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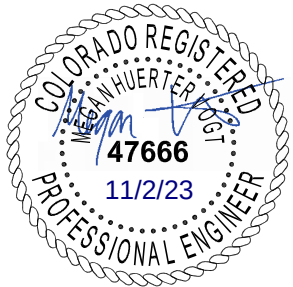
LOT 1, PARKER TOWN HALL, 3rd AMENDMENT, SUBDIVISION EXEMPTION PLAT
LOCATED IN THE NORTHWEST 1/4 OF SECTION 23, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.



NTS

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I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO.



MEGAN HUERTER VOGT
REGISTERED PROFESSIONAL ENGINEER
COLORADO NO. 47666

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THE BASIS OF BEARING IS BASED ON THE WEST LINE OF THE NW 1/4 OF SECTION 23
BEING N00°25'14"W.

1-1/4" ALUMINUM ALLOY CAP SET ON NUMBER 5 REBAR STAMPED " AZTEC CP 51
"LOCATED IN THE NORTH PARKING LOT OF CORNERSTONE PARK IN LITTELTON, IN
THE GRASSY ISLAND 80.3 FEET EAST OF THE EAST EDGE THE GRAVEL TRAFFIC
CIRCLE, AND 8 FEET NORTH OF THE EDGE OF GRAVEL

ELEVATION=5399.27 (NAVD 88).

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

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Town of Parker, Director of Engineering/Public Works

Date _____



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Know what's **below**.
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NO.	DESCRIPTION	DATE
1	FIRST TOWN SUBMITTAL	11/03/2023

PROJECT: **PARKER TOWN HALL EXPANSION**

20120 MAIN STREET
PARKER, CO 80138

DRAWING TITLE:

FILE PATH: C:\Users\rh\DC\ACCDocs\S. A. Miro, Inc-\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C000-COVR.dwg C000 - 11/2/2023



DESIGNED BY: RJ

DRAWN BY: RL

CHECKED BY: MH

MIRO JOB NO. 2213

DRAWING NUMBER

C-000

MASTER LEGEND:

PROPOSED		EXISTING	
	PROPERTY LINE		CURB AND GUTTER
	SECTION LINE		SIDEWALK
	RIGHT OF WAY LINE		WALL
	CENTER LINE		FENCE
	CURB AND GUTTER		SIGN
	SIDEWALK		LIGHT
	WALL		TREE
	FENCE		TREE
	SIGN		TREE
	LIGHT		TREE
	TREE		TREE
	MINOR CONTOURS		TREE
	MAJOR CONTOURS		TREE
	RIDGE LINE		TREE
	SPOT ELEVATION		TREE
	CABLE TV LINE		TREE
	COMMUNICATION LINE		TREE
	ELECTRICAL LINE		TREE
	OVERHEAD ELECTRICAL LINE		TREE
	FIBER OPTIC LINE		TREE
	GAS LINE		TREE
	TELEPHONE LINE		TREE
	IRRIGATION LINE		TREE
	RAW WATER LINE		TREE
	SANITARY SEWER LINE		TREE
	STEAM LINE		TREE
	STORM SEWER LINE		TREE
	WATER LINE		TREE
	EASEMENT		TREE
	INLET		INLET
	FLARED END SECTIONS		INLET
	CLEANOUT		INLET
	FIRE HYDRANT		INLET
	VALVE		INLET
	WATER FITTINGS		INLET
	PEDESTAL		INLET
	UTILITY CROSSING		INLET
	MANHOLES		INLET
	MANHOLES		INLET
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ABBREVIATIONS:

BFV	BUTTERFLY VALVE	PCC	POINT OF COMPOUND CURVATURE
BOV	BLOW OFF VALVE	PCR	POINT OF CURB RETURN
BW	BOTTOM OF WALL @ FINISHED GRADE	PI	POINT ON INTERSECTION
CL	CENTERLINE	PRC	POINT OF REVERSE CURVATURE
CMP	CORRUGATED METAL PIPE	PT	POINT OF TANGENCY
EJ	EXPANSION JOINT	PVC	POLYVINYL CHLORIDE
ELEC.	ELECTRIC	RCP	REINFORCED CONCRETE PIPE
ELEV.	ELEVATION	RCB	REINFORCED CONCRETE BOX
EX	EXISTING	RL	RIDGE LINE
FES	FLARED END SECTION	ROW	RIGHT OF WAY
FG	FINISHED GRADE	RT	RIGHT
FS	FINISHED SURFACE	SD	STORM DRAINAGE SEWER
FL	FLOWLINE	SS	SANITARY SEWER
GB	GRADE BREAK	STA:	STATION
HP	HIGH POINT	STRM	STORM SEWER
FH	FIRE HYDRANT	TOF	TOP OF FLANGE
INV.	INVERT	TOP	TOP OF PIPE
IRR	IRRIGATION	TW	TOP OF WALL @ FINISHED GRADE
KB	KICK BLOCK	TYF	TYPICAL
LF	LINEAR FEET	VCP	VITRIFIED CLAY PIPE
LP	LOW POINT	VPC	VERTICAL POINT OF CURVATURE
LT	LEFT	VPI	VERTICAL POINT OF INTERSECTION
ME	MATCH EXISTING	VPT	VERTICAL POINT OF TANGENCY
MH	MANHOLE	WATR	WATER LINE
PC	POINT OF CURVATURE		

TOWN OF PARKER STORM DRAINAGE INFRASTRUCTURE NOTES

- ALL STORM DRAINAGE IMPROVEMENTS ARE SUBJECT TO COMPLIANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, M & S STANDARDS, AND ALL STANDARD SPECIAL PROVISIONS CURRENTLY USED BY CDOT, WITH THE MODIFICATIONS SET FORTH IN THE TOWN OF PARKER'S STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL (SDECM), AS AMENDED.
- THE CONTRACTOR SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8 CRS), THE "PROTECTION OF FISHING STREAMS" TITLE 33, ARTICLE 5, CRS), THE "CLEAN WATER ACT" (33 USC 1344), CHERRY CREEK RESERVOIR CONTROL REGULATION NO. 72" (5 COR 1002-72), THE REGULATION PROMULGATED, CERTIFICATION OR PERMITS ISSUES, AND THE REQUIREMENTS PRESENTED IN THE SDECM REVISION TO SECTION 107 AND THE CONSTRUCTION BMP PLAN, IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND WATER QUALITY CONTROL LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, OR STATE AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- INSPECTIONS: CONSTRUCTION SHALL NOT BEGIN UNTIL A GRADING PERMIT HAS BEEN ISSUED FOR THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE TOWN OF PARKER ENGINEERING DEPARTMENT (PUBLIC WORKS) TO SCHEDULE INSPECTIONS A MINIMUM OF 48 HOURS PRIOR THE CONSTRUCTION OF ALL DRAINAGE INFRASTRUCTURE (STORM SEWERS, INLETS, MANHOLES, ENERGY DISSIPATORS, RIPRAP, GROUTED BOULDERS, DETENTION POND OUTLET STRUCTURES, FOREBAYS, TRICKLE CHANNELS, ETC). FAILURE TO NOTIFY THE ENGINEERING DEPARTMENT FOR INSPECTIONS MAY RESULT IN NON-ACCEPTANCE OF THE INFRASTRUCTURE BY THE TOWN. URBAN DRAINAGE AND FLOOD CONTROL DISTRICT MUST ALSO BE NOTIFIED IN A SIMILAR MANNER FOR ALL MAINTENANCE ELIGIBLE DRAINAGE INFRASTRUCTURES (CONSULT WITH STORMWATER ENGINEERING DIVISION).
- STRUCTURAL BACKFILL (CDOT CLASS 1) SHALL BE COMPACTED TO CONFORM TO CDOT STANDARD SPECIFICATION 203.03. STRUCTURAL BACKFILL (SQUEEGEE) MEETING THE GRADATION REQUIREMENTS CONTAINED IN REVISION OF SECTION 206 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM, MAY BE SUBSTITUTED FOR STRUCTURE BACKFILL (CLASS 1) OR CLASS 2) FOR BACKFILLING OF CULVERT PIPES, STORM SEWER PIPES, MANHOLES AND INLET STRUCTURES; HOWEVER, THE TOP 2 FEET BELOW SUBGRADE ELEVATION SHALL BE THE REQUIRED EMBANKMENT MATERIAL.
- ALL EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
- TESTING: PROBATIONARY ACCEPTANCE OF STORM DRAINAGE IMPROVEMENTS WILL BE CONTINGENT UPON SATISFACTORY TESTING RESULTS. IN ALL CASES WHERE TESTS INDICATE COMPACTION LESS THAN THAT REQUIRED BY TOWN SPECIFICATIONS, ADDITIONAL COMPACTION AND TESTS WILL BE REQUIRED UNTIL THE SPECIFICATIONS ARE MET. FREQUENCY OF TESTING WILL BE AS FOLLOWS:
 - 1 TEST FOR SUBGRADE AND 1 TEST FOR BACKFILL AT EVERY ABOVE GROUND APPURTENANCE (MANHOLES, INLETS, ETC)
 - 1 TEST EVERY 200 LF OF MAINLINE TRENCH EVERY 1 FOOT OF BACKFILL LIFT AND WITHIN 1 FOOT FROM ALL STRUCTURES.
- ALLOWABLE STORM SEWER CONDUIT MATERIAL WITHIN THE TOWN OF PARKER SHALL BE LIMITED TO REINFORCED CONCRETE PIPE (RCP) CONFORMING TO CDOT STANDARD SPECIFICATION 706.02.
- ALL RCP JOINTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C443. RUBBER GASKETS SHALL BE USED ON ALL PIPE JOINTS CONFORMING TO ASTM C443. ALL RCP SECTIONS SHALL BE JOINED IN SUCH A MANNER THAT THE ENDS ARE FULLY ENTERED AND THE INNER SURFACES ARE REASONABLE FLUSH. AVERAGE JOINT GAP THAT EXCEEDS 1/8 INCH SHALL BE FILLED WITH AN APPROVED FLEXIBLE PLASTIC SEALANT.
- JOINT RESTRAINTS AND TOE-WALLS, CONFORMING TO CDOT M&S STANDARD PLAN NO. M-601-11 SHALL BE USED ON ALL RCP FLARED END SECTION OUTFALLS.
- EPOXY COATED REBAR SHALL BE USED AS REINFORCING STEEL ON ALL STORM INLETS AND STRUCTURES. REFERENCE CDOT M&S STANDARD PLAN NO. M-604-10, 11, 12, AND 13.
- CDOT CLASS D CONCRETE SHALL BE USED FOR ALL CONCRETE DRAINAGE STRUCTURES.
- PRE-CAST INLETS AND MANHOLE BASES SHALL NOT BE USED WITHIN THE TOWN OF PARKER RIGHT-OF-WAY, WITH THE EXCEPTION OF CDOT TYPE C AND D INLETS.
- TWO- (2) MANHOLE ACCESS POINTS ARE REQUIRED ON ALL TYPE "R" CURB INLETS GREATER THAN OR EQUAL TO TEN (10) FEET IN LENGTH AS PRESENTED IN CDOT M&S STANDARD PLAN NO. M-604-12.
- ALL GROUTING (BOULDERS, RIPRAP) SHALL BE IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.
- ALL BOULDERS AND RIPRAP SHALL BE SELECTED AND PLACED IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.
- CONTRACTOR SHALL REFER TO THE TOWN OF PARKER'S CONSTRUCTION BEST MANAGEMENT PRACTICES DETAILS AND NOTES FOR ALL REQUIREMENTS RELATING TO RE-VEGETATION, SEDIMENT AND EROSION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES.
- PIPE BELLS SHALL NOT BE CAST INTO MANHOLE BASES OR INLETS.

TOWN OF PARKER DEPARTMENT OF ENGINEERING/ PUBLIC WORKS STANDARD CONSTRUCTION NOTES

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION OF THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE GRADING PERMIT AND ALL OTHER NECESSARY PERMITS HAVE BEEN OBTAINED.
- THE TOWN INSPECTOR SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION. IF A TOWN INSPECTOR IS NOT AVAILABLE AFTER PROPER NOTICE OF CONSTRUCTION ACTIVITY HAS BEEN PROVIDED, THE PERMITTEE MAY COMMENCE WORK IN THE TOWN INSPECTOR'S ABSENCE. HOWEVER, THE TOWN OF PARKER RESERVES THE RIGHT TO REJECT THE IMPROVEMENT IF SUBSEQUENT TESTING REVEALS AN IMPROPER INSTALLATION.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS. THE CONTRACTOR SHALL FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER DIRECTOR OF ENGINEERING/PUBLIC WORKS, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT-OF-WAY USE PERMIT APPLICATION. A PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR USE DURING CONSTRUCTION.
- ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION."
- COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE DEVELOPMENT REVIEW ENGINEER IN PRELIMINARY FORM PRIOR TO PAVING AND IN FINAL FORM PRIOR TO PROBATIONARY ACCEPTANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE PLAN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH APPROVAL FROM THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
- PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK. PLANS SHALL BE RESUBMITTED TO THE TOWN FOR APPROVAL AFTER 1 YEAR. THE COST OF THE PLAN RE-REVIEW AND RE-ACCEPTANCE WILL BE CHARGED BACK TO THE DEVELOPER INCLUDING ALL TIME AND EXPENSES OF THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
- REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR. SUCH RESTORATION MAY BE REQUIRED TO BE COMPLETED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
- ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
- ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION, WQCD-PE-B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO 80222-1530. ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692-3500.
- IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.
- ALL REFERENCES TO BOOKS, PAGES, MAPS, AND RECEPTION NUMBER ARE PUBLIC DOCUMENTS ON FILE WITH THE COUNTY CLERK AND RECORDER'S OFFICE.

GENERAL NOTES:

- THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE WORK SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIFICATIONS IN A SATISFACTORY MANNER. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND INCIDENTALS TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AT THEIR EXPENSE TO COMPLETE ALL GRADING, UTILITY WORK AND INSTALLATION OF EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL COORDINATE WORK WITH ALL ADJACENT PROJECTS.
- DURING CONSTRUCTION IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITY LINES SHOWN ON THESE PLANS AND THOSE UTILITY LINES WHICH MAY NOT BE SHOWN ON THESE PLANS.
- EXISTING SITE INFORMATION SHOWN ON THESE DRAWINGS IS BASED UPON AVAILABLE SURVEY BY AZTEC CONSULTANTS, INC DATED 08/11/2022. S.A. MIRO, INC. MAKES NO WARRANTIES OR CERTIFICATION OF THE COMPLETENESS OR ACCURACY OF THE EXISTING CONDITIONS PRESENTED. THE CONTRACTOR SHALL INSPECT THE SITE TO ASSESS EXISTING CONDITIONS, AND SATISFY THEMSELVES THAT THE DOCUMENTS ACCURATELY REPRESENT THE SITE CONDITIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES FOUND DURING INITIAL INSPECTIONS, OR SUBSEQUENTLY, SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY FOR RESOLUTION RELATIVE TO THE INTENDED CONSTRUCTION.
- THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED USING FIELD SURVEY DATA LOCATING MANHOLES, WATER VALVES, ELECTRICAL EQUIPMENT, AND OTHER FEATURES FOUND AT THE SURFACE. NO SUBSURFACE EXPLORATION HAS BEEN DONE TO VERIFY EXACT LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BEAR THE FULL COST OF REMOVAL, REPLACEMENT AND DELAY RELATED TO UNVERIFIED EXISTING CONDITIONS. WHERE THE CONTRACTOR FINDS CONFLICTS OR DISCREPANCIES, THEY SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY APPROPRIATE ENTITIES FOR UTILITY LOCATES AND START OF CONSTRUCTION PRIOR TO ANY WORK BEING STARTED.
- THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL AFFECTED PARTIES PRIOR TO ANY OUTAGES OR SHUTDOWN OF SERVICE.
- ALL QUANTITIES SHOWN ON THESE PLANS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL QUANTITIES PRIOR TO CONSTRUCTION AND ORDERING OF ANY MATERIALS.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL FOLLOW/VERIFY THE INTENT OF THE DESIGN AT ALL LOCATIONS OF TIE-IN TO EXISTING FEATURES.

DEMOLITION NOTES:

- UNLESS OTHERWISE NOTED, EXISTING UTILITIES AND STRUCTURES SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ALL ADJACENT IMPROVEMENTS (BUILDINGS, ROADWAYS, FENCES, PARKING LOTS, UTILITIES, ETC.) FROM DAMAGE AND EROSION. ALL DISTURBED AREAS OUTSIDE OF THE LIMITS OF WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.

HORIZONTAL CONTROL NOTES:

- THE BASIS OF BEARING IS BASED ON THE WEST LINE OF THE NW 1/4 OF SECTION 23 BEING N00°25'14"W.
- THE CONTRACTOR SHALL VERIFY THAT BUILDING GRID LOCATIONS ARE CONSISTENT WITH LATEST ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

PAVING NOTES:

- THE CONTRACTOR SHALL ADJUST EXISTING AND PROPOSED MANHOLES, WATER VALVES AND OTHER SURFACE APPURTENANCES WITHIN THE LIMITS OF WORK TO FINISHED GRADE.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL/LANDSCAPE PLANS FOR CONCRETE SCORING PATTERNS, COLOR AND FINISHING.
- PROPOSED PAVEMENT DESIGN IS BASED UPON THE GEOTECHNICAL REPORT BY KUMAR & ASSOCIATES DATED 01/17/2023. S.A. MIRO, INC. MAKES NO WARRANTIES OR CERTIFICATION OF PAVEMENT PERFORMANCE.

UTILITY NOTES:

- LOCATION OF ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) SHALL BE IDENTIFIED AND VERIFIED BY THE CONTRACTOR PRIOR TO MOBILIZATION, CONSTRUCTION AND ORDERING OF MATERIALS. IF ANY CONFLICTS OR DISCREPANCIES ARE FOUND THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL BEAR THE FULL COST OF REMOVAL, REPLACEMENT, REPAIR AND DELAYS RELATED TO ANY AND ALL UNVERIFIED EXISTING CONDITIONS.
- ALL UTILITY LENGTHS AND QUANTITIES SHOWN ON THESE PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND QUANTITIES PRIOR TO ORDERING OF ANY MATERIALS.
- PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- WHERE FLARED END SECTIONS ARE REQUIRED, THE LENGTH OF PIPE INCLUDES THE FLARED END SECTION.
- ALL UTILITY WORK SHALL BE COMPLETED PRIOR TO ANY PAVING.
- CONTRACTOR SHALL SURVEY THE LOCATION AND ELEVATION OF ALL INSTALLED UTILITIES PRIOR TO TRENCH BACKFILL, AND PROVIDE SURVEY INFORMATION TO THE ENGINEER UPON COMPLETION OF THE PROJECT FOR AS-BUILT DOCUMENTATION.

GRADING NOTES:

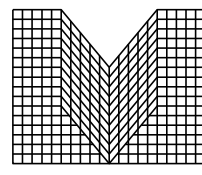
- SITE GRADING (EXCAVATION, EMBANKMENTS, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST GEOTECHNICAL REPORT FOR THIS PROPERTY.
- SPOT ELEVATIONS MAY BE ABBREVIATED FOR CLARITY. REFER TO THE ADJACENT CONTOUR LABELS FOR FULL ELEVATIONS.
- MAXIMUM PROPOSED SLOPES SHALL BE 4:1 UNLESS NOTED OTHERWISE.
- SPOT ELEVATIONS ARE TO FLOWLINE UNLESS NOTED OTHERWISE.
- PROPOSED GRADING SHALL MEET AND MATCH EXISTING GRADE AT LIMITS OF DISTURBANCE.
- PROPOSED GRADING AS SHOWN REFLECTS PLANNED FINISHED GRADE. THE CONTRACTOR SHALL ACCOUNT FOR PAVEMENT DEPTH, SUBGRADE REQUIREMENTS, OVEREXCAVATION, TOPSOIL, AND ANY PLANNED SURFACING CONSTRUCTION.
- MAXIMUM TEMPORARY SLOPES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND IN COMPLIANCE WITH OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL CONFORM TO OVEREXCAVATION REQUIREMENTS DETAILED WITHIN THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT. OVEREXCAVATION REQUIREMENTS ARE NOT DEPICTED ON THE CIVIL PLANS.

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Town of Parker, Director of Engineering/Public Works

Date



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CONSULTING ENGINEERS

4582 South Ulster Street
Suite 750, Denver, CO 80237
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DATE	11/03/2023						
DESCRIPTION	FIRST TOWN SUBMITTAL						
NO.	1						

PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138

CIVIL NOTES AND LEGEND

PROJECT:

DRAWING TITLE:

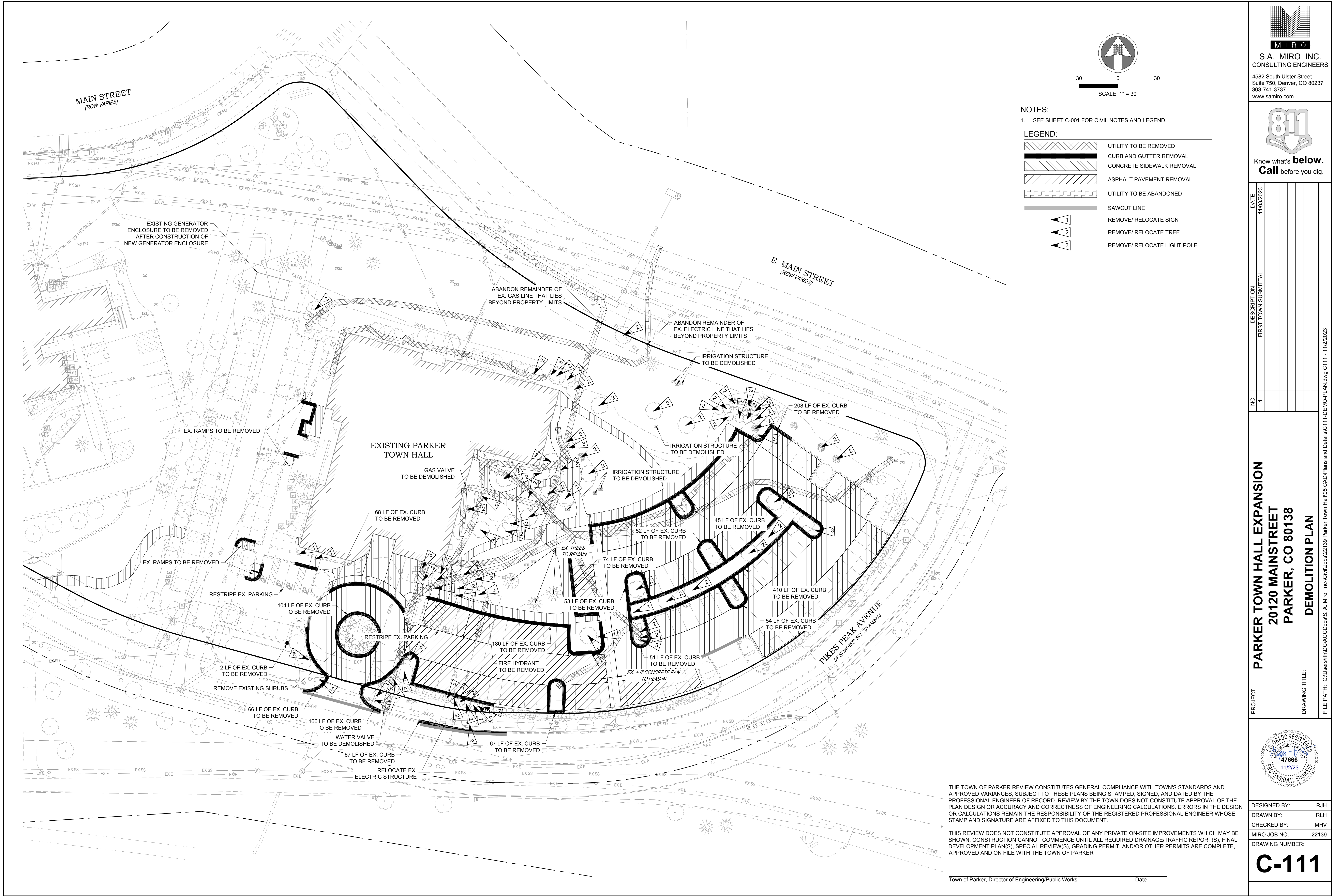


DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139

DRAWING NUMBER:

C-001

FILE PATH: C:\Users\rlh\OneDrive\Documents\S.A. Miro, Inc.\CivilJobs\22139 Parker Town Hall\05 CAD\Plans and Details\C000-COVR.dwg C001 - 11/2/2023



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CONSULTING ENGINEERS

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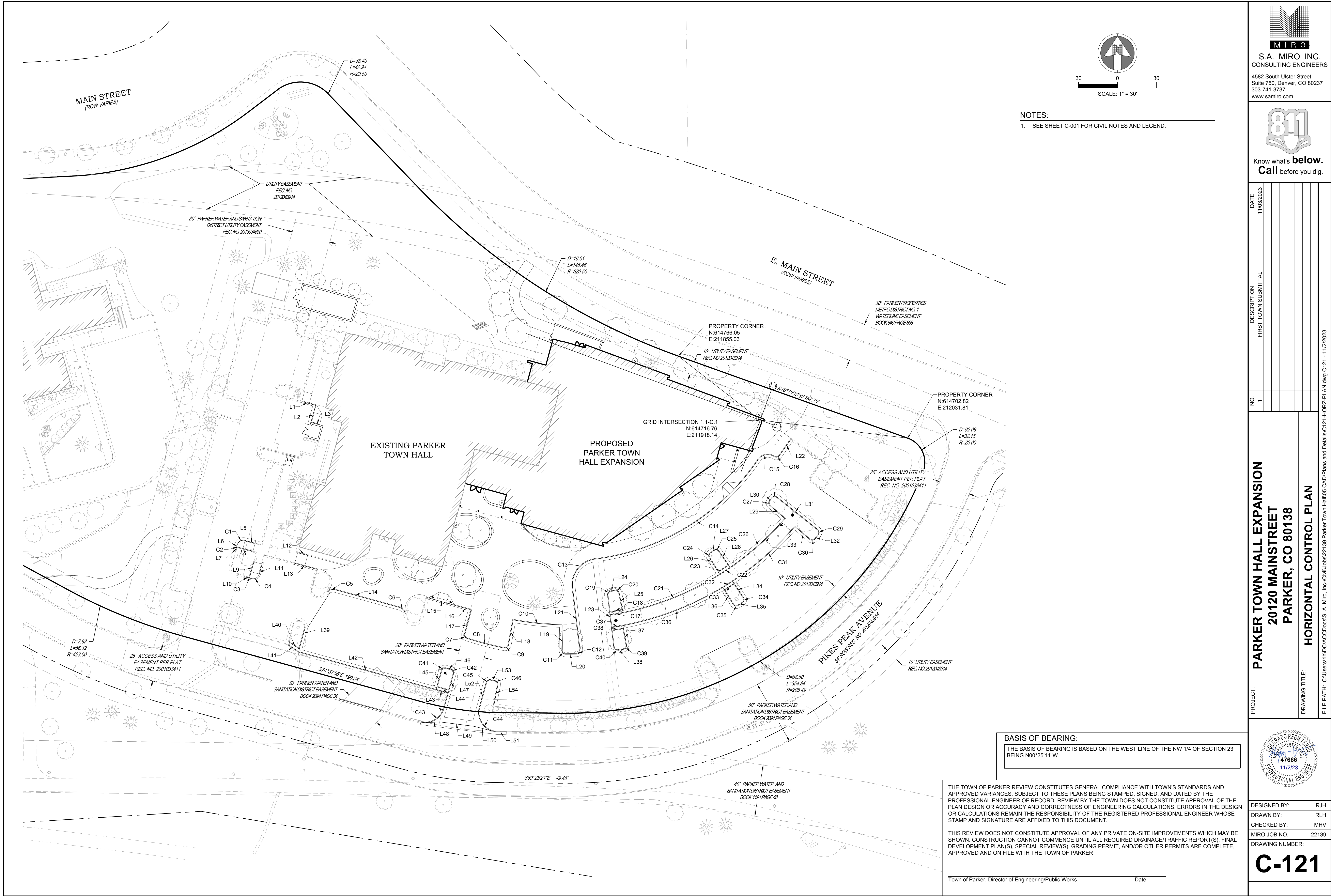
Know what's below.
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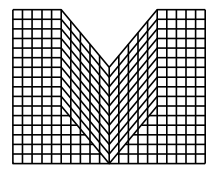
DATE	DESCRIPTION	NO.
11/03/2023 <td>FIRST TOWN SUBMITTAL</td> <td>1</td>	FIRST TOWN SUBMITTAL	1

PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138

DEMOLITION PLAN

DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: C-111





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DATE	DESCRIPTION	NO.
11/03/2023	FIRST TOWN SUBMITTAL	1

PROJECT: PARKER TOWN HALL EXPANSION
20120 MAIN STREET
PARKER, CO 80138

DRAWING TITLE: HORIZONTAL CONTROL PLAN

FILE PATH: C:\Users\sthd\OneDrive\Documents\S. A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C121-HORZ-PLAN.dwg C121 - 11/2/2023



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: **C-121**

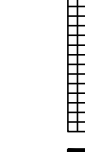
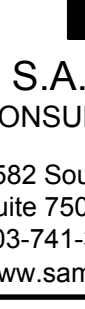
CURVE TABLE						
SEGMENT	LENGTH	RADIUS	CHORD DIRECTION	CHORD LENGTH	START N,E	END N,E
C1	7.82'	5.00'	S60°12'50"W	7.05'	614623.91, 211520.91	614620.41, 211514.79
C2	1.56'	1.00'	S60°12'50"W	1.41'	614618.76, 211515.36	614618.06, 211514.14
C3	1.60'	1.00'	N61°19'20"E	1.44'	614595.30, 211523.22	614595.99, 211524.48
C4	8.00'	5.00'	N61°19'20"E	7.18'	614594.59, 211525.54	614598.03, 211531.83
C5	5.87'	7.00'	S81°20'40"W	5.70'	614585.81, 211590.69	614584.95, 211585.06
C6	5.89'	7.00'	N50°31'50"W	5.72'	614568.72, 211644.06	614572.36, 211639.65
C7	4.57'	3.00'	S28°20'30"E	4.14'	614552.05, 211690.06	614548.40, 211692.03
C8	29.45'	250.00'	S75°23'10"E	29.43'	614548.40, 211692.03	614540.98, 211720.51
C9	4.75'	3.00'	N55°53'30"E	4.27'	614540.98, 211720.51	614543.37, 211724.04
C10	38.00'	227.36'	S84°14'40"E	37.96'	614562.66, 211727.63	614558.85, 211765.40
C11	4.75'	3.00'	S44°22'50"E	4.27'	614539.24, 211765.07	614536.19, 211768.05
C12	4.99'	3.00'	N40°45'40"E	4.43'	614536.28, 211776.30	614539.64, 211779.20
C13	31.37'	20.00'	S38°04'40"W	28.25'	614609.51, 211790.89	614587.27, 211773.47
C14	151.61'	178.00'	N58°36'40"E	147.07'	614609.51, 211790.89	614686.11, 211916.44
C15	13.70'	9.00'	S77°49'50"W	12.42'	614688.72, 211928.58	614686.11, 211916.44
C16	4.52'	3.00'	N78°18'30"E	4.10'	614688.52, 211928.91	614689.35, 211932.92
C17	10.36'	222.00'	N80°08'30"E	10.36'	614566.63, 211802.14	614568.41, 211812.34
C18	10.21'	220.00'	N80°08'00"E	10.21'	614568.62, 211801.90	614570.37, 211811.95
C19	4.61'	3.00'	S37°07'20"W	4.17'	614584.97, 211802.85	614581.65, 211800.33
C20	4.67'	3.00'	N55°46'50"W	4.21'	614583.14, 211809.42	614585.51, 211805.94
C21	80.53'	222.00'	N68°24'40"E	80.09'	614568.41, 211812.34	614597.88, 211886.81
C22	9.79'	222.00'	N56°45'20"E	9.79'	614597.88, 211886.81	614603.24, 211895.00
C23	9.71'	220.00'	N56°45'20"E	9.71'	614599.57, 211885.75	614604.89, 211893.87
C24	4.67'	3.00'	S12°36'20"W	4.21'	614614.73, 211879.78	614610.62, 211878.86
C25	4.67'	3.00'	N79°05'30"W	4.21'	614615.62, 211886.49	614616.42, 211882.36
C26	56.59'	222.00'	N48°11'20"E	56.44'	614603.24, 211895.00	614640.87, 211937.07
C27	4.67'	3.00'	S4°31'40"E	4.21'	614654.90, 211925.38	614650.70, 211925.71
C28	4.67'	3.00'	S83°55'40"W	4.21'	614657.30, 211931.19	614656.85, 211927.00
C29	4.75'	3.00'	N6°08'20"W	4.27'	614628.14, 211962.95	614632.39, 211962.49
C30	4.75'	3.00'	N85°26'50"E	4.27'	614624.81, 211956.21	614625.15, 211960.47
C31	64.00'	232.00'	N48°42'00"E	63.80'	614592.49, 211896.94	614634.60, 211944.87
C32	9.00'	232.00'	N57°42'50"E	9.00'	614587.69, 211889.33	614592.49, 211896.94
C33	9.08'	234.00'	N57°42'50"E	9.08'	614585.98, 211890.37	614590.83, 211898.04
C34	4.75'	3.00'	N11°57'00"E	4.27'	614575.81, 211904.31	614579.99, 211905.19
C35	4.75'	3.00'	S76°31'30"E	4.27'	614574.87, 211897.09	614573.87, 211901.24
C36	83.00'	232.00'	N69°04'20"E	82.56'	614558.20, 211812.22	614587.69, 211889.33
C37	9.01'	232.00'	N80°26'10"E	9.01'	614556.70, 211803.33	614558.20, 211812.22
C38	9.15'	234.00'	N80°26'30"E	9.15'	614554.72, 211803.57	614556.23, 211812.59
C39	4.75'	3.00'	N34°40'10"E	4.27'	614539.97, 211812.57	614543.48, 211815.00

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

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Town of Parker, Director of Engineering/Public Works	Date
--	------

Date _____

 S.A. MIRO INC. CONSULTING ENGINEERS 4582 South Ulster Street Suite 750, Denver, CO 80237 303-741-3737 www.samiro.com		 Know what's below . Call before you dig.	
PROJECT: PARKER TOWN HALL EXPANSION 20120 MAINSTREET PARKER, CO 80138		DRAWING TITLE: HORIZONTAL CONTROL DATA	
DESIGNED BY: RJH		DRAWN BY: RLH	
CHECKED BY: MHV		MIRO JOB NO. 22139	
DRAWING NUMBER: C-122			
FILE PATH: C:\Users\thd\CAAC\Docs\S.A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C121-HORZ-PLAN.dwg		11/2/2023	

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DESIGNED BY: RJH		DRAWN BY: RLH	
CHECKED BY: MHV		MIRO JOB NO. 22139	
DRAWING NUMBER: C-122		FILE PATH: C:\Users\thd\CAAC\Docs\S.A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C121-HORZ-PLAN.dwg ze - 11/2/2023	



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1	FIRST TOWN SUBMITTAL	11/03/2023
RAD-PLAN.dwg C211 - 11/2/2023		

**20120 MAINSTREET
PARKER, CO 80138
GRADING PLAN**

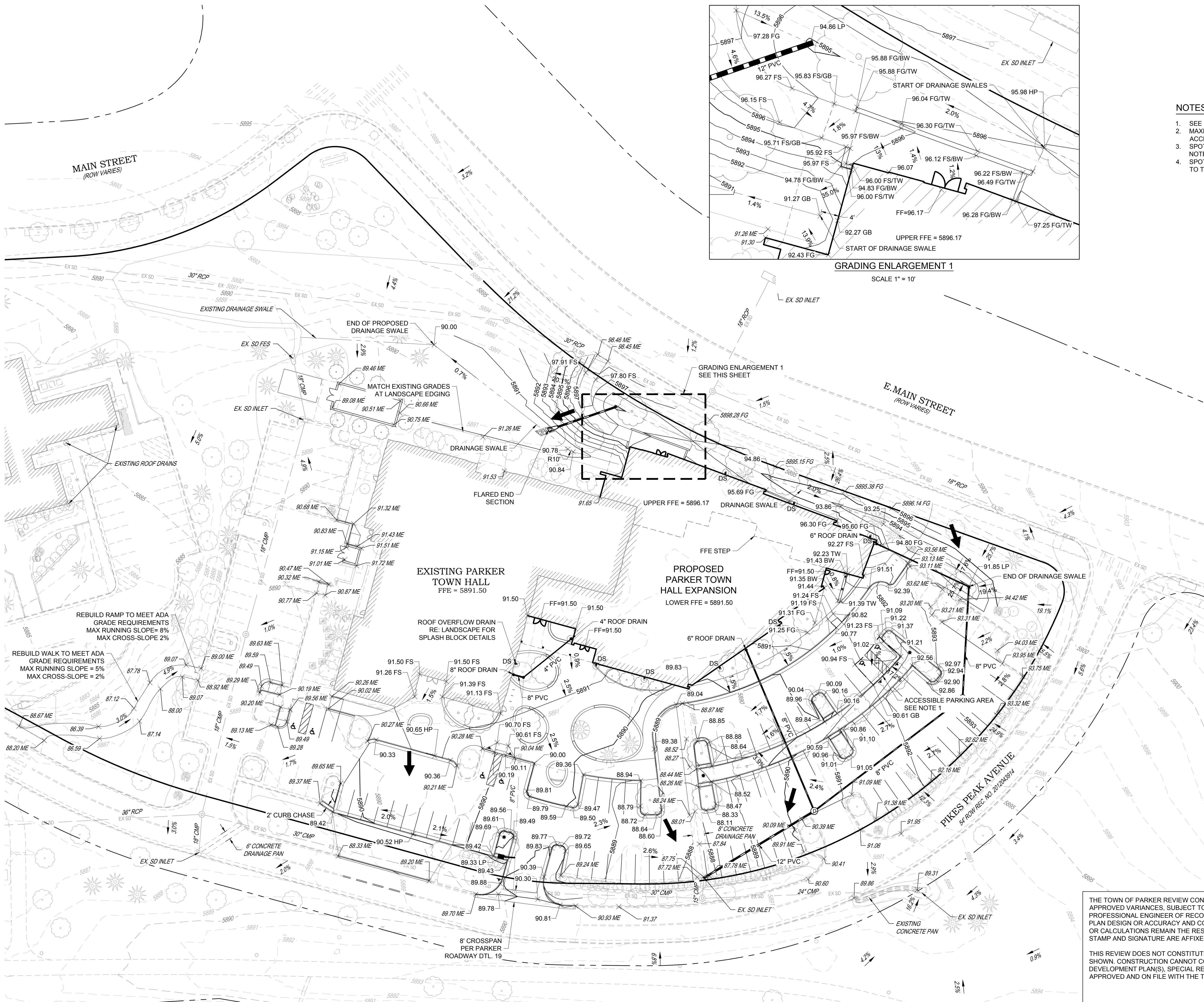
DRAWING T

FILE PATH:



DESIGNED BY:	RJH
DRAWN BY:	RLH
CHECKED BY:	MHV
PRO JOB NO.	22139
DRAWING NUMBER:	

C-211



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Town of Parker, Director of Engineering/Public Works

Date _____

FOR

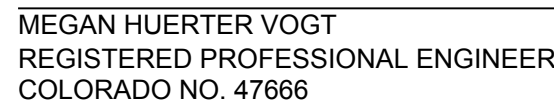
LOT 1, PARKER TOWN HALL, 3rd AMENDMENT, SUBDIVISION EXEMPTION PLAT
LOCATED IN THE NORTHWEST 1/4 OF SECTION 23, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.



NTS

Sheet List Table	
Sheet Number	Sheet Title
C-240	EROSION CONTROL COVER SHEET
C-241	INITIAL EROSION CONTROL PLAN
C-242	INTERIM EROSION CONTROL PLAN
C-243	FINAL EROSION CONTROL PLAN
C-251	EROSION CONTROL DETAILS
C-252	EROSION CONTROL DETAILS
C-253	EROSION CONTROL DETAILS
C-254	EROSION CONTROL DETAILS
C-255	EROSION CONTROL DETAILS
C-256	EROSION CONTROL DETAILS
C-257	EROSION CONTROL DETAILS
C-258	EROSION CONTROL DETAILS
C-259	EROSION CONTROL DETAILS

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO.



NO.	DESCRIPTION	DATE
1	FIRST TOWN SUBMITTAL	11/03/2023

PROJECT: **PARKER TOWN HALL EXPANSION**
20120 MAINSTREET
PARKER, CO 80138

DRAWING TITLE: **EROSION CONTROL COVER SHEET**



DESIGNED BY:	RJH
DRAWN BY:	RLH
CHECKED BY:	MHV
MIRO JOB NO.	22139

DRAWING NUMBER

C-240

OWNER'S REPRESENTATIVE
TOWN OF PARKER
20120 E. MAIN STREET
PARKER, CO 80138
P: (303) 840-9546

SOUTH METRO FIRE DISTRICT
9195 E. MINERAL AVENUE
CENTENNIAL, CO 80112
P: (720) 989-2244

S.A. MIRO INC.
MEGAN H. VOGT
4582 SOUTH ULSTER STREET
SUITE 750 DENVER, CO 80237
303-741-3737

18100 WOODMAN ROAD
PARKER, CO 80134
P: (303) 841-4627

AZTEC CONSULTANTS, INC.
DANIEL E. DAVIS
300 EAST MINERAL AVE, SUITE 1
LITTLETON, CO 80122
P: (303)-713-1898

20120 E. MAIN STREET
PARKER, CO 80138
P: (303) 840-9546

THE BASIS OF BEARING IS BASED ON THE WEST LINE OF THE NW 1/4 OF SECTION 23
BEING N00°25'14"W.

DOUGLAS COUNTY GIS #1.075024 BEING A 3 1/4 INCH ALUMINUM CAP LOCATED ON THE SOUTH SIDE OF TODO DRIVE WEST OF THE INTERSECTION MOTSENBOCKER ROAD, WEST OF THE NORTH-SOUTH WOOD FENCE, NORTH OF THE ELECTRICAL TRANSFORMER AND SOUTH OF THE TELEPHONE PEDSTALS.

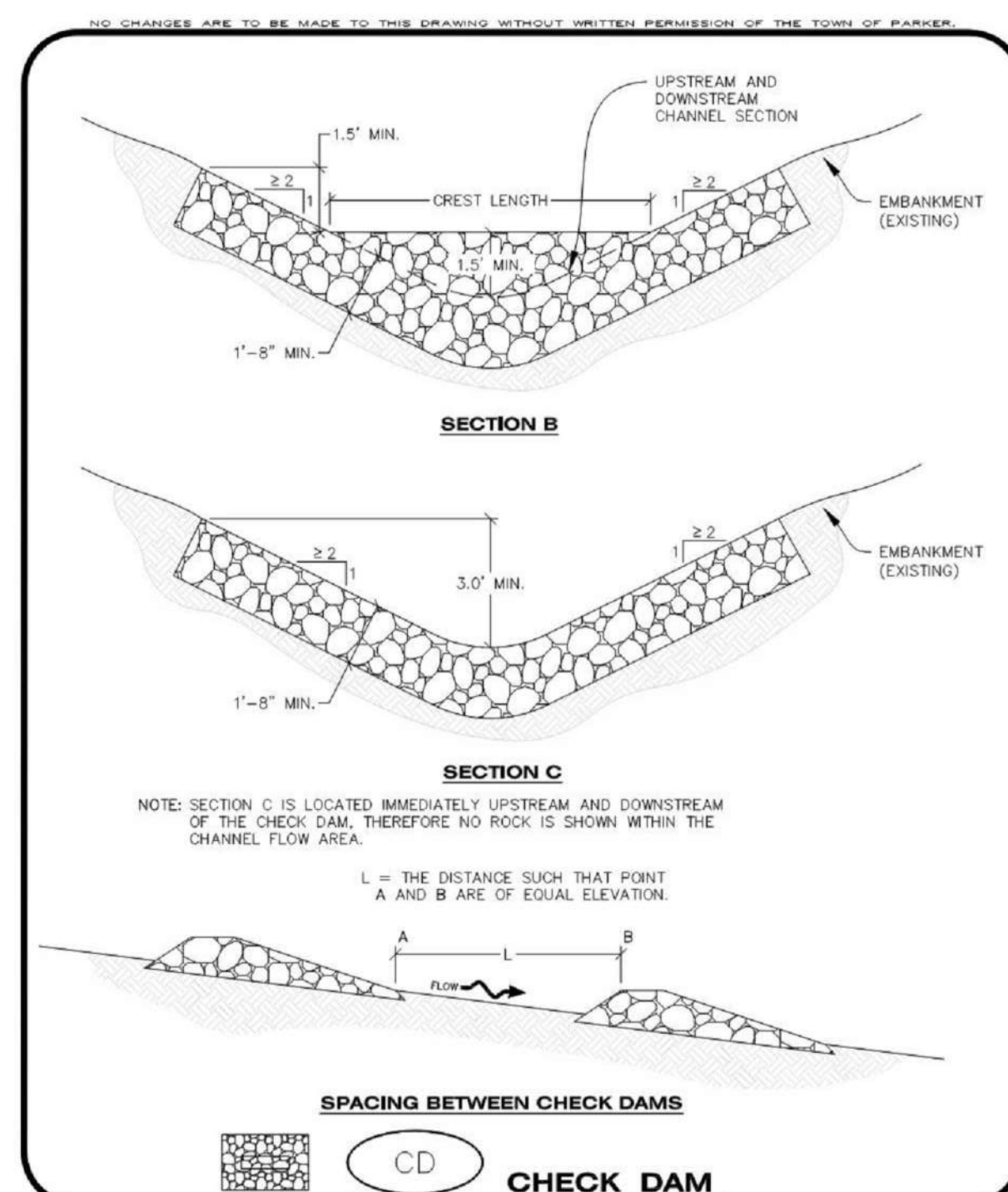
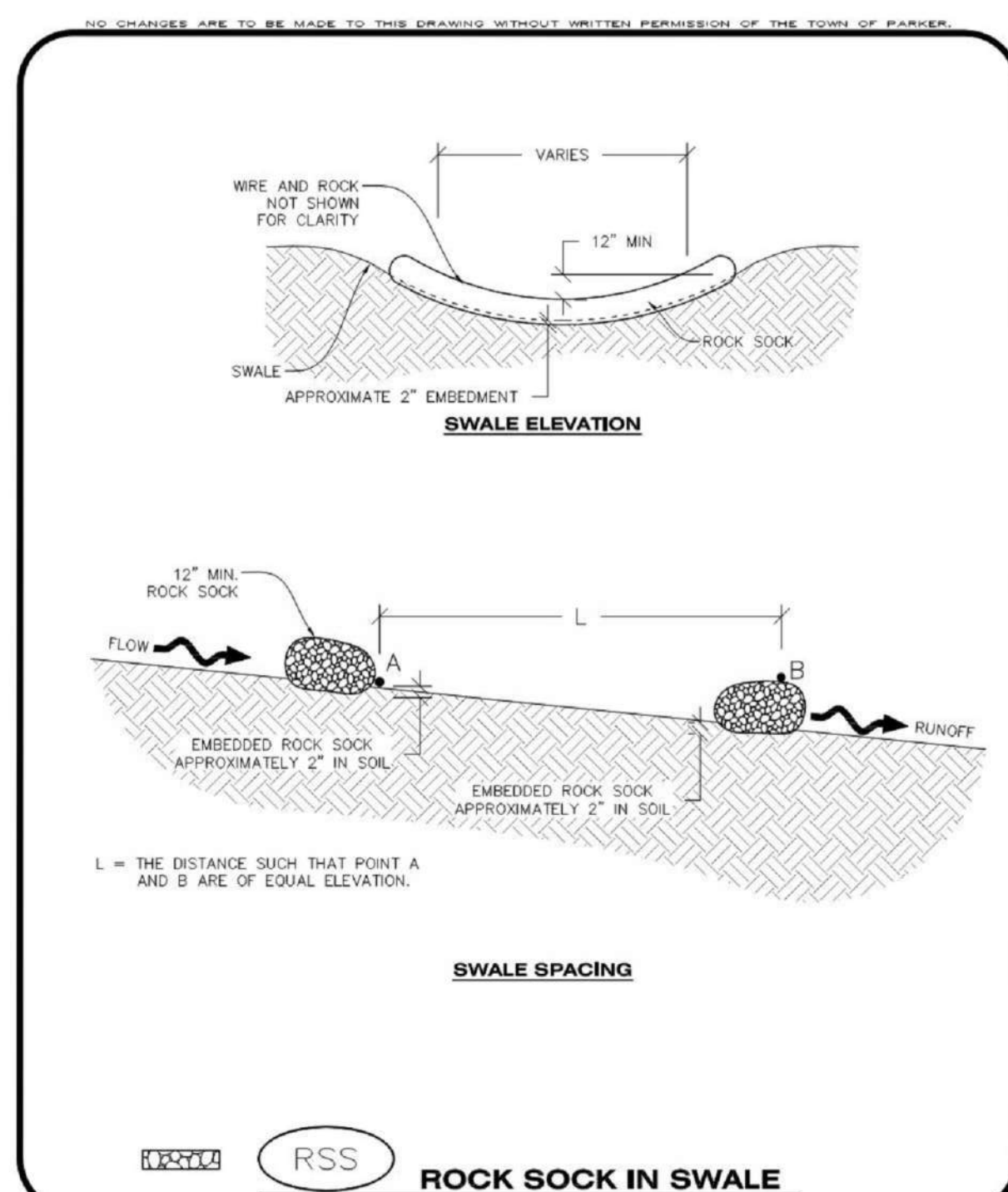
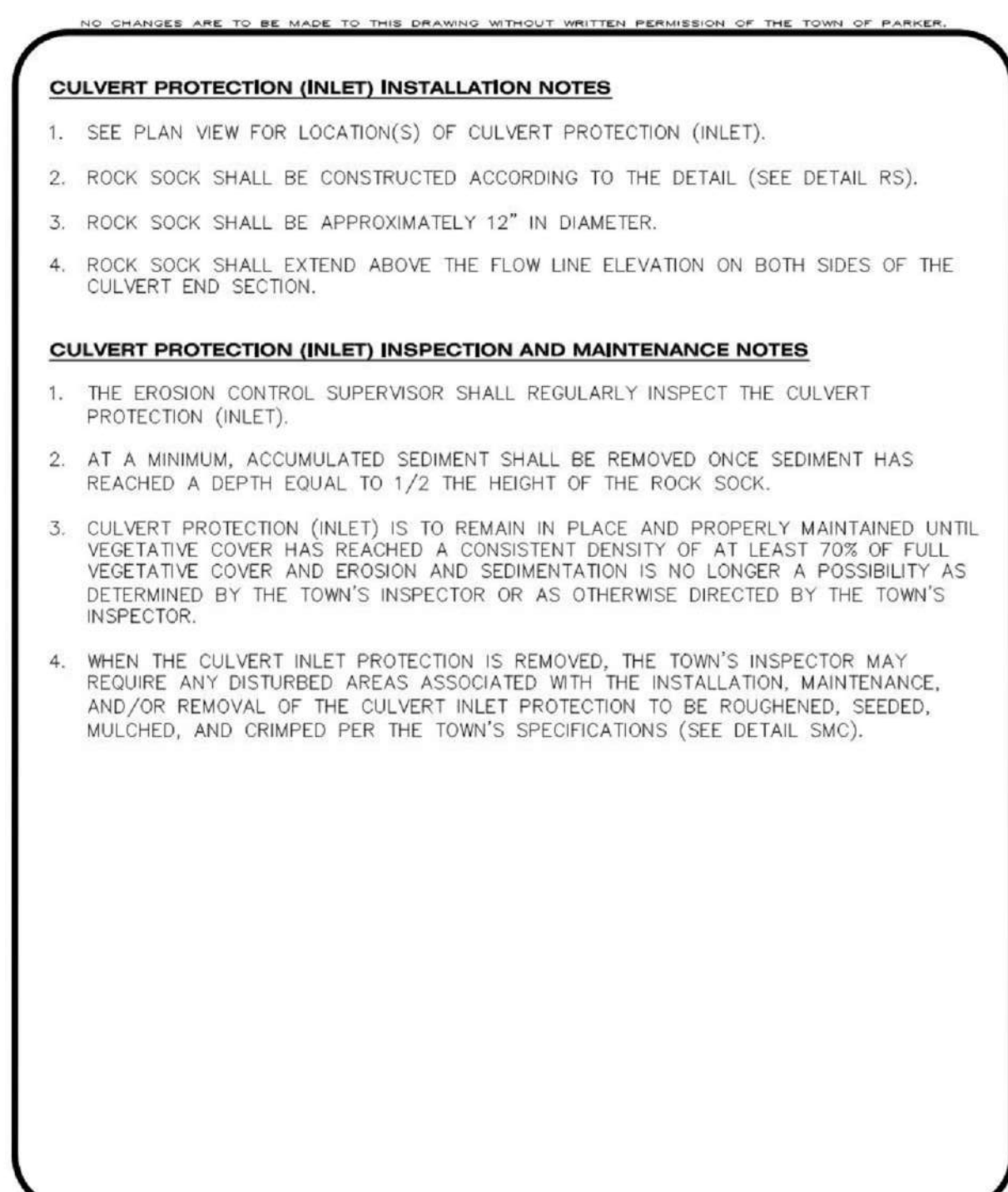
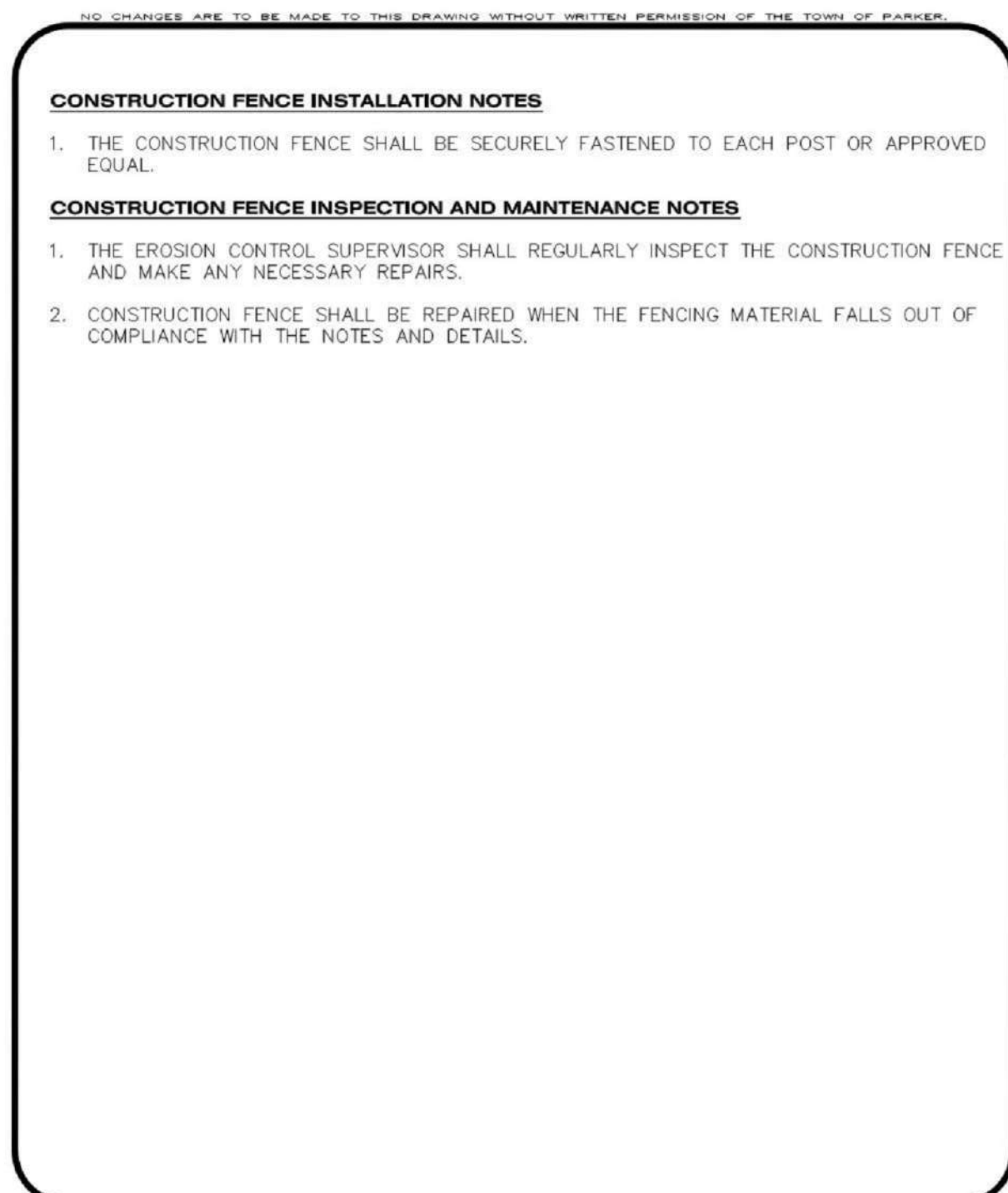
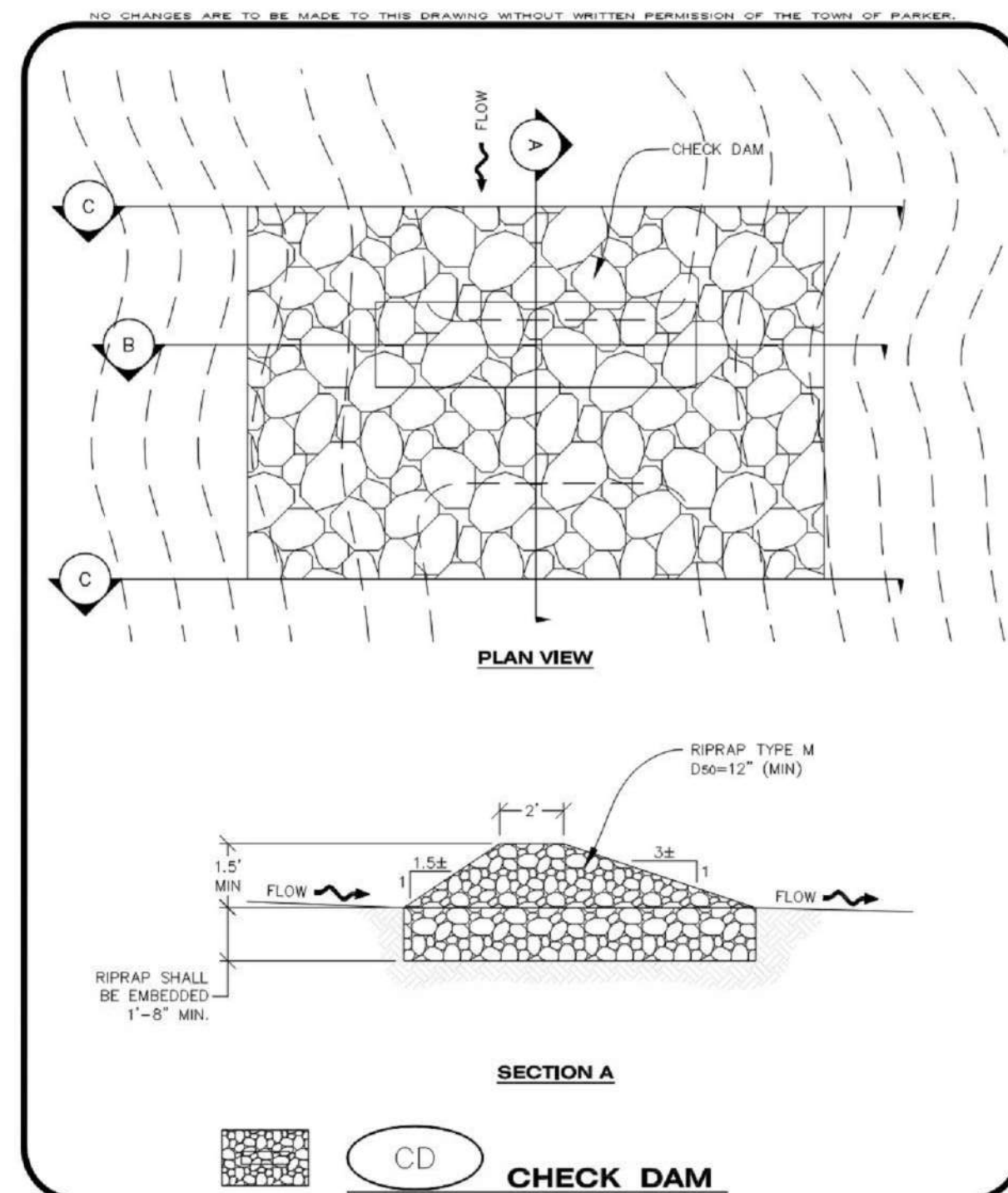
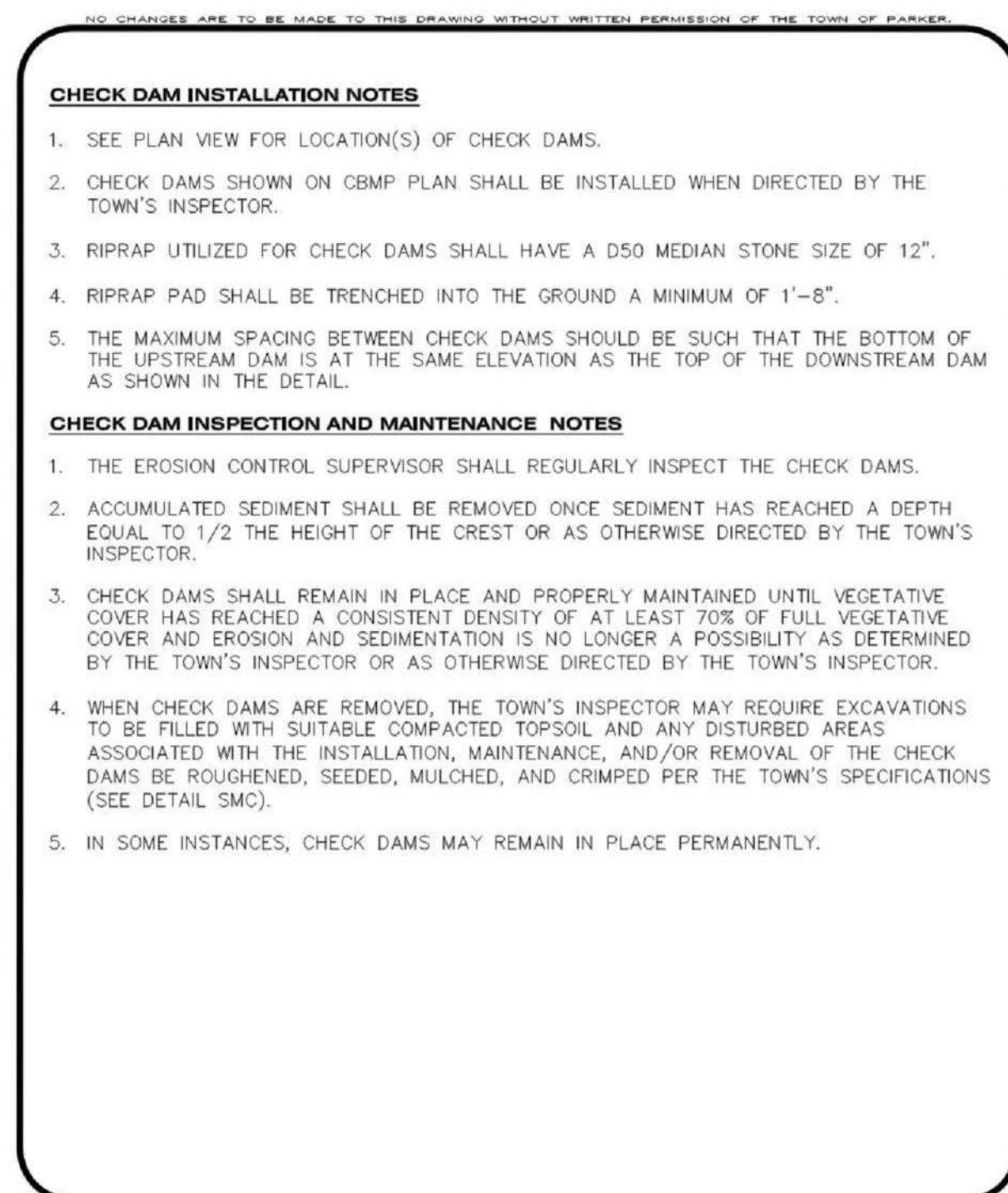
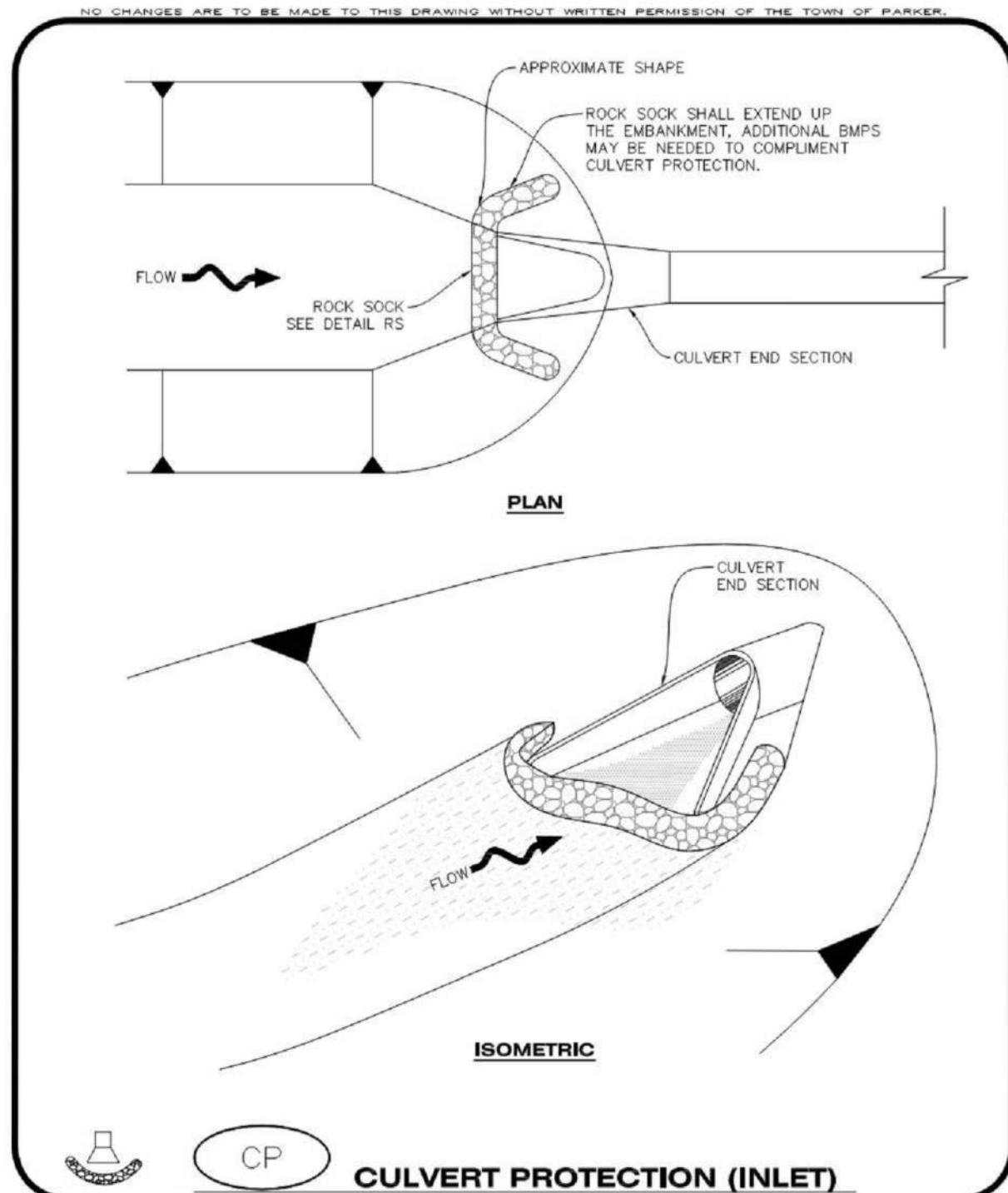
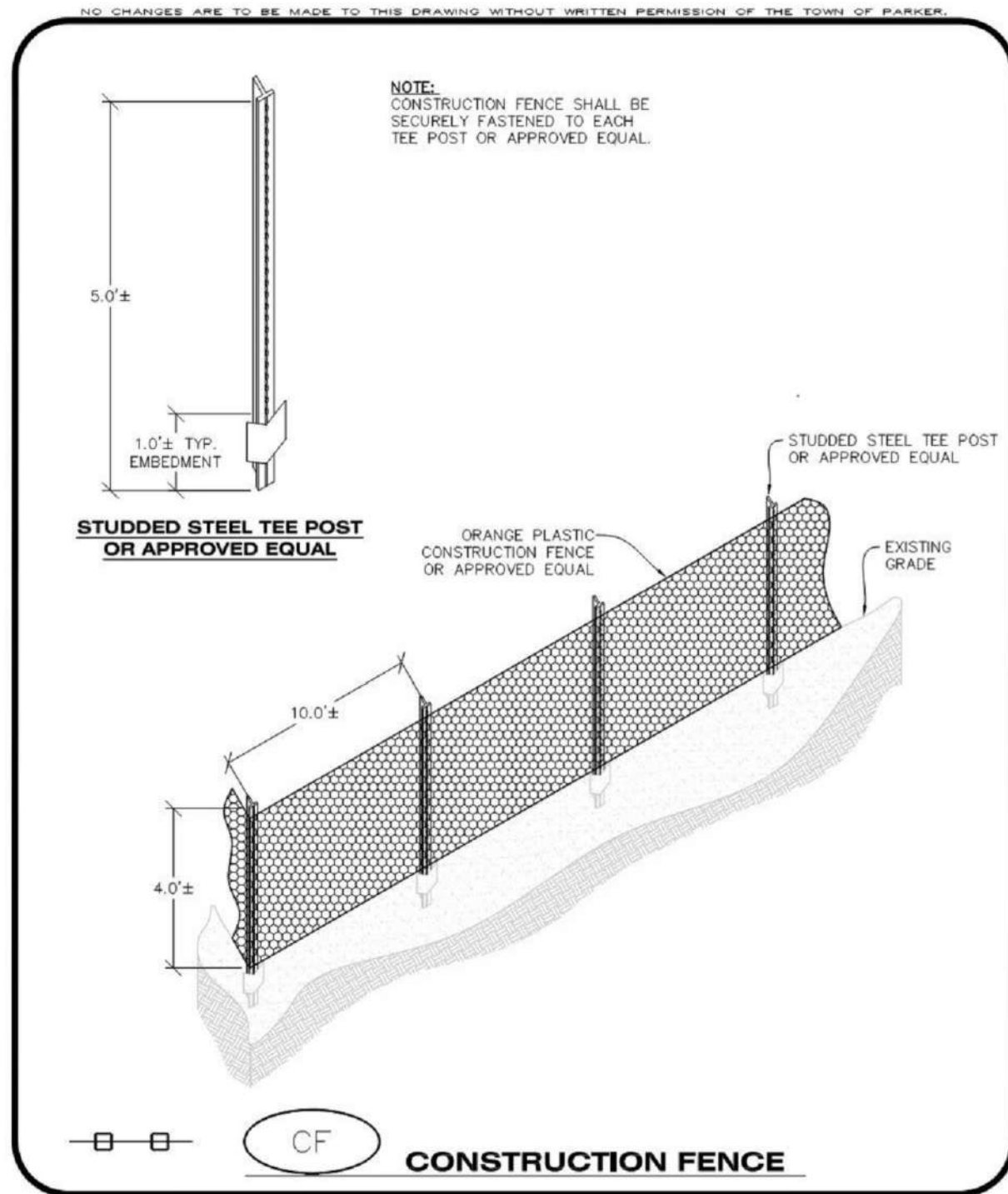
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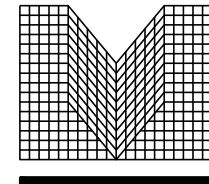
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Town of Parker, Director of Engineering/Public Works

Date _____




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DATE	DESCRIPTION	NO.
11/03/2023	FIRST TOWN SUBMITTAL	1

PROJECT: **PARKER TOWN HALL EXPANSION**
20120 MAINSTREET
PARKER, CO 80138

DRAWING TITLE: **EROSION CONTROL DETAILS**

FILE PATH:


DESIGNED BY: **RJH**
DRAWN BY: **RLH**
CHECKED BY: **MHV**
MIRO JOB NO. **22139**
DRAWING NUMBER: **C-252**



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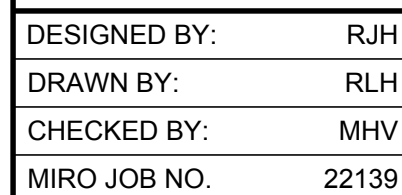


NO.	DESCRIPTION	DATE
1	FIRST TOWN SUBMITTAL	11/03/2023

PARKER TOWN HALL EXPANSION
20120 MAIN STREET
PARKER, CO 80138

PROJECT:

DRAWING TITLE:



DRAWING NUMBER:

C-253



- | | | |
|---|---|--|
|  | <h1>CBMP</h1> <p>CONSTRUCTION BEST MANAGEMENT PRACTICES</p> | <p>DP</p> <p>2 OF 2</p> <p>Oct. 2013</p> |
|---|---|--|



- | | | |
|---|---|---------------------------|
|  | CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES | DD
2 OF 2
Oct. 2013 |
|---|---|---------------------------|



- 

COLORADO

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

D

2 OF 2

Oct. 2013



- 



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AREA INLET PROTECTION INSTALLATION NOTES

- SEE PLAN VIEW FOR LOCATION(S) OF AREA INLET PROTECTION.
- THE AREA INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF NEW INLETS. AN INTERIM STYLE OF INLET PROTECTION MAY BE ALLOWED UNTIL THE INSTALLATION OF THE GUTTER AND/OR PAVEMENT.

AREA INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE AREA INLET PROTECTION.
- AREA INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- WHEN THE AREA INLET PROTECTION IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE AREA INLET PROTECTION MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
1 OF 1
Oct. 2013

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EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE THE PLAN VIEW FOR THE LOCATION(S) OF THE EROSION CONTROL BLANKETS.
- EROSION CONTROL BLANKETS USED FOR CHANNEL PROTECTION SHALL BE PROPERLY SELECTED BY THE DESIGN ENGINEER BASED ON CURRENT AND FUTURE FLOW RATES WITHIN THE CHANNEL. BASED ON THESE CALCULATIONS, TURF REINFORCEMENT MATTING OR RIPRAP MAY BE NECESSARY IN LIEU OF EROSION CONTROL BLANKETS.
- IMMEDIATELY PRIOR TO BLANKET INSTALLATION, SOIL SURFACE SHALL BE SMOOTH, AND FREE OF ANY GAPS, VOIDS, WEEDS, ROCKS, STICKS, OR OTHER MISCELLANEOUS DEBRIS.
- EROSION CONTROL BLANKET SHALL THEN BE INSTALLED ACCORDING TO THE DETAILED DRAWINGS.
- ANY DAMAGED OR REMAINING STAPLES OR STAKES SHALL BE REMOVED FROM THE SITE.
- ALL EROSION CONTROL BLANKETS FOR SLOPE PROTECTION INSTALLED IN THE TOWN SHALL BE DOUBLE NET, STRAW OR EXCELSIOR.

MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	ST150
APPROVED EQUAL	APPROVED EQUAL

- IN MOST CASES, EROSION CONTROL BLANKETS FOR SLOPE PROTECTION ARE TO REMAIN IN PLACE PERMANENTLY.

EROSION CONTROL BLANKET MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE EROSION CONTROL BLANKETS AND MAKE ANY NECESSARY REPAIRS.

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
3 OF 3
Oct. 2013

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EROSION CONTROL BLANKET (SLOPE)

START EROSION BLANKET AT THE TOP OF SLOPE AND EXTEND PAST THE TOE OF SLOPE. BLANKET SHALL BE PLACED PERPENDICULAR TO THE TOP AND BOTTOM OF THE SLOPE. COMPLETE SUBSEQUENT ROWS IN THE SAME MANNER, OVERLAPPING THE BLANKETS A MINIMUM OF 1.0'.

1. TOP SLOPE ANCHOR SLOT
2. BLANKET OVERLAPS
3. TOP SIDE SLOPE EDGE OF BLANKET
4. BLANKET TERMINAL ENDS

ROLL WIDTH "W"
1/2 "W"
1/4 "W"
1/2 "W"

STAPLE PATTERN
NOTE: STAPLES SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATION. IF MANUFACTURER INFO IS NOT AVAILABLE THEN ABOVE STAPLE PATTERN SHALL BE USED. WOODEN STAKES SHALL NOT BE USED FOR EROSION CONTROL BLANKET ON SLOPES.

NOTE: WHEN NECESSARY, ALL SEEDING SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF EROSION CONTROL BLANKETS. PLEASE SEE DETAIL SMC FOR SEEDING, MULCHING, AND CRIMPING REQUIREMENTS.

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
1 OF 3
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

DEBRIS AND TRASH CONTROL

THOROUGHLY REMOVE ALL DIRT & DEBRIS FROM CURB & GUTTER, STREET(S), AND SIDEWALK(S), ETC. ALSO REMOVE ALL LOOSE TRASH AND LITTER FROM THE CONSTRUCTION SITE, AS DESCRIBED BELOW.

BEFORE AFTER

NOTE:

- THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR ENSURING THAT ALL STREETS, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, PARKING LOTS, ALLEYS, TRICKLE CHANNELS, AND/OR OTHER IMPERVIOUS SURFACES IMPACTED BY CONSTRUCTION ACTIVITIES ARE THOROUGHLY CLEANED THROUGHOUT THE DAY IF THEY BECOME SOILED. THESE AREAS MUST ALSO BE THOROUGHLY CLEAN BEFORE THE END OF THE WORK DAY. FURTHERMORE, ALL LOOSE TRASH AND LITTER ASSOCIATED WITH THE PROJECT MUST BE REMOVED AND PROPERLY DISCARDED ON A DAILY BASIS.

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
1 OF 2
Oct. 2013

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INLET PROTECTION FOR AREA INLETS IN PAVEMENT

AREA INLET WITH CONCRETE APRON
PLAN VIEW
SECTION A
SECTION B
ISOMETRIC

ROCK SOCK SEE DETAIL RS
CONCRETE APRON
PAVEMENT
AREA INLET
TYPICAL STRAW BALES SEE DETAIL SB
SILT FENCE SEE DETAIL SF
TUBULAR MARKER SEE IPCOG DETAIL

IPAP
INLET PROTECTION FOR AREA INLETS IN PAVEMENT

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
1 OF 1
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT

AREA INLET WITH CONCRETE APRON
PLAN VIEW
SECTION A
SECTION B
ISOMETRIC

AREA INLET
TYPICAL STRAW BALES SEE DETAIL SB
SILT FENCE SEE DETAIL SF
CONCRETE APRON
PAVEMENT
TYPICAL STRAW BALES SEE DETAIL SB
SILT FENCE SEE DETAIL SF
AREA INLET (TYPE C SHOWN)
TYPICAL STRAW BALES SEE DETAIL SB
STRAW BALE AND SILT FENCE NOT SHOWN TO REVEAL INLET
ISOMETRIC

IPAN
INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
1 OF 1
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

EROSION CONTROL BLANKET (CHANNEL)

TOE OF SLOPE ANCHOR TRENCH
TOP OF SLOPE ANCHOR TRENCH
JOINT ANCHOR TRENCH USED TO JOIN BLANKETS TOGETHER (LONGITUDINAL)

6" MIN.
COMPACTED BACKFILL (TYP.)
6" MIN.

SAW 2" x 4" LUMBER ON DIAGONAL

WOOD STAKE DETAIL
ALTERNATIVE WOOD STAKE PRODUCTS MAY BE USED WITH APPROVAL FROM THE TOWN.

ROLL WIDTH "W"
1/2 "W"
1/4 "W"
1/2 "W"

STAKING PATTERN
NOTE: STAKES SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATION. IF MANUFACTURER INFO IS NOT AVAILABLE THEN ABOVE STAKING PATTERN SHALL BE USED. STAPLES SHALL NOT BE USED FOR EROSION CONTROL BLANKET IN CHANNELS.

CBMP
CONSTRUCTION BEST MANAGEMENT PRACTICES
2 OF 3
Oct. 2013

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DEBRIS CONTROL NOTES:

- A COMBINATION OF SURFACE SCRAPING AND SWEEPING MAY BE NECESSARY TO PROPERLY CLEAN THESE AREAS.
- ALL CHEMICAL SPILLS AND/OR STAINS ON THE SITE SHALL BE CLEANED TO THE MAXIMUM EXTENT PRACTICABLE. IN SOME CASES IT MAY BE NECESSARY TO USE PRESSURIZED WATER AND A VAC-TRUCK.
- ON-SITE PERSONNEL, DELIVERY DRIVERS, ETC., SHOULD BE EDUCATED ON THE NEED FOR CONTINUAL DEBRIS AND TRASH CONTROL.

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CONSTRUCTION BEST MANAGEMENT PRACTICES
2 OF 2
Oct. 2013

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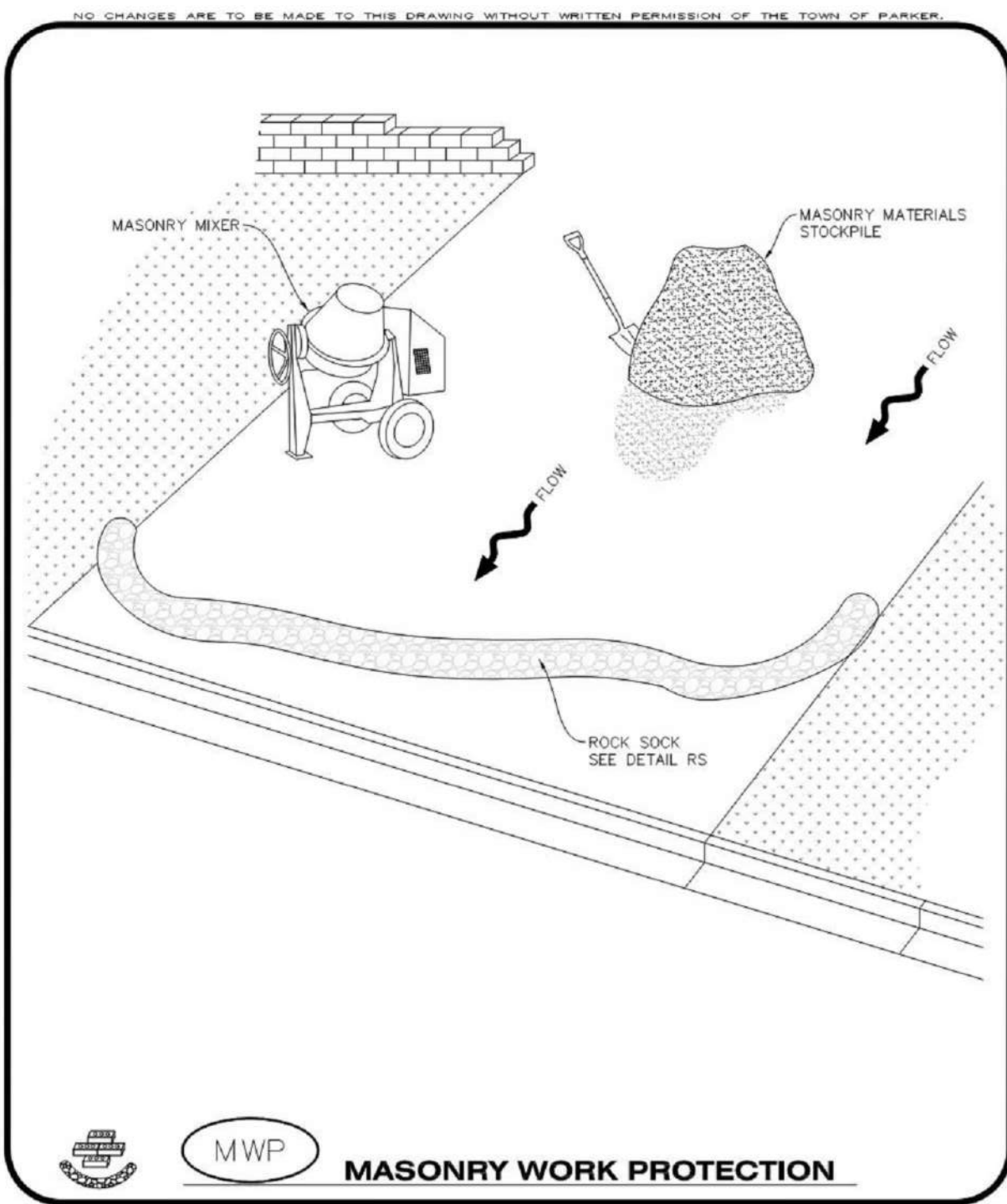
**PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138**

EROSION CONTROL DETAILS

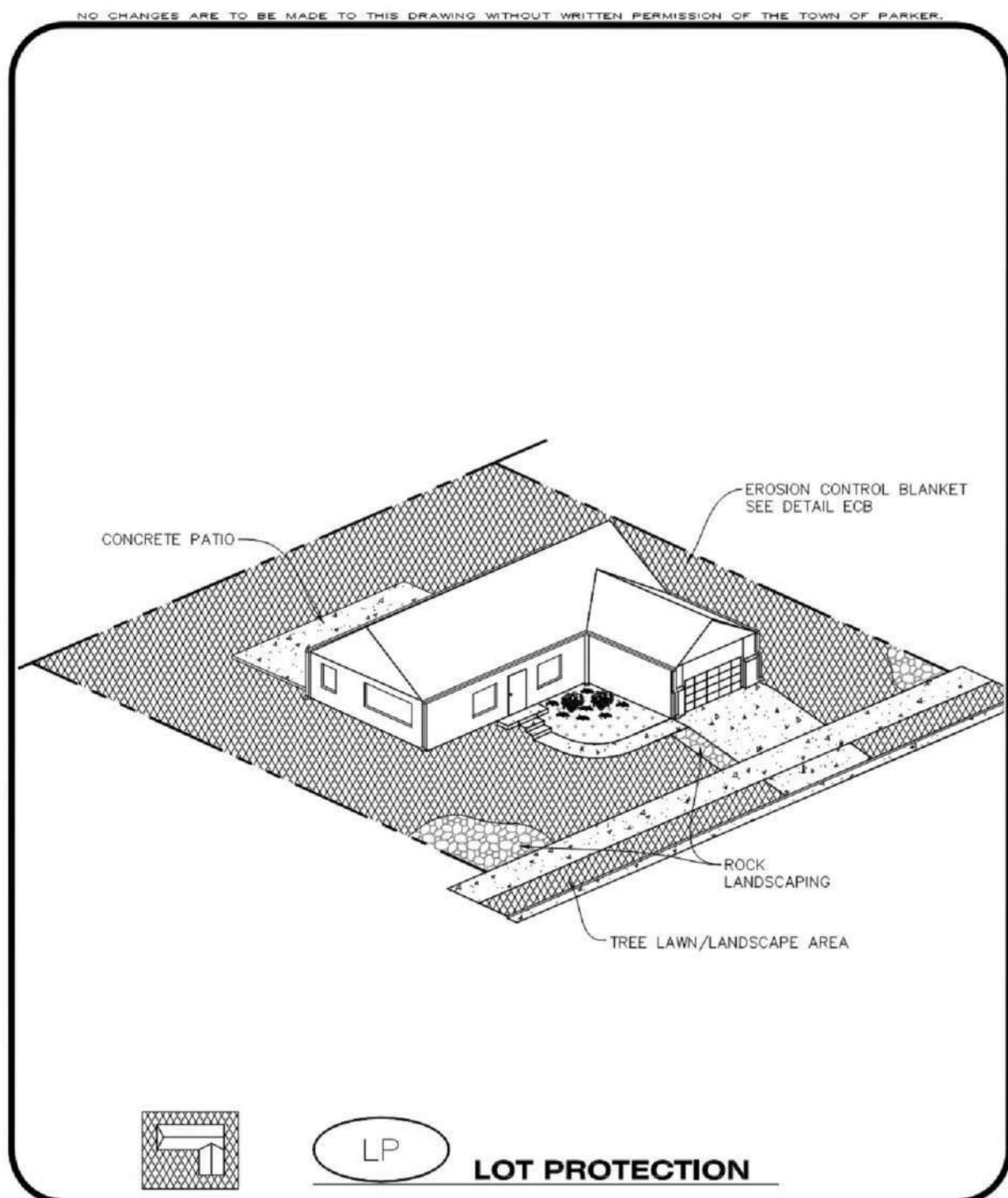
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DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: C-254

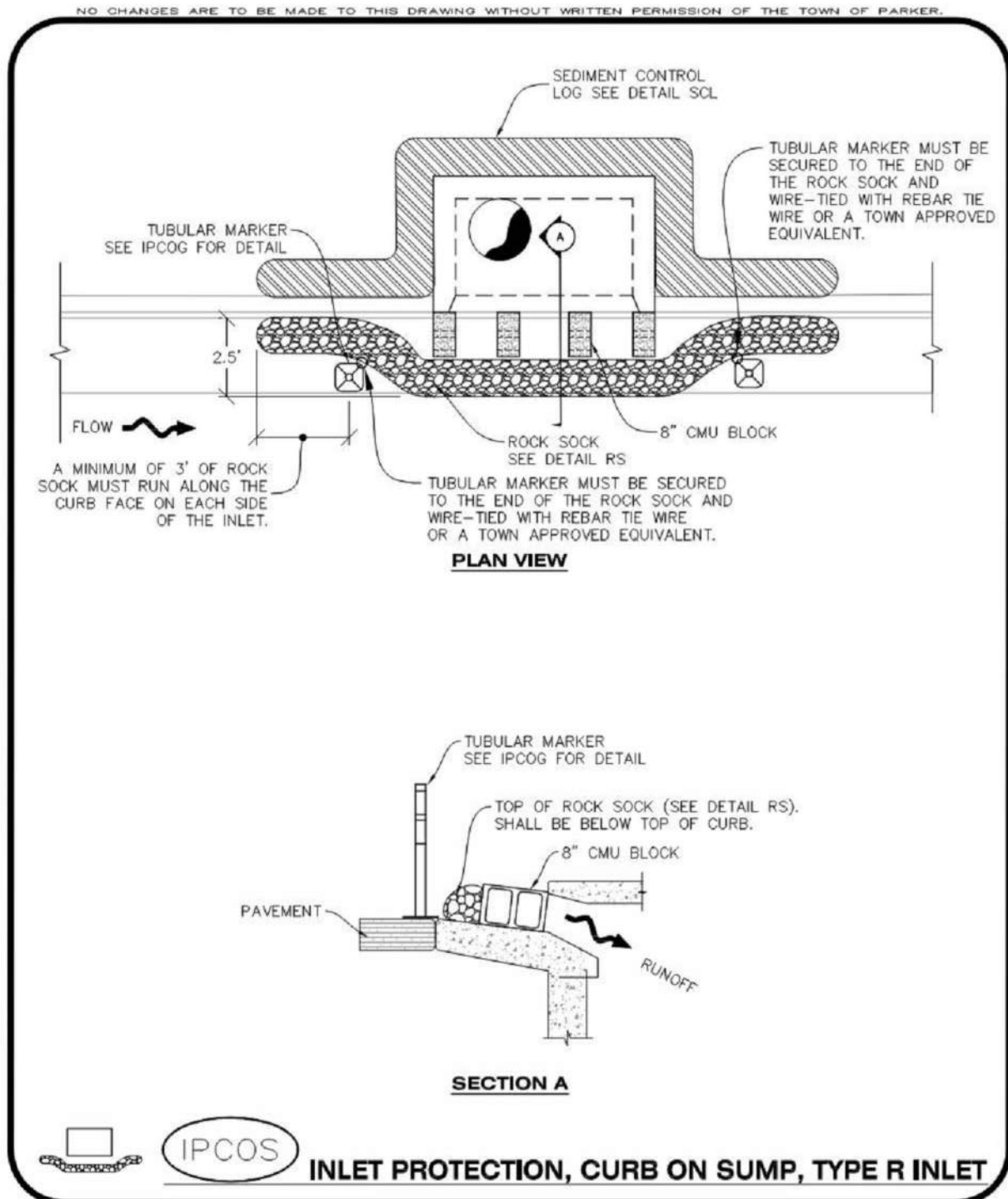
COLORADO REGISTERED PROFESSIONAL ENGINEER
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11/2/23

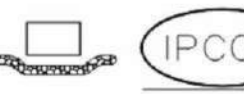


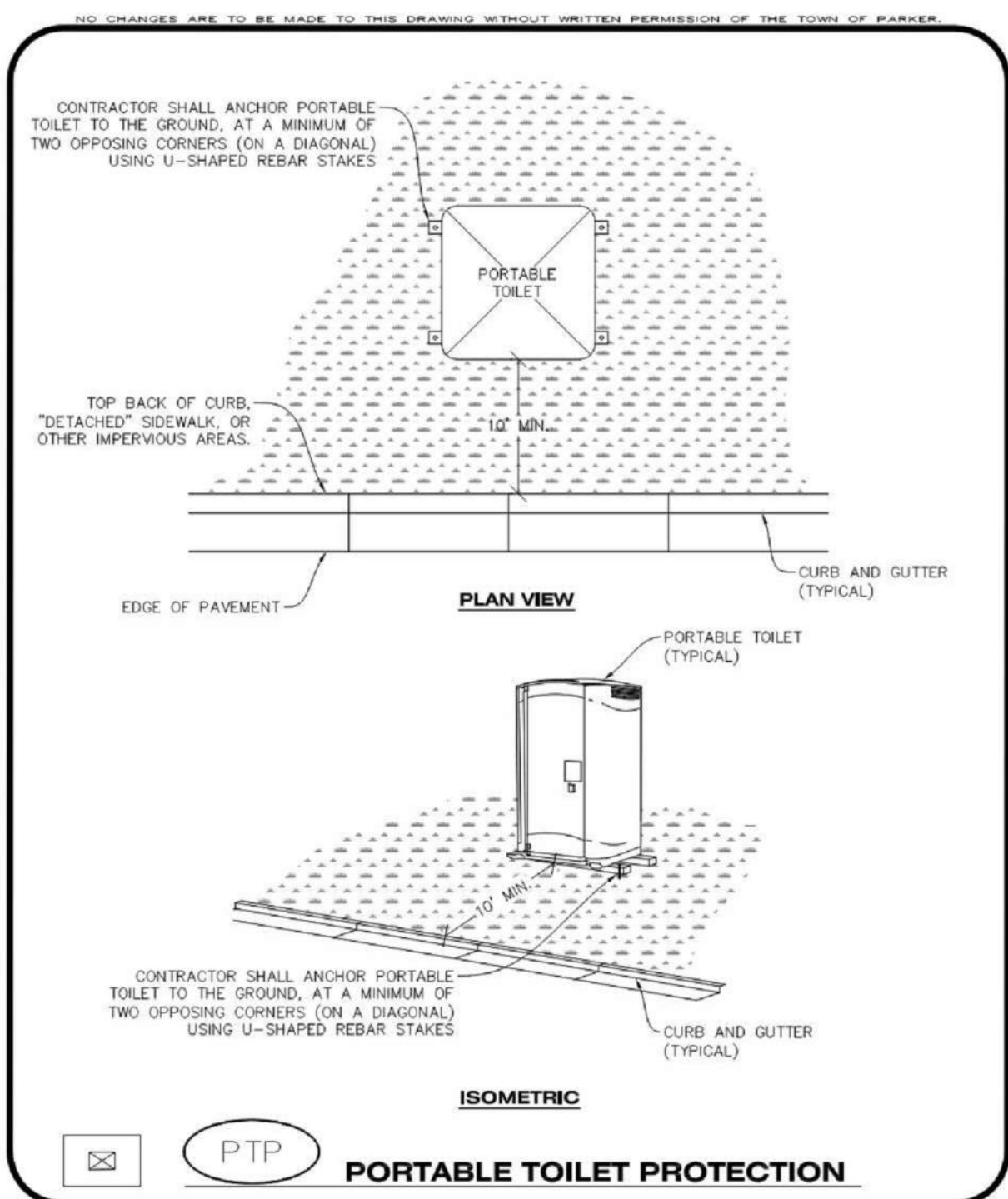
 **CBMP**  **MWP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2
Oct. 2013



 **CBMP**  **LP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2
Oct. 2013



 **CBMP**  **IPCOS**
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2
Oct. 2013



 **CBMP**  **PTP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

MASONRY WORK PROTECTION INSTALLATION NOTES

1. MASONRY WORK PROTECTION MAY NEED TO BE INSTALLED WHEN MASONRY WORK AND MIXING IS OCCURRING.
2. A ROCK SOCK SHALL BE INSTALLED IN A CRESCENT SHAPE ON THE DOWNHILL SIDE OF THE MASONRY WORK AND MIXER.
3. CRUSHED ROCK SHALL BE 2.0\"-3.0\" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
4. ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
5. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.

MASONRY WORK PROTECTION INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE MASONRY WORK PROTECTION.
2. ALL CONCRETE WASTE SHALL BE REGULARLY CLEANED AND PLACED IN THE CONCRETE WASH OUT AREA.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.

 **CBMP**  **MWP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2
Oct. 2013

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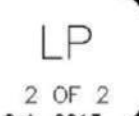
EROSION CONTROL BLANKET FOR LOT PROTECTION INSTALLATION NOTES

1. ALL EROSION CONTROL BLANKETS FOR LOT PROTECTION INSTALLED IN THE TOWN SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:

MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	S150 BN
APPROVED EQUAL	APPROVED EQUAL
2. ALL EROSION CONTROL BLANKETS FOR LOT PROTECTION SHALL BE INSTALLED ACCORDING TO THE DETAIL DRAWINGS, WITH THE FOLLOWING ALLOWANCES AND ADDITIONS:
 - THE TOWN WILL ALLOW THE USE OF BIODEGRADABLE, EROSION CONTROL BLANKET-SPECIFIC STAPLES, IN LIEU OF TRADITIONAL METAL STAPLES.
 - ALL EROSION CONTROL BLANKET EDGES (SIDES AND ENDS) MUST OVERLAP THE ADJACENT BLANKET BY A MINIMUM OF 6-INCHES WITH THE UP-GRADIENT EDGES BEING PLACED ON TOP OF THE DOWN-GRADIENT EDGE OF THE ADJACENT BLANKET.
 - THE EDGES (SIDES AND ENDS) OF THE EROSION CONTROL BLANKETS DO NOT NEED TO BE TRENCHED INTO THE GROUND ASSUMING THE SITE CONDITIONS WILL NOT CAUSE EROSION BENEATH THE BLANKETS. THESE ASSUMPTIONS WILL BE THE RESPONSIBILITY OF THE EROSION CONTROL SUPERVISOR. ON OCCASION, THE TOWN'S INSPECTOR MAY REQUEST TRENCHING BASED UPON SITE CONDITIONS.
 - TOPSOIL PLACEMENT, SEEDING, AND MULCHING WILL NOT BE REQUIRED ON THE LOTS PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET.
3. ANY DAMAGED OR EXCESS STAPLES SHALL BE REMOVED FROM THE SITE FOLLOWING INSTALLATION.
4. THE EROSION CONTROL BLANKETING REQUIRED AS PART OF THE LOT PROTECTION (LP) REQUIREMENT MUST BE INSTALLED OVER ALL UN-LANDSCAPED AREAS WITHIN EACH RESIDENTIAL, MULTI-FAMILY, AND COMMERCIAL LOT PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY / TEMPORARY CERTIFICATE OF OCCUPANCY.

EROSION CONTROL BLANKET FOR LOT PROTECTION MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE EROSION CONTROL BLANKET FOR LOT PROTECTION.
2. EROSION CONTROL BLANKETS FOR LOT PROTECTION ARE INTENDED TO REMAIN IN PLACE AND MAINTAINED UNTIL LANDSCAPING IS INSTALLED.

 **CBMP**  **LP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

CURB INLET PROTECTION INSTALLATION NOTES

1. SEE CBMP PLAN FOR LOCATION(S) OF CURB INLET PROTECTION.
2. CRUSHED ROCK SHALL BE 2.0\"-3.0\" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
3. ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
4. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL SIZED TO KEEP ROCK FROM SPILLING OUT.
5. ROCK SOCK SHALL EXTEND 3.0' ALONG THE CURB BEYOND LOCATIONS WHERE IT RETURNS TO CONTACT CURB FACE.
6. TUBULAR TRAFFIC MARKERS SHALL BE A MINIMUM OF 36\" IN HEIGHT WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
7. THE CURB INLET PROTECTION SHOWN ON CBMP PLAN SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF THE FIRST LIFT OF ASPHALT ON ROADWAYS DRAINING TO THE CURB INLET. CMU BLOCKS OR THE ROCK SOCK SHALL BE USED AS INTERIM PROTECTION UNTIL THE FIRST LIFT OF ASPHALT IS INSTALLED.

CURB INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CURB INLET PROTECTION.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
4. CURB INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

 **CBMP**  **IPCOS**
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2
Oct. 2013

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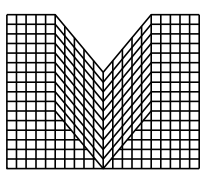
PORTABLE TOILET PROTECTION INSTALLATION NOTES

1. PORTABLE TOILETS SHALL BE PLACED A MINIMUM OF 10.0' BEHIND ALL CURBS, SIDEWALKS, AND OTHER IMPERVIOUS AREAS.
2. ALL PORTABLE TOILETS MUST BE GROUPED TOGETHER.
3. PORTABLE TOILETS SHALL BE SECURELY ANCHORED TO THE GROUND USING U-SHAPED REBAR STAKES.
4. U-SHAPED REBAR STAKES SHALL BE POSITIONED ON AT LEAST 2 OPPOSING (DIGITAL) CORNERS.

PORTABLE TOILET PROTECTION INSPECTION AND MAINTENANCE NOTES

2. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE PORTABLE TOILET PROTECTION.
3. PORTABLE TOILETS SHALL BE SERVICED AT THE NECESSARY INTERVALS TO ELIMINATE THE POSSIBILITY OF OVERFLOW.
4. WHEN THE PORTABLE TOILETS ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE TOILETS MAY NEED TO BE LANDSCAPED OR ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
5. PORTABLE TOILETS THAT ARE NOT CONSISTENTLY MAINTAINED IN ACCORDANCE WITH THESE REQUIREMENTS MAY NEED TO BE CLUSTERED TOGETHER, IN ONE CENTRALIZED LOCATION IN ORDER TO INCREASE COMPLIANCE AND REDUCE THE CHANCE OF A SPILL.

 **CBMP**  **PTP**
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2
Oct. 2013



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11/03/2023 <td>FIRST TOWN SUBMITTAL</td> <td>1</td>	FIRST TOWN SUBMITTAL	1

PROJECT: **PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138**

DRAWING TITLE: **EROSION CONTROL DETAILS**

FILE PATH:



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: **C-256**



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1	FIRST TOWN SUBMITTAL	11/03/2023

PROJECT:	PARKER TOWN HALL EXPANSION 20120 MAINSTREET PARKER, CO 80138
DRAWING TITLE:	EROSION CONTROL DETAILS



DRAWING NUMBER:

C-258



SF
1 OF 4
Oct. 2013



SCL
2 OF
Oct. 2013

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

STP
3 OF
Oct. 201STP
1 OF
Oct. 2013

SF

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

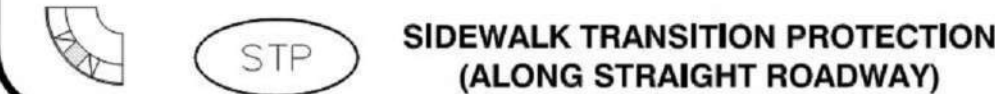
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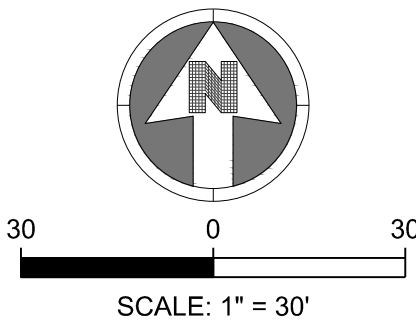
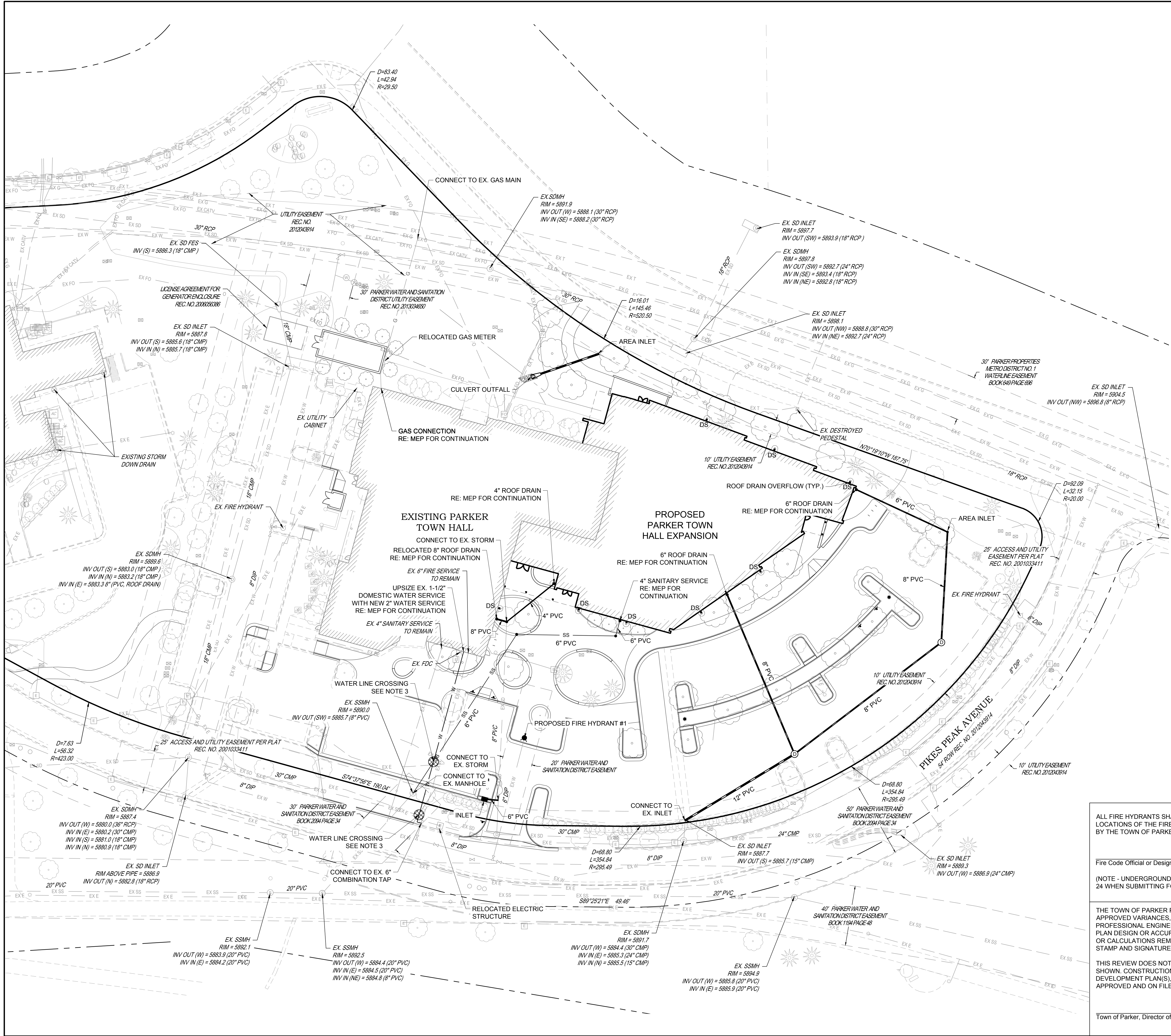
SCL
3 OF 3
Ret. 2013



SCI
1 OF
Oct 2014



STP
2 OF 2



- NOTES:
1. SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND
 2. DRY UTILITIES ARE SHOWN FOR REFERENCE ONLY. FINAL DESIGN TO BE COORDINATED WITH UTILITY PROVIDER
 3. CONTRACTOR TO ADJUST WATER LINE AS NECESSARY TO MAINTAIN A MINIMUM OF 4.5' OF COVER BELOW FINISH GRADE AND 18" BETWEEN OTHER UTILITIES.

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO WATER UTILITY STANDARDS. THE NUMBER AND LOCATIONS OF THE FIRE HYDRANTS AS SHOWN ON THE OVERALL UTILITY PLAN ARE CORRECT AS SPECIFIED BY THE TOWN OF PARKER, COMMUNITY DEVELOPMENT DEPARTMENT.

Fire Code Official or Designated Representative _____ Date _____

(NOTE - UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENTS OF NFPA 24 WHEN SUBMITTING FOR REVIEW.)

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH TOWN'S STANDARDS AND APPROVED VARIANCES. SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER

Town of Parker, Director of Engineering/Public Works _____ Date _____

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PROJECT:

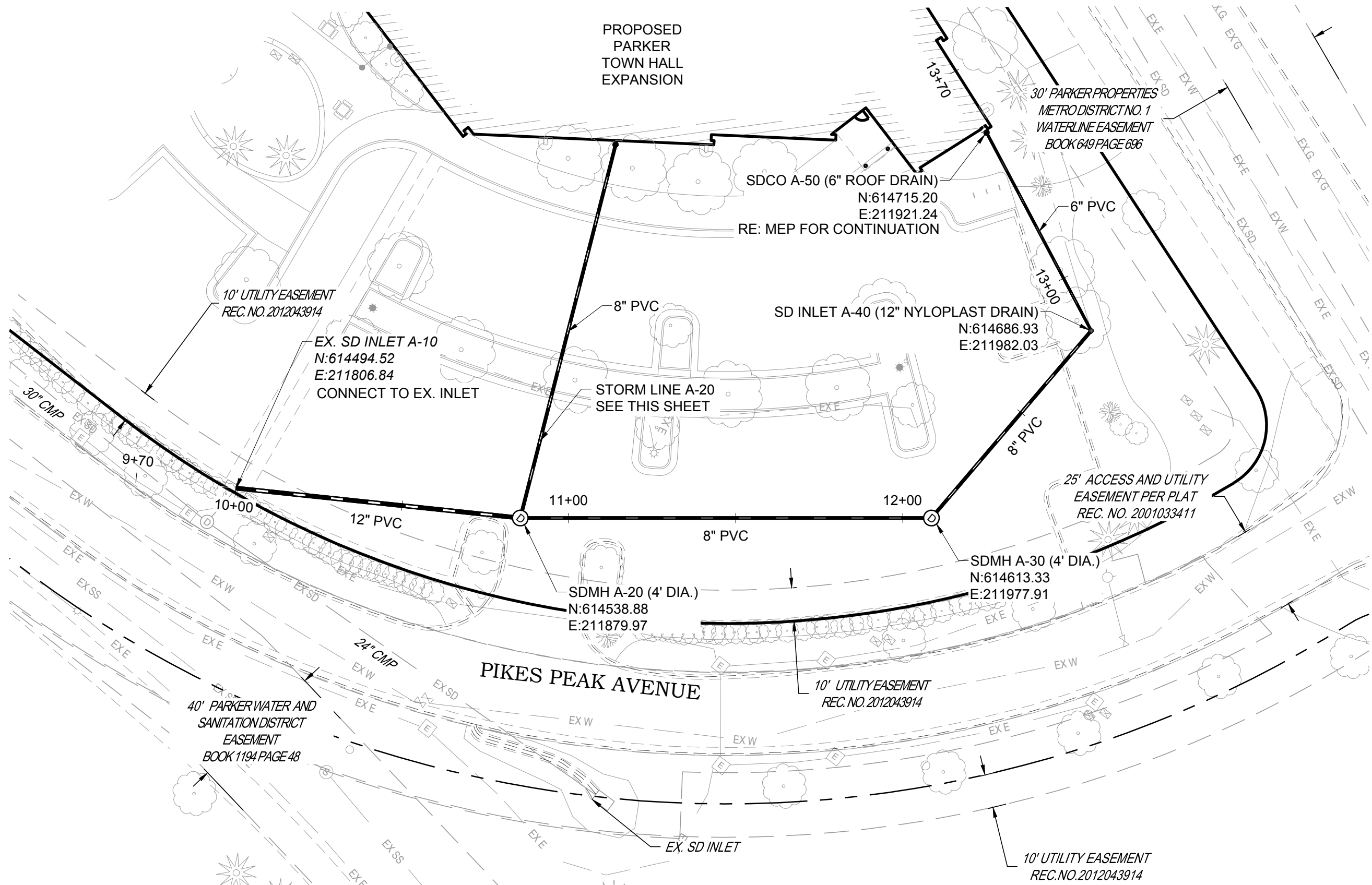
UTILITY PLAN

DRAWING TITLE:

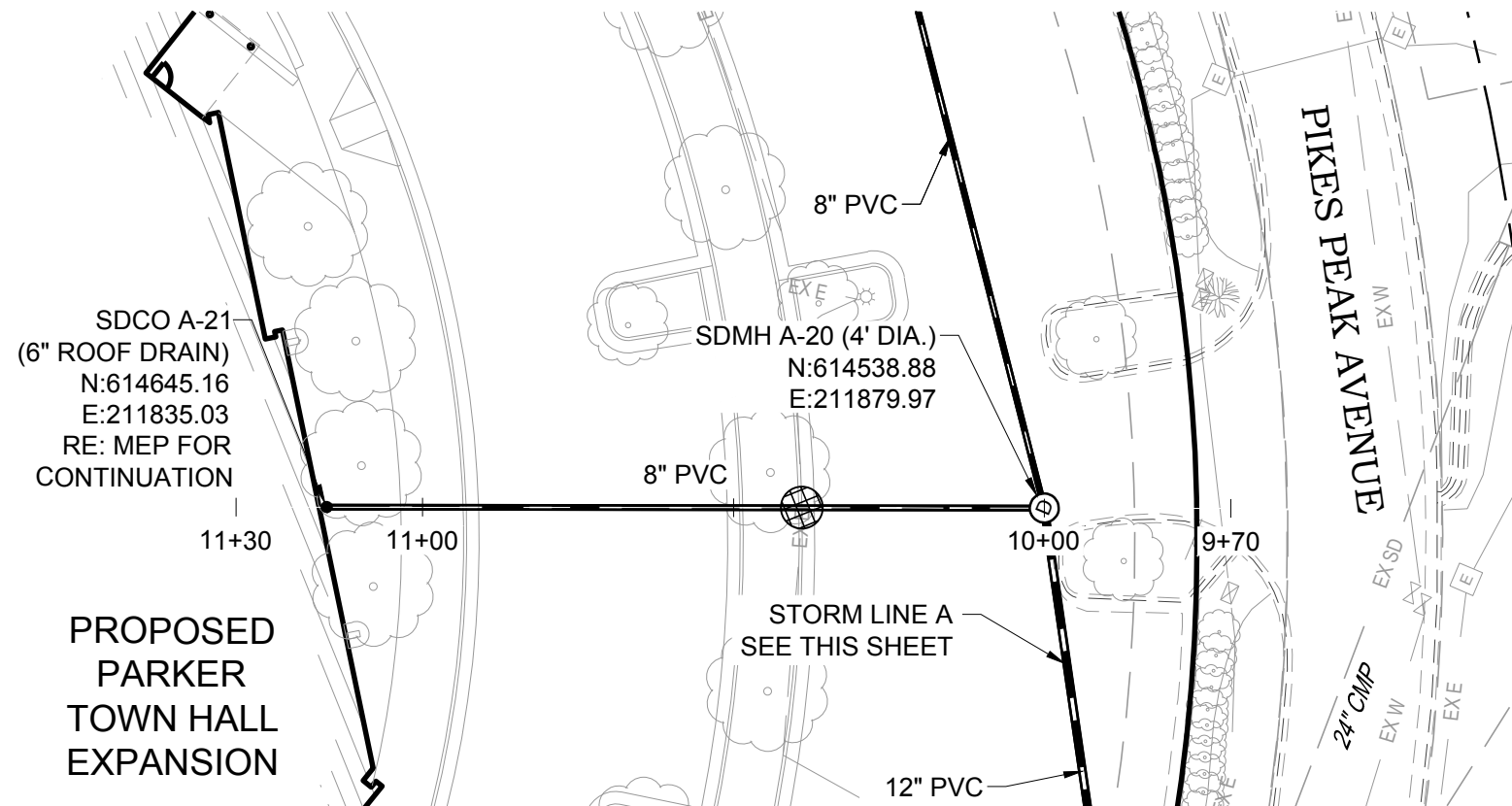
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DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER:

C-311

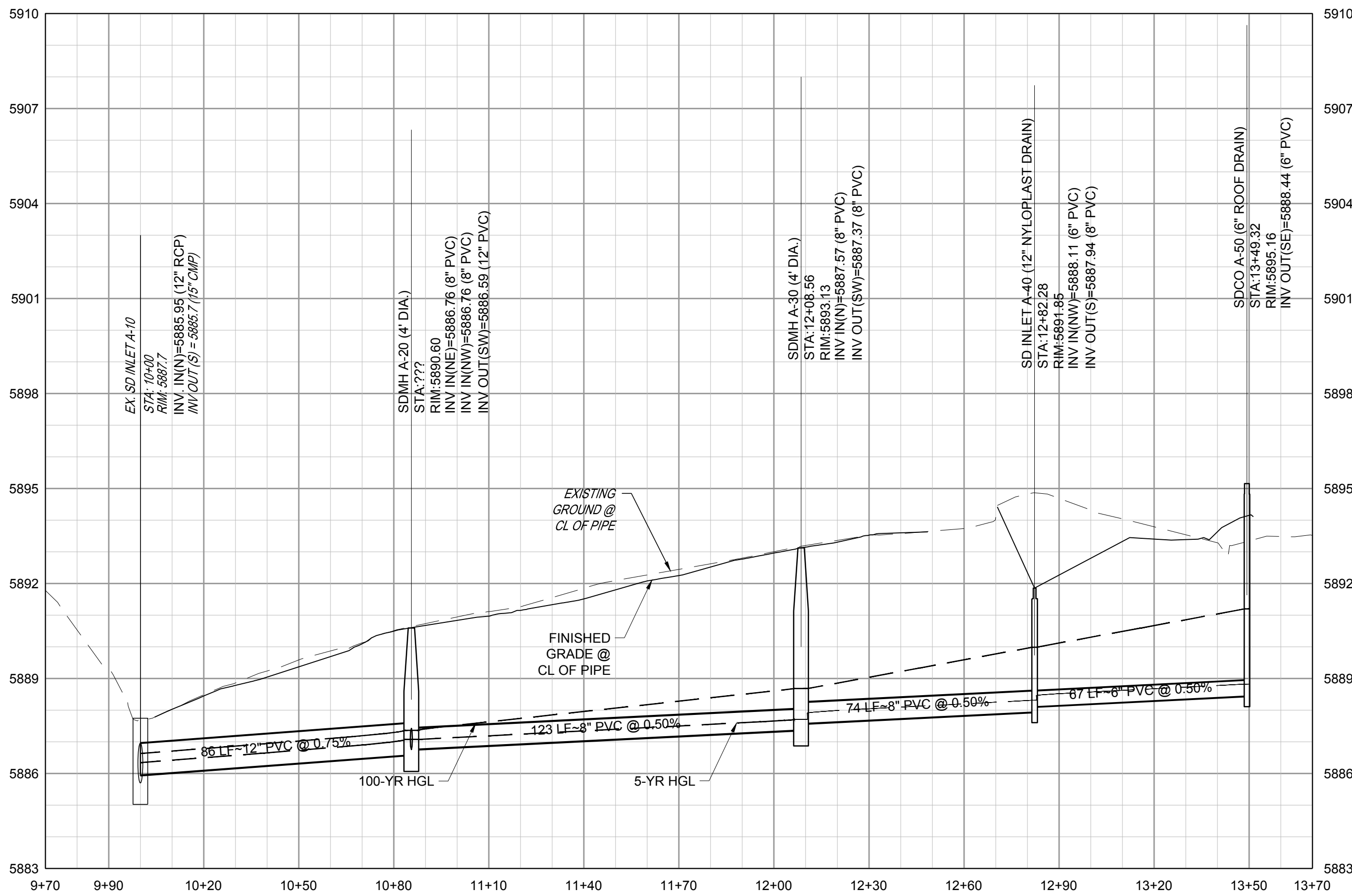
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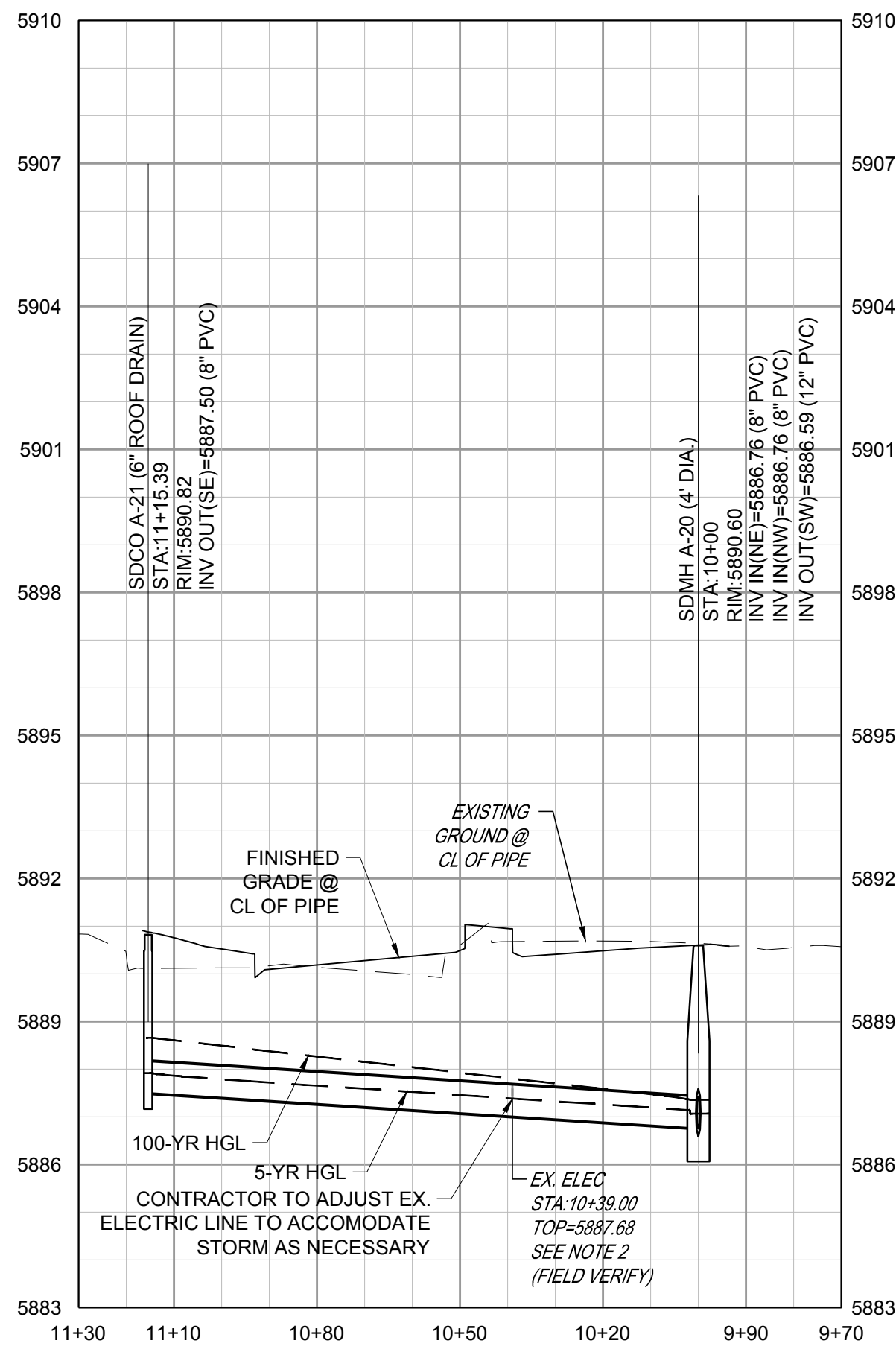
STORM LINE A PLAN



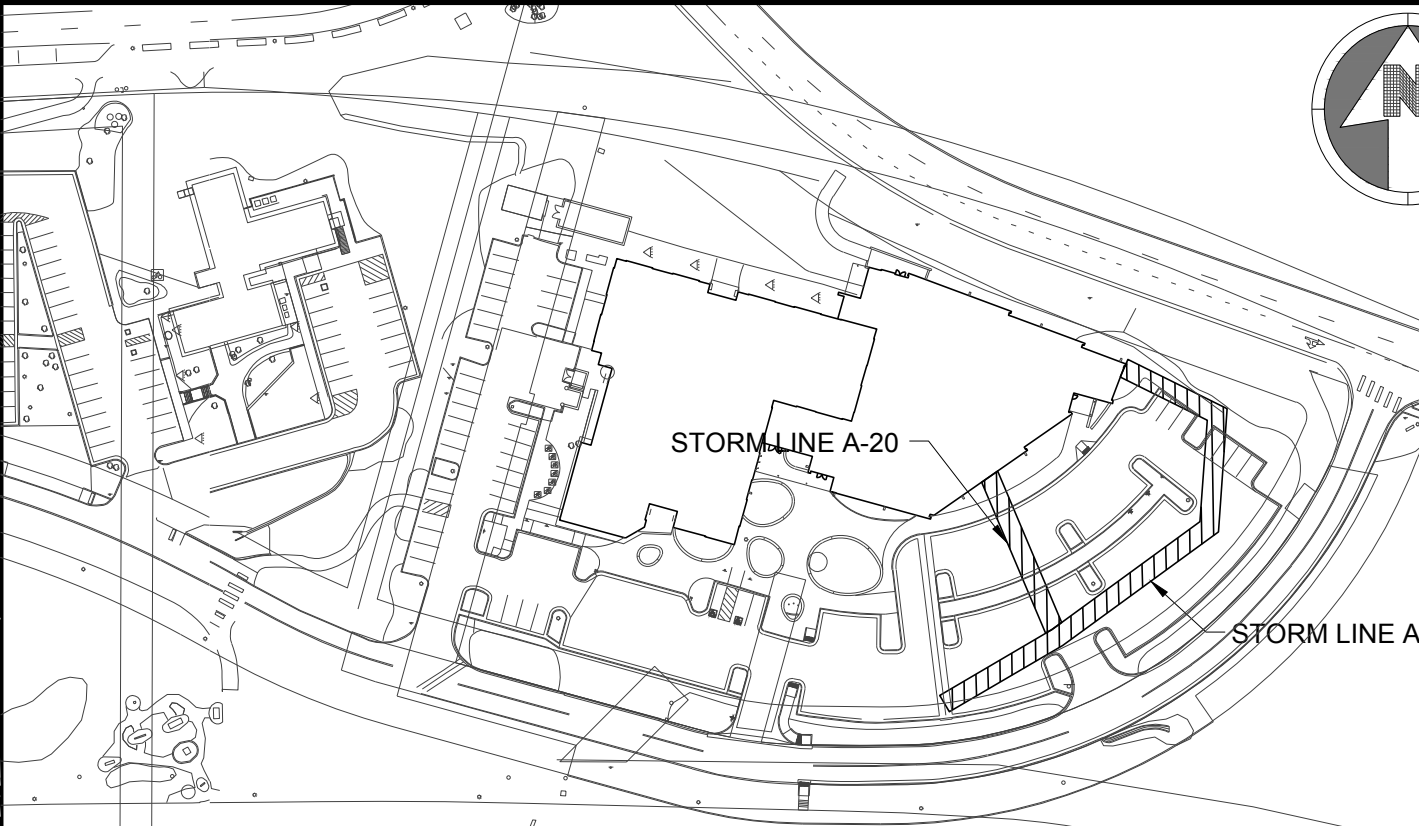
STORM LINE A-20 PLAN



STORM LINE A PROFILE

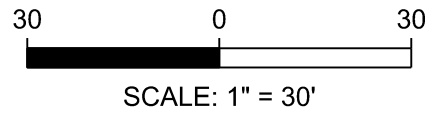


STORM LINE A-20 PROFILE



KEYMAP

NTS



NOTES:

1. SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
2. ALL EXISTING DRY UTILITIES ARE ASSUMED TO BE 3' DEEP TO TOP OF PIPE.
3. ALL EXISTING WATER LINES ARE ASSUMED TO BE 4.5' DEEP TO TOP OF PIPE, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICTS IMMEDIATELY.

LEGEND:

UTILITY CROSSING

DATE	DESCRIPTION	NO.
11/03/2023	FIRST TOWN SUBMITTAL	1

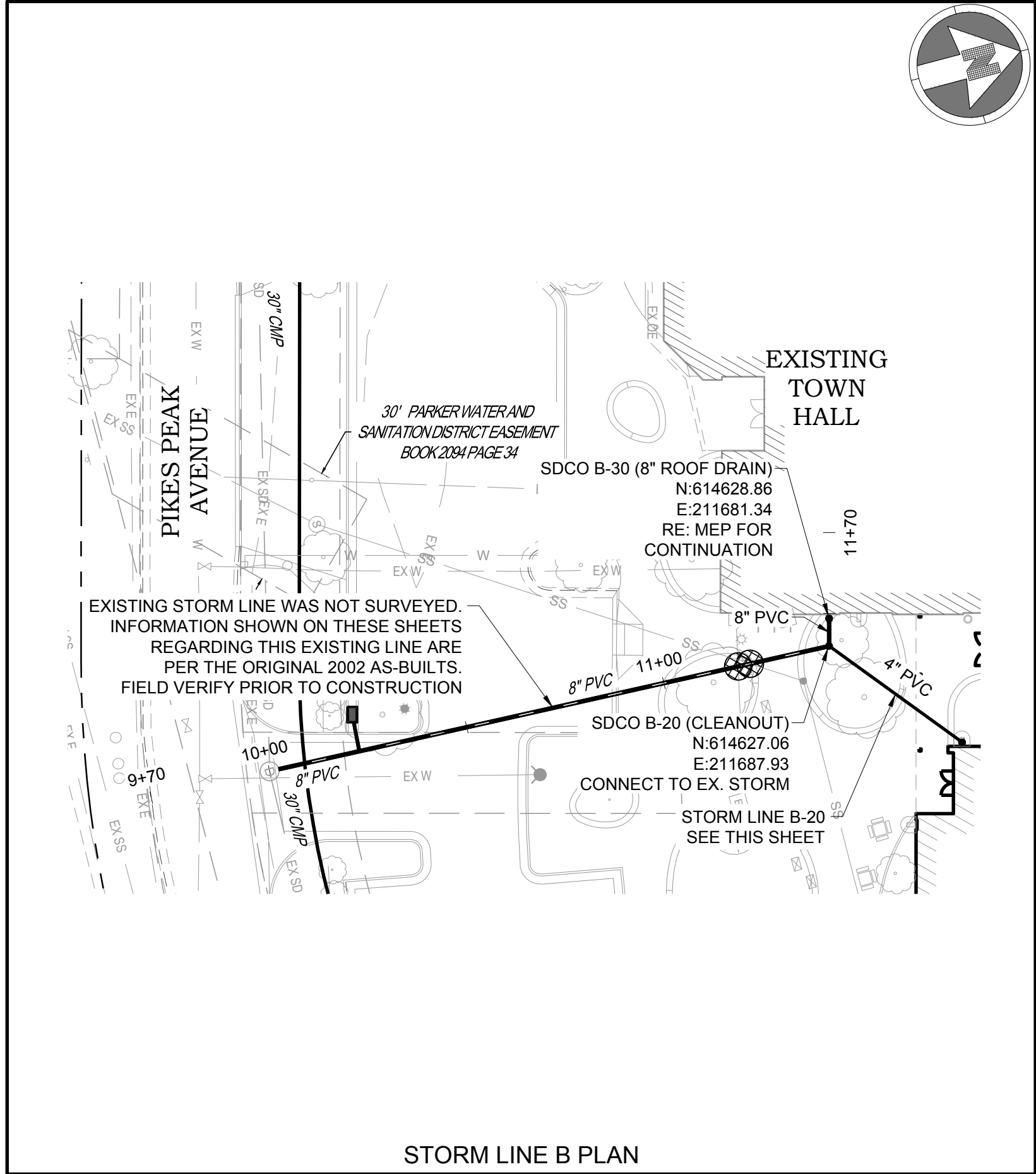
PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138
STORM PLAN AND PROFILES

PROJECT:
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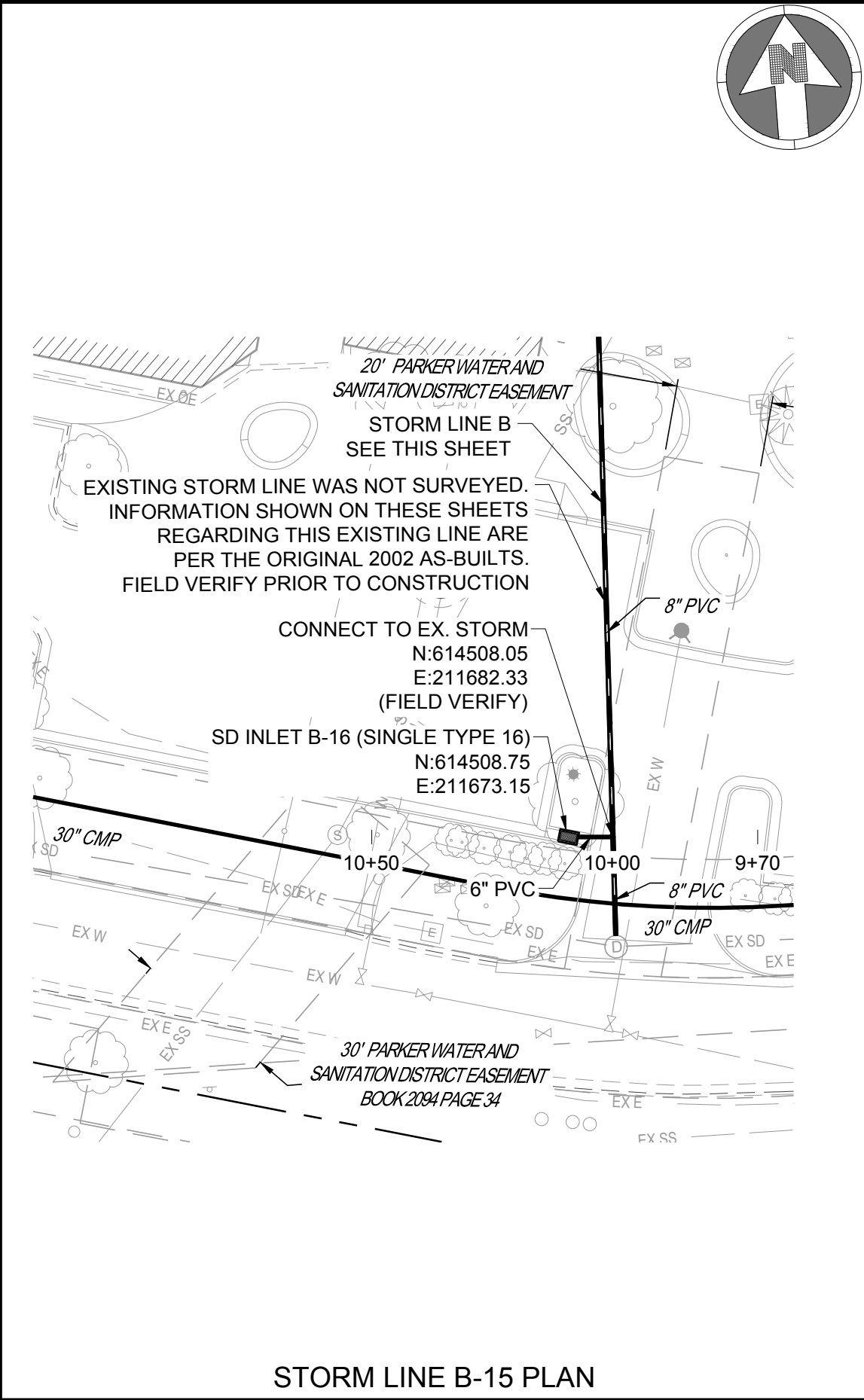


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DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
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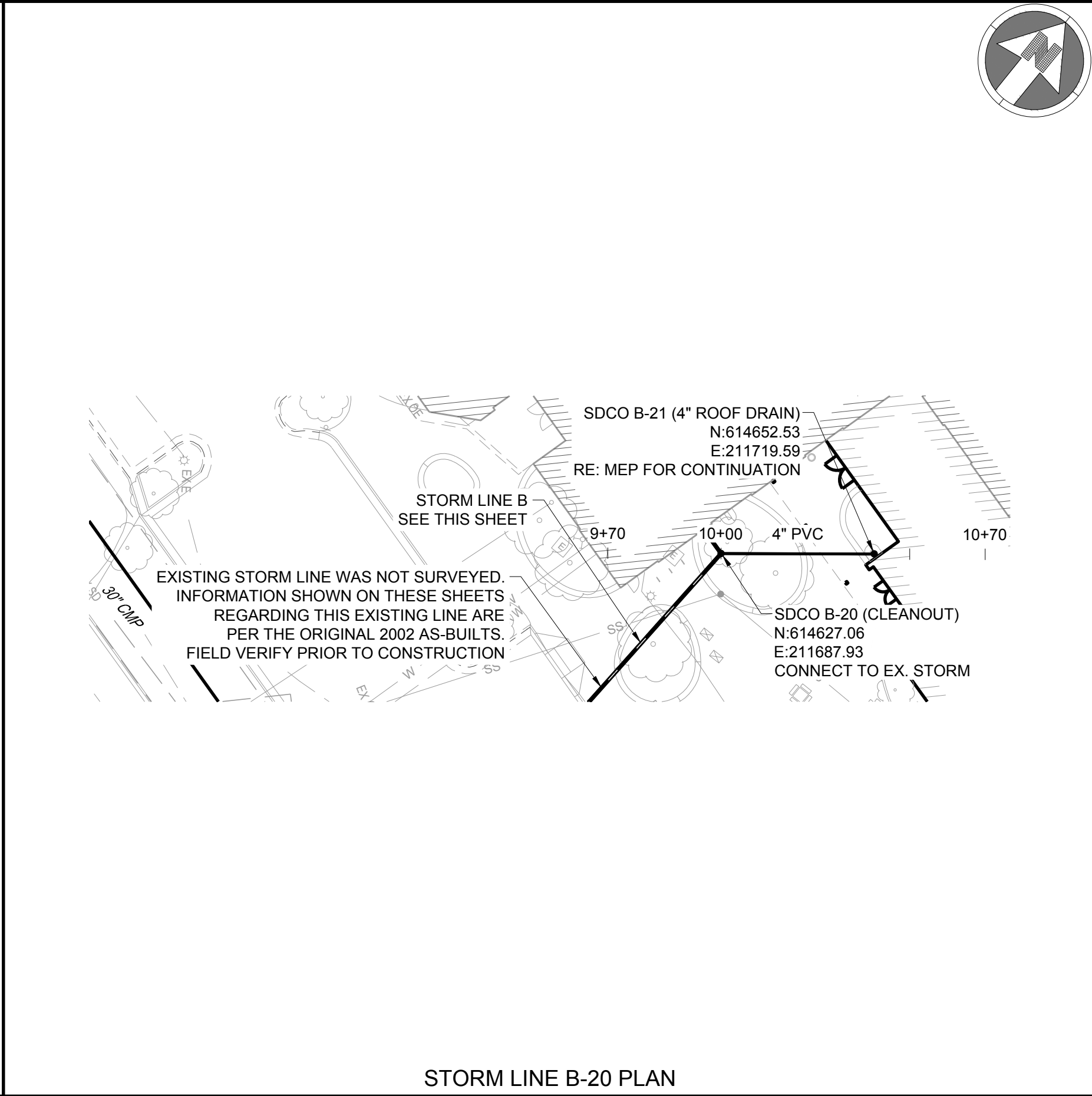
C-331



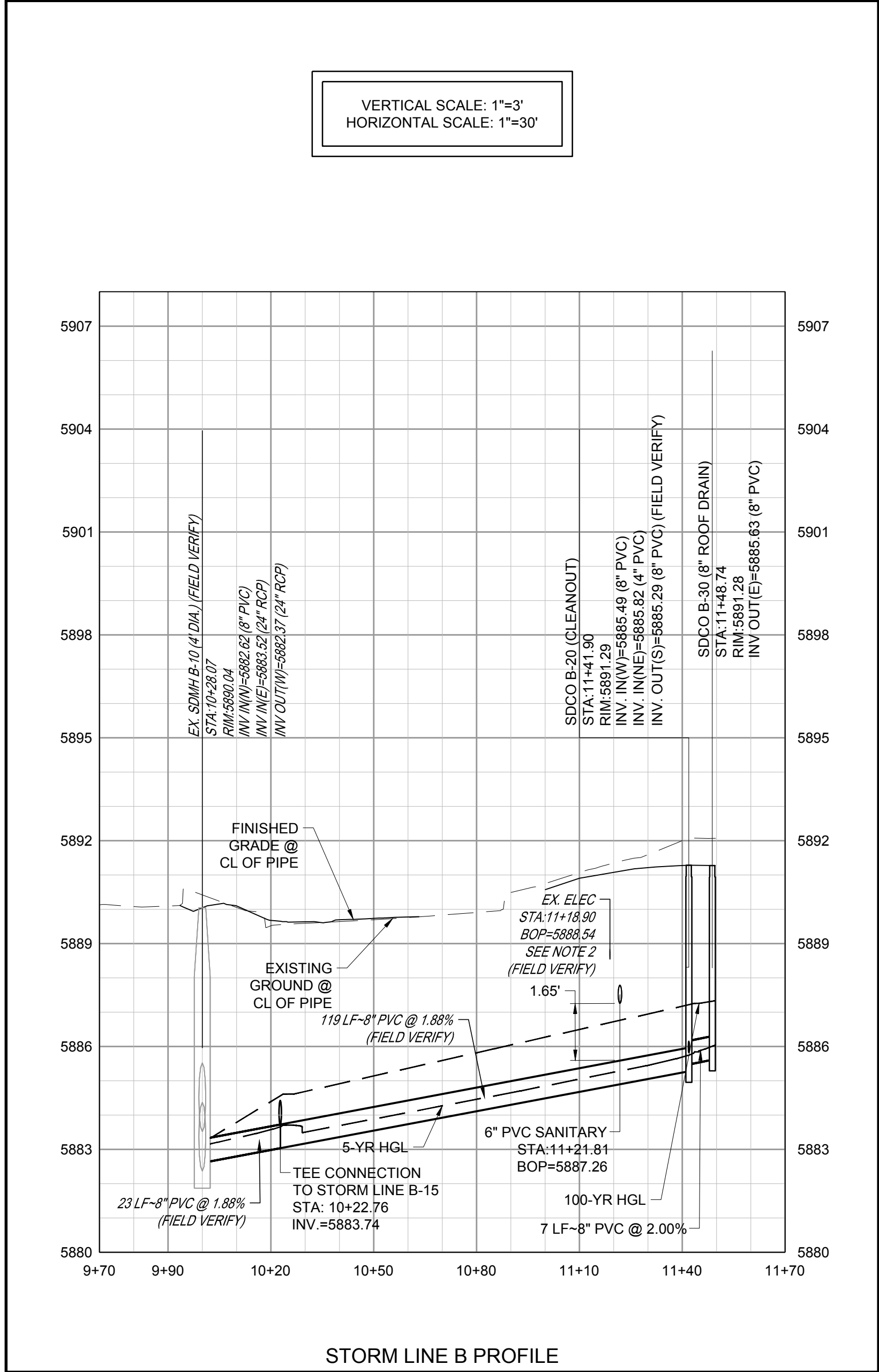
STORM LINE B PLAN



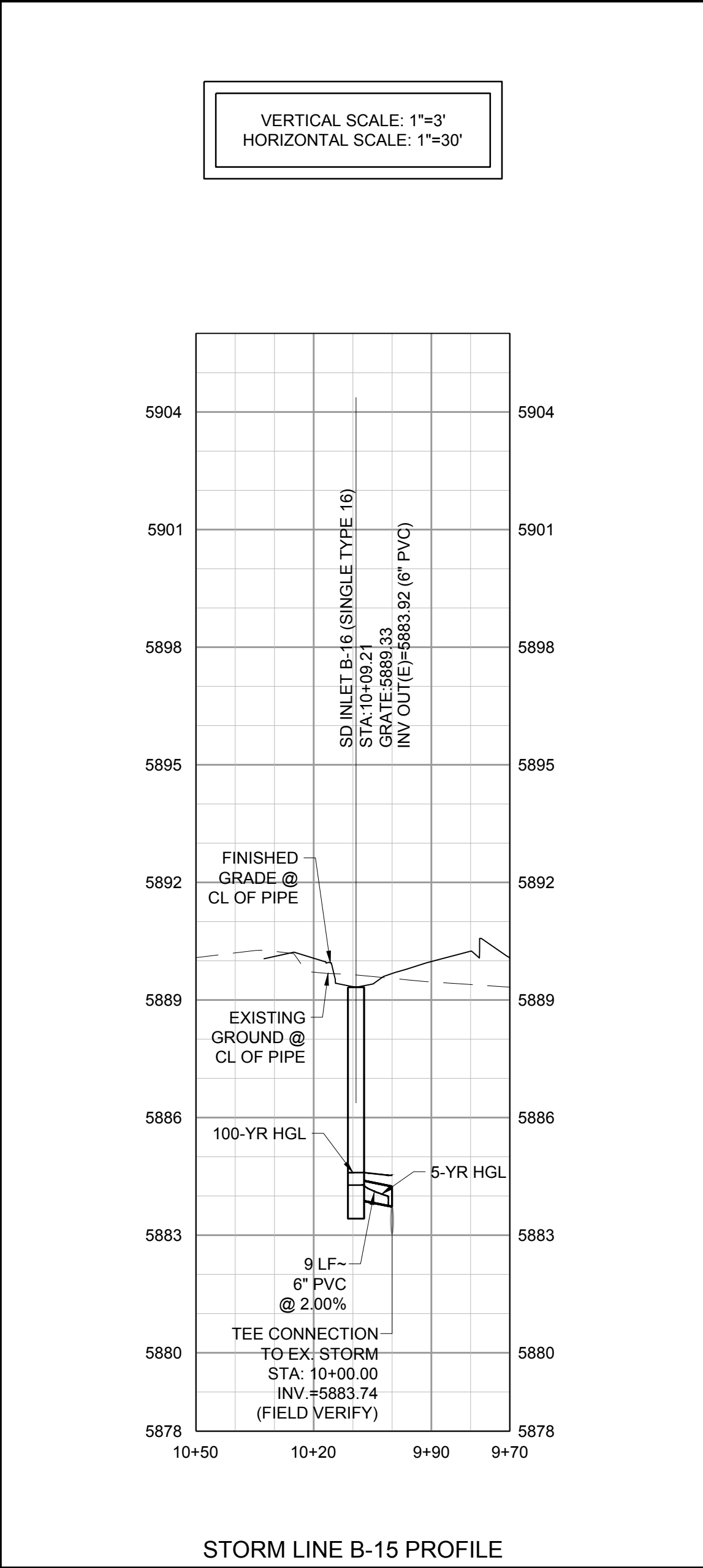
STORM LINE B-15 PLAN



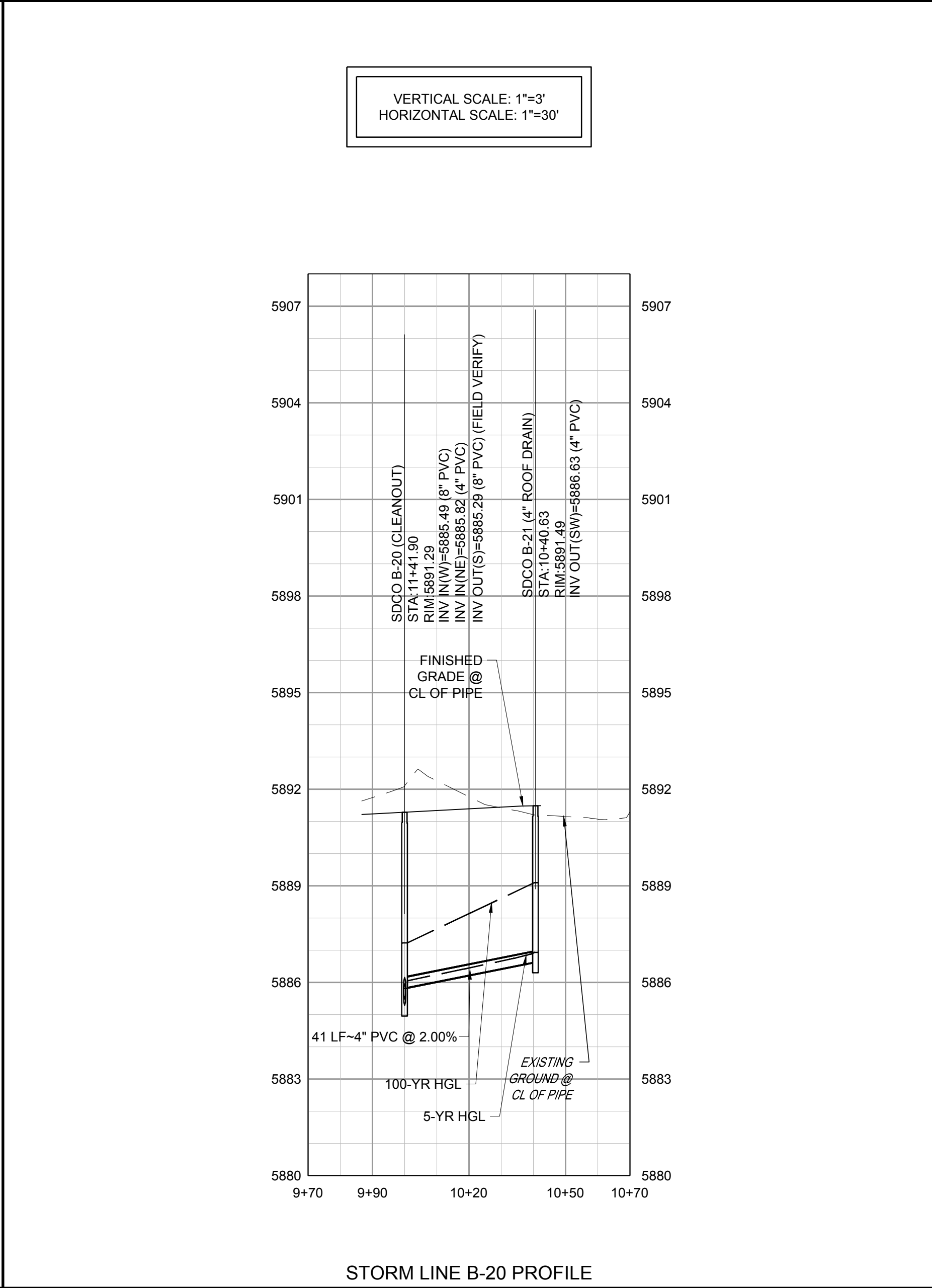
STORM LINE B-20 PLAN



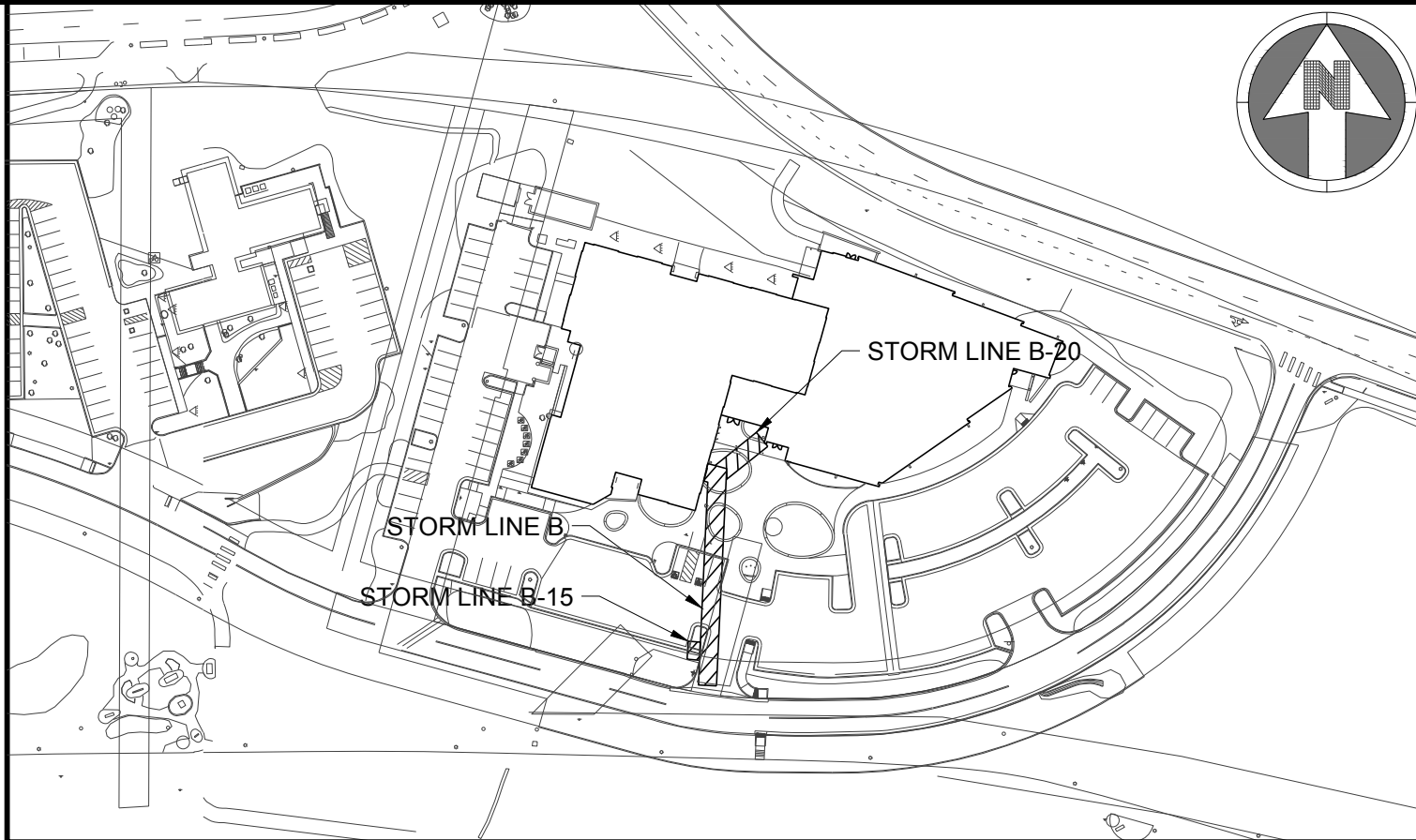
STORM LINE B PROFILE



STORM LINE B-15 PROFILE



STORM LINE B-20 PROFILE



- NOTES:**
- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
 - ALL EXISTING DRY UTILITIES ARE ASSUMED TO BE 3' DEEP TO TOP OF PIPE.
 - ALL EXISTING WATER LINES ARE ASSUMED TO BE 4.5' DEEP TO TOP OF PIPE, UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICTS IMMEDIATELY.

- LEGEND:**
- UTILITY CROSSING

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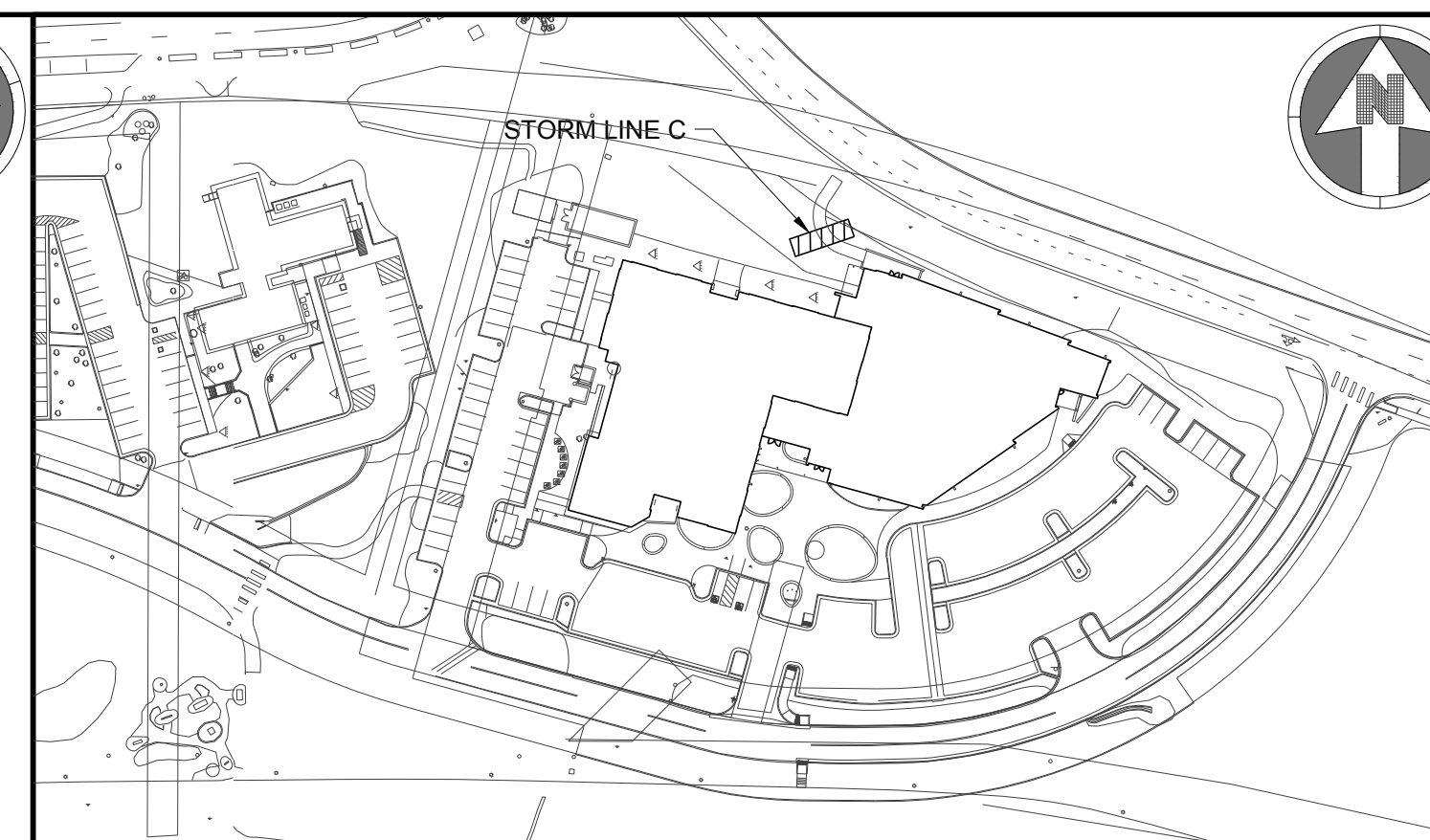
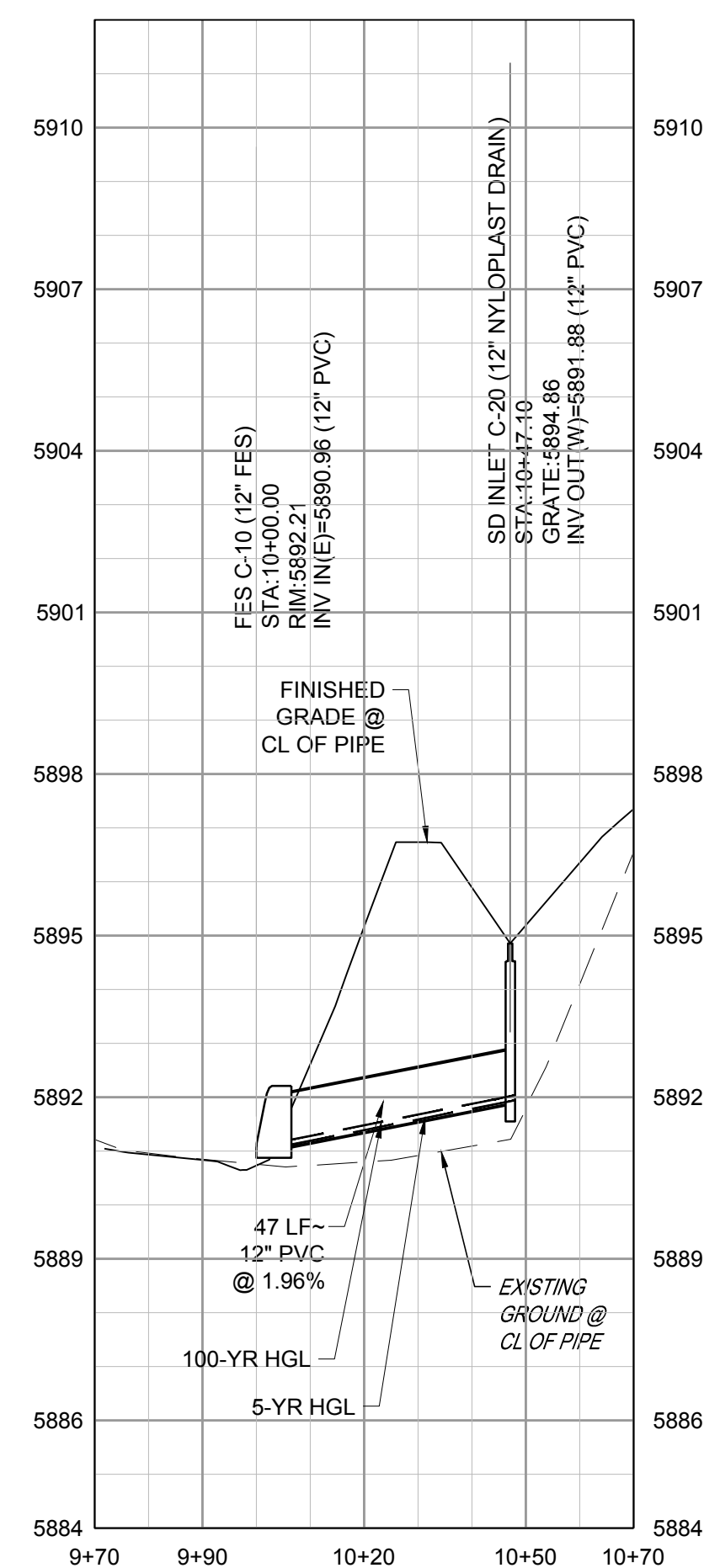
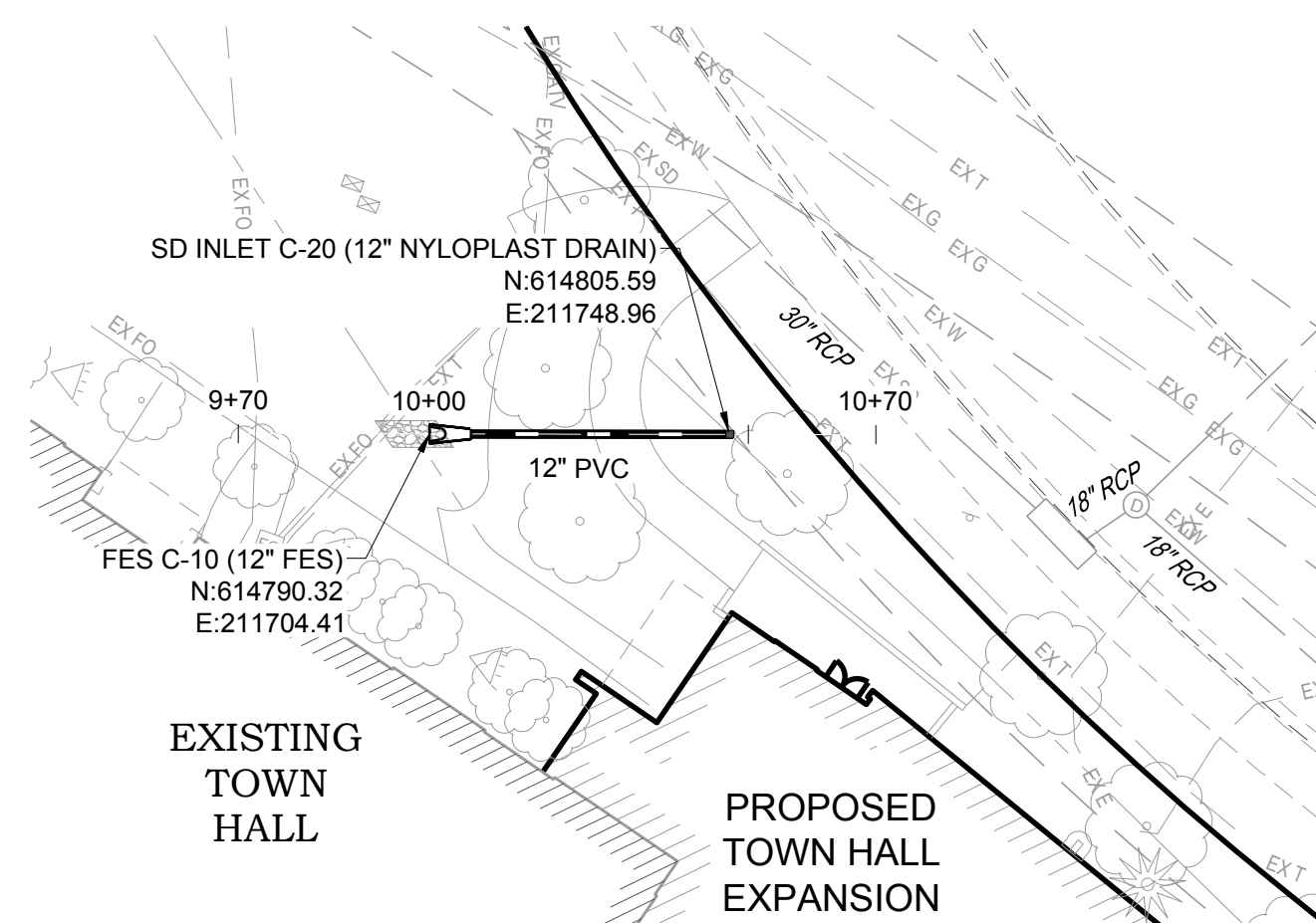
DRAWING TITLE: STORM PLAN AND PROFILES

DESIGNED BY:	RJH
DRAWN BY:	RLH
CHECKED BY:	MHV
MIRO JOB NO.	22139
DRAWING NUMBER:	C-332

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH TOWN'S STANDARDS AND APPROVED VARIANCES. SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

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Town of Parker, Director of Engineering/Public Works _____ Date _____



- KEYMAP
NTS
- 30 0 30
- SCALE: 1" = 30'

NOTES:

1. SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
2. ALL EXISTING DRY UTILITIES ARE ASSUMED TO BE 3' DEEP TO TOP OF PIPE.
3. ALL EXISTING WATER LINES ARE ASSUMED TO BE 4.5' DEEP TO TOP OF PIPE, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICTS IMMEDIATELY.

LEGEND:

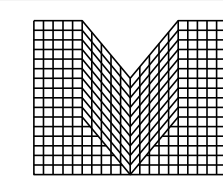
 UTILITY CROSSING

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Town of Parker, Director of Engineering/Public Works

Date _____



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NO.	DESCRIPTION	DATE
1	FIRST TOWN SUBMITTAL	11/03/2023

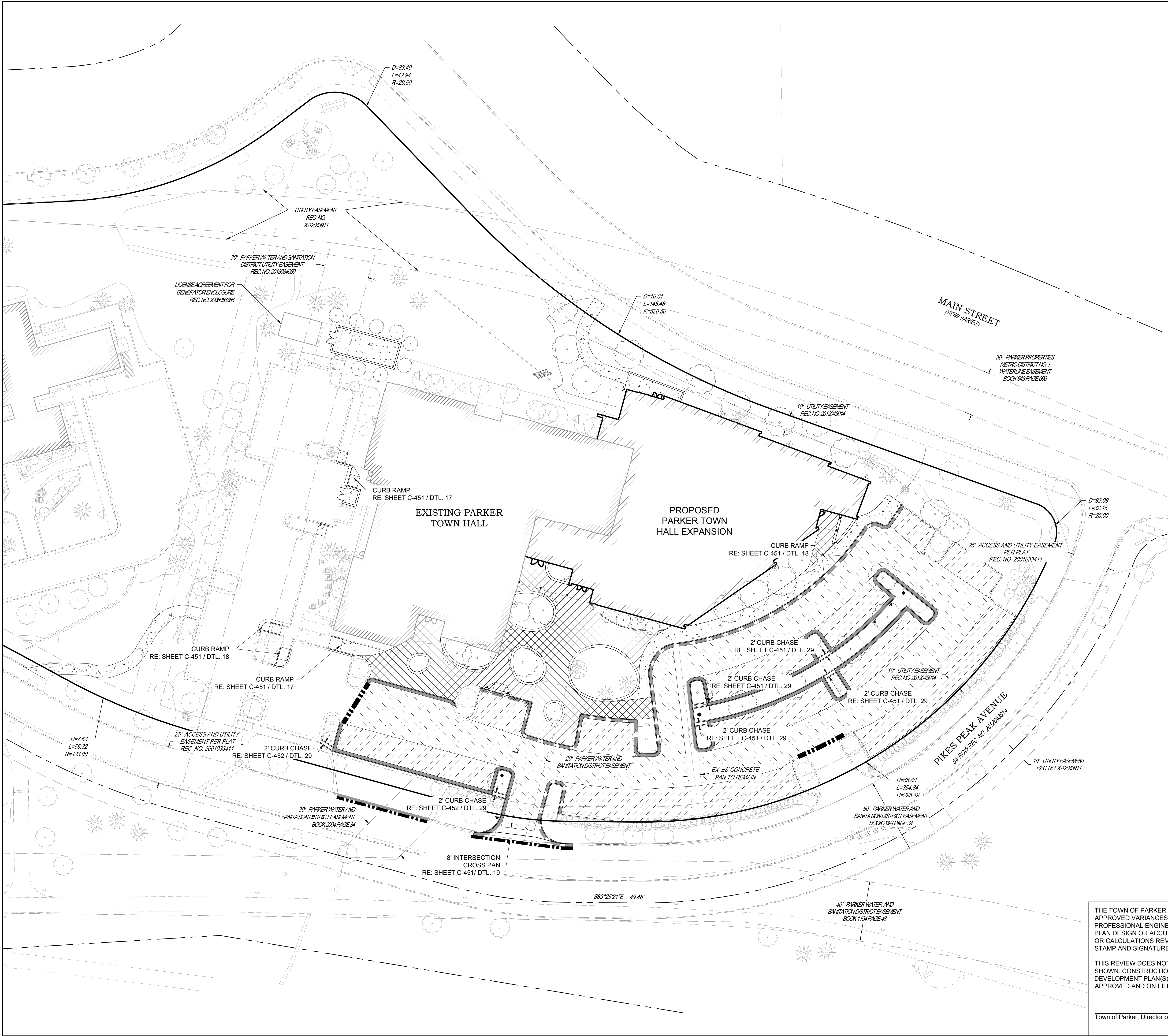
PROJECT:	PARKER TOWN HALL EXPANSION 20120 MAINSTREET PARKER, CO 80138
DRAWING TITLE:	STORM DRAIN AND BBOEILES



DESIGNED BY:	RJH
DRAWN BY:	RLH
CHECKED BY:	MHV
MIRO JOB NO.	22139
DRAWING NUMBER:	

DRAWING NUMBER

C-333



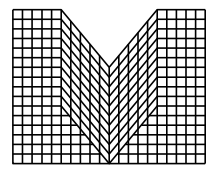
NOTES:
1. SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.

- LEGEND:
- PROPOSED 6" CATCH CURB AND GUTTER
RE: SHEET C-451 / DTL. 3
 - PROPOSED 6" SPILL CURB AND GUTTER
RE: SHEET C-451 / DTL. 3
 - PROPOSED FLUSH CURB AND GUTTER
RE: SHEET C-453 / DTL. 2
 - PROPOSED PATCHBACK
RE: SHEET C-452 / DTL. 2
 - PROPOSED CURB TRANSITION
 - PROPOSED 5" COMPOSITE ASPHALT
OVER 6" BASE COURSE
RE: SHEET C-453 / DTL. 1-A
 - PROPOSED FIRE TRUCK RATED PAVEMENT
DESIGN TBD
RE: SHEET C-453 / DTL. 1-A
 - PROPOSED 7" CONCRETE PAVEMENT
OVER 4" BASE COURSE
RE: SHEET C-453 / DTL. 1-B
 - REFER TO LANDSCAPE PLANS

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Town of Parker, Director of Engineering/Public Works Date



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DATE	DESCRIPTION	NO.
11/03/2023	FIRST TOWN SUBMITTAL	1

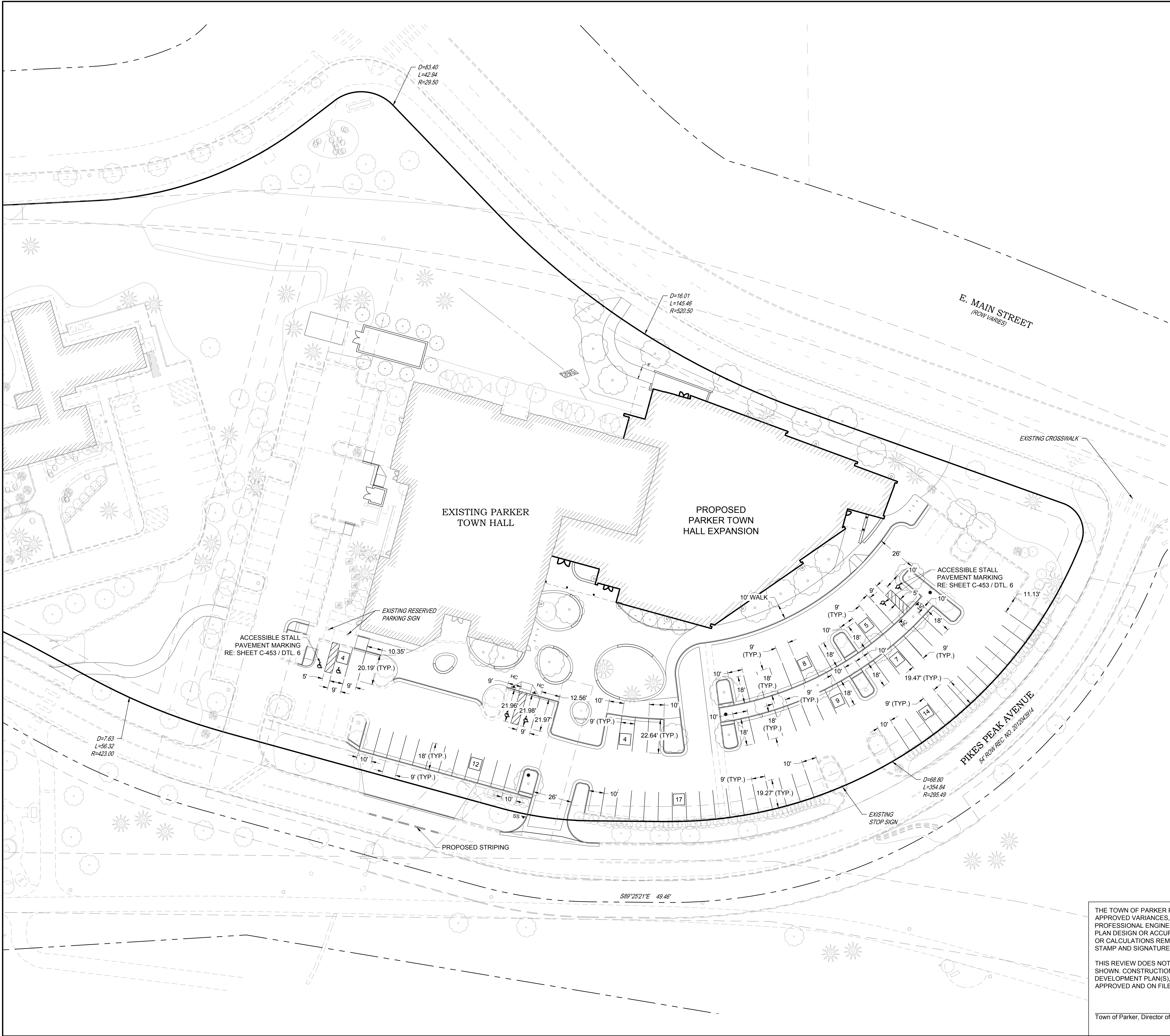
PROJECT: PARKER TOWN HALL EXPANSION
20120 MAIN STREET
PARKER, CO 80138

DRAWING TITLE: PAVING PLAN

FILE PATH: C:\Users\rlh\OneDrive\Documents\S. A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C411-PAVE-PLAN.dwg C411 - 11/2/2023



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: C-411



- NOTES:
- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
 - PARKING STALLS ADJACENT TO LANDSCAPE ISLANDS SHALL BE A MINIMUM OF 10' IN WIDTH.

- LEGEND:
- HC PROPOSED "HANDICAP PARKING" SIGN
RE: SHEET C-453 / DTL. 5
 - HCV PROPOSED "VAN ACCESSIBLE
HANDICAP PARKING" SIGN
RE: SHEET C-453 / DTL. 5
 - SS PROPOSED "STOP" SIGN
RE: SHEET C-453 / DTL. 5
 - 9 PARKING STALL COUNT
9'X18' MINIMUM DIMENSIONS
UNLESS OTHERWISE NOTED

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11/03/2023	FIRST TOWN SUBMITTAL	1

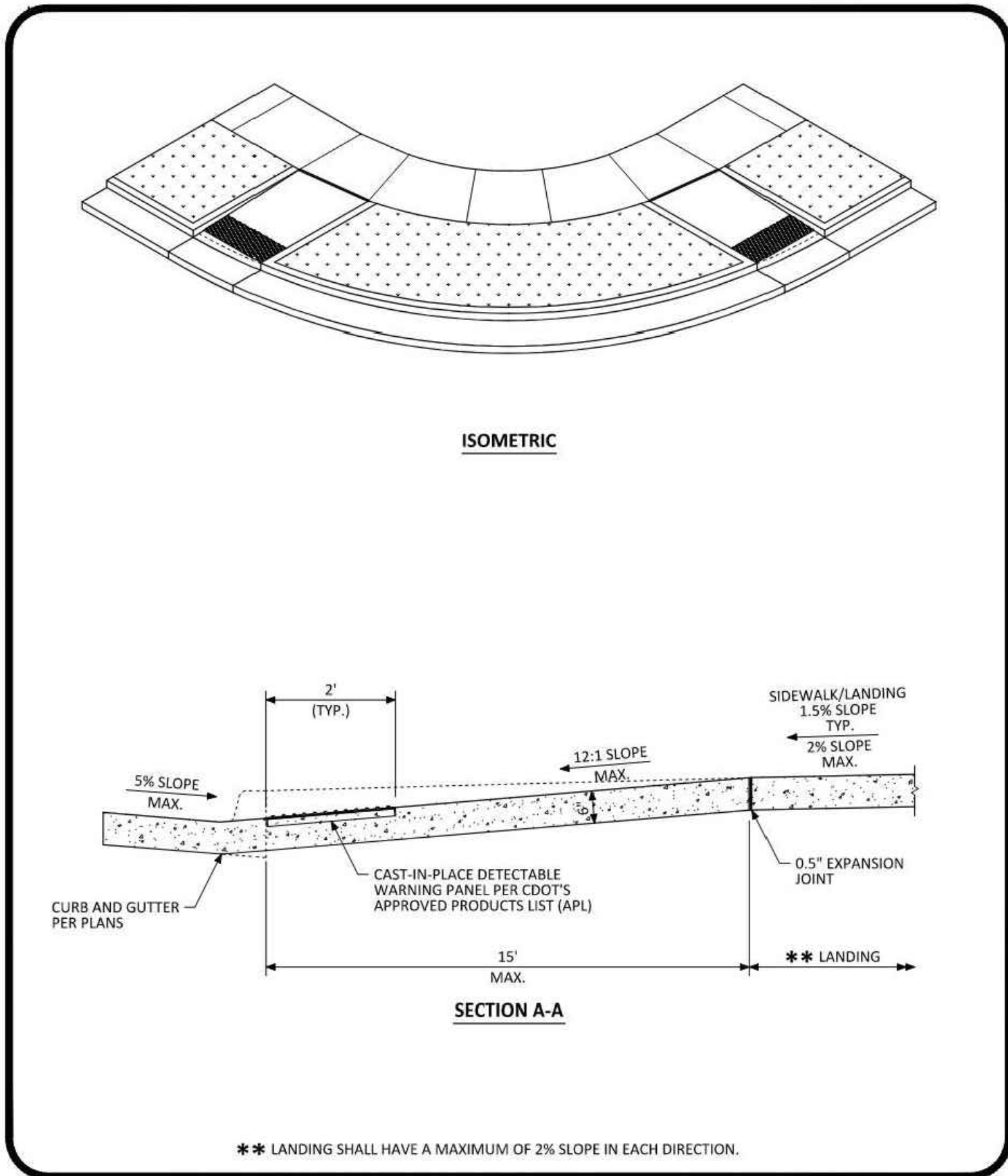
PROJECT: PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138

DRAWING TITLE: SIGNAGE AND STRIPING PLAN

FILE PATH: C:\Users\sthr\Documents\S.A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C421-STRP-PLAN.dwg C421 - 11/2/2023



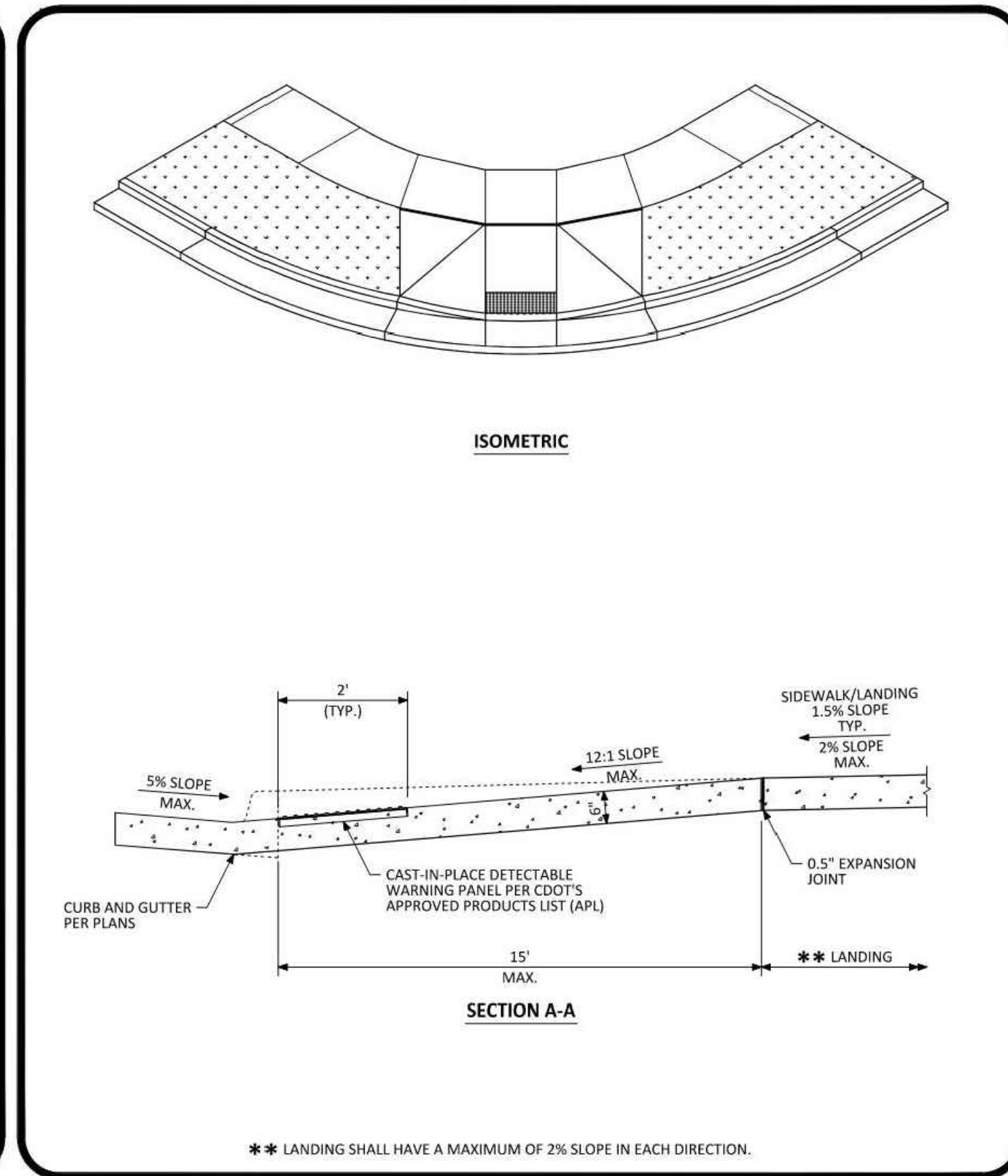
DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: C-421





DIRECTIONAL CURB RAMP LAYOUT STANDARD DETAIL

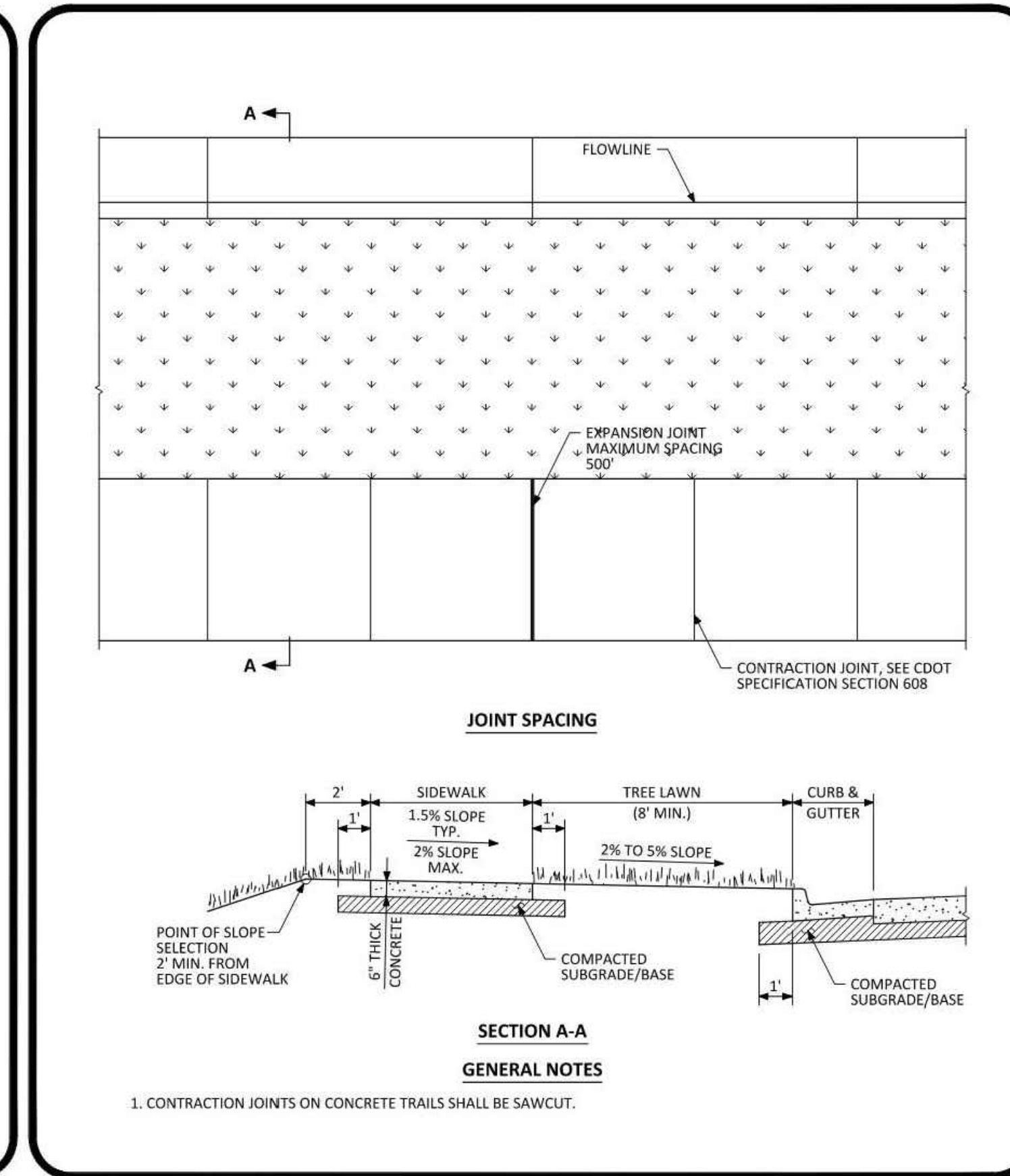
DATE NOVEMBER 2020
DETAIL 15
4 OF 4





DIAGONAL CURB RAMP LAYOUT STANDARD DETAIL

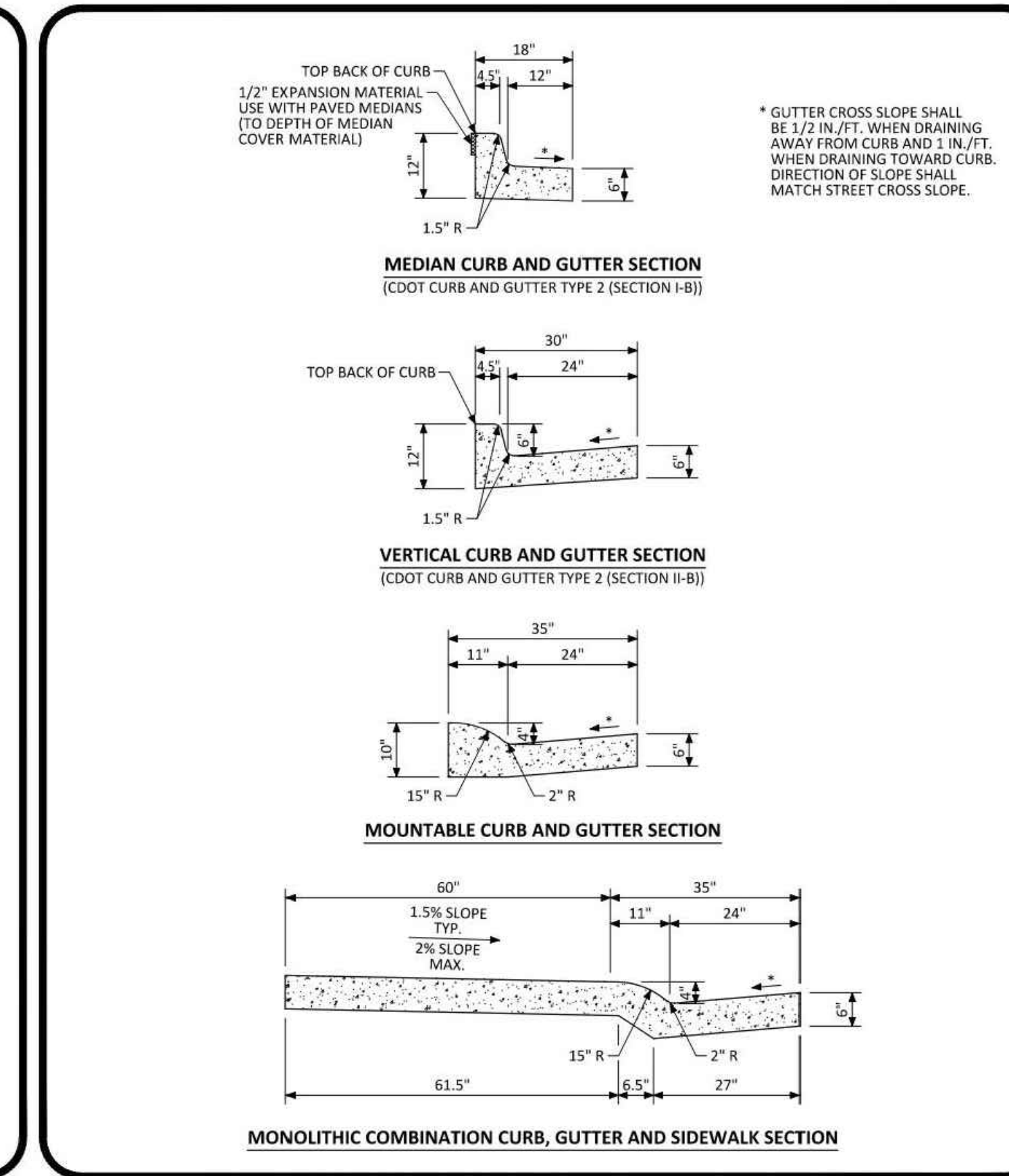
DATE NOVEMBER 2020
DETAIL 15
2 OF 4





DETACHED SIDEWALK STANDARD DETAIL

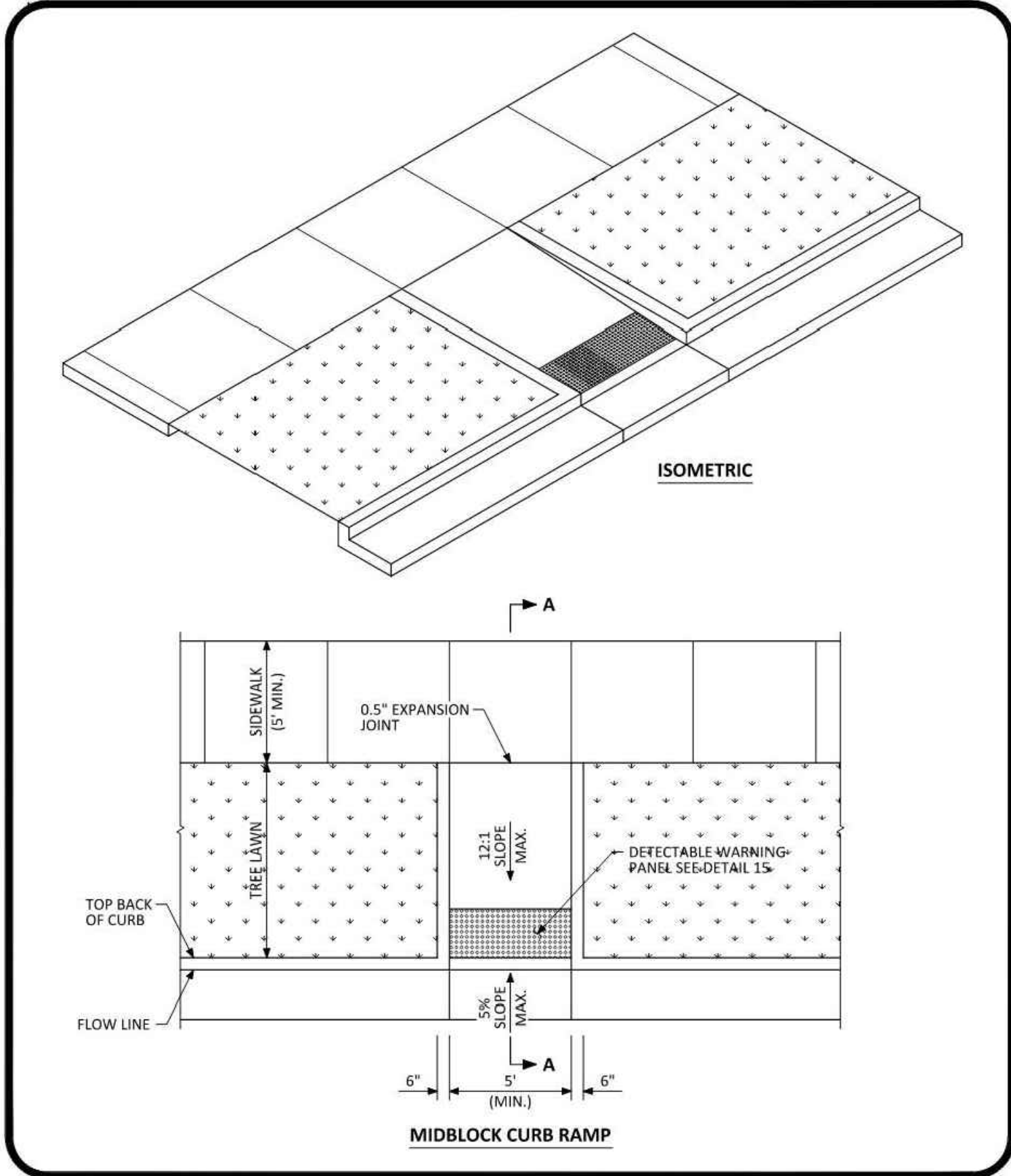
DATE NOVEMBER 2020
DETAIL 4
1 OF 2





CURB, GUTTER, AND SIDEWALK SECTIONS STANDARD DETAIL

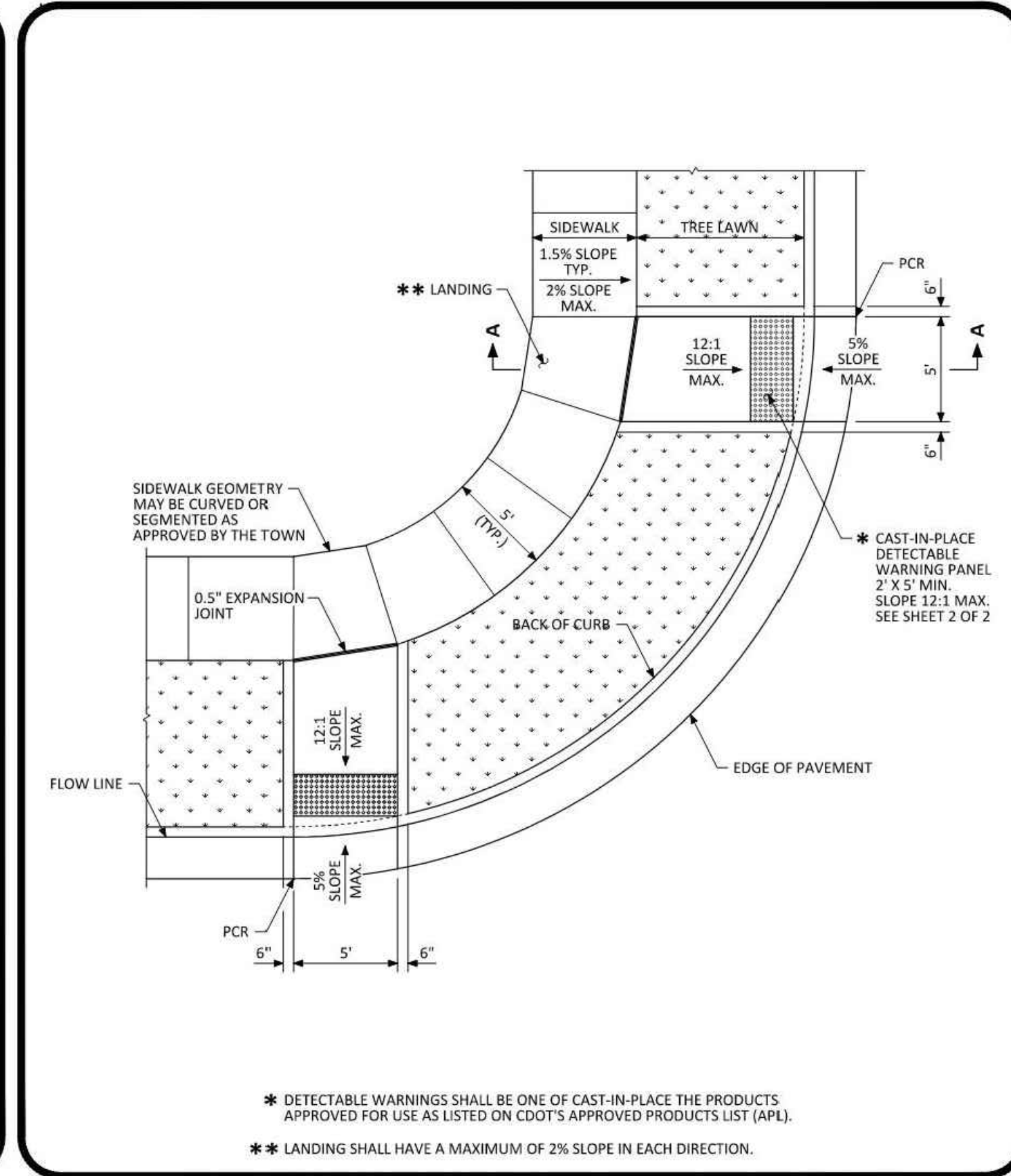
DATE NOVEMBER 2020
DETAIL 3
1 OF 1





MIDBLOCK CURB RAMP LAYOUT STANDARD DETAIL

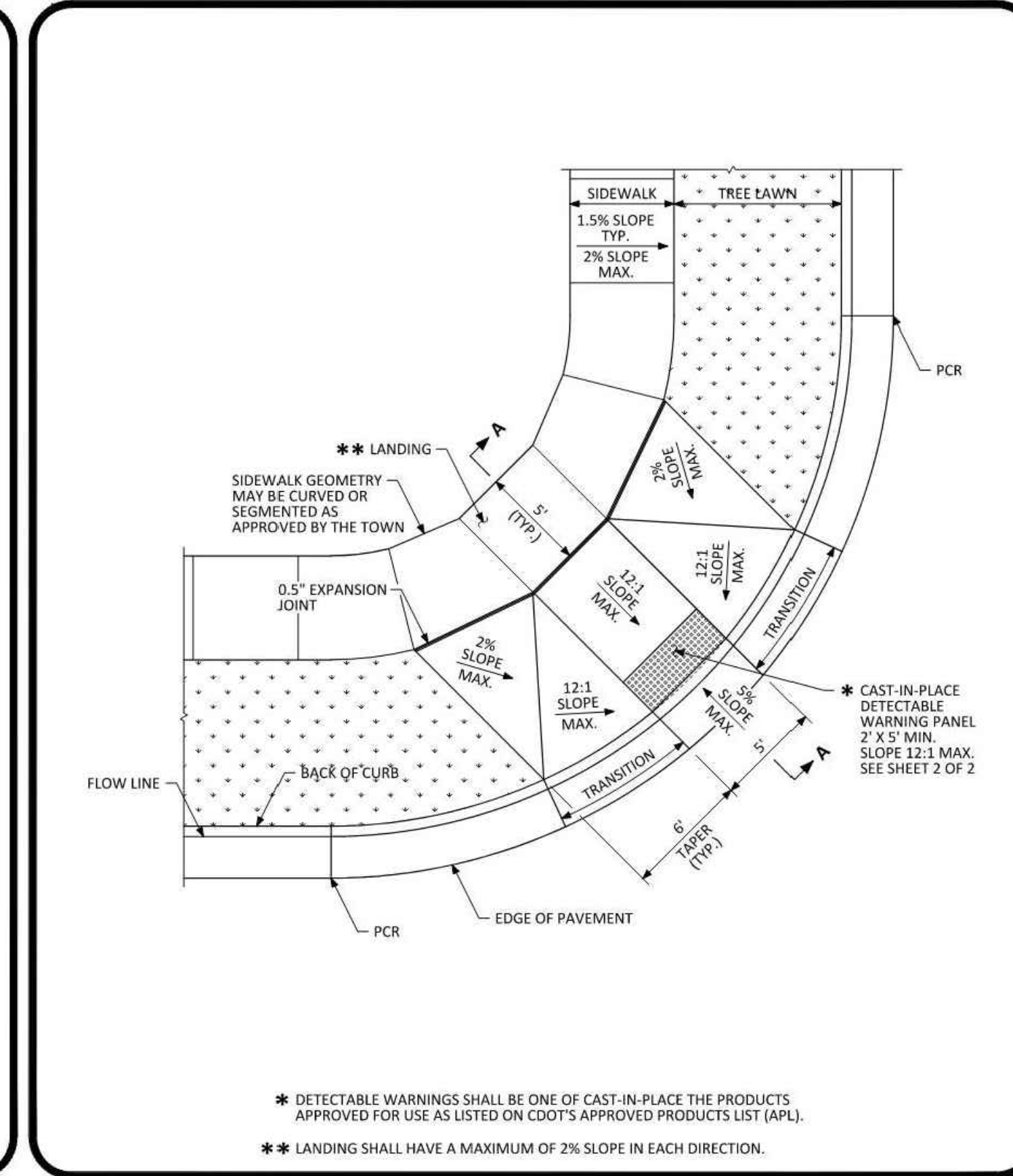
DATE NOVEMBER 2020
DETAIL 17
1 OF 2





DIRECTIONAL CURB RAMP LAYOUT STANDARD DETAIL

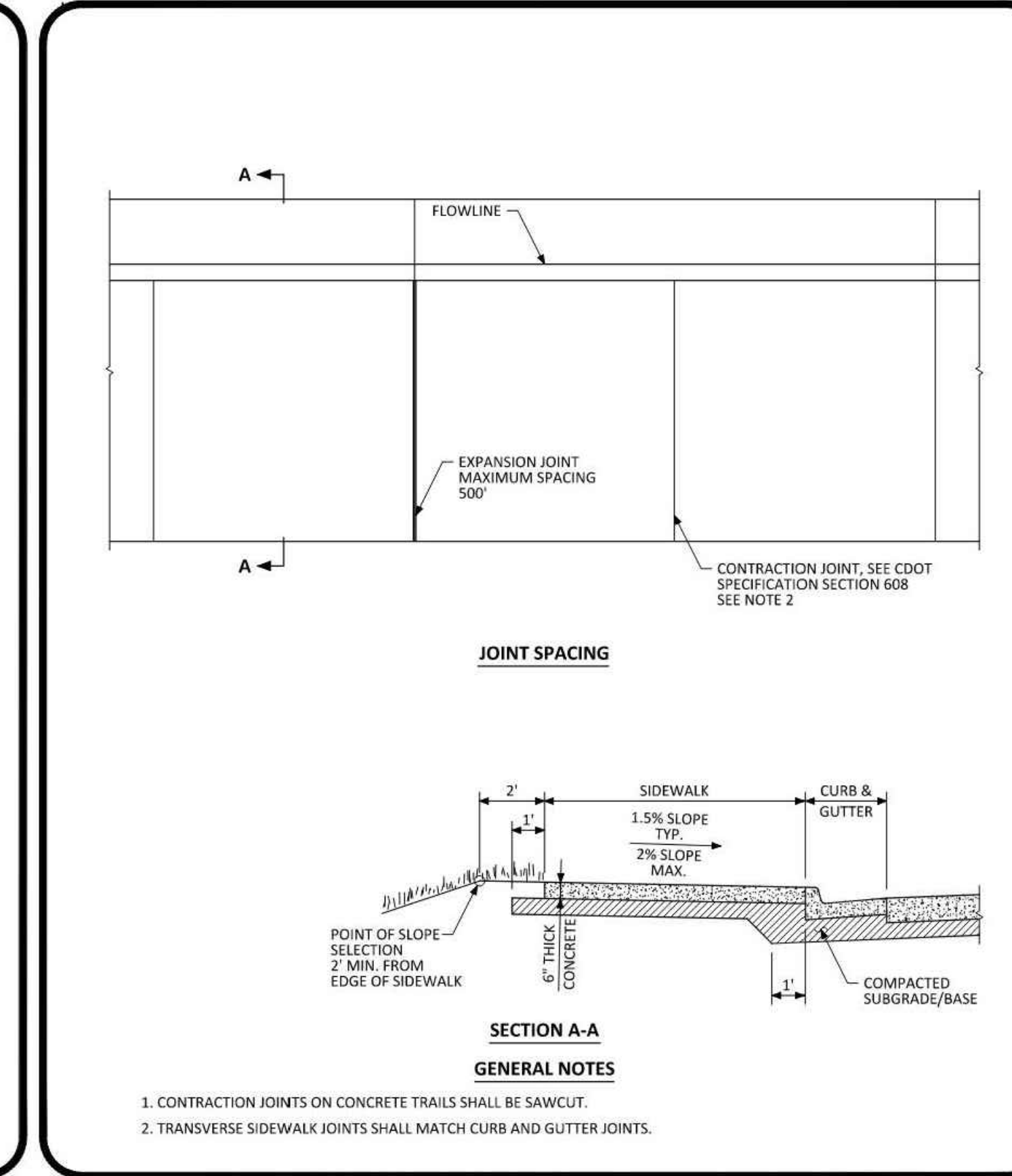
DATE NOVEMBER 2020
DETAIL 15
3 OF 4





DIAGONAL CURB RAMP LAYOUT STANDARD DETAIL

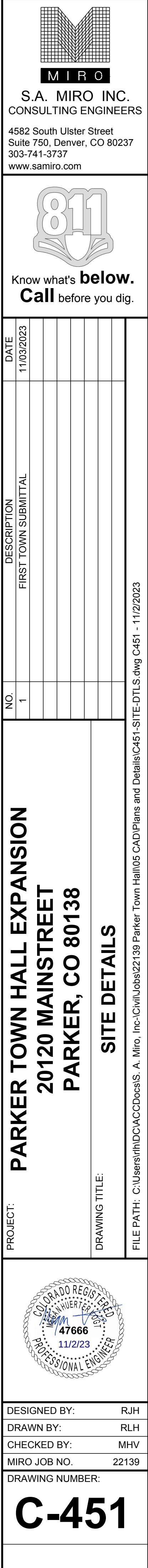
DATE NOVEMBER 2020
DETAIL 15
1 OF 4





ATTACHED SIDEWALK STANDARD DETAIL

DATE NOVEMBER 2020
DETAIL 4
2 OF 2



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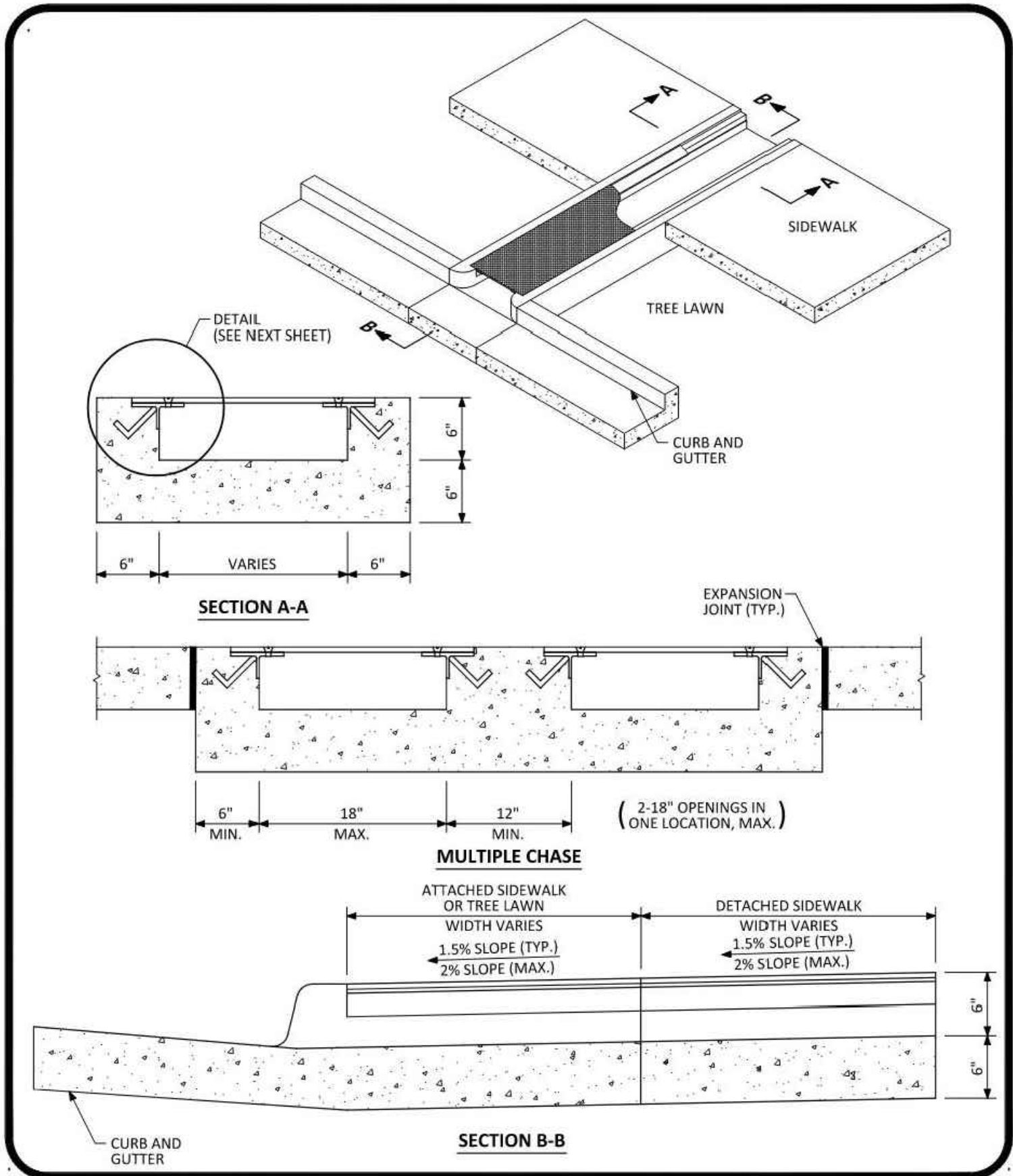
DATE	DESCRIPTION	NO.
11/03/2023	FIRST TOWN SUBMITTAL	1

PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138
SITE DETAILS



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER: C-451

FILE PATH: C:\Users\rhDOACC\Documents\S. A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C451-SITE-DTLs.dwg C451 - 11/2/2023

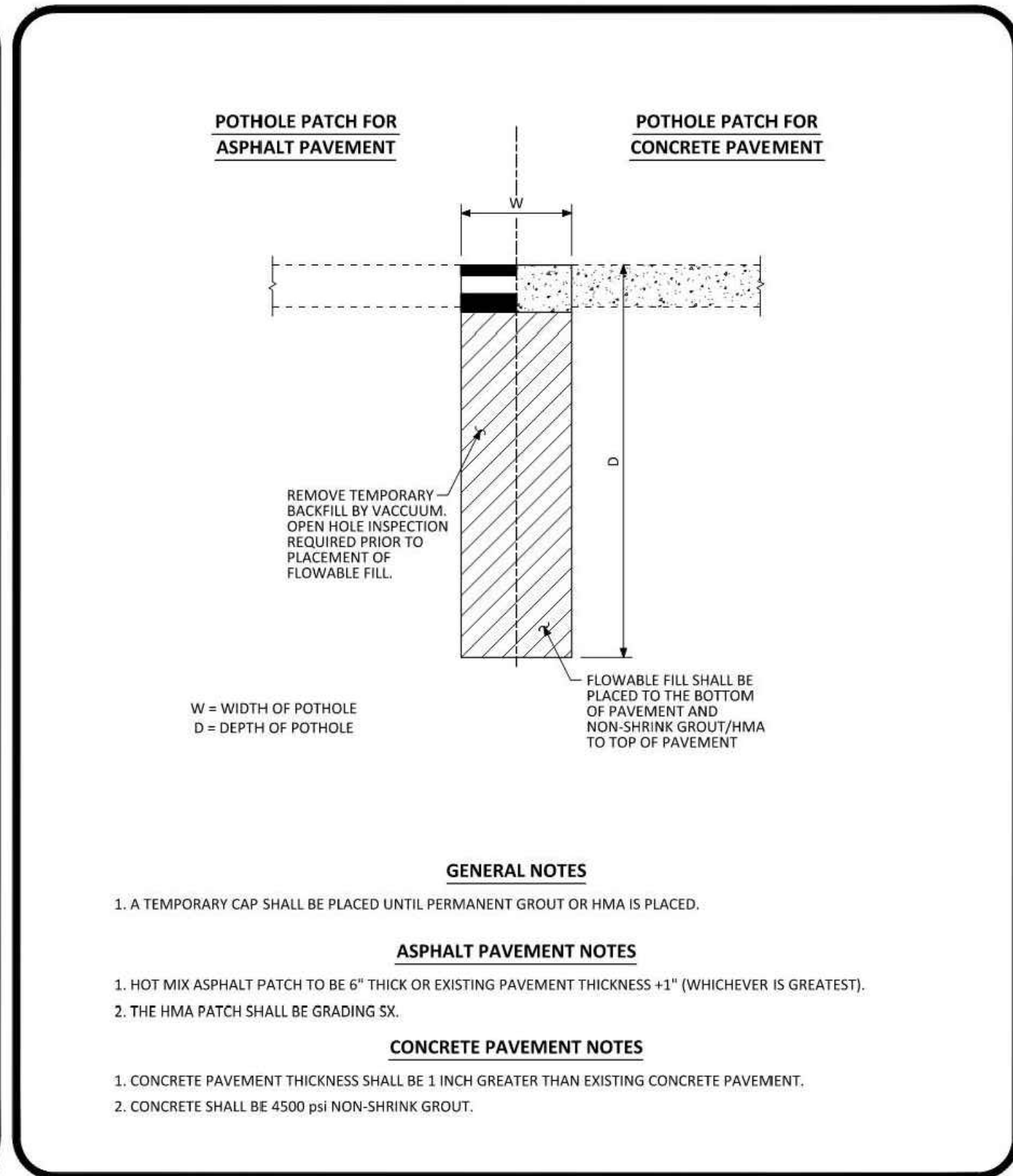




**CURB CHASE DRAIN
(NON-RESIDENTIAL) LAYOUT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
29
1 OF 2

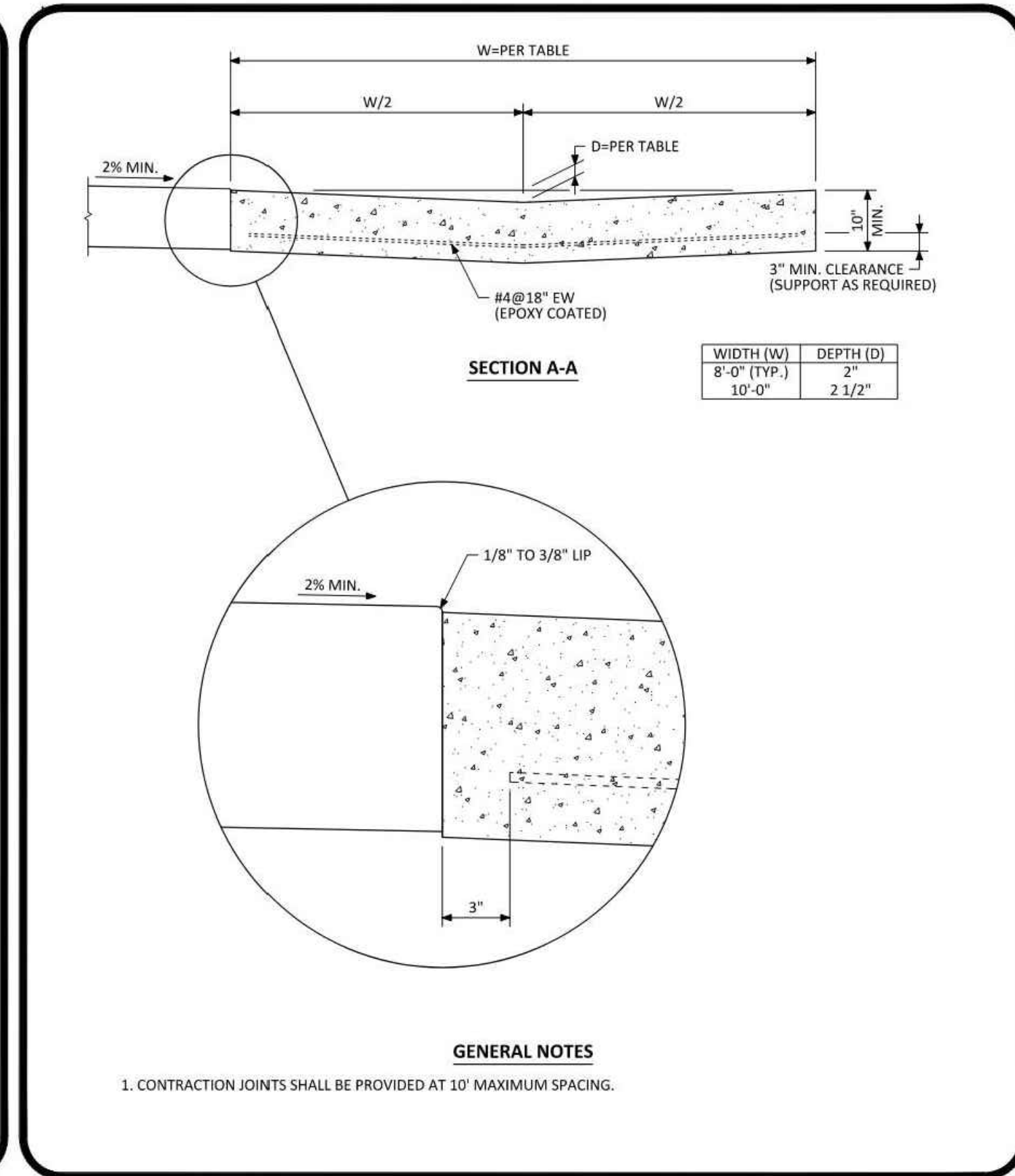




**TEST HOLE
RESTORATION
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
25
2 OF 2

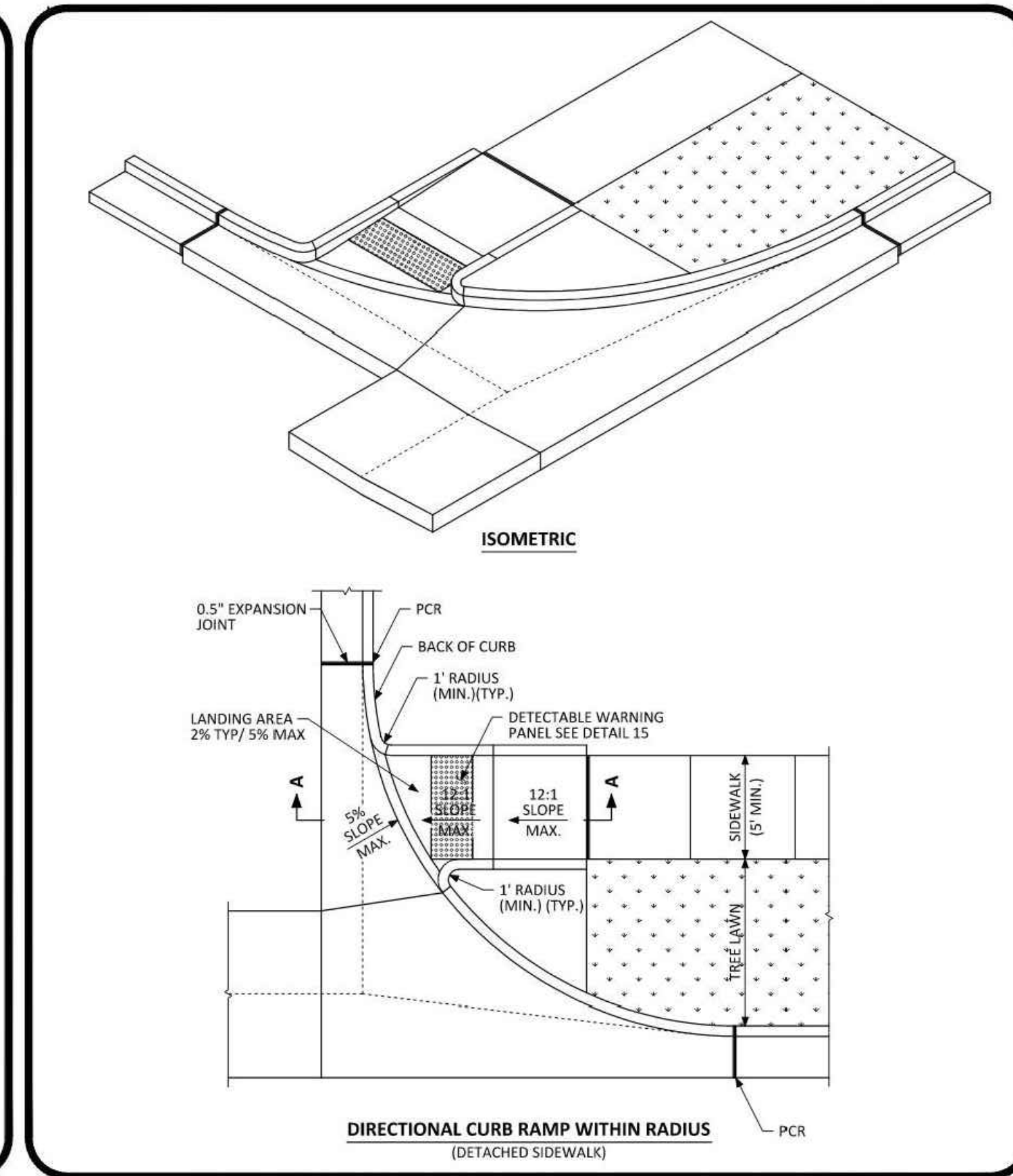




**INTERSECTION
CROSS PAN LAYOUT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
19
1 OF 2

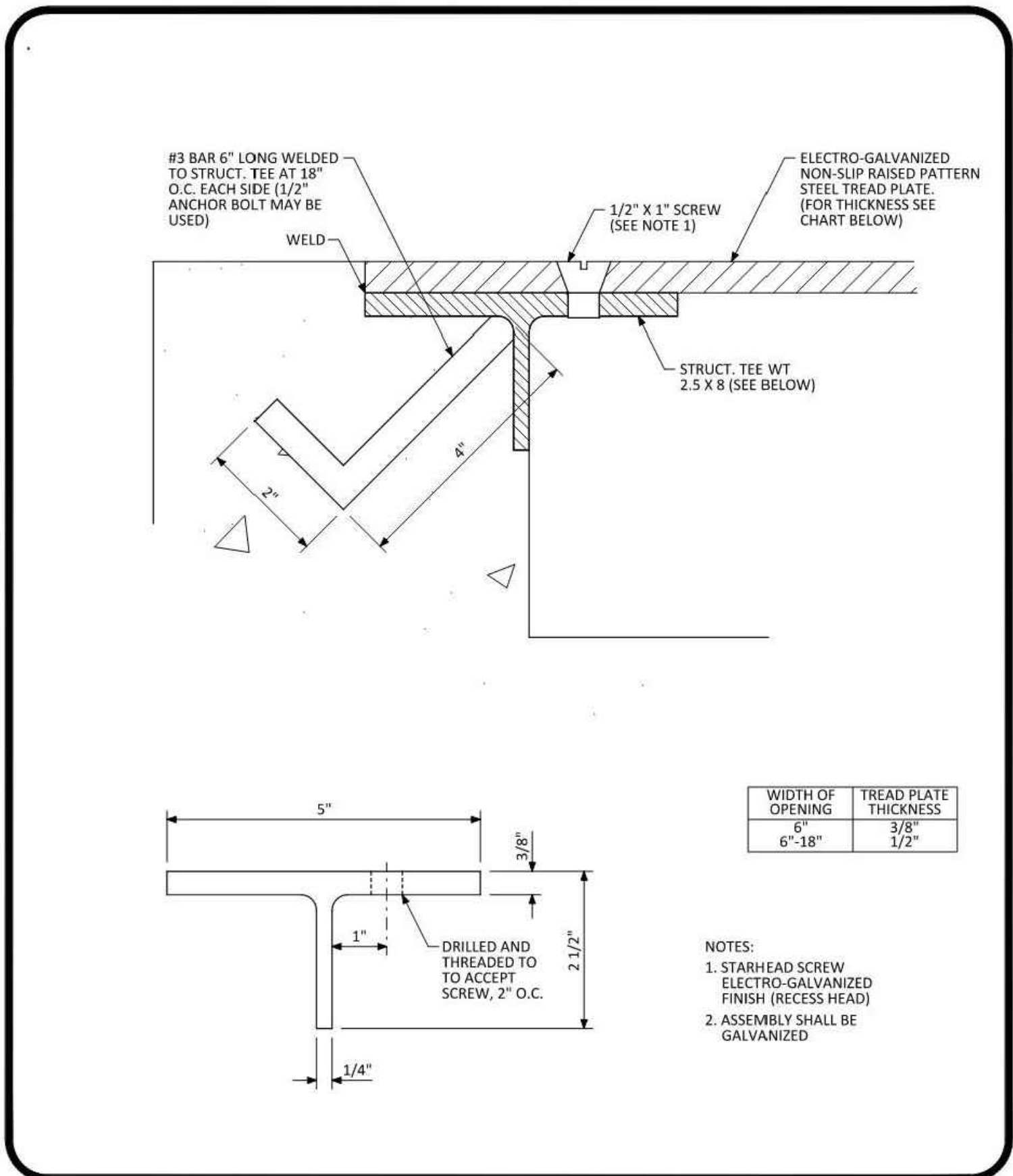




**DIRECTIONAL CURB RAMP
WITHIN RADIUS LAYOUT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
18
2 OF 2

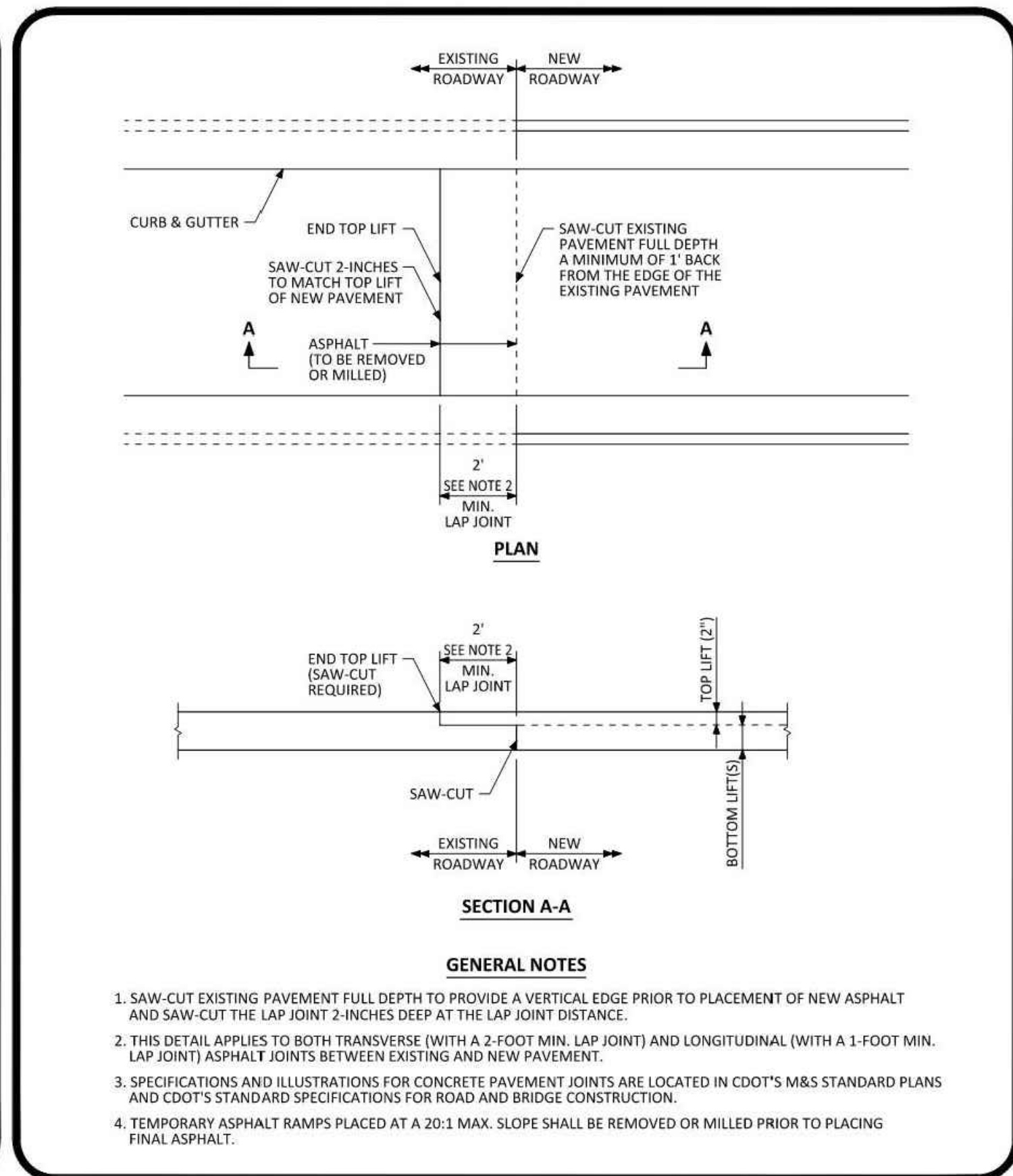




**CURB CHASE DRAIN
(NON-RESIDENTIAL) LAYOUT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
29
2 OF 2

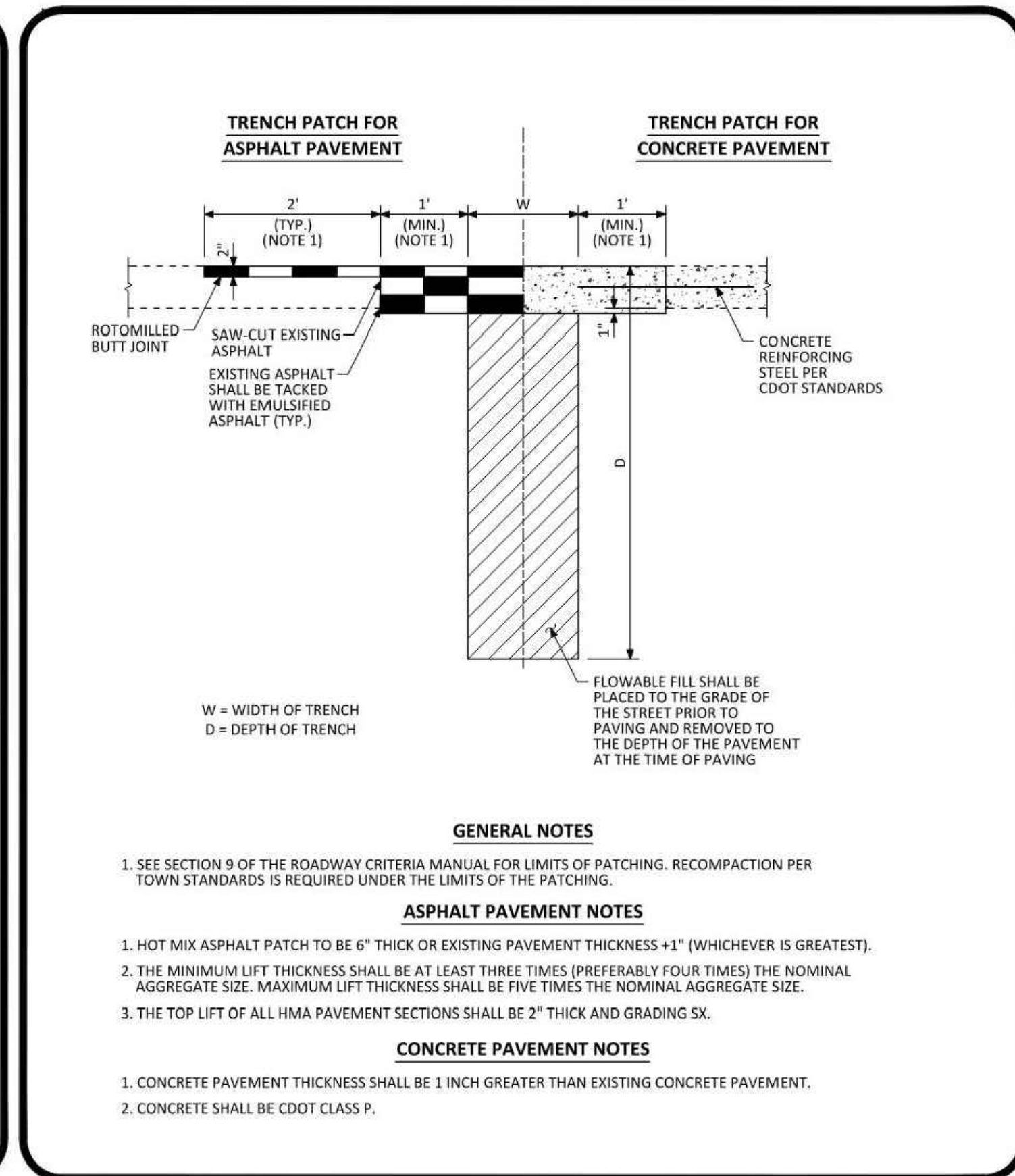




**ASPHALT CONNECTION BETWEEN
EXISTING AND NEW PAVEMENT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
26
1 OF 1

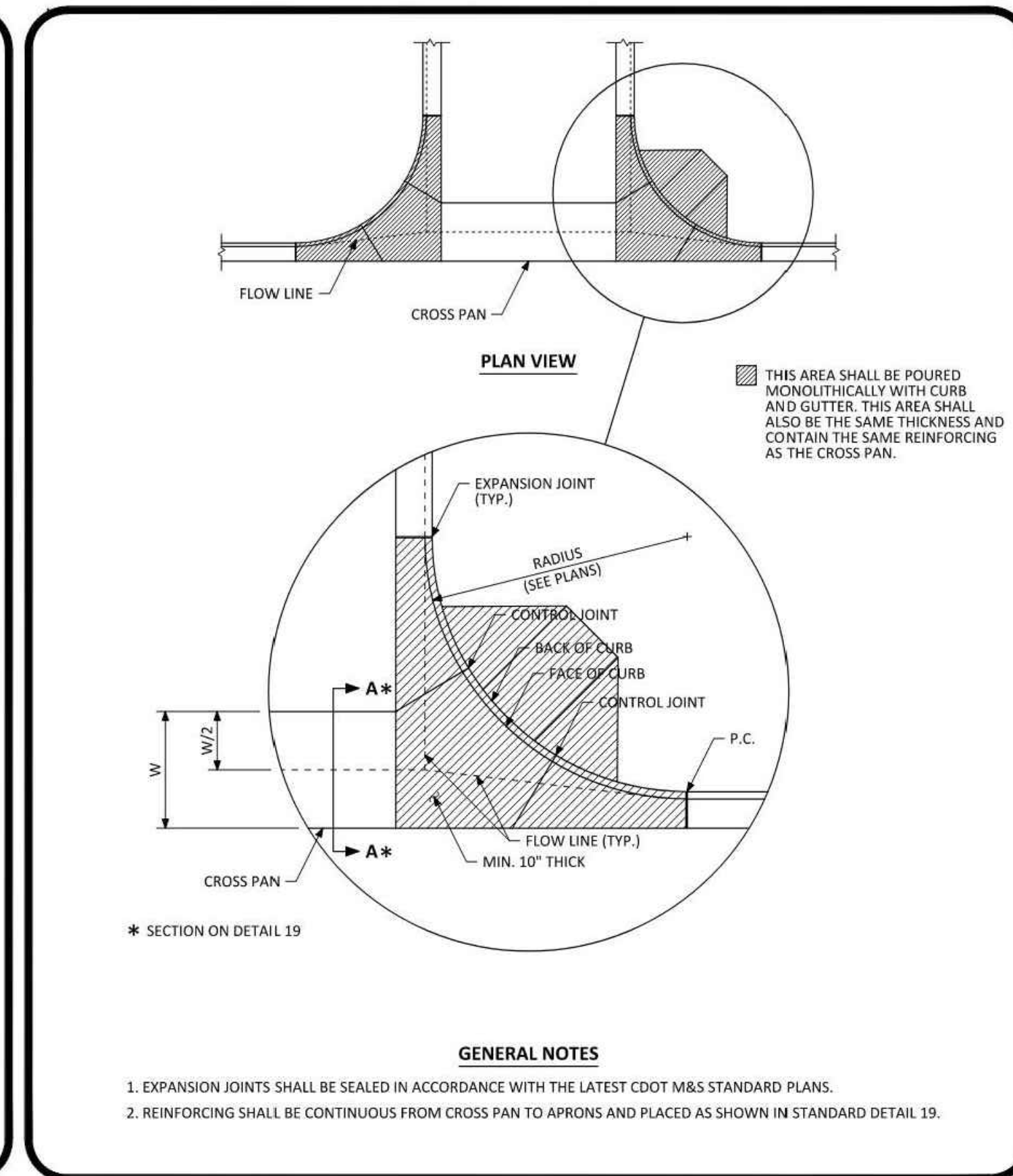




**MINIMUM STREET
PATCH DETERMINATION
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
25
1 OF 2

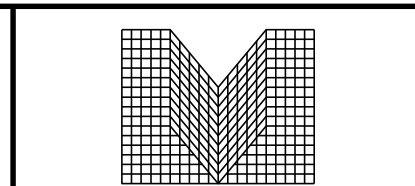




**INTERSECTION
CROSS PAN LAYOUT
STANDARD DETAIL**

DATE
NOVEMBER
2020

DETAIL
19
2 OF 2



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11/03/2023	FIRST TOWN SUBMITTAL	1

**PARKER TOWN HALL EXPANSION
20120 MAIN STREET
PARKER, CO 80138**

SITE DETAILS

PROJECT:

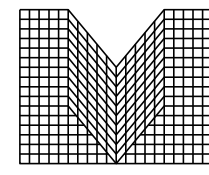
DRAWING TITLE:



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139
DRAWING NUMBER:

C-452

FILE PATH: C:\Users\rh\OneDrive\Documents\S.A. Miro, Inc.\Civil\Jobs\22139 Parker Town Hall\05 CAD\Plans and Details\C451-SITE-DTLs.dwg C452 - 11/2/2023



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DESCRIPTION	FIRST TOWN SUBMITTAL
NO.	1

PARKER TOWN HALL EXPANSION
20120 MAINSTREET
PARKER, CO 80138

SITE DETAILS

PROJECT:

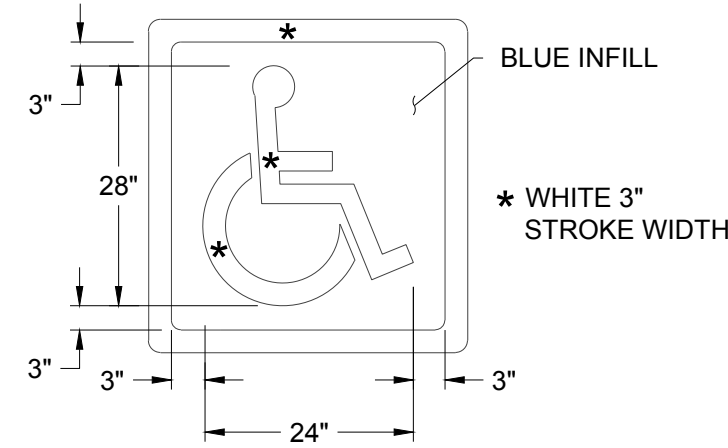
DRAWING TITLE:



DESIGNED BY: RJH
DRAWN BY: RLH
CHECKED BY: MHV
MIRO JOB NO. 22139

DRAWING NUMBER:

C-453

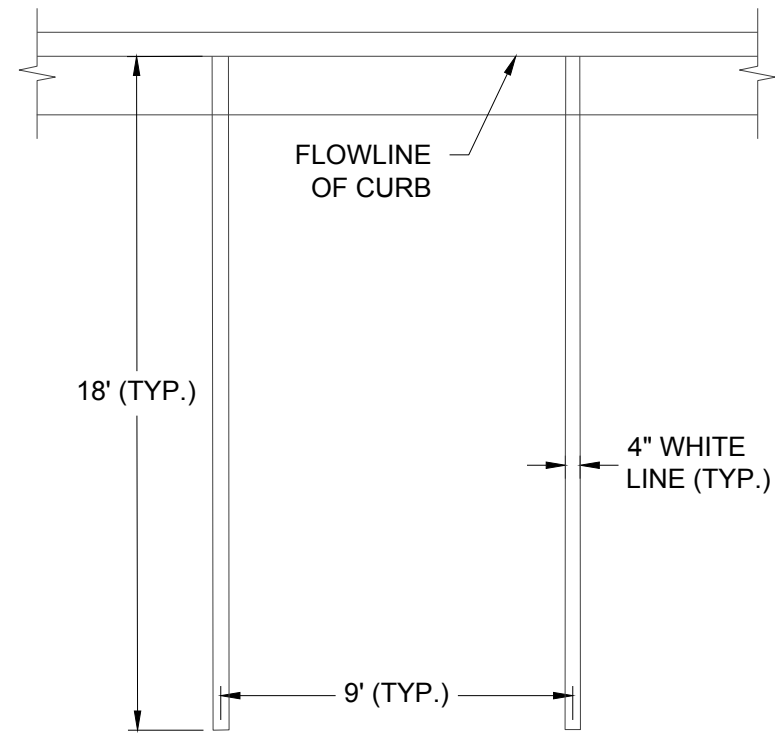


ACCESSIBLE STALL

NOTES:

- WHITE PAINT OR THERMOPLASTIC MARKINGS SHALL BE USED UNLESS OTHERWISE SPECIFIED BY AUTHORITY HAVING JURISDICTION. ALSO COMPARE AGAINST PROJECT SPECIFIC CIVIL SPECS TO ENSURE THEY MATCH.

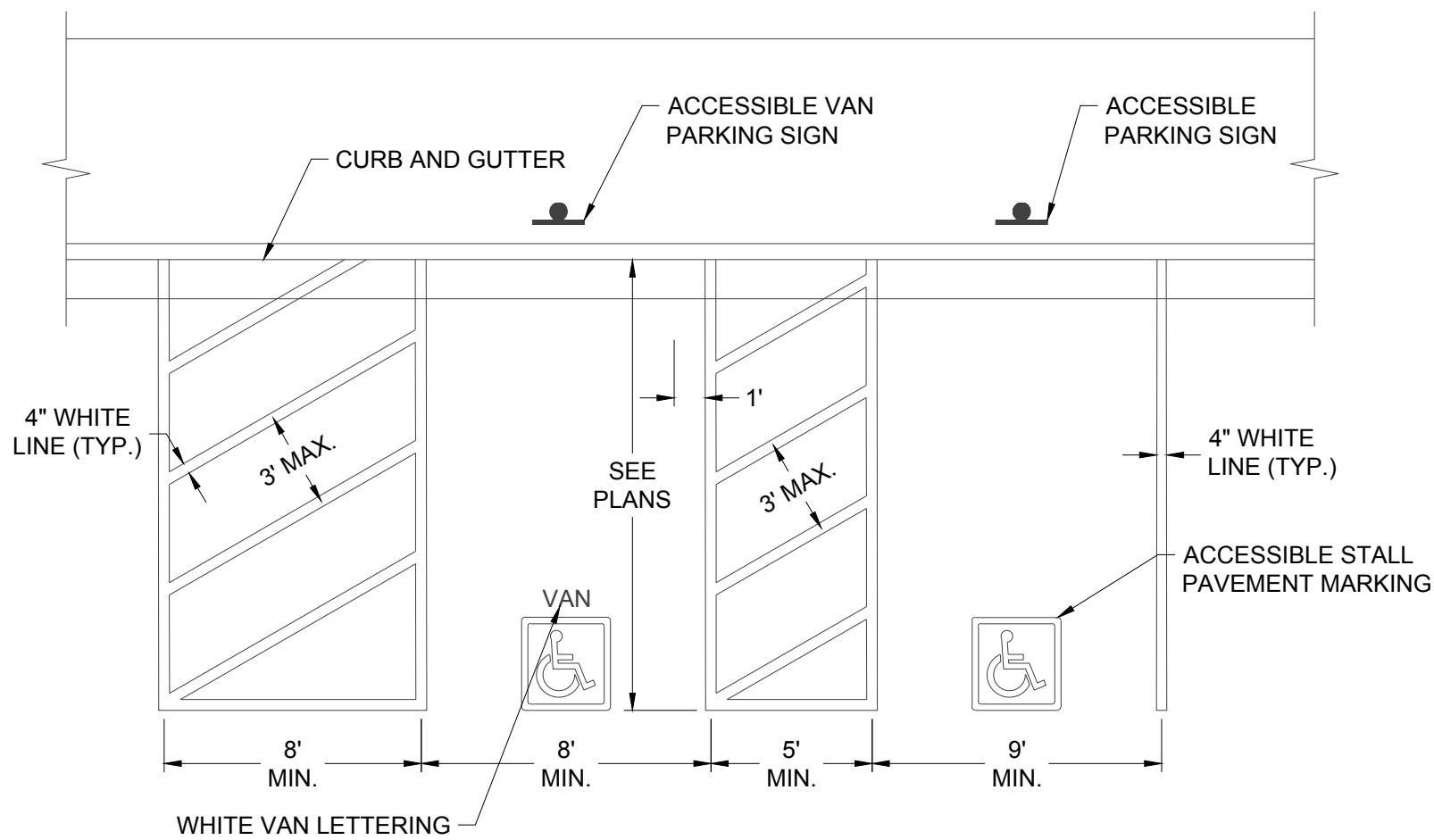
6 PAVEMENT MARKINGS DETAIL NO SCALE



NOTES:

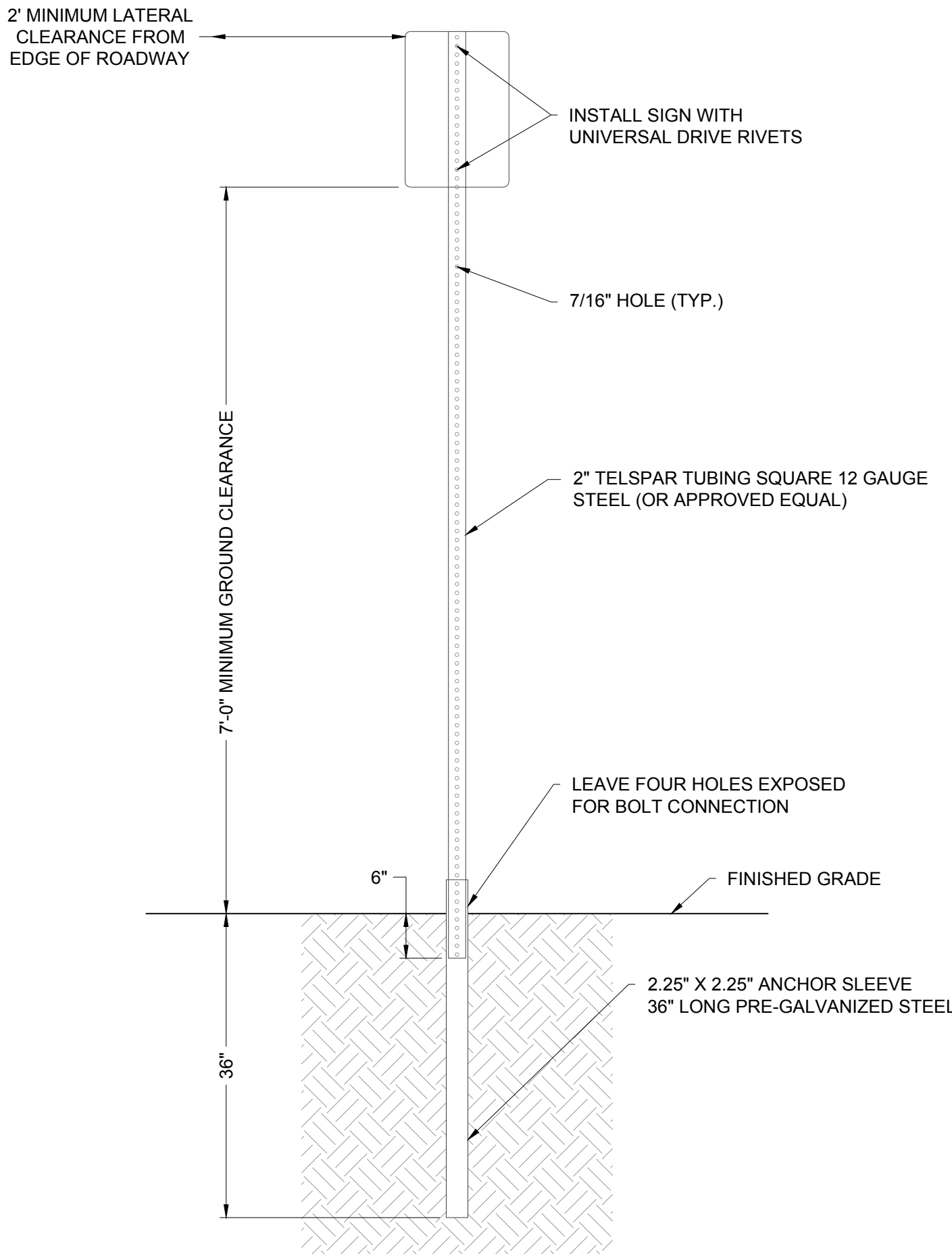
- PARKING STALLS ADJACENT TO LANDSCAPE ISLANDS SHALL BE MINIMUM OF 10' IN WIDTH.

7 TYPICAL PARKING STALL DETAIL NO SCALE



NOTE:
THE ACCESSIBLE STALLS AND ASSOCIATED AISLES SHALL BE SLOPED AT A MAXIMUM OF 2% IN ANY DIRECTION.
REFER TO GRADING PLANS FOR SPECIFIC ELEVATIONS AND CONTACT THE ENGINEER IF THERE ARE ANY CONCERNS

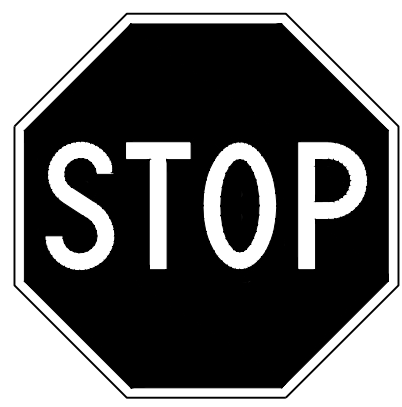
8 TYPICAL ACCESSIBLE STALLS DETAIL NO SCALE



NOTES:

- SIGN POST INSTALLATION SHALL FOLLOW THE MANUFACTURE'S SPECIFICATIONS.
- ALL TUBING SHALL BE #12 U.S. STANDARD GAUGE WALL THICKNESS.
- SIGN AND POST SHALL BE PLUMB AND FREE OF VERTICAL AND LATERAL MOVEMENT.
- SIGN SHALL BE PARALLEL TO FLOWLINE FOR PARKING STALL INSTALLATION AND 90° FOR ROADWAY INSTALLATION.
- DRIVE ANCHOR POST INTO THE GROUND TOGETHER, LEAVING FOUR HOLES EXPOSED FOR BOLT CONNECTION. FOR HAND INSTALLATION, DRIVE CAP OF PROPER SIZE SHALL BE USED TO PREVENT DAMAGE TO TUBING. SIDEWALK SHALL BE POURED AROUND A PVC SLEEVE. EXISTING SIDEWALK SHALL BE CORE DRILLED FOR A MINIMUM OF A 4" PVC SLEEVE.
- INSERT SIGN POST INTO ANCHOR SLEEVE APPROXIMATELY 6" AND BOLT IN PLACE.
- A 10' POST WILL WORK FOR SIGNS OF 30" OR LESS. ANY SIGNS LARGER WILL REQUIRE A 11' OR 12' POST DEPENDING ON SIGN SIZE TO MAINTAIN 7' OF GROUND CLEARANCE.

4 SIGN SUPPORT DETAIL NO SCALE



SS
MUTCD R1-1
30"X30"

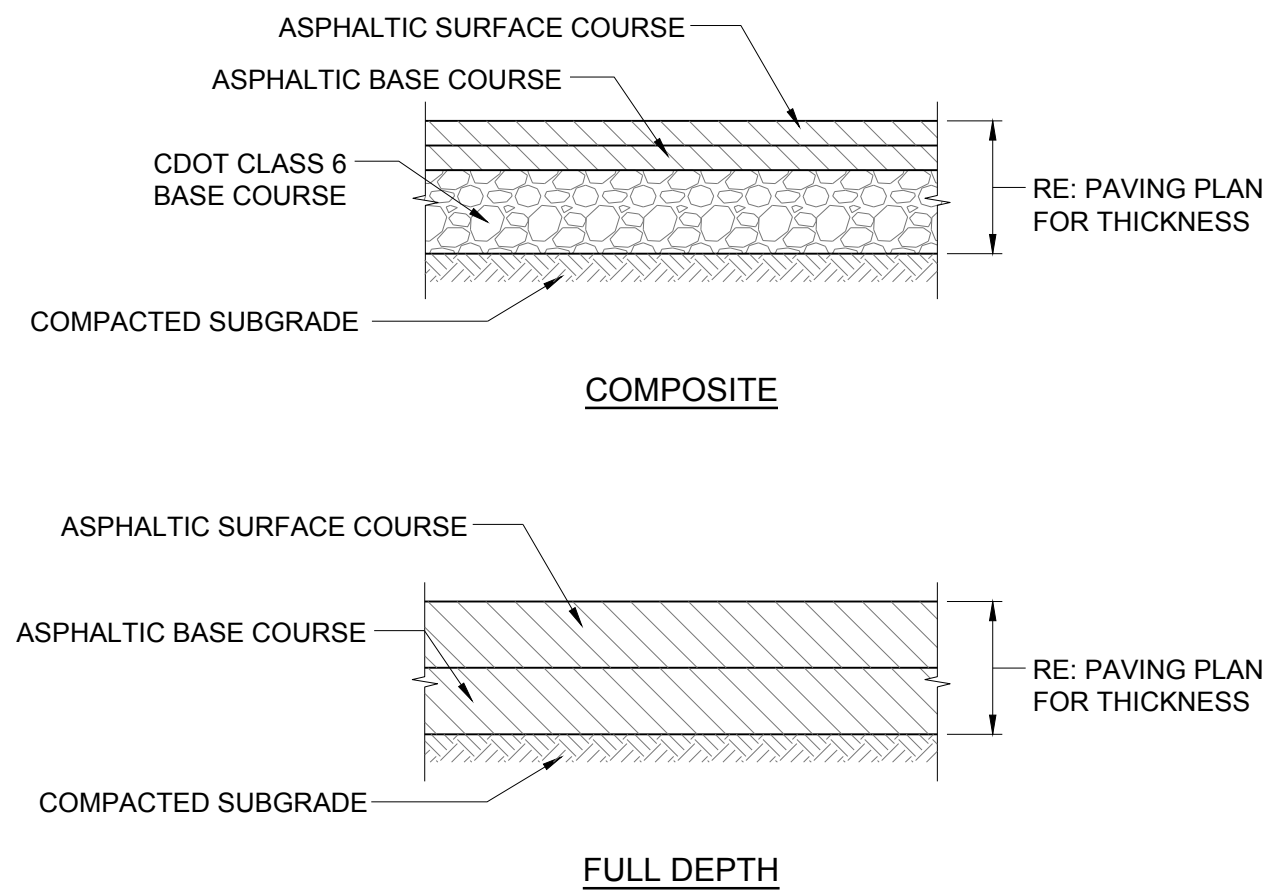


HC
MUTCD R7-8
12"X18"

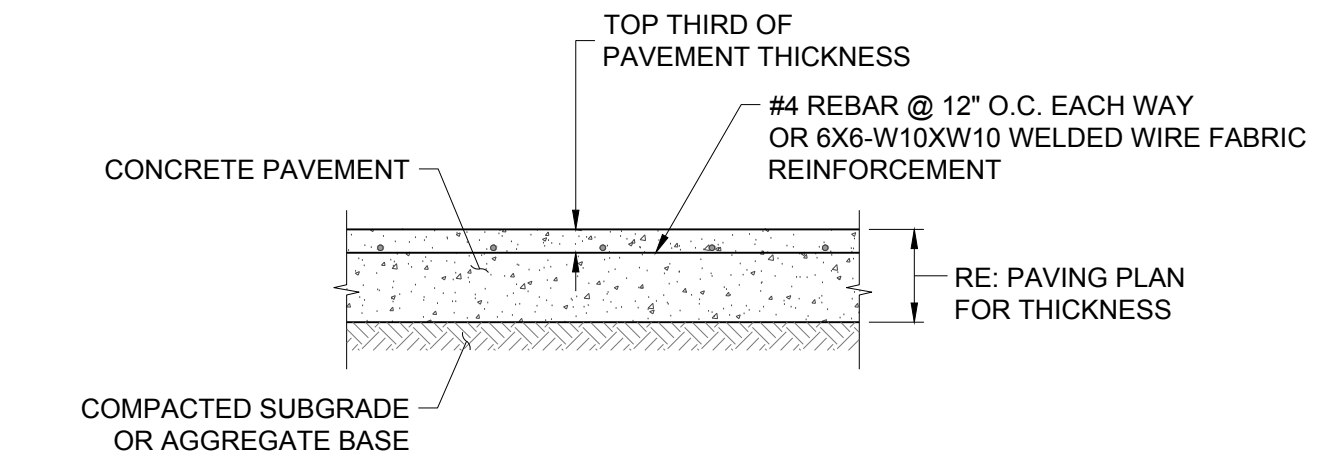


HCV
MUTCD R7-8A
12"X18"

5 SIGN DETAILS NO SCALE

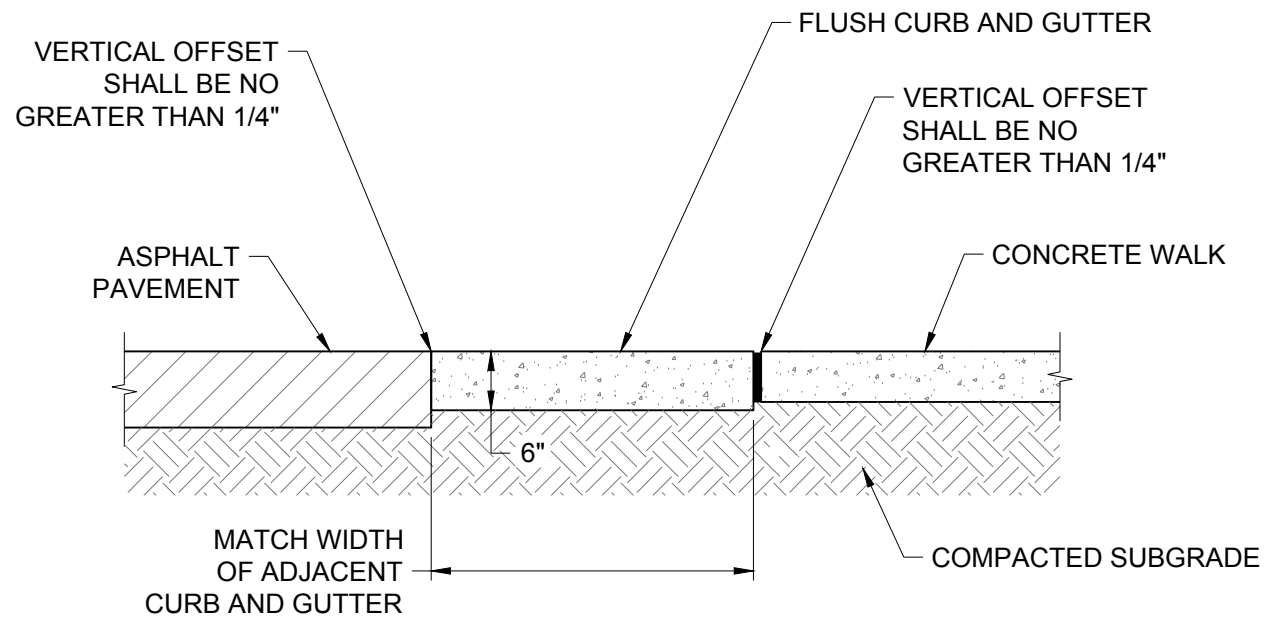


A ASPHALT PAVEMENT SECTIONS NO SCALE

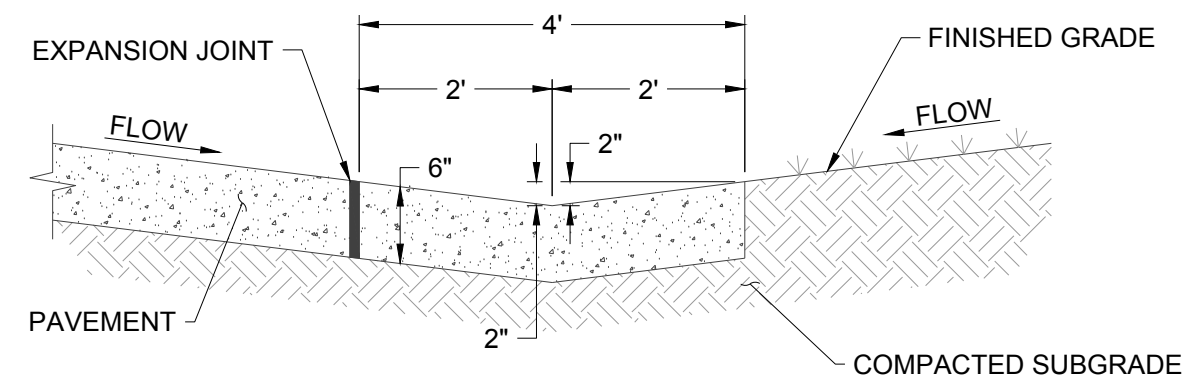


B CONCRETE PAVEMENT SECTION NO SCALE

1 PAVEMENT SECTIONS NO SCALE



2 FLUSH CURB AND GUTTER DETAIL NO SCALE



3 4' CONCRETE PAN DETAIL NO SCALE

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