



City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg WI 53711
Phone (608) 270-4200

LDIV-24-13

Land Division Conditions of Approval

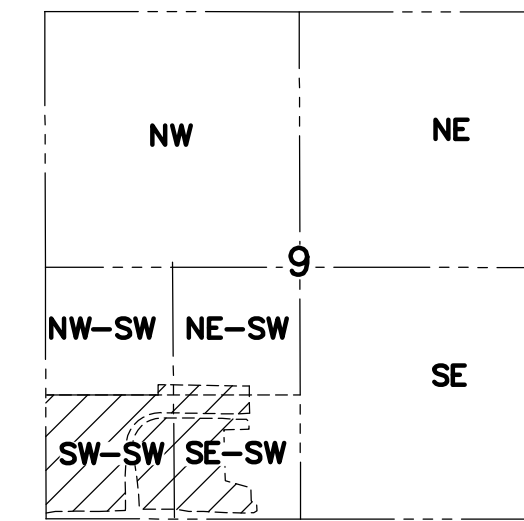
- 1. Project Name:** Jamestown Quarry PP
- 2. Location:** 43.0171, -89.4819
- 3. Permit Request No.:** PP-2551-24
- 4. Resolution No.:** R-132-24
- 5. Decision Date:** June 18, 2024
- 6. Type of Action Requested:** Preliminary Plat Approval
- 7. Zoning District:** R-D PDD-GIP
- 8. Legal Description:** Metes and bounds

Zoning Conditions

1. No other permit or approval is waived or deemed satisfied except for the approval provided herein.
2. Approval of Rezone RZ-2552-24 by Common Council.
3. Outstanding fees and special assessments must be paid prior to the city signing the final plat.
4. Park dedication and/or fees shall be paid or deferred prior to the City signing the final plat.
5. A title report shall be furnished obtain with application for Final Plat.
6. All easements shall be shown on the final plat, as required by the City.
7. A note shall be added to the final plat regarding the structure crossing the property line of Lot 1 CSM 4733 stating that upon redevelopment, new structures shall comply with setback requirements in effect at the time of the proposed development. Not shall be add prior to the city signing the final plat.
8. All areas under control of the subdivider shall be included in the proposed Lot 4, excluding Lot 1 CSM 4733, is possible.
9. The purpose of each outlot shall be added to the preliminary plat, for example, stormwater or future development.
10. Easement locations and right of way dedication shall be approved by the Director of Public Works. Additional right of way may be required pending the results of the traffic impact analysis.
11. Concurrence from utilities (gas, electric, cable, phone) shall be provided with regards to the easement locations shown on the plat. An email or letter from the utilities is sufficient.
12. Given underground installation for electric and communications, a restriction shall be recorded with the final plat stating that the final grade shall not be altered by more than six (6) inches without written consent of the utilities involved.
13. Full transportation improvements, including land dedications as necessary, as recommended by the Traffic Impact Analysis to maintain a level of service to be coordinated with and approved by City Engineering staff.
14. A multi-use path shall be provided along Fitchrona Road. This may be in an easement. Other multi-modal and transit facilities shall be coordinated with City staff and Madison Metro staff and provided in full detail in any SIP, ADR, and/or Final Plat approval. Final construction plans shall include bike parking in conformance with the City's Bike & Ped Plan as long-term bike parking within the buildings and short-term bike parking on the surface.
15. Subdivision Improvement Agreement shall be approved and executed prior to the City signing the final plat.
16. Developer shall provide a designated location for US Postal Service Centralized Mode of Delivery.
17. Erosion Control and Stormwater Management (ECSWM) permit shall be obtained prior to any land disturbance.
18. A geotechnical report for the multifamily site will be provided during the SIP and/or Final Plat process.
19. A recorded Stormwater Maintenance Agreement for private stormwater facilities shall be provided.
20. MMSD fees shall be due prior to the city signing the final plat. MMSD fees not paid prior to signing the final plat shall record a deed restriction stating the fees remain due.
21. Applicant's responsibility to satisfy all Public Works and Fire Department requirements prior to the city signing the final plat.

PRELIMINARY PLAT OF JAMESTOWN QUARRY

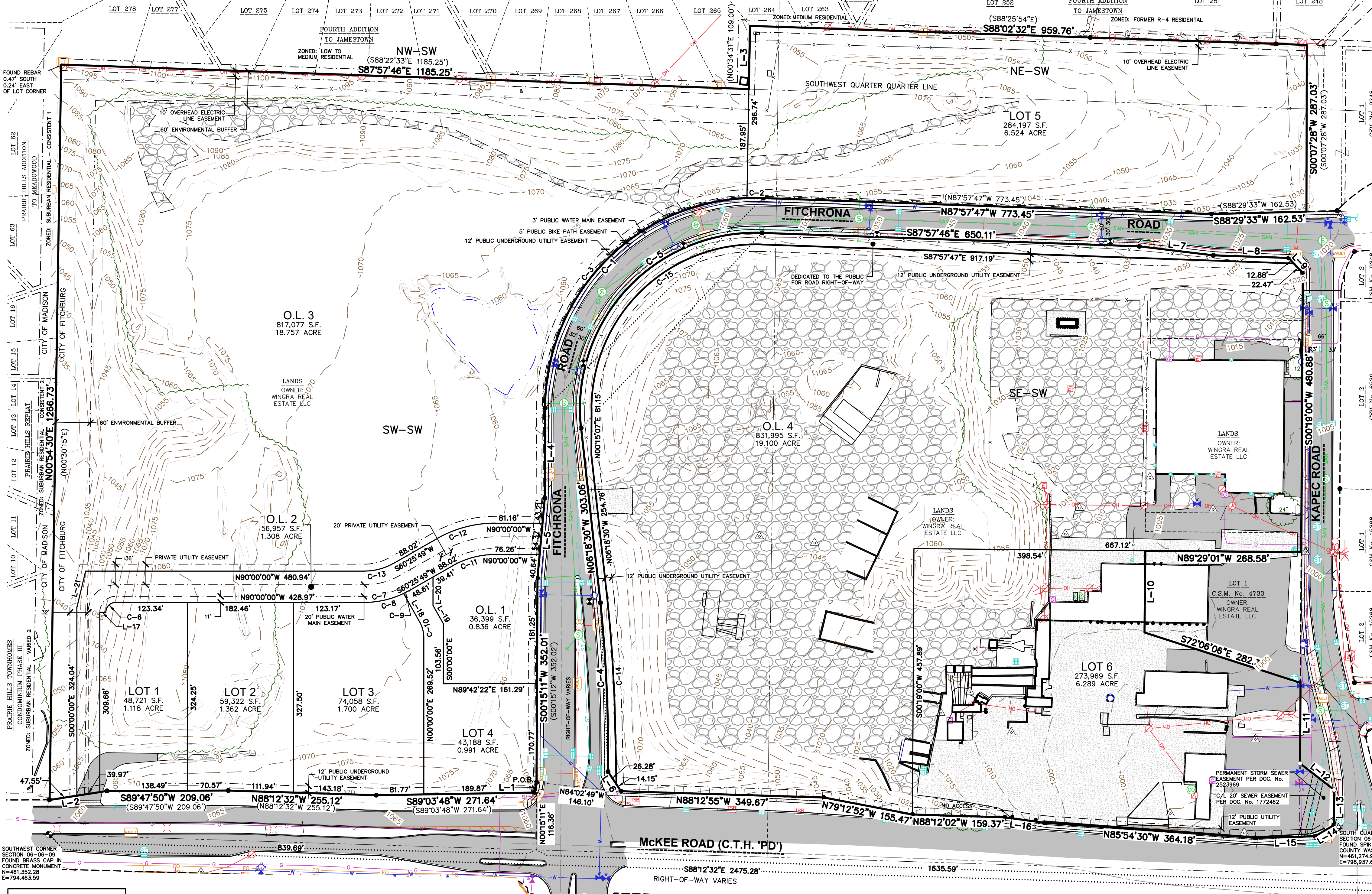
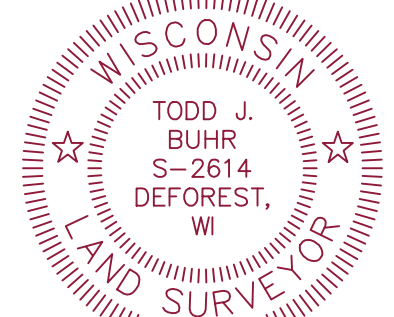
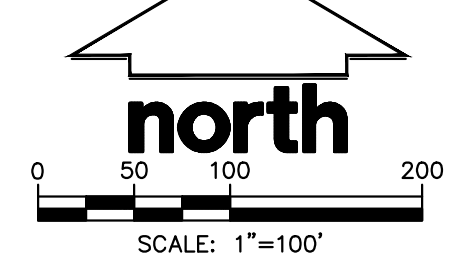
PART OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.



LOCATION MAP
NOT TO SCALE

LOT SUMMARY TABLE				
LOT	TYPE	ACREAGE	EXISTING ZONING	PROPOSED ZONING
LOT 1	COMMERCIAL	1.118	R-D	PDD-GP
LOT 2	COMMERCIAL	1.362	R-D	PDD-GP
LOT 3	COMMERCIAL	1.700	R-D	PDD-GP
LOT 4	COMMERCIAL	0.991	R-D	PDD-GP
LOT 5	MULTI FAMILY	6.524	R-D	PDD-GP
LOT 6	COMMERCIAL	6.289	R-D	R-D
OUTLOT 1	STORMWATER	0.836	R-D	PDD-GP
OUTLOT 2	PRIVATE DRIVE	1.308	R-D	PDD-GP
OUTLOT 3	FUTURE DEVELOPMENT	18.757	R-D	PDD-GP
OUTLOT 4	COMMERCIAL	19.100	R-D	R-D

- LEGEND**
- GOVERNMENT CORNER
 - 1" IRON PIPE FOUND
 - 3/4" REBAR FOUND
 - 3/4" x 24" REBAR SET (1.50 LBS/LF)
 - BENCHMARK
 - SIGN
 - SANITARY MANHOLE
 - HYDRANT
 - WATER VALVE
 - STORM MANHOLE
 - CURB INLET
 - LIGHT POLE
 - POWER POLE W/GUY
 - VAULT
 - TELEPHONE PEDESTAL
 - PARCEL BOUNDARY
 - SECTION LINE
 - RIGHT-OF-WAY LINE
 - CENTERLINE
 - CHORD LINE
 - PLATTED LOT LINE
 - EASEMENT LINE
 - LANDSCAPE LIMITS
 - FENCE LINE
 - EDGE OF WATER
 - CONCRETE CURB & GUTTER
 - EDGE OF GRAVEL
 - SANITARY SEWER
 - WATER LINE
 - STORM SEWER
 - NATURAL GAS
 - UNDERGROUND ELECTRIC
 - EDGE OF WOODS OR BRUSH
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - BITUMINOUS PAVEMENT
 - RETAINING WALL
 - CONCRETE PAVEMENT
 - GRAVEL
 - END OF FLAGGED UTILITIES
 - DENOTES RECORD DATA DEPICTING THE SAME LINE ON THE GROUND AS RETRACED BY THIS SURVEY



LINE TABLE		
LINE	BEARING	DISTANCE
L-1	S13°52'48"W	18.09'
L-2	S81°10'07"W	100.03'
L-3	N0°59'08"E	108.79'
L-4	S0°15'07"W	155.82'
L-5	S05°14'28"W	138.07'
L-6	N33°18'12"W	40.42'
L-7	S83°04'49"E	128.45'
L-8	S87°57'57"E	129.82'
L-9	S43°12'06"E	35.35'
L-10	S0°33'10"W	140.83'
L-11	S0°19'00"W	138.94'

LINE TABLE		
LINE	BEARING	DISTANCE
L-12	S52°17'46"E	74.26'
L-13	S0°17'26"W	60.56'
L-14	S59°24'24"W	37.72'
L-15	S88°22'50"W	102.87'
L-16	N82°12'26"W	68.85'
L-17	N9°00'00"W	10.50'
L-18	N29°34'11"W	55.65'
L-19	S29°34'11"E	36.00'
L-20	S0°00'00"E	49.03'
L-21	S13°27'54"W	64.53'

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD
C-1	581.50'	363.00'	91°47'03"	S46°08'43"W	521.29'
C-2	28.25'	363.00'	4°27'34"	S89°48'28"W	28.25'
C-3	553.25'	363.00'	87°19'29"	S43°54'56"W	501.24'
C-4	291.15'	2530.00'	6°35'37"	N02°35'14"W	290.99'
C-5	520.04'	303.00'	98°20'14"	N42°52'32"E	458.52'
C-6	26.70'	17.00'	90°00'00"	S45°00'00"W	24.04'
C-7	78.76'	152.60'	29°34'11"	S75°12'54"W	77.88'
C-8	69.16'	152.60'	25°58'04"	S77°00'58"W	68.57'

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD
C-9	9.99'	152.60'	3°36'08"	S62°13'52"W	9.59'
C-10	29.42'	57.00'	29°34'11"	N14°47'06"W	29.09'
C-11	76.37'	147.40'	29°41'06"	S75°16'22"W	75.52'
C-12	104.29'	201.40'	29°40'06"	S75°15'52"W	103.13'
C-13	50.89'	98.60'	29°34'11"	S75°12'54"W	50.32'
C-14	206.23'	2542.15'	4°38'53"	N03°33'41"W	206.17'
C-15	453.35'	283.00'	91°47'02"	N46°08'44"E	406.40'

NOTES

- FIELD WORK PERFORMED ON JUNE 21-24, AND JULY 06, 2022 AND SEPTEMBER 15, 2023 AND MAY 16-17 AND JUNE 5-7, 2024.
- BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 06-06-09, RECORDED AS S8812'32"E.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BENCHMARK IS A BRASS CAP IN CONCRETE MONUMENT MARKING THE SOUTHWEST CORNER OF SECTION 06, T06N, R09E, ELEVATION = 1058.3'
- CONTOUR INTERVAL IS ONE FOOT.
- SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET No. 20222426576, WITH A CLEAR DATE OF JUNE 15, 2022.
- UTILITY COMPANIES CONTACTED THRU DIGGERS HOTLINE: CITY OF FITCHBURG, AT&T DISTRIBUTION, MGE (ELECTRIC AND GAS), CHARTER COMMUNICATIONS, WISCONSIN DOT-ITS EQUIPMENT ALLIANT ENERGY (ELECTRIC AND GAS), CITY OF MADISON ENGINEERING, MCI.
- "COUNTY TRUNK HIGHWAY 'PD' IS A CONTROLLED ACCESS HIGHWAY PURSUANT TO CHAPTER 79, DANE COUNTY CODE OF ORDINANCES".
- THE FINAL GRADE OF UTILITY EASEMENTS SHALL NOT BE ALTERED BY MORE THAN SIX INCHES (6") WITHOUT WRITTEN CONSENT OF THE UTILITIES INVOLVED.
- CONTOURS ON SHEET 1 ARE SHOWN AT 5 FOOT INTERVALS, SHEETS 2 THROUGH 4 ARE SHOWN AT 5 FOOT INTERVAL.

SURVEYED FOR:

COLBURN HUNDLEY, INC.
80 OTTAWA AVENUE, NW STE 410
GRAND RAPIDS, MI 49503
(616) 742-5200

SURVEYED BY:

JSD PROFESSIONAL SERVICES, INC.
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
(608) 848-5060

PROJECT LOCATION:
SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.

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jsdinc.com

PRELIMINARY PLAT OF JAMESTOWN QUARRY

PROJECT NO: 22-11636	DRAWN BY: CMD	INITIAL SUBMITTAL DATE: 04-23-2024 (CDP SUBMITTAL)
FIELDBOOK/PG: -	SURVEYED BY: CMD	REVISION RESUBMITTAL DATE: 05-09-24 (CDP)
		REVISION RESUBMITTAL DATE: -
		REVISION RESUBMITTAL DATE: -

SHEET 1 OF 4

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PRELIMINARY PLAT OF JAMESTOWN QUARRY

PART OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE

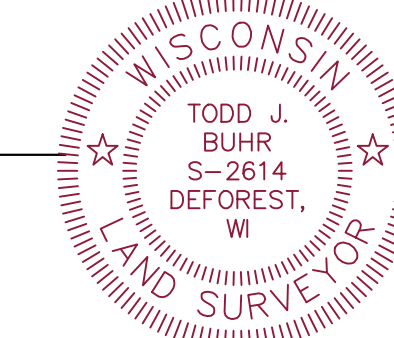
I, TODD BUHR, WISCONSIN PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF CHAPTER 236 OF THE WISCONSIN STATE STATUTES AND THE LAND DIVISION AND SUBDIVISION REGULATION OF FITCHBURG CODE OF ORDINANCES, AND BY THE DIRECTION OF COLBURN HUNDLEY, INC. I HAVE SURVEYED, DIVIDED AND MAPPED THE PLAT OF JAMESTOWN QUARRY IN THE FITCHBURG, DANE COUNTY, WISCONSIN, AND THAT SUCH PLAT IS A CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARIES OF THE LANDS SURVEYED AND THE DIVISION THEREOF, DESCRIBED AS FOLLOWS:

PART OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, IN THE CITY OF FITCHBURG, DANE COUNTY, WISCONSIN, WHICH IS BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE S88°12'32"E ALONG THE SOUTH LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 639.69 FEET TO THE SOUTHERLY EXTENSION OF THE WEST RIGHT-OF-WAY LINE OF FITCHRONA ROAD; THENCE N00°15'11"E ALONG SAID LINE, 116.36 FEET TO THE POINT OF BEGINNING OF LANDS DESCRIBED HEREINAFTER; THENCE S13°52'48"W ALONG THE NORTH LINE OF MCKEE ROAD (C.T.H. 'PD'), 18.09 FEET; THENCE S89°03'48"W ALONG SAID NORTH LINE, 271.64 FEET; THENCE N88°12'32"E ALONG SAID NORTH LINE, 255.12 FEET; THENCE S89°47'50"W ALONG SAID NORTH LINE, 209.06 FEET; THENCE S81°10'07"W ALONG SAID NORTH LINE, 100.03 FEET TO THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 06, AFORESAID; THENCE N00°54'30"E ALONG SAID WEST LINE, 1266.73 FEET TO A POINT IN THE SOUTH LINE OF FOURTH ADDITION TO JAMESTOWN; THENCE S87°57'46"E ALONG SAID SOUTH LINE, 1185.25 FEET; THENCE N89°03'48"W ALONG SAID SOUTH LINE, 108.79 FEET; THENCE S88°02'32"E ALONG SAID SOUTH LINE, 959.76 FEET; THENCE S00°07'28"W, 287.03 FEET TO A POINT ON THE NORTH LINE OF FITCHRONA ROAD; THENCE S88°29'33"W ALONG SAID NORTH LINE, 162.53 FEET; THENCE N87°57'47"W ALONG SAID NORTH LINE, 773.45 FEET TO A POINT OF CURVE; THENCE SOUTHWESTERLY, 581.30 FEET ALONG SAID NORTH LINE AND ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 363.00 FEET, THE CHORD BEARS S46°08'43"W, 521.29 FEET; THENCE S00°15'07"W ALONG SAID NORTH LINE, 155.82 FEET; THENCE S05°14'28"W ALONG SAID NORTH LINE, 138.07 FEET; THENCE S00°15'11"W ALONG SAID NORTH LINE, 352.02 FEET; THENCE S84°02'49"E, 146.10 FEET TO THE NORTH LINE OF MCKEE ROAD (C.T.H. 'PD'); THENCE N33°18'12"W ALONG SAID LINE, 40.42 FEET TO THE CURVING EASTERLY RIGHT-OF-WAY LINE OF FITCHRONA ROAD; THENCE NORTHWESTERLY ALONG SAID LINE 291.15 FEET ALONG AN ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 2530.00 FEET, THE CHORD BEARS N02°35'14"W, 290.99 FEET; THENCE N06°18'30"W ALONG SAID LINE, 303.06 FEET TO A POINT OF CURVE; THENCE NORTHEASTERLY 520.04 FEET ALONG SAID LINE AND ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 303.00 FEET, THE CHORD BEARS N42°52'32"E, 458.52 FEET; THENCE S87°57'46"E ALONG SAID LINE, 650.11 FEET; THENCE S83°04'49"E ALONG SAID LINE, 128.45 FEET; THENCE S87°57'57"E ALONG SAID LINE, 129.82 FEET TO THE WEST RIGHT-OF-WAY LINE OF KAPEC ROAD; THENCE S43°12'06"E ALONG SAID LINE, 35.35 FEET; THENCE S00°19'00"W ALONG SAID LINE, 480.88 FEET TO THE NORTHEAST CORNER OF LOT 1, CSM No. 4733; THENCE N89°29'01"W ALONG THE NORTH LINE OF SAID LOT 1, 268.58 FEET TO THE NORTHWEST CORNER OF SAID LOT; THENCE S00°33'10"W ALONG THE WEST LINE OF SAID LOT, 140.83 FEET TO THE SOUTHWEST CORNER OF SAID LOT; THENCE S72°06'06"E ALONG THE SOUTH LINE OF SAID LOT, 282.35 FEET TO THE WEST RIGHT-OF-WAY LINE OF KAPEC ROAD; THENCE S00°19'00"W ALONG SAID LINE, 138.94 FEET; THENCE S52°17'48"E ALONG SAID LINE, 74.28 FEET; THENCE S00°17'28"W ALONG SAID LINE, 60.56 FEET; THENCE S59°24'24"W ALONG SAID LINE, 37.72 FEET TO THE NORTH RIGHT-OF-WAY LINE OF MCKEE ROAD (C.T.H. 'PD'); THENCE S88°22'50"W ALONG SAID LINE, 102.87 FEET; THENCE N85°54'30"W ALONG SAID LINE, 364.18 FEET; THENCE N82°12'26"W ALONG SAID LINE, 68.85 FEET; THENCE N88°12'02"W ALONG SAID LINE, 159.37 FEET; THENCE N79°12'52"W ALONG SAID LINE, 155.47 FEET; THENCE N88°12'55"W ALONG SAID LINE, 349.67 FEET; THENCE N84°02'49"W, 146.10 FEET TO THE POINT OF BEGINNING.

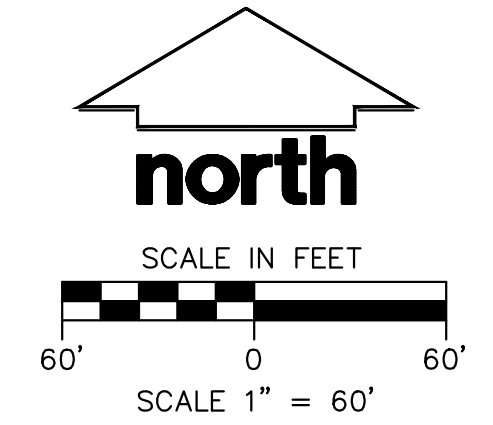
SAID DESCRIBED PARCEL OF LAND CONTAINS 2,452,816 SQUARE FEET OR 56.308 ACRES.

TODD J. BUHR, S-2614 DATE
PROFESSIONAL LAND SURVEYOR



BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	1036.54	BURY BOLT ON HYDRANT EAST OF INLET 22
BM-2	1052.66	BURY BOLT ON HYDRANT WEST OF INLET 20
BM-3	1063.46	BURY BOLT ON HYDRANT NORTHEAST OF INLET 17
BM-4	1062.07	BURY BOLT ON HYDRANT NORTH OF INLET 13
BM-5	1059.28	BURY BOLT ON HYDRANT SOUTH OF INLET 10

*JSD DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.



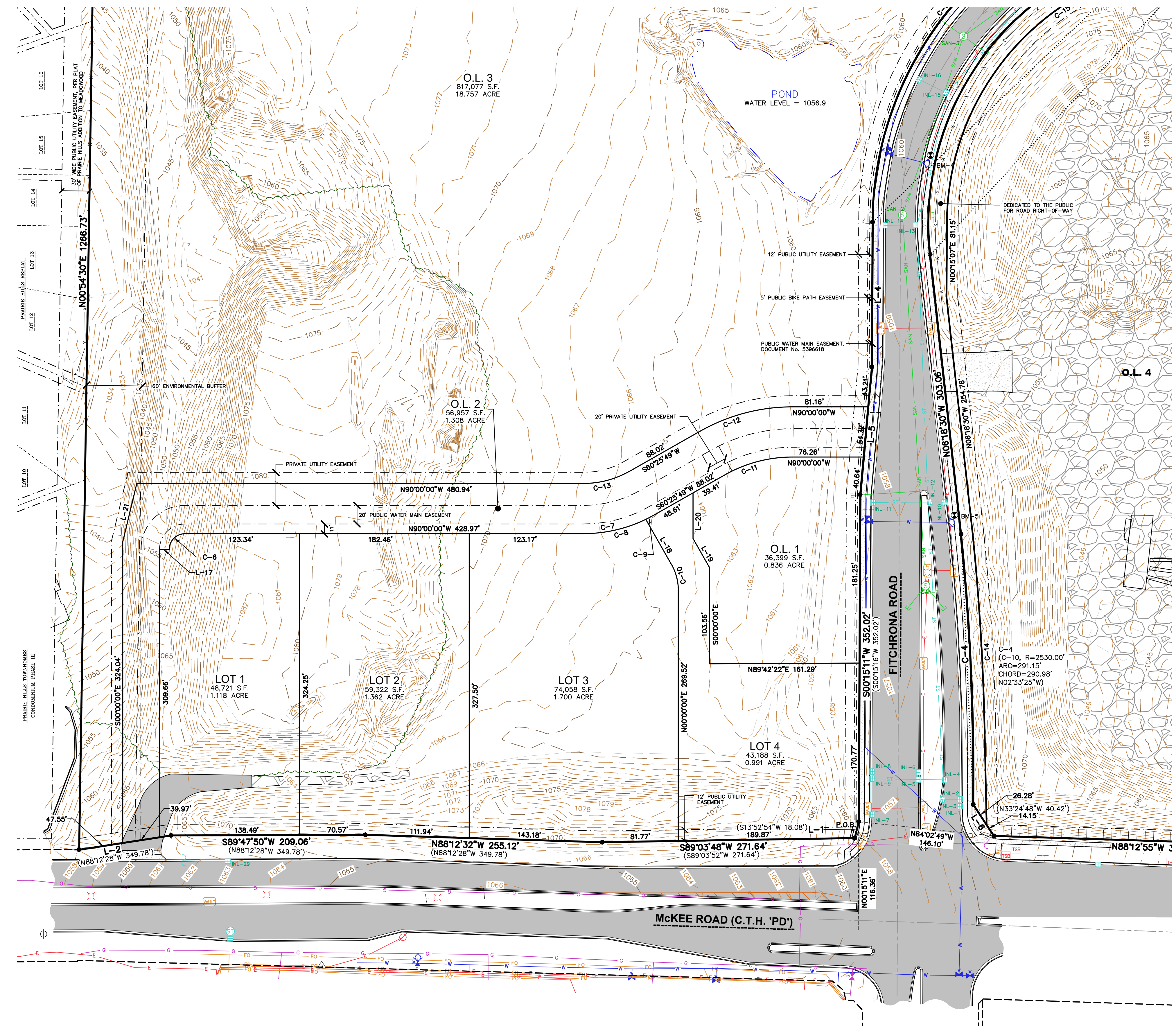
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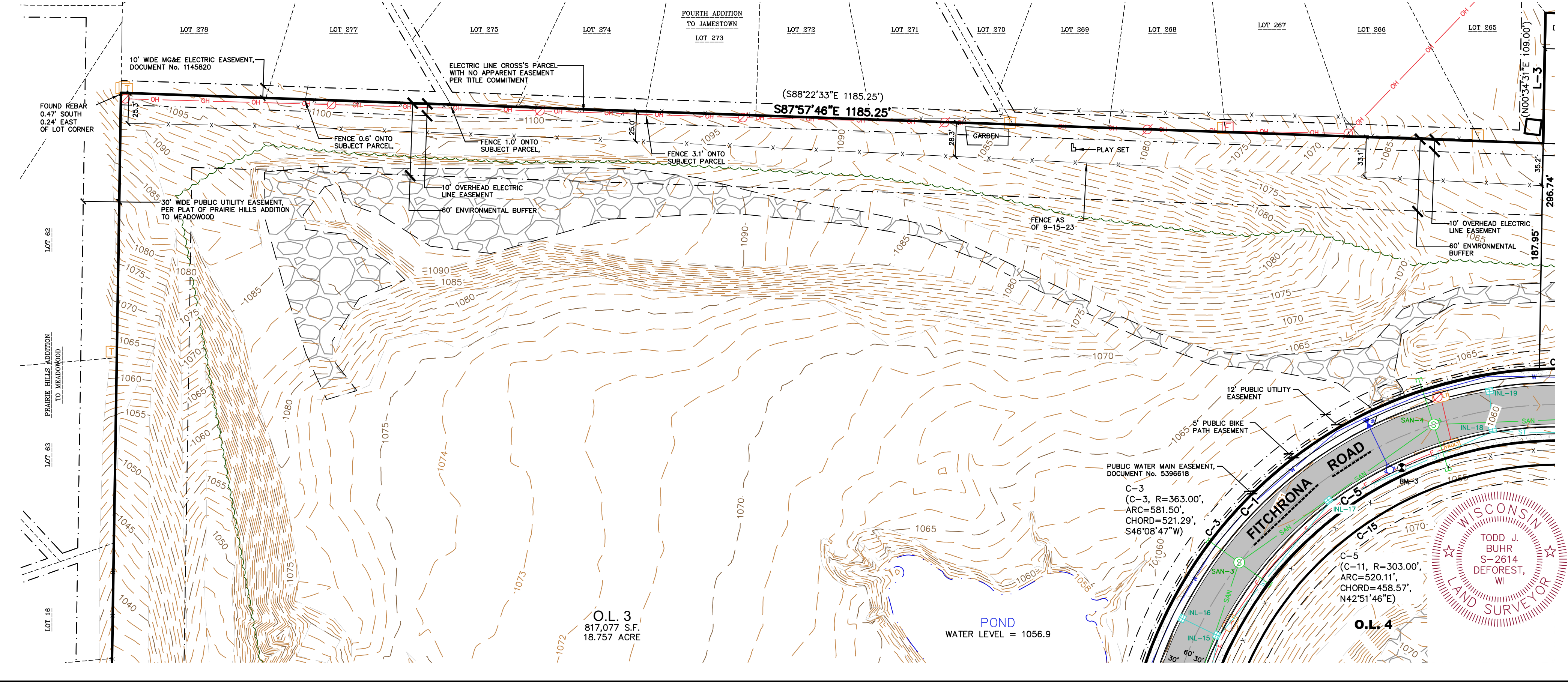
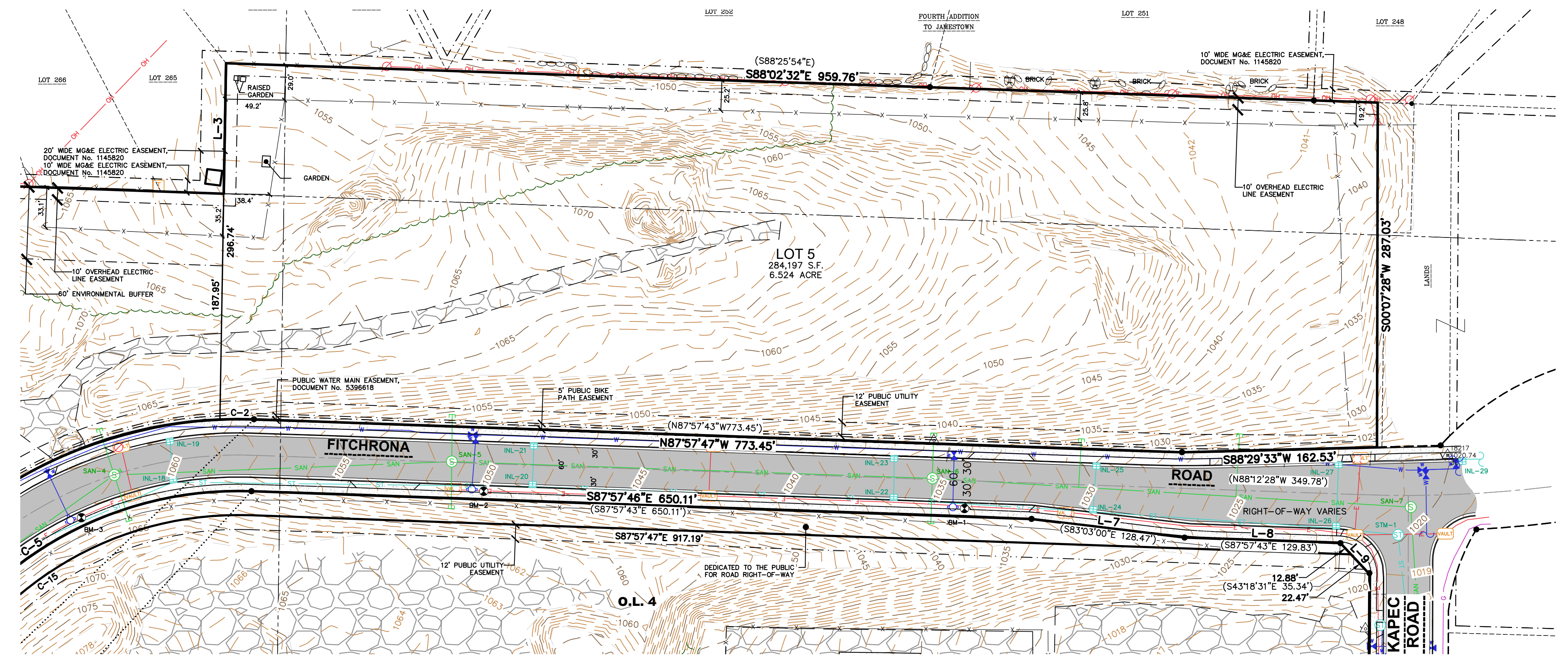
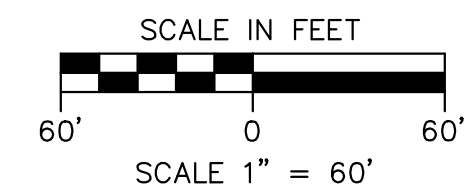
SHEET 2 OF 4



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PRELIMINARY PLAT OF JAMESTOWN QUARRY

PART OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.



STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL-1	1055.06	N	1051.36	12"	RCP
INL-2	1055.00	S	1050.90	12"	RCP
		W	1051.02	12"	RCP
INL-3	1055.19	E	1050.84	12"	RCP
		N	1050.79	24"	RCP
INL-4	1055.29	S	1050.39	24"	RCP
		W	1050.40	18"	RCP
		N	1050.24	24"	RCP
INL-5	1056.88	N	1051.98	12"	RCP
INL-6	1056.24	S	1051.29	12"	RCP
INL-7	1056.28	N	1051.29	12"	RCP
		S	1051.31	12"	RCP
		E	1051.22	18"	RCP
INL-8	1056.26	S	1050.86	12"	RCP
INL-9	1056.19	W	1050.62	18"	RCP
		N	1050.81	12"	RCP
		E	1050.58	24"	RCP
INL-10	1057.08	W	1052.23	12"	RCP
INL-11	1057.58	E	1053.45	12"	RCP
INL-12	1057.46	S	1049.46	24"	RCP
		E	1052.56	12"	RCP
		W	1052.71	12"	RCP
		N	1049.41	24"	RCP
INL-13	1059.23	S	1048.52	24"	RCP
		W	1055.03	12"	RCP
		NE	1048.49	24"	RCP
INL-14	1059.26	W	1055.56	12"	RCP
INL-15	1060.01	SW	1048.07	24"	RCP
		NW	1055.85	12"	RCP
		NE	1048.02	24"	RCP
INL-16	1060.04	SE	1056.31	12"	RCP
INL-17	1060.91	SW	1047.71	24"	RCP
		NE	1047.70	24"	RCP
INL-18	1059.73	SW	1047.16	24"	RCP
		N	1055.25	12"	RCP
INL-19	1059.60	S	1055.73	12"	RCP
INL-20	1048.26	W	1041.84	24"	RCP
		N	1043.51	12"	RCP
		E	1041.81	24"	RCP
INL-21	1048.24	S	1044.48	12"	RCP
INL-22	1036.18	W	1030.53	24"	RCP
		N	1031.74	12"	RCP
		E	1030.50	24"	RCP
INL-23	1036.20	S	1032.65	12"	RCP
INL-24	1029.46	W	1024.01	24"	RCP
		N	1024.96	12"	RCP
		E	1023.96	24"	RCP
INL-25	1029.40	S	1025.63	12"	RCP
INL-26	1021.81	W	1016.46	24"	RCP
		N	1017.39	12"	RCP
		E	1016.43	24"	RCP
INL-27	1022.17	S	1018.10	12"	RCP
INL-28	1019.61	E	1015.06	12"	RCP
INL-29	1062.56	W	1059.06	12"	RCP

STORM SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
STM-1	1020.23	W	1013.95	24"	RCP
		S	1013.93	27"	RCP

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	1057.71	SE	1041.71	8"	PVC
		SW	1041.66	8"	PVC
		N	1041.68	8"	PVC
SAN-2	1059.63	S	1039.74	8"	PVC
		E	1039.87	8"	PVC
		W	1039.80	8"	PVC
		NE	1039.70	8"	PVC
SAN-3	1060.80	SW	1038.86	8"	PVC
		E	1038.93	8"	PVC
		W	1039.00	8"	PVC
		NE	1038.84	8"	PVC
SAN-4	1061.01	SW	1038.03	8"	PVC
		SE	1038.05	8"	PVC
		NW	1038.03	8"	PVC
		E	1037.89	8"	PVC
SAN-5	1051.37	W	1036.67	8"	PVC
		S	1036.78	8"	PVC
		N	1036.87	8"	PVC
		E	1036.67	10"	PVC
SAN-6	1035.34	W	1023.29	10"	PVC
		S	1023.32	10"	PVC
		N	1023.39	10"	PVC
		E	1023.25	10"	PVC
SAN-7	1020.58	W	1010.71	10"	PVC
		N	1010.57	8"	PVC
		S	1010.57	10"	PVC

PROJECT LOCATION:
SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.

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PRELIMINARY PLAT OF JAMESTOWN QUARRY

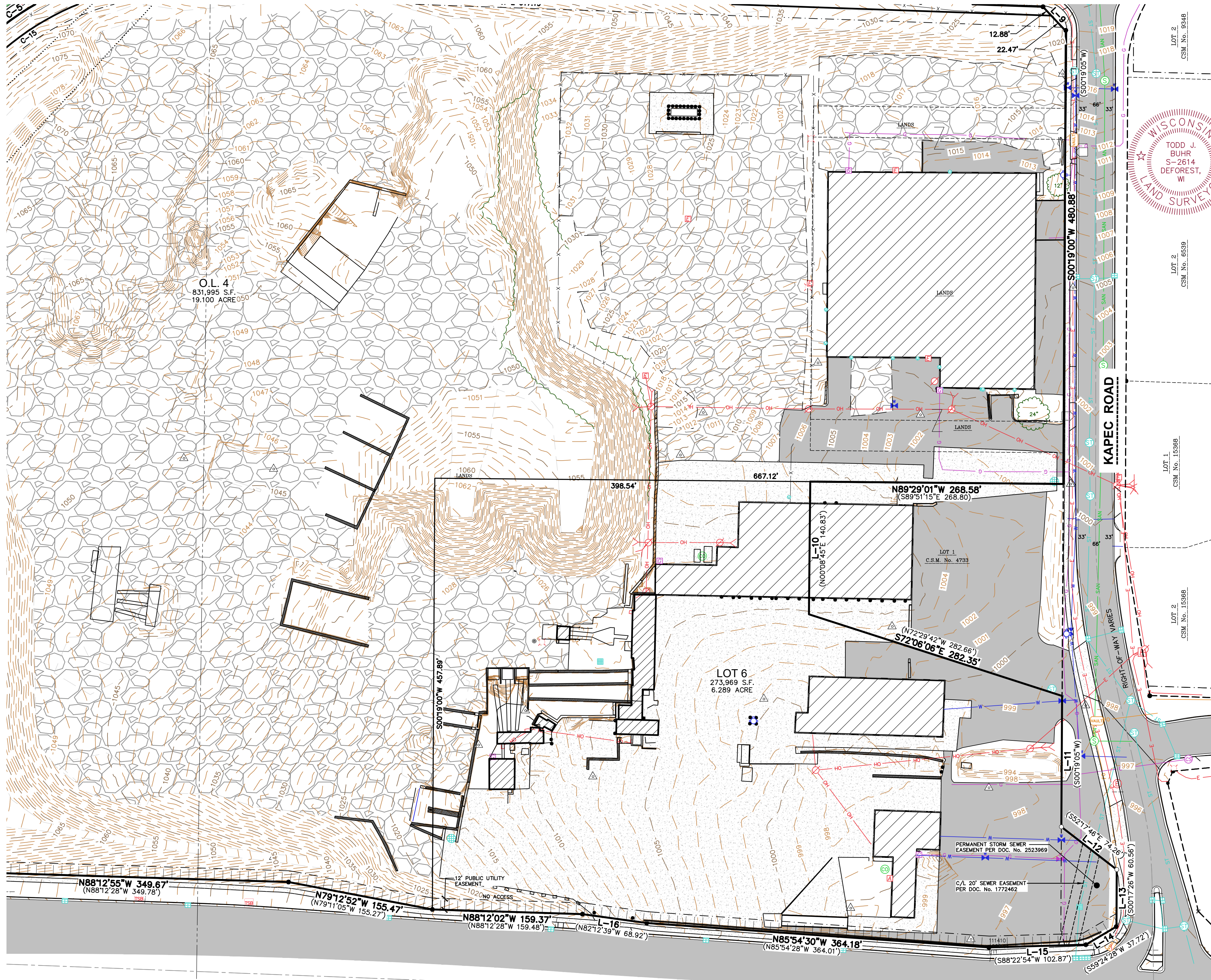
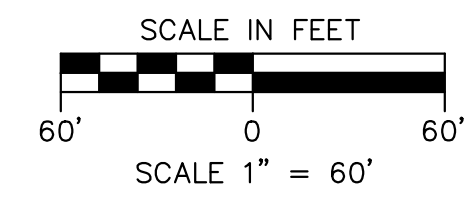
PROJECT NO: 22-11636 DRAWN BY: CMD INITIAL SUBMITTAL DATE: 04-23-2024 (CDP SUBMITTAL)
FIELDBOOK/PG: SURVEYED BY: CMD REVISION RESUBMITTAL DATE: 05-09-24 (CDP)
REVISION RESUBMITTAL DATE: REVISION RESUBMITTAL DATE:

SHEET 3 OF 4

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PRELIMINARY PLAT OF JAMESTOWN QUARRY

PART OF THE SOUTHWEST QUARTER OF SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.



STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL-1	1055.06	N	1051.36	12"	RCP
INL-2	1055.00	S	1050.90	12"	RCP
		W	1051.02	12"	RCP
INL-3	1055.19	E	1050.84	12"	RCP
		N	1050.79	24"	RCP
INL-4	1055.29	S	1050.39	24"	RCP
		W	1050.40	18"	RCP
		N	1050.24	24"	RCP
INL-5	1056.88	N	1051.98	12"	RCP
INL-6	1056.24	S	1051.29	12"	RCP
INL-7	1056.28	N	1051.29	12"	RCP
		S	1051.31	12"	RCP
		E	1051.22	18"	RCP
INL-8	1056.26	S	1050.86	12"	RCP
INL-9	1056.19	W	1050.62	18"	RCP
		N	1050.81	12"	RCP
		E	1050.58	24"	RCP
INL-10	1057.08	W	1052.23	12"	RCP
INL-11	1057.58	E	1053.45	12"	RCP
INL-12	1057.46	S	1049.46	24"	RCP
		E	1052.56	12"	RCP
		W	1052.71	12"	RCP
		N	1049.41	24"	RCP
INL-13	1059.23	S	1048.52	24"	RCP
		W	1055.03	12"	RCP
		NE	1048.49	24"	RCP
INL-14	1059.26	W	1055.56	12"	RCP
INL-15	1060.01	SW	1048.07	24"	RCP
		NW	1055.85	12"	RCP
		NE	1048.02	24"	RCP
INL-16	1060.04	SE	1056.31	12"	RCP
INL-17	1060.91	SW	1047.71	24"	RCP
		NE	1047.70	24"	RCP
INL-18	1059.73	SW	1047.16	24"	RCP
		N	1055.25	12"	RCP
INL-19	1059.60	E	1047.14	24"	RCP
INL-20	1048.26	S	1055.73	12"	RCP
		W	1041.84	24"	RCP
		N	1043.51	12"	RCP
		E	1041.81	24"	RCP
INL-21	1048.24	S	1044.48	12"	RCP
INL-22	1036.18	W	1030.53	24"	RCP
		N	1031.74	12"	RCP
		E	1030.50	24"	RCP
INL-23	1036.20	S	1032.65	12"	RCP
INL-24	1029.46	W	1024.01	24"	RCP
		N	1024.96	12"	RCP
		E	1023.96	24"	RCP
INL-25	1029.40	S	1025.63	12"	RCP
INL-26	1021.81	W	1016.46	24"	RCP
		N	1017.39	12"	RCP
		E	1016.43	24"	RCP
INL-27	1022.17	S	1018.10	12"	RCP
INL-28	1019.61	E	1015.06	12"	RCP
INL-29	1062.56	W	1059.06	12"	RCP

STORM SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
STM-1	1020.23	W	1013.95	24"	RCP
		S	1013.93	27"	RCP

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	1057.71	SE	1041.71	8"	PVC
		SW	1041.66	8"	PVC
		N	1041.68	8"	PVC
SAN-2	1059.63	S	1039.74	8"	PVC
		E	1039.87	8"	PVC
		W	1039.80	8"	PVC
		NE	1039.70	8"	PVC
SAN-3	1060.80	SW	1038.86	8"	PVC
		E	1038.93	8"	PVC
		W	1039.00	8"	PVC
		NE	1038.84	8"	PVC
SAN-4	1061.01	SW	1038.03	8"	PVC
		SE	1038.05	8"	PVC
		NW	1038.03	8"	PVC
		E	1037.89	8"	PVC
SAN-5	1051.37	W	1036.67	8"	PVC
		S	1036.78	8"	PVC
		N	1036.87	8"	PVC
		E	1036.67	10"	PVC
SAN-6	1035.34	W	1023.29	10"	PVC
		S	1023.32	10"	PVC
		N	1023.39	10"	PVC
		E	1023.25	10"	PVC
SAN-7	1020.58	W	1010.71	10"	PVC
		N	1010.57	8"	PVC
		S	1010.57	10"	PVC

PROJECT LOCATION:
SECTION 06, TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.

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PRELIMINARY PLAT OF JAMESTOWN QUARRY

PROJECT NO: 22-11836	DRAWN BY: CMD	INITIAL SUBMITTAL DATE: 04-23-2024 (CDP SUBMITTAL)
FIELDBOOK/PG: -	SURVEYED BY: CMD	REVISION RESUBMITTAL DATE: 05-09-24 (CDP)
		REVISION RESUBMITTAL DATE: -

SHEET 4 OF 4

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McKEE ROAD (C.T.H. 'PD')
RIGHT-OF-WAY VARIES

JAMESTOWN QUARRY

CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

SE 1/4, SW 1/4, SECTION 06, TOWNSHIP 6 NORTH, RANGE 9 EAST

DRAWING INDEX

C0.0	TITLE SHEET
1 OF 2	ALTA/NSPS LAND TITLE SURVEY
2 OF 2	ALTA/NSPS LAND TITLE SURVEY
C1.0	NOTES
C1.1	NOTES AND LEGEND
C2.0	DEMOLITION PLAN
C3.0	SITE PLAN
C4.0	GRADING AND EROSION CONTROL PLAN
C5.0	UTILITY PLAN
C6.0	STREET PLAN AND PROFILE
C6.1	STREET PLAN AND PROFILE
C7.0	DETAILS - TYPICAL SECTIONS
C7.1	DETAILS
C7.2	DETAILS
C7.3	DETAILS



PROJECT AREA
NOT TO SCALE



CREATE THE VISION TELL THE STORY

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MADISON REGIONAL OFFICE
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
**FITCHBURG PARTNERS,
LLC.**

CLIENT ADDRESS:
80 OTTAWA AVE. NW, SUITE 410
GRAND RAPIDS, MI 49503

PROJECT:
JAMESTOWN QUARRY

PROJECT LOCATION:
2975 KAPEC ROAD
DANE COUNTY
FITCHBURG, WI 53719

PLAN MODIFICATIONS:

#	Date:	Description:
1	05.21.24	PRELIMINARY PLAT
2		
3		
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Designed By: _____ MSS
Reviewed By: _____
Approved By: _____ CD

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
C0.0

JSD PROJECT NO: 22-11636

GENERAL NOTES

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, JURISDICTIONAL SPECIFICATIONS, AND APPROVED BY THE JURISDICTION HAVING AUTHORITY.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
- CONTRACTOR SHALL RESTORE ALL BUILDINGS, PAVEMENT, PIPES, SLOPES, AND STRUCTURES DAMAGED BY THE CONTRACTOR TO PRE-EXISTING OR BETTER CONDITIONS.
- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE JURISDICTIONAL AUTHORITY AND IS SUBJECT TO CHANGE AT ANY TIME.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
- ANY REFERENCES TO THE TERMS OR ENTITY ABBREVIATIONS IN THE FOLLOWING NOTES AND SPECIFICATIONS SHALL BE UNDERSTOOD AS FOLLOWS:
 - "JURISDICTION" - THE LOCAL GOVERNMENTAL AGENCY (I.E., CITY, VILLAGE, TOWN, COUNTY, STATE, OR UTILITY SERVICE PROVIDER) HAVING AUTHORITY
 - "STATE HIGHWAY SPECIFICATIONS" - STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION AND SUPPLEMENTS
 - "STANDARD SPECIFICATIONS" - STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, CURRENT EDITION AND SUPPLEMENTS
 - WISCONSIN DEPARTMENT OF TRANSPORTATION - "WISDOT"
 - WISCONSIN DEPARTMENT OF NATURAL RESOURCES - "WDNR"
 - DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES - "DPS" OR "SPS"

DEMOLITION NOTES

- THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE, "DIGGERS HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVEGROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE, AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS, IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD. JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
- CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION-RELATED DIRT, DUST, AND DEBRIS.
- ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. STUMPS MAY BE GROUND TO PROPOSED SUBGRADE IN GRASSED AREAS ONLY UNLESS DIRECTED BY ENGINEER.
- ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. SALVAGE FOR RELOCATION. COORDINATE RELOCATION AND/OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
- ABANDONED/REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTIES THAT WERE DAMAGED BY THE CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO:
 - EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - VERIFY UTILITY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
 - NOTIFY ALL UTILITIES OWNERS PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
 - NOTIFY THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- ANY UTILITIES THAT ARE DAMAGED BY THE CONTRACTORS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL/ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED JURISDICTION'S RECYCLING PLAN.
- ANY CONTAMINATED SOILS ENCOUNTERED SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS TO AN APPROPRIATE AND APPROVED LANDFILL.
- ALL EXISTING UTILITIES SHALL BE FIELD LOCATED AND CLEARLY MARKED BY CONTRACTOR PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING UTILITY LINE LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING UTILITY LINE OPENINGS (ULO) TO CONFIRM LOCATIONS OR ELEVATIONS, AS REQUESTED BY THE ENGINEER.

- SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS.
- WATER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 4.14.0 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS.
- ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENTS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST, AND DEBRIS.
- BUILDING REMOVALS SHALL BE PERFORMED BY A QUALIFIED CONTRACTOR. CONTRACTOR SHALL FOLLOW ALL DEMOLITION REGULATIONS, DISCONNECT ALL UTILITIES, OBTAIN ALL APPLICABLE PERMITS, AND DISPOSE OF ALL BUILDING MATERIALS IN APPROPRIATE AND APPROVED LANDFILLS. DEMOLISHED MATERIALS SHALL NOT BE BURNED OR BURIED ONSITE.
- CONTRACTOR SHALL REMOVE EXISTING UTILITY PIPE OR PROVIDE PIPE BACKFILLING AFTER REMOVAL OF EXISTING UTILITIES WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE/FLOWABLE FILL".
- RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHALL BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION, AND REMOVAL. THIS INCLUDES CURB AND GUTTER, SIDEWALK, TOPSOIL, SEEDING, AND MULCHING.

CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, WATTLES, INLET PROTECTION, AND CONSTRUCTION ENTRANCE.
- STRIP AND STOCKPILE TOPSOIL AND INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
- ROUGH GRADE RETENTION POND AND INSTALL POND OUTLET.
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES.
- INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, WALKS, ETC.
- PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS INDICATED ON PLANS.
- RESTORE RETENTION POND (FINAL GRADE RETENTION POND PER PLAN REQUIREMENTS).
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% CONTIGUOUS VEGETATIVE COVER IS ESTABLISHED.

CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

PAVING NOTES

- GENERAL:
 - PAVING SHALL CONFORM TO STATE HIGHWAY SPECIFICATIONS, APPLICABLE JURISDICTIONAL SPECIFICATIONS, AND THE GEOTECHNICAL REPORT PREPARED BY [FIRM NAME], TITLED [REPORT TITLE], ISSUE DATE [DATE]. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT.
 - ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
 - ALL SLOPES ARE TO EDGE OF PAVEMENT UNLESS SPECIFIED OTHERWISE.
 - SURFACE PREPARATION - NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING.
 - ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER, PAVEMENT, OR SIDEWALK SHALL MATCH EXISTING AND MEET JURISDICTIONAL REQUIREMENTS.
 - CRUSHED AGGREGATE BASE COURSE SPECIFICATIONS:
 - THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305 OF THE STATE HIGHWAY SPECIFICATIONS.
 - RECLAIMED OR RECYCLED ASPHALT MAY NOT BE USED AS CRUSHED AGGREGATE BASE COURSE UNLESS SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD. USE OF ANY OTHER REPROCESSED OR BLENDED MATERIAL MUST FIRST BE APPROVED BY ENGINEER OF RECORD.
 - DO NOT PLACE BASE ON FROZEN FOUNDATIONS UNLESS THE ENGINEER APPROVES OTHERWISE.
 - DO NOT PLACE BASE ON FOUNDATIONS THAT ARE SOFT, SPONGY, OR COVERED BY ICE OR SNOW.
 - HOT MIXED ASPHALT (HMA) PAVING SPECIFICATIONS:
 - THE PLACING, CONSTRUCTION, AND COMPOSITION OF THE BASE COURSE AND HMA SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 450, 455, 460, AND 465 OF THE STATE HIGHWAY SPECIFICATIONS.
 - WEATHER LIMITATIONS:
 - DO NOT PLACE HMA WHEN BASE IS WET OR CONTAINS EXCESS MOISTURE.
 - DO NOT PLACE ASPHALTIC MIXTURE WHEN THE AIR TEMPERATURE IS APPROXIMATELY 3' ABOVE GRADE, IN SHADE, AND AWAY FROM ARTIFICIAL HEAT SOURCES IS LESS THAN 40°F UNLESS A VALID ENGINEER ACCEPTED COLD WEATHER PAVING PLAN IS IN EFFECT.
 - PLACE ASPHALTIC MIXTURE ONLY ON A PREPARED, FIRM, AND COMPACTED BASE, FOUNDATION LAYER, OR EXISTING PAVEMENT SUBSTANTIALLY SURFACE-DRY AND FREE OF LOOSE AND FOREIGN MATERIAL. DO NOT PLACE OVER FROZEN SUBGRADE OR BASE, OR WHERE THE ROADBED IS UNSTABLE.
 - APPLY TACK COAT ONLY WHEN THE AIR TEMPERATURE IS 32°F OR MORE UNLESS THE ENGINEER APPROVES OTHERWISE IN WRITING.
 - ALL ASPHALT (BOTH UPPER AND LOWER LAYERS) SHALL BE DELIVERED TO THE PROJECT SITE AT A TEMPERATURE NOT LOWER THAN 250°F.
 - CONTRACTOR SHALL ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.
 - BINDER COURSE AGGREGATE:
 - THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTION 460 OF THE STATE HIGHWAY SPECIFICATIONS.
 - SURFACE COURSE AGGREGATE:
 - THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460 AND 465 OF THE STATE HIGHWAY SPECIFICATIONS.
 - ASPHALTIC MATERIALS:
 - THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTIONS 455, 460, AND 465 OF THE STATE HIGHWAY SPECIFICATIONS.
- CONCRETE PAVING SPECIFICATIONS:
 - CONCRETE PAVING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 405, 415, AND 416 OF THE STATE HIGHWAY SPECIFICATIONS.
 - CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS.
 - CONTRACTOR SHALL PROVIDE A JOINTING PLAN TO ENGINEER IF NOT INCLUDED IN THE PLANS. CONTRACTOR SHALL PROVIDE CONTRACT JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 15' ON CENTER.
 - CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 100' APART.
 - PLACE EXPANSION JOINTS IN CURB, GUTTER, OR CURB AND GUTTER CONSTRUCTED NEXT TO ASPHALTIC PAVEMENT OR SURFACING. LOCATE JOINTS EVERYWHERE THAT TANGENT AND RADIAL CURB OR CURB AND GUTTER MEET. ON EACH SIDE OF EVERY INLET 3' FROM THE INLET, BUT NO CLOSER THAN 6" FROM ANOTHER JOINT; AND ON TANGENT SECTIONS PLACE BETWEEN 6' AND 300'.
 - IF CONSTRUCTING CURB, GUTTER, OR CURB AND GUTTER NEXT TO, OR ON, CONCRETE PAVEMENT CONSTRUCTED WITH EXPANSION JOINTS, THEN PLACE EXPANSION JOINTS TO MATCH THE EXPANSION JOINT LOCATIONS IN THE PAVEMENTS.
 - FOR CURB AND GUTTER, FORM CONNECTION JOINTS BY SAWING OR FORMING AN INDUCED PLANE OF WEAKNESS AT LEAST 2" DEEP IN THE CURB, GUTTER, OR CURB AND GUTTER DIRECTLY OPPOSITE CONSTRUCTION OR CONNECTION JOINTS IN ADJOINING CONCRETE PAVEMENT AND AT THE REQUIRED SPACING IN CURB AND GUTTER ADJOINING ASPHALTIC PAVEMENT. SPACE JOINTS BETWEEN 6' AND APPROXIMATELY 20' APART, AS THE ENGINEER DIRECTS.
 - EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.
 - CONTRACTOR SHALL INSTALL TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS AS SPECIFIED ON PLANS AND IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS.
- PAVEMENT MARKING SPECIFICATIONS:
 - ALL PARKING STALL LINES SHALL BE 4" WIDE, HIGH VISIBILITY YELLOW LATEX PAINT.
 - ALL PAVEMENT MARKINGS INCLUDING STOP BARS, CROSSWALKS, DIRECTIONAL ARROWS, PARKING STALL LINES, ADA AND/OR PEDESTRIAN CROSSING MARKINGS, AND DROP-OFF/PICK-UP ZONES SHALL BE PAINTED WITH LATEX PAINT PER SPECIFICATIONS.

SEEDING AND RESTORATION NOTES

- CONTRACTOR SHALL PROVIDE NOTICE TO THE JURISDICTIONAL AUTHORITIES IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES.
- CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7-DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
- ALL SLOPES 20% OR GREATER SHALL BE TEMPORARILY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE. REFER TO STABILIZATION PRACTICES IN THE EROSION CONTROL NOTES FOR FURTHER SPECIFICATIONS.
- CONTRACTOR SHALL CHISEL-PLOW OR DEEP TILL WITH DOUBLE TINES ALL STORMWATER MANAGEMENT FACILITIES JUST PRIOR TO SODDING AND/OR SEEDING AND MULCHING TO PROMOTE INFILTRATION.
- SEEDING SPECIFICATIONS:
 - TURF LAWN SEED MIXTURE: WISDOT SEED MIX NO. 40 AT RATES SPECIFIED IN SECTION 630 OF THE STATE HIGHWAY SPECIFICATIONS
 - LOW MAINTENANCE AREA SEED MIXTURE: WISDOT SEED MIX NO. 10 OR 20 APPLIED AT RATES AS SPECIFIED IN SECTION 630 OF THE STATE HIGHWAY SPECIFICATIONS.
 - NO-MOW AREA SEED MIXTURE: NO-MOW LAWN SEED MIX, AS PROVIDED BY PRAIRIE NURSERY, P.O. BOX 306, WESTFIELD, WISCONSIN, 53964, TEL. 608-296-3679 (OR APPROVED EQUIVALENT). SEEDING RATE SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- SEED PREPARATION SPECIFICATIONS:
 - SCARIFY SUBSOILS TO A DEPTH OF 3" WHERE TOPSOIL SHALL BE PLACED TO REDUCE COMPACTION.
 - PLACE TOPSOIL AT A MINIMUM DEPTH OF 6" UNLESS OTHERWISE NOTED ON THE PLANS.
 - APPLY FERTILIZER IN ACCORDANCE WITH SEED MIX MANUFACTURER'S RECOMMENDATIONS.
 - SOW SEED AT RATES SPECIFIED USING METHOD "A" OR METHOD "B" AS SPECIFIED IN SECTION 630 OF THE STATE HIGHWAY SPECIFICATIONS.
- SEED MULCHING/EROSION MATTING SPECIFICATIONS:
 - ALL SEEDED AREAS WITH SLOPES FLATTER THAN 4:1, UNLESS OTHERWISE NOTED ON THE PLANS, SHALL BE STABILIZED WITH WEED-FREE WHEAT STRAW MULCH WITH METHODS AND RATES IN ACCORDANCE WITH SECTION 627 OF THE STATE HIGHWAY SPECIFICATIONS.
 - ALL SEEDED AREAS WITH SLOPES EQUAL TO OR STEEPER THAN 4:1, UNLESS OTHERWISE NOTED ON THE PLANS, SHALL BE STABILIZED WITH EROSION MATTING MATERIALS AS SPECIFIED ON THE PLANS. EROSION MATTING SHALL BE IN ACCORDANCE WITH SECTION 628 OF THE STATE HIGHWAY SPECIFICATIONS.

UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGERS HOTLINE" PRIOR TO ANY CONSTRUCTION.
 - PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
 - VERIFYING ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER, AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
 - NOTIFYING THE DESIGN ENGINEER AND JURISDICTIONAL AUTHORITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
 - COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
 - ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES AND STATE DSPS/SPS AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE JURISDICTIONAL AUTHORITIES.
 - SPECIFICATIONS SHALL COMPLY WITH THE JURISDICTIONAL AUTHORITY'S SPECIAL PROVISIONS.
 - LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
 - CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
 - CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
 - ALL NON-METALLIC UTILITY PIPES (SANITARY SEWER, STORM SEWER, AND WATER PIPING) SHALL BE INSTALLED IN CONJUNCTION WITH TRACER WIRE AS REQUIRED BY SPS 382.30(11)H, SPS 382.36(7)(C)10, AND SPS 382.40(B)K. COLOR OF TRACER WIRE SHALL BE: SANITARY SEWER - GREEN, STORM SEWER - BROWN, WATER - BLUE, NON-POTABLE WATER - PURPLE.
 - DRY UTILITIES (COMMUNICATION, TELEPHONE, GAS, ELECTRIC, ETC.) ARE SHOWN FOR GENERAL ROUTING ONLY. CONTRACTOR SHALL COORDINATE DESIGN AND FINAL LOCATION WITH APPROPRIATE UTILITY COMPANY.
 - THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
 - ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE JURISDICTIONAL AUTHORITY'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE INSTALLED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
 - IN ANY LOCATIONS WHERE BUILDING SEWERS (STORM AND SANITARY) ARE INSTALLED WITH LESS THAN THE MINIMUM COVER AS SPECIFIED IN SPS 382.30(11)G OR WATER PIPING 382.40(B)A, CONTRACTOR SHALL INSTALL INSULATION IN ACCORDANCE WITH SPS 382.30(11)(c)2, FOR PROTECTION FROM FROST.
 - STORM SEWER SPECIFICATIONS:
 - PIPE:
 - REINFORCED CONCRETE PIPE (RCP) - SHALL MEET THE REQUIREMENTS OF ASTM CLASS III (MINIMUM) C76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C443.
 - HIGH DENSITY DUAL-WALL POLYETHYLENE CORRUGATED PIPE (HDPE) - SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M284 TYPE "S".
 - POLYVINYL CHLORIDE (PVC) - SHALL MEET REQUIREMENTS OF ASTM D3034, SDR 35 FOR PIPE SIZES 8"-15" WITH INTEGRAL BELL TYPE FLEXIBLE ELECTROMETRIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D3212, ASTM 1785 SCHEDULE 40 FOR PIPE DIAMETERS 4" -6", SDR 35 SHALL BE USED FOR DEPTHS 3'-15" AND SDR 26 FOR DEPTHS 16'-20" DEPENDENT ON LOCAL JURISDICTION.
 - INLETS AND CATCH BASINS:
 - INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.6.3 AND DETAIL DRAWINGS FILE NO. 28 OR 29 OF THE STANDARD SPECIFICATIONS, OR APPROVED EQUAL WITH A 2X3" MAXIMUM OPENING.
 - GRATE FRAME AND GRATES SHALL BE MANUFACTURED BY NYLOPLAST ONLY WHEN SPECIFIED ON PLANS, CONFORMING TO ASTM D1781, ASTM D3212, ASTM F477, AND MANUFACTURER'S REQUIREMENTS. REFER TO PLANS FOR LID OR GRATE SPECIFICATION.
 - FRAME AND GRATE LIDS:
 - CURB FRAME AND GRATES SHALL BE NEEHAH R-3067 WITH TYPE "R" GRATE OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
 - SOLID LID FRAME AND GRATES SHALL BE NEEHAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
 - GRATE FRAME AND GRATES SHALL BE NEEHAH R-1550, HEAVY DUTY WITH A R-2578 GRATE OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
 - MANHOLES:
 - MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.5.0 AND DETAIL DRAWINGS FILE NO. 11 AND/OR 12 OF THE STANDARD SPECIFICATIONS.
 - MANHOLE FRAME AND COVER SHALL BE NEEHAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
- BACKFILL AND BEDDING:
 - STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL.
- LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS.
- FIELD TILE CONNECTIONS:
 - ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.
- WATER MAIN & WATER LATERAL SPECIFICATIONS:
 - PIPE:
 - DUCTILE IRON PIPE SHALL BE CLASS 52 CONFORMING TO AWWA C151 AND CHAPTER 8.18.0 OF THE STANDARD SPECIFICATIONS.
 - POLYVINYL CHLORIDE PRESSURE PIPE (PVC) SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C900 DR14 (CLASS 305) FOR SIZES UP TO 4" AND AWWA C900 DR18 (CLASS 235) UP TO 30". WITH INTEGRAL ELASTOMERIC BELL AND SPIGOT JOINTS.
 - COPPER TYPE K TUBING SHALL CONFORM TO ASTM DESIGNATION B88 FOR WATER SERVICES LESS THAN 2" IN DIAMETER.
 - HIGH DENSITY POLYETHYLENE (HDPE) SHALL CONFORM TO THE REQUIREMENTS OF AWWA C901, SDR 9 MINIMUM FOR SIZES UP TO 3" AND TO AWWA C906, SDR 17 MINIMUM FOR SIZES GREATER THAN 3".
 - VALVES AND VALVE BOXES:
 - GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C500 AND CHAPTER 8.27.0 OF THE STANDARD SPECIFICATIONS.
 - CURB STOPS AND CORPORATION VALVES SHALL BE AWWA C800 AND ASTM B62, AND CONFORM TO ANY LOCAL JURISDICTIONAL REQUIREMENTS.
- WATER SERVICES CONNECTIONS:
 - SERVICES 2" IN DIAMETER OR LESS SHALL USE A TAP SERVICE WITH A CORPORATION STOP AND CURB STOP VALVE WITH SERVICE BOX PER JURISDICTIONAL REQUIREMENTS.
 - SERVICES GREATER THAN 2" IN DIAMETER SHALL USE A TAPPING SLEEVE OR CUT-IN TEE CONNECTION WITH VALVE OF EQUIVALENT PIPE DIAMETER AND VALVE BOX PER JURISDICTIONAL REQUIREMENTS.
- HYDRANTS:
 - HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTIONAL AUTHORITIES. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18" AND NO GREATER THAN 23"(SEE DETAIL).
- JOINT RESTRAINT:
 - WHERE SPECIFIED, DUCTILE IRON PIPE SHALL INCLUDE MECHANICAL JOINTS CONFORMING TO CHAPTER 4.4.2(b) OF THE STANDARD SPECIFICATIONS. POLYETHYLENE WRAP SHALL BE USED AROUND ALL MECHANICAL CONNECTIONS.
- BEDDING AND COVER MATERIALS:
 - PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE STANDARD SPECIFICATIONS.
 - BURY DEPTH SHALL CONFIRM TO LOCAL JURISDICTION REQUIREMENTS, OR DSPS REQUIREMENTS AT A MINIMUM, WHERE THERE IS NO LOCAL JURISDICTION REQUIREMENTS.
- BACKFILL:
 - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTERS 2.6.0 AND 4.17.0 OF THE STANDARD SPECIFICATIONS. GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL.
 - LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS.
- SEPARATION DISTANCES
 - WHERE PRIVATE WATER MAIN OR WATER SERVICES CROSSES A SANITARY SEWER OR SANITARY LATERAL, THE WATER PIPE WITHIN 5 FEET OF THE CROSSING SHALL BE INSTALLED WITH THE FOLLOWING:
 - WATER PIPING SHALL BE INSTALLED AT LEAST 12 INCHES ABOVE THE TOP OF SANITARY PIPING
 - WATER PIPING SHALL BE INSTALLED AT LEAST 18 INCHES BELOW THE BOTTOM OF SANITARY PIPING.

UTILITY NOTES, CONTINUED

- SANITARY SEWER SPECIFICATIONS:
 - PIPE:
 - POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D3212, ASTM 1785 SCHEDULE 40 FOR PIPE DIAMETERS 4"-6", SDR 35 SHALL BE USED FOR DEPTHS 3'-15" AND SDR 26 FOR DEPTHS 16'-20" DEPENDENT ON LOCAL JURISDICTION.
 - CONNECTION TO DISSIMILAR PIPE MATERIALS SHALL CONFORM TO CHAPTER 3.4.2 OF THE STANDARD SPECIFICATIONS. FERNCO COUPLER MAY BE USED WITH APPROVAL OF ENGINEER.
 - MANHOLES:
 - MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.5.0 AND DETAIL DRAWINGS FILE NO'S 12, 13 AND 15 OF THE STANDARD SPECIFICATIONS AND ALL SPECIAL PROVISIONS OF THE JURISDICTIONAL AUTHORITIES.
 - MANHOLES SHALL HAVE INTERNAL CHIMNEY SEALS INSTALLED IN ALL SANITARY MANHOLES IN ACCORDANCE WITH CHAPTER 3.5.4(F) AND DETAIL DRAWING FILE NO. 12A OF THE STANDARD SPECIFICATIONS.
 - MANHOLES SHALL HAVE ALL EXTERNAL JOINTS WRAPPED WITH MAC WARP OR EQUAL RUBBERIZED JOINT WRAP PER ASTM 2000. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY COVER THE EXTERNAL JOINTS WITH BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT.
 - BEDDING AND COVER MATERIAL:
 - MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8.43.2 (A).
 - MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS, OR AS REQUIRED TO ENSURE ADEQUATE COMPACTION OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR NEAR THE SPRINGLINE OF THE PIPE. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY COVER BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT."
 - BACKFILL:
 - MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE STANDARD SPECIFICATIONS. GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL.
 - LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS.
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD CONDITIONS.
- INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE, AND EXISTING INLET PROTECTION) PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE COVER. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" SELECTED CRUSHED CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE JURISDICTIONAL AUTHORITIES PRIOR TO DEVIATION OF THE APPROVED PLAN.
- ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY JURISDICTIONS HAVING AUTHORITY AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
- INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
- ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5" ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY UPON INSPECTION.
- CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRE-APPROVED BY THE JURISDICTION. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" SELECTED CRUSHED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENT OFF-SITE AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED.
- PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT, AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE JURISDICTIONAL AUTHORITIES.
- INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLETS OF ALL INSTALLED STORM SEWER, STONE DITCH CHECKS FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS.
- DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.
- EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
 - PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
 - BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
 - DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE WDNR DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
- ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS OR APPLICATION OF A WISDOT APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF. WITHIN 7 (SEVEN) DAYS OF REACHING FINAL GRADE, DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052 AND 1053.
- CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
- A CONCRETE WASHOUT AREA SHALL BE DESIGNATED ONSITE. CONTRACTOR SHALL USE PRE-MANUFACTURED ABOVE GROUND WASHOUT TOTE OR EQUIVALENT CONTAINMENT AREA FOR ALL CONCRETE WASTE. CONCRETE WASTE SHALL ONLY BE CONTAINED IN ABOVE GROUND PRE-FABRICATED CONTAINERS OR CONSTRUCTED CONTAINMENT AREA AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FREQUENTLY DISPOSE OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS TO MAINTAIN THE SYSTEMS EFFECTIVENESS.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
 - THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED OR IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED. (I.E., THAT THE PORTION OF THE SITE THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAY). IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
- STABILIZATION MEASURES SHALL BE DETERMINED BASED ONSITE CONDITIONS WHEN CONSTRUCTION ACTIVITY HAS CEASED INCLUDING, BUT NOT LIMITED TO, WEATHER CONDITIONS AND LENGTH OF TIME THE MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:
 - PERMANENT SEEDING, IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
 - TEMPORARY SEEDING, MAY CONSIST OF SPRING OATS(100LBS.ACRE) IN SPRING/SUMMER OR WHEAT OR CEREAL RYE (150LBS.ACRE) IN FALL
 - HYDRO-MULCHING WITH A TACKIFIER
 - WOVEN AND NON-WOVEN GEOTEXTILES
 - EROSION MATTING
 - SODDING
 - OTHER MEASURES AS APPROVED BY THE ENGINEER
- EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A CONTIGUOUS DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
- CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON COMPLETION OF THE PROJECT IN ACCORDANCE WITH WDNR REQUIREMENTS AND/OR REQUEST FOR PERMIT CLOSURE IN ACCORDANCE WITH JURISDICTION PERMIT AND SPECIFICATION REQUIREMENTS.



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MADISON REGIONAL OFFICE
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
FITZCHBURG PARTNERS,
LLC.

CLIENT ADDRESS:
80 OTTAWA AVE. NW, SUITE 410
GRAND RAPIDS, MI 49503

PROJECT:
JAMESTOWN QUARRY

PROJECT LOCATION:
2975 KAPEC ROAD
DANE COUNTY
FITZCHBURG, WI 53719

PLAN MODIFICATIONS:

#	Date:	Description:
1	05.21.24	PRELIMINARY PLAN
2		
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11		
12		
13		
14		
15		

Designed By: MSS
Reviewed by:
Approved By: CD

SHEET TITLE:

NOTES AND LEGEND

SHEET NUMBER:

C1.0

JSD PROJECT NO: 22-11636

GRADING AND EARTHWORK NOTES

- ALL SITE PREP AND EARTHWORK SHALL CONFORM TO THE GEOTECHNICAL REPORT PREPARED BY [FIRM NAME], TITLED ["REPORT TITLE"], ISSUE DATE [DATE]. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT.
- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY, AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES, WHILE JSD PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST-EFFECTIVE APPROACH TO BALANCE EARTHWORK. GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.
- ALL EXCAVATIONS AND FILLS SHALL BE TO THE ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL INCLUDE SUFFICIENT DEPTHS FOR PLACEMENT OF FILL MATERIALS, BASE COURSES, PAVEMENTS, TOPSOIL, AND OTHER MATERIALS TO THE SPECIFIED DEPTHS.
- CONTRACTOR SHALL NOT EXCAVATE BELOW ELEVATIONS OR DESIGN GRADES SHOWN ON THE DRAWINGS WITHOUT PRIOR AUTHORIZATION FROM ENGINEER AND OWNER.
- PRIOR TO ALL EXCAVATION OR FILLING OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TOPSOIL FROM PROPOSED LOCATIONS OF BUILDINGS, STRUCTURES, ROADS, WALKS, OTHER PAVED AREAS, STORM WATER FACILITIES OR WITHIN THE GRADING EXTENTS WHERE EXISTING GRADES ARE ALTERED BY MORE THAN 3". REMOVED OR STRIPPED TOPSOIL SHALL BE SEGREGATED AND STOCKPILED ON-SITE IN AN APPROPRIATE LOCATION TO BE RESPREAD AS SPECIFIED ON THE DRAWINGS.
- CONTRACTOR SHALL NOT PLACE ANY FILL OR OTHER MATERIALS ON AREAS THAT HAVE NOT HAD TOPSOIL REMOVED, ARE FROZEN, SATURATED, OR YIELDING. CONTRACTOR SHALL NOTIFY OWNER OR ENGINEER IF SUBGRADE CONDITIONS ARE NOT SUITABLE FOR SUPPORTING FILL AND A FURTHER DETERMINATION SHALL BE PROVIDED BY OWNER OR ENGINEER.
- CONTRACTOR SHALL PLACE THE FILLS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT INCLUDING LIFT DEPTHS AND COMPACTION EFFORTS.
- PRIOR TO PLACEMENT OF BASE COURSE MATERIALS IN PAVEMENT OR HARD SURFACE AREAS OR CONDUCTING EXCAVATION BELOW SUBGRADE (EBS) ELEVATIONS, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER TO CONDUCT AN INSPECTION OF THE PREPARED SUBGRADE AND PROOF-ROLLING. PROOF-ROLLING SHALL BE CONDUCTED BY THE CONTRACTOR IN WITNESS OF THE OWNER AND ENGINEER. OWNER AND ENGINEER SHALL DETERMINE IF AREAS OF EBS ARE REQUIRED. EBS SHALL BE COMPLETED BY THE CONTRACTOR PER THE DIRECTION OF THE OWNER AND ENGINEER.
- SOIL MATERIAL SPECIFICATIONS:**
 - FILL AND BACKFILL MATERIALS
 - MATERIAL SHALL BE SATISFACTORY MATERIALS EXCAVATED FROM THE SITE. PER THE GEOTECHNICAL REPORT, IF SATISFACTORY MATERIALS ARE NOT AVAILABLE ON-SITE OR ADDITIONAL MATERIALS ARE REQUIRED, REFER TO IMPORTED FILL MATERIAL SPECIFICATIONS.
 - IMPORTED FILL MATERIAL
 - MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR FROM OFFSITE BORROW AREAS WHEN SUFFICIENT, SATISFACTORY MATERIALS ARE NOT AVAILABLE ON-SITE. IMPORTED FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND CONSIST OF CLEAN MATERIAL OF INORGANIC SOILS OR A MIXTURE OF INORGANIC SOIL AND ROCK, STONE, OR GRAVEL. THE MATERIAL SHALL BE FREE OF TOPSOIL, VEGETATION, PAVEMENT RUBBLE, DEBRIS, OR OTHER DELETERIOUS MATERIALS. THE MAXIMUM NOMINAL DIMENSION OF MATERIALS CONSISTING OF ROCK, STONE, OR GRAVEL SHALL BE 6".
 - GRANULAR FILL
 - MATERIAL SHALL CONSIST OF CLEAN MATERIAL MEETING THE REQUIREMENTS OF "GRADE 1" OR "GRADE 2" GRANULAR BACKFILL AS DEFINED IN SECTION 209.2.1 OF THE STATE HIGHWAY SPECIFICATIONS.
- BUILDING STRUCTURAL FILL**
 - CLEAN MATERIAL MEETING THE REQUIREMENTS OF TYPE A "STRUCTURE BACKFILL" AS DEFINED IN SECTIONS 210.2.1 AND 210.2.2 OF THE STATE HIGHWAY SPECIFICATIONS AND GEOTECHNICAL REPORT.

CONSTRUCTION SITE DEWATERING NOTES

- ALL CONSTRUCTION SITE DEWATERING PRACTICES SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061 FOR PUMPING DISCHARGE RATES OF LESS THAN 70 GPM. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICABLE JURISDICTIONAL DEWATERING PERMITS. FOR DISCHARGE RATES EXCEEDING 70 GPM, CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITTING OF DEWATERING SYSTEM AS A HIGH CAPACITY DEWATERING WELL WITH WDNR AND LOCAL JURISDICTIONS.
- CONTRACTOR SHALL DISCHARGE TREATED EFFLUENT FROM DEWATERING SYSTEM TO LOCATIONS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061. CONTRACTOR SHALL OBTAIN APPROVAL FROM LOCAL JURISDICTION OR ADJACENT PRIVATE PROPERTY OWNERS FOR ALL DISCHARGES TO JURISDICTIONS PUBLIC INFRASTRUCTURE OR PRIVATE PROPERTY.
- IN THE EVENT OF DIRTY/UNCLEAR DISCHARGE, CONTRACTOR SHALL HALT PUMPING OPERATIONS AND EVALUATE THE DEWATERING TREATMENT/FILTERING SYSTEM.
- IN THE EVENT CONTRACTOR FINDS SIGNS OF CONTAMINATION IN THE GROUNDWATER OR SITE SOILS, ALL DEWATERING PRACTICES SHALL BE HALTED AND CONTAMINATION SHALL BE EVALUATED BY A QUALIFIED PROFESSIONAL TO PREVENT TRANSPORTATION OF CONTAMINATES DOWNSTREAM OF DISCHARGES.
 - IF DEWATERING PRACTICES CONTINUE WITH CONTAMINATED GROUNDWATER OR SOIL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS AND APPROVALS TO CONTINUE OPERATION OF DEWATERING SYSTEMS.
 - UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR DISCHARGE CONSTRUCTION SITE DEWATERING PRACTICES TO THE SANITARY SEWER WITHOUT AUTHORIZATION AND PERMIT APPROVALS FROM THE LOCAL JURISDICTION.

STORMWATER FACILITIES CONSTRUCTION NOTES

- ENGINEER SHALL BE NOTIFIED PRIOR TO INSTALLATION OF STORMWATER MANAGEMENT FACILITIES. CONTRACTOR SHALL PROVIDE ENGINEER DOCUMENTATION OF CONSTRUCTION OF STORMWATER FACILITIES INCLUDING GEOTECHNICAL NOTES ON EXISTING SOILS, PHOTOGRAPHS OF EACH STAGE OF BASIN CONSTRUCTION, LOAD TICKETS AND SPECIFICATION OF MATERIALS USED IN THE BASIN, AND ELEVATION OF CRITICAL ITEMS SUCH AS PIPES, EXCAVATIONS, DRAINAGE STONE BOTTOM, ETC.
- ERECT CONSTRUCTION FENCING OR SNOW FENCING AROUND PROPOSED STORMWATER FACILITIES INTENDED TO INFILTRATE STORMWATER TO PROTECT THESE SOILS FROM DISTURBANCE AND COMPACTION. CONSTRUCTION TRAFFIC, HEAVY EQUIPMENT, AND SOIL STOCKPILES SHALL NOT BE PLACED IN AREAS WHERE PROPOSED INFILTRATE AREAS ARE LOCATED.
- STORMWATER MANAGEMENT FACILITIES FOR INFILTRATION SHALL BE INSTALLED AFTER SUBSTANTIAL COMPLETION OF FINAL SITE GRADING AND SOILS HAVE BEEN STABILIZED.
- TEMPORARY SEDIMENT BASINS SHALL BE REMOVED IN THEIR ENTIRETY AFTER CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES. PERMANENT STORMWATER BASINS USED AS TEMPORARY SEDIMENT BASINS SHALL BE DREDGED TO DESIGN DEPTH AFTER SITE IS STABILIZED.
- REFER TO PROJECT DETAILS FOR FURTHER INFORMATION AND SPECIFICATIONS FOR THE CONSTRUCTION OF THE STORMWATER FACILITIES.

CONTAMINATED SOILS - NOTICE TO CONTRACTOR

- THE OWNER/DEVELOPER, [INSERT OWNER/DEVELOPER NAME], COMPLETED TESTING AND ANALYSIS FOR SOILS AND GROUNDWATER CONTAMINATION WITHIN THE PROJECT LIMITS WHERE EXCAVATION IS REQUIRED. TESTING AND ANALYSIS INDICATES THAT:
 - [ENTER BRIEF DESCRIPTION OF SOIL/GROUNDWATER CONTAMINANTS ENCOUNTERED]
 - [ENTER BRIEF DESCRIPTION OF SOIL/GROUNDWATER CONTAMINANTS ENCOUNTERED]
- TESTING AND ANALYSIS WAS COMPLETED BY THE OWNER/DEVELOPER CONSULTANT, [NAME OF FIRM], AND RESULTS HAVE BEEN DOCUMENTED IN A REPORT TITLED THE FOLLOWING:

[REPORT TITLE]
[REPORT SUBTITLE]
[REPORT SUBTITLE]
[PROJECT NAME/ADDRESS/LOCATION]
[REPORT ISSUANCE DATE AND/OR REVISIONS]
- PROPER HANDLING AND DISPOSAL OF ENCOUNTERED CONTAMINATED MATERIALS IS SHALL BE IN ACCORDANCE WITH THE PROJECT'S MATERIAL MANAGEMENT PLAN (MMP). IF CONTRACTOR ENCOUNTERS ANY OTHER SOIL OR GROUNDWATER CONTAMINATION NOT PREVIOUSLY FOUND IN TESTING OR ANALYSES, CONTRACTOR SHALL SUSPEND EXCAVATION ACTIVITIES IN THE AREA AND CONSULT WITH THE OWNER/DEVELOPER.
- CONTRACTOR(S) TAKING PART IN ACTIVITIES THAT WILL RESULT IN THE REASONABLE PROBABILITY OF EXPOSURE TO SAFETY AND HEALTH HAZARDS ASSOCIATED WITH HAZARDOUS MATERIALS SHALL HAVE COMPLETED HEALTH AND SAFETY TRAINING THAT MEETS O.S.H.A. REQUIREMENTS FOR HAZARDOUS WASTE AND EMERGENCY RESPONSE (H.A.Z.W.O.P.E.R.) AS PROVIDED IN 29 CFR 1910.120. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING SITE-SPECIFIC HEALTH AND SAFETY PLAN AND DEVELOP, DELINEATE, AND ENFORCE THE HEALTH AND SAFETY EXCLUSION ZONES FOR EACH CONTAMINATED SITE LOCATIONS AS REQUIRED BY 29 CFR 1910.120.
- FOR FURTHER INFORMATION REGARDING PREVIOUS INVESTIGATION AND REMEDIATION ACTIVITIES AT THIS SITE, CONTACT:

[OWNER/DEVELOPER NAME]
[OWNER/DEVELOPER CONTACT INFO]
[OWNER/DEVELOPER CONTACT INFO]
[OWNER/DEVELOPER CONTACT INFO]
[OWNER/DEVELOPER CONTACT INFO]

DEMOLITION NOTES CONTAMINATED SOILS

- REFER TO MATERIAL HANDLING PLAN FOR SOIL DISPOSAL. THREE CLASSES OF MATERIALS HAVE BEEN IDENTIFIED ON THE SUBJECT PROPERTY AND ARE DESCRIBED AS FOLLOWS:
 - CLASS I MATERIAL

[GENERAL DESCRIPTION OF MATERIAL COMPOSITION AND CONTAMINATION TYPES]. THE MATERIAL IS REGULATED BY THE STATE OF WISCONSIN AND REQUIRES DISPOSAL AT A LICENSED LANDFILL FACILITY.
 - CLASS II MATERIAL

[GENERAL DESCRIPTION OF MATERIAL COMPOSITION AND CONTAMINATION TYPES]. THE MATERIAL IS REGULATED BY THE STATE OF WISCONSIN AND REQUIRES DISPOSAL AT A LICENSED LANDFILL FACILITY.
 - CLASS III MATERIAL
 - SHALL CONSIST OF NATURAL SOILS CONTAINING NO EVIDENCE OF FILL, CONSTRUCTION RUBBLE, CONCRETE, FOUNDRY SAND, SLAG, ASPHALT, AND/OR CONTAMINATION BASED ON VISUAL FIELD OBSERVATIONS AND/OR PREVIOUS DATA OF SOIL COLLECTED FROM THE AREA(S) FROM WHICH THIS MATERIAL IS BEING REMOVED. ROUTINE FIELD OBSERVATIONS/SCREENING WILL ALSO BE PERFORMED TO CONFIRM THE SOIL QUALITY. THIS MATERIAL WILL LIKELY BE ABLE TO BE REUSED ONSITE.
- THE STOCKPILING OF EACH CLASS OF MATERIALS SHALL BE AS FOLLOWS:
 - CLASS III MATERIAL
 - MATERIAL SHALL BE PLACED IN A TEMPORARY WASTE DUMPSTER OR WITHIN THE BED OF A WASTE HAULING VEHICLE PERMITTED TO HAUL SPECIAL WASTES. ONCE FILLED, ALL SUCH HOLDING CONTAINERS WILL BE COVERED WITH AN IMPERVIOUS MATERIAL. ALTERNATIVELY, CLASS I AND II MATERIAL MAY BE TEMPORARILY STOCKPILED ONSITE. ALL STOCKPILED CLASS I AND II MATERIAL MUST BE PLACED ON AND ALSO COVERED WITH AN IMPERVIOUS MATERIAL.
 - CLASS III MATERIAL
 - MATERIAL TEMPORARILY STOCKPILE(S) WILL BE MANAGED USING STANDARD EROSION CONTROL MEASURES REQUIRED AT CONSTRUCTION SITES. THE CLASS III MATERIAL MAY BE TREATED AS CLEAN FILL AND MAY BE REUSED ONSITE WHERE POSSIBLE.
- WASTE MANIFESTS WILL BE REQUIRED FOR ALL SOLID WASTE MATERIALS DISPOSED AT A LICENSED LANDFILL FACILITY. THE DISPOSAL OF EACH CLASS OF MATERIALS SHALL BE AS FOLLOWS:
 - CLASS III MATERIAL
 - MATERIAL SHALL CONSIST OF CONTAMINATED FILL/SOIL SAND WILL BE TREATED AS "CONTAMINATED SOIL." THIS MATERIAL IS REGULATED BY THE STATE OF WISCONSIN AND REQUIRES DISPOSAL AT A LICENSED LANDFILL RECYCLING AND DISPOSAL FACILITY. THIS MATERIAL MAY BE DISPOSED AT [DEFINE LANDFILL LOCATION, IF KNOWN]
 - CLASS III MATERIAL
 - MATERIAL SHALL CONSIST OF NON-CONTAMINATED FILL SOILS AND/OR NATURAL SOILS, TOPSOIL, AND/OR GRAVEL SUBBASE LOCATED UNDER PAVEMENT AREAS. THIS MATERIAL MAY BE TREATED AS CLEAN FILL AND IS TO BE REUSED ONSITE WHERE POSSIBLE.
- EXISTING METHANE MONITORING WELLS SHALL BE PRESERVED. IF MONITORING WELLS ARE IN CONFLICT WITH PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY [ENVIRONMENTAL CONSULTANT FIRM NAME & CONTACT INFORMATION]
- DEWATERING EFFLUENT MAY BE DISCHARGED TO [LOCATION DESCRIPTION]. REFER TO [PERMIT NUMBER/APPROVAL REFERENCE] FOR PERMIT CONDITIONS. CONTACT [JURISDICTIONAL/UTILITY CONTRACT ENTITY AND CONTACT INFORMATION]

LEGEND

	PROPERTY LINE
	EASEMENT LINE
	BUILDING SETBACK LINE
	DEMOLITION - SAWCUT EXISTING PAVEMENT
	DEMOLITION - REMOVAL OF CURB AND GUTTER
	DEMOLITION - SAWCUT HEAD OF CURB AND GUTTER
	DEMOLITION - REMOVAL OF ASPHALT AND BASE
	DEMOLITION - REMOVAL OF CONCRETE AND BASE
	DEMOLITION - REMOVAL OF GRAVEL
	DEMOLITION - REMOVAL OF UTILITIES
	DEMOLITION - CLEAR AND GRUB
	PROTECT EXISTING TREE
	EDGE OF PAVEMENT
	STANDARD CURB AND GUTTER
	REJECT CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	HEAVY DUTY CONCRETE PAVEMENT
	PROPOSED 1 FOOT CONTOUR
	PROPOSED 5 FOOT CONTOUR
	EXISTING 1 FOOT CONTOUR
	EXISTING 5 FOOT CONTOUR
	DRAINAGE DIRECTION
	GRADE BREAK
	STORMWATER MANAGEMENT AREA
	RETAINING WALL
	BOULDER WALL
	FENCE
	LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
	SANITARY SEWER
	WATERMAIN
	STORM SEWER
	8'x4'x4" INSULATION (PLAN VIEW)
	8'x4'x4" INSULATION (PROFILE VIEW)
	SILT FENCE
	RIP-RAP
	CONSTRUCTION ENTRANCE
	EROSION MATTING
	DITCH CHECK
	FRAMED INLET PROTECTION
	SPOT ELEVATION
	EP - EDGE OF PAVEMENT
	FG - FINISH GRADE
	EC - EDGE OF CONCRETE
	EX - MATCH EXISTING GRADE
	SW - SIDEWALK



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CLIENT:
FITCHBURG PARTNERS, LLC.

CLIENT ADDRESS:
**80 OTTAWA AVE. NW, SUITE 410
GRAND RAPIDS, MI 49503**

PROJECT:
JAMESTOWN QUARRY

PROJECT LOCATION:
**2975 KAPEC ROAD
DANE COUNTY
FITCHBURG, WI 53719**

PLAN MODIFICATIONS:

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Designed By: MSS
Reviewed By:
Approved By: CD

NOTES AND LEGEND

SHEET NUMBER:

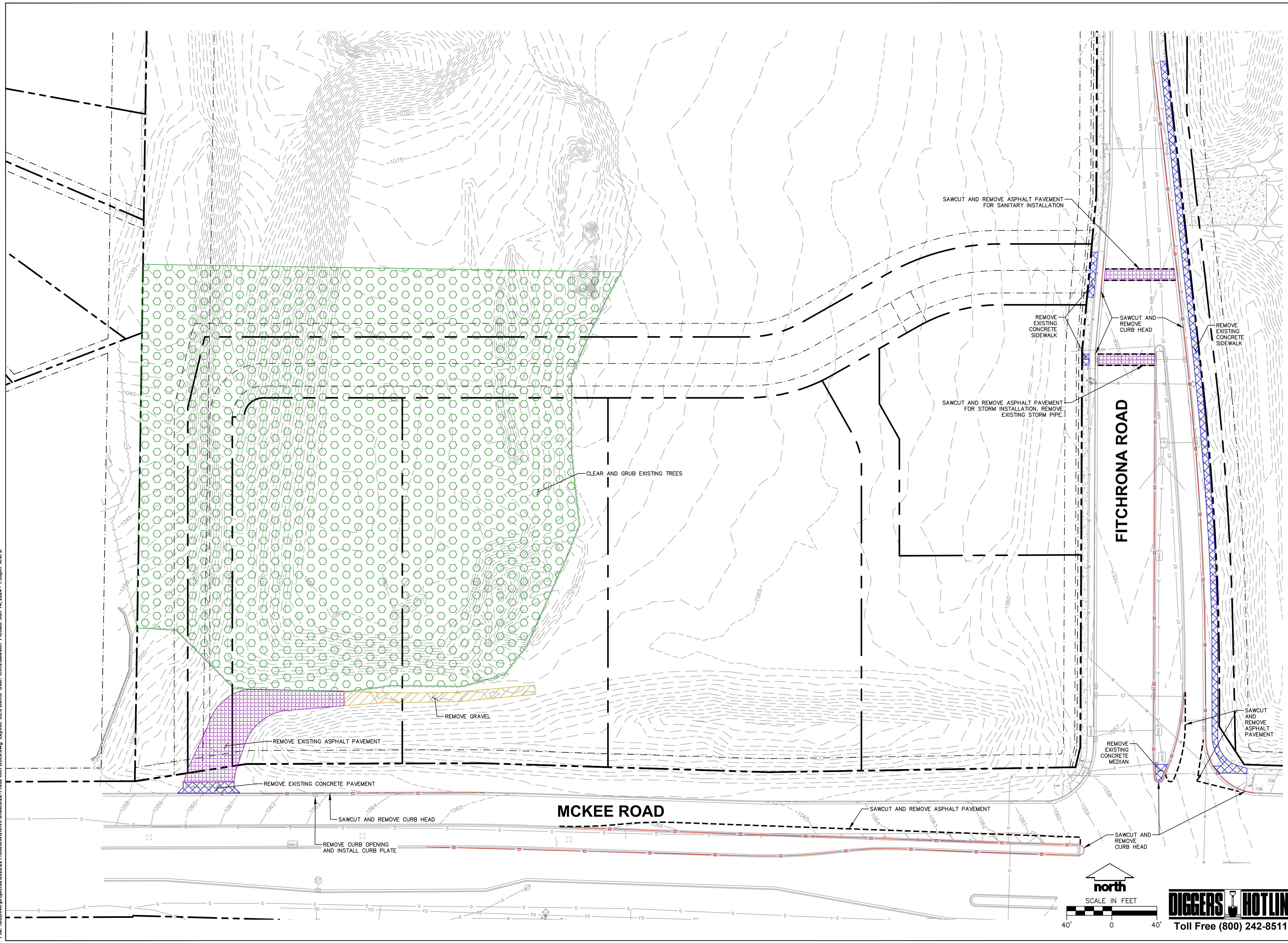
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JSD PROJECT NO: 22-11636



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Designed By: MSS
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 Approved By: CD

SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C2.0

JSD PROJECT NO: 22-11638

north
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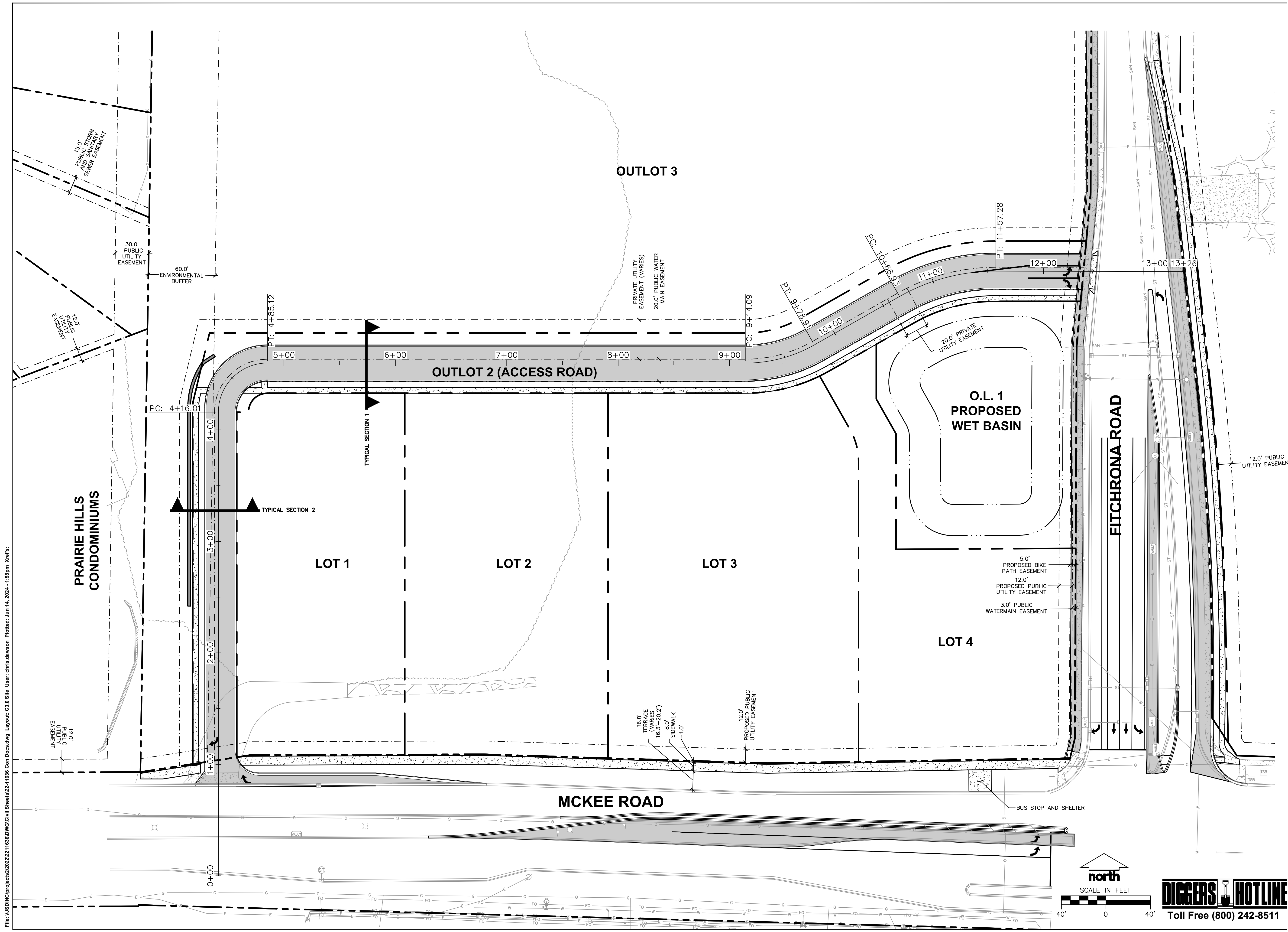
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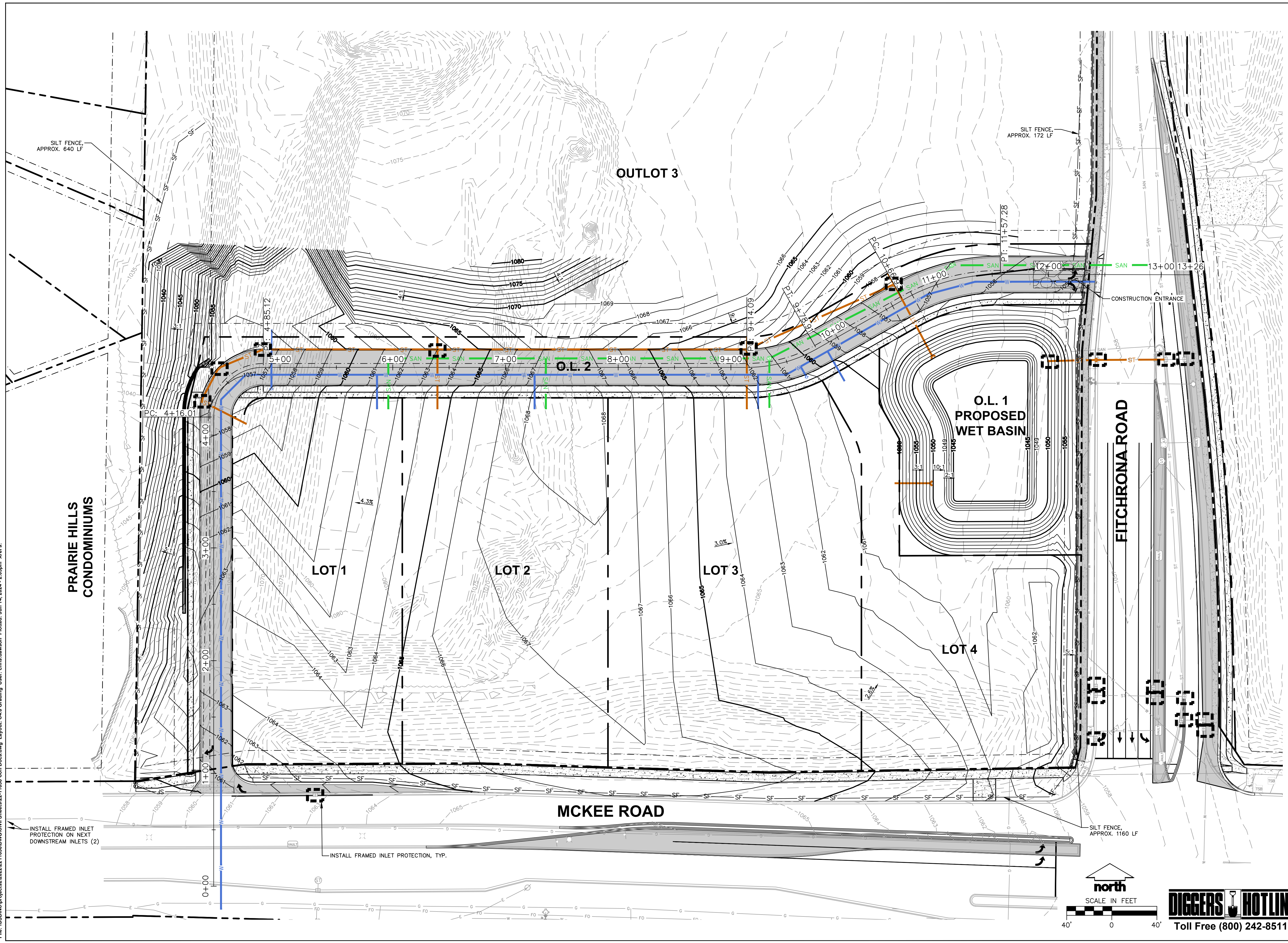
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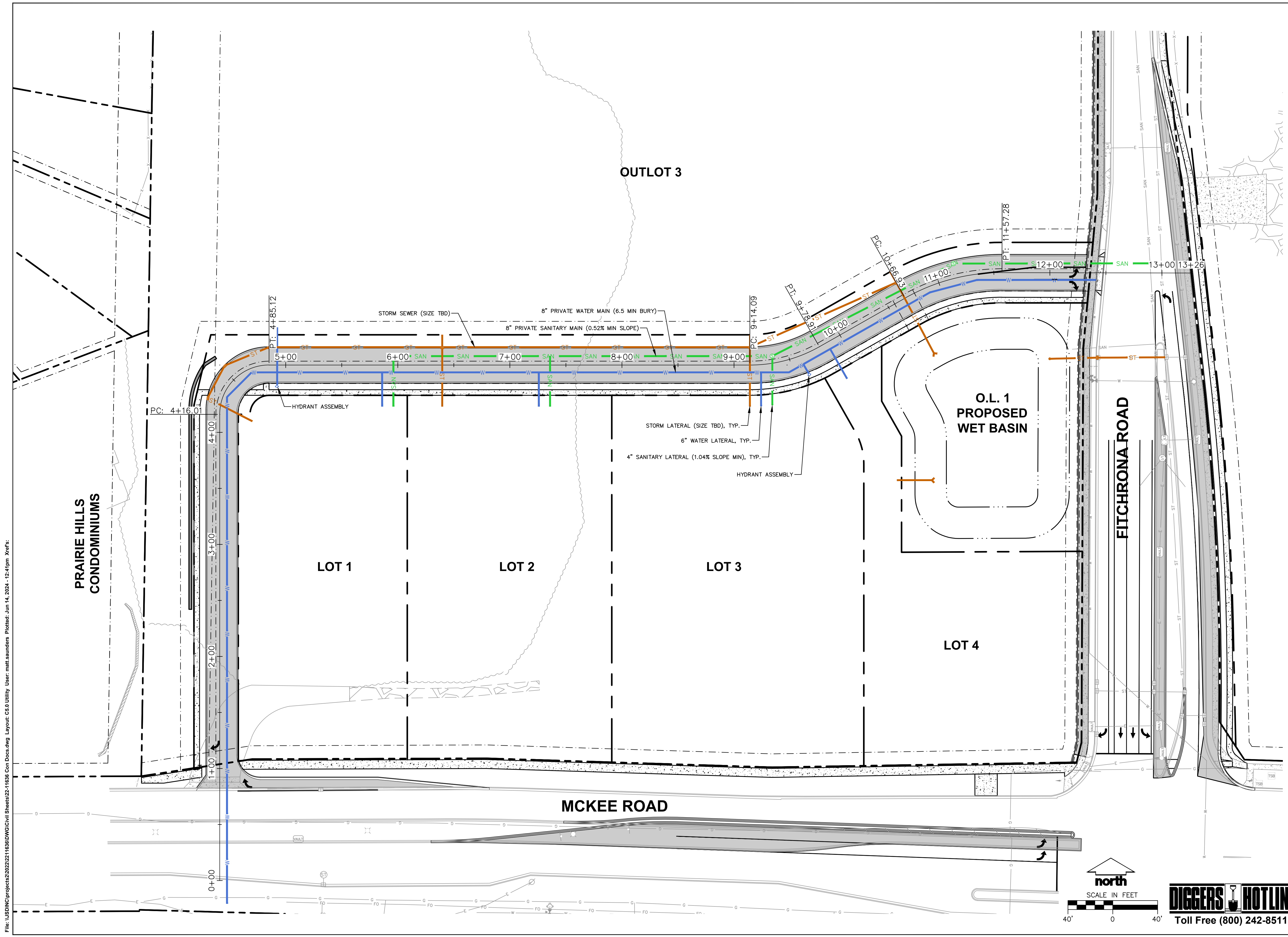
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SHEET TITLE:
UTILITY PLAN

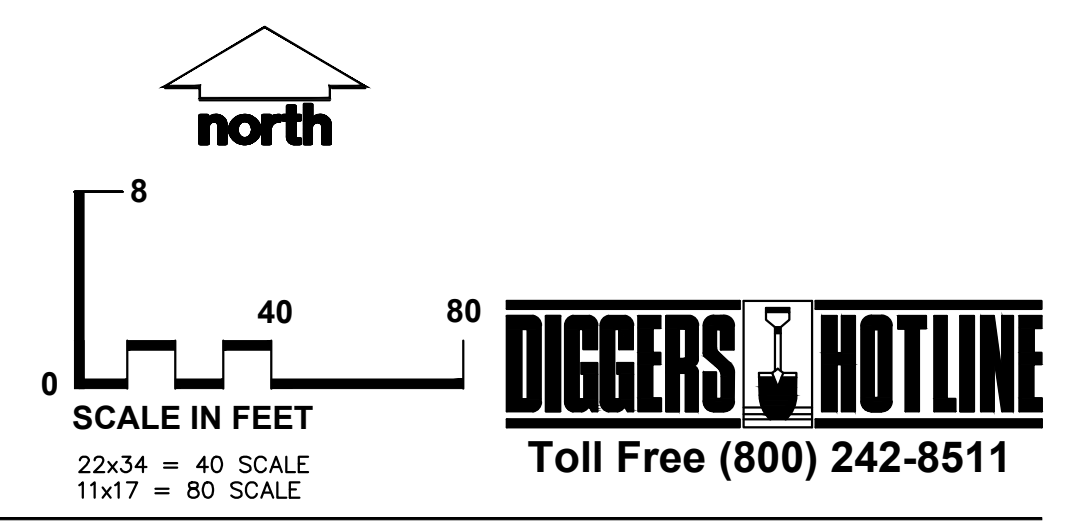
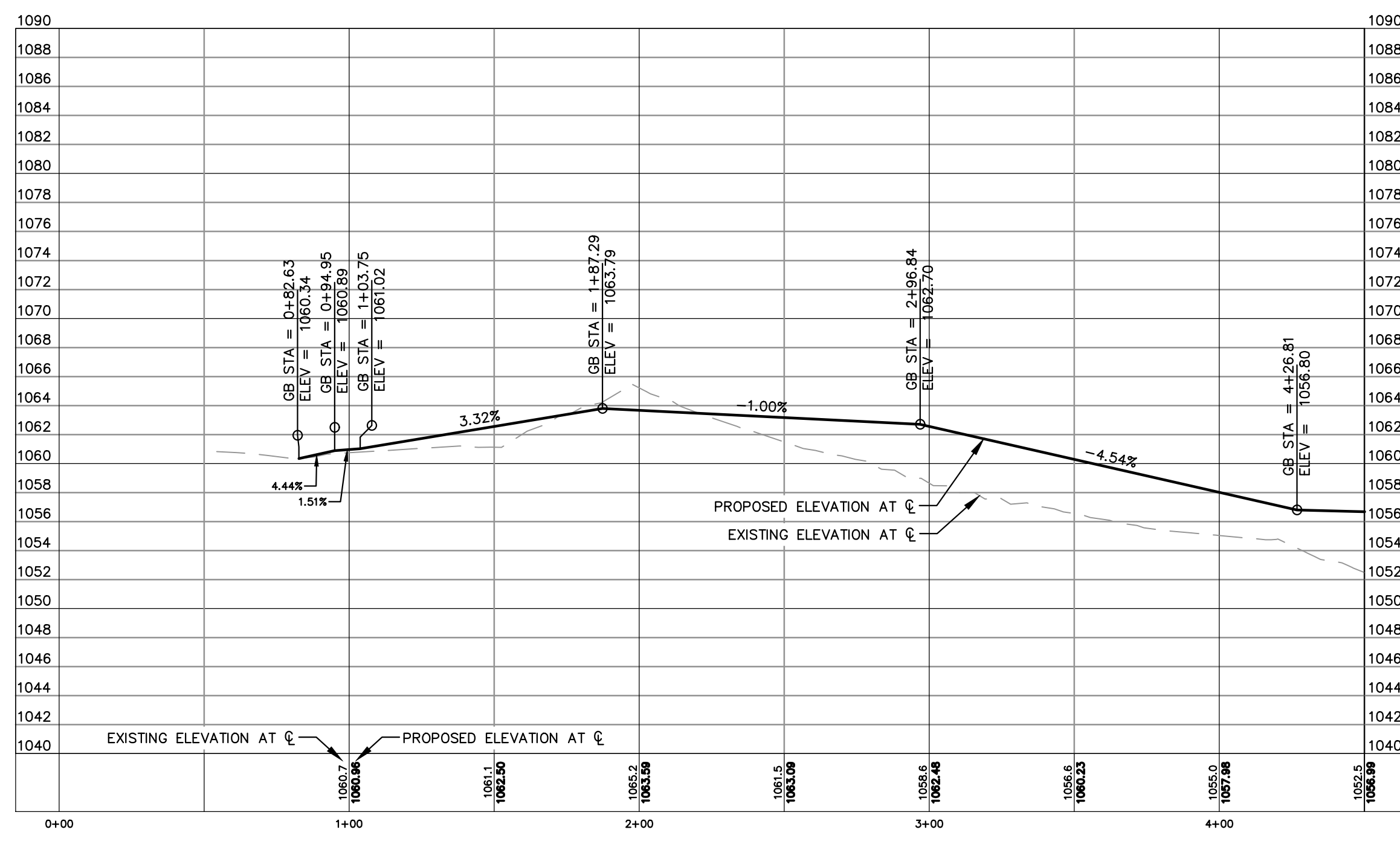
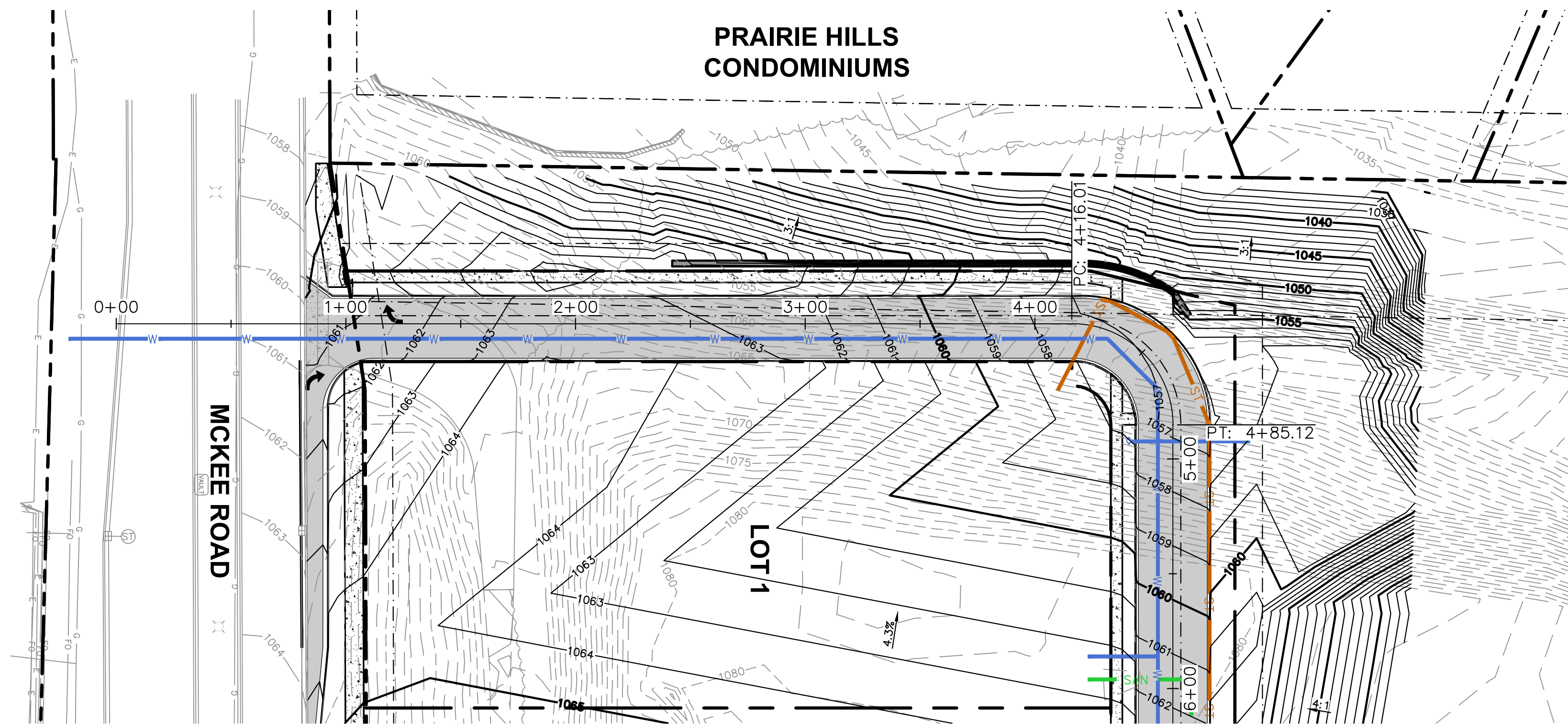
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**PRAIRIE HILLS
CONDOMINIUMS**

MCKEE ROAD

LOT 1



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Reviewed By: _____
Approved By: _____ CD

**STREET PLAN AND
PROFILE**

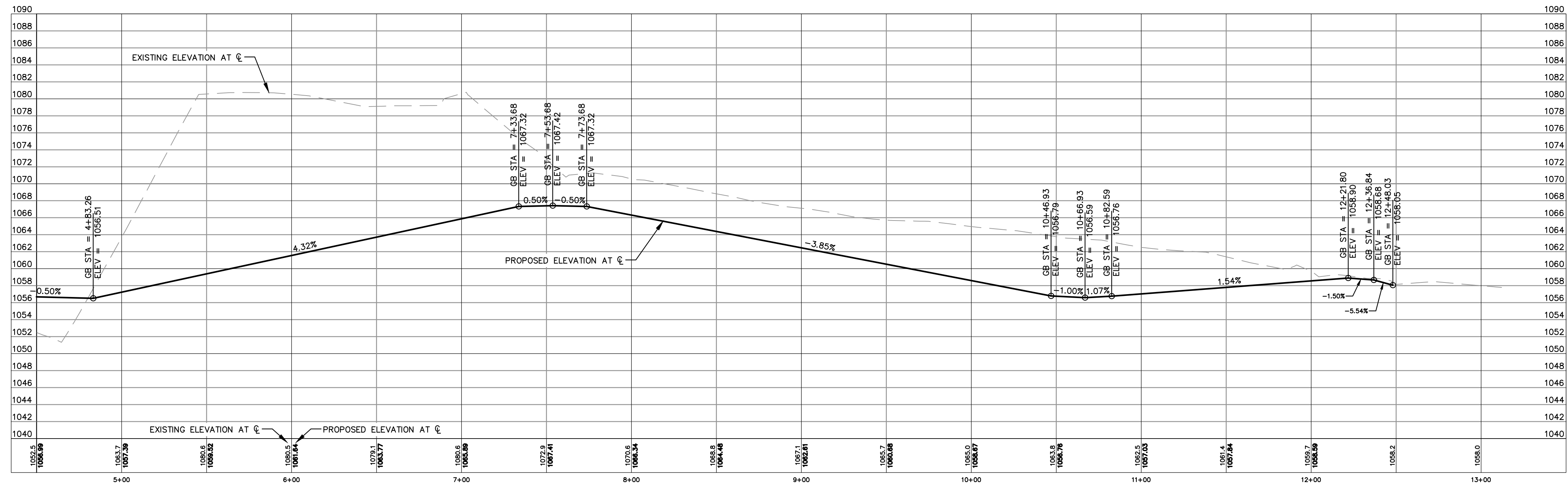
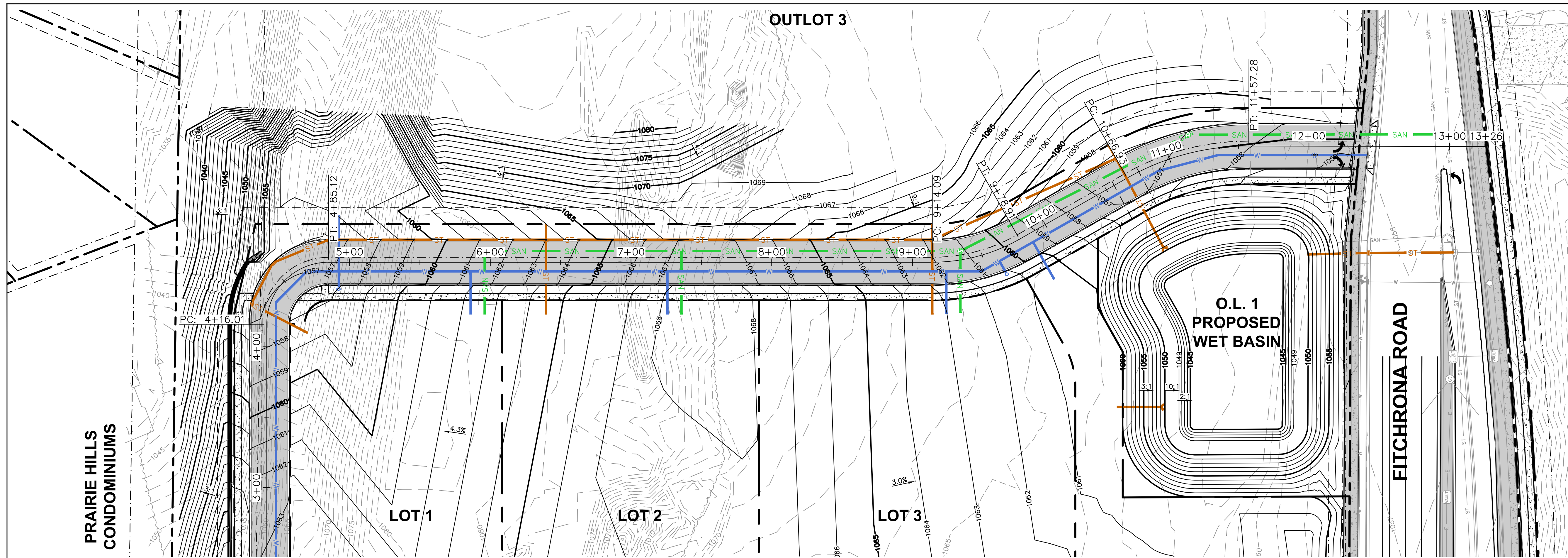
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 80 OTTAWA AVE. NW, SUITE 410
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JAMESTOWN QUARRY

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STREET PLAN AND PROFILE

SHEET NUMBER:

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JSD PROJECT NO: 22-11638

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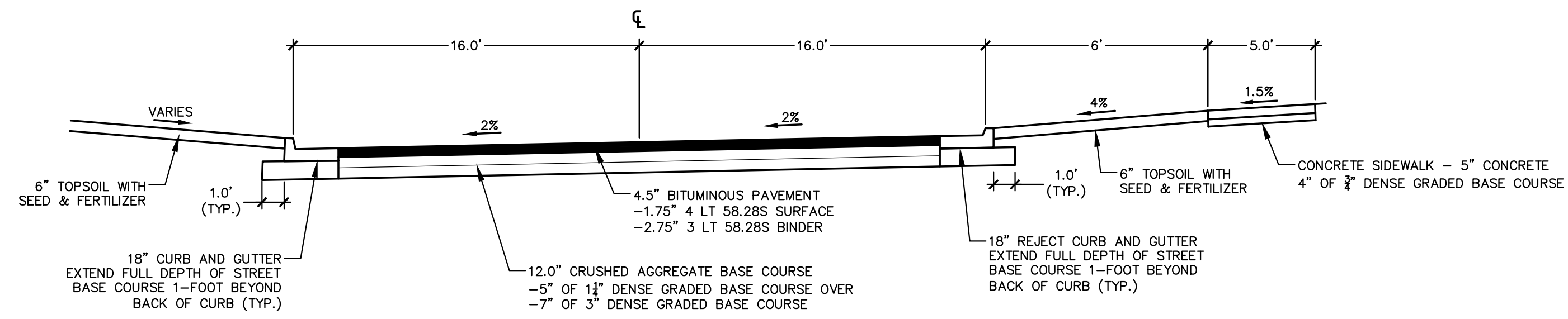
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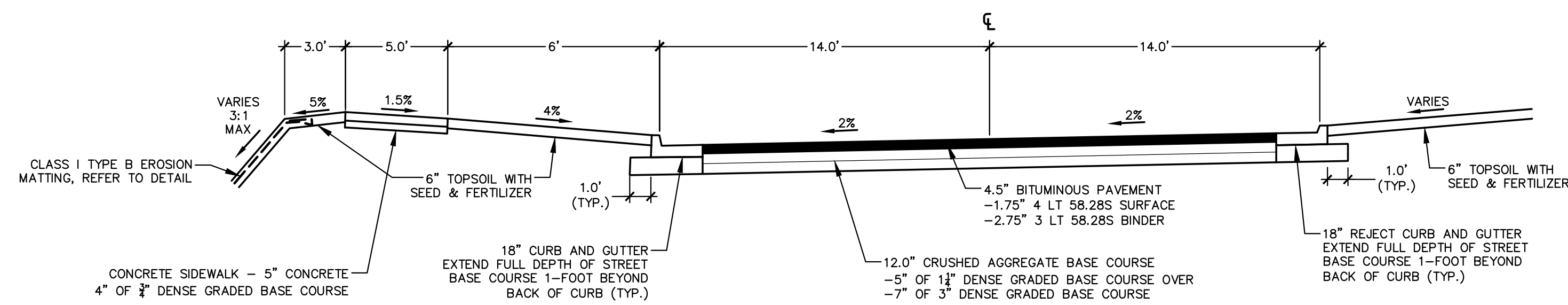
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TYPICAL SECTIONS**

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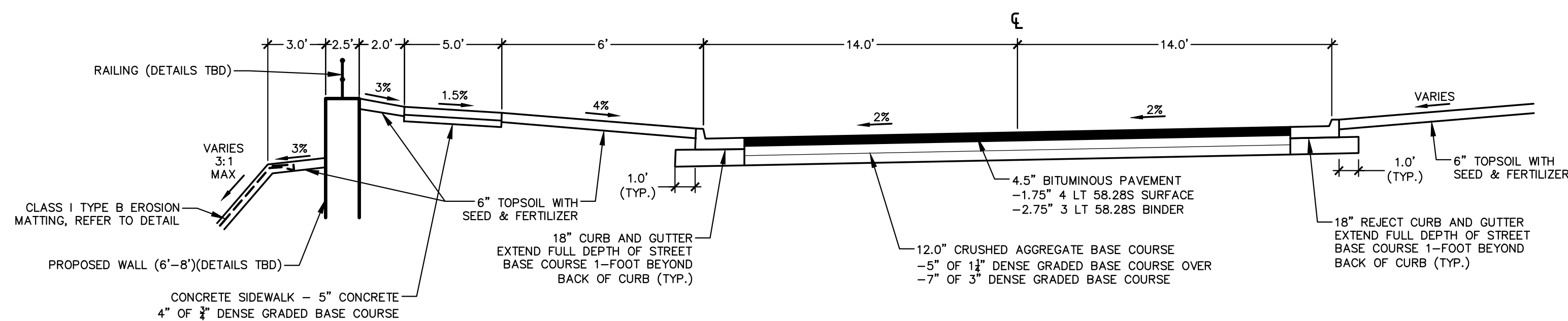
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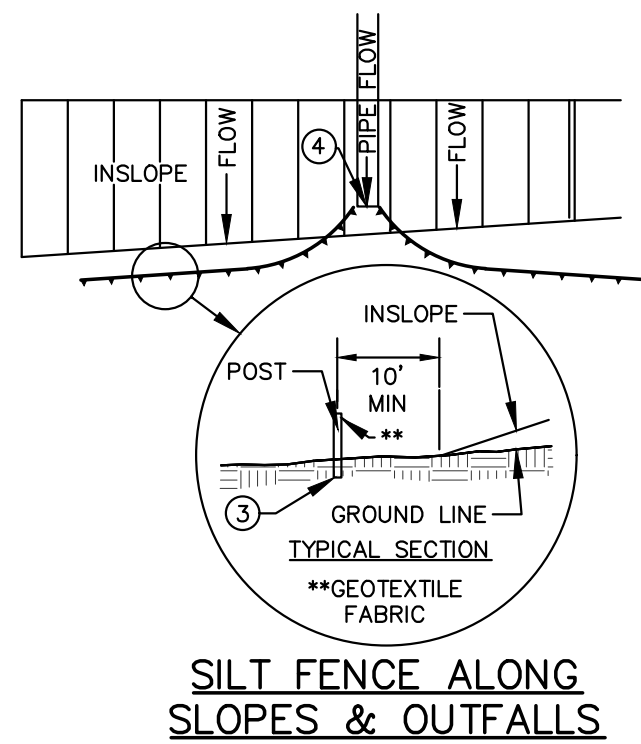
TYPICAL SECTION 1



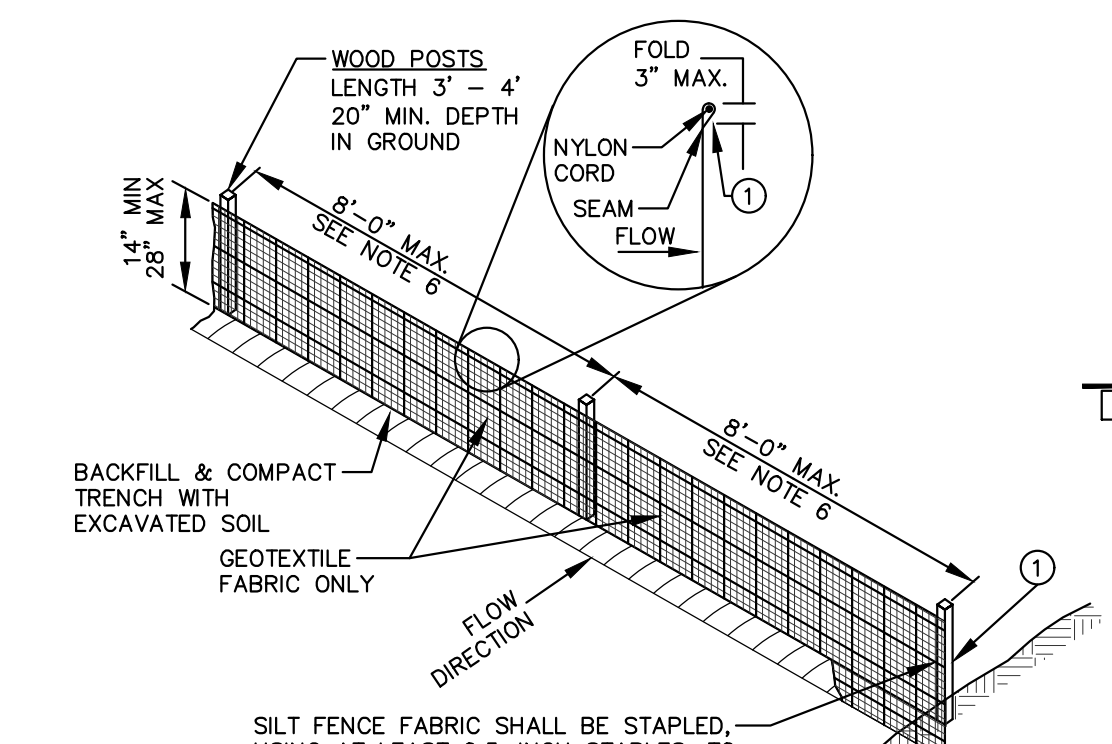
TYPICAL SECTION 2 - WITHOUT WALL



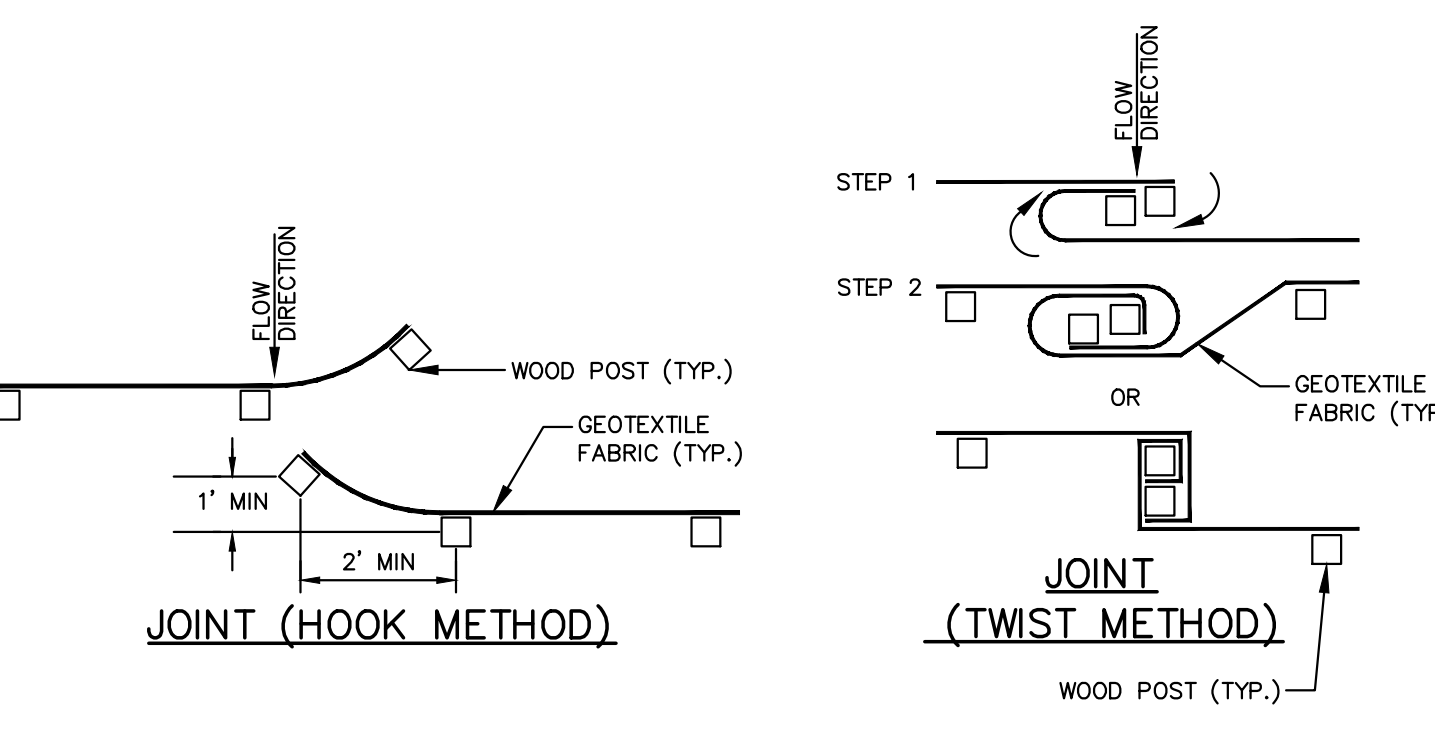
TYPICAL SECTION 2 - WITH WALL



SILT FENCE ALONG SLOPES & OUTFALLS



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)



GENERAL NOTES:

- SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
- FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES x 1.125-INCHES OF DRIED OAK OR HICKORY.
- SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE.
- SILT FENCE CONSTRUCTION AND GEOTEXTILE FABRIC SHALL CONFORM TO WDNR TECHNICAL STANDARD 1056.
- POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8- FEET FOR WOVEN & 3- FEET FOR NON-WOVEN)

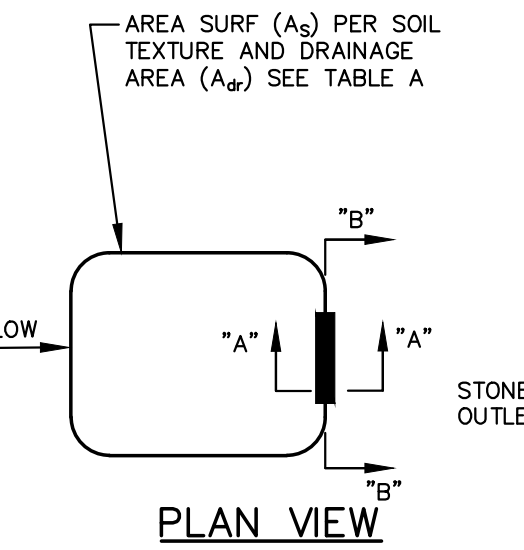
SILT FENCE

N.T.S.

TABLE A:

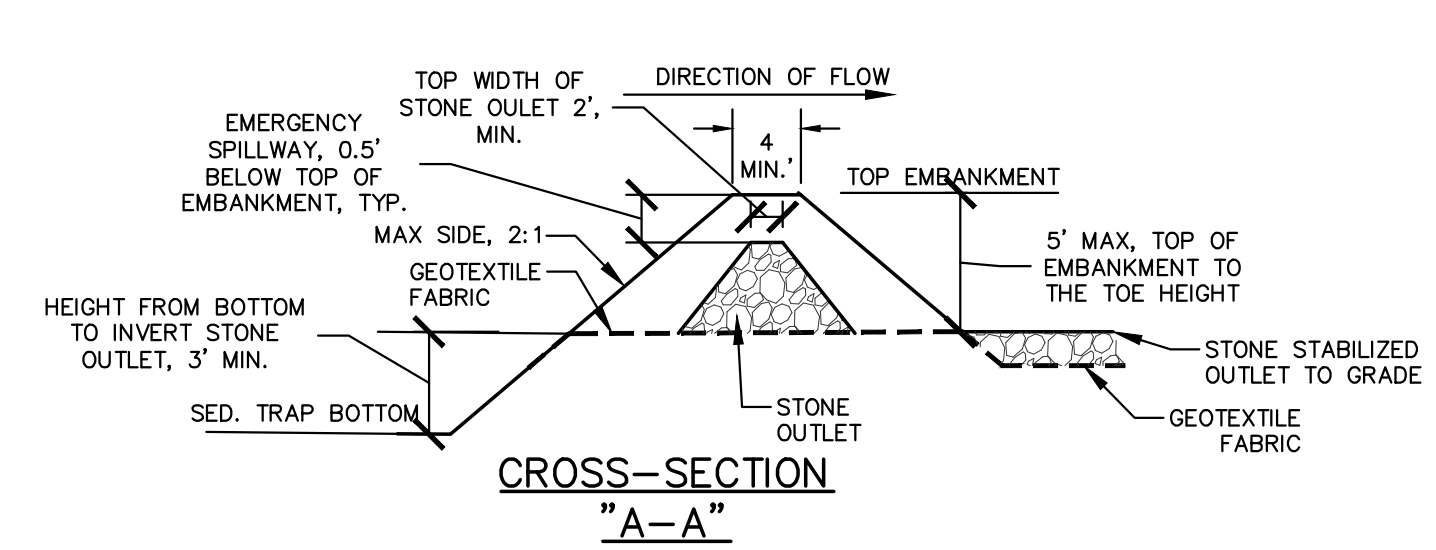
SEE TEXTURE	
COURSE (SAND, LOAMY SAND, SANDY LOAM)	$A_s = 625 \cdot A_d$
MEDIUM (LOAMS, SILT, SILTY LOAM)	$A_s = 1560 \cdot A_d$
FINE (SANDY CLAY, SILTY CLAY, SILTY CLAY LOAM, CLAY)	$A_s = 5300 \cdot A_d$

- NOTES:**
- ASSUME DRAINAGE AREA (A_d) TO NEAREST 0.1 ACRES
 - SURFACE AREA (A_s) IN SQUARE FEET

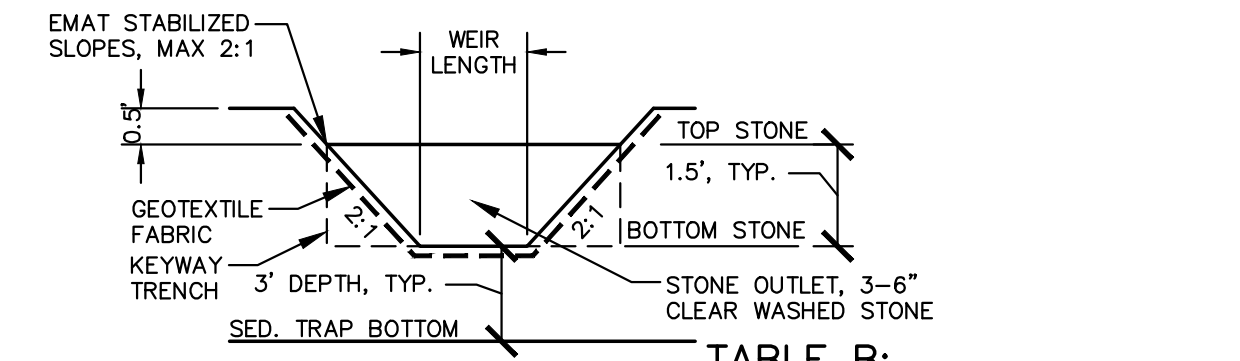


SEDIMENT TRAP

REV. 3-17-2023



CROSS-SECTION "A-A"



CROSS-SECTION "B-B"

TABLE B:

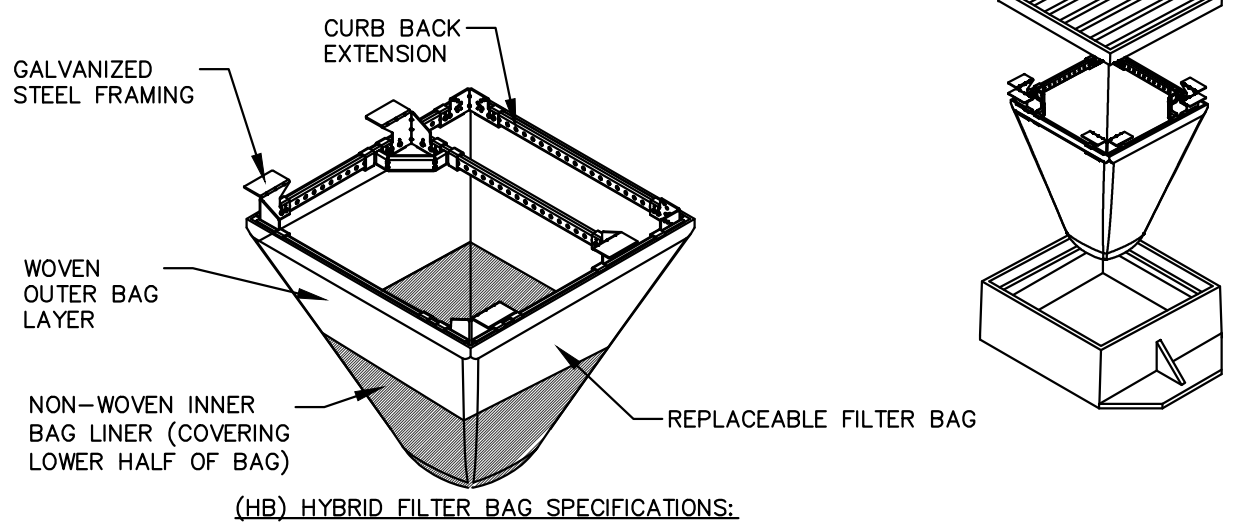
DRAINAGE AREA (A_d) (acres)	WEIR LENGTH (FT)
1	4
2	6
3	8
4	10
5	12

- NOTES:**
- REFER TO WDNR STORM WATER CONSTRUCTION TECHNICAL STANDARD NO. 1063, CURRENT EDITION FOR FURTHER DETAILS AND PROVISIONS FOR CONSTRUCTION, MAINTENANCE, AND OTHER CONSIDERATIONS

SEDIMENT TRAP

N.T.S.

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



(HB) HYBRID FILTER BAG SPECIFICATIONS:

- INSTALLATION INSTRUCTIONS:**
- REMOVE GRATE FROM THE DRAINAGE STRUCTURE
 - CLEAN STONE AND DIRT FROM LEDGE (LIP) OF DRAINAGE STRUCTURE
 - DROP THE INLET FILTER THROUGH THE CLEAR OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE
 - REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8"

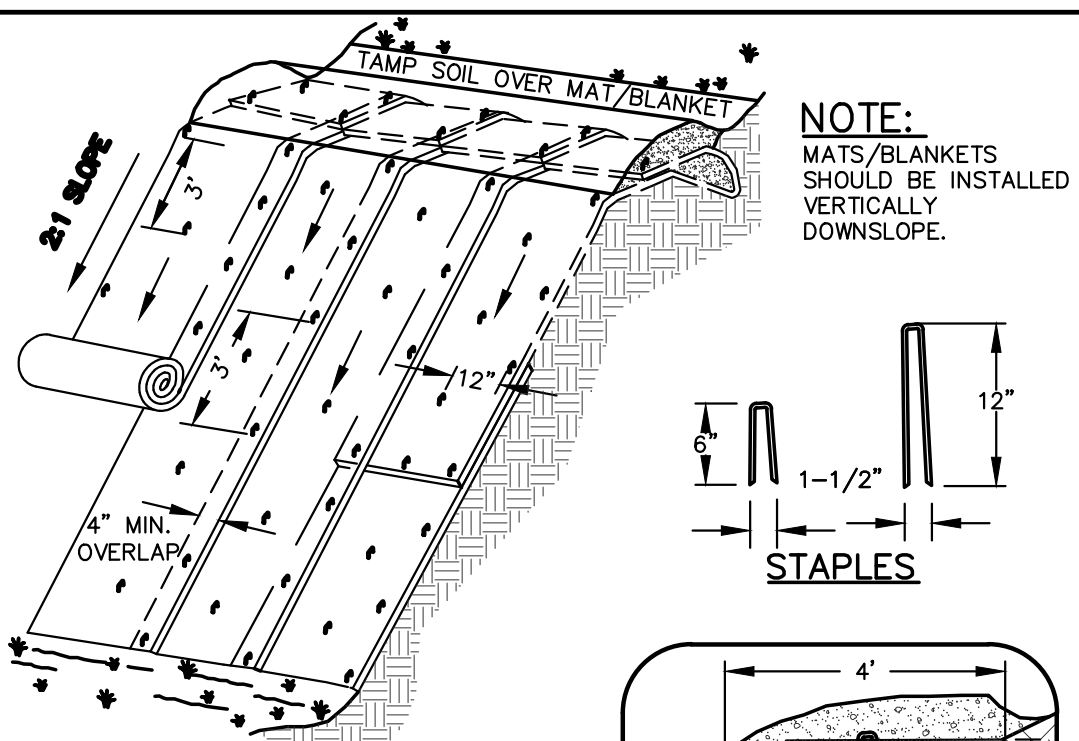
- MAINTENANCE GUIDELINES:**
- EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS
 - REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE DRAINAGE STRUCTURE.
 - DISPOSE OF SEDIMENT AND DEBRIS BY THE ENGINEERING OR MAINTENANCE CONTRACT 4. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM THE FILTER BAG

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft ³)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	82LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	82LCB3624HB
3030	Square/Rect (SQ)	23 x 18	20.5 x 13.5	1.6	0.7	2.2	82MCR2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	82LSQ3618HB
R-2501	Round (RD)	-28	-24	2.3	0.8	5.2	82MRD28HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	82MRD22HB

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)

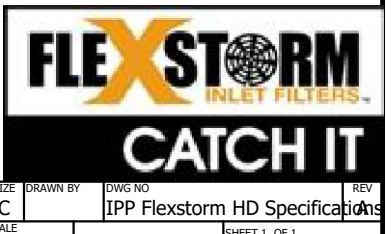
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	550 x 225 lbs	190 lbs
ELONGATION	ASTM D4632	30% x 15%	50%
TEAR PUNCTURE	ASTM D6241	1000 lbs	65 lbs
TRAPEZOIDAL TEAR	ASTM D4555	110 x 75 lbs	45 lbs
UV RESISTANCE	ASTM D4555	90%	70%
OPENING SIZE (AOS)	ASTM D4751	20 US STD SIEVE	40 US STD SIEVE
PERMEABILITY	ASTM D4491	1.5 sec ⁻¹	2.0 sec ⁻¹
WATER FLOW RATE	ASTM D4491	200 gal/min/ft ²	145 gal/min/ft ²
MINIMUM FILTER BAG VOLUME		2' CUBIC FT	



ISOMETRIC VIEW TYPICAL SLOPE SOIL STABILIZATION

GENERAL NOTES:

- EROSION MAT CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARD 1052 "NON-CHANNEL EROSION MAT".
- ONLY WisDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) APPROVED MATS SHALL BE ALLOWED. REFER TO EROSION CONTROL PLAN FOR EXACT MAT CLASSIFICATION.
- APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
- LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

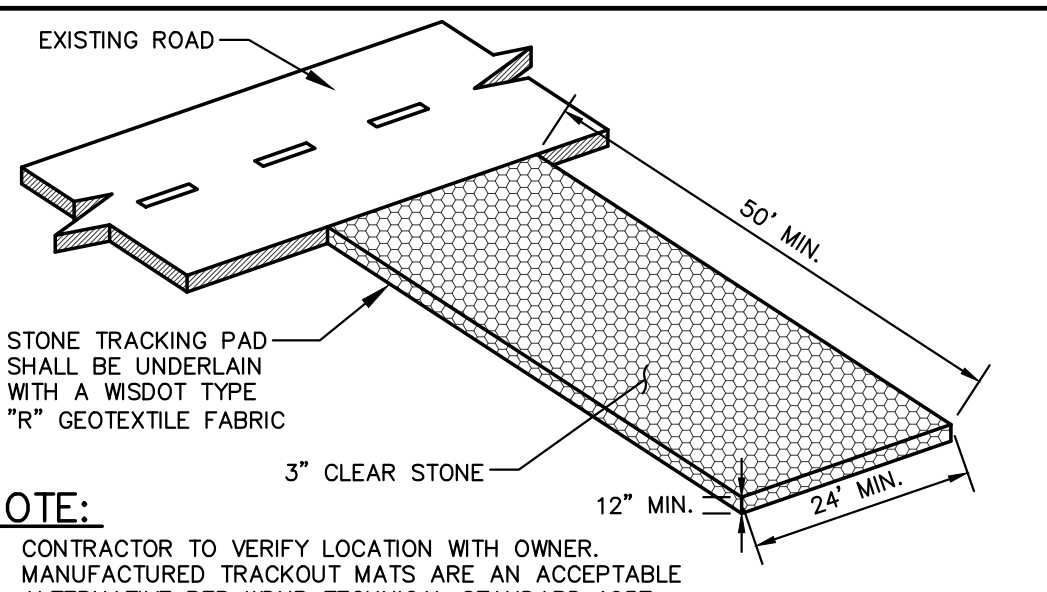


EROSION MATTING

N.T.S.

FRAMED INLET PROTECTION

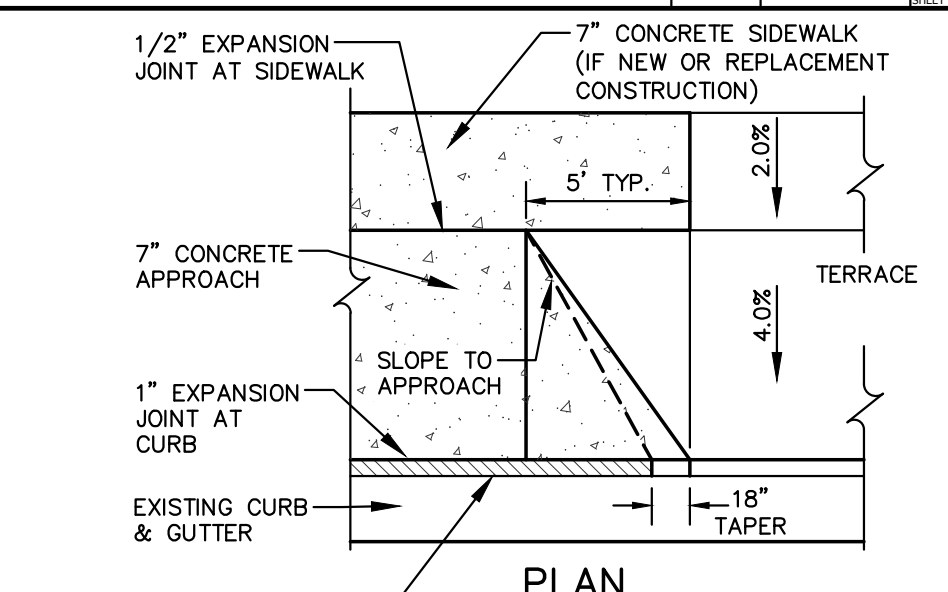
N.T.S.



- NOTE:**
- CONTRACTOR TO VERIFY LOCATION WITH OWNER.
 - MANUFACTURED TRACKOUT MATS ARE AN ACCEPTABLE ALTERNATIVE PER WDNR TECHNICAL STANDARD 1057.

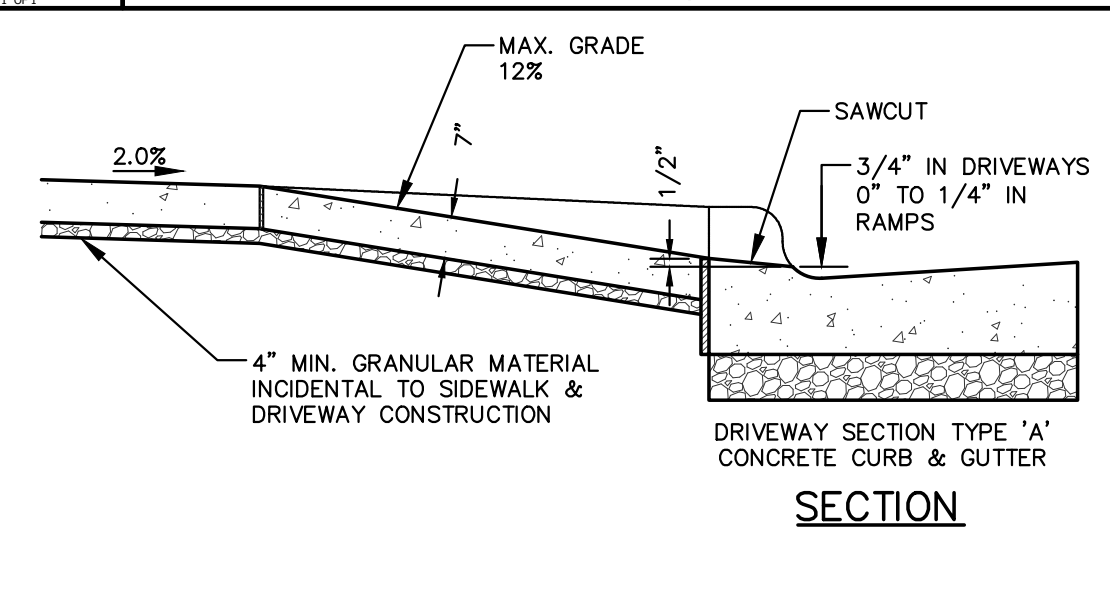
CONSTRUCTION ENTRANCE

N.T.S.



COMMERCIAL ENTRANCE

N.T.S.



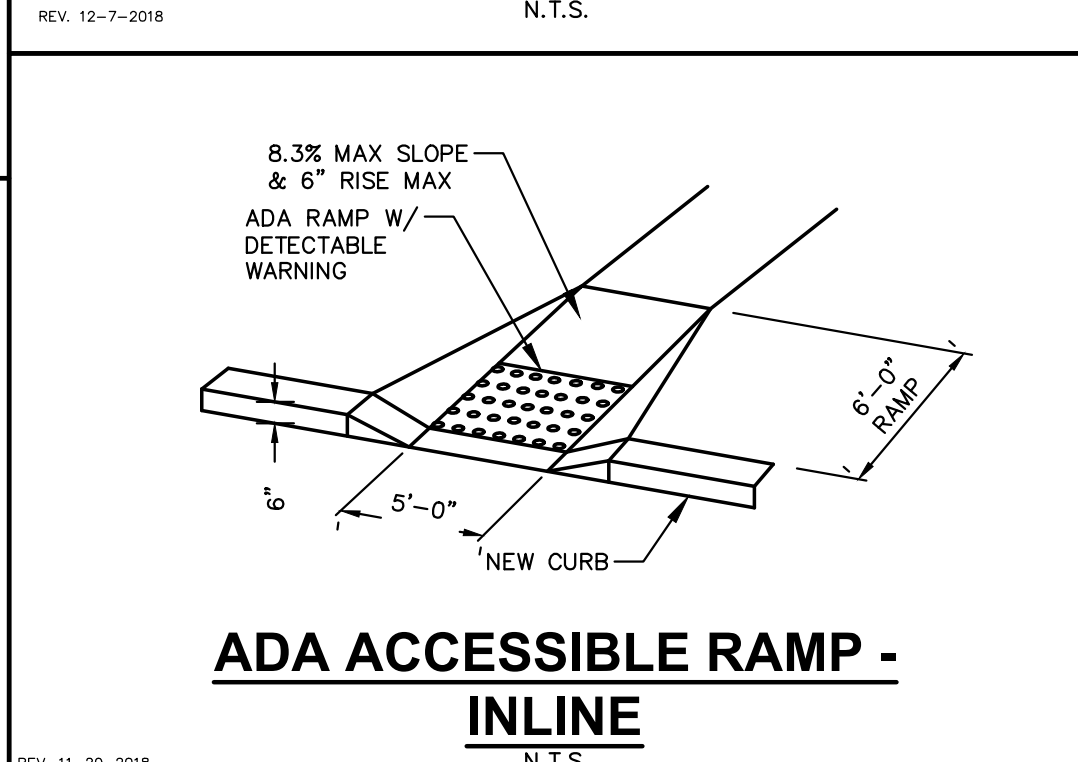
SECTION

GENERAL NOTES:

- EXCAVATE A SHALLOW TRENCH SLIGHTLY BELOW BASEFLOW OR A 4" TRENCH ON SLOPE CONTOURS.
- PLACE THE ROLL IN THE TRENCH AND ANCHOR WITH 2" x 2" POSTS PLACED ON BOTH SIDES OF THE ROLL AND SPACED LATERALLY ON 2' TO 4' CENTERS. TRIM THE TOP OF THE POSTS EVEN WITH THE EDGE OF THE ROLL, IF NECESSARY.
- NOTCH THE POSTS AND TIE TOGETHER, ACROSS THE ROLL, WITH 9 GAUGE GALVANIZED WIRE OR 1/8" DIAMETER BRAIDED NYLON ROPE.
- PLACE SOIL EXCAVATED FROM THE TRENCH BEHIND THE ROLL AND HAND TAMP. PLANT WITH SUITABLE HERBACEOUS OR WOODY VEGETATION AS SPECIFIED.

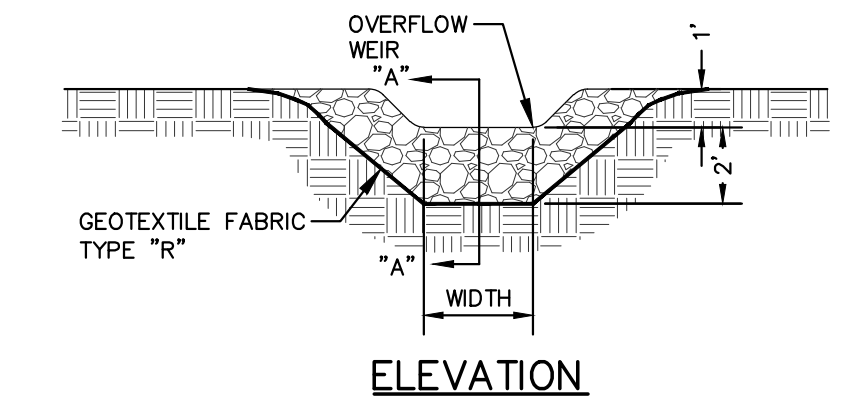
FIBER SILT SOCK

N.T.S.

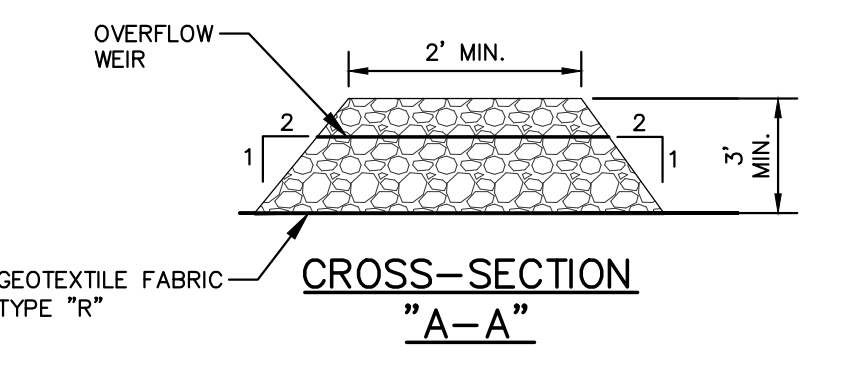


ADA ACCESSIBLE RAMP - INLINE

N.T.S.



ELEVATION



CROSS-SECTION "A-A"

GENERAL NOTES:

- STONE DITCH CHECKS SHALL BE CONSTRUCTED OF A WELL-GRADED ANGULAR STONE, A D50 OF 3 INCH DIAMETER OR GREATER, SOMETIMES REFERRED TO AS BREAKER RUN OR SHOT ROCK.
- EXTEND DITCH CHECK ACROSS CHANNEL OPENING TO MEET SWALE/DITCH SIDE SLOPES. WHERE CHANNEL IS LESS THAN 3 FEET DEEP, REDUCE WEIR HEIGHT TO 1 FOOT AND INCREASE THE TOP OF DITCH CHECK FROM 2 FEET TO 4 FEET.

STONE DITCH CHECK

N.T.S.



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MADISON REGIONAL OFFICE
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
FITCHBURG PARTNERS, LLC.

CLIENT ADDRESS:
**80 OTTAWA AVE. NW, SUITE 410
GRAND RAPIDS, MI 49503**

PROJECT:
JAMESTOWN QUARRY

PROJECT LOCATION:
**2975 KAPEC ROAD
DANE COUNTY
FITCHBURG, WI 53719**

PLAN MODIFICATIONS:

#	Date:	Description:
1	05.21.24	PRELIMINARY PLAT
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Designed By: **MSS**
Reviewed By:
Approved By: **CD**

DETAILS

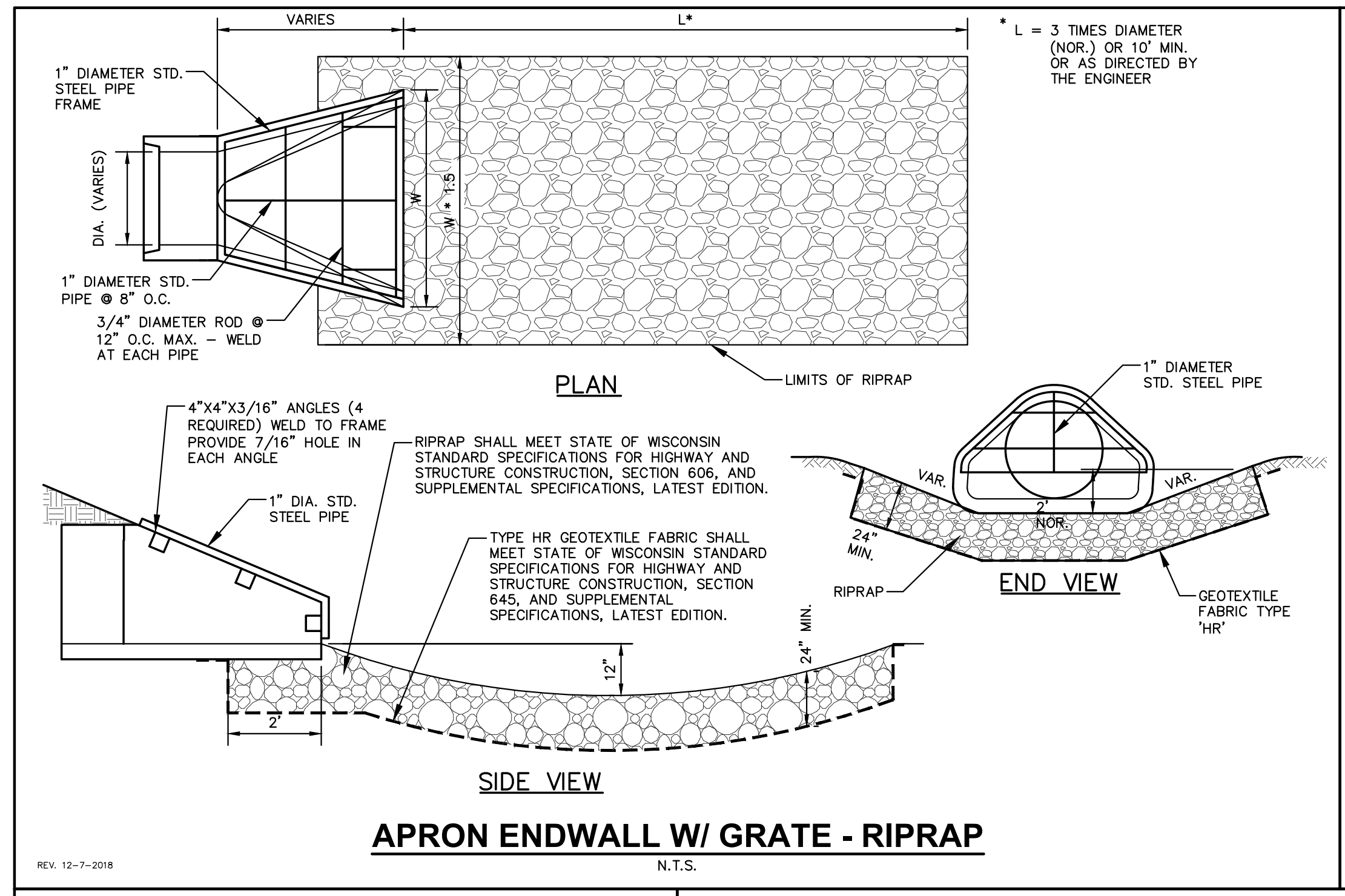
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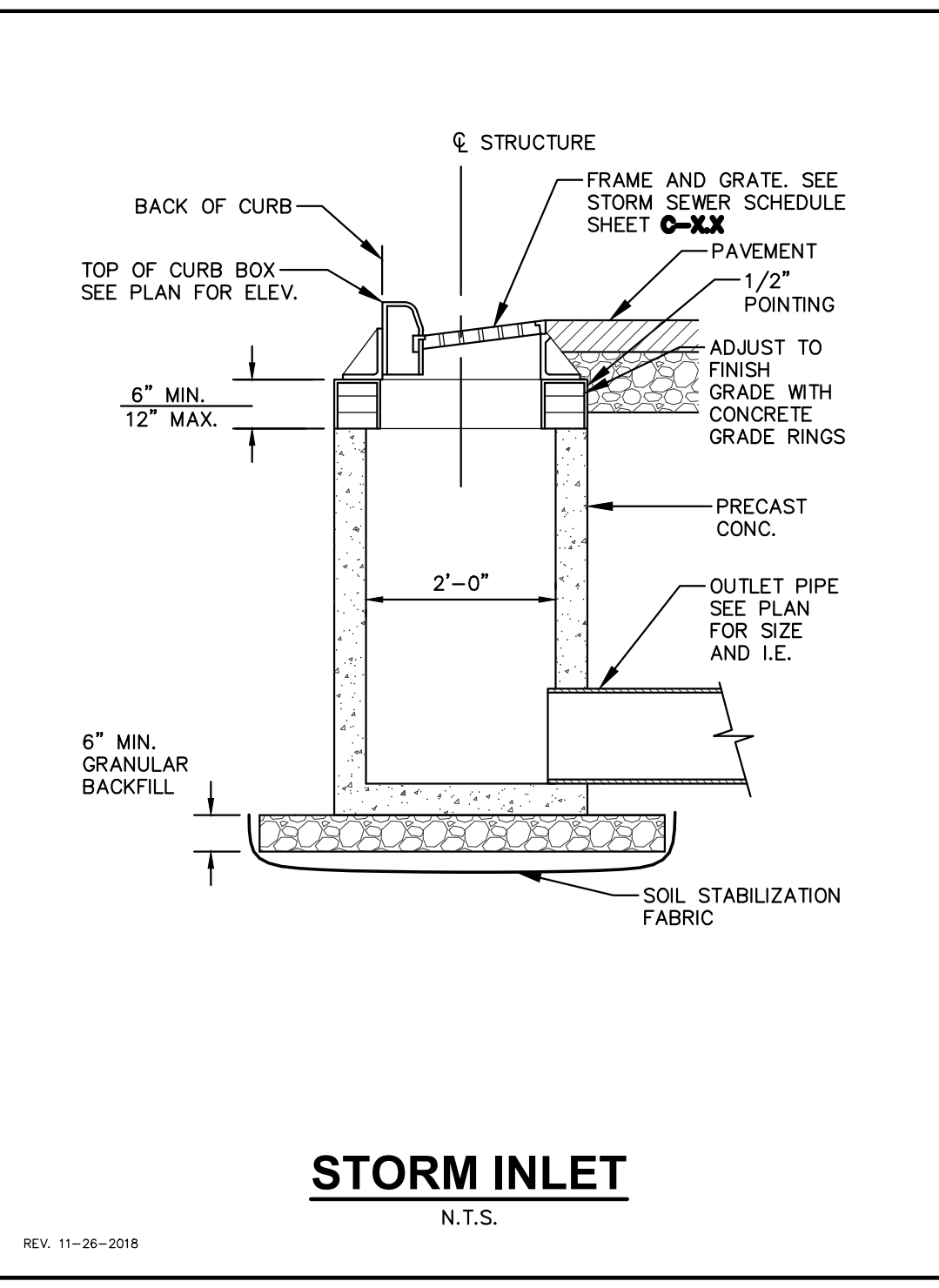
JSD PROJECT NO: 22-11636

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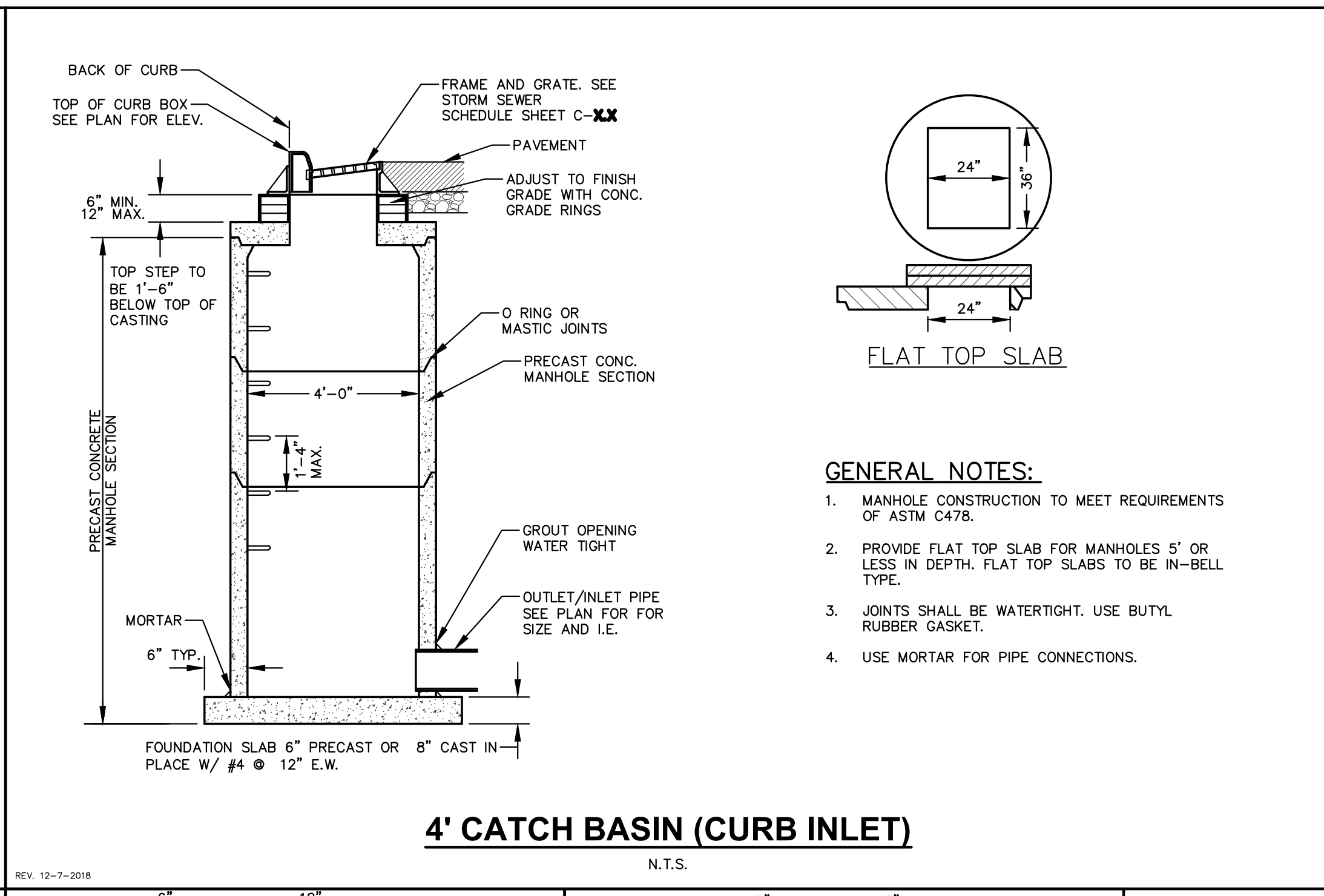
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APRON ENDWALL W/ GRATE - RIPRAP
N.T.S.

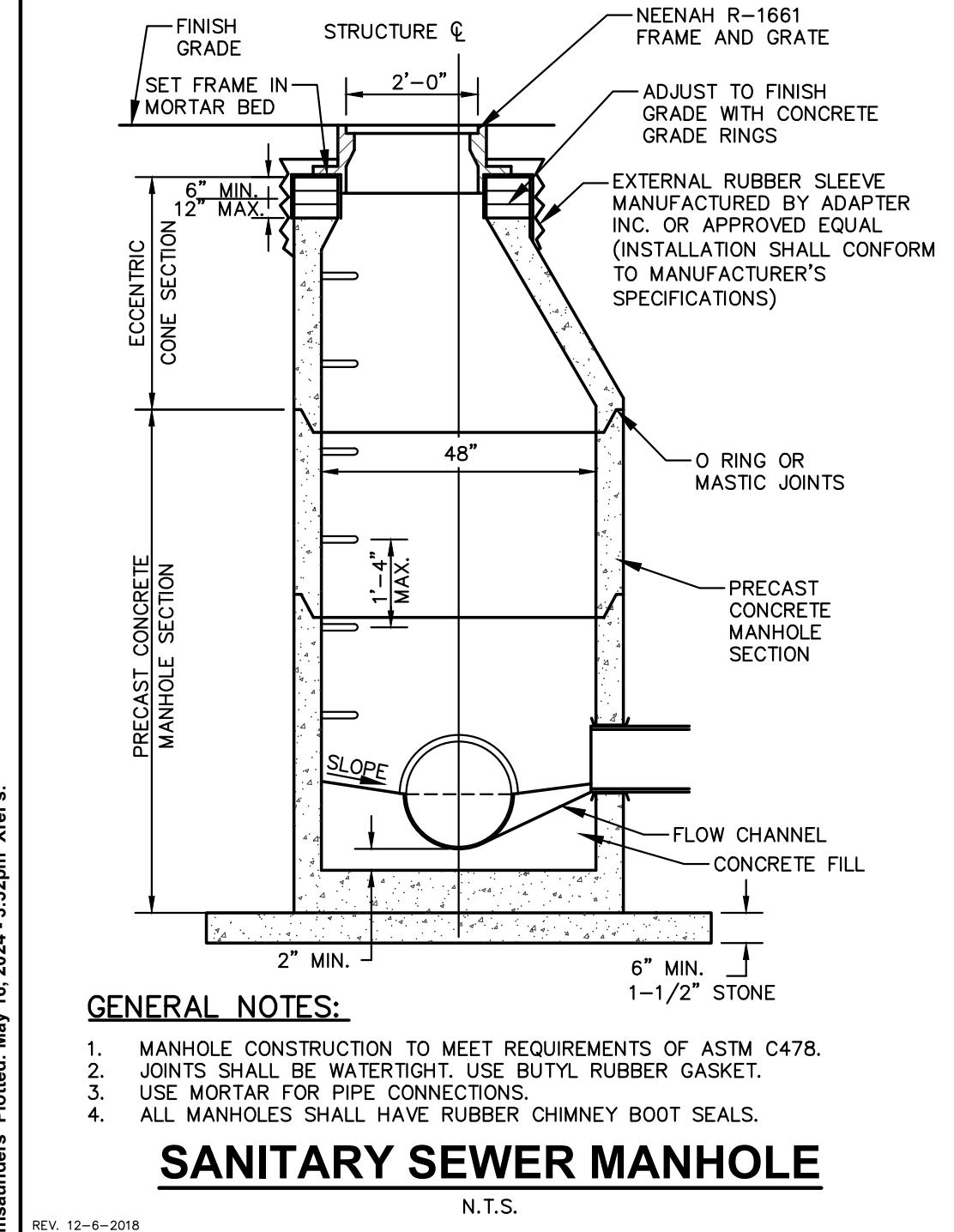


STORM INLET
N.T.S.

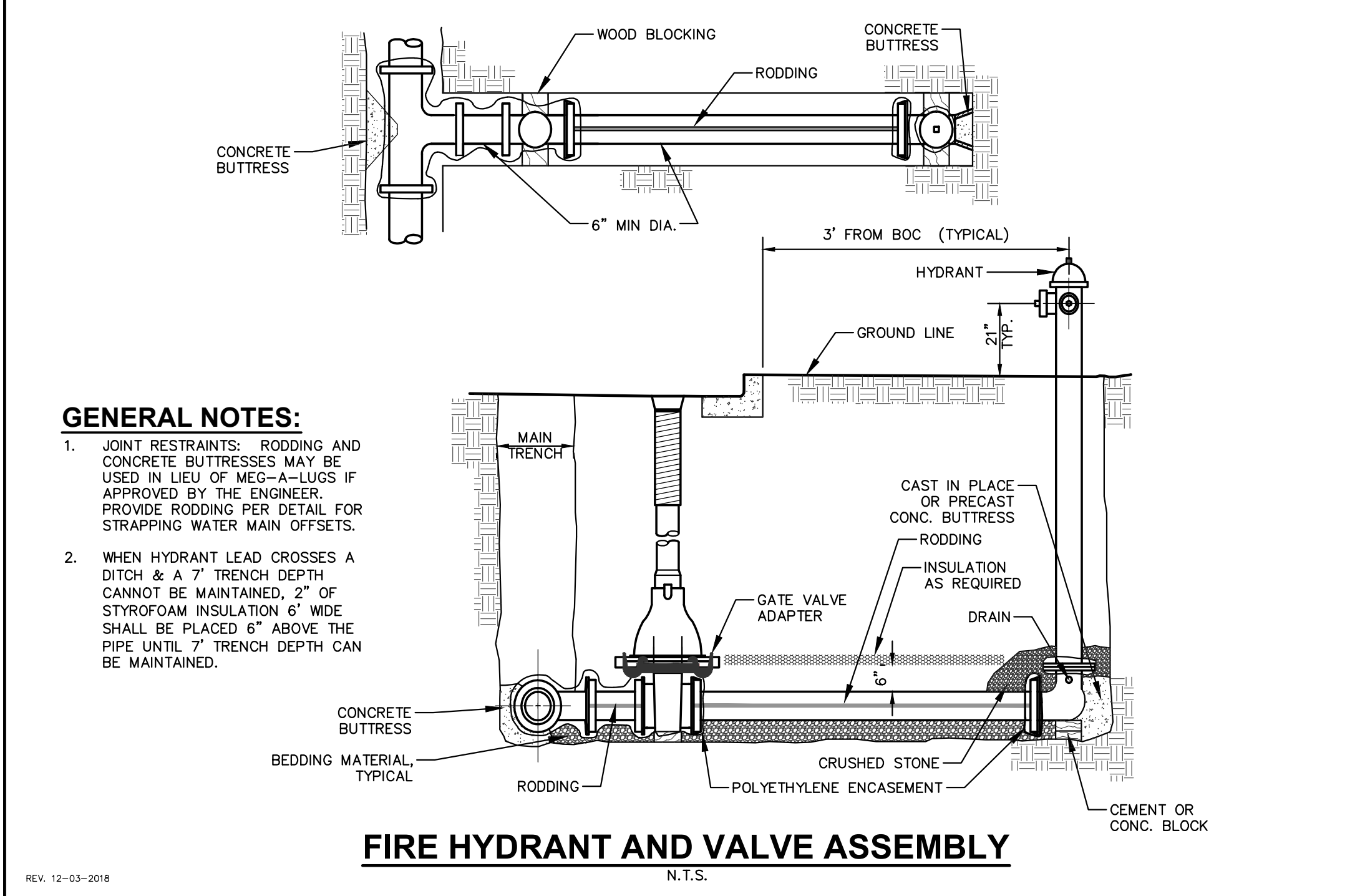


4' CATCH BASIN (CURB INLET)
N.T.S.

- GENERAL NOTES:**
1. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
 2. PROVIDE FLAT TOP SLAB FOR MANHOLES 5' OR LESS IN DEPTH. FLAT TOP SLABS TO BE IN-BELL TYPE.
 3. JOINTS SHALL BE WATERTIGHT. USE BUTYL RUBBER GASKET.
 4. USE MORTAR FOR PIPE CONNECTIONS.

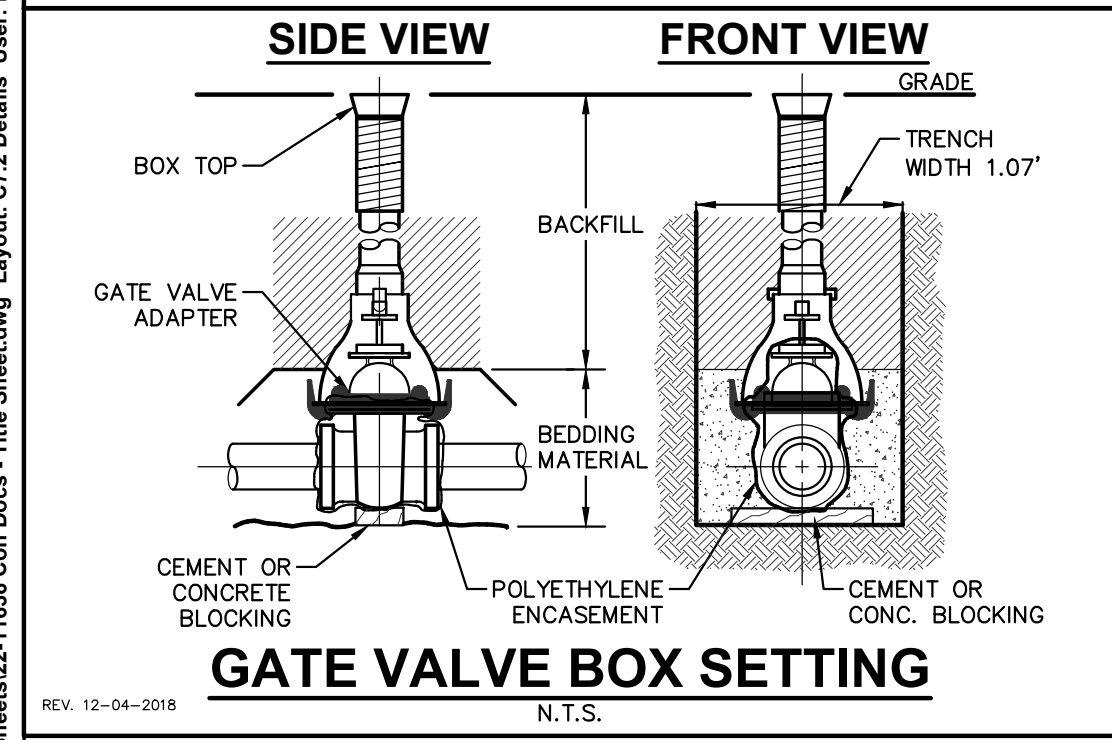


SANITARY SEWER MANHOLE
N.T.S.

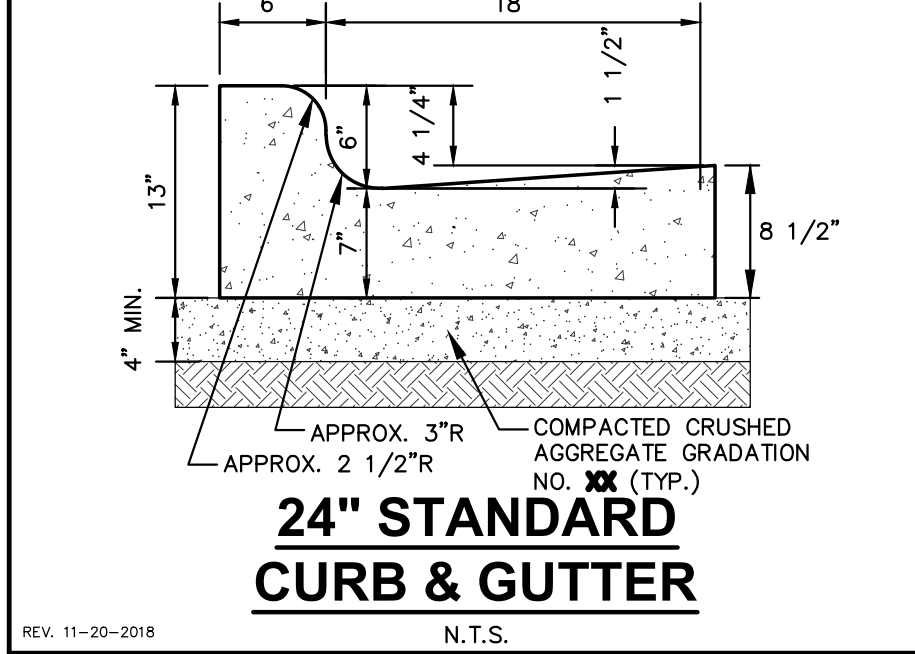


FIRE HYDRANT AND VALVE ASSEMBLY
N.T.S.

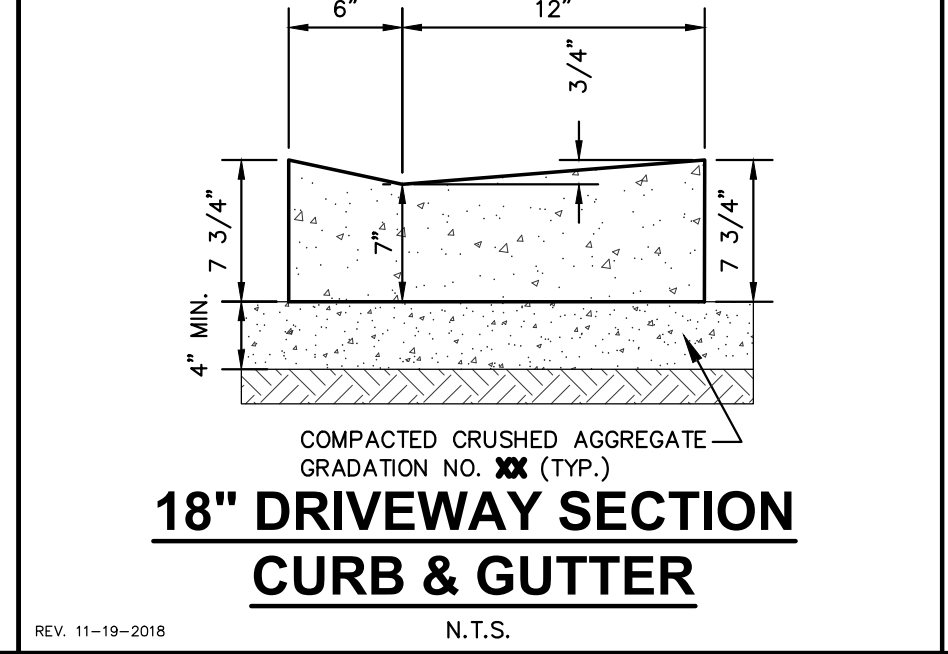
- GENERAL NOTES:**
1. JOINT RESTRAINTS: RODDING AND CONCRETE BUTTRESSES MAY BE USED IN LIEU OF MEG-A-LUGS IF APPROVED BY THE ENGINEER. PROVIDE RODDING PER DETAIL FOR STRAPPING WATER MAIN OFFSETS.
 2. WHEN HYDRANT LEAD CROSSES A DITCH & A 7' TRENCH DEPTH CANNOT BE MAINTAINED, 2" OF STYROFOAM INSULATION 6" WIDE SHALL BE PLACED 6" ABOVE THE PIPE UNTIL 7' TRENCH DEPTH CAN BE MAINTAINED.



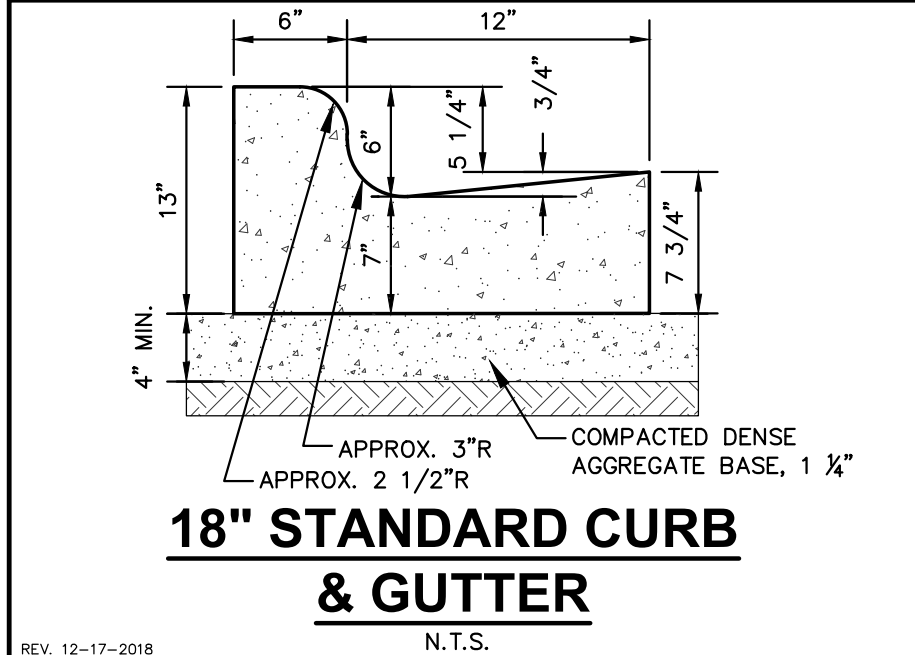
GATE VALVE BOX SETTING
N.T.S.



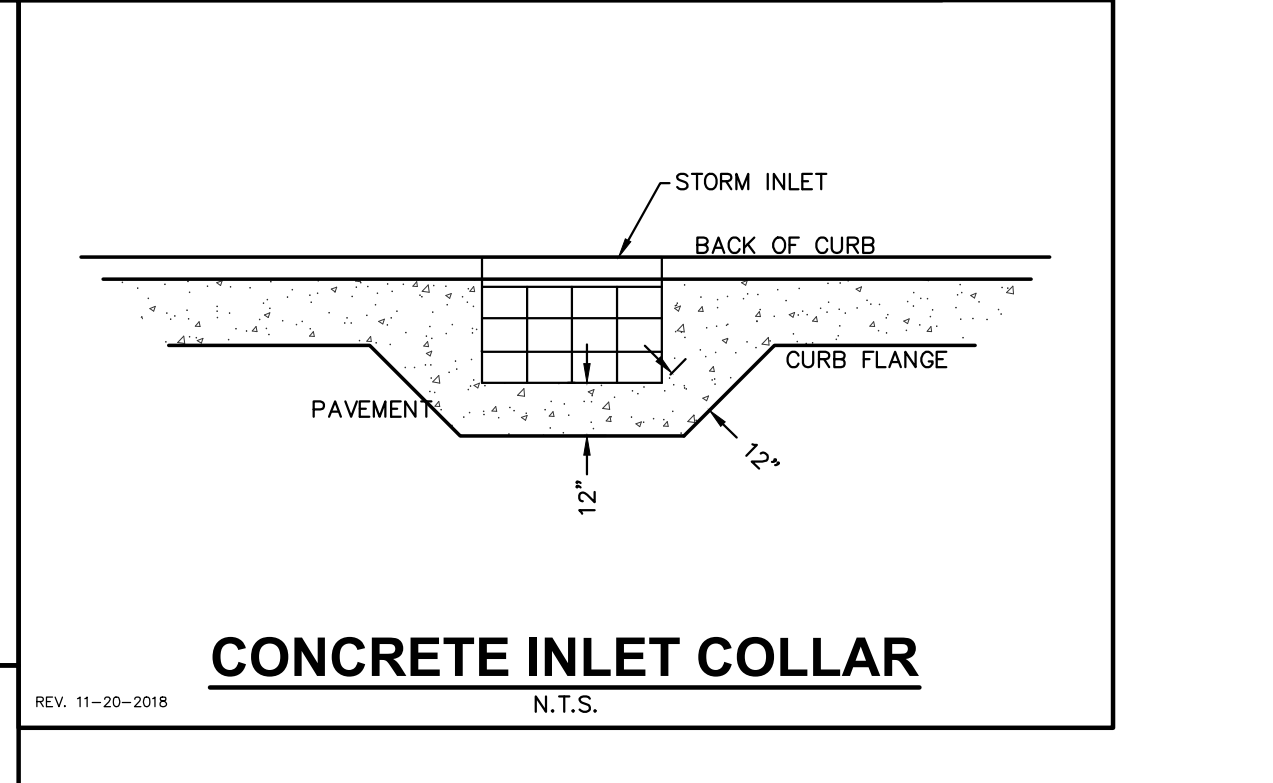
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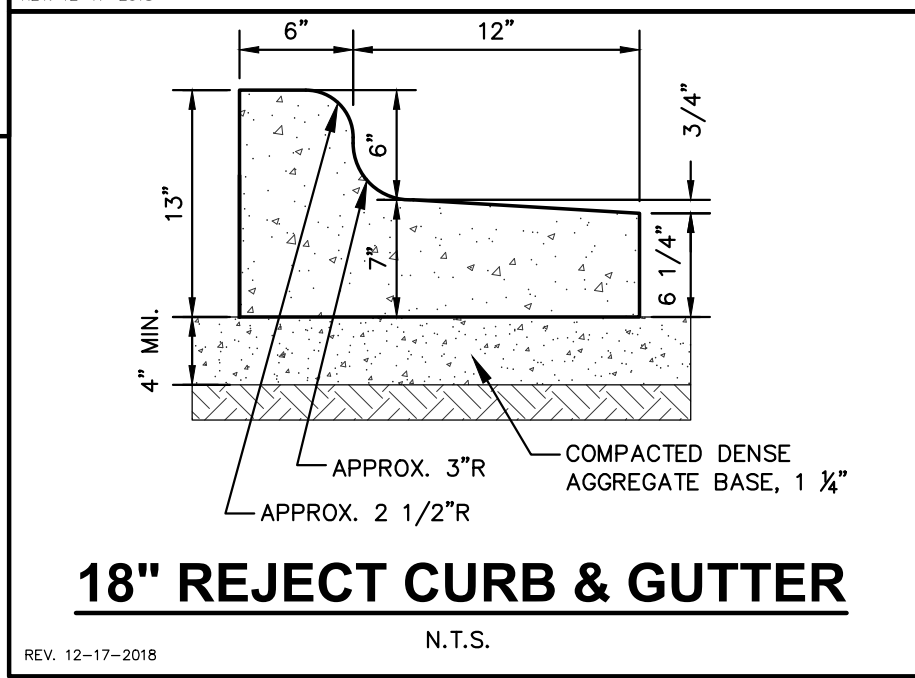
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CONCRETE INLET COLLAR
N.T.S.



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Designed By: **MSS**
Reviewed By:
Approved By: **CD**

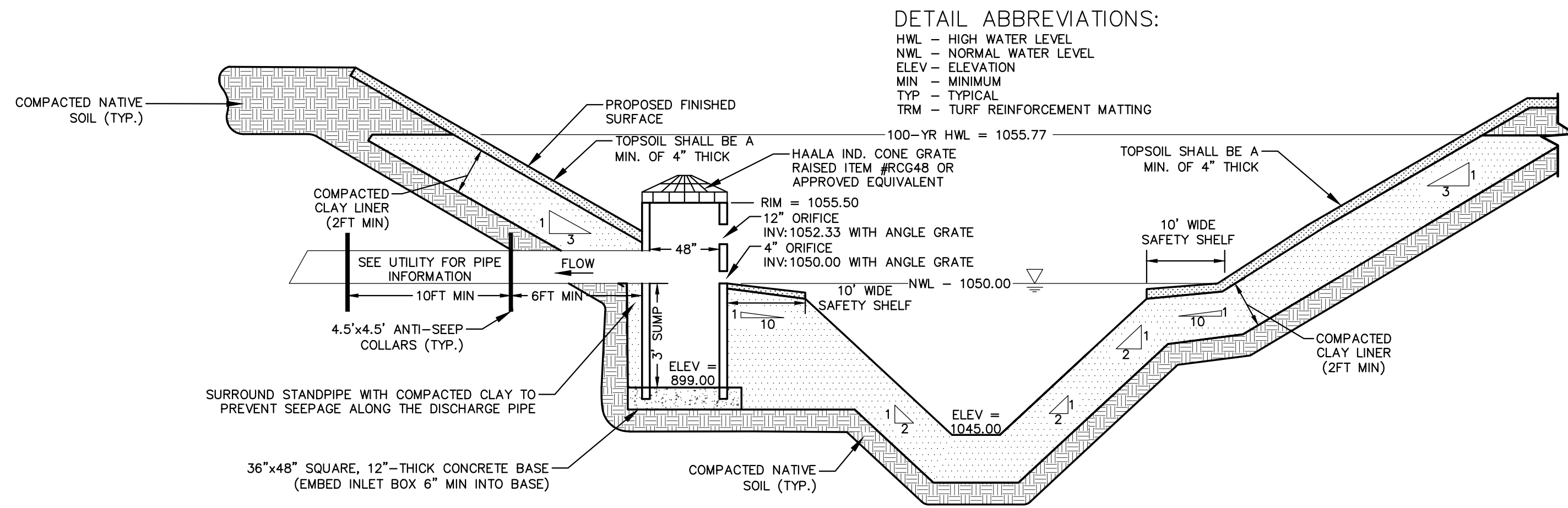
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JSD PROJECT NO: 22-11636

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DETAIL ABBREVIATIONS:

- HWL - HIGH WATER LEVEL
- NWL - NORMAL WATER LEVEL
- ELEV - ELEVATION
- MIN - MINIMUM
- TYP - TYPICAL
- TRM - TURF REINFORCEMENT MATTING

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL MEET THE SPECIFICATIONS OF "WDNR WET DETENTION BASIN TECHNICAL STANDARD 1001".
2. ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH THE STORM WATER MANAGEMENT PLAN FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER OF RECORD.
3. OWNER OR CONTRACTOR MUST CONSULT LANDSCAPE ARCHITECT OR ECOLOGICAL PLANNING AGENCY FOR APPROPRIATE PLANTS AND PLANTING CONFIGURATIONS.
4. CLAY LINER SHALL BE A MINIMUM OF 2-FEET THICK. CLAY SHALL BE COMPACTED AT ±2.0% OPTIMAL MOISTURE CONTENT TO 90% MODIFIED PROCTOR. MEDIUM STIFF TO STIFF CLAYS PRESENT IN PLACE AT THE POND SIDE SLOPES OR BOTTOM OR OTHER ONSITE MEDIUM STIFF TO STIFF CLAYS MAY BE USED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER OF RECORD.
5. FOR CONSTRUCTED EMBANKMENTS WHERE THE PERMANENT POOL IS PONDED 3-FEET OR MORE AGAINST THE EMBANKMENT, THERE SHALL BE A CORE TRENCH OR KEYWAY ALONG THE CENTERLINE OF THE EMBANKMENT UP TO THE PERMANENT POOL ELEVATION. THE CORE TRENCH OR KEYWAY SHALL BE A MINIMUM OF 2-FEET DEEP AND 8-FEET WIDE WITH A SIDE SLOPE OF 1:1 OR FLATTER.
6. CONTRACTOR SHALL POSITION ANTI-SEEP COLLAR SUCH THAT THE COLLARS ARE COMPLETELY CONTAINED WITHIN EMBANKMENT.
7. CONTRACTOR SHALL FIT STANDPIPE WITH REMOVABLE CONSTRUCTION ORIFICE PLATE OVER THE PERMANENT DEWATERING ORIFICE. THE CONSTRUCTION ORIFICE SHALL REMAIN IN PLACE UNTIL 70% VEGETATION IS ESTABLISHED OVER THE CONTRIBUTING AREA OF THE POND.
8. IMMEDIATELY INSTALL FILTER FABRIC OVER ALL OUTLETS TO PREVENT SEDIMENT DEPOSITION IN THE PIPING. (REMOVE FOLLOWING CONTRIBUTING AREA STABILIZATION)
9. THE TRASH GRATE OVER THE PERMANENT DEWATERING ORIFICE SHALL BE ADDED FOLLOWING REMOVAL OF THE CONSTRUCTION ORIFICE.

NOTE:

THE STORMWATER MANAGEMENT FEATURES CONTAINED WITHIN THIS PLAN SET HAVE BEEN DESIGNED IN ACCORDANCE WITH APPLICABLE STANDARDS SET FORTH IN WISCONSIN DNR NR151 AND LOCAL ORDINANCES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER CONSTRUCTION PRACTICES HAVE BEEN UTILIZED AND THAT STORMWATER MANAGEMENT FEATURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH APPROVED DESIGN PLANS. JSD PROFESSIONAL SERVICES, INC. (JSD) SHALL NOT BE LIABLE FOR ANY CONSTRUCTION PRACTICES OR INSTALLATION WHICH DEVIATES FROM THE APPROVED PLAN SET. ONCE THE OWNER HAS PROVIDED FINAL APPROVAL TO THE WORK PERFORMED BY THE CONTRACTOR AND ENSURED COMPLIANCE WITH THE PLAN, IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN STORMWATER MANAGEMENT FEATURES IN ACCORDANCE WITH THE RECORDED MAINTENANCE AGREEMENT. PROPER OPERATION IS DEPENDENT ON A MULTITUDE OF VARIABLES INCLUDING WEATHER. THESE COMPONENTS REQUIRE ONGOING MAINTENANCE FOR WHICH THE OWNER IS RESPONSIBLE. JSD TAKES NO RESPONSIBILITY FOR PROPER OPERATION OF THE WATER QUALITY COMPONENTS.

WET BASIN CROSS SECTION

N.T.S.

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Approved By: CD

SHEET TITLE:
DETAILS

SHEET NUMBER:

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