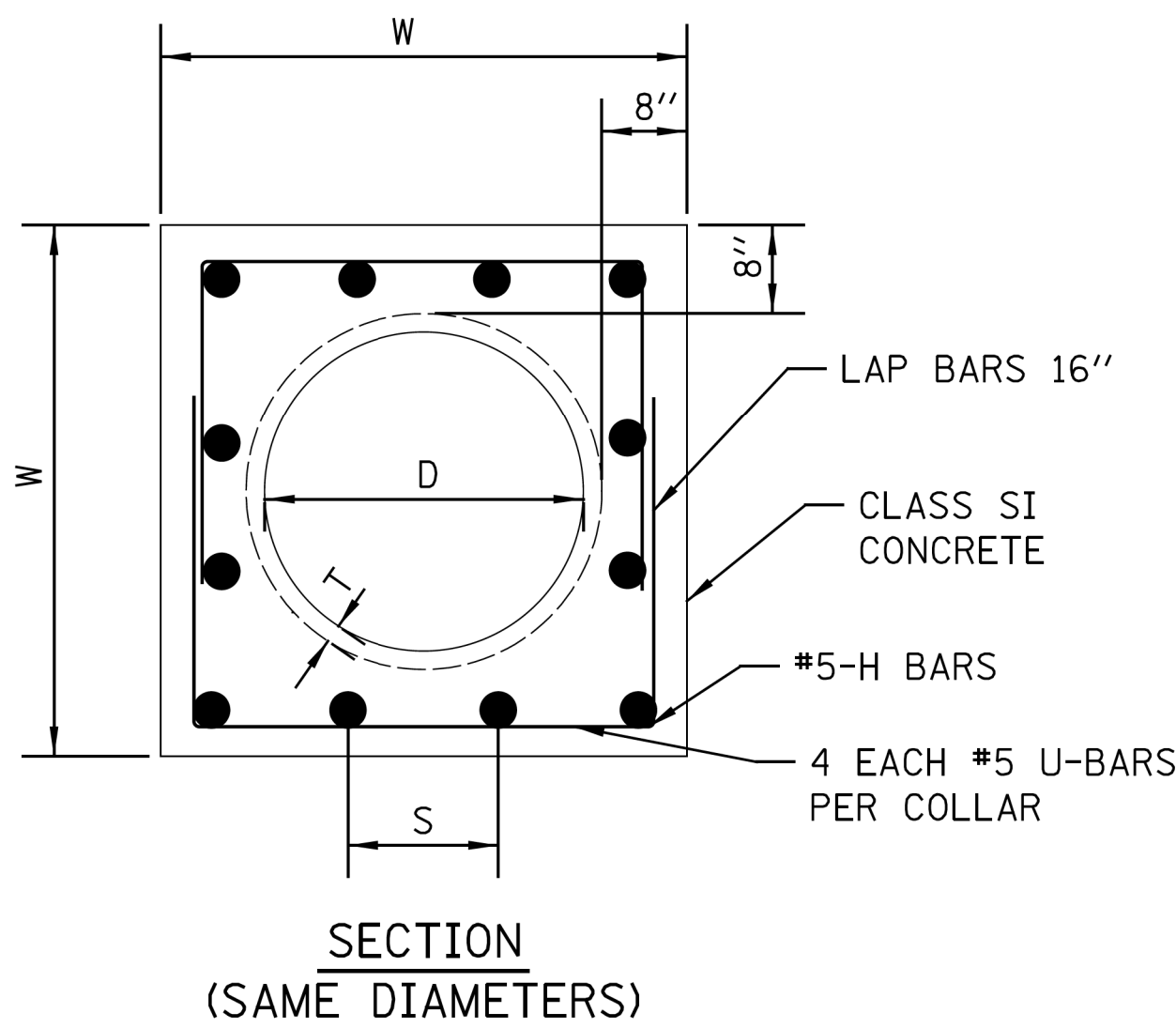
If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-09

MODEL: Default
FILE NAME: 21118-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\Uoomis 120th to 940' South\Sheet324-Uoomis-sh-std-standard-06.dgn

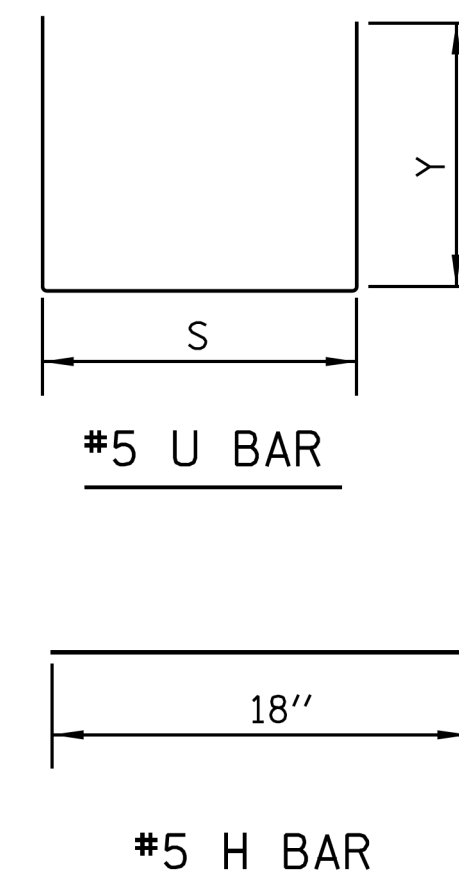
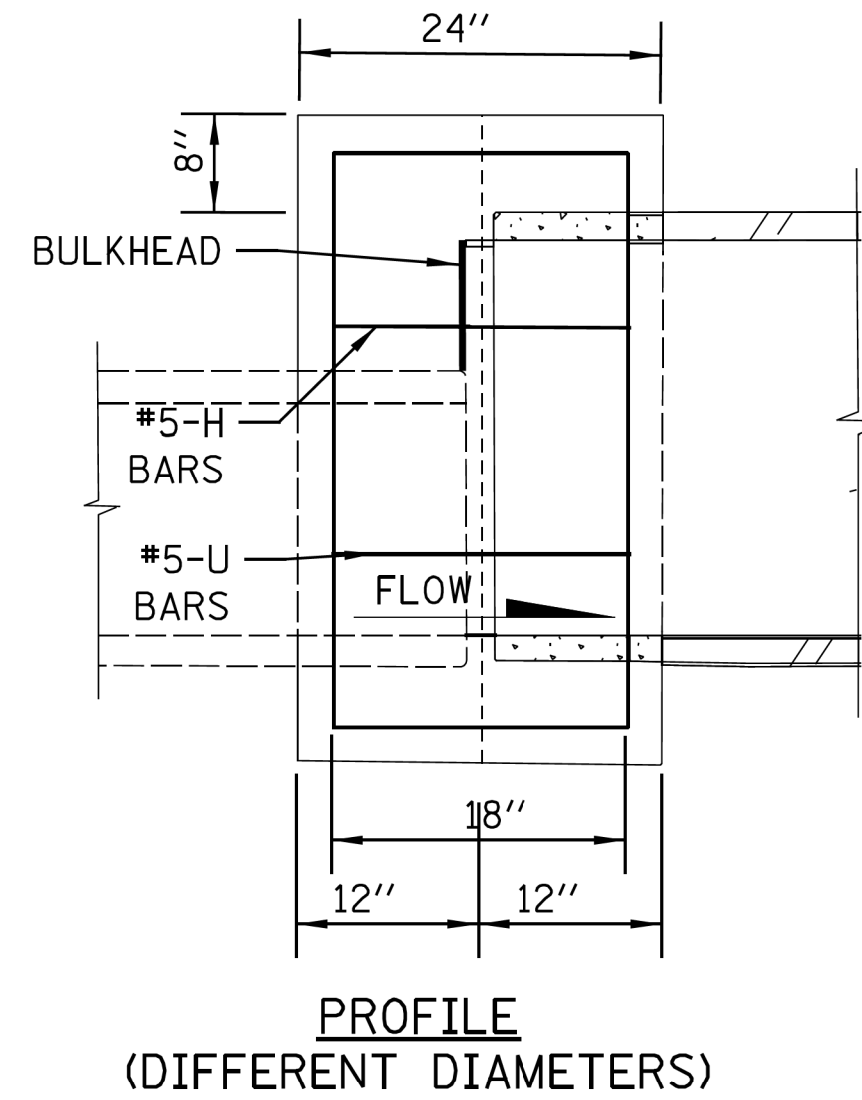
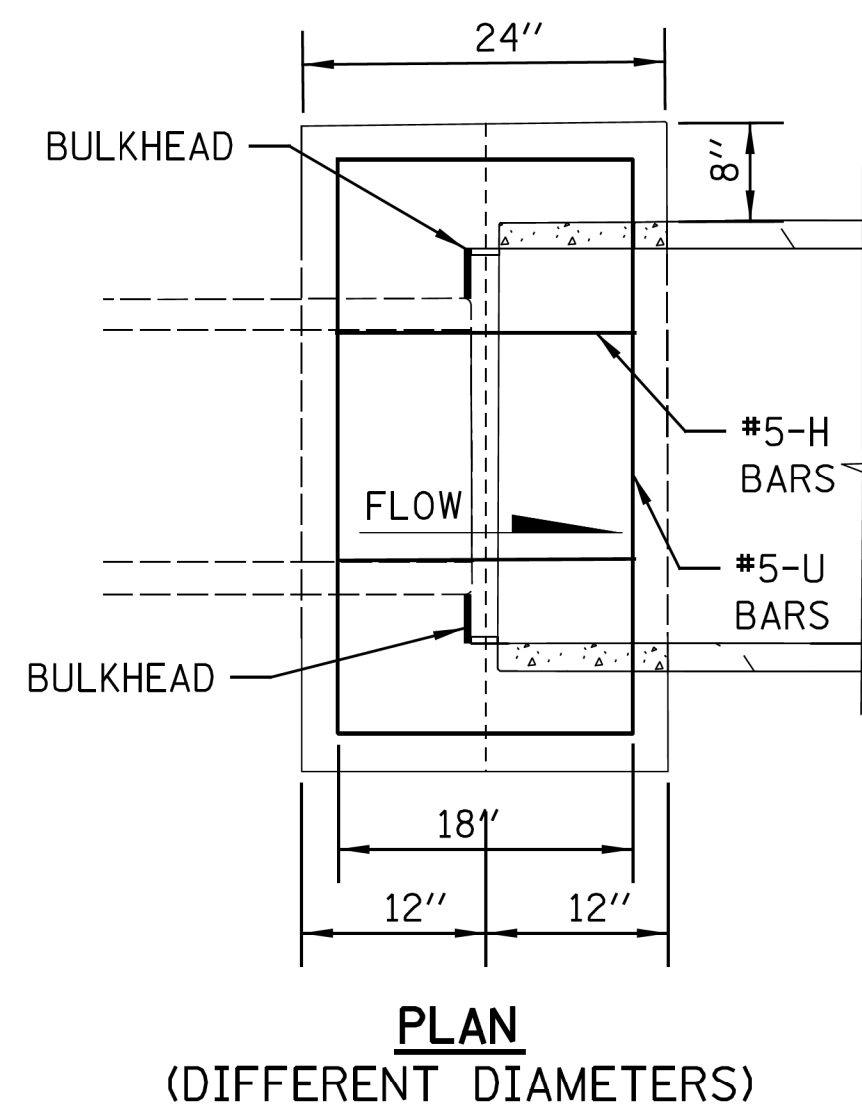
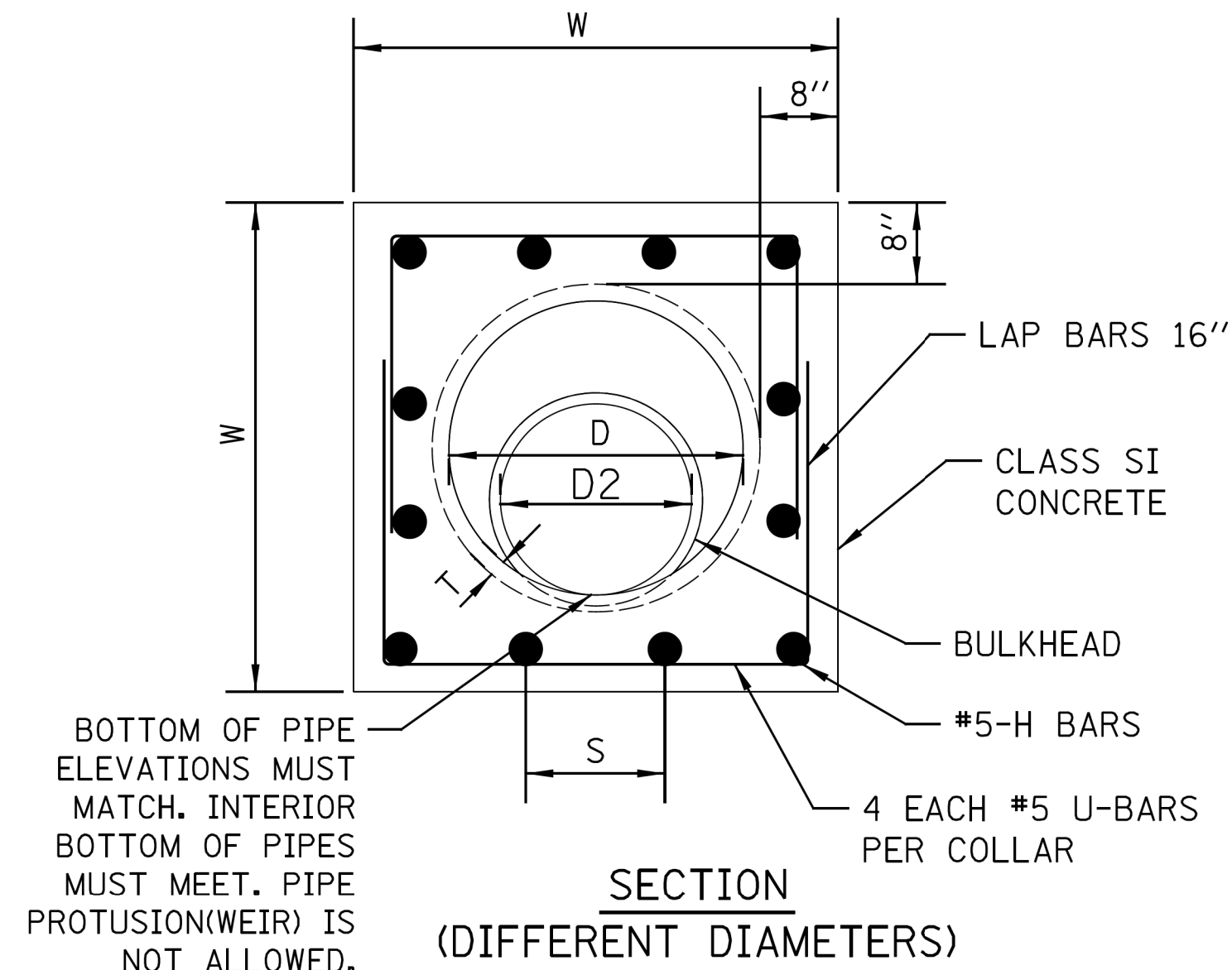


REINFORCED CONCRETE COLLAR CONNECTION BETWEEN SAME DIAMETER PIPES

SCALE: N.T.S.

| | | | U BAR | | | | H BAR | | | | |
|-----------|----------------|-------|-------|-------|--------|--------|--------|--------|--------|----------|----------------|
| D | T | W | | | | TOTAL | | | TOTAL | CLASS SI | |
| PIPE DIA. | PIPE THICKNESS | WIDTH | X | Y | QTY | LENGTH | S | QTY | LENGTH | CONCRETE | #5 EPOXY REBAR |
| (IN) | (IN) | (IN) | (IN) | (IN) | (EACH) | (FT) | (IN) | (EACH) | (FT) | (CU YD) | (LBS) |
| 24 | 3.00 | 46.0 | 40.00 | 28.00 | 4 | 32.0 | 9 5/8 | 16.0 | 24.0 | 0.72 | 58.4 |
| 27 | 3.25 | 49.5 | 43.50 | 29.75 | 4 | 34.3 | 10 1/2 | 16.0 | 24.0 | 0.81 | 60.8 |
| 30 | 3.50 | 53.0 | 47.00 | 31.50 | 4 | 36.7 | 11 3/8 | 16.0 | 24.0 | 0.89 | 63.3 |
| 33 | 3.75 | 56.5 | 50.50 | 33.25 | 4 | 39.0 | 9 4/5 | 20.0 | 30.0 | 0.98 | 72.0 |
| 36 | 4.00 | 60.0 | 54.00 | 35.00 | 4 | 41.3 | 10 1/2 | 20.0 | 30.0 | 1.07 | 74.4 |
| 42 | 4.50 | 67.0 | 61.00 | 38.50 | 4 | 46.0 | 9 7/8 | 24.0 | 36.0 | 1.26 | 85.5 |
| 48 | 5.00 | 74.0 | 68.00 | 42.00 | 4 | 50.7 | 11 1/8 | 24.0 | 36.0 | 1.46 | 90.4 |
| 54 | 5.30 | 86.0 | 80.00 | 48.00 | 4 | 58.7 | 11 1/8 | 28.0 | 42.0 | 1.82 | 105.0 |
| 60 | 6.00 | 92.0 | 85.00 | 51.00 | 4 | 62.7 | 10 1/2 | 32.0 | 48.0 | 2.02 | 115.5 |

NOTE: SPECIAL SE DESIGNED COLLAR REQUIRED FOR LARGER SIZES



NOTES

- IF DIFFERENT PIPE SIZES ARE BEING CONNECTED, STEEL REINFORCEMENT BARS SHALL BE SUPPLIED AS GIVEN IN TABLE BELOW FOR THE LARGER DIAMETER PIPE.
- CONTRACTOR SHALL PROVIDE BULKHEAD TO KEEP CONCRETE FROM SPILLING INTO LARGER PIPE. BULKHEAD MUST BE REMOVED, OR LEFT IN PLACE, ONLY AS APPROVED BY THE COMMISSIONER.

REINFORCED CONCRETE COLLAR CONNECTION BETWEEN DIFFERENT DIAMETER PIPES

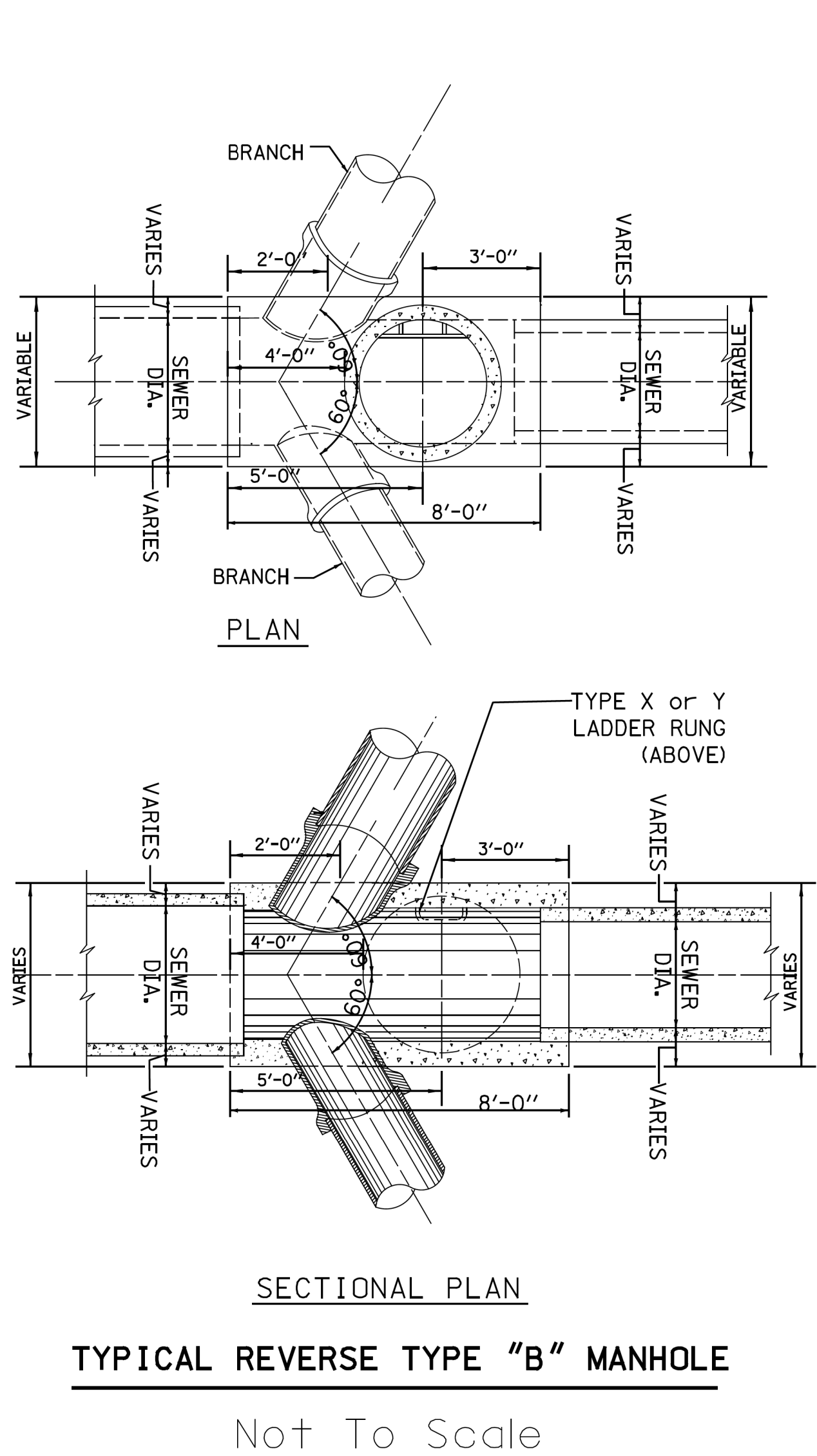
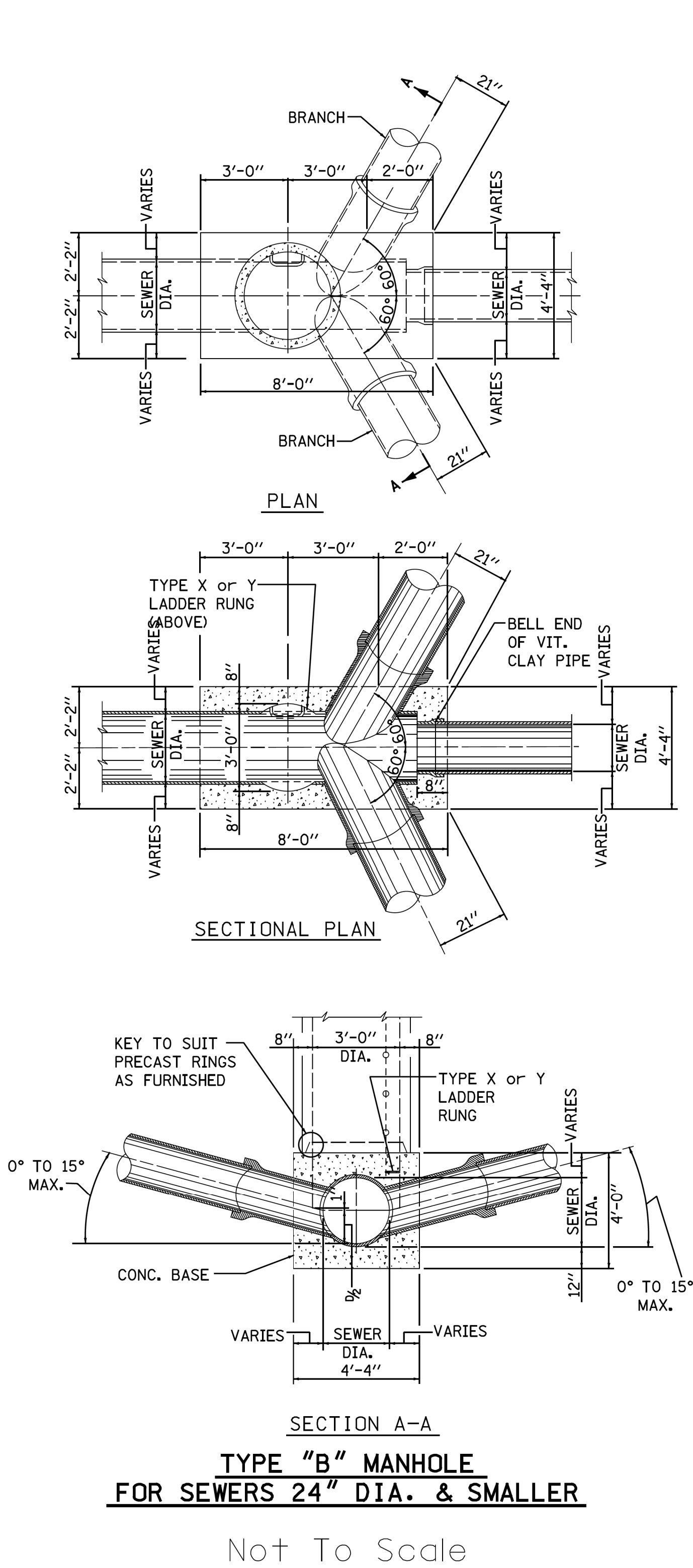
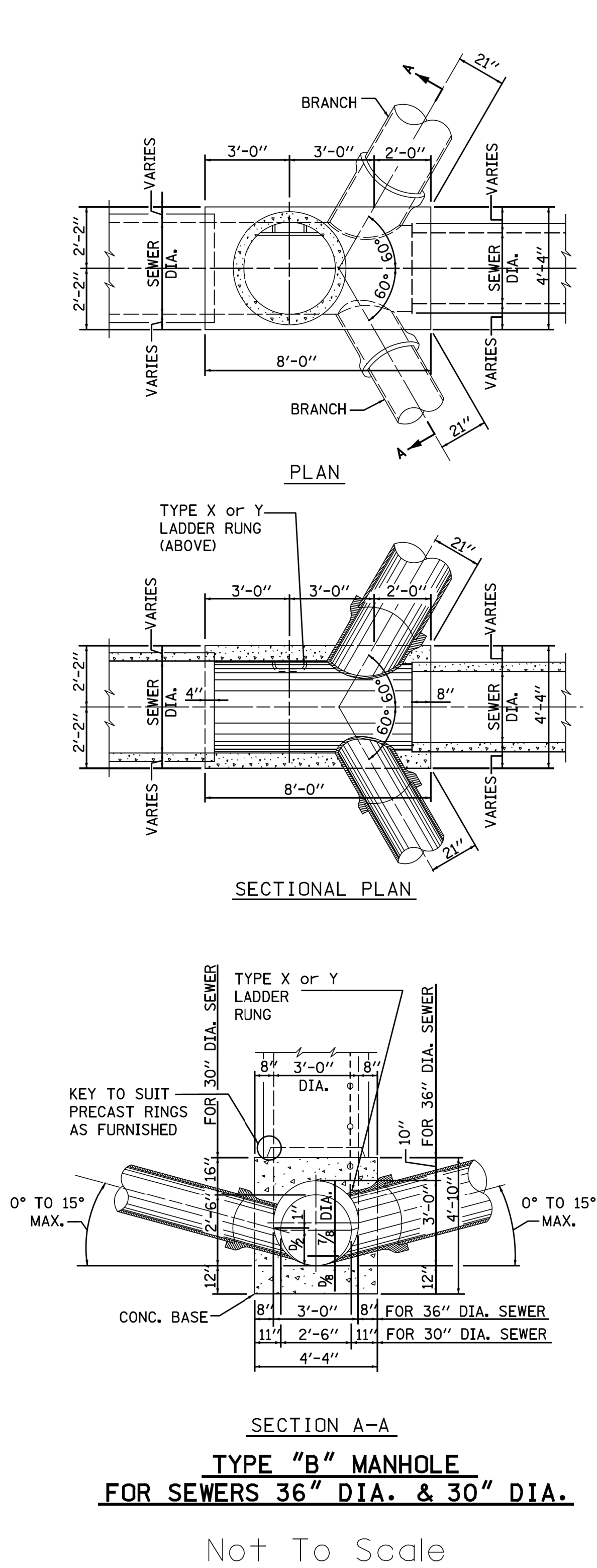
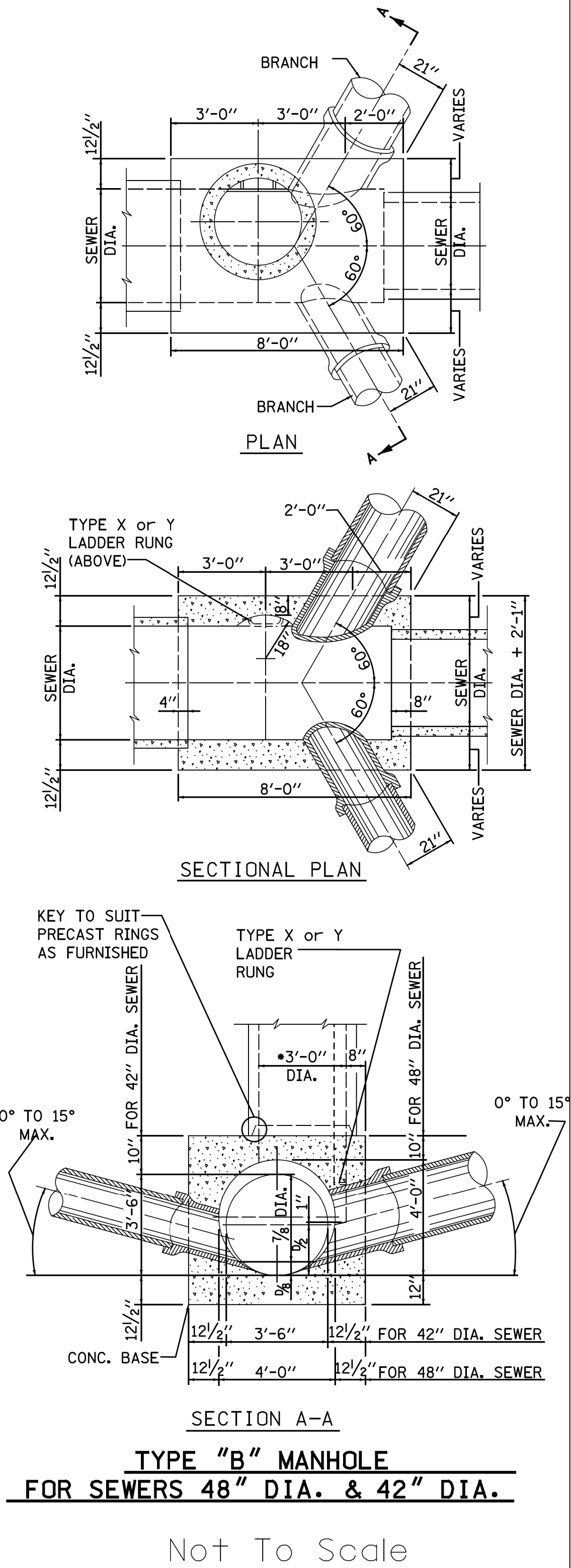
SCALE: N.T.S.

| STANDARD REVISIONS | | PERCENT COMPLETE | DATE | CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES | DRAWN: SBK DESIGNED: CHECKED: REVIEWED: A.5 |
|--------------------|---------------|------------------|------|---|---|
| DATE | DESCRIPTION | | | | |
| 1/4/23 | APPROVED PLAN | 30 | | CONCRETE COLLAR DETAILS BETWEEN DISSIMILAR PIPE MATERIALS | ____ OF ____ PN ____ |
| | | 60 | | | |
| | | 75 | | | |
| | | 90 | | | |
| | | 100 | | | |
| | | BULLETIN | | | |

\$FILE\$
\$DATE\$

CDWM_Details.cel 1/4/2023 9:20:29 AM

MODEL: Default
FILE NAME: Z:\13-0016-03 CDOT 738719 WPA Streets\Project\50_Design\CDOT\2022\Uomis_120th to 940' South\Sheets\22-Uomis-sh-detail-00.dgn



- 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.12 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

| STANDARD REVISIONS | |
|--------------------|---------------|
| DATE | DESCRIPTION |
| 9/19/17 | APPROVED PLAN |
| | |
| | |
| | |
| | |

| PERCENT COMPLETE | DATE | CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES | | DRAWN DESIGNED CHECKED REVIEWED | SEW NO. |
|------------------|------|---|--|--|------------|
| 30 | | TYPE "B" MANHOLE | | A.10 | OF |
| 60 | | | | | |
| 75 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| BULLETIN | | | | PN | |

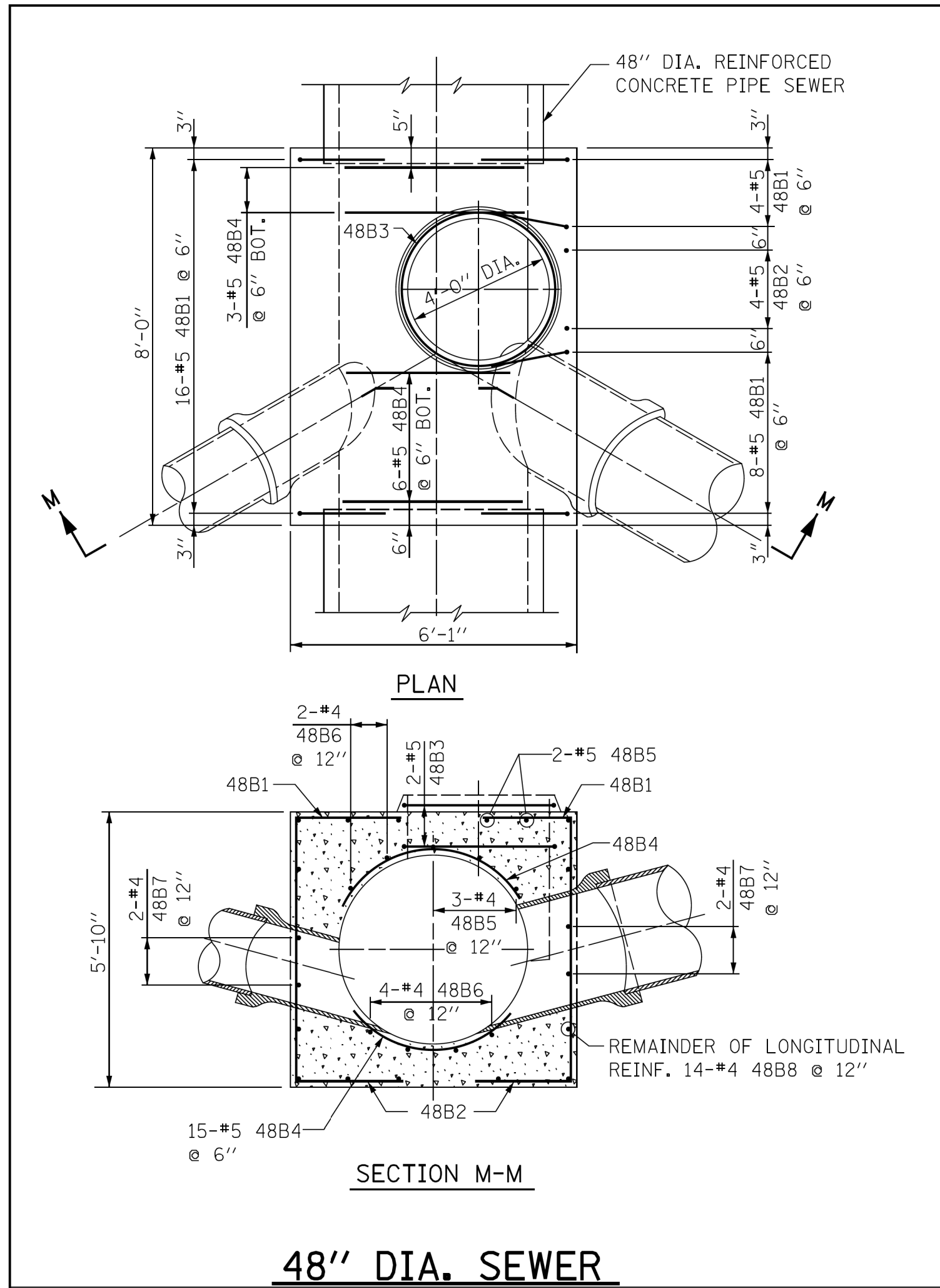
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|------------|-----------------|----------|--------------|----------------|--------------|
| USER NAME | = mike.thon | DESIGNED | - | REVISED | - |
| DRAWN | - | CHECKED | - | REVISED | - |
| PLOT SCALE | = 10.000' / in. | DATE | - 12/13/2024 | ISSUED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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

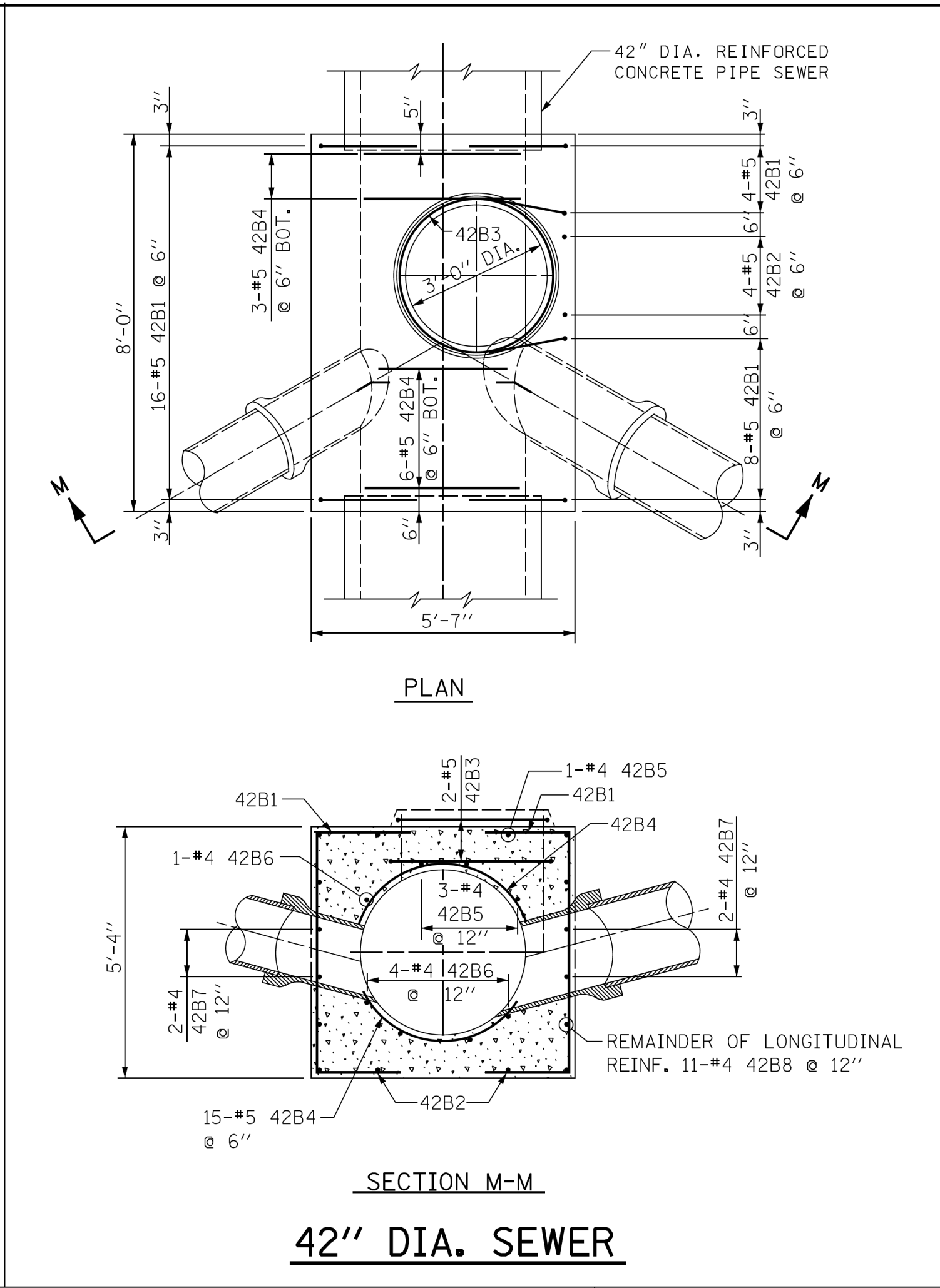
CDWM SEWER DETAILS

SCALE: SHEET 8 OF 22 SHEETS STA. TO STA.

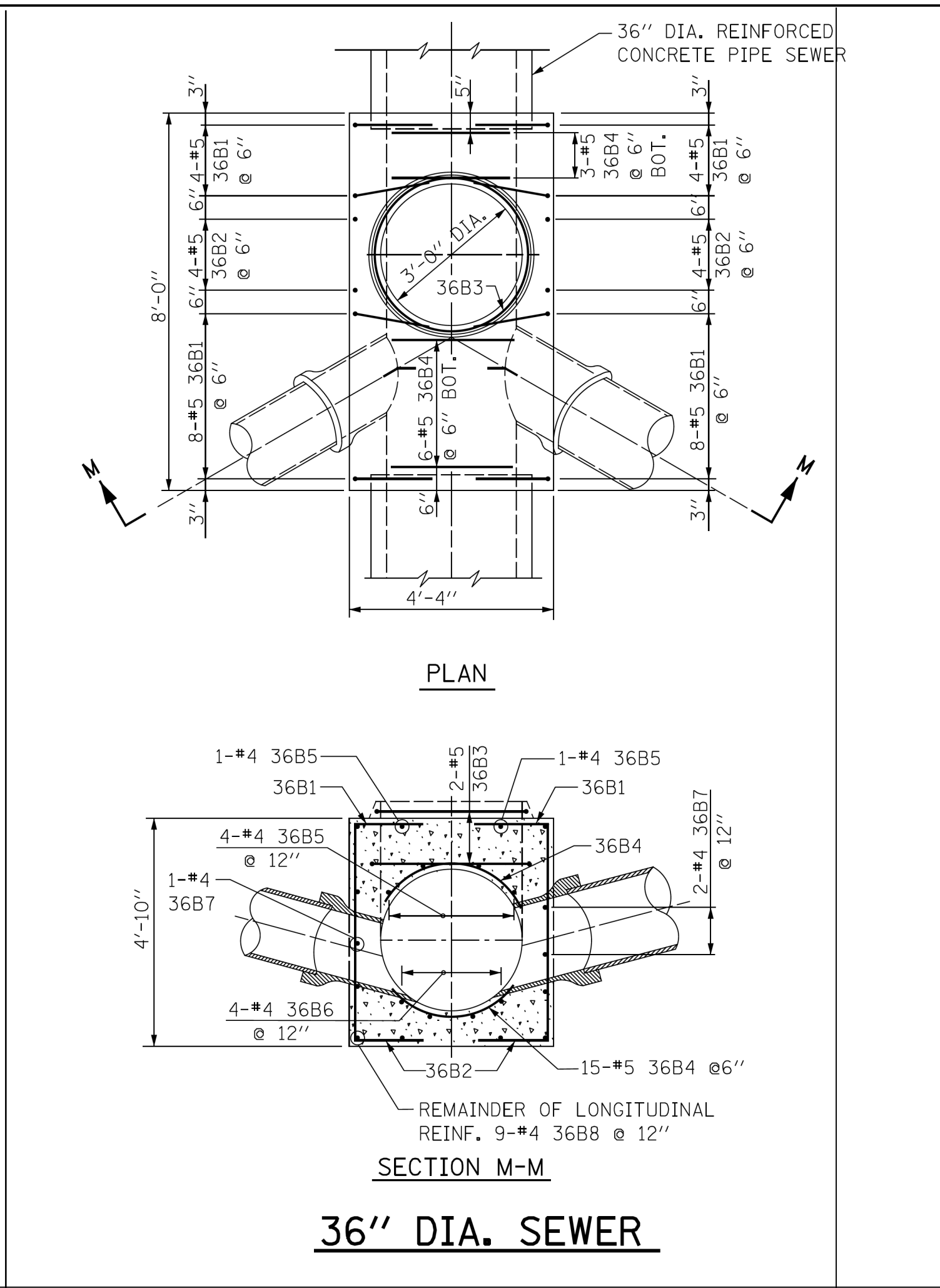
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 35 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



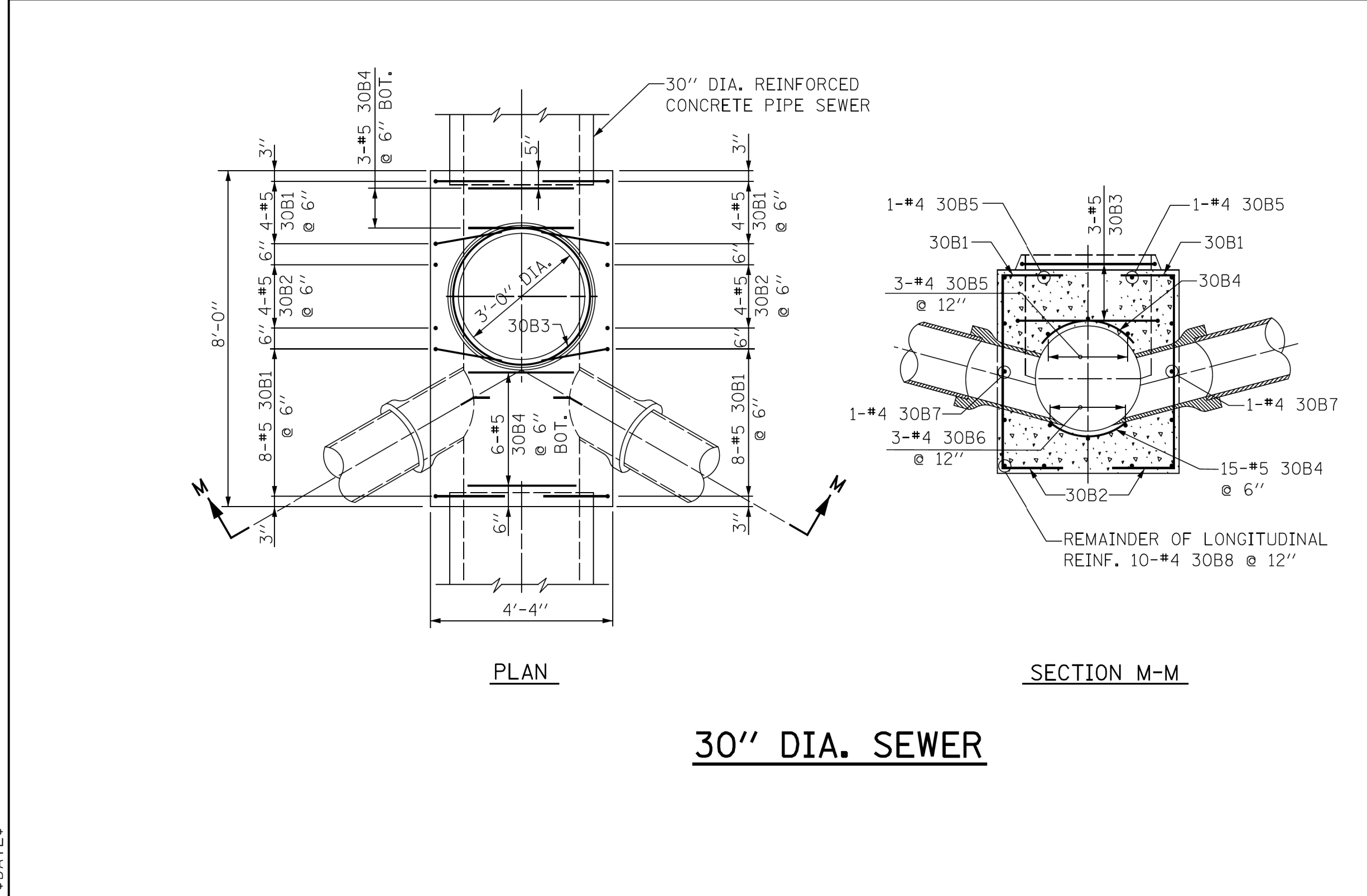
48" DIA. SEWER



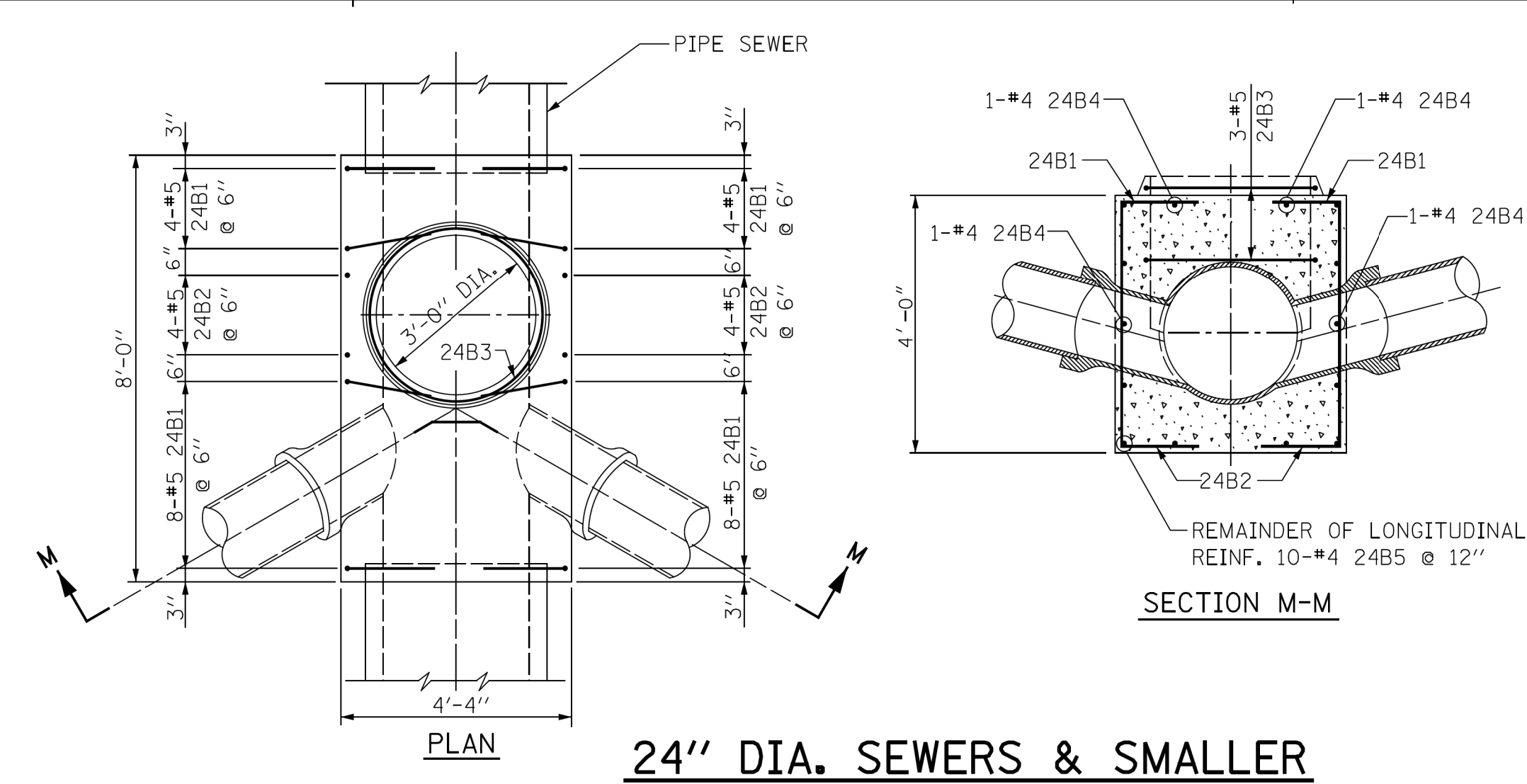
42" DIA. SEWER



36" DIA. SEWER



30" DIA. SEWER



24" DIA. SEWERS & SMALLER

- 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. 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 | |
|--------------------|-------------|
| DATE | DESCRIPTION |
| 9/19/17 | revision |
| | |
| | |
| | |
| | |

| PERCENT COMPLETE | DATE |
|------------------|------|
| 30 | |
| 60 | |
| 75 | |
| 90 | |
| 100 | |
| BULLETIN | |

| | | | |
|---|--|-------------------|------|
| CITY OF CHICAGO | | DRAWN BY _____ | A.11 |
| DEPARTMENT OF WATER MANAGEMENT | | DESIGNED BY _____ | |
| BUREAU OF ENGINEERING SERVICES | | CHECKED BY _____ | |
| | | REVIEWED BY _____ | |
| REINFORCEMENT FOR TYPE "B" MANHOLE BASES | | _____ OF _____ | |
| | | PN _____ | |

\$FILE\$
\$DATE\$

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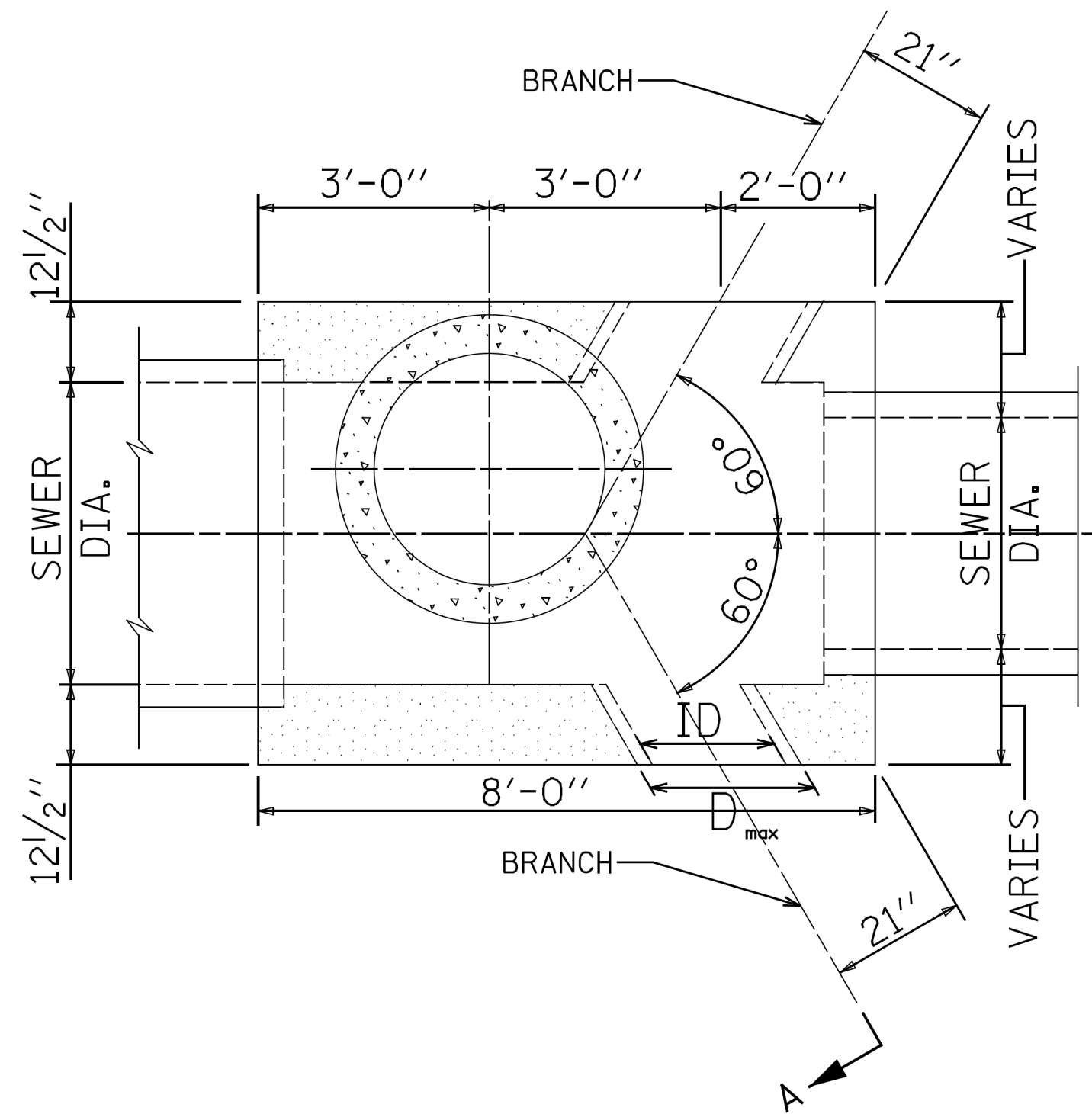
| | | | | | |
|------------|-----------------|----------|--------------|----------------|--------------|
| USER NAME | = mike.thon | DESIGNED | - | REVISED | - |
| DRAWN | - | REVISION | - | | |
| PLOT SCALE | = 10.000' / in. | CHECKED | - | REVISED | - |
| PLOT DATE | = 12/13/2024 | DATE | - 12/13/2024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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

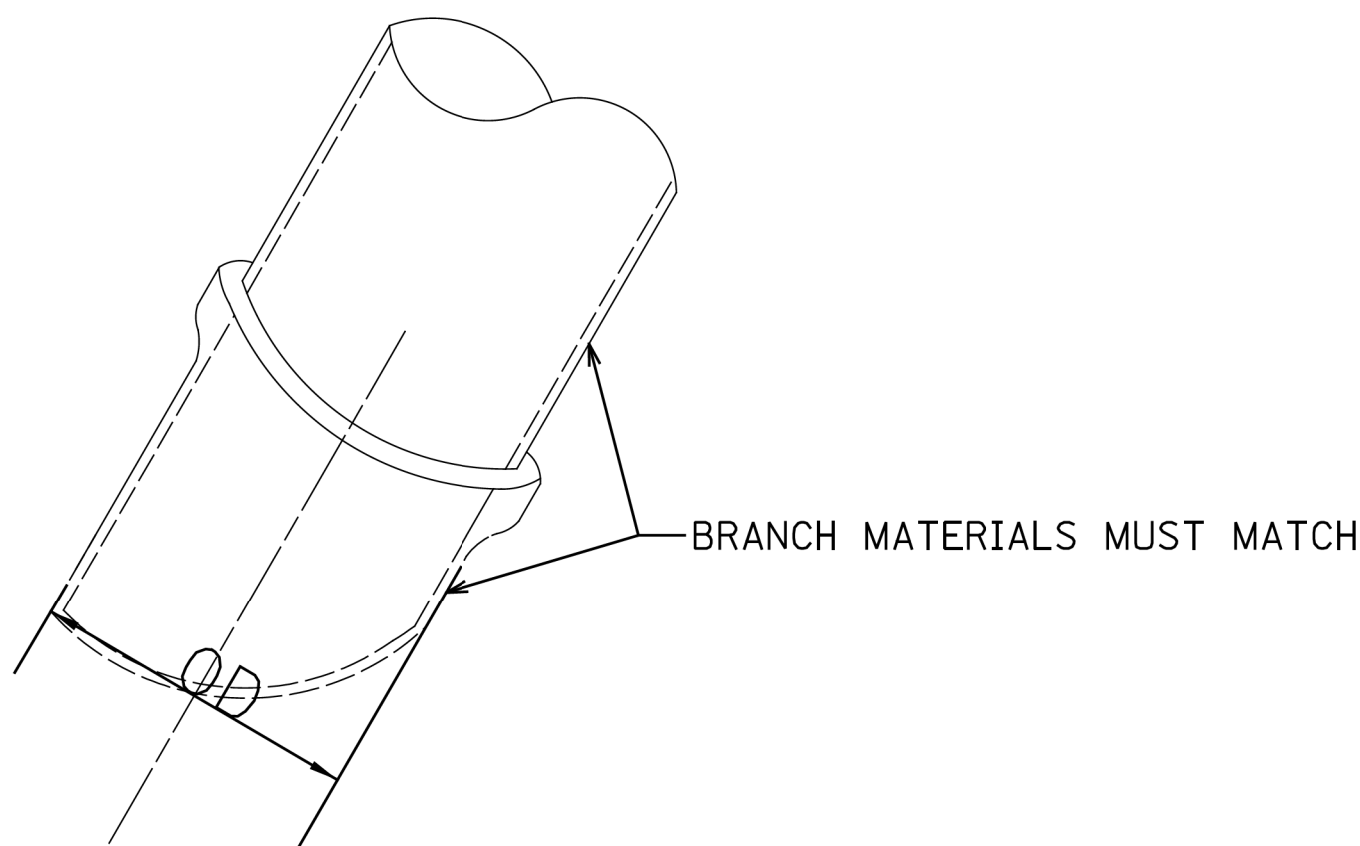
CDWM SEWER DETAILS

SCALE: SHEET 9 OF 22 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 36 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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. Dmax indicates the maximum size of branch opening to be cast or cut into structure.

| STANDARD REVISIONS | | PERCENT COMPLETE | DATE | CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES | DRAWN DESIGNED CHECKED REVIEWED | SHEET NO. A.12 |
|--------------------|---------------|------------------|------|---|--|-------------------|
| DATE | DESCRIPTION | | | | | |
| 9/19/17 | APPROVED PLAN | 30 | | TYPE "B" MANHOLE CONFIGURATIONS | ____ OF ____ PN ____ | |
| | | 60 | | | | |
| | | 75 | | | | |
| | | 90 | | | | |
| | | 100 | | | | |
| | | BULLETIN | | | | |

\$FILE\$
\$DATE\$

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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 10 OF 22 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 37 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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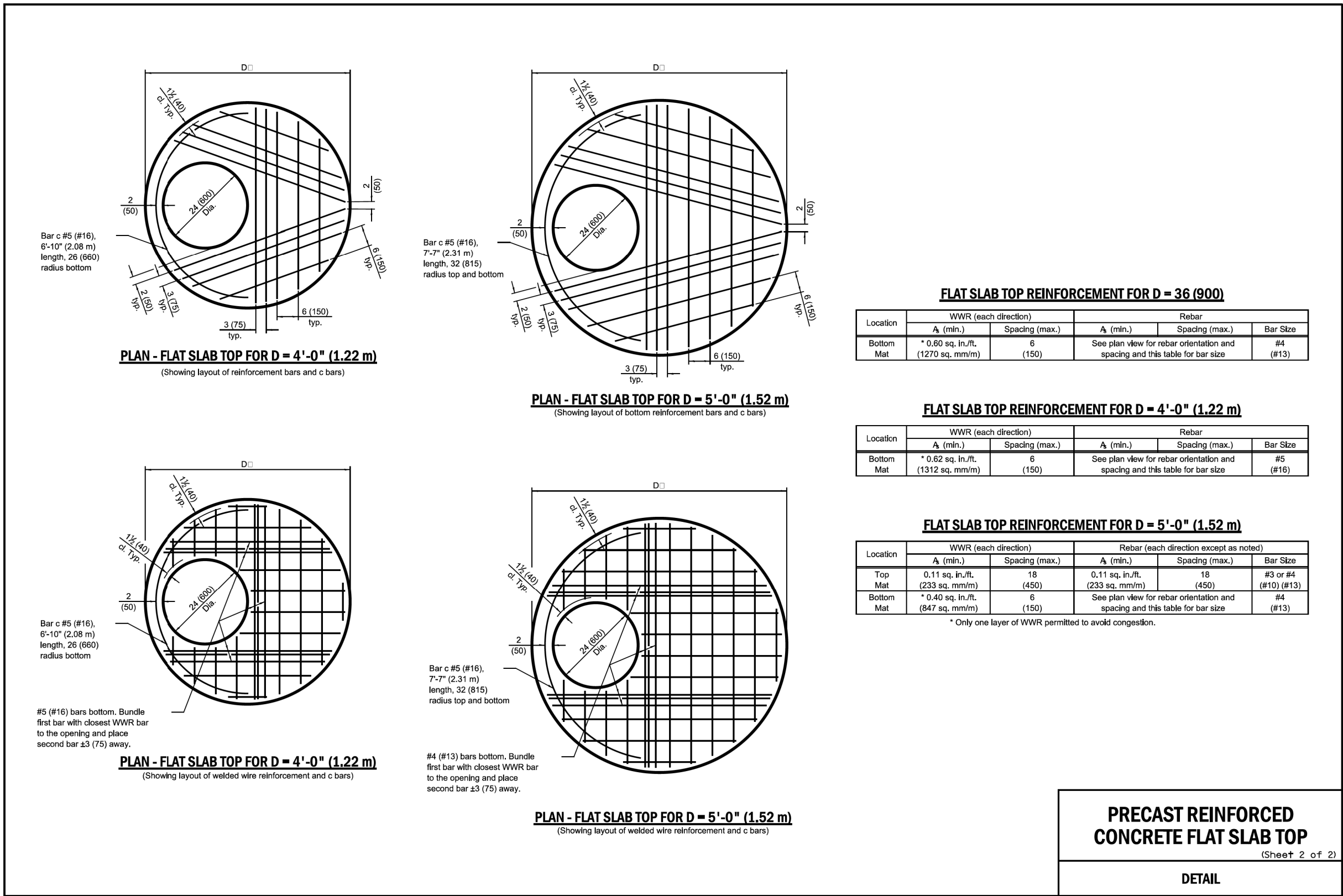
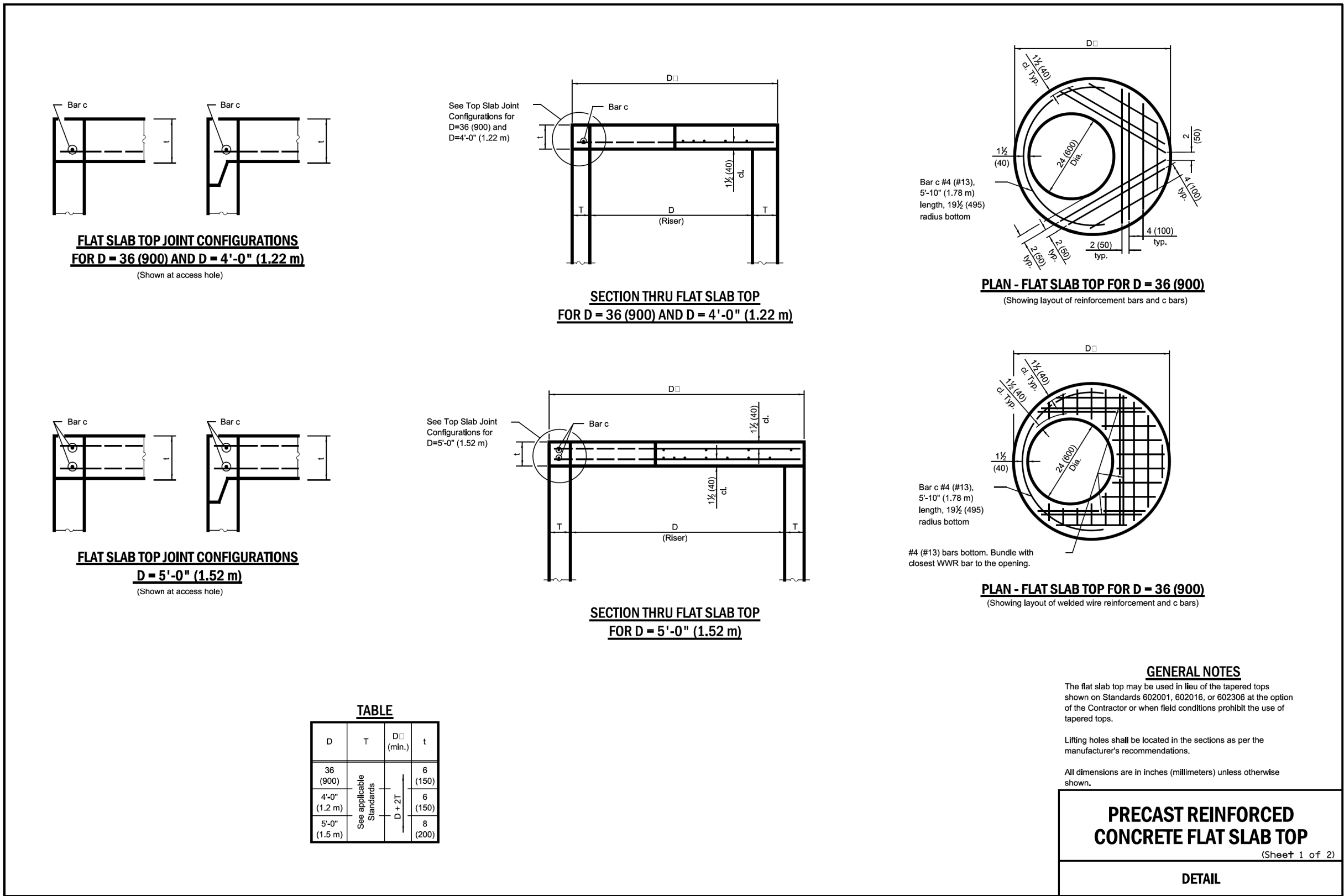
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|------------|-----------------|----------|--------------|----------------|--------------|
| USER NAME | = mike.thon | DESIGNED | - | REVISED | - |
| DRAWN | - | REVIS | - | REVISED | - |
| PLOT SCALE | = 10.000' / in. | CHECKED | - | REVISED | - |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

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

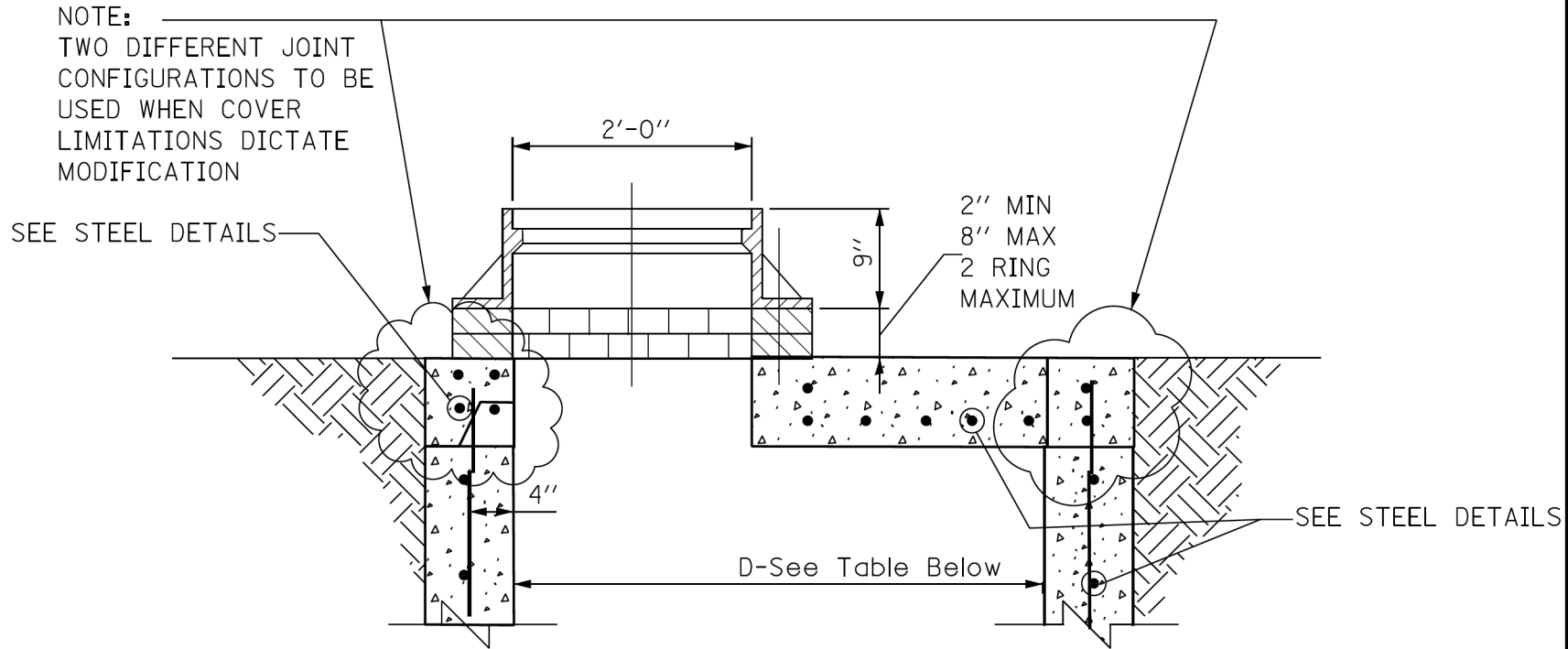
CDWM SEWER DETAILS

| STANDARD REVISIONS | | PERCENT COMPLETE | DATE | CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES | DRAWN DESIGNED CHECKED REVIEWED | SHEET NO. A.20 |
|--------------------|---------------|------------------|------|---|--|-------------------|
| DATE | DESCRIPTION | | | | | |
| 4/22/21 | APPROVED PLAN | 30 | | FLAT TOP SLAB DETAILS | OF | 38 |
| | | 60 | | | | |
| | | 75 | | | | |
| | | 90 | | | | |
| | | 100 | | | | |
| | | BULLETIN | | | PN | |

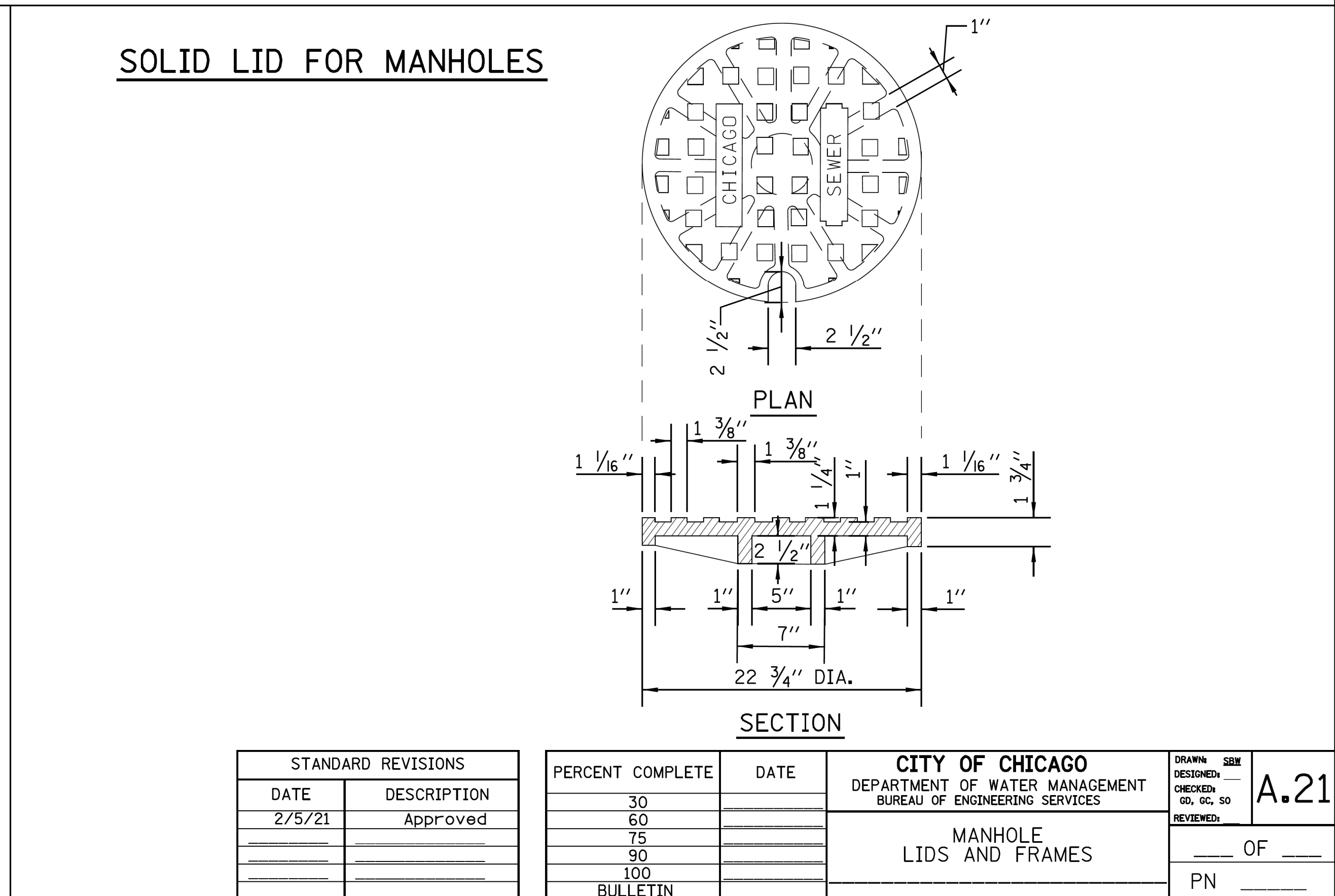
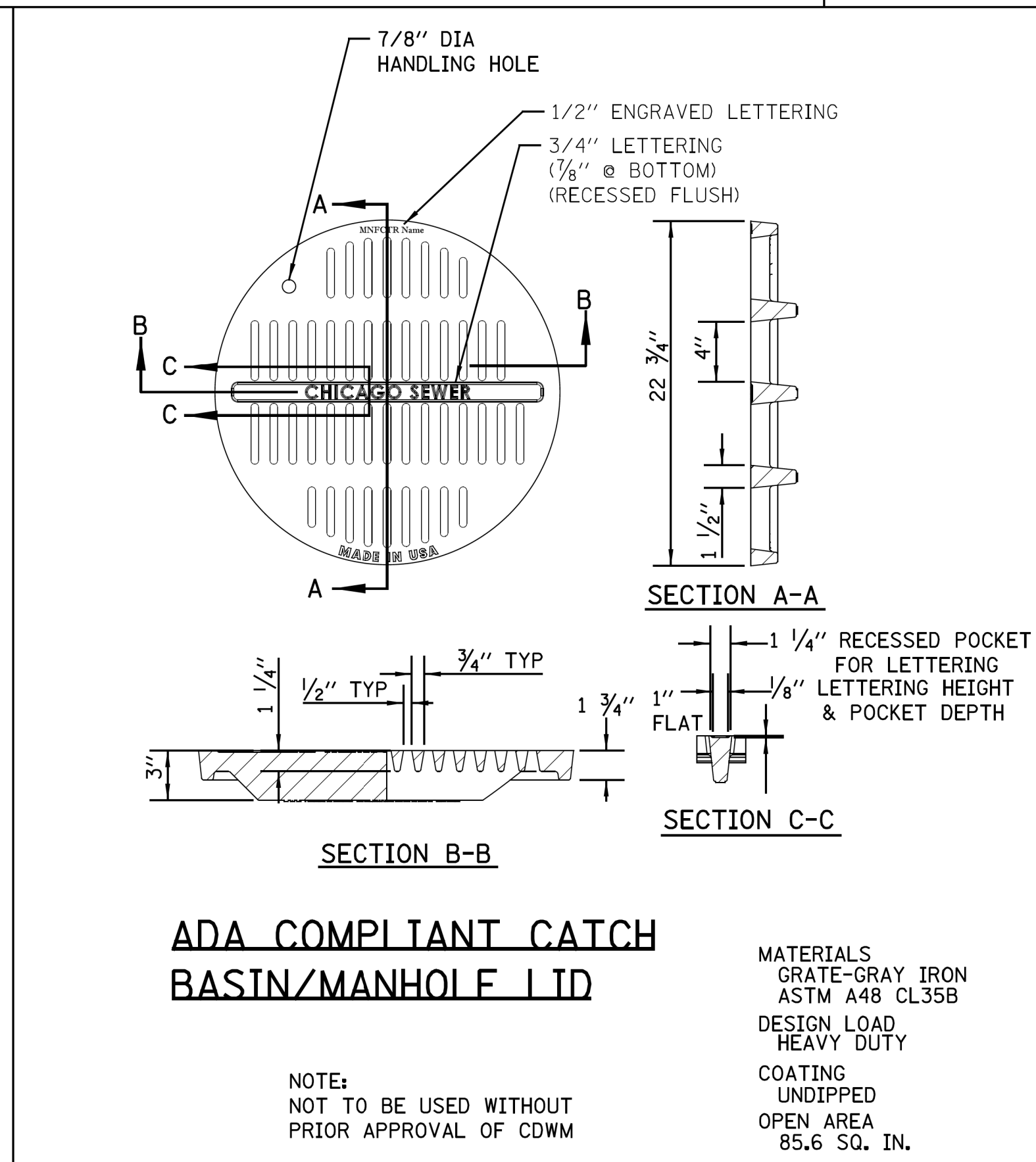
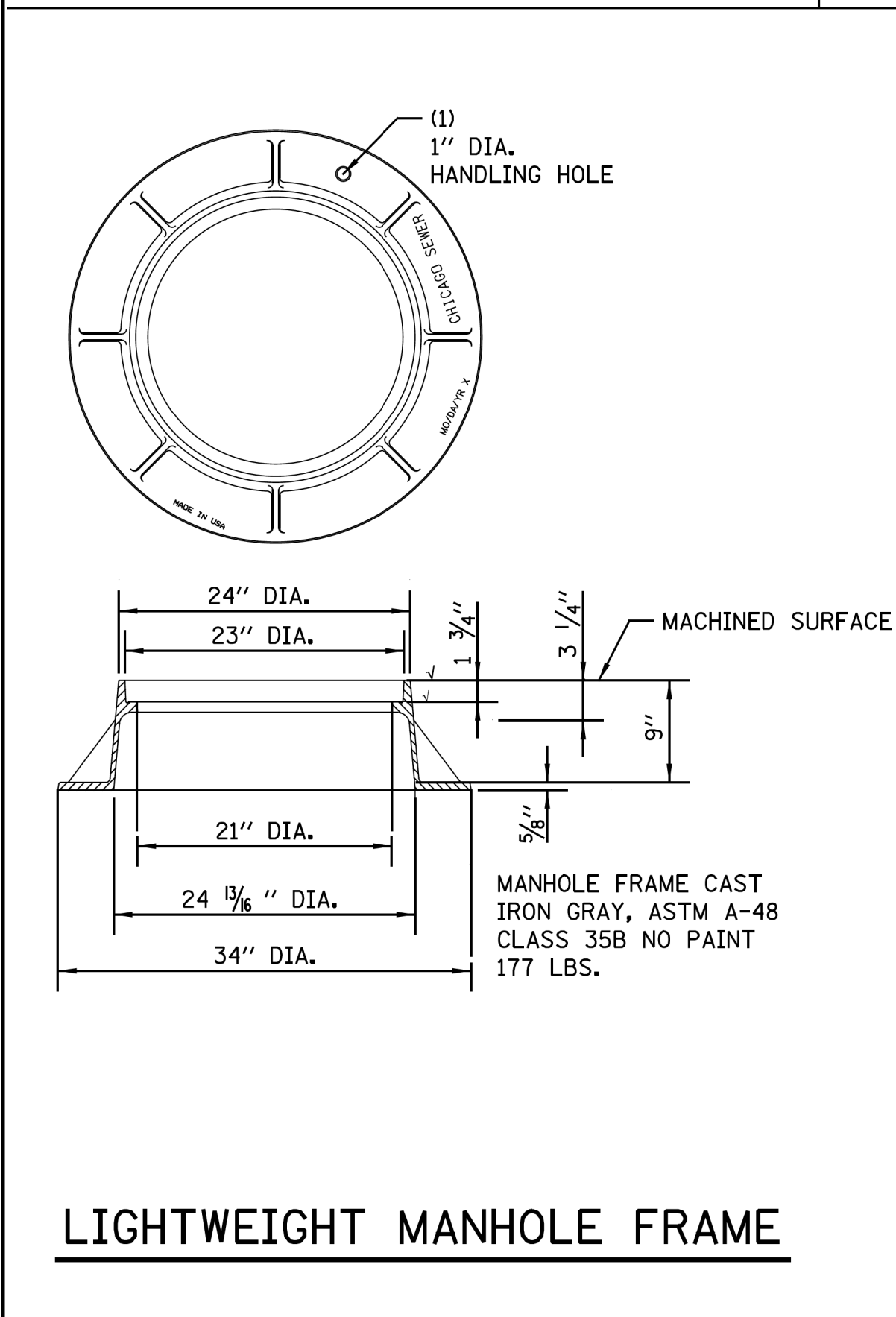
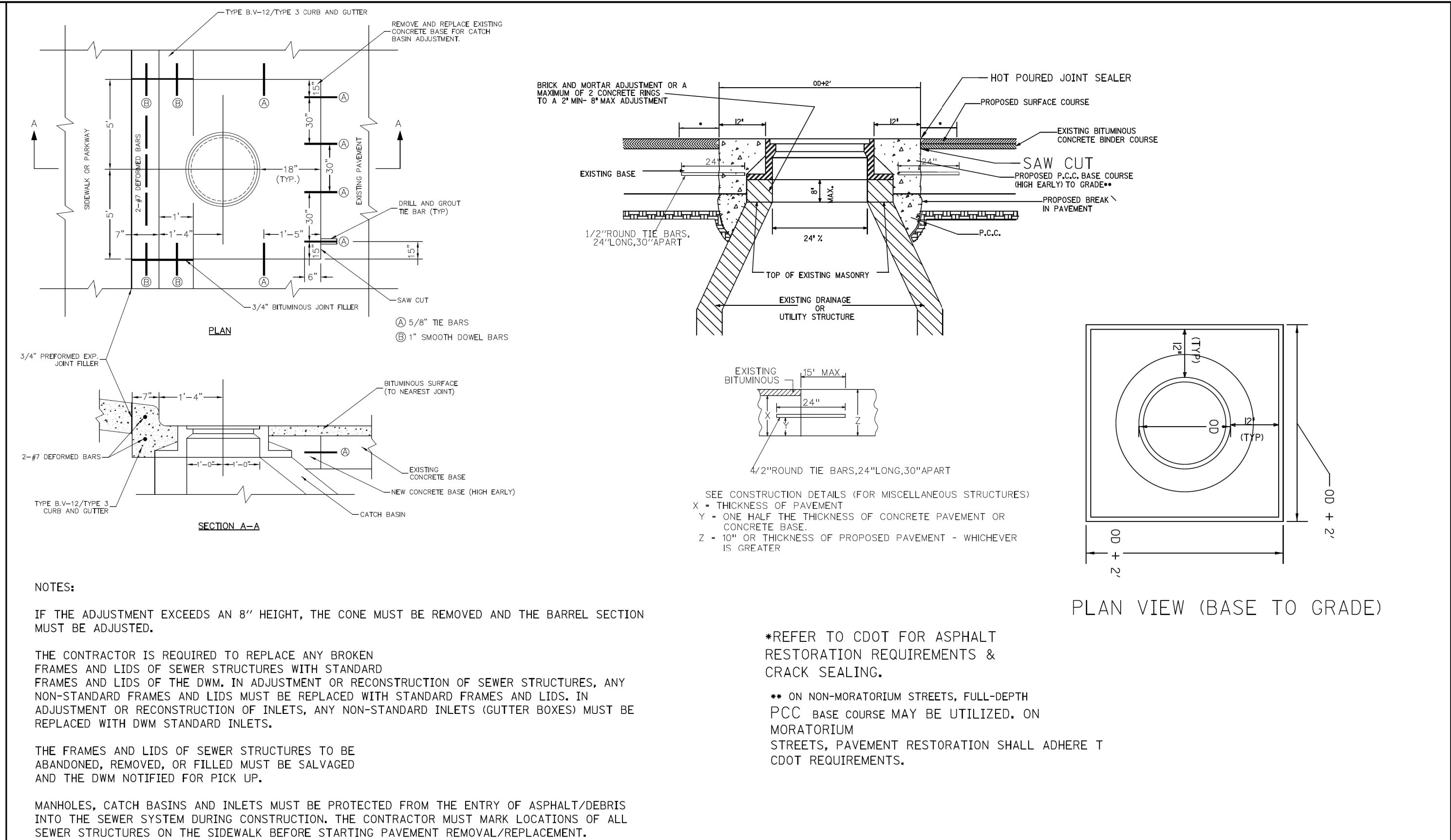
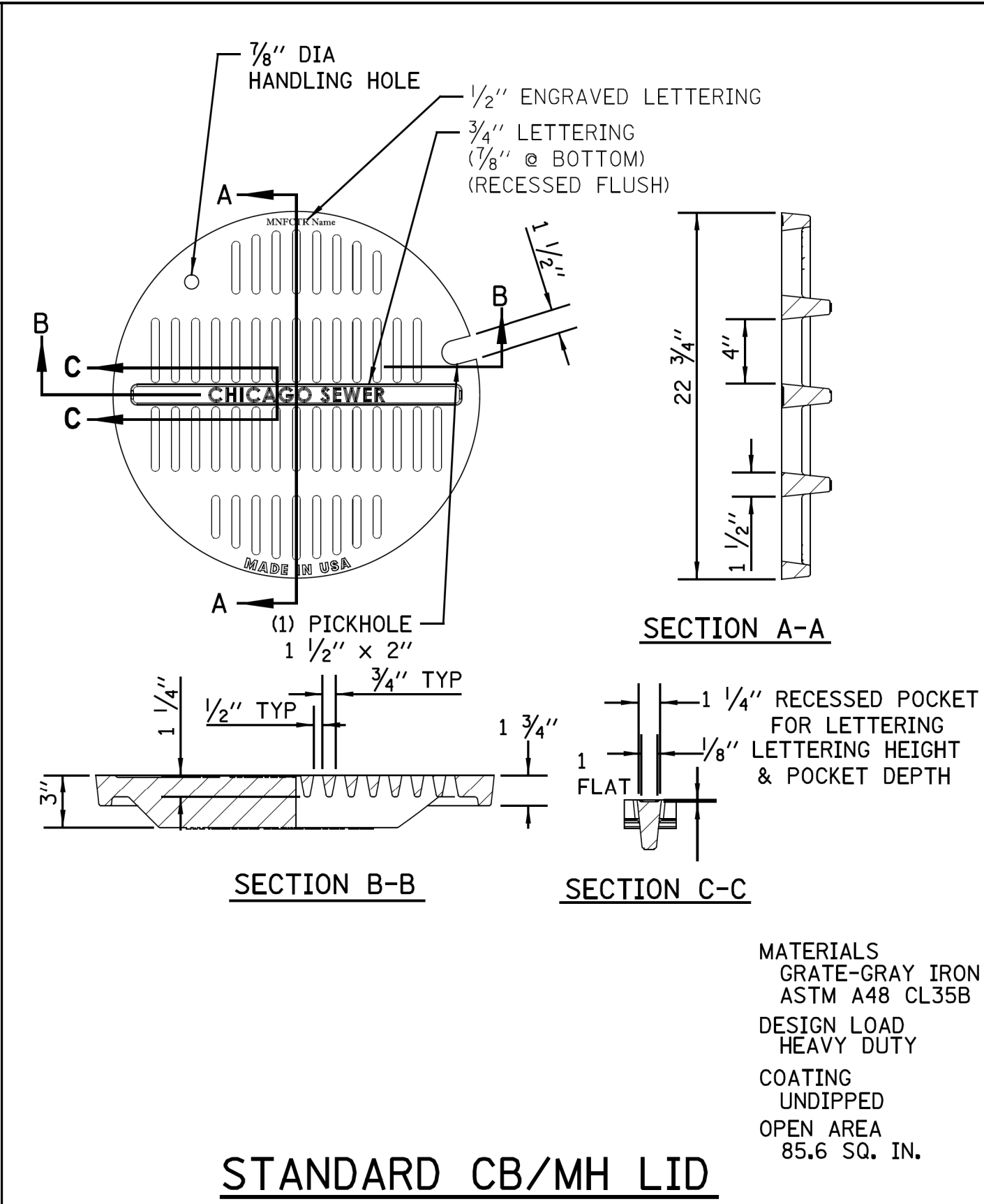
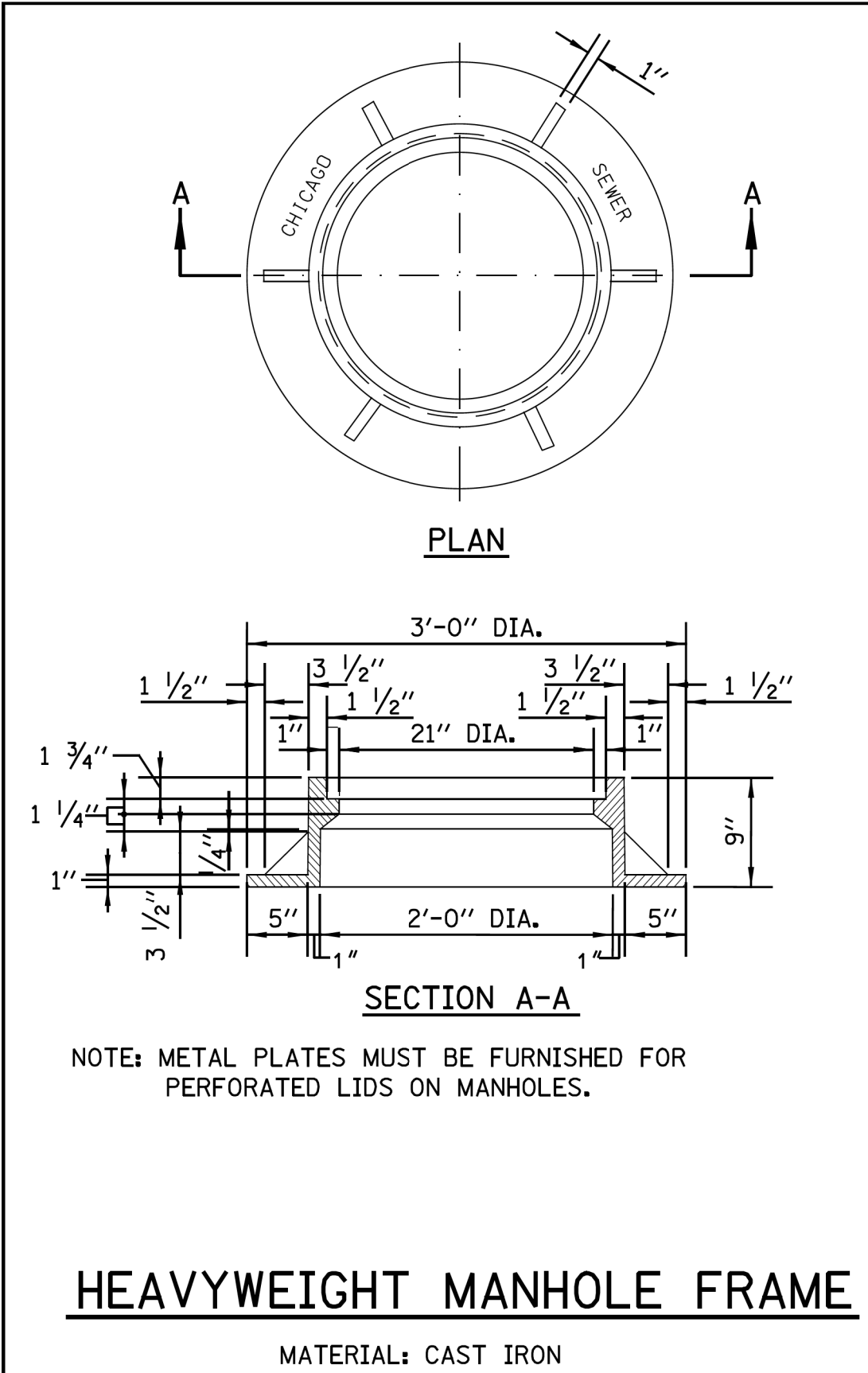
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|---------------------------|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 38 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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 FLAT TOP SLAB
FOR CATCH BASINS



