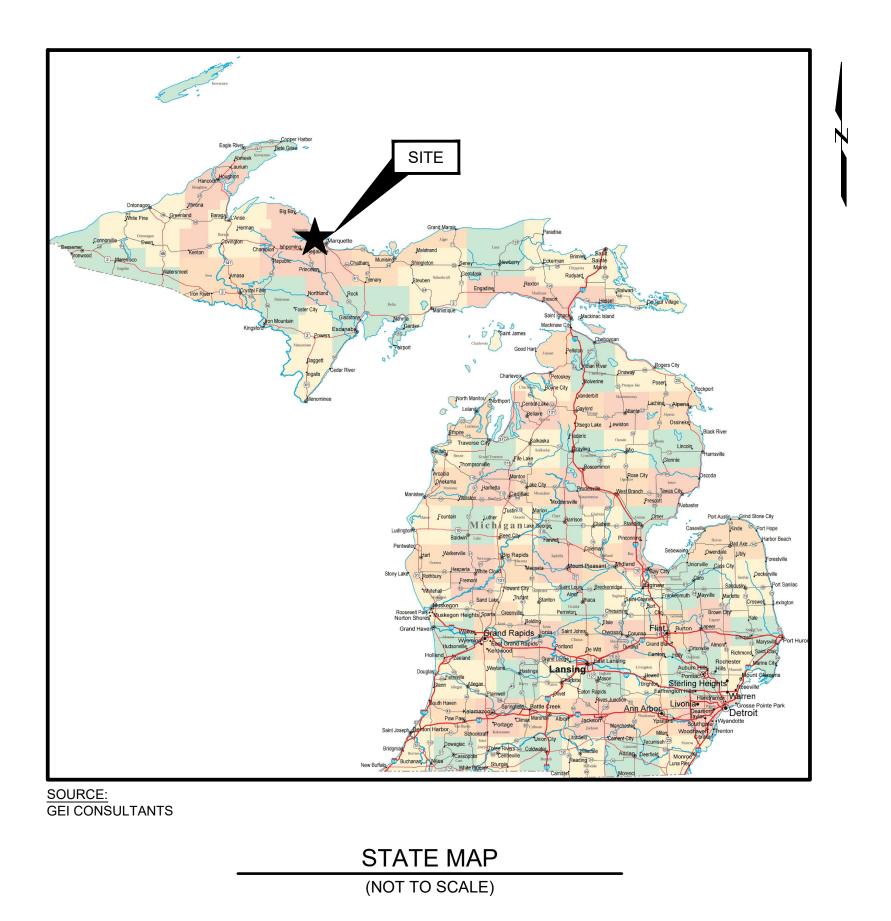
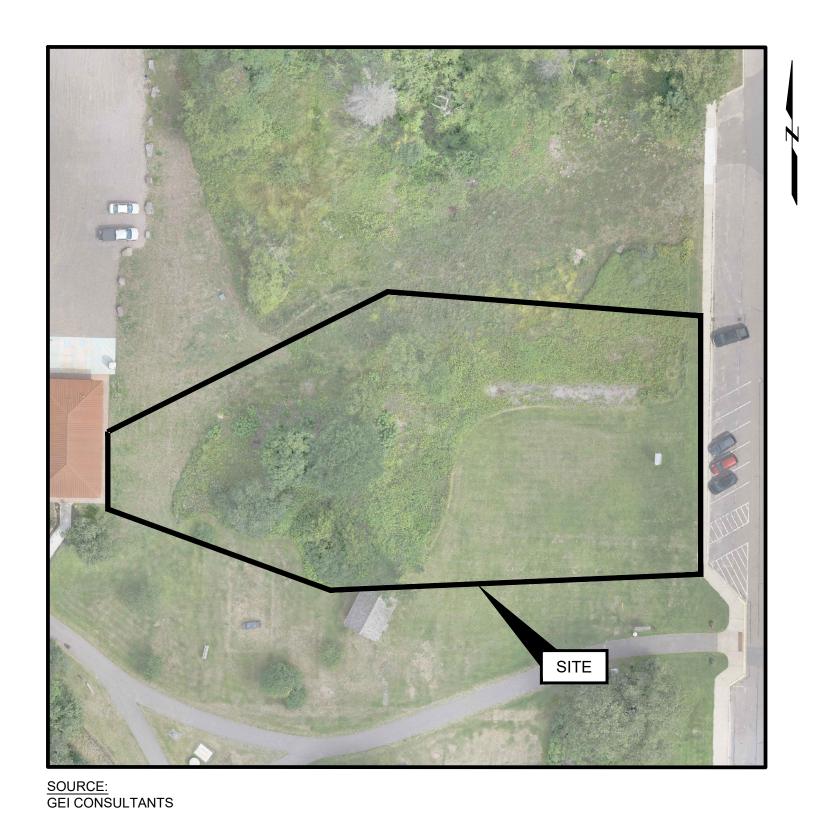
JACKSON MINE PARK IMPROVEMENT

NEGAUNEE, MI





SITE LOCATION MAP

(NOT TO SCALE)

PREPARED FOR:

CITY OF NEGAUNEE 319 W. CASE STREET P.O BOX 70 NEGAUNEE, MI 49866 PREPARED BY:

GEI CONSULTANTS OF MICHIGAN, P.C. 109 W. BARAGA AVENUE MARQUETTE, MI 49855 (906)451-4021



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1	7/31/2023	ADDENDUM NO. 2 FOR BID	GMM	V 5
0	3/24/2022	FOR BID	GMM	1
NO	DATE	ISSUE/REVISION	ΛDD	

GENERAL NOTES:

- 1. EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS AND SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 2. ANY EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, STRUCTURES, TREES, ETC., NOT PLANNED FOR DEMOLITION OR REMOVAL THAT ARE DAMAGED OR REMOVED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 3. THE CONTRACTOR SHALL VERIFY ALL DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES WITH THE CONSTRUCTION PLANS FOUND IN THE FIELD SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF GEI'S ENGINEER WHO SHALL BE RESPONSIBLE FOR REVISING THE PLANS AS APPROPRIATE. ALL REVISIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY ENGINEER. PLAN REVISIONS MAY NEED ZONING ADMINISTRATOR AND CITY ENGINEER APPROVAL.
- ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, IF SHOWN OR IN KIND. HOWEVER, THE TYPE OF REVEGETATION MUST EQUAL OR EXCEED THE TYPE OF VEGETATION PRESENT BEFORE CONSTRUCTION UNLESS OTHERWISE SPECIFIED.
- 5. PRIOR TO ANY CONSTRUCTION, A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF NEGAUNEE, THE DEVELOPER, THE CONTRACTOR, UTILITY COMPANIES, ANY AