



ALPENA COUNTY DRAIN COMMISSIONER
MINUTES OF PUBLIC HEARING TO REVIEW
SPECIAL ASSESSMENT ROLL AND PROJECT COSTS

NAME OF LAKE: Beaver Lake

DATE/TIME: Tuesday, December 6, 2022 at 9:00AM

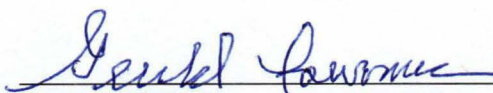
LOCATION: Alpena County Building
720 W Chisholm Street
Alpena, MI 49707
Zoom Also Was Available

The Alpena County Drain Commissioner held a Public Hearing to Review Special Assessment Roll and Project Costs for the Beaver Lake – Lake Level District on the above date to make available for review project costs and a special assessment roll for the Beaver Lake – Lake Level District. A list of the property owners appearing at the hearing and all written correspondence related to the hearing are maintained by the Drain Commissioner.

Following the review of the project costs and special assessment roll, and hearing all public comment, the Alpena County Drain Commissioner approved the special assessment roll and computation of costs for the Beaver Lake – Lake Level District with any amendments to such documents from the hearing reflected in the attachments and a summary of amendments to the proposed assessment roll is outlined below after researching and addressing property owner concerns discussed at the public hearing.

PID	Owner Name	Change	Reason for Change
054-040-000-030-00	RAMBERG MARGARET	Assessable factor changed from 1 to 0	Parcel is an easement for other lots. Parcel is exempt from other taxes per conversation with Assessor. Property cannot be developed
054-075-000-334-00	KELLEY ROBERT H	Removed from Roll	Parcel was combined into 332-02. This was confirmed by the assessor
054-075-000-332-01	KELLEY ROBERT H	Removed from Roll	Parcel was combined into 332-02. This was confirmed by the assessor
054-075-000-332-02	KELLEY ROBERT H	Added to Roll	Same owner and information, just updated to include new PID

Dated: 12-12-22, 2022


Gerald Fournier
Alpena County Drain Commissioner
on behalf of the Beaver Lake – Lake Level District

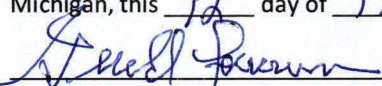


**ALPENA COUNTY DRAIN COMMISSIONER
COMPUTATION OF COST
BEAVER LAKE - LAKE LEVEL CONTROL STRUCTURE
December 6, 2022 Special Assessment Hearing**

Be It Known, that Gerald Fournier, Drain Commissioner, County of Alpena, State of Michigan, in accordance with the statute in such case, made the following computation of the entire cost of said lake level, to-wit:

1 Expense of Maintenance and Improvement of the Lake Level Structure	
Permitting	\$663.00
Preliminary Design	\$45,676.50
Soil Boring	\$6,525.00
Surveying	\$6,139.25
Final Design, Easement Preparation and Bidding	\$15,000.00
2 Establishment of Special Assessment District	
Establishment of Special Assessment District and Legal Lake Level	\$14,500.00
Preparation of Assessment Roll and Levying Assessments	\$13,000.00
3 Land and Property Acquisition	
Easement Cost	\$2,900.00
4 Cost of Construction	\$299,590.00
5 Estimated Cost of Appeal (in case apportionments are not sustained)	\$6,500.00
6 Estimated Cost of Inspection	
Construction Administration and Staking	\$20,000.00
Construction Inspection and Testing	\$15,360.00
7 Cost of Mailing, Publishing Notices and Administration	\$1,300.00
8 Circuit Court Judge Fees	\$175.00
9 Legal Fees	
Lake Level Attorney	\$25,500.00
Financing Attorney	\$7,500.00
10 Note & Bond Issuance Costs	
Financial Advisor	\$7,500.00
Municipal Advisory Council of Michigan (2022 issue)	\$400.00
Michigan Department of Treasury Filing	\$222.00
11 First Year Bond Interest	\$29,500.00
Gross Sum of Expenses	<u>\$517,950.75</u>
 <i>Contingent Expenses (±15%)</i>	 \$77,049.25
Total Cost of Construction of Beaver Lake - Lake Level Control Structure	<u>\$595,000.00</u>

Filed in my office with other papers pertaining to the within mentioned lake level. Dated at Alpena, this 12 day of 12, 2022.


Gerald Fournier, Alpena County Drain Commissioner

Beaver Lake - Lake Level Control Structure
2022 Assessment Roll (Revised following 12/6/22 SAD Hearing)

PROJECT COST BREAKDOWN		
Total Project Cost (Estimated)		\$ 595,000.00
Project Costs Assessed to District	100.00%	\$ 595,000.00
TOTAL	100.00%	\$ 595,000.00

INTEREST FOR YEARLY PAYMENT ESTIMATES	
Estimated Interest Rate:	5.00%
Years of Assessment:	10

Landowner Contribution Breakdown	
Base Assessment Factor	70.00%
Frontage Factor	29.00%
Public Recreational Use Factor	1.00%
Total	100.00%

ASSESSABLE FACTOR	
CODE	Lot Factor Coefficient
0	0.00
1	1.00
Zero benefit Parcel or Exempt Parcel with Benefit	
# of parcels with zero benefit	1
# of parcels with benefit	454
Total Parcels	455

LANDOWNER BASE ASSESSMENT - FACTOR	
CODE	Lot Factor Coefficient
2	0.33
22	0.20
1	1.00
11	0.33
Back Lot Parcel - First Parcel Back Lot Parcel - Additional Parcel Front Lot Parcel - First Parcel Front Lot Parcel - Additional Parcel	
# of Front Lot Parcels with full Base Benefit	238
# of Front Lot Parcels with partial base benefit	30
# of Backlot Parcels with full Base Benefit	87
# of Backlot Parcels with partial base benefit	100
# of parcels with zero benefit	0
Total Parcels	455
Total Base Assessment	\$416,500
Total Base Apportionment %	70.0%

LANDOWNER - PARCEL FRONTAGE FACTOR			
RANGE CODE	RANGE MINIMUM (ft)	RANGE MAXIMUM (ft)	WEIGHTING FACTOR
1	0	300	1.00
2	300	5,000	0.75
# of parcels with frontage less than or equal to 300 feet			
# of parcels with frontage greater than 300 feet			
# of backlots			
Total Parcels			
Total Weighted Frontage Assessment			
Total Apportionment % Based on Weighted Frontage			

PUBLIC RECREATIONAL USE - FACTOR	
CODE	Factor
1	1.00
# of public recreational use parcels	
# of non-public recreational use parcels	
Total Parcels	
Total Public Recreational Use Assessment	
Total Apportionment % for Public Recreational Use	

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Code	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Apportionment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT
025-080-000-161-00	ADDELIA BENNY ET AL	1	1	1.00	0.23600%	38	1	38	0	38	0.04454%	0	0.00000%	0.28054%	\$1,669.24	\$216.17
025-080-000-162-00	ADDELIA BENNY ET AL	1	11	0.33	0.07788%	65	1	65	0	65	0.07641%	0	0.00000%	0.15429%	\$918.01	\$118.89
025-080-000-176-00	ADDELIA WILLIAM & BENEDETTO	1	1	1.00	0.23600%	58	1	58	0	58	0.06716%	0	0.00000%	0.30316%	\$1,803.80	\$233.60
025-080-000-177-00	ADDELIA WILLIAM J ET UX	1	1	1.00	0.23600%	52	1	52	0	52	0.06107%	0	0.00000%	0.29707%	\$1,767.50	\$228.91
054-020-000-004-00	AHLERSMEYER DAVID L ET UX	1	1	1.00	0.23600%	68	1	68	0	68	0.07951%	0	0.00000%	0.31551%	\$1,877.30	\$243.12
021-035-000-059-00	AIKEN FREDERICK J & LYNETTE R	1	1	1.00	0.23600%	63	1	63	0	63	0.07380%	0	0.00000%	0.30960%	\$1,842.10	\$238.56
054-040-000-032-00	ALLIS JEANETTE TRUST	1	1	1.00	0.23600%	49	1	49	0	49	0.05747%	0	0.00000%	0.29347%	\$1,746.15	\$226.13
051-002-000-755-02	ALPENA COUNTY BEAVER LAKE PARK	1	1	1.00	0.23600%	538	2	300	238	478	0.55828%	1	1.00000%	1.79428%	\$10,675.95	\$1,382.58
054-040-000-005-00	ALPENA RESIDENTIAL RENTALS LLC	1	11	0.33	0.07788%	49	1	49	0	49	0.05704%	0	0.00000%	0.13492%	\$802.80	\$103.97
054-020-000-003-00	AMLOTTE MARK A & LAURIE	1	1	1.00	0.23600%	70	1	70	0	70	0.08156%	0	0.00000%	0.31756%	\$1,889.45	\$244.69
054-040-000-009-00	AMRICH JAMES & DIANNE ET AL	1	1	1.00	0.23600%	49	1	49	0	49	0.05689%	0	0.00000%	0.29289%	\$1,742.57	\$225.68
054-020-000-014-00	ANDERSON MICHAEL	1	1	1.00	0.23600%	95	1	95	0	95	0.11094%	0	0.00000%	0.34694%	\$2,054.26	\$267.33
025-081-000-144-00	BARBIERI CHARLES & PENNY TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-205-00	BARBIERI CHARLES J & PENNY	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-136-00	BARBIERI CHARLES J & PENNY A	1	1	1.00	0.23600%	56	1	56	0	56	0.06574%	0	0.00000%	0.30174%	\$1,795.37	\$232.51
025-080-000-137-00	BARBIERI CHARLES J & PENNY A	1	11	0.33	0.07788%	69	1	69	0	69	0.08011%	0	0.00000%	0.15799%	\$940.05	\$121.74
025-080-000-204-00	BARBIERI CHARLES J & PENNY A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-142-00	BARBIERI CHARLES J & PENNY A	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-143-00	BARBIERI CHARLES J & PENNY A	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-040-000-026-00	BARKSDALE MARTIN A	1	1	1.00	0.23600%	54	1	54	0	54	0.06281%	0	0.00000%	0.29881%	\$1,777.92	\$230.25
025-081-000-248-01	BAUMGARTEL ROBERT & REBECCA	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-121-00	BAUMGARTEL ROBERT & REBECCA	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-122-00	BAUMGARTEL ROBERT & REBECCA	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-147-00	BAUMGARTEL ROBERT D & REBECCA	1	1	1.00	0.23600%	66	1	66	0	66	0.07733%	0	0.00000%	0.31333%	\$1,864.31	\$241.44
025-081-000-247-00	BAUMGARTEL ROBERT SR & REBECCA	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
051-011-000-351-07	BELANGER JAMES B & HEATHER N	1	1	1.00	0.23600%	107	1	107	0	107	0.12463%	0	0.00000%	0.34693%	\$2,147.52	\$278.11
025-080-000-166-00	BENSON NICHOLAS	1	1	1.00	0.23600%	61	1	61	0	61	0.07073%	0	0.00000%	0.30673%	\$1,825.03	\$236.35
025-080-000-109-00	BERGESKI ROBERT & JUDITH HW	1	1	1.00	0.23600%	65	1	65	0	65	0.07574%	0	0.00000%	0.31174%	\$1,854.88	\$240.21
054-040-000-004-00	BESAW CYNTHIA J & ROBERT J	1	1	1.00	0.23600%	50	1	50	0	50	0.05691%	0	0.00000%	0.29491%	\$1,754.72	\$227.24
054-075-000-290-00	BIDOCZKA CASIMIR W ET UX	1	1	1.00	0.23600%	58	1	58	0	58	0.06810%	0	0.00000%	0.30410%	\$1,809.39	\$234.32
054-075-000-291-00	BIDOCZKA CASIMIR W ET UX	1	11	0.33	0.07788%	65	1	65	0	65	0.07547%	0	0.00000%	0.15335%	\$912.42	\$118.16
021-035-000-075-00	BISHOP ROBERT D & PAMULA K	1	1	1.00	0.23600%	50	1	50	0	50	0.05846%	0	0.00000%	0.29446%	\$1,752.02	\$228.89

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Code	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Apportionment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT
021-035-000-073-00	BISHOP ROBERT D & PAMULA K	1	11	0.33	0.07788%	50	1	50	0	50	0.05887%	0	0.00000%	0.13675%	\$813.67	\$105.37
051-002-000-593-00	BLOING CAROL	1	1	1.00	0.23600%	54	1	54	0	54	0.06313%	0	0.00000%	0.20913%	\$1,779.82	\$230.49
051-002-000-591-00	BLOING CAROL	1	11	0.33	0.07788%	64	1	64	0	64	0.075900%	0	0.00000%	0.15288%	\$959.61	\$117.80
051-013-000-101-00	BLR LLC	1	11	0.33	0.07788%	2,161	2	300	1,861	1,696	1.07883%	0	0.00000%	2.05671%	\$1,237.43	\$1,584.90
051-011-000-351-01	BLR LLC	1	11	0.33	0.07788%	1,552	2	300	1,252	1,239	1.44577%	0	0.00000%	1.52365%	\$9,065.71	\$1,174.05
051-011-000-301-04	BLR LLC	1	1	1.00	0.23600%	586	2	300	286	515	0.80042%	0	0.00000%	0.83642%	\$4,976.68	\$644.50
051-003-000-201-00	BLR LLC	1	11	0.33	0.07788%	485	2	300	185	439	0.51204%	0	0.00000%	0.58992%	\$3,510.00	\$454.56
025-081-000-139-01	BOETTCHER JAMES & DANIELLE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
021-035-000-110-00	BOREK ANTHONY & ARLENE	1	1	1.00	0.23600%	81	1	81	0	81	0.09462%	0	0.00000%	0.33062%	\$1,967.21	\$254.76
025-081-000-190-00	BOURGEOIS BASIL G ET UX JR	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
021-035-000-351-00	BOYCE DONALD J	1	1	1.00	0.23600%	219	1	219	0	219	0.25523%	0	0.00000%	0.46122%	\$2,922.75	\$379.51
025-080-000-132-00	BRECHTELBAUER TODD M & SANDRA K	1	1	1.00	0.23600%	61	1	61	0	61	0.07099%	0	0.00000%	0.30699%	\$1,826.59	\$236.55
021-035-000-065-00	BRENNAN TIMOTHY J	1	1	1.00	0.23600%	63	1	63	0	63	0.07402%	0	0.00000%	0.31002%	\$1,844.63	\$238.89
025-080-000-127-00	BRIGHT JAMES K & DONNA J	1	1	1.00	0.23600%	69	1	69	0	69	0.08026%	0	0.00000%	0.31626%	\$1,881.76	\$243.70
025-080-000-210-00	BRIGHT JAMES K & DONNA J	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-211-00	BRIGHT JAMES K & DONNA J	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-040-000-022-00	BRILINSKI BRANDON C	1	1	1.00	0.23600%	50	1	50	0	50	0.05892%	0	0.00000%	0.29492%	\$1,754.77	\$227.25
051-011-000-368-00	BROAD GERTRUDE & RICHARD	1	1	1.00	0.23600%	208	1	208	0	208	0.24038%	0	0.00000%	0.47638%	\$2,534.44	\$367.98
054-040-000-001-02	BUCHINGER DANA L VICTORIA	1	1	1.00	0.23600%	69	1	69	0	69	0.08047%	0	0.00000%	0.31647%	\$1,843.00	\$242.86
054-040-000-001-01	BUCHINGER DANA L VICTORIA	1	11	0.33	0.07788%	71	1	71	0	71	0.08310%	0	0.00000%	0.16098%	\$957.82	\$124.04
021-035-000-108-00	BUJALSKI ANTHONY J ET UX	1	1	1.00	0.23600%	85	1	85	0	85	0.09974%	0	0.00000%	0.33574%	\$1,997.66	\$258.71
054-040-000-035-00	BYRD ANTHONY J II ET AL	1	1	1.00	0.23600%	51	1	51	0	51	0.06923%	0	0.00000%	0.29523%	\$1,756.63	\$227.49
025-080-000-164-00	CADY DAVID R & BETTY J	1	1	1.00	0.23600%	73	1	73	0	73	0.08564%	0	0.00000%	0.32154%	\$1,913.14	\$247.76
025-080-000-172-00	CATALDO FAMILY TRUST	1	1	1.00	0.23600%	66	1	66	0	66	0.07852%	0	0.00000%	0.31252%	\$1,859.51	\$240.81
025-080-000-126-00	CLABOT ROBERT W	1	1	1.00	0.23600%	58	1	58	0	58	0.06711%	0	0.00000%	0.30311%	\$1,803.48	\$233.56
021-035-000-053-01	CHAPELPAINE RICHARD L & LEONA	1	1	1.00	0.23600%	117	1	117	0	117	0.13648%	0	0.00000%	0.37248%	\$2,216.23	\$287.01
054-020-000-011-00	CHIRIS ON BEAVER LAKE LLC	1	1	1.00	0.23600%	92	1	92	0	92	0.10690%	0	0.00000%	0.34290%	\$2,040.24	\$264.22
025-080-000-174-00	CHITICK DOROTHY	1	1	1.00	0.23600%	61	1	61	0	61	0.07137%	0	0.00000%	0.30737%	\$1,828.87	\$236.85
054-020-000-010-00	CHRISTIANSEN LANCE M TRUST	1	1	1.00	0.23600%	87	1	87	0	87	0.10183%	0	0.00000%	0.33783%	\$2,010.06	\$260.31
025-080-000-102-03	CLARKSON DANIEL J	1	1	1.00	0.23600%	77	1	77	0	77	0.09024%	0	0.00000%	0.32624%	\$1,941.15	\$251.39
054-020-000-007-00	CLARY BARBARA J TRUST	1	1	1.00	0.23600%	68	1	68	0	68	0.07906%	0	0.00000%	0.31506%	\$1,874.61	\$242.77
054-020-000-008-00	CLARY CURTIS G	1	1	1.00	0.23600%	70	1	70	0	70	0.08135%	0	0.00000%	0.31735%	\$1,888.24	\$244.54
025-080-000-110-00	COUSINEAU JOHN & BRENDA	1	1	1.00	0.23600%	55	1	55	0	55	0.06375%	0	0.00000%	0.29975%	\$1,783.50	\$230.97
051-002-000-533-00	COUSINEAU RUSTY L	1	1	1.00	0.23600%	84	1	84	0	84	0.09788%	0	0.00000%	0.33368%	\$1,987.16	\$257.35
054-075-000-323-00	CZUBAY MARLO M	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
051-002-000-601-00	DANIELS MICHAEL J & MICHELLE D	1	1	1.00	0.23600%	48	1	48	0	48	0.05654%	0	0.00000%	0.29254%	\$1,740.61	\$225.42
025-080-000-193-00	DAVILA JOSE FIGUEROA	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
051-002-000-513-05	DAVIS CRAIG D & BESSIE J	1	1	1.00	0.23600%	45	1	45	0	45	0.05291%	0	0.00000%	0.28891%	\$1,719.03	\$222.62
021-035-000-079-00	DAY DAVID A ET UX	1	1	1.00	0.23600%	49	1	49	0	49	0.05746%	0	0.00000%	0.25046%	\$1,746.06	\$226.12
025-080-000-160-00	DEBIASI WILLIAM J	1	1	1.00	0.23600%	84	1	84	0	84	0.06859%	0	0.00000%	0.33459%	\$1,990.83	\$257.82
025-080-000-161-01	DEBIASI WILLIAM J ET AL	1	11	0.33	0.07788%	35	1	35	0	35	0.04098%	0	0.00000%	0.11886%	\$707.19	\$91.58
021-035-000-106-00	DECARE BRYAN	1	1	1.00	0.23600%	118	1	118	0	118	0.13787%	0	0.00000%	0.37387%	\$2,224.55	\$288.09
054-075-000-294-00	DELPHER DANIEL C ET UX	1	1	1.00	0.23600%	63	1	63	0	63	0.07295%	0	0.00000%	0.30895%	\$1,838.25	\$236.08
025-080-000-103-00	DENUOT ANNA T TRUST	1	1	1.00	0.23600%	64	1	64	0	64	0.07474%	0	0.00000%	0.31074%	\$1,848.88	\$239.44
051-011-000-110-00	DERICK DANIEL A & NANCY	1	1	1.00	0.23600%	86	1	86	0	86	0.10565%	0	0.00000%	0.33656%	\$2,002.53	\$259.34
054-075-000-279-00	DEWEY MICHAEL R & MARY M	1	1	1.00	0.23600%	70	1	70	0	70	0.08190%	0	0.00000%	0.31790%	\$1,891.53	\$244.96
051-002-000-724-00	DIXEMAN STEVEN P & ELIZABETH E	1	1	1.00	0.23600%	147	1	147	0	147	0.17125%	0	0.00000%	0.40725%	\$2,512.12	\$323.81
051-002-000-729-00	DIXEMAN STEVEN P ET AL	1	11	0.33	0.07788%	170	1	170	0	170	0.19836%	0	0.00000%	0.27624%	\$1,843.65	\$231.86
054-020-000-009-00	DINEEN JOHN P ET UX	1	1	1.00	0.23600%	70	1	70	0	70	0.08162%	0	0.00000%	0.31762%	\$1,889.86	\$244.75
025-081-000-189-00	DOETSCH JAMES ET UX	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-179-00	DOETSCH WILLIAM J TRUST	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
021-035-000-071-00	DORR LYLE J & RENEE	1	1	1.00	0.23600%	63	1	63	0	63	0.07340%	0	0.00000%	0.30940%	\$1,840.92	\$236.41
054-075-000-326-01	DOSS JOSEPH M & JULIANNE	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-325-00	DOSS JOSEPH M ET AL	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-392-00	DOSS JOSEPH M ET UX	1	1	1.00	0.23600%	63	1	63	0	63	0.07340%	0	0.00000%	0.30940%	\$1,840.95	\$236.41
025-080-000-125-00	DUDENHOEFER ROBERT T & BARBARA	1	1	1.00	0.23600%	31	1	31	0	31	0.03616%	0	0.00000%	0.27216%	\$1,619.33	\$209.71
051-002-000-599-00	DUNLEAVY NANCY & LAWRENCE P	1	1	1.00	0.23600%	59	1	59	0	59	0.06916%	0	0.00000%	0.30516%	\$1,815.70	\$235.14
054-020-000-013-02	DWAN JAMES M & LORRAINE L	1	1	1.00	0.23600%	89	1	89	0	89	0.10381%	0	0.00000%	0.33981%	\$2,021.87	\$261.84
054-020-000-006-00	DYE JAMES M & DEE A TRUST	1	1	1.00	0.23600%	67	1	67	0	67	0.07788%	0	0.00000%	0.31368%	\$1,866.37	\$241.70
054-075-000-296-00	DYJAK ROGER A ET UX	1	1	1.00	0.23600%	58	1	58	0	58	0.06789%	0	0.00000%	0.30389%	\$1,808.16	\$234.16
025-081-000-123-00	EAGLE KEITH A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-124-00	EAGLE KEITH A	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-253-00	EARLE RICHARD & DEBORAH	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-251-01	EARLE RICHARD J ET UX	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-187-00	EASTRIDGE GARRET P SR	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-040-000-019-00	ELROD JAMES H	1	1	1.00	0.23600%	98	1	98	0	98	0.11390%	0	0.00000%	0.34990%	\$2,081.93	\$269.62
025-080-000-154-00	FALLUCCA THOMAS M ET UX	1	1	1.00	0.23600%	90	1	90	0	90	0.10509%	0	0.00000%	0.34109%	\$2,029.47	\$262.83
025-080-000-153-00	FALLUCCA THOMAS M ET UX	1	11	0.33	0.07788%	66	1	66	0	66	0.07867%	0	0.00000%	0.15445%	\$919.01	\$119.02
051-002-000-895-00	FERLUSON MARION W	1	1	1.00	0.23600%	54	1	54	0	54	0.06281%	0	0.00000%	0.29881%	\$1,777.91	\$230.25
025-081-000-239-00	FISHER FRANCIS K	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-267-00	FLYNN KEVIN & DINA L	1	1	1.00												

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Code	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Apportionment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT
025-081-000-151-00	HARRY PATRICIA	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-263-00	HARTING RICHARD I ET UX	1	1	1.00	0.23600%	120	1	120	0	120	0.14035%	0	0.00000%	0.27635%	\$2,239.26	\$289.99
025-081-000-179-00	HASKINS ROBERT	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-211-00	HAUGH MARTIN & CYNTHIA	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-156-01	HAUGH MARTIN O & CYNTHIA A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-242-00	HAUT TIMOTHY F & CHRISTINE M	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-282-00	HERMAN ROBIN ET UX	1	1	1.00	0.23600%	74	1	74	0	74	0.08664%	0	0.00000%	0.32264%	\$1,919.69	\$246.61
025-080-000-178-00	HIPKINS RANDALL H & KARLA J	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-173-00	HIPKINS RANDALL H & KARLA J	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-174-00	HIPKINS RANDALL H & KARLA J	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
051-002-000-737-00	HOBSON GURDON	1	11	0.33	0.07788%	61	1	61	0	61	0.07120%	0	0.00000%	0.14908%	\$867.03	\$114.87
051-002-000-735-00	HOBSON GURDON S & CHERYL L	1	1	1.00	0.23600%	54	1	54	0	54	0.06285%	0	0.00000%	0.29865%	\$1,778.18	\$230.28
051-002-000-741-00	HOFFER MICHAEL R & NELDA R	1	1	1.00	0.23600%	118	1	118	0	118	0.13784%	0	0.00000%	0.37384%	\$2,224.34	\$288.06
051-002-000-587-01	HOLLINGTON GLYDE J TRUSTEE	1	1	1.00	0.23600%	144	1	144	0	144	0.16749%	0	0.00000%	0.40349%	\$2,400.75	\$310.91
051-002-000-103-03	HOLLIS PHILIP & JACQUEE	1	1	1.00	0.23600%	69	1	69	0	69	0.07993%	0	0.00000%	0.31593%	\$1,879.80	\$243.44
054-075-000-258-00	HOLWIG GRETCHEEN	1	1	1.00	0.23600%	65	1	65	0	65	0.07581%	0	0.00000%	0.31181%	\$1,855.26	\$240.28
054-075-000-257-00	HOLWIG WILLIAM M	1	1	1.00	0.23600%	62	1	62	0	62	0.07227%	0	0.00000%	0.30015%	\$1,860.41	\$239.70
025-080-000-159-00	HOSHAL VERNE L JR & AGNES J	1	11	0.33	0.07788%	152	1	152	0	152	0.17272%	0	0.00000%	0.41327%	\$2,458.98	\$316.45
025-080-000-057-00	HOSHAL VERNE L JR & AGNES J	1	11	0.33	0.07788%	71	1	71	0	71	0.06314%	0	0.00000%	0.16102%	\$958.09	\$124.08
021-035-000-069-00	HUBACHER JANET K	1	1	1.00	0.23600%	59	1	59	0	59	0.06893%	0	0.00000%	0.30493%	\$1,814.35	\$234.97
025-080-000-128-00	HUNDT GLORIA E	1	1	1.00	0.23600%	64	1	64	0	64	0.07507%	0	0.00000%	0.31107%	\$1,850.87	\$239.70
025-080-000-129-00	HUNDT GLORIA E	1	11	0.33	0.07788%	61	1	61	0	61	0.07102%	0	0.00000%	0.14890%	\$886.93	\$114.73
025-081-000-231-00	HUTSELL LORI	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-113-01	JABROCKI THOMAS F & GLORIA M	1	1	1.00	0.23600%	107	1	107	0	107	0.12435%	0	0.00000%	0.36035%	\$2,144.06	\$277.67
054-040-000-038-00	JARRARD MARTIN F & LINDA L TRUST	1	1	1.00	0.23600%	148	1	148	0	148	0.17328%	0	0.00000%	0.40928%	\$2,435.23	\$315.70
025-080-000-155-00	JELP JERRY & LUCY	1	11	0.33	0.07788%	70	1	70	0	70	0.08113%	0	0.00000%	0.15901%	\$948.08	\$122.52
025-080-000-138-00	JOHNS PAUL & SHERRY L TRUSTEES	1	1	1.00	0.23600%	67	1	67	0	67	0.07830%	0	0.00000%	0.31430%	\$1,870.08	\$242.18
051-002-000-607-00	JOHNSON CARL A & KRISTINE	1	1	1.00	0.23600%	54	1	54	0	54	0.06331%	0	0.00000%	0.29931%	\$1,780.87	\$230.63
025-081-000-145-00	JOHNSON LYNDI M	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-146-00	JOHNSON LYNDI M	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-218-00	JONES DAVID & KATHERINE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-217-00	JONES DAVID & KATHERINE	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-219-00	JONES DAVID & KATHERINE	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-020-000-001-00	KACIN RANDOLPH	1	1	1.00	0.23600%	63	1	63	0	63	0.07390%	0	0.00000%	0.30990%	\$1,843.90	\$238.79
051-011-000-363-02	KAISER RONALD W & BERESA B	1	1	1.00	0.23600%	307	2	300	7	305	0.35676%	0	0.00000%	0.59176%	\$3,520.94	\$455.98
021-035-000-105-01	KARPINSKI GREGORY ET AL	1	1	1.00	0.23600%	51	1	51	0	51	0.06003%	0	0.00000%	0.29603%	\$1,761.40	\$228.11
054-075-000-288-00	KARPINSKI KEITH & MARILYN	1	1	1.00	0.23600%	63	1	63	0	63	0.07404%	0	0.00000%	0.31004%	\$1,844.72	\$238.90
054-075-000-289-00	KELLEY JERRY R & MARY JANE	1	1	1.00	0.23600%	64	1	64	0	64	0.07499%	0	0.00000%	0.31099%	\$1,850.40	\$239.63
054-075-000-332-02	KELLY ROBERT H	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-151-00	KELLY JAMES	1	1	1.00	0.23600%	62	1	62	0	62	0.07588%	0	0.00000%	0.30858%	\$1,838.08	\$237.78
054-075-000-280-00	KEMP STEVEN P & KAREN L	1	1	1.00	0.23600%	63	1	63	0	63	0.07377%	0	0.00000%	0.30977%	\$1,843.14	\$238.69
054-075-000-313-00	KENDZICKY JOHN ET UX	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
021-035-000-084-00	KILBURN KELLY R & CONNIE L	1	11	0.33	0.07788%	38	1	38	0	38	0.04477%	0	0.00000%	0.12265%	\$729.77	\$94.51
021-035-000-056-00	KILBURN KELLY R ET UX	1	1	1.00	0.23600%	56	1	56	0	56	0.06551%	0	0.00000%	0.30151%	\$1,794.01	\$232.33
051-002-000-514-00	KILBURN TIM B	1	1	1.00	0.23600%	25	1	25	0	25	0.02955%	0	0.00000%	0.29555%	\$1,580.03	\$204.62
025-080-000-175-00	KINLEY SCOTT & KRISTEN L	1	1	1.00	0.23600%	55	1	55	0	55	0.06431%	0	0.00000%	0.30031%	\$1,788.86	\$231.41
025-080-000-145-00	KIRKPATRICK GEORGE & SHIRLEY	1	1	1.00	0.23600%	65	1	65	0	65	0.07644%	0	0.00000%	0.31194%	\$1,865.37	\$240.37
025-081-000-153-01	KIRKPATRICK GEORGE M & SHIRLEY	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-040-000-037-00	KIRKWOOD ROBERT C & SUZANNE	1	1	1.00	0.23600%	95	1	95	0	95	0.11057%	0	0.00000%	0.34657%	\$2,062.09	\$267.05
025-080-000-114-00	KLEIN BRIAN K & MELANIE L	1	1	1.00	0.23600%	56	1	56	0	56	0.06494%	0	0.00000%	0.30094%	\$1,790.60	\$231.89
025-080-000-115-00	KLEIN PAUL	1	1	1.00	0.23600%	72	1	72	0	72	0.08381%	0	0.00000%	0.31981%	\$1,902.87	\$246.43
025-081-000-176-00	KLINE JEFFREY S	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-175-00	KLINE JEFFREY S	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-177-00	KLINE JEFFREY S	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-262-00	KNIGHT KERRY & LINDA	1	1	1.00	0.23600%	63	1	63	0	63	0.07341%	0	0.00000%	0.30541%	\$1,849.90	\$238.42
025-080-000-186-00	KNIGHTLEY JOAN & JASON	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
051-002-000-103-02	KOLLETH JOHN & LOIS	1	1	1.00	0.23600%	60	1	60	0	60	0.06967%	0	0.00000%	0.30567%	\$1,818.72	\$235.53
025-110-000-008-00	KORPAL THOMAS M & MARY E	1	1	1.00	0.23600%	63	1	63	0	63	0.07406%	0	0.00000%	0.31006%	\$1,844.87	\$238.92
025-081-000-186-00	KOWALIK WALTER & ELIZABETH	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-187-00	KOWALIK WALTER ET UX	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
051-002-000-545-00	KOZAK STEPHEN T ET AL	1	1	1.00	0.23600%	78	1	78	0	78	0.09156%	0	0.00000%	0.32756%	\$1,945.30	\$252.40
025-080-000-122-00	KOZLER JOHN M & SUSAN C	1	1	1.00	0.23600%	48	1	48	0	48	0.05640%	0	0.00000%	0.29240%	\$1,736.90	\$225.31
025-080-000-121-00	KOZLER JOHN M & SUSAN C	1	11	0.33	0.07788%	59	1	59	0	59	0.06846%	0	0.00000%	0.14634%	\$870.70	\$112.78
025-080-000-149-00	KRAJNIAK EUGENE T & KRISTEN N	1	1	1.00	0.23600%	73	1	73	0	73	0.08477%	0	0.00000%	0.32077%	\$1,908.56	\$247.17
025-080-000-134-00	KRAUTER CARL ET UX	1	1	1.00	0.23600%	60	1	60	0	60	0.07029%	0	0.00000%	0.30629%	\$1,822.45	\$236.02
025-080-000-135-00	KRAUTER CARL J & HELENA	1	11	0.33	0.07788%	55	1	55	0	55	0.06452%	0	0.00000%	0.14240%	\$847.29	\$109.73
025-080-000-200-00	KRENTZ RICHARD & LAURIE RL T	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-133-00	KRENTZ RICHARD ET UX RL T	1	1	1.00	0.23600%	62	1	62	0	62	0.07396%	0	0.00000%	0.30836%	\$1,834.75	\$237.61
021-035-000-082-00	KURPA DOMINO ET UX	1	1	1.00	0.23600%	40	1	40	0	40	0.04723%	0	0.00000%	0.26323%	\$1,685.10	\$218.82
025-080-000-152-00	KUHAR ADELE M	1	11	0.33	0.07788%	81	1	81	0	81	0.09427%	0	0.00000%	0.17215%	\$1,024.27	\$132.65
054-040-000-006-00	KURKOWSKI JORDAN D	1	1	1.00												

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Code	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Assessment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT
025-081-000-203-00	MAY PHYLLIS H TRUST	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-205-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-196-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-197-20	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-198-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-199-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-200-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-201-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-202-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-204-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-206-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-206-00	MAY PHYLLIS H TRUST	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-278-00	MCCOUL ALFRED & MARIE N	1	1	1.00	0.23600%	67	1	67	0	67	0.75333%	0	0.00000%	0.31433%	\$1,870.27	\$242.21
054-075-000-293-00	MCDONALD DAWN & BARRY	1	1	1.00	0.23600%	60	1	60	0	60	0.70511%	0	0.00000%	0.30651%	\$1,823.72	\$236.18
021-035-000-081-00	MCNEILL TAMBRA J	1	1	1.00	0.23600%	36	1	36	0	36	0.42121%	0	0.00000%	0.27812%	\$1,654.79	\$214.30
054-075-000-259-00	MEYER JEFFREY W SR & DIANA D	1	1	1.00	0.23600%	54	1	54	0	54	0.62566%	0	0.00000%	0.29856%	\$1,776.44	\$230.06
054-075-000-269-00	MECZYSLAW PERLE JEWISKI & MARTHA	1	1	1.00	0.23600%	61	1	61	0	61	0.70921%	0	0.00000%	0.30692%	\$1,826.17	\$236.50
025-080-000-118-01	MILANTONI BETTIE	1	11	0.33	0.07788%	32	1	32	0	32	0.03712%	0	0.00000%	0.11500%	\$664.27	\$86.63
025-080-000-119-00	MILANTONI BETTIE H	1	1	1.00	0.23600%	57	1	57	0	57	0.66722%	0	0.00000%	0.30272%	\$1,801.16	\$233.26
025-080-000-117-01	MILANTONI CHRISTOPHER J	1	1	1.00	0.23600%	87	1	87	0	87	0.10194%	0	0.00000%	0.33794%	\$2,010.78	\$260.40
051-002-000-603-00	MILES KATHLEEN C TRUSTEE	1	1	1.00	0.23600%	57	1	57	0	57	0.66767%	0	0.00000%	0.30276%	\$1,801.44	\$233.29
051-002-000-553-00	MILES KURT & DIANA	1	1	1.00	0.23600%	49	1	49	0	49	0.57344%	0	0.00000%	0.29334%	\$1,745.35	\$226.03
051-002-000-563-00	MILES KURT B & DIANA L	1	1	1.00	0.23600%	51	1	51	0	51	0.59159%	0	0.00000%	0.29515%	\$1,756.14	\$227.43
051-002-000-589-00	MILLER RICHARD ET UX	1	1	1.00	0.23600%	123	1	123	0	123	0.14367%	0	0.00000%	0.37967%	\$2,259.02	\$292.55
054-030-000-012-00	MONSIEUR CLAUDE ROUYARD	1	1	1.00	0.23600%	89	1	89	0	89	0.14619%	0	0.00000%	0.34603%	\$2,022.17	\$262.61
051-002-000-725-00	MOORE RAY & KATHLEEN ET AL	1	1	1.00	0.23600%	74	1	74	0	74	0.09643%	0	0.00000%	0.32243%	\$1,918.46	\$246.45
025-081-000-194-00	MOREFIELD MICHAEL	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-182-00	MORRISON J A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-181-00	MORRISON J A	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-286-00	MOSCHETTA MICHAEL & BRIGIT	1	1	1.00	0.23600%	58	1	58	0	58	0.06717%	0	0.00000%	0.30317%	\$1,803.88	\$233.61
054-040-000-025-00	MOSER MARK & BRADLEY	1	1	1.00	0.23600%	50	1	50	0	50	0.58833%	0	0.00000%	0.29483%	\$1,754.21	\$227.18
025-080-000-198-00	MURRAY JOHN	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-277-00	MUZICHUK ROBERT D ET UX	1	1	1.00	0.23600%	72	1	72	0	72	0.08374%	0	0.00000%	0.31974%	\$1,902.45	\$246.38
054-040-000-002-00	MYERS CARLA JEAN	1	1	1.00	0.23600%	54	1	54	0	54	0.06271%	0	0.00000%	0.29871%	\$1,777.34	\$230.17
051-002-000-573-00	NAGY PAUL J ET AL	1	1	1.00	0.23600%	52	1	52	0	52	0.06096%	0	0.00000%	0.29696%	\$1,766.93	\$228.83
025-080-000-150-00	NAYLOR WILLIAM & DEBORAH	1	1	1.00	0.23600%	75	1	75	0	75	0.08780%	0	0.00000%	0.32380%	\$1,926.58	\$249.50
025-081-000-184-00	NAYLOR WILLIAM R ET UX	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-284-00	NEMETH JUDITH G	1	1	1.00	0.23600%	64	1	64	0	64	0.07522%	0	0.00000%	0.31122%	\$1,851.77	\$239.81
025-080-000-106-00	NIMS KEITH D	1	1	1.00	0.23600%	89	1	89	0	89	0.10360%	0	0.00000%	0.33960%	\$2,021.09	\$261.74
025-080-000-188-00	ODONNELL KELLY J	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-225-00	OSINSKI RONALD F	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-165-00	PACOLT STANLEY & GAIL	1	1	1.00	0.23600%	59	1	59	0	59	0.06847%	0	0.00000%	0.30447%	\$1,811.58	\$234.61
054-020-000-017-00	PAJTAS LISA	1	1	1.00	0.23600%	81	1	81	0	81	0.09483%	0	0.00000%	0.33083%	\$1,968.43	\$254.92
051-002-000-727-00	PARK JACK	1	1	1.00	0.23600%	78	1	78	0	78	0.09049%	0	0.00000%	0.32649%	\$1,942.64	\$251.58
051-011-000-112-00	PEABODY MARK F	1	1	1.00	0.23600%	82	1	82	0	82	0.09599%	0	0.00000%	0.33199%	\$1,975.35	\$255.62
054-075-000-275-00	PHILLIPS BRADLEY A & CATHERINE	1	1	1.00	0.23600%	59	1	59	0	59	0.06841%	0	0.00000%	0.30441%	\$1,811.26	\$234.57
054-075-000-273-00	PHILLIPS BRADLEY A & CATHERINE C	1	11	0.33	0.07788%	64	1	64	0	64	0.07517%	0	0.00000%	0.31505%	\$1,910.64	\$247.73
025-081-000-213-00	PHILLIPS PATRICIA A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-265-00	PHILSON BRIAN & BONNIE	1	1	1.00	0.23600%	58	1	58	0	58	0.06710%	0	0.00000%	0.30310%	\$1,803.45	\$233.55
054-075-000-266-00	PHILSON BRIAN & BONNIE	1	11	0.33	0.07788%	66	1	66	0	66	0.07717%	0	0.00000%	0.35050%	\$922.55	\$119.47
021-035-000-085-00	POLAKOWSKI BRIAN & DARCEY	1	1	1.00	0.23600%	10	1	10	0	10	0.01167%	0	0.00000%	0.24767%	\$1,473.63	\$190.84
054-040-000-012-00	POWERS AARON P	1	1	1.00	0.23600%	49	1	49	0	49	0.05718%	0	0.00000%	0.29318%	\$1,744.43	\$225.91
051-002-000-503-00	PURCELL MICHAEL W III & CAROL S	1	1	1.00	0.23600%	21	1	21	0	21	0.02392%	0	0.00000%	0.25992%	\$1,546.55	\$200.29
025-110-000-007-00	RAISANEN DARLENE K	1	1	1.00	0.23600%	60	1	60	0	60	0.07010%	0	0.00000%	0.30610%	\$1,821.27	\$236.86
025-080-000-138-00	RAJASEKHAR PAUL & MARY	1	1	1.00	0.23600%	58	1	58	0	58	0.06754%	0	0.00000%	0.30354%	\$1,806.05	\$233.89
054-040-000-030-00	RAMBERG MARGARET	0	1	1.00	0.00000%	46	1	46	0	46	0.00000%	0	0.00000%	0.00000%	\$0.00	\$0.00
051-002-000-103-04	RAMBERG MARGARET E	1	1	1.00	0.23600%	26	1	26	0	26	0.03033%	0	0.00000%	0.26633%	\$1,584.68	\$205.22
025-081-000-214-00	RANDAZZO ANDREW & KATHY	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
021-035-000-067-00	RAPP RONALD F & DIANE M	1	1	1.00	0.23600%	100	1	100	0	100	0.11686%	0	0.00000%	0.35286%	\$2,099.51	\$271.90
025-080-000-213-00	RAVENE MELISSA M & JEFFREY J	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
051-011-000-372-00	REILLY TODD & PAMELA	1	1	1.00	0.23600%	120	1	120	0	120	0.13649%	0	0.00000%	0.37549%	\$2,234.19	\$293.34
021-035-000-054-01	RICHARDS BRIAN A & TERESA F	1	1	1.00	0.23600%	121	1	121	0	121	0.14136%	0	0.00000%	0.37736%	\$2,245.29	\$290.78
054-075-000-330-00	ROBEL RUSSEL W & LINDA D	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-040-000-034-00	ROOT KEITH L ET AL	1	1	1.00	0.23600%	45	1	45	0	45	0.05193%	0	0.00000%	0.28793%	\$1,713.20	\$221.87
025-080-000-091-00	ROSTOW JEFFREY A & DEBORAH R	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-192-00	ROSTOW JEFFREY A & DEBORAH R	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-193-00	RUCZYNSKI GERALD A BETTY	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-119-00	SAUER RICHARD & KATHE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-120-00	SAUER RICHARD & KATHE	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-283-02	SCHIPPERS STEVEN & MARI	1	1	1.00	0.23600%	67	1	67	0	67	0.07775%	0	0.00000%	0.31375%	\$1,866.83	\$241.76
025-081-000-256-00	SCHMITZ JOHN & SHARON	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.0			

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Apportionment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT	
025-080-000-141-00	SPRAGG DARREL & ELIZABETH	1	1	1.00	0.23600%	63	1	63	0	63	0.07389%	0	0.00000%	0.30689%	\$1,843.87	\$238.79
054-040-000-007-00	SPRAGG WAYNE C TRUST	1	1	1.00	0.23600%	58	1	58	0	58	0.06821%	0	0.00000%	0.30421%	\$1,810.05	\$234.41
025-080-000-178-00	SPRINGETT GORDON & ANGELINA	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-040-000-008-01	STANCZYK ROBERT T	1	1	1.00	0.23600%	7	1	7	0	7	0.00784%	0	0.00000%	0.24384%	\$1,448.63	\$187.73
054-040-000-024-00	STAPLETON LARRY D	1	1	1.00	0.23600%	103	1	103	0	103	0.12006%	0	0.00000%	0.35606%	\$2,118.56	\$274.36
054-040-000-014-00	STEVENS JOHN H ET AL	1	1	1.00	0.23600%	42	1	42	0	42	0.04846%	0	0.00000%	0.28446%	\$1,692.54	\$219.19
054-040-000-016-00	STEVENS JOHN H ET AL	1	11	0.33	0.07788%	150	1	150	0	150	0.17532%	0	0.00000%	0.25320%	\$1,506.53	\$195.10
054-040-000-015-00	STEVENS JOHN H ET AL	1	11	0.33	0.07788%	56	1	56	0	56	0.06565%	0	0.00000%	0.14353%	\$854.00	\$110.60
051-002-000-597-00	STONE ROBERT & NAHLA	1	1	1.00	0.23600%	61	1	61	0	61	0.07154%	0	0.00000%	0.30754%	\$1,829.87	\$236.98
051-002-000-583-00	STRONG DONALD R ET AL	1	1	1.00	0.23600%	51	1	51	0	51	0.05992%	0	0.00000%	0.29592%	\$1,760.70	\$228.02
025-080-000-223-00	SWEANY WILLIAM E JUDITH	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-131-00	SWEANY WILLIAM E & JUDITH L	1	1	1.00	0.23600%	82	1	82	0	82	0.07260%	0	0.00000%	0.30960%	\$1,836.19	\$237.80
025-080-000-209-00	SYKES JOSEPH F & REBECCA	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
051-002-000-761-00	TOBIN MARSHALL E	1	1	1.00	0.23600%	2,200	2	300	1,900	1,725	2.01292%	0	0.00000%	2.24892%	\$13,381.08	\$1,732.91
054-075-000-001-00	TOBIN MARSHALL E	1	1	1.00	0.23600%	379	2	300	79	359	0.41924%	0	0.00000%	0.65514%	\$3,898.68	\$504.90
025-080-000-144-00	TOBIN MARSHALL E	1	1	1.00	0.23600%	299	1	299	0	299	0.34902%	0	0.00000%	0.58502%	\$3,480.87	\$450.79
025-080-000-080-00	TOBIN MARSHALL E	1	1	1.00	0.23600%	61	1	61	0	61	0.07088%	0	0.00000%	0.30688%	\$1,825.91	\$236.46
025-080-000-101-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-218-01	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-135-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-150-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-152-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-163-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-168-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-172-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-209-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-221-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-228-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-230-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-300-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-316-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-328-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-331-00	TOBIN MARSHALL E	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-125-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-126-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-127-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-128-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-129-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-130-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-131-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-132-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-133-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-134-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-137-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-136-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-138-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-164-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-169-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-220-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-222-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-232-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-233-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-234-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-235-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-236-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-237-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-238-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-240-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-241-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-243-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-244-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-245-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-081-000-246-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-301-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-302-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-303-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-304-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-305-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-306-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-307-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-308-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-309-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-310-00	TOBIN MARSHALL E	1	22	0.20	0.04720%	0	1	0								

Parcel ID #	Parcel Owner	Assessable (0 = No, 1 = Yes)	Base Assessment Code	Base Assessment Factor	Base Assessment Apportionment %	Parcel Frontage	PARCEL FRONTAGE RANGE CODE	RANGE 1 FRONTAGE	RANGE 2 FRONTAGE	WEIGHTED FRONTAGE	Frontage Apportionment %	Public Rec Use Use Factor	Public Rec Use Apportionment %	TOTAL APPORTIONMENT	TOTAL ASSESSMENT	ESTIMATED ANNUAL PAYMENT
025-080-000-167-00	WAGGONER LISA	1	1	1.00	0.23600%	63	1	63	0	63	0.07358%	0	0.00000%	0.30958%	\$1,842.03	\$238.55
051-002-000-739-00	WAKEFIELD JOHN & JULIE	1	1	1.00	0.23600%	94	1	94	0	94	0.10972%	0	0.00000%	0.34672%	\$2,057.05	\$266.40
025-080-000-104-00	WALENDOWSKI DOLORES TRUST	1	1	1.00	0.23600%	98	1	98	0	98	0.11474%	0	0.00000%	0.35074%	\$2,086.91	\$270.26
025-080-000-124-00	WARREN MARJORIE E	1	1	1.00	0.23600%	43	1	43	0	43	0.05003%	0	0.00000%	0.28603%	\$1,701.90	\$220.40
025-080-000-214-00	WARREN MARJORIE E	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-095-00	WCISEL DANIEL & NICOLE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-194-00	WCISEL DANIEL & NICOLE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-215-00	WEBBER DEBORAH L TRUST	1	1	1.00	0.23600%	125	1	125	0	125	0.14586%	0	0.00000%	0.38186%	\$2,272.06	\$294.24
054-075-000-287-00	WERDA RAPHAEL L & LAURA A	1	1	1.00	0.23600%	58	1	58	0	58	0.06781%	0	0.00000%	0.30381%	\$1,807.66	\$234.10
025-080-000-171-00	WERNER JAMES	1	1	1.00	0.23600%	63	1	63	0	63	0.07388%	0	0.00000%	0.30988%	\$1,843.76	\$238.78
054-040-000-008-00	WHITENER-SIPPL SALLY A	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
054-075-000-314-00	WHITING STEPHEN P	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
054-075-000-283-03	WHITING STEPHEN P	1	1	1.00	0.23600%	80	1	80	0	80	0.09319%	0	0.00000%	0.32919%	\$1,958.66	\$253.66
054-020-000-020-00	WIKE TIMOTHY & COLLEEN	1	1	1.00	0.23600%	63	1	63	0	63	0.07334%	0	0.00000%	0.30934%	\$1,840.60	\$238.37
025-080-000-148-00	WILCOX JOSEPH & DIANA	1	22	0.20	0.04720%	0	1	0	0	0	0.00000%	0	0.00000%	0.04720%	\$280.84	\$36.37
025-080-000-197-01	WILCOX JOSEPH W JR & DIANA	1	1	1.00	0.23600%	60	1	60	0	60	0.07051%	0	0.00000%	0.30651%	\$1,823.74	\$236.18
025-110-000-003-00	WILKE RAYMOND J & SALLY ANN	1	1	1.00	0.23600%	58	1	58	0	58	0.06822%	0	0.00000%	0.30422%	\$1,810.12	\$234.42
025-110-000-002-02	WILKE RYAN D & KENISE K	1	1	1.00	0.23600%	62	1	62	0	62	0.07224%	0	0.00000%	0.30824%	\$1,834.02	\$237.51
025-110-000-002-01	WILKE WILBUR W TRUST	1	1	1.00	0.23600%	61	1	61	0	61	0.07135%	0	0.00000%	0.30735%	\$1,828.74	\$236.83
054-075-000-270-00	WILKER ROBERT J & KATHRYN L	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-229-00	WILLARD LESLIE H	1	1	1.00	0.23600%	49	1	49	0	49	0.05699%	0	0.00000%	0.29299%	\$1,743.27	\$225.76
054-040-000-023-00	WILLIAMS RICHARD & DENISE	1	1	1.00	0.23600%	53	1	53	0	53	0.06219%	0	0.00000%	0.29619%	\$1,774.03	\$229.74
054-040-000-031-00	WILLIAMS RICKY L	1	1	1.00	0.23600%	39	1	39	0	39	0.04593%	0	0.00000%	0.28193%	\$1,677.47	\$217.24
025-080-000-123-00	WILSON MATTHEW & KOSAK KIMBERLY	1	1	1.00	0.23600%	72	1	72	0	72	0.08380%	0	0.00000%	0.31980%	\$1,902.82	\$246.42
025-080-000-163-00	WILSON ROBERT C & MARGARET A	1	1	1.00	0.23600%	79	1	79	0	79	0.09275%	0	0.00000%	0.32875%	\$1,966.05	\$253.32
025-080-000-156-00	WINCHESTER KAREN	1	1	1.00	0.23600%	55	1	55	0	55	0.06446%	0	0.00000%	0.30046%	\$1,787.77	\$231.52
025-080-000-116-00	WISELY DARYL R & SUSAN	1	1	1.00	0.23600%	61	1	61	0	61	0.07180%	0	0.00000%	0.30780%	\$1,830.25	\$237.03
025-080-000-173-00	WITKOW EDWARD & CATHERINE	1	2	0.33	0.07788%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-080-000-183-00	WITKOW RYAN J & STACEY L TRUST	1	1	1.00	0.23600%	61	1	61	0	61	0.07070%	0	0.00000%	0.30670%	\$1,824.84	\$236.33
025-110-000-006-00	WOODJA CARRIE L	1	1	1.00	0.23600%	78	1	78	0	78	0.09099%	0	0.00000%	0.32099%	\$1,948.40	\$251.84
025-080-000-120-00	WOHL ROBERT J & GRACE M	1	1	1.00	0.23600%	64	1	64	0	64	0.07499%	0	0.00000%	0.31099%	\$1,850.41	\$239.64
054-075-000-271-00	WOLTER GARY E & RITA D TRUST	1	1	1.00	0.23600%	77	1	77	0	77	0.09020%	0	0.00000%	0.32620%	\$1,940.87	\$251.35
054-020-000-018-00	WOLTMAN R J & SHARYL L	1	1	1.00	0.23600%	69	1	69	0	69	0.08083%	0	0.00000%	0.31683%	\$1,885.17	\$244.14
054-020-000-005-00	WOOD ALLEN L & HOPE M	1	1	1.00	0.23600%	62	1	62	0	62	0.07292%	0	0.00000%	0.30892%	\$1,836.05	\$238.04
021-035-000-104-00	WORTH RICHARD D JR & KIMBERLY R	1	1	1.00	0.23600%	29	1	29	0	29	0.03350%	0	0.00000%	0.29950%	\$1,603.55	\$207.67
021-035-000-101-05	WORTH RICHARD D JR & KIMBERLY R	1	1	1.00	0.23600%	56	1	56	0	56	0.06517%	0	0.00000%	0.30117%	\$1,791.96	\$232.07
051-002-000-123-00	WRIGHT DENNIS T AND REBECCA M	1	1	1.00	0.23600%	60	1	60	0	60	0.07015%	0	0.00000%	0.30615%	\$1,821.60	\$236.91
025-080-000-120-00	WRIGHT GIBELLE	1	1	1.00	0.23600%	60	1	60	0	60	0.07020%	0	0.00000%	0.30620%	\$1,821.89	\$236.94
054-040-000-033-00	WROBEL DAVID B	1	1	1.00	0.23600%	62	1	62	0	62	0.07204%	0	0.00000%	0.30804%	\$1,832.88	\$237.36
054-075-000-285-00	YERKES RUTH R	1	1	1.00	0.23600%	83	1	83	0	83	0.09725%	0	0.00000%	0.33325%	\$1,982.63	\$256.79
025-110-000-011-00	ZEBELIAN WILLIAM A & JULIANNE	1	1	1.00	0.23600%	50	1	50	0	50	0.05786%	0	0.00000%	0.29386%	\$1,748.45	\$226.43
021-035-000-061-00	ZIELKE DANIEL & KATHLEEN	1	1	1.00	0.23600%	0	1	0	0	0	0.00000%	0	0.00000%	0.07788%	\$463.39	\$60.01
025-081-000-210-00	ZILKE NICHOLAS A	1	2	0.33	0.07788%											
		454		297	69.76400%	26,350		20,543	5,808	24,852	29.00000%	1	1.00000%	99.76400%	\$593,595.80	\$78,873.37

I HEREBY CERTIFY, that all of said apportionments for benefits have been made upon the principle of benefits derived and that notice of the review of the apportionment was duly made by me, as provided by law.

Given under my hand this 12th day of May, 2022


Gerald Kousner
Alpena County Drain Commissioner



**ALPENA COUNTY DRAIN COMMISSIONER
COMPUTATION OF COST
BEAVER LAKE - LAKE LEVEL CONTROL STRUCTURE
December 6, 2022 Special Assessment Hearing**

Be It Known, that Gerald Fournier, Drain Commissioner, County of Alpena, State of Michigan, in accordance with the statute in such case, made the following computation of the entire cost of said lake level, to-wit:

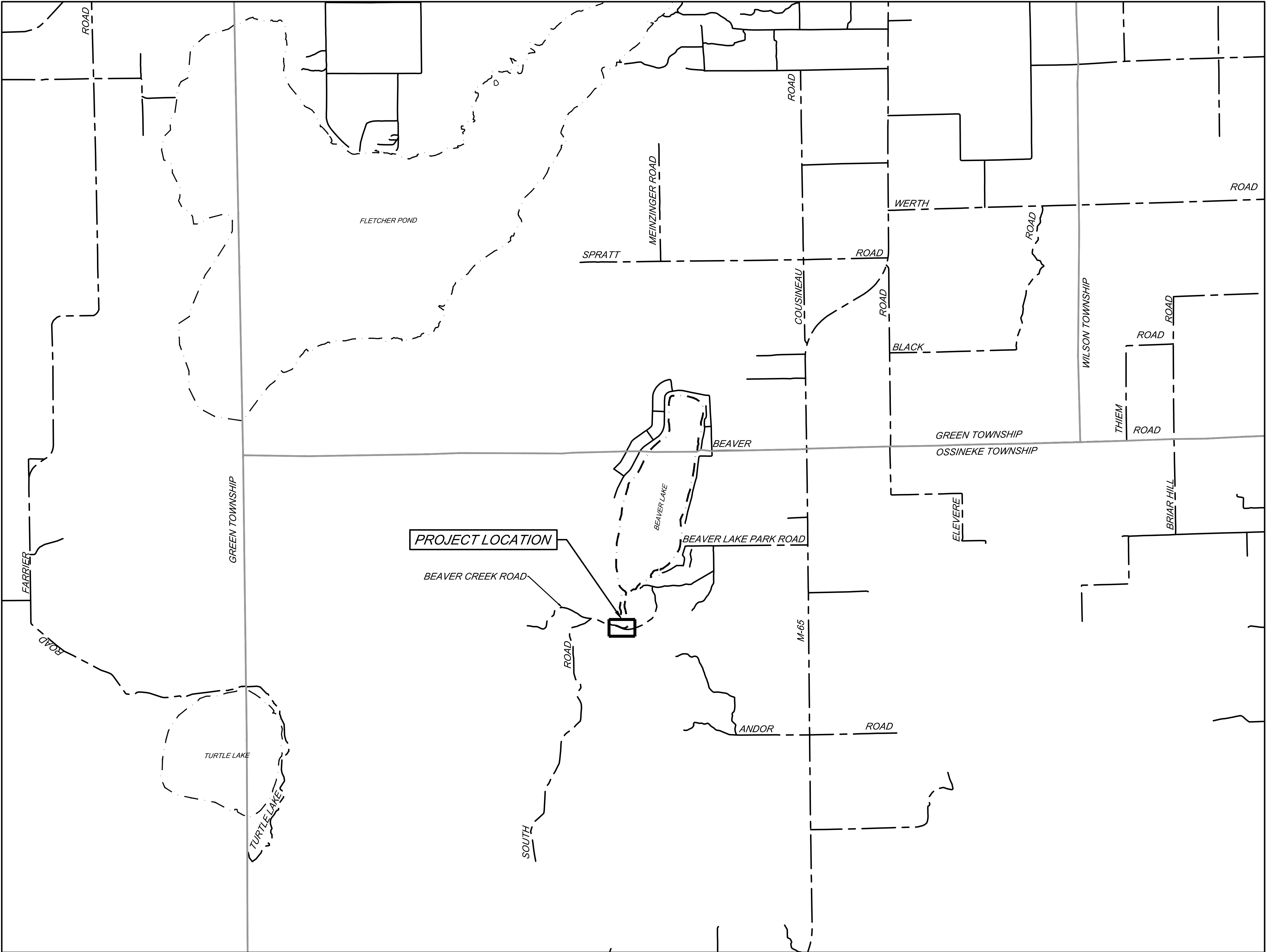
1 Expense of Maintenance and Improvement of the Lake Level Structure	
Permitting	\$663.00
Preliminary Design	\$45,676.50
Soil Boring	\$6,525.00
Surveying	\$6,139.25
Final Design, Easement Preparation and Bidding	\$15,000.00
2 Establishment of Special Assessment District	
Establishment of Special Assessment District and Legal Lake Level	\$14,500.00
Preparation of Assessment Roll and Levying Assessments	\$13,000.00
3 Land and Property Acquisition	
Easement Cost	\$2,900.00
4 Cost of Construction	\$299,590.00
5 Estimated Cost of Appeal (in case apportionments are not sustained)	\$6,500.00
6 Estimated Cost of Inspection	
Construction Administration and Staking	\$20,000.00
Construction Inspection and Testing	\$15,360.00
7 Cost of Mailing, Publishing Notices and Administration	\$1,300.00
8 Circuit Court Judge Fees	\$175.00
9 Legal Fees	
Lake Level Attorney	\$25,500.00
Financing Attorney	\$7,500.00
10 Note & Bond Issuance Costs	
Financial Advisor	\$7,500.00
Municipal Advisory Council of Michigan (2022 issue)	\$400.00
Michigan Department of Treasury Filing	\$222.00
11 First Year Bond Interest	\$29,500.00
<i>Gross Sum of Expenses</i>	\$517,950.75
 <i>Contingent Expenses (±15%)</i>	 \$77,049.25
<i>Total Cost of Construction of Beaver Lake - Lake Level Control Structure</i>	<i>\$595,000.00</i>

Filed in my office with other papers pertaining to the within mentioned lake level. Dated at _____,
Michigan, this _____ day of _____, 2022.

Gerald Fournier, Alpena County Drain Commissioner

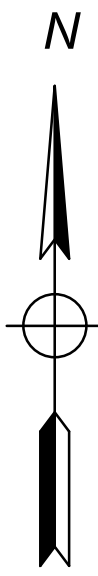
BEAVER LAKE DAM

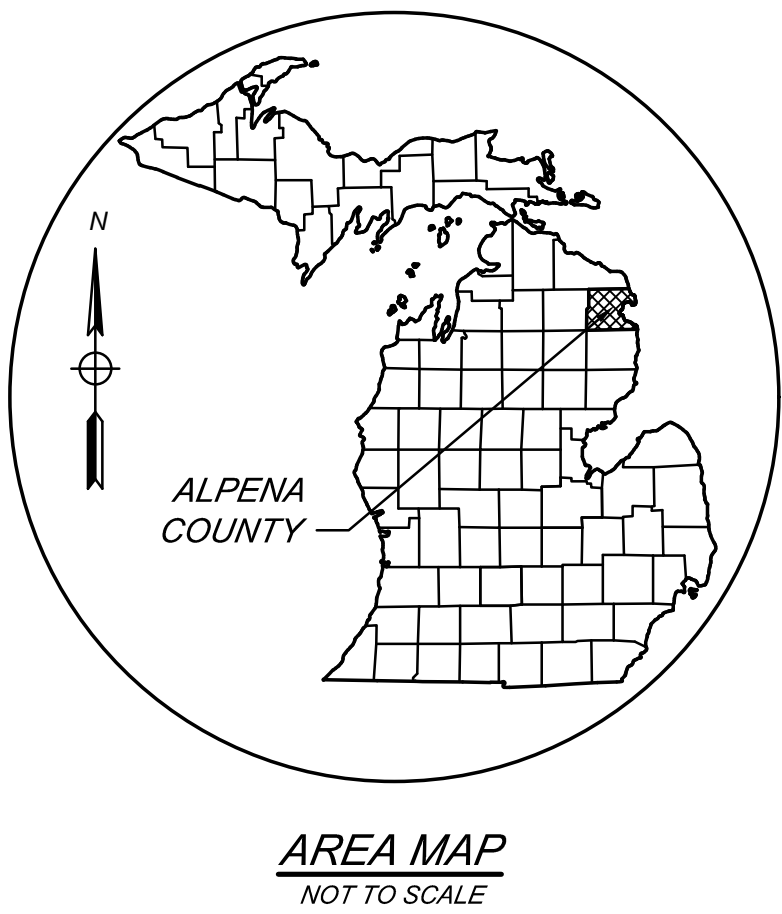
ALPENA COUNTY DRAIN COMMISSIONER - GERALD FOURNIER



LOCATION MAP
NOT TO SCALE

PLAN INDEX		
FILE NO.	DESCRIPTION	NO.
DR-4142-01	COVER SHEET	1
DR-4142-02	CONTACTS, GENERAL NOTES, LINE TYPE LEGEND, AND SESC MEASURE LEGEND	2
DR-4142-03	DISTRICT MAP PART 307 SPECIAL ASSESSMENT	3
DR-4142-04	EXISTING SITE PLAN	4
DR-4142-05	OVERALL SITE PLAN AND SESC PLAN	5
DR-4142-06	PROFILE VIEW AND CROSS SECTIONS VIEW GRAVEL ROAD RESTORATION AND ELEVATION DETAILS	6
DR-4142-07	CONTROL STRUCTURE AND HEADWALL/WINGWALL DETAILS	7
DR-4142-08	GRATE DETAILS AND WEIR DETAILS	8
DR-4142-09	SHEET PILE WEIR CONTROL STRUCTURE DETAILS AND HANDRAIL DETAILS	9


SECTION 35, T30N-R05E,
GREEN TOWNSHIP,
ALPENA COUNTY , MICHIGAN
SECTION 11, T29N-R05E,
OSSINEKE TOWNSHIP,
ALPENA COUNTY , MICHIGAN



MUC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFP - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN			
COVER SHEET			
 SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax. 989-754-4440 www.SpicerGroup.com			
DE. BY:	POC/WTM	CH. BY:	WTM
DR. BY:	CBS	APP. BY:	RBH
PROJECT NO.		127253SG2019	
STDs.	SHEET 01 OF 09		DR
DATE	AUGUST, 2022	FILE NO.	DR-4142-01
SCALE	NOT TO SCALE		01

GENERAL NOTES

NO WORK SHALL BE PERFORMED BEFORE 7:00 AM OR AFTER 7:00 PM MONDAY THROUGH SATURDAY. NO WORK SHALL HAPPEN ON SUNDAYS OR HOLIDAYS. UNLESS AUTHORIZED BY THE OWNER.

CONTRACTOR SHALL NOTIFY ENGINEER 72 HOURS PRIOR TO START OF CONSTRUCTION, CONSTRUCTION STAKING AND INSPECTION.

CONTRACTOR SHALL MAINTAIN ACCESS FOR MAIL DELIVERY AND GARBAGE PICKUP AT ALL PARCELS. IF THESE SERVICES CANNOT BE PERFORMED CONTRACTOR IS RESPONSIBLE FOR TAKING THE NECESSARY MEASURES TO CARRY THEM OUT.

CONTRACTOR TO PROVIDE DUST CONTROL AND SWEEP ROADS DAILY.

ALL EXCAVATED MATERIAL NOT TO BE REUSED OR DISPOSED OF ON SITE SHALL BE REMOVED FROM SITE. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSING MATERIALS ACCORDING TO LOCAL AND STATE REQUIREMENTS.

ALL WORK SHALL BE WITHIN DRAIN RIGHT-OF-WAY. WORK OUTSIDE RIGHT-OF-WAY MUST BE AGREED UPON BY LANDOWNER AND ENGINEER WITH A SIGNED LANDOWNER AGREEMENT PRIOR TO WORK ON THAT PROPERTY.

RESTORE ALL LAWN AREAS WITH 4" OF TOPSOIL, SEED, AND MULCH.

CONTRACTOR TO RESTORE INCIDENTAL DAMAGES ON THE PROJECT AS DIRECTED BY OWNER AND ENGINEER AT CONTRACTORS EXPENSE.

ALL DRAIN SIDE SLOPES SHALL BE 2H:1V OR FLATTER, UNLESS SPECIFIED OTHERWISE.

THE WORDS "RIGHT SIDE" OR "LEFT SIDE" IMPLY A REFERENCE TO THE DRAIN FACING UPSTREAM.

CLEAR AND GRUB TREES AS INDICATED FOR CONSTRUCTION WITHIN DRAIN RIGHT-OF-WAY. REMOVE ALL TREES, STUMPS AND DEBRIS FROM SITE.

REMOVE EXISTING FENCES, LANDSCAPING, AND OTHER STRUCTURES IN DRAIN RIGHT-OF-WAY AS NEEDED FOR CONSTRUCTION. REINSTALLATION OF FENCES MUST BE COORDINATED WITH THE LAND OWNER AT THE LAND OWNER'S EXPENSE, UNLESS STATED OTHERWISE IN THE PLANS. COST TO BE INCLUDED IN SITE CLEARING.

CONTRACTOR SHALL COORDINATE REMOVAL OF TREES WITHIN THE LIMITS OF CONSTRUCTION WITH THE PROPERTY OWNER AND ENGINEER.

TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE AS TOPSOIL SURFACE AS DIRECTED BY THE ENGINEER.

ALL SPRINKLER SYSTEMS DAMAGED SHALL BE REPAIRED BY CONTRACTOR. COST TO BE INCLUDED IN OTHER WORK ITEMS OF THE PROJECT.

CONTRACTOR TO CLEAR TREES WITHIN THE DRAIN R.O.W. AS NECESSARY TO CONSTRUCT DRAIN AND LEVEL SPOILS AS SHOWN IN DETAILS. COORDINATE REMOVALS WITH LANDOWNER, ENGINEER, AND OVERHEAD UTILITIES.

UNDERGROUND UTILITIES/MISS DIG

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE EXISTING UTILITIES ON THESE DRAWINGS HAVE BEEN SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER AS TO WHERE POSSIBLE CONFLICT EXISTS.

ALL CONSTRUCTION UNDER EXISTING UTILITIES, INCLUDING HOUSE SERVICES, SHALL BE COMPLETELY BACKFILLED WITH SAND, IN 12" LAYERS, AND COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM UNIT WEIGHT.

ANY UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE SUPPORTED, PER THE SPECIFICATIONS OF THE INDIVIDUAL UTILITY COMPANY CLAIMING OWNERSHIP OF THE UTILITY.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

APPROPRIATE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTH-DISTURBING ACTIVITIES. PLACE TURF ESTABLISHMENT ITEMS AS SOON AS POSSIBLE ON POTENTIAL ERODABLE SLOPES AS DIRECTED BY THE ENGINEER. CRITICAL DITCH GRADES SHALL BE PROTECTED WITH EITHER SOD OR SEED/MULCH OR MULCH BLANKET AS DIRECTED BY THE ENGINEER.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND MAINTAINED UNTIL THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MEASURES SHALL ONLY BE PAID FOR ONCE.

ALL CATCHBASINS AND SEDIMENTATION TRAP/BASIN SHALL BE CLEANED OUT UPON COMPLETION OF THE PROJECT.

CONTRACTOR SHALL CONFORM TO SOIL EROSION AND SEDIMENTATION CONTROL ACT, PART 91 OF ACT 451 OF 1994.

SOIL EROSION SEDIMENT CONTROL

GROUNDWATER SEEPAGE AND STORMWATER RUNOFF IS ANTICIPATED TO BE A FACTOR DURING CONSTRUCTION. WATER CONTROL AND DEWATERING METHODS MAY BE NECESSARY. ALL WATER CONTROL AND DEWATERING REQUIRED IS THE CONTRACTOR'S RESPONSIBILITY AND COST SHALL BE INCLUDED IN THE PAY ITEM BEING INSTALLED. THE METHODS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ALL DEWATERING REQUIRED FOR CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR UTILITY BEING INSTALLED.

ALL RIPRAP MATERIAL SHALL BE APPROVED BY THE ENGINEER UNLESS OTHERWISE DIRECTED. SUBMIT SAMPLES TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. OWNER AND ENGINEER RESERVES THE RIGHT TO REJECT ANY AND ALL RIPRAP.

CONTRACTORS SHALL FINISH GRADE, SEED, FERTILIZE, AND MULCH DAILY ON ALL DISTURBED AREAS AS DESCRIBED IN THE SPECIFICATIONS.

HAND SEED, FERTILIZE, AND MULCH DITCH BANKS AND SPOILS DAILY.

ALL DISTURBED WETLAND AREA SHALL BE SEEDED WITH NATIVE WETLAND SEED AS SPECIFIED BY ENGINEER.

PROPERTY OWNERS

PROPERTY OWNERS' NAMES AND PARCEL LINES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.

PROPERTY CORNER MONUMENT VISIBILITY OBSERVED ON SITE SHALL BE PROTECTED. DAMAGED PROPERTY CORNER WILL BE RESET AT CONTRACTORS EXPENSE.

ADJUSTING MONUMENT BOXES

ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.

TRAFFIC

THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES. SIGNAGE MUST BE IN ACCORDANCE WITH THE MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL BE COORDINATED WITH THE ENGINEER AND GOVERNING ROAD AGENCY. PERMITS MAY BE REQUIRED.

PERMITS

PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED BY THE APPROPRIATE AGENCIES.

CONSTRUCTION PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF THE APPROPRIATE AGENCIES.

MAILBOXES

CONTRACTOR SHALL REMOVE AND TEMPORARILY RELOCATE ALL EXISTING MAIL BOXES AS NEEDED FOR CONSTRUCTION. COSTS TO BE INCLUDED IN THE UNIT PRICE BID FOR SITE CLEARING.

CONTRACTOR COORDINATE MAIL BOX RELOCATION WITH LANDOWNERS A MINIMUM OF ONE DAY IN ADVANCE.

ALL TEMPORARILY RELOCATED MAIL BOXES, STREET AND TRAFFIC SIGNS TO BE REINSTALLED TO ORIGINAL LOCATIONS AS CONSTRUCTION ALLOWS. COSTS TO BE INCLUDED IN THE UNIT PRICE BID FOR CLEANUP AND RESTORATION.

GENERAL NOTES

ROADS, DRIVEWAYS AND SIDEWALKS

COORDINATE DRIVEWAY CLOSURES WITH LANDOWNERS A MINIMUM OF ONE DAY IN ADVANCE.

ALL JOINTS AT INTERSECTION APPROACHES AND DRIVEWAYS SHALL BE SAW-CUT WITH BUTT-JOINTS. COST TO BE INCLUDED IN UNIT PRICE BID THAT INCLUDES ROAD AND DRIVEWAY REPAIRS.

FOR OPEN CUT PAVEMENT REMOVAL CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FULL DEPTH PRIOR TO REMOVAL.

ALL DRIVING SURFACES ARE TO BE RESTORED TO IN KIND DEPTH AND MATERIAL UNLESS OTHERWISE SPECIFIED ON THE PLANS. COST TO BE INCLUDED IN THE BID PRICE FOR WORK PERTAINING TO EACH CROSSING.

PROTECT ALL BITUMINOUS ROADS NOT SPECIFIED TO BE REMOVED DURING CONSTRUCTION. REPAIR ANY UNAUTHORIZED DAMAGE AT CONTRACTORS EXPENSE.

BROKEN CONCRETE AND DEBRIS SHALL BE CONSIDERED WASTE AND SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE. COST SHALL BE INCLUDED IN THE OTHER PAY ITEMS OF THE PROJECT.

MATCH EXISTING TYPE FOR CONCRETE CURB AND GUTTER RESTORATION.

CONTRACTOR SHALL REMOVE ALL STREET AND TRAFFIC SIGNAGE AS NECESSARY FOR CONSTRUCTION. ALL COSTS TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR SITE CLEARING. REPLACE SIGNAGE AS CONSTRUCTION ALLOWS. COST TO BE INCLUDED IN THE UNIT PRICE FOR CLEANUP AND RESTORATION.

CONTRACTOR SHALL COORDINATE LOCATION OF ANY ACCESS ROADS WITH THE LANDOWNER AND THE ENGINEER. ANY ACCESS ROAD SHALL BE REPAIRED TO THE LANDOWNERS AND OWNERS APPROVAL.

ALL WORK WITHIN THE ROAD RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS OF THE COUNTY ROAD COMMISSION, CITY, VILLAGE, AND MDOT.

UTILITIES

ELECTRIC, GAS AND TELEPHONE UTILITIES LOCATED IN THE ROAD AND DRAIN RIGHT-OF-WAYS REQUIRING RELOCATION WILL BE RELOCATED BY OTHERS.

WHEN RELOCATING UTILITIES AS REQUIRED FOR CONSTRUCTION OF DRAIN IMPROVEMENTS A MINIMUM CLEARANCE OF 36" BELOW THE BOTTOM OF PROPOSED DRAIN CROSSING MUST BE ACHIEVED UNLESS OTHERWISE SPECIFIED.

ALL WATER VALVE BOXES SHALL BE ADJUSTED TO FINISHED GRADE. COST SHALL BE INCLUDED IN THE PAY ITEM BEING INSTALLED.

ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

ALL MANHOLE RIMS IN ROADWAYS AND DRIVES SHALL BE ADJUSTED PRIOR TO FINAL PAVING TO BE FLUSH WITH FINISHED GRADE.

GRADING AROUND MANHOLES/CATCHBASINS, FLARED END SECTIONS, AND OTHER INLETS DETERMINED BY THE ENGINEER SHALL BE SMOOTH AND SHAPED TO PROVIDE POSITIVE DRAINAGE INTO THE INLETS.

ALL CORRUGATED METAL PIPE SHALL BE TYPE II ALUMINIZED UNLESS OTHERWISE NOTED.

DEMOLISH EXISTING STRUCTURE(S) AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. COST TO BE INCLUDED WITH THE ITEM BEING INSTALLED AS DIRECTED BY OWNER/ENGINEER.

CONTRACTOR SHALL CONNECT ANY AND ALL FIELD TILE OUTLETS AND OTHER STORM LEADS TO PROPOSED STORM SEWER WITH PREMANUFACTURED TEES, WYES, GASKETS, SEALS, COUPLERS, BOOTS, ETC. COST TO BE INCLUDED IN UNIT BID PRICE FOR STORM SEWER INSTALLATION.

SYMBOL LEGEND

EXISTING SYMBOLS

- MANHOLE
- CATCH BASIN
- CURB CATCH BASIN
- FIRE HYDRANT
- GAS VALVE
- WATER VALVE
- TELEPHONE PEDESTAL
- POWER POLE
- TELEPHONE POLE
- POWER AND TELEPHONE POLE
- LIGHT POLE
- GUY ANCHOR AND POLE
- MAIL BOX
- WATER METER
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- MONITORING WELL
- HAND HOLE
- TRANSFORMER
- ELECTRICAL PEDESTAL
- BARRIER FREE PARKING
- SPRINKLER
- RAILROAD SIGNAL
- ANTENNA
- SATELLITE DISH
- AIR CONDITIONING UNIT
- SOIL BORING
- BENCH MARK
- FOUND SURVEY CORNER
- SET 1/2" IRON ROD
- 1/4 SECTION CORNER
- BREAK IN LINE
- EXISTING SIGN-1 POST
- EXISTING SIGN-2 POST
- STUMP
- WETLANDS
- PINE
- BUSH
- TREE

LINE TYPE LEGEND

-
- EXISTING ROAD CENTERLINE
-
- EXISTING WATER MAIN
-
- EXISTING SANITARY SEWER OR FORCEMAIN
-
- EXISTING STORM SEWER
-
- EXISTING TELEPHONE
-
- EXISTING GAS MAIN
-
- EXISTING ELECTRIC
-
- EXISTING FIBER OPTIC
-
- EXISTING CABLE/TV
-
- PROPOSED UTILITY
-
- EXISTING CURB & GUTTER
-
- PROPOSED CURB & GUTTER
-
- FENCE LINE
-
- OVERHEAD UTILITY
-
- RAILROAD TRACKS
-
- STATION LINE
-
- LIMITS OF RIGHT OF WAY
-
- EASEMENT
-
- SILT FENCE
-
- REVERSE PAN CURB & GUTTER
-
- TREE LINE
-
- EXISTING CONTOURS
-
- PROPOSED CONTOURS

ABBREVIATIONS

- BC = BACK OF CURB
- BM = BENCH MARK
- CB = CATCH BASIN
- C/C = CENTER TO CENTER
- CJ = CONSTRUCTION JOINT
- CL = CENTERLINE
- CMP = CORRUGATED METAL PIPE
- CONC = CONCRETE
- CORR = CORRUGATED
- CSP = CORRUGATED STEEL PIPE
- DI = DUCTILE IRON PIPE
- EF = EACH FACE
- ELEC = ELECTRIC
- EL OR ELEV = ELEVATION
- EOM = EDGE OF METAL
- EOP = EDGE OF PAVEMENT
- EQ/SP = EQUALLY SPACED
- ESMT = EASEMENT
- EW = EACH WAY
- EX OR EXIST = EXISTING
- FES = FLARED END SECTION
- FF = FINISH FLOOR
- FG = FINISH GROUND
- FL = FLOW LINE
- FS = FINISH SURFACE
- FT = FEET
- GALV = GALVANIZED
- G = GUTTER
- GA = GAUGE
- HDB = HOT DIP GALVANIZED
- HDPE = HIGH DENSITY POLYETHYLENE
- HMA = HOT MIX ASPHALT
- HOR = HORIZONTAL
- HP = HIGH POINT
- HYD = HYDRANT
- INV = INVERT
- LP = LOW POINT
- OC = ON CENTER
- OH = OVERHEAD
- IMH = MANHOLE
- MIN = MINIMUM
- MON = MONUMENT
- NFL = NOT FIELD LOCATED
- NTS = NOT TO SCALE
- PROP = PROPOSED
- PVC = POLYVINYL CHLORIDE
- RCP = REINFORCED CONCRETE PIPE
- ROW = RIGHT OF WAY
- SAN = SANITARY
- SB = SOIL BORING
- SS = STAINLESS STEEL
- STA = STATION
- STM = STORM
- SWR = SEWER
- T/B = TOP AND BOTTOM
- TC = TOP OF CURB
- T/B = TOP OF BANK
- TOS = TOE OF SLOPE
- TELE = TELEPHONE
- TRW = TOP OF RETAINING WALL
- TW = TOP OF WALK
- UG = UNDERGROUND
- UNO = UNLESS NOTED OTHERWISE
- VERT = VERTICAL
- WM = WATER MAIN
- WSEL = WATER SURFACE ELEVATION

PROPOSED SYMBOLS

- MANHOLE
- CATCHBASIN
- FIRE HYDRANT
- WATER VALVE
- BARRIER FREE PARKING
- LIGHT POLES
- DRAINAGE FLOW
- SPOT ELEVATION LABELS
- G = GUTTER
- TW = WALK
- TC = TOP OF CURB
- T/B = TOP OF BANK
- TOS = TOE OF SLOPE
- TELE = TELEPHONE
- TRW = TOP OF RETAINING WALL
- TW = TOP OF WALK
- UG = UNDERGROUND
- UNO = UNLESS NOTED OTHERWISE
- VERT = VERTICAL
- WM = WATER MAIN
- WSEL = WATER SURFACE ELEVATION

WATERSHED

LINE TYPE LEGEND

-
- EXISTING PROJECT DRAIN
-
- EXISTING DRAINS (OTHER)
-
- EXISTING DRAINAGE DISTRICT LINE
-
- PROPOSED DRAINAGE DISTRICT LINE
-
- PROPOSED SUB-DRAINAGE DISTRICT LINE

MICHIGAN ASSOCIATION OF COUNTY DRAIN COMMISSIONERS SOIL EROSION AND SEDIMENTATION CONTROL KEYING SYSTEM

KEY	SESC MEASURE	SYMBOL	WHERE USED
1	SEEDING		When bare soil is exposed, temporarily or permanently, to erosive force from wind and or water on flat areas, mid slopes, grassed waterways and spillways, diversion ditches and dikes, barrow and stockpile areas, and spoil piles.
2	MULCH		On flat areas, slopes, grassed waterways and spillways, diversion ditches and dikes, barrow and stockpile areas, and spoil piles when areas are subject to raindrop impact, and erosive force from wind or water.
5	Perimeter Sediment Control Measures (Silt Fence, Straw Wattles, etc.)		As a temporary measure used to capture sediment from sheet flow. May also divert small volumes of sheet flow to protected outlets.
15	RIPRAP		Riprap and toe of slope protection is used in areas where velocities are causing drain bank erosion and are too high to stabilize using other methods
26	DUST CONTROL		As a temporary measure on exposed and unstabilized areas that must be protected from wind or water erosion.

DETAILED DRAWINGS AND SPECIFICATIONS ARE LOCATED IN THE MICHIGAN ASSOCIATION OF COUNTY DRAIN COMMISSIONERS SOIL EROSION AND SEDIMENTATION CONTROL AUTHORIZED PUBLIC AGENCY PROCEDURES MANUAL

SYMBOLGY FOR INSERTION INTO CONSTRUCTION DRAWINGS:

= PERMANENT MEASURE

= TEMPORARY MEASURE

CONTACTS

GERALD FOURNIER ALPENA COUNTY DRAIN COMMISSIONER 720 W. CHISHOLM ST, STE 8 ALPENA, MI 49707 (989) 354-9888	OWNER
WARREN MILLER, P.E. SPICER GROUP, INC. 230 S. WASHINGTON AVENUE SAGINAW, MI 48605 (989) 754-4717	ENGINEER
MICHAEL SIZE HYDROLOGIC AND DAM SAFETY UNIT 2100 W. M-32 GAYLORD, MI 48735 (989) 619-4295	EGLE
CHRIS RATLIFF DCP MIDSTREAM LLC 6250 OLD STATE ROAD JOHANNESBURG, MI 49751 (989) 350-8363	GAS

PROJECT DATUM			
HORIZONTAL:		STATE PLANE CENTRAL MI 83 2113	
VERTICAL:		NORTH AMERICAN VERTICAL DATUM '88	
MLC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFP - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN			
CONTACTS, GENERAL NOTES, LINE TYPE LEGEND, AND SESC MEASURE LEGEND			
		SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax. 989-754-4440 www.SpicerGroup.com	
DE. BY:	POC/WTM	CH. BY:	WTM
DR. BY:	CBS	APP. BY:	RBH
PROJECT NO. 127253SG2019			
STDS.		SHEET 02 OF 09	DR 02
DATE	AUGUST, 2022	FILE NO.	
SCALE	NOT TO SCALE	DR-4142-02	



A map of the Beaver Lake area. A red line representing a road alignment runs horizontally across the map. A vertical black line, labeled 'M 65', intersects the red line. Below the intersection, an orange rectangle highlights a specific area. Inside this rectangle, a blue irregular shape represents a lake, with the text 'BEAVER LAKE' written above it. The map is divided into several rectangular sections by black lines.



- | | | | |
|----|------|-----------|------|
| | | | |
| BY | MARK | REVISIONS | DATE |

THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.

BEAVER LAKE
ALPENA COUNTY, MICHIGAN

*SPECIAL ASSESSMENT
DISTRICT BOUNDARY*



DE. BY: RKS
DB. BY: RKS

CH. BY: WTM
APP BY: RBH

PROJECT NUMBER	127253SG20
----------------	------------

STDS.

	SHEE
--	------

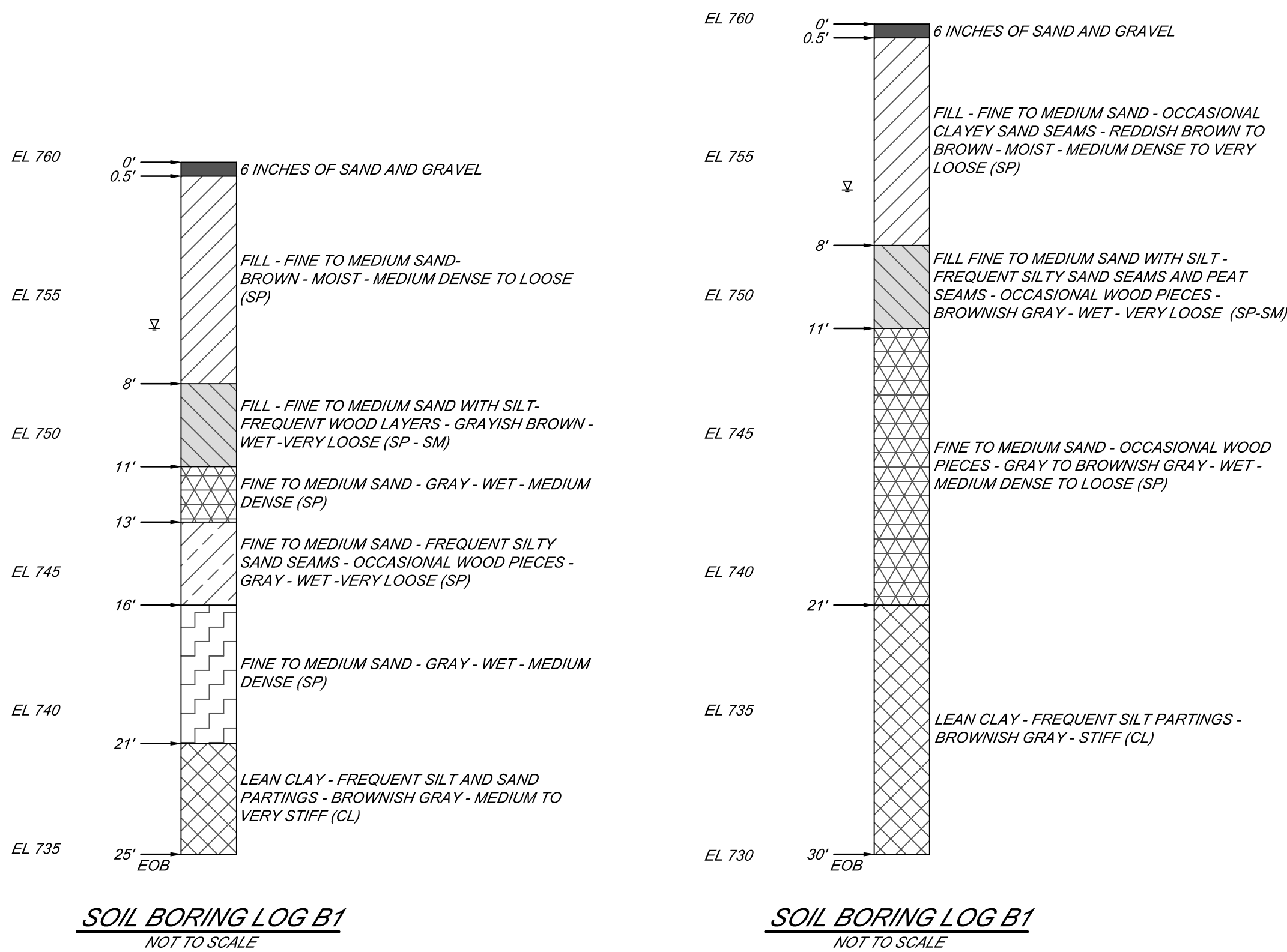
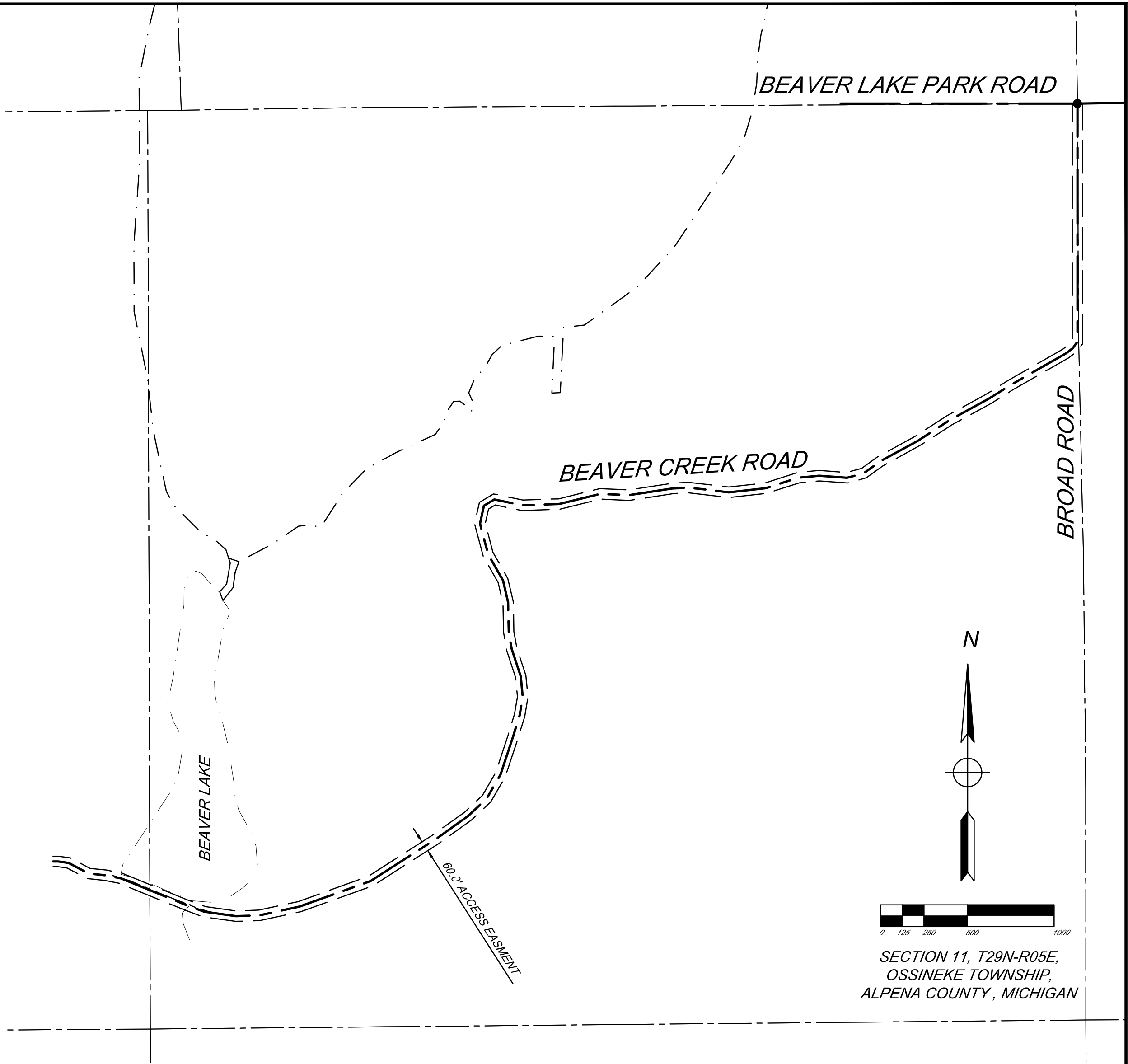
OF	6
----	---

DATE: OCTOBER 202
SCALE: AS SHOWN

FILE NO. *DR-4142-03*

	DR
	3

PATH: Q:\PROJ\2019\12725\SG2019 - REAVER LAKE DAM\GEODATA\ASSESSMENT\CONTROL\ASSESSMENT\CONTROL\APRX PRINTED ON: 9/28/2021 BY: WARREN



- NOTES**
- PART 307 LEGAL LAKE LEVEL
 - SUMMER ELEVATION 757.08 NAVD88
 - WINTER ELEVATION 755.58 NAVD88

- DEMOLITION NOTES**
- CONTRACTOR TO REMOVE THE FOLLOWING EXISTING ITEMS:
- CONCRETE APRON
 - STEEL BRIDGE SHEET PILE WEIR
 - (3) 15" CMP CULVERTS CULVERTS
 - 24" CMP CULVERT
 - ANY CONCRETE HEADWALLS AND WINGWALLS
 - ANY CONCRETE ABUTMENTS OR OTHER BURIED STRUCTURES IN THE AREA OF EXCAVATION OF THE PROPOSED IMPROVEMENTS. IN SUMMARY COMPLETE REMOVAL OF THE EXISTING STRUCTURE

ALL DERBIS TO BE HAULED OFFSITE TO APPROVED LOCATION. LOCATION SHALL BE APPROVED BY ENGINEER. COST TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR DEMOLITION.

BENCHMARKS

BM 200 - GEAR SPIKE IN NORTH FACE OF 15" TREE, 60± EAST OF DAM, 15± SOUTH OF CL ROAD

EL 758.827

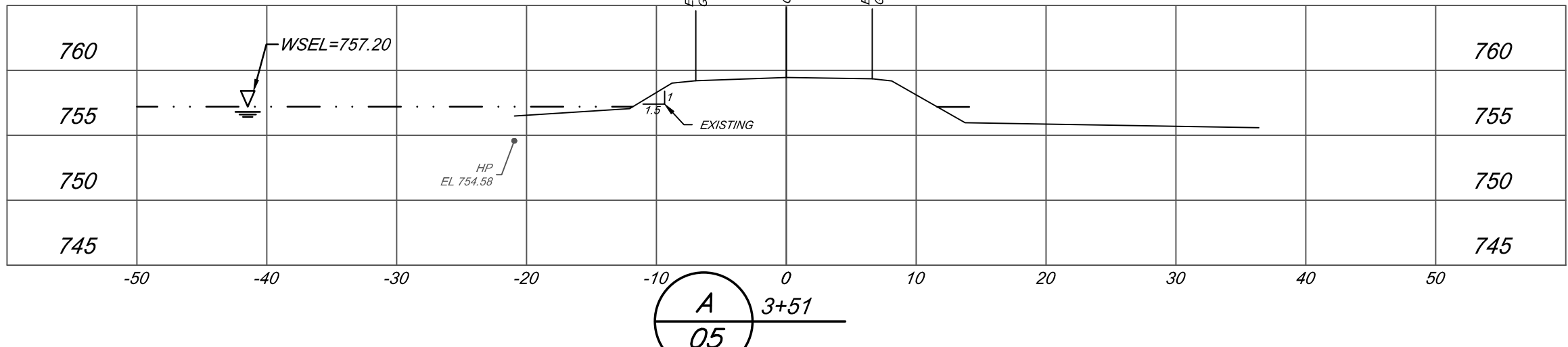
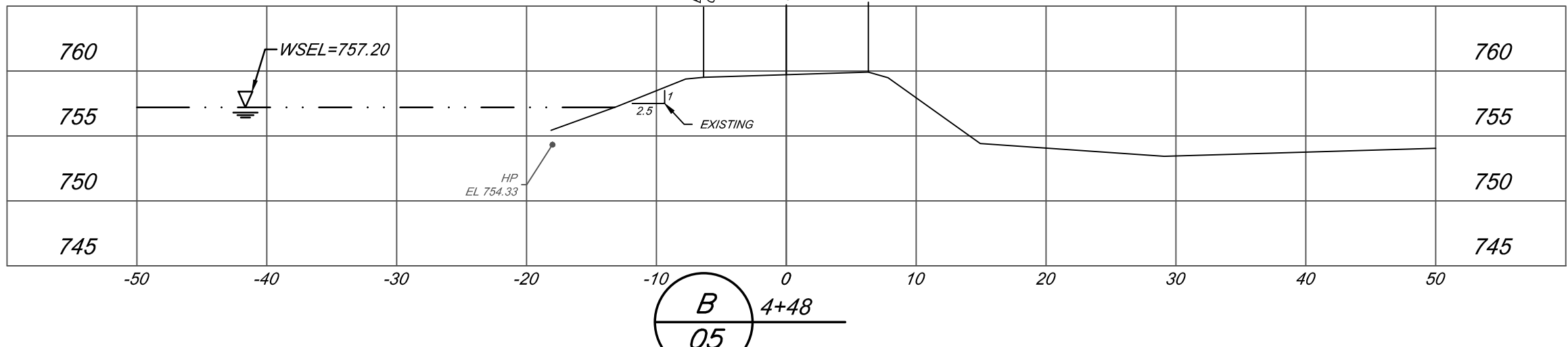
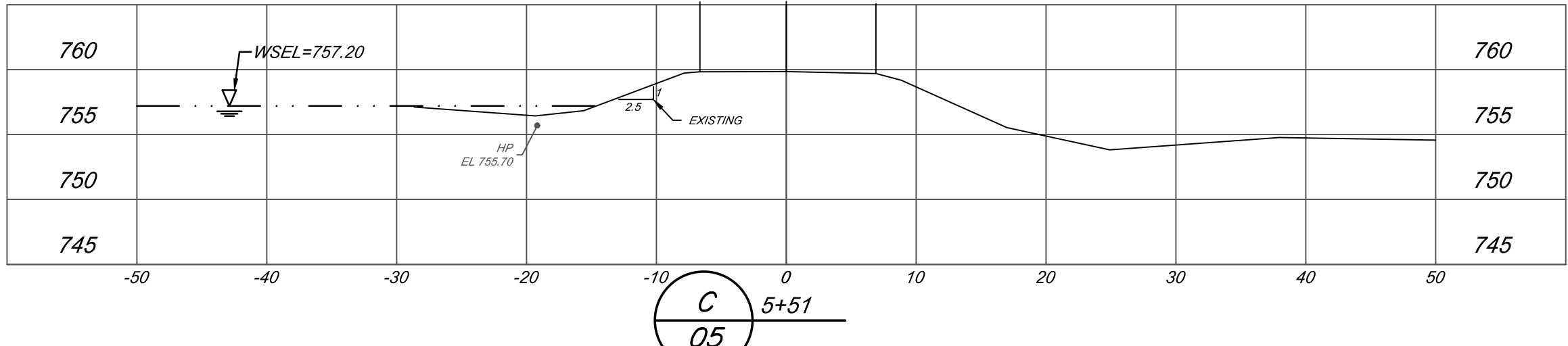
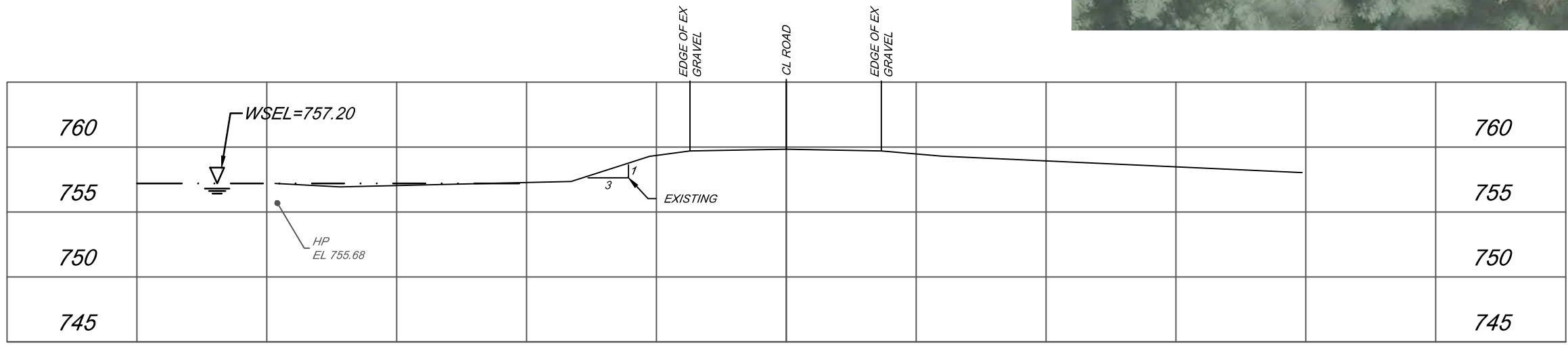
LEGEND

(R) - ITEMS TO BE REMOVED

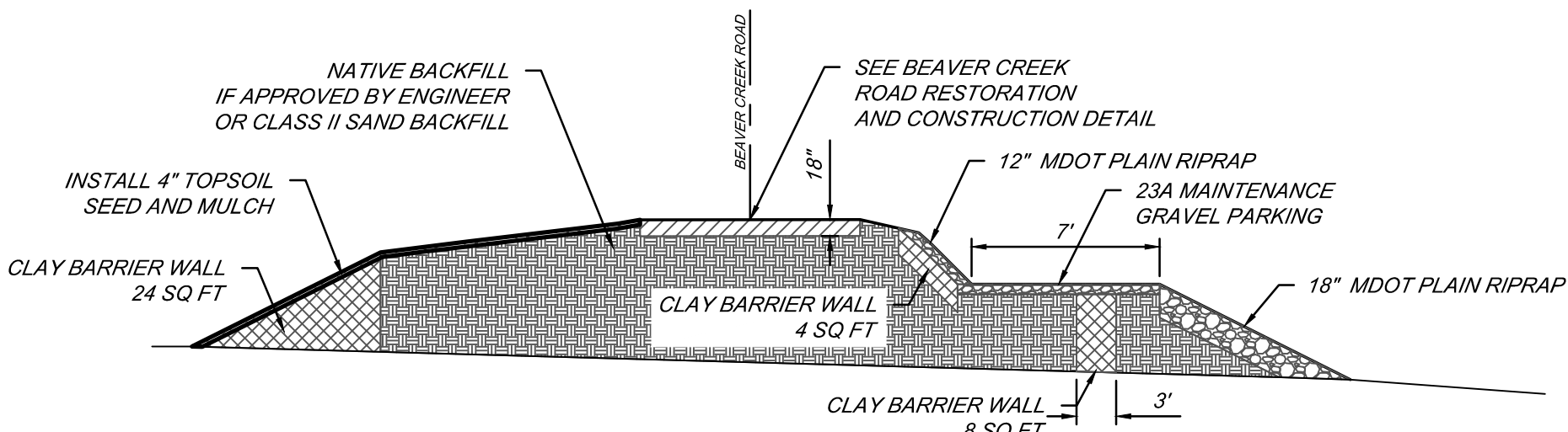
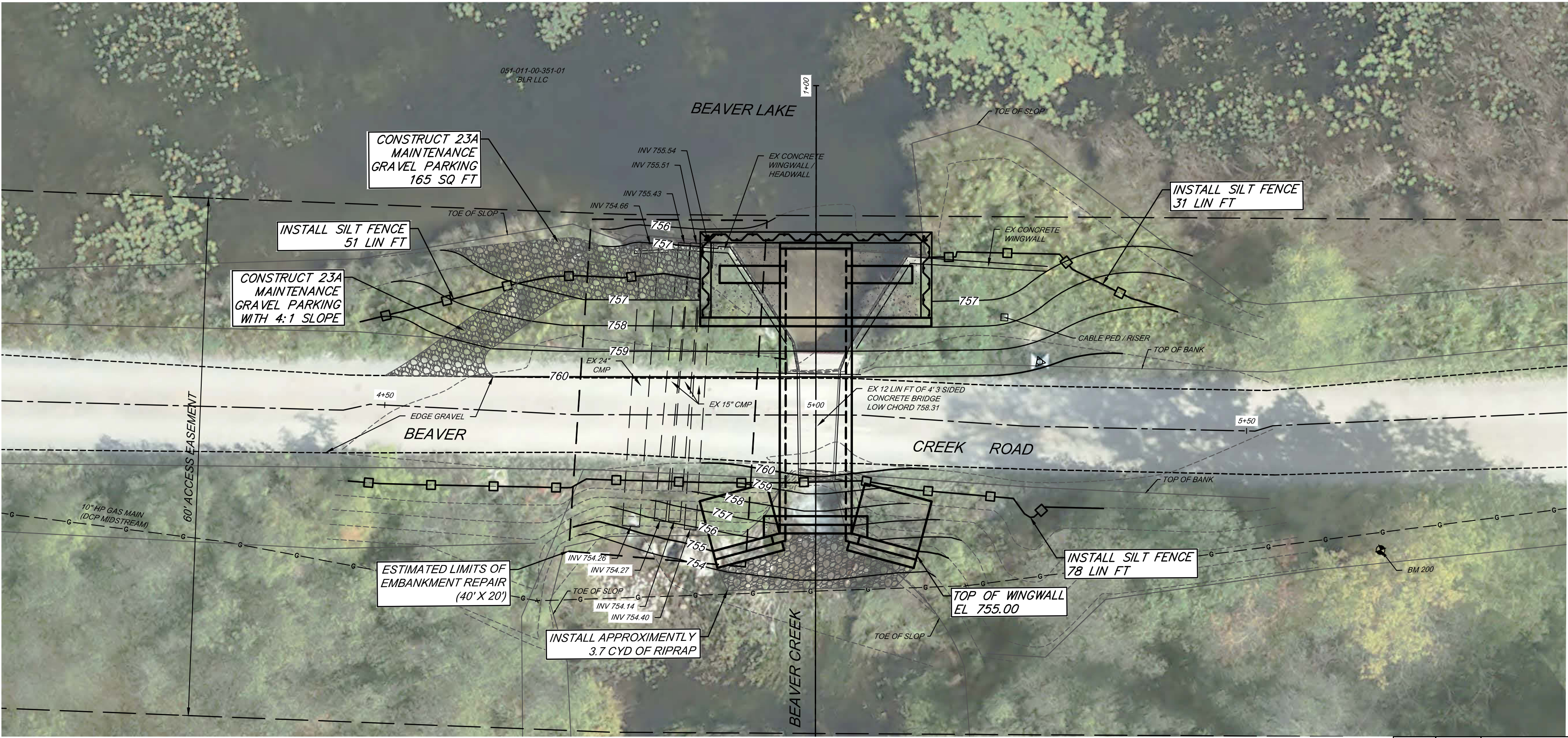
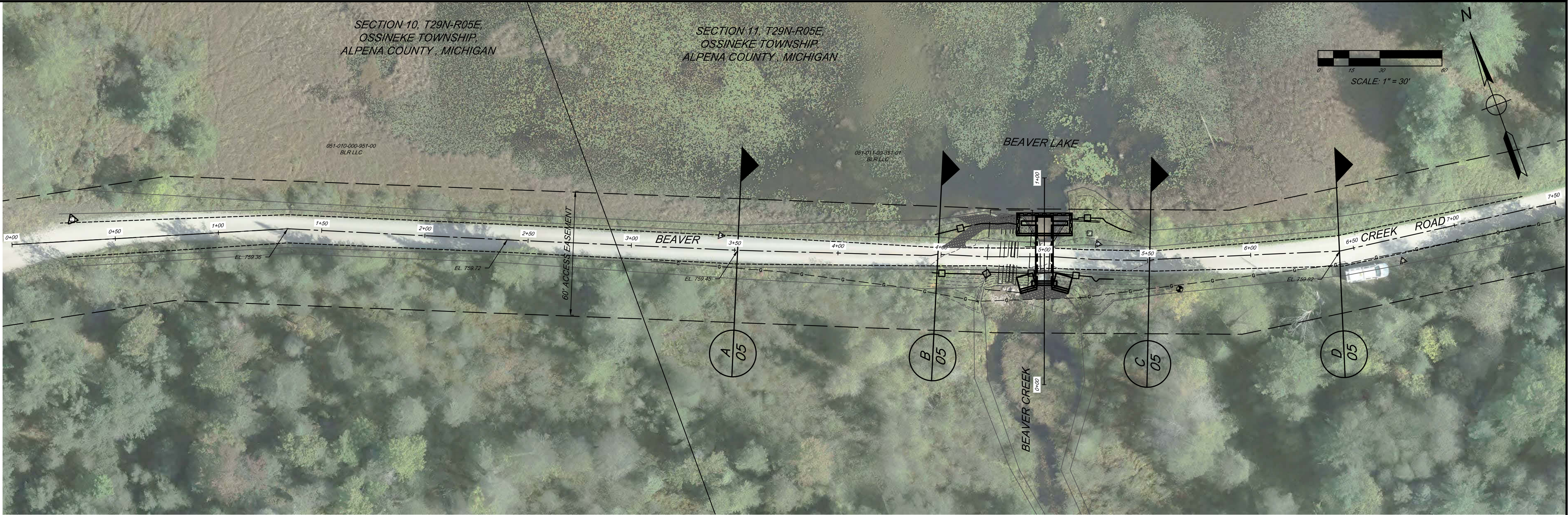
MUC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFB - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN			
EXISTING SITE PLAN			
DE. BY: POC/WTM DR. BY: POC		CH. BY: WTM APP. BY: RBH	
PROJECT NO. 127253SG2019		SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax 989-754-4440 www.SpicerGroup.com	
STDS.		SHEET 04 OF 09	
DATE AUGUST, 2022		FILE NO. DR-4142-04	
SCALE 1" = 10'		DR 04	

EROSION CONTROL TABLE				
KEY*	FROM STATION	TO STATION	SIDE	DESCRIPTION
1 P	-	-	BOTH	SEEDING OF ALL DISTURBED
2 T	-	-	BOTH	MULCH OF ALL DISTURBED AREAS
5 T	AS STAKED BY ENGINEER	-	-	SILT FENCE
15 P	AS STAKED BY ENGINEER	-	-	PLAIN RIPRAP
				QTY.
				LUMP SUM
				LUMP SUM
				160 LIN FT
				100 SQ YD

NOTE: COORDINATE INSTALLATION OF EROSION CONTROL STRUCTURES WITH ENGINEER PRIOR TO CONSTRUCTION. LOCATIONS, QUANTITIES, OR TYPES MAY VARY BASED ON FIELD DECISIONS.



EMBANKMENT CROSS SECTIONS
SCALE: 1" = 10'



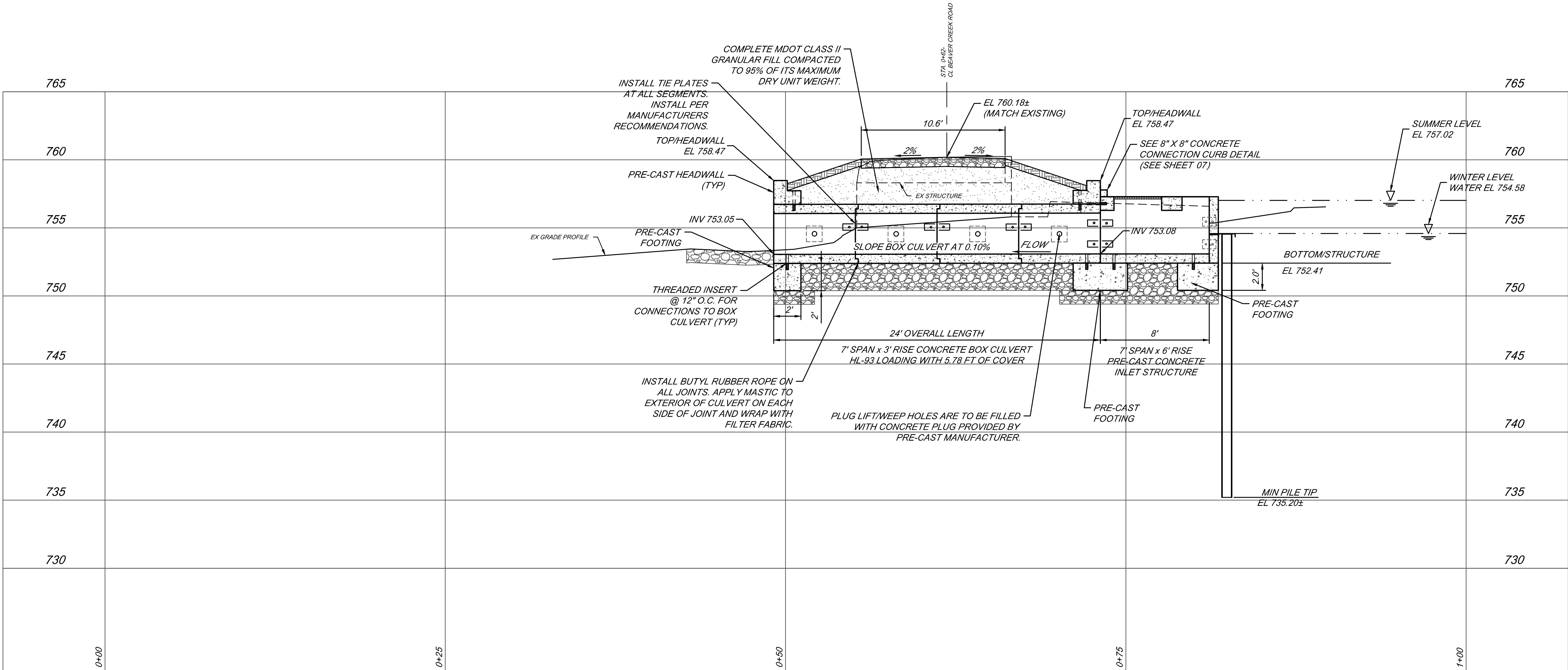
- CONSTRUCTION NOTES**
- DRAW DOWN TO BE DONE IN COMPLIANCE WITH EGLE PERMIT.
 - INSTALL SILT FENCE AS SHOWN AND AS DIRECTED BY FIELD ENGINEER.
 - NO PROPOSED EXCAVATION TO EMBANKMENT OTHER THAN REPAIR WHERE EXISTING CMP CULVERTS ARE REMOVED.
 - CONTRACTOR SHALL REMOVE BRUSH ON EMBANKMENT (UPSTREAM AND DOWNSTREAM FACE) FROM STA 0+50 TO STA 7+00. PRICE INCLUDED IN LUMP SUM BID FOR SITE CLEARING.

BENCHMARKS

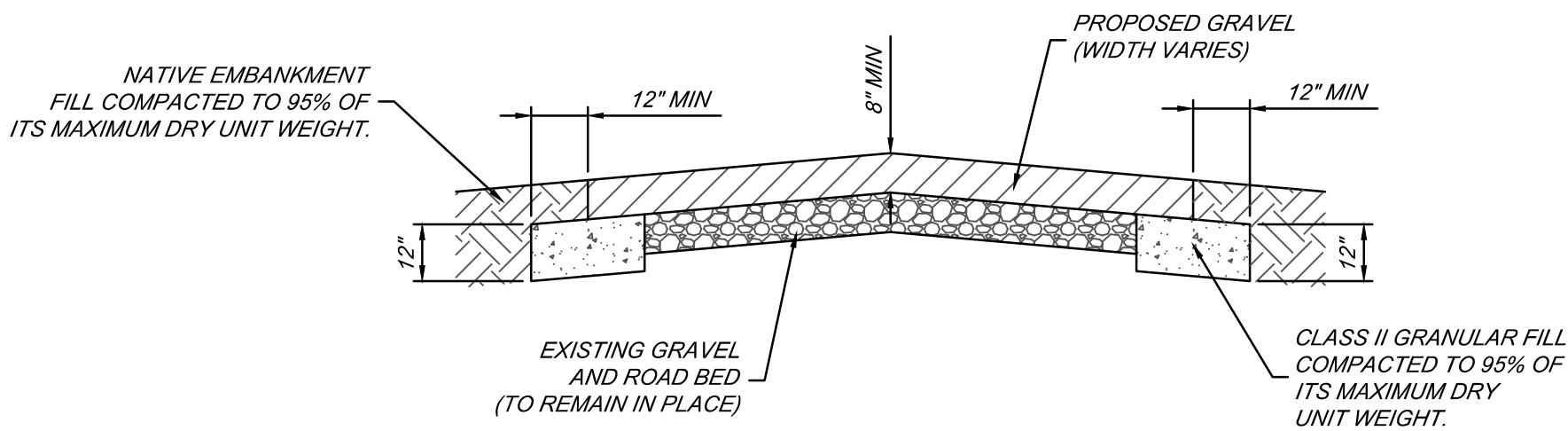
BM 200 - GEAR SPIKE IN NORTH FACE OF 15" TREE, 60% EAST OF DAM, 15% SOUTH OF CL ROAD

EL 758.827

MJC	IFB - ISSUED FOR BID	8/10/2022
CBS	IFB - ISSUED FOR PERMIT	6/6/2022
BY	MARK	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.		
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN		
OVERALL SITE PLAN AND SESC PLAN		
SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax 989-754-4440 www.SpicerGroup.com		
DE. BY: POC/WTM	CH. BY: WTH	PROJECT NO. 127253SG2019
DR. BY: POC	APP. BY: RBH	
STDS.	SHEET 05 OF 09	DR 05
DATE: AUGUST, 2022	FILE NO. DR-4142-05	
SCALE: AS SHOWN		

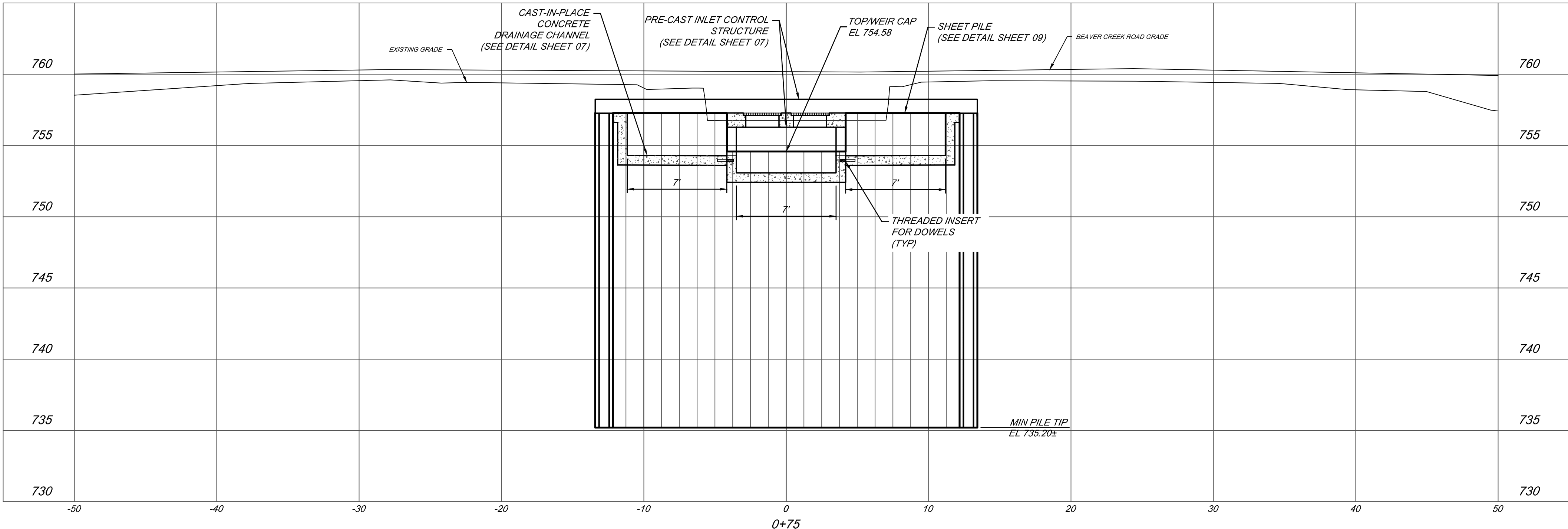


PROFILE VIEW
SCALE: 1" = 5'

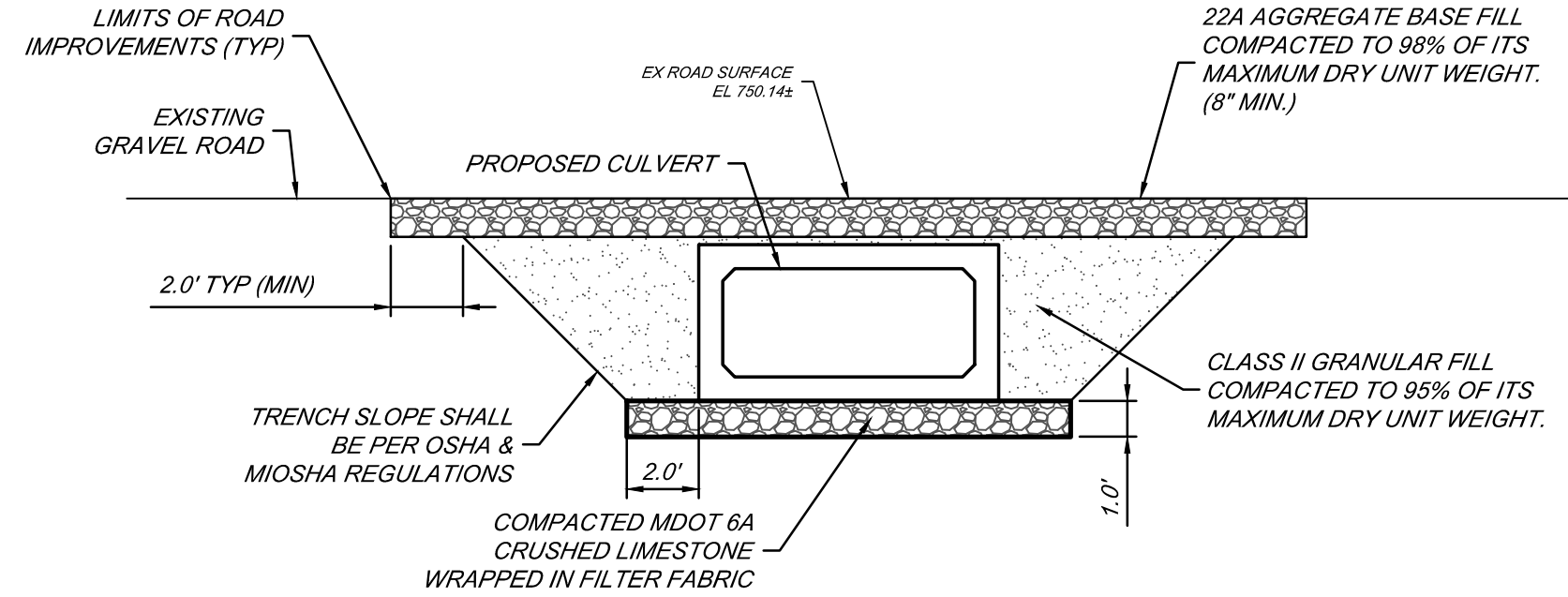


BEAVER CREEK ROAD
RESTORATION AND CONSTRUCTION DETAIL
NOT TO SCALE

- CONSTRUCTION NOTES**
- ALL EXCESS SPOILS FROM CULVERT INSTALLATION SHALL BE HAULED OFFSITE. COST TO BE INCLUDED IN BID PRICE FOR BOX CULVERT.
 - ALL BOX CULVERT JOINT SHALL UTILIZE BUTYL RUBBER ROPE TO SEAL THE JOINT. JOINTS SHALL BE GROUTED ON THE INTERIOR FOLLOWING INSTALLATION AND SHALL BE WRAPPED WITH 2' WIDE FILTER FABRIC ADHERED TO THE EXTERIOR OF THE BOX CULVERT WITH MASTIC.
 - ALL JOINTS SHALL BE SEALED ACROSS THE TOP AND 2 FEET VERTICALLY DOWN THE SIDES WITH MDOT APPROVED PREFORMED JOINT WATER PROOFING.
 - LOAD RATING TO BE SUBMITTED WITH SHOP DRAWINGS BY PRE-CAST MANUFACTURER. CULVERT MUST MEET ALL MICHIGAN LEGAL LOADS AND OVERLOAD CLASS A.
 - FOOTING DESIGN AND STRUCTURAL DESIGN OF ALL PRE-CAST COMPONENTS TO BE VERIFIED BY MANUFACTURER.
 - FOOTING SHALL BE CONNECTED TO BOX WITH GROUT AND PIN CONNECTION. USING #5 BAR PINS @ 12" SPACING.
 - UTILIZE #5 THREADED DOWEL @ 12" ON CENTER ON INLET STRUCTURE, BOX CULVERT, AND WINGWALLS. THREADED DOWEL SHALL HAVE MINIMUM 12" EMBED INTO CAST IN PLACE CONCRETE CLOSURE POUR.
 - SEE SHEET 07 FOR HEADWALL AND WINGWALL DETAILS.
 - ALL PRECAST CONCRETE COMPONENTS SHALL HAVE A MINIMUM OF 12" 6A CRUSH LIMESTONE BEDDING UNLESS OTHERWISE NOTED.
 - ALL UNDERCUTTING AND BEDDING SHOWN ON PLAN IS INCLUDED IN THE BID PRICE FOR BOX CULVERT. SUB GRADE UNDERCUTTING WILL ONLY BE PAID FOR EXCAVATION AND FILLING OUTSIDE OF WHAT IS SHOWN ON DRAWINGS.
 - ALL SAND BACKFILL INCLUDED IN BID ITEMS FOR CONCRETE BOX CULVERT, INLET CONTROL STRUCTURE, AND GRAVEL ROAD RESTORATION CONSTRUCTION.
 - PRE-CAST CONCRETE FOOTING SHALL MATCH WIDTH OF CONCRETE BOX CULVERT AND PRE-CAST CONCRETE INLET STRUCTURE.

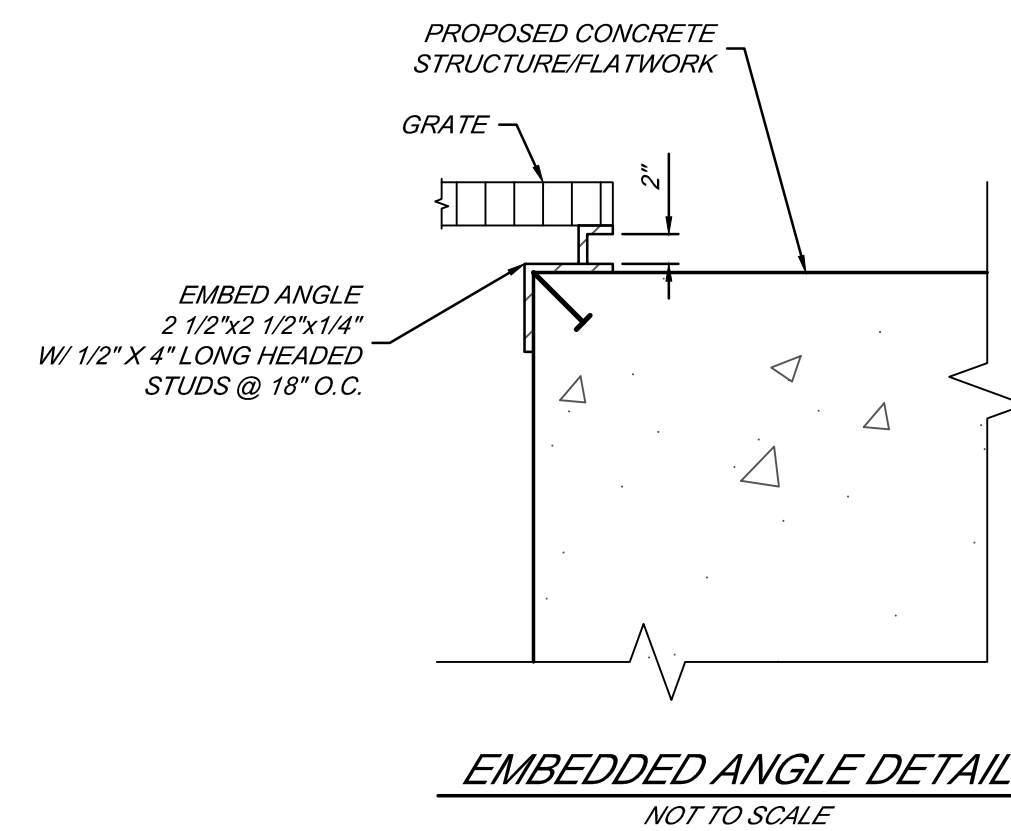
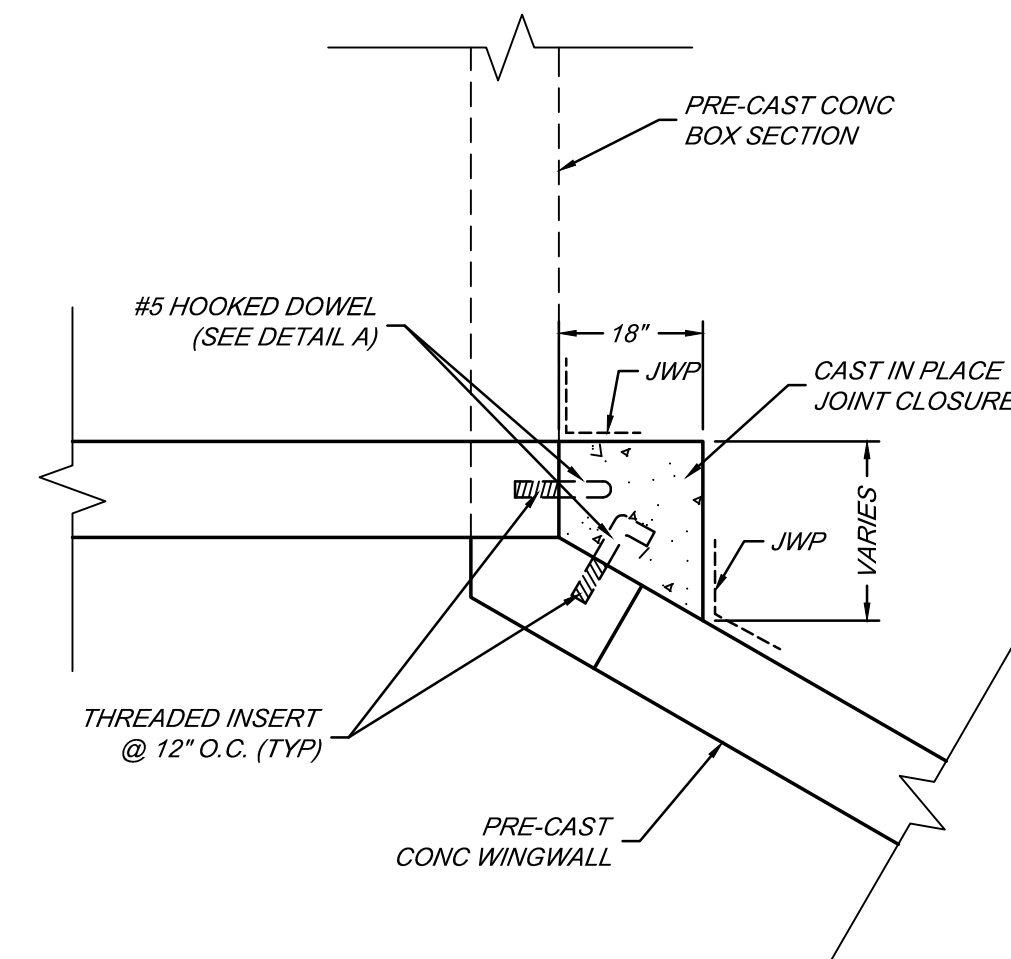
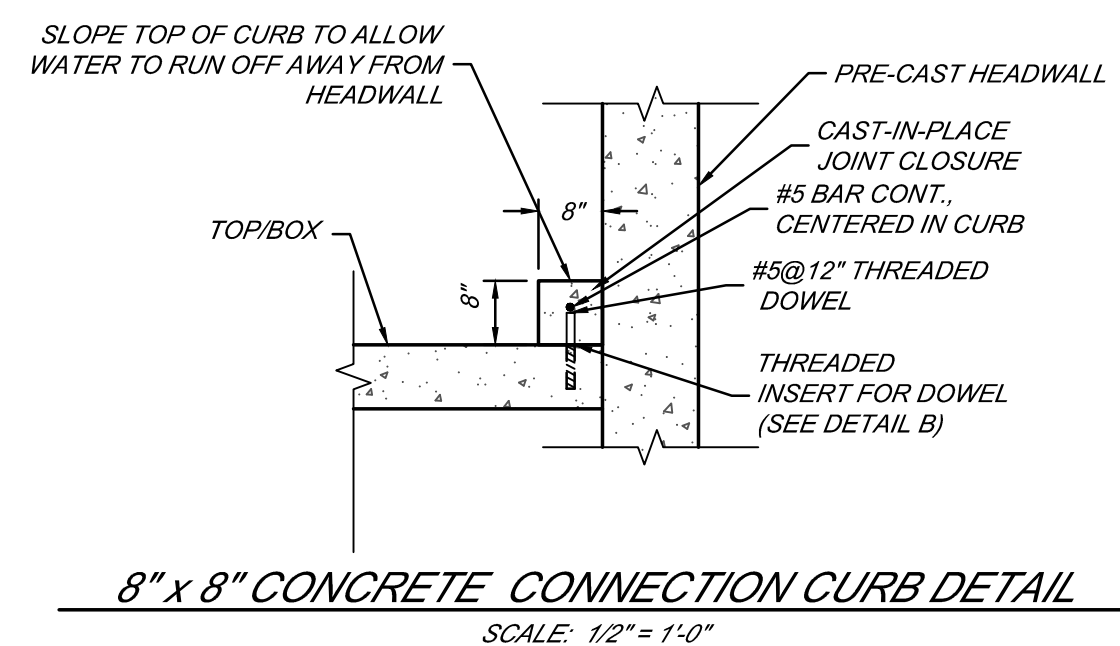
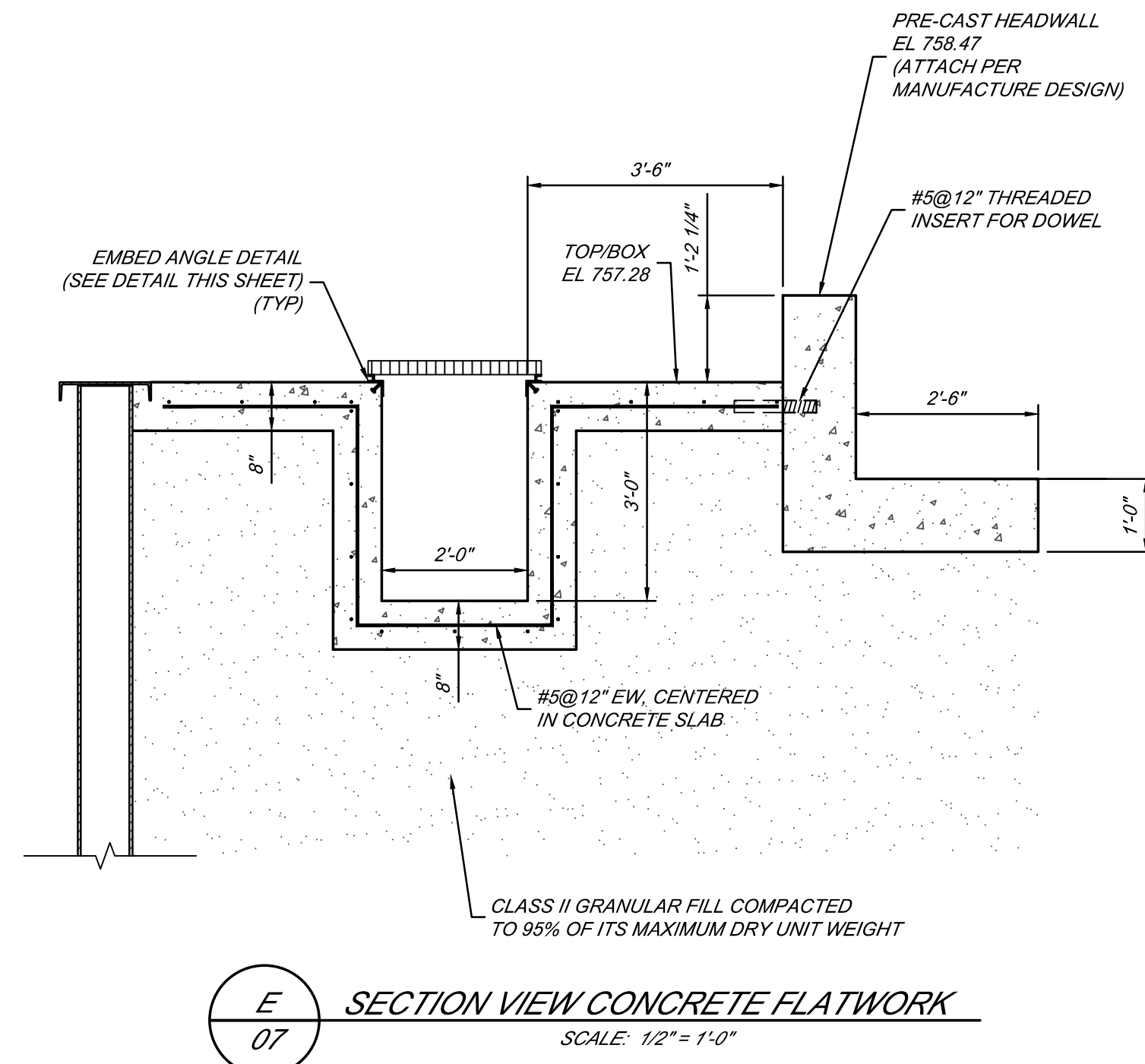
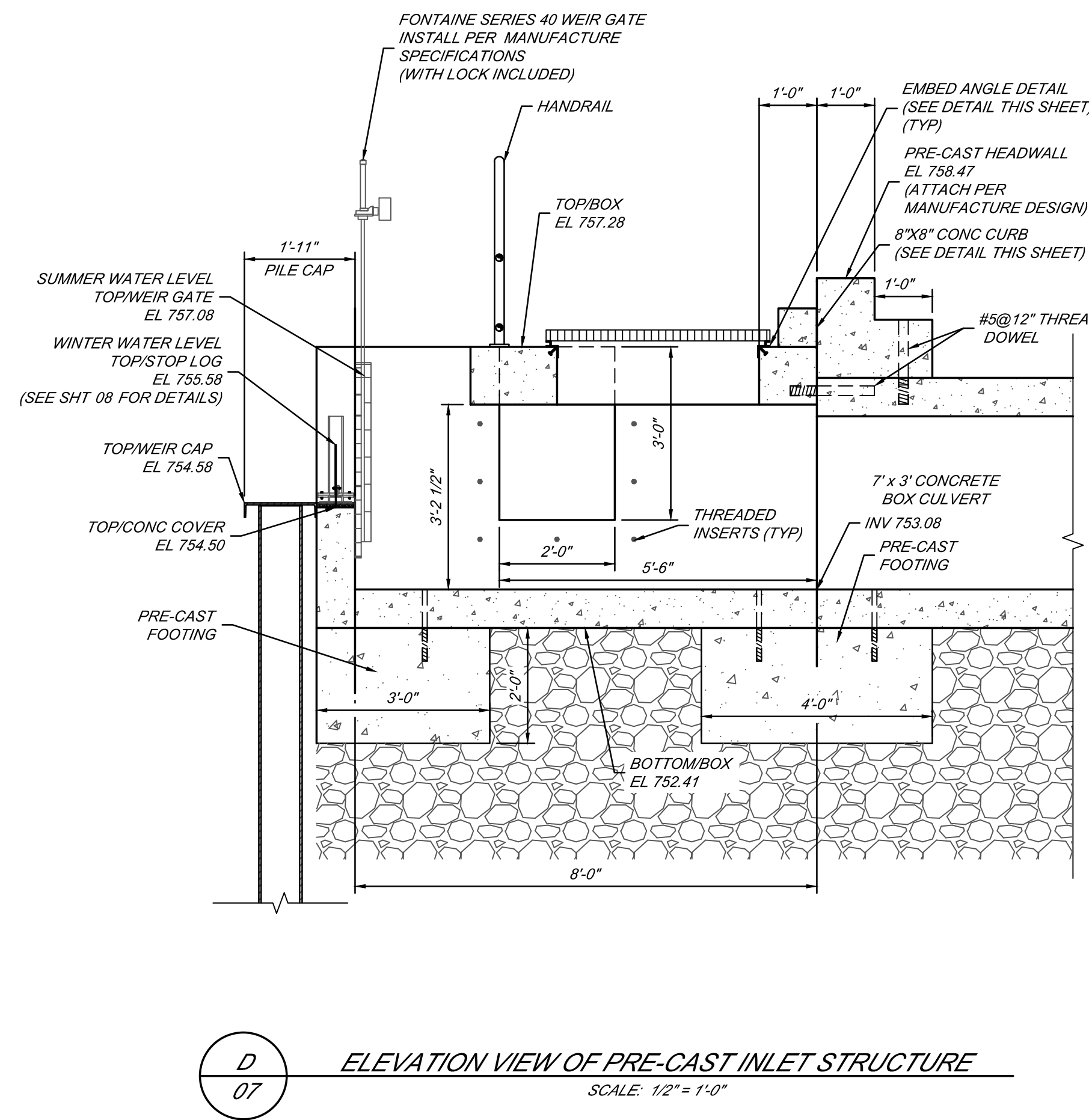
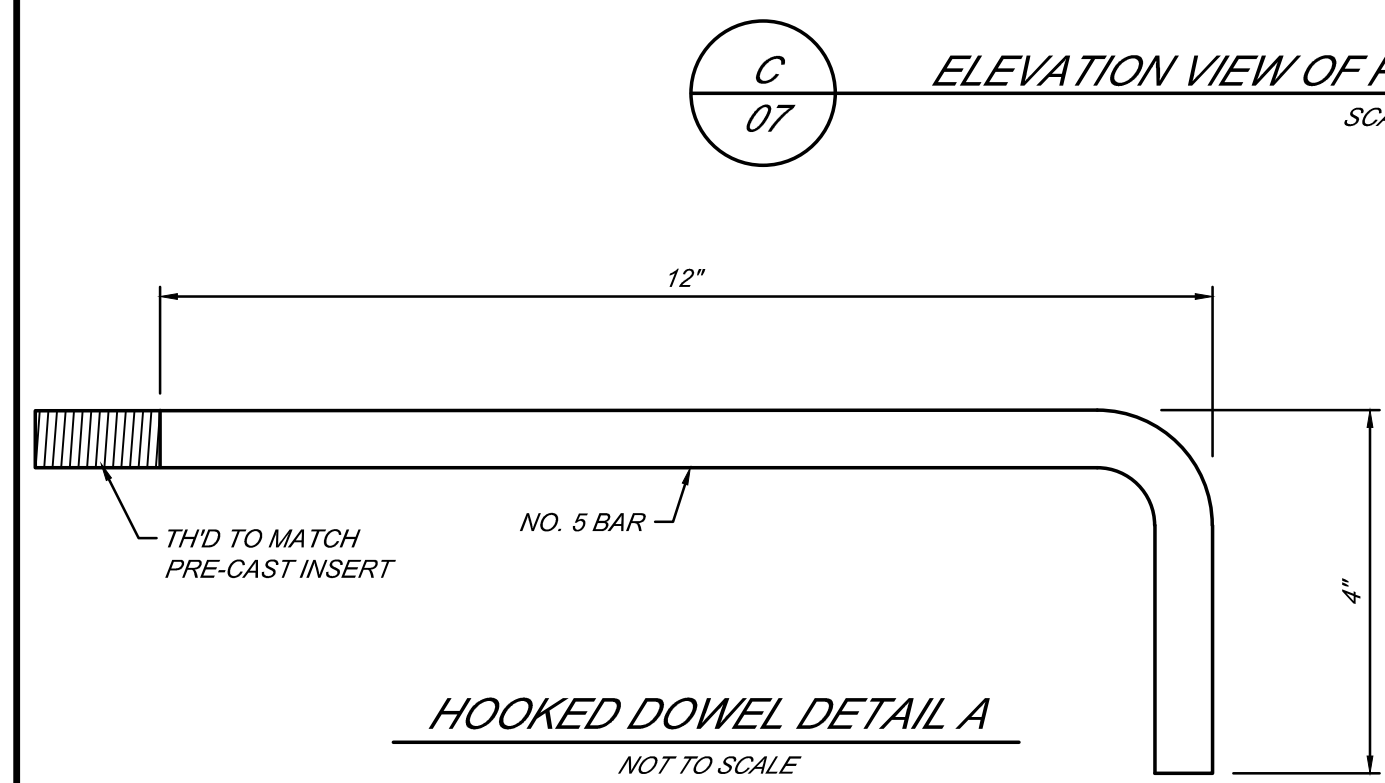
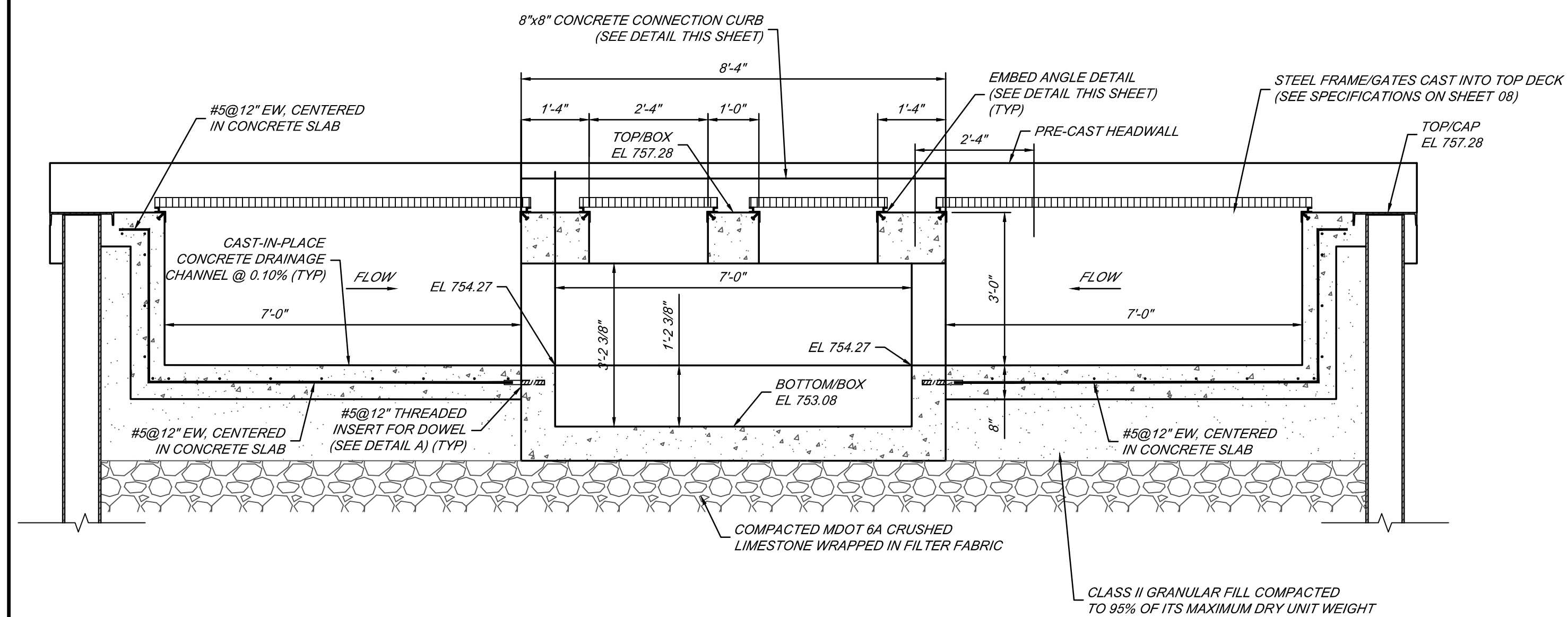
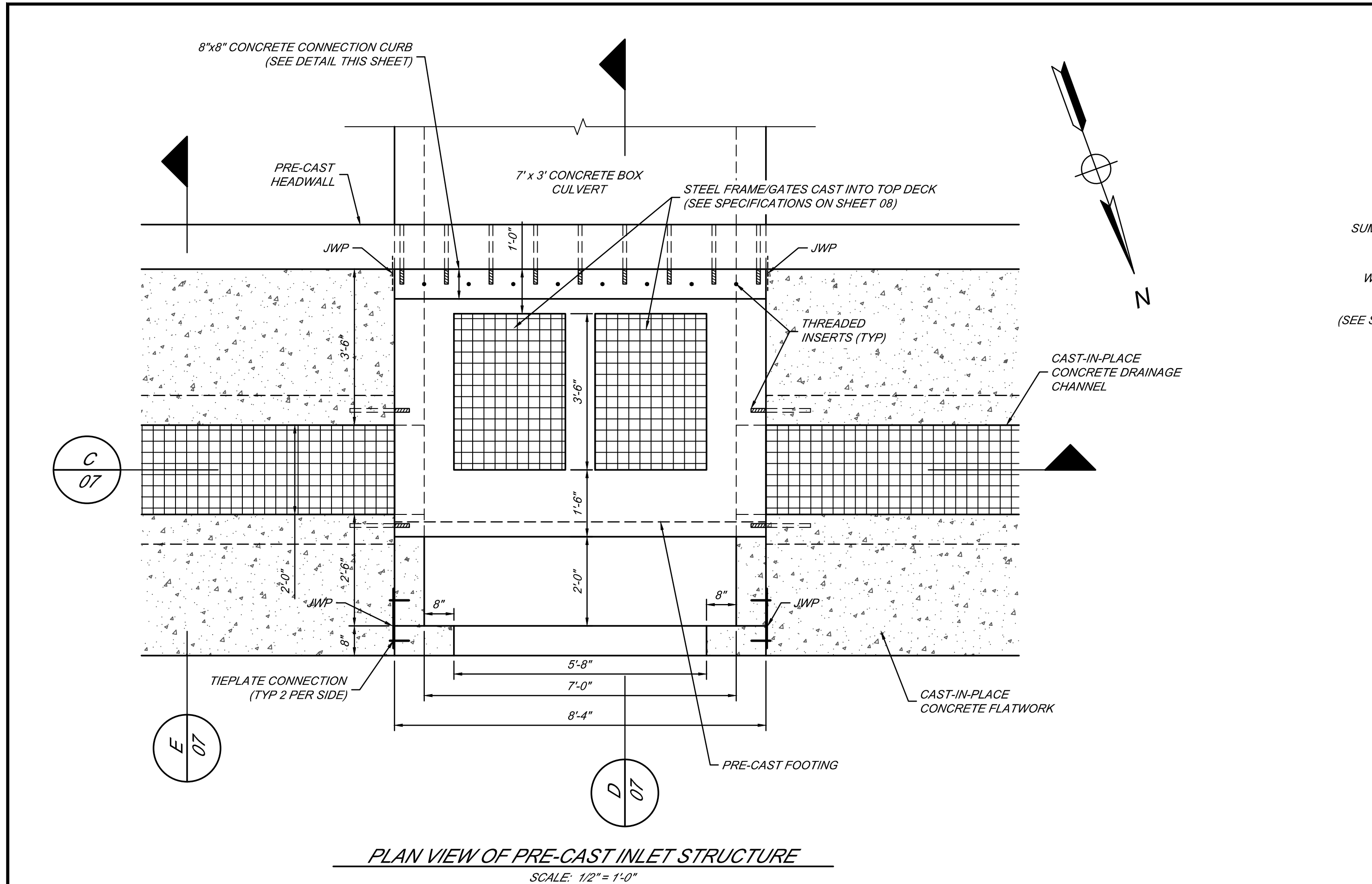


CROSS SECTION VIEW
SCALE: 1" = 5'

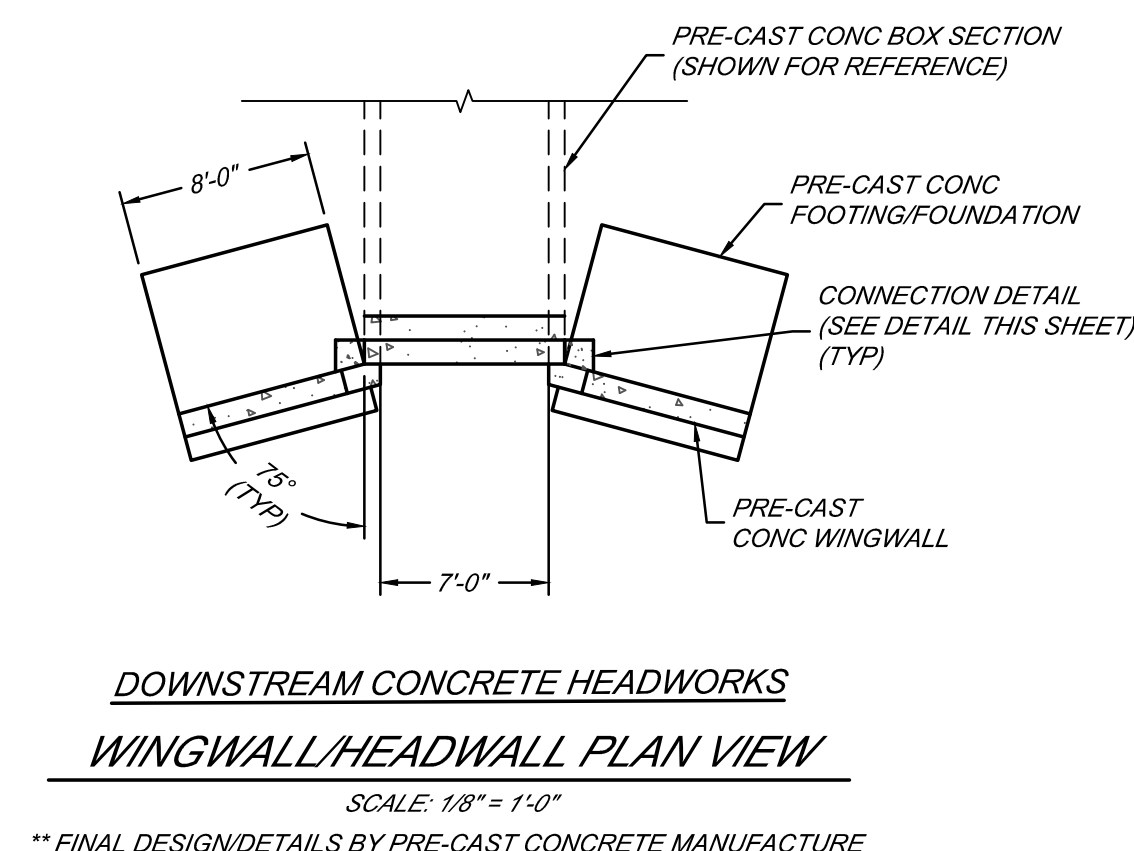
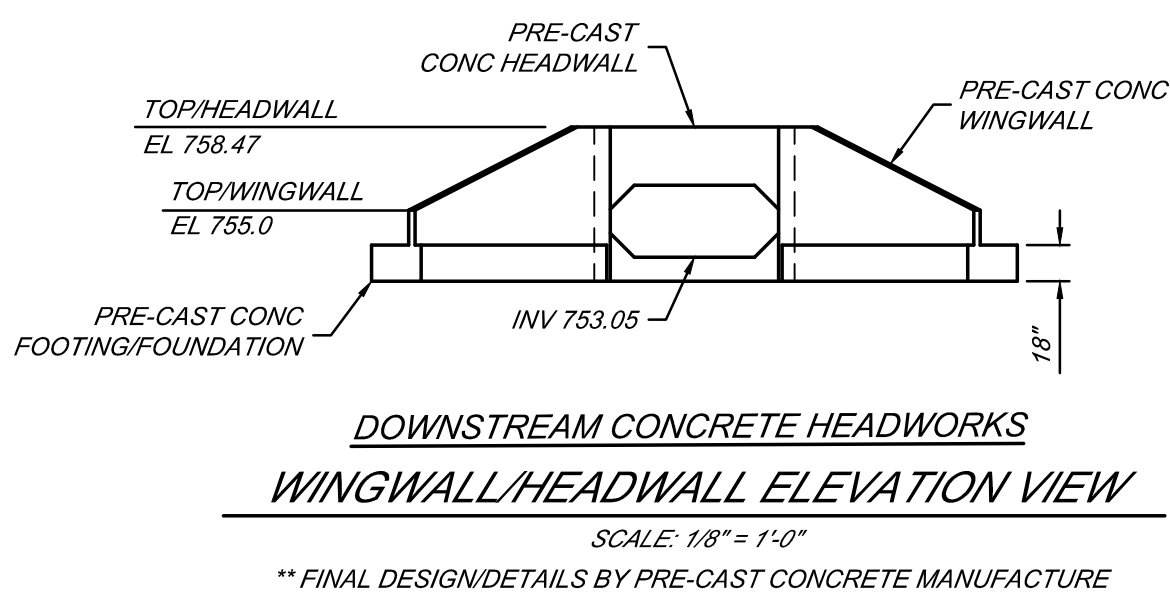


BEAVER CREEK ROAD OVER BOX CULVERT
GRAVEL ROAD RESTORATION DETAIL
NOT TO SCALE

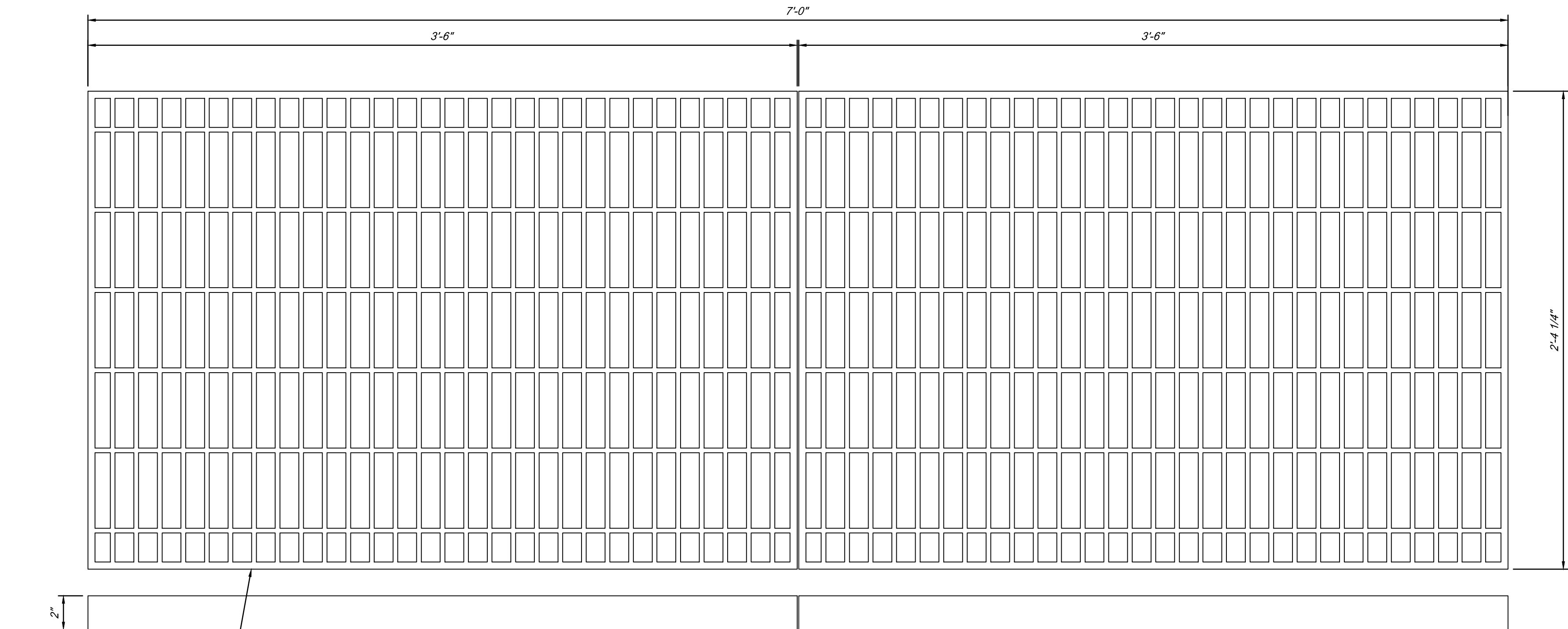
MUC	IFB - ISSUED FOR BID	8/10/2022
CBS	IFB - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS
DATE		
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.		
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN		
PROFILE VIEW CROSS SECTION VIEW GRAVEL ROAD RESTORATION AND ELEVATION DETAILS		
		
DE. BY: POC/WTM	CH. BY: WTM	PROJECT NO. 127253SG2019
DR. BY: POC	APP. BY: RBH	
STDS.	SHEET 06 OF 09	DR
DATE: AUGUST, 2022	FILE NO. DR-4142-06	06
SCALE	SCALE	



- GENERAL NOTES**
- JWP DENOTES JOINT WATERPROOFING.
 - ALL EDGES SHALL HAVE 1" CHAMFER.
 - HOOKE DOWEL SHALL EXTEND FROM THREADED INSERT 12" HORIZONTALLY AND INCLUDE 4" LONG TAIL.
 - ALL FABRICATED ITEMS REQUIRE APPROVED SHOP DRAWING PRIOR TO FABRICATION.

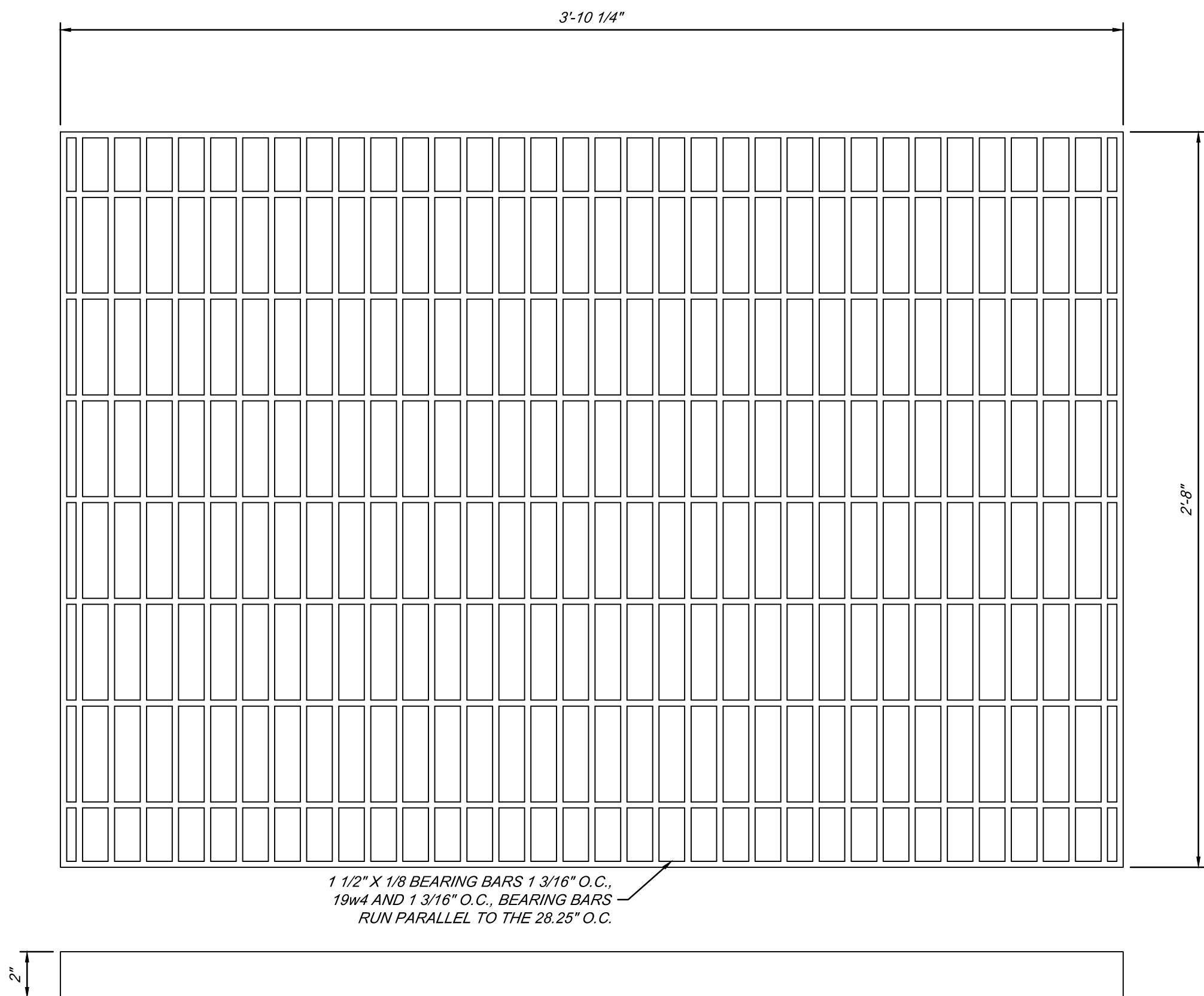


MUC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFP - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN			
CONTROL STRUCTURE AND HEADWALL/WINGWALL DETAILS			
Saginaw Office 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax 989-754-4440 www.SpicerGroup.com		PROJECT NO. 127253SG2019	
DE. BY: POC/WTM	CH. BY: WTM	SHEET 07 OF 09	
DR. BY: CBS	APP. BY: RSH		
STDS.	FILE NO.	DR-4142-07	
DATE: AUGUST, 2022	FILE NO.		
SCALE: AS SHOWN	FILE NO.	DR-4142-07	

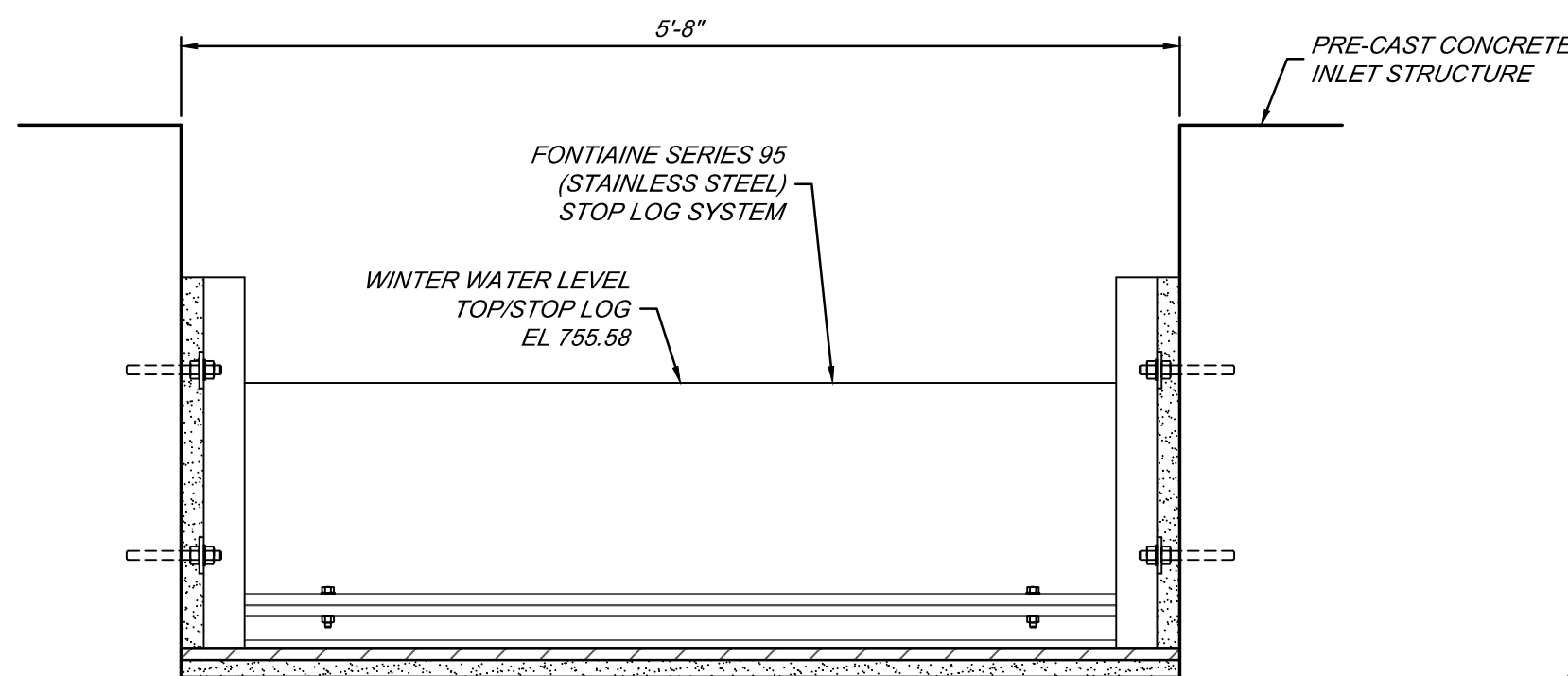


3 SECTIONS
1 1/2" X 1/8" BEARING BARS 1 3/16" O.C.,
19w4 AND 1 3/16" O.C., BEARING BARS
RUN PARALLEL TO THE 34.25" O.C.

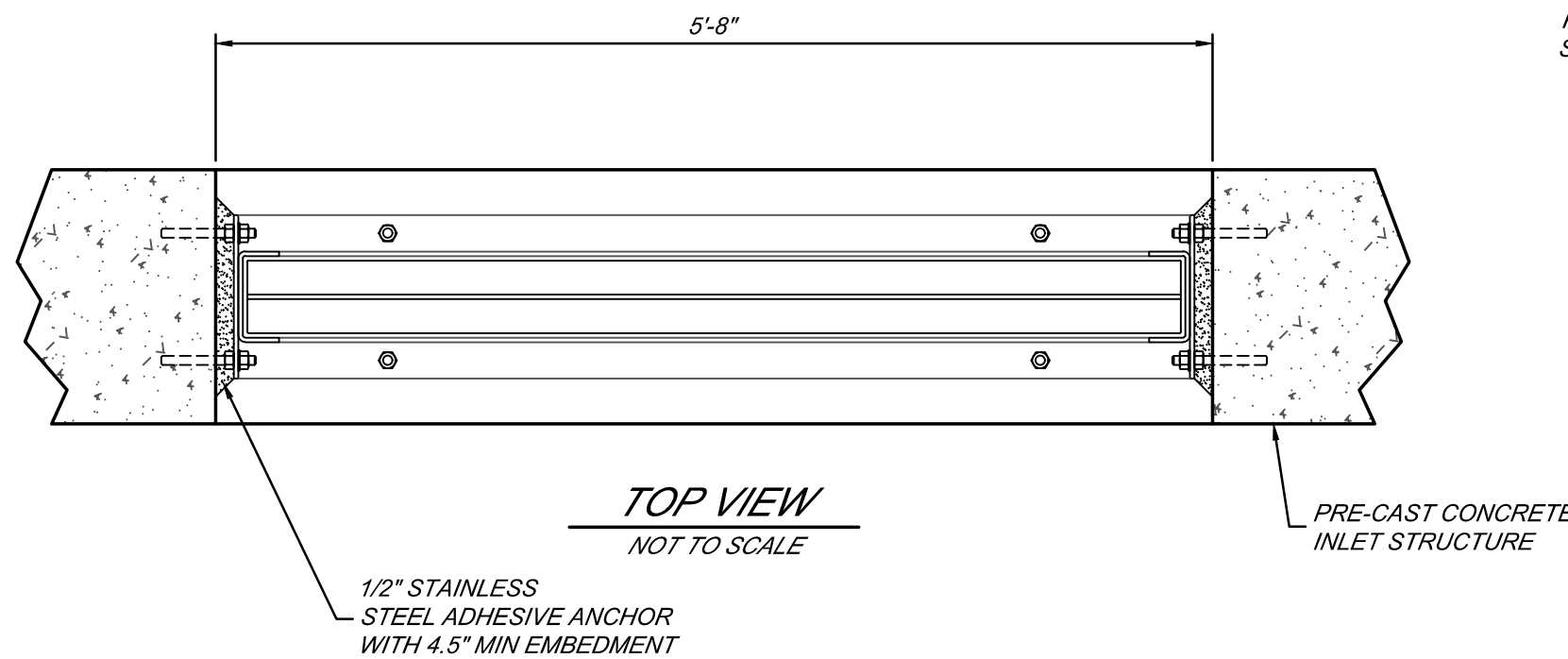
GRATE DETAIL
CAST-IN-PLACE
CONCRETE DRAINAGE CHANNEL
NOT TO SCALE
NOTE: GRATE SHALL BE HOT DIPPED GALVANIZED



GRATE DETAIL
PRE-CAST CONCRETE INLET STRUCTURE
NOT TO SCALE
NOTE: GRATE SHALL BE HOT DIPPED GALVANIZED

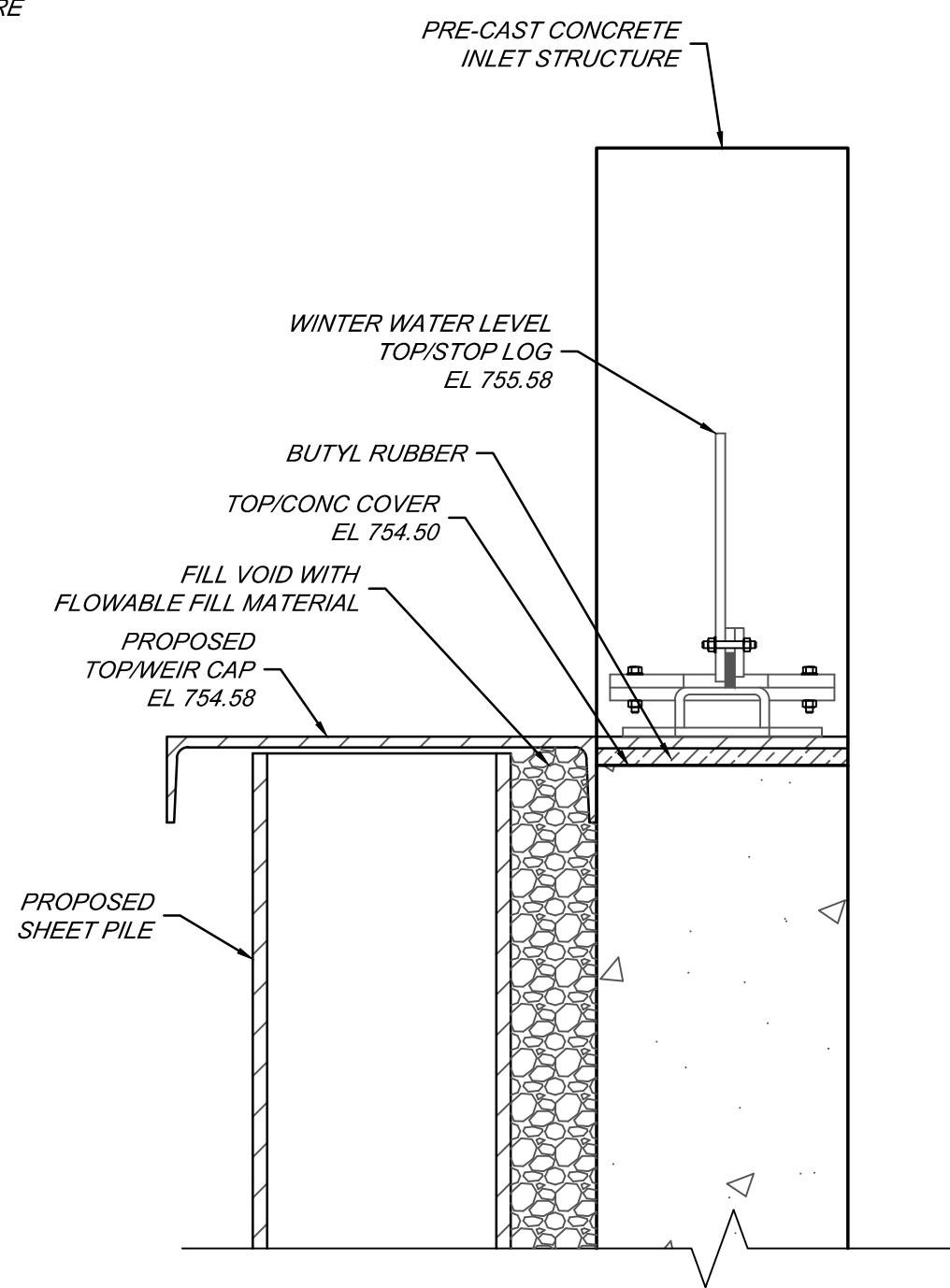


FRONT VIEW
NOT TO SCALE

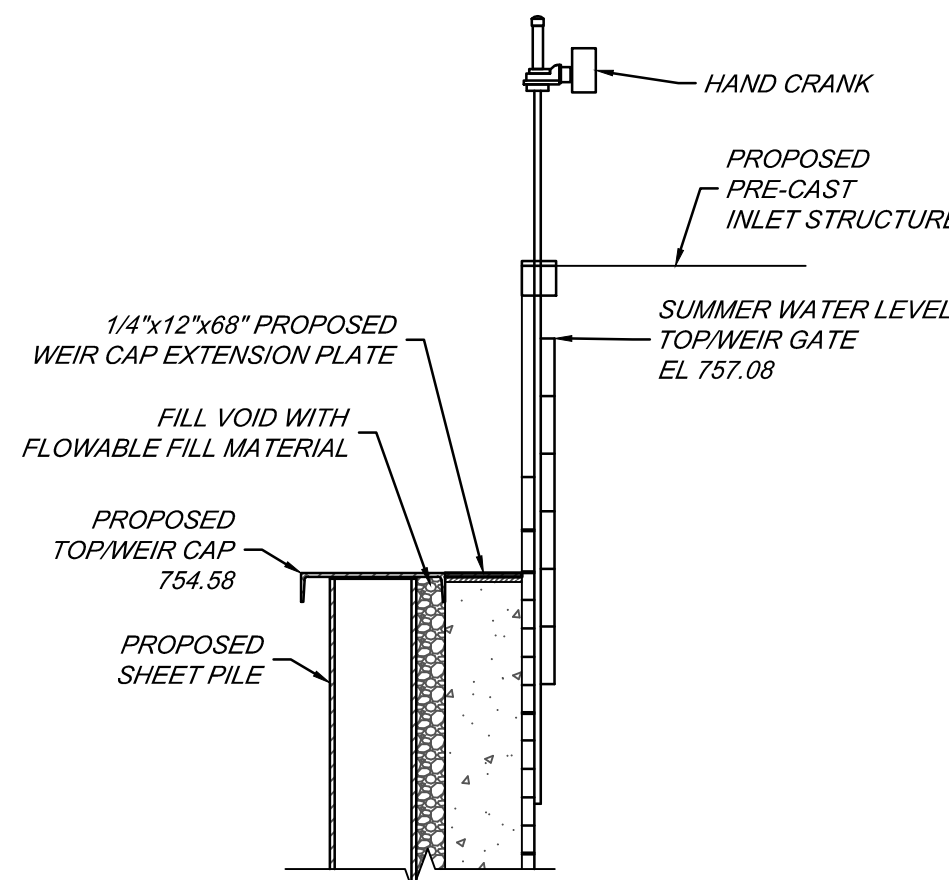


TOP VIEW
NOT TO SCALE

STOP LOG WEIR DETAIL
NOT TO SCALE

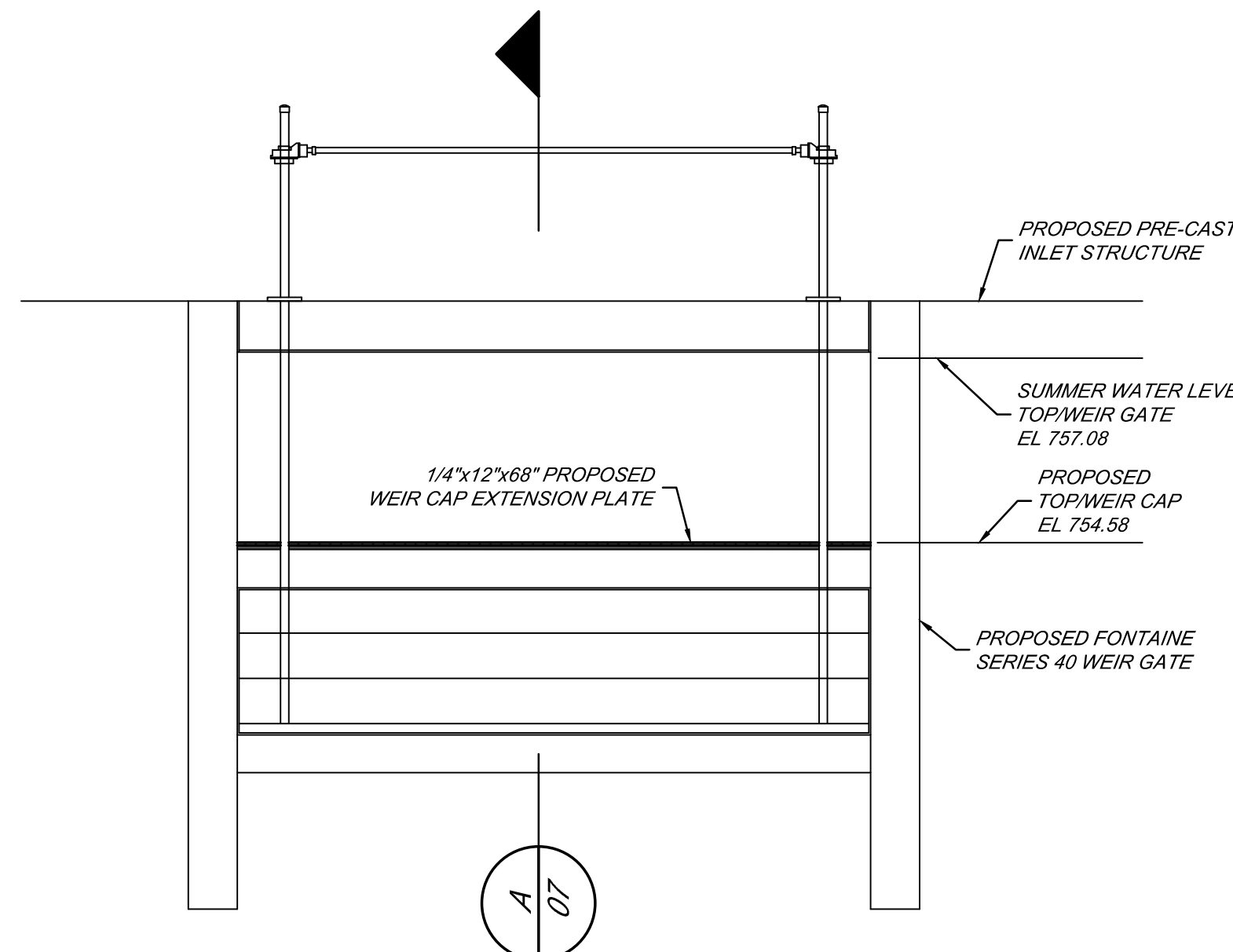


SECTION VIEW
NOT TO SCALE



SIDE VIEW

WEIR GATE DETAIL
NOT TO SCALE



FRONT VIEW
WEIR GATE DETAIL
NOT TO SCALE

- NOTE:
1. INSTALL WEIR GATE PER MANUFACTURER RECOMMENDATIONS.
 2. LOCK SHALL BE INCLUDED WITH LUMP SUM BID FOR GATE.

MUC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFP - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE

THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.

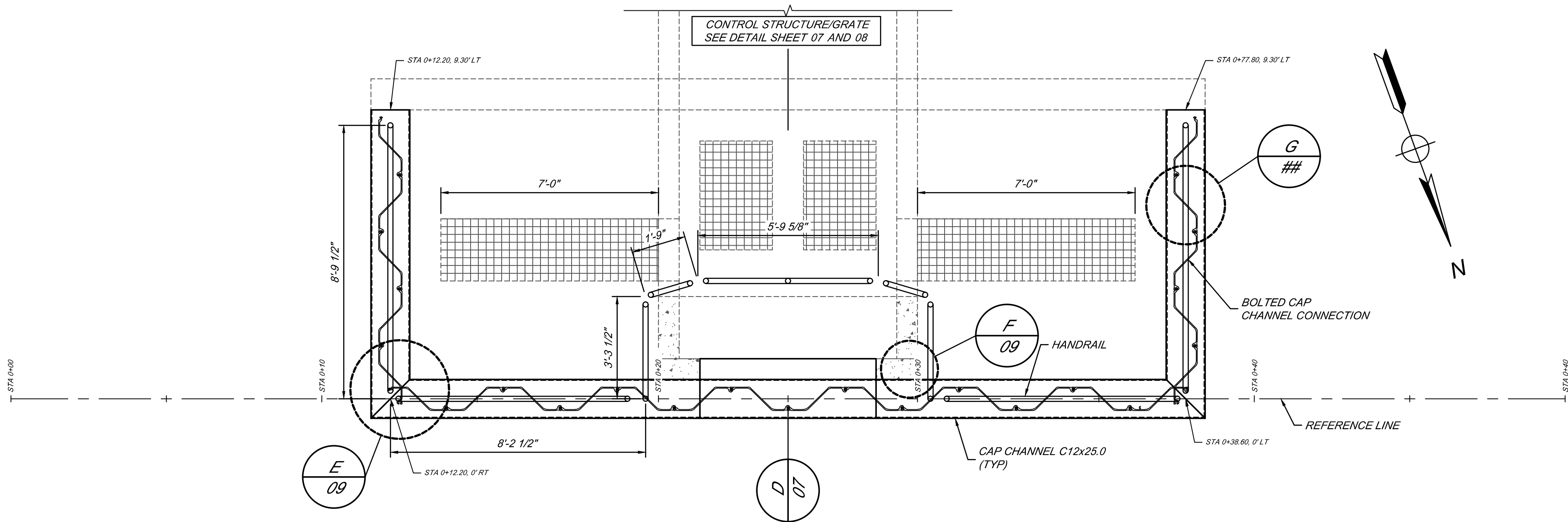
BEAVER LAKE DAM
ALPENA COUNTY, MICHIGAN

GRATE DETAILS
AND WEIR DETAILS

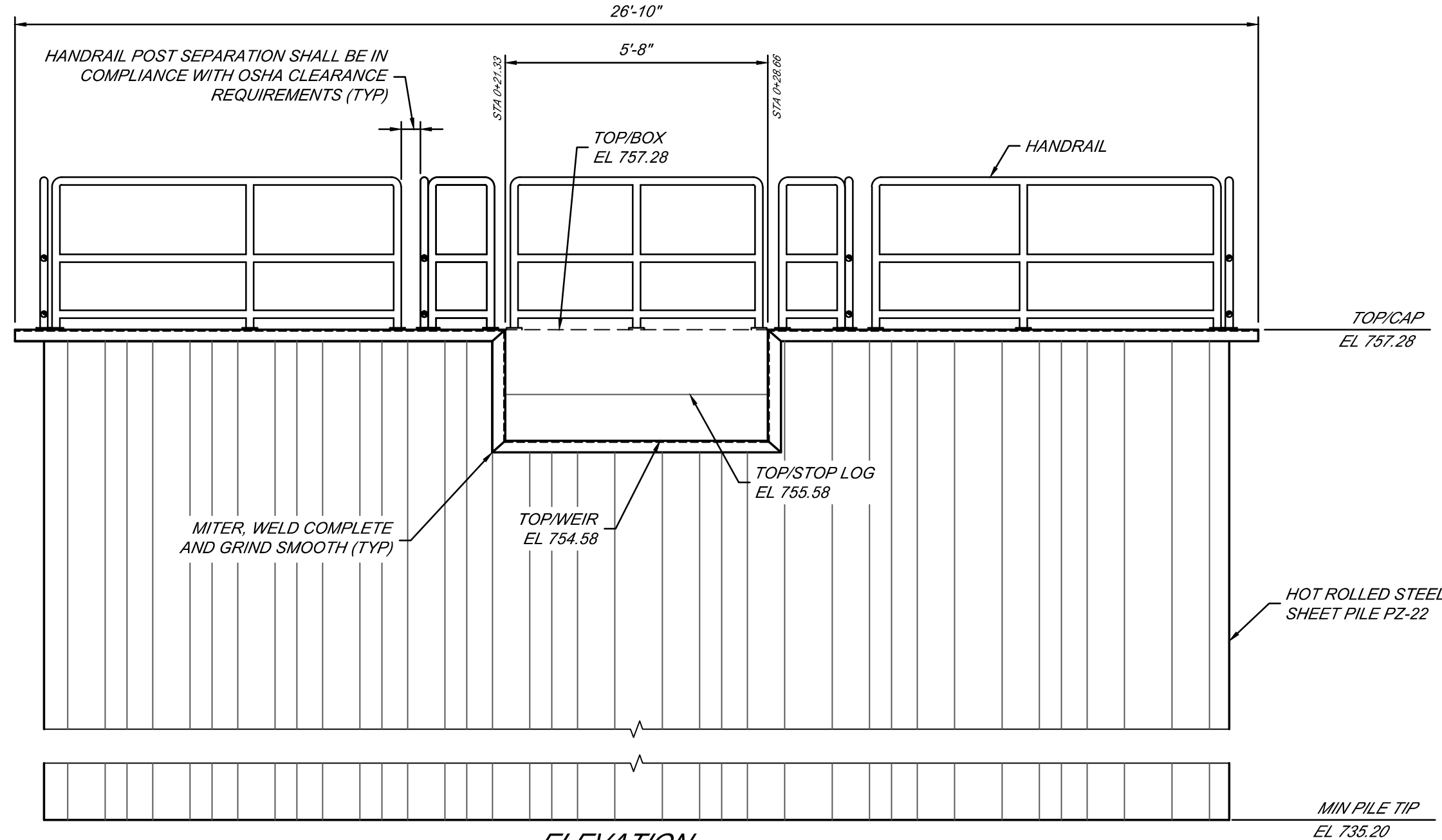


SAGINAW OFFICE
230 S. Washington Ave.
Saginaw, MI 48607 Tel.
989-754-4717 Fax
989-754-4440
www.SpicerGroup.com

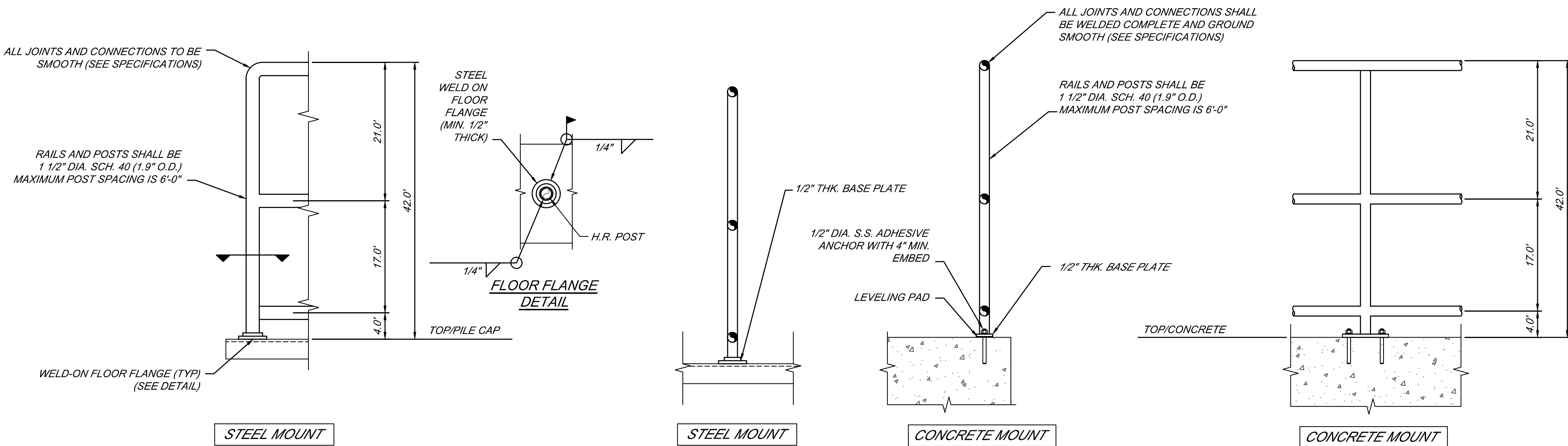
DE. BY: POC/WTM	CH. BY: WTM	PROJECT NO.	DR
DR. BY: CBS	APP. BY: RBH	127253SG2019	
STDS.	SHEET 08 OF 09	FILE NO.	08
DATE SCALE	AUGUST, 2022 SCALE	DR-4142-08	



PLAN VIEW
SCALE: 3/8" = 1'-0"

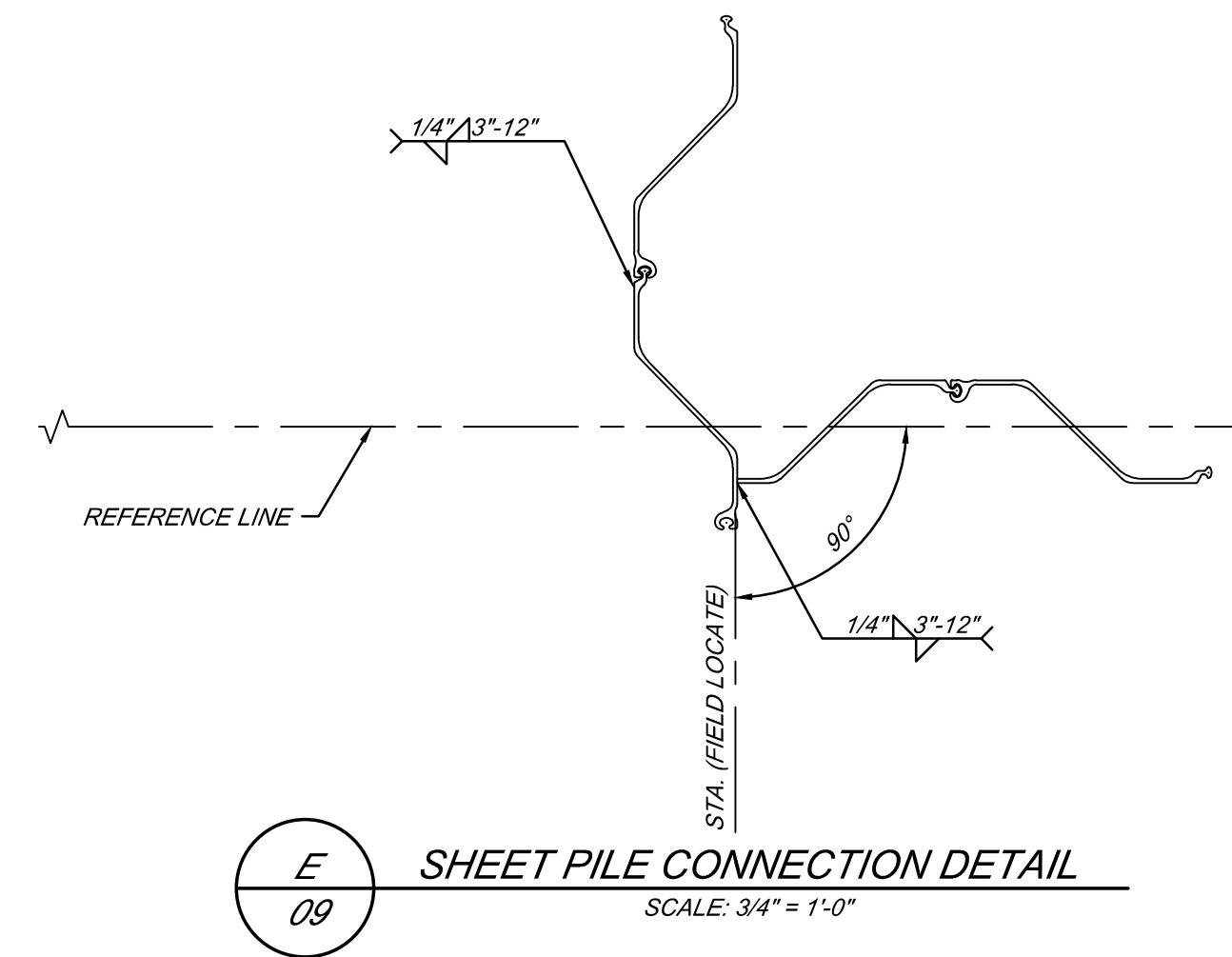


ELEVATION
SCALE: 3/8" = 1'-0"

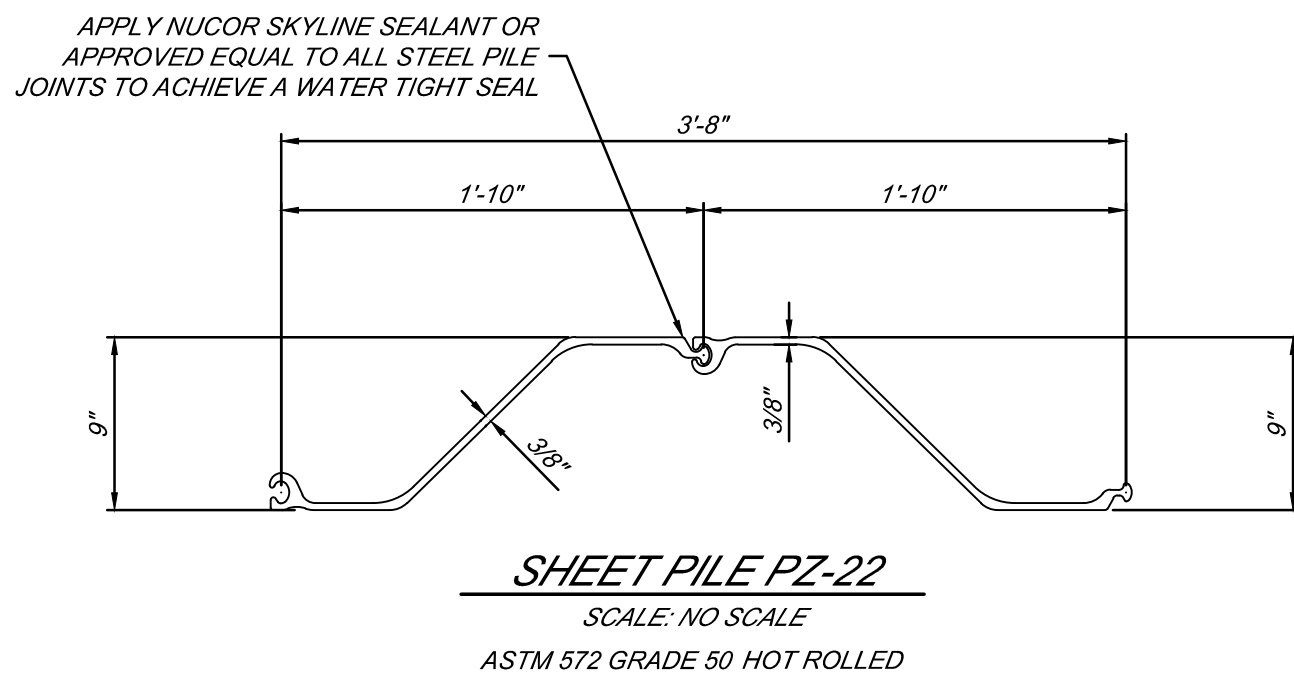


TYPICAL HANDRAIL DETAILS
NOT TO SCALE

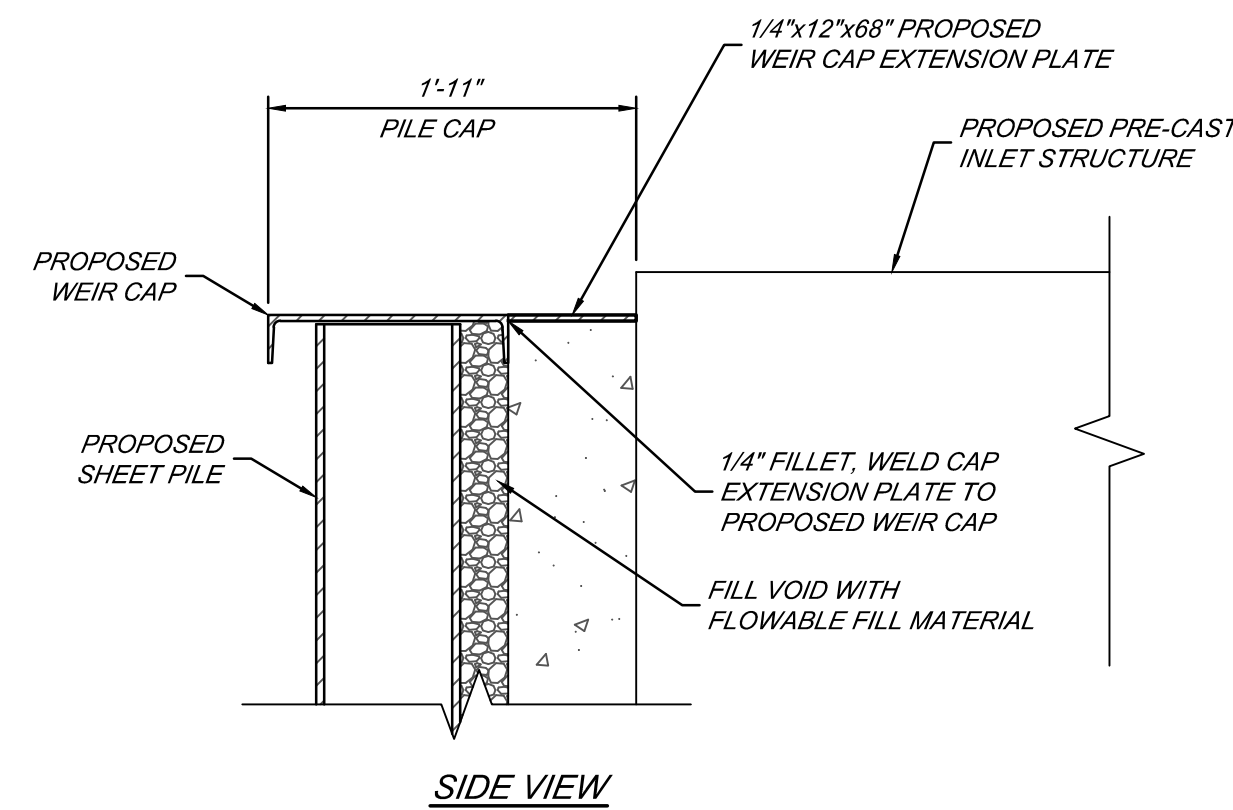
NOTES:
COMPLETE HANDRAIL SYSTEM SHALL BE HOT
DIPPED GALVANIZED AFTER FABRICATION.



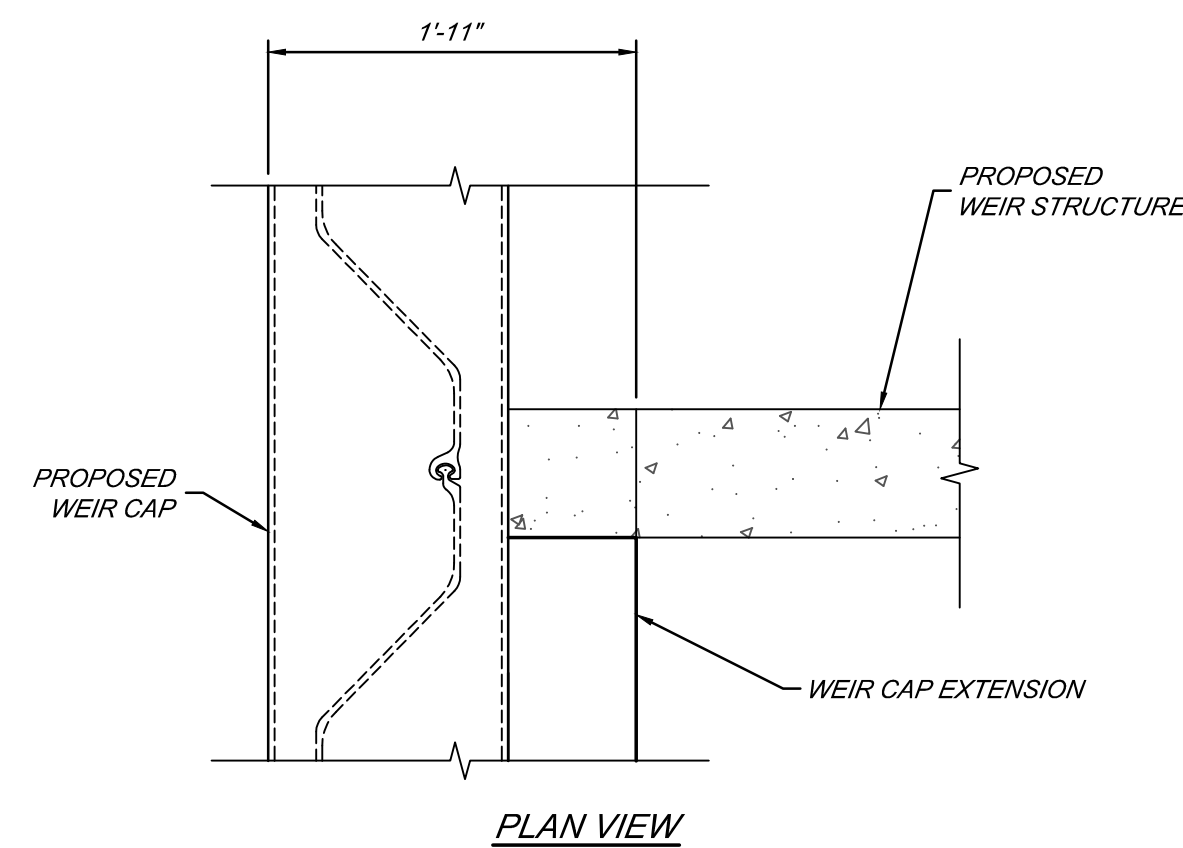
SHEET PILE CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



SHEET PILE PZ-22
SCALE: NO SCALE
ASTM 572 GRADE 50 HOT ROLLED



SIDE VIEW



PLAN VIEW

WEIR CAP CHANNEL NOTCH DETAIL (TYP)
NOT TO SCALE

MUC		IFB - ISSUED FOR BID	8/10/2022
CBS		IFP - ISSUED FOR PERMIT	6/01/2022
BY	MARK	REVISIONS	DATE
THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.			
BEAVER LAKE DAM ALPENA COUNTY, MICHIGAN			
SHEET PILE WEIR CONTROL STRUCTURE DETAILS AND HANDRAIL DETAILS			
Spicer group		SAGINAW OFFICE 230 S. Washington Ave. Saginaw, MI 48607 Tel. 989-754-4717 Fax 989-754-4440 www.SpicerGroup.com	
DE. BY:	POC/WTM	CH. BY:	WTM
DR. BY:	CBS	APP. BY:	RBH
PROJECT NO.		127253SG2019	
STDs.		SHEET 09 OF 09	DR
DATE	AUGUST, 2022	FILE NO.	09
SCALE	SCALE	DR-4142-09	



SPECIAL ASSESSMENT DISTRICT BOUNDARY BEAVER LAKE LEGAL LAKE LEVEL

ALPENA COUNTY, MICHIGAN



AREA MAP
NOT TO SCALE



0 500 1,000
FEET

LEGEND

- OUTLET CONTROL STRUCTURE
- LAKE FRONT PARCELS
- NON-LAKE FRONT PARCELS WITH PRIVATE ACCESS TO LAKE
- TENTATIVE SPECIAL ASSESSMENT DISTRICT BOUNDARY
- MUNICIPALITY BOUNDARY
- WATERCOURSES
- COUNTY ROADS
- LOCAL ROADS
- SECTION

BY	MARK	REVISIONS	DATE
----	------	-----------	------

THE WORK REPRESENTED BY THIS DRAWING WAS DEVELOPED BY THE ENGINEER FOR THE SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED BY THE PROJECT. THE ENGINEER DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED. THE ENGINEER DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED. THE ENGINEER DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED.

BEAVER LAKE
ALPENA COUNTY, MICHIGAN

SPECIAL ASSESSMENT
DISTRICT BOUNDARY



SAGINAW'S OFFICE
235 N. Washington Ave.
Saginaw, MI 48601
Tel: 989.794.8717
www.SpicerGroup.com

DESIGNED BY: RKS CHECKED BY: RKS	OK BY: WTM APP. BY: RSW	PROJECT NO: 127235562019
SDS: DATE: OCTOBER 2020 SCALE: AS SHOWN	SHEET 1 OF 1 FILE NO.	DR 1