MODEL: D:\default
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CAD\2022\Uoomis 120th to 940' South\Sheets\22-Uoomis-sh-detail-02.dgn

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| | | | | | | | | | | | | | | | | | |
|---|------------|-----------------|----------|--------------|----------------|--------------|---|--------------------|--|--------|--------------------|--------------|-----------|---------|--------|--------------|------------------|
|    | USER NAME | = mike.thon | DESIGNED | - | REVISED | - | CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION | CDWM SEWER DETAILS | | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE | = 10.000' / in. | DRAWN | - | REVISED | - | | | | | COOK | 49 | 39 | | | | |
| | PLOT DATE | = 12/13/2024 | CHECKED | - | REVISED | - | | | | | CONTRACT NO. C1617 | | | | | | |
| | | | DATE | - 12/13/2024 | ISSUED FOR BID | - 12/17/2024 | | | | SCALE: | SHEET 12 | OF 22 SHEETS | STA. | TO STA. | | ILLINOIS | FED. AID PROJECT |

Left Diagram Labels:

- #5 DOWEL BAR @ CONSTRUCTION JOINT
- Note: Positive Summit for Drainage
- CHICAGO FRAME & LID
- 4" MAXIMUM (TYP)
- 8" VIT. CLAY, 1' VERTICAL HALF TRAP
- PRECAST CONCRETE ADJUSTMENT RING
- 2'-0" DIA.
- PRECAST REINF. CONC. OFFSET CONE
- SWIRL CHAMBER
- VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26)
- 4'-0" DIA.
- SUMP 3'-4"
- 15"
- 7'-4"
- 4'-6"
- 2'-10"
- 2" MIN 8" MAX 2 RING MAXIMUM
- 1 1/2" ROUND TIE BARS 30" LONG, 30" C/C
- TYPE B CURB & GUTTER Per CDOT Details

Right Diagram Labels:

- TYPE B-V.12 CURB AND GUTTER Per CDOT Details
- Note: Positive Summit for Drainage
- CHICAGO FRAME & LID
- 4" MAXIMUM (TYP)
- 8" VIT. CLAY, 1' VERTICAL HALF TRAP
- PRECAST CONCRETE ADJUSTMENT RING
- 2'-0" DIA.
- PRECAST REINF. CONC. OFFSET CONE
- VORTEX or ORIFICE RESTRICTOR (SEE MISC DETAILS SHEET A.26)
- 3'-0" DIA.
- SUMP 3'-10"
- 4"
- 6'-0"
- 4'-0"
- 2'-10"
- 2" MIN 8" MAX 2 RING MAXIMUM
- 2-#7 DEFORMED BARS

Common Labels:

- PRECAST REINFORCED BASE AND RISER WITH MINIMUM 6" EMBEDMENT

STANDARD CATCH BASIN-3' DIA.

CHICAGO FRAME & LID

2" MIN
8" MAX
2 RING
MAXIMUM

2'-10"

7'-4"

4'-6"

5"

5"

4'-0" DIA.

ORIFICE RESTRICTOR
(SEE MISC
DETAILS
SHEET A.26)

ELEVATION A

8" VIT. CLAY
HALF TRAP

B

2'-0" W/O
DIRECT
SURFACE
RUNOFF

3'-4"
MIN. SUMP
W/DIRECT
SURFACE
RUNOFF

5"

2'-0" W/O
DIRECT
SURFACE
RUNOFF

5"

PRECAST REINFORCED BASE AND
RISER WITH MINIMUM 6" EMBEDMENT

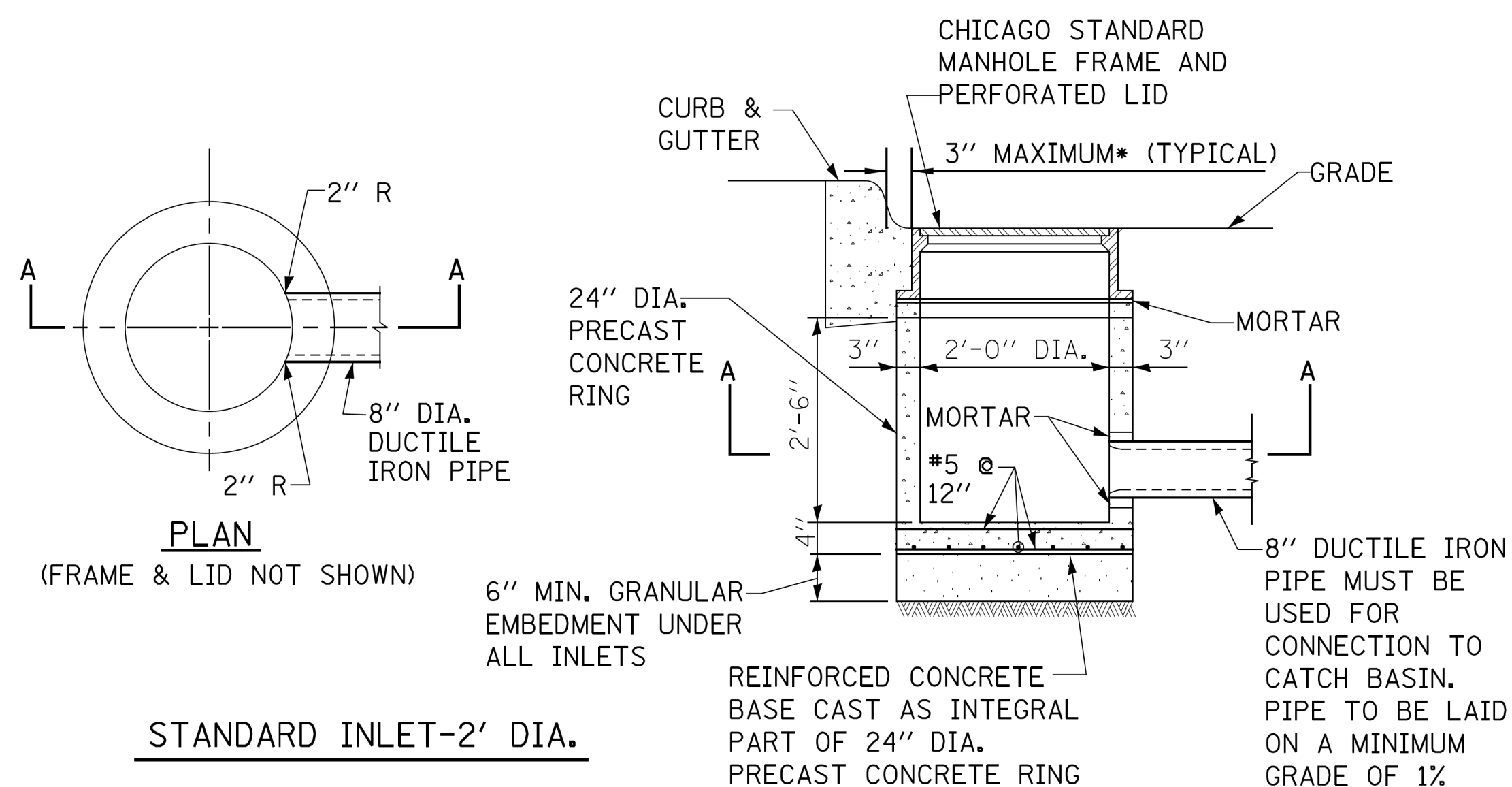
INFLOW PIPE INVERT

NOTE: THE INVERT ON INFLOW PIPE
OR UNDERDRAIN MUST BE AT
OR ABOVE THE HALF-TRAP
ELEVATION-A

N.T.S.

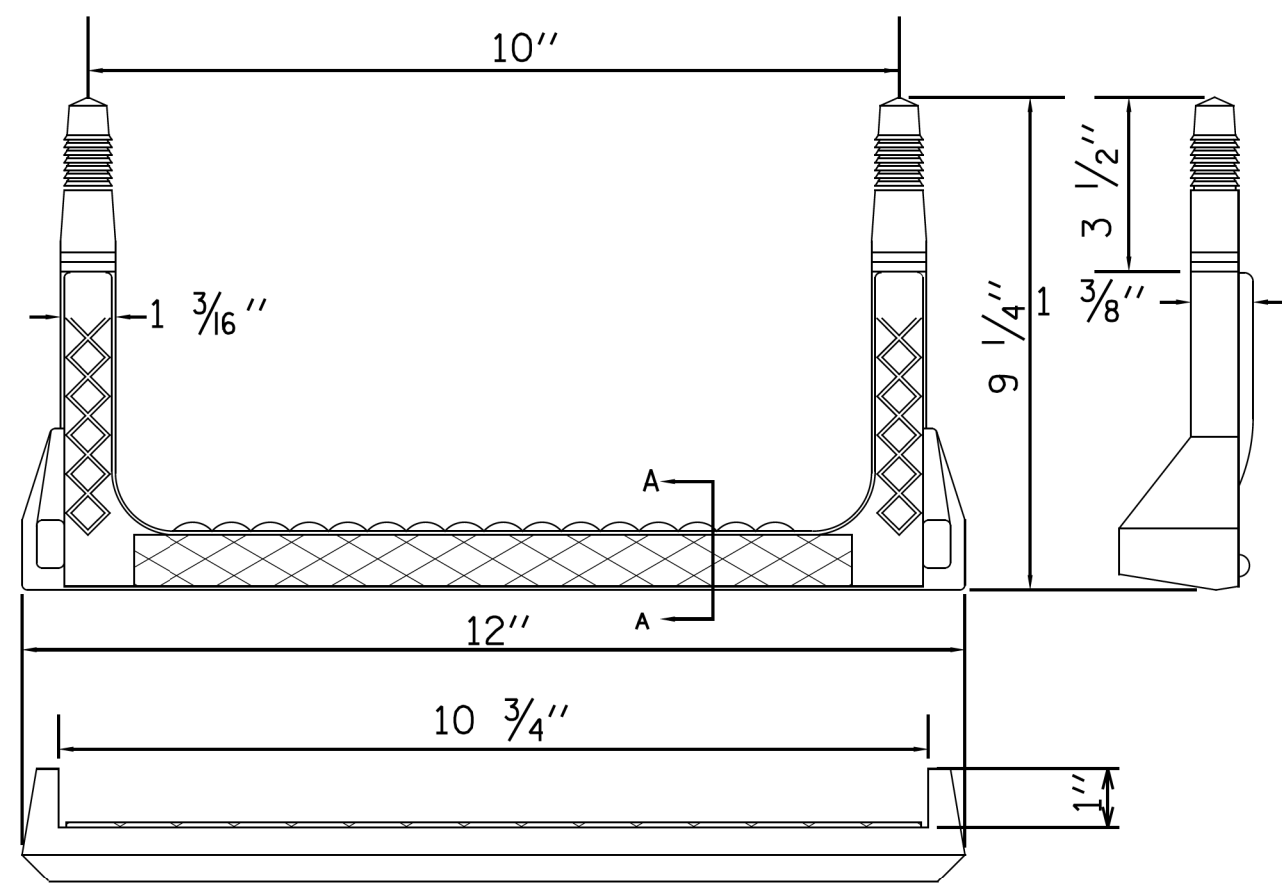
1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
2. IF $B < 4$ FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
3. FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
4. FOR GRANULAR EMBEDMENT, 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 WATER MANAGEMENT- ENGINEERING SERVICES, SEWER SECTION, AND 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 | DRAWING: <u>SSW</u> | A.22 |
| DATE | DESCRIPTION | | | | CHECKED: _____ | |
| 2/5/21 | APPROVED | 30 | | DRAINAGE STRUCTURE DETAILS | REVIEWED: _____ | ____ OF ____ |
| _____ | _____ | 60 | | | | |
| _____ | _____ | 75 | | | | |
| _____ | _____ | 90 | | | | |
| _____ | _____ | 100 | | | | |
| | | REVISION | | | PN _____ | |

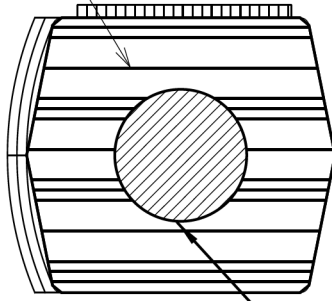
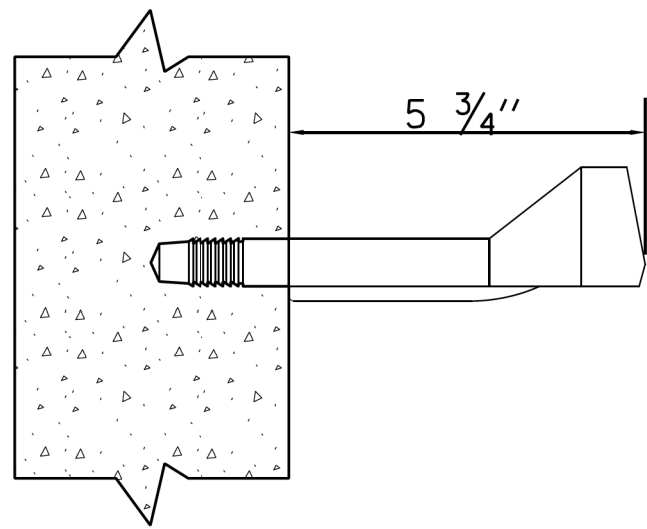


STANDARD INLET-2' DIA.

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$FILE$
$DATE$
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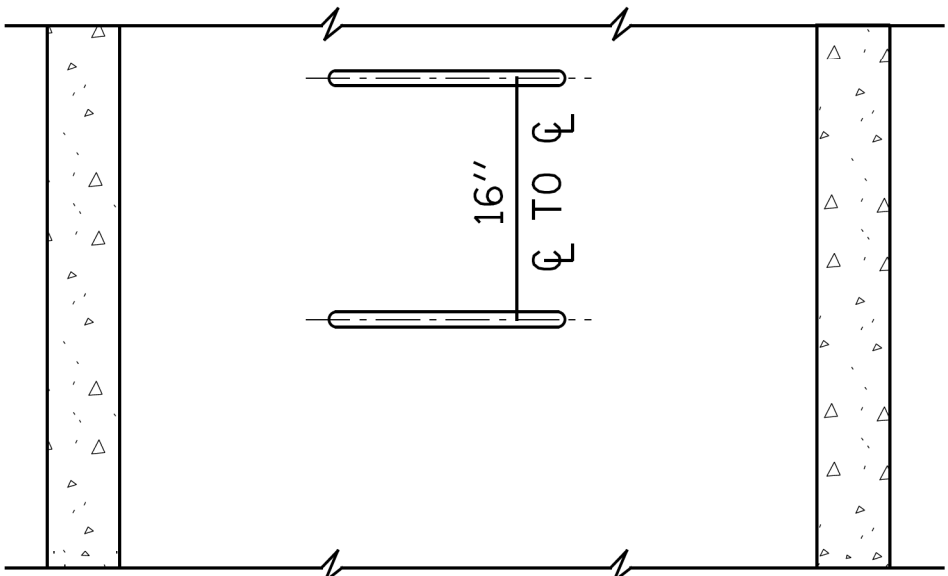
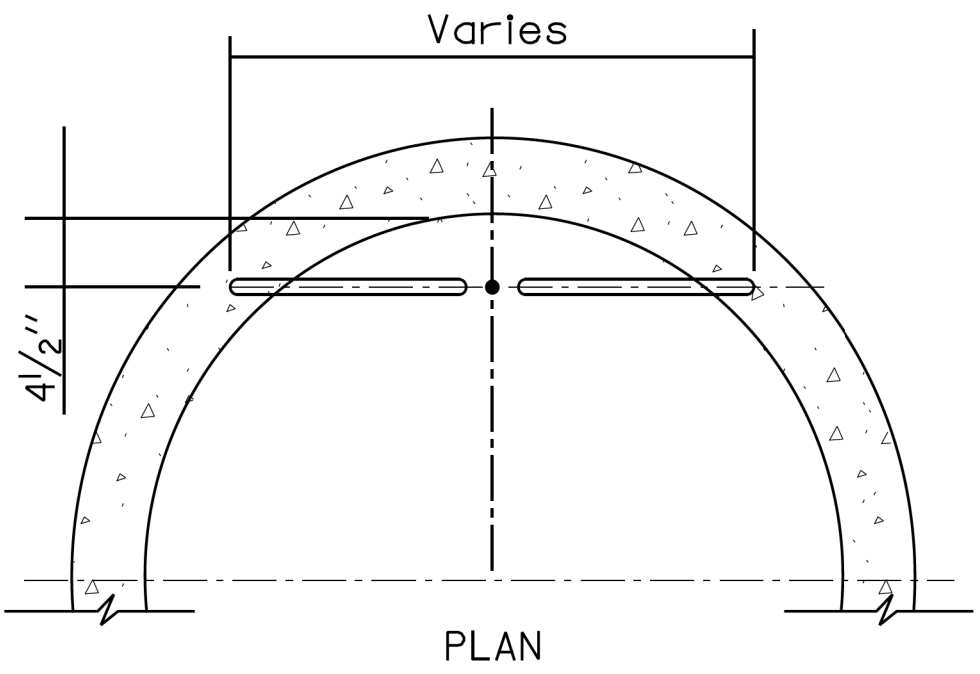
COPOLYMER POLYPROPYLENE PLASTIC



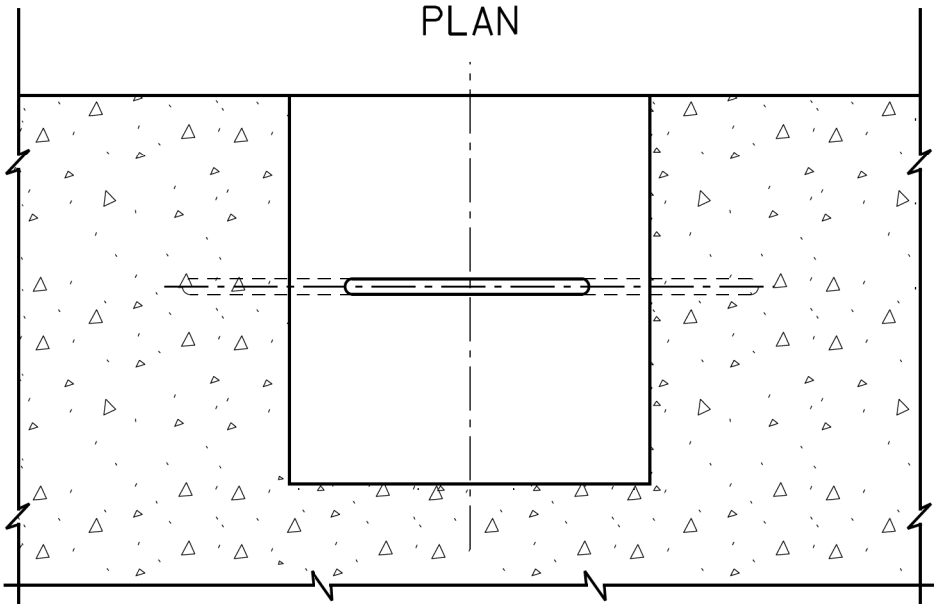
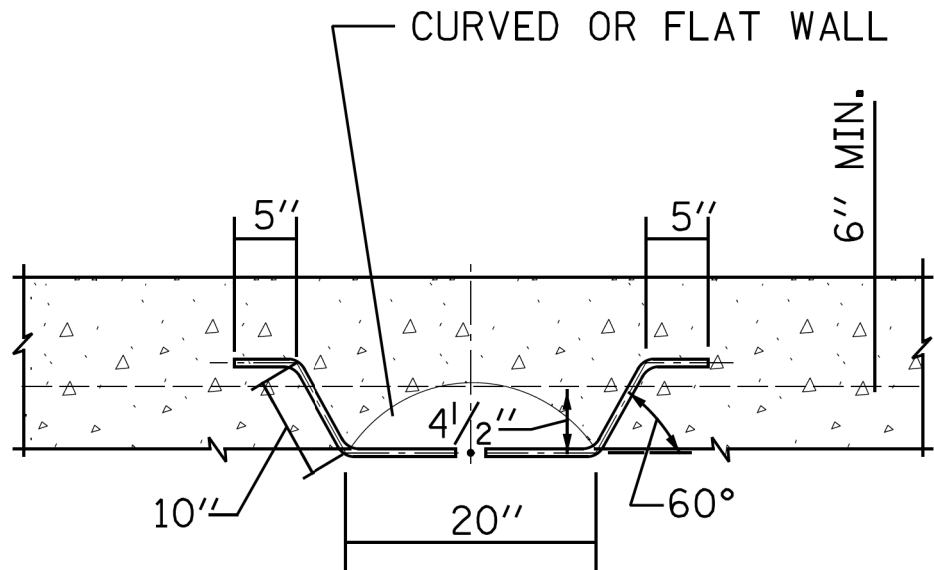
SECTION-A

RECTANGULAR STEP LADDER RUNG

FOR USE ONLY IN 48" DIAMETER
AND LARGER MANHOLES.



ELEVATION
TYPE X
RISER



ELEVATION
TYPE Y
BASE

NOTES:

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

#FILE#
#DATE#

| STANDARD REVISIONS | |
|--------------------|---------------|
| DATE | DESCRIPTION |
| 5/8/17 | APPROVED PLAN |
| | |
| | |
| | |
| | |
| | |

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

A.24

OF
PN

CDWM_Details.cel 6/9/2020 10:24:00 AM

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

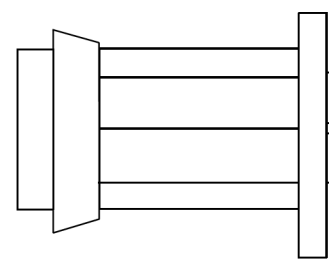
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 14 OF 22 SHEETS STA. TO STA.

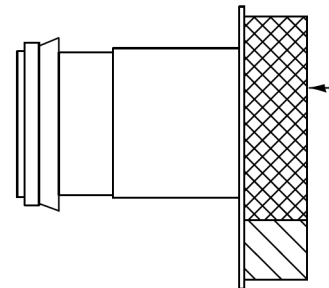
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|-----------------|--------------|
| | | COOK | 49 | 41 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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:

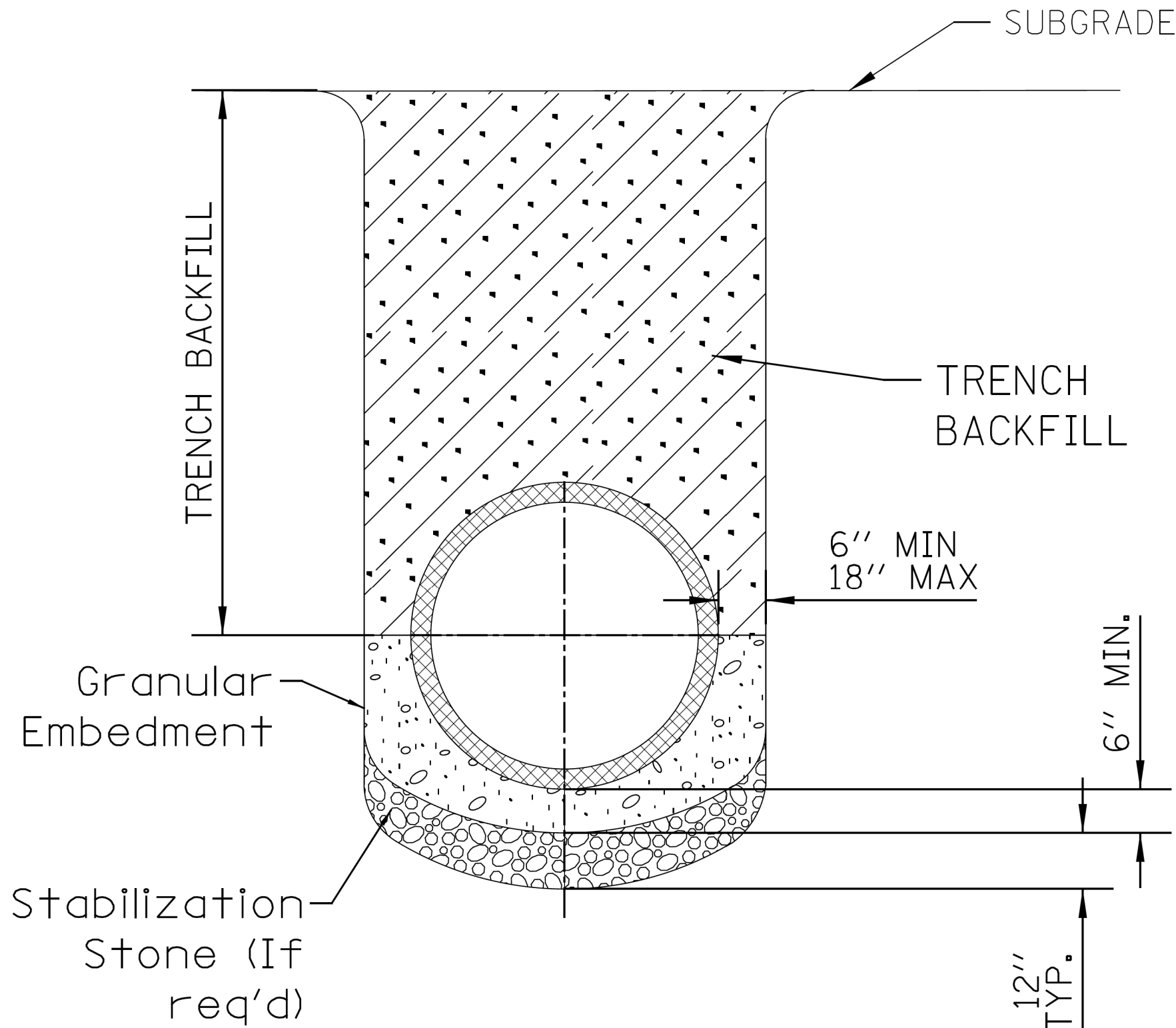
THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

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.

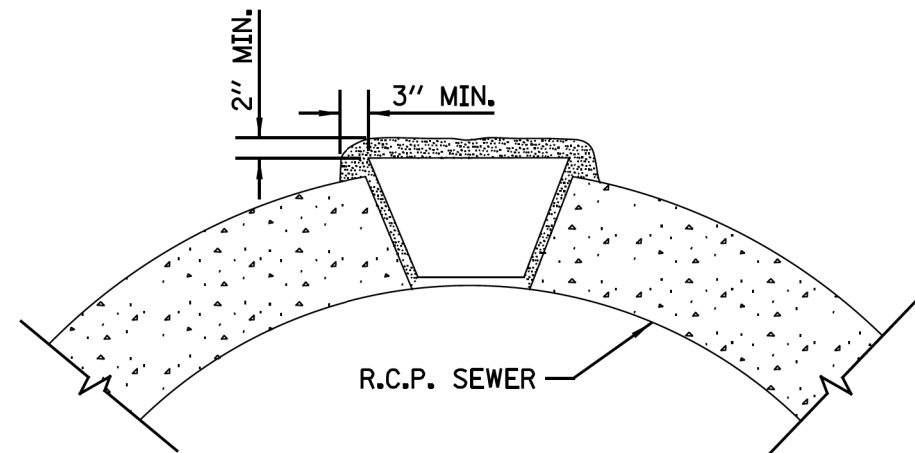


NOTE:

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

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

\$FILE\$
\$DATE\$

STANDARD REVISIONS

| DATE | DESCRIPTION |
|--------|---------------|
| 2/5/21 | APPROVED PLAN |
| | |
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| | |

PERCENT COMPLETE

| |
|----------|
| 30 |
| 60 |
| 75 |
| 90 |
| 100 |
| BULLETIN |

DATE

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CITY OF CHICAGO
DEPARTMENT OF WATER MANAGEMENT
BUREAU OF ENGINEERING SERVICES

MISCELLANEOUS
DETAILS

DRAWN

DESIGNED

CHECKED

REVIEWED

SR

SR

SR

SR

SR

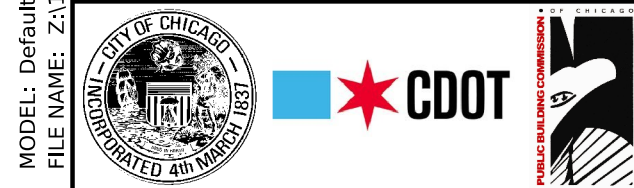
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CDWM_Details.cel 2/5/2021 2:07:40 PM



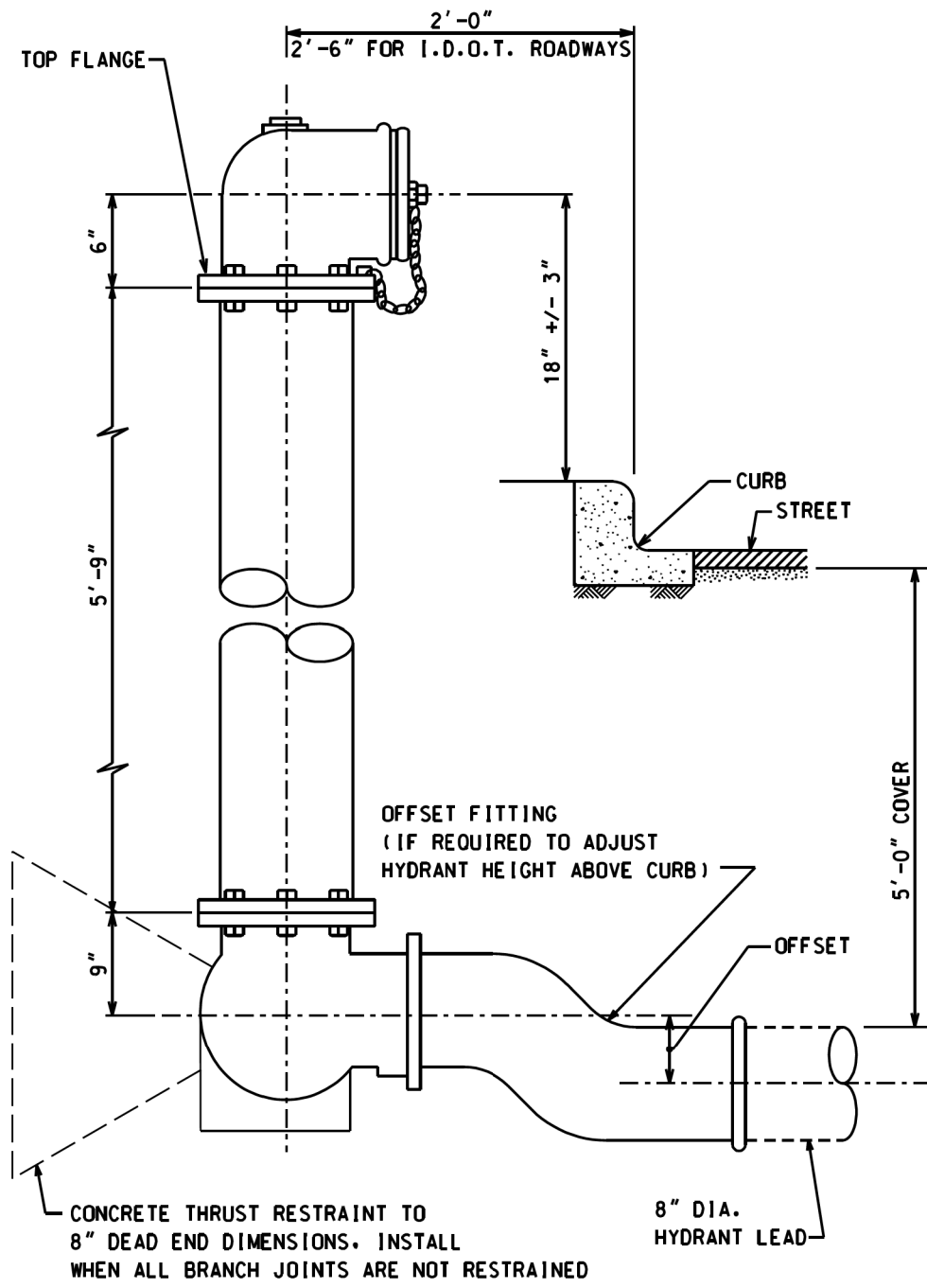
| | | |
|----------------------------|-------------------|-----------------------------|
| USER NAME = mike.thon | DESIGNED - | REVISED - |
| DRAWN | REVISED - | |
| PLOT SCALE = 10.000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/13/2024 | DATE - 12/13/2024 | ISSUED FOR BID - 12/17/2024 |

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM SEWER DETAILS

SCALE: SHEET 15 OF 22 SHEETS STA. TO STA.

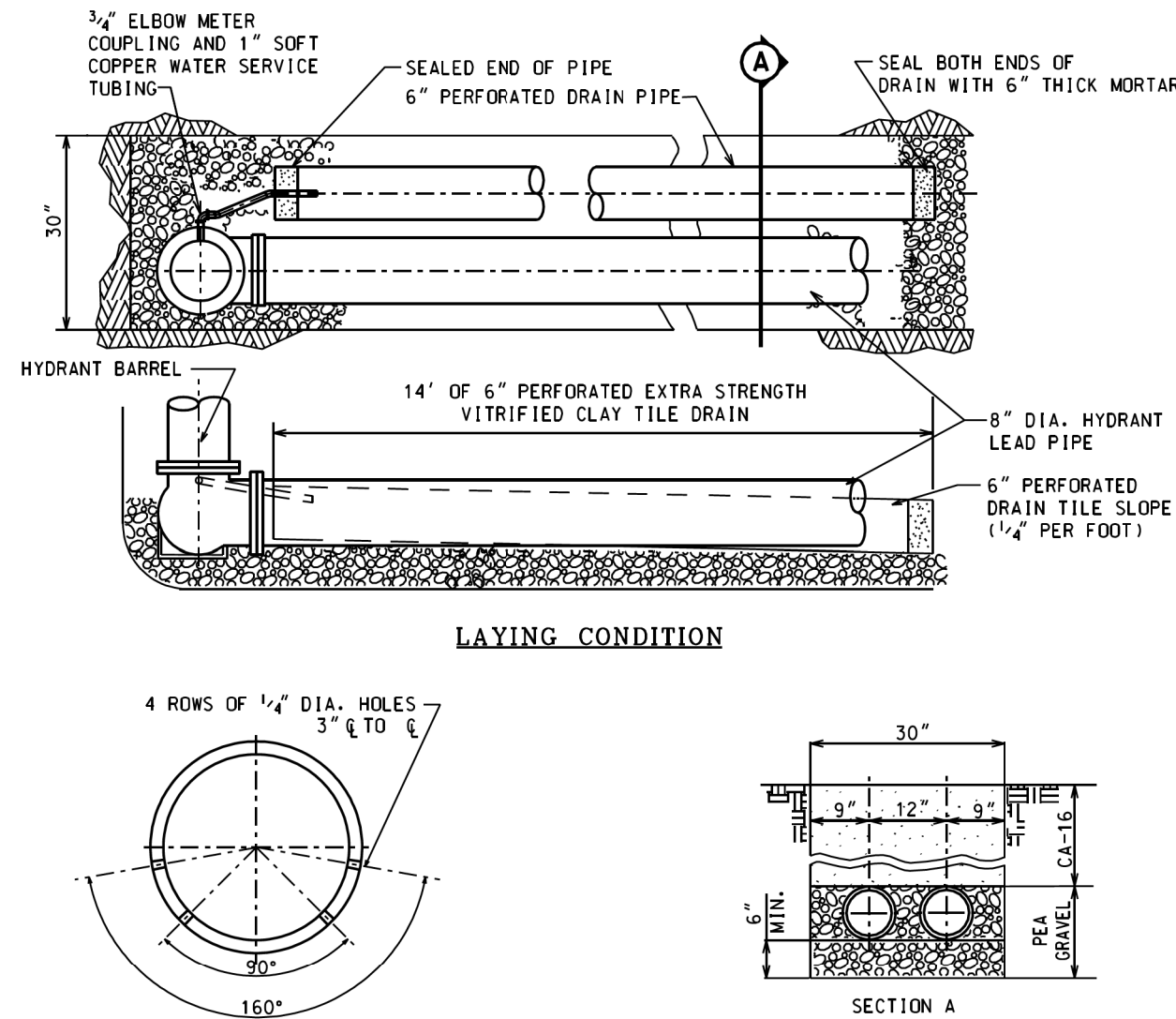
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 42 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- NOTE:**
1. SEE FIRE HYDRANT DRAIN DETAILS.
 2. ALL BURIED DUCTILE IRON HYDRANT COMPONENTS MUST BE WRAPPED IN POLYETHYLENE ENCASMENT.
 3. SEE DETAIL D-5 FOR FIRE HYDRANT DRAIN ASSEMBLY

FIRE HYDRANT SETTING DETAIL

D-2

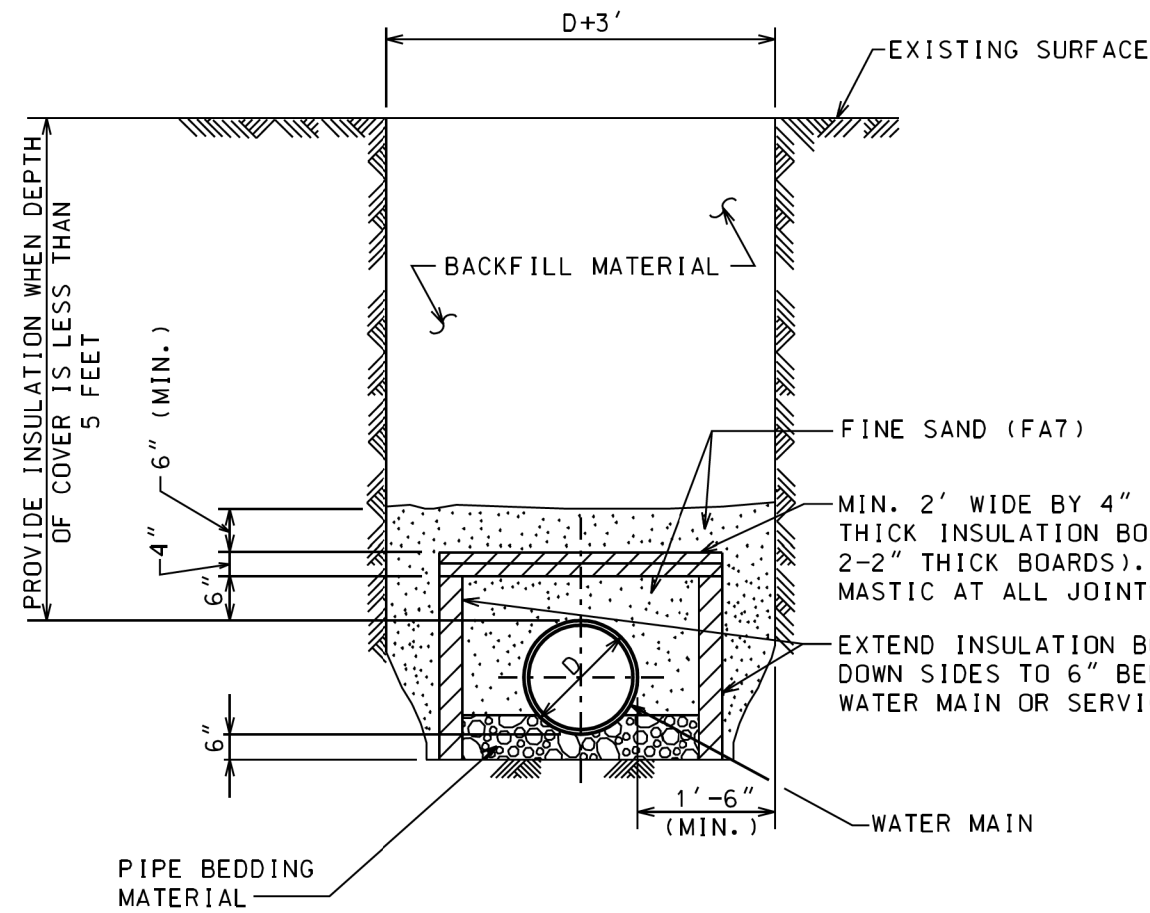


**DETAIL "A"
DRAIN TILE DRAIN HOLES**

- NOTES:**
1. WATER TABLE MUST BE BELOW BOTTOM OF TRENCH.
 2. LAY DRAIN PIPE IN WATER MAIN TRENCH IF HYDRANT LEAD PIPE IS NOT LONG ENOUGH TO ACHIEVE 14' DRAIN PIPE LENGTH.
 3. PLACE DRAIN PIPES SO HOLES ARE FACING DOWN. SEE DETAIL A.
 4. COPPER WATER SERVICE TUBING MUST BE ENCASED IN POLYETHYLENE WRAP.

FIRE HYDRANT DRAIN DETAIL

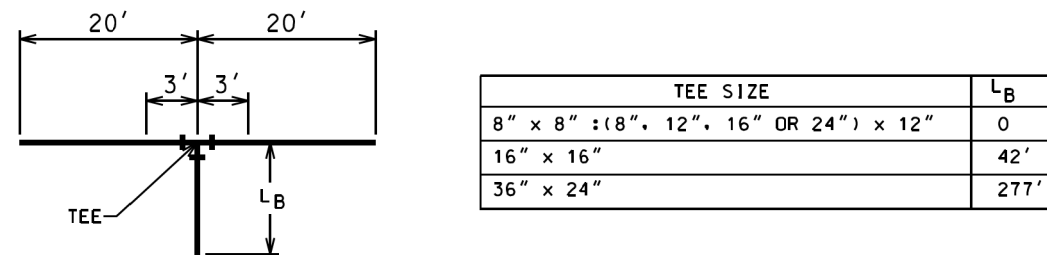
D-5



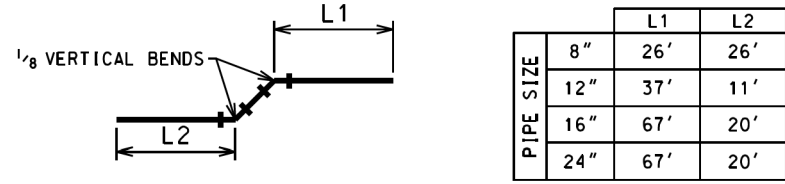
- NOTES:**
1. INSULATION BOARD TO BE CLOSED CELL, EXTRUDED POLYSTYRENE FOAM MEETING ASTM 578, TYPE VI, 40 PSI COMPRESSING STRENGTH (ASTM D1621) 0.1% MAX. WATER ABSORPTION (ASTM C272).
 2. BACKFILL MATERIAL AROUND INSULATION MUST BE FINE SAND FREE FROM ROOTS, ORGANIC MATTER, OR OTHER INJURIOUS MATERIALS.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

WATER MAIN TRENCH INSULATION DETAIL

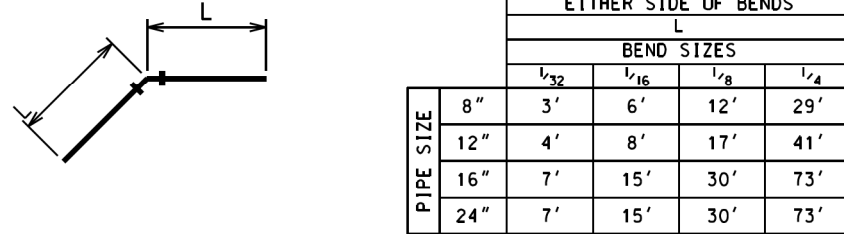
D-9



HORIZONTAL TEES - LENGTH OF RESTRAINED JOINTS



1/2 VERTICAL BENDS - LENGTH OF RESTRAINED JOINTS

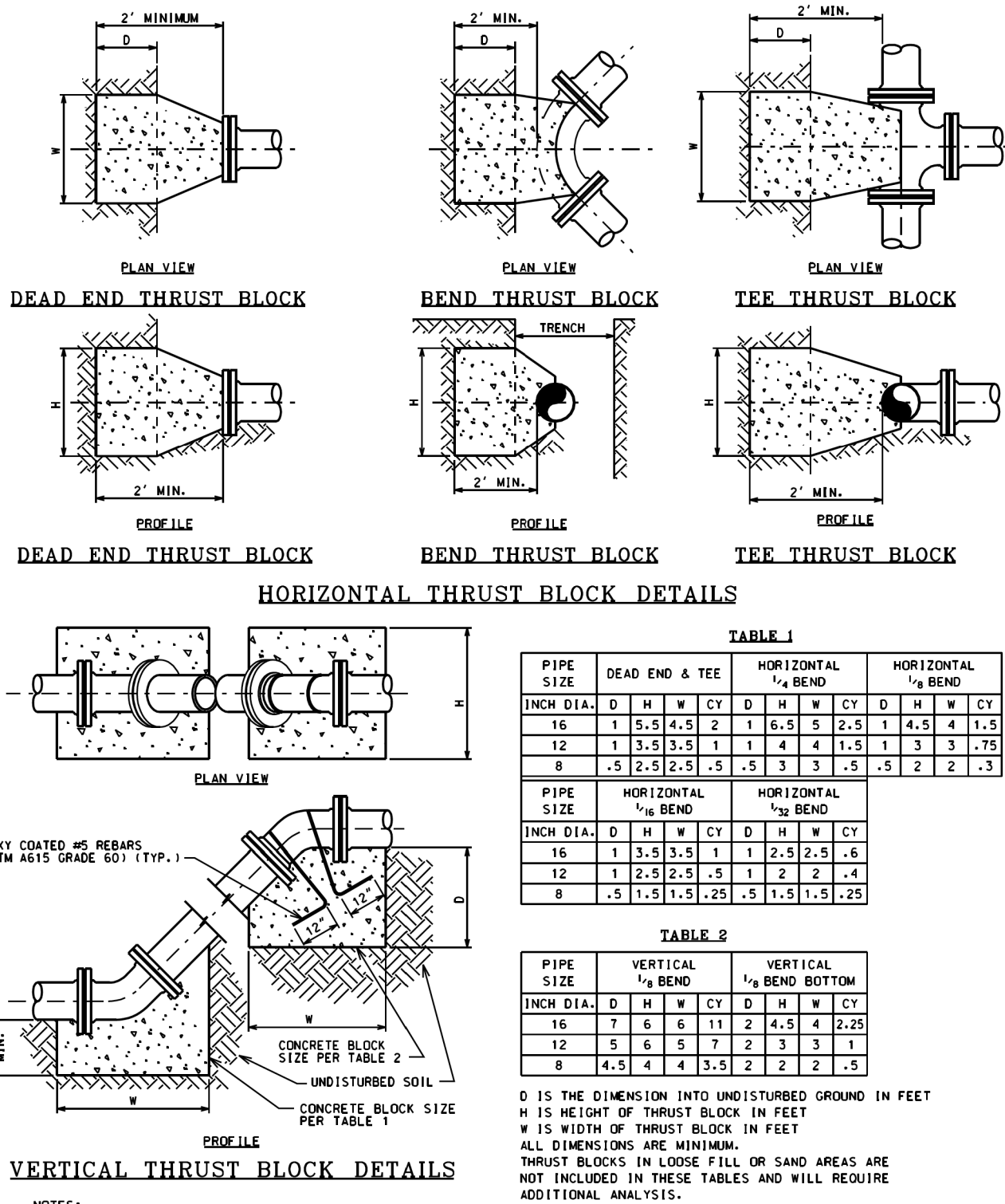


HORIZONTAL BENDS - LENGTH OF RESTRAINED JOINTS

- NOTE:**
1. MINIMUM LENGTHS OF PIPE REQUIRED TO RESTRAIN FITTINGS SHOWN.
 2. LENGTHS BASED ON POLY-WRAPPED PIPE.

**THRUST RESTRAINT
RESTRAINED JOINT PIPE DETAILS**

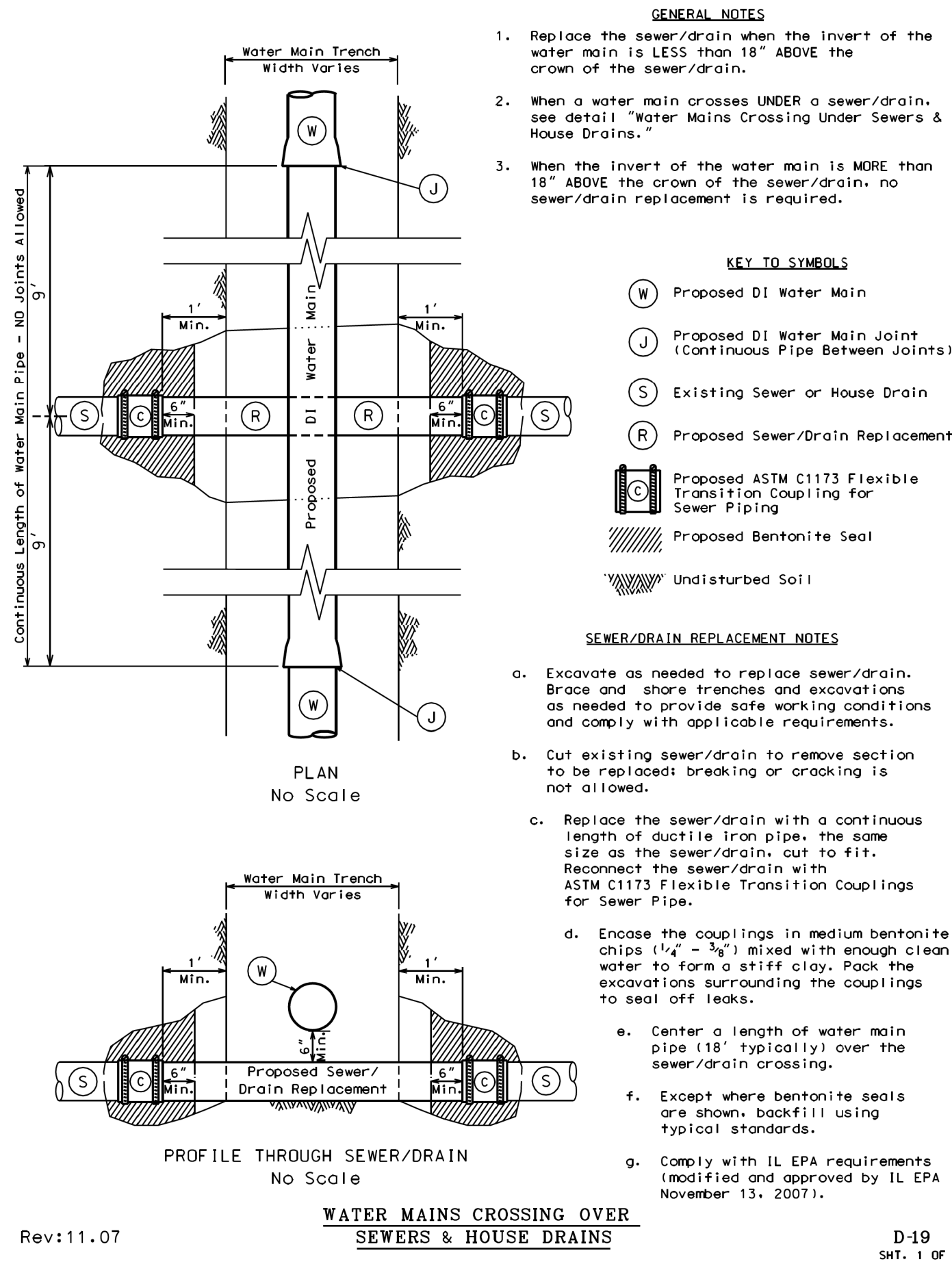
D-12



- NOTES:**
1. FULL CONCRETE THRUST BLOCKS AS SHOWN ARE REQUIRED WHEN THRUST RESTRAIN IS NOT PROVIDED BY OTHER MEANS SUCH AS RESTRAINED JOINT PIPE.
 2. WHEN THRUST RESTRAINT GLANDS ARE INSTALLED FOR THE CONNECTIONS, CONCRETE THRUST BLOCKS SHALL BE PROVIDED UP TO THE DOTTED LINE AS SHOWN.
 3. ALL BOLTS, NUTS, THRUST RESTRAINT GLANDS AND FITTINGS SHALL BE WRAPPED WITH POLYETHYLENE TUBING TO PREVENT CORROSION AND CONCRETE ADHESION.
 4. CONCRETE FOR THRUST BLOCKS MUST NOT CONTAIN FLY ASH.

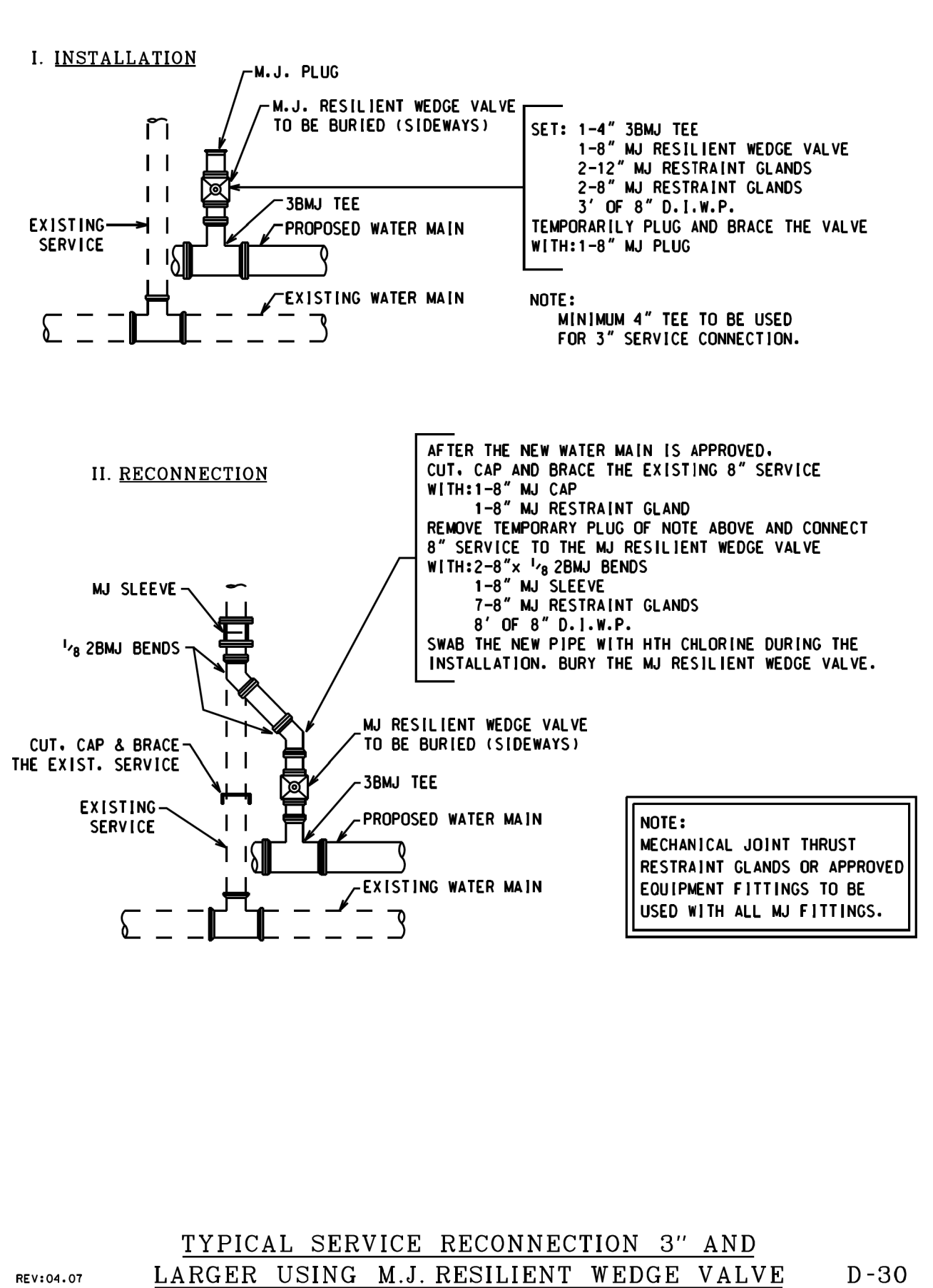
**THRUST RESTRAINT
CONCRETE THRUST BLOCK DETAILS**

D-11



Rev:11.07

D-19
SHT. 1 OF 2



REV:04.07

D-30

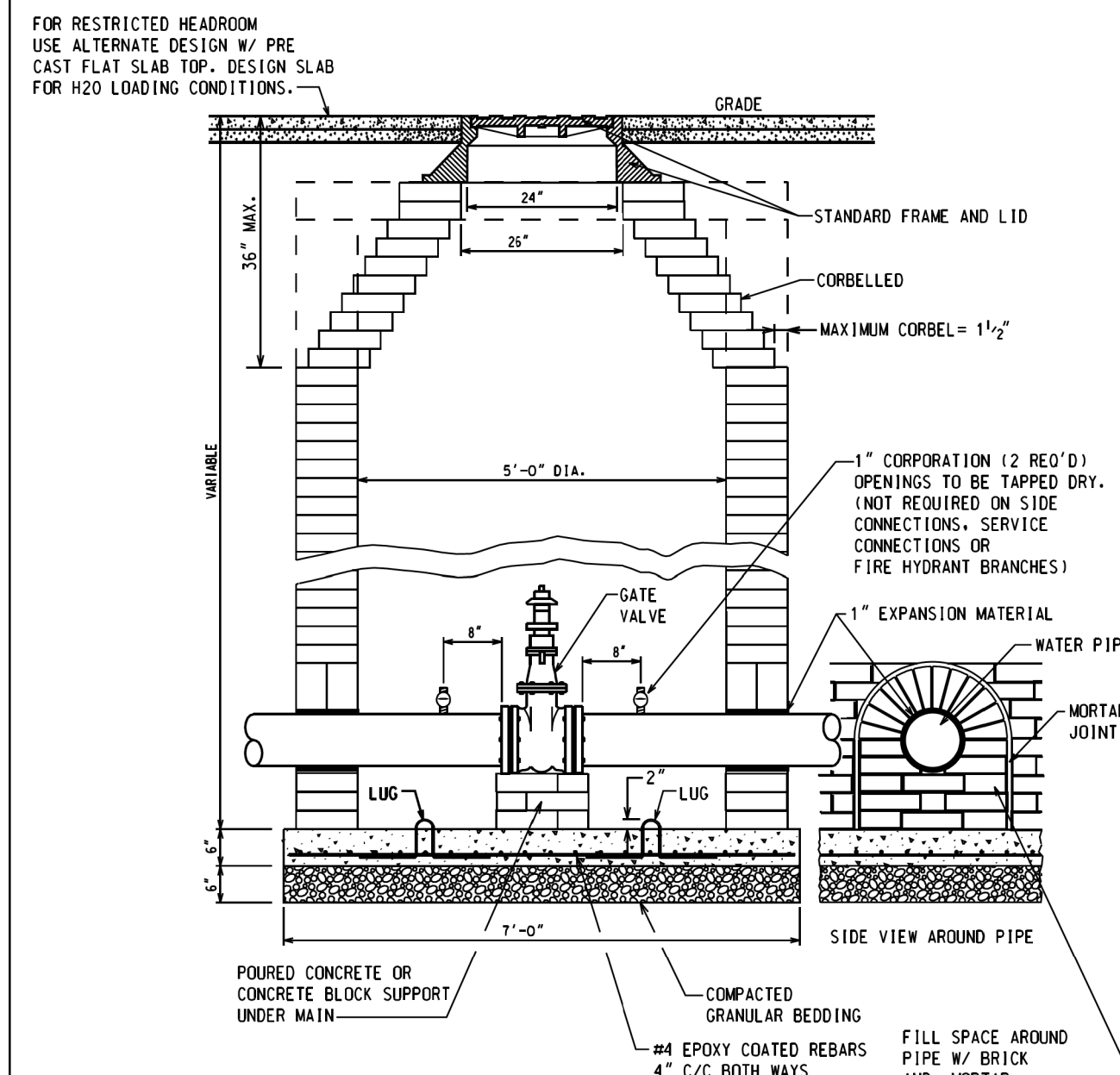
SERVICE PIPE INSULATION DETAILS

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

REV:04.07

SERVICE PIPE INSULATION DETAILS

D-31



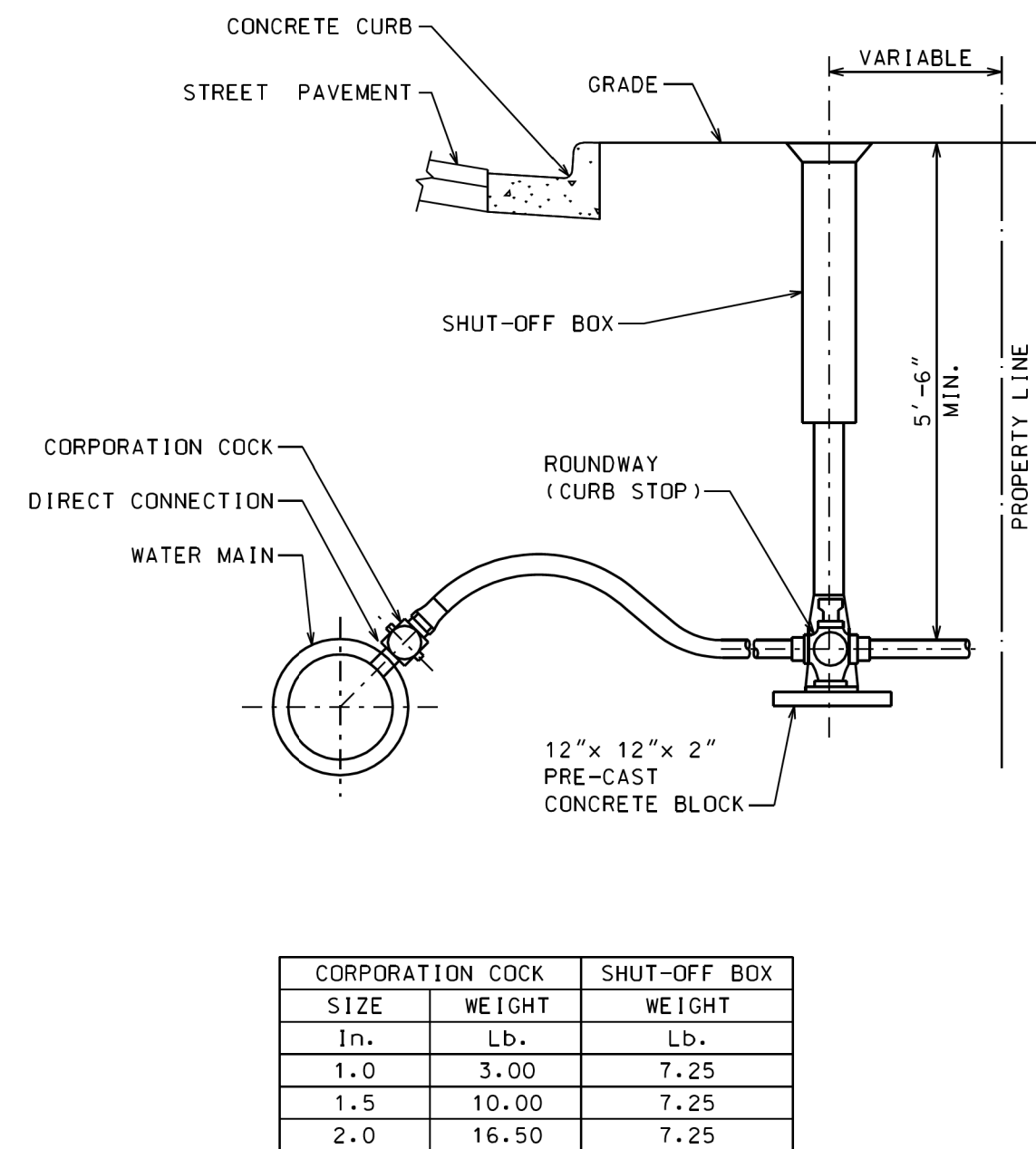
NOTES:

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

REV:04.01

BRICK MASONRY VALVE BASIN

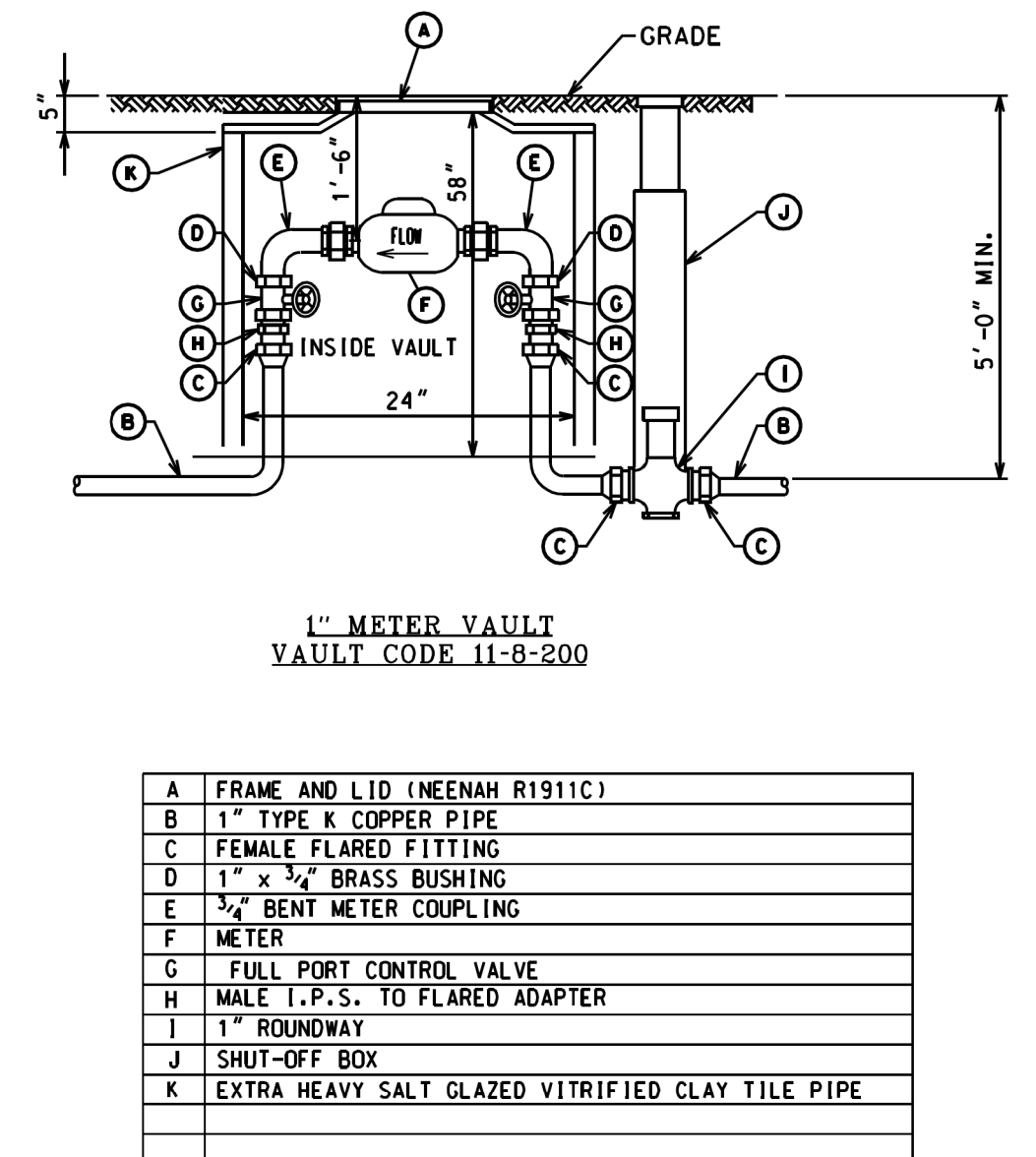
D-14



REV:04.07

TYPICAL 1" TO 2" WATER SERVICE

D-16



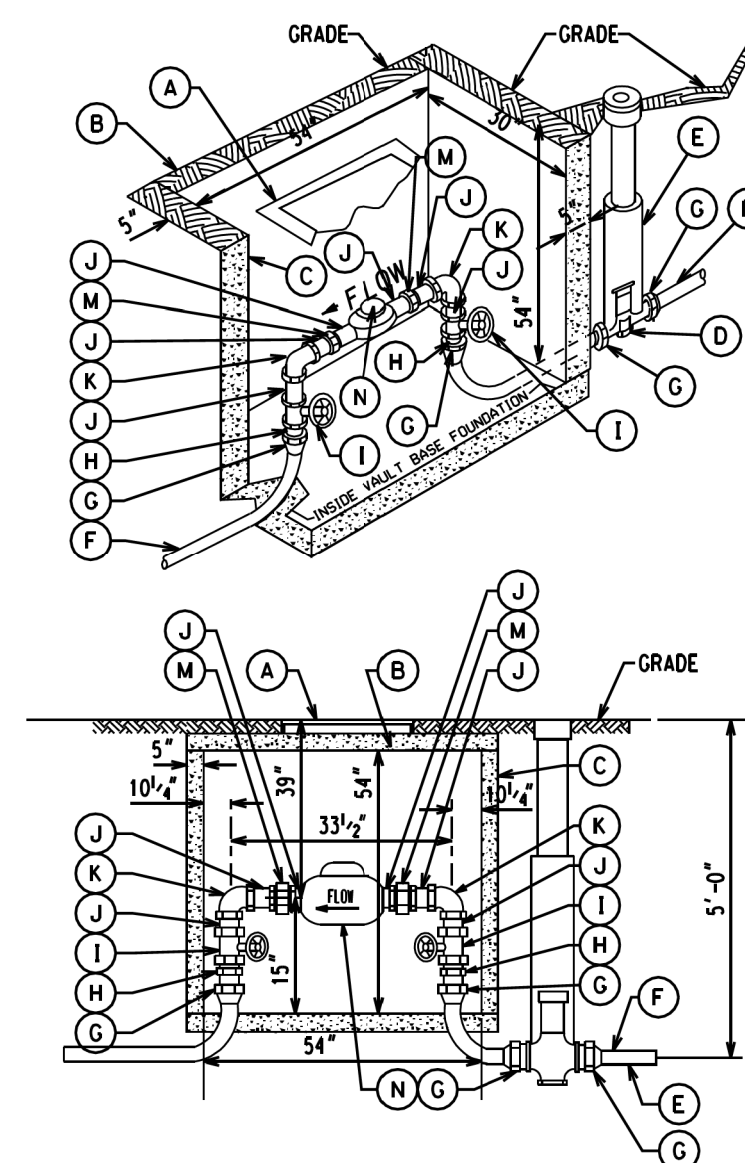
NOTE:

1½" AND 2" METER VAULT CALL
FOR 39" COVER. SEE NEXT PAGE.

REV:04.07

NEW COPPER 1" WATER SERVICE
STANDARD METER VAULT

D-23

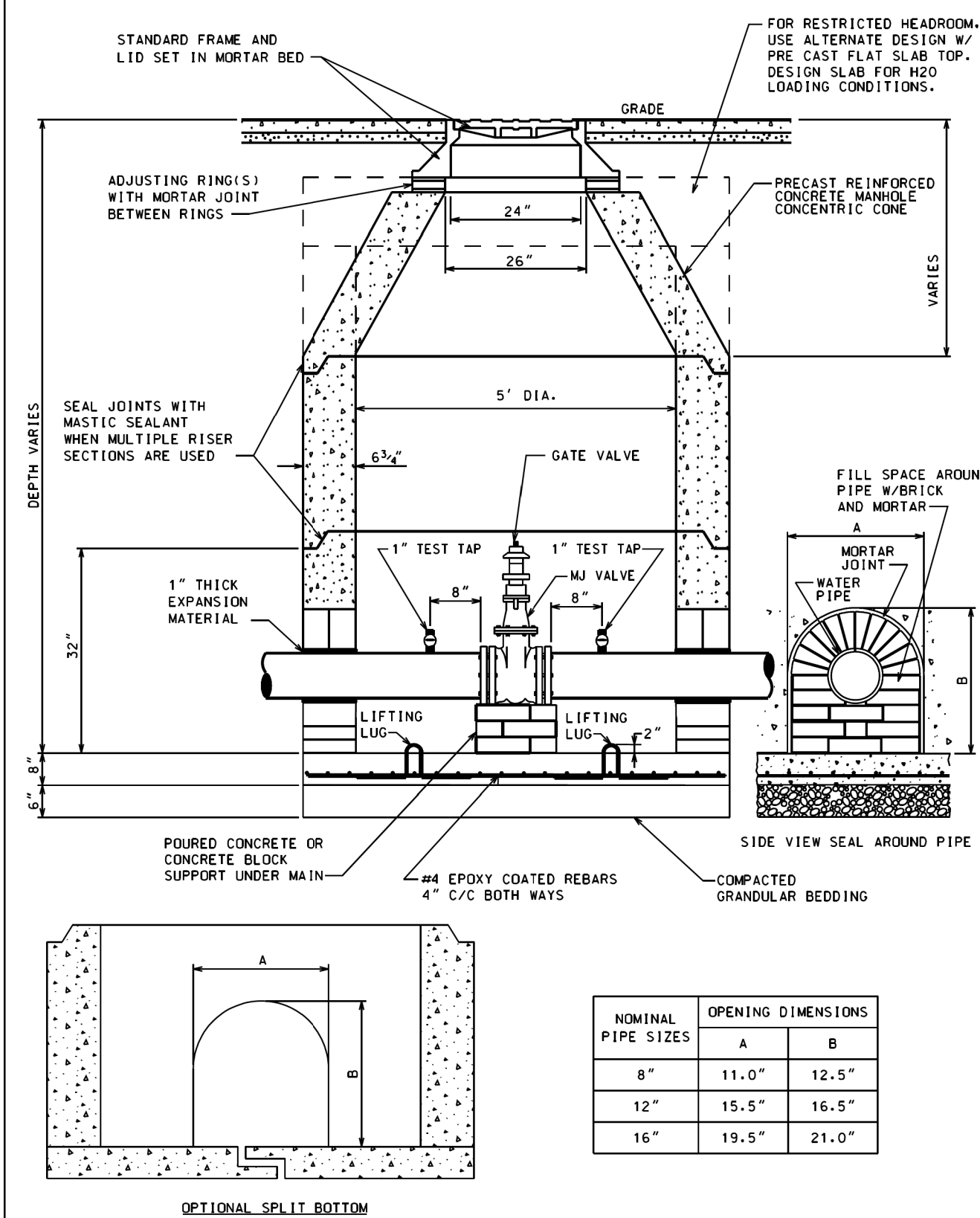


| | |
|---|--|
| A | COVER 25'4" x 25'4" (MINIMUM 18652JIP OR EQUAL) CENTERED OVER METER |
| B | PRECAST CONCRETE TOP |
| C | SOLID CONCRETE BLOCK OR PRECAST CONCRETE |
| D | ROUNDWAY |
| E | SHUT-OFF BOX |
| F | TYPE K COPPER |
| G | F.M., FLARED FITTING |
| H | MALE 1 P.T. TO FLARED |
| I | FULL PORT CONTROL VALVE |
| J | BRASS NIP. |
| K | BRASS ELL. |
| M | BRASS UNION |
| N | METER |

NEW COPPER 1½" & 2" WATER SERVICES
STANDARD METER VAULT

REV:04.07

D-24



PRECAST VALVE BASIN
FOR PIPES UP TO 16" DIA.

REV:06.07

D-13

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

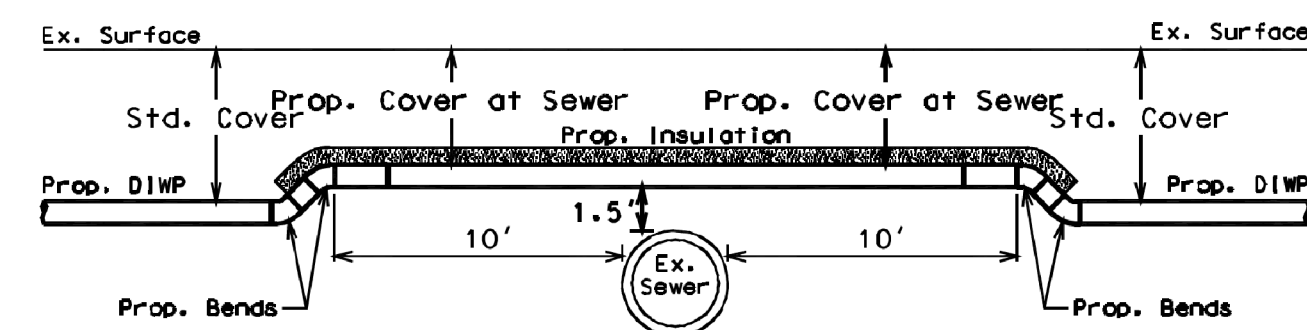
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

CDWM WATER MAIN DETAILS

| | | | | |
|--------|----------|--------------|------|---------|
| SCALE: | SHEET 17 | OF 22 SHEETS | STA. | TO STA. |
|--------|----------|--------------|------|---------|

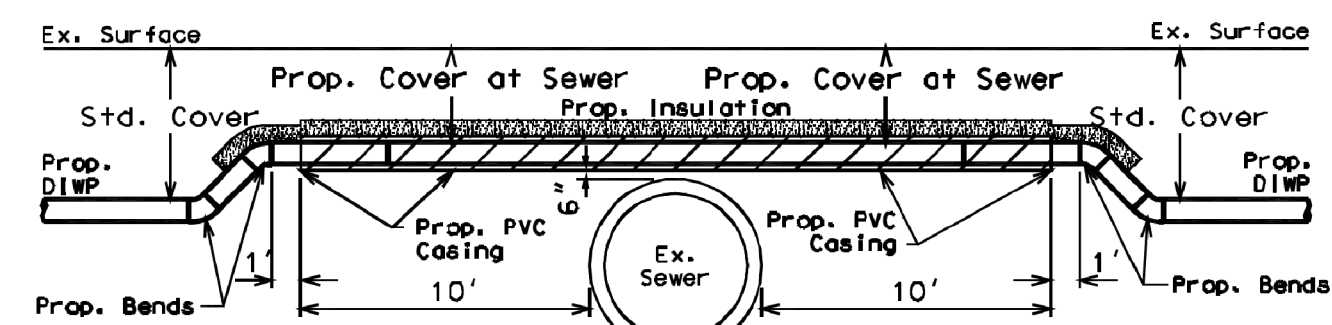
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|--------------|---------|----------|--------------------|-----------------|--------------|
| F.A. RTE. | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | COOK | 49 | 44 |
| | | | CONTRACT NO. C1617 | | |
| | | ILLINOIS | FED. AID PROJECT | | |

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



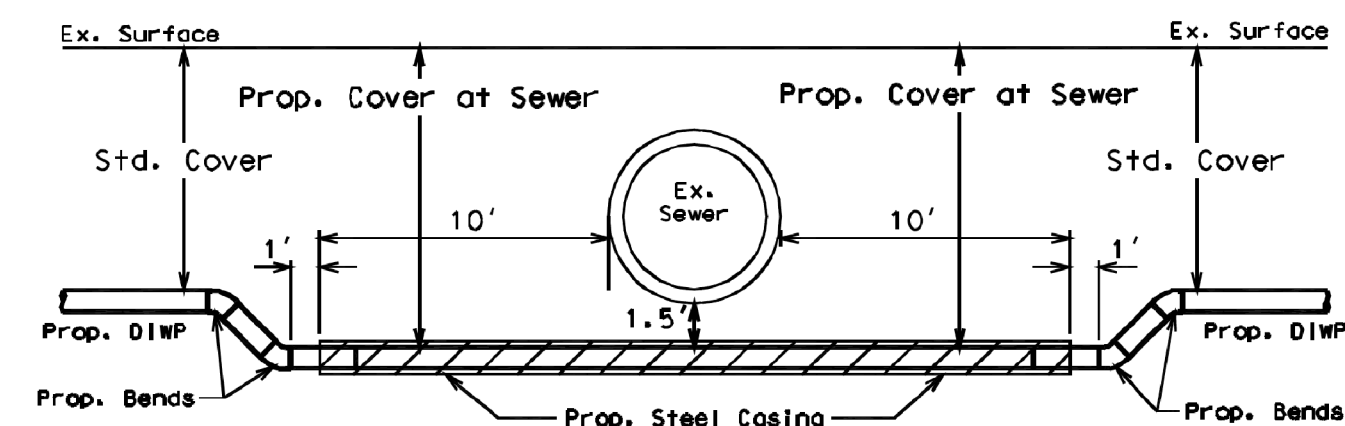
Profile View Along Water Main Centerline

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

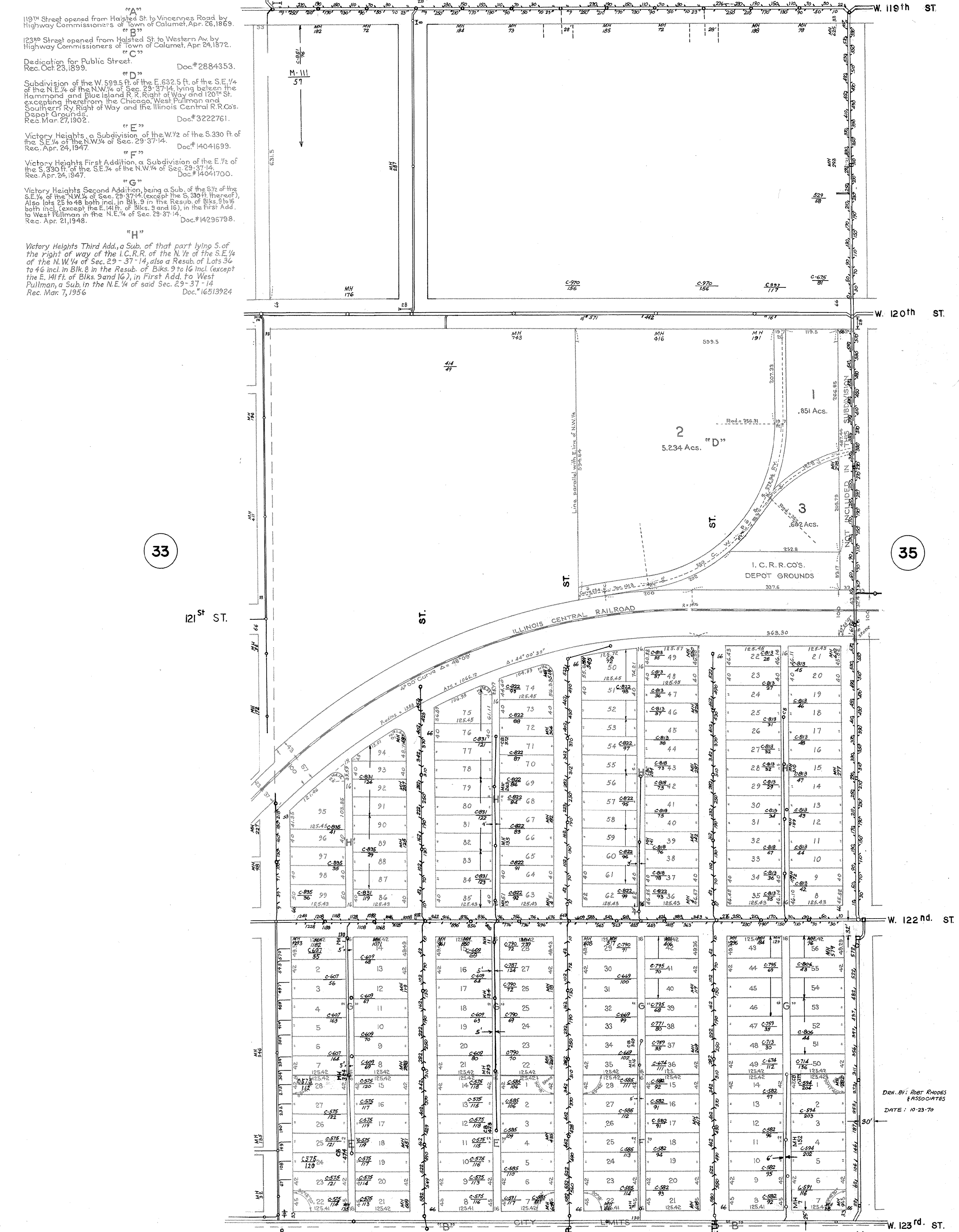
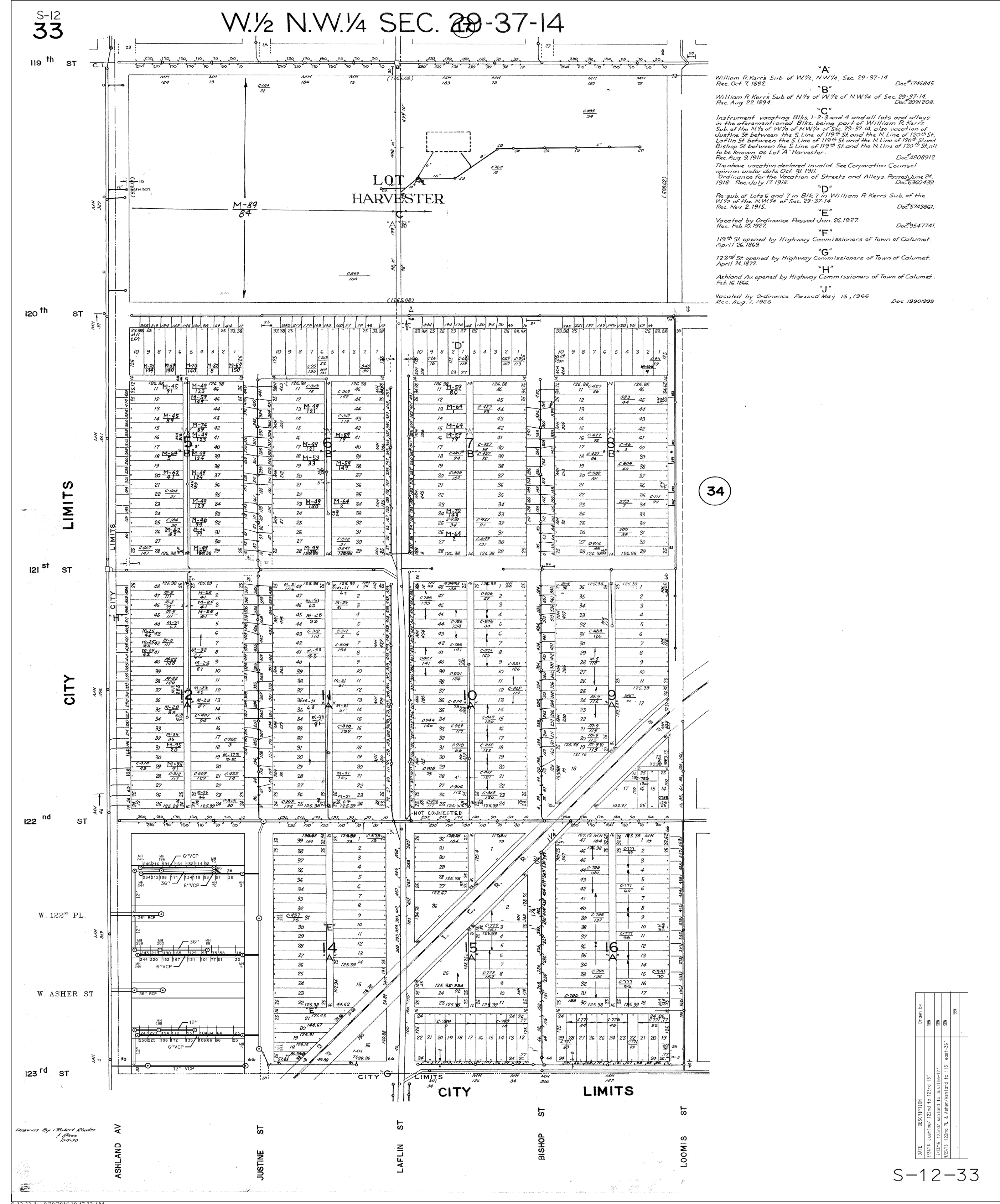


