

Appendix H

Design Review Plan Set for Alternative Number 2

BID DRAWINGS

CAMPGROUND RECONSTRUCTION, CONTRACT 4

SAXON HARBOR RECONSTRUCTION, FEMA DISASTER #4276 IRON COUNTY FORESTRY AND PARKS DEPARTMENT

IRON COUNTY, WISCONSIN

MARCH 2019

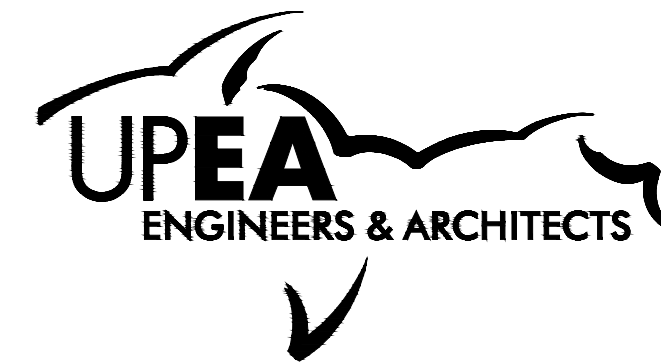
Prepared By

SMITHGROUP

44 EAST MIFFLIN STREET
SUITE 500
MADISON, WI 53703
608.251.1177
www.smithgroupjr.com



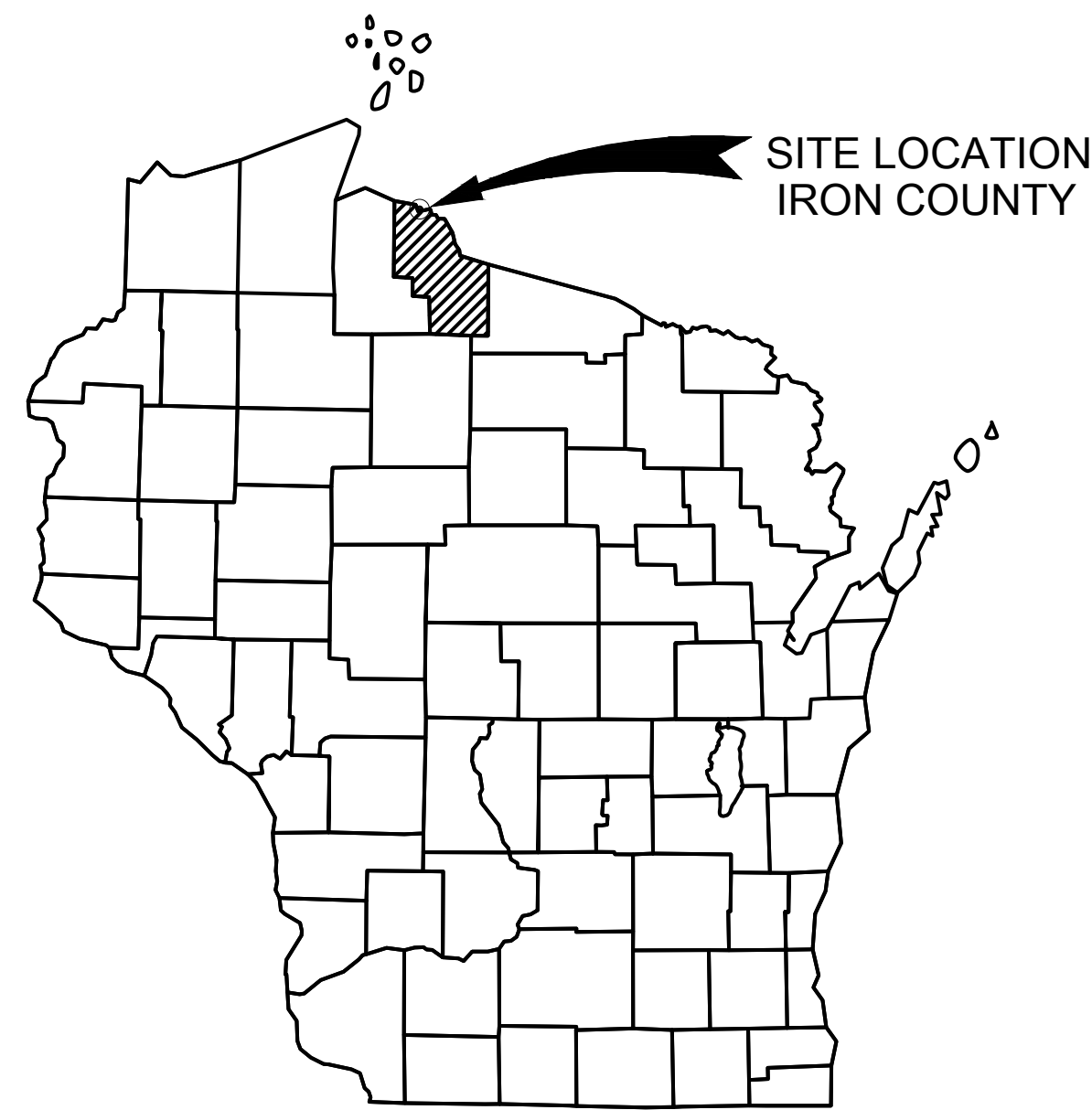
Foth Infrastructure & Environment, LLC
2121 Innovation Court, Suite 300
P.O. Box 5126
De Pere, WI 54115-5126
Phone: 920-497-2500 Fax: 920-497-8516



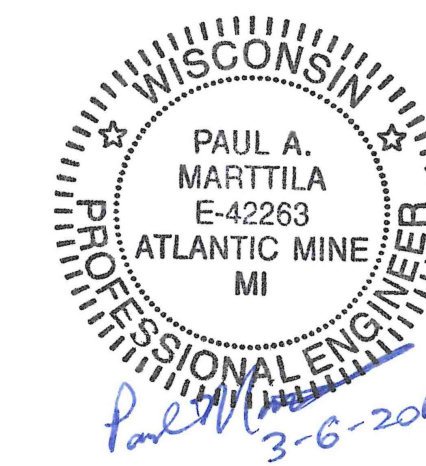
PROJECT ID: Foth #17I007.00



SITE LOCATION MAP
T. N. , R. E.



COUNTY LOCATION MAP
NOT TO SCALE



Paul A. Marttila
3-6-2019



Timothy S. Wagner
3-6-19



Jessie C. Fink
3-6-2019

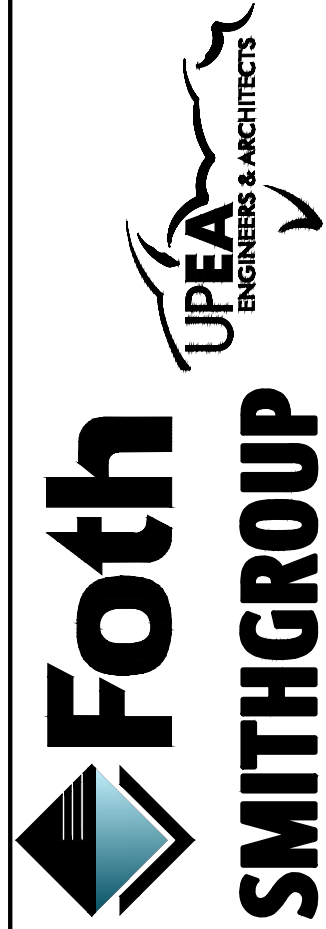


Douglas E. Cuthill
3-6-19

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INDEX	
SHEET NUMBER	SHEET TITLE
G001	TITLE SHEET
G002	SHEET INDEX
C100	OVERALL EXISTING SITE PLAN
C101	OVERALL SITE DEMOLITION PLAN
C200	PROPOSED CAMPGROUND AREA - OVERALL LAYOUT PLAN
C201	ENLARGED NORTH CAMPGROUND SITE LAYOUT PLAN
C202	ENLARGED SOUTH CAMPGROUND SITE LAYOUT PLAN
C300	PROPOSED OVERALL CAMPGROUND AREA - GRADING PLAN
C301	PROPOSED CAMPGROUND AREA - ENLARGED ADA COMPLIANCE PLAN
C302	PROPOSED NORTH CAMPGROUND ENLARGED GRADING PLAN
C303	PROPOSED SOUTH CAMPGROUND ENLARGED GRADING PLAN
C401	OVERALL CAMPGROUND AREA - UTILITY PLAN
C402	PROPOSED CAMPGROUND AREA - WATER PLAN
C403	PROPOSED CAMPGROUND AREA - ELECTRIC PLAN
C404	PROPOSED CAMPGROUND AREA - SANITARY SEWER PLAN
C405	PROPOSED CAMPGROUND AREA - STORM SEWER PLAN
C501	PROPOSED CAMPGROUND STORM WATER DETAILS
C502	PROPOSED CAMPGROUND WATER SYSTEM DETAILS
C503	PROPOSED CAMPGROUND AREA DETAILS
C504	PROPOSED CAMPGROUND TRAFFIC & SIGNAGE DETAILS
C505	PROPOSED CAMPGROUND CAMPSITE TYPICALS
C506	PROPOSED CAMPGROUND AREA - ELECTRIC DETAILS
C600	PROPOSED CAMPGROUND AREA - EARTHWORK SECTIONS
C601	PROPOSED CAMPGROUND AREA - STORM SEWER PROFILES
C602	PROPOSED CAMPGROUND AREA-STORM SEWER PROFILES
C700	PROPOSED CAMPGROUND AREA - TEMPORARY SESC PLAN
C701	PROPOSED CAMPGROUND AREA - PERMANENT SESC PLAN
C704	PROPOSED CAMPGROUND AREA - SESC DETAILS
E101	CAMPGROUND BUILDING ELECTRICAL PLAN
E401	CAMPGROUND AND SITE ELECTRICAL DETAILS
M001	MECHANICAL ABBREVIATIONS SYMBOLS AND NOTES
M101	BUILDING MECHANICAL PLANS
P101	CAMPGROUND RESTROOM PLUMBING PLAN
P501	PLUMBING DETAILS
P601	PLUMBING SCHEDULES
AS1.01	CAMPGROUND RESTROOM FLOOR PLAN
AS1.02	CAMPGROUND RESTROOM ELEVATIONS AND ROOF FRAMING PLAN
AS1.03	CAMPGROUND RESTROOM BUILDING SECTIONS
AS5.01	SCHEDULE AND DETAILS
AS5.02	STANDARD DETAILS
AS5.03	DETAILS AND SCHEDULES
AS5.04	TOILET ROOM MOUNTING HEIGHTS AND ELEVATIONS
L101	LANDSCAPE PLAN
L505	LANDSCAPE DETAILS



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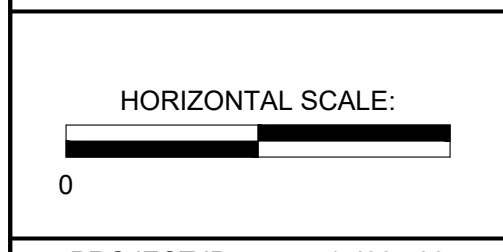
BID DRAWINGS
 MARINA RECONSTRUCTION, CONTRACT 4
 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN
 IRON COUNTY WISCONSIN

REVISIONS		DATE	DESCRIPTION
NO.	BY	DATE	DESCRIPTION
1	UPEA		

RECORD DRAWING OF COMPLETED CONSTRUCTION BY: _____ DATE: _____
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.

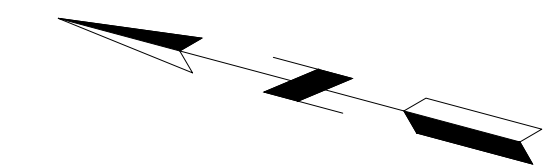
DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	
DESIGNED	
CHECKED	

SHEET INDEX



PROJECT ID: 171007.00
G002

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SHEET NOTES

1. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK UNDER THIS CONTRACT AND REQUEST THAT UNDERGROUND UTILITIES BE LOCATED IN ACCORDANCE WITH SECTION 182.0175(2) OF THE WISCONSIN STATUTES. ANY UTILITY LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY, AND OTHER UTILITIES MAY BE PRESENT.
2. ORIGINAL SITE SURVEY WAS COMPLETED IN APRIL 2017 PRIOR TO ANY RECONSTRUCTION WORK. THIS PLAN COMBINES THE SURFACES FROM MULTIPLE DRAWINGS TO MAKE A SINGLE BASE FILE FOR CONTRACT #2, #3, & #4. AS THESE CONTRACTS WILL BE PERFORMED AFTER WISDOT HAS COMPLETED THE RECONSTRUCTION OF CTH A AND REALIGNMENT OF ORONTO CREEK, THE BASE HAS ALSO BEEN MODIFIED TO SHOW THE WISDOT IMPROVEMENTS. THEREFORE, CONDITIONS AND TOPOGRAPHY SHOWN ON THIS SHEET REPRESENT FINAL CONDITIONS AS DEPICTED ON THE WISDOT DESIGN PLANS.
3. REFER TO CONTRACT #2 & #3 DRAWINGS FOR EXISTING CONDITIONS AT START OF CONTRACT #4 (THIS CONTRACT).
4. WETLAND BOUNDARY DATA WAS PROVIDED BY WETLANDS & WATERWAY, LLC. DELINEATION WAS PERFORMED SEPTEMBER 8, 2017. BOUNDARIES WERE SURVEYED WITH A TRIMBLE GEO 7X SERIES GPS WITH SUBMETER ACCURACY.
5. HORIZONTAL DATUM IS REFERENCED TO THE IRON COUNTY COORDINATE GRID SYSTEM, U.S. SURVEY FEET.
6. LOW WATER DATUM = 601.16
7. MEAN WATER LEVEL = 601.82
8. ELEVATIONS ARE REFERENCED TO THE NAVD 88 DATUM.

LEGEND

- ⊗ MISC. POST/BOLLARD
- ⊙ WELL
- Ⓜ MAIL BOX
- ⊕ TEST PIT
- ⊕ WATER SPIGOT
- ★ LIGHT POLE
- ⊕ UTILITY POLE
- ⊕ GUY WIRE
- Ⓜ TELEPHONE PEDESTAL
- Ⓜ ELECTRICAL PEDESTAL
- ⊙ MISC. PROPERTY CORNER
- ⊕ BENCHMARK
- ⊕ CONTROL POINT
- ⊕ SOIL BORING
- ⊕ SINGLE POLE SIGN
- ⊕ DOUBLE POLE SIGN
- ⊕ TREE (CONIFER)
- ⊕ TREE (DECIDUOUS)
- ⊕ CLEANOUT
- ⊕ BUILDING (TO BE REMOVED)
- EX. BITUMINOUS
- EX. CONCRETE
- WETLAND
- OHE — OVERHEAD ELECTRIC LINE
- WTR — WATER LINE
- UGT — UNDERGROUND TELEPHONE
- UGE — UNDERGROUND ELECTRIC
- STM — STORM SEWER
- SAN — SANITARY SEWER
- BOUNDARY LINE, SUBJECT PROPERTY
- RIGHT OF WAY LINES
- APPROX. ADJACENT PROPERTY LINES
- TEMPORARY GRADING EASEMENT
- TREE LINE

CONTROL POINT DATA

I.D.	DESCRIPTION	NORTHING	EASTING	ELEVATION
CP12	SPIKE	411140.30	678375.20	611.23
CP16	SPIKE	411531.83	678555.54	613.34

BENCHMARK DATA

I.D.	DESCRIPTION	ELEVATION
BM	TOP OF A 4x4 POST	617.32

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 UPEA ENGINEERS & ARCHITECTS

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 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

REVISIONS

NO.	BY	DATE	DESCRIPTION
1	UPEA	3/7/2019	BIDDING

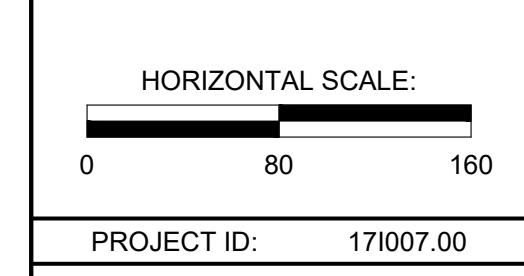
RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORD BY: _____ DATE _____

DATE OF PREPARATION

BY	DATE

SURVEYED BY: _____ DATE: _____
 DRAWN BY: L.G.H.
 DESIGNED BY: A.S.J.
 CHECKED BY: _____

OVERALL EXISTING SITE PLAN



C100

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- ### SHEET NOTES
- ALL REMOVALS AND TRANSPORTATION OF THE REMOVED ITEMS SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND ALL LOCAL, STATE, AND FEDERAL LAWS.
 - REMOVALS SHALL BE COMPLETED TO DESCRIBED LIMITS AND ARE TO BE INCLUDED IN THE UNIT PRICE CONTRACT. LIMITS MUST COINCIDE WITH PROPOSED WORK, CONTRACTOR TO COORDINATE AS NEEDED.
 - SAW CUT ANY EXISTING PAVEMENT/SIDEWALK TO FULL DEPTH PRIOR TO REMOVAL. IF A SAWCUT EDGE BECOMES DAMAGED PRIOR TO THE INSTALLATION OF NEW MATERIAL THE EDGE SHALL BE RECUT AS DIRECTED BY THE OWNER AND THE PAVEMENTS REPLACED AT NO COST TO THE ORIGINAL CONTRACTOR.
 - CONTRACTOR RESPONSIBLE TO RESTORE ALL DISTURBED AREAS OUTSIDE THE PROPOSED WORK AREA AT NO ADDITIONAL COST TO THE OWNER. COORDINATE REMOVAL OF ELECTRICAL & COMMUNICATION ITEMS WITH APPROPRIATE UTILITY COMPANY.
 - REMOVED TOPSOIL SHALL BE SALVAGED, SCREENED AND STORED FOR USE IN PROPOSED LOCATIONS.

LEGEND

⊗ MISC. POST/BOLLARD	● MISC. PROPERTY CORNER
⊙ WELL	⊕ BENCHMARK
Ⓜ MAIL BOX	▲ CONTROL POINT
⊕ TEST PIT	⊙ SOIL BORING
Ⓜ WATER SPIGOT	⊙ SINGLE POLE SIGN
★ LIGHT POLE	⊙ DOUBLE POLE SIGN
⊙ UTILITY POLE	⊙ TREE (CONIFER)
⊙ GUY WIRE	⊙ TREE (DECIDUOUS)
⊙ TELEPHONE PEDESTAL	⊙ CLEANOUT
⊙ ELECTRICAL PEDESTAL	⊙ BUILDING (TO BE REMOVED)
■ EX. BITUMINOUS	⊙ REMOVE TREES
■ EX. CONCRETE	
■ WETLAND	

— OHE	OVERHEAD ELECTRIC LINE
— WTR	WATER LINE
— UGT	UNDERGROUND TELEPHONE
— USE	UNDERGROUND ELECTRIC
— STM	STORM SEWER
— SAN	SANITARY SEWER
---	BOUNDARY LINE, SUBJECT PROPERTY
---	RIGHT OF WAY LINES
---	APPROX. ADJACENT PROPERTY LINES
---	TEMPORARY GRADING EASEMENT
---	TREE LINE

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 HURLEY, WISCONSIN

IRON COUNTY

NO.	BY	DATE	DESCRIPTION
1	UPEA	3/7/2019	FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORDS BY:
 CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS BY:

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.S.J.
CHECKED	

OVERALL SITE DEMOLITION PLAN

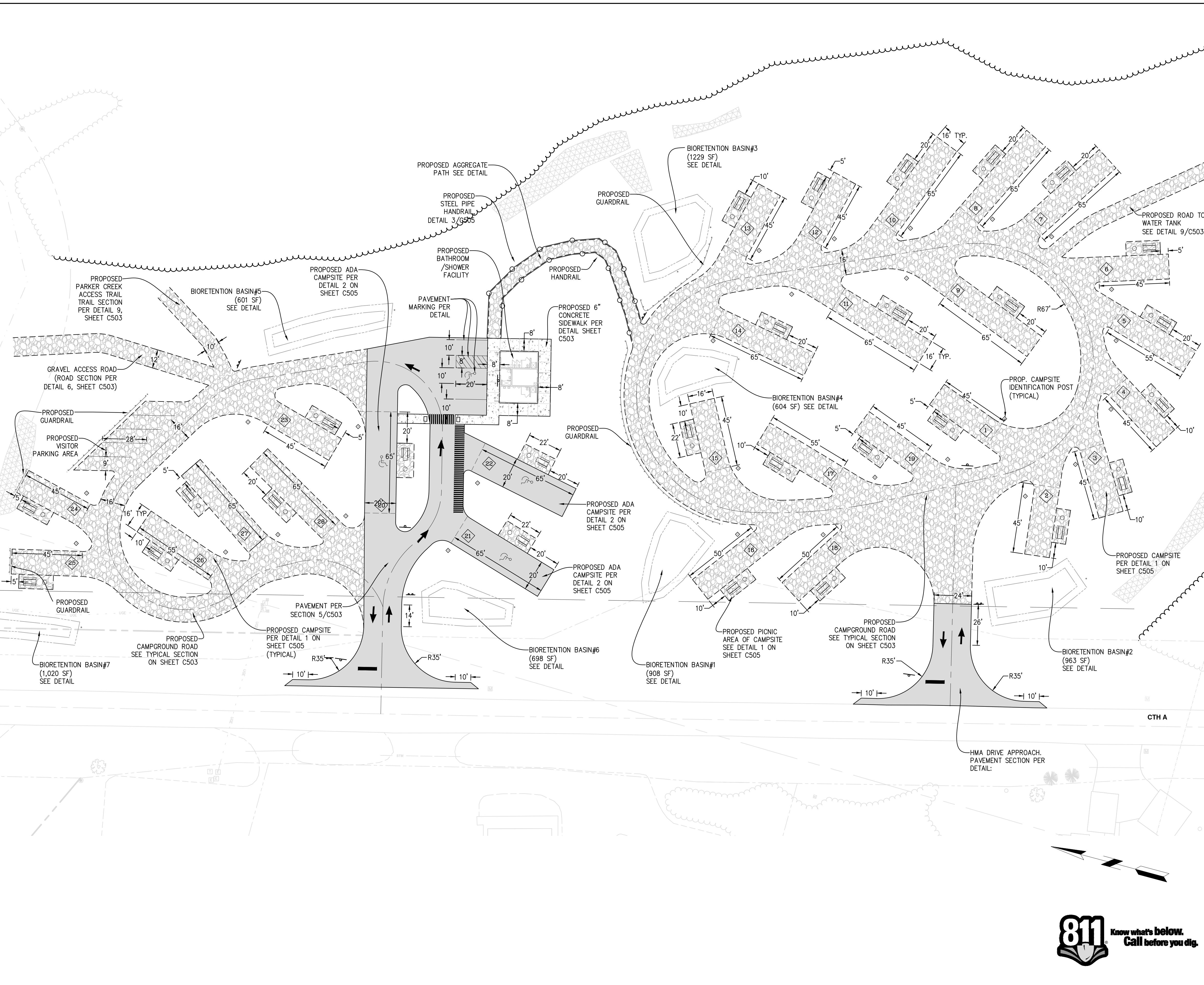
HORIZONTAL SCALE:
 0

PROJECT ID: 171007.00

C101



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SHEET NOTES

1. SEE LANDSCAPE PLANS FOR BIORETENTION PLANTING SCHEDULES.
2. SEE GRADING PLANS FOR LIMITS OF BIORETENTION SOIL MIX.
3. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION ABOUT PROPOSED BUILDINGS.
4. CONTRACTOR RESPONSIBLE FOR ALL CONSTRUCTION STAKING & LAYOUT.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS IN ADDITION TO THOSE ALREADY ACQUIRED BY OWNER.
6. GUARDRAIL PER WIS. DOT STANDARDS AND DETAILS: 14b42

LEGEND

- | | |
|---------------------------------------|---------------------------------------|
| ⊗ MISC. POST/BOLLARD | ⊙ MISC. PROPERTY CORNER |
| Ⓜ MAIL BOX | ⊕ BENCHMARK |
| Ⓣ TEST PIT | ⊖ CONTROL POINT |
| Ⓢ WATER SPIGOT | Ⓢ SOIL BORING |
| Ⓛ LIGHT POLE | Ⓛ SINGLE POLE SIGN |
| Ⓛ UTILITY POLE | Ⓛ DOUBLE POLE SIGN |
| Ⓛ GUY WIRE | Ⓛ TREE (CONIFER) |
| Ⓛ TELEPHONE PEDESTAL | Ⓛ TREE (DECIDUOUS) |
| Ⓛ ELECTRICAL PEDESTAL | Ⓛ CLEANOUT |
| Ⓛ EX. BITUMINOUS | Ⓛ PROP. BITUMINOUS |
| Ⓛ EX. CONCRETE | Ⓛ PROP. CONCRETE |
| Ⓛ WETLAND | Ⓛ PROP. GRAVEL |
| — O/E — OVERHEAD ELECTRIC LINE | — W — WATER LINE |
| — U/T — UNDERGROUND TELEPHONE | — U/E — UNDERGROUND ELECTRIC |
| — S — STORM SEWER | — S/S — SANITARY SEWER |
| — B — BOUNDARY LINE, SUBJECT PROPERTY | — A — APPROX. ADJACENT PROPERTY LINES |
| — S — SETBACK LINE | — T — TEMPORARY GRADING EASEMENT |
| — T — TREE LINE | Ⓛ CAMPSITE NUMBER |
| Ⓛ CAMPSITE IDENTIFICATION POST | |

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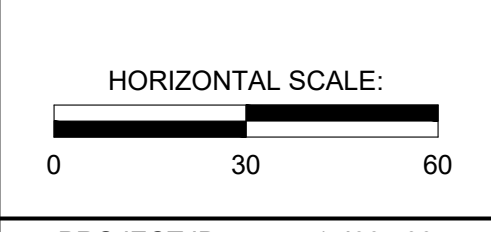
IRON COUNTY

NO.	DATE	DESCRIPTION	BY
1	3/7/2019	FOR CONSTRUCTION	

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION SHALL CONFORM TO CONTRACTOR AND/OR OWNERS RECORDS.

DATE OF PREPARATION	
BY	DATE

PROPOSED CAMPGROUND AREA - OVERALL LAYOUT PLAN

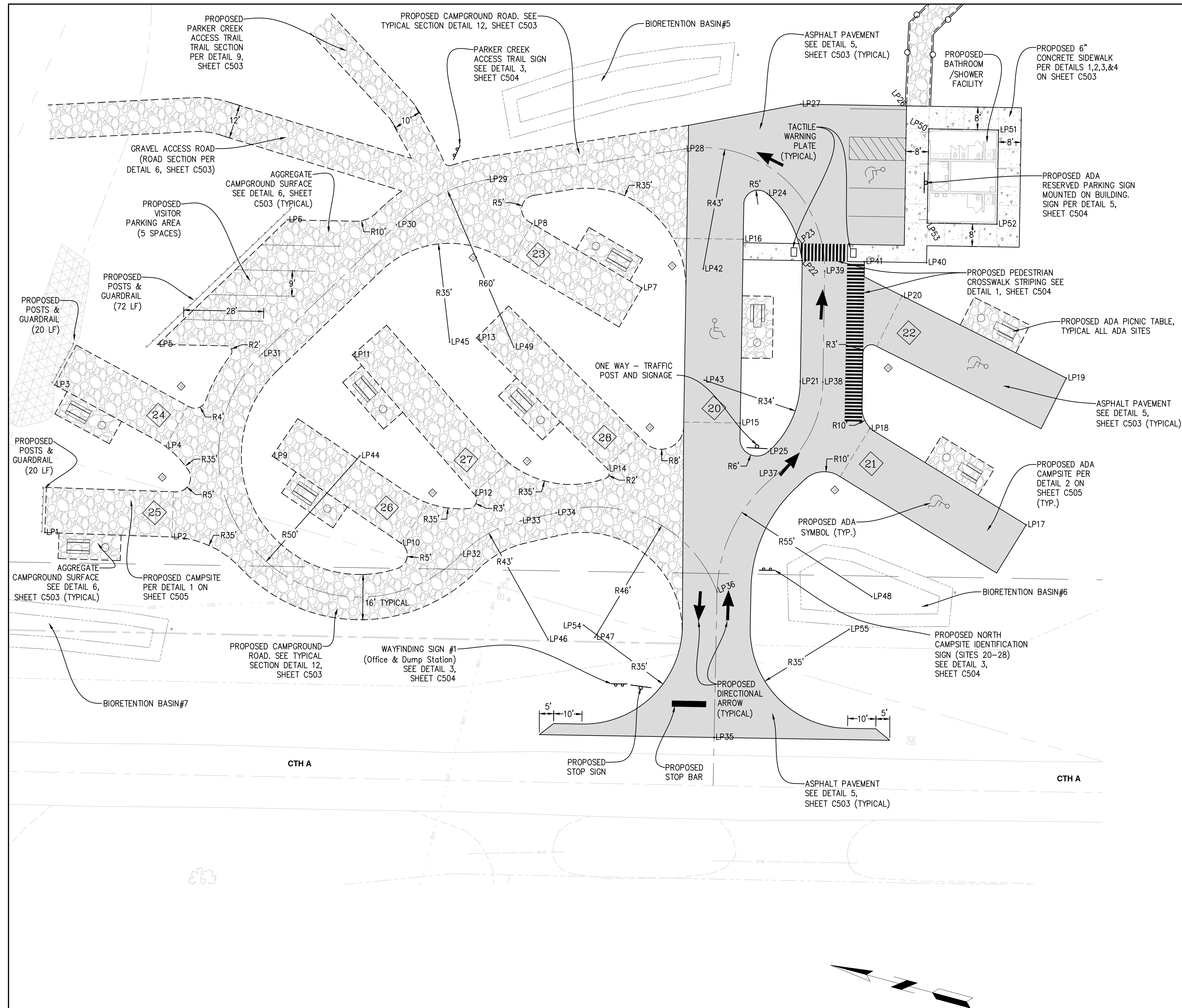


PROJECT ID: 171007.00

C200



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SITE LAYOUT POINTS

I.D.	NORTHING	EASTING
LP1	410947.59	678781.19
LP2	410903.75	678791.33
LP3	410957.78	678832.57
LP4	410914.05	678821.98
LP5	410926.27	678855.81
LP6	410893.33	678910.26
LP7	410765.89	678919.45
LP8	410809.28	678931.39
LP9	410876.83	678828.17
LP10	410824.86	678810.17
LP11	410858.70	678870.07
LP12	410804.70	678833.89
LP13	410817.86	678887.26
LP14	410761.06	678854.40
LP15	410719.95	678882.31
LP16	410735.74	678945.37
LP17	410612.89	678873.71
LP18	410675.17	678892.29
LP19	410612.60	678927.51
LP20	410676.27	678940.58
LP21	410703.22	678901.95
LP22	410713.62	678943.47
LP23	410716.37	678948.97
LP24	410731.79	678963.18
LP25	410707.75	678875.07
LP26	410692.14	679005.90
LP27	410728.46	678996.80
LP28	410764.10	678970.85
LP29	410828.53	678942.36
LP30	410855.61	678918.53
LP31	410889.69	678862.18
LP32	410803.31	678811.82
LP33	410785.96	678828.76
LP34	410774.64	678834.76
LP35	410700.11	678772.47
LP36	410712.43	678822.50
LP37	410702.07	678868.98
LP38	410695.46	678903.89
LP39	410705.00	678941.97
LP40	410670.94	678954.17
LP41	410692.28	678948.82
LP42	410746.71	678931.52
LP43	410736.20	678893.69
LP44	410846.91	678836.30
LP45	410826.67	678883.29
LP46	410765.82	678790.77
LP47	410750.02	678795.76
LP48	410659.04	678834.99
LP49	410804.27	678887.48
LP50	410682.44	679000.08
LP51	410658.51	679006.08
LP52	410650.41	678973.74
LP53	410674.34	678967.75
LP54	410755.03	678798.92
LP55	410663.83	678821.77

SHEET NOTES

- PAINTED TRAFFIC DIRECTIONAL ARROWS PER WIS DOT STANDARDS AND DETAIL: 15C7-C, TYPE 1
- ADA SITES: 20, 21 A,D 22
- ADA PAINTED SYMBOLS PER WIS DOT STANDARDS AND DETAILS: 15C7-A (HANDICAP SYMBOL)
- GUARDRAIL PER WIS. DOT STANDARDS AND DETAILS: 14B42
- STOP BAR PAVEMENT MARKING PER WIS DOT STANDARDS AND DETAIL: 15C33

LEGEND

- | | |
|-----------------------|-------------------------------------|
| ⊗ MISC. POST/BOLLARD | ● MISC. PROPERTY CORNER |
| Ⓜ MAIL BOX | ⊕ BENCHMARK |
| Ⓣ TEST PIT | ⊙ CONTROL POINT |
| Ⓢ WATER SPIGOT | ⊕ SOIL BORING |
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| Ⓜ ELECTRICAL PEDESTAL | ⊙ CLEANOUT |
| ■ EX. BITUMINOUS | ■ PROP. BITUMINOUS |
| ■ EX. CONCRETE | ■ PROP. CONCRETE |
| ■ WETLAND | ■ PROP. GRAVEL |
| — OHE — | — OVERHEAD ELECTRIC LINE |
| — WTR — | — WATER LINE |
| — UGT — | — UNDERGROUND TELEPHONE |
| — UGE — | — UNDERGROUND ELECTRIC |
| — STM — | — STORM SEWER |
| — SAN — | — SANITARY SEWER |
| --- | --- BOUNDARY LINE, SUBJECT PROPERTY |
| --- | --- RIGHT OF WAY LINES |
| --- | --- APPROX. ADJACENT PROPERTY LINES |
| --- | --- SETBACK LINE |
| --- | --- TEMPORARY GRADING EASEMENT |
| --- | --- TREE LINE |
| ◇ | ◇ CAMPSITE NUMBER |
| ◇ | ◇ CAMPSITE IDENTIFICATION POST |

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BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE

SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.S.J.
CHECKED	

**ENLARGED NORTH
CAMPGROUND
SITE LAYOUT
PLAN**

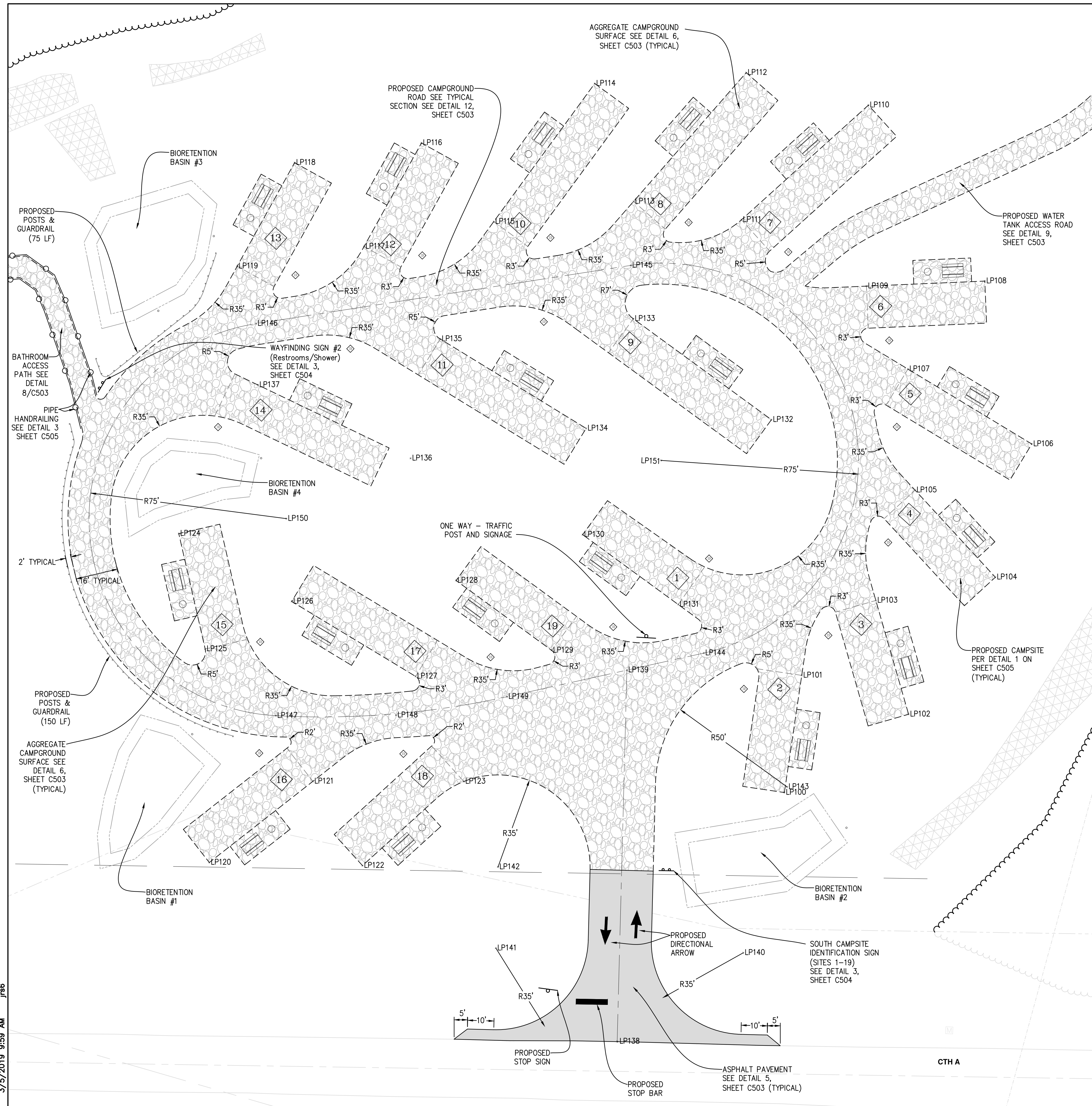
HORIZONTAL SCALE:
0 20 40

PROJECT ID: 171007.00

C201



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SITE LAYOUT POINTS		
I.D.	NORTHING	EASTING
LP100	410308.63	678963.22
LP101	410313.78	679007.92
LP102	410270.74	679004.15
LP103	410293.95	679042.70
LP104	410252.38	679063.00
LP105	410290.41	679087.07
LP106	410252.12	679115.49
LP107	410304.94	679130.80
LP108	410285.38	679170.66
LP109	410328.32	679157.17
LP110	410345.41	679223.80
LP111	410380.72	679169.23
LP112	410393.45	679223.70
LP113	410422.12	679165.36
LP114	410447.97	679204.82
LP115	410471.44	679144.20
LP116	410505.72	679165.97
LP117	410516.60	679122.31
LP118	410550.32	679146.26
LP119	410561.21	679102.60
LP120	410512.80	678880.98
LP121	410482.77	678920.96
LP122	410456.26	678894.90
LP123	410427.35	678935.76
LP124	410556.36	678998.72
LP125	410535.31	678958.94
LP126	410508.23	678984.90
LP127	410455.40	678969.58
LP128	410449.98	679008.76
LP129	410408.01	678992.51
LP130	410408.04	679038.04
LP131	410366.08	679021.79
LP132	410350.05	679098.80
LP133	410410.67	679122.27
LP134	410417.21	679077.39
LP135	410479.53	679095.85
LP136	410478.67	679049.14
LP137	410541.92	679061.05
LP138	410345.50	678855.38
LP139	410378.47	678992.66
LP140	410307.96	678900.33
LP141	410399.20	678877.71
LP142	410406.41	678907.71
LP143	410308.20	678965.53
LP144	410351.92	679006.47
LP145	410416.85	679141.61
LP146	410548.63	679083.39
LP147	410502.85	678941.40
LP148	410458.74	678953.43
LP149	410419.87	678971.11
LP150	410518.32	679014.79
LP151	410386.55	679073.00



SHEET NOTES

- PAINTED TRAFFIC DIRECTIONAL ARROWS PER WIS DOT STANDARDS AND DETAIL: 15C7-C, TYPE 1
- GUARDRAIL PER WIS. DOT STANDARDS AND DETAILS: 14B42
- STOP BAR PAVEMENT MARKING PER WIS DOT STANDARDS AND DETAIL: 15C33
- WATER TANK ACCESS ROAD SHALL CONNECT TO EXISTING ROAD CREATED IN CONTRACT 3 AT THE CLEARING AND GRADING LIMITS
- PROPOSED ENTRANCE HMA PAVEMENT SECTION FROM COUNTY HIGHWAY A TO COUNTY R.O.W. LINE USING SECTION 5/C503 THEN CONVERT TO SECTION 6/C503

LEGEND

- MISC. POST/BOLLARD
- WELL
- MAIL BOX
- TEST PIT
- WATER SPIGOT
- LIGHT POLE
- UTILITY POLE
- GUY WIRE
- TELEPHONE PEDESTAL
- ELECTRICAL PEDESTAL
- EX. BITUMINOUS
- EX. CONCRETE
- WETLAND
- OVERHEAD ELECTRIC LINE
- WATER LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- STORM SEWER
- SANITARY SEWER
- BOUNDARY LINE, SUBJECT PROPERTY
- RIGHT OF WAY LINES
- APPROX. ADJACENT PROPERTY LINES
- SETBACK LINE
- TEMPORARY GRADING EASEMENT
- TREE LINE
- CAMPSITE NUMBER
- CAMPSITE IDENTIFICATION POST
- MISC. PROPERTY CORNER
- BENCHMARK
- CONTROL POINT
- SOIL BORING
- SINGLE POLE SIGN
- DOUBLE POLE SIGN
- TREE (CONIFER)
- TREE (DECIDUOUS)
- CLEANOUT
- PROP. BITUMINOUS
- PROP. CONCRETE
- PROP. GRAVEL

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BID DRAWINGS
 MARINA RECONSTRUCTION, CONTRACT 4
 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

IRON COUNTY

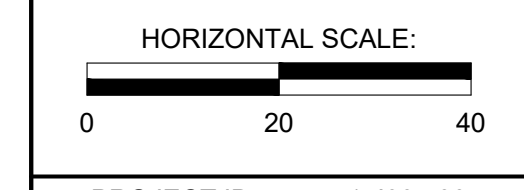
NO.	DATE	DESCRIPTION
1	10/27/19	BIDDING

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORDS
 CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS

DATE OF PREPARATION	
BY	DATE

SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.S.J.
CHECKED	

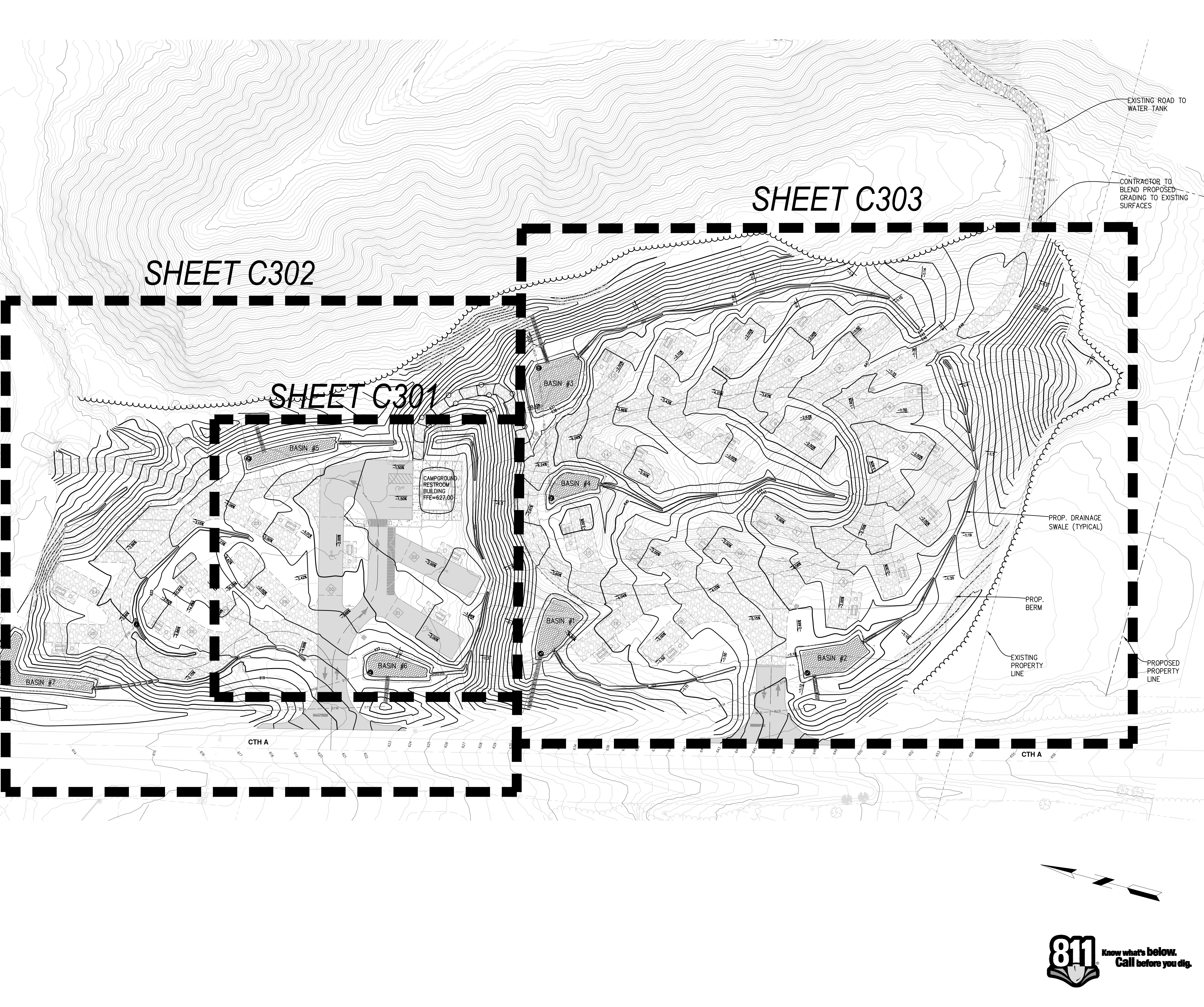
ENLARGED SOUTH CAMPGROUND SITE LAYOUT PLAN



PROJECT ID: 171007.00

C202

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 3/25/2019 10:00 AM jrs6



- ### SHEET NOTES
- IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER BEFORE PROCEEDING WITH WORK.
 - FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING.
 - UTILITY INFORMATION SHOWN ON PLANS ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS MAY VARY. THE CONTRACTOR SHALL BE REQUIRED TO CONTACT "MISS DIG" 72 HOURS IN ADVANCE OF ANY EXCAVATION.
 - FINAL GRADING SHALL PROVIDE POSITIVE DRAINAGE ACROSS THE ENTIRE SITE AND AWAY FROM BUILDINGS.
 - PROTECT ALL WETLANDS FROM DISTURBANCE UNLESS SPECIFICALLY ALLOWED BY PERMIT
 - SITE CLEARING SHALL INCLUDE SURFACE DEBRIS, DESIGNATED TREES, SHRUBS AND OTHER PLANT LIFE AND ABANDONED UTILITIES INDICATED ON THE DRAWINGS OR AS NECESSARY TO PERFORM WORK IN CONTRACT WHERE APPROVED BY OWNER. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF WASTE MATERIALS FROM THE SITE. CONTRACTOR SHALL PROTECT ALL SURVEY CONTROL POINTS, BENCH MARKS OR EXISTING STRUCTURES FROM DAMAGE OR DISPLACEMENT.
 - CONTRACTOR WILL RESTORE ANY ALL DISTURBED AREAS OUTSIDE THE PROPOSED WORK AREA AT NO ADDITIONAL COST TO THE OWNER
 - ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PLACED BY THE CONTRACTOR SHALL BE IN FULL COMPLIANCE WITH PERMIT AND SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL STATUTES AND ORDINANCES. ANY PERMITS REQUIRED AND NOT OBTAINED BY OWNER PRIOR TO BID WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - HORIZONTAL CONTROL DATUM IS REFERENCED TO THE IRON COUNTY COORDINATE SYSTEM, US. SURVEY, FT
 - GRADING AND LAYOUT INFORMATION WILL BE PROVIDED TO THE CONTRACTOR IN ELECTRONIC CAD FORMAT FOR CONSTRUCTION STAKING. ANY DISCREPANCIES BETWEEN PLAN AND CAD FILES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO CONSTRUCTION.

LEGEND

⊠ MISC. POST/BOLLARD	● MISC. PROPERTY CORNER
⊙ WELL	⊕ BENCHMARK
Ⓜ MAIL BOX	△ CONTROL POINT
Ⓣ TEST PIT	⊖ SOIL BORING
Ⓢ WATER SPIGOT	⊙ SINGLE POLE SIGN
Ⓛ LIGHT POLE	⊙ DOUBLE POLE SIGN
Ⓛ UTILITY POLE	⊙ TREE (CONIFER)
Ⓛ GUY WIRE	⊙ TREE (DECIDUOUS)
Ⓛ TELEPHONE PEDESTAL	⊙ CLEANOUT
Ⓛ ELECTRICAL PEDESTAL	
■ EX. BITUMINOUS	■ PROP. BITUMINOUS
■ EX. CONCRETE	■ PROP. CONCRETE
■ WETLAND	■ PROP. GRAVEL
— OHE	— OVERHEAD ELECTRIC LINE
— WIR	— WATER LINE
— UGT	— UNDERGROUND TELEPHONE
— UGE	— UNDERGROUND ELECTRIC
— STM	— STORM SEWER
— SAN	— SANITARY SEWER
---	--- BOUNDARY LINE, SUBJECT PROPERTY
---	--- RIGHT OF WAY LINES
---	--- APPROX. ADJACENT PROPERTY LINES
---	--- SETBACK LINE
---	--- TEMPORARY GRADING EASEMENT
---	--- TREE LINE
---	--- PROPOSED UNDERDRAIN
⊙	⊙ CAMPSITE NUMBER
---	--- PROPOSED PERMANENT DRAINAGE SWALE CHECK DAM

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BID DRAWINGS
 MARINA RECONSTRUCTION, CONTRACT 4
 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

IRON COUNTY

NO.	DATE	DESCRIPTION	BY
1	3/25/2019	FOR CONSTRUCTION	UPEA

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.
 BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.J.
CHECKED	

PROPOSED OVERALL CAMPGROUND AREA - GRADING PLAN

HORIZONTAL SCALE:
 0 40 80

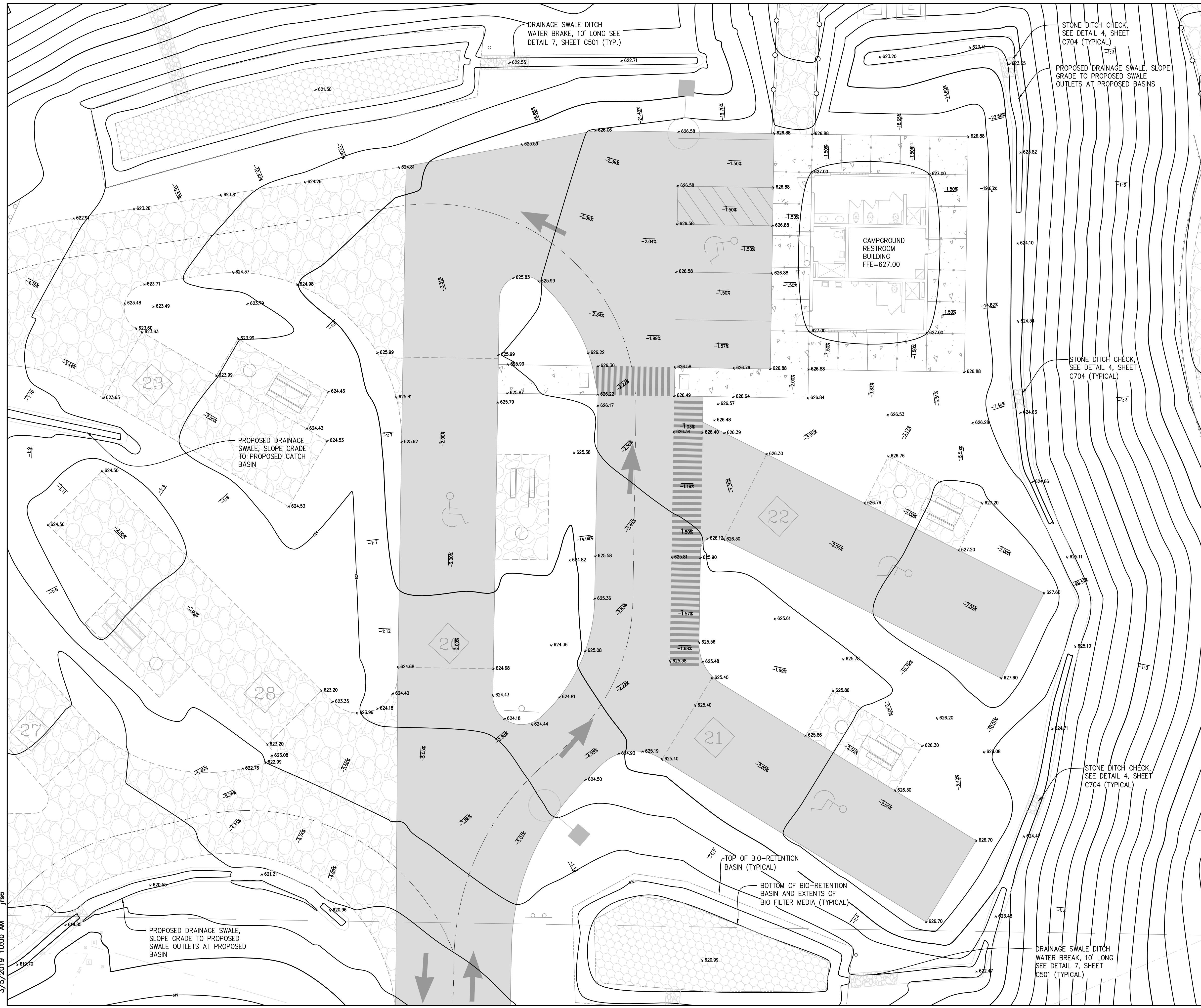
PROJECT ID: 171007.00

C300

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3/25/2019 10:00 AM jrs6



SHEET NOTES

- REFER TO LANDSCAPE PLANS FOR BIO-RETENTION POND PLANTINGS, TURF REQUIREMENTS AND TREE PLANTING REQUIREMENTS.
- SEE DETAILS FOR GRADING SECTION REQUIREMENTS. INSTALL 12" OF SAND SUBBASE IN ALL PAVED, AGGREGATE SURFACE, AND TURF RESTORATION AREAS. SAND SUBBASE NOT REQUIRED IN SIDE SLOPE EMBANKMENT AREAS.
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BATHROOM FACILITY BUILDING AS WELL AS LAWN AND CAMPSITE AREAS TO PREVENT SURFACE PONDING.

LEGEND

- | | |
|-----------------------|-------------------------------------|
| ⊗ MISC. POST/BOLLARD | ● MISC. PROPERTY CORNER |
| ⊙ WELL | ⊕ BENCHMARK |
| Ⓜ MAIL BOX | △ CONTROL POINT |
| ⊖ TEST PIT | ⊙ SOIL BORING |
| ⊕ WATER SPIGOT | ⊖ SINGLE POLE SIGN |
| ⊙ LIGHT POLE | ⊖ DOUBLE POLE SIGN |
| ⊖ UTILITY POLE | ⊙ TREE (CONIFER) |
| ⊖ GUY WIRE | ⊙ TREE (DECIDUOUS) |
| ⊖ TELEPHONE PEDESTAL | ⊙ CLEANOUT |
| ⊖ ELECTRICAL PEDESTAL | |
| ■ EX. BITUMINOUS | ■ PROP. BITUMINOUS |
| ■ EX. CONCRETE | ■ PROP. CONCRETE |
| ■ WETLAND | ■ PROP. GRAVEL |
| — OHE — | — OVERHEAD ELECTRIC LINE — |
| — WTR — | — WATER LINE — |
| — UGT — | — UNDERGROUND TELEPHONE — |
| — UGE — | — UNDERGROUND ELECTRIC — |
| — STM — | — STORM SEWER — |
| — SAN — | — SANITARY SEWER — |
| --- | --- BOUNDARY LINE, SUBJECT PROPERTY |
| --- | --- RIGHT OF WAY LINES |
| --- | --- APPROX. ADJACENT PROPERTY LINES |
| --- | --- SETBACK LINE |
| --- | --- TEMPORARY GRADING EASEMENT |
| --- | --- TREE LINE |
| --- | --- CAMPSITE NUMBER |



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MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

IRON COUNTY

NO.	DATE	DESCRIPTION	BY
1	4/10/19	FOR CONSTRUCTION	

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORD
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORD.
BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.J.
CHECKED	

PROPOSED CAMPGROUND AREA - ENLARGED ADA COMPLIANCE PLAN

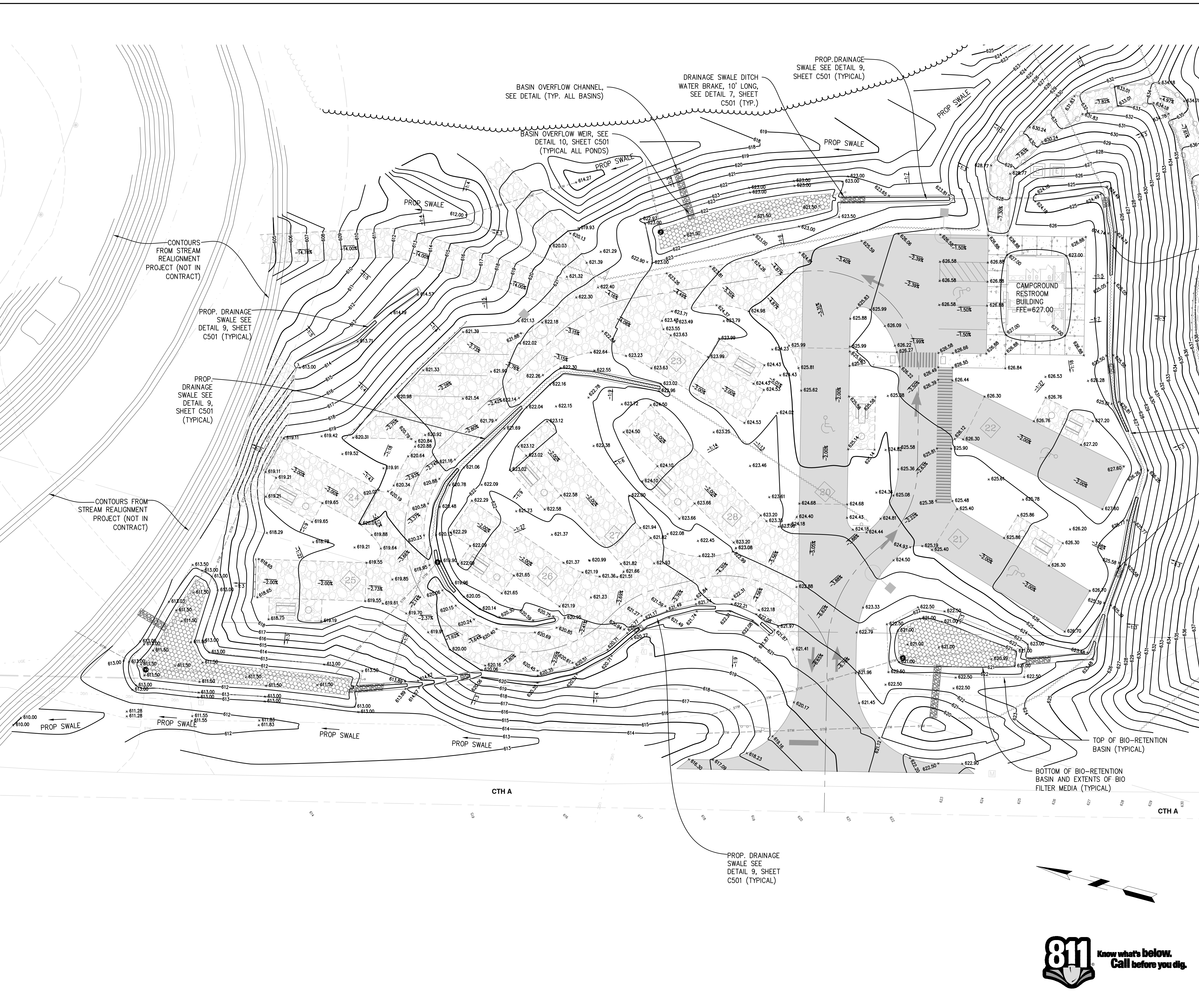
HORIZONTAL SCALE:
0 10 20

PROJECT ID: 171007.00

C301

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- ### SHEET NOTES
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 - CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BATHROOM FACILITY BUILDING AS WELL AS LAWN AND CAMPSITE AREAS TO PREVENT SURFACE PONDING.
 - 3" DEEP GEOCELL REQUIRED ON TURF SLOPES STEEPER THAN (1:2.5) 1' VERTICAL TO 2.5' HORIZONTAL.

PROPOSED DRAINAGE SWALE, SLOPE GRADE TO PROPOSED SWALE OUTLETS AT PROPOSED BASINS

PROP. DRAINAGE SWALE SEE DETAIL 9, SHEET C501 (TYPICAL)

STONE DITCH CHECK, SEE DETAIL 4, SHEET C704 (TYPICAL)

TOP OF BIO-RETENTION BASIN (TYPICAL)

BOTTOM OF BIO-RETENTION BASIN AND EXTENTS OF BIO FILTER MEDIA (TYPICAL)

LEGEND

<ul style="list-style-type: none"> MISC. POST/BOLLARD WELL MAIL BOX TEST PIT WATER SPIGOT LIGHT POLE UTILITY POLE GUY WIRE TELEPHONE PEDESTAL ELECTRICAL PEDESTAL EX. BITUMINOUS EX. CONCRETE WETLAND OHE WTR UGT UGE STM SAN BOUNDARY LINE, SUBJECT PROPERTY RIGHT OF WAY LINES APPROX. ADJACENT PROPERTY LINES SETBACK LINE TEMPORARY GRADING EASEMENT TREE LINE PROPOSED UNDERDRAIN CAMPSITE NUMBER PROPOSED PERMANENT DRAINAGE SWALE CHECK DAM PROPOSED BOTTOM OF BIO-RETENTION POND & EXTENTS OF BIO FILTER 	<ul style="list-style-type: none"> MISC. PROPERTY CORNER BENCHMARK CONTROL POINT SOIL BORING SINGLE POLE SIGN DOUBLE POLE SIGN TREE (CONIFER) TREE (DECIDUOUS) CLEANOUT PROP. BITUMINOUS PROP. CONCRETE PROP. GRAVEL OVERHEAD ELECTRIC LINE WATER LINE UNDERGROUND TELEPHONE UNDERGROUND ELECTRIC STORM SEWER SANITARY SEWER BOUNDARY LINE, SUBJECT PROPERTY RIGHT OF WAY LINES APPROX. ADJACENT PROPERTY LINES SETBACK LINE TEMPORARY GRADING EASEMENT TREE LINE PROPOSED UNDERDRAIN CAMPSITE NUMBER PROPOSED PERMANENT DRAINAGE SWALE CHECK DAM PROPOSED BOTTOM OF BIO-RETENTION POND & EXTENTS OF BIO FILTER
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BID DRAWINGS
 MARINA RECONSTRUCTION, CONTRACT 4
 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

NO.	DATE	DESCRIPTION
1	3/25/2019	FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORDING CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDING BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE

PROPOSED NORTH CAMPGROUND ENLARGED GRADING PLAN

HORIZONTAL SCALE:
 0

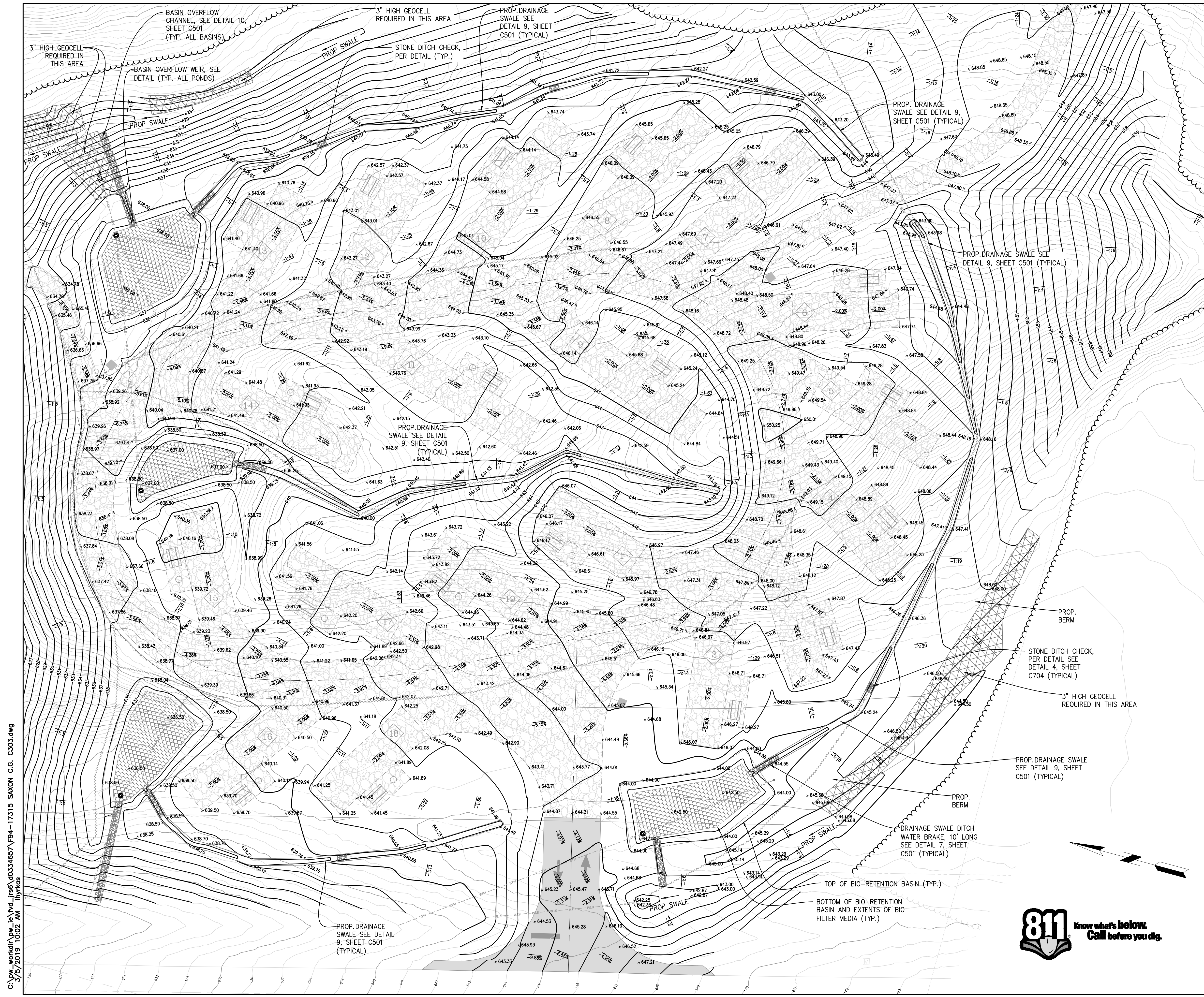
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WISCONSIN
 IRON COUNTY

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- 3" DEEP GEOCELL REQUIRED ON TURF SLOPES STEEPER THAN (1:2.5) 1' VERTICAL TO 2.5' HORIZONTAL.

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MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

LEGEND

- | | |
|-----------------------|---|
| ⊠ MISC. POST/BOLLARD | ● MISC. PROPERTY CORNER |
| ⊞ WELL | ⊕ BENCHMARK |
| ⊞ MAIL BOX | ⊠ CONTROL POINT |
| ⊞ TEST PIT | ⊕ SOIL BORING |
| ⊞ WATER SPIGOT | ⊞ SINGLE POLE SIGN |
| ⊞ LIGHT POLE | ⊞ DOUBLE POLE SIGN |
| ⊞ UTILITY POLE | ⊞ TREE (CONIFER) |
| ⊞ GUY WIRE | ⊞ TREE (DECIDUOUS) |
| ⊞ TELEPHONE PEDESTAL | ⊞ CLEANOUT |
| ⊞ ELECTRICAL PEDESTAL | ⊞ EX. BITUMINOUS |
| ⊞ EX. BITUMINOUS | ⊞ PROP. BITUMINOUS |
| ⊞ EX. CONCRETE | ⊞ PROP. CONCRETE |
| ⊞ WETLAND | ⊞ PROP. GRAVEL |
| — OHE | — OVERHEAD ELECTRIC LINE |
| — WTR | — WATER LINE |
| — UGT | — UNDERGROUND TELEPHONE |
| — UGE | — UNDERGROUND ELECTRIC |
| — STM | — STORM SEWER |
| — SAN | — SANITARY SEWER |
| — | — BOUNDARY LINE, SUBJECT PROPERTY |
| — | — RIGHT OF WAY LINES |
| — | — APPROX. ADJACENT PROPERTY LINES |
| — | — SETBACK LINE |
| — | — TEMPORARY GRADING EASEMENT |
| — | — TREE LINE |
| — | — PROPOSED UNDERDRAIN |
| ⊞ | ⊞ CAMPSITE NUMBER |
| — | — PROPOSED PERMANENT DRAINAGE SWALE CHECK DAM |
| ⊞ | ⊞ PROPOSED BOTTOM OF BIO-RETENTION POND & EXTENTS OF BIO FILTER |

NO.	DATE	DESCRIPTION
1	10/27/2019	FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORD
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORD
BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.S.J.
CHECKED	

PROPOSED SOUTH CAMPGROUND ENLARGED GRADING PLAN

HORIZONTAL SCALE:
0 20 40

PROJECT ID: 171007.00

C303

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IRON COUNTY

IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER BEFORE FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING.

UTILITY INFORMATION SHOWN ON PLANS ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS MAY VARY.

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PLACED BY THE CONTRACTOR SHALL BE IN FULL COMPLIANCE WITH PERMIT AND SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL STATUTES AND ORDINANCES. ANY PERMITS REQUIRED AND NOT OBTAINED BY OWNER PRIOR TO BID WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL EXISTING TURF AREAS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES THROUGHOUT THE PROJECT OR AS SPECIFIED, WITH TOPSOIL SURFACE, SEED PER SPECIFICATION, CHEMICAL FERTILIZER NUTRIENT, MULCH BLANKET AND ANCHORING. REFER TO LANDSCAPING PLAN FOR FINAL REQUIREMENTS.

SEE ELECTRICAL, MECHANICAL, AND PLUMBING PLANS FOR EXACT CONNECTIONS TO PROPOSED BUILDING UTILITIES

DAMAGE TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIR AS SUCH SHALL NOT ADD ADDITIONAL

CONTRACTOR SHALL COORDINATE ALL OF THEIR WORK WITH THE UTILITY COMPANIES' WORK AT NO ADDITIONAL COST TO THE PROJECT.

9. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION. 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.
10. COSTS AND FEES CHARGED BY UTILITY COMPANIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE MADE A PART OF THE LUMP SUM CONTRACT.
11. UTILITY DISINFECTION AND OTHER TESTING AS REQUIRED BY GOVERNING CODE REQUIREMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR
12. UTILITY MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH EACH UTILITY PROVIDERS STANDARD REQUIREMENTS.
13. CONTRACTOR IS TO INSTALL WATERMAIN WITH MINIMUM 30" OF COVER.



LEGEND

- OHE — OVERHEAD ELECTRIC LINE
- WTR — WATER LINE
- UGT — UNDERGROUND TELEPHONE
- UGE — UNDERGROUND ELECTRIC
- STM — STORM SEWER
- SAN — SANITARY SEWER
- BOUNDARY LINE, SUBJECT PROPERTY
- APPROX. ADJACENT PROPERTY LINES
- SETBACK LINE
- TEMPORARY GRADING EASEMENT
- TREE LINE
- PROPOSED UNDERDRAIN
- ⊠ MISC. POST/BOLLARD
- ⊙ WELL
- Ⓜ MAIL BOX
- Ⓢ TEST PIT
- LIGHT POLE
- Ⓢ UTILITY POLE
- Ⓢ GUY WIRE
- Ⓢ TELEPHONE PEDESTAL
- Ⓢ ELECTRICAL PEDESTAL
- ⊙ SOIL BORING
- Ⓢ SINGLE POLE SIGN
- Ⓢ DOUBLE POLE SIGN
- Ⓢ TREE (CONIFER)
- Ⓢ TREE (DECIDUOUS)
- Ⓢ CLEANOUT
- Ⓢ CAMPSITE NUMBER
- Ⓢ WATER SPIGOT
- PROP. BITUMINOUS
- EX. BITUMINOUS
- PROP. CONCRETE
- PROP. GRAVEL



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BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

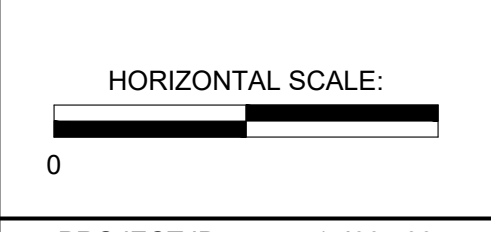
IRON COUNTY
WISCONSIN

NO.	DATE	REVISIONS
1	4/10/2019	FOR BIDDING

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDING
BY: DATE

DATE OF PREPARATION	
BY	DATE

OVERALL
CAMPGROUND
AREA -
UTILITY PLAN



PROJECT ID: 171007.00

C401

SHEET NOTES

- IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER BEFORE PROCEEDING WITH WORK.
- FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING.
- UTILITY INFORMATION SHOWN ON PLANS ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS MAY VARY.
- THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL EXISTING TURF AREAS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES THROUGHOUT THE PROJECT OR AS SPECIFIED, WITH TOPSOIL SURFACE, 6 INCH, SEED PER SPECIFICATION, CHEMICAL FERTILIZER NUTRIENT, MULCH BLANKET AND ANCHORING. ONCE RESTORATION IS COMPLETE, WATERING OF THESE AREAS SHALL BE DONE AS NEEDED FOR A PERIOD OF 1 YEAR.
- SEE ELECTRICAL, MECHANICAL, AND PLUMBING PLANS FOR EXACT CONNECTIONS TO PROPOSED BUILDING UTILITIES
- DAMAGE TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIR AS SUCH SHALL NOT ADD ADDITIONAL COST TO THE CONTRACT
- CONTRACTOR SHALL COORDINATE ALL OF THEIR WORK WITH THE UTILITY COMPANIES' WORK AT NO ADDITIONAL COST TO THE PROJECT.
- FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION. 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.
- UTILITY DISINFECTION AND OTHER TESTING AS REQUIRED BY GOVERNING CODE REQUIREMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR
- CONTRACTOR IS TO INSTALL WATERMAIN WITH MINIMUM 30" OF COVER.

LEGEND

- ⊗ MISC. POST/BOLLARD
- ⊙ WELL
- Ⓜ MAIL BOX
- Ⓣ TEST PIT
- Ⓢ WATER SPIGOT
- Ⓛ LIGHT POLE
- Ⓛ UTILITY POLE
- Ⓛ GUY WIRE
- Ⓣ TELEPHONE PEDESTAL
- Ⓛ ELECTRICAL PEDESTAL
- EX. BITUMINOUS
- EX. CONCRETE
- SOIL BORING
- SINGLE POLE SIGN
- DOUBLE POLE SIGN
- TREE (CONIFER)
- TREE (DECIDUOUS)
- ⊙ CLEANOUT
- PROP. BITUMINOUS
- PROP. CONCRETE
- PROP. GRAVEL
- OHE OVERHEAD ELECTRIC LINE
- WTR WATER LINE
- UGT UNDERGROUND TELEPHONE
- UGE UNDERGROUND ELECTRIC
- STM STORM SEWER
- SAN SANITARY SEWER
- APPROX. ADJACENT PROPERTY LINES
- SETBACK LINE
- ~ TREE LINE
- ◇ CAMPSITE NUMBER




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BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

WISCONSIN
 IRON COUNTY

REVISIONS		DATE		DESCRIPTION	
NO.	BY	DATE	DATE	DESCRIPTION	DATE
1	UPEA			FOR CONSTRUCTION	

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION RECORD
CONFORMING TO CONTRACTOR AND/OR OWNERS RECORD
BY _____ DATE _____

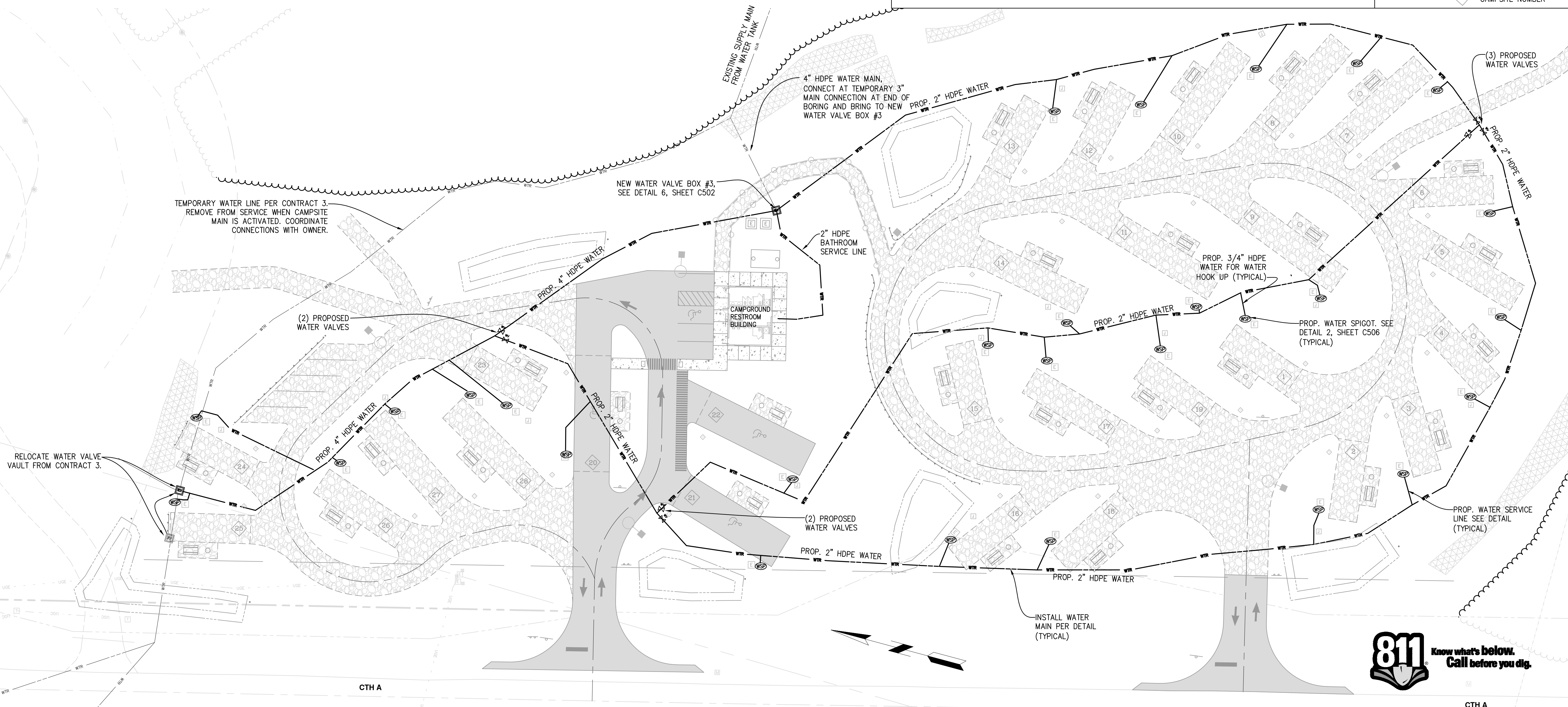
DATE OF PREPARATION	
BY	DATE
SURVEYED	L.G.H.
DRAWN	A.S.J.
DESIGNED	
CHECKED	

PROPOSED CAMPGROUND AREA - WATER PLAN

HORIZONTAL SCALE:
0 30 60

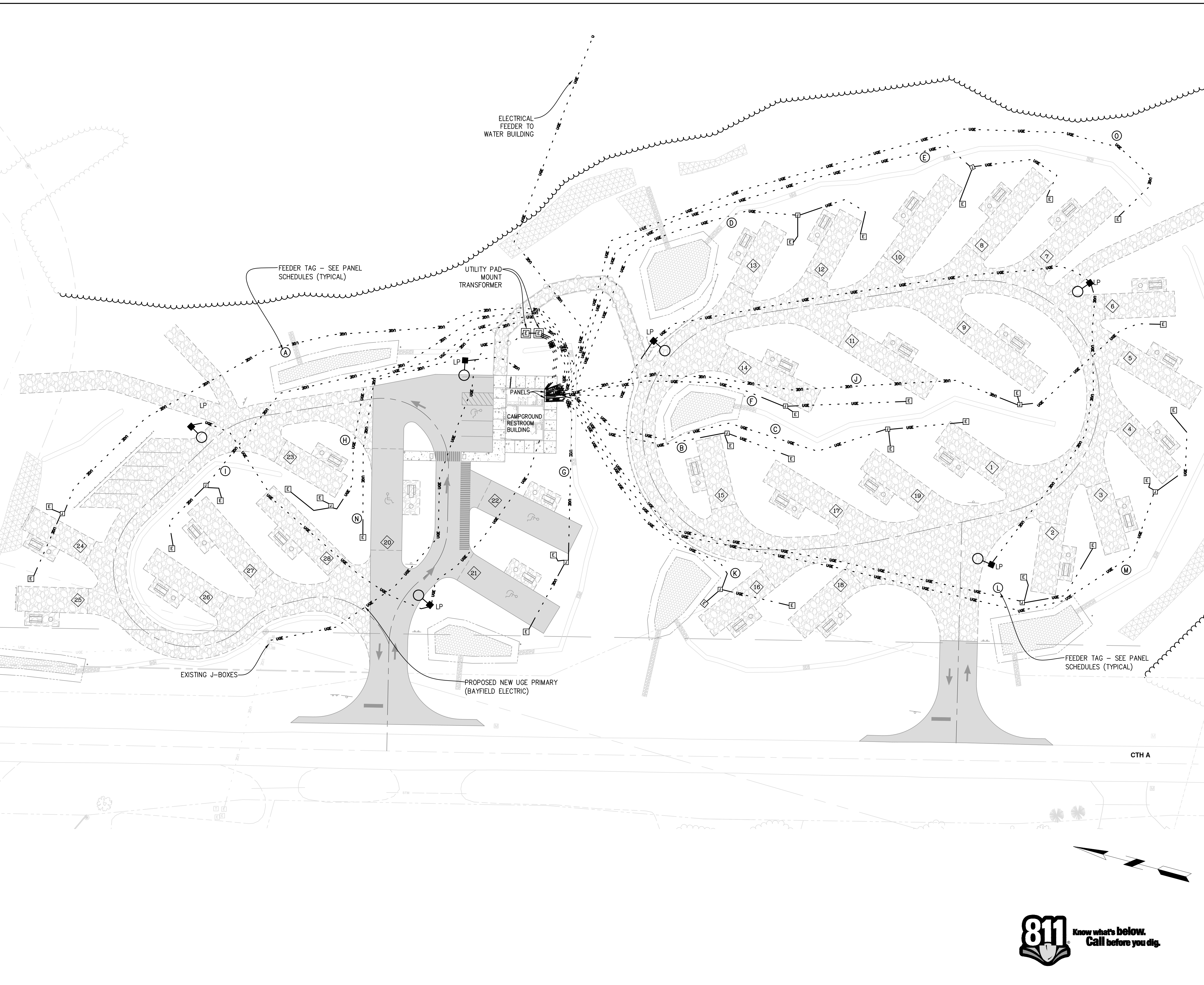
PROJECT ID: 171007.00

C402



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SHEET NOTES

1. CONDUITS IN GRASS AREAS SHALL BE BURIED 1'-6" MINIMUM BELOW FINISHED GRADE WITH WARNING TAPE 6" ABOVE CONDUIT UNLESS NOTED OTHERWISE.
2. CONDUITS BELOW DRIVING SURFACE SHALL BE BURIED 2'-0" MINIMUM UNDER BASE COARSE OF PAVEMENT.
3. ROUTE CONDUITS TO AVOID UTILITY AND PLANTING LOCATIONS.
4. COORDINATE LOCATION OF CONDUITS WITH UTILITY COMPANY. PROVIDE STEEL PULL WIRE AND MEASURED PULL STRING IN EACH CONDUIT. ALL 90° ELBOWS SHALL BE GALVANIZED STEEL LONG SWEEP BENDS.
5. DO NOT ROUTE ANY ELECTRICAL CONDUITS WITHIN 20 FEET OF ANY FUEL DISPENSER, OR WITHIN 10 FEET OF ANY BURIED FUEL TANK, OR 5 FEET OF FUEL TANK AIR VENT PIPES.

LEGEND

- | | | | |
|-----|--------------------------------------|---|-----------------------|
| ⊠ | MISC. POST/BOLLARD | ⊙ | MISC. PROPERTY CORNER |
| ⊙ | WELL | ⊕ | BENCHMARK |
| ⊠ | MAIL BOX | ⊠ | CONTROL POINT |
| ⊙ | TEST PIT | ⊕ | SOIL BORING |
| ⊙ | WATER SPIGOT | ⊕ | SINGLE POLE SIGN |
| ⊙ | LIGHT POLE | ⊕ | DOUBLE POLE SIGN |
| ⊙ | UTILITY POLE | ⊕ | GUY WIRE |
| ⊙ | GUY WIRE | ⊕ | TREE (CONIFER) |
| ⊕ | TELEPHONE PEDESTAL | ⊕ | TREE (DECIDUOUS) |
| ⊕ | ELECTRICAL PEDESTAL | | |
| ⊕ | CLEANOUT | | |
| ■ | EX. BITUMINOUS | ■ | PROP. BITUMINOUS |
| ■ | EX. CONCRETE | ■ | PROP. CONCRETE |
| ■ | WETLAND | ■ | PROP. GRAVEL |
| --- | OVERHEAD ELECTRIC LINE | | |
| --- | WATER LINE | | |
| --- | UNDERGROUND TELEPHONE | | |
| --- | UNDERGROUND ELECTRIC | | |
| --- | STORM SEWER | | |
| --- | SANITARY SEWER | | |
| --- | BOUNDARY LINE, SUBJECT PROPERTY | | |
| --- | RIGHT OF WAY LINES | | |
| --- | APPROX. ADJACENT PROPERTY LINES | | |
| --- | SETBACK LINE | | |
| --- | TEMPORARY GRADING EASEMENT | | |
| --- | TREE LINE | | |
| ◇ | CAMPSITE NUMBER | | |
| ⊙ | FEEDER TAG - SEE PANEL SCHEDULES | | |
| ⊕ | ELECTRICAL POWER PEDESTAL PER DETAIL | | |
| ⊕ | HANDHOLE/JUNCTION BOX - PER DETAIL | | |
| ⊕ | PROPOSED LIGHT POLE | | |

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BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

IRON COUNTY

NO.	BY	DATE	DESCRIPTION
1	UPEA		FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.
BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE

SURVEYED	
DRAWN	L.G.H.
DESIGNED	P.M.
CHECKED	P.M.

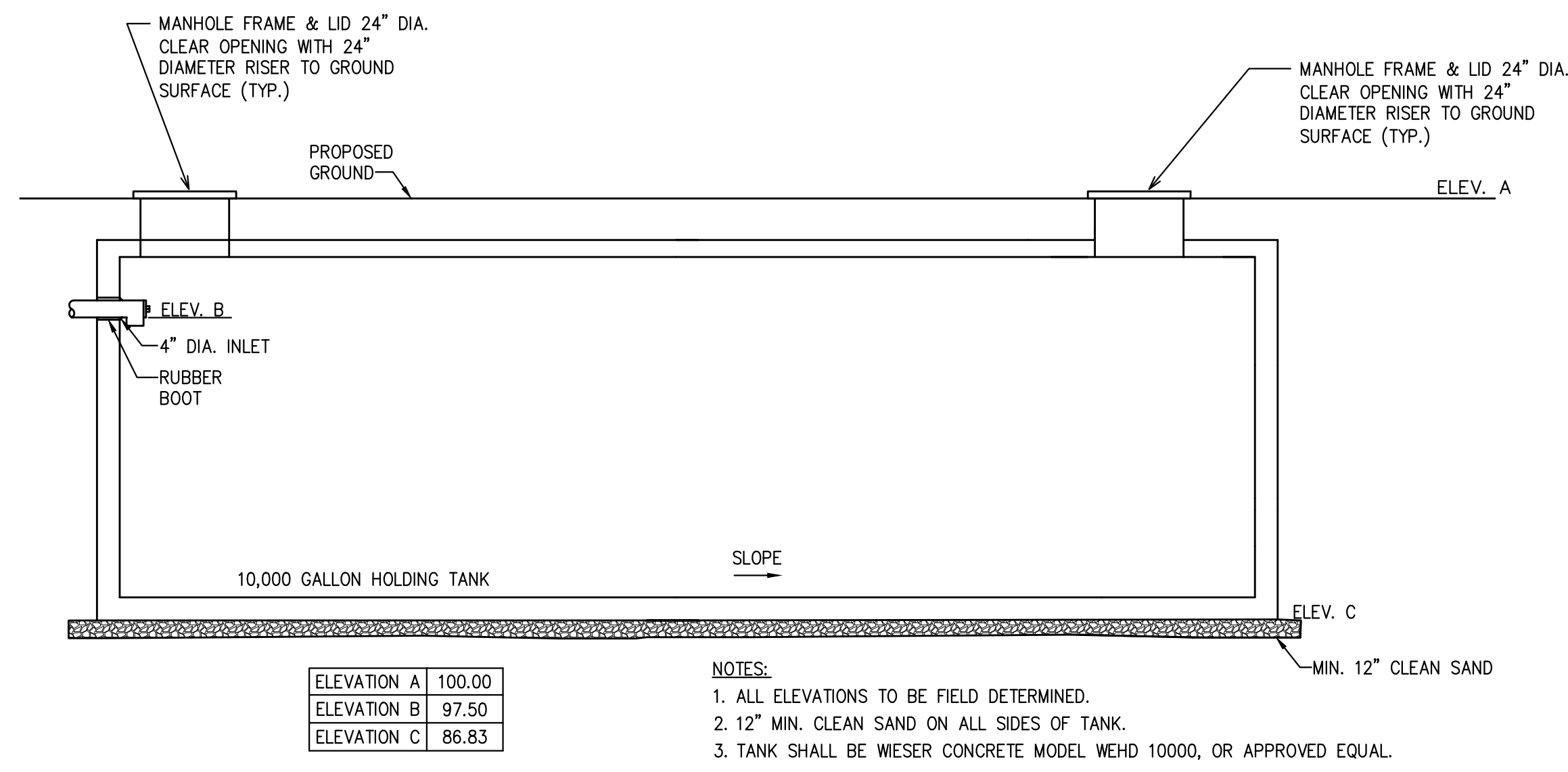
PROPOSED CAMPGROUND AREA - ELECTRIC PLAN

HORIZONTAL SCALE:
0 30 60

PROJECT ID: 171007.00

C403

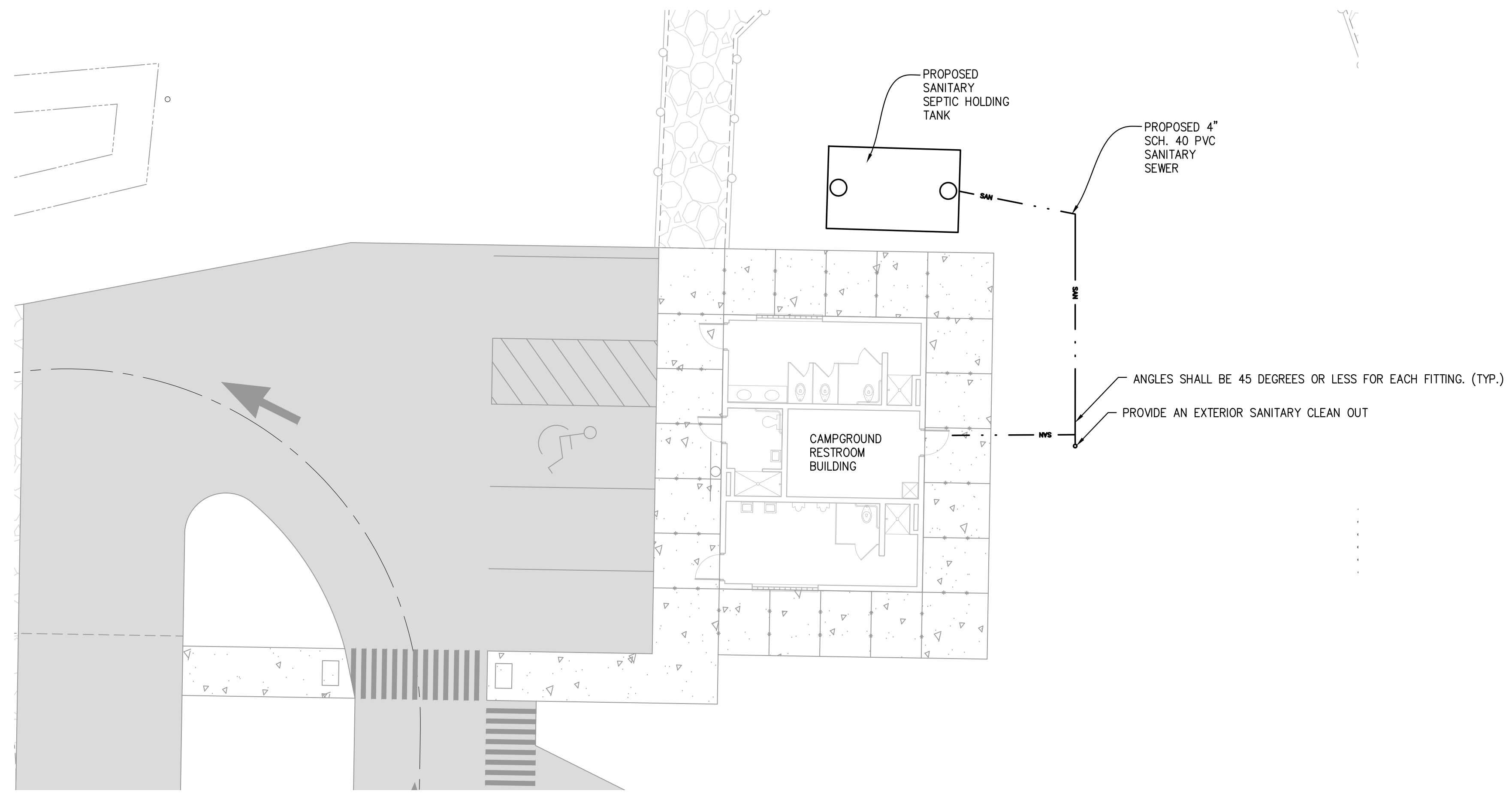




ELEVATION A	100.00
ELEVATION B	97.50
ELEVATION C	86.83

- NOTES:
1. ALL ELEVATIONS TO BE FIELD DETERMINED.
 2. 12" MIN. CLEAN SAND ON ALL SIDES OF TANK.
 3. TANK SHALL BE WESER CONCRETE MODEL WEHD 10000, OR APPROVED EQUAL.

1 SANITARY SEWER HOLDING TANK DETAIL
NOT TO SCALE



2 CAMPGROUND RESTROOM SANITARY
SCALE: 1" = 10'

SHEET NOTES

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2. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING.
3. UTILITY INFORMATION SHOWN ON PLANS ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS MAY VARY.
4. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PLACED BY THE CONTRACTOR SHALL BE IN FULL COMPLIANCE WITH WISCONSIN CODE.
5. THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL EXISTING TURF AREAS WHICH ARE DISTURBED BY CONSTRUCTION ACTIVITIES THROUGHOUT THE PROJECT OR AS SPECIFIED. SEE LANDSCAPE PLANS FOR DETAILS.
6. DAMAGE TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIR AS SUCH SHALL NOT ADD ADDITIONAL COST TO THE CONTRACT.
7. CONTRACTOR SHALL COORDINATE ALL OF THEIR WORK WITH THE UTILITY COMPANIES' WORK AT NO ADDITIONAL COST TO THE PROJECT.
8. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION. 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.
9. COSTS AND FEES CHARGED BY UTILITY COMPANIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE MADE A PART OF THE LUMP SUM CONTRACT.
10. UTILITY MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH EACH UTILITY PROVIDERS STANDARD REQUIREMENTS.

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ⊗ MISC. POST/BOLLARD ⊙ WELL ☐ MAIL BOX ⊕ TEST PIT ⊕ WATER SPIGOT ● LIGHT POLE ⊕ UTILITY POLE ⊕ GUY WIRE ⊕ TELEPHONE PEDESTAL ⊕ ELECTRICAL PEDESTAL ■ EX. BITUMINOUS ■ EX. CONCRETE ■ WETLAND — OHE — WTR — UGT — UGE — STM — SAN — BOUNDARY LINE, SUBJECT PROPERTY — RIGHT OF WAY LINES — APPROX. ADJACENT PROPERTY LINES — SETBACK LINE — TEMPORARY GRADING EASEMENT — TREE LINE — PROPOSED UNDERDRAIN | <ul style="list-style-type: none"> ● MISC. PROPERTY CORNER ⊕ BENCHMARK ⊕ CONTROL POINT ⊕ SOIL BORING ⊕ SINGLE POLE SIGN ⊕ DOUBLE POLE SIGN ● TREE (CONIFER) ● TREE (DECIDUOUS) ⊕ CLEANOUT ■ PROP. BITUMINOUS ■ PROP. CONCRETE ■ PROP. GRAVEL — OVERHEAD ELECTRIC LINE — WATER LINE — UNDERGROUND TELEPHONE — UNDERGROUND ELECTRIC — STORM SEWER — SANITARY SEWER — BOUNDARY LINE, SUBJECT PROPERTY — RIGHT OF WAY LINES — APPROX. ADJACENT PROPERTY LINES — SETBACK LINE — TEMPORARY GRADING EASEMENT — TREE LINE — PROPOSED UNDERDRAIN ⊕ CAMPSITE NUMBER |
|--|---|

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BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

IRON COUNTY
WISCONSIN

NO.	DATE	DESCRIPTION	BY
1	4/25/2019	FOR CONSTRUCTION	UPEA

RECORD DRAWING OF COMPLETED CONSTRUCTION BY: _____ DATE: _____
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.S.J.
CHECKED	

PROPOSED CAMPGROUND AREA - SANITARY SEWER PLAN

HORIZONTAL SCALE:
0 10 20

PROJECT ID: 171007.00

C404

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SHEET NOTES

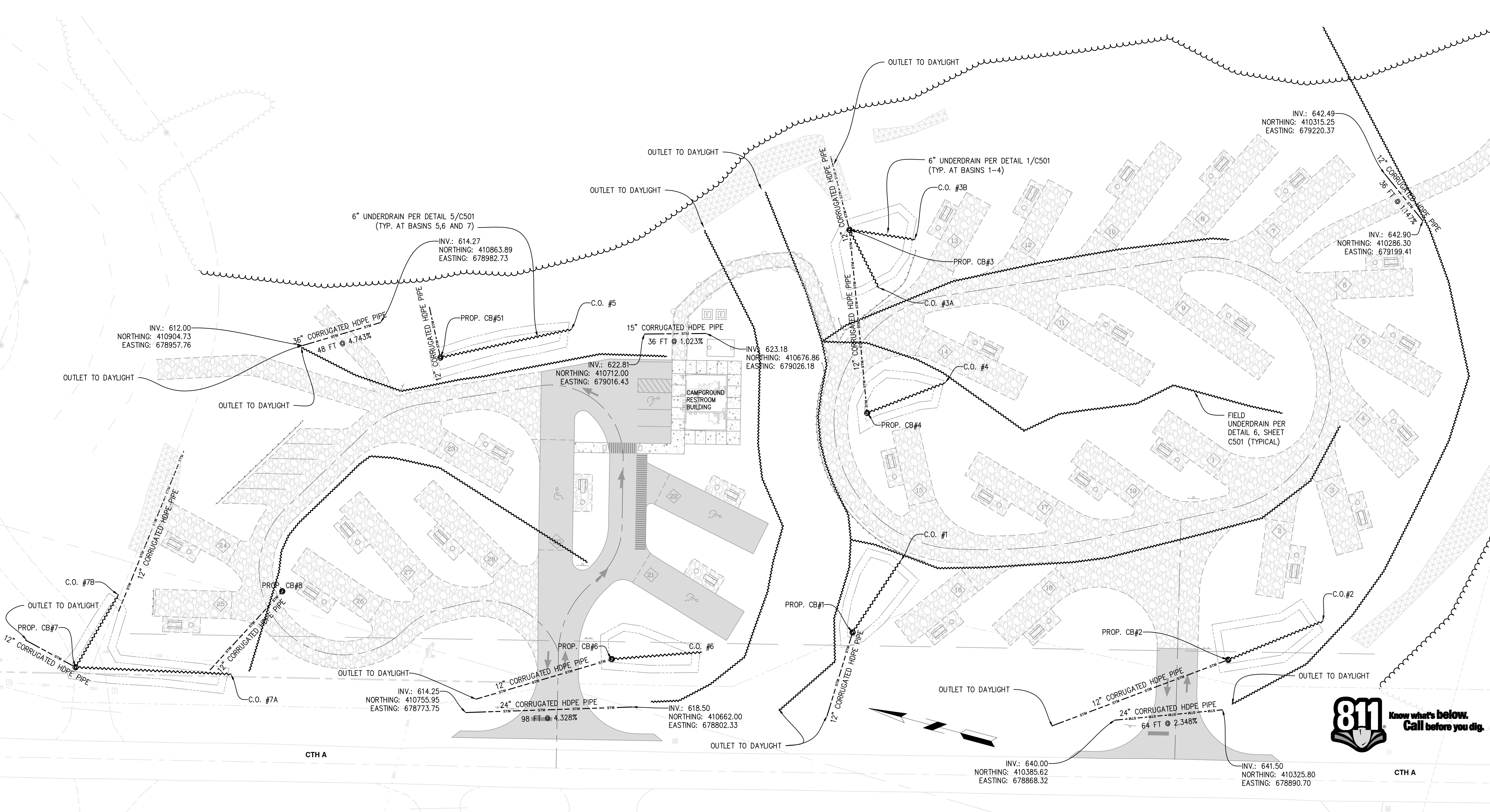
- UTILITY INFORMATION SHOWN ON PLANS ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS MAY VARY.
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- CONTRACTOR SHALL COORDINATE ALL OF THEIR WORK WITH THE UTILITY COMPANIES' WORK AT NO ADDITIONAL COST TO THE PROJECT.
- ALL CULVERTS ON COUNTY HIGHWAY SHALL INCLUDE METAL APRON ENDWALLS PER WISCONSIN D.O.T. STANDARD SPECIFICATIONS AND DETAIL SDF 8F1, GRADE AROUND APRON AS NEEDED TO ACCOMMODATE REQUIRED FLOW
- CLEANOUTS ARE REQUIRED FOR EACH UNDERDRAIN LINE WITHIN THE BIO-RETENTION POND COLLECTION SYSTEMS - SEE DETAIL 3, SHEET C501.
- CONTRACTOR TO ENSURE DRAINTILE IS FREE FROM SAGS AND PROVIDES POSITIVE FLOW TO OUTLETS.
- SEE SHEETS C601 AND C602 FOR PROFILE DETAILS.
- ALL CATCH BASINS WITHIN BIO-RETENTION PONDS SHALL HAVE A RIM ELEVATION 10" ABOVE PROPOSED FINISHED GRADE, CONTRACTOR TO BERM FILTER MEDIA MATERIAL AROUND CATCH BASIN RIM TO POND BOTTOM AT 1:1 SLOPE.

LEGEND

— OHE —	OVERHEAD ELECTRIC LINE	⊗	MISC. POST/BOLLARD	⊙	SOIL BORING
— WTR —	WATER LINE	⊙	WELL	⊙	SINGLE POLE SIGN
— UGT —	UNDERGROUND TELEPHONE	⊙	MAIL BOX	⊙	DOUBLE POLE SIGN
— UGE —	UNDERGROUND ELECTRIC	⊙	TEST PIT	⊙	TREE (CONIFER)
— STM —	STORM SEWER	⊙	UTILITY POLE	⊙	TREE (DECIDUOUS)
— SAN —	SANITARY SEWER	⊙	GUY WIRE	⊙	CLEANOUT
---	BOUNDARY LINE, SUBJECT PROPERTY	⊙	TELEPHONE PEDESTAL	⊙	CAMPSITE NUMBER
---	RIGHT OF WAY LINES	⊙	ELECTRICAL PEDESTAL	⊙	WATER SPIGOT
---	APPROX. ADJACENT PROPERTY LINES	■	PROP. BITUMINOUS	■	PROP. CONCRETE
---	SETBACK LINE	■	EX. BITUMINOUS	■	PROP. GRAVEL
---	TEMPORARY GRADING EASEMENT	---			
---	TREE LINE	---			
---	PROPOSED UNDERDRAIN				




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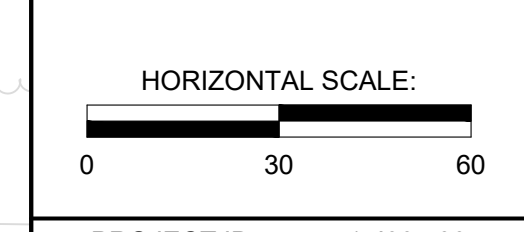
BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

NO.	DATE	DESCRIPTION
1	05/25/2019	FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY: _____
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS. BY: _____

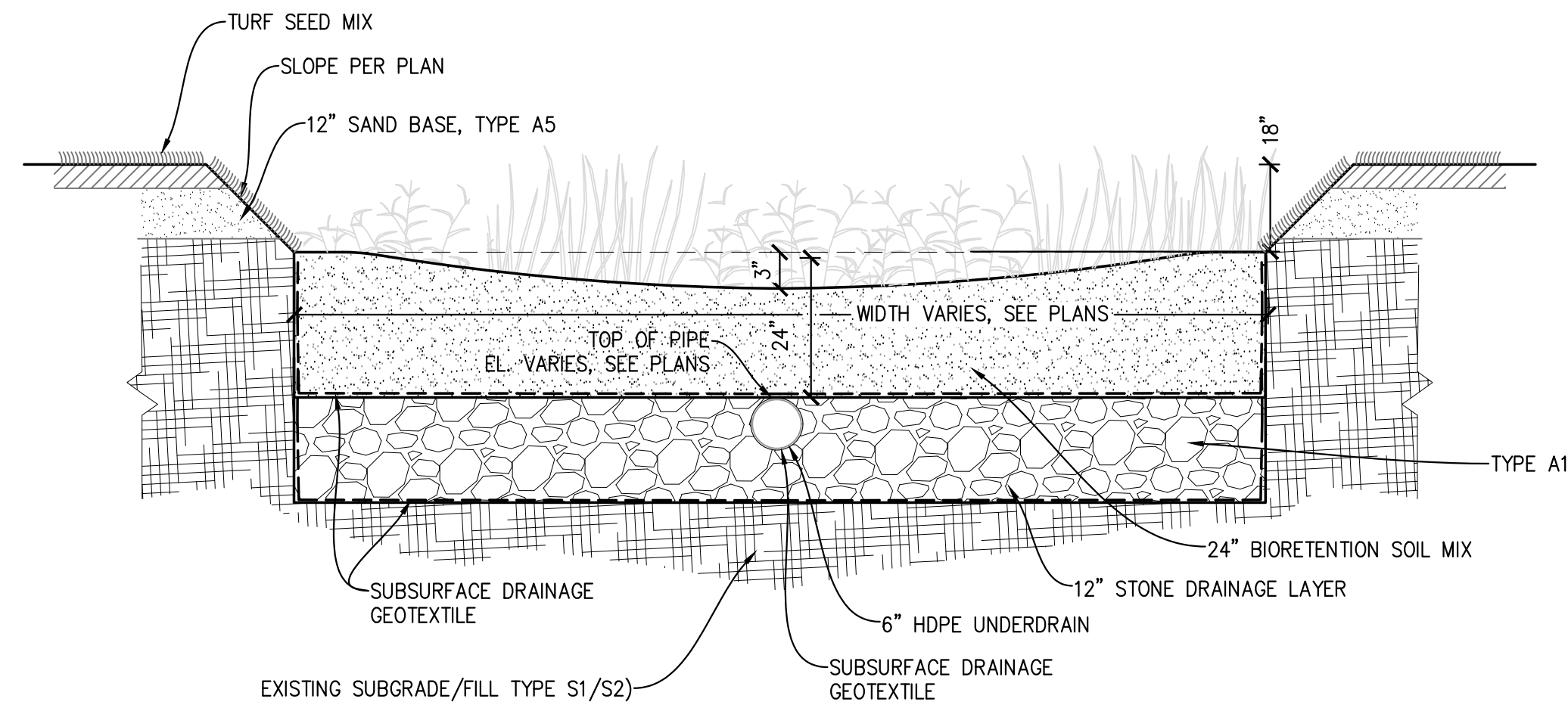
DATE OF PREPARATION	
BY	DATE

PROPOSED CAMPGROUND AREA - STORM SEWER PLAN

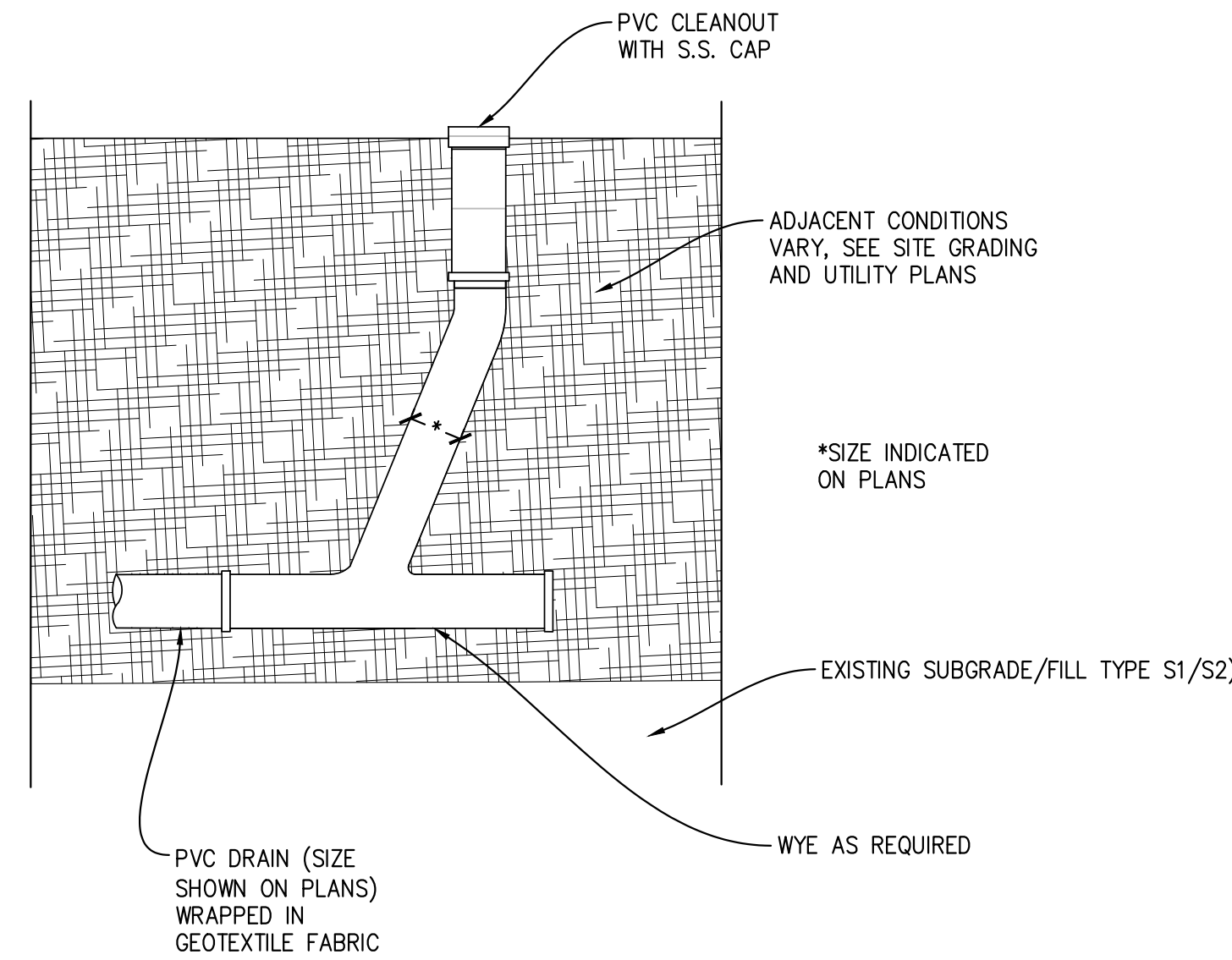


PROJECT ID: 171007.00
C405

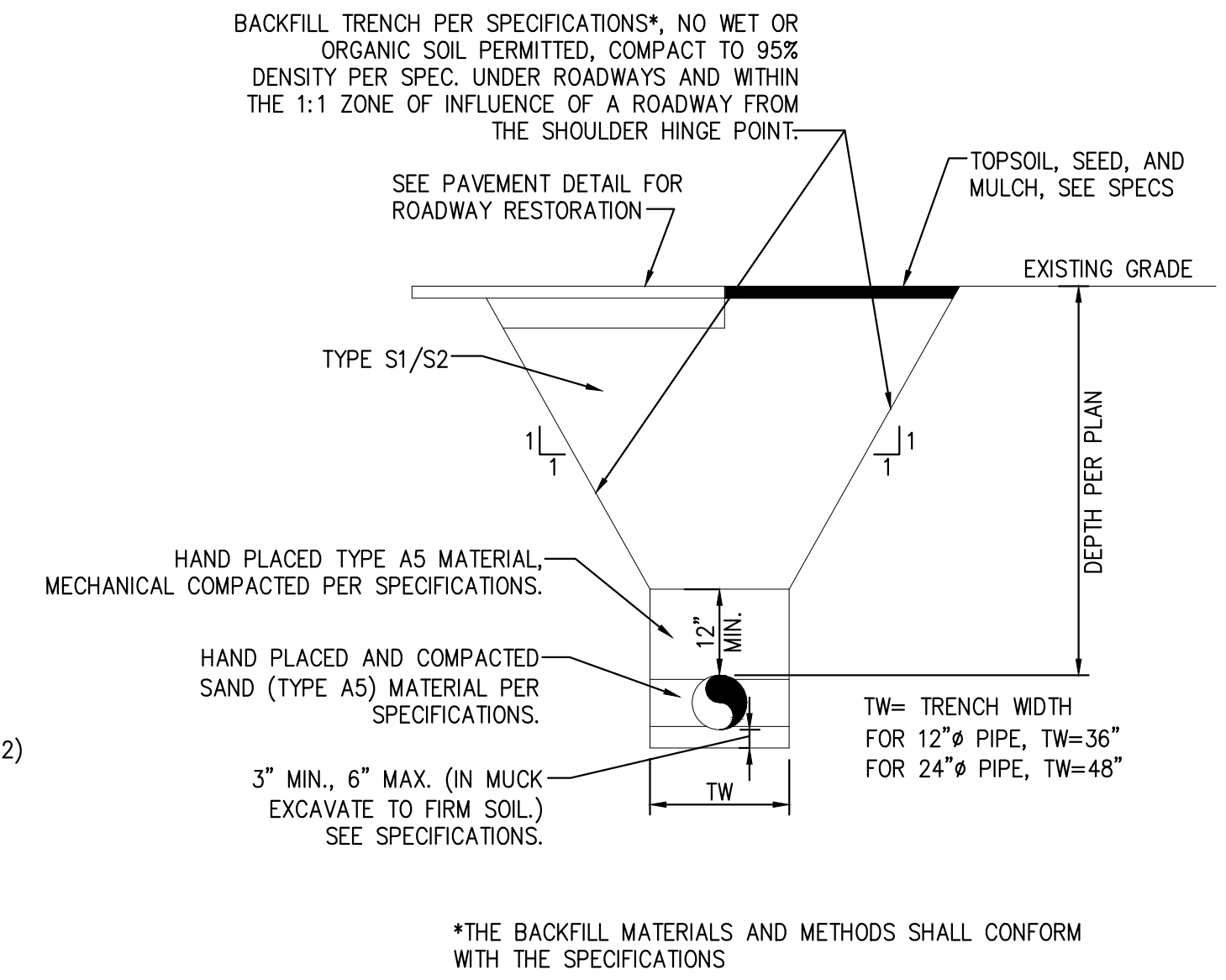
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3/25/2019 10:03 AM



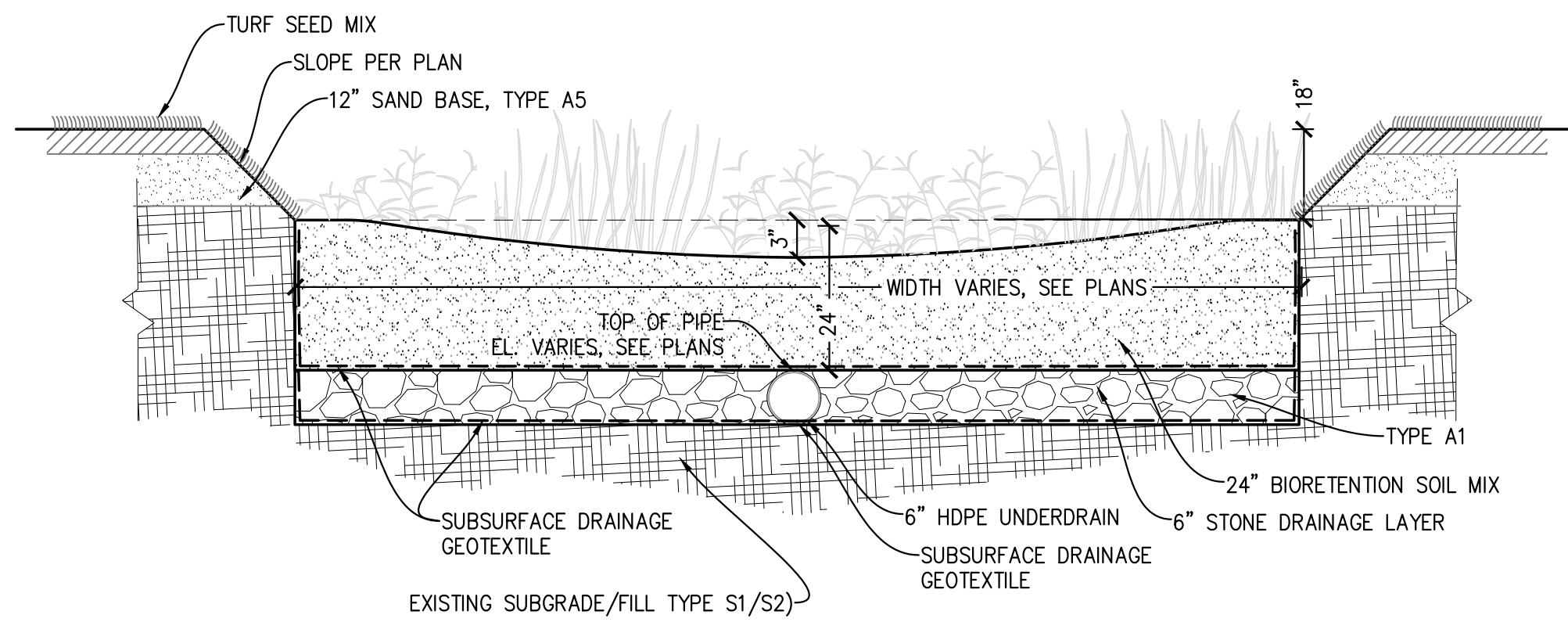
1 BIORETENTION BASIN 1, 2, 3, and 4
NOT TO SCALE



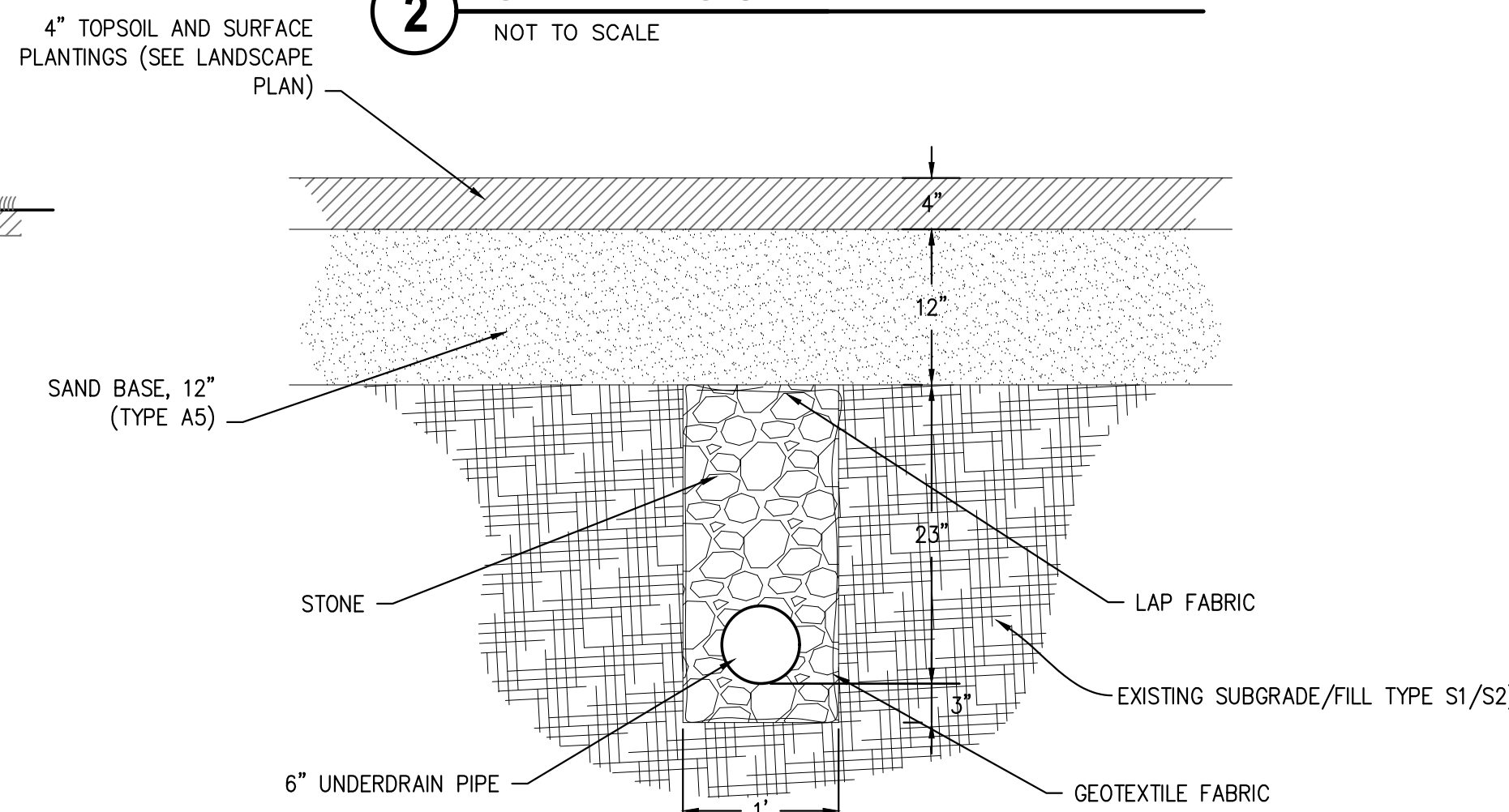
2 TYPICAL UNDERDRAIN CLEAN OUT DETAIL
NOT TO SCALE



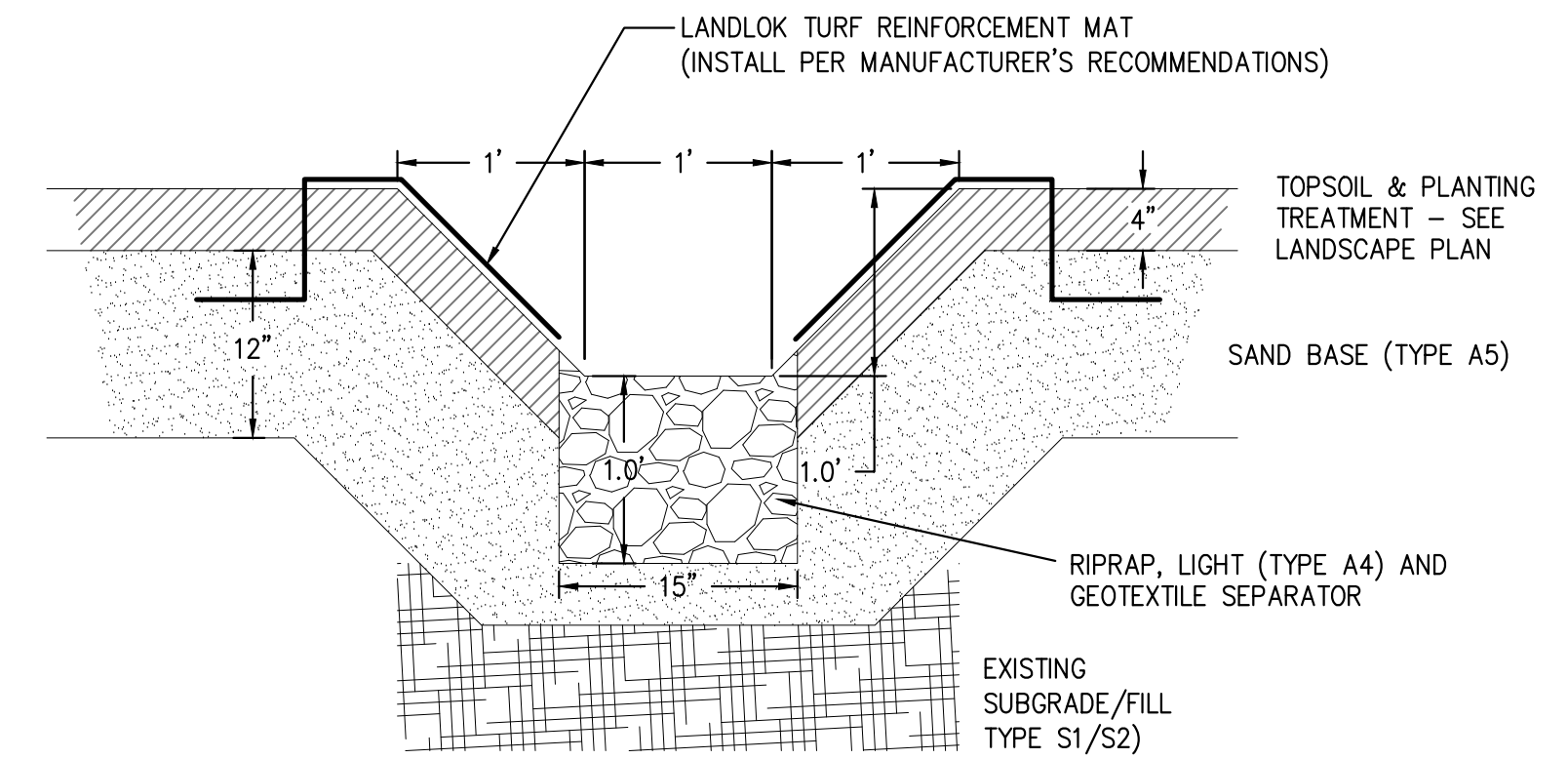
3 TYPICAL STORM/SANITARY SEWER TRENCH DETAIL
NOT TO SCALE



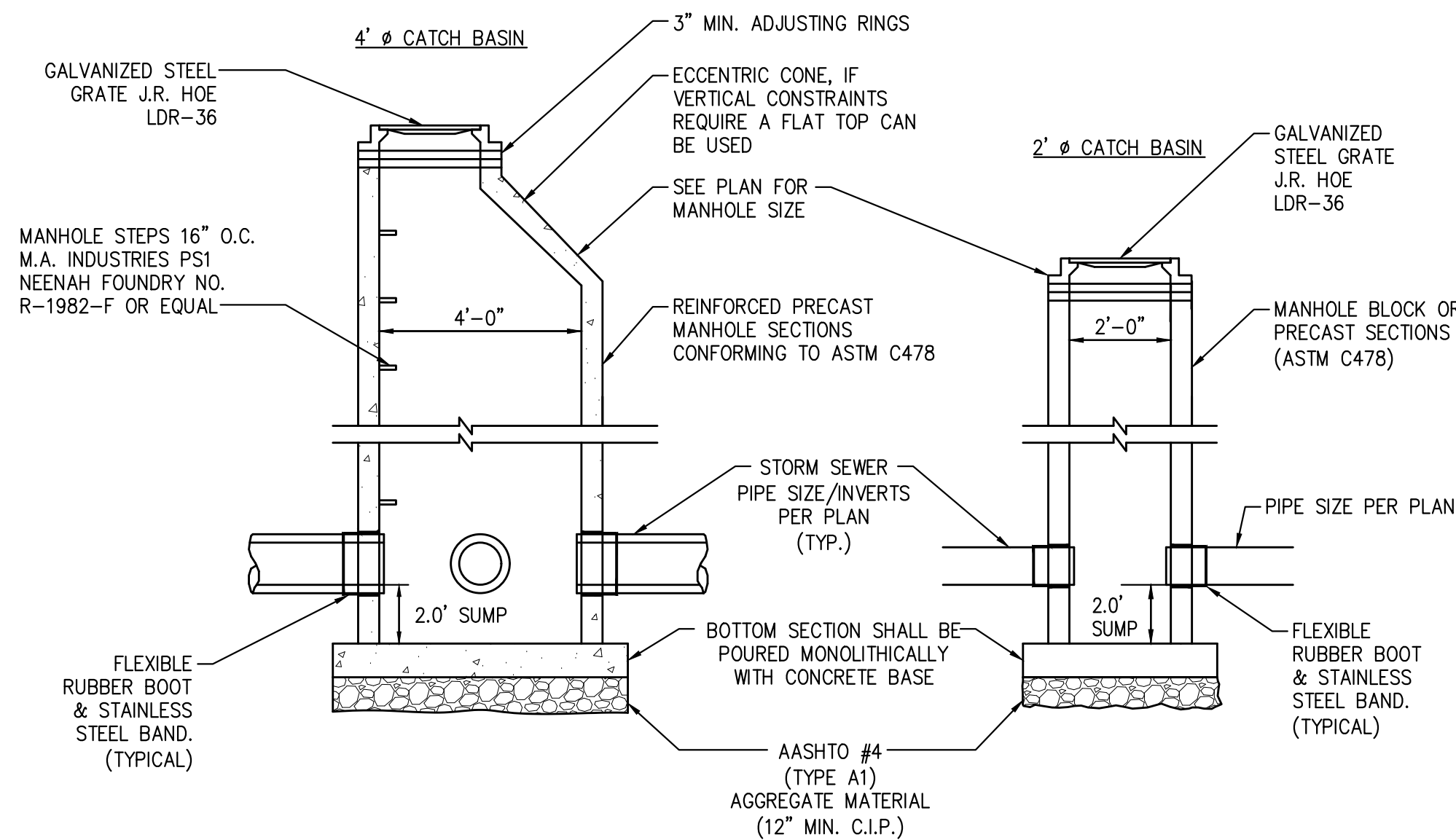
4 BIORETENTION BASIN 5, 6, 7
NOT TO SCALE



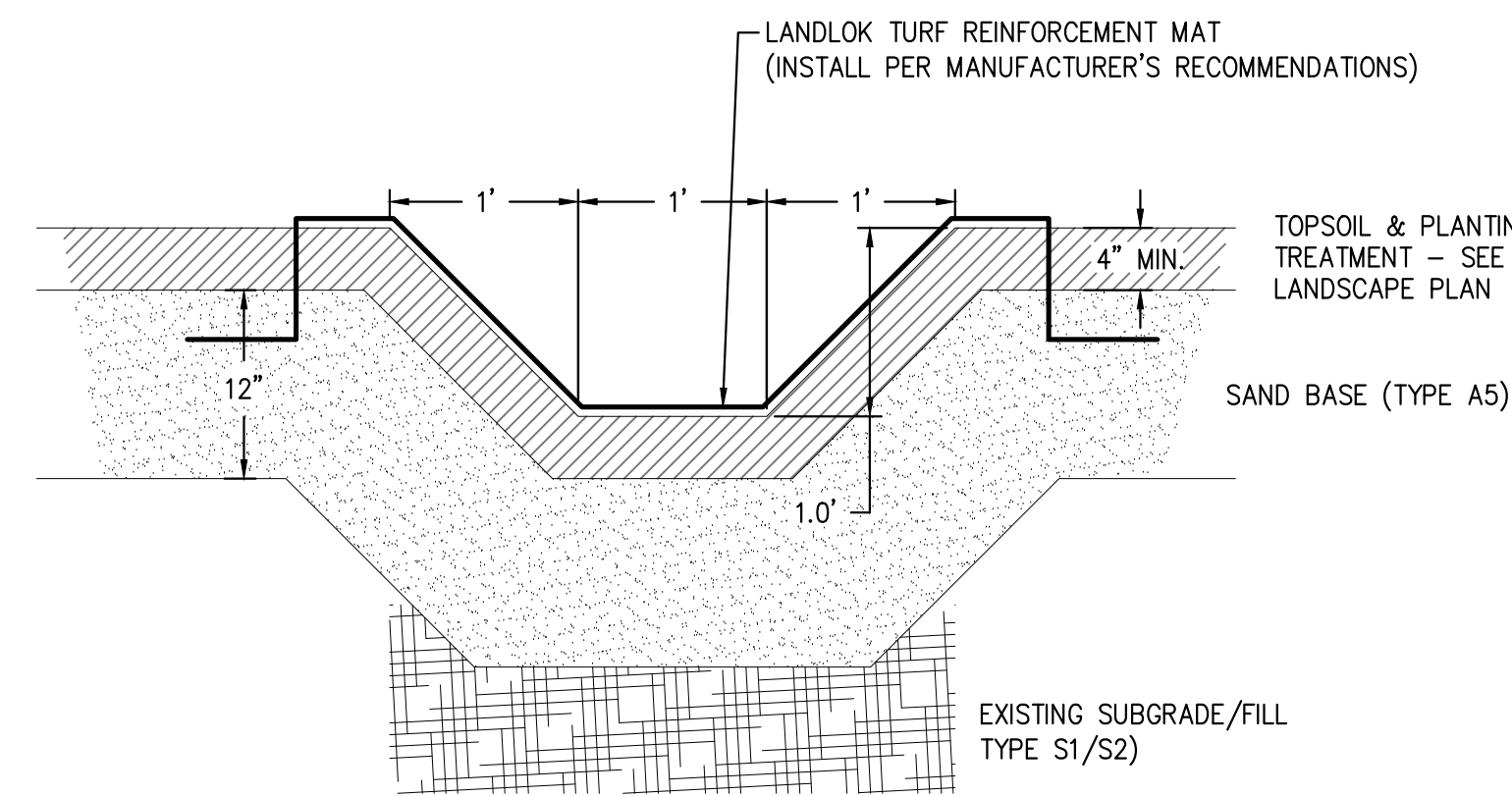
5 UNDERDRAIN TYPICAL DETAIL
NOT TO SCALE



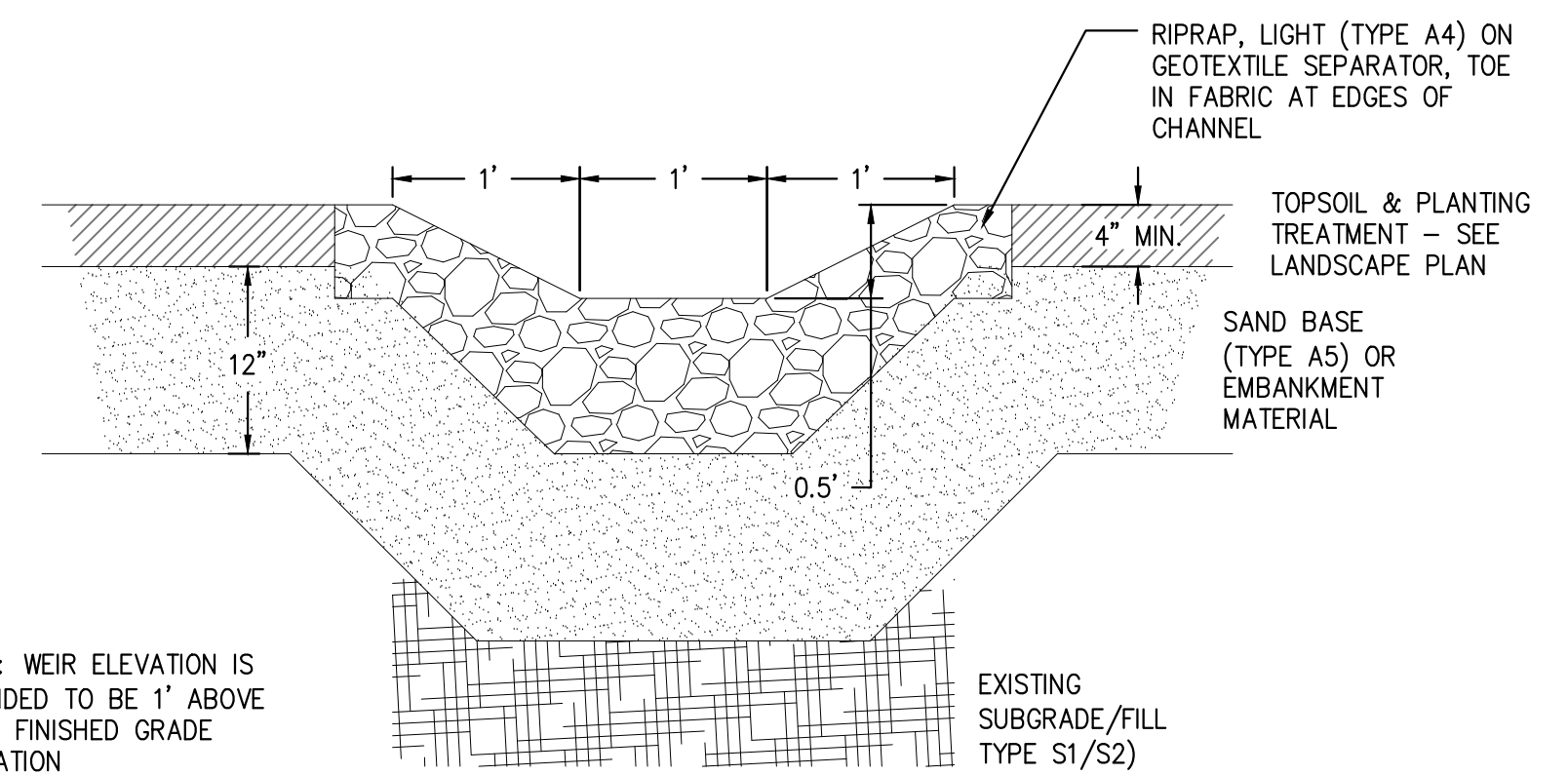
6 SWALE DITCH BRAKE
NOT TO SCALE



7 2' & 4' DIAMETER CATCH BASIN DETAIL
NOT TO SCALE



8 TYPICAL DRAINAGE SWALE
NOT TO SCALE



9 BASIN OVERFLOW CHANNEL/WEIR DETAIL
NOT TO SCALE

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BID DRAWINGS
MARINA RECONSTRUCTION, CONTRACT 4
SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN

REVISIONS	DESCRIPTION	DATE	BY
NO.	DATE	DESCRIPTION	BY
1	UPEA	FOR CONSTRUCTION	

RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS.
DATE

DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	
DESIGNED	
CHECKED	

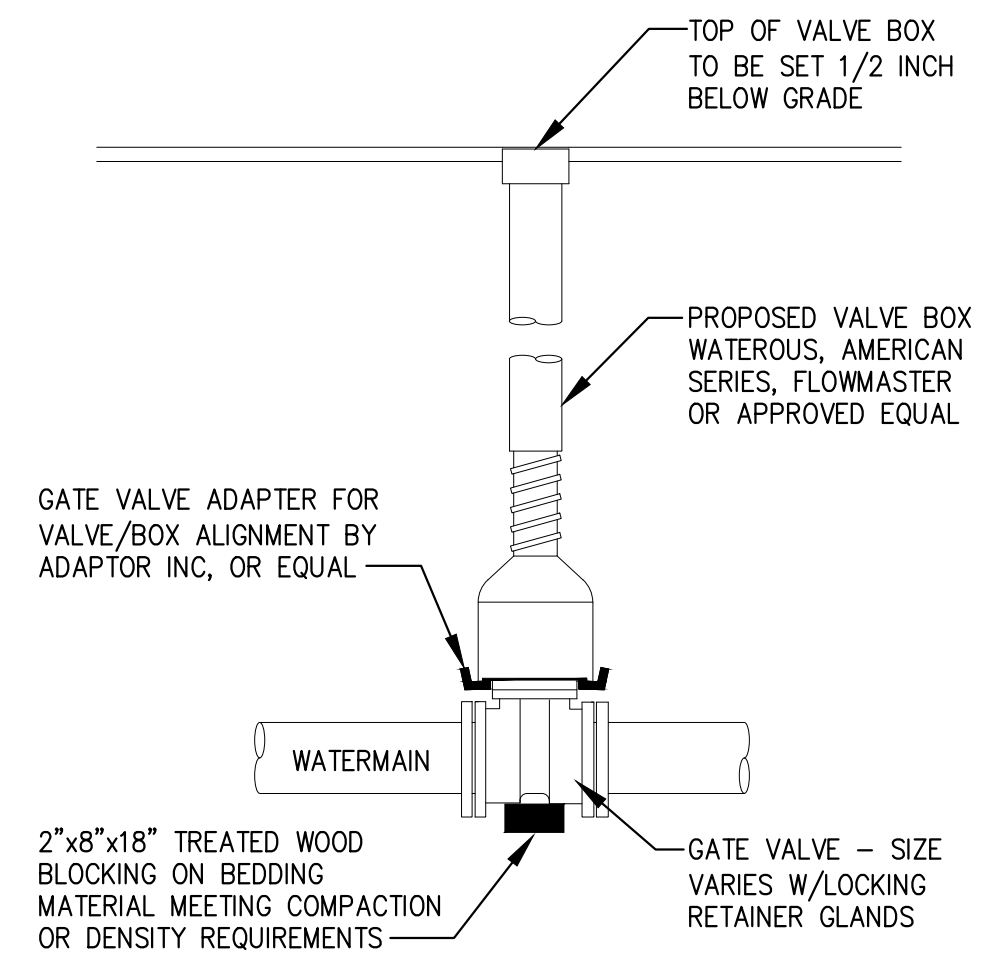
PROPOSED CAMPGROUND STORM WATER DETAILS

NOT TO SCALE

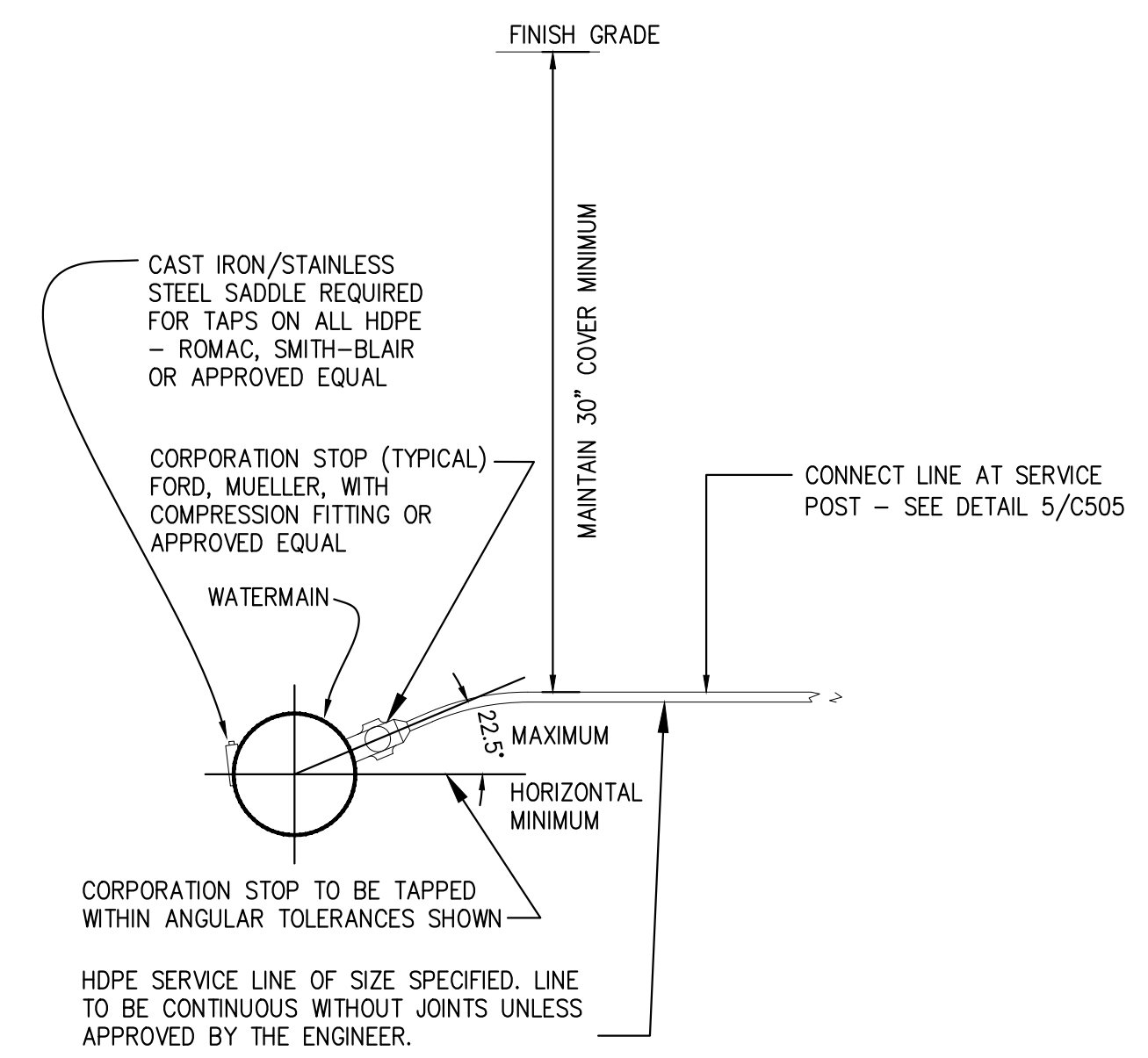
PROJECT ID: 171007.00

C501

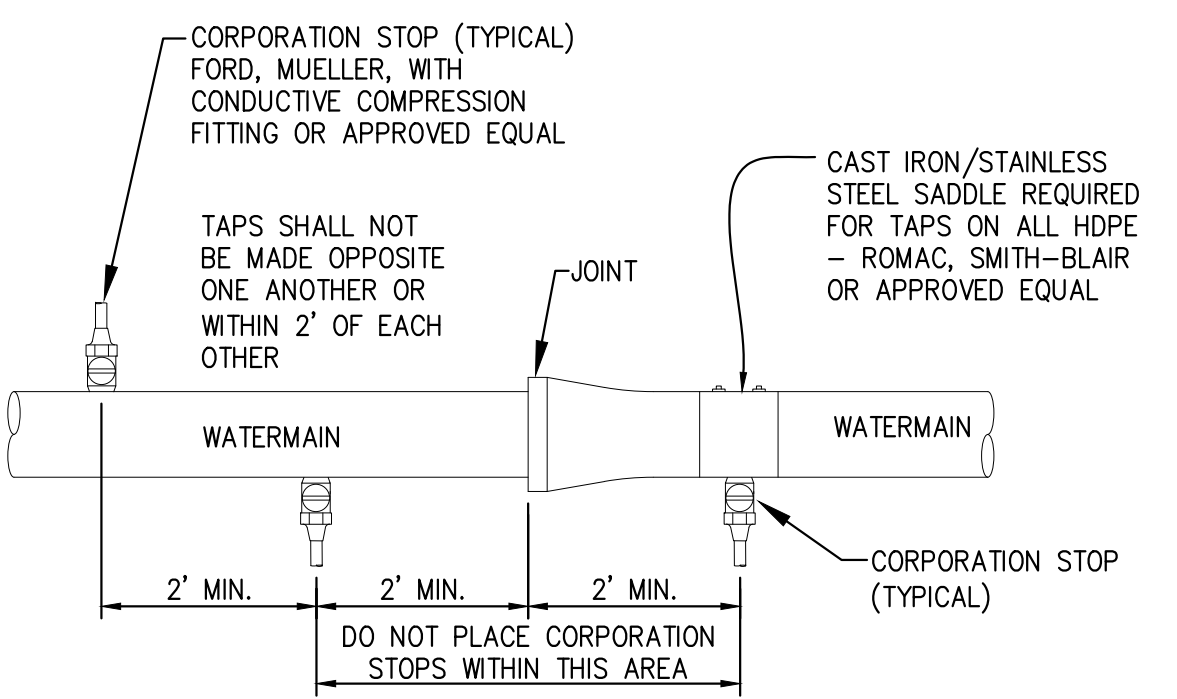
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 C.G. C501.dwg



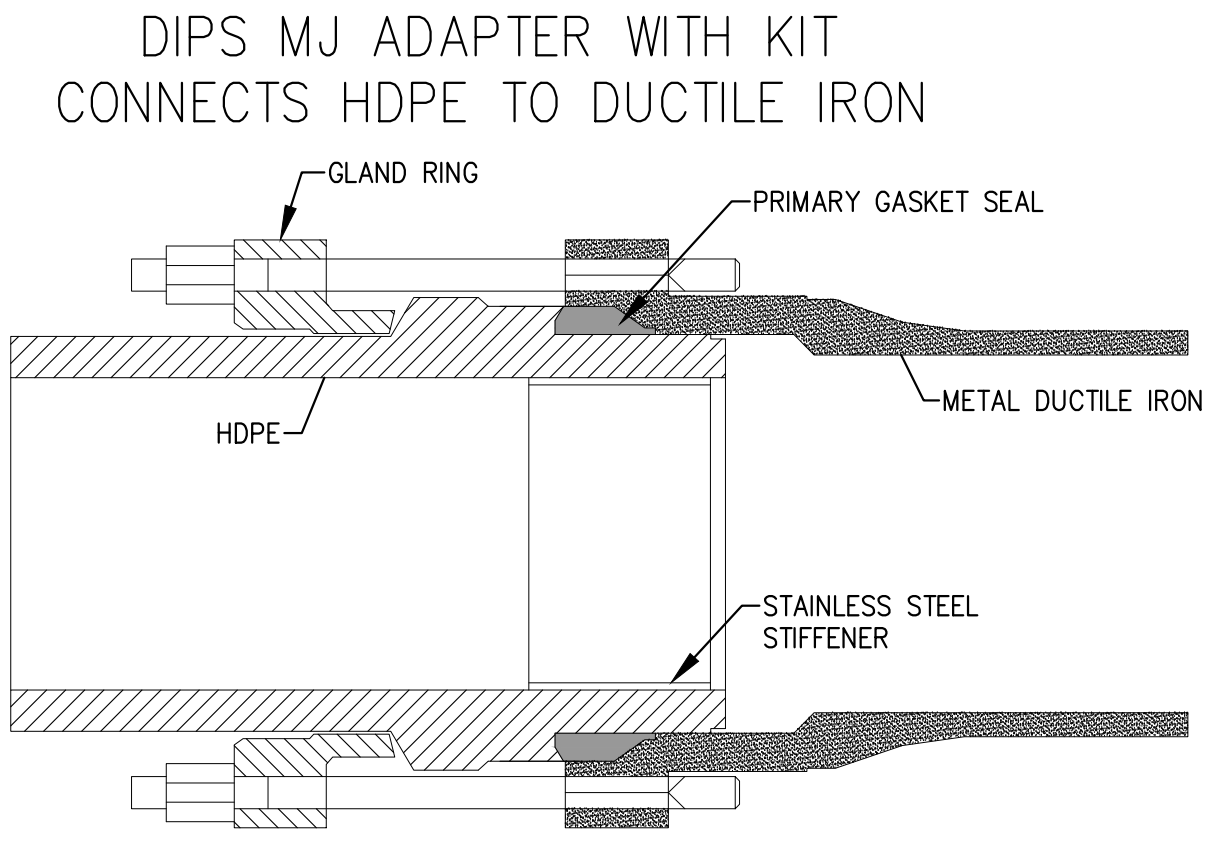
1 TYPICAL VALVE BOX INSTALLATION
NOT TO SCALE



4 CAMPSITE SERVICE LINE DETAIL
NOT TO SCALE

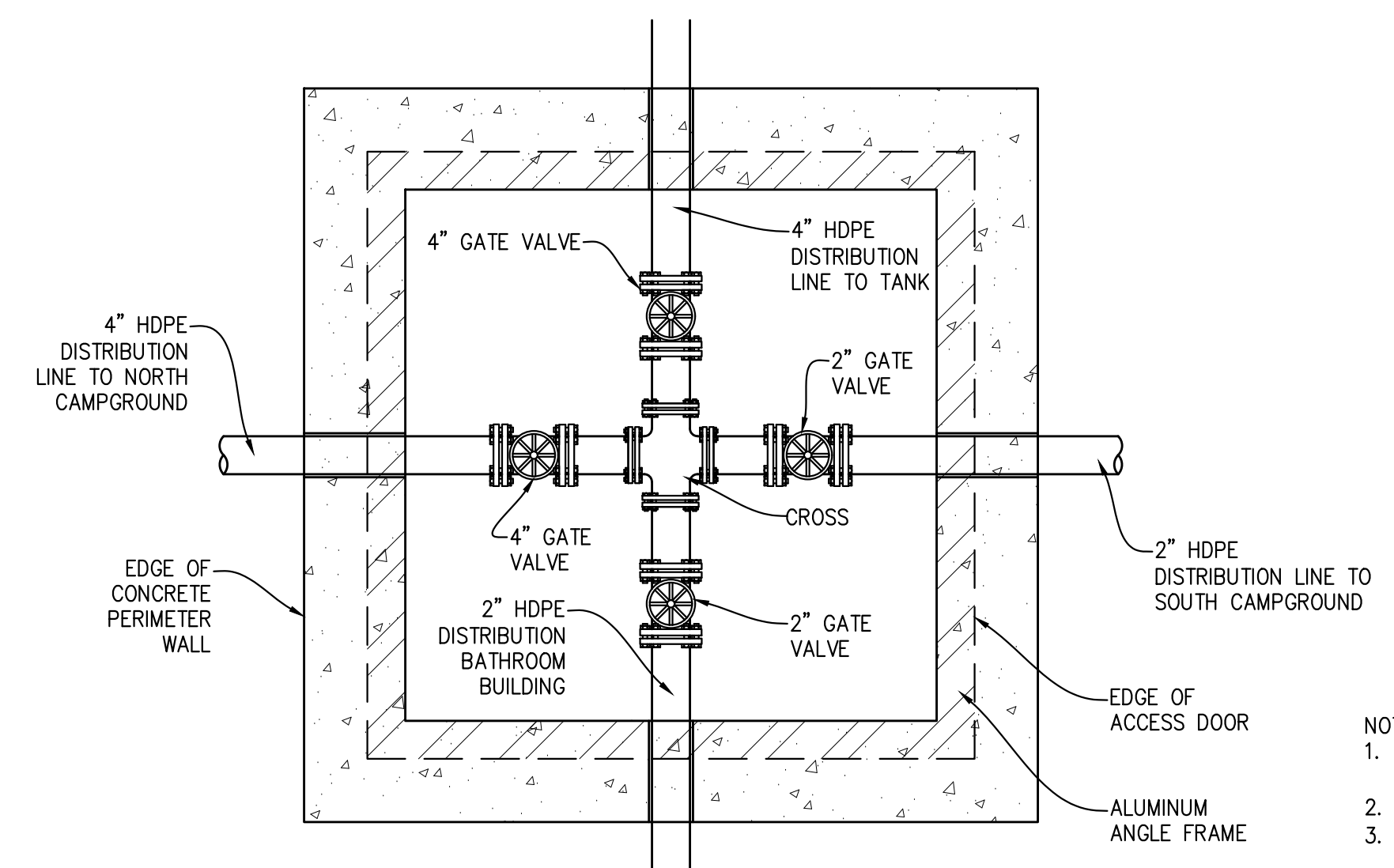


5 TAP SPACING ON WATER MAIN
NOT TO SCALE

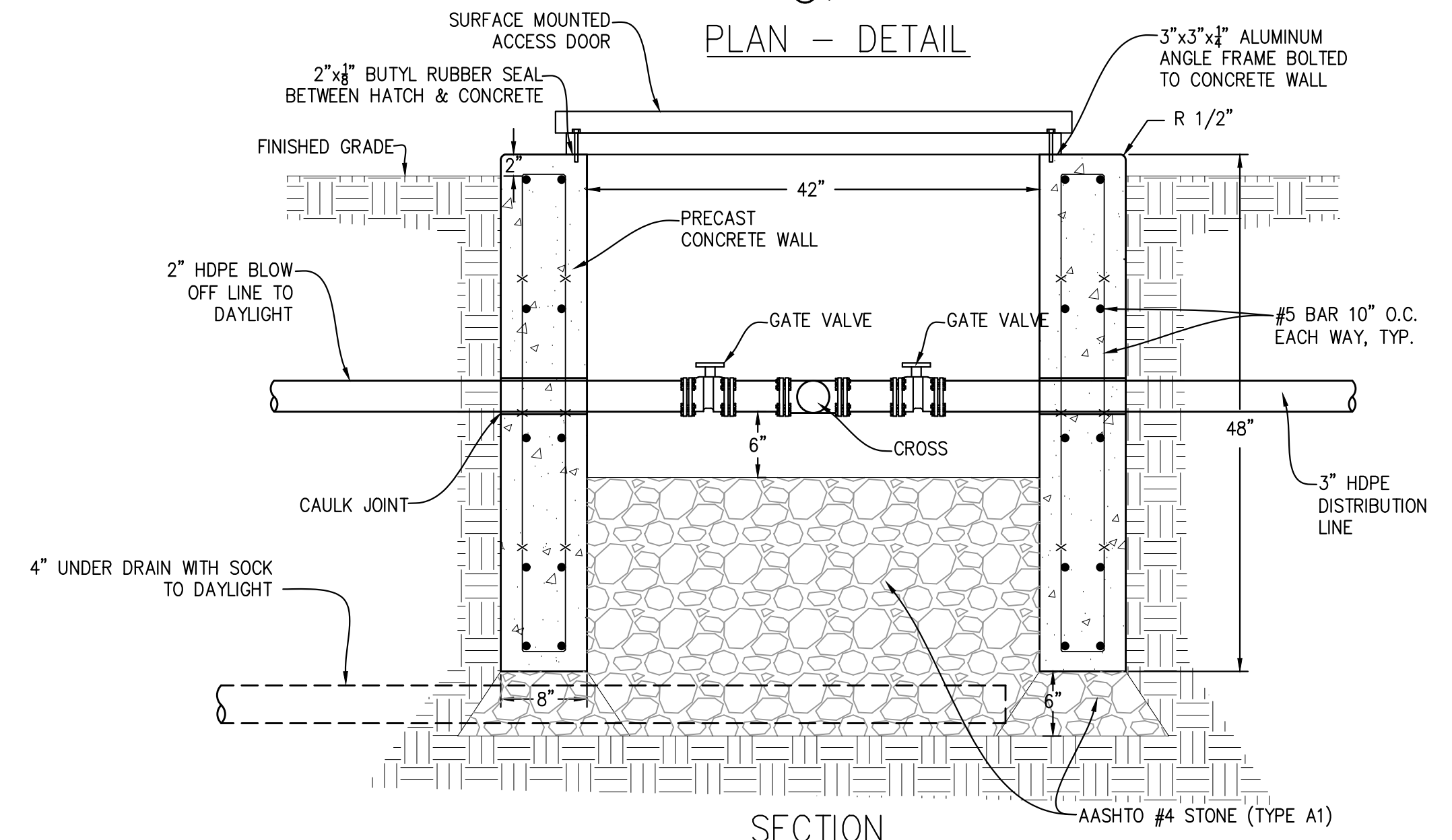


KIT SHALL INCLUDE HDPE ANCHOR FITTING, STANDARD RUBBER GASKET, EXTRA LENGTH T-BOLTS, INTERNAL STAINLESS STEEL STIFFENER, C-153 (2"-12") OR C-110 (14"-24") HEAVY BODY DUCTILE IRON GLAND RING.

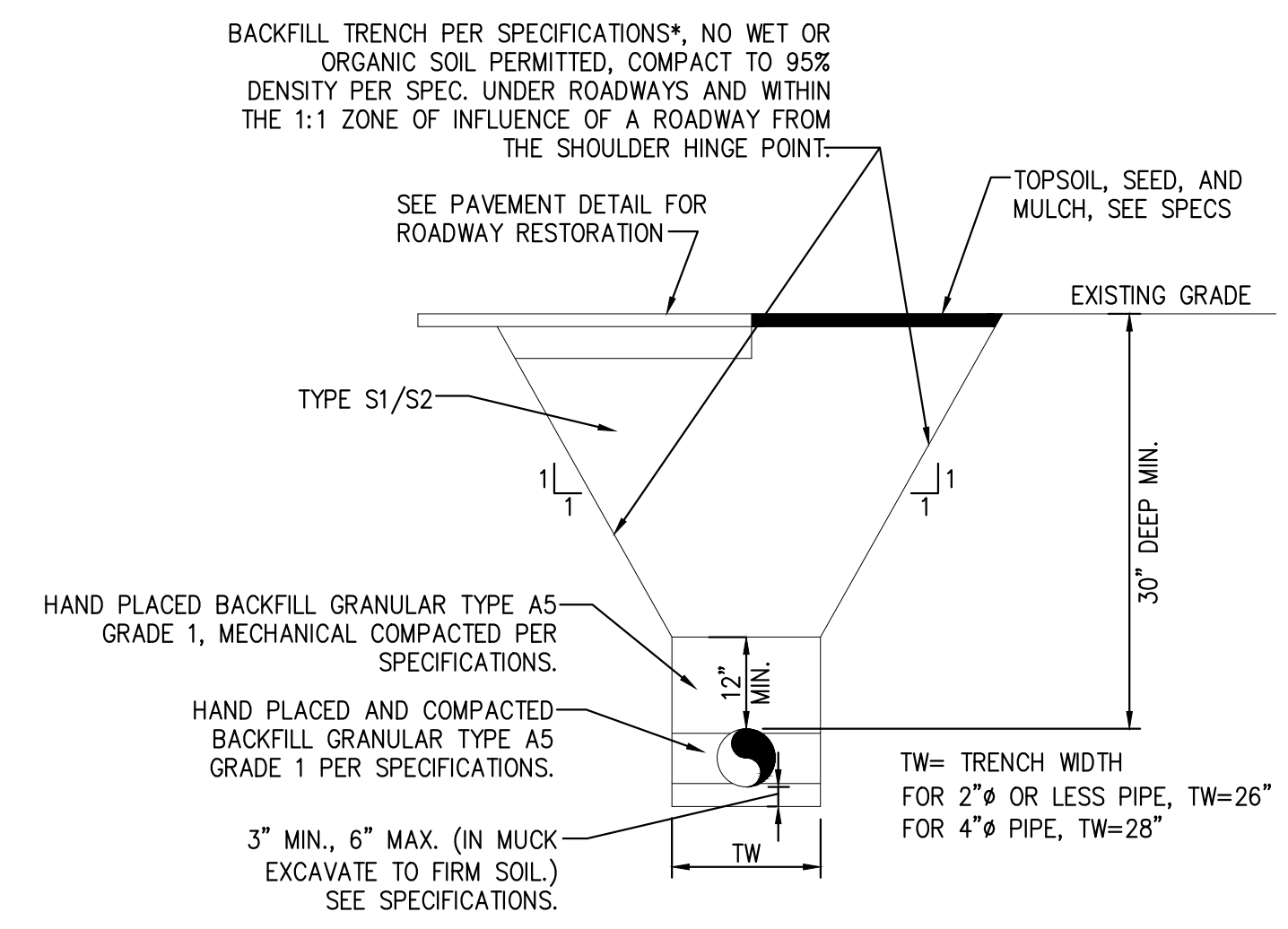
2 TRANSITION DETAIL
NOT TO SCALE



NOTE:
1. 3 AND 4 INCH GATE VALVES SHALL HAVE 2" NUT OPERATOR.
2. 2" VALVES SHALL HAVE HAND OPERATOR.
3. BURIED VALVES SHALL HAVE 2" OPERATOR.



6 PROPOSED VALVE GATE BOX #3



*THE BACKFILL MATERIALS AND METHODS SHALL CONFORM WITH THE SPECIFICATIONS

3 TYPICAL WATERMAIN TRENCH DETAIL
NOT TO SCALE

- GENERAL NOTES:**
1. MINIMUM SEWER AND WATERMAIN HORIZONTAL SEPARATION IS TEN FEET.
 2. WATERMANS SHALL NOT BE RELOCATED OR INSTALLED BELOW SEWER LINES WITHOUT PRIOR APPROVAL OF THE ENGINEER. IF IT IS NECESSARY AS DETERMINED BY THE ENGINEER TO RELOCATE A WATERMAIN BELOW A SEWER LINE, THE SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL-JOINT DUCTILE IRON PIPE, OR PVC WATERMAIN PRESSURE PIPE. (SDR 18)

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WISCONSIN
 IRON COUNTY
 BID DRAWINGS
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 SAXON HARBOR RECONSTRUCTION
 FEMA DISASTER #4276
 IRON COUNTY FORESTRY
 AND PARKS DEPARTMENT
 HURLEY, WISCONSIN

NO.	DATE	DESCRIPTION
1	02/15/19	BIDDING

RECORD DRAWING OF COMPLETED CONSTRUCTION
 RECORD DRAWINGS OF COMPLETED CONSTRUCTION
 CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS
 BY: DATE:

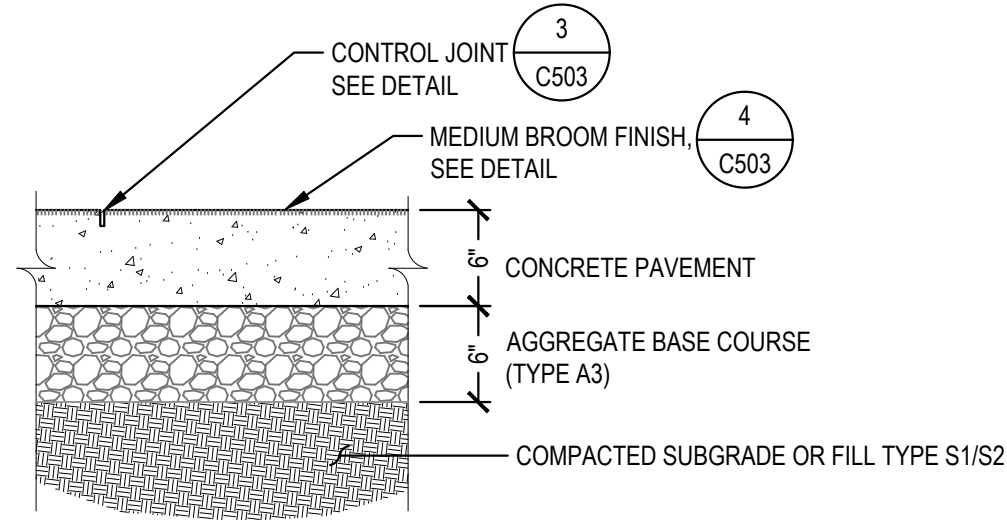
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BY	DATE
ASJ	02/15/19

PROPOSED CAMPGROUND WATER SYSTEM DETAILS

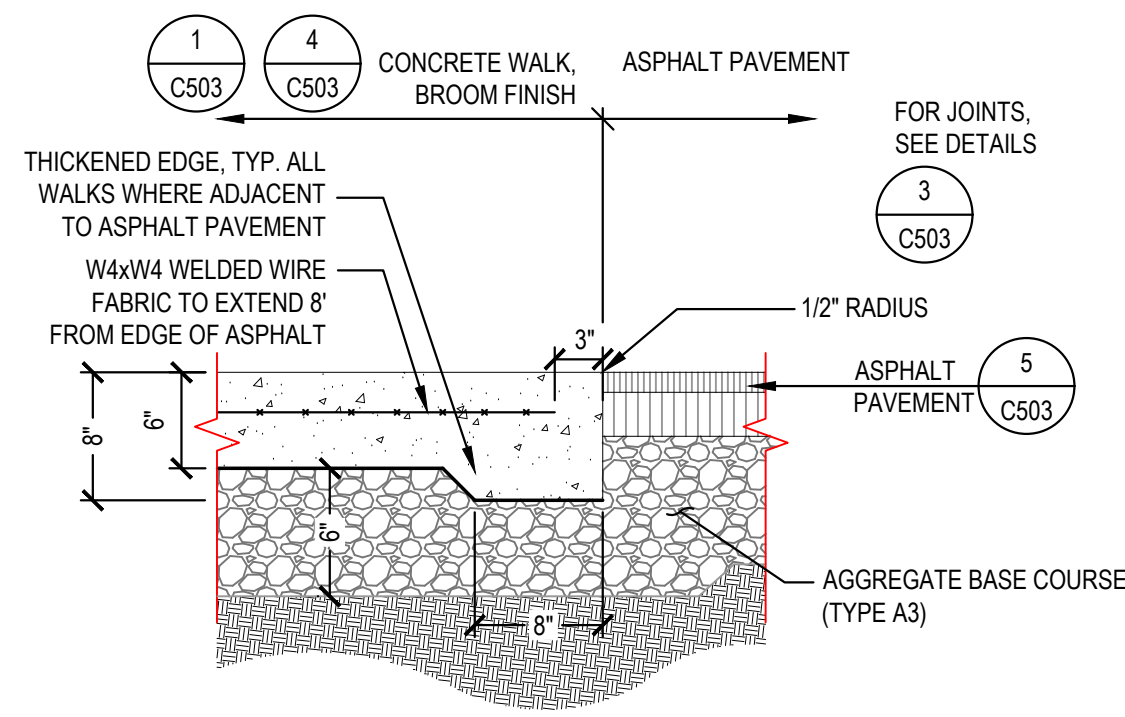
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 PROJECT ID: 171007.00

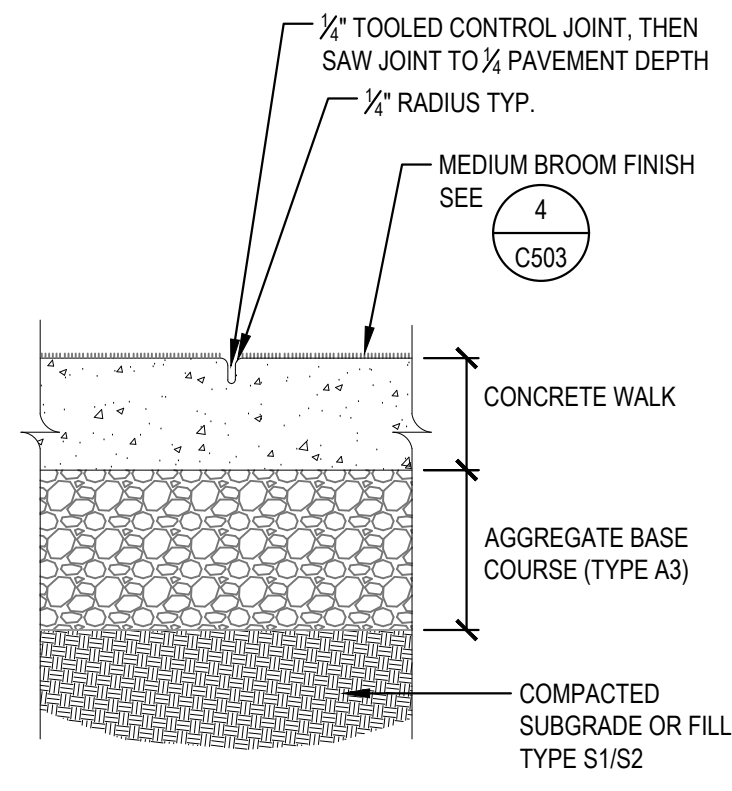
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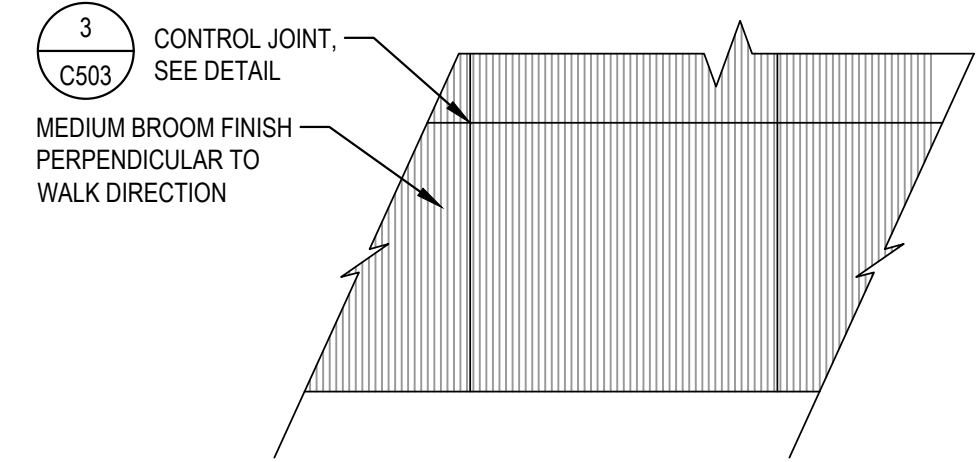
1 CONCRETE WALK
NOT TO SCALE



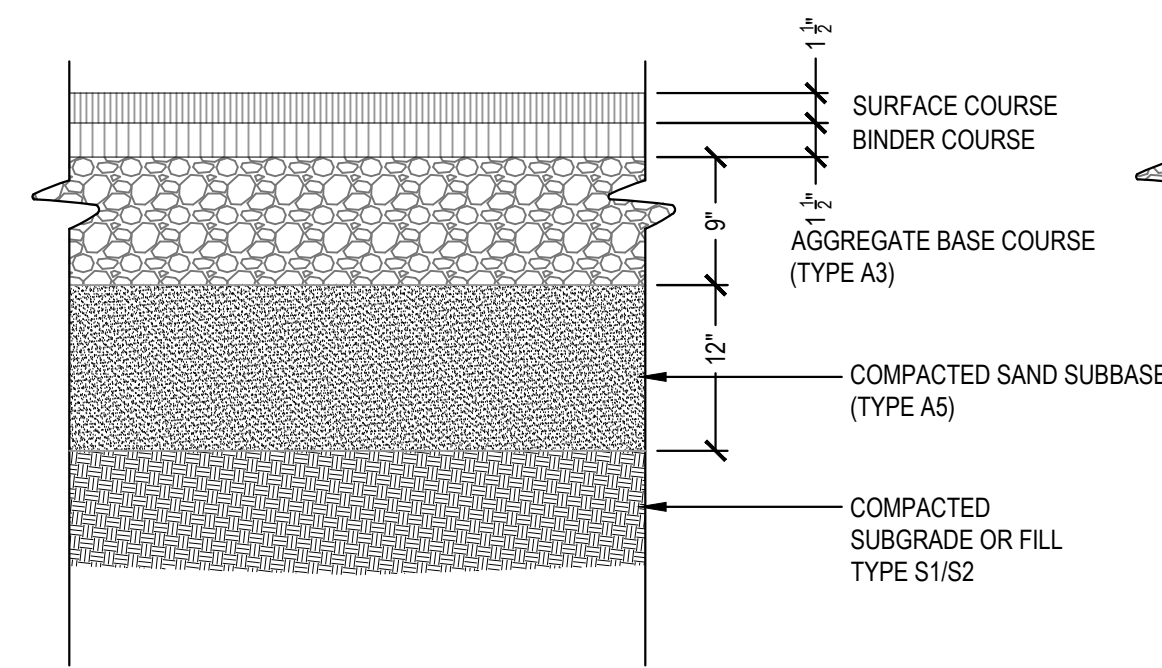
2 THICKENED EDGE CONCRETE WALK AGAINST ASPHALT
NOT TO SCALE



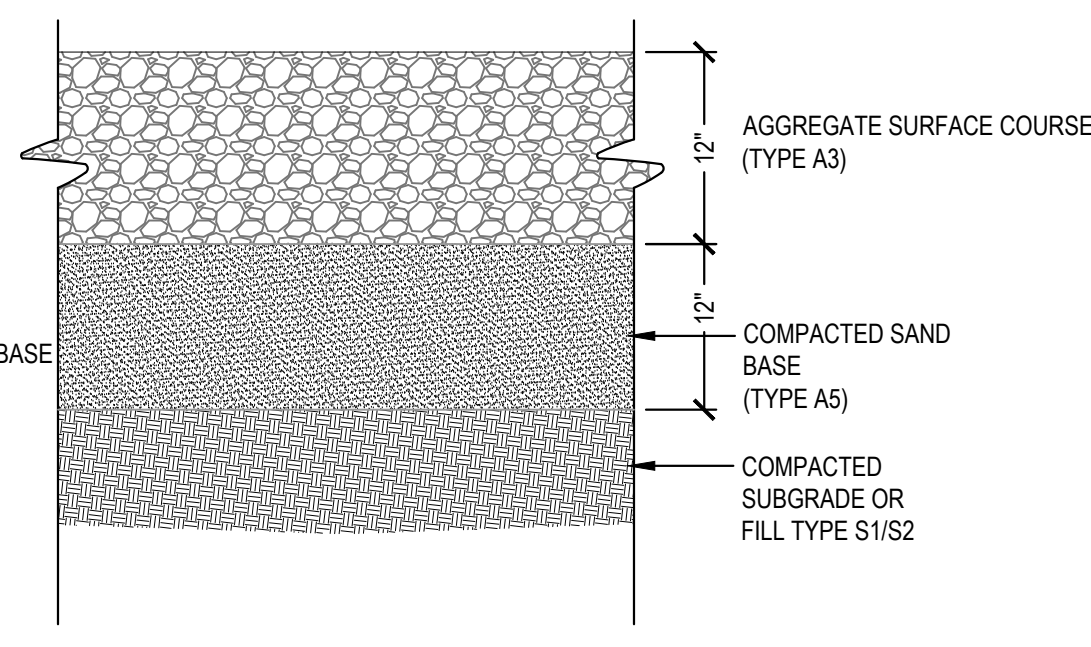
3 CONTROL JOINT
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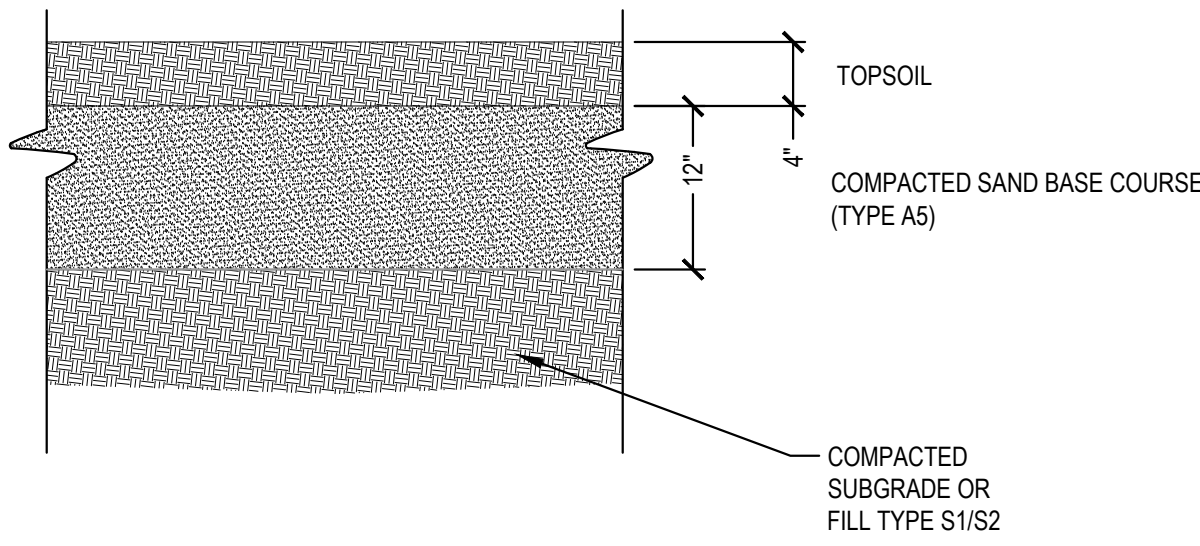
4 MEDIUM BROOM FINISH
NOT TO SCALE



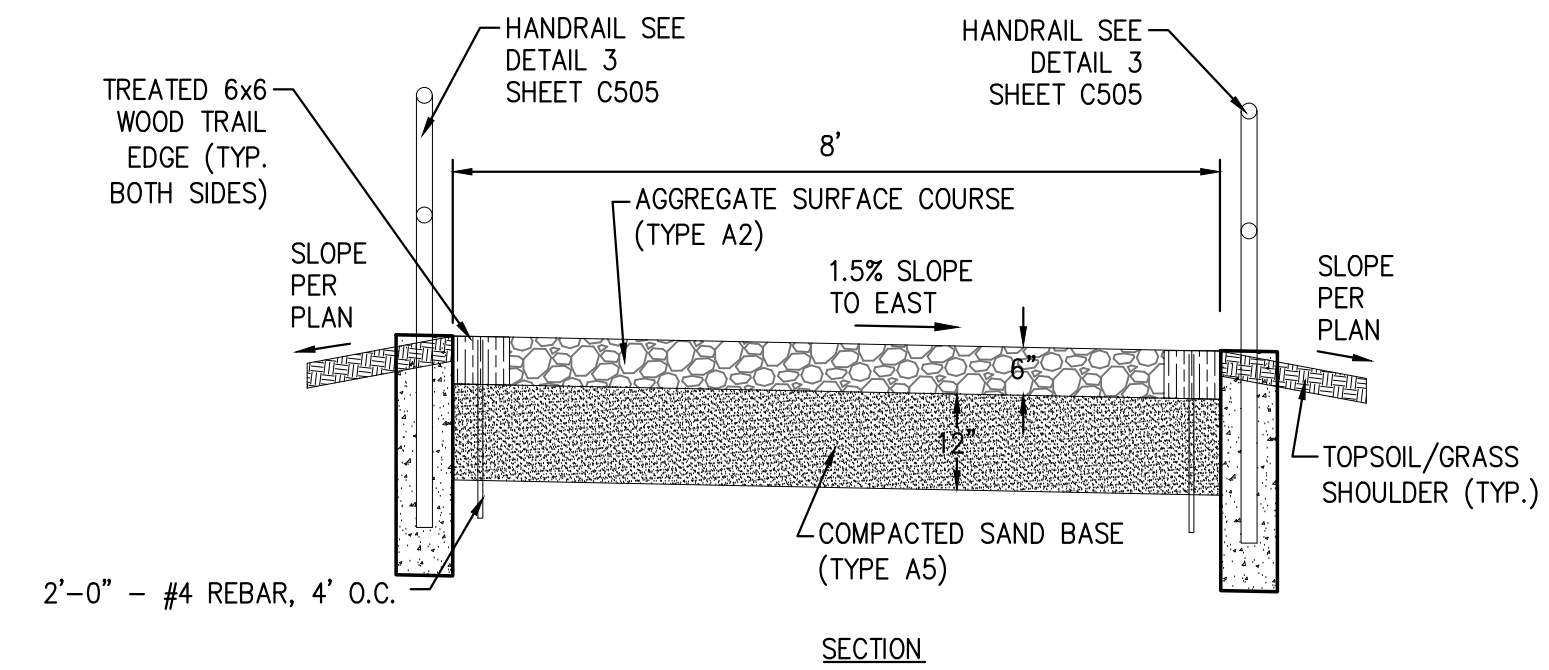
5 ASPHALT PAVEMENT
NOT TO SCALE



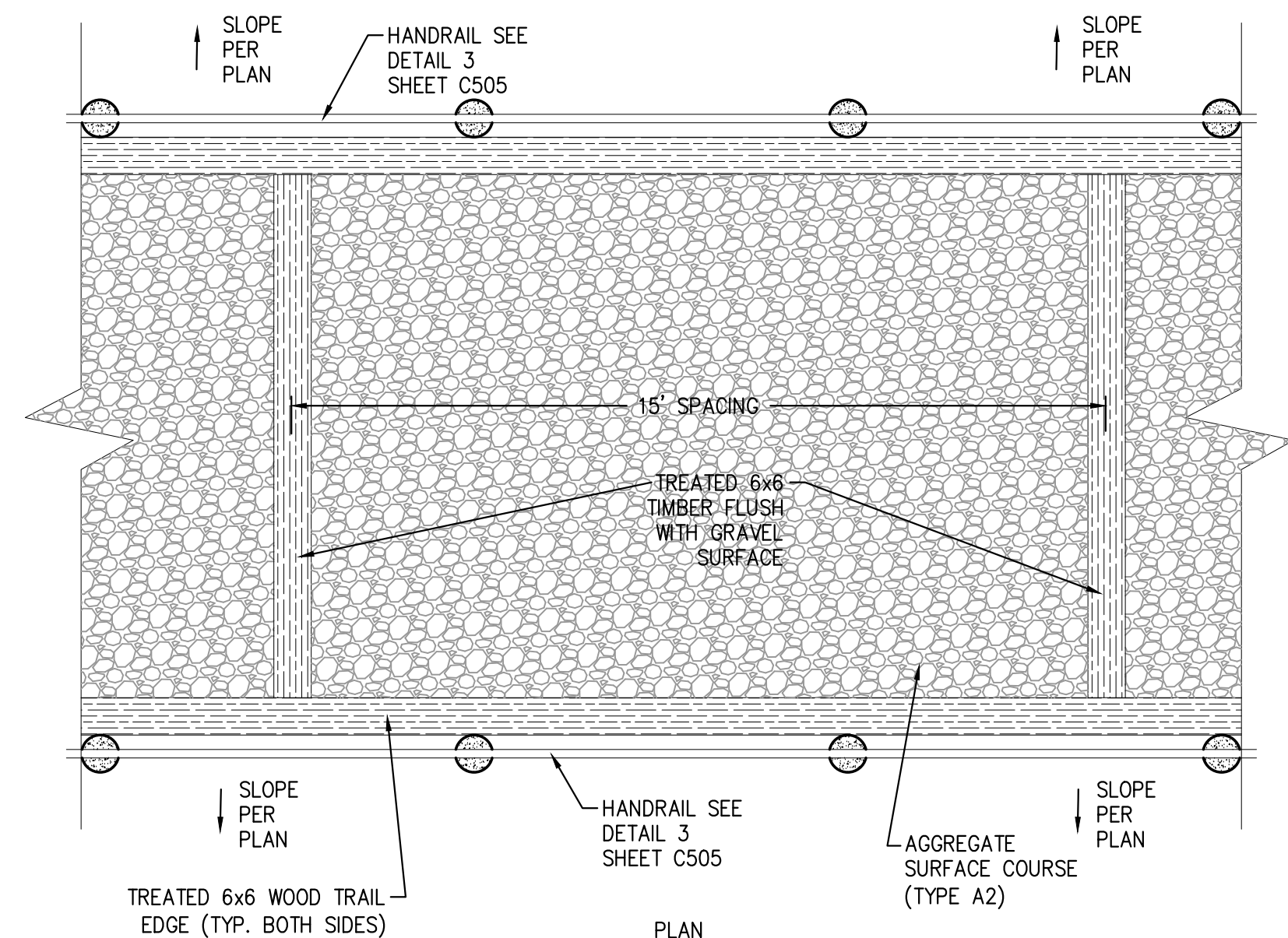
6 GRAVEL PAVEMENT
NOT TO SCALE



7 CAMPSITE TURF AREAS
NOT TO SCALE

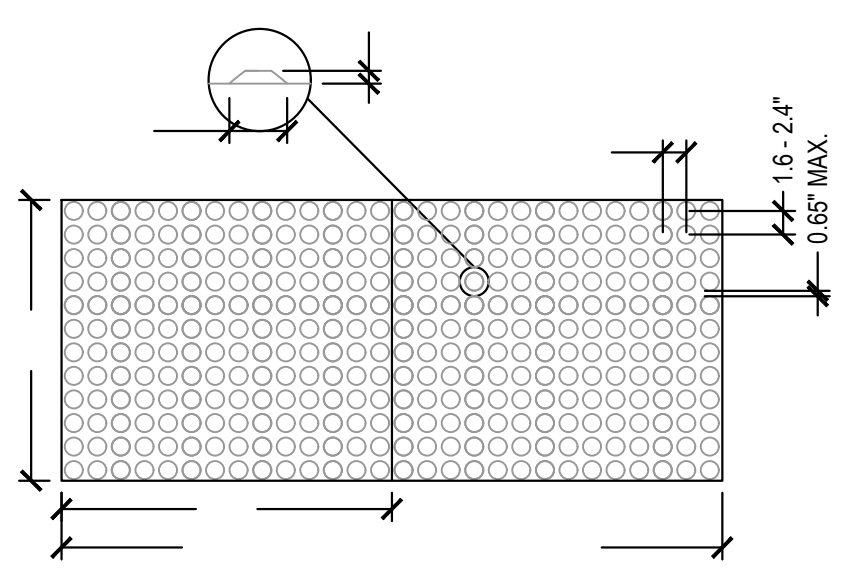


NOTE: FOR BOTH PROPOSED AND TEMPORARY ROAD TYPICAL - MINIMUM 3' RESTORATION ON EACH SIDE PLUS AND ANY DISTURBED AREA OUTSIDE OF THIS SHOULDER RESTORATION AREA.

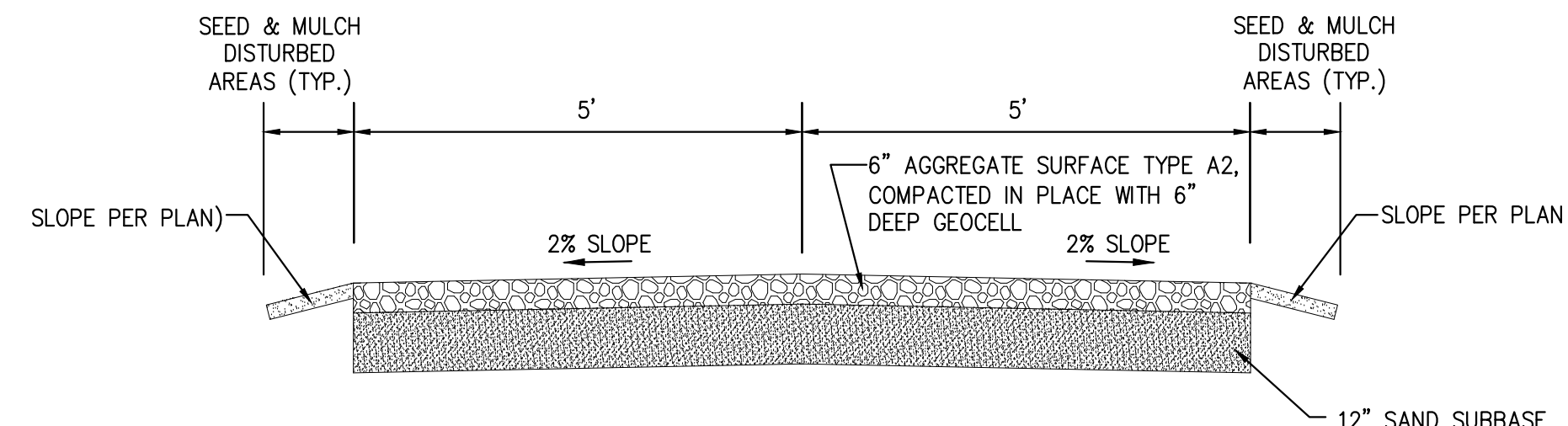


8 BATHROOM ACCESS PATH
NOT TO SCALE

DETECTABLE WARNING SHALL BE NEENAH FOUNDRY R-4884 CAST IRON PLATE, NATURAL FINISH. CURVED PLATES SHALL BE USED ON PAVEMENT RADIUS NEAR MARINA RESTROOM. CURVED PLATES SHALL BE NEENAH FOUNDRY R-4884-28R. TRUNCATED DOMES IN A DETECTABLE WARNING SURFACE SHALL HAVE A BASE DIAMETER OF 3" MINIMUM TO 1.4" MAXIMUM, A TOP DIAMETER OF 50% OF THE BASE DIAMETER MINIMUM TO 65% OF THE BASE DIAMETER MAXIMUM AND A BASE-TO-BASE SPACING OF 0.65" MINIMUM, MEASURED BETWEEN THE MOST NEAREST THE CURB LINE IS 8" MINIMUM AND 8" MAXIMUM FROM THE CURB LINE. IN LOCATIONS WHERE THE RAMP IS SKEWED TO THE CURB, THE DETECTABLE WARNING SURFACE IS TO RUN PERPENDICULAR TO THE DIRECTION OF TRAVEL.

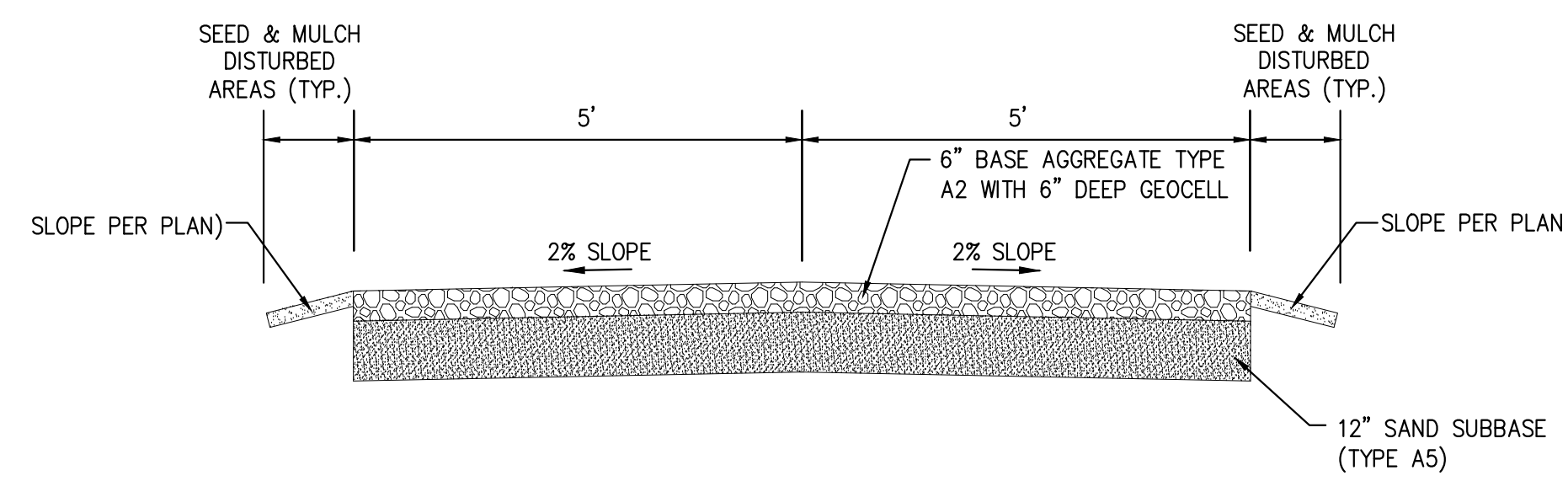


10 TACTILE WARNING PAVER
NOT TO SCALE

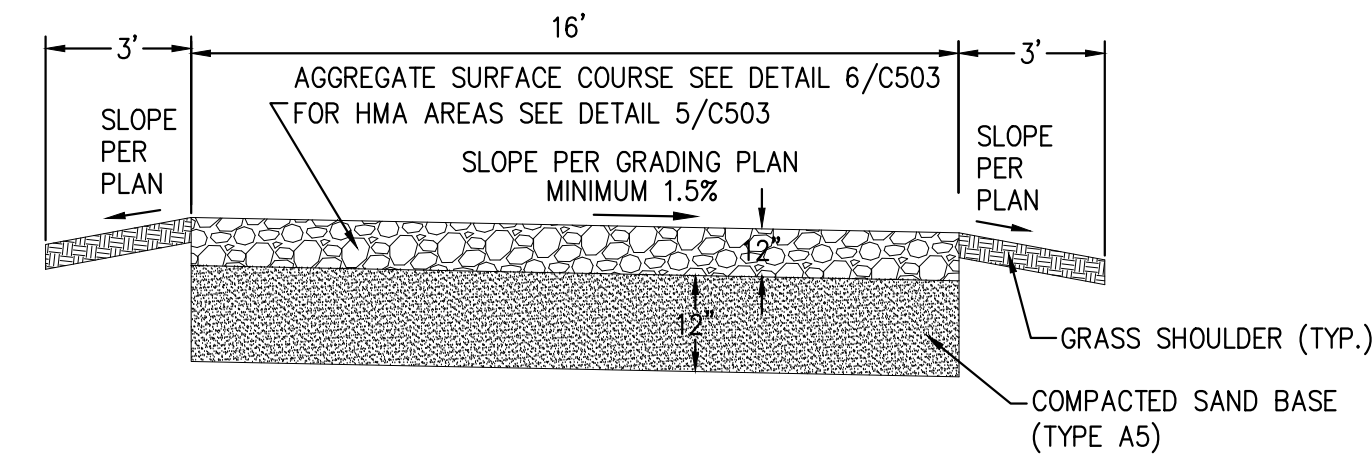


9 PROPOSED WATER TANK BUILDING GRAVEL ACCESS ROAD TYPICAL SECTION
NOT TO SCALE

NOTE: FOR BOTH PROPOSED AND TEMPORARY ROAD TYPICAL - MINIMUM 3' RESTORATION ON EACH SIDE PLUS AND ANY DISTURBED AREA OUTSIDE OF THIS SHOULDER RESTORATION AREA.



11 PARKER CREEK TRAIL TYPICAL SECTION
NOT TO SCALE



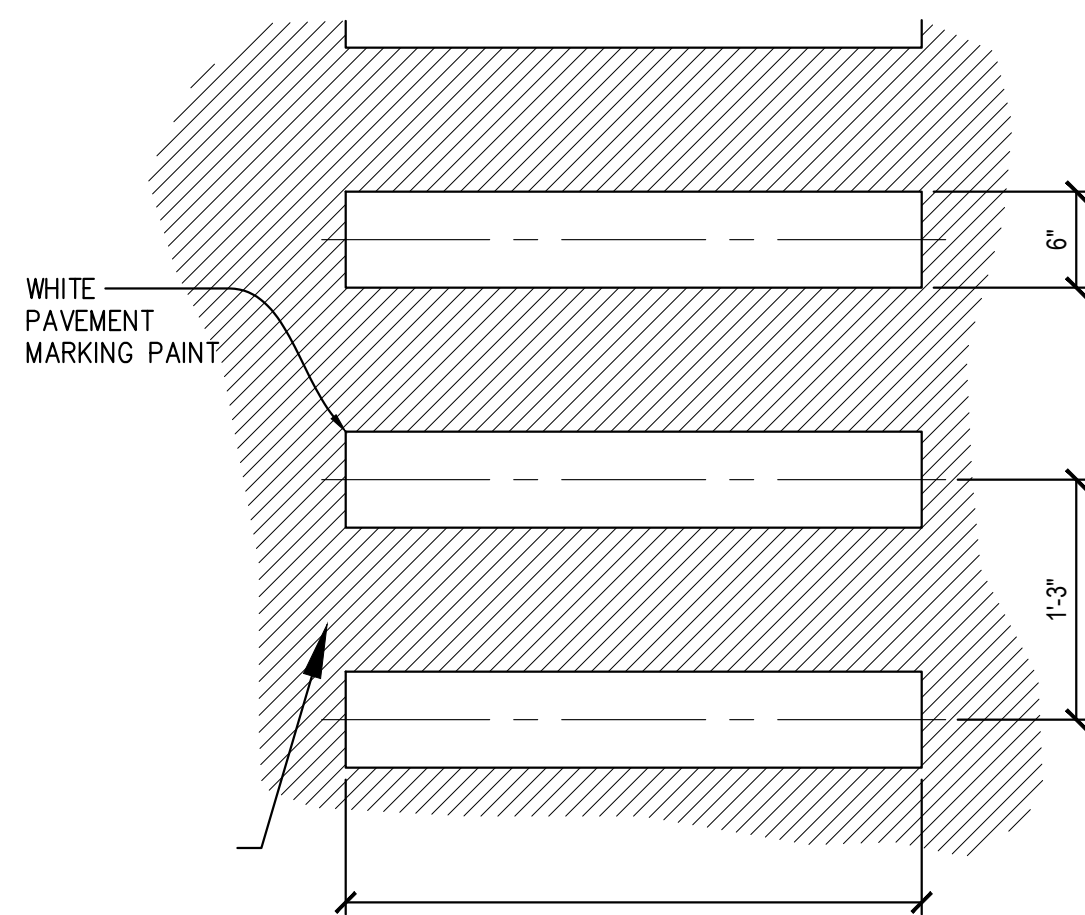
12 PROPOSED CAMPGROUND ROAD TYPICAL SECTION
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	10/1/2019	FOR CONSTRUCTION

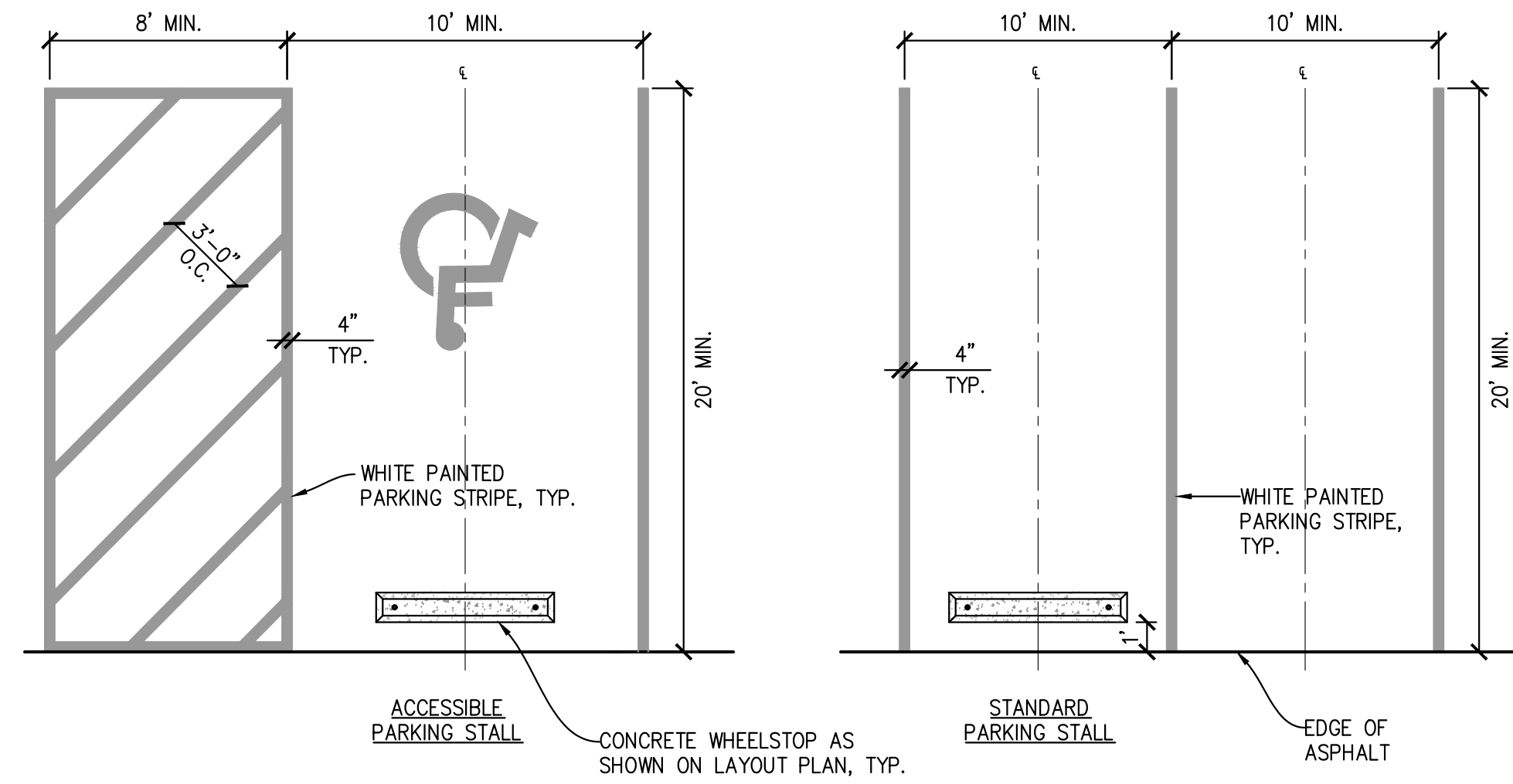
RECORD DRAWING OF COMPLETED CONSTRUCTION BY:
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DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	
DESIGNED	
CHECKED	

PROPOSED CAMPGROUND AREA DETAILS
NOT TO SCALE
PROJECT ID: 171007.00
C503



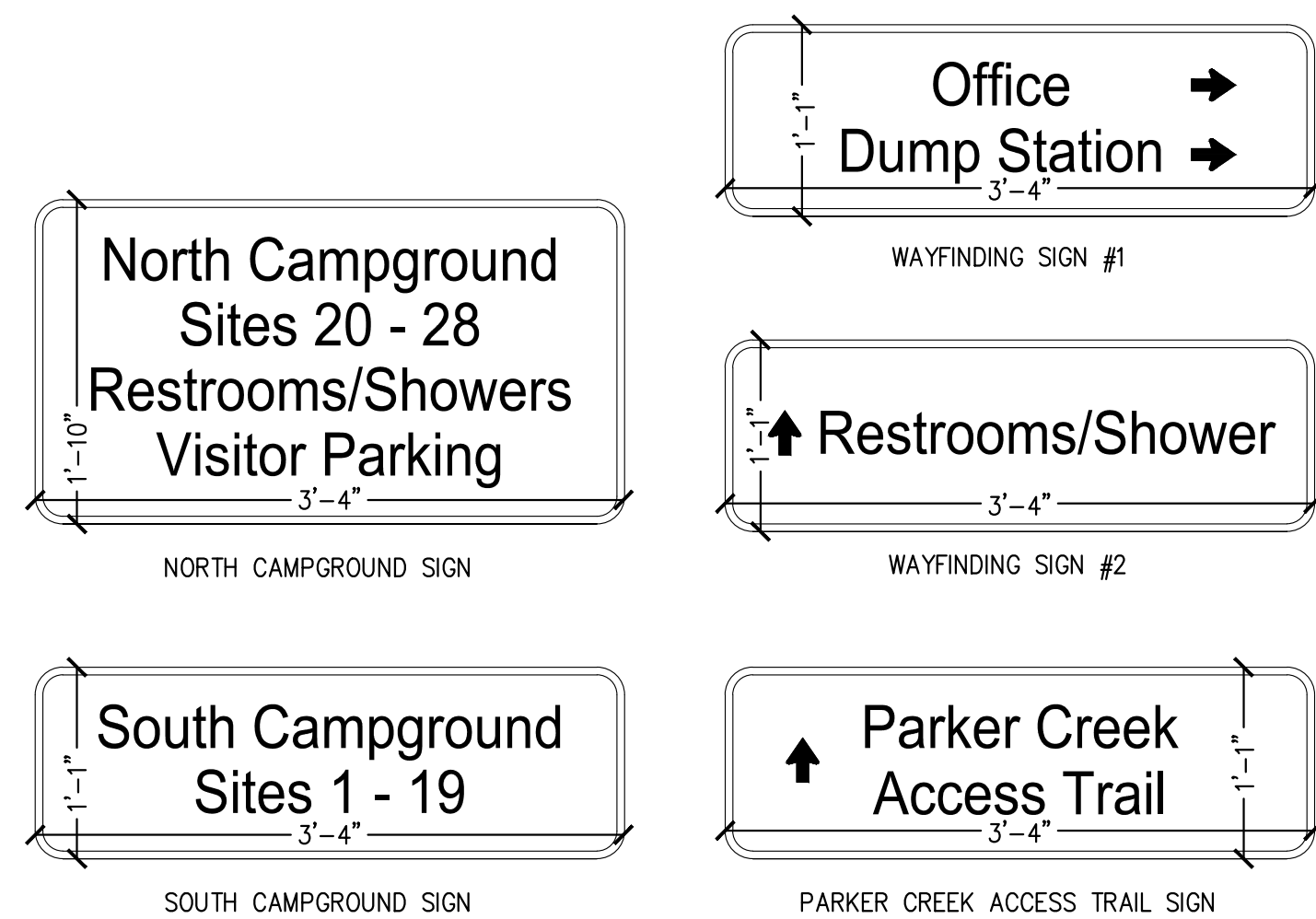
1 PEDESTRIAN CROSSWALK STRIPING
NOT TO SCALE



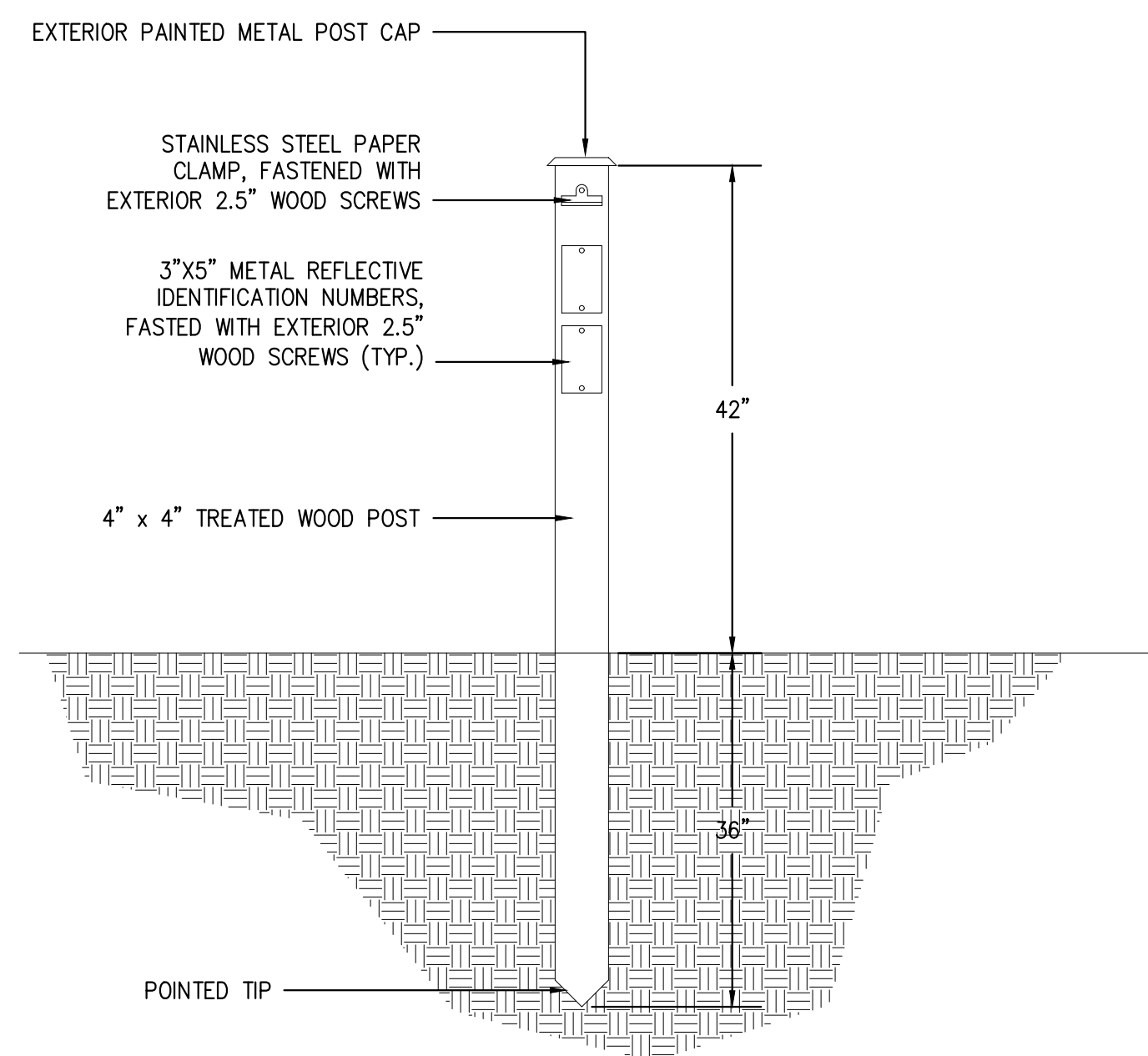
2 TYPICAL PARKING STRIPING DETAILS
NOT TO SCALE

WAYFINDING SIGN NOTES:

- SIGNS SHALL BE MOUNTED AT 6'-0" TO BOTTOM OF SIGN FROM ROAD ELEVATION.
- TWO POSTS SHALL BE PROVIDED PER SIGN. POSTS SHALL BE DRIVEN TO 3'-6" MIN. BELOW FINISH GRADE.
- POSTS SHALL MEET WISDOT STANDARD SPECIFICATIONS.
- SIGNS SHALL BE STANDARD BROWN COLOR WITH WHITE TEXT, ARROWS, AND BORDER. TEXT SHALL BE 3" HIGH. TEXT AND ARROWS SHALL MEET MUTCD STANDARDS.



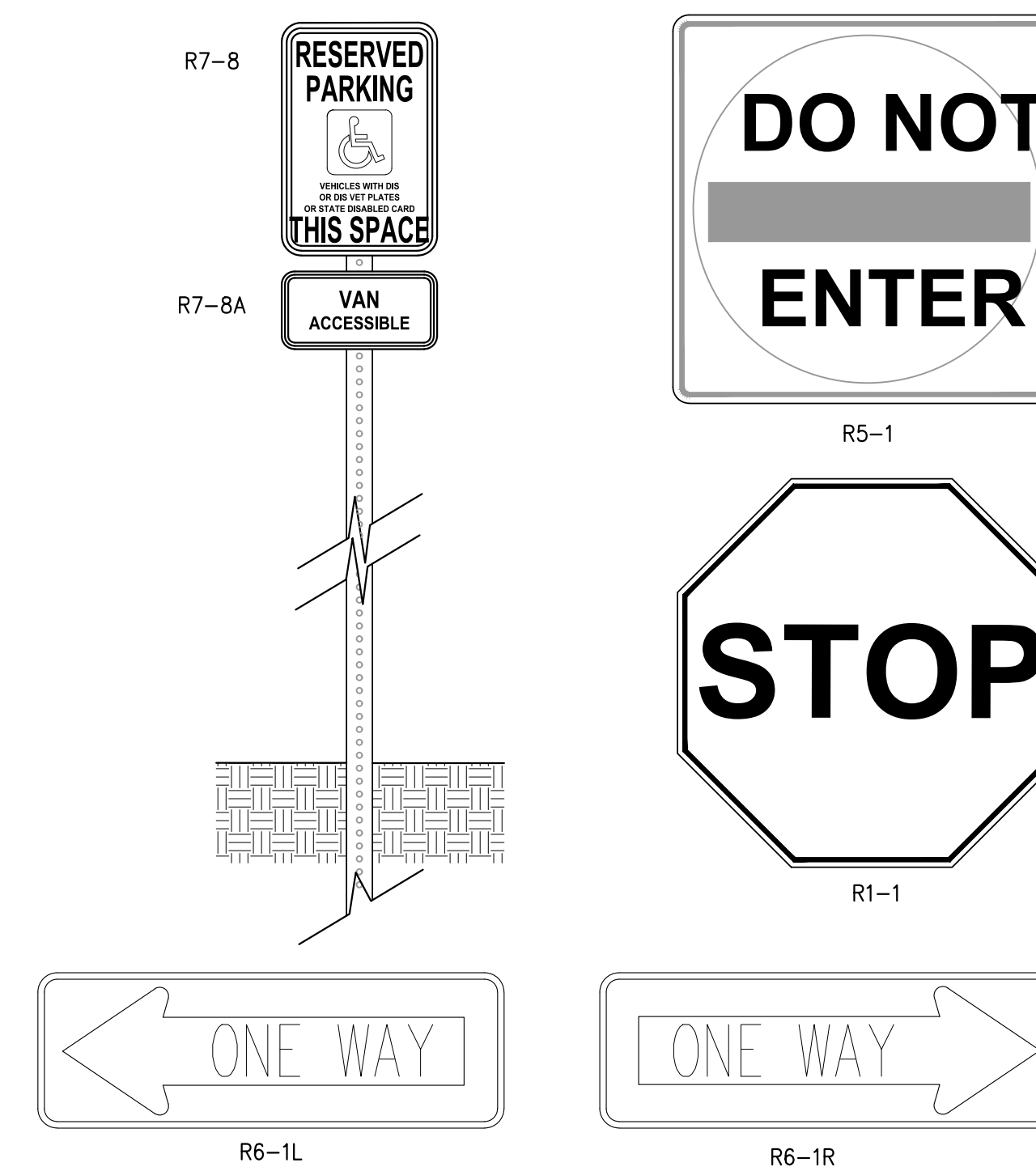
3 INFORMATIONAL SIGNAGE
NOT TO SCALE



4 CAMPSITE MARKER POST
NOT TO SCALE

NOTES:

- STOP SIGNS SHALL BE MOUNTED AT 7'-0" TO BOTTOM OF SIGN.
- RESERVED PARKING SIGNS SHALL BE MOUNTED AT 5'-0" TO BOTTOM OF MAIN SIGN. VAN ACCESSIBLE SIGN SHALL BE MOUNTED IMMEDIATELY BELOW MAIN SIGN.
- POSTS SHALL BE DRIVEN TO 3'-6" MIN. BELOW FINISH GRADE.
- POSTS SHALL MEET WISDOT STANDARD SPECIFICATIONS



5 SIGHT TRAFFIC SIGNAGE
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	10/27/2019	FOR CONSTRUCTION

RECORD DRAWING OF COMPLETED CONSTRUCTION BY: _____
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORD. BY: _____ DATE: _____

DATE OF PREPARATION	
BY	DATE

PROPOSED CAMPGROUND TRAFFIC & SIGNAGE DETAILS

NOT TO SCALE

PROJECT ID: 171007.00

C504

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SHEET NOTES

- FIRE RINGS: SHALL BE MANUFACTURED BY GERBER TABLES, RJ THOMAS MFG. CO. OR APPROVED EQUAL.
 - A. SHALL BE 30" DIAMETER RINGS.
 - B. ADA RINGS SHALL BE 18" HIGH MINIMUM.
 - C. STANDARD RINGS SHALL BE 12" HIGH.
 - D. STANDARD RINGS SHALL COME WITH PIN ANCHOR.
- PICNIC TABLES: SHALL BE MANUFACTURED BY GERBER TABLES OR APPROVED EQUAL.
 - A. ADA TABLE SHALL BE A 238-8H SERIES TABLE.
 - B. STANDARD TABLE SHALL BE A 238-6 SERIES TABLE.
 - C. STEEL FRAMES SHALL BE GALVANIZED.
 - D. TOPS SHALL BE PRESSURE TREATED LUMBER.

FINAL LOCATION OF ALL FIRE RINGS WILL BE COORDINATED WITH AND APPROVED BY OWNER PRIOR TO INSTALLATION.

REUSE OF DOCUMENTS
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SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
AND PARKS DEPARTMENT
HURLEY, WISCONSIN
IRON COUNTY

NO.	BY	DATE	DESCRIPTION
1	UPEA		BIDDING

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DATE OF PREPARATION	
BY	DATE

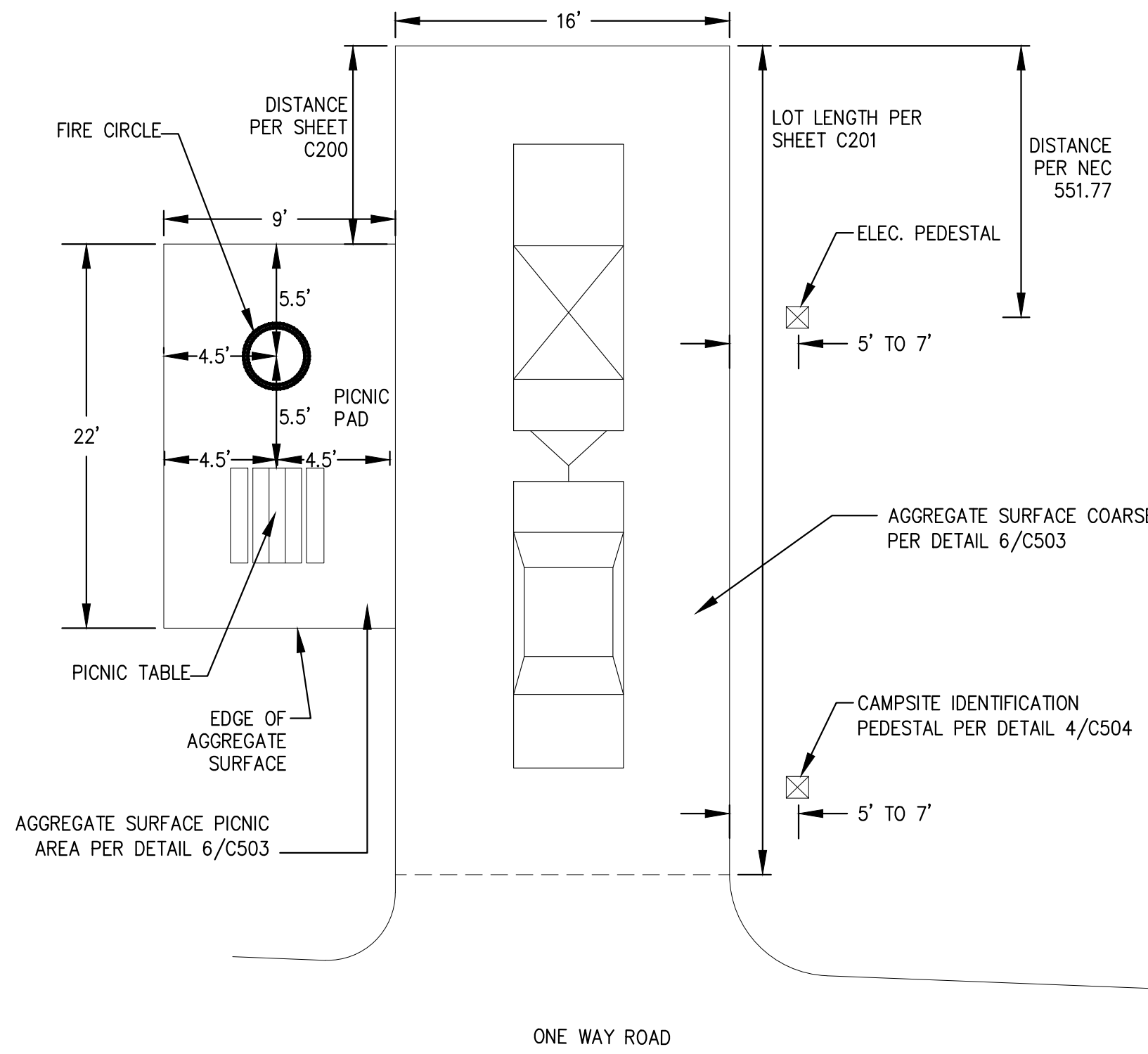
SURVEYED	
DRAWN	
DESIGNED	
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PROPOSED GAMPGROUND CAMPSITE TYPICALS

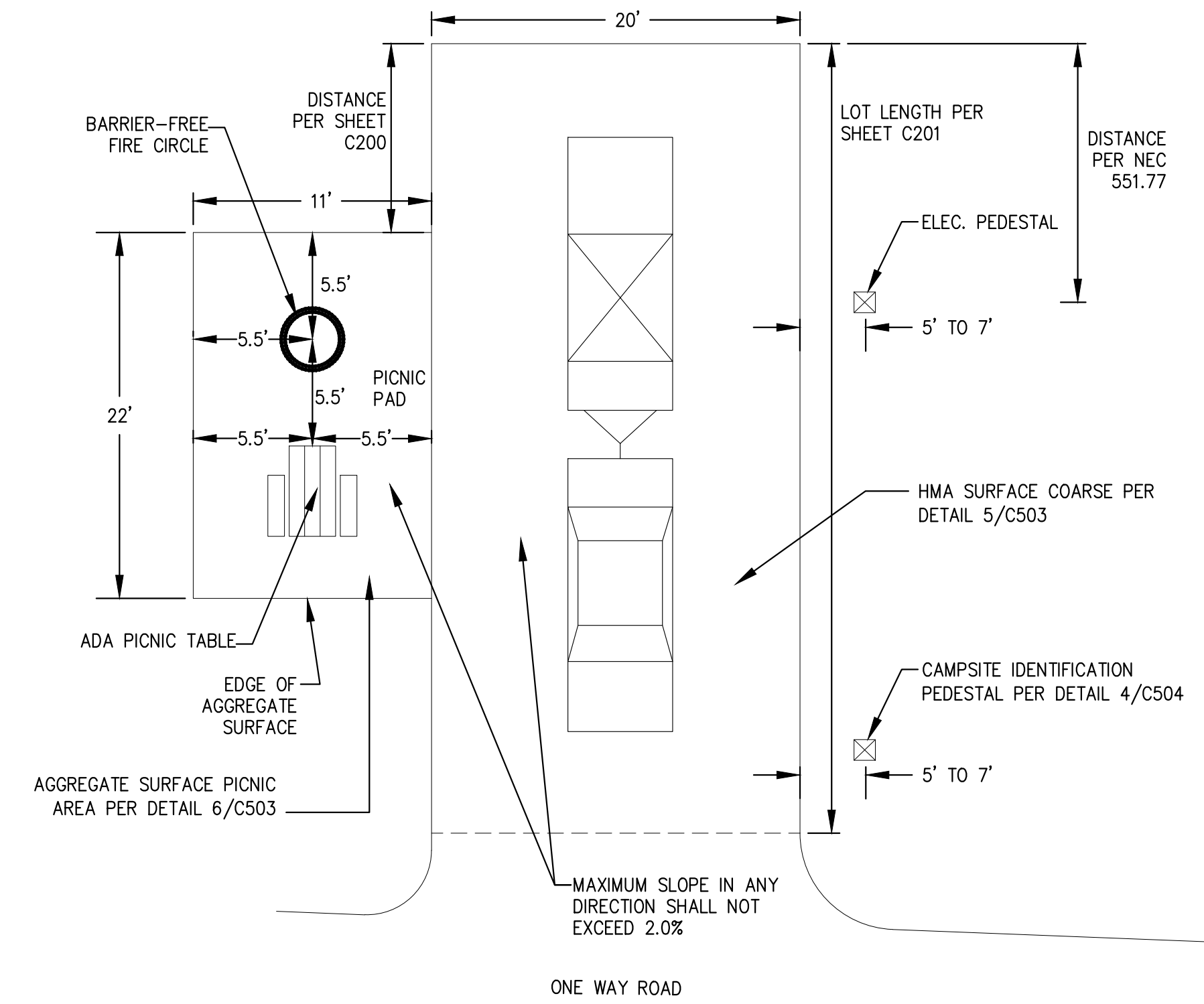
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PROJECT ID: 171007.00

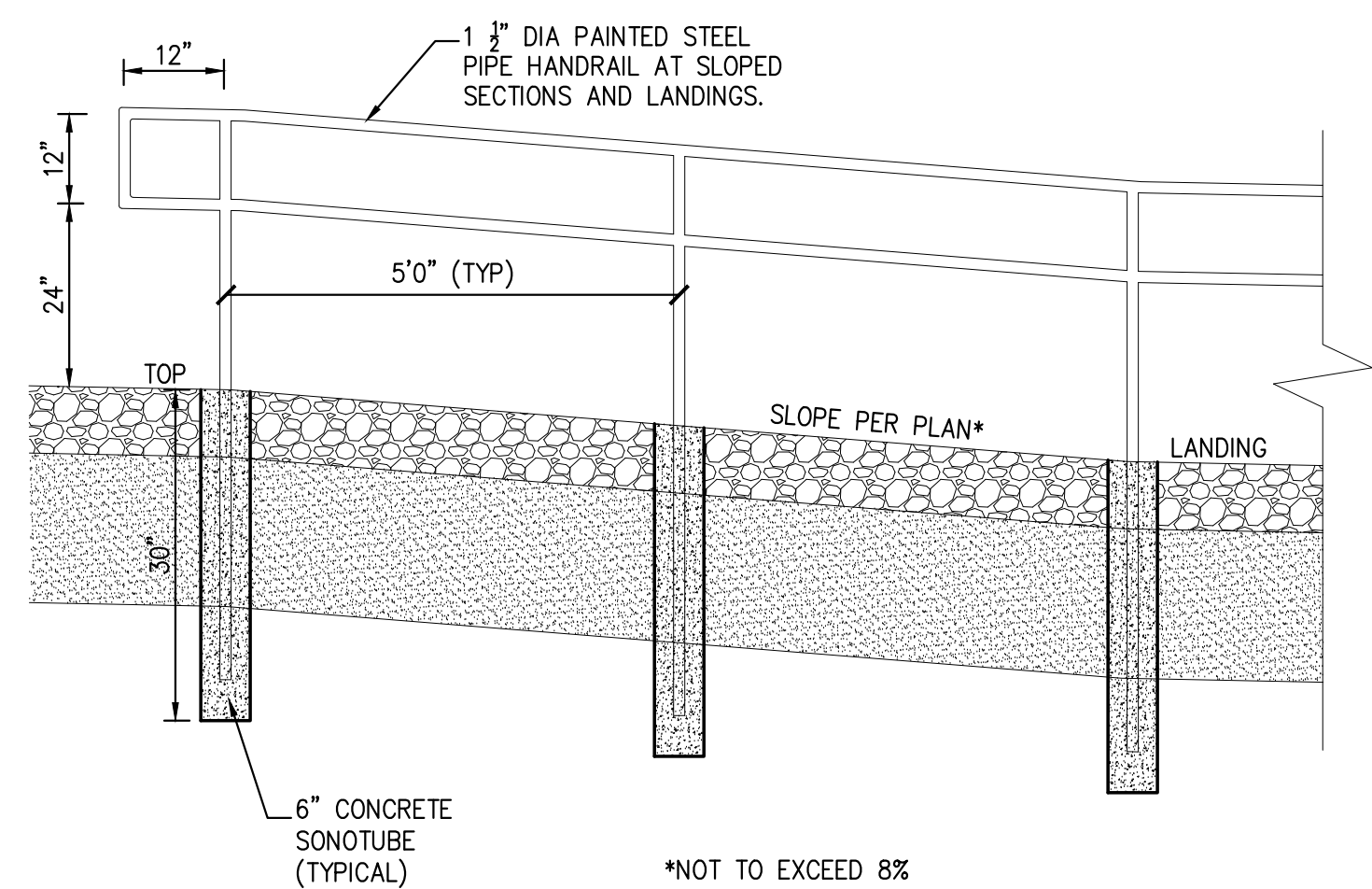
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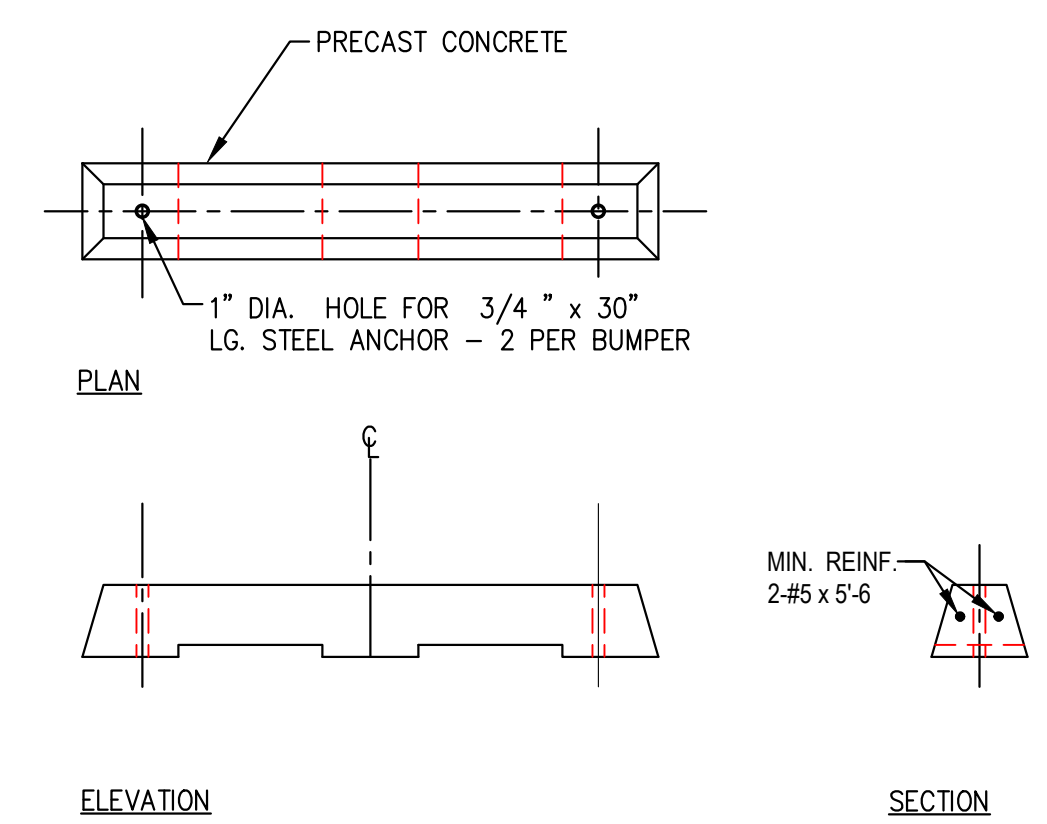
1 TYPICAL CAMPSITE PLAN
NOT TO SCALE



2 TYPICAL ADA CAMPSITE PLAN
NOT TO SCALE

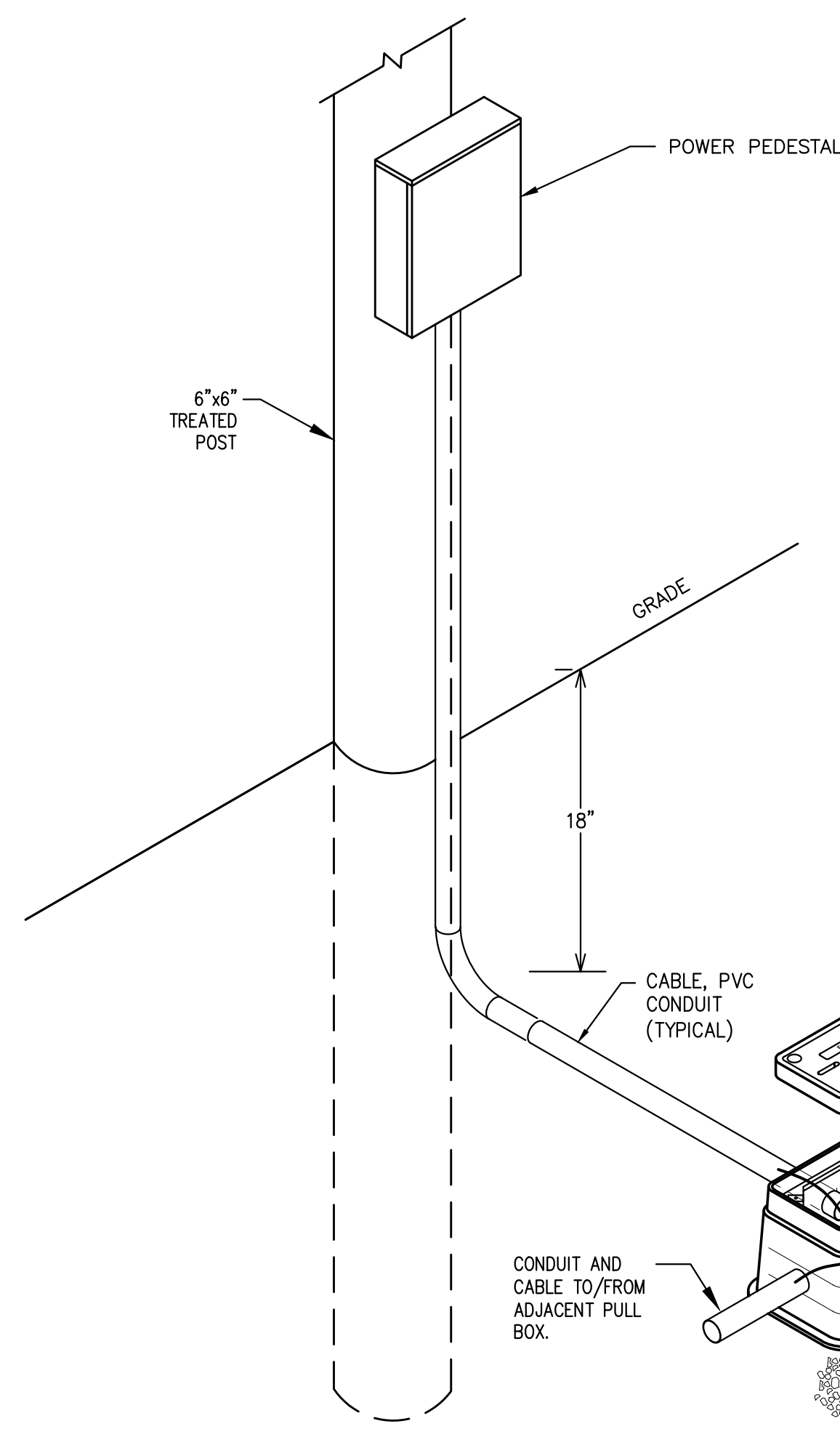


3 PIPE HANDRAILING
NOT TO SCALE

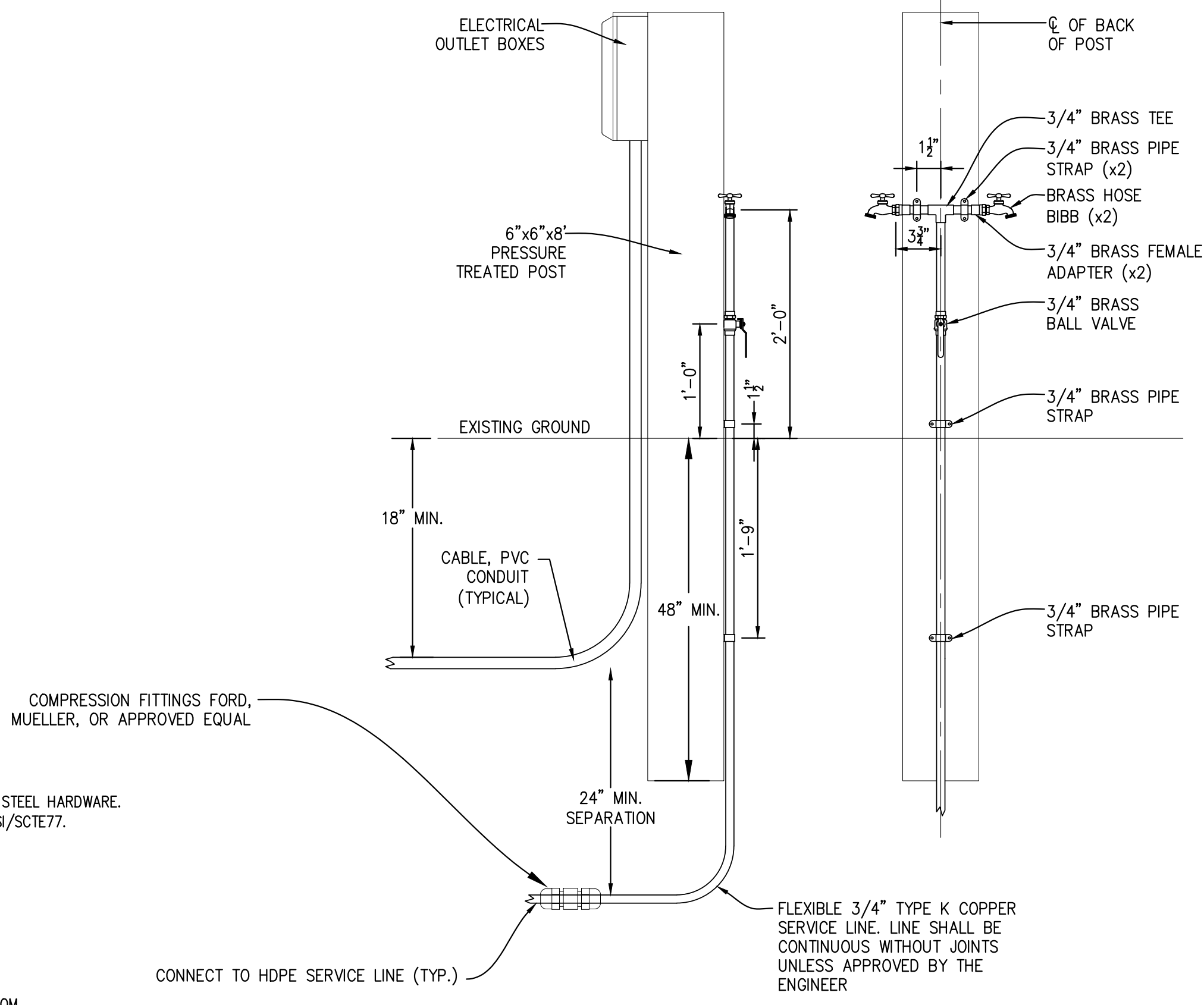


4 CONCRETE WHEEL STOP
NOT TO SCALE

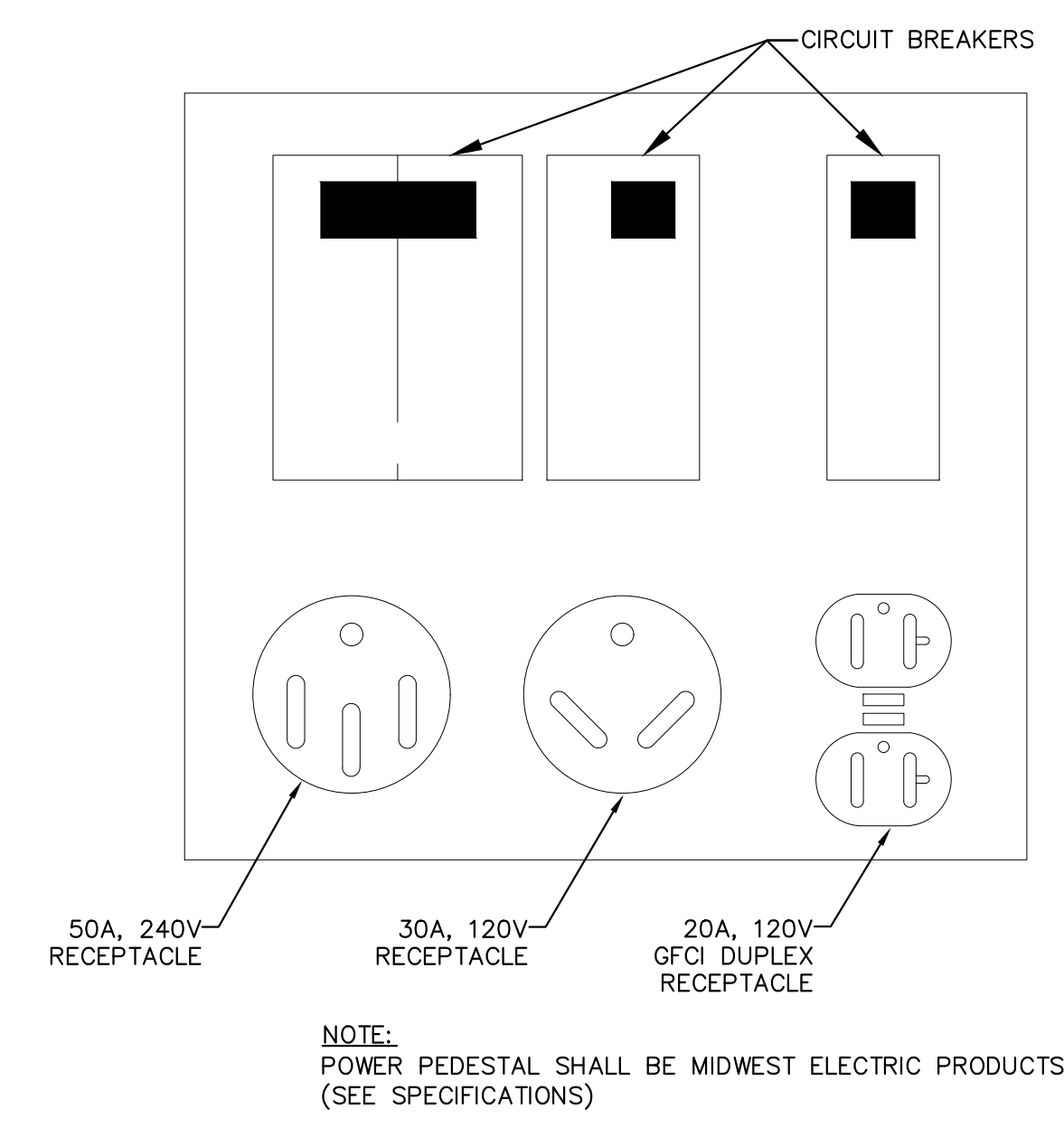
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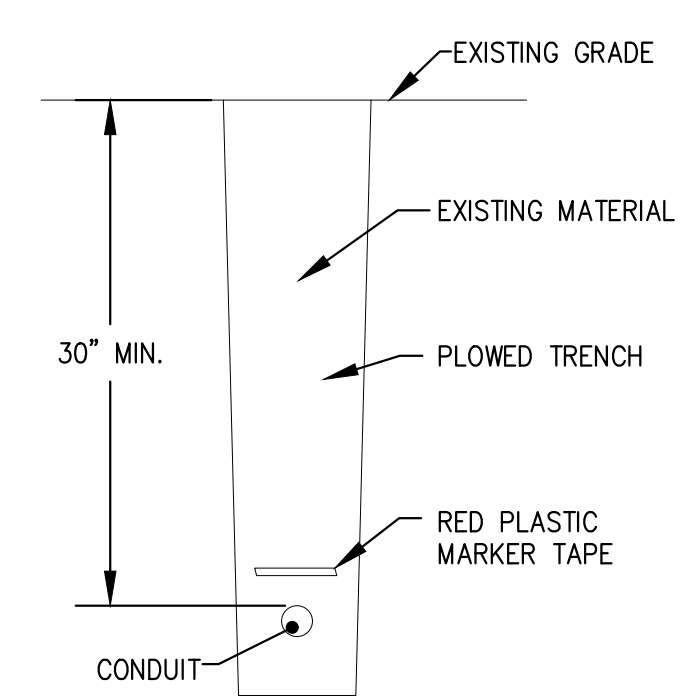
1 POWER PEDESTAL W/ PULL BOX / SPLICE DETAIL
NOT TO SCALE



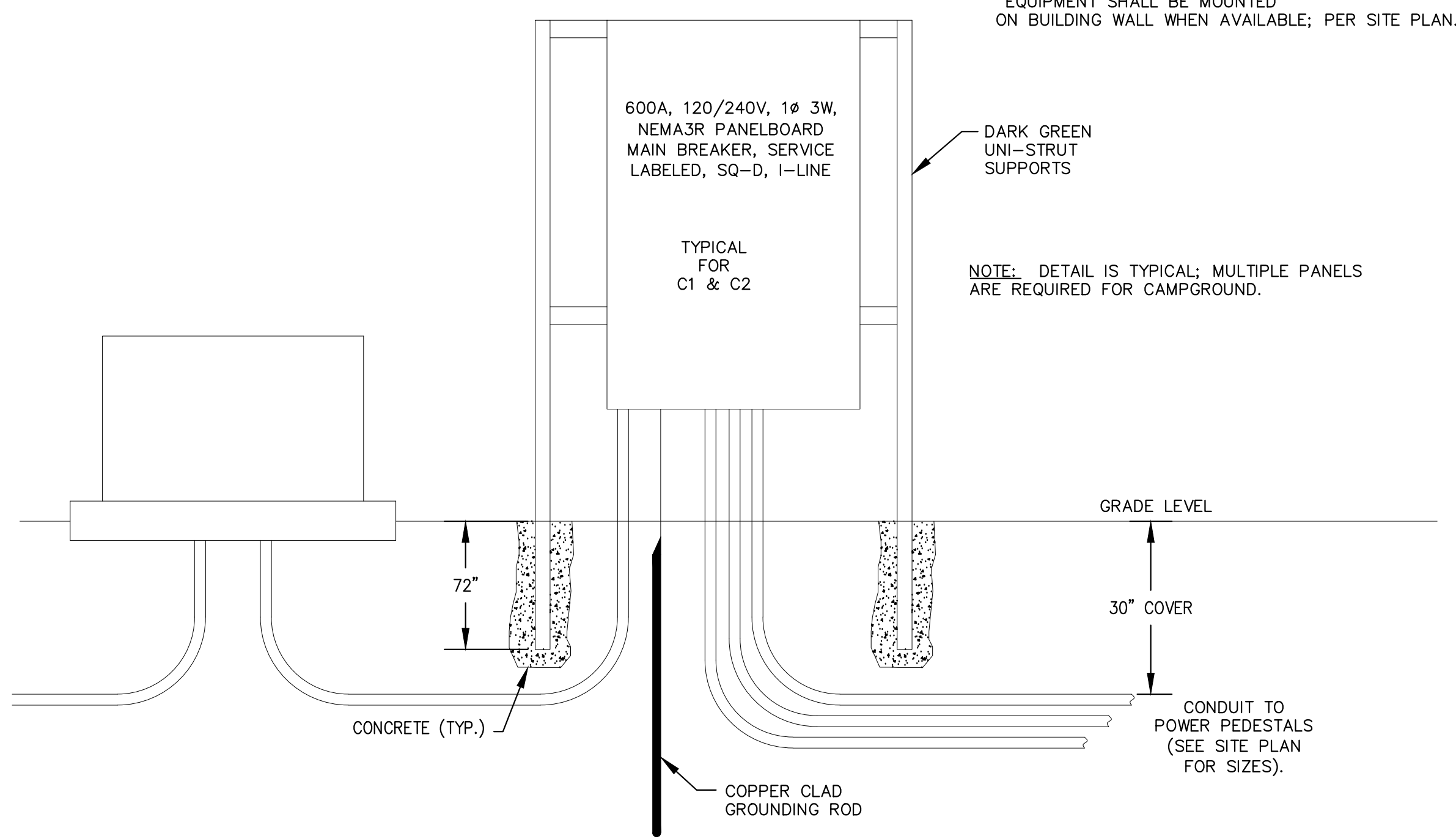
2 TYPICAL COMBINED CAMPSITE WATER & ELECTRIC HOOKUP
NOT TO SCALE



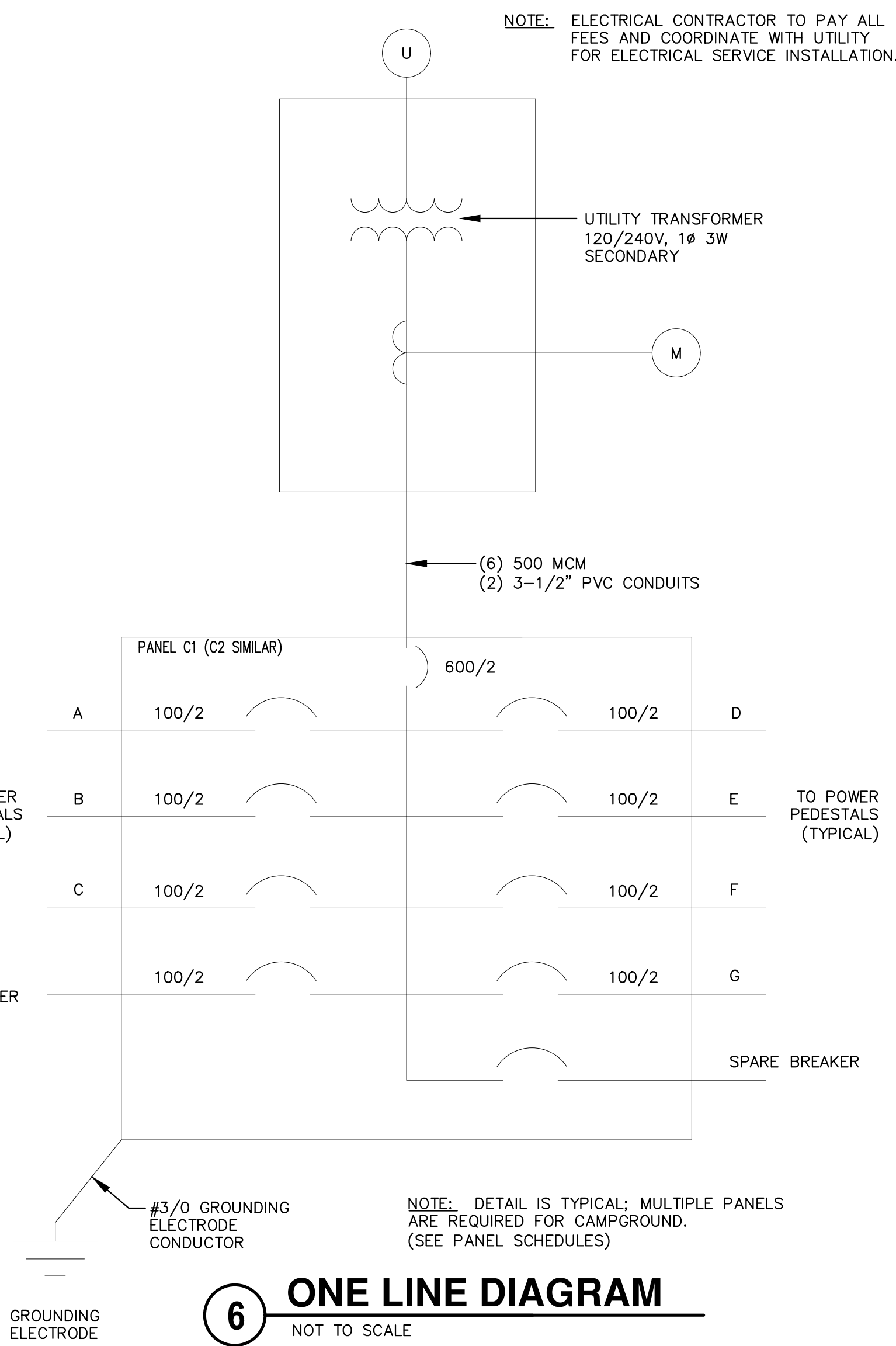
3 50A POWER OUTLET DETAIL
NOT TO SCALE



4 ELECTRIC TRENCH DETAIL
NOT TO SCALE



5 SERVICE PANELBOARD DETAIL
NOT TO SCALE



6 ONE LINE DIAGRAM
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	1/24/19	BIDDING

RECORD DRAWING OF COMPLETED CONSTRUCTION BY: _____
RECORD DRAWINGS OF COMPLETED CONSTRUCTION BY CONTRACTOR AND/OR OWNERS REQUIRED CONFORMING TO CONTRACTOR AND/OR OWNERS REQUIREMENTS BY: _____ DATE: _____

