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KEWEENAW COUNTY KEWEENAW COUNTY, MICHIGAN 42-102-14-150-000

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ITRACTOR	KEWEENAW COUNTY SESC	
3/2019	WUPHD PRIVY PERMIT	

NOT TO SCALE

KEWEENAW COUNTY

(906) 337-2229

DON PICHE • CHAIRMAN •

JAMES VIVIAN JR. • COMMISSIONER •

> DEL RAJALA COMMISSIONER

ROBERT DEMAROIS COMMISSIONER

> SANDRA GAYK COMMISSIONER



ARCHITECTS ENGINEERS PLANNERS OHM-ADVISORS.COM

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BID SET OHM PROJECT No. 7154-19-0010 **RECREATION PASSPORT GRANT No. RP18-0084** DATE: 7/8/2019 I Certify That The Civil/Structural Plans Were Prepared Under My Direct Supervision

FLOODPLAIN INFORMATION

1. THE LOCATION OF THE PROJECT IS NOT MAPPED BY FEMA FOR THE FLOOD PLAIN AREAS.

GENERAL NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE ALL PERMITS AND POST ALL BONDS PRIOR TO CONSTRUCTION. OR ENSURE THAT ALL REQUIRED PERMITS AND BONDS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION.
- 2. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING MISS-DIG (811) AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION.
- 3. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE LOCATED BY HAND DIGGING.
- 4. ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO STARTING REMOVALS.
- 5. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO STREETS, SIDEWALKS OTHER STRUCTURES AND ADJACENT AREAS CAUSED BY DEMOLITION OR HAULING OPERATIONS.
- 6. THE CONTRACTOR SHALL TAKE ALL NECESSARY ACTIONS TO ENSURE WORKER SAFETY AND COMPLIANCE WITH MI-OSHA GUIDELINES.
- 7. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS PRIOR TO CONSTRUCTION. ADJUST WORK AS REQUIRED TO MEET FIELD DIMENSIONS AT NO ADDITIONAL COST TO THE OWNER.
- 8. CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND ACCESSIBILITY WITH OWNER.
- 9. THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE PROPOSAL AND ACCOMPANYING SPECIFICATIONS FOR THIS PROJECT INCLUDING THE 2012 MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, AASHTO'S 2011 POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE STATE OF MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS.
- 10. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES FOR NOISE LEVELS, HOURS OF OPERATION FOR CONSTRUCTION ACTIVITY, VIBRATIONS, OR ANY OTHER RESTRICTIONS. NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR FOR ANY WINTER PROTECTION MEASURES THAT MAY BE REQUIRED TO COMPLY WITH THE CONTRACT DOCUMENTS.
- 11. COORDINATION BY THE CONTRACTOR; NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY DELAY OR INCONVENIENCE DUE TO MATERIAL SHORTAGES OR DELAYS DUE TO THE OPERATIONS OF SUCH OTHER PARTIES DOING WORK INDICATED OR SHOWN ON THE PLANS OR IN THE PROPOSAL OR FOR ANY DELAYS IN CONSTRUCTION DUE TO THE ENCOUNTERING OF EXISTING UTILITIES THAT MAY OR MAY NOT BE SHOWN ON THE PLANS.
- 12. ANY QUANTITIES AND DIMENSIONS SHOWN ON THE PLANS ARE PROVIDED FOR INFORMATION ONLY, CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION.

REMOVAL

- 1. REMOVALS SHALL BE DONE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. ANY ADDITIONAL TREE REMOVALS, CLEARING, GRADING, ETC. NEEDED FOR THE CONTRACTOR'S STAGING AND/OR WORK OPERATIONS SHALL BE COMPLETED AND AREA RESTORED TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COMPENSATION.
- ADDITIONAL WORK OUTSIDE OF THE LIMITS AS SHOWN ON THE PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING THE ADDITIONAL WORK.
- 4. MATERIALS REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND BE PROPERLY DISPOSED OF AT AN OFF SITE LOCATION.

AGGREGATE CONSTRUCTION

- 1. AGGREGATE USED FOR ADA AREAS SHALL MEET THE REQUIREMENTS OF SECTION 902 OF THE 2012 MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL BE MDOT CLASS 34R OR AS APPROVED BY THE ENGINEER.
- 2. AGGREGATE BASE CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH SECTION 302 OF THE 2012 MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 3. LANDSCAPE BOULDERS SHALL BE 3-5 FT DIAMETER BOULDERS.

SWING GATE

- ALTERNATE 1: SWING GATE INCLUDES THE PURCHASE AND INSTALLATION OF A STEEL SWING GATE AT THE LOCATION IDENTIFIED ON THE PLANS. THE SWING GATE SHALL BE PAINTED AND SHALL INCLUDE MINIMUM 4 INCH DIAMETER POSTS WITH 2 INCH DIAMETER STEEL GATE ARM MATERIAL. A CHAIN AND LOCK SHALL BE INCLUDED.
- 2. THE GATE POSTS SHALL HAVE A 4 FOOT BURY DEPTH AND SHALL BE FILLED WITH CONCRETE. THE BASES SHALL BE EMBEDDED IN A MINIMUM 18 INCH DIAMETER CONCRETE BASE.
- 3. THE GATE ARM SHALL INCLUDE A TOP RAIL AND AN ANGLE RAIL OR TOP AND BOTTOM RAIL.

MAINTENANCE OF TRAFFIC

THE PUBLIC AND CONSTRUCTION WORKERS PRIOR TO PERFORMING ANY WORK.

RESTORATION

- 1. THE CONTRACTOR SHALL RESTORE ALL DISTRUBED AREAS UPON COMPLETION OF THE PROJECT.
- INSTALLED WITHIN FIVE CALENDAR DAYS OF COMPLETING FINAL GRADING.
- THE PLANS.
- AREAS NOT UNDER PAVEMENT OR OTHERWISE LABELED.
- 5. ALL FILL SHALL BE CLEAN INERT MATERIAL.

SOIL EROSION AND SEDIMENTATION CONTROL

- SHALL CONTINUE AFTER PROJECT COMPLETION.
- 2. SOIL EROSION AND SEDIMENTATION CONTROL SHALL BE IN ACCORDANCE WITH THE 2012 MICHIGAN STANDARD PLAN R-96 SERIES, AND COUNTY REQUIREMENTS.
- REQUIREMENTS. THE PROJECT COVERS APPROXIMATELY 2 ACRES.
- CONSTRUCTION OF THE PROJECT.
- REMOVAL OF THE EROSION CONTROL ITEMS.
- 6. THE CONTRACTOR SHALL FOLLOW LOCAL RULES AND REGULATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL FOR ALL MATERIALS THAT ARE DISPOSED OF OFF THE PROJECT SITE.
- ACCEPTABLE TEMPORARY PRECAUTION.
- 8. THE CONTRACTOR SHALL INSTALL SILT FENCES AND ROCK FILTERS AS TEMPORARY EROSION AND
- PRIOR TO STOCKPILING MATERIAL ON SITE.
- AND MULCHED.
- VEGETATION IS ESTABLISHED.
- COUNTY

1. CONTRACTOR TO PROVIDE NECESSARY SIGNAGE, BARRICADES, AND OTHER DEVICES FOR PROTECTION OF

2. ALL DISTURBED AREAS SHALL BE BROUGHT TO FINAL GRADE AND STABILIZED AS SOON AS POSSIBLE AFTER BEING DISTURBED. PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE

3. ALL PERMANENT SLOPES STEEPER THAN 4:1 SHALL BE STABILIZED USING MULCH BLANKETS AS LISTED ON

4. CONTRACTOR SHALL PLACE 3" OF SCREENED TOPSOIL, SEED AND MULCH AS INDICATED ON ALL DISTURBED

1. SUBMIT CONSTRUCTION SEQUENCE & SESC PLAN FOR APPROVAL PRIOR TO DOING WORK. CONSTRUCT AND MAINTAIN ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND REMOVE WHEN ACCEPTABLE. NON COMPLIANCE COULD RESULT IN FINES BY KEWEENAW COUNTY AND ASSESSMENT OF ACTUAL DAMAGE COSTS. WITH O&M MANUAL FURNISH SECTION ON OWNER MAINTENANCE OF PERMANENT CONTROLS. IMPLEMENT CONTINUOUS INSPECTION AND MAINTENANCE PROGRAMS. OWNER

DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, MDOT

3. THE CONTRACTOR SHALL EMPLOY A MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY CERTIFIED STORM WATER OPERATOR ON ALL SITES WITH A DISTURBANCE OF FIVE OR MORE ACRES (PERMIT-BY-RULE). THE OPERATOR SHALL COMPLETE ALL INSPECTIONS AND REPORTS TO COMPLY WITH SESC PERMIT

4. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO MINIMIZE THE AREAS LEFT BARREN DURING CONSTRUCTION AND TO DISTURB ONLY THOSE AREAS ABSOLUTELY REQUIRED FOR THE

5. EROSION CONTROL ITEMS SHALL BE INSTALLED AND MAINTAINED ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER AND SHALL BE REMOVED WHEN NO LONGER EFFECTIVE AS DETERMINED BY THE ENGINEER. TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL CONTROL IS IN PLACE AND STABILIZED. NO SEPARATE PAYMENT SHALL BE ALLOWED FOR EITHER MAINTENANCE OF

7. IF THE PROJECT OR ANY CONSTRUCTION ACTIVITY IS STOPPED FOR ANY LENGTH OF TIME OTHER THEN THAT ENCOUNTERED IN A NORMAL WORK WEEK, EVERY PRECAUTION SHALL BE TAKEN TO PROTECT THE UNCOMPLETED WORK FROM EROSION, INCLUDING THE PLACEMENT OF RIP RAP, HAY BALES OR OTHER

SEDIMENTATION CONTROL IN DISTURBED AREAS AS REQUIRED AND AS SHOWN ON THE PLANS.

9. THE CONTRACTOR SHALL SUBMIT PROPOSED SPOIL PILE LOCATIONS TO THE ENGINEER FOR APPROVAL

10. SPOIL PILES SHALL BE GRADED SO THAT THE SLOPES ARE NOT STEEPER THEN 3:1 AND SHALL BE SEEDED

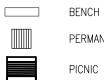
11. SPOIL PILES SHALL HAVE SILT FENCE PLACED AT THE BASE OF THE SPOIL PILES TO RETAIN SOIL UNTIL

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS FOR THE PROJECT INCLUDING THE SOIL EROSION AND SEDIMENTATION CONTROL PERMIT AS REQUIRED BY KEWEENAW

SITE FURNISHINGS

- 1. BENCHES, TABLES, GRILLS AND TRASH RECEPTACLES NOTED ON THE DRAWINGS SHALL BE FURNISHED BY KEWEENAW COUNTY AND INSTALLED BY THE CONTRACTOR.
- 2. THE SITE FURNISHINGS MAY BE DELIVERED AFTER THE REST OF THE PROJECT HAS BEEN COMPLETED. CONTRACTOR SHALL REMOBILIZE TO INSTALL SITE FURNISHINGS AND ANCHORING AT NO ADDITIONAL COST TO OWNER.
- 3. THE VAULT TOILET SHALL BE FURNISHED BY KEWEENAW COUNTY. THE CONTRACTOR SHALL PREPARE THE SITE FOR DELIVERY AND PLACEMENT OF VAULT TOILET. THE VAULT TOILET MANUFACTURER SHALL DELIVER AND PLACE THE TOILET IN THE PREPARED LOCATION. THE CONTRACTOR SHALL BACKFILL THE VAULT TOILET. CONTRACTOR SHALL COORDINATE ALL EFFORTS FOR DELIVERY AND PLACEMENT OF THE VAULT TOILET.
- 4. CONFIRM DIAMETER OF GRILL STAND SLEEVE WITH SELECTED MANUFACTURER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE GRILL STAND SLEEVE AND INSTALL THE SLEEVE AND CONCRETE.

FURNISHING SYMBOLS



PERMANENT PARK GRILL PICNIC TABLE

TOPO PATTERN

TREE LINE WATER LINE

PROPOSED LEGEND



CONC

ADA APPROVED GRAVEL. 34R



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EGEND.

AND

NOTES

GENERAL



Know what's below. Call before you dig.

C-001

KEWEENAW COUNTY GRATIOT RIVER PARK

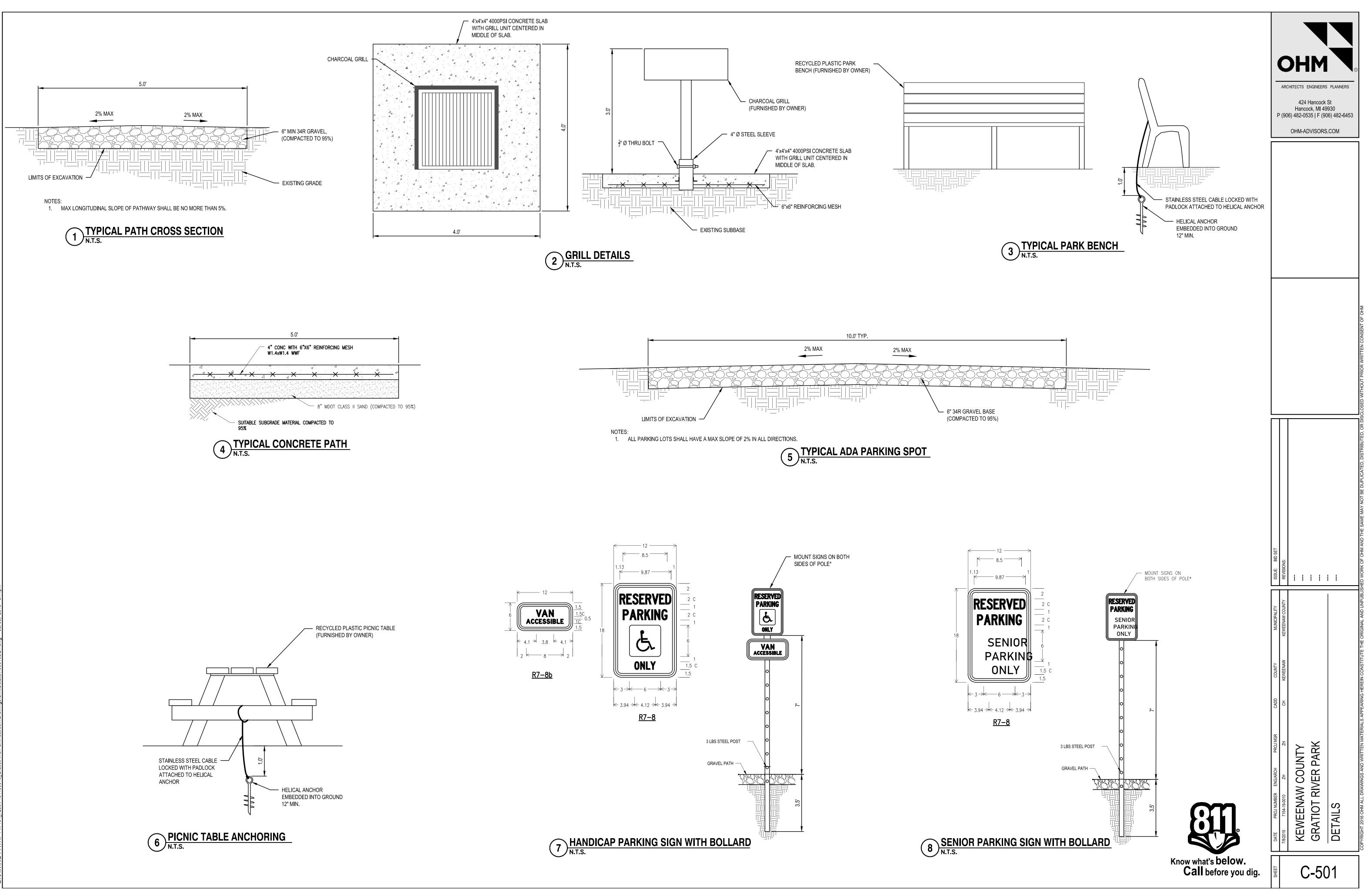


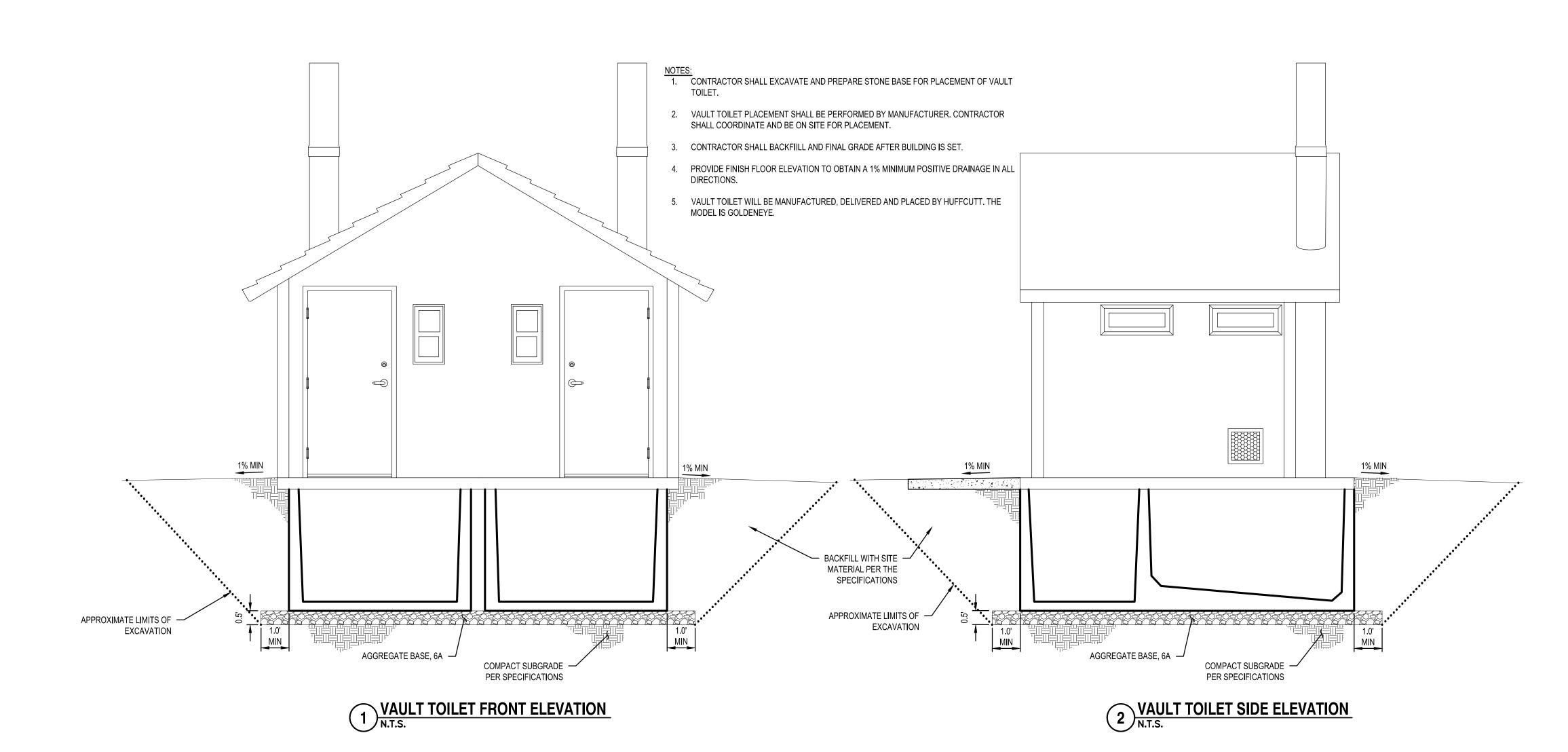
EXISTING SITE PLAN

SRAPHIC SCALE: 1 inch = 20 feet	_	ARC	424 Hanco 6) 482-05	ENGINEER Hancocł ock, MI 4	S PLANNERS St 9930 906) 482-6453
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			KEWEENAW COUNTY	GRATIOT RIVER PARK	VAULT TOILET DETAILS



Know what's below. Call before you dig.

