

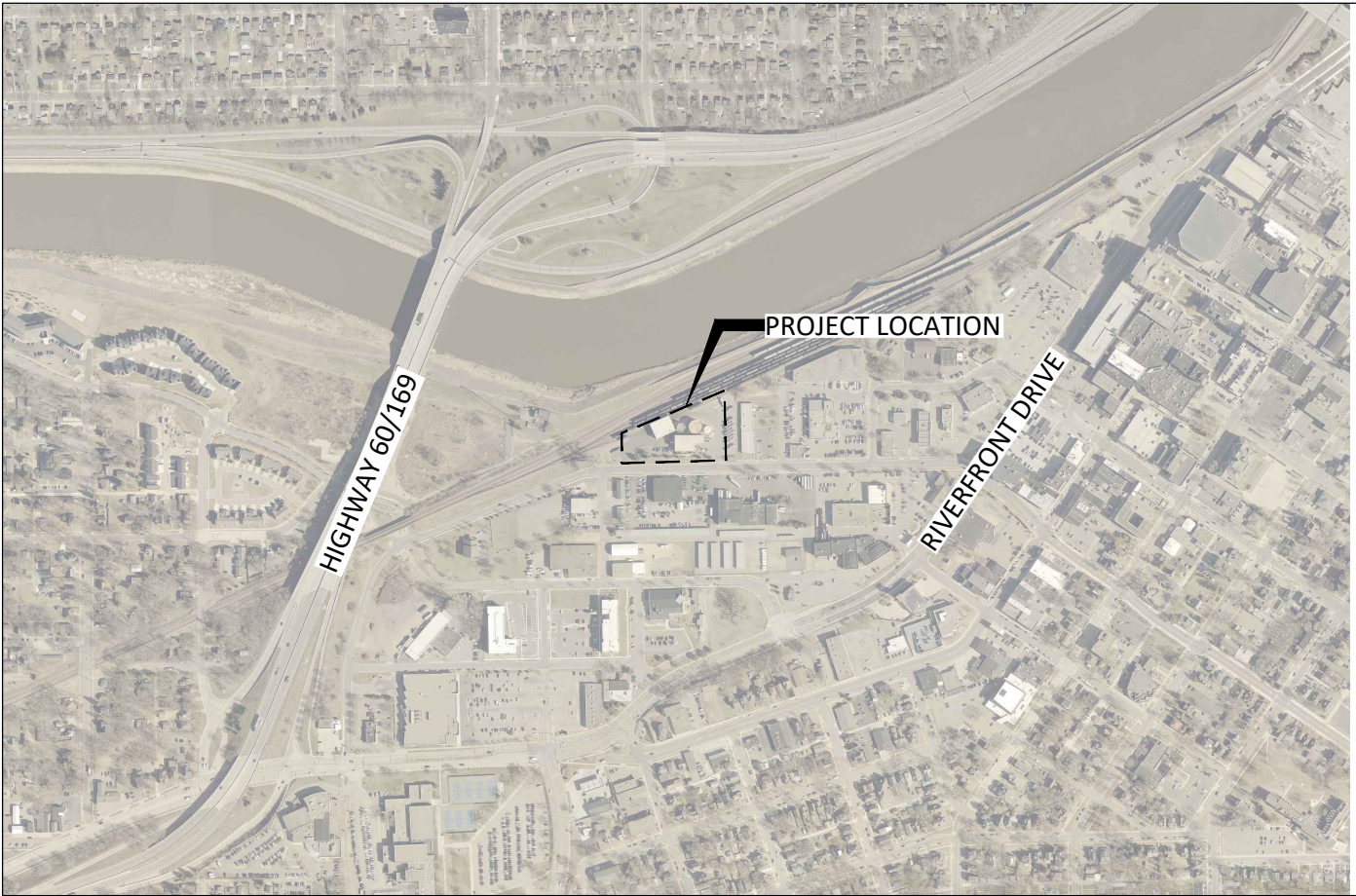
CHS, INC.

CONSTRUCTION PLANS FOR

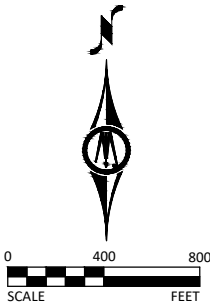
RAIL & TRUCK WASH FACILITY ADDITION

SITE GRADING, UTILITIES, PAVEMENT CONSTRUCTION

JUNE 2026



MAP OF THE
CITY OF MANKATO
BLUE EARTH COUNTY, MN



NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

SHEET NUMBER	SHEET TITLE
GENERAL	
G0.01	TITLE SHEET
G0.02	LEGEND
CIVIL	
C0.01	EXISTING CONDITIONS & REMOVAL PLAN
C1.01 - C1.03	CONSTRUCTION DETAILS
C2.01 - C2.02	GRADING & DRAINAGE PLAN
C3.01	SITE PLAN

THIS PLAN SET CONTAINS 9 SHEETS.

DISCLAIMER:
THE OWNER HAS REQUESTED THAT BOLTON & MENK UTILIZE SITE AND TOPOGRAPHY LINEWORK PROVIDED BY OTHERS. THIS LINEWORK IS A COMBINATION OF EXISTING AND PROPOSED FEATURES. ALL PROPOSED WORK FROM A VERTICAL AND HORIZONTAL STANDPOINT SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION. CONTRACTORS ARE ENCOURAGED TO FIELD FIT AS NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS.

PROJECT DATUM: BLUE EARTH COUNTY HORIZONTAL: 2011 COUNTY COORDINATES VERTICAL: NAVD 1988	RECORD DRAWING INFORMATION
	OBSERVER:
	CONTRACTOR:
	DATE:

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CONSTRUCTION

ALEC W. PIETZ, P.E.
LIC. NO. 59617 DATE XX/XX/XXXX



1960 PREMIER DRIVE
MANKATO, MN 56001
Phone: (507) 625-4171
Email: Mankato@bolton-menk.com
www.bolton-menk.com

DESIGNED	NO.	ISSUED FOR	DATE
AWP			
DRAWN			
AWP			
CHECKED			
AWP			
CLIENT PROJ. NO.			
26X.143815			

CHS, INC.	G0.01
RAIL & TRUCK WASH FACILITY ADDITION	
TITLE SHEET	

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EXISTING TOPOGRAPHIC SYMBOLS

	ACCESS GRATE		REGULATION STATION GAS
	AIR CONDITION UNIT		SATELLITE DISH
	ANTENNA		SIGN NON TRAFFIC
	AUTO SPRINKLER CONNECTION		SIGN TRAFFIC
	BARRICADE PERMANENT		SIGNAL CONTROL CABINET
	BASKETBALL POST		SOIL BORING
	BENCH		SIREN
	BIRD FEEDER		TELEPHONE BOOTH
	BOLLARD		TILE INLET
	BUSH		TILE OUTLET
	CATCH BASIN RECTANGULAR CASTING		TILE RISER
	CATCH BASIN CIRCULAR CASTING		TRANSFORMER-ELECTRIC
	CURB STOP		TREE-CONIFEROUS
	CLEAN OUT		TREE-DEAD
	CULVERT END		TREE-DECIDUOUS
	DRINKING FOUNTAIN		TREE STUMP
	DOWN SPOUT		TRAFFIC ARM BARRIER
	FILL PIPE		TRAFFIC SIGNAL
	FIRE HYDRANT		TRASH CAN
	FLAG POLE		UTILITY MARKER
	FLARED END / APRON		VALVE
	FUEL PUMP		VALVE POST INDICATOR
	GRILL		VALVE VAULT
	GUY WIRE ANCHOR		VAULT
	HANDHOLE		VENT PIPE
	HANDICAP SPACE		WATER SPIGOT
	IRRIGATION SPRINKLER HEAD		WELL
	IRRIGATION VALVE BOX		WETLAND DELINEATED MARKER
	LIFT STATION CONTROL PANEL		WETLAND
	LIFT STATION		WET WELL
	LIGHT ON POLE		YARD HYDRANT
	LIGHT-GROUND		
	MAILBOX		

PROPOSED TOPOGRAPHIC SYMBOLS

	CLEANOUT
	MANHOLE
	LIFT STATION
	STORM SEWER CIRCULAR CASTING
	STORM SEWER RECTANGULAR CASTING
	STORM SEWER FLARED END / APRON
	STORM SEWER OUTLET STRUCTURE
	STORM SEWER OVERFLOW STRUCTURE
	CURB BOX
	FIRE HYDRANT
	WATER VALVE
	WATER REDUCER
	WATER BEND
	WATER TEE
	WATER CROSS
	WATER SLEEVE
	WATER CAP / PLUG
	RIP RAP
	DRAINAGE FLOW
	TRAFFIC SIGNS

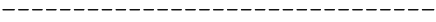
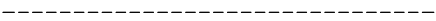
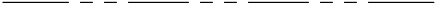
SURVEY SYMBOLS

	BENCHMARK LOCATION		CAST IRON MONUMENT
	CONTROL POINT		STONE MONUMENT
	MONUMENT FOUND		

EXISTING TOPOGRAPHIC LINES

	RETAINING WALL
	FENCE
	FENCE-DECORATIVE
	GUARD RAIL
	TREE LINE
	BUSH LINE

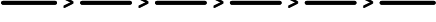
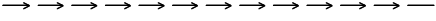
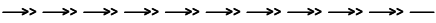
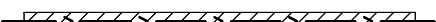
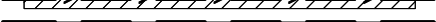
SURVEY LINES

	CONTROLLED ACCESS BOUNDARY
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	SETBACK LINE
	SECTION LINE
	QUARTER LINE
	SIXTEENTH LINE
	TEMPORARY EASEMENT

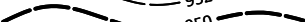
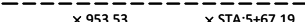
EXISTING UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE

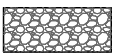
PROPOSED UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE
	PIPE CASING
	TRENCHLESS PIPE (PLAN VIEW)
	TRENCHLESS PIPE (PROFILE VIEW)

GRADING INFORMATION

	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED CONTOUR MAJOR
	PROPOSED GRADING LIMITS / SLOPE LIMITS
	PROJECT LIMITS
	PROPOSED SPOT ELEVATION
	RISE:RUN (SLOPE)

HATCH PATTERNS

	BITUMINOUS		GRAVEL
	CONCRETE		

EXISTING PRIVATE UTILITY LINES

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	UNDERGROUND FIBER OPTIC
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND COMMUNICATION
	OVERHEAD ELECTRIC
	OVERHEAD COMMUNICATION
	OVERHEAD UTILITY

UTILITIES IDENTIFIED WITH A QUALITY LEVEL :

LINE TYPES FOLLOW THE FORMAT: UTILITY TYPE - QUALITY LEVEL
EXAMPLE:  G-A  G-A UNDERGROUND GAS, QUALITY LEVEL A
UTILITY QUALITY LEVEL (A,B,C,D) DEFINITIONS CAN BE FOUND IN CI/ASCE 38-02.

UTILITY QUALITY LEVELS:

QUALITY LEVEL D: PROVIDES THE MOST BASIC LEVEL OF INFORMATION. IT INVOLVES COLLECTING DATA FROM EXISTING UTILITY RECORDS. RECORDS MAY INCLUDE AS-BUILT DRAWINGS, DISTRIBUTION AND SERVICES MAPS, EXISTING GEOGRAPHIC INFORMATION SYSTEM DATABASES, CONSTRUCTION PLANS, ETC.

QUALITY LEVEL C: INVOLVES SURVEYING VISIBLE SUBSURFACE UTILITY STRUCTURES SUCH AS MANHOLES, HAND-HOLES, UTILITY VALVES AND METERS, FIRE HYDRANTS, PEDESTALS AND UTILITY MARKERS, AND THEN CORRELATING THE INFORMATION WITH EXISTING UTILITY RECORDS TO CREATE COMPOSITE DRAWINGS. INCLUDES QUALITY LEVEL D ACTIVITIES.

QUALITY LEVEL B: INVOLVES DESIGNATING THE HORIZONTAL POSITION OF SUBSURFACE UTILITIES THROUGH SURFACE DETECTION METHODS AND COLLECTING THE INFORMATION THROUGH A SURVEY METHOD. INCLUDES QUALITY LEVEL C AND D TASKS.

QUALITY LEVEL A: PROVIDES THE HIGHEST LEVEL OF ACCURACY. IT INVOLVES LOCATING OR POTHOLING UTILITIES AS WELL AS ACTIVITIES IN QUALITY LEVELS B, C, AND D. THE LOCATED FACILITY INFORMATION IS SURVEYED AND MAPPED AND THE DATA PROVIDES PRECISE PLAN AND PROFILE INFORMATION.

ABBREVIATIONS

A	ALGEBRAIC DIFFERENCE	GRAV	GRAVEL	RSC	RIGID STEEL CONDUIT
ADJ	ADJUST	GU	GUTTER	RT	RIGHT
ALT	ALTERNATE	GV	GATE VALVE	SAN	SANITARY SEWER
B-B	BACK TO BACK	HDPE	HIGH DENSITY POLYETHYLENE	SCH	SCHEDULE
BIT	BITUMINOUS	HH	HANDHOLE	SERV	SERVICE
BLDG	BUILDING	HP	HIGH POINT	SHLD	SHOULDER
BMP	BEST MANAGEMENT PRACTICE	HWL	HIGH WATER LEVEL	STA	STATION
BR	BEGIN RADIUS	HYD	HYDRANT	STD	STANDARD
BV	BUTTERFLY VALVE	I	INVERT	STM	STORM SEWER
CB	CATCH BASIN	K	CURVE COEFFICIENT	TC	TOP OF CURB
C&G	CURB AND GUTTER	L	LENGTH	TE	TEMPORARY EASEMENT
CIP	CAST IRON PIPE	LO	LOWEST OPENING	TEMP	TEMPORARY
CIPP	CURED-IN-PLACE PIPE	LP	LOW POINT	TNH	TOP NUT HYDRANT
CL	CENTER LINE	LT	LEFT	TP	TOP OF PIPE
CL	CLASS	MAX	MAXIMUM	TYP	TYPICAL
CLVT	CULVERT	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	MIN	MINIMUM	VERT	VERTICAL
C.O.	CHANGE ORDER	MR	MID RADIUS	VPC	VERTICAL POINT OF CURVE
COMM	COMMUNICATION	NIC	NOT IN CONTRACT	VPI	VERTICAL POINT OF INTERSECTION
CON	CONCRETE	NMC	NON-METALLIC CONDUIT	VPT	VERTICAL POINT OF TANGENT
CSP	CORRUGATED STEEL PIPE	NTS	NOT TO SCALE	WM	WATERMAIN
DIA	DIAMETER	NWL	NORMAL WATER LEVEL		
DIP	DUCTILE IRON PIPE	OHW	ORDINARY HIGH WATER LEVEL		
DWY	DRIVEWAY	PC	POINT OF CURVE	AC	ACRES
E	EXTERNAL CURVE DISTANCE	PCC	POINT OF COMPOUND CURVE	CF	CUBIC FEET
ELEC	ELECTRIC	PE	PERMANENT EASEMENT	CV	COMPACTED VOLUME
ELEV	ELEVATION	PED	PEDESTRIAN, PEDESTAL	CY	CUBIC YARD
EOF	EMERGENCY OVERFLOW	PERF	PERFORATED PIPE	EA	EACH
ER	END RADIUS	PERM	PERMANENT	EV	EXCAVATED VOLUME
ESMT	EASEMENT	PI	POINT OF INTERSECTION	LB	POUND
EX	EXISTING	PL	PROPERTY LINE	LF	LINEAR FEET
FES	FLARED END SECTION	PRC	POINT OF REVERSE CURVE	LS	LUMP SUM
F-F	FACE TO FACE	PT	POINT OF TANGENT	LV	LOOSE VOLUME
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE PIPE	SF	SQUARE FEET
F&I	FURNISH AND INSTALL	PVMT	PAVEMENT	SV	STOCKPILE VOLUME
FM	FORCEMAIN	R	RADIUS	SY	SQUARE YARD
FO	FIBER OPTIC	R/W	RIGHT-OF-WAY		
F.O.	FIELD ORDER	RCP	REINFORCED CONCRETE PIPE		
GRAN	GRANULAR	RET	RETAINING		

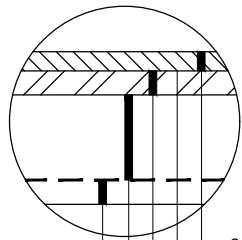
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RAIL & TRUCK WASH FACILITY ADDITION

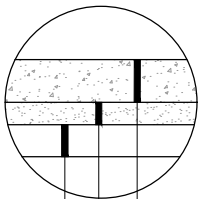
LEGEND

SHEET

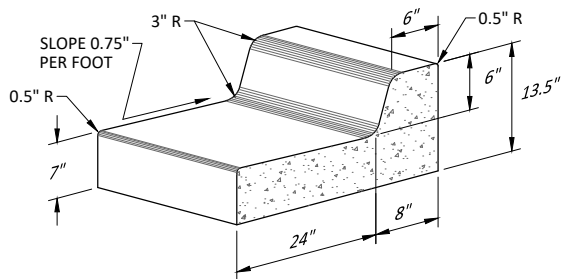
G0.02



BITUMINOUS PAVEMENT SECTION
NOT TO SCALE

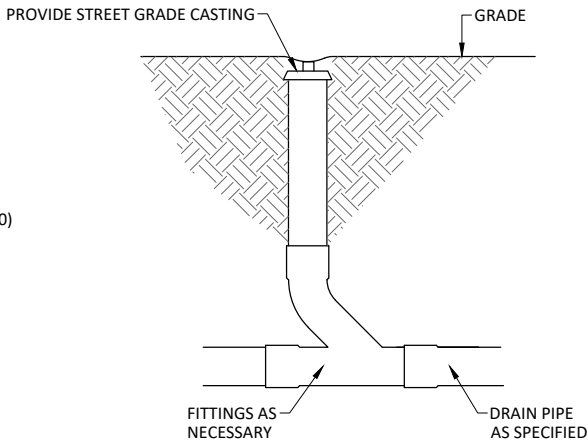


8" CONCRETE APRON
NOT TO SCALE

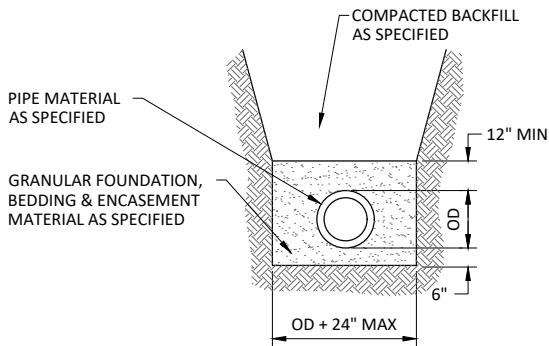


CONCRETE CURB & GUTTER
DESIGN B624
NOT TO SCALE

- NOTES:
- SEE VARIATIONS ON GRADING PLAN
 - ALTER AS NECESSARY TO MATCH EXISTING CONDITIONS



STORM SEWER CLEANOUT
NOT TO SCALE



NON-RIGID STORM SEWER TRENCH
NOT TO SCALE

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CONSTRUCTION

ALEC W. PIETZ, P.E.
LIC. NO. 59617 DATE XX/XX/XXXX



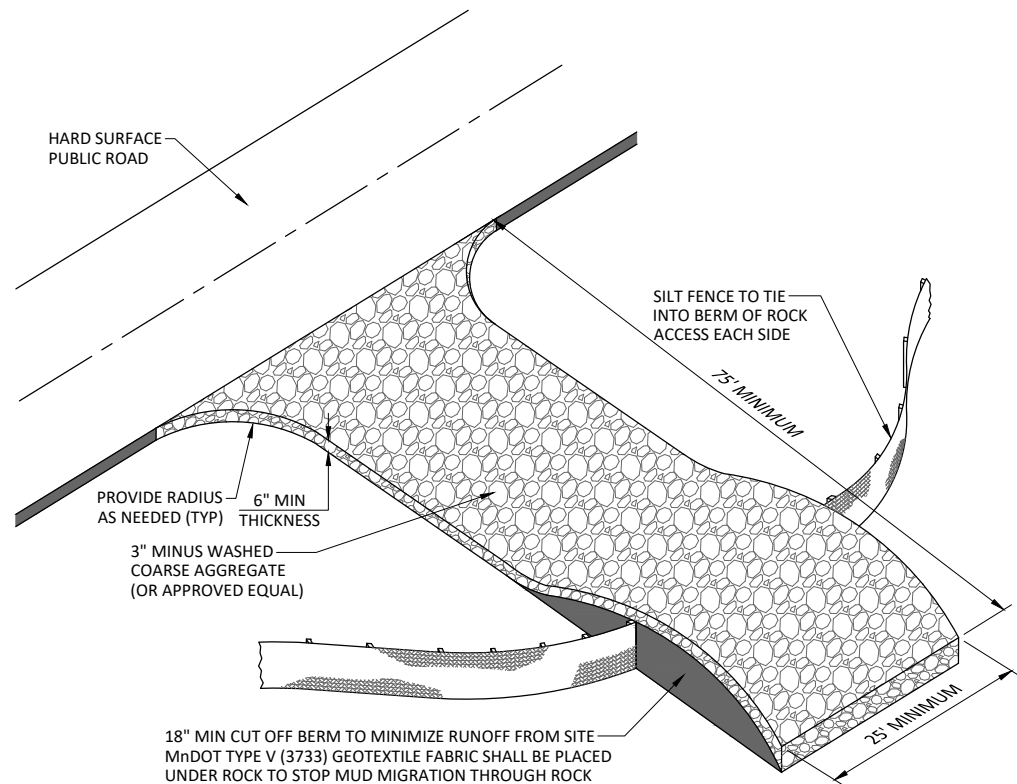
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CHS, INC.
RAIL & TRUCK WASH FACILITY ADDITION
SURFACE AND UTILITY DETAILS

SHEET

C1.01

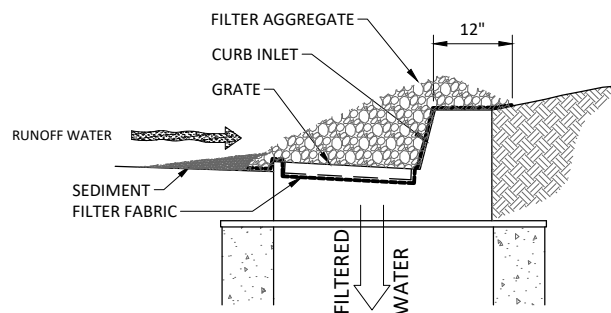


ROCK CONSTRUCTION ENTRANCE

NOT TO SCALE

NOTES:

1. FILTER AGGREGATE TO BE 1 TO 2 INCH CLEAN ROCK
2. FILTER FABRIC SHALL MEET MnDOT SPECIFICATION 3733 GEOTEXTILE FABRIC TYPE II



INLET PROTECTION FILTER AGGREGATE

NOT TO SCALE

INLET SPECIFICATIONS AS PER
THE PLAN DIMENSION LENGTH
AND WIDTH TO MATCH

GEOTEXTILE FABRIC, TYPE WOVEN
MONOFILAMENT CONFORMING TO
SPEC. 3886, TABLE 3886-1
MACHINE SLICE

FRONT, BACK AND BOTTOM
TO BE MADE FROM SINGLE
PIECE OF FABRIC

4"x6" OVAL HOLE SHALL BE
HEAT CUT INTO ALL FOUR
SIDE PANELS

FLAP POCKET

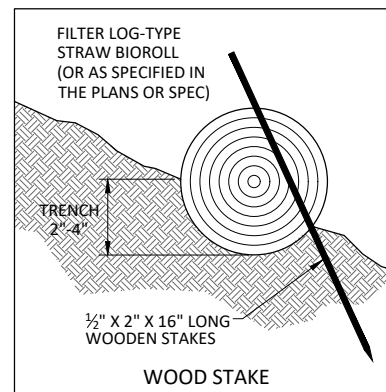
2

USE REBAR OR STEEL ROD
FOR REMOVAL
OR
FOR INLETS WITH CAST
CURB BOX USE WOOD
2x4, EXTEND 10" BEYOND
GRATE WIDTH ON BOTH
SIDES, LENGTH VARIES,
SECURE TO GRATE WITH
WIRE OR PLASTIC TIES

MINIMUM DOUBLE STITCHED
SEAMS ALL AROUND SIDE
PIECES AND ON FLAP POCKETS

INLET PROTECTION GEOTEXTILE BAG

NOT TO SCALE



WOOD STAKE

TRENCH
2"-4"

FILTER LOG-TYPE
STRAW BIOROLL
(OR AS SPECIFIED IN
THE PLANS OR SPEC)

1/2" X 2" X 16" LONG
WOODEN STAKES

4"
MAX.

INSTALL FILTER LOG
ALONG THE CONTOUR

NOTE:

1. OVERLAP ENDS OF FILTER LOG BY A MINIMUM OF 6".
2. FILTER LOGS SHALL BE ACCORDING TO MNDOT SPEC 3897 AND INSTALLED ACCORDING TO MNDOT SPEC 2573.

PERIMETER PROTECTION-FILTER LOG

NOT TO SCALE

NOTES:

- 1 INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL IN THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- 2 FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

INSTALLATION NOTES:

DO NOT INSTALL PROTECTION IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

NOTE: DETAILS SHOWN ARE ACCEPTABLE PRACTICES OF
EROSION & SEDIMENT CONTROL, ANY OR ALL MAY BE USED

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LIC. NO. 59617 DATE XX/XX/XXXX



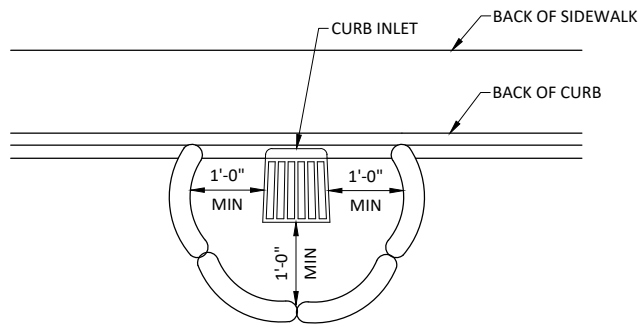
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MANKATO, MN 56001
Phone: (507) 625-4171
Email: Mankato@bolton-menk.com
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CHS, INC.
RAIL & TRUCK WASH FACILITY ADDITION
EROSION & SEDIMENT CONTROL DETAILS

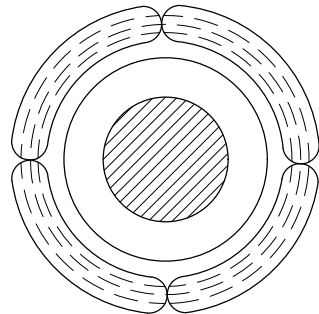
SHEET

C1.02



NOTE:
THIS INLET PROTECTION IS USED DURING
ROUGH GRADING ONLY, USE BEFORE ROAD
IS OPEN TO TRAFFIC OR IS PAVED

PAYMENT SHALL INCLUDE ALL MATERIALS,
FILLING OF LOG, PLACEMENT,
MAINTENANCE & REMOVAL;
80% OF BID PRICE SHALL BE PAID UPON
PROPER PLACEMENT WITH THE FINAL 20%
PAID UPON REMOVAL



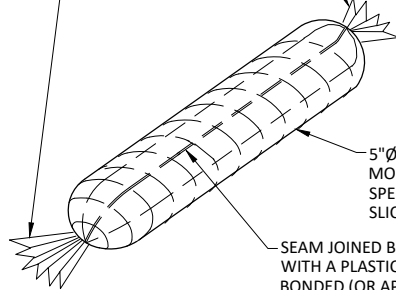
INLET PROTECTION
WITH ROCK LOG

FILL ROCK LOG WITH 45 LBS. OF OPEN
GRADED AGGREGATE CONSISTING OF
SOUND, DURABLE PARTICLES OF CRUSHED
QUARRY ROCK OR GRAVEL CONFORMING
TO THE FOLLOWING GRADATION.

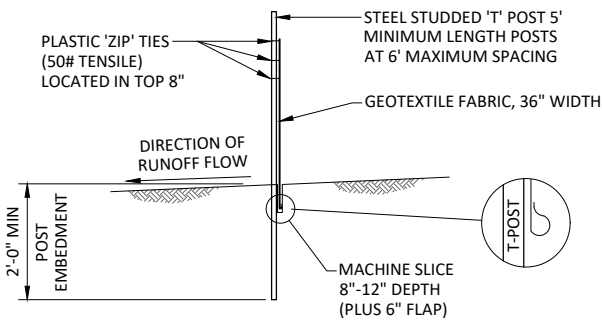
GRADATION	
SIEVE SIZE	PERCENT PASSING
1 1/2"	100
1"	95-100
3/4"	65-95
3/8"	30-65
NO 4	10-35
NO 10	3-20
NO 40	0-8
NO 200	0-3

NOTE:
CRUSHED CONCRETE OR BITUMINOUS
SHALL NOT BE USED FOR OPEN
GRADED AGGREGATE.

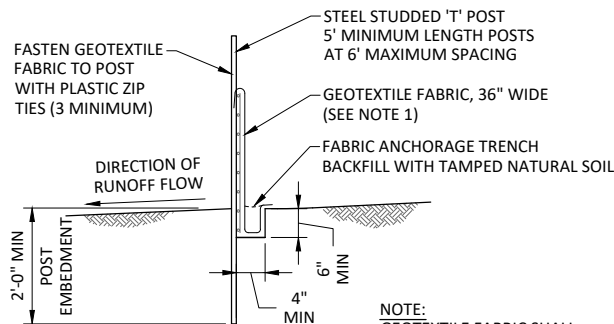
ENDS SECURELY CLOSED TO
PREVENT LOSS OF OPEN
GRADED AGGREGATE FILL,
SECURED WITH 50 PSI ZIP TIE



INLET PROTECTION
ROCK BAG
NOT TO SCALE

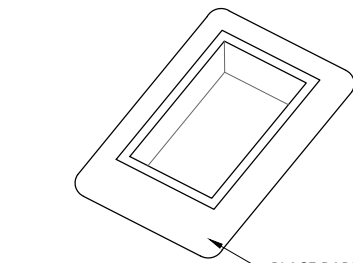


SILT FENCE - MACHINE SLICED
NOT TO SCALE

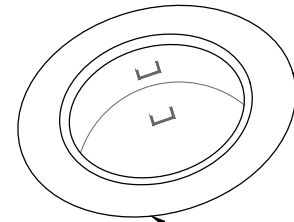


SILT FENCE - HEAVY DUTY
NOT TO SCALE

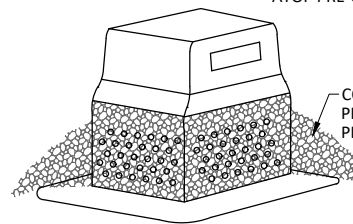
NOTE:
GEOTEXTILE FABRIC SHALL
BE PER MnDOT SPEC 3886



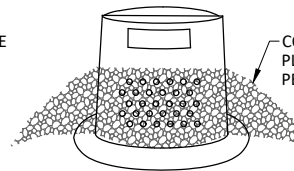
PLACE BARRIER FRAME
ATOP PRE-CAST TOP SLAB



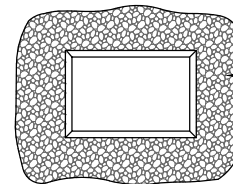
PLACE BARRIER FRAME
ATOP PRE-CAST TOP SLAB



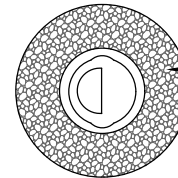
COARSE FILTER AGGREGATE
PLACED TO COVER
PERFORATIONS



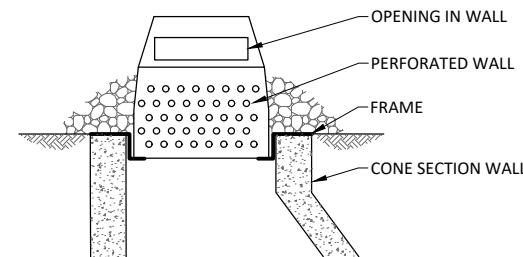
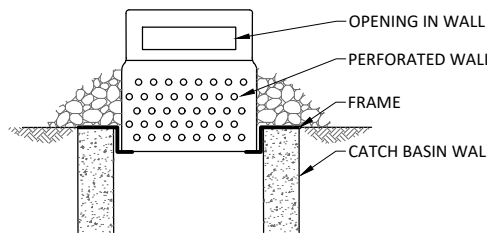
COARSE FILTER AGGREGATE
PLACED TO COVER
PERFORATIONS



TOP VIEW



TOP VIEW



INLET PROTECTION
PERFORATED WALL
NOT TO SCALE

NOTE: DETAILS SHOWN ARE ACCEPTABLE PRACTICES OF
EROSION & SEDIMENT CONTROL, ANY OR ALL MAY BE USED

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A:\GIS\CHS - PA 26X143815\000\040\040143815\CD1.dwg 6/19/2025 8:28:42 AM Plotted by Alec Pietz

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED
BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
ALEC W. PIETZ, P.E.
LIC. NO. 59617 DATE XX/XX/XXXX



1960 PREMIER DRIVE
MANKATO, MN 56001
Phone: (507) 625-4171
Email: Mankato@bolton-menk.com
www.bolton-menk.com

DESIGNED	NO.	ISSUED FOR	DATE
AWP			
DRAWN			
AWP			
CHECKED			
AWP			
CLIENT PROJ. NO.	26X.143815		

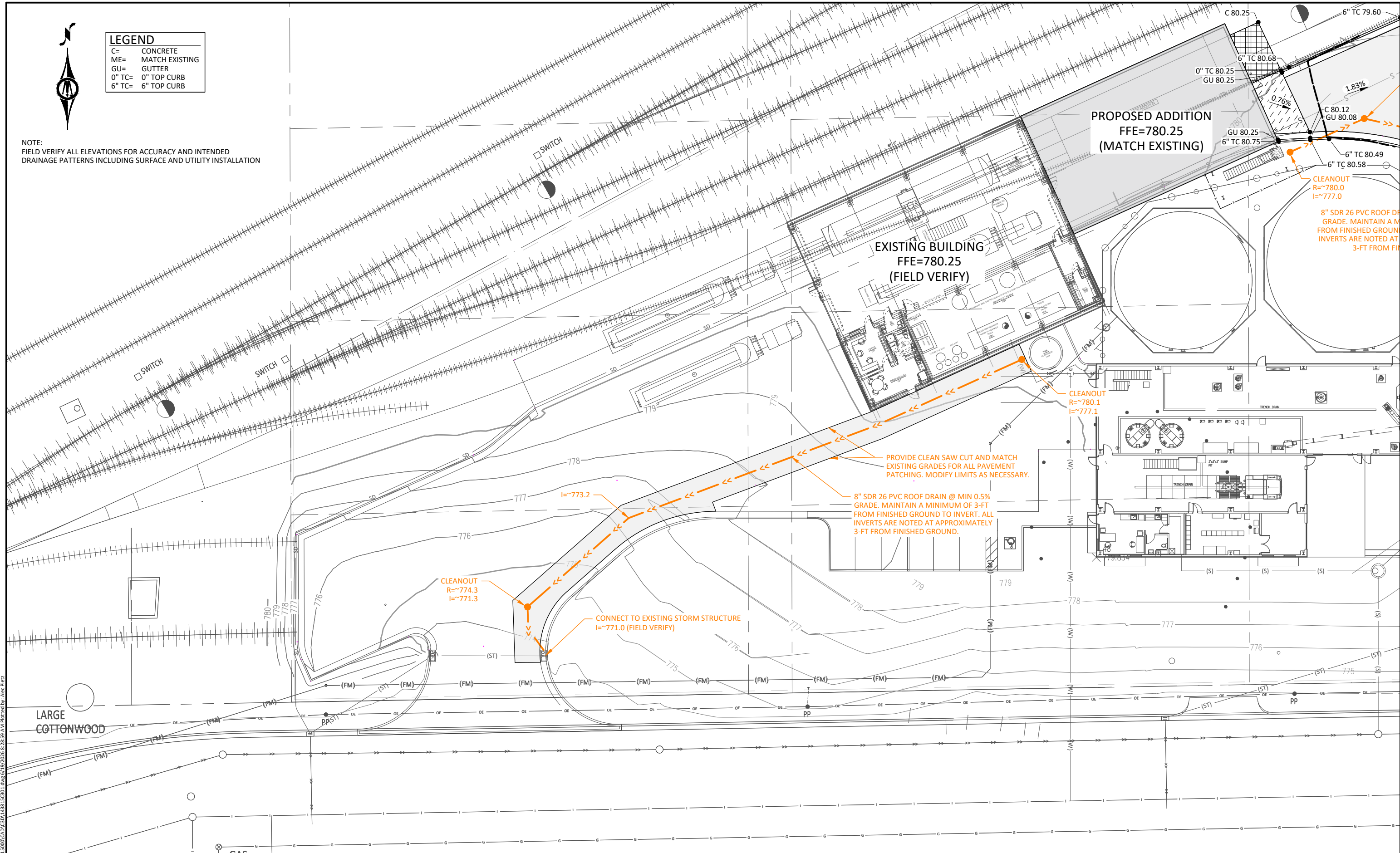
CHS, INC.
RAIL & TRUCK WASH FACILITY ADDITION
EROSION & SEDIMENT CONTROL DETAILS

SHEET
C1.03

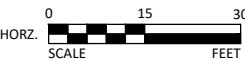


LEGEND	
C=	CONCRETE
ME=	MATCH EXISTING
GU=	GUTTER
0" TC=	0" TOP CURB
6" TC=	6" TOP CURB

NOTE:
FIELD VERIFY ALL ELEVATIONS FOR ACCURACY AND INTENDED DRAINAGE PATTERNS INCLUDING SURFACE AND UTILITY INSTALLATION



LARGE
COTTONWOOD



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CONSTRUCTION

ALEC W. PIETZ, P.E.
LIC. NO. 59617 DATE XX/XX/XXXX

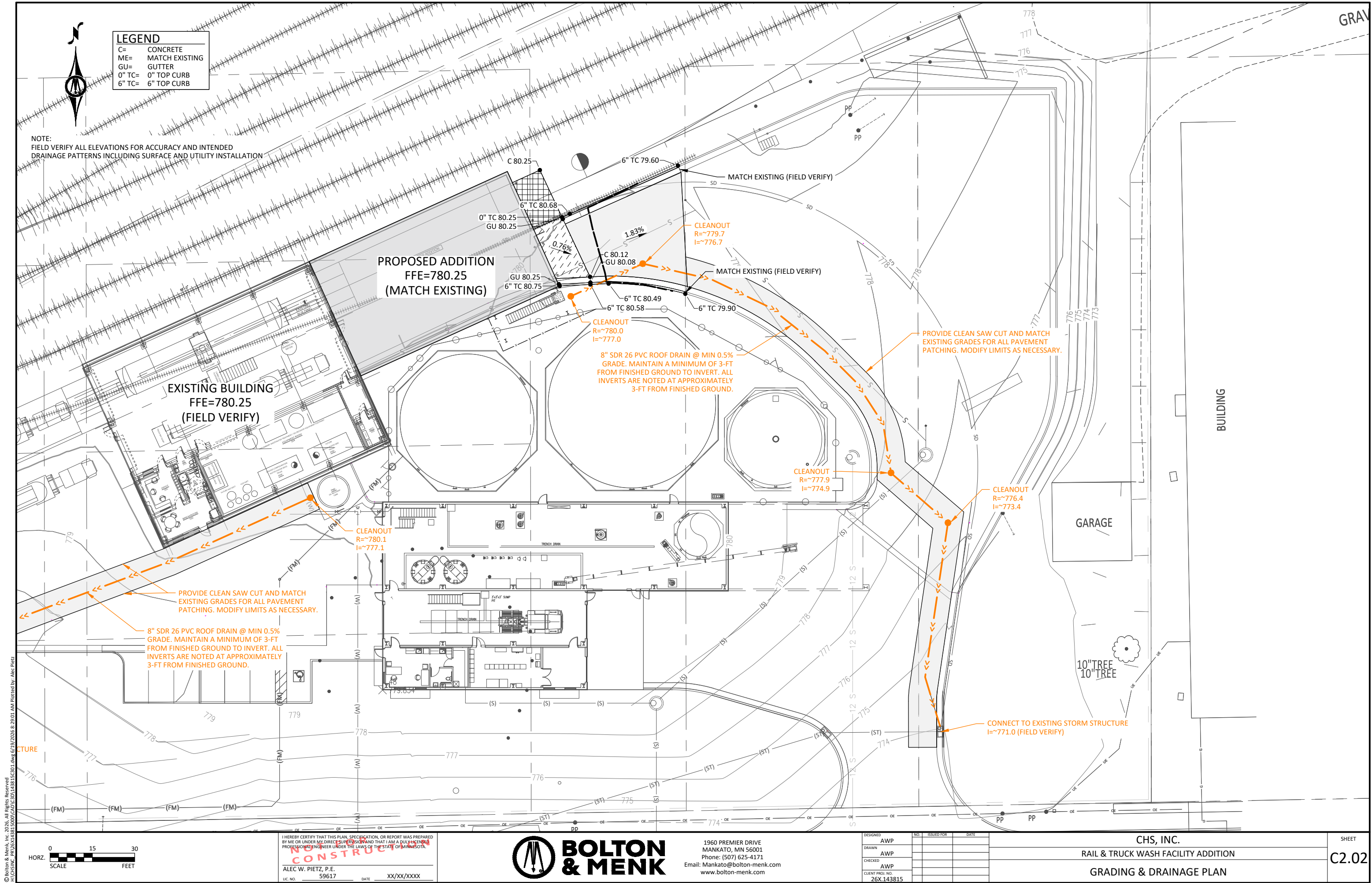


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CHS, INC.
RAIL & TRUCK WASH FACILITY ADDITION
GRADING & DRAINAGE PLAN

SHEET
C2.01



LEGEND
C= CONCRETE
ME= MATCH EXISTING
GU= GUTTER
0" TC= 0" TOP CURB
6" TC= 6" TOP CURB

NOTE:
FIELD VERIFY ALL ELEVATIONS FOR ACCURACY AND INTENDED DRAINAGE PATTERNS INCLUDING SURFACE AND UTILITY INSTALLATION

PROPOSED ADDITION
FFE=780.25
(MATCH EXISTING)

EXISTING BUILDING
FFE=780.25
(FIELD VERIFY)

MATCH EXISTING (FIELD VERIFY)

MATCH EXISTING (FIELD VERIFY)

CLEANOUT
R=780.0
I=777.0

8" SDR 26 PVC ROOF DRAIN @ MIN 0.5% GRADE. MAINTAIN A MINIMUM OF 3-FT FROM FINISHED GROUND TO INVERT. ALL INVERTS ARE NOTED AT APPROXIMATELY 3-FT FROM FINISHED GROUND.

PROVIDE CLEAN SAW CUT AND MATCH EXISTING GRADES FOR ALL PAVEMENT PATCHING. MODIFY LIMITS AS NECESSARY.

CLEANOUT
R=777.9
I=774.9

CLEANOUT
R=776.4
I=773.4

CLEANOUT
R=780.1
I=777.1

PROVIDE CLEAN SAW CUT AND MATCH EXISTING GRADES FOR ALL PAVEMENT PATCHING. MODIFY LIMITS AS NECESSARY.

8" SDR 26 PVC ROOF DRAIN @ MIN 0.5% GRADE. MAINTAIN A MINIMUM OF 3-FT FROM FINISHED GROUND TO INVERT. ALL INVERTS ARE NOTED AT APPROXIMATELY 3-FT FROM FINISHED GROUND.

CONNECT TO EXISTING STORM STRUCTURE
I=771.0 (FIELD VERIFY)

10" TREE
10" TREE

0 15 30
HORIZ. SCALE FEET

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CONSTRUCTION
ALEC W. PIETZ, P.E.
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DRAWN			
AWP			
CHECKED			
AWP			
CLIENT PROJ. NO.	26X.143815		

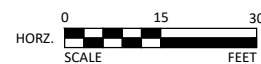
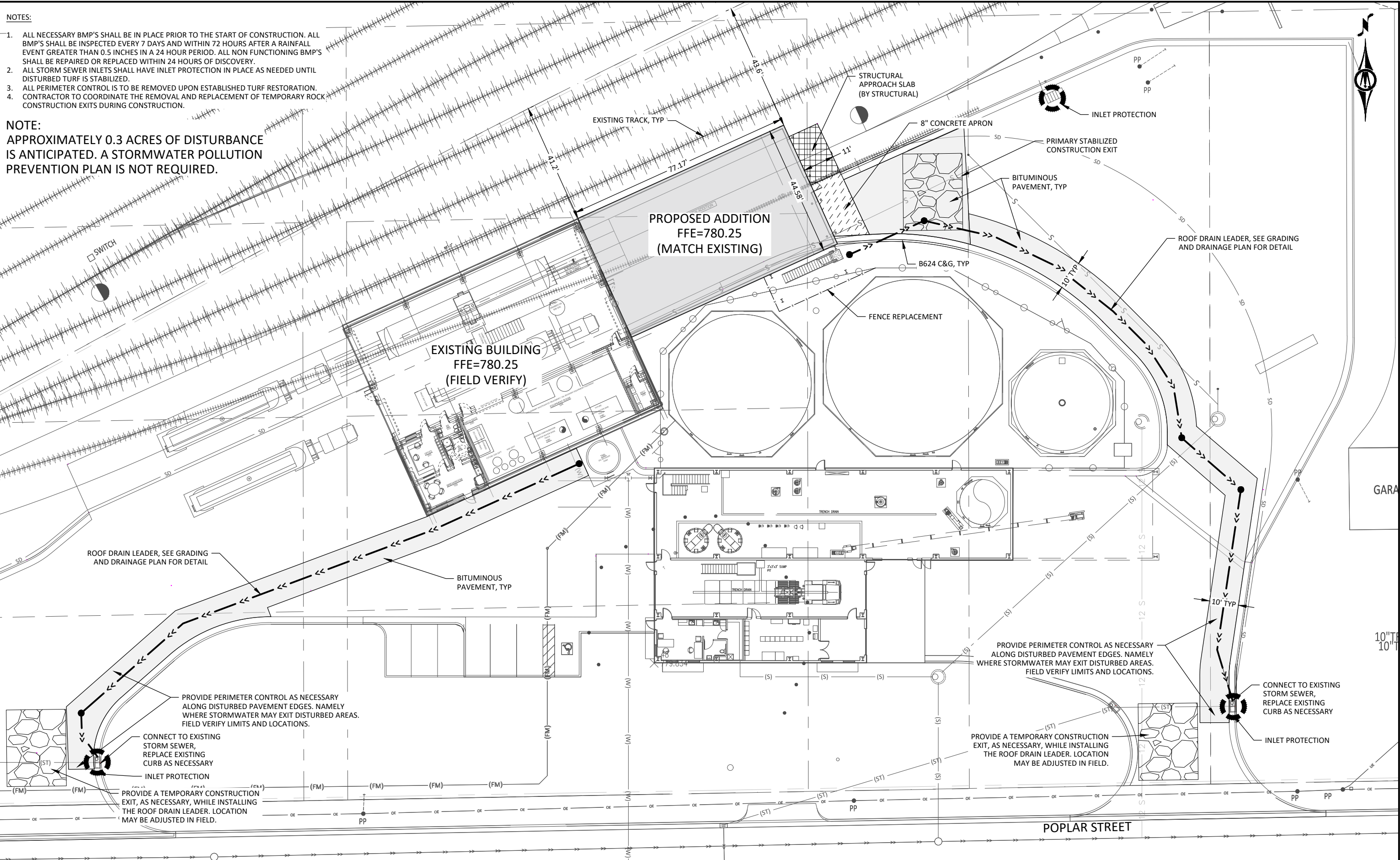
CHS, INC.
RAIL & TRUCK WASH FACILITY ADDITION
GRADING & DRAINAGE PLAN

SHEET

C2.02

1. ALL NECESSARY BMP'S SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION. ALL BMP'S SHALL BE INSPECTED EVERY 7 DAYS AND WITHIN 72 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN A 24 HOUR PERIOD. ALL NON FUNCTIONING BMP'S SHALL BE REPAIRED OR REPLACED WITHIN 24 HOURS OF DISCOVERY.
2. ALL STORM SEWER INLETS SHALL HAVE INLET PROTECTION IN PLACE AS NEEDED UNTIL DISTURBED TURF IS STABILIZED.
3. ALL PERIMETER CONTROL IS TO BE REMOVED UPON ESTABLISHED TURF RESTORATION.
4. CONTRACTOR TO COORDINATE THE REMOVAL AND REPLACEMENT OF TEMPORARY ROCK CONSTRUCTION EXITS DURING CONSTRUCTION.

NOTE:
APPROXIMATELY 0.3 ACRES OF DISTURBANCE
IS ANTICIPATED. A STORMWATER POLLUTION
PREVENTION PLAN IS NOT REQUIRED.



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NOT FOR CONSTRUCTION

ALEC W. PIETZ, P.E.

LIC. NO.	59617	DATE	XX/XX/XXXX
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DRAWN AWP			
CHECKED AWP			
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CHS, INC.

RAIL & TRUCK WASH FACILITY ADDITION

SITE PLAN

SHEET

C3.01

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H:\CHS\INC. PR\26X14381\5000\CAD\C3D\143815C601.dwg 6/19/2026 8:29:18 AM Plotted by: Alec Pietz