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BY	DATE
SURVEYED	
DRAWN	
DESIGNED	
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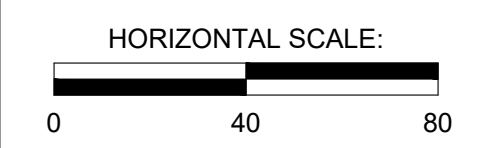
BID DRAWINGS
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SAXON HARBOR RECONSTRUCTION
FEMA DISASTER #4276
IRON COUNTY FORESTRY
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HURLEY, WISCONSIN

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1	UPEA	10/15/19	BIDDING

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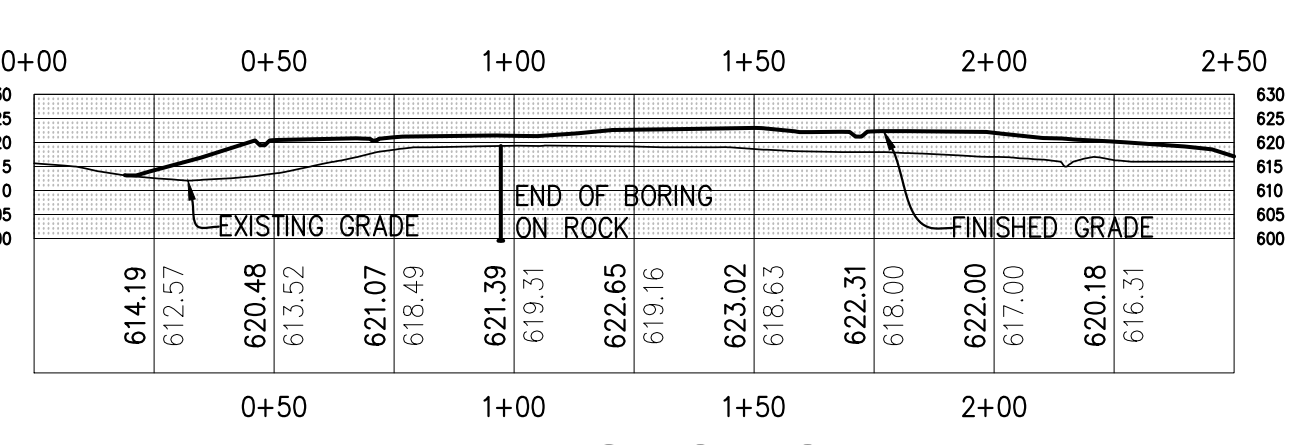
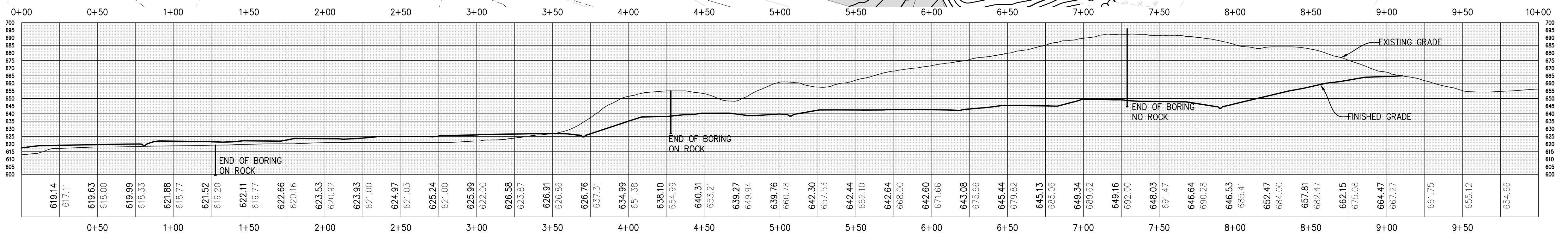
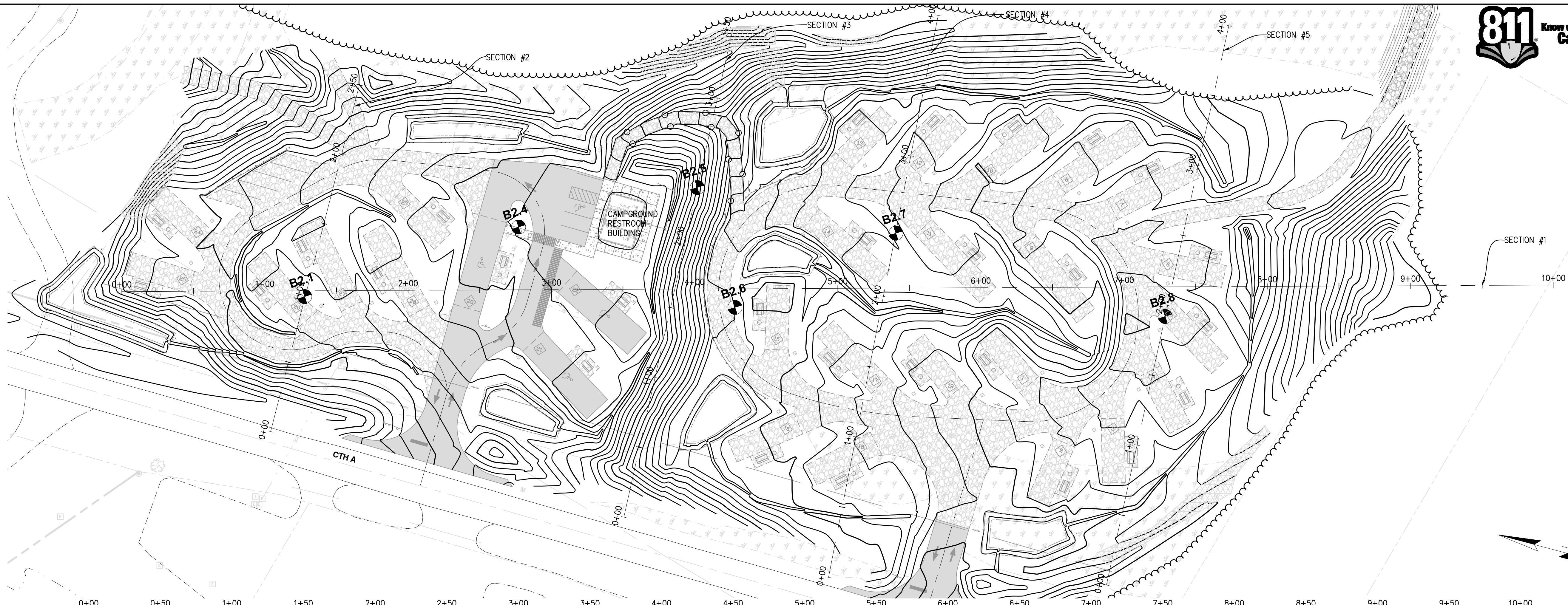
DATE OF PREPARATION	
BY	DATE
SURVEYED	
DRAWN	L.G.H.
DESIGNED	A.J.
CHECKED	

PROPOSED
CAMPGROUND
AREA - EARTHWORK
SECTIONS

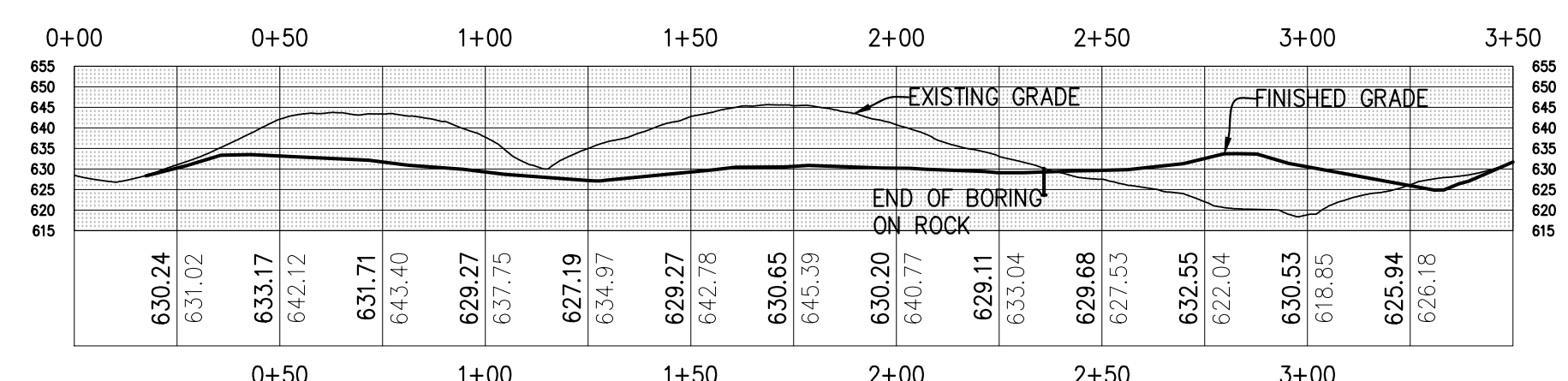


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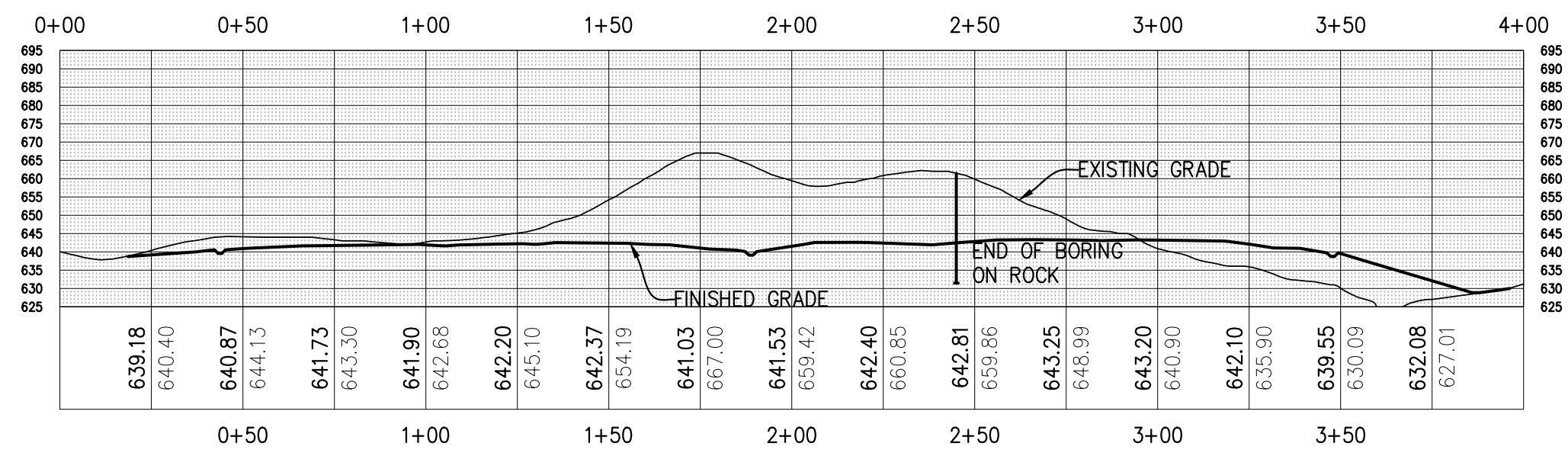
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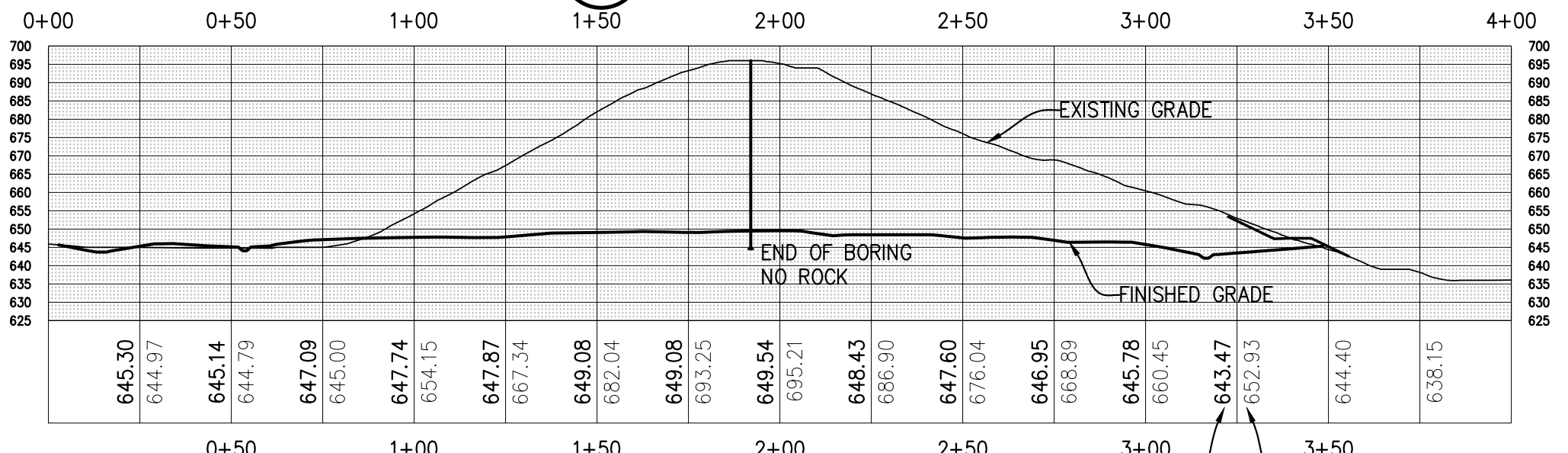
2 SECTION #2
SCALE: 1" = 40'



3 SECTION #3
SCALE: 1" = 40'



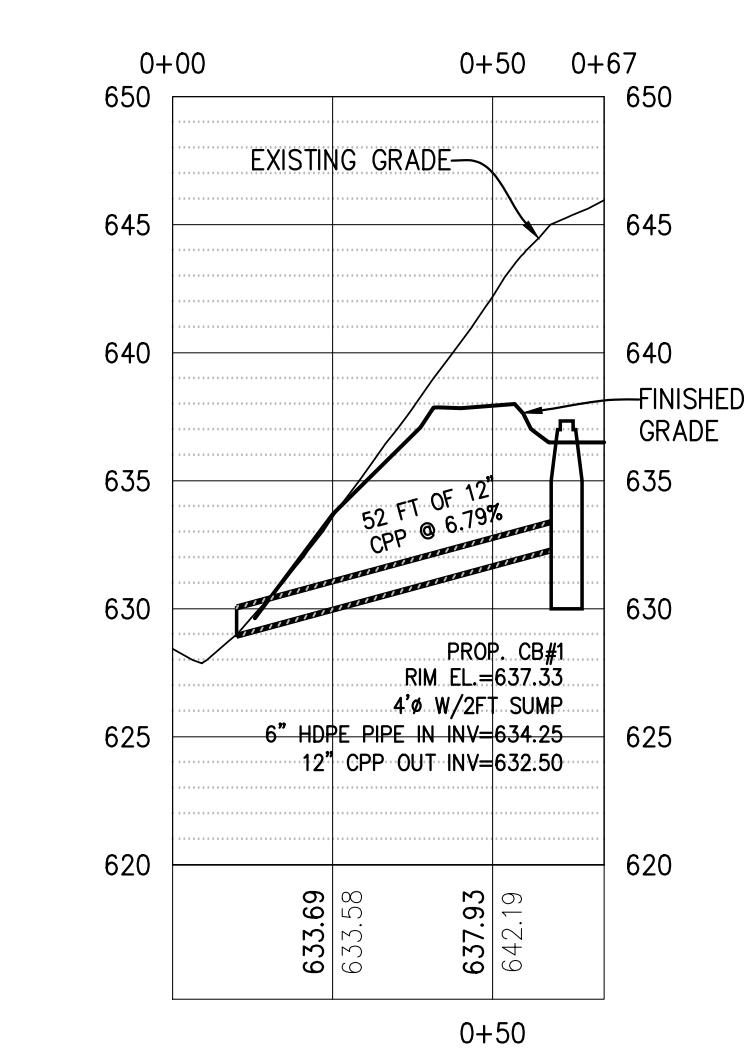
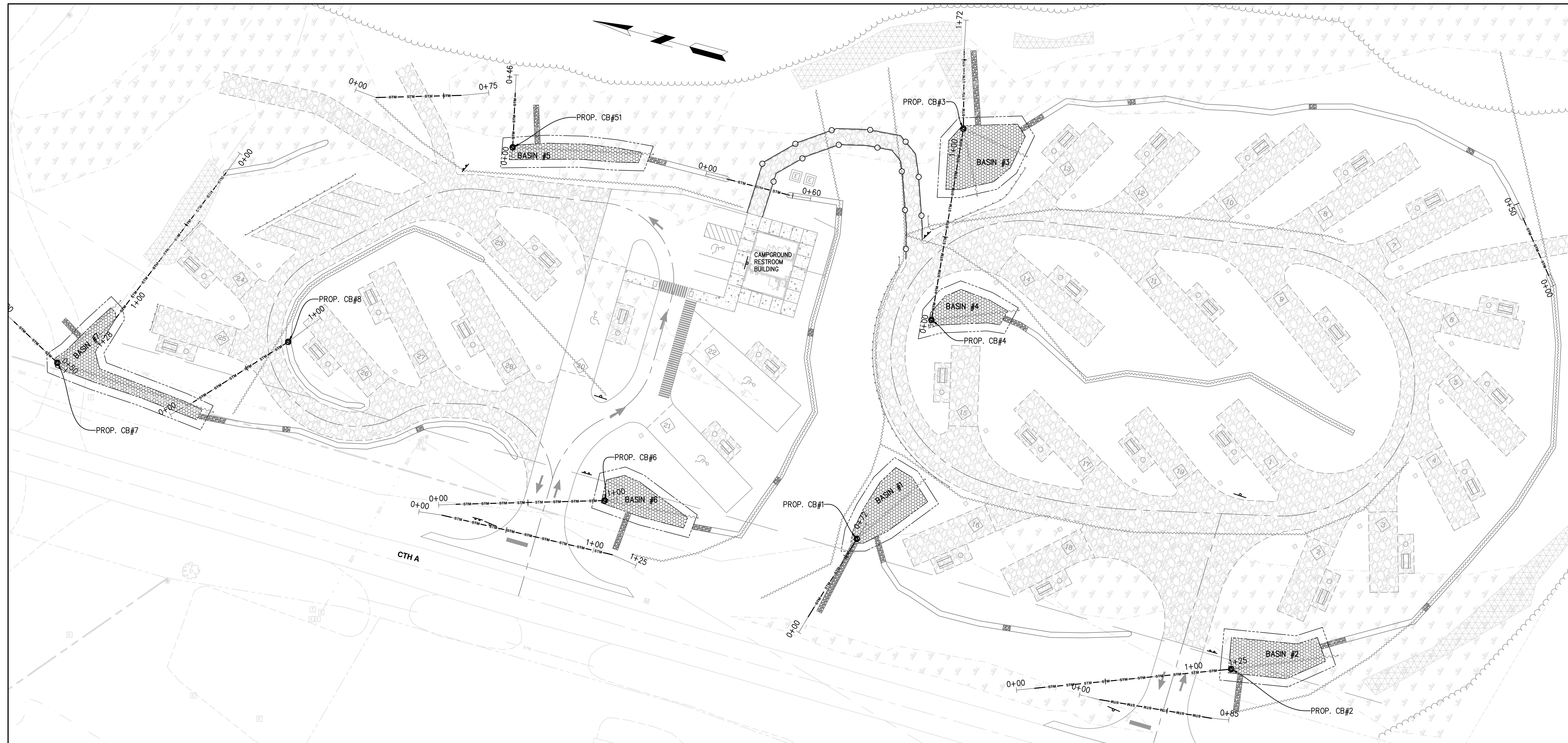
4 SECTION #4
SCALE: 1" = 40'



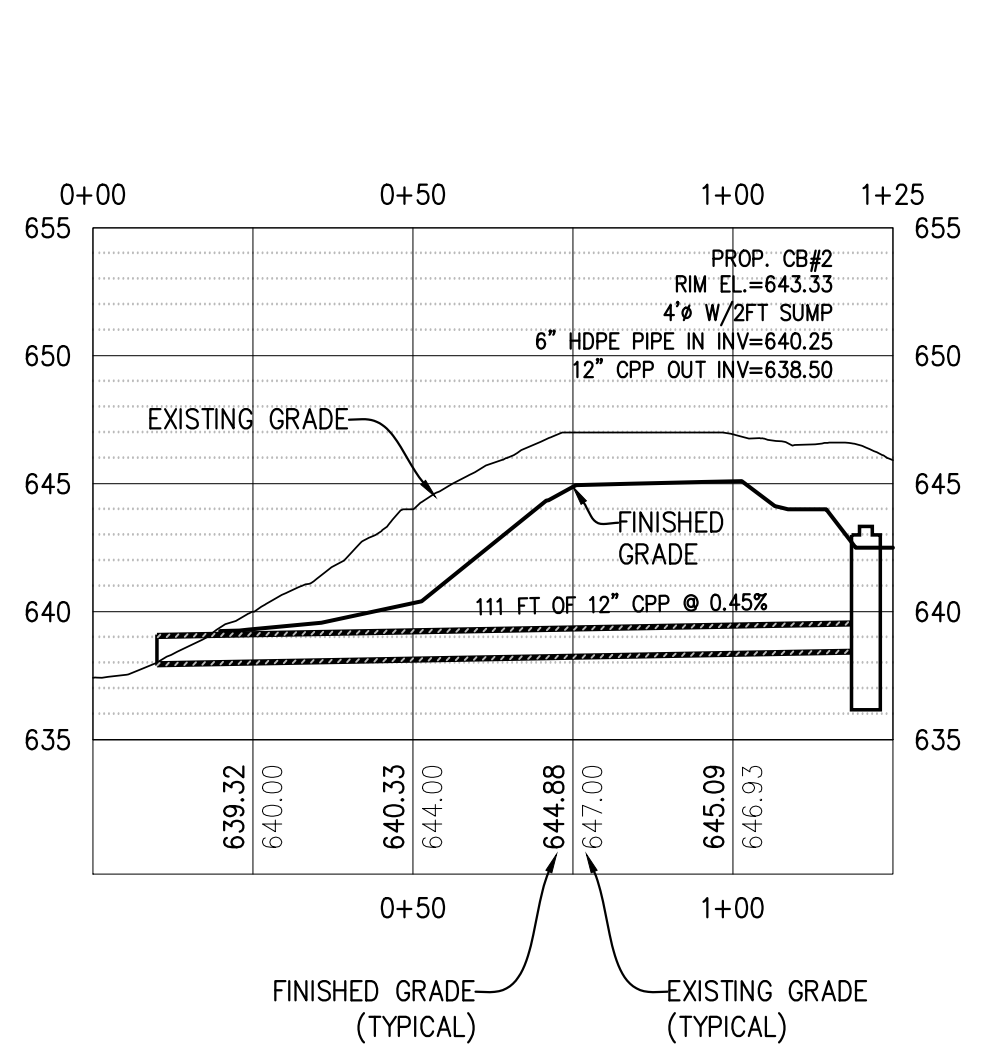
5 SECTION #5
SCALE: 1" = 40'

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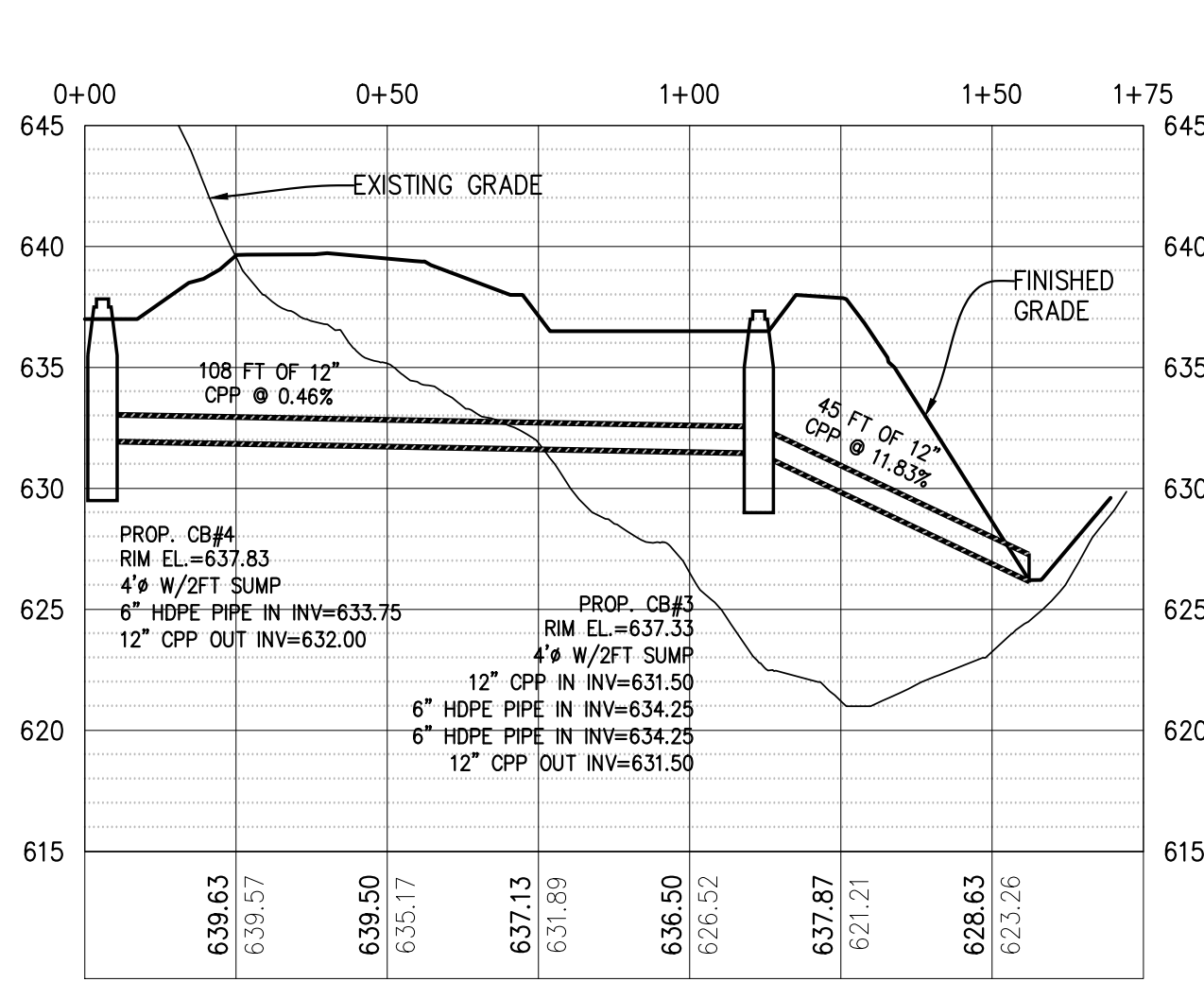
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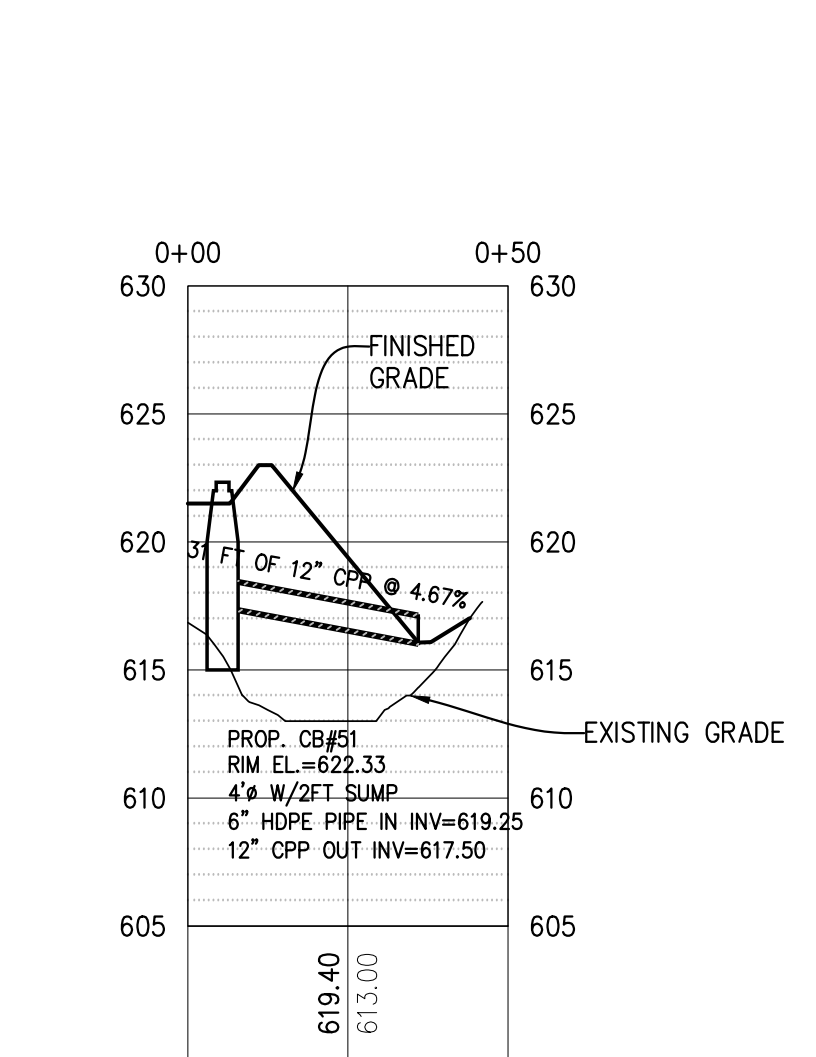
1 BASIN#1 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'



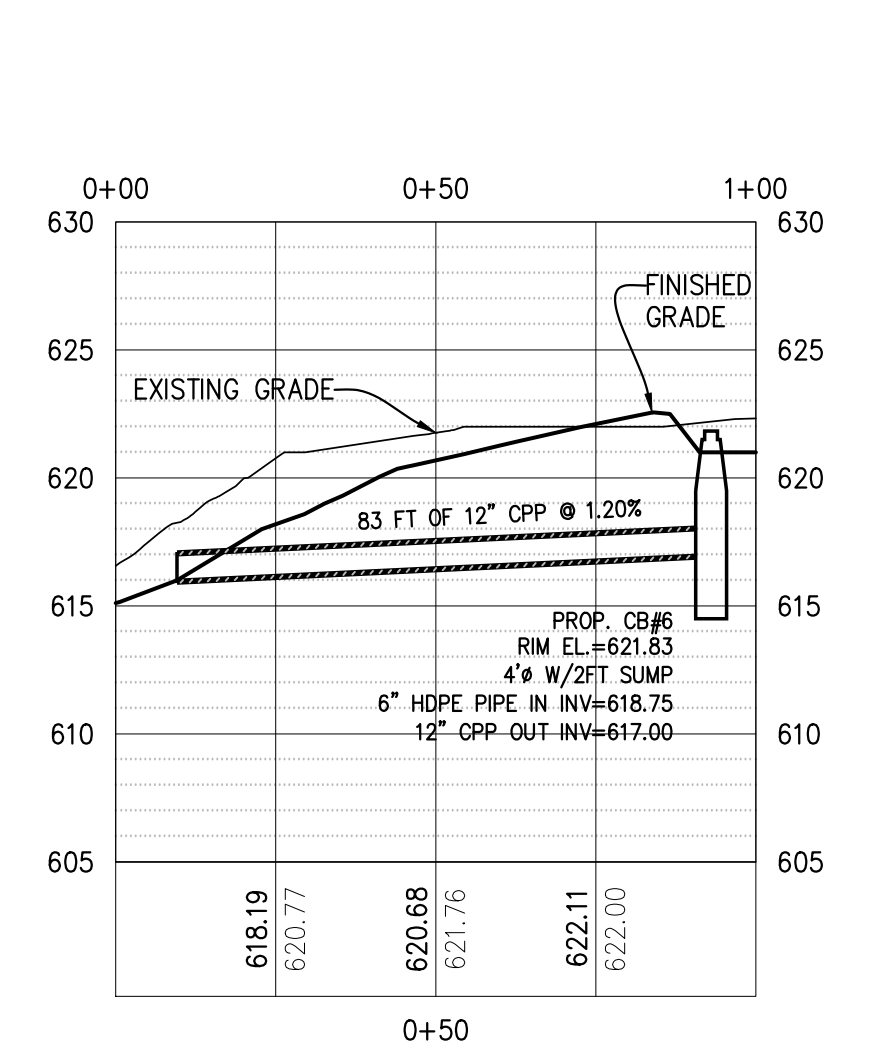
2 BASIN#2 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'



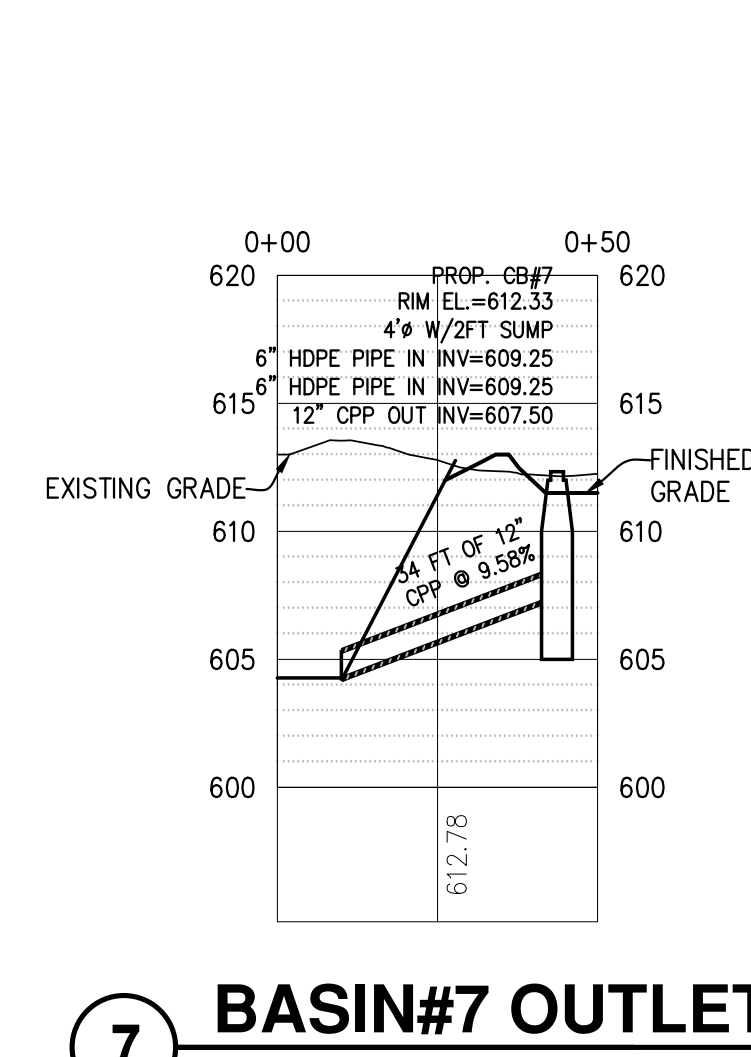
4 BASIN#3 & #4 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'



5 BASIN#5 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'



6 BASIN#6 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'



7 BASIN#7 OUTLET
 SCALE: HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 7.5'

Foth
SMITHGROUP
 UPEA ENGINEERS & ARCHITECTS

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CHECKED	

PROPOSED CAMPGROUND AREA - STORM SEWER PROFILES

HORIZONTAL SCALE:
 0 30 60

PROJECT ID: 171007.00

C601

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

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