Town of Bayfield

East Mill Street Sidewalk Improvements



Vicinity Map

Scope of Work

Removal of sidewalk and curb and gutter. Installation of sidewalk; curb and gutter; curb ramps; valley pan, gravity block retaining wall, handrails, pavement markings, and site restoration.



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Project Engineer

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For Construction

October 2023

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Mill

Cover

Know what's **below. Call** before you dig.

UNCC 1-800-922-1987

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— — WS — — — — — —	- — ws — — — ws — —	WATER SERVICE LINE
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ss ss 	— ss —— ss ——	SANITARY SEWER SERVICE LINE
— FO — — FO — —	FO	FIBER OPTIC LINE
— — IRR — — — IRR — —	IRR	IRRIGATION LINE
>		DRAINAGE SWALE FLOWLINE
	xxxx	BARBED-WIRE FENCE LINE
		CHAIN LINK FENCE
<u>-</u>	—SF——SF——	SILT FENCE
		CULVERT & FES
– –		EDGE OF ASPHALT
		EDGE OF CONCRETE
		EDGE OF WATER
		CENTERLINE
000000000000000000000000000000000000000	000000000000000000000000000000000000000	ROCK WALL
		CONTOURS
		RIGHT-OF-WAY
V 1 1 1 1 1 1 1 1		VEGETATION
_	LDA LDA	
		RAILROAD TRACKS
+++++++++++++++++++++++++++++++++++++++		
_		TOP OF CUT
_		TOP OF FILL
		EASEMENT
_	AE	ACTIVITY ENVELOPE

<u>SYMBOLS</u>

ALTERNATIVE

MINIMUM 4" TOP SOIL OR SPECIFIED

<u>PROPOSED</u>

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	DESCRIPTION
	DECIDUOUS TREE
	CONIFEROUS TREE
	MONUMENT MARKER
	CONTROL POINT
	MARKERS (CATV, ELEC, FIBER)
	(TELE, TRAFFIC, UNKNOWN)
	PEDESTALS (CATV, ELEC, FIBER) (TELE, TRAFFIC, UNKNOWN)
	MANHOLES (DRAINAGE, ELEC, FIBER, IRRIGATION, SANITARY, TELEPHONE, UNKNOWN, WATER)
	VAULTS/HANDHOLES (CATV, ELEC, FIBER, TELE, TRAFFIC, UNKNOWN)
	ELECTRIC TRANSFORMER
	GAS VALVE
	SANITARY VALVE
	IRRIGATION CONTROL VALVE
	WATER VALVE
	WATER SHUTOFF VALVE
	FIRE HYDRANT
	VENTS(GAS, WATER, SEWER, MISC.)
	METERS (GAS, ELECTRIC, WATER)
	GAS WELL
	MONITORING WELL
	WATER WELL
	CLEAN-OUT
	PROPANE TANK (ABOVE GROUND)
	PROPANE TANK (UNDERGROUND)
	HEATING/AIR CONDITIONING UNIT
	WATER SPIGOT
	IRRIGATION CONTROL BOX
	IRRIGATION HEADGATE
	IRRIGATION SPRINKLER HEAD
	PVC PIPE
	FLAG POLE
	UTILITY POLE
	GUY WIRE
	STREET LIGHT POLE
	TRAFFIC LIGHT POLE
	FLOOD LIGHT
	SIGN
	MAILBOX
	BOLLARD
	SOIL BORING LOCATION
	TEST PIT LOCATION
	LARGE ROCK/BOULDER
	"T" POST
	SATELLITE DISH
	TRANSITION FROM SPILL TO CATCH GUTTER

FPS

FRTF

GALV

FT

FACE OF WALL

FRONT FACE

FEET GAS

GALLONS

GALVANIZED

GRADE BREAK

FEET PER SECOND

	<u>ABBREVIATIONS</u>								
@ •	AT DEGREE	GIS GPM	GEOGRAPHICAL INFORMATION SYSTEM GALLONS PER MINUTE	QA/QC	QUALITY ASSURANCE/QUALITY CONTROL				
Ø	DIAMETER	GPS	GLOBAL POSITIONING SYSTEM	QTY R	QUANTITY RIGHT				
# AAC	NUMBER ALUMINUM ARCH CULVERT	GR GRAV	GRAVEL GRAVEL	R-R	REMOVE AND REPLACE				
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY	GS	GAS SERVICE GALVANIZED STEEL PIPE	RAD RCP	RADIUS REINFORCED CONCRETE PIPE				
ABC	AND TRANSPORTATION OFFICIALS AGGREGATE BASE COURSE	GSP GV	GALVANIZED STEEL PIPE GATE VALVE	REF	REFERENCE				
ABUT	ALUMINUM ARCH CULVERT AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AGGREGATE BASE COURSE ABUTMENT ASBESTOS CONTAINING MATERIAL ASBESTOS CEMENT PIPE AMERICANS W/ DISABILITIES ACT AVERAGE DAILY TRIPS ALTERNATE	HAZMAT H.C	HAZARDOUS MATERIALS HANDICAP RAMP	REQ REVEG	REQUIRED REVEGETATE				
ACM ACP	ASBESTOS CONTAINING MATERIAL ASBESTOS CEMENT PIPE	HCL	HORIZONTAL CONTROL LINE	RFTA	ROARING FORK TRANSIT AUTHORITY				
ADA	AMERICANS W/ DISABILITIES ACT	HDPE HMA	HIGH DENSITY POLYETHYLENE HOT MIXED ASPHALT	ROW RP	RIGHT OF WAY RADIUS POINT				
ADT ALT	ALTERNATE	HORIZ	HORIZONTAL	RSS	REINFORCED SOIL SLOPE				
AP APWA	ANGLE POINT	110 V	HIGH OCCUPANCY VEHICLE HIGH POINT	RW	RETAINING WALL				
AS	AMERICAN PUBLIC WORKS ASSOCIATION ASPHALT	HPG	HIGH PRESSURE GAS	SAC SAN	STEEL ARCH CULVERT SANITARY				
ASD ASPH	ALLOWABLE STRESS DESIGN ASPHALT	HWY HYD	HIGHWAY HYDRANT	SB	SOUTH BOUND				
ATB	ASPHALT TREATED BASE	ID INT	INSIDE DIAMETER INTERSECTION	SCF SD	SEDIMENT CONTROL FENCE STORM DRAIN				
BBL BCKF	BARRELS BACK FACING	INV	INVERT	SDR	STANDARD DIMENSION RATIO				
BLKF BLM	BLOCK FACING	IP JB	INLET PROTECTION JUNCTION BOX	SE SECT	SOUTHEAST SECTION				
ВМ	BUREAU OF LAND MANAGEMENT BENCHMARK	KIP	THOUSAND POUNDS	SECT	SQUARE FEET				
BMP BOW	BEST MANAGEMENT PRACTICES BACK OF SIDEWALK	KW L	KILOWATT LEFT	SHLDR	SHOULDER				
BP	BEGIN PROJECT, BEGINNING POINT	LGTH LB	LENGTH POUNDS	SL SMH	SANITARY SEWER LINE SANITARY SEWER MANHOLE				
BT BVCE	BEGIN TRANSITION BEGINNING VERTICAL CURVE	LB/FT	POUNDS POUNDS PER FOOT	SOD	GRASS AREA				
	ELEVATION	LEÉD	LEADERSHIP IN ENERGY AND	SS SSD	SANITARY SEWER SERVICE STOPPING SIGHT DISTANCE				
BVCS BW	BEGINNING VERTICAL CURVE STATION BOTTOM OF WALL	LF	ENVIRONMENTAL DESIGN LINEAR FOOT	CTA	STATION				
	BOTTOM OF WALL CURB	LOMR	LINEAR FOOT LETTER OF MAP REVISION LOW PRESSURE FORCE MAIN LOW POINT LUMP SUM LANDSCAPED AREA	STBK SW	SETBACK SIDEWALK				
CBC CC	CURB CONCRETE BOX CULVERT CURB CUT COLORADO DEPARTMENT OF TRANSPORTATION COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT CUBIC FEET CUBIC FEET PER SECOND CURB AND GUTTER CURB INLET CAST IN PLACE CENTERLINE CONDITIONAL LETTER OF MAP REVISION	LP	LOW POINT	SY SY	SQUARE YARDS				
CDOT	COLORADO DEPARTMENT OF	LS	LUMP SUM	SYM	SYMMETRICAL				
CDPHE	COLORADO DEPARTMENT OF PUBLIC	LSA LT	LIGHT POLE	T TAN	TREAD STAIRS TANGENT				
CF	HEALTH AND ENVIRONMENT CUBIC FEFT	LTB	LIGHT POLE LIME TREATED BASE	TBC	TOP BACK OF CURB				
CFS	CUBIC FEET PER SECOND	LUM M	LUMINARY METERS	TBLK TC	THRUST BLOCK TOP OF CURB				
CG CI	CURB AND GUITER CURB INLET	MAT'L	MATERIAL	TCF	TEMPORARY CONSTRUCTION EASEMENT				
CIP	CAST IN PLACE	MAX	MAXIMUM	TCP TELE	TRAFFIC CONTROL PLAN TELEPHONE				
CLOMR	CENTERLINE CONDITIONAL LETTER OF MAP REVISION CORRUGATED METAL PIPE	MH MHT	MANHOLE METHOD OF HANDLING TRAFFIC	TEMP	TEMPORARY				
CMP CMU	CORRUGATED METAL PIPE	MIN	MINIMUM	TP	TOP OF PIPE				
CO	CONCRETE	MISC MI	MAXIMUM MANHOLE METHOD OF HANDLING TRAFFIC MINIMUM MISCELLANEOUS MEGALUG	TRANS TRFLG	TRANSITION TRAFFIC FLANGE OF FIRE HYDRANT				
COM CONC	COMMUNICATIONS CONCRETE	MLW	MASONRY LANDSCAPE WALL	TW	TOP OF WALL				
CONST	CONSTRUCTION	MP MDH	MILE POST MILES PER HOLIR	IYP UCTV	TYPICAL UNDERGROUND CABLE TELEVISION LINE				
CONT COR	CONTINUOUS CORNER	MSE	MASONRY LANDSCAPE WALL MILE POST MILES PER HOUR MECHANICALLY STABILIZE EARTH	UE	LINIDEDODOLINID ELECTRIC LINIE				
CPE CSP	CORRUGATED STEEL BIRE	MUTCD	MECHANICALLY STABILIZE EARTH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MONITORING WELL NORTHING NOT APPLICABLE NATIVE GRASS AREA	UG LISACE	UNDERGROUND GAS LINE US ARMY CORPS OF ENGINEERS				
CTB	CEMENT TREATED BASE	MW	MONITORING WELL	USGS	US GEOLOGICAL SURVEY				
CU CY	CUBIC CUBIC YARD	N	NORTHING	UT	UNDERGROUND TELEPHONE LINE VERTICAL CURVE				
D	DEEP	N/A NAT	NOT APPLICABLE NATIVE GRASS AREA	VCP	VITRIFIED CLAY PIPE				
DB DEG	DEGREES DEGREES	NAVD	NORTH AMERICAN VERTICAL DATUM	VP	V/(LLL1 1/(IV				
DHV DIA	DESIGN HOUR VOLUME	NB NE	NORTH AMERICAN VERTICAL DATUM NORTH BOUND NORTHEAST	W	VEHICLE TRACKING CONTROL WIDE				
DIP	DUCTILE IRON PIPE	NEPA	NATIONAL ENVIRONMENTAL POLICY ACT	W/	WITH				
DOW DR	DIVISION OF WILDLIFE	NFPA	NATIONAL CEOPETIC VERTICAL DATUM 1020	WB	WEST BOUND WATER LINE				
DTM	CONDITIONAL LETTER OF MAP REVISION CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CONCRETE COMMUNICATIONS CONCRETE CONSTRUCTION CONTINUOUS CORNER CORRUGATED POLYETHYLENE PIPE CORRUGATED STEEL PIPE CORRUGATED BASE CUBIC CUBIC CUBIC YARD DEEP DECIBELS DEGREES DESIGN HOUR VOLUME DIAMETER DUCTILE IRON PIPE DIVISION OF WILDLIFE DRAIN DIGITAL TERRAIN MODEL DRIVEWAY	NHS	NATIONAL GEODETIC VERTICAL DATUM 1929 NATIONAL HIGHWAY SYSTEM	WS	WATER SERVICE				
DW DWG	DRIVEWAY DRAWING	NIP	NAIL IN PLACE	WQCD WS	WATER QUALITY CONTROL DIVISION WATER SERVICE				
E EA	EASTING EACH	NO NPDES	NUMBER NATIONAL POLLUTANT DISCHARGE	WWM	WELDED WIRE MESH				
EB	EAST BOUND		ELIMINATION SYSTEM	X-S YD	CROSS SLOPE YARD				
EG EL	EXISTING GRADE ELEVATION	NTP NTS	NOTICE TO PROCEED NOT TO SCALE	ID	TARD				
ELEV	ELEVATION	NW	NORTHWEST						
EOA EOD	EDGE OF ASPHALT EDGE OF DRIVEWAY	0/S 0C	OFFSET ON CENTER						
EOC	EDGE OF CONCRETE	OD	OUTSIDE DIAMETER						
EOG EOM	EDGE OF GRAVEL EDGE OF MILLNGS	ОН	OVERHEAD						
EOP EP	EDGE OF PAVEMENT END PROJECT, END POINT	OP OT	OUTLET PROTECTION OVERHEAD TELEPHONE						
EPA	ENVIRONMENTAL PROTECTION AGENCY	PC	POINT OF CURVATURE						
ES ESMT	ELECTRIC SERVICE EASEMENT	PCC PED	POINT OF COMPOUND CURVATURE PEDESTRIAN						
EST	ESTIMATE	PERM	PERMANENT						
EVCE EVCS	END VERTICAL CURVE ELEVATION END VERTICAL CURVE STATION	PG	PAGE						
EX	EXISTING	PGL PI	PROFILE GRADE LINE POINT OF INTERSECTION						
EXIST EXT	EXISTING EXTERIOR	PL	PROPERTY LINE						
FAA	FEDERAL AVIATION ADMINISTRATION	PM PNT	PROJECT MANAGER POINT						
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	POC	POINT ON CURVE						
FES FF	FLARED END SECTION FINISHED FLOOR	POT PRC	POINT ON TANGENT POINT OF REVERSE CURVE						
FG	FINISHED GRADE	PROP	PROPOSED						
FH FHWA	FIRE HYDRANT FEDERAL HIGHWAY ADMINISTRATION	PRV	PRESSURE REDUCING VALVE						
FL	FLOWLINE	PSF PSI	POUNDS PER SQUARE FEET						

PSI

PUD

PVC

PVMT

PVT

PVI

PT

POUNDS PER SQUARE INCH

PLANNED UNIT DEVELOPMENT

POINT OF VERTICAL INTERSECTION

POINT OF VERTICAL TANGENCY

POINT OF TANGENCY

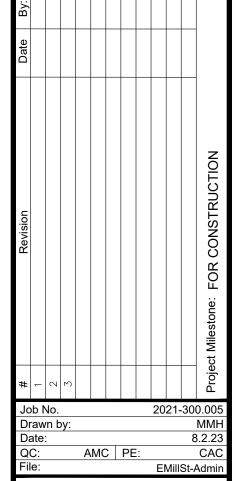
POLYVINYL CHLORIDE

PEAK DISCHARGE

PAVEMENT



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Legend and Abbreviations

general requirements:

- WORK SHALL MEET STANDARDS SET BY THE PROJECT'S JURISDICTIONS OF AUTHORITY. THIS INCLUDES BUT IS NOT LIMITED TO TOWN STANDARDS, COUNTY STANDARDS, AND STATE STANDARDS.
- 2. THE CONTRACTOR AND SUBCONTRACTORS SHALL HAVE A COPY OF ALL APPLICABLE STANDARDS, CURRENT APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS ON SITE AT ALL TIMES.
- ALL WORK SHALL BE DONE TO THE HORIZONTAL AND VERTICAL INFORMATION SHOWN ON THE PLANS. NO FIELD CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- 4. THE DESIGN IS BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. THIS INCLUDES BUT IS NOT LIMITED TO SITE CONDITIONS, FEATURES AND STRUCTURES, AND TOPOGRAPHICAL INFORMATION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FEATURES SHOWN. THE CONTRACTOR SHALL REVIEW AND VERIFY EXISTING PHYSICAL FEATURES AND ELEVATIONS OF THE CONDITIONS TO BE ENCOUNTERED DURING CONSTRUCTION.
- ANY DISCREPANCY WITHIN THESE PLANS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
- LIMITS OF CONSTRUCTION SHALL BE 5' BEYOND GRADING LIMITS, BASE OF FILL SLOPES OR TOP OF CUT SLOPES, BUT NOT BEYOND FENCE LINE, EASEMENT OR RIGHT-OF-WAY. PROJECT LIMITS SHALL ALSO INCLUDE ANY DESIGNATED BORROW AREAS, EXCAVATION DISPOSAL AREAS AND MATERIAL OR TOPSOIL STOCKPILE AREAS.
- 7. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. CONSTRUCTION ACTIVITIES INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER, AND ANY OTHER ACTION WHICH WOULD ALTER EXISTING CONDITIONS.
- WORK INSIDE PUBLIC RIGHT-OF-WAY IS ANTICIPATED AND WILL BE APPROVED. USE OF PRIVATE PROPERTY FOR THE PROJECT OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE APPROVED IN WRITING BY THE PROPERTY OWNER WITH A COPY OF THIS APPROVAL PROVIDED TO THE ENGINEER PRIOR TO USAGE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY PERFORMING ALL WORK IN ACCORDANCE WITH APPLICABLE OSHA STANDARDS AND REGULATIONS.
- 10. THE ENGINEER AND OWNER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- 11. ALL PUBLIC AND PRIVATE UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS (OR AS REQUIRED BY UTILITY COMPANIES) PRIOR TO COMMENCEMENT OF WORK ADJACENT TO THE UTILITY.
- 12. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE OWNER AND THEIR ASSIGNED REPRESENTATIVE. THE OWNER AND THEIR ASSIGNED REPRESENTATIVE RESERVE THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DO NOT CONFORM TO THE PLANS OR SPECIFICATIONS.
- 13. PROJECT ACCEPTANCE TESTING WILL BE PERFORMED BY AN INDEPENDENT, COMMERCIAL LABORATORY RETAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE THE SCHEDULING OF THE TESTS.
- 14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE A SUFFICIENT NUMBER OF PRE-CONSTRUCTION PHOTOGRAPHS/VIDEOS TO RESOLVE ANY DISPUTES, WHICH MAY ARISE REGARDING THE CONDITIONS PRIOR TO AND SUBSEQUENT TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COPIES OF THE PRE-CONSTRUCTION PHOTOGRAPHS/VIDEOS TO THE ENGINEER PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL IDENTIFY ANY APPARENT POTENTIAL PROBLEMS AT THAT TIME.
- 15. PROGRESS AND RECORD PHOTOGRAPHS/VIDEOS SHALL BE PROVIDED BY THE CONTRACTOR TO RESOLVE DISPUTES AND TO DOCUMENT THE WORK PERFORMED AS A SUPPLEMENT TO THE RECORD DRAWINGS. IN GENERAL, ANY PHOTOGRAPHS/VIDEOS SHOULD BE SUFFICIENT TO SHOW THAT ALL WORK WAS PROPERLY COMPLETED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- 16. SUBMITTALS SHALL BE PROVIDED FOR ALL MATERIALS TO BE INCORPORATED INTO THE PROJECT. SHOP DRAWINGS SHALL BE PROVIDED FOR ALL ITEMS HAVING DIMENSIONAL REQUIREMENTS. MATERIALS SUBMITTALS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. THE ENGINEER'S REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR ACCURACY, PROPER FIT OR PROPER FUNCTIONING AND PERFORMANCE OF THE WORK.
- 17. THE CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP AND LAYOUT DRAWINGS, PRODUCT DATA, SAMPLES, MATERIALS, MANUALS AND PLANS PRIOR TO SUBMITTING TO THE ENGINEER. APPROVAL BY THE CONTRACTOR INDICATES THAT THEY HAVE VERIFIED ALL MATERIALS AND FIELD MEASUREMENTS WITH THOSE SHOWN ON THE DRAWINGS. APPROVAL ALSO INDICATES THAT THE CONTRACTOR HAS COORDINATED INFORMATION CONTAINED IN THE SUBMITTAL WITH WORK REQUIREMENTS OF ALL TRADES AND WITH THE CONTRACT DOCUMENTS
- 18. AT NO TIME SHALL MATERIALS BE SUBSTITUTED FOR THOSE SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS, UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER PRIOR TO RELATED CONSTRUCTION AT THE SITE. ANY DEVIATION FROM THE DRAWINGS AND SPECIFICATIONS SHALL BE ACCOMPANIED BY WRITTEN APPROVAL OF THE ENGINEER.
- 19. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY FACILITIES FOR THEIR OWN CONVENIENCE OR TO MEET LOCAL, STATE OR FEDERAL REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, POTABLE WATER, SANITARY WASTE FACILITIES, POWER, TELEPHONE, INTERNET, ETC. SANITARY FACILITIES SHALL BE LOCATED ON SITE AND SHALL BE FULLY OPERATIONAL BEFORE CONSTRUCTION CAN BEGIN. SANITARY FACILITIES SHALL BE FIRMLY SECURED AGAINST OVERTURNING AND SHALL BE PLACED AWAY FROM FLOW LINES OF STREETS, RAIN GARDENS AND AWAY FROM INLETS. THE COST OF THESE FACILITIES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- 20. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAILY CLEANING OF THE JOB SITE DURING AND AFTER CONSTRUCTION. A CONTINUING EFFORT SHALL BE MADE THROUGH THE DURATION OF THE CONTRACT TO KEEP ALL AREAS CLEAN AND FREE OF ALL RUBBISH, REMOVED VEGETATION, CONSTRUCTION WASTE, EMPLOYEE WASTE, AND OTHER OBJECTIONABLE MATERIALS GENERATED FROM THE PROJECT. WEEDS SHALL BE REMOVED IN DISTURBED AREAS PRIOR TO THEIR PRODUCING SEED AND PRIOR TO FINISHED GRADING AND LANDSCAPING
- 21. FINAL CLEAN-UP MUST BE APPROVED AND ACCEPTED BY THE OWNER BEFORE THE CONTRACT MAY BE CONSIDERED COMPLETE.
- 22. THE CONTRACTOR SHALL MAINTAIN TWO FULL SETS OF CONTRACT DRAWINGS MARKED UP TO INDICATE THE AS-BUILT CONDITIONS. THE DRAWINGS SHALL BE PROVIDED TO THE OWNER AND THE ENGINEER UPON COMPLETION OF THE WORK. WHERE PRACTICAL, THE CONTRACTOR IS TO PROVIDE AT LEAST TWO TIES FROM PHYSICAL MONUMENTS TO ALL FITTINGS, VALVES, MANHOLES, AND THE END OF ALL SERVICE LINES.

SURVEY NOTES:

- SOURCE OF MAPPING: EXISTING FIELD CONDITIONS WERE GENERATED BY A SURVEY PERFORMED BY SGM, DURANGO, CO.
- 2. PROPERTY LINES, MONUMENTS, BENCHMARKS, SURVEY CONTROL, AND ADDITIONAL HISTORIC SURVEY INFORMATION CANNOT BE REMOVED FOR CONSTRUCTION. DISTURBED SURVEY ITEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE RESTORED BY A STATE OF COLORADO LICENSED LAND SURVEYOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION STAKING OF BOTH HORIZONTAL AND VERTICAL LAYOUT ON THIS PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER FOR INTERPRETATION AND INFORMATION IN STAKING OF THE PROJECT FOR CONSTRUCTION.

PERMITS:

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK AND SHALL COMPLY WITH THE PERMIT CONDITIONS. REQUIRED PERMITS INCLUDE, BUT NOT LIMITED TO, RIGHT-OF-WAY PERMIT.

ACCESS AND PROTECTION REQUIREMENTS:

- CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION. PRIOR TO BEGINNING ANY WORK THAT MAY AFFECT ACCESS, CONTRACTOR SHALL NOTIFY THE AFFECTED PROPERTY OWNER AS WELL AS THE LOCAL EMERGENCY SERVICES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE JURISDICTION OF AUTHORITY OR ENGINEER. TRAFFIC CONTROL PLAN SHALL INCLUDE METHODS OF HANDLING TRAFFIC (MHT'S) APPLICABLE TO THE WORK.
- 3. ALL CONSTRUCTION TRAFFIC CONTROL SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PEDESTRIAN AND ADA COMPLIANT ACCESS DURING CONSTRUCTION.
- NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC RIGHT-OF-WAY OUTSIDE OF APPROVED WORKING HOURS. THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND OTHER OBSTRUCTIONS FROM THE PUBLIC RIGHT-OF-WAY AT THE END OF EACH DAY'S WORK AND AT OTHER TIMES WHEN CONSTRUCTION OPERATIONS ARE SUSPENDED FOR ANY REASON.

- 6. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL TREES, BUSHES, AND EXISTING IMPROVEMENTS INSIDE AND OUTSIDE THE LIMITS OF WORK NOT CALLED OUT FOR REMOVAL OR REPLACEMENT.
- TREES AND VEGETATION SHALL BE PROTECTED WITH INSTALLATION OF CONSTRUCTION FENCING AT DRIP LINE OF TREES AND PLANTS NEAR THE WORK ZONE. HAND EXCAVATION REQUIRED AT ROOT ZONES WHERE PROPOSED PAVING OR UTILITY WORK IS WITHIN DRIPLINE OF TREES. TREES AND VEGETATION THAT ARE NOTED FOR PROTECTION AND DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S COST.
- 8. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL AFFECTED OR DAMAGED LANDSCAPING, INCLUDING
- IRRIGATION, WITH SIMILAR MATERIALS AND PLANTS. SOD SHALL BE USED TO REPLACE LAWN. 9. THE CONTRACTOR SHALL PROTECT THE EXISTING DRAINAGE STRUCTURES AND REROUTE ANY RUNOFF AS
- NECESSARY DURING CONSTRUCTION ACTIVITIES TO PREVENT EROSION AND DAMAGE.
- 10. ALL EXISTING UTILITIES, EITHER UNDERGROUND OR OVERHEAD, SHALL BE MAINTAINED IN CONTINUOUS SERVICE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ANY DAMAGE TO, OR INTERRUPTION OF SERVICES CAUSED BY THE CONSTRUCTION.

EXISTING UTILITY SURVEY NOTES:

- 1. THIS PROJECT <u>does not meet</u> the conditions for a "subsurface utility engineering-required PROJECT," AS SET FORTH IN THE 8/8/2018 COLORADO STATE LAW.
- 2. EXISTING UTILITIES ARE DEPICTED ACCORDING TO THE BEST AVAILABLE INFORMATION, ARE NOT GUARANTEED TO BE ALL INCLUSIVE, AND REPRESENT CONDITIONS AT THE TIME OF DATA COLLECTION. RELIANCE UPON THIS UTILITY DATA FOR RISK MANAGEMENT PURPOSES DOES NOT RELIEVE CLIENT/CONTRACTOR OR UTILITY OWNER FROM FOLLOWING ALL APPLICABLE UTILITY DAMAGE PREVENTION STATUTES, POLICIES, AND/OR PROCEDURES DURING EXCAVATION. PRIOR TO EXCAVATION, CLIENT/CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811 OR 800-922-1987, TO VERIFY EXISTING UTILITIES AND HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ADDITIONAL SURVEYING WORK MAY BE REQUIRED TO UPDATE THIS DRAWING IF ADDITIONAL UNDERGROUND UTILITY LINES ARE PRESENTED BY UTILITY OWNERS. SGM WILL NOT BE RESPONSIBLE FOR THE PROTECTION OF UNDERGROUND UTILITIES.
- 3. ANY SUBSURFACE UTILITIES NOT SHOWN, WERE NOT MARKED BY APPROPRIATE UTILITY COMPANIES AT THE TIME OF THIS SURVEY AND THEREFORE MAY NOT BE SHOWN HEREON. UNDERGROUND UTILITIES LOCATES HAVE BEEN MARKED BY SGM. ONLY PAINT MARKS AND UTILITY PIN FLAGS ON THE GROUND SURFACE WERE SURVEYED BY SGM AS PART OF THIS SURVEY. CONTRACTOR MUST CONTACT SPECIFIC UTILITY COMPANIES TO VERIFY BOTH THE LOCATION AND DEPTH OF RESPECTIVE UTILITIES. ADDITIONAL SURVEYING WORK MAY BE REQUIRED TO SHOW ANY SUCH SUBSURFACE UTILITY LOCATIONS ON THIS DRAWING. SGM WILL NOT BE RESPONSIBLE FOR PROTECTION OF SUBSURFACE UTILITIES.
- 4. UNDERGROUND UTILITIES WERE LOCATED BY TOWN OF BAYFIELD, LA PLATA ELECTRIC ASSOCIATION, BLACK HILLS ENERGY, AND USIC FOR LUMEN TEL AND THEN SURVEYED BY SGM. THE SURVEYED LOCATIONS OF UNDERGROUND UTILITIES ARE BASED ON PAINT MARKS AND PIN FLAGS ON THE GROUND.

TEMPORARY EROSION CONTROLS MEASURES:

- 1. THE CONTRACTOR SHALL IMPLEMENT EROSION CONTROL MEASURES (A.K.A. BEST MANAGEMENT PRACTICES OR BMPs), TO CONTROL EROSION AND SEDIMENTATION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL TEMPORARY EROSION CONTROL MEASURES.
- 2. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY SITE GRADING OR EXCAVATION ACTIVITIES. CONTRACTOR SHALL ALSO IMPLEMENT APPROPRIATE CONTROL MEASURES FOR PROTECTION OF WETLANDS, SENSITIVE HABITAT, AND EXISTING VEGETATION FROM GROUND DISTURBANCE AND OTHER POLLUTANT SOURCES BEFORE CONSTRUCTION BEGINS.
- 3. THE CONTRACTOR SHALL INSPECT THE CONSTRUCTION SITE, INCLUDING ALL BMP'S, STORAGE CONTAINERS, AND CONSTRUCTION EQUIPMENT, AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OR SNOW MELT THAT MAY CAUSE SURFACE EROSION.
- 4. CONTROL MEASURES SHALL BE MAINTAINED, INCLUDING REMOVAL OF COLLECTED SEDIMENT WHEN SILT DEPTH IS 50 PERCENT OR MORE OF THE EFFECTIVE HEIGHT OF THE EROSION CONTROL DEVICE. DAMAGES RESULTING FROM FAILURE TO MAINTAIN CONTROL MEASURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 5. THE STORMWATER MANAGEMENT PLAN SHALL BE UPDATED TO REFLECT NEW OR REVISED CONTROL MEASURES DUE TO CHANGES IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE CONSTRUCTION SITE. UPDATES MUST BE MADE WITHIN 72 HOURS FOLLOWING THE CHANGE IN CONTROL MEASURES
- 6. WHENEVER SEDIMENT COLLECTS ON THE PAVED SURFACE, THE SURFACE SHALL BE CLEANED. SWEEPING SHALL BE COMPLETED WITH A PICKUP BROOM OR EQUIPMENT CAPABLE OF COLLECTING SEDIMENT. STREET WASHING WILL NOT BE ALLOWED.
- ERODIBLE STOCKPILES (INCLUDING TOPSOIL) SHALL BE CONTAINED WITH ACCEPTABLE CONTROL MEASURES AT THE TOE OF THE STOCKPILE THROUGHOUT CONSTRUCTION. STOCKPILES THAT ARE INACTIVE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH HAY OR STRAW MULCH WITH TACKIFIER, BONDED FIBER MATRIX, HYDRAULIC MULCH WITH TACKIFIER OR SPRAY-ON MULCH BLANKET.
- 8. PERMANENT STABILIZATION REQUIREMENTS SHALL BE COMPLETED WITHIN 4 DAYS OF PLACEMENT OF THE TOPSOIL. PERMANENT STABILIZATION IS THE COVERING OF DISTURBED AREAS WITH TOPSOIL, SEEDING, MULCHING WITH TACKIFIER AND SOIL RETENTION COVERINGS.
- 9. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND ANY OTHER CHEMICALS SHALL HAVE SECONDARY CONTAINMENT OR EQUIVALENT PROTECTION TO CONTAIN POTENTIAL SPILLS
- 10. A CONSTRUCTED CONCRETE WASHOUT OR PREFABRICATED CONCRETE WASHOUT STRUCTURE THAT WILL CONTAIN WASHOUT FROM CONCRETE PLACEMENT, CONSTRUCTION EQUIPMENT CLEANING OPERATIONS AND RESIDUE FROM CUTTING, CORING, GRINDING, AND HYDRODEMOLITION MUST BE PROVIDED AND MAINTAINED.
- 11. ALL DRAINAGE STRUCTURES ARE TO BE PROTECTED BY EROSION AND SEDIMENT CONTROL MEASURES. 12. DUST MITIGATION SHALL BE PROVIDED BY THE CONTRACTOR, AS NECESSARY, WATER SHALL BE USED AS A DUST PALLIATIVE WHERE AND WHEN REQUIRED. SWEEPING AND CLEANING STREETS AND SIDEWALKS DURING

THE CONSTRUCTION WILL BE DIRECTED BY THE AFFECTED JURISDICTIONS AND PERFORMED AS NECESSARY BY

DEMOLITION AND REMOVALS:

- SAWCUT ALL ASPHALT AND CONCRETE FLATWORK TO BE REMOVED. FINAL LIMITS OF REQUIRED SAWCUTTING AND PATCHING MAY VARY FROM LIMITS SHOWN ON PLANS. CONTRACTOR TO PROVIDE SAWCUT AND PATCH WORK TO ACHIEVE POSITIVE DRAINAGE AND A SMOOTH TRANSITION TO EXISTING ASPHALT WITHIN SLOPES ACCEPTABLE TO THE ENGINEER AND WITHIN MUNICIPAL STANDARDS. CONTRACTOR SHALL PROVIDE ADDITIONAL SAWCUTTING AND PATCHING AT UTILITY WORK, CONNECTION POINTS TO EXISTING PAVEMENT AND FEATURES, ETC. THAT MAY NOT BE DELINEATED ON PLANS.
- 2. ALL EXCESS MATERIALS GENERATED FROM THE SITE ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.

EARTHWORK:

- TOPSOIL IS TO BE STRIPPED PRIOR TO COMMENCING ROUGH GRADING. STRIPPED TOPSOIL GENERATED ONSITE IS TO BE STOCKPILED AND USED FOR RE-VEGETATION.
- 2. ANY OPEN EXCAVATION LEFT UNATTENDED SHALL BE BARRICADED OR FENCED OFF BY THE CONTRACTOR.
- 3. IF BEDROCK IS ENCOUNTERED CONTACT ENGINEER BEFORE PROCEEDING WITH WORK IN AREA OF BEDROCK. 4. IF GROUNDWATER IS ENCOUNTERED CONTACT ENGINEER BEFORE PROCEEDING WITH WORK IN AREA OF
- GROUNDWATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION OF ANY PORTION OF THIS PROJECT. GROUNDWATER SHALL BE PUMPED, PIPED, REMOVED AND DISPOSED OF IN A MANNER WHICH DOES NOT CAUSE FLOODING OF EXISTING STREETS OR EROSION ON ABUTTING PROPERTIES. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND MEETING REQUIREMENTS OF CDPHE WATER QUALITY CONTROL DIVISION DEWATERING PERMIT FOR ANY DEWATERING DISCHARGES.
- 5. ONSITE NATIVE MATERIAL CAN BE USED FOR STRUCTURAL BACKFILL IF APPROVED BY THE GEOTECHNICAL, CIVIL AND STRUCTURAL ENGINEERS, AS APPLICABLE. MATERIAL SHALL BE SCREENED, PLACED IN LIFTS AND COMPACTED PER GEOTECHNICAL ENGINEER'S RECOMMENDATION.
- 6. THE CONTRACTOR SHALL CERTIFY THAT ALL AGGREGATES USED ON THIS PROJECT ARE FREE FROM HAZARDOUS COMPONENTS IN EXCESS OF THE THRESHOLD CONCENTRATIONS ESTABLISHED BY THE E.P.A.
- ANY MATERIAL NOT SUITABLE FOR EMBANKMENT OR BACKFILL SHALL BE REMOVED FROM THE SITE AND
- DISPOSED OF BY THE CONTRACTOR AS PART OF THE WORK. 8. ALL MATERIALS REQUIRING COMPACTION MUST MEET APPLICABLE BACKFILL STANDARDS.
- 9. PLACEMENT OF AGGREGATE BASE COURSE OR PAVING SHALL NOT BEGIN UNTIL THE ENGINEER HAS APPROVED THE SUBGRADE. EXISTING SUBGRADE MATERIAL SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES, MOISTURE

- CONDITIONED AND RECOMPACTED.
- 10. WATER FOR COMPACTION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- 11. MOISTURE DENSITY CONTROL WILL BE REQUIRED FOR FULL DEPTH OF EMBANKMENTS AND AGGREGATE BASE COURSE IN PAVED AREAS.
- 12. ENSURE THAT DRAINAGE IS AWAY FROM ALL STRUCTURES IN ALL DIRECTIONS A MINIMUM OF 6 INCHES IN THE FIRST 10' OR 3 INCHES IN THE FIRST 10' IN PAVED AREAS, OR AS DIRECTED IN THE GEOTECHNICAL

ASPHALT PAVING:

- 1. REPLACE ALL DISTURBED ASPHALT WITH 4"GRADING SX(75) PG-58-28 (2" BASE LIFT + 2" TOP LIFT) ON 6" LIFT OF COMPACTED CLASS 6 ROAD BASE OVER NON-EXPANSIVE SUB-BASE MATERIAL.
- 2. A TACK COAT OF EMULSIFIED ASPHALT (SLOW-SETTING) SHALL BE APPLIED AT THE FOLLOWING LOCATIONS: BEFORE PLACING NEW PAVEMENT OVER EXISTING PAVEMENT.
 - ALONG THE FACE OF ALL EXISTING PAVEMENT, AND ALL SURFACES AGAINST WHICH ASPHALT IS TO BE PLACED BETWEEN PAVEMENT COURSES.
 - PREPARED BASE COURSES SHALL BE TACK COATED AT CONTRACTOR'S EXPENSE IF THE SURFACE HAS DETERIORATED DUE TO TRAFFIC, WEATHER OR TIME LAPSE BETWEEN SURFACE PREPARATION AND PLACEMENT OF BITUMINOUS MATERIALS, AS DIRECTED BY THE ENGINEER.
- 3. DILUTED EMULSIFIED ASPHALT FOR TACK COAT SHALL CONSIST OF 1 PART EMULSIFIED ASPHALT (SLOW-SETTING) AND 1 PART WATER. APPLICATION RATE SHALL BE 0.1 GALS/SQ.YD.
- BEFORE PLACEMENT OF THE TACK COAT, THE CONTRACTOR SHALL CLEAN THE SURFACES TO BE TACK COATED. SURFACES SHALL BE APPROVED BY ENGINEER PRIOR TO TACK COATING. CLEANING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- 5. ANY LAYER OF BITUMINOUS PAVEMENT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED TO THE FULL AVAILABLE WIDTH WITHIN EACH PHASE OF CONSTRUCTION BEFORE THE SUCCEEDING
- 6. WHERE NEW PAVEMENT IS TO ABUT EXISTING PAVEMENT, THE EXISTING PAVEMENT SHALL BE REMOVED TO A NEAT VERTICAL LINE USING A PAVEMENT-CUTTING SAW AND MILLED TO A DEPTH OF 2" OVER 24" WIDE, OR OTHER METHOD AS APPROVED BY THE ENGINEER. VERTICAL EDGES SHALL NOT REMAIN OVERNIGHT. THE WORK WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

CONCRETE CONSTRUCTION:

- 1. CONCRETE FOR SIDEWALKS, DRIVEWAYS, CURBS AND GUTTERS SHALL BE CDOT CLASS B OR D.
- 2. OWNER TO APPROVE ALL CONCRETE FINISHING, JOINT PATTERNS AND COLORING REQUIREMENTS PRIOR TO CONSTRUCTION. SUBMIT JOINT LAYOUT PLAN TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
- EXPANSION JOINTS SHALL BE INSTALLED WHEN ABUTTING EXISTING CONCRETE OR FIXED STRUCTURE. EXPANSION JOINT MATERIAL SHALL BE 1/2 IN. THICK AND SHALL EXTEND THE FULL DEPTH OF CONTACT SURFACE.
- CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO PLACEMENT OF FLATWORK OF SITE CONDITIONS OR DISCREPANCIES WHICH PREVENT REQUIRED GRADES FROM BEING ACHIEVED.
- 5. ALL RAMPS, STAIRS, EDGE PROTECTION, AND RAILINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA STANDARDS. ACCESSIBLE CURB RAMPS SHALL CONFORM TO THE TOWN STANDARD DETAILS AND CDOT M-STANDARDS (SEE DETAIL M-608-1, ETC). ACCESSIBLE FEATURES WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED TO CONFORM TO THE REQUIREMENTS OF THE TOWN OF BAYFIELD CONSTRUCTION SPECIFICATIONS SECTION 8.
- 6. SUMMARY OF CONCRETE REQUIREMENTS:
- MIN. 3,500 PSI (28-DAY COMPRESSIVE STRENGTH)
- AIR ENTRAINMENT 5% TO 8%
- SLUMP 4" MAX. • CEMENT - TYPE II
- REINFORCEMENT N/A FOR STANDARD SIDEWALKS, SEE STRUC SHEETS
- AGGREGATE 1" MAXIMUM (AASHTO #67 GRADATION SEE TOWN OF BAYFIELD CONSTRUCTION SPECIFICATIONS SECTION 8 PART 2.3)
- FINISH BROOM
- JOINTING SIDEWALK EXPANSION JOINTS AT 50' INTERVALS. SIDEWALK CONTRACTION JOINTS NOT TO EXCEED 5' INTERVALS, AND TO ALIGN WITH CURB AND GUTTER CONTRACTION JOINTS.
- EXPANSION JOINT MATERIAL 1/4-INCH-THICK NON-EXTRUDING PREFORMED JOINT FILLER AND SHALL CONFORM TO AASHTO M33
- THE EXISTING AND PROPOSED ELEVATIONS OF FLATWORK, SIDEWALKS, CURBS, THRESHOLDS, PAVING, ETC. AS SHOWN IN THE PLANS MAY BE BASED ON EXTRAPOLATION OF FIELD SURVEY DATA, EXISTING CONDITIONS, AND DATA PROVIDED BY OTHERS. AT CRITICAL AREAS AND SITE FEATURES, THE CONTRACTOR SHALL HAVE FORMWORK INSPECTED AND APPROVED BY OWNER, OWNER'S REPRESENTATIVE, OR ENGINEER PRIOR TO PLACING CONCRETE. MINOR ADJUSTMENTS, AS APPROVED, TO PROPOSED GRADES, INVERTS, ETC. MAY BE REQUIRED TO PREVENT PONDING OR SLOPES NOT IN CONFORMANCE WITH THE JURISDICTIONAL STANDARDS. ALL FLATWORK MUST PREVENT PONDING AND PROVIDE POSITIVE DRAINAGE AWAY FROM EXISTING AND PROPOSED BUILDINGS, WALLS, ROOF DRAIN OUTFALLS, ACROSS DRIVES AND WALKS TOWARDS THE PROPOSED INTENDED DRAINAGE FEATURES AND CONVEYANCES.
- AGGREGATE BASE COURSE, REQUIRED UNDER ALL CURB, GUTTER AND SIDEWALK INSTALLATION SHALL CONSIST OF CRUSHED STONE OR GRAVEL, AND SHALL CONFORM TO THE REQUIREMENTS FOR CDOT CLASS 6, AGGREGATE BASE COURSE. THE BASE COURSE SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD ASTM D1557/AASHTO T180.

REVEGETATION:

- DISTURBED AREAS SHALL BE REVEGETATED.
- 2. SOD SHALL BE USED TO REPLACE LAWN.
- DISTURBED AREAS SHALL BE FINE GRADED AND RAKED TO REMOVE ALL ROCKS OVER THREE INCHES IN DIAMETER. PLACE TOPSOIL TO A DEPTH OF FOUR INCHES ON DISTURBED AREAS.
- 4. SOIL RETENTION BLANKETS SHALL BE INSTALLED ON SLOPES STEEPER THAN 2H:1V.
- 5. DUE TO HIGH FAILURE RATES, HYDROSEEDING WILL NOT BE ALLOWED FOR PERMANENT APPLICATIONS, EXCEPT WHERE THERE ARE HAZARDOUS DISTURBED SLOPES. SEEDING SHOULD BE APPLIED IN CONCERT WITH A STERILIZED HYDROMULCH TO STABILIZE SOIL SURFACES
- UNTIL GERMINATION COMMENCES WHILE REDUCING WEED ESTABLISHMENT. SEEDING SHOULD OCCUR IN LATE FALL TO PREVENT SEEDS FROM GERMINATING IN SUMMER/EARLY-FALL AND DESICATING, AS WELL TO PREVENT SEEDS FROM FREEZING IN WINTER.
- 8. SEEDING MATERIAL AND APPLICATION RATES TO BE USED FOR RECLAMATION SHALL BE AS LISTED BELOW FOR BROADCAST SEEDING.

SEED COMMON NAME PLS LBS. PER ACRE WHITE DUTCH CLOVER 6.5 FAIRWAY WHEATGRASS 16.9 PERENNIAL RYE 20.8 28.6 "SODAR" STREAMBANK WHEATGRASS 57.2 WESTERN WHEATGRASS 130 TOTAL

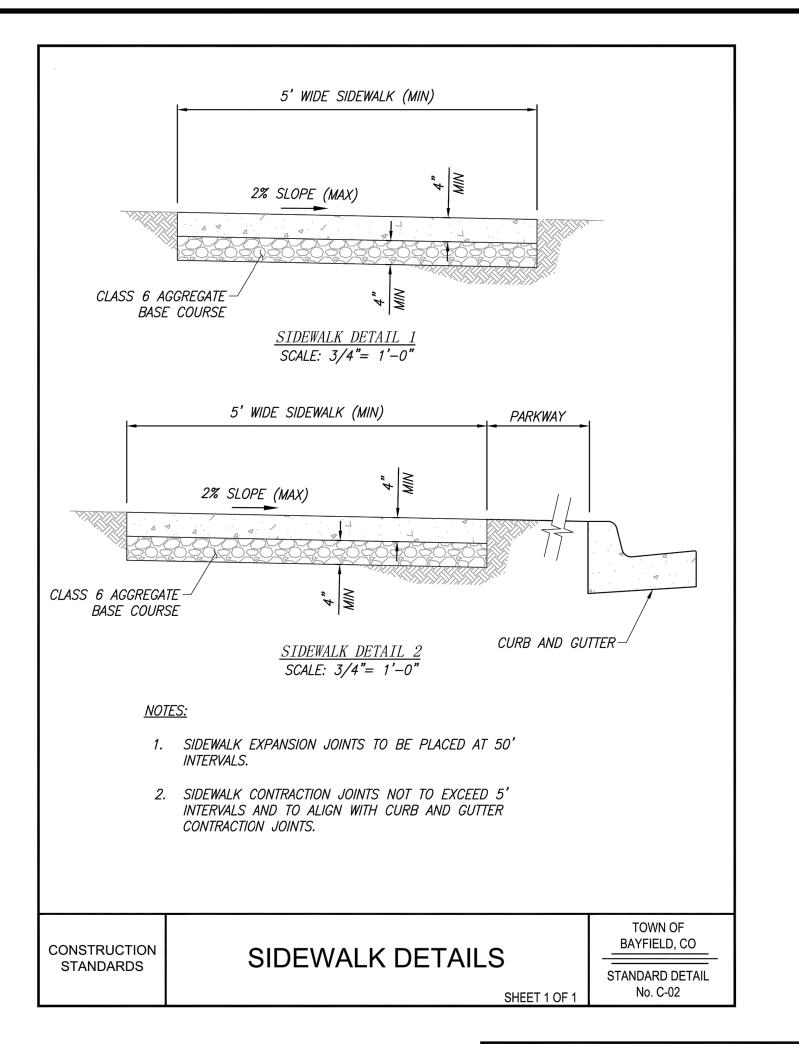


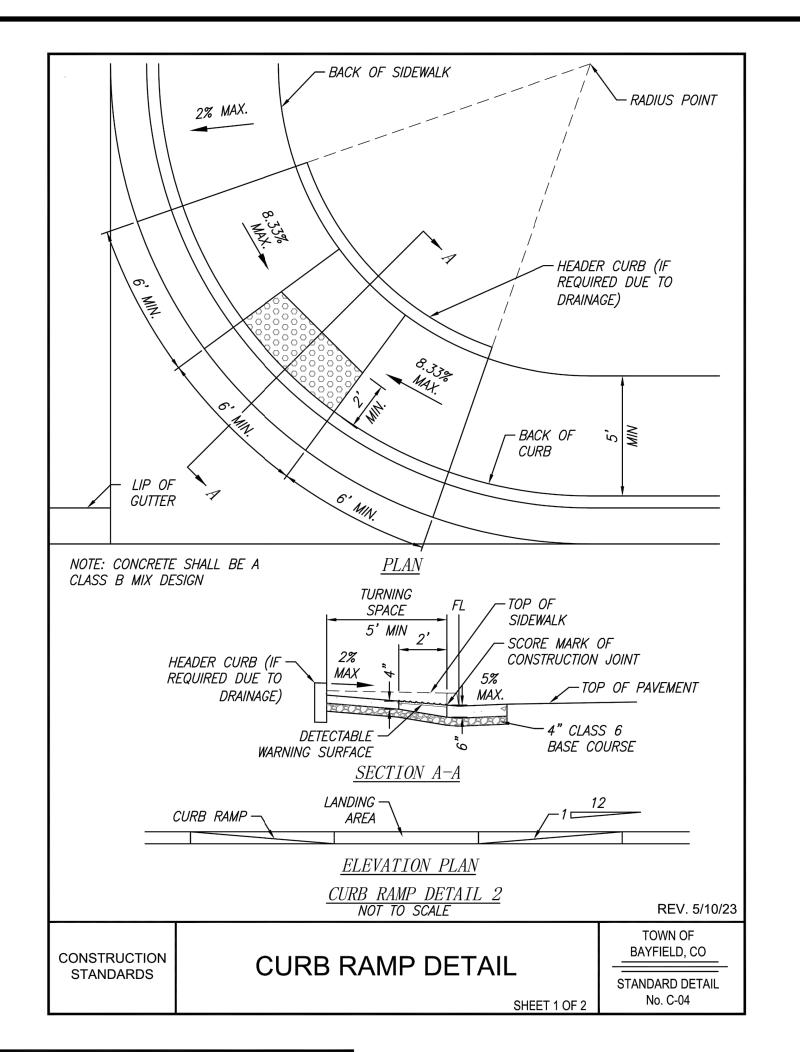


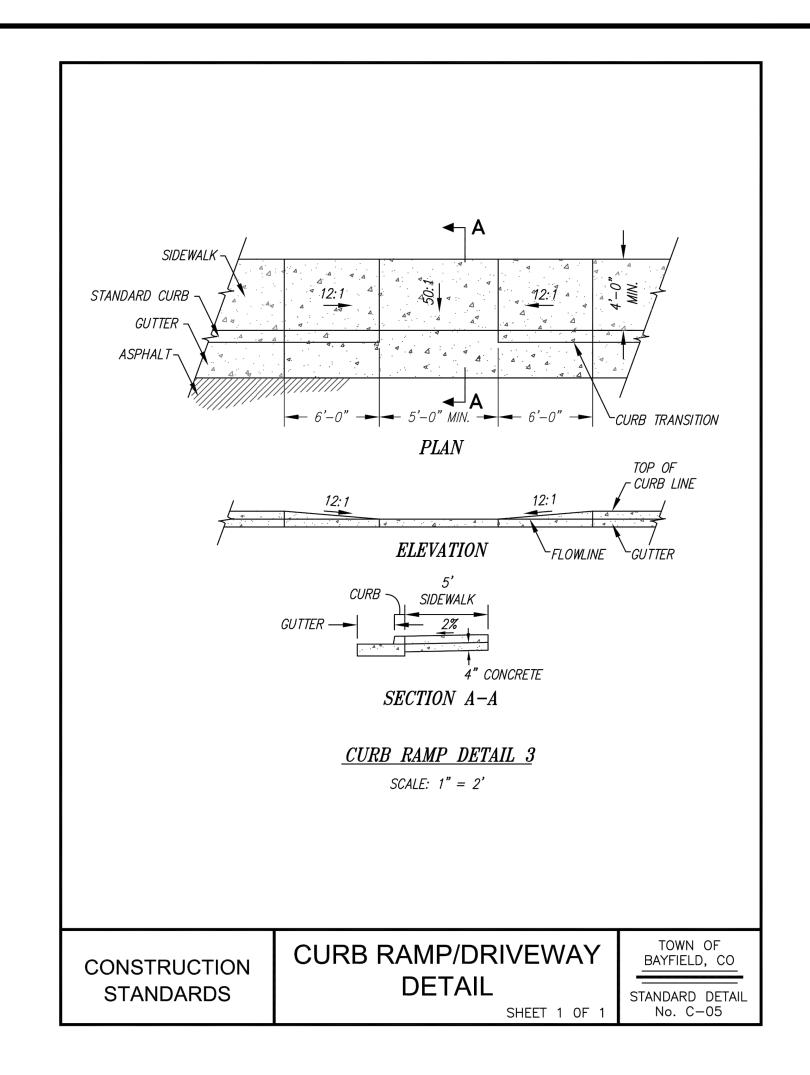
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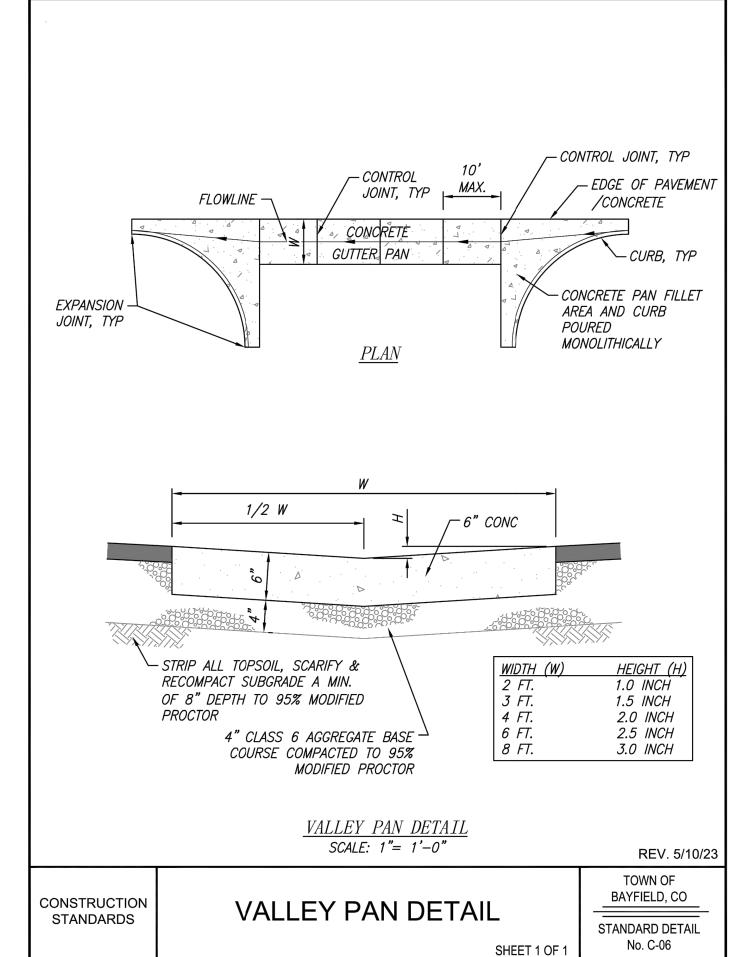
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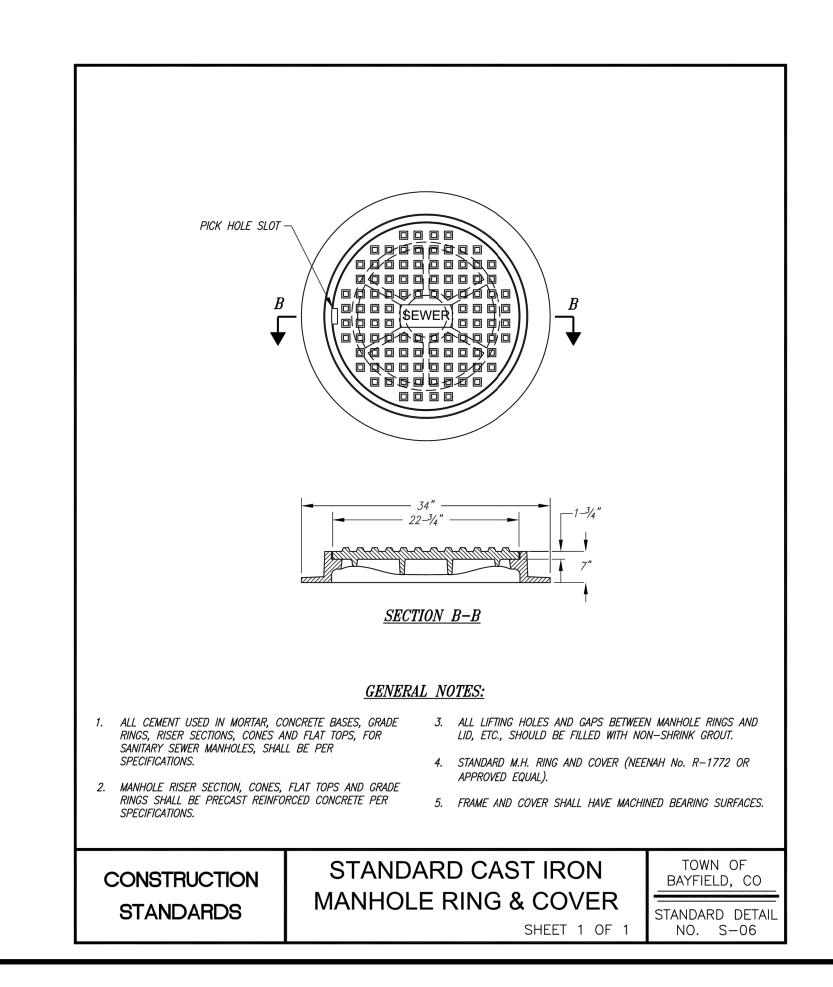
General Notes







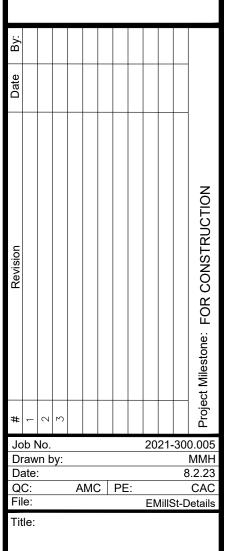




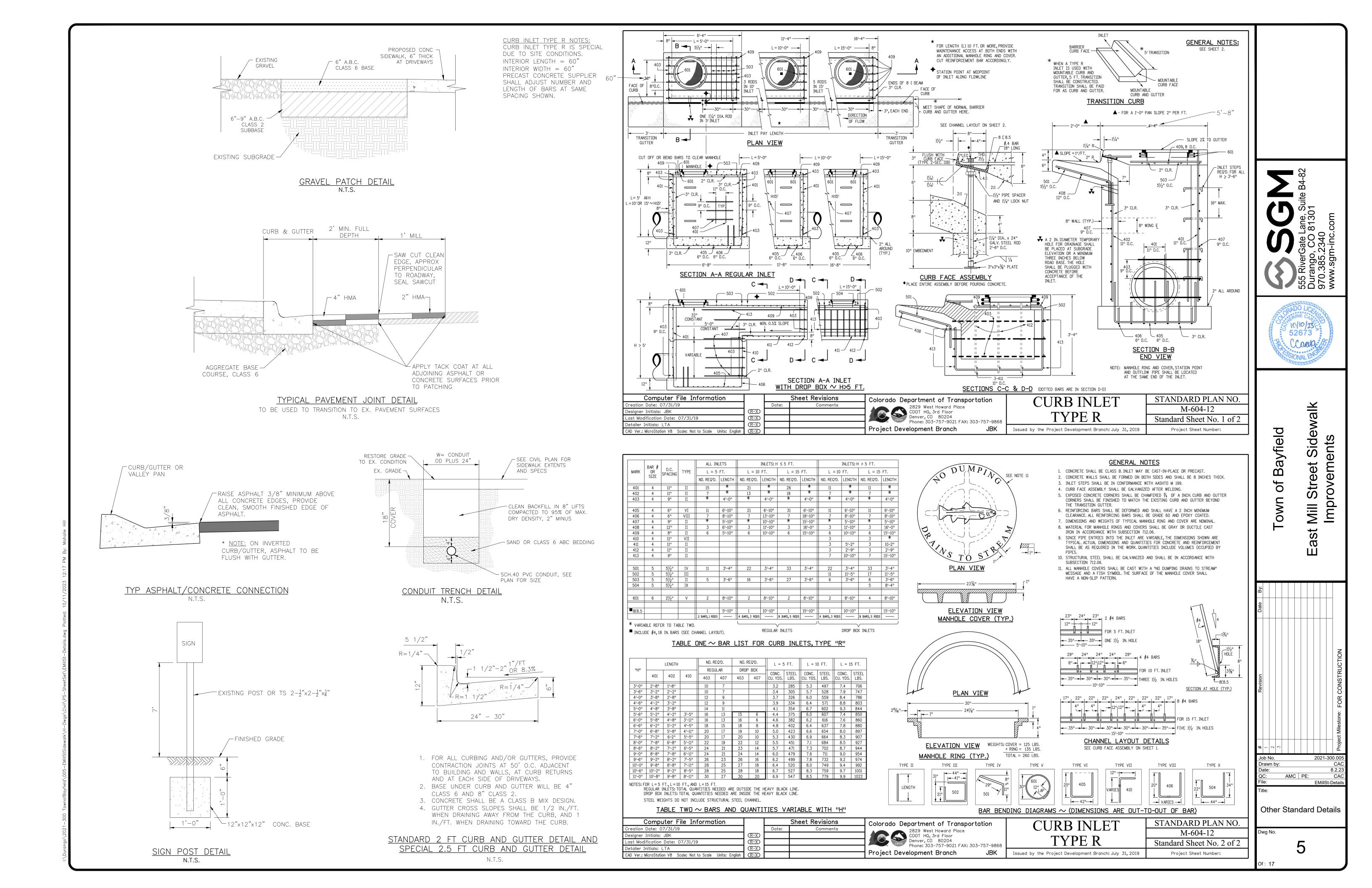


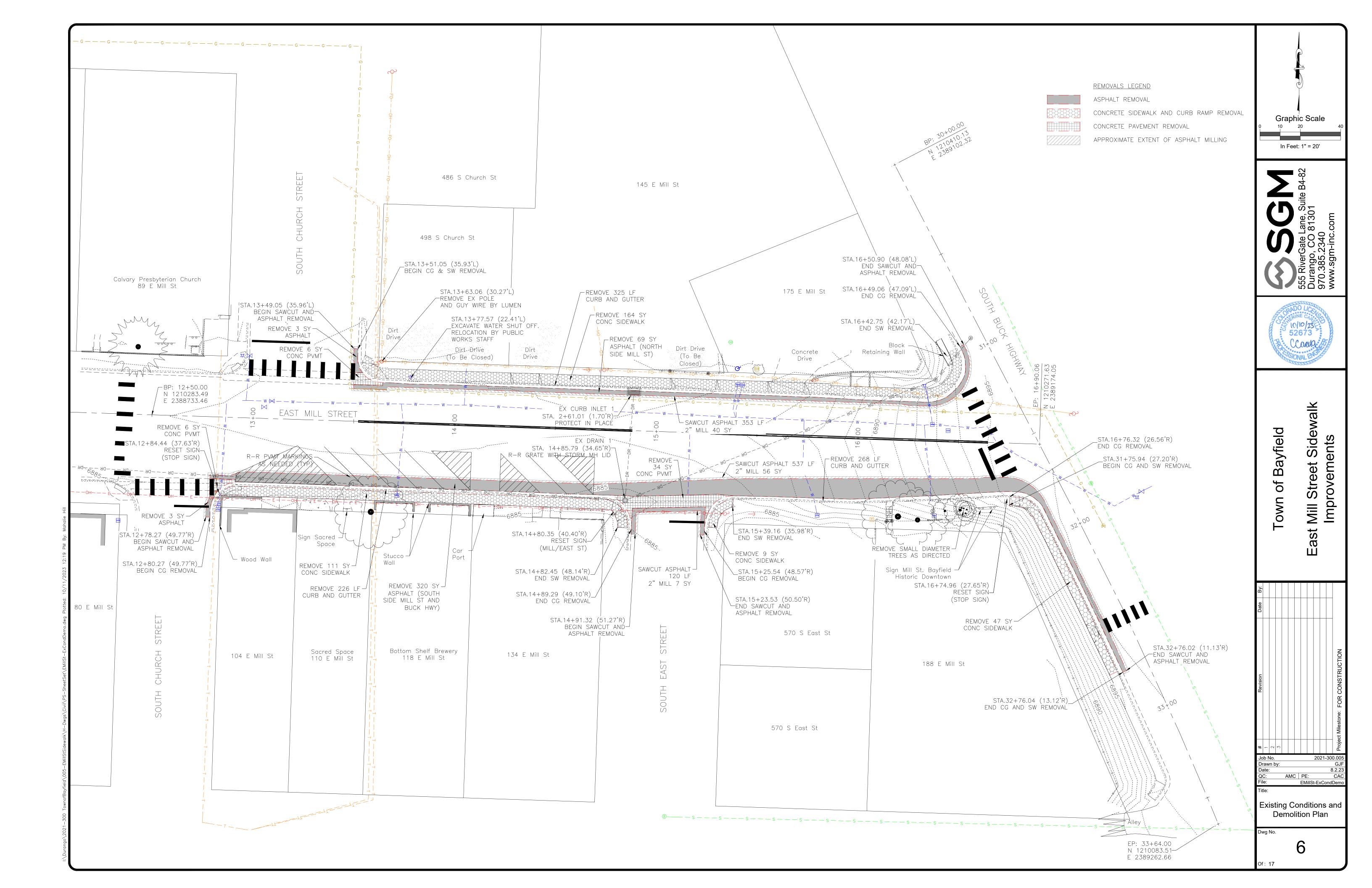


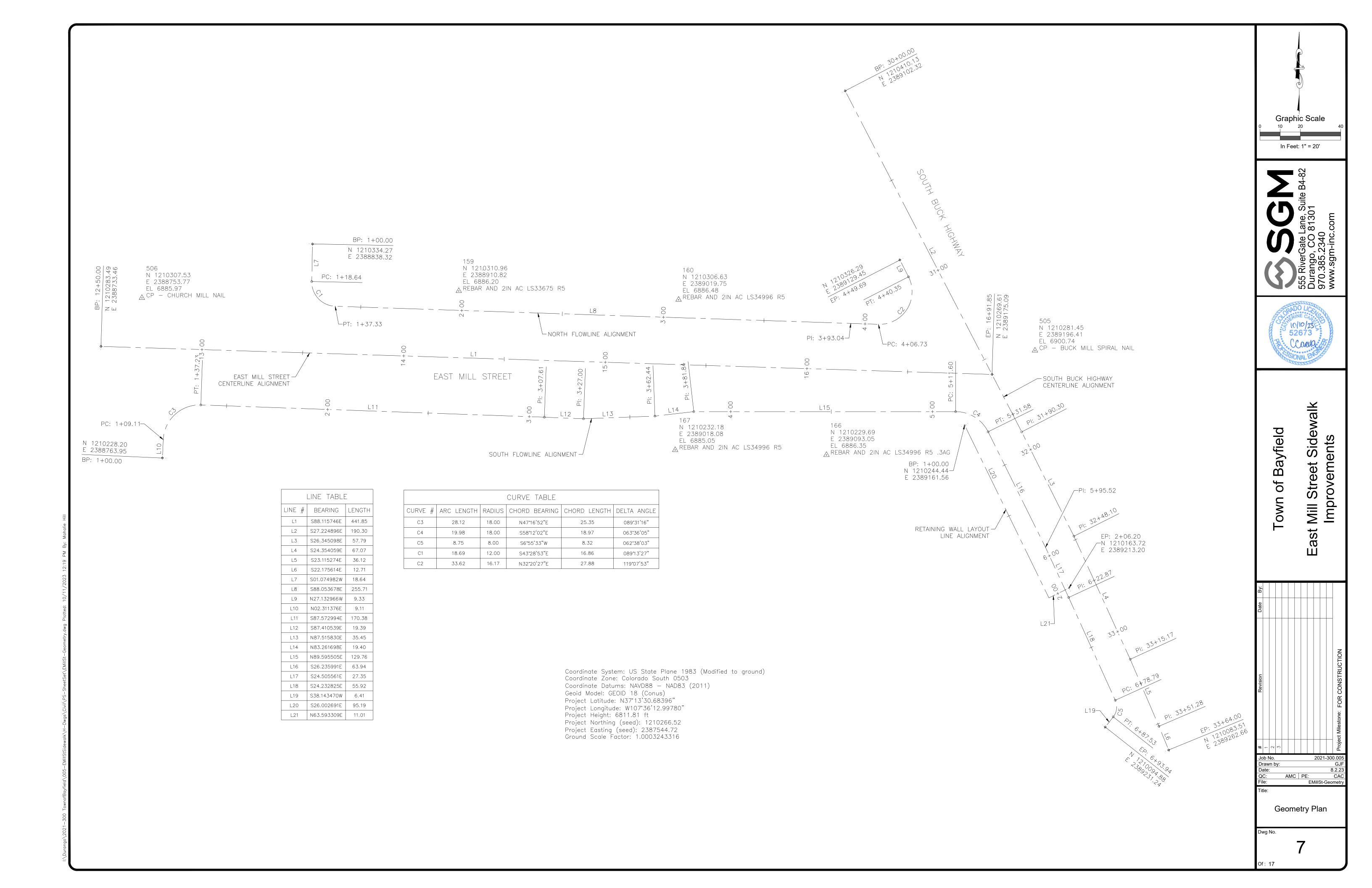
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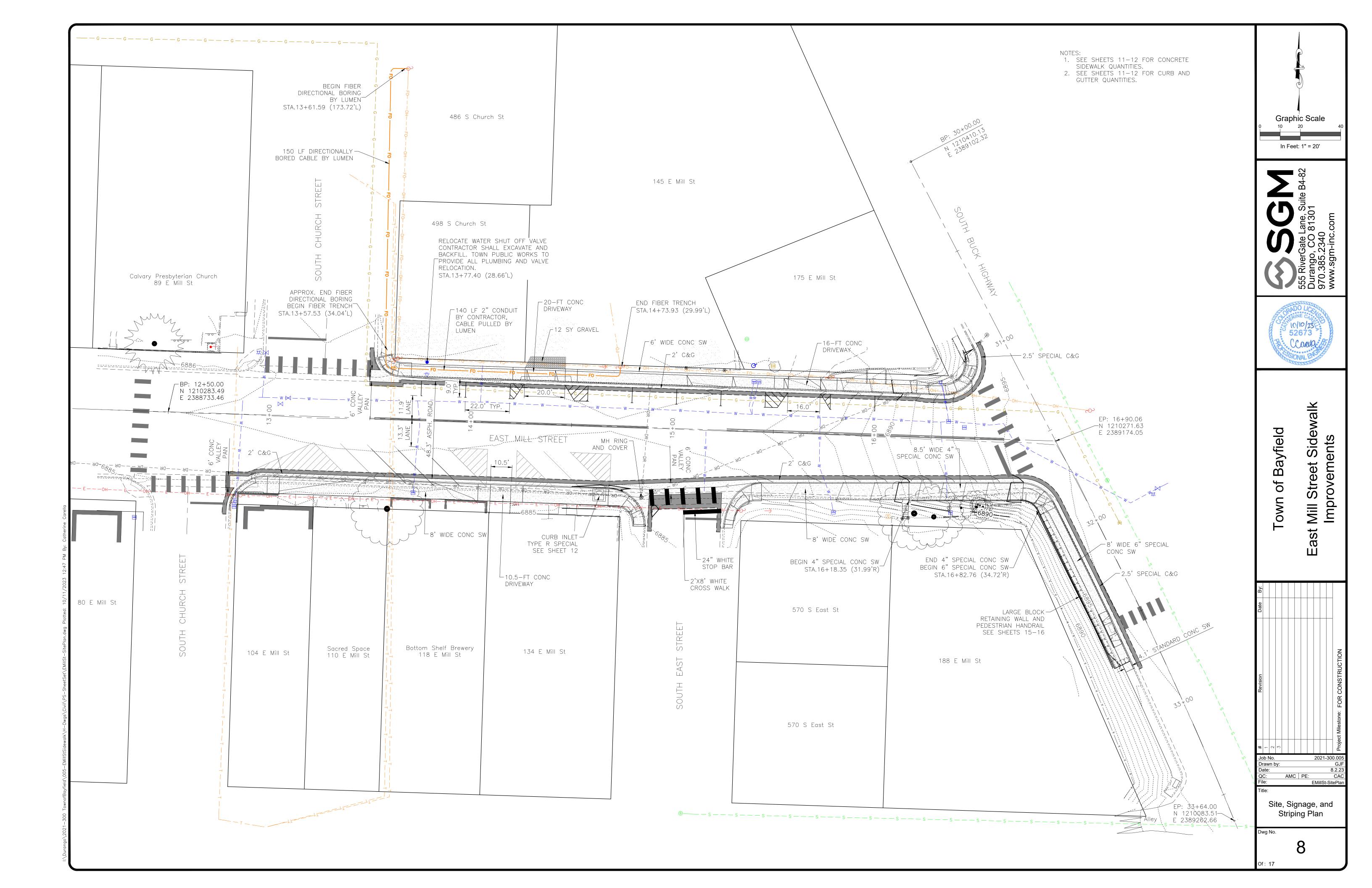


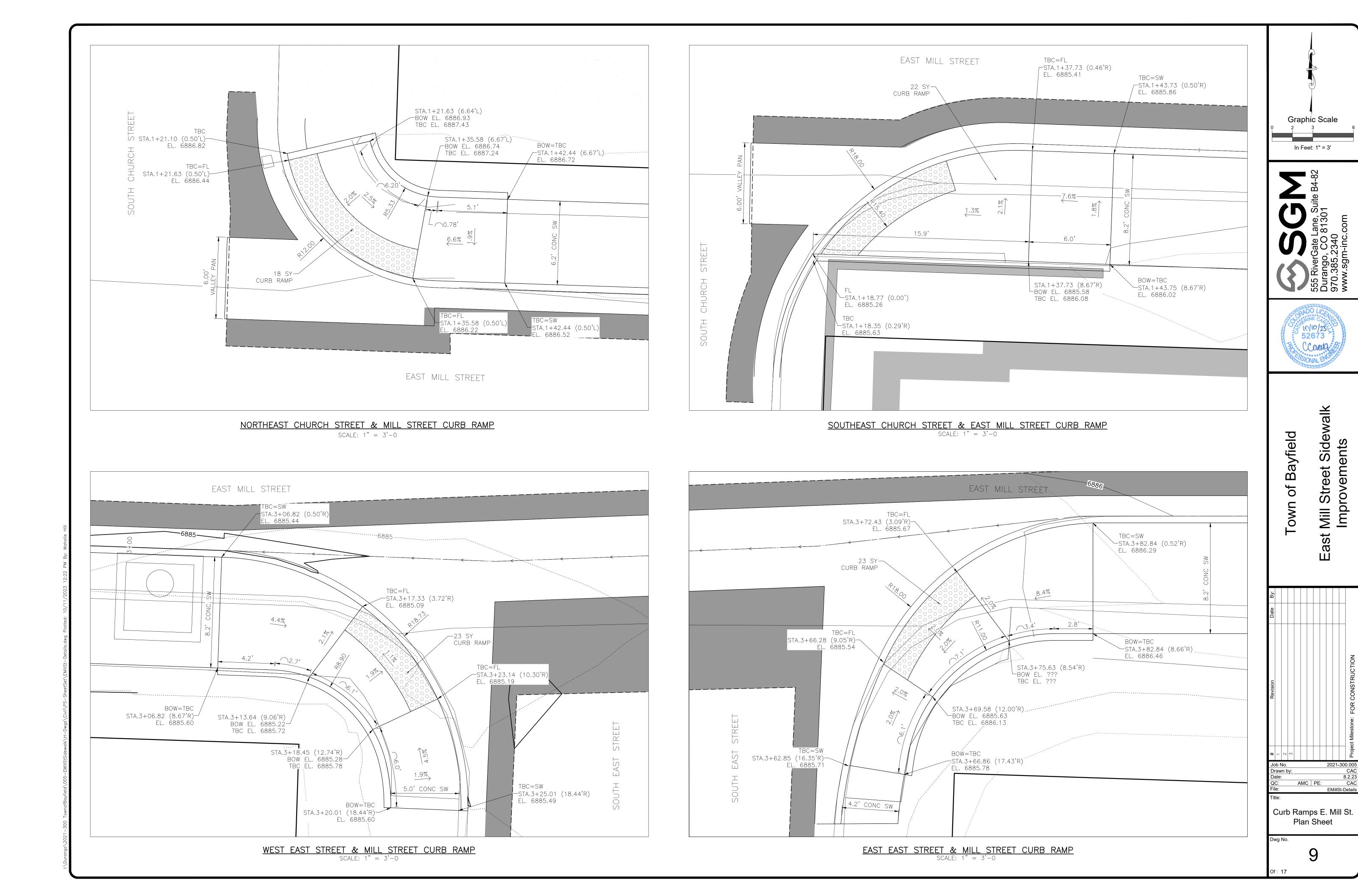
Town Standard Details Dwg No.

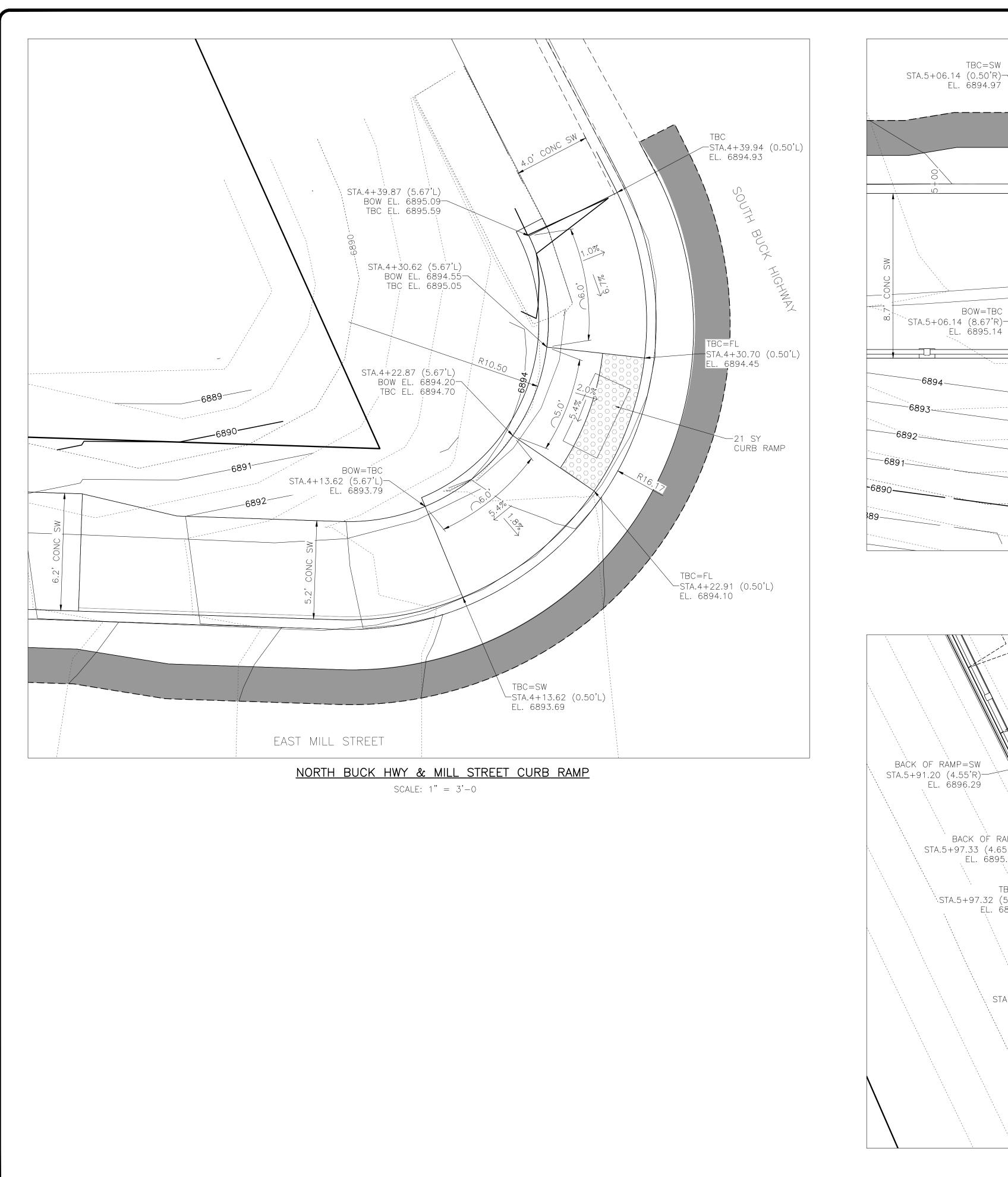


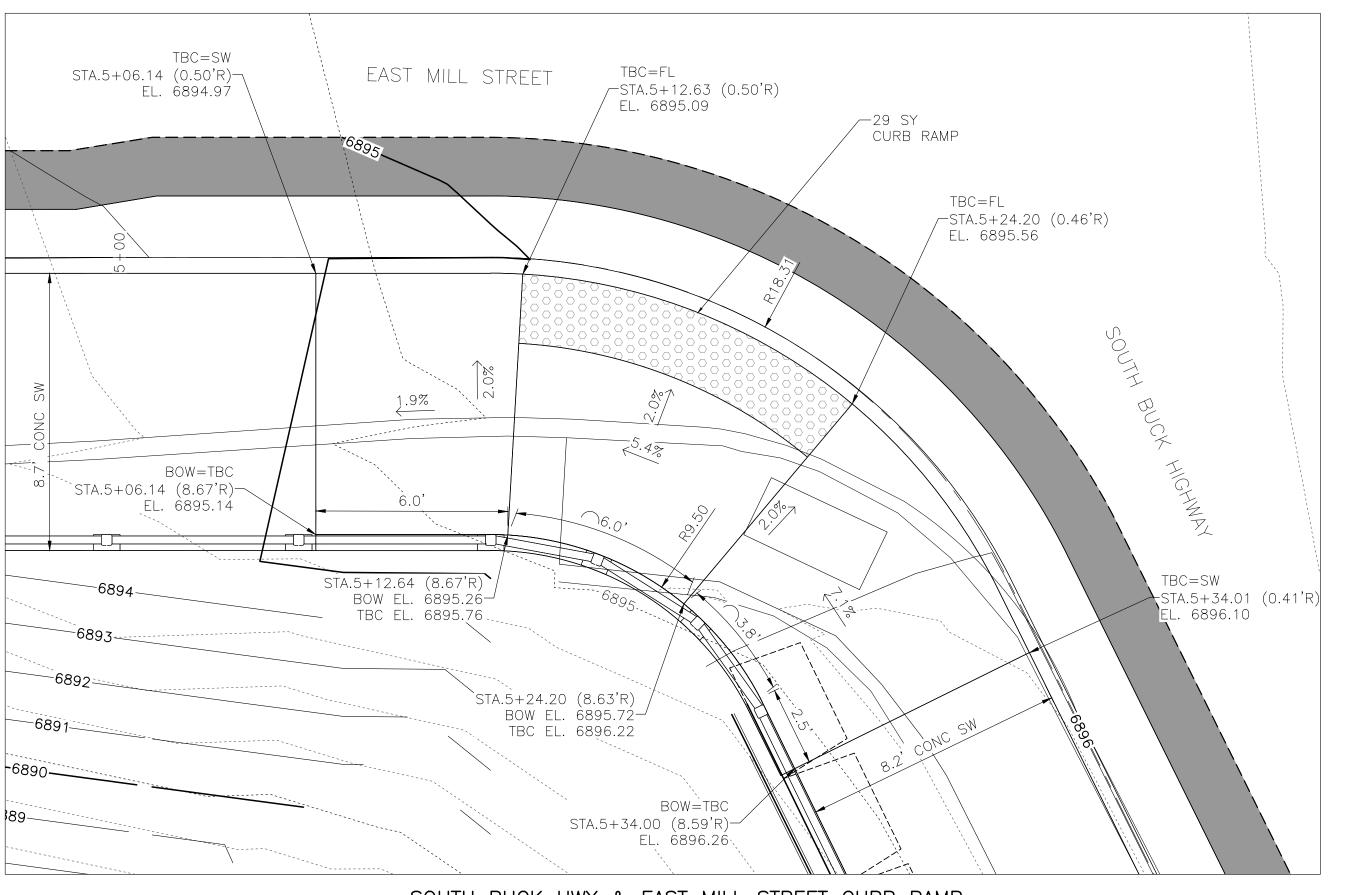




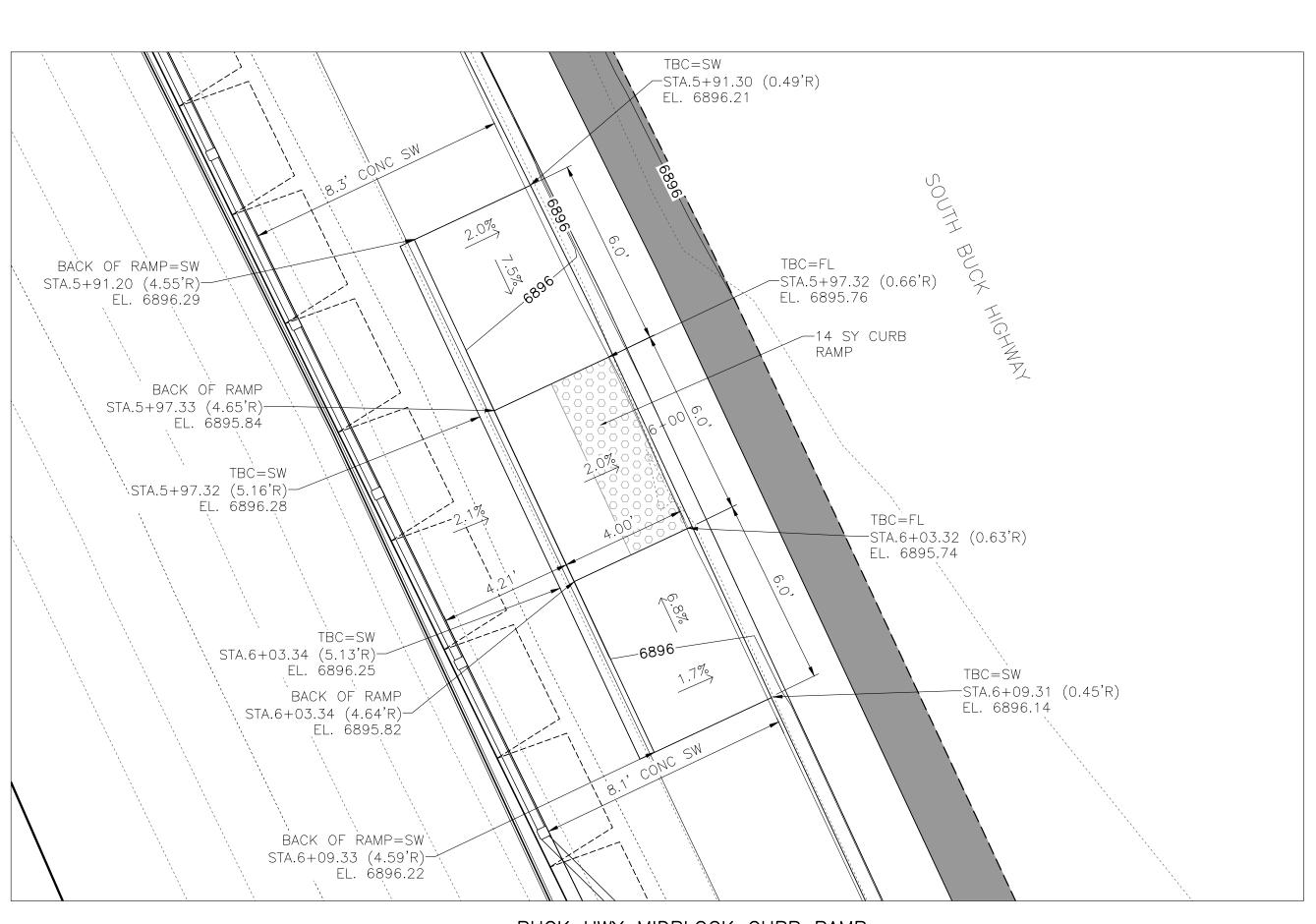








SOUTH BUCK HWY & EAST MILL STREET CURB RAMP SCALE: 1" = 3' - 0

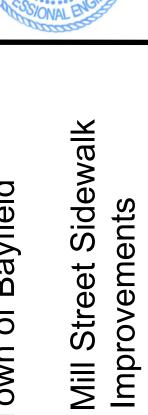


BUCK HWY MIDBLOCK CURB RAMP

SCALE: 1" = 3'-0

Graphic Scale In Feet: 1" = 3'





East

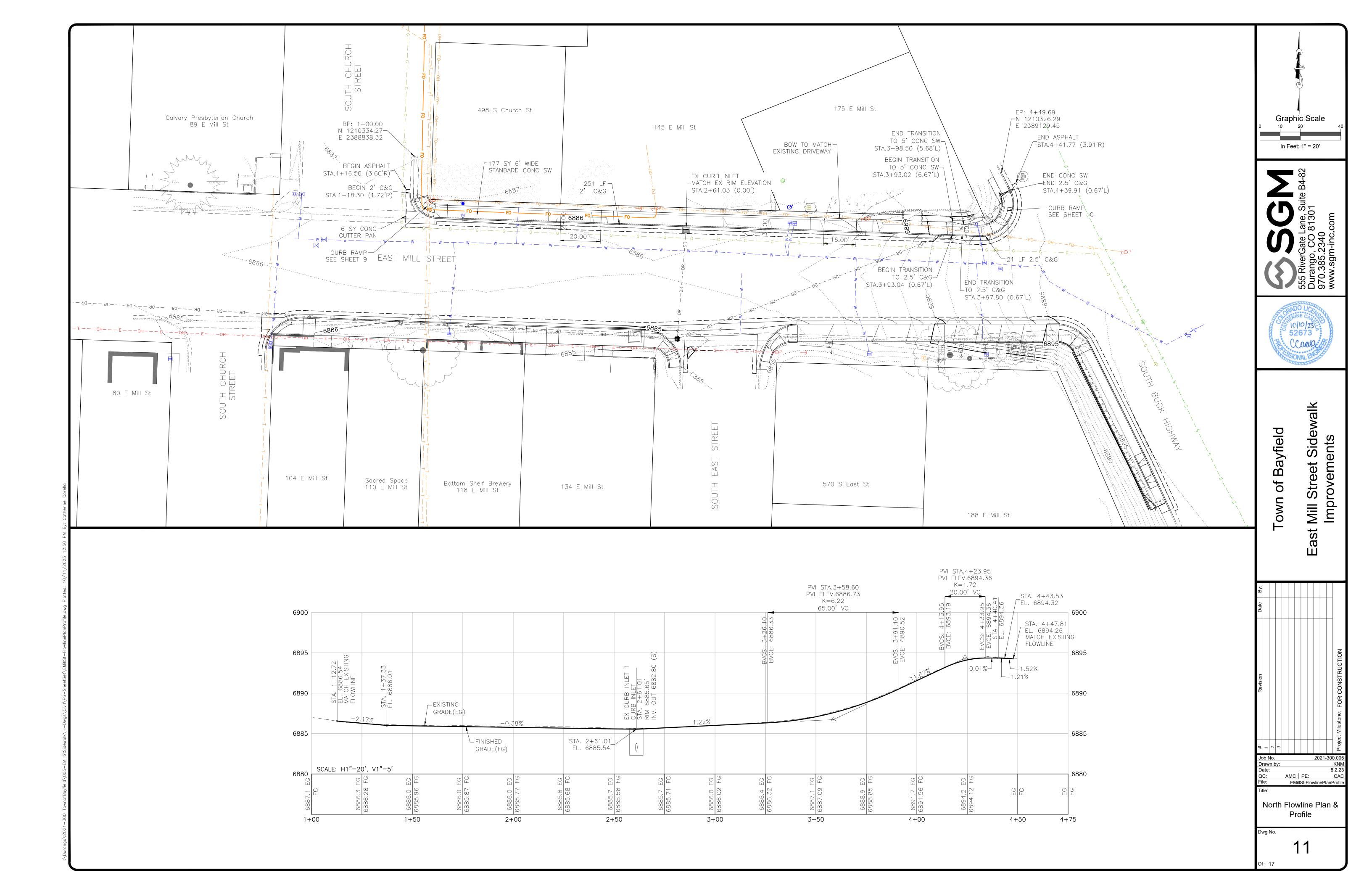
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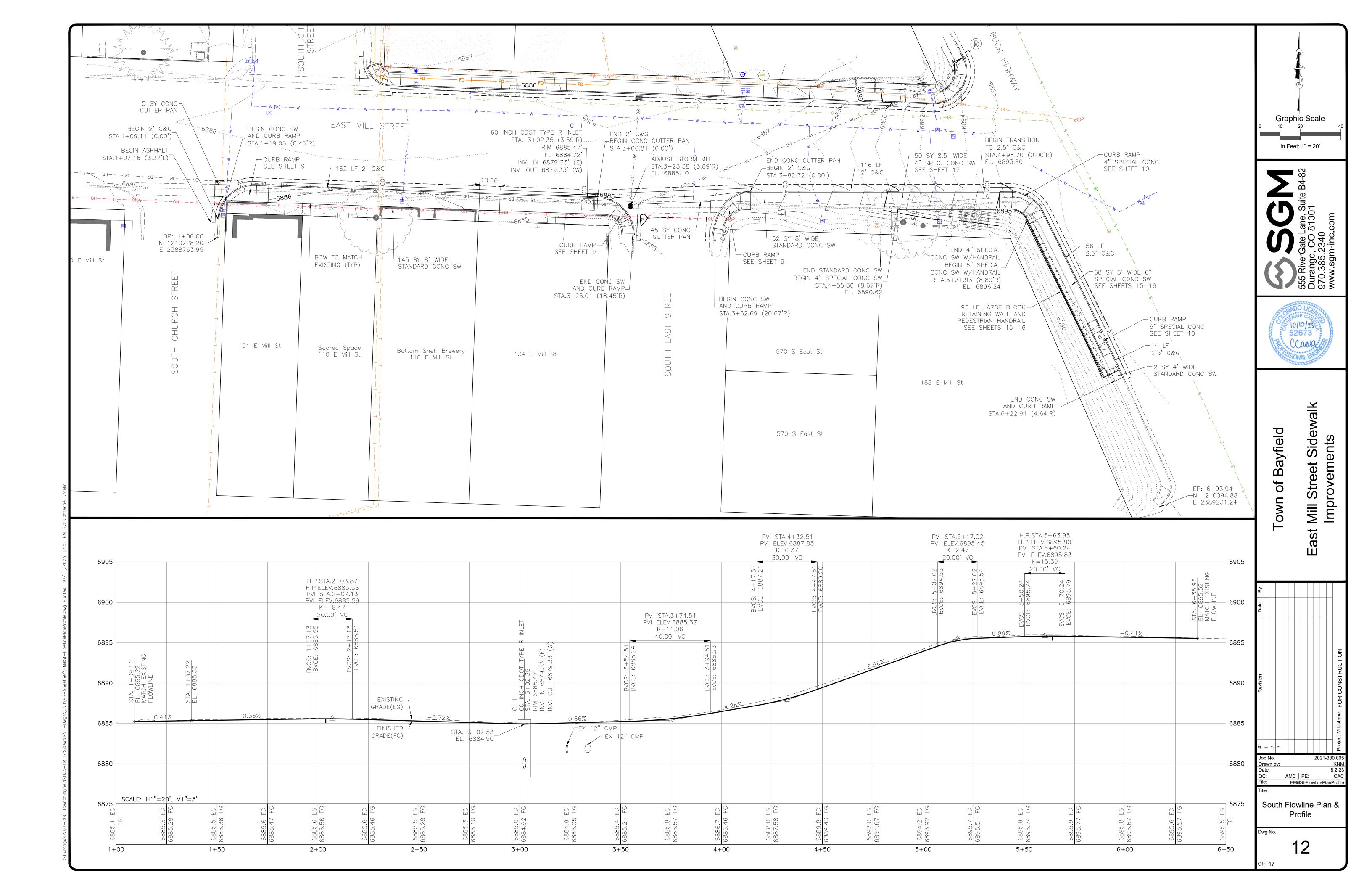
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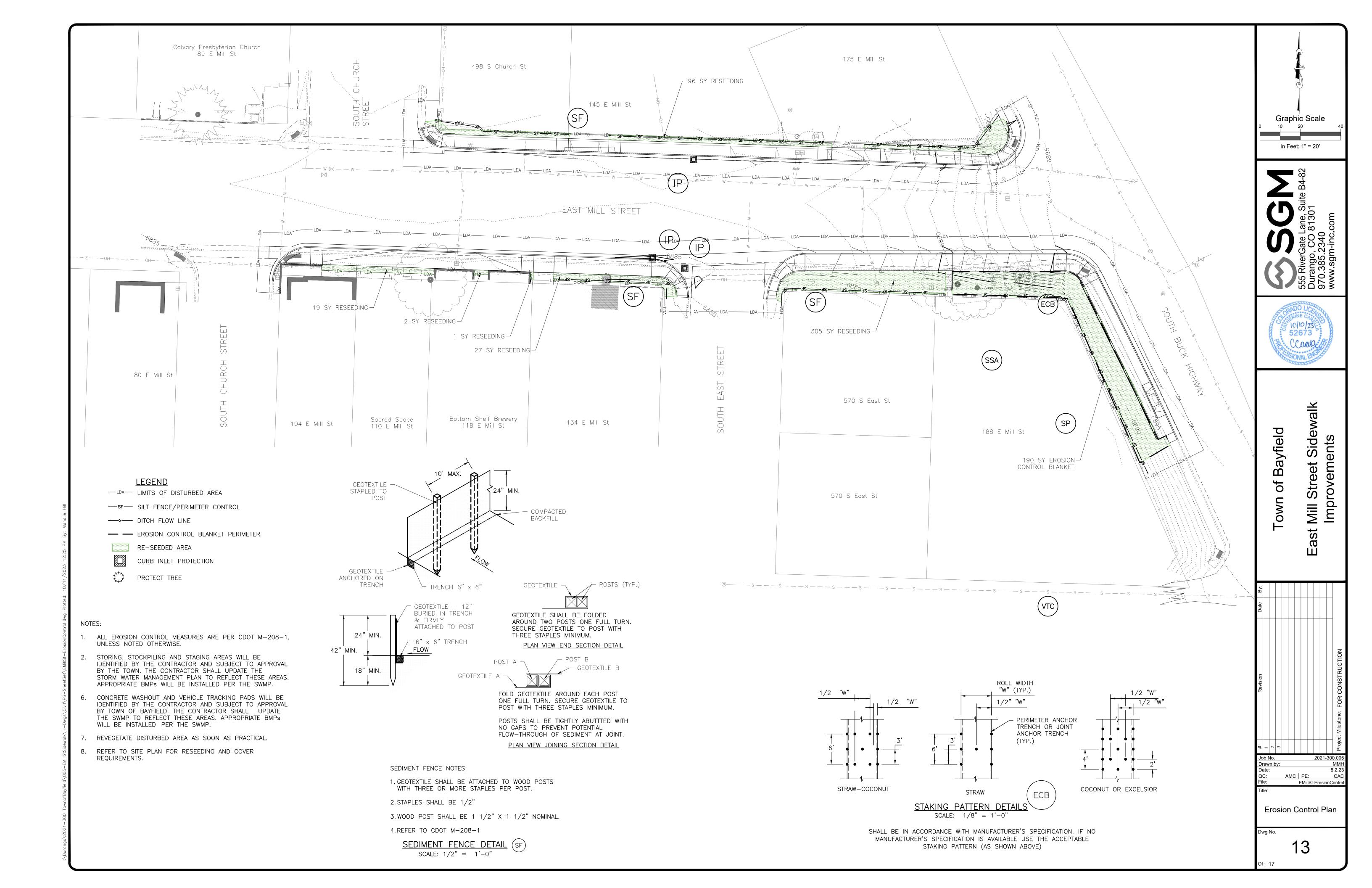
Curb Ramps Buck Hwy Plan Sheet

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EROSION CONTROL BLANKET INSTALLATION NOTES

- - LOCATION OF PERIMETER OF EROSION CONTROL BLANKET. AREA IN SQUARE YARDS OF EACH TYPE OF BLANKET.
- 2. ALL EROSION CONTROL BLANKETS AND NETTING SHALL BE MADE OF 100% NATURAL AND BIODEGRADABLE MATERIAL; NO PLASTIC OR OTHER SYNTHETIC MATERIAL, EVEN IF PHOTO DEGRADABLE, SHALL BE ALLOWED.
- 3. CONTRACTOR SHALL PLACE TOPSOIL, PERFORM FINAL GRADING, AND APPLY SEED PRIOR TO BLANKET INSTALLATION. THE BLANKET SHALL BE IN FULL CONTACT WITH SUBGRADE, NO GAPS OR VOIDS SHALL EXIST UNDER THE
- BEGIN AT TOP OF THE SLOPE BY ANCHORING WITH PERIMETER ANCHOR TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER ANCHORING.
- 5. ROLL THE BLANKETS DOWN OR HORIZONTALLY ACROSS THE SLOPE WITH APPROPRIATE SIDE AGAINST THE SLOPE.
- 6. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE ANCHOR DETAILS.
- 6.1. PERIMETER ANCHOR TRENCH SHALL BE USED AT OUTSIDE PERIMETER OF ALL BLANKET AREAS.
- 6.2. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL BLANKETS EXCEPT STRAW, WHICH MAY USE AN OVERLAPPING JOINT.
- 6.3. INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF THE ROLL LENGTH FOR COCONUT AND EXCELSIOR BLANKETS.
- 6.4. THE OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF

BLANKETS TOGETHER FOR BLANKETS ON SLOPES.

- 7. MATERIAL SPECIFICATIONS OF EROSION CONTROL BLANKET SHALL BE STRAW, STRAW-COCONUT, COCONUT, OR EXCELSIOR AND SHALL BE SUBMITTED TO
- 8. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING EROSION CONTROL BLANKET SHALL BE RESEEDED AND MULCHED.
- 9. STAKING PATTERN SHALL BE IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.

EROSION CONTROL BLANKET MAINTENANCE NOTES:

ENGINEER FOR REVIEW.

- 1. THE SWMP MANAGER SHALL INSPECT EROSION CONTROL BLANKETS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.
- 2. EROSION CONTROL BLANKET IS TO BE LEFT IN PLACE UNLESS REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
- 3. ANY EROSION CONTROL BLANKET PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REINSTALLED. ANY SUBGRADE AREAS BELOW THE BLANKET THAT HAVE ERODED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE EROSION CONTROL BLANKET REINSTALLED.

EROSION CONTROL BLANKET SCALE: 1" = 1'-0"



INSTALLATION AND MAINTENANCE GUIDELINES

INSTALLATION:

1. PLACE TRUE DAM ON GROUND WITH AGGREGATE POUCH ON STREET SIDE NEAR THE INLET ON WHICH IT WILL BE INSTALLED.

TRUE DAM

- 2. OPEN VELCRO ACCESS POUCH LOCATED ON THE STREET SIDE EDGE OF
- 3. IF USING OPTIONAL ABSORBENTS, PLACE ABSORBENT SOCK IN POUCH AND PUSH TO BACK OF POUCH.
- 4. FILL POUCH WITH AGGREGATE TO A LEVEL THAT WILL KEEP THE UNIT IN PLACE DURING A RAIN EVENT AND CREATE A SEAL BETWEEN THE TRUE DAM AND THE SURFACE OF THE STREET.
- 5. RESEAL VELCRO ACCESS.
- 6. CENTER THE UNIT AGAINST A CURB OR MEDIAN INLET OPENING SO THAT THE CURB SIDE OF THE UNIT CREATES A SEAL WITH THE CURB AND INLET STRUCTURE.
- 7. THERE SHOULD BE AN EQUAL LENGTH OF THE TRUE DAM OVERHANGING ON EACH SIDE OF THE OPENING.

MAINTENANCE:

EROSION CONTROL

BLANKET (TYP.

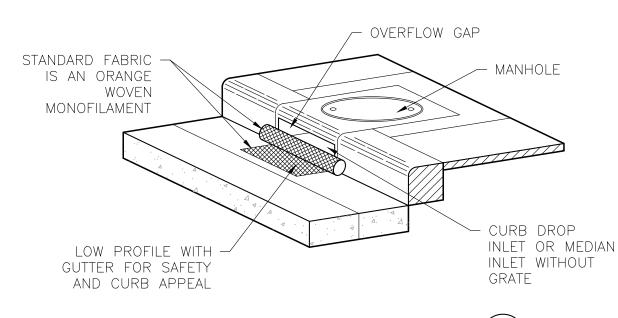
COMPACTED

BACKFILL (TYP)

WOOD STAKE

12" MIN.

- 1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT.
- 2. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.



CURB INLET PROTECTION DETAIL SCALE: 3/4" = 1'-0'

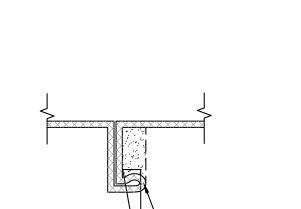
MIN.

(TYP)

└ SINGLE EDGE

MIN.

(TYP)



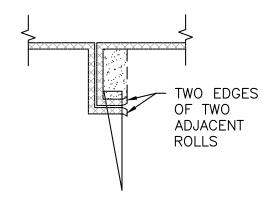
LOOP FROM

MIDDLE OF

ROLL

PERIMETER ANCHOR TRENCH

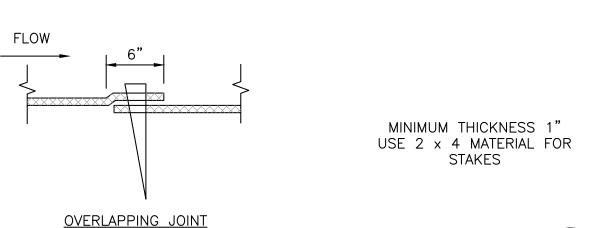
3" MIN.



INTERMEDIATE ANCHOR TRENCH

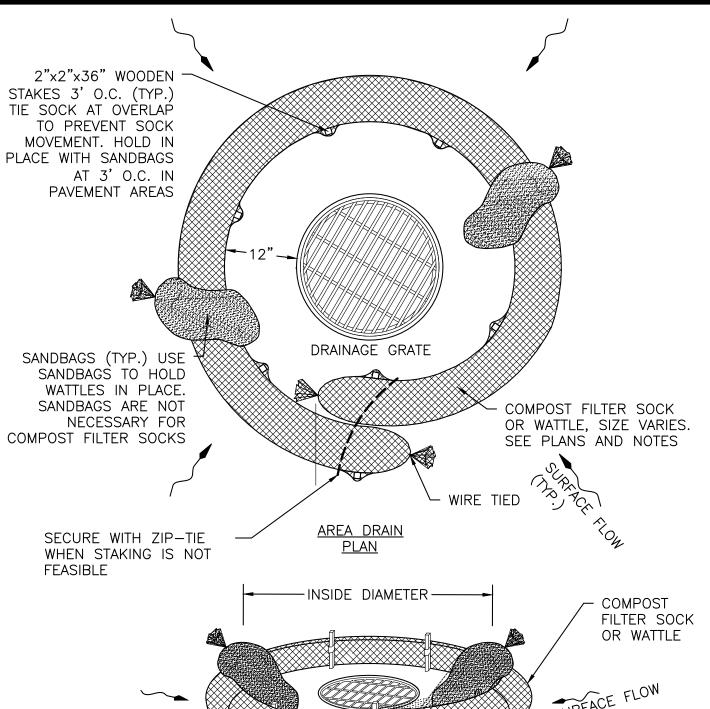
WOOD STAKE DETAIL

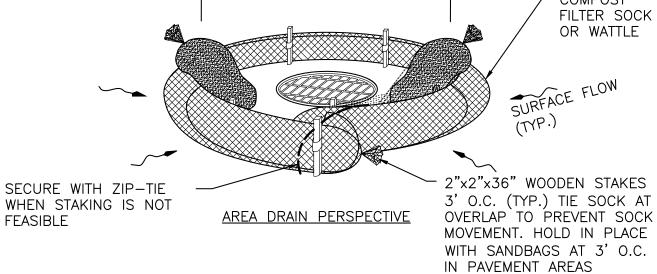




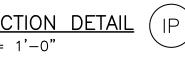
EROSION CONTROL BLANKET ANCHOR DETAILS SCALE: 1" = 1'-0"

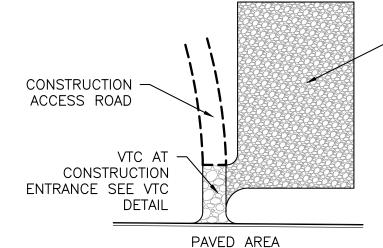






AREA DRAIN PROTECTION DETAIL SCALE: 3/4" = 1'-0"





STABILIZED STAGING AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH APPROVAL FROM LOCAL JURISDICTION.

STAGING AREA FOR PARKING,

UNLOADING STABILIZED WITH 3"

MIN, GRANULAR MATERIAL (GRAVEI

OR CLEAN RECYCLED CONCRETE)

STORAGE, LOADING AND

12" MIN. THICKNESS

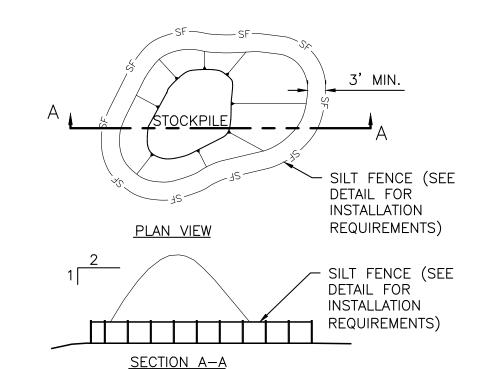
- 2. STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
- 3. IF REQUIRED BY THE LOCAL JURISDICTION, SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
- 4. STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.
- 5. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" OF GRANULAR MATERIAL (GRAVEL OR CLEAN RECYCLED CONCRETE).

STABILIZED STAGING AREA MAINTENANCE NOTES

- 1. THE SWMP MANAGER SHALL INSPECT THE STABILIZED STAGING AREA WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
- 2. SWMP MANAGER SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
- 3. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
- 4. ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
- 5. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA TOPSOILED, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.

STABILIZED STAGING AREA DETAIL SCALE: 3/4" = 1'-0"

10'



STOCKPILE PROTECTION INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR: -LOCATION OF STOCKPILES. -TYPE OF STOCKPILE PROTECTION.
- 2. INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS. SILT FENCE IS SHOWN IN THE STOCKPILE PROTECTION DETAILS: HOWEVER, OTHER TYPES OF PERIMETER CONTROLS INCLUDING SEDIMENT CONTROL LOGS OR ROCK SOCKS MAY BE SUITABLE IN SOME CIRCUMSTANCES. CONSIDERATIONS FOR DETERMINING THE APPROPRIATE TYPE OF PERIMETER CONTROL FOR A STOCKPILE INCLUDE WHETHER THE STOCKPILE IS LOCATED ON A PERVIOUS OR IMPERVIOUS SURFACE, THE RELATIVE HEIGHTS OF THE PERIMETER CONTROL AND STOCKPILE. THE ABILITY OF THE PERIMETER CONTROL TO CONTAIN THE STOCKPILE WITHOUT FAILING IN THE EVENT THAT MATERIAL FROM THE STOCKPILE SHIFTS OR SLUMPS AGAINST THE PERIMETER, AND OTHER FACTORS.
- 3. STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITHIN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS).
- 4. FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADIENT CONTROLS, INCLUDING PERIMETER CONTROL. ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

<u>STOCKPILE MANAGEMENT DETAIL</u>(SP SCALE: 1/8" = 1'-0"

VTC INSTALLATION NOTES:

- INSTALL SEE PLAN VIEW FOR GENERAL LOCATION. CONTRACTOR TO DETERMINE FINAL LOCATION OF CONSTRUCTION SITE ENTRANCE. VTC SHALL BE LOCATED AT ALL ACCESS POINTS TO PUBLIC OR PRIVATE ROADWAY CORRIDORS.
- VTC SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- INSPECT VTC DAILY AND MAINTAIN IN EFFECTIVE OPERATING CONDITION. INSPECT ALL BMPS AFTER ANY PRECIPITATION EVENT. AND PERFORM NECESSARY MAINTENANCE.
- 4. ROCK SHALL BE REPLACED OR REGRADED TO MAINTAIN CONSISTENT DEPTH.
- SEDIMENT TRACKED ONTO PAVED ROADS SHALL BE REMOVED THROUGHOUT THE DAY AND AT THE END OF EACH WORK DAY BY SHOVELING AND SWEEPING. SEDIMENT SHALL NOT BE DISPOSED OF INTO STORM DRAIN SYSTEM.

6" MINUS ROCK AT 9" DEPTH. INSTALL NON-WOVEN GEOTEXTILE FABRIC BENEATH SOIL AND ROCK INSTALL ROCK FLUSH -WITH PAVED SURFACE ADJACENT ROADWAY

VEHICLE TRACKING CONTROL DETAIL (VTC) SCALE: 1/8" = 1'-0"

8 <u>8</u> 2

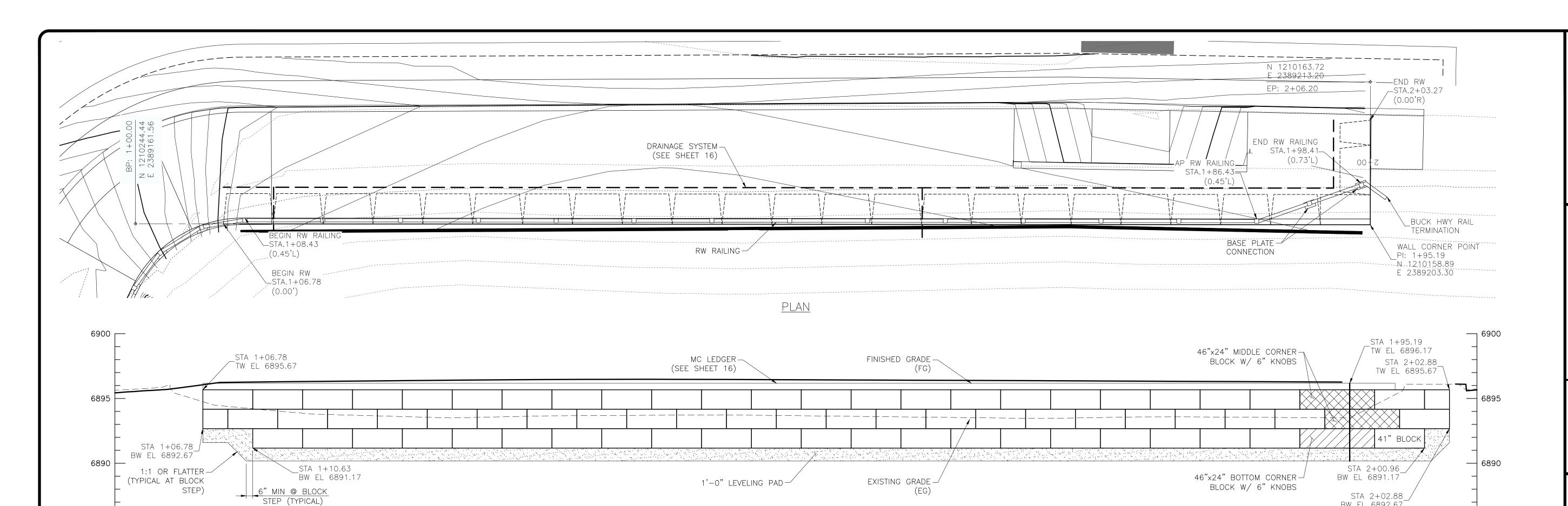


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AMC PE: EMillSt-ErosionDetai

Erosion Control Details

Dwg No.



1+50

PROFILE

DESIGN CRITERIA

6885 L

1+00

INTERNATIONAL BUILDING CODE (IBC) 2018 AMERICAN SOCIETY OF CIVIL ENGINEER (ASCE) 7-22

LIVE LOAD: 250 PSF (POUNDS PER SQUARE FOOT) SURCHARGE ON SIDEWALK

UNIT WT. SOIL PARAMETERS: FRICTION COHESION (PCF) 130 CLASS 1 BACKFILL: 34° NATIVE MATERIALS: 110 100 LEVELING BASE: 120

ALLOWABLE BEARING PRESSURE = 2,000 PSF

THE FOUNDATION DESIGN WAS PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT BY GEOMAT INC. DATED 6/12/2023, PROJECT 232-4407.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- 2. STATIONS, ELEVATIONS AND DIMENSIONS CONTAINED IN THESE PLANS ARE CALCULATED FROM A RECENT FIELD SURVEY. THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- 3. ALL LONGITUDINAL AND TRANSVERSE DIMENSIONS ARE MEASURED HORIZONTALLY AND INCLUDE NO CORRECTION FOR GRADE.
- 4. THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 (1-800-922-1987) AT LEAST 3 DAYS (2 DAYS NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

CONSTRUCTION

- 1. BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2. ONLY LIGHTWEIGHT HAND-OPERATED COMPACTION EQUIPMENT SHALL BE USED WITH 3-FEET BEHIND THE FACING OF UNITS.
- 3. THE EXCAVATION SHALL BE CARRIED TO THE EXTENTS NECESSARY TO PLACE LARGE GRAVITY BLOCKS.
- 4. THE INTEGRITY OF THE SUBGRADE MATERIALS BENEATH THE PROPOSED WALLS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WALL CONSTRUCTION.
- 5. THE FOUNDATION SHALL BE PREPARED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

DRAINAGE

- 1. THE WALL SYSTEM AND SURROUNDING AREAS MUST BE KEPT DRY AT ALL TIMES DURING AND AFTER THE CONSTRUCTION.
- 2. IN NO CASE SHOULD SURFACE RUNOFF BE ALLOWED TO ENTER THE WALL CONSTRUCTION.
- 3. EXCAVATION SLOPES SHALL BE PROTECTED AGAINST EROSION TO REDUCE THE POTENTIAL FOR SLOUGHING AND SLOPE FAILURE.

MATERIALS - GRAVITY WALLS

- 1. LARGE GRAVITY BLOCK (REDI-ROCK OR EQUAL) & TOP UNITS, BACKFILL AND DRAINAGE MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE MANUFACTURER'S CONSTRUCTION GUIDELINES, WHICHEVER IS MORE STRINGENT.
- 2. LARGE GRAVITY BLOCK UNITS (REDI-ROCK OR EQUAL) SHALL BE STANDARD UNITS PRODUCED BY AN AUTHORIZED PRODUCER COMPLYING WITH THE PROJECT SPECIFICATIONS.
- 3. SEGMENTAL BLOCKS SHALL BE INSTALLED TO PRODUCE A 5° BATTERED FACE AS SHOWN IN THE DETAILS. BLOCK FACING COLOR SHALL BE APPROVED BY OWNER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE SAMPLES OF THE BLOCK TO THE ENGINEER FOR REVIEW. FINAL BLOCK COLOR SHALL BE DIRECTED BY THE ENGINEER.
- 4. ALL BLOCKS AND CAP UNITS SHALL BE STORED, HANDLED AND INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
- 5. FILTER FABRIC SHALL BE AASHTO M288 CLASS 2 GEOTEXTILE AND SHALL BE PLACED AS SHOWN IN THE DESIGN DRAWINGS.
- 6. BLOCK FACE TEXTURE SHALL BE LIMESTONE.

MATERIALS — RAILING

DESCRIPTION	SPECIFICATION	STRENGTH	NOTES		
HSS SECTIONS	A847	$f_y = 50 \text{ KSI}$	WEATHERING		
ANGLE SECTIONS	A588	$f_y = 50 \text{ KSI}$	WEATHERING		
STRUCTURAL BOLTS	F3125		TYPE 3 - WEATHERING		
STRUCTURAL NUTS	A563		WEATHERING		
STRUCTURAL WASHERS	F436		WEATHERING		
WELDED WIRE FABRIC (WWF)	A185		PLAIN		
REINFORCING STEEL	A615	GRADE 60	PLAIN		

ABBREVIATIONS

AP = ANGLE POINTABP = ALLOWABLE BEARING PRESSURE

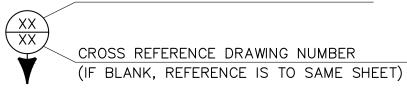
BP = MAXIMUM REQUIRED ALLOWABLE BEARING PRESSURE

BW = BOTTOM OF WALL AT TOP OF FOOTING/LEVELING PAD

TW = TOP OF WALL AT TOP OF WALL BLOCK

UNO = UNLESS NOTED OTHERWISE ϕ = INTERNAL FRICTION ANGLE OF SOIL

SECTION OR DETAIL IDENTIFICATION



Graphic Scale In Feet: 1" = 4'

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BW EL 6892.67

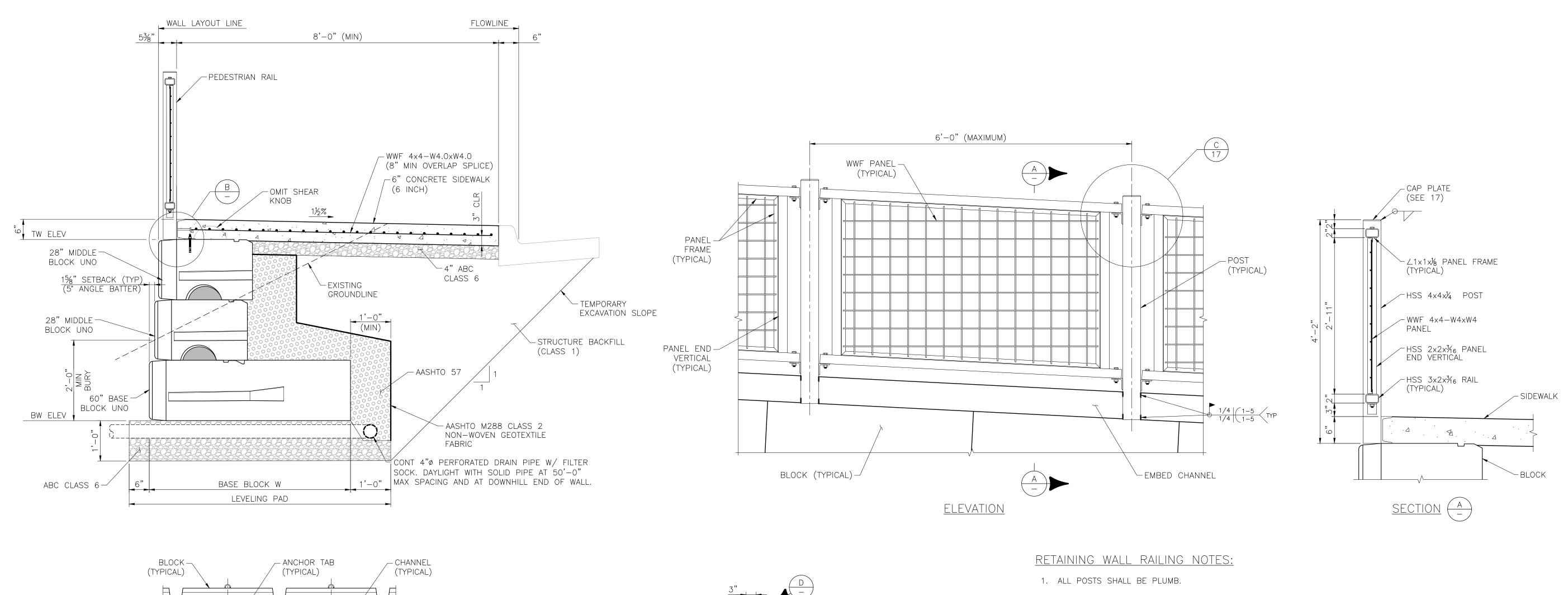
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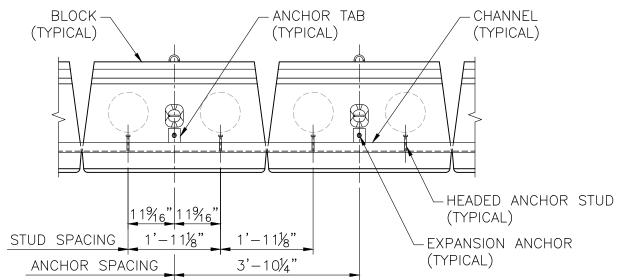
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2021-300.0 MCF PE: Retaining Wall Detai Retaining Wall Details

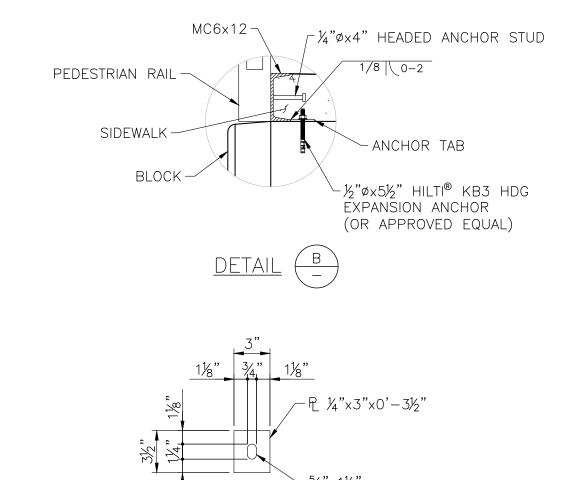
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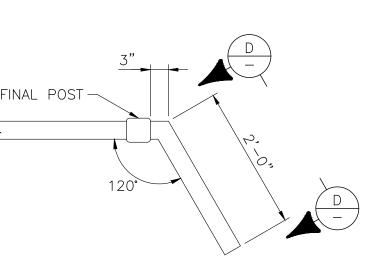


PEDESTRIAN RAIL CONNECTION LAYOUT

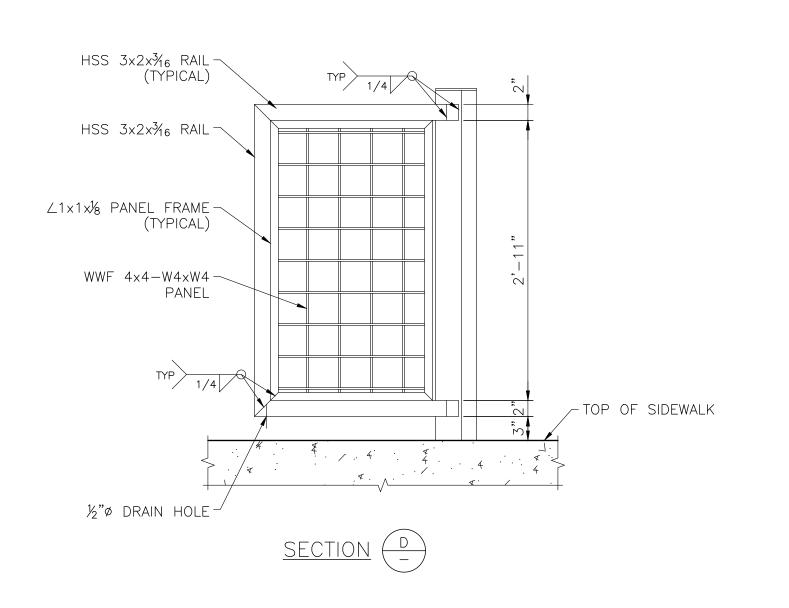


ANCHOR TAB DETAILS

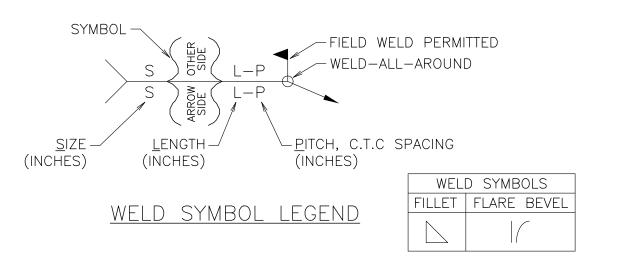
SLOTTED HOLE



BUCK HWY RAIL TERMINATION



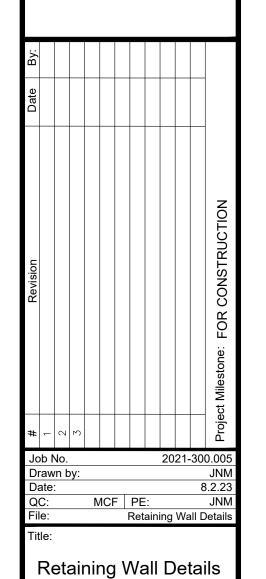
- 2. THE WWF PANELS AND ANGLE IRON FRAME SHALL BE ORIENTED SO THE CUT ENDS OF THE WWF ARE LOCATED ON THE BACK FACE OF THE RAIL, NOT VISIBLE FROM THE TRAIL.
- 3. PAYMENT WILL BE MADE UNDER <u>ITEM 20,</u> FOR ALL POSTS, POST ANCHORS, ANCHOR BOLTS AND STUDS, CHANNEL, CONNECTION PLATES, BOLTS, NUTS AND WASHERS.
- 4. 10 DAYS PRIOR TO FABRICATION OF THIS ITEM, ELECTRONIC SETS OF WORKING DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR INFORMATION ONLY. THIS SHALL BE INCLUDED IN THE WORK.





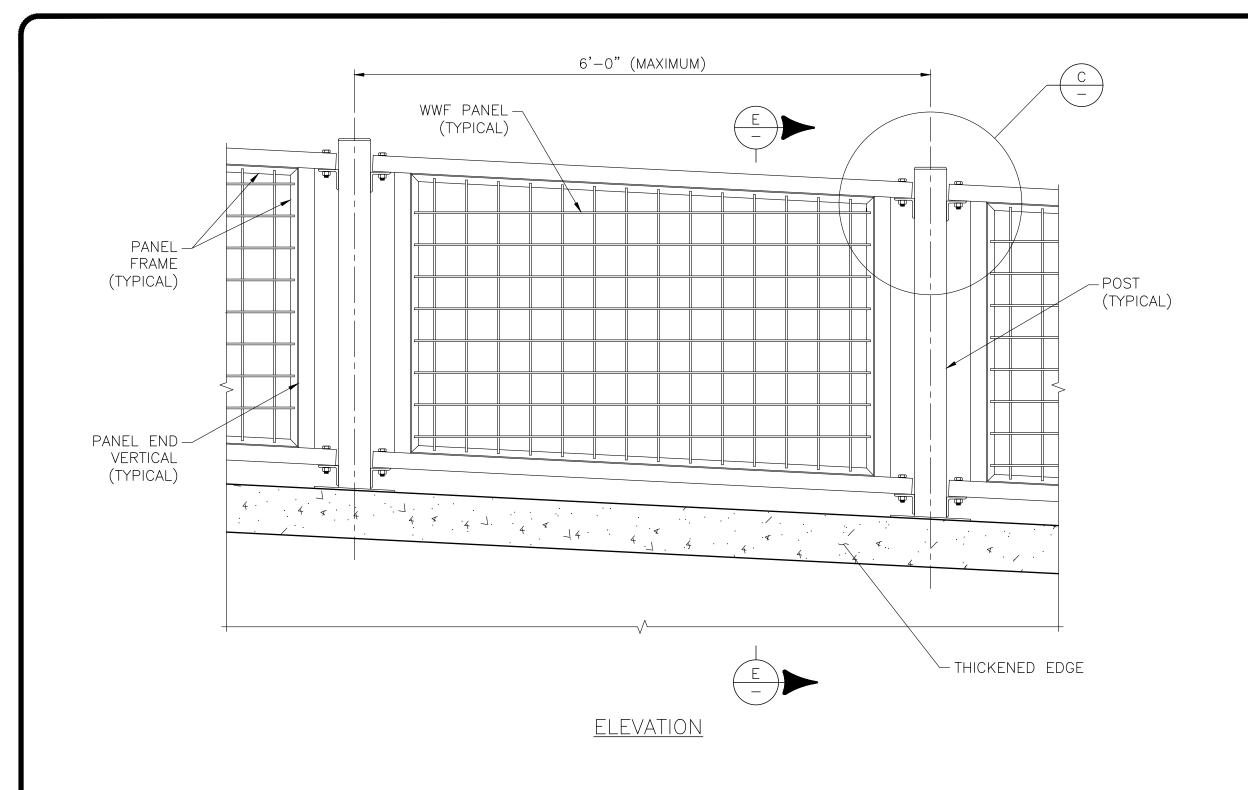
Town of Bayfield

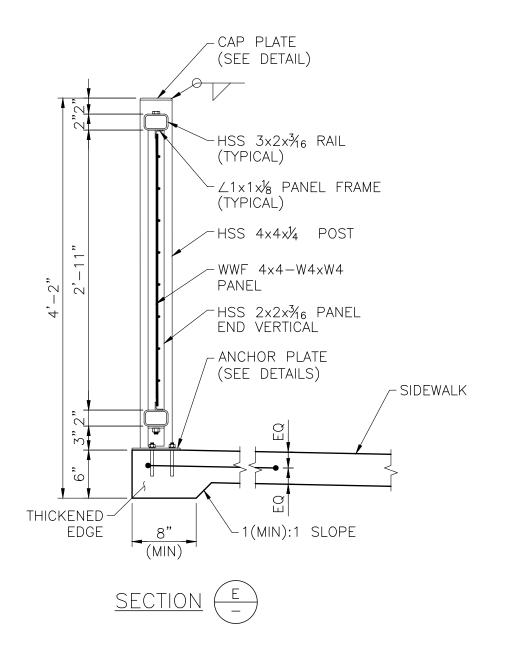
East Mill Street Sidewalk
Improvements

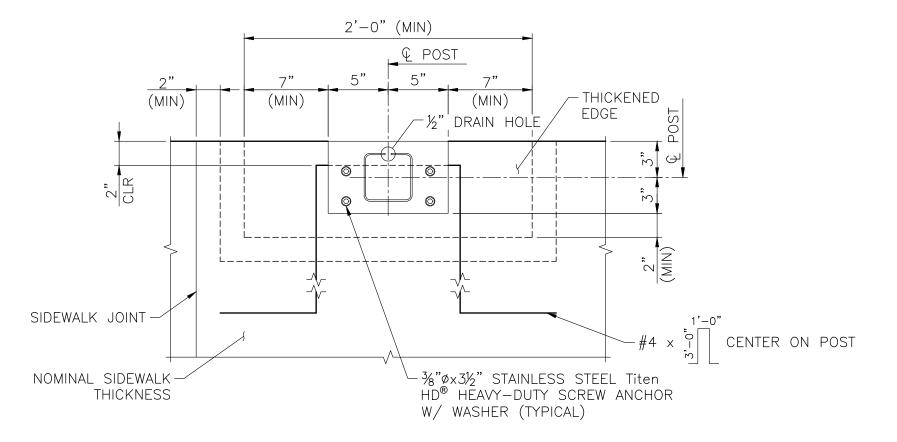


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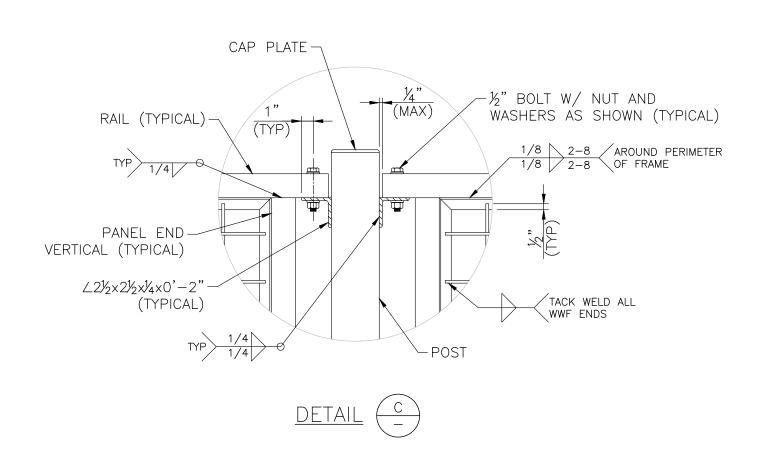
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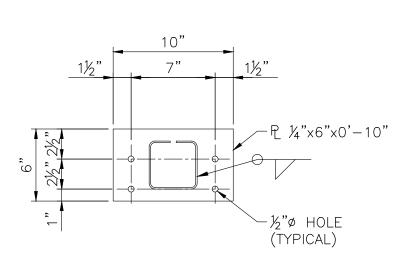




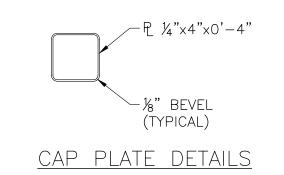


THICKENED EDGE DETIALS





ANCHOR PLATE DETAILS



SIDEWALK RAILING NOTES:

- 1. ALL POSTS SHALL BE PLUMB.
- 2. THE WWF PANELS AND ANGLE IRON FRAME SHALL BE ORIENTED SO THE CUT ENDS OF THE WWF ARE LOCATED ON THE BACK FACE OF THE RAIL, NOT VISIBLE FROM THE TRAIL.
- 3. PAYMENT WILL BE MADE UNDER <u>ITEM 19</u> FOR ALL POSTS, ANCHOR BOLTS, CONNECTION PLATES, BOLTS, NUTS AND WASHERS.
- 4. 10 DAYS PRIOR TO FABRICATION OF THIS ITEM, ELECTRONIC SETS OF WORKING DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR INFORMATION ONLY. THIS SHALL BE INCLUDED IN THE WORK.

118 West Sixth Street, Suite 200 Glenwood Springs, CO 81601 970.945.1004 www.sgm-inc.com

Town of Bayfield

East Mill Street Sidewalk

Improvements

Special Sidewalk Details

Dwg No.

17

Of:

:\PS-SheetSet\Retaining Wall Details.dwg Plotted: 10/