Profile View Along Water Main Centerline

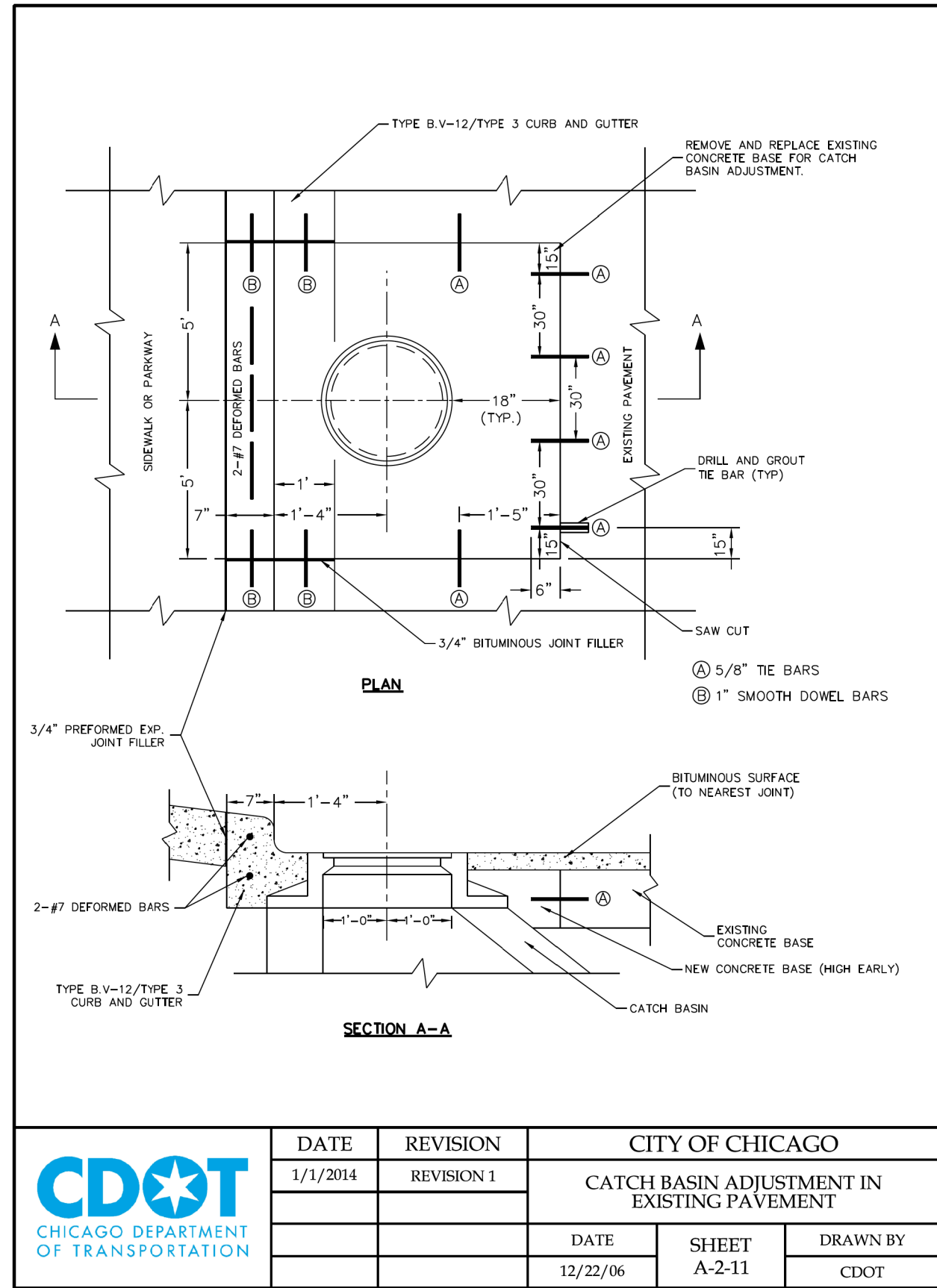
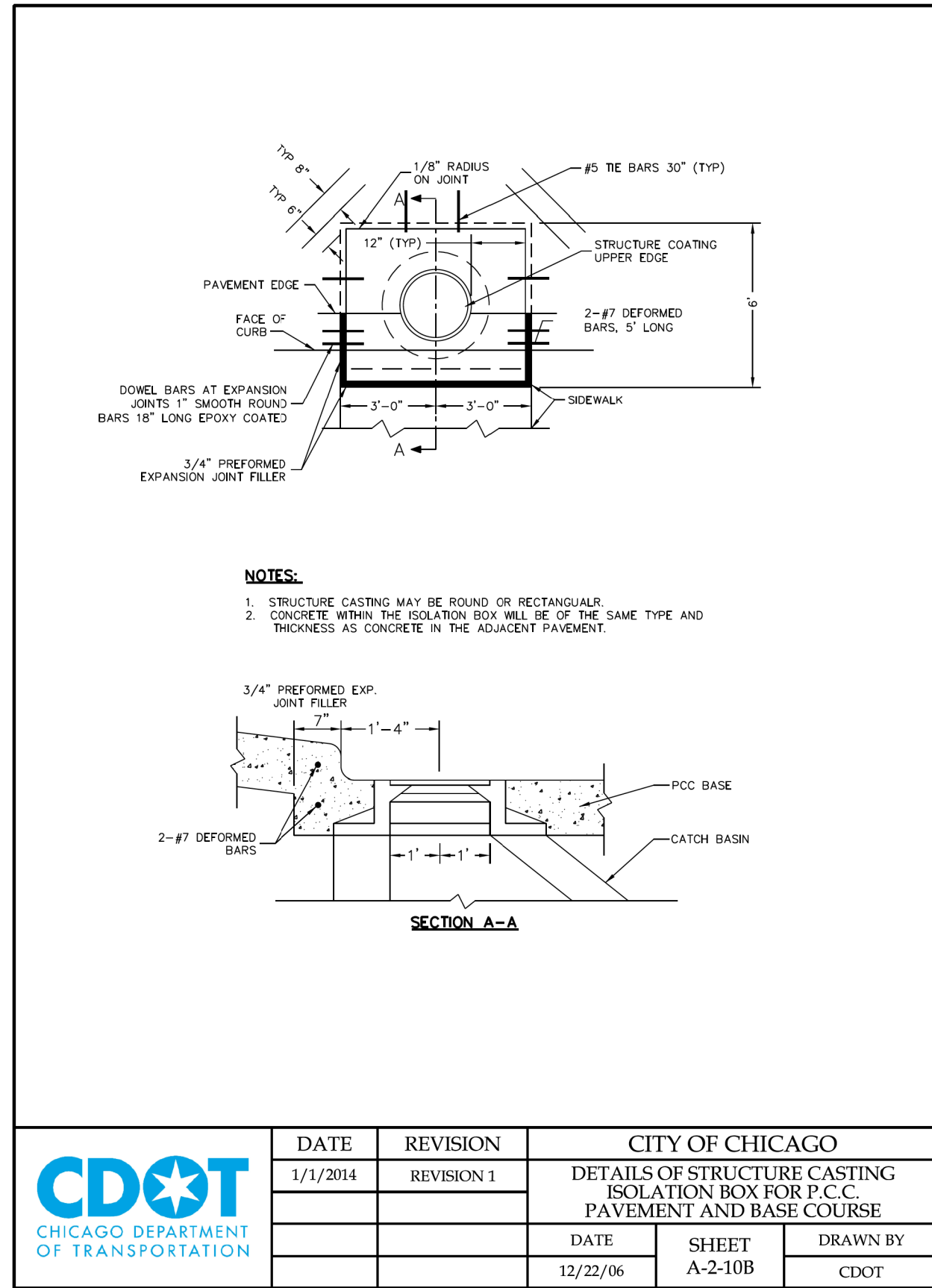
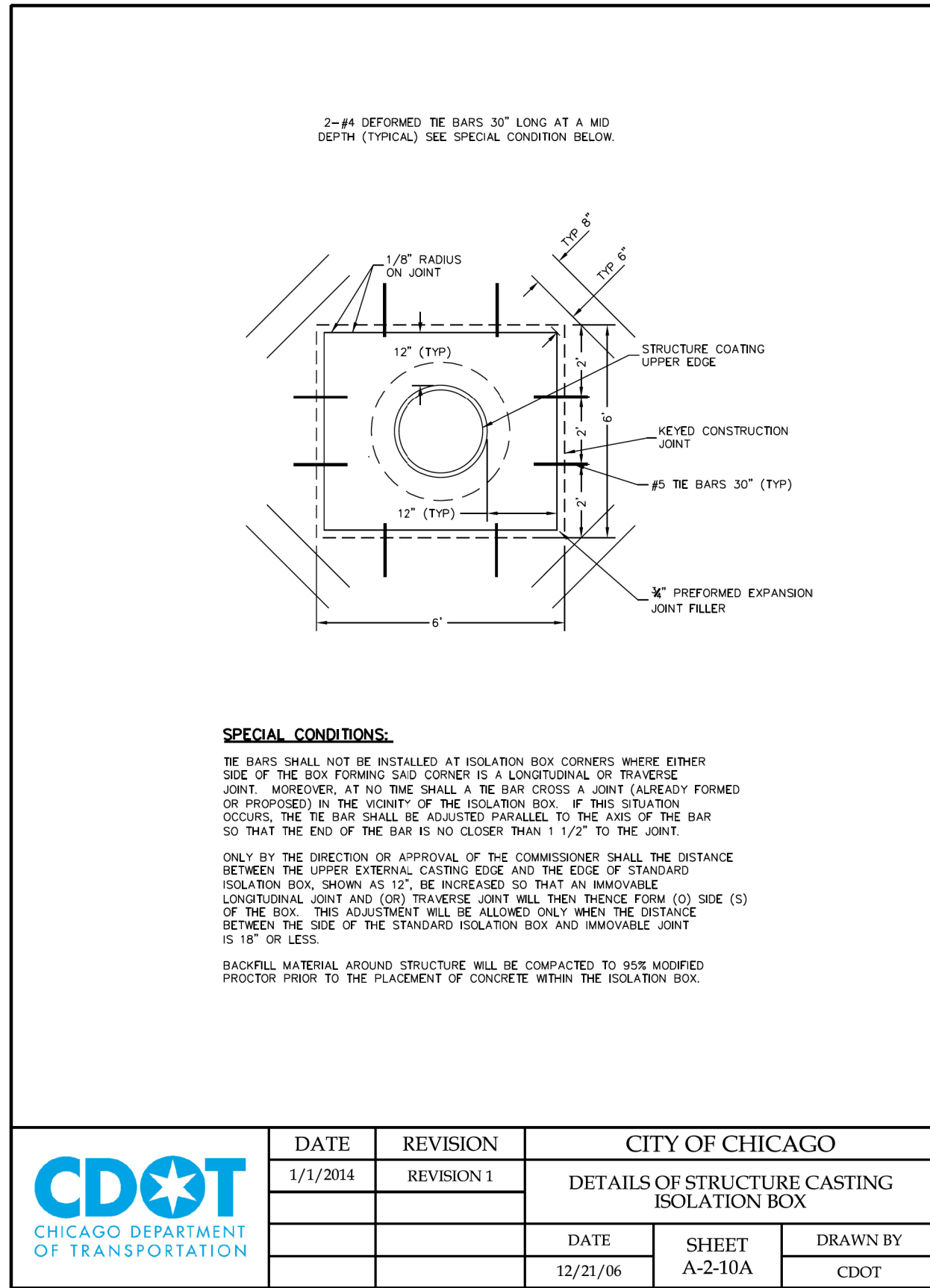
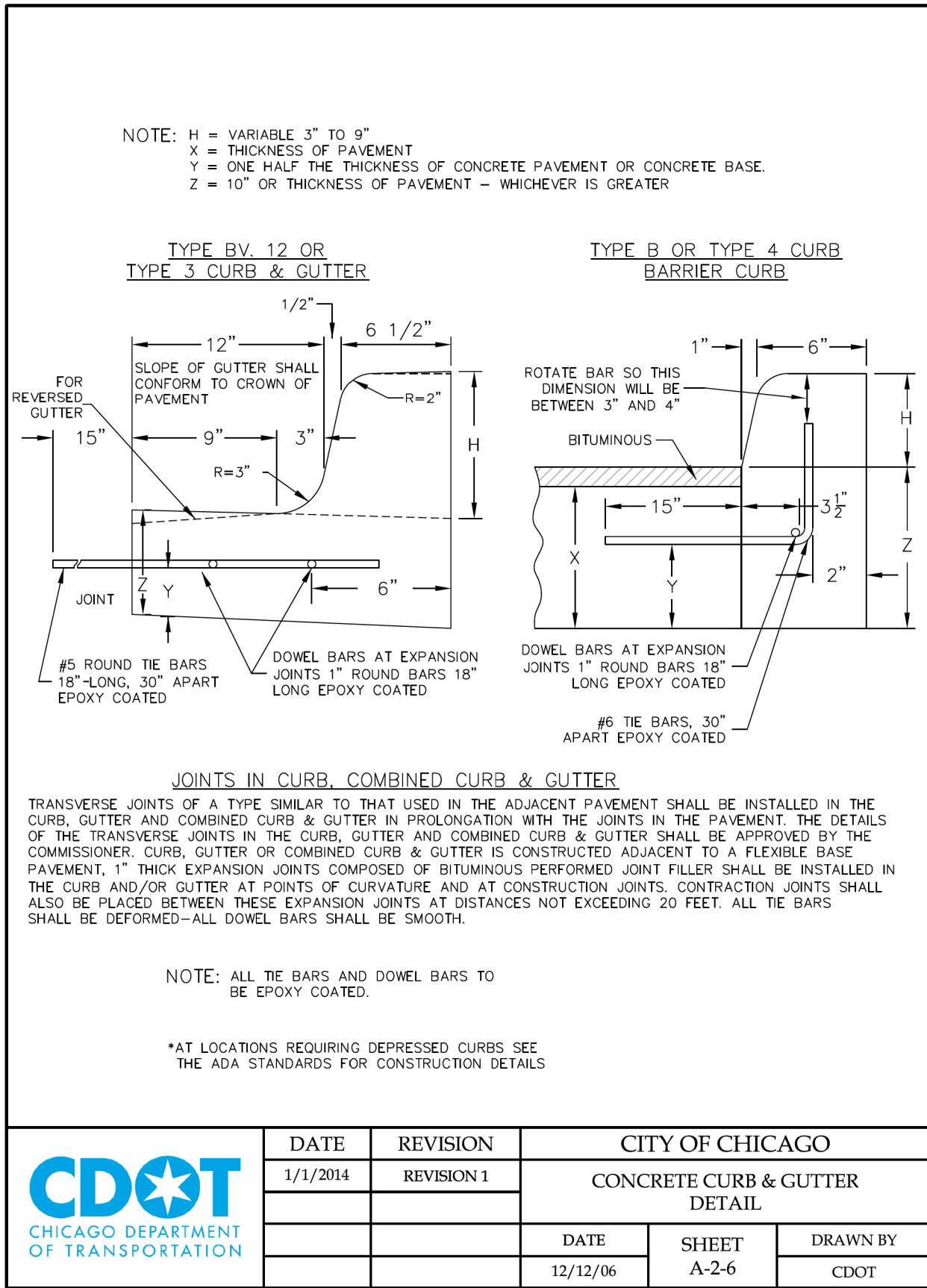
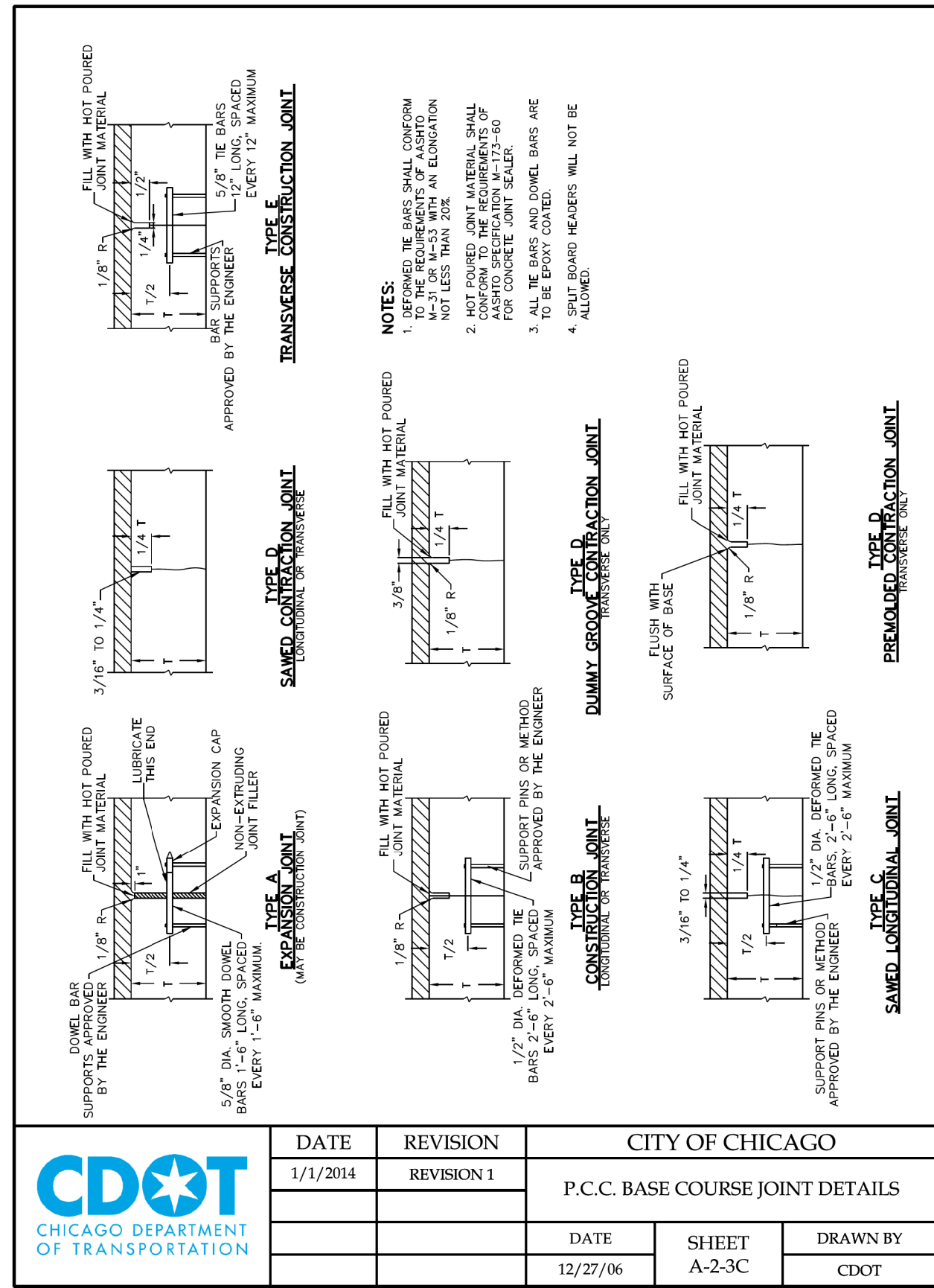
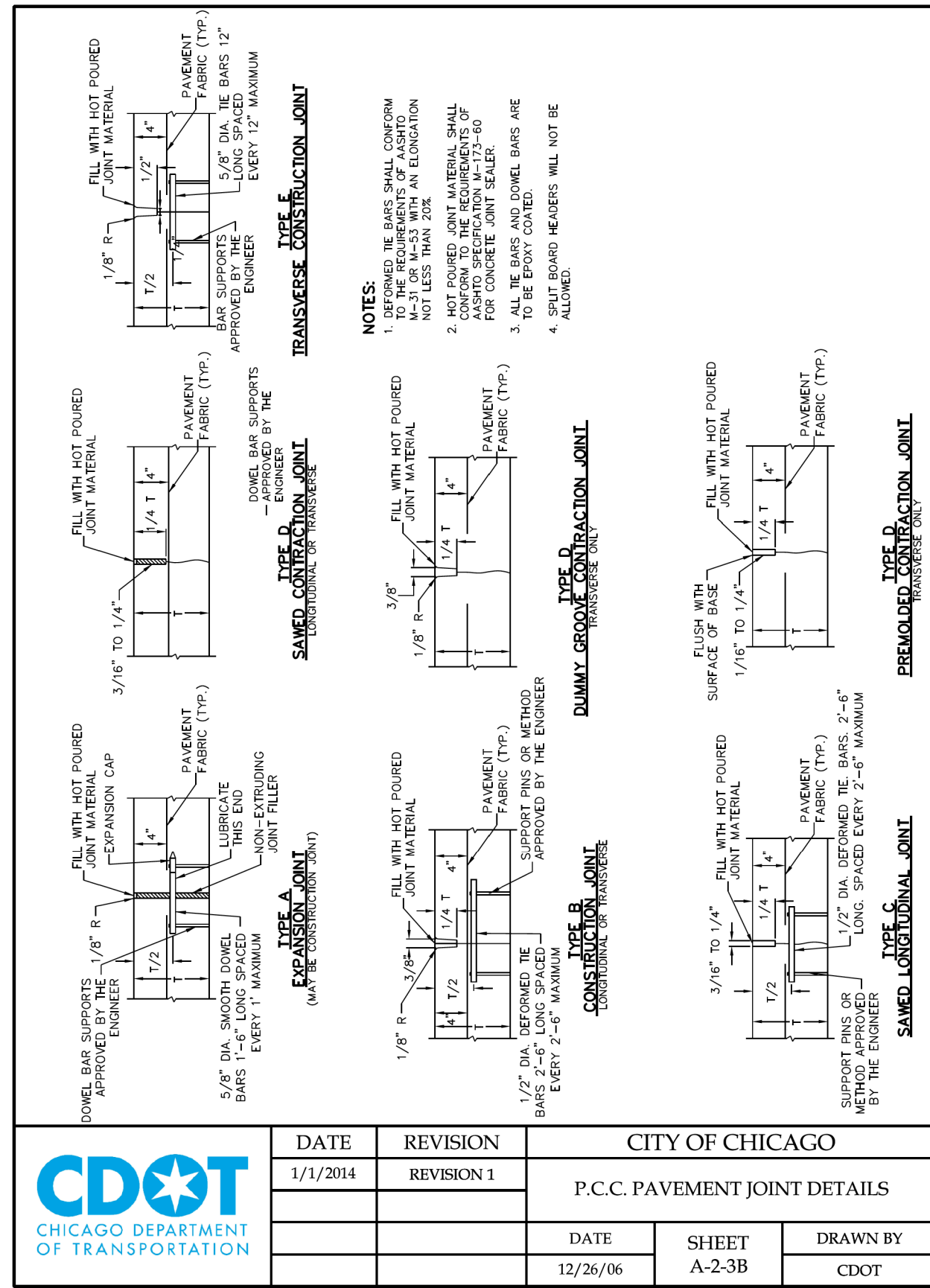
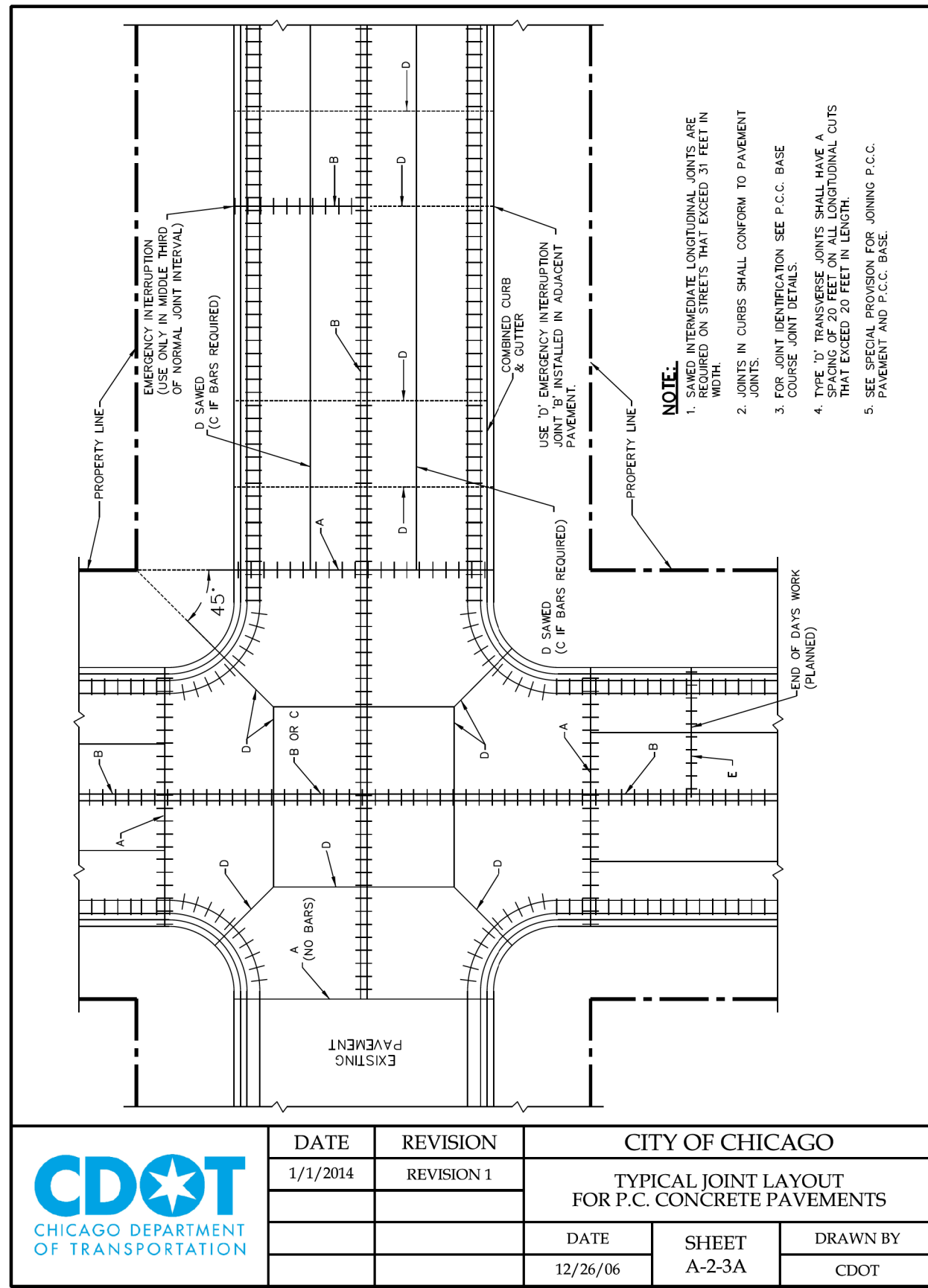
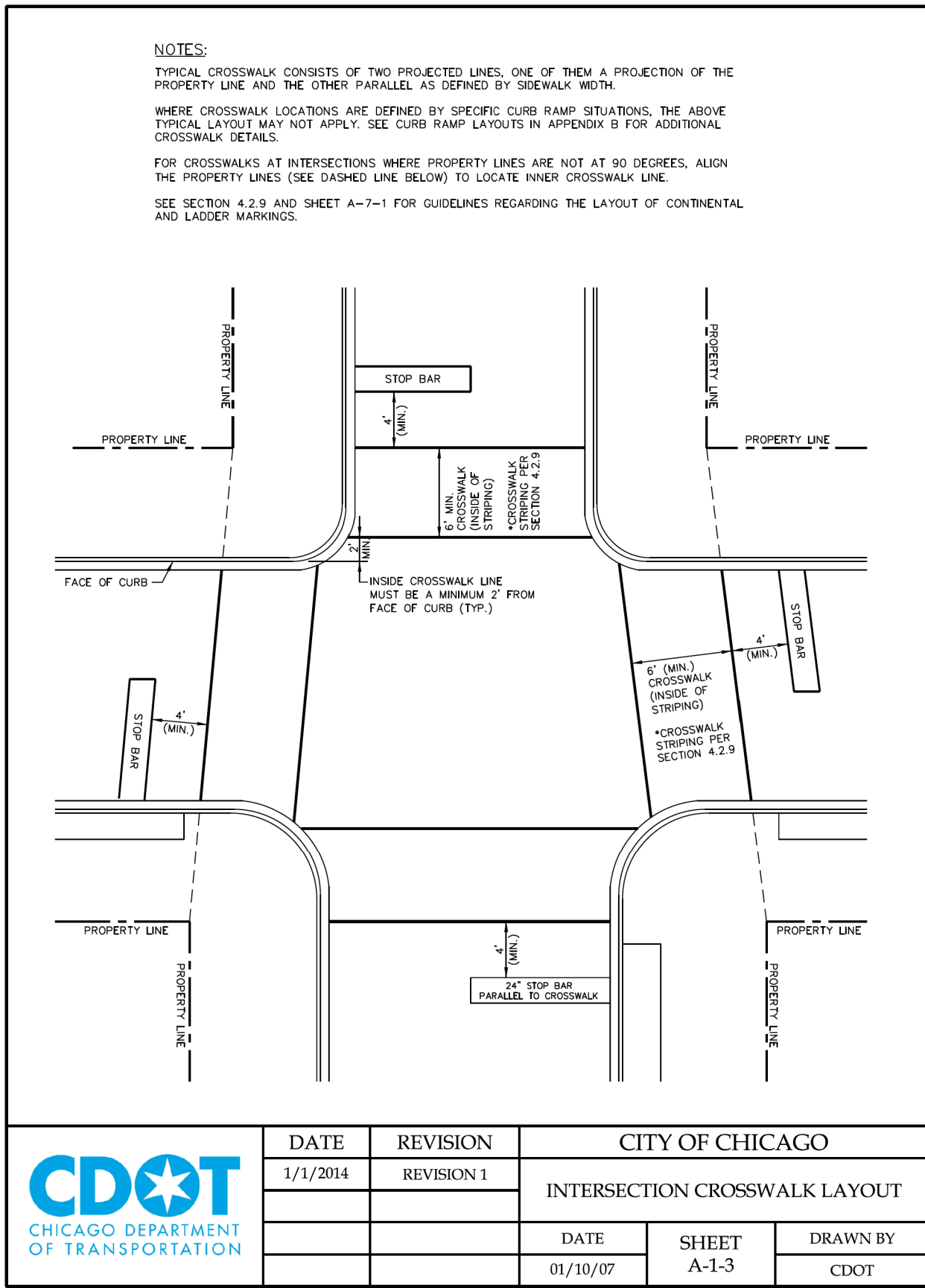
SEWER CROSSING DETAIL B.1
Water Main 1.5' Below Sewer - Case Water Main



Profile View Along Water Main Centerline



MODEL: Default
FILE NAME: Z:\13-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CDOT\22\Uoomis 120th to 940' South\Sheets\22-Uoomis-sh-detail-09.dgn

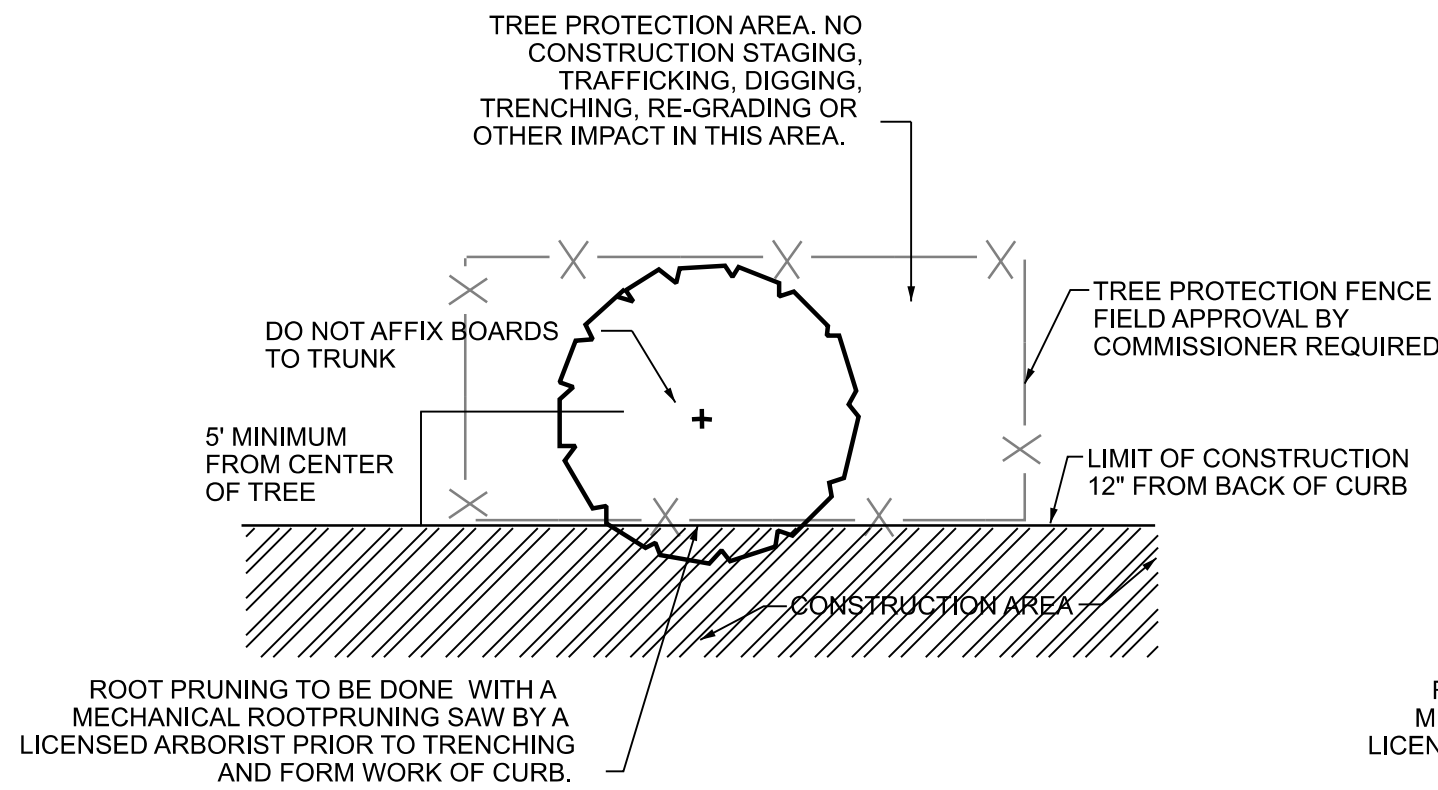


CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION

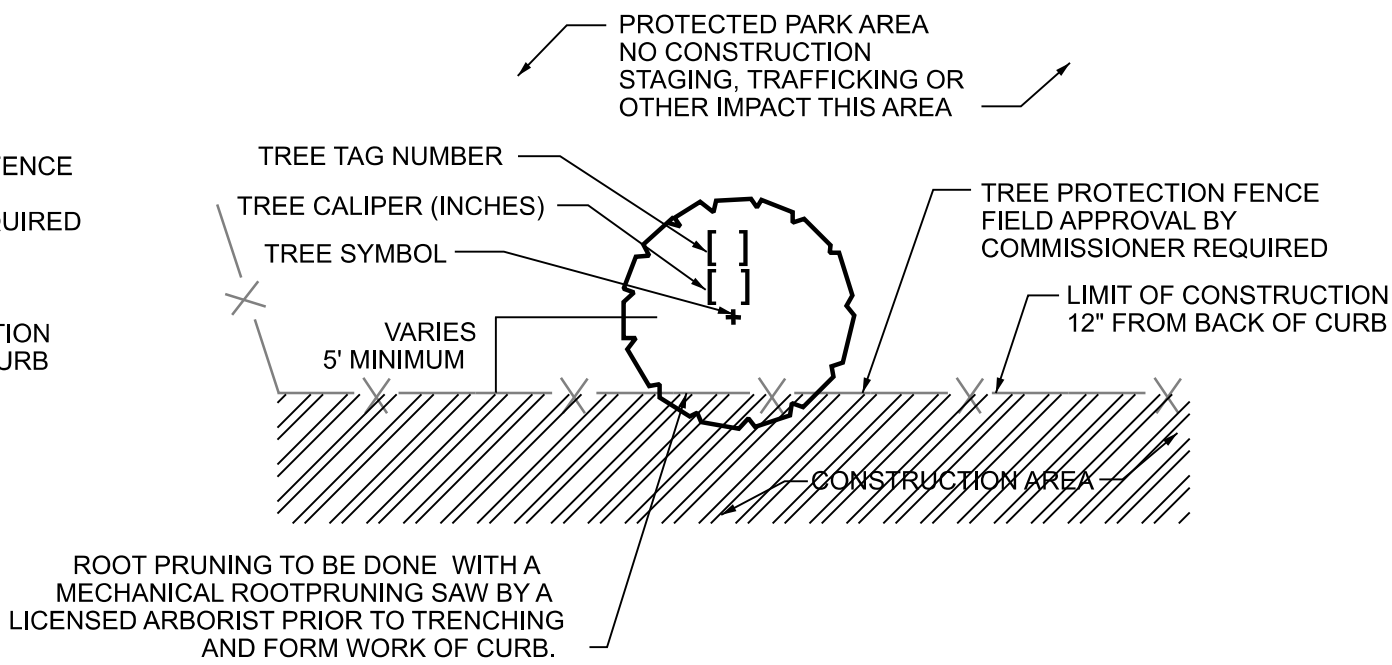
CDOT DETAILS

SCALE: SHEET 20 OF 22 SHEETS STA. TO STA.

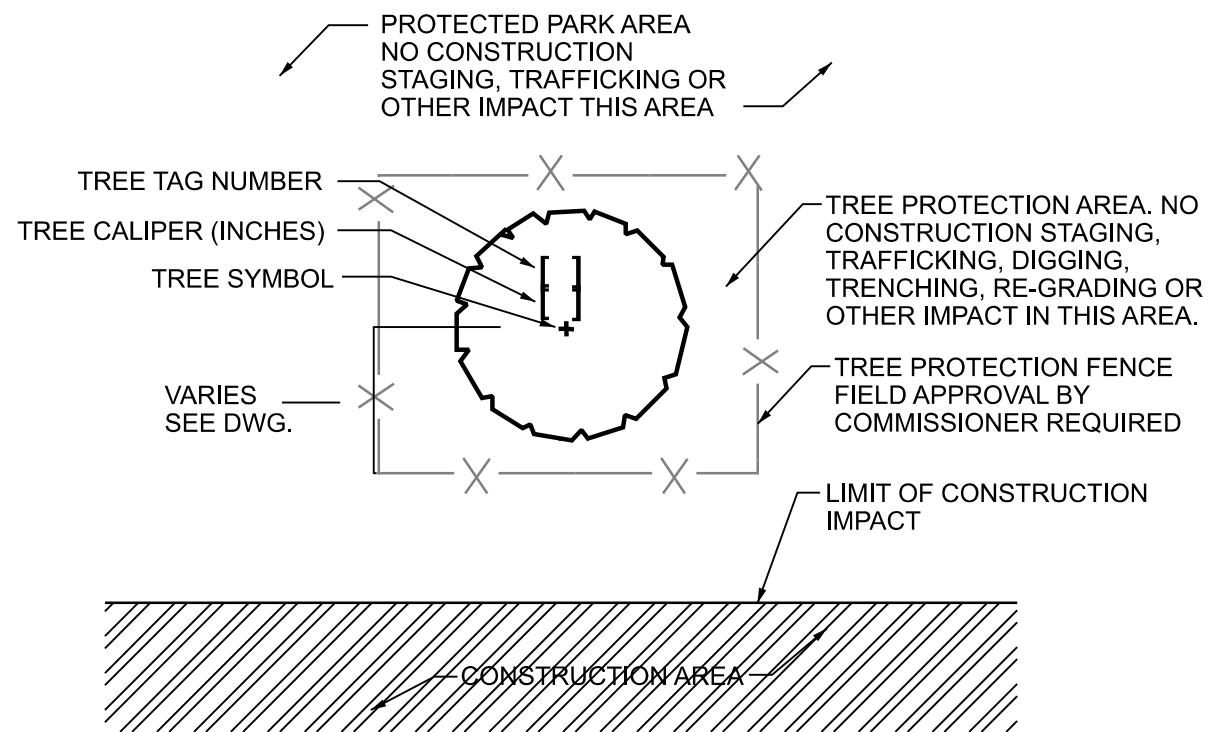
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| | | COOK | 49 | 47 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



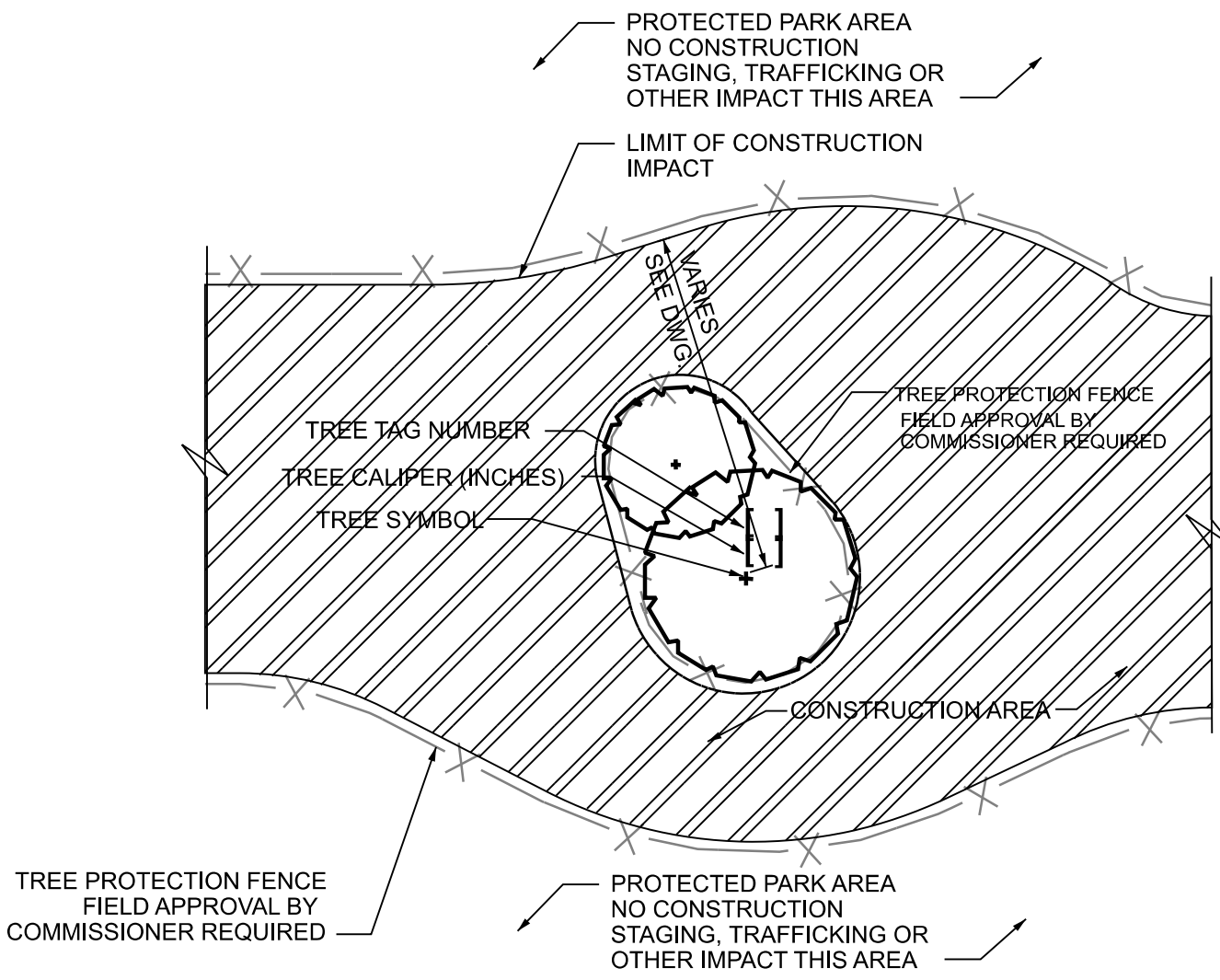
**TREE PROTECTION
PARKWAY TREES
ROOTPRUNING REQUIRED**



**TREE PROTECTION
ROOTPRUNING REQUIRED**



**TREE PROTECTION
TYPICAL**

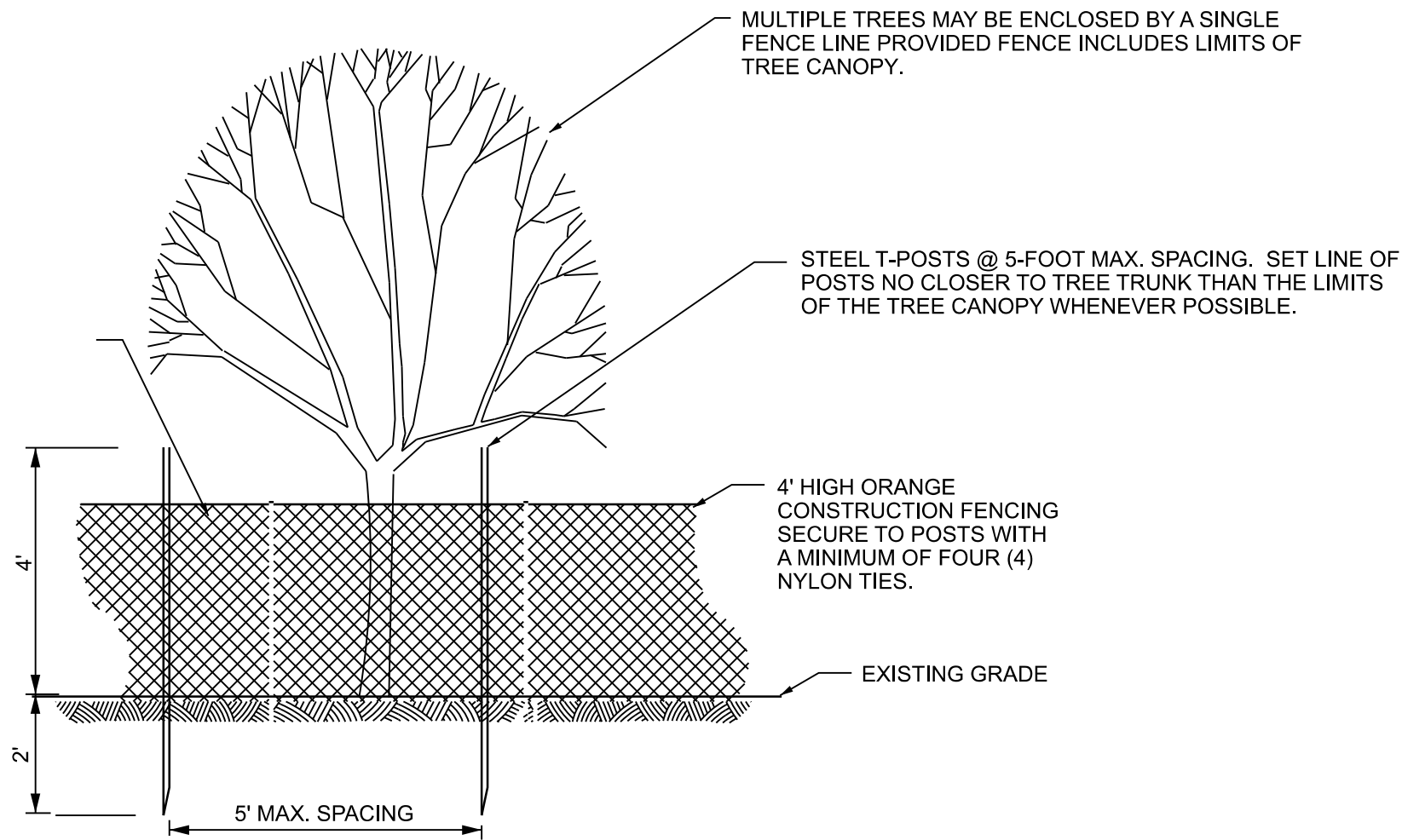


**TREE PROTECTION AREA
ENTIRELY WITHIN CONSTRUCTION AREA**

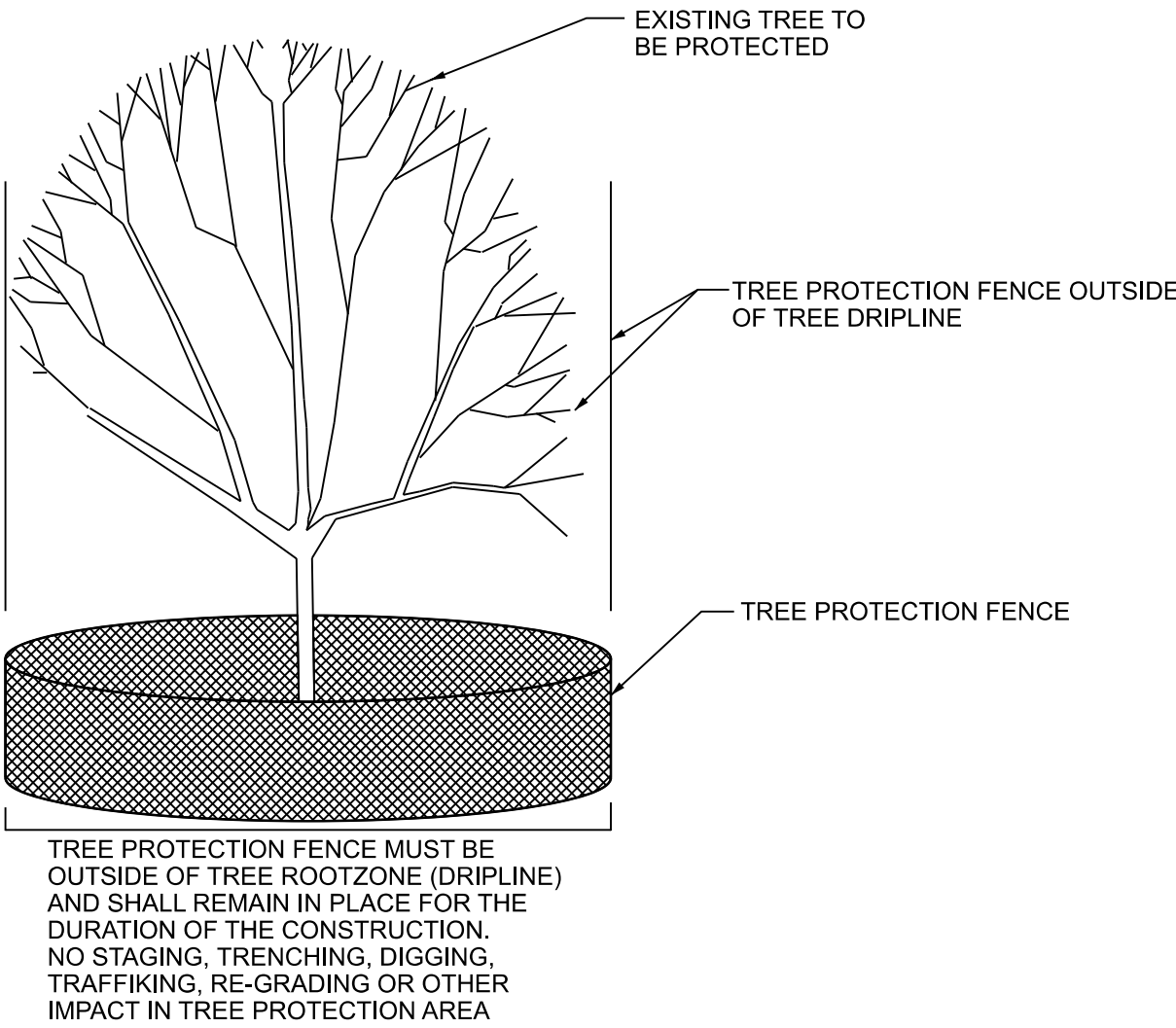
GENERAL NOTES:

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

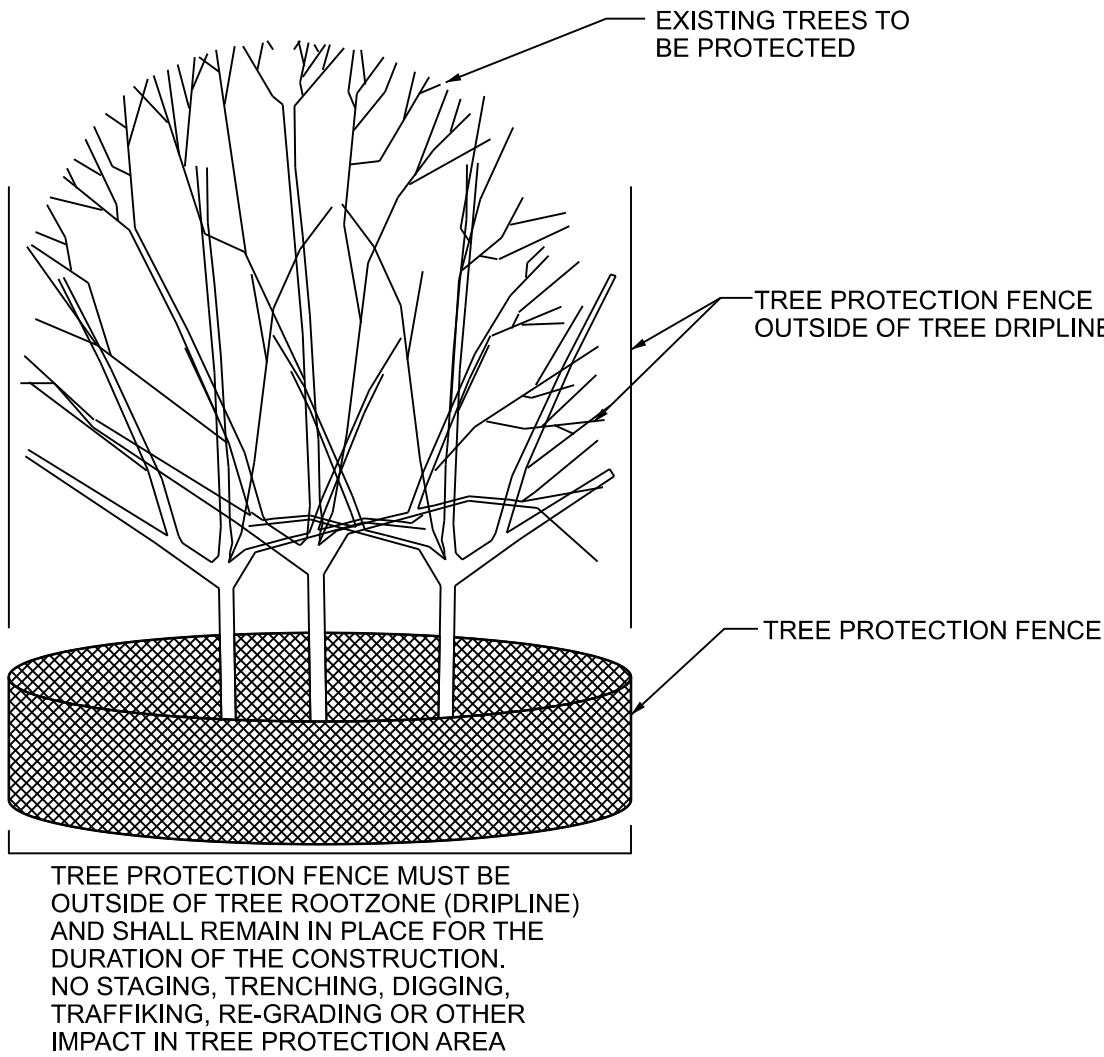
ROOT PRUNING ON MORE THAN ONE SIDE OF AN EXISTING TREE MUST HAVE PRIOR APPROVAL BY THE BUREAU OF FORESTRY.



TREE PROTECTION FENCE



**TYPICAL TREE PROTECTION
ENTIRELY WITHIN CONSTRUCTION AREA**



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

MODEL: D:\draft
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50_Design\CAD\2022\Uoomis_120th to 940' South\Sheets\22-Uoomis-sh-detail-tree-01.dgn



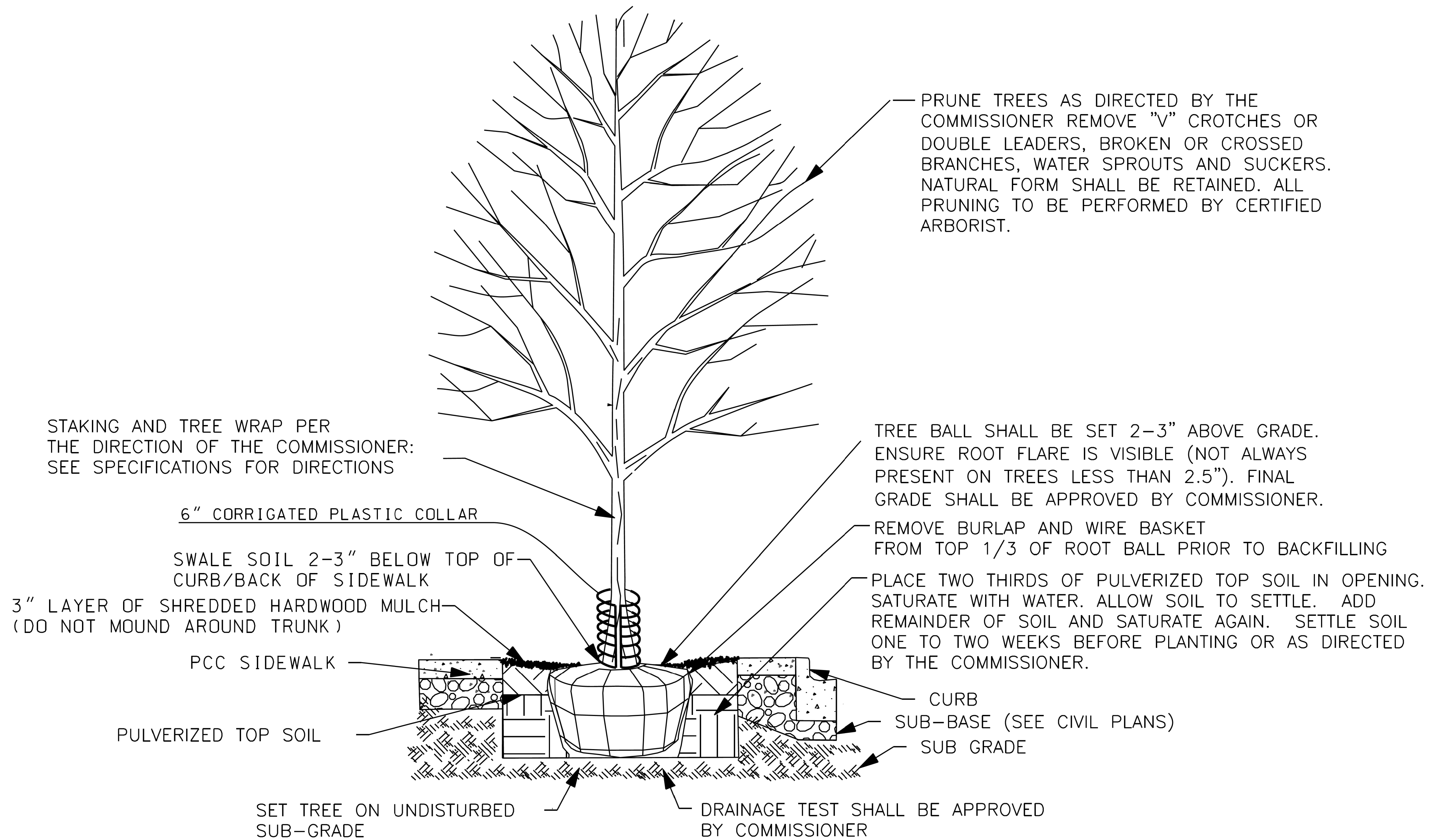
| | | | | | |
|------------|-----------------|----------|--------------|----------------|--------------|
| USER NAME | = mike.thon | DESIGNED | - | REVISED | - |
| | | DRAWN | - | REVISED | - |
| PLOT SCALE | = 10.000' / in. | CHECKED | - | REVISED | - |
| PLOT DATE | = 12/13/2024 | DATE | - 12/13/2024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

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION**

TREE PROTECTION DETAILS

SCALE: SHEET 21 OF 22 SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | COOK | 49 | 48 |
| CONTRACT NO. C1617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



1 TREE PLANTING DETAIL (NEW SIDEWALK OPENING OR NEW PARKWAY)
NTS

MODEL: D:\p\h\1
FILE NAME: 2113-0016-03 CDOT 738719 WPA Streets\Project\50 Design\CDOT\2022\Uoomis 120th to 940' South\Streets\22\Uoomis-sh-tree-detail-tree-02.dgn

| | | | | | | | | | | | | | |
|--|----------------------------|--|-------------------|-----------------------------|---|-----------------------------|-----------------------|------|--------------------|---------------------------|--------|--------------|-----------|
| | USER NAME = mike.thon | | DESIGNED - | REVISED - | CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION | TREE PLANTING DETAIL | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - | | REVISD - | REVISED - | | | | | | | COOK | 49 | 49 |
| | PLOT SCALE = 10.000' / in. | | CHECKED - | REVISED - | | | | | CONTRACT NO. C1617 | | | | |
| | PLOT DATE = 12/13/2024 | | DATE - 12/13/2024 | ISSUED FOR BID - 12/17/2024 | | SCALE: | SHEET 22 OF 22 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | |