

FINAL SITE DEVELOPMENT PLANS

FOR

ARBY'S

4456 VENETUCCI BOULEVARD
COLORADO SPRINGS, COLORADO 80906

PROPERTY OWNER ACKNOWLEDGEMENT

PROPERTY OWNER ACKNOWLEDGEMENT
UTW ACADEMY DEVELOPMENT LLC, BEING THE OWNER(S) OF THE LAND DESCRIBED HEREIN HAVE CAUSED SAID LAND TO BE SITE PLANNED UNDER THE NAME OF "ARBY'S". ALL CONDITIONS, TERMS, AND SPECIFICATIONS DESIGNATED OR DESCRIBED ON THIS DOCUMENT SHALL BE BINDING ON THE OWNERS, THEIR HEIRS, SUCCESSORS AND ASSIGNS.

NO CHANGES MAY BE MADE TO THIS SITE DEVELOPMENT PLAN WITHOUT CITY APPROVAL. MINOR CHANGES TO THE SITE DEVELOPMENT PLAN MAY BE APPROVED ADMINISTRATIVELY BY THE CITY PLANNING DEPARTMENT. MAJOR CHANGES TO THIS SITE DEVELOPMENT PLAN, ESPECIALLY DELETIONS OF APPROVED ITEMS OR SUBSTANTIAL CHANGES IN BUILDING LOCATION SHALL BE SUBJECT TO THE SAME APPLICATION, REVIEW AND APPEAL PROCESSES APPLICABLE TO THE ORIGINAL SITE DEVELOPMENT PLAN. ENGINEERING, GRADING, AND CONSTRUCTION PLANS ARE NOT PART OF THIS APPROVAL.

IN WITNESS WHEREOF, WE HAVE HEREUNTO SET OUR HANDS AND SEALS THIS _____ DAY OF _____, 20__.

UTW ACADEMY DEVELOPMENT LLC

NOTARY CERTIFICATE
(STATE OF COLORADO)
JSS
COUNTY OF EL PASO)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 20__ BY _____ (NAME AND TITLE)

MY COMMISSION EXPIRES: _____

ADDRESS OF NOTARY: _____

NOTARY PUBLIC

LEGAL DESCRIPTION

LOT 2 AS PLATTED IN SOUTH ACADEMY HIGHLANDS FILING NO. 4 RECORDED UNDER RECEPTION NO. 14970, RECORDS OF EL PASO COUNTY COLORADO.

CONTAINING A CALCULATED AREA OF 67,464 SQUARE FEET (1.549 ACRES).

STANDARD GUIDELINES / CONSTRUCTION SPECIFICATION NOTES

1. ALL WORK WITHIN PUBLIC R.O.W SHALL BE PER CITY OF FOUNTAIN CONSTRUCTION STANDARDS AND SPECIFICATIONS.
2. ALL WORK FOR WATER SERVICE, FIRE SERVICE, AND FIRE HYDRANT ASSEMBLIES SHALL BE PER CITY OF FOUNTAIN STANDARD SPECIFICATIONS.
3. ALL WASTEWATER WORK SHALL BE PER STRATMOOR HILLS STANDARDS AND SPECIFICATIONS.
4. SEE SOIL PREPARATION NOTE FOR SOIL RECOMMENDATIONS.
5. REFERENCE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, FOR ADDITIONAL INFORMATION.

BASIS OF BEARING

THE SOUTHERLY LINE OF LOT 8, SOUTH ACADEMY HIGHLANDS FILING NO. 1, AS RECORDED UNDER RECEPTION NUMBER 214713425, RECORDS OF EL PASO COUNTY, COLORADO, BEING MONUMENTED ON THE WESTERLY END BY ORANGE PLASTIC SURVEYORS CAP STAMPED "PLS 38899" AND AT THE EASTERLY END BY A 2" ALUMINUM DISK STAMPED "PLS 38318", BEING PLATTED AS N89°56'03"E, A DISTANCE OF 256.36 FEET.

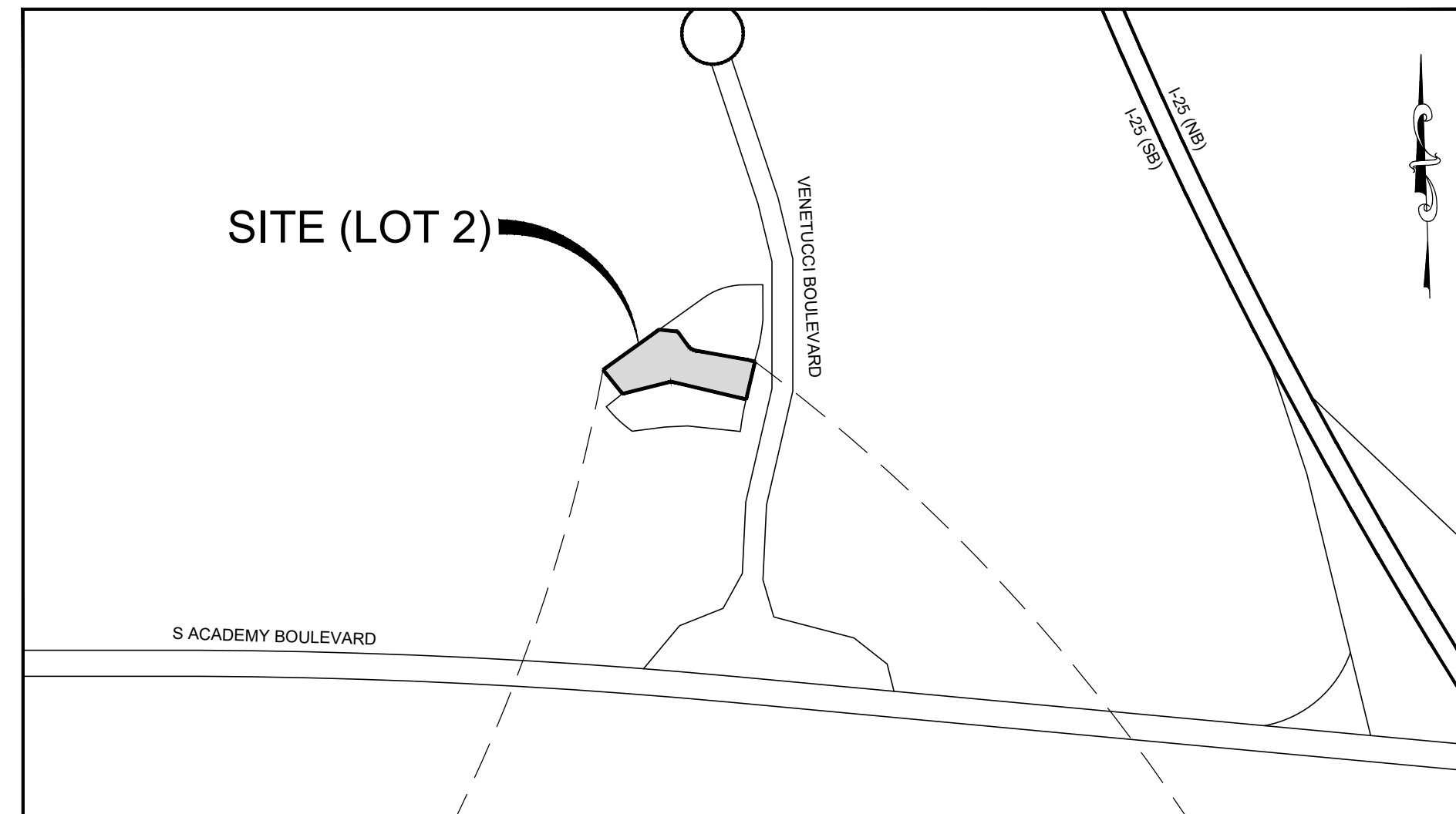
FLOODPLAIN STATEMENT

THIS PROPERTY IS NOT WITHIN A DESIGNATED FEMA FLOODPLAIN, AS DETERMINED BY THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 08041C0743G, EFFECTIVE DATE DECEMBER 12, 2018

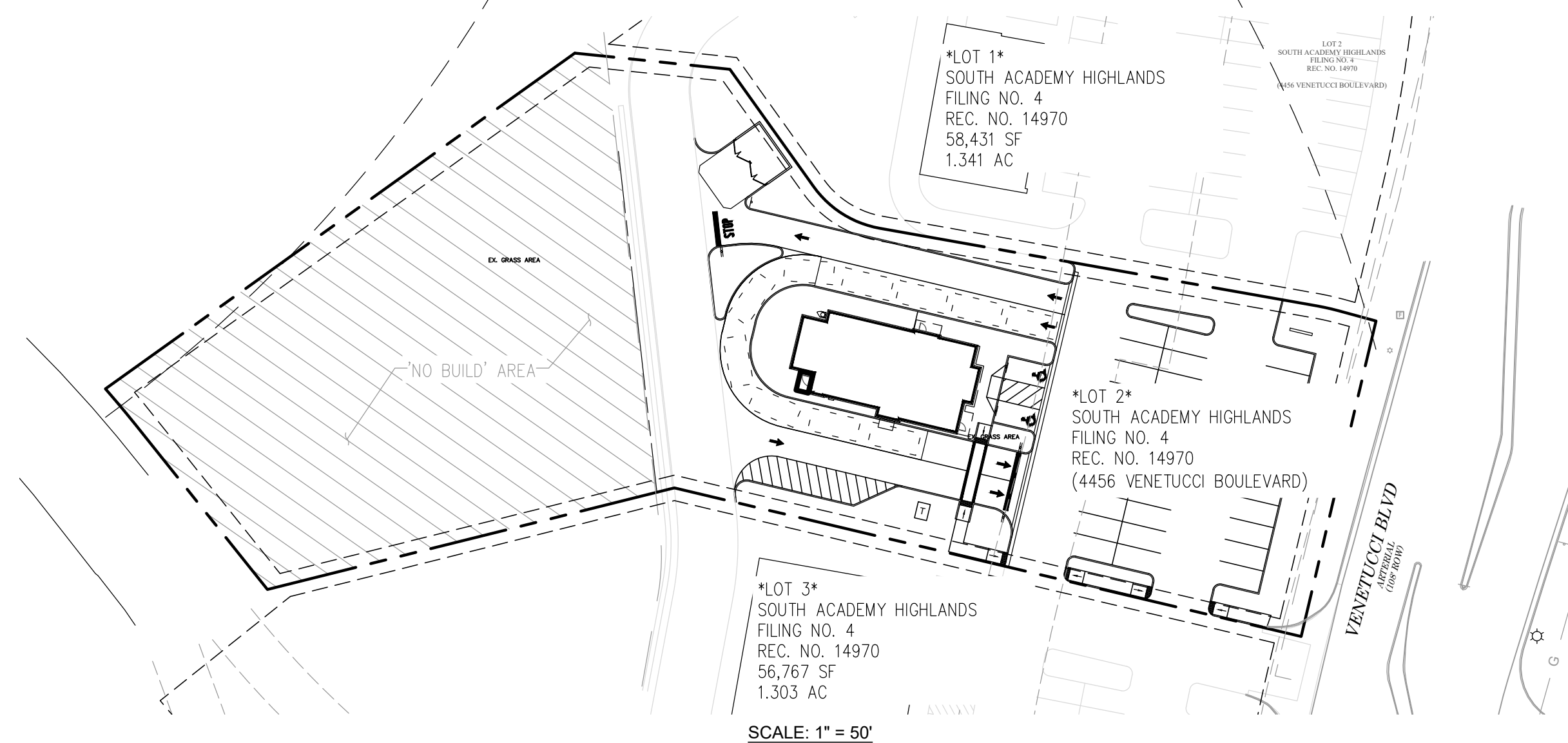
CITY OF FOUNTAIN ACCEPTANCE

THE PLANS OR REPORT SUBMITTED APPEAR TO BE IN CONFORMANCE WITH THE CITY OF FOUNTAIN SUBMITTAL REQUIREMENTS AND STANDARD ENGINEERING PRINCIPALS AND PRACTICES APPEAR TO HAVE BEEN FOLLOWED. THE PROFESSIONAL ENGINEER SUBMITTING AND SEALING THE PLANS OR REPORT IS SOLELY RESPONSIBLE FOR THEIR ACCURACY AND VALIDITY. THIS REVIEW IS ONLY VALID FOR ONE (1) YEAR FROM THE DATE BELOW.

BENJAMIN E. SHEETS, P.E. _____ DATE _____
CITY ENGINEER



LOCATION MAP
1" = 500'



Bowman

Certificate of Authorization License No. 30462

13450 W. Sunrise Boulevard
Suite 320
Sunrise, FL 33323
Phone: (954) 314-8480

www.bowman.com
© Bowman Consulting Group, Ltd.

PROJECT CONTACTS

OWNER INFORMATION

UTW ACADEMY DEVELOPMENT LLC
116 METROPOLITAN SQ., SUITE 3000
ST LOUIS, MO 63102

APPLICANT

R8 COLORADO LLC
1900 W LITTLETON BLVD.
LITTLETON, CO 80120

DEVELOPER

FLYNN RESTAURANT GROUP
6200 OAK TREE BLVD, SUITE 250
INDEPENDENCE, OH 44131
(330) 348-1487
CONTACT: STEVEN KREKUS

CIVIL ENGINEER

BOWMAN CONSULTING
13450 W. SUNRISE BLVD., SUITE 320
SUNRISE, FL 33323
(954) 314-8480
CONTACT: SANDRA ZUMPANO

ARCHITECT

WHITE DESIGN GROUP, P.C.
5801 E. 41ST STREET, SUITE 712
TULSA, OKLAHOMA 74135
CONTACT: CHRIS WHITE, AIA

SURVEYOR

EDWARD JAMES SURVEYING, INC
926 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
(719) 576-1216
CONTACT: JONATHAN TESSIN

PHOTOMETRIC CONSULTANT

PREMIERE LIGHTING & CONTROLS
401 SE FLEETWAY DRIVE
LEE'S SUMMIT, MO 64081
(913) 541-8239

LANDSCAPE ARCHITECT

EVERGREEN DESIGN GROUP
15305 DALLAS PKWY., SUITE 300
ADDISON, TX 75001
(800) 680-6630

GEOTECHNICAL ENGINEER

TERRACON CONSULTANTS INC.
10625 W. 170 FRONTAGE RD N, SUITE 3
WHEAT RIDGE, CO 80033
(303) 423-3300

ENGINEERING / STORM SEWER

CITY OF FOUNTAIN - ENGINEERING SERVICES
116 SOUTH MAIN STREET
FOUNTAIN, CO 80817
(719) 383-4930
CONTACT: CARL SPENGLER

PLANNING / SIGNAGE

CITY OF FOUNTAIN - PLANNING &
ZONING DEPARTMENT
116 SOUTH MAIN STREET
FOUNTAIN, CO 80817
(719) 322-2017
CONTACT: JORDAN OTT

BUILDING DEPARTMENT

PIKES PEAK REGIONAL BUILDING
DEPARTMENT
2888 INTERNATIONAL CIRCLE
COLORADO SPRINGS, CO 80910
(719) 327-2927
CONTACT: JANE CASSIDY

NATURAL GAS PROVIDER

COLORADO SPRINGS UTILITIES
111 S. CASCADE AVE
COLORADO SPRINGS, CO 80903
(719) 448-4808

WATER DEPARTMENT

STRATMOOR HILLS WATER
1811 B ST.
COLORADO SPRINGS, CO 80906
(719) 576-0311

ELECTRIC PROVIDER

COLORADO SPRINGS UTILITIES
111 S. CASCADE AVE
COLORADO SPRINGS, CO 80903
(719) 448-4808

SANITARY SEWER

STRATMOOR HILLS WATER
1811 B ST.
COLORADO SPRINGS, CO 80906
(719) 576-0311

FIRE DEPARTMENT

CITY OF FOUNTAIN - FIRE DEPARTMENT
811 NORTH SANTA FE AVENUE
FOUNTAIN, CO 80817
(719) 382-7800

SITE INFORMATION

PROJECT AREA: ± 1.55 ACRES
PARCEL FOLIO NO.: 650-431-1005
PROJECT ADDRESS: 4456 VENETUCCI BOULEVARD
CURRENT ZONING: PUD (PLANNED UNIT DEVELOPMENT)
PROPOSED USE: ARBY'S

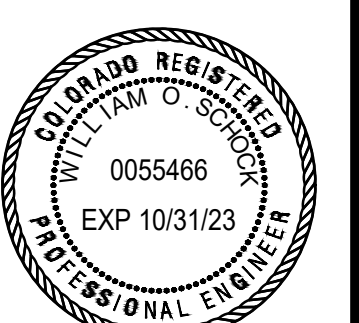
Sheet List Table	
Sheet Number	Sheet Title
C-1	COVER SHEET
C-2	GENERAL NOTES
C-3	DEMOLITION PLAN
C-4	EROSION AND SEDIMENT CONTROL - PHASE I
C-5	EROSION AND SEDIMENT CONTROL - PHASE II
C-6	EROSION AND SEDIMENT CONTROL DETAILS
C-7	SITE PLAN
C-8	GRADING AND DRAINAGE PLAN
C-8.1	GRADING AND DRAINAGE PROFILES
C-9	SITE PAVING PLAN
C-10	UTILITY PLAN
C-11	UTILITY PLAN DETAILS
C-12	UTILITY PLAN DETAILS
C-13	UTILITY PLAN DETAILS
C-14	CONSTRUCTION DETAILS
C-15	CONSTRUCTION DETAILS
C-16	CONSTRUCTION DETAILS
C-17	CONSTRUCTION DETAILS

Bowman

Certificate of Authorization License No. 30462
13450 W. Sunrise Blvd., Suite 320
Sunrise, FL 33323
www.bowman.com
Phone: (954) 314-8480
© 2021 Bowman Consulting Group Ltd

NO.	REVISION	DESCRIPTION	DATE

COVER SHEET
ARBY'S
4456 VENETUCCI BOULEVARD
FOUNTAIN, COLORADO
EL PASO COUNTY

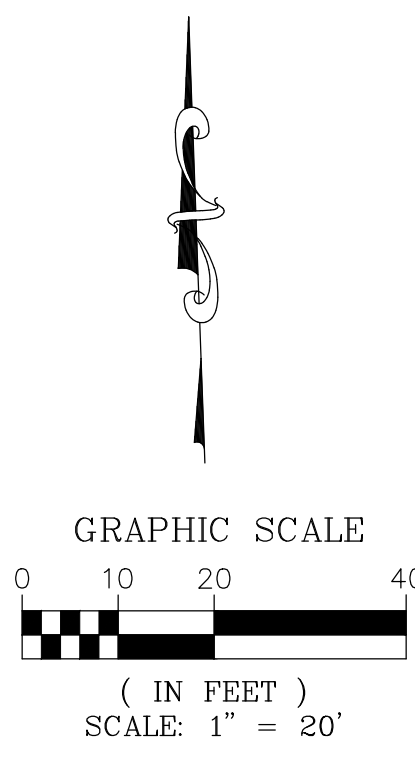


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKD
SCALE: AS SHOWN		
JOB No.: 011098-01-001		
DATE: 11/18/2022		

SHEET C-1

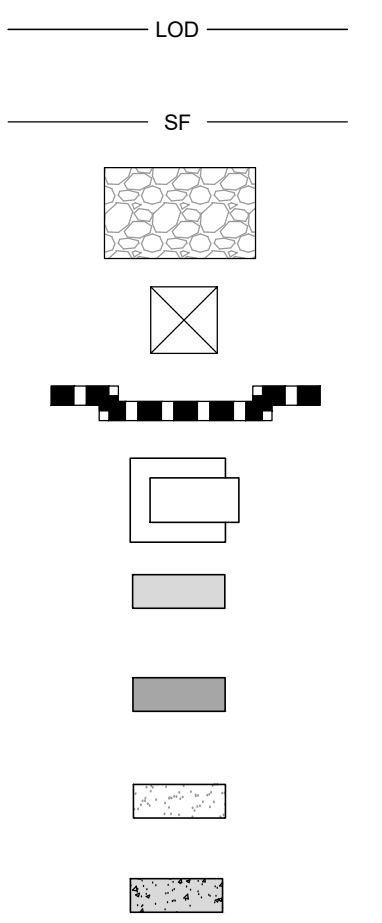
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. RELIANCE ON AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)						
Earthwork						
1,000-5,000; \$8,000 min (30,437 SF @ 24")	2,255	CY	\$ 6.00	=	\$ 13,530.00	\$ 13,530.00
Silt Fence	1,203	LF	\$ 2.60	=	\$ 3,127.80	\$ 3,127.80
Inlet Protection	9	EA	\$ 173.00	=	\$ 1,557.00	\$ 1,557.00
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00	\$ 932.00
MAINTENANCE (35% of Construction BMPs)					\$ 1,965.88	\$ 1,965.88
Section 1 Subtotal					\$ 21,112.68	\$ 21,112.68

EROSION CONTROL PLAN NOTES

- 1 LIMITS OF DISTURBANCE
- 2 SILT FENCE
- 3 STABILIZED CONSTRUCTION EXIT
- 4 FILTER SACK INLET PROTECTION
- 5 CURB INLET FILTER
- 6 CONCRETE WASHOUT PIT
- 7 LIGHT/MEDIUM DUTY CONCRETE PAVEMENT
- 8 LIGHT/MEDIUM DUTY ASPHALT PAVEMENT
- 9 4" CONCRETE SIDEWALK
- 10 HEAVY DUTY CONCRETE PAVEMENT



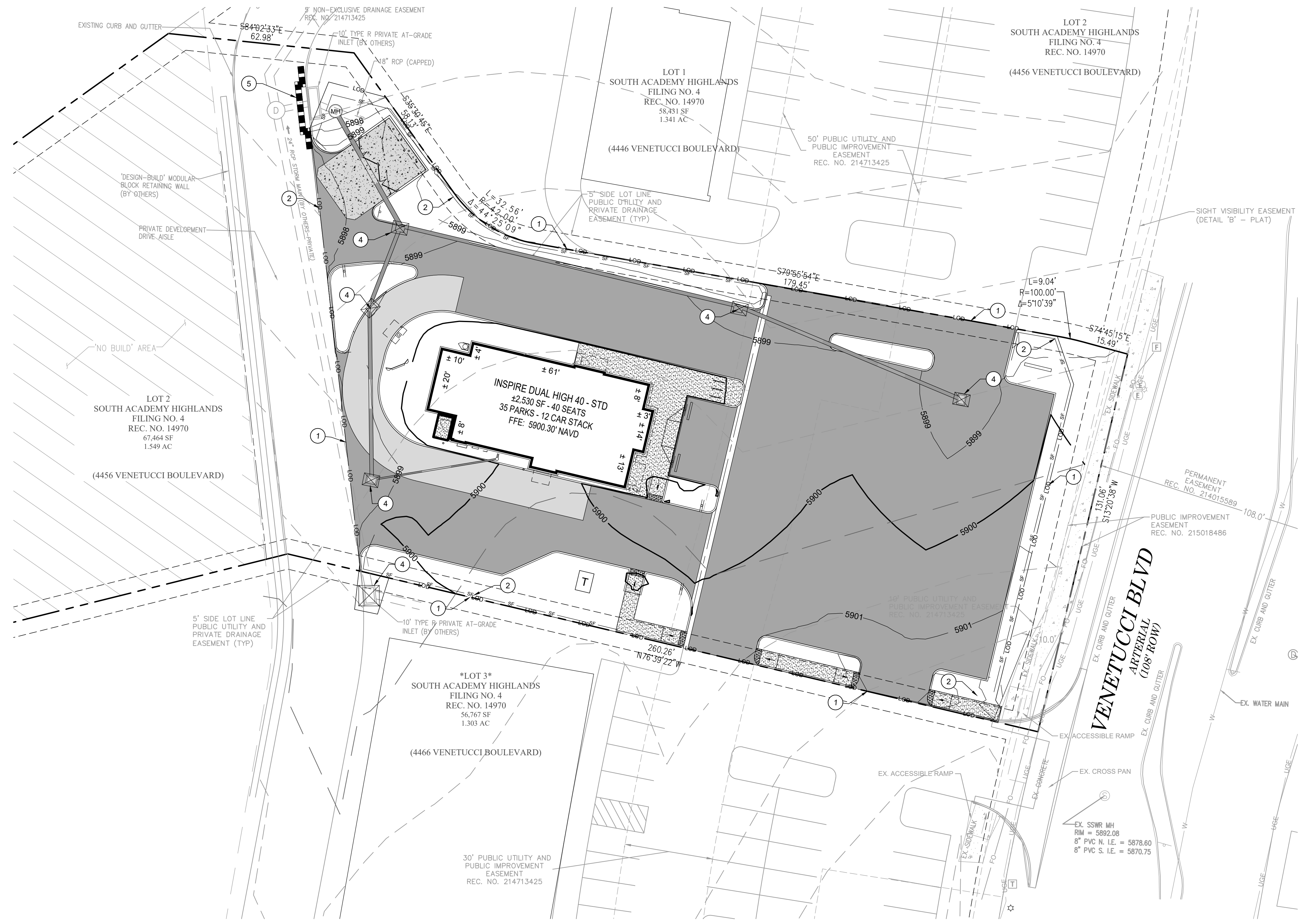
CONSTRUCTION SEQUENCE

1. CONDUCT PRE-CONSTRUCTION MEETING WITH APPROPRIATE A/HJ TO DISCUSS EROSION AND SEDIMENT CONTROLS AND CONSTRUCTION PHASING.
2. INSTALL STABILIZED CONSTRUCTION EXIT.
3. INSTALL INLET PROTECTION AND SILT FENCE ON THE SITE AS SHOWN WITHIN THE CONSTRUCTION LIMITS.
4. INSTALL CONSTRUCTION FENCES AND TEMPORARY TRAFFIC AND PEDESTRIAN CONTROL DEVICES.
5. PREPARE TEMPORARY PARKING AND STORAGE AREAS.
6. DEMO EXISTING STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
7. BEGIN GRADING THE SITE.
8. BEGIN CONSTRUCTION OF UTILITIES.
9. BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF STRUCTURES.
10. BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING.
11. COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS COMPLETED.
12. COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
13. OBTAIN CONCURRENCE FROM THE OWNER AND THE CITY THAT THE SITE HAS BEEN FULLY STABILIZED.
14. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
15. STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.

CONTRACTOR MAY COMPLETE CONSTRUCTION RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPs HAVE BEEN COMPLETELY INSTALLED.
THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY THE PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE GENERAL CONTRACTOR ON THESE PLANS.

BMP MAINTENANCE NOTES

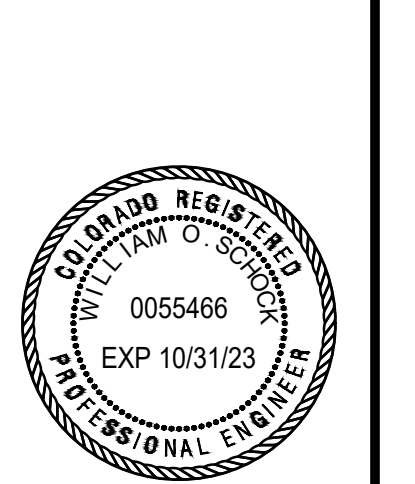
- ALL MEASURES STATED ON THESE PLANS SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OF FINAL STABILIZATION OF THE SITE. SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONSTRUCTION FDEP GENERIC PERMIT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
 2. ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND REPAIRED AS NEEDED.
 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE.
 4. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE EXIT AS CONDITIONS DEMAND.
 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN A GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS CONDITIONS DEMAND.
 6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT LEAVING THE SITE SHALL BE CLEANED IMMEDIATELY.
 7. ALL INLETS AND STORM DRAINS SHALL BE KEPT CLEAN OF DEBRIS AND SEDIMENT. ANY DEBRIS AND/OR SEDIMENT THAT ENTERS ANY INLET OR STORM DRAIN SHALL BE CLEANED IMMEDIATELY. FLUSHING SHALL NOT BE USED TO CLEAN DEBRIS AND/OR SEDIMENT FROM STORM DRAINS.



Bowman
 Certificate of Authorization License No. 30462
 13450 W. Sunrise Blvd., Suite 520
 Sunrise, FL 33323
 www.bowman.com
 Phone: (954) 318-8466
 © 2021 Bowman Consulting Group Ltd

NO.	REVISION	DESCRIPTION	DATE

EROSION AND SEDIMENT CONTROL - PHASE II
ARBY'S
 4456 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKO
SCALE: 1" = 20'		
JOB No.: 011098-01-001		
DATE: 11/18/2022		

SHEET **C-5**

CONCRETE WASHOUT STRUCTURE

VEHICLE TRACKING PAD

Computer File Information

Creation Date:	07/31/19
Designer:	JBK
Last Modification Date:	07/31/19
Detailer:	LTA
CAD Ver:	MicroStation V8

Sheet Revisions

Date	Comments

Colorado Department of Transportation

2829 West Howard Place
 3007 HD, 3rd Floor
 Denver, CO 80204
 Phone: 303-757-9021 FAX: 303-757-9868

Project Development Branch **JBK**

TEMPORARY EROSION CONTROL

STANDARD PLAN NO. M-208-1

Standard Sheet No. 1 of 11

Issued by the Project Development Branch July 31, 2019 Project Sheet Number:

STORM DRAIN INLET PROTECTION TYPES

Computer File Information

Creation Date:	07/31/19
Designer:	JBK
Last Modification Date:	07/31/19
Detailer:	LTA
CAD Ver:	MicroStation V8

Sheet Revisions

Date	Comments

Colorado Department of Transportation

2829 West Howard Place
 3007 HD, 3rd Floor
 Denver, CO 80204
 Phone: 303-757-9021 FAX: 303-757-9868

Project Development Branch **JBK**

TEMPORARY EROSION CONTROL

STANDARD PLAN NO. M-208-1

Standard Sheet No. 5 of 11

Issued by the Project Development Branch July 31, 2019 Project Sheet Number:

SILT FENCE APPLICATIONS

SILT FENCE (REINFORCED)

Computer File Information

Creation Date:	07/31/19
Designer:	JBK
Last Modification Date:	07/31/19
Detailer:	LTA
CAD Ver:	MicroStation V8

Sheet Revisions

Date	Comments

Colorado Department of Transportation

2829 West Howard Place
 3007 HD, 3rd Floor
 Denver, CO 80204
 Phone: 303-757-9021 FAX: 303-757-9868

Project Development Branch **JBK**

TEMPORARY EROSION CONTROL

STANDARD PLAN NO. M-208-1

Standard Sheet No. 8 of 11

Issued by the Project Development Branch July 31, 2019 Project Sheet Number:

SEDIMENT TRAP

Computer File Information

Creation Date:	07/31/19
Designer:	JBK
Last Modification Date:	07/31/19
Detailer:	LTA
CAD Ver:	MicroStation V8

Sheet Revisions

Date	Comments

Colorado Department of Transportation

2829 West Howard Place
 3007 HD, 3rd Floor
 Denver, CO 80204
 Phone: 303-757-9021 FAX: 303-757-9868

Project Development Branch **JBK**

TEMPORARY EROSION CONTROL

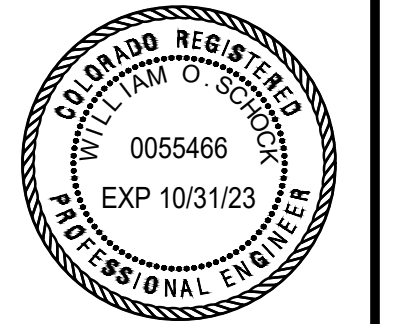
STANDARD PLAN NO. M-208-1

Standard Sheet No. 9 of 11

Issued by the Project Development Branch July 31, 2019 Project Sheet Number:

NO.	REVISION	DATE

EROSION AND SEDIMENT CONTROL DETAILS
ARBYS
 4456 VENETUCCI BOULEVARD
 EL PASO COUNTY
 FOUNTAIN, COLORADO



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	

SHEET **C-6**

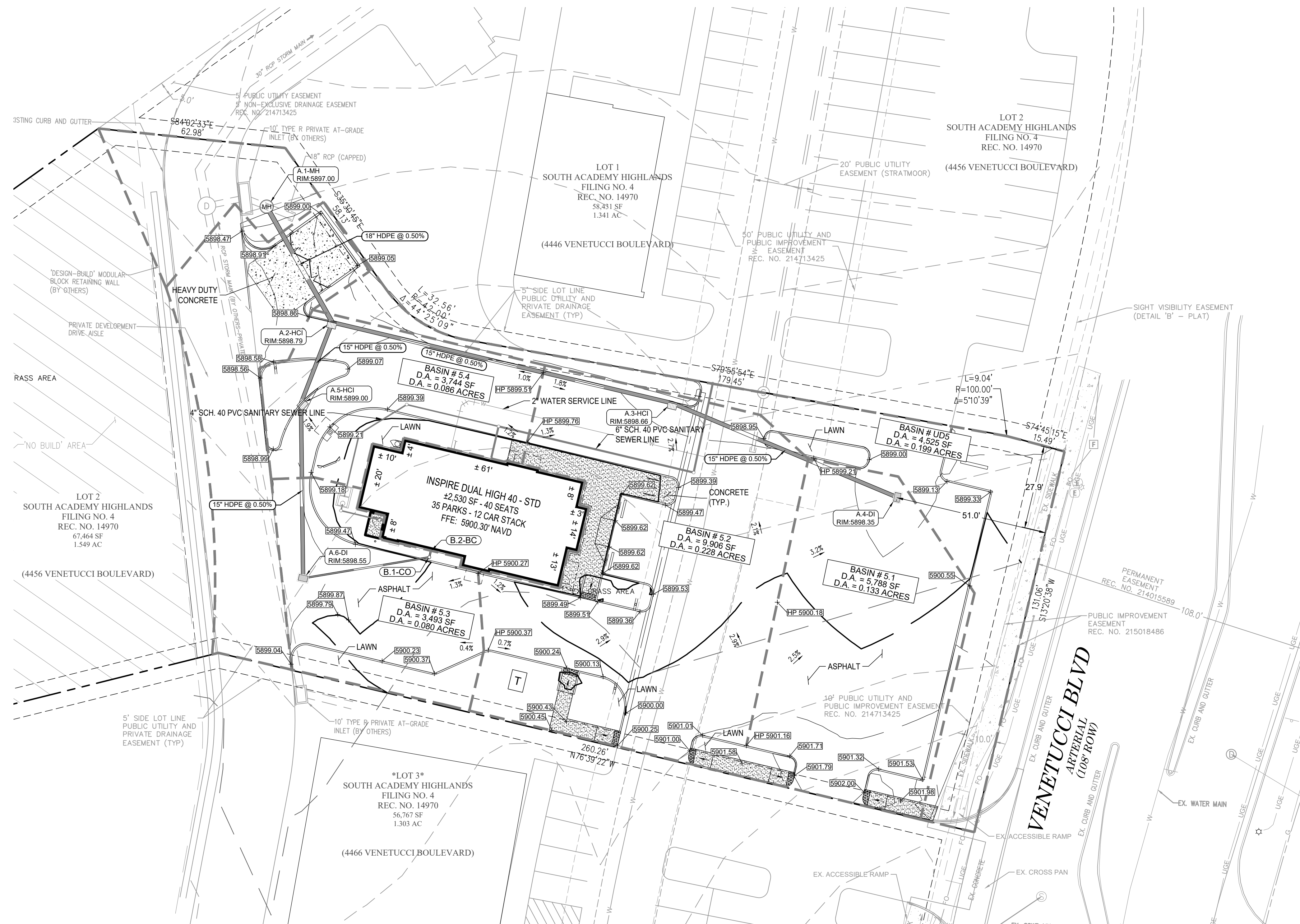
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. RELIANCE ON AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.

STORMWATER STRUCTURE TABLE				
STRUCTURE ID	STRUCTURE TYPE	RIM ELEV.	PIPE INVERTS	PIPE INFORMATION
A.1-MH	48" SDMH TYPE II	RIM = 5897.00	IN (SE) = 5892.37	45 LF, 18" HDPE @ 0.50%
A.2-HCI	HOODED CURB INLET TYPE R	RIM = 5898.79	IN (E) = 5892.69 IN (S) = 5892.59 OUT (NW) = 5892.59	117 LF, 15" HDPE @ 0.50% 29 LF, 15" HDPE @ 0.50% 45 LF, 18" HDPE @ 0.50%
A.3-HCI	HOODED CURB INLET TYPE R	RIM = 5898.66	IN (SE) = 5893.38 OUT (W) = 5893.28	82 LF, 15" HDPE @ 0.50% 117 LF, 15" HDPE @ 0.50%
A.4-DI	DROP INLET TYPE 13	RIM = 5898.35	OUT (NW) = 5893.79	82 LF, 15" HDPE @ 0.50%
A.5-HCI	HOODED CURB INLET TYPE R	RIM = 5899.00	OUT (N) = 5892.74 IN (S) = 5892.84	29 LF, 15" HDPE @ 0.50% 59 LF, 15" HDPE @ 0.50%
A.6-DI	DROP INLET TYPE 13	RIM = 5898.55	OUT (N) = 5893.13 IN (E) = 5893.23	59 LF, 15" HDPE @ 0.50% 43 LF, 6" HDPE @ 1.04%
B.1-CO	6" CLEAN OUT	RIM = 5900.42	IN (N) = 5893.78 OUT (S) = 5893.88	2 LF, 6" HDPE @ 1.04% 2 LF, 6" HDPE @ 1.04%
B.2-BC	BUILDING CONNECTION	RIM = 5900.30	OUT (S) = 5893.80	2 LF, 6" HDPE @ 1.04%

- GENERAL GRADING NOTES**
- ALL ELEVATIONS ARE BASED ON NAVD88.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATION AT THE SITE, EXISTING SURVEYS, AND/OR FROM UTILITY OWNERS. THE OWNER DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
 - EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SLITS AND DEBRIS.
 - IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
 - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL NATURAL AND PAVED AREAS. SLOPES IN GRASS AREAS SHALL BE GRADED AT A 1.0% MIN.
 - THE ENTIRE SITE IS LOCATED WITHIN SCHAMBERAZOR COMPLEX SOIL.
 - PERMANENT WATER QUALITY TREATMENT AND DETENTION IS PROVIDED OFF-SITE.
 - ALL OFF-SITE STORM SEWER IMPROVEMENTS MUST BE IN-PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE ON-SITE STORM SEWER SYSTEM.

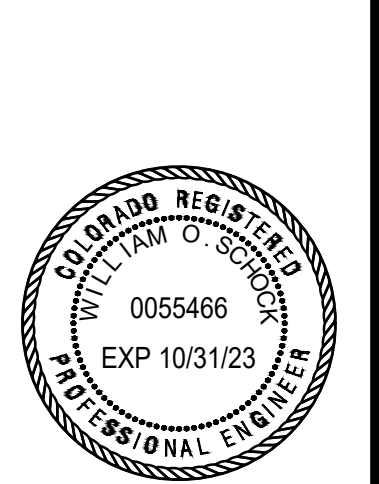
ALL SPOT ELEVATIONS REPRESENT FACE OF CURB UNLESS OTHERWISE NOTED

- GRADING & DRAINAGE LEGEND**
- PROPOSED GRADE MAJOR CONTOUR LINE
 - PROPOSED GRADE MINOR CONTOUR LINE
 - EXISTING GRADE MAJOR CONTOUR LINE
 - EXISTING GRADE MINOR CONTOUR LINE
 - PROPOSED 15" HDPE STORM PIPE
 - RIDGE LINE
 - FLOW LINE
 - PROPOSED 2" WATER SERVICE LINE
 - PROPOSED 4" SCH. 40 PVC SANITARY SEWER LINE
 - PROPOSED 6" SCH. 40 PVC SANITARY SEWER LINE



NO.	REVISION	DESCRIPTION	DATE

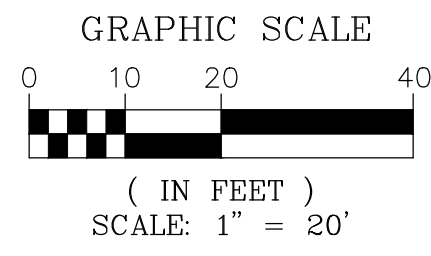
GRADING AND DRAINAGE PLAN
ARBY'S
 4456 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	

SHEET **C-8**

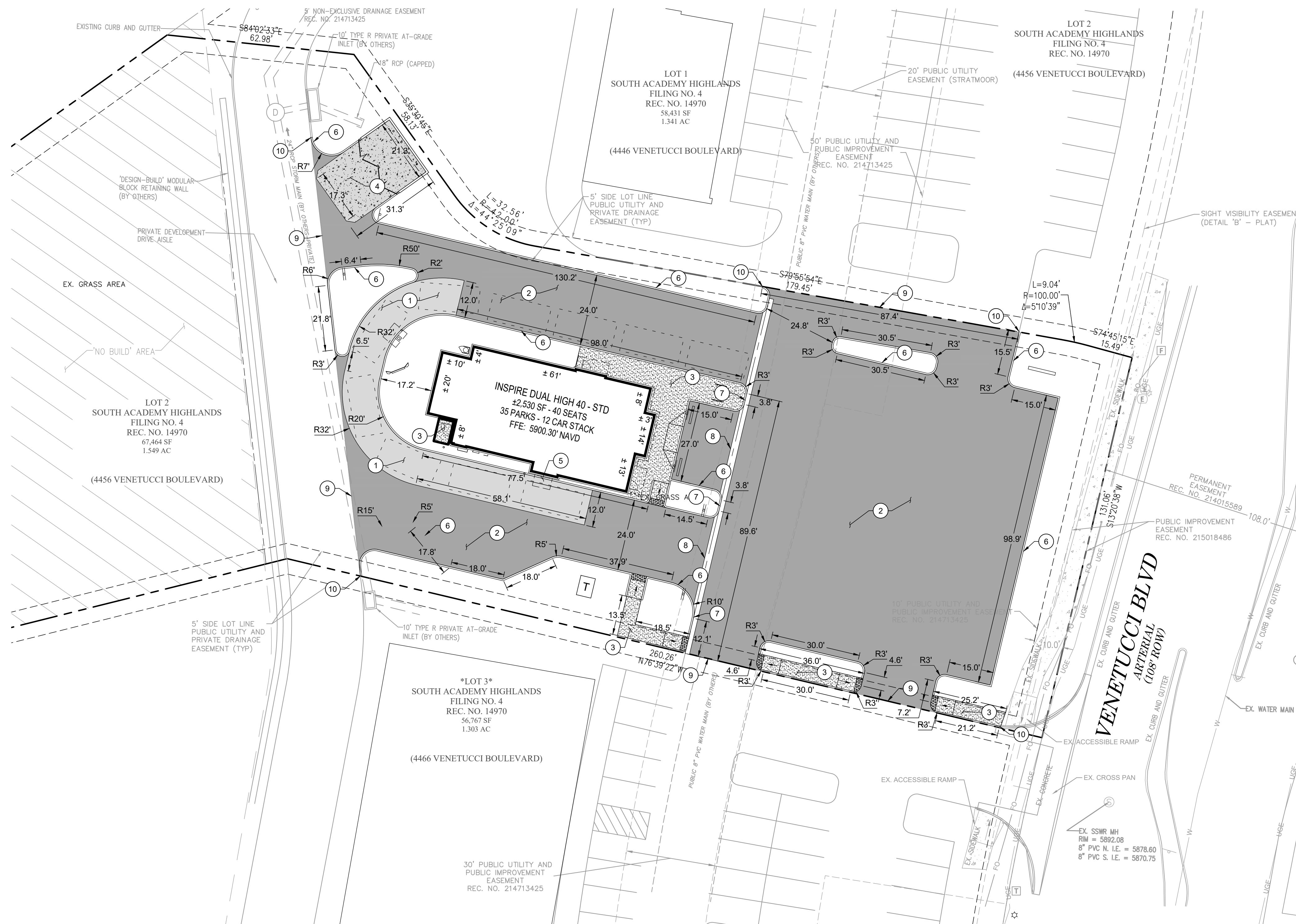


GENERAL SITE PAVING NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
2. ALL CURBING SHALL BE PER LATEST AHJ STANDARDS
3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL REGULATIONS AND O.S.H.A. STANDARDS.
4. CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION AND DIMENSIONS AND UTILITY ENTRANCE LOCATIONS.
5. CONTRACTOR SHALL REFER TO SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
6. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ADEQUATE TRAFFIC CONTROL THROUGHOUT THE PROJECT, INCLUDING PROPER TRAFFIC CONTROL.
7. ALL UNPAVED DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SODED.
8. DAMAGED SIDEWALK AND/OR CURB AND GUTTER SHALL BE RESTORED WITH FULL FLAGS 4" THICK, USING EXPANSION MATERIAL AND TACTILE FOR HANDICAP RAMP.
9. ASPHALT SHALL BE SAW CUT BEFORE REMOVING SHOULDER OR GUTTER TO PREVENT DAMAGE TO THE EXISTING ASPHALT.

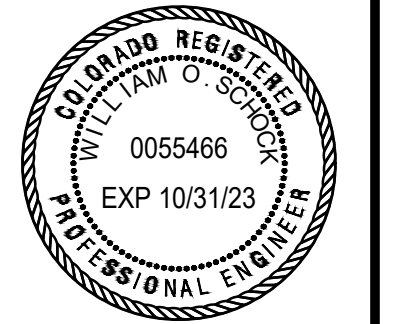
DESIGN KEY NOTES

- 1 LIGHT/MEDIUM DUTY CONCRETE PAVEMENT
- 2 LIGHT/MEDIUM DUTY ASPHALT PAVEMENT
- 3 4" CONCRETE SIDEWALK
- 4 HEAVY DUTY CONCRETE PAVEMENT
- 5 SERVICE WINDOW (SEE ARCHITECTURAL PLANS)
- 6 6" VERTICAL CURB
- 7 6" VERTICAL CURB AND GUTTER
- 8 2' VALLEY GUTTER
- 9 EDGE OF PAVEMENT
- 10 CONNECT TO EXISTING CURB/GUTTER



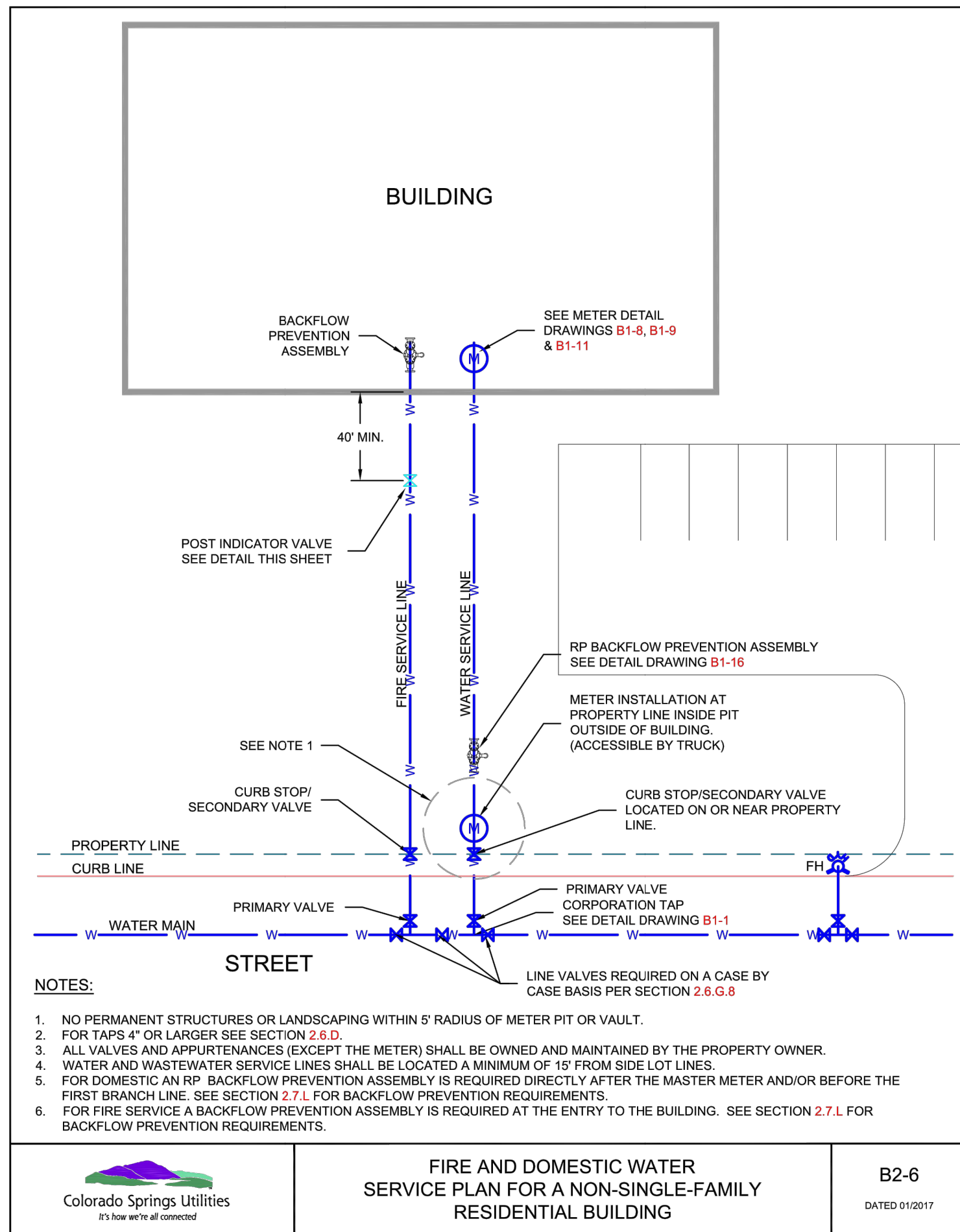
NO.	REVISION DESCRIPTION	DATE

SITE PAVING PLAN
ARBY'S
 4466 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY

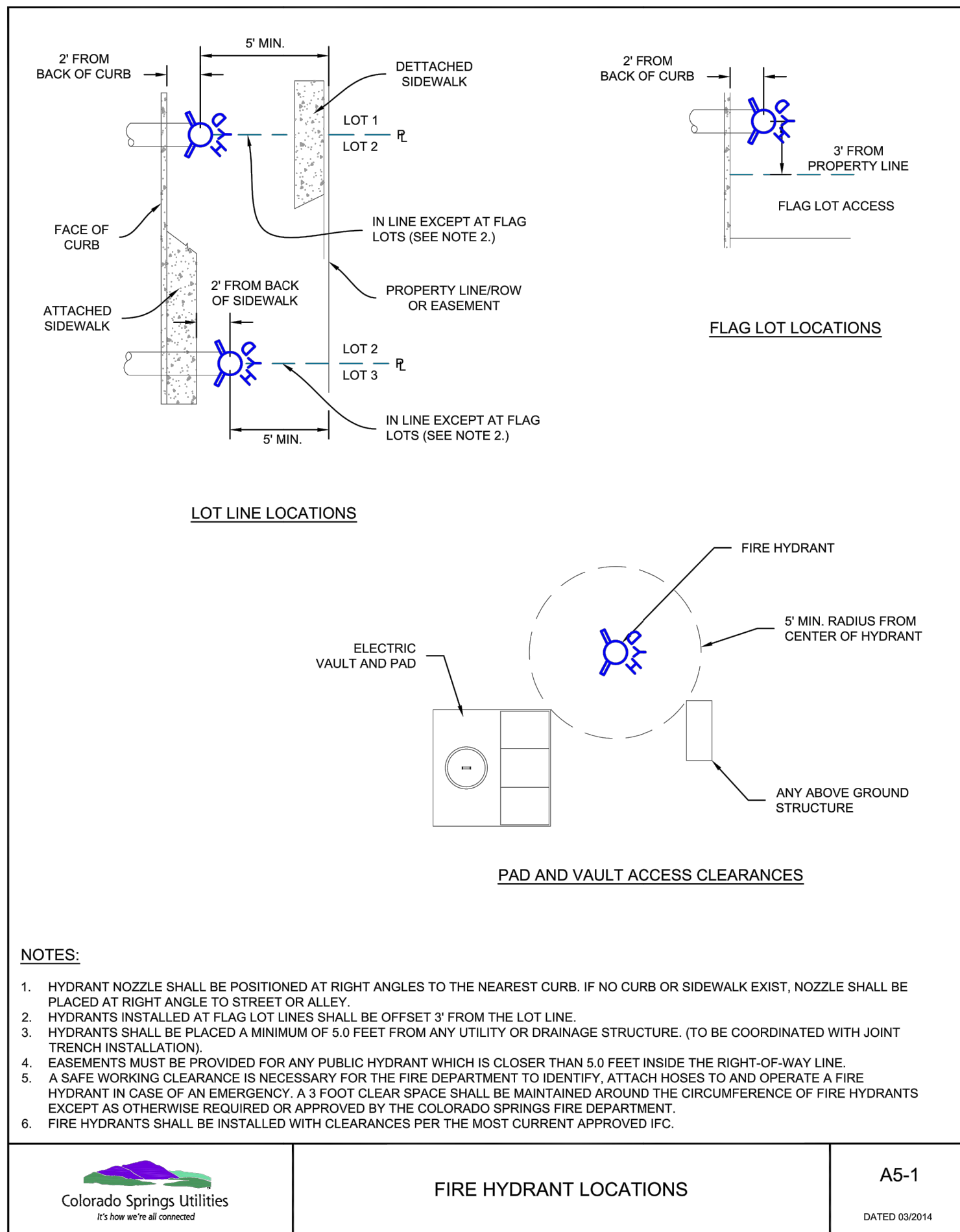


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

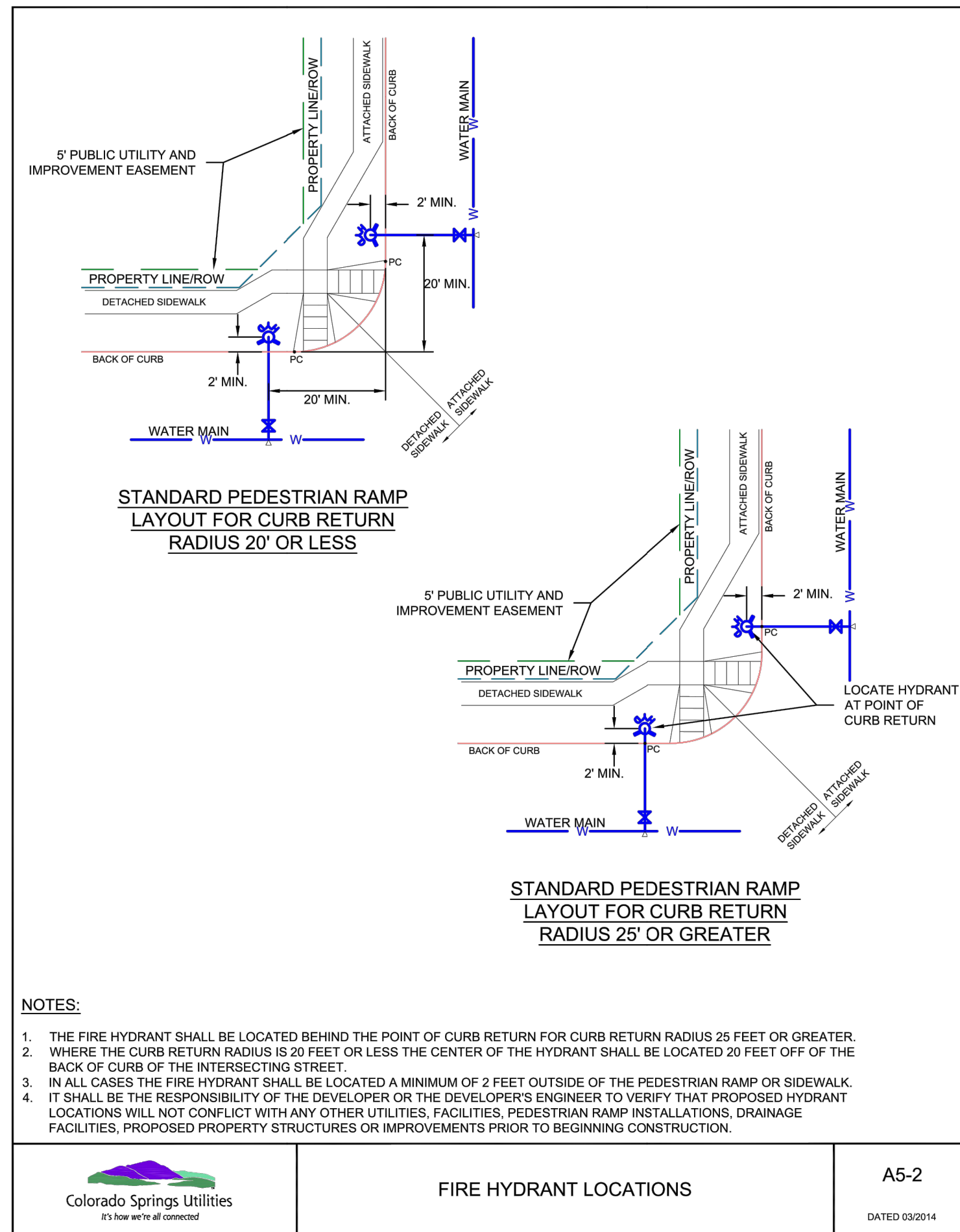
EL DESIGN	DC DRAWN	BS CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	



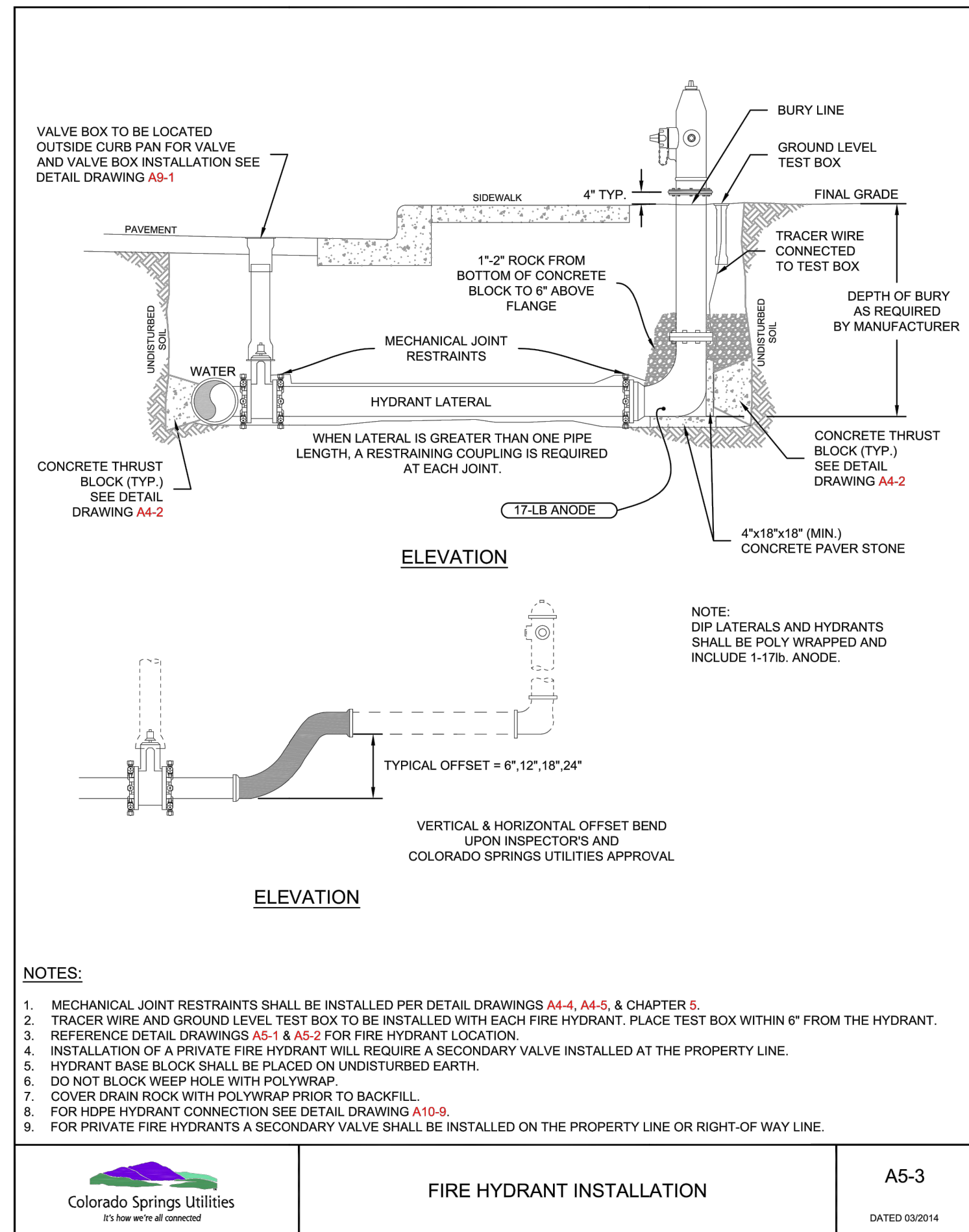
Colorado Springs Utilities
FIRE AND DOMESTIC WATER SERVICE PLAN FOR A NON-SINGLE-FAMILY RESIDENTIAL BUILDING
 B2-6
 DATED 03/2017



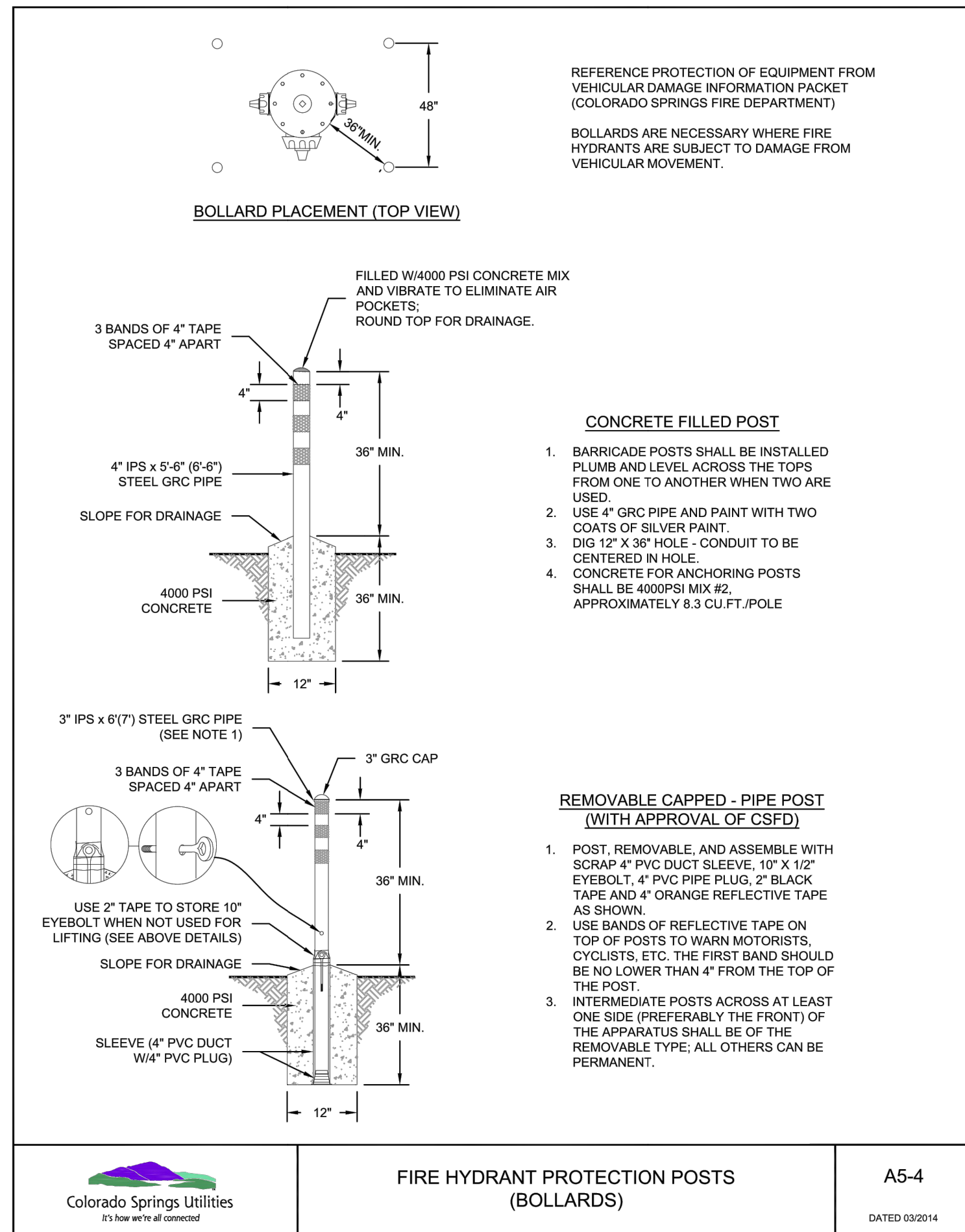
Colorado Springs Utilities
FIRE HYDRANT LOCATIONS
 A5-1
 DATED 03/2014



Colorado Springs Utilities
FIRE HYDRANT LOCATIONS
 A5-2
 DATED 03/2014



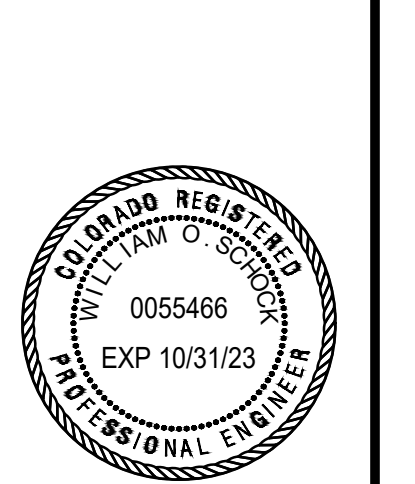
Colorado Springs Utilities
FIRE HYDRANT INSTALLATION
 A5-3
 DATED 03/2014



Colorado Springs Utilities
FIRE HYDRANT PROTECTION POSTS (BOLLARDS)
 A5-4
 DATED 03/2014

NO.	REVISION	DESCRIPTION	DATE

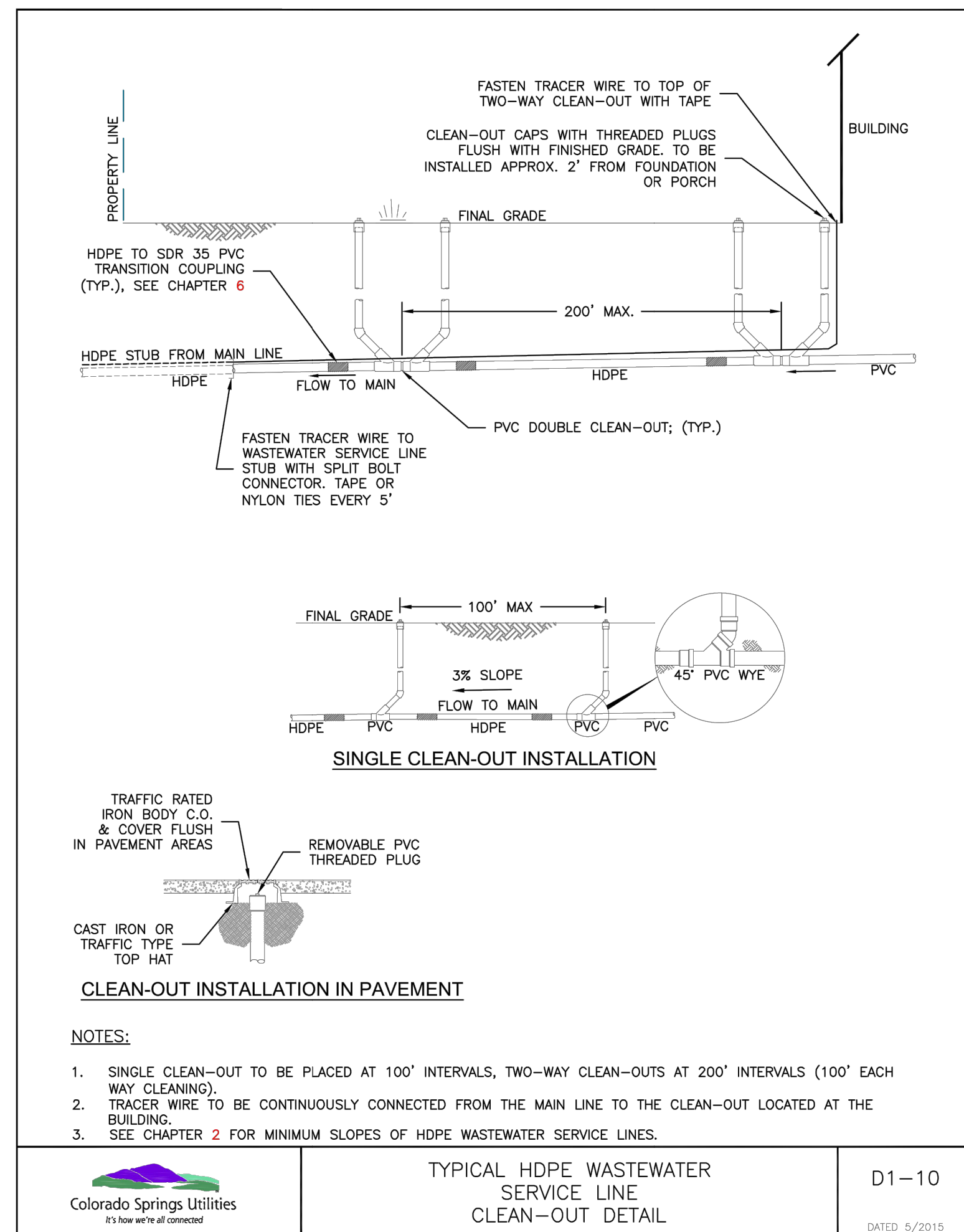
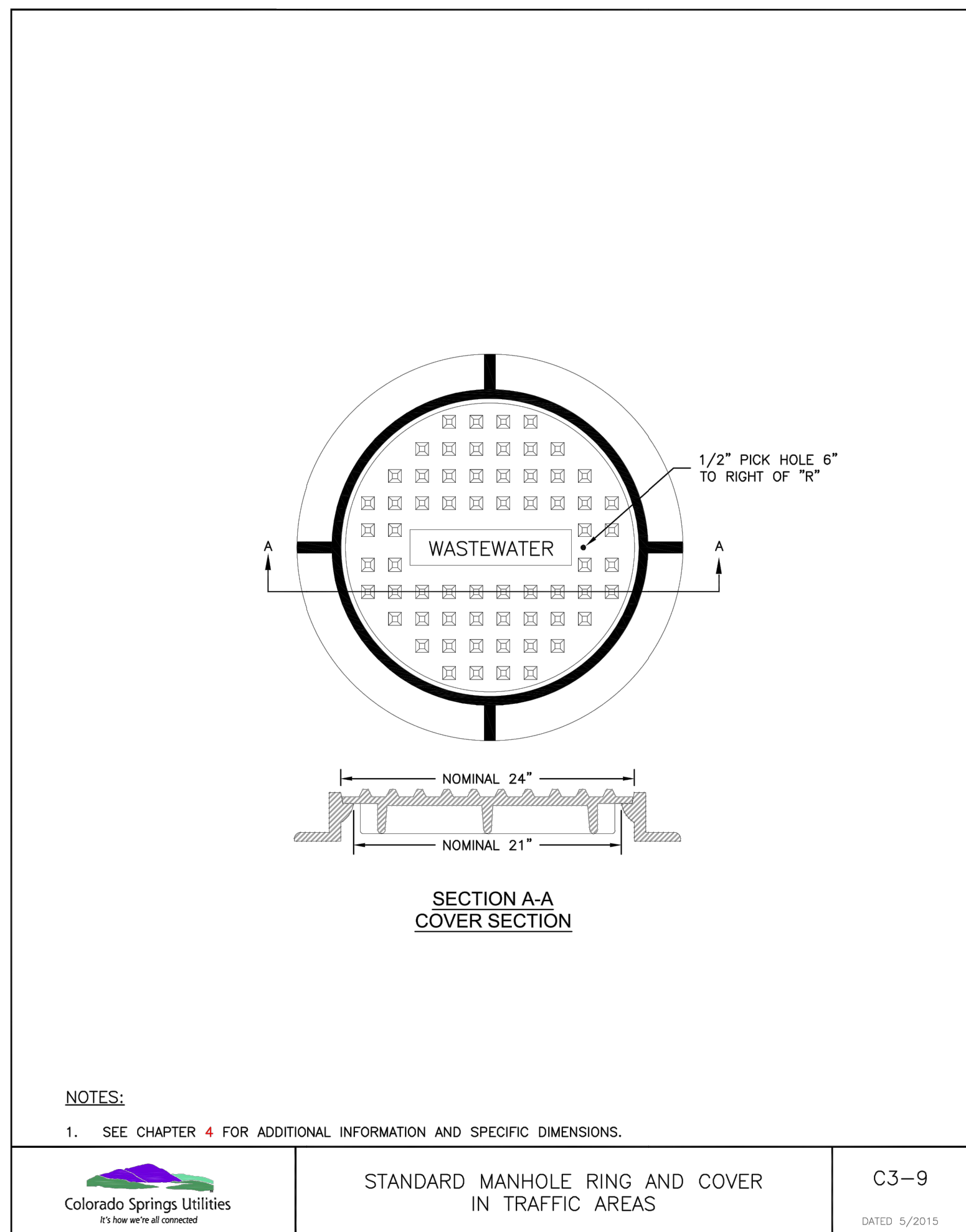
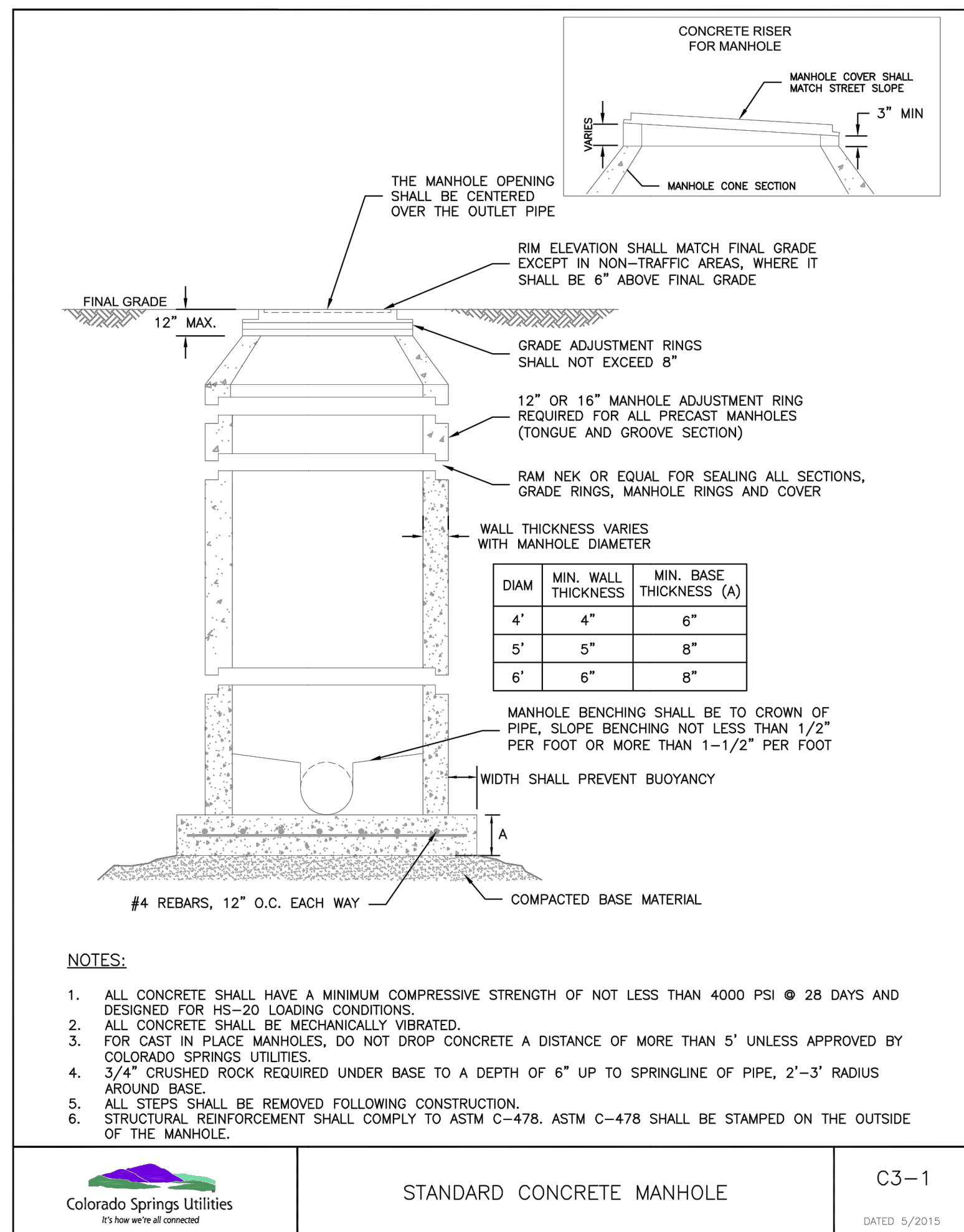
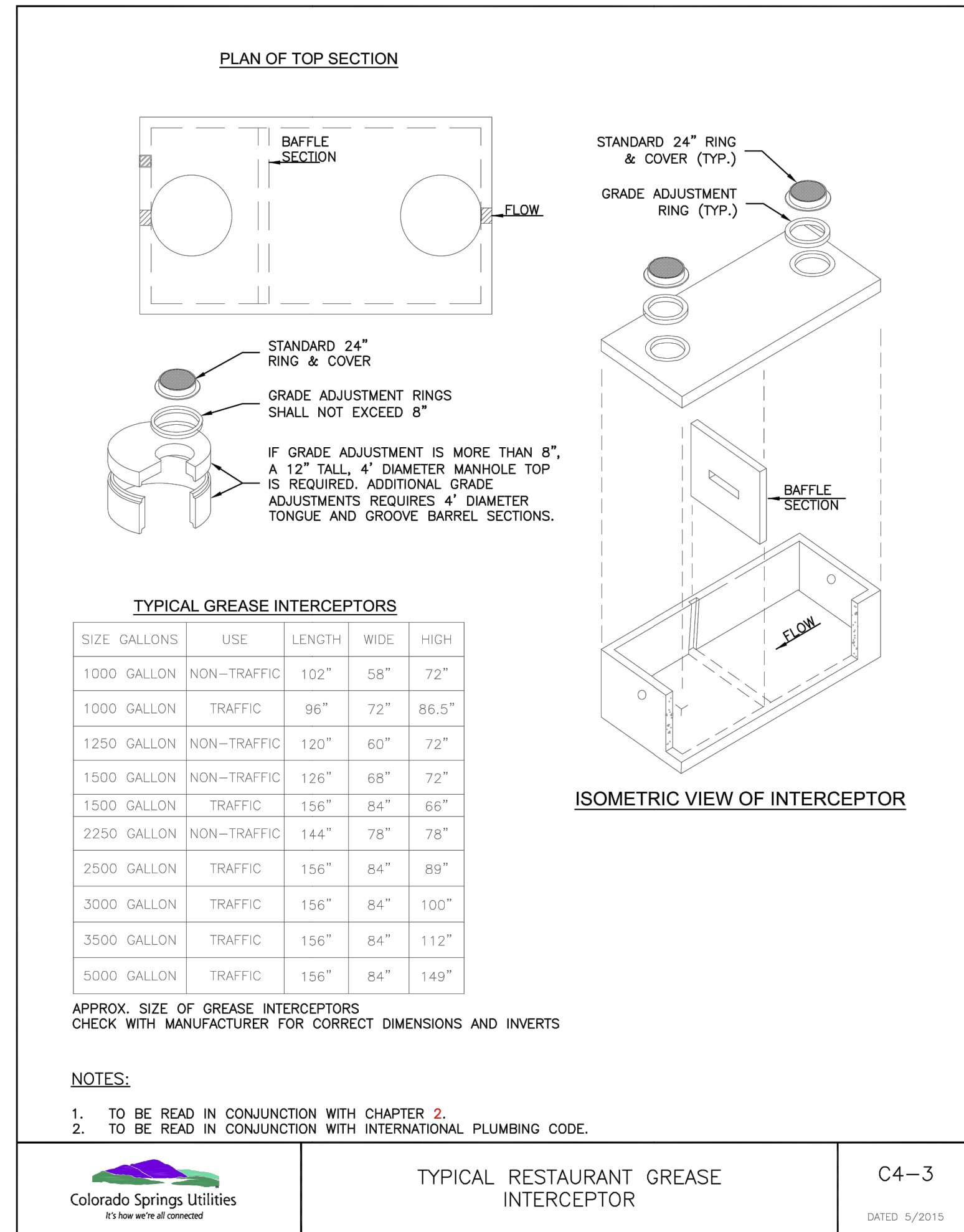
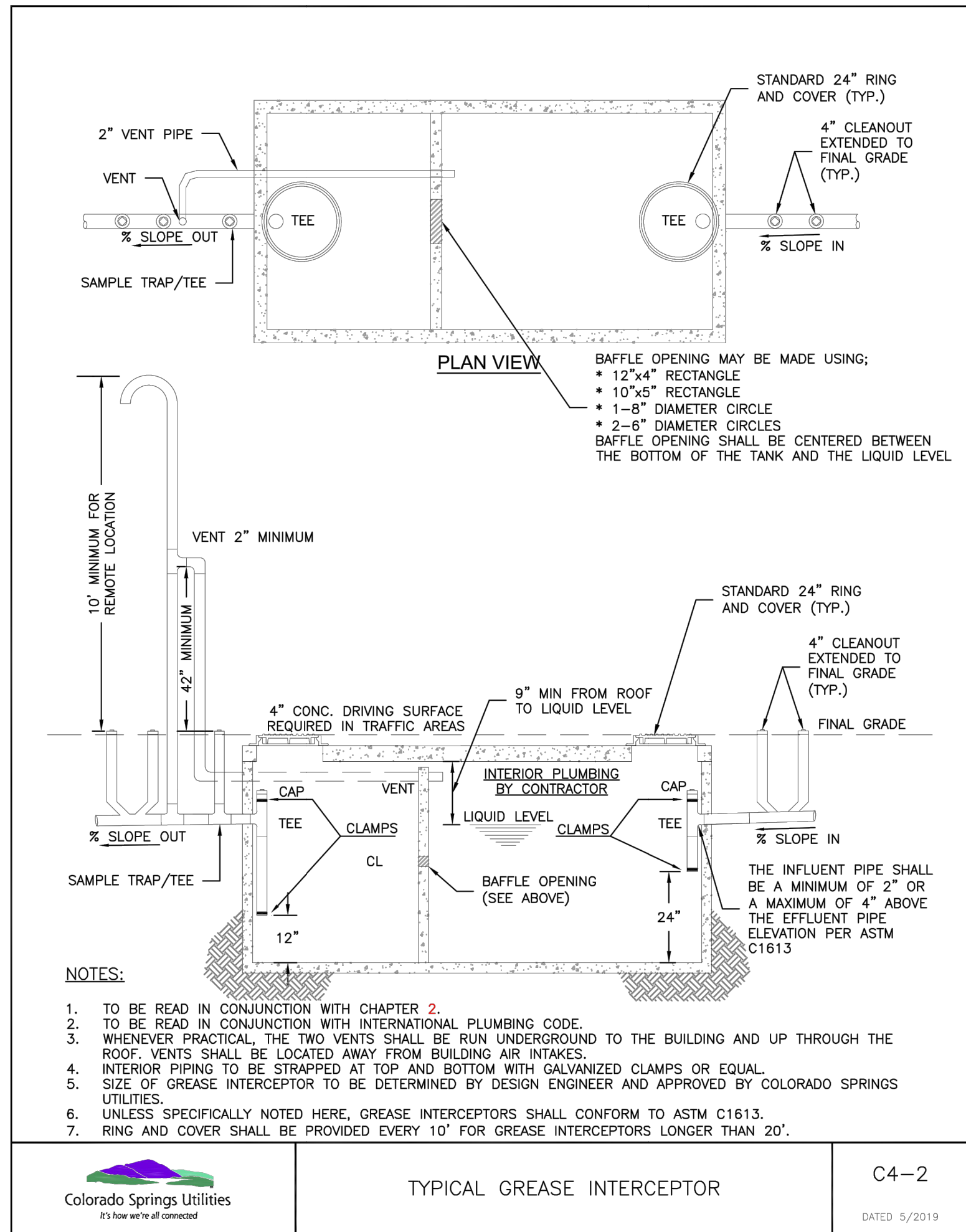
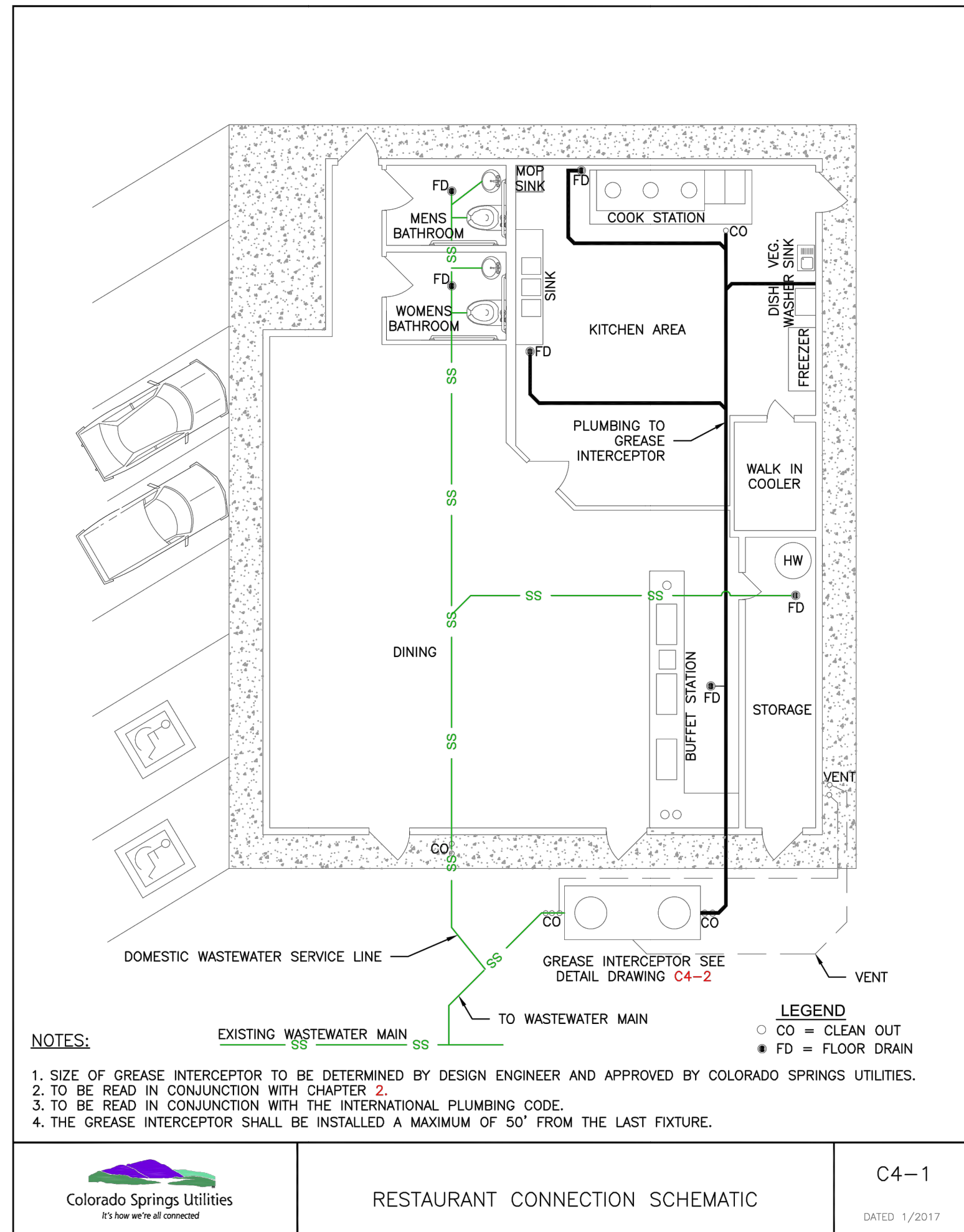
UTILITY PLAN DETAILS
ARBY'S
 4456 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY



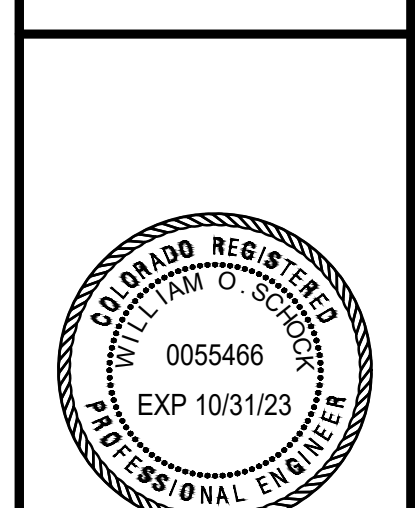
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 on Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKD
SCALE: 1" = 20'		
JOB No.: 011098-01-001		
DATE: 11/18/2022		

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICHT IT WAS PREPARED. RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



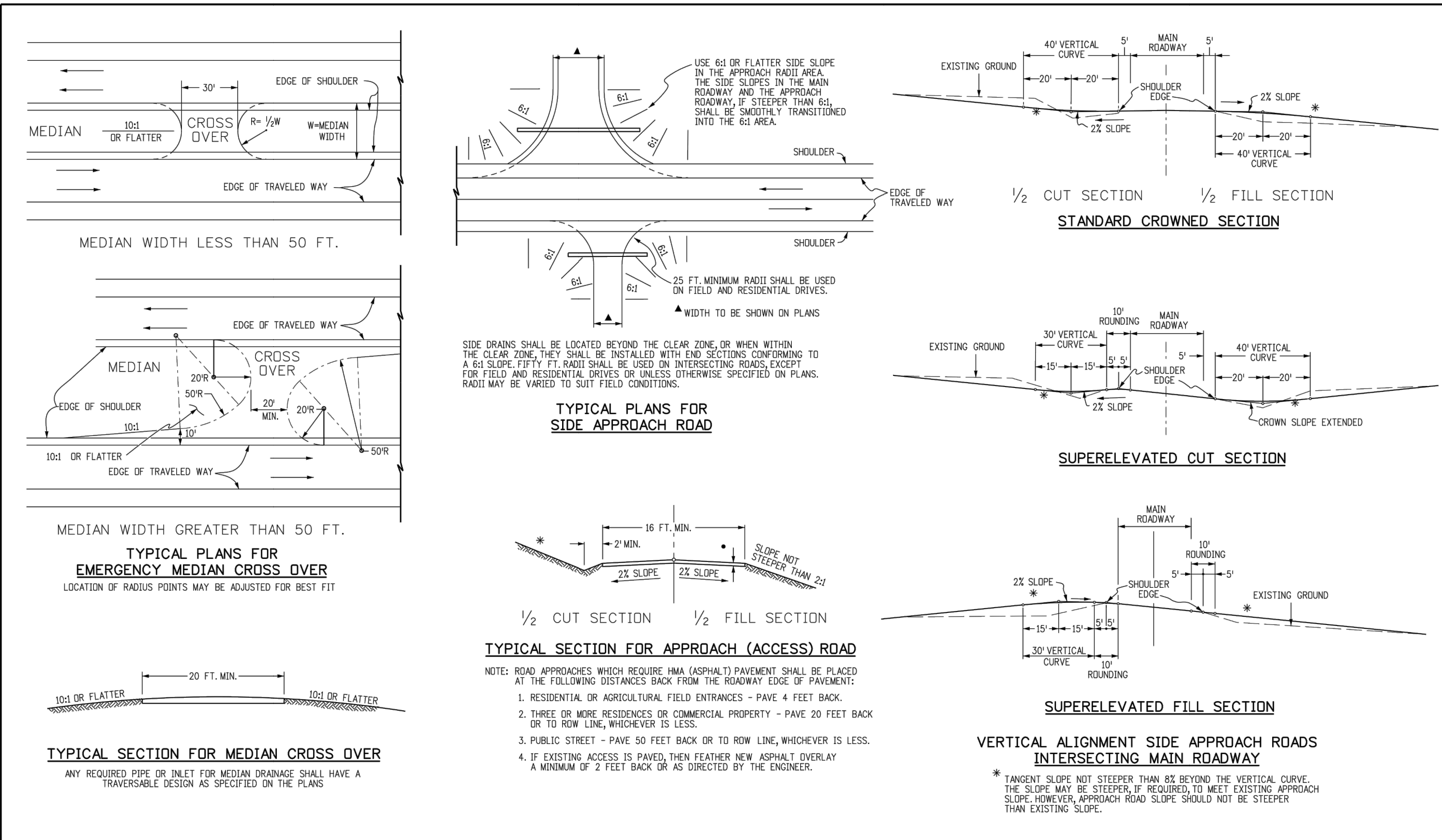
NO.	REVISION	DESCRIPTION	DATE



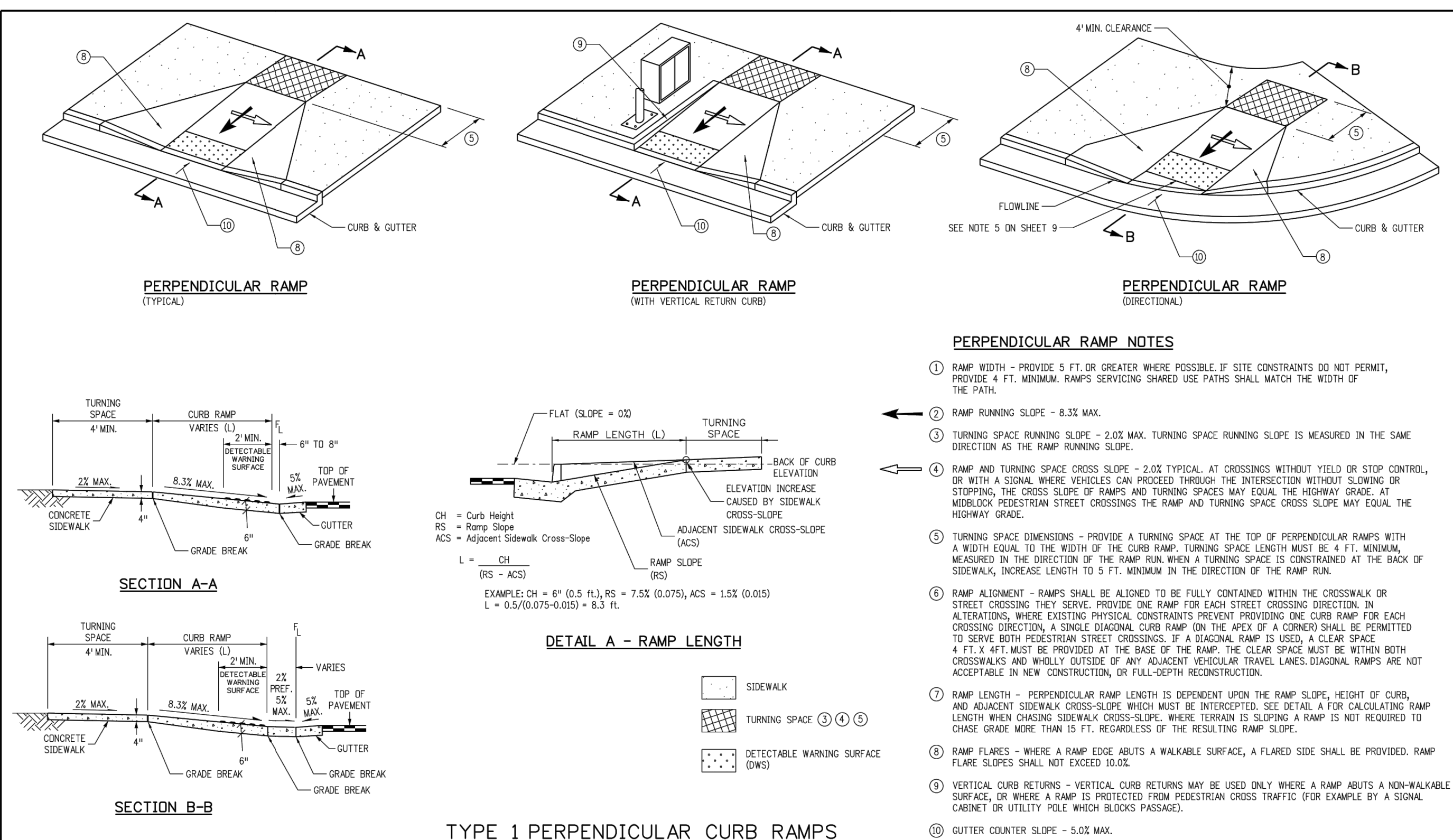
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	

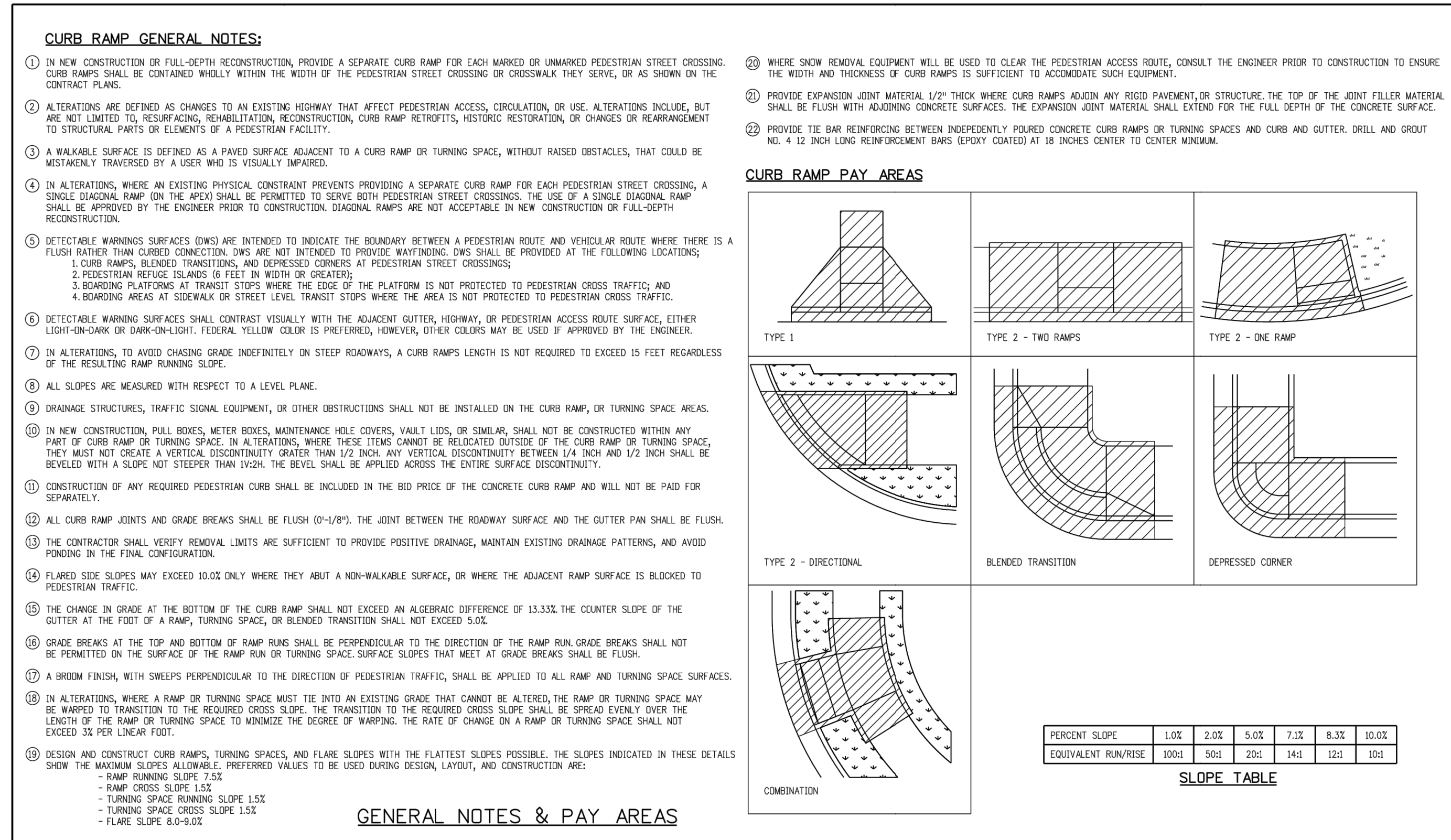
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED THEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHOM IT WAS PREPARED. RELIANCE ON AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



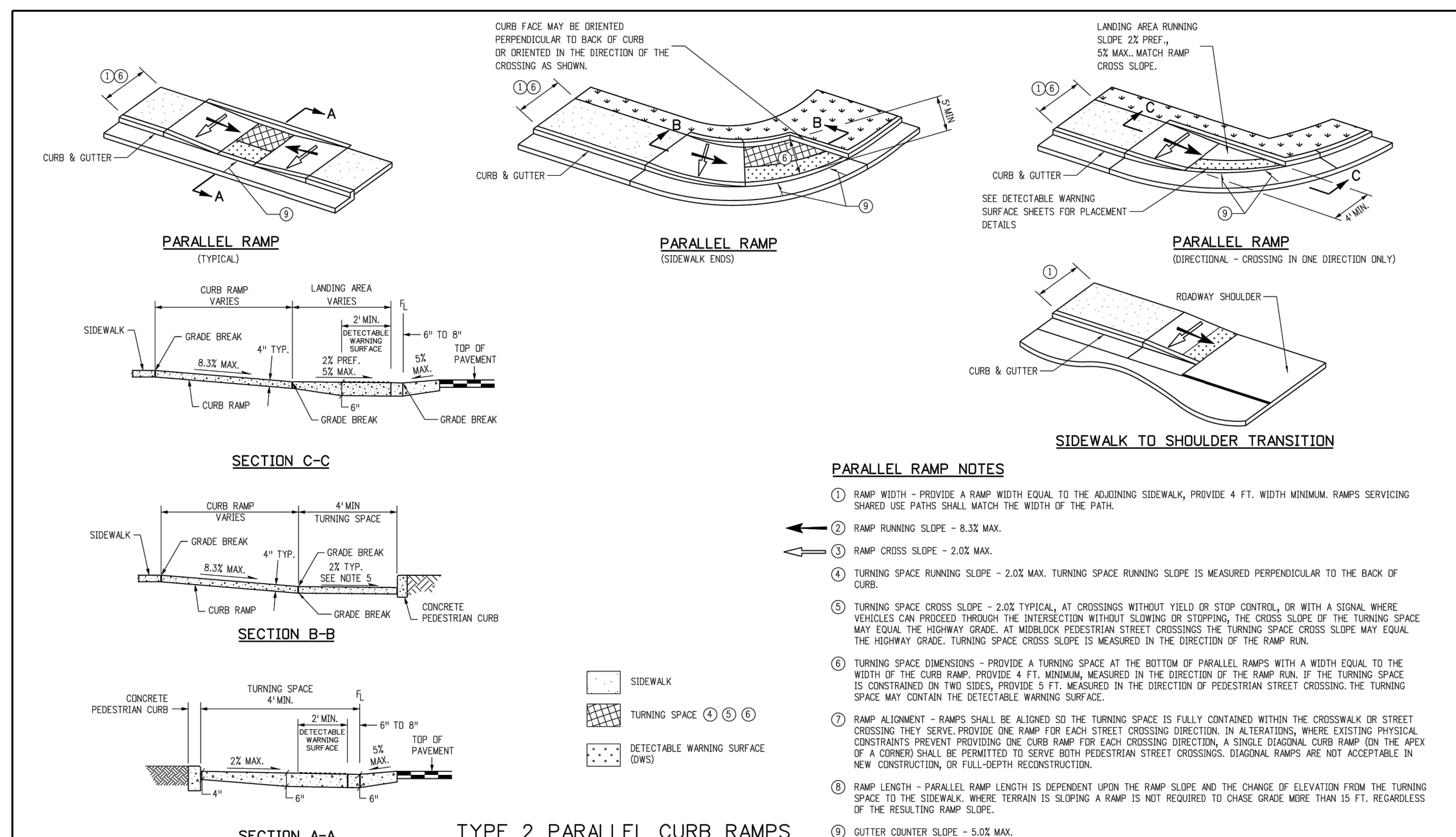
Computer File Information		Sheet Revisions		Colorado Department of Transportation		APPROACH ROADS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-203-1	M-203-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 1 of 1	Standard Sheet No. 1 of 1	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	



Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB RAMPS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-608-1	M-608-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 2 of 10	Standard Sheet No. 2 of 10	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	



Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB RAMPS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-608-1	M-608-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 1 of 10	Standard Sheet No. 1 of 10	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	



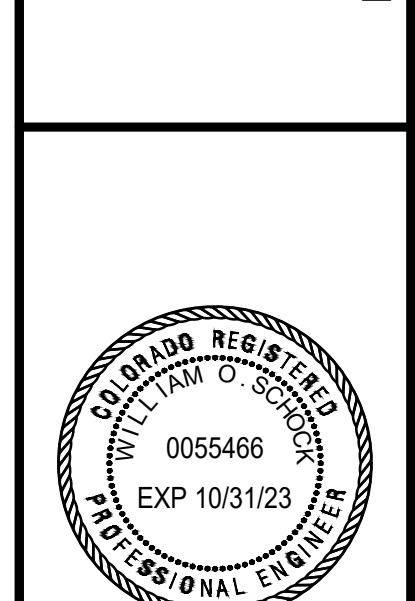
Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB RAMPS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-608-1	M-608-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 4 of 10	Standard Sheet No. 4 of 10	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	



NO.	REVISION	DATE
	DESCRIPTION	

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB RAMPS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-608-1	M-608-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 1 of 10	Standard Sheet No. 1 of 10	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	

CONSTRUCTION DETAILS
ARBY'S
4456 VENETUCCI BOULEVARD
FOUNTAIN, COLORADO
EL PASO COUNTY



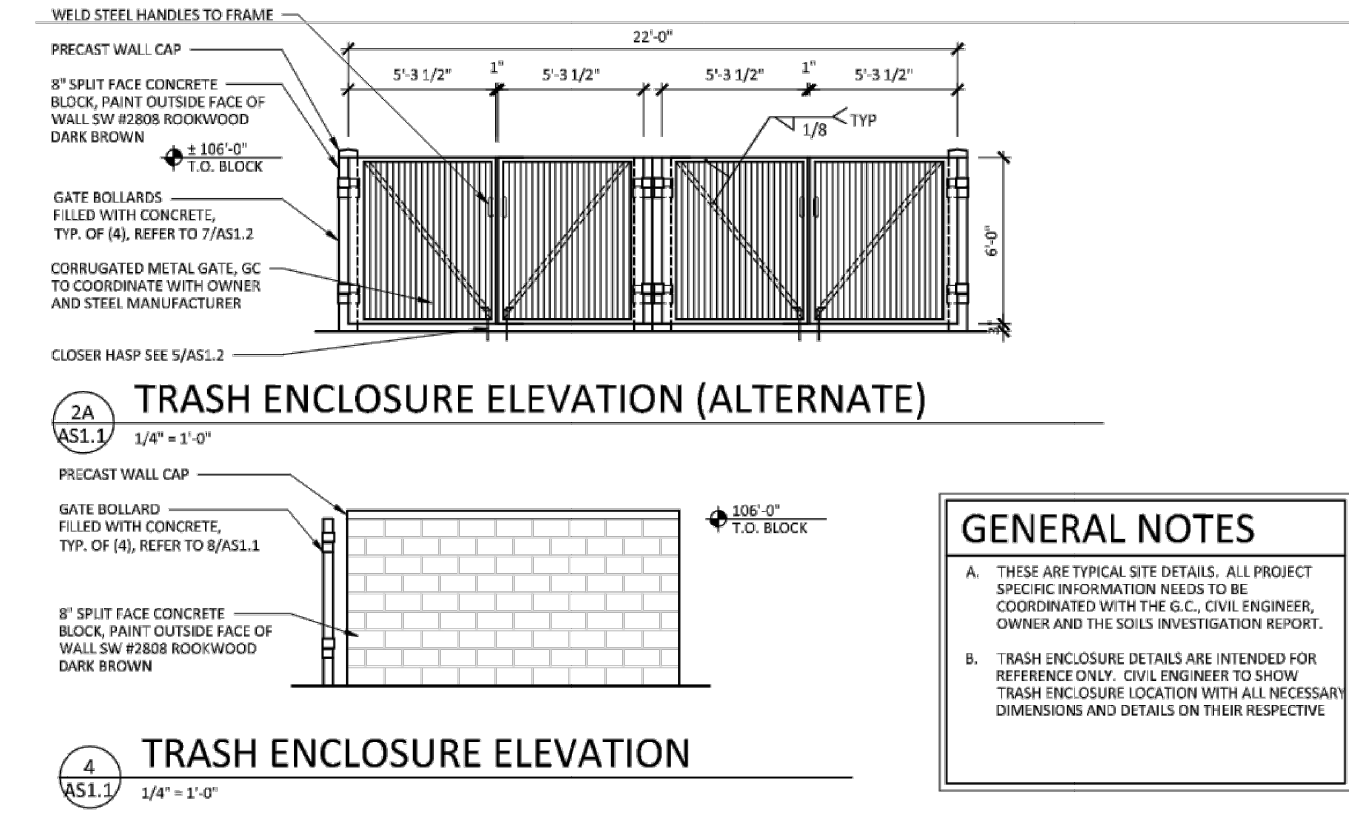
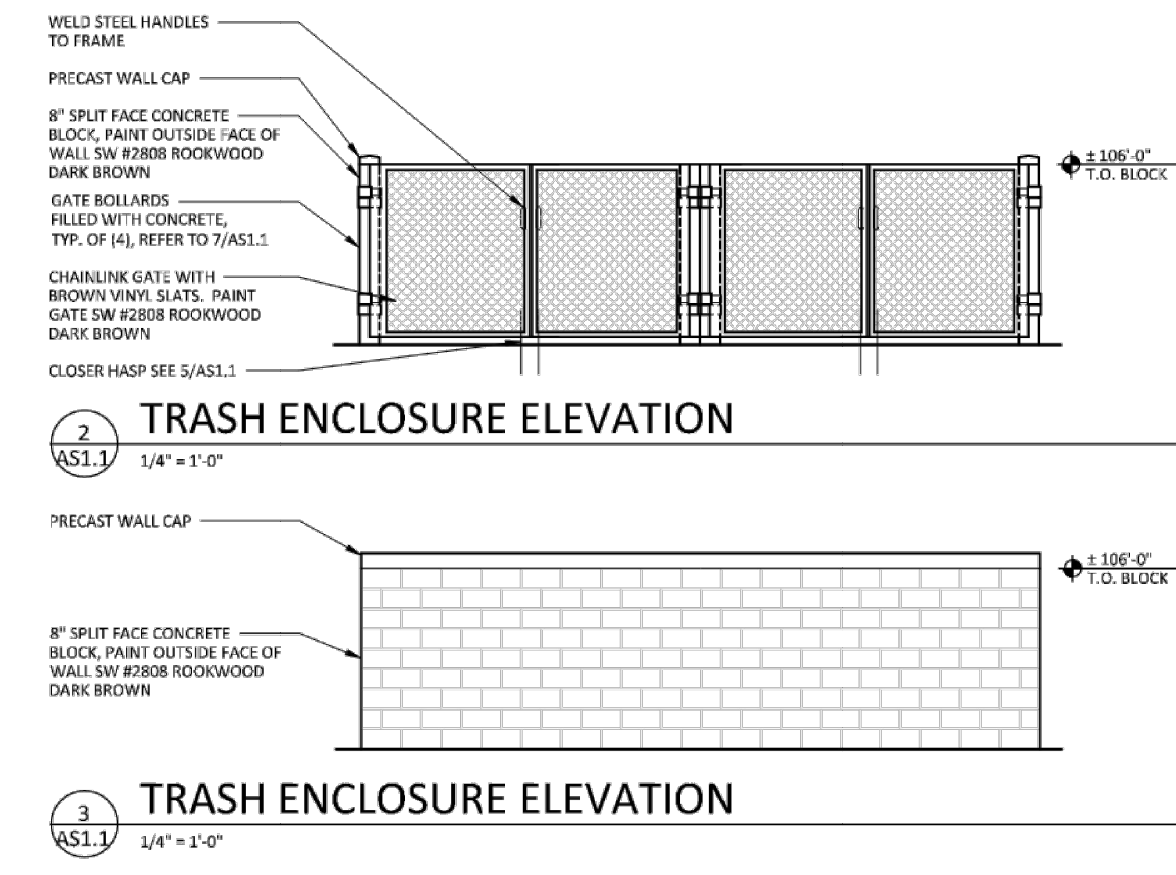
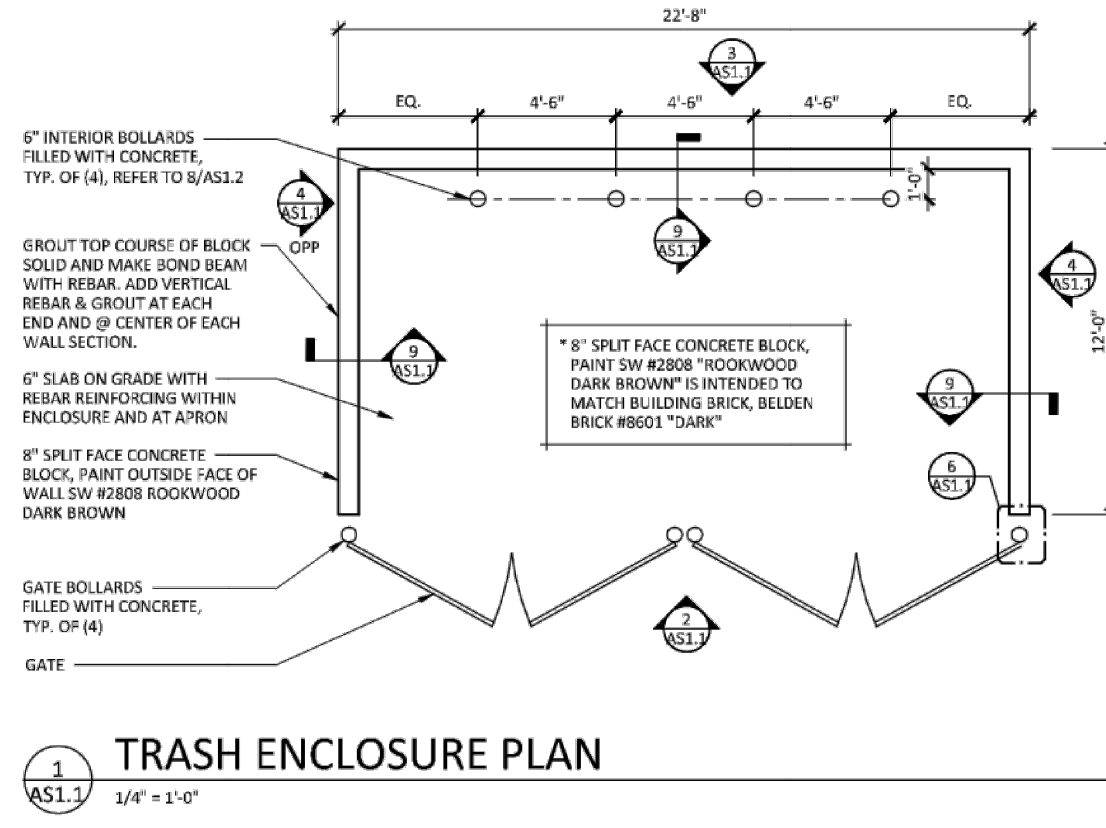
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOOK, P.E. 0055466 ON Nov 18, 2022

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB RAMPS		STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	M-608-1	M-608-1	
Last Modification Date: 07/31/19	Detailer Initials: LTA			Phone: 303-757-9021 FAX: 303-757-9868			Standard Sheet No. 4 of 10	Standard Sheet No. 4 of 10	
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English		Project Development Branch	JBK		Issued by the Project Development Branch: July 31, 2019	Project Sheet Number:	

EL DESIGN	DC DRAWN	BS CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	

SHEET **C-14**

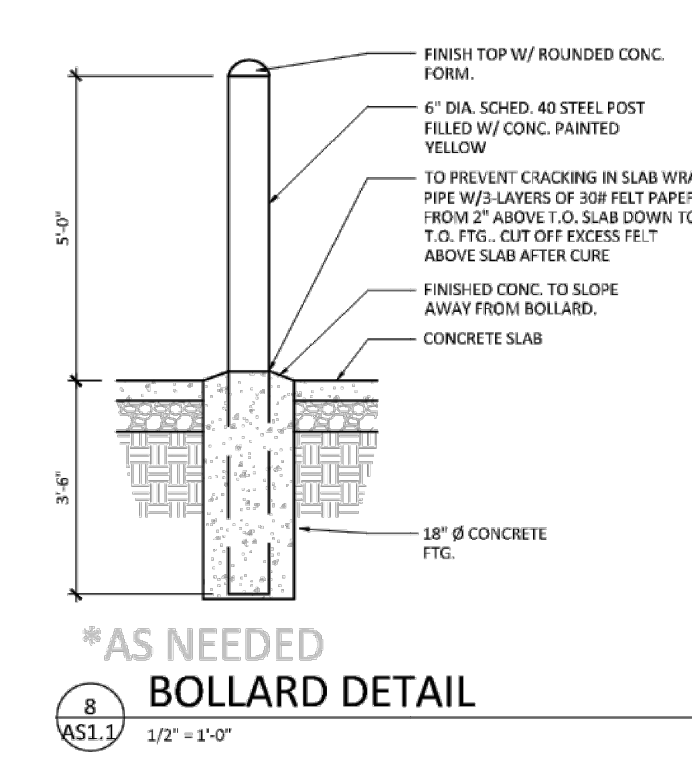
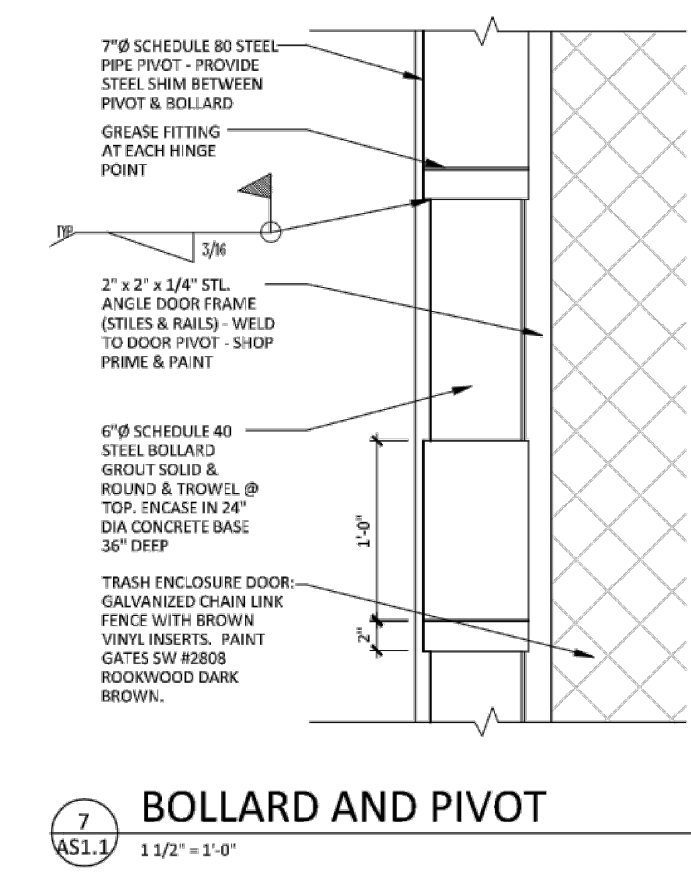
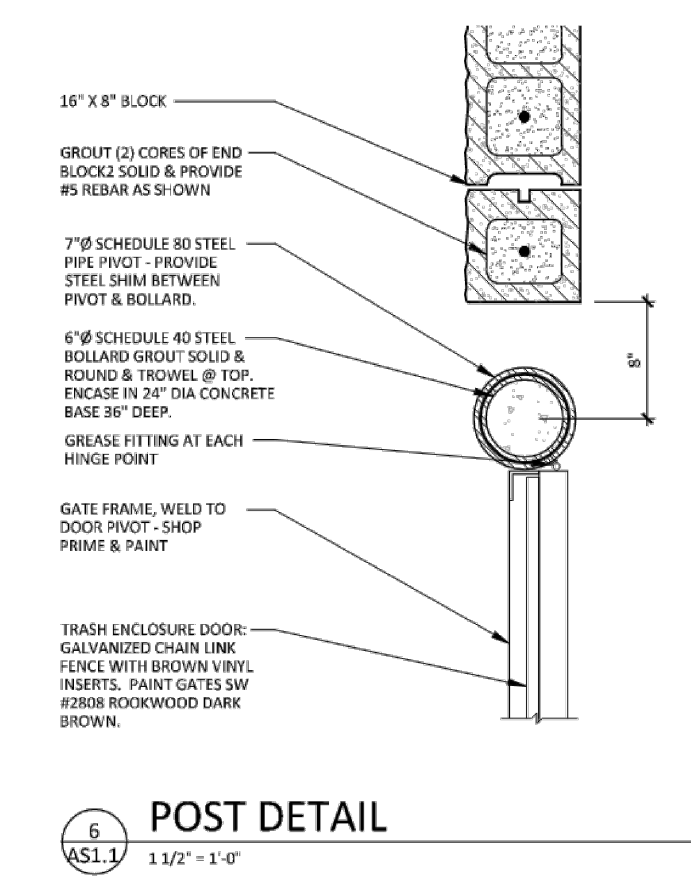
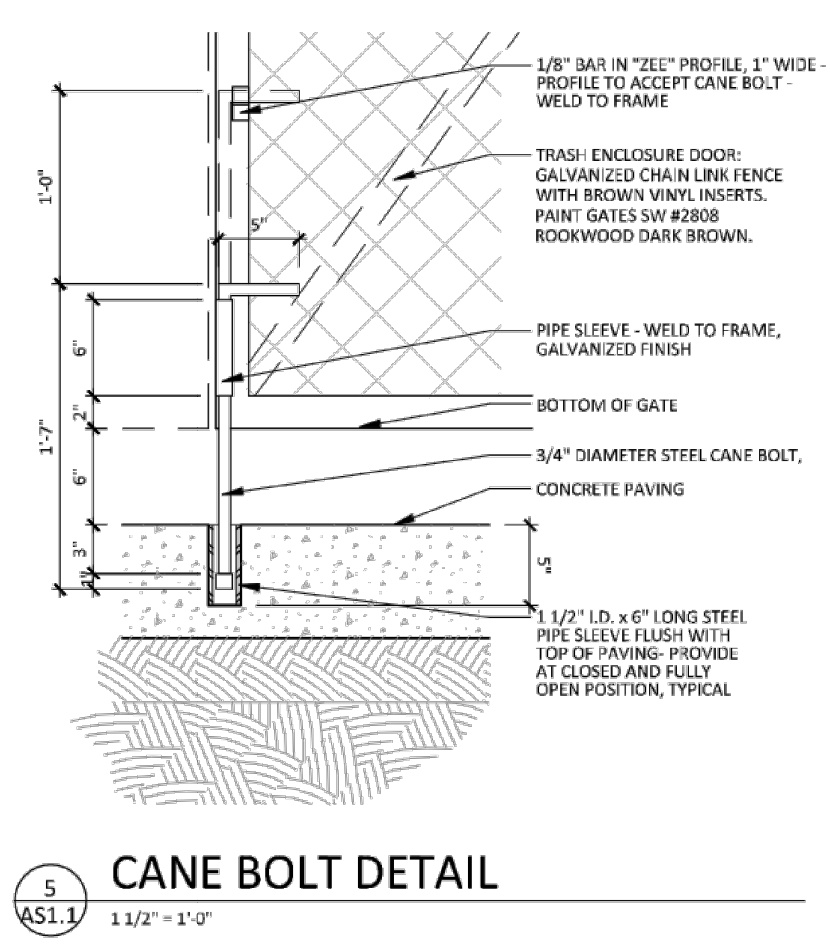
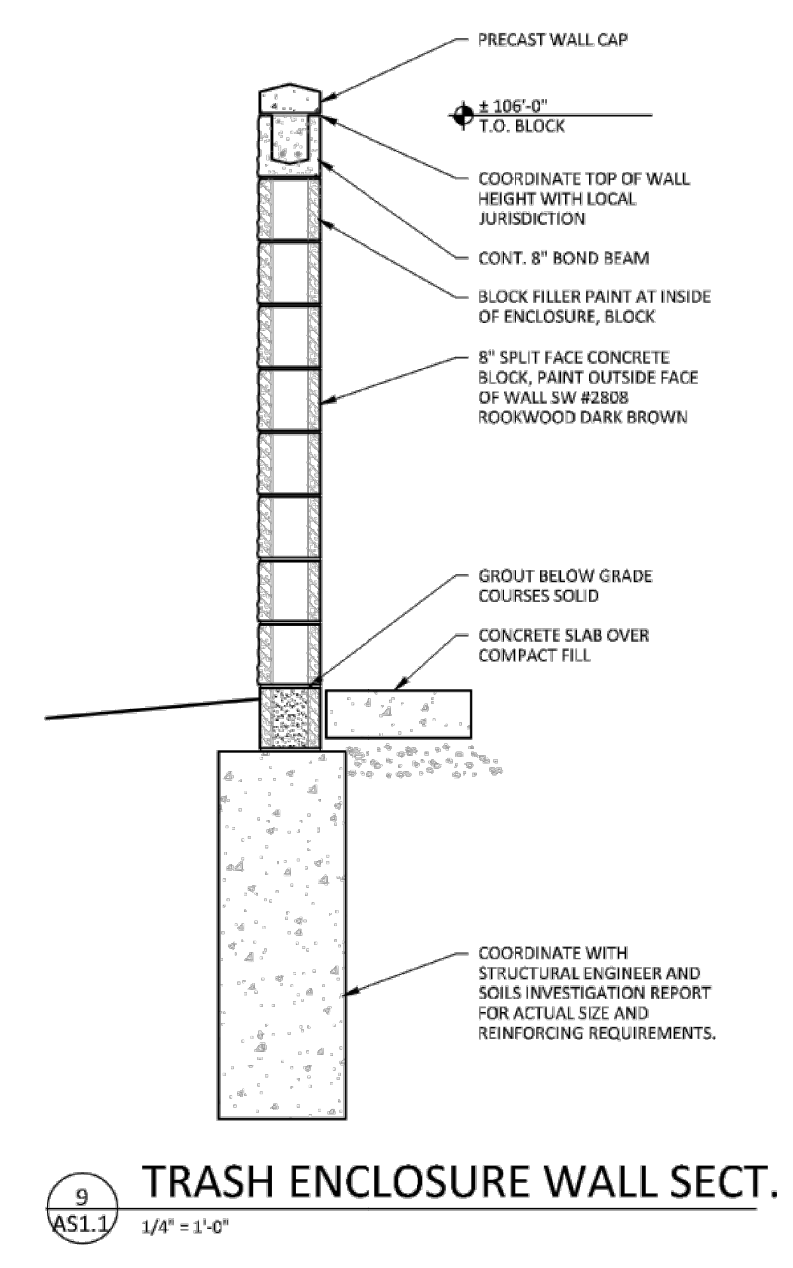
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICHT IT WAS PREPARED. RELEASE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ACCEPTANCE BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



GENERAL NOTES

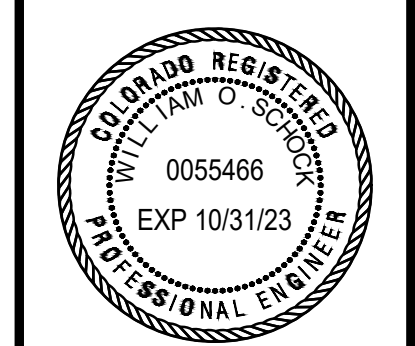
A. THIS ARE TYPICAL SITE DETAILS. ALL PROJECT SPECIFIC INFORMATION NEEDS TO BE COORDINATED WITH THE G.C., CIVIL ENGINEER, OWNER AND THE SOILS INVESTIGATION REPORT.

B. TRASH ENCLOSURE DETAILS ARE INTENDED FOR REFERENCE ONLY. CIVIL ENGINEER TO SHOW TRASH ENCLOSURE LOCATION WITH ALL NECESSARY DIMENSIONS AND DETAILS ON THEIR RESPECTIVE.



NO.	REVISION	DESCRIPTION	DATE

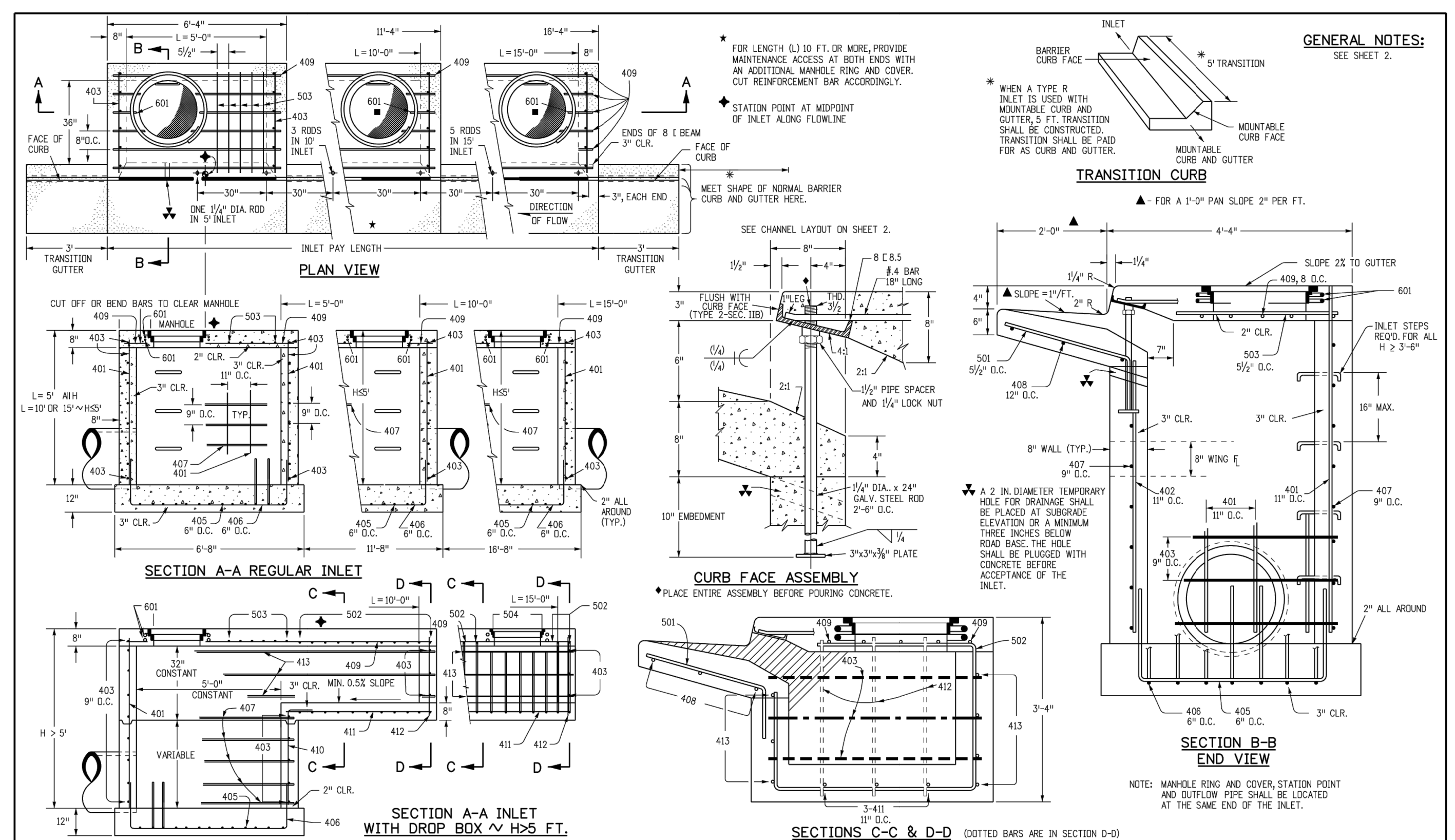
CONSTRUCTION DETAILS
ARBY'S
 4456 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKO
SCALE: 1" = 20'		
JOB No.: 011098-01-001		
DATE: 11/18/2022		
SHEET C-15		

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED THEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. RELIANCE ON AND MODIFICATION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



GENERAL NOTES:
 SEE SHEET 2.
 * FOR LENGTH (L) 10 FT. OR MORE, PROVIDE MAINTENANCE ACCESS AT BOTH ENDS WITH AN ADDITIONAL MANHOLE RING AND COVER. CUT REINFORCEMENT BAR ACCORDINGLY.
 * STATION POINT AT MIDPOINT OF INLET ALONG FLOWLINE.
 * MEET SHAPE OF NORMAL BARRIER CURB AND GUTTER HERE.
 * WHEN A TYPE R INLET IS USED WITH ADJUSTABLE CURB AND GUTTER 5 FT. TRANSITION SHALL BE CONSTRUCTED. TRANSITION SHALL BE PAID FOR AS CURB AND GUTTER.
 * FOR A 1'-0" PAN SLOPE 2" PER FT.
 * A 2 IN. DIAMETER TOW-BARRIER HOLE FOR DRAINAGE SHALL BE PLACED AT SUBGRADE ELEVATION OR A MINIMUM THREE INCHES BELOW ROAD BASE THE HOLE SHALL BE PLUGGED WITH CONCRETE BEFORE ACCEPTANCE OF THE INLET.
 * PLACE ENTIRE ASSEMBLY BEFORE POURING CONCRETE.
 * NOTES: MANHOLE RING AND COVER, STATION POINT AND OUTFLOW PIPE SHALL BE LOCATED AT THE SAME END OF THE INLET.

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB INLET TYPE R		STANDARD PLAN NO. M-604-12	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	Phone: 303-757-9868	Project Development Branch	JBK
Last Modification Date: 07/31/19	Datelist Initials: LTA							Issued by the Project Development Branch July 31, 2019	Project Sheet Number:
CAO Ver: MicroStation V8	Scale: Not to Scale	Units: English							

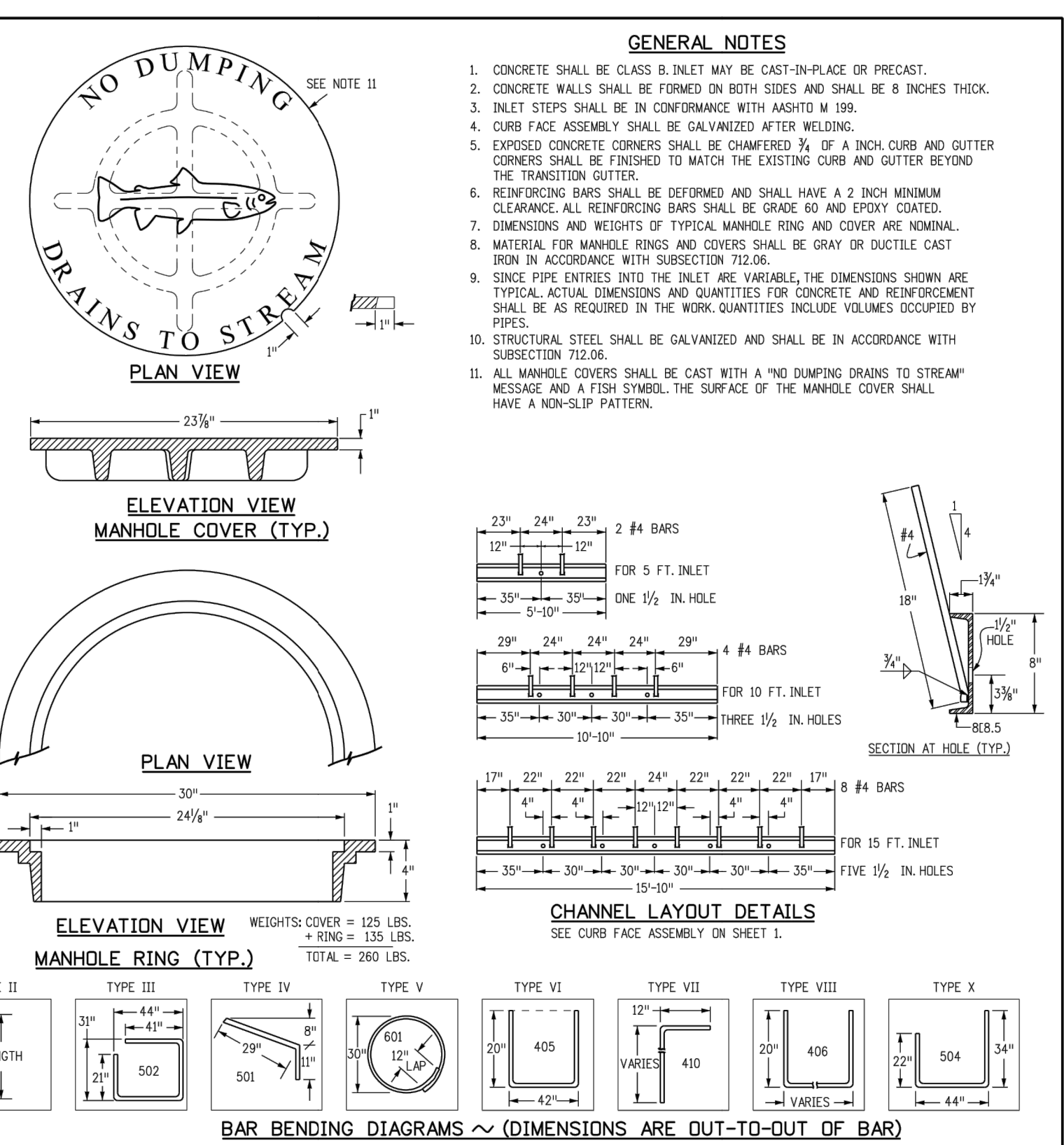
MARK	BAR # OR SIZE	O.C. SPACING	TYPE	ALL INLETS					
				L = 5 FT.		L = 10 FT.		L = 15 FT.	
				NO. REQ.	LENGTH	NO. REQ.	LENGTH	NO. REQ.	LENGTH
401	4	11"	II	15	21	26	31	11	11
402	4	11"	II	7	13	18	23	7	7
403	4	9"	II	8	14	19	24	8	8
405	4	6"	VI	11	17	23	29	11	11
406	4	6"	VIII	7	13	19	25	7	7
407	4	9"	II	8	14	20	26	8	8
408	4	12"	II	3	6	9	12	3	3
409	4	6"	VI	6	10	14	18	6	6
410	4	11"	VII	6	10	14	18	6	6
411	4	11"	VII	3	5	7	10	3	3
412	4	11"	II	1	2	3	4	1	1
413	4	9"	II	1	2	3	4	1	1
501	5	5 1/2"	IV	11	17	23	29	11	11
502	5	5 1/2"	III	7	11	15	19	7	7
503	5	5 1/2"	II	5	8	11	14	5	5
504	5	5 1/2"	IX	5	8	11	14	5	5
601	6	2 1/2"	V	2	3	4	5	2	2
602	6	2 1/2"	V	2	3	4	5	2	2
603	6	2 1/2"	V	2	3	4	5	2	2

TABLE ONE ~ BAR LIST FOR CURB INLETS, TYPE "R"

H"	LENGTH	NO. REQ.		L = 5 FT.		L = 10 FT.		L = 15 FT.	
		REGULAR	DROP BOX	CONC. CUL. YDS.	STEEL CUL. YDS.	CONC. CUL. YDS.	STEEL CUL. YDS.	CONC. CUL. YDS.	STEEL CUL. YDS.
3'-0"	2'-8"	10	7	3.2	285	5.3	497	7.4	706
3'-6"	3'-2"	10	7	3.4	305	5.7	538	7.9	747
4'-0"	3'-8"	12	9	3.7	326	6.0	559	8.4	786
4'-6"	4'-2"	12	9	3.9	344	6.4	571	8.8	803
5'-0"	4'-8"	14	11	4.1	354	6.7	602	9.3	844
5'-6"	5'-2"	16	13	4.4	375	7.0	607	9.4	850
6'-0"	5'-8"	18	15	4.6	382	7.2	635	9.6	880
6'-6"	6'-2"	18	15	4.8	402	7.4	637	9.8	880
7'-0"	6'-8"	20	17	5.0	423	7.6	654	10.0	897
7'-6"	7'-2"	20	17	5.3	430	7.9	664	10.3	907
8'-0"	7'-8"	22	19	5.5	451	8.1	684	10.5	927
8'-6"	8'-2"	24	21	5.7	471	8.3	702	10.7	944
9'-0"	8'-8"	24	21	6.0	479	8.6	711	11.0	954
9'-6"	9'-2"	26	23	6.2	499	8.8	721	11.3	974
10'-0"	9'-8"	28	25	27	18	6.4	520	9.0	942
10'-6"	10'-2"	28	25	28	18	6.7	527	9.3	959
11'-0"	10'-8"	30	27	30	20	6.9	547	9.5	1022

TABLE TWO ~ BARS AND QUANTITIES VARIABLE WITH "H"

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB INLET TYPE R		STANDARD PLAN NO. M-604-12	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	Phone: 303-757-9868	Project Development Branch	JBK
Last Modification Date: 07/31/19	Datelist Initials: LTA							Issued by the Project Development Branch July 31, 2019	Project Sheet Number:
CAO Ver: MicroStation V8	Scale: Not to Scale	Units: English							



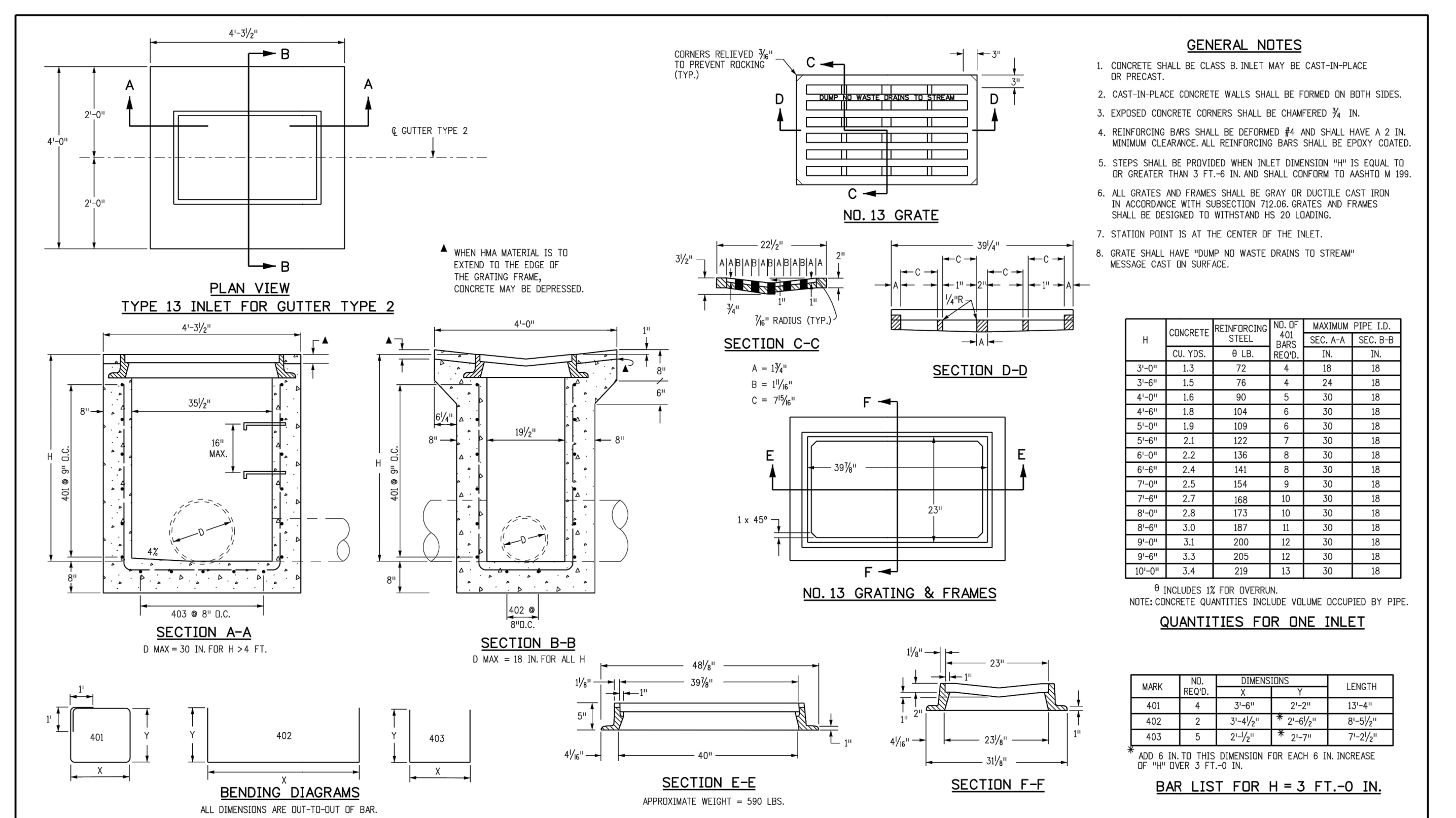
GENERAL NOTES:
 1. CONCRETE SHALL BE CLASS B INLET MAY BE CAST-IN-PLACE OR PRECAST.
 2. CONCRETE WALLS SHALL BE FORMED ON BOTH SIDES AND SHALL BE 8 INCHES THICK.
 3. INLET STEPS SHALL BE IN CONFORMANCE WITH AASHTO M 199.
 4. CURB FACE ASSEMBLY SHALL BE GALVANIZED AFTER WELDING.
 5. EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1/4" IN.
 6. REINFORCING BARS SHALL BE DEFORMED #4 AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE EPOXY COATED.
 7. DIMENSIONS AND WEIGHTS OF TYPICAL MANHOLE RING AND COVER ARE NOMINAL.
 8. MATERIAL FOR MANHOLE RINGS AND COVERS SHALL BE GRAY OR DUCTILE CAST IRON IN ACCORDANCE WITH SUBSECTION 712.06.
 9. SINCE PIPE ENTRIES INTO THE INLET ARE VARIABLE, THE DIMENSIONS SHOWN ARE TYPICAL. ACTUAL DIMENSIONS AND QUANTITIES FOR CONCRETE AND REINFORCEMENT SHALL BE AS REQUIRED IN THE WORK QUANTITIES INCLUDE VOLUMES OCCUPIED BY PIPES.
 10. STRUCTURAL STEEL SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
 11. ALL MANHOLE COVERS SHALL BE CAST WITH A "NO DUMPING DRAINS TO STREAM" MESSAGE AND A FISH SYMBOL. THE SURFACE OF THE MANHOLE COVER SHALL HAVE A NON-SLIP PATTERN.

TABLE ONE ~ BARS AND QUANTITIES VARIABLE WITH "H"

H"	LENGTH	NO. REQ.		L = 5 FT.		L = 10 FT.		L = 15 FT.	
		REGULAR	DROP BOX	CONC. CUL. YDS.	STEEL CUL. YDS.	CONC. CUL. YDS.	STEEL CUL. YDS.	CONC. CUL. YDS.	STEEL CUL. YDS.
3'-0"	2'-8"	10	7	3.2	285	5.3	497	7.4	706
3'-6"	3'-2"	10	7	3.4	305	5.7	538	7.9	747
4'-0"	3'-8"	12	9	3.7	326	6.0	559	8.4	786
4'-6"	4'-2"	12	9	3.9	344	6.4	571	8.8	803
5'-0"	4'-8"	14	11	4.1	354	6.7	602	9.3	844
5'-6"	5'-2"	16	13	4.4	375	7.0	607	9.4	850
6'-0"	5'-8"	18	15	4.6	382	7.2	635	9.6	880
6'-6"	6'-2"	18	15	4.8	402	7.4	637	9.8	880
7'-0"	6'-8"	20	17	5.0	423	7.6	654	10.0	897
7'-6"	7'-2"	20	17	5.3	430	7.9	664	10.3	907
8'-0"	7'-8"	22	19	5.5	451	8.1	684	10.5	927
8'-6"	8'-2"	24	21	5.7	471	8.3	702	10.7	944
9'-0"	8'-8"	24	21	6.0	479	8.6	711	11.0	954
9'-6"	9'-2"	26	23	6.2	499	8.8	721	11.3	974
10'-0"	9'-8"	28	25	27	18	6.4	520	9.0	942
10'-6"	10'-2"	28	25	28	18	6.7	527	9.3	959
11'-0"	10'-8"	30	27	30	20	6.9	547	9.5	1022

TABLE TWO ~ BARS AND QUANTITIES VARIABLE WITH "H"

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CURB INLET TYPE R		STANDARD PLAN NO. M-604-12	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	CDOT HQ, 3rd Floor	Denver, CO 80204	Phone: 303-757-9868	Project Development Branch	JBK
Last Modification Date: 07/31/19	Datelist Initials: LTA							Issued by the Project Development Branch July 31, 2019	Project Sheet Number:
CAO Ver: MicroStation V8	Scale: Not to Scale	Units: English							



GENERAL NOTES:
 1. CONCRETE SHALL BE CLASS B INLET MAY BE CAST-IN-PLACE OR PRECAST.
 2. CAST-IN-PLACE CONCRETE WALLS SHALL BE FORMED ON BOTH SIDES.
 3. EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1/4" IN.
 4. REINFORCING BARS SHALL BE DEFORMED #4 AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE EPOXY COATED.
 5. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FT.-6 IN. AND SHALL CONFORM TO AASHTO M 199.
 6. ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON IN ACCORDANCE WITH SUBSECTION 712.06 GRATES AND FRAMES SHALL BE DESIGNED TO WITHSTAND HS 20 LOADING.
 7. STATION POINT IS AT THE CENTER OF THE INLET.
 8. GRATE SHALL HAVE "NO DUMP WASTE DRAINS TO STREAM" MESSAGE CAST ON SURFACE.

QUANTITIES FOR ONE INLET

H	CONCRETE CUL. YDS.	REINFORCING STEEL B. LB.	NO. OF BARS REQ.	MAXIMUM PIPE I.D. SEC. A-A	SEC. B-B
3'-0"	1.3	72	4	18	18
3'-6"	1.5	76	4	24	18
4'-0"	1.6	90	5	30	18
4'-6"	1.8	104	6	30	18
5'-0"	1.9	109	6	30	18
5'-6"	2.1	122	7	30	18
6'-0"	2.2	136	8	30	18
6'-6"	2.4	141	8	30	18
7'-0"	2.5	154	9	30	18
7'-6"	2.7	168	10	30	18
8'-0"	2.8	173	10	30	18
8'-6"	3.0	187	11	30	18
9'-0"	3.1	200	12	30	18
9'-6"	3.3	205	12	30	18
10'-0"	3.4	219	13	30	18

Computer File Information

Computer File Information		Sheet Revisions		Colorado Department of Transportation		CONCRETE INLET TYPE 13		STANDARD PLAN NO. M-604-13	
Creation Date: 07/04/12	Initials: DD	Date:	Comments:	4201 East Arkansas Avenue	Denver, Colorado 80222	Phone: (303) 757-9083	Fax: (303) 757-9850	Project Development Branch	DD/LTA
Last Modification Date: 07/04/12	Initials: LTA							Issued By: Project Development Branch July 4, 2012	Project Sheet No. 1 of 1
Full Path: \\coloradodot\info\business\designsupport\									
Drawing File Name: 6040130101.dgn									
CAO Ver: MicroStation V8	Scale: Not to Scale	Units: English							

NO.	REVISION	DESCRIPTION	DATE

CONSTRUCTION DETAILS

ARBY'S

4456 VENETUCCI BOULEVARD

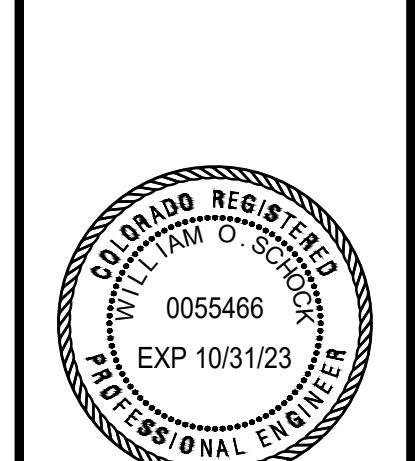
FOUNTAIN, COLORADO

EL PASO COUNTY

CONCRETE INLET TYPE 13

STANDARD PLAN NO. M-604-13

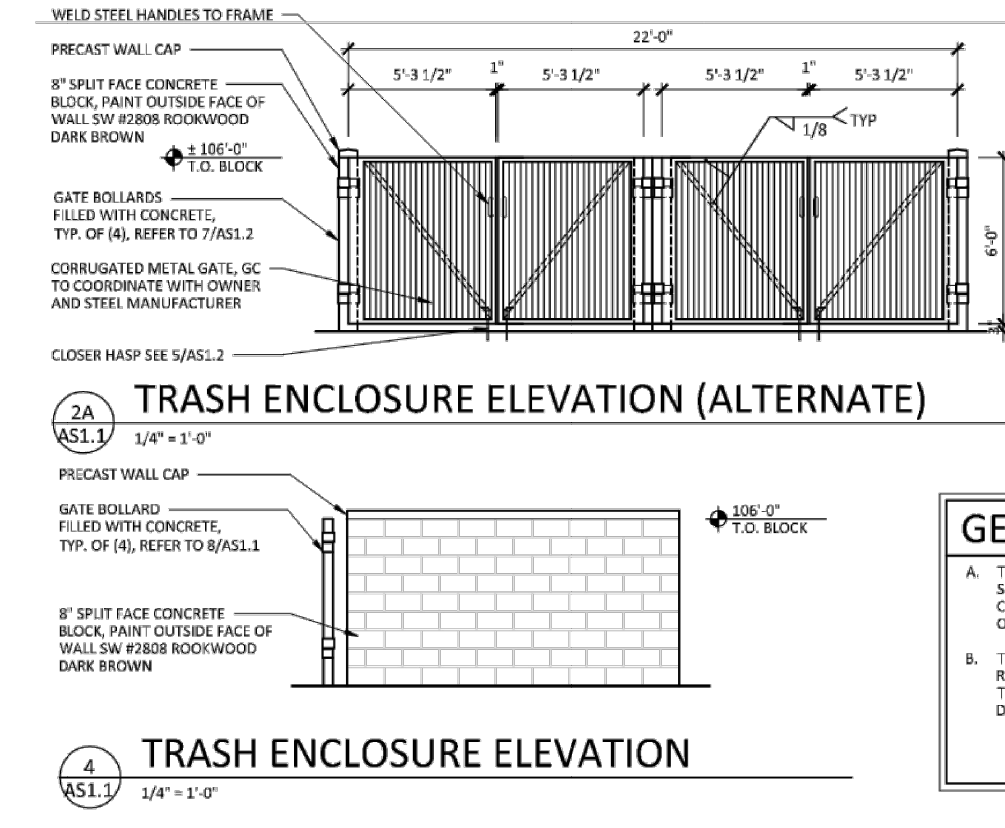
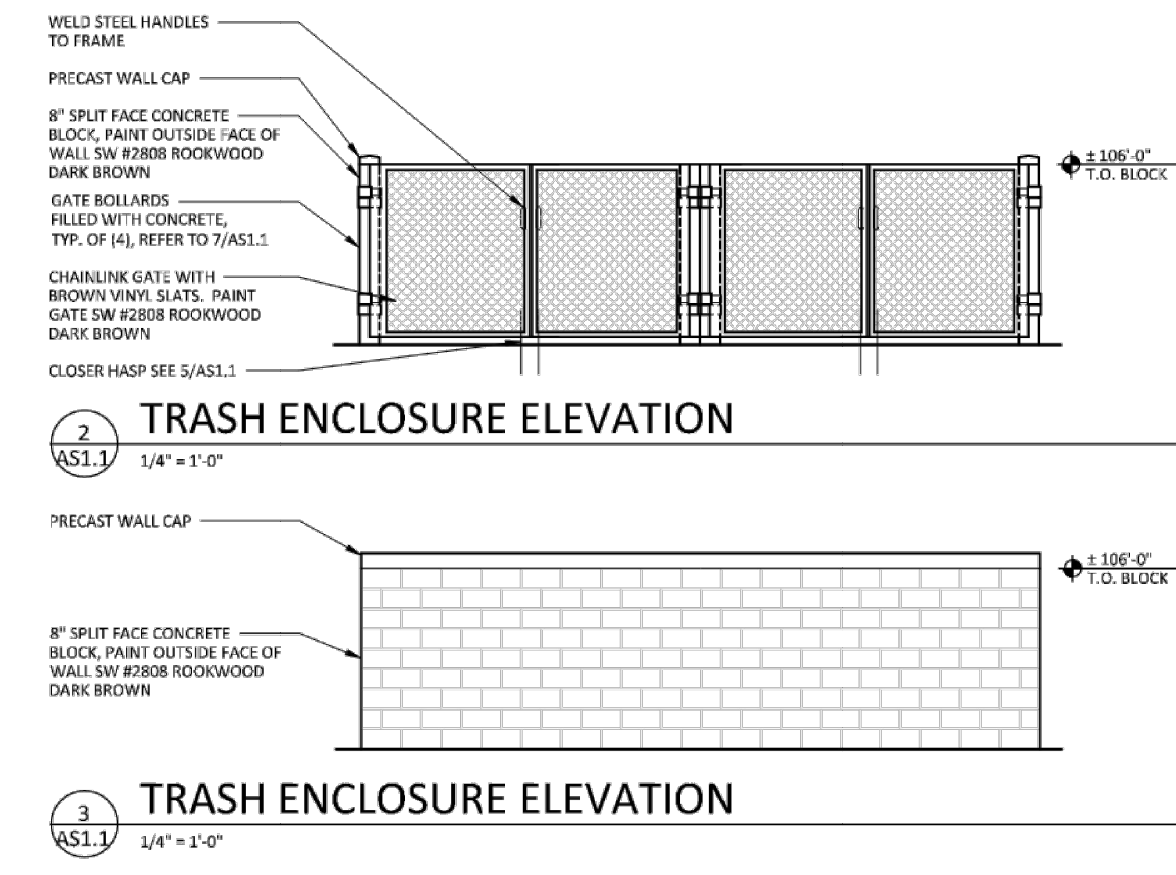
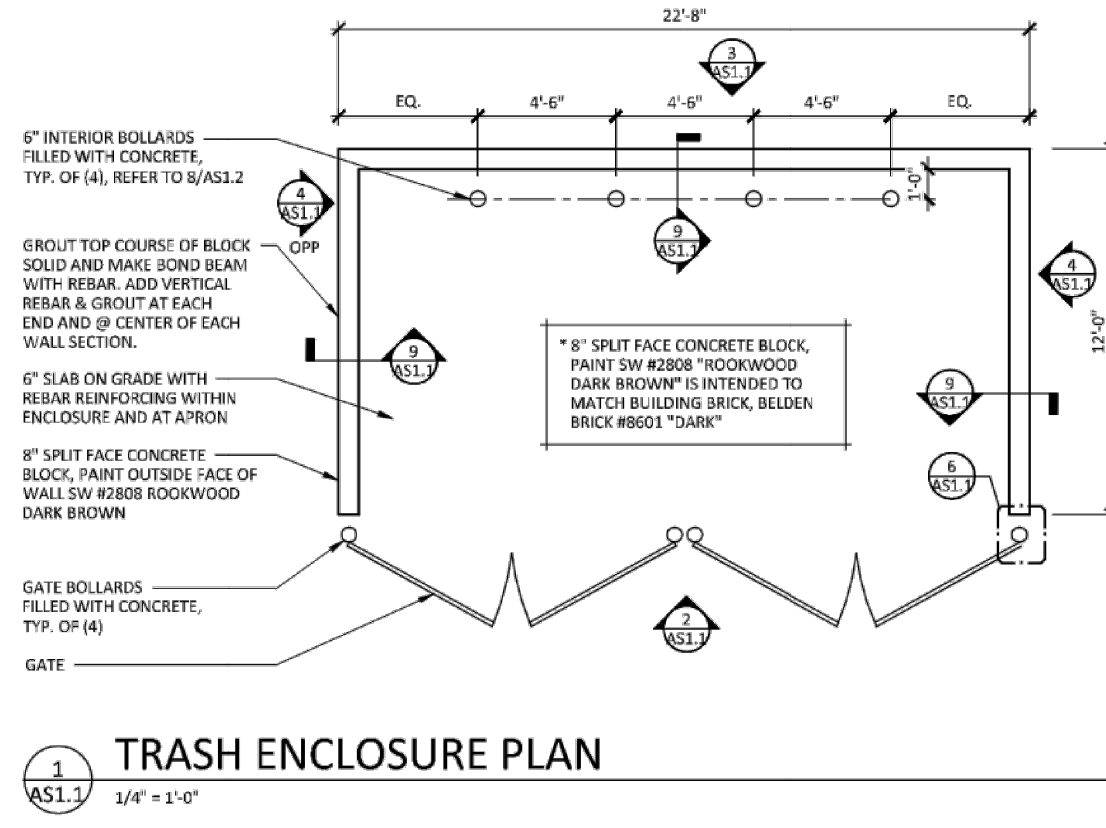
Sheet No. 1 of 1



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOOK, P.E. 0055466 ON Nov 18, 2022

EL	DC	BS
DESIGN	DRAWN	CHKD
SCALE:	1" = 20'	
JOB No.:	011098-01-001	
DATE:	11/18/2022	
SHEET	C-16	

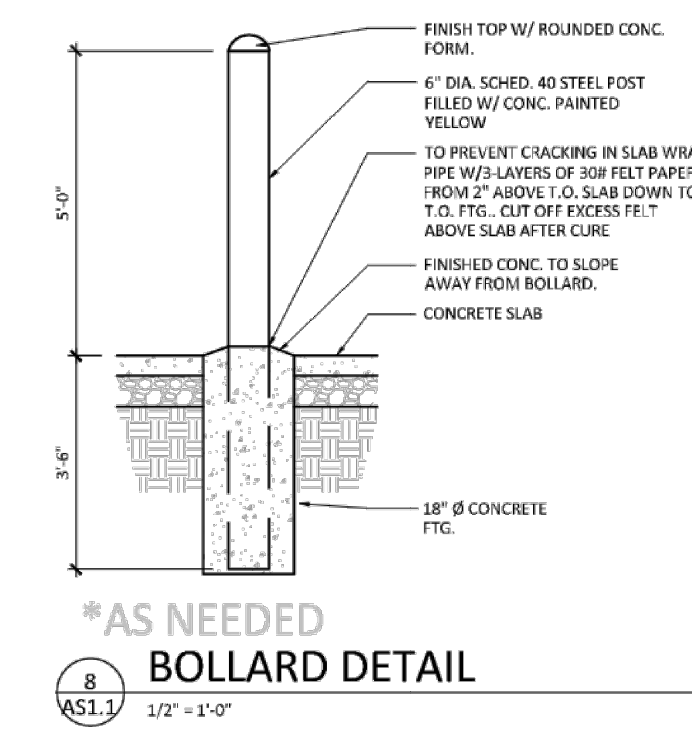
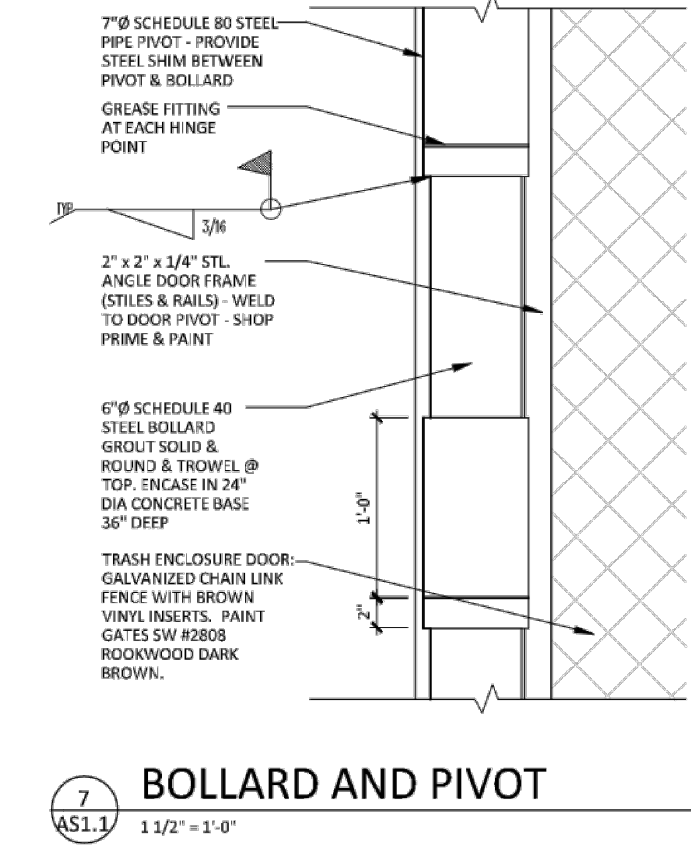
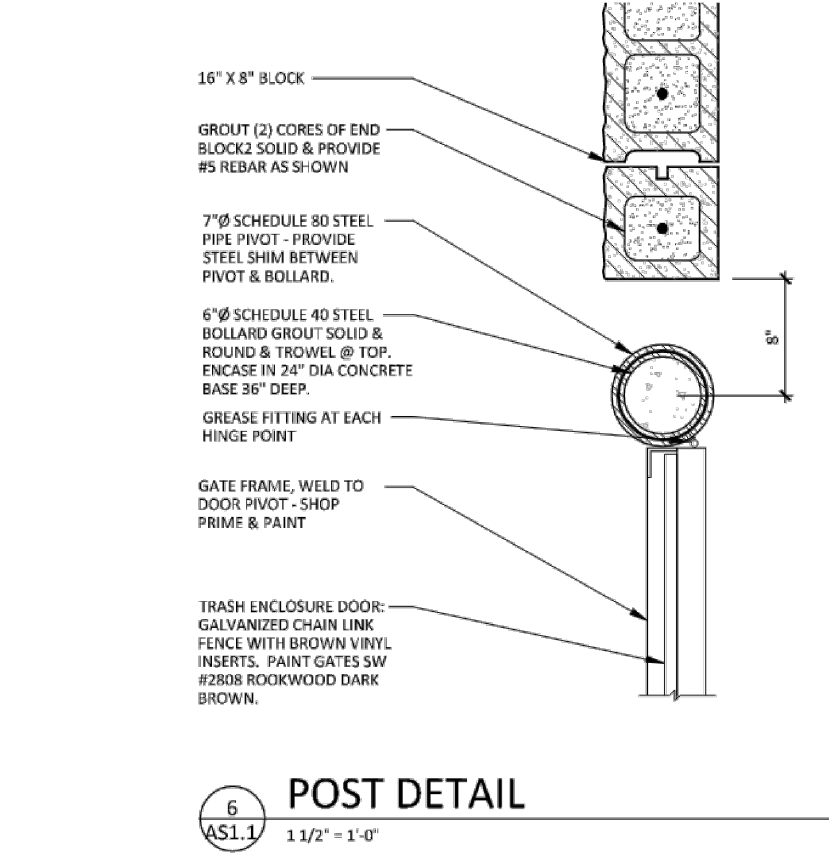
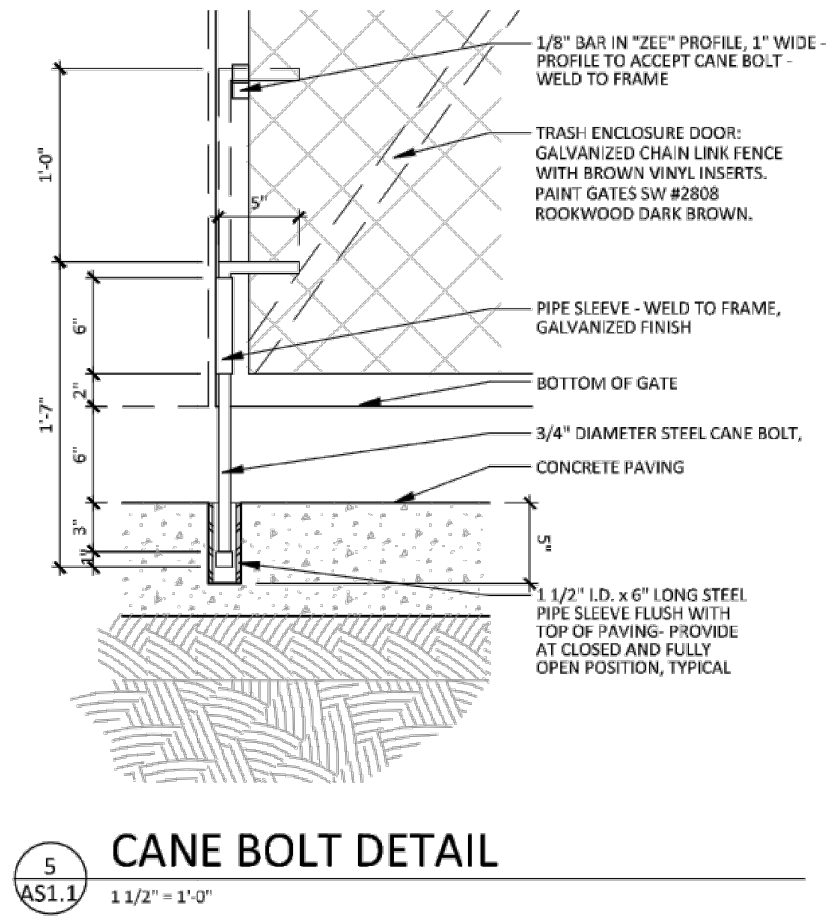
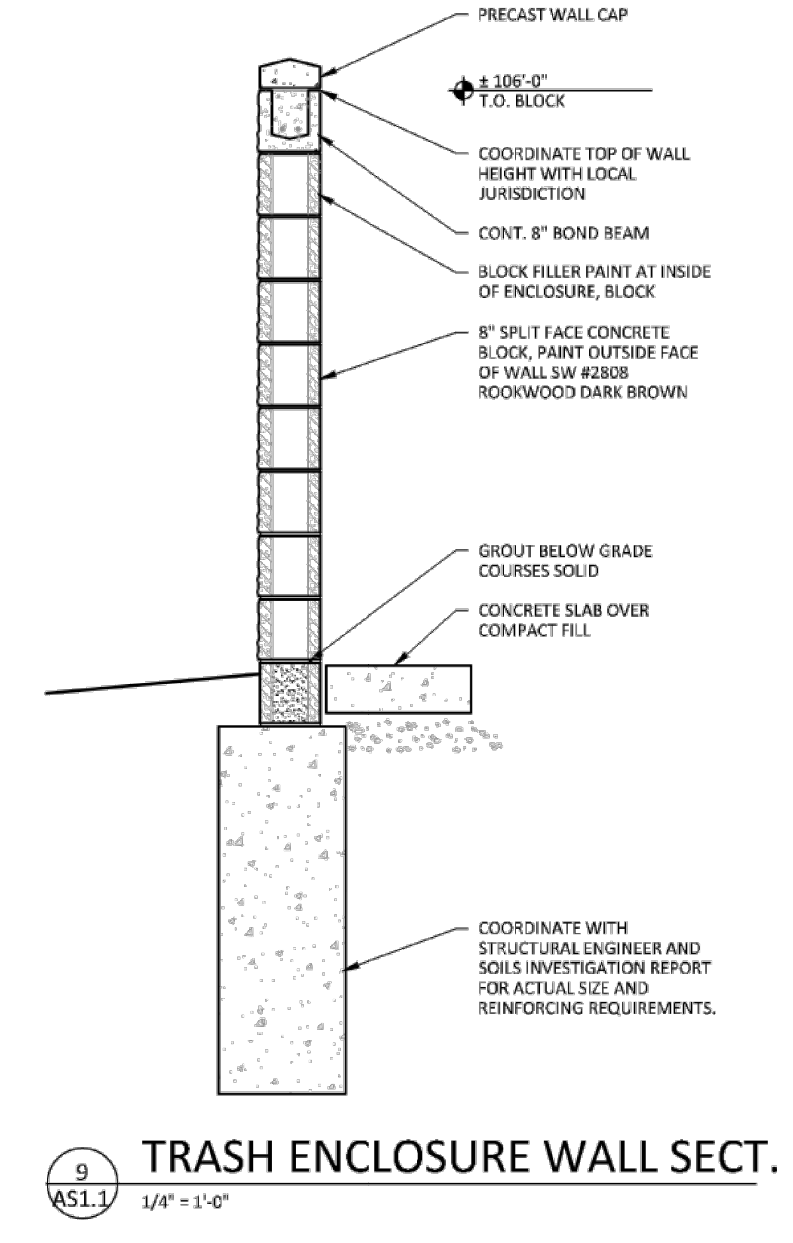
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICHT IT WAS PREPARED. RELEASE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ACCEPTANCE BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



GENERAL NOTES

A. THIS IS A TYPICAL SITE DETAILS. ALL PROJECT SPECIFIC INFORMATION NEEDS TO BE COORDINATED WITH THE G.E.C. ENGINEER, OWNER AND THE SOILS INVESTIGATION REPORT.

B. TRASH ENCLOSURE DETAILS ARE INTENDED FOR REFERENCE ONLY. G.E.C. ENGINEER TO SHOW TRASH ENCLOSURE LOCATION WITH ALL NECESSARY DIMENSIONS AND DETAILS ON THEIR RESPECTIVE.



NO.	REVISION	DESCRIPTION	DATE

CONSTRUCTION DETAILS
ARBY'S
 4456 VENETUCCI BOULEVARD
 FOUNTAIN, COLORADO
 EL PASO COUNTY



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

EL DESIGN	DC DRAWN	BS CHKO
SCALE: 1" = 20'		
JOB No.: 011098-01-001		
DATE: 11/18/2022		
SHEET C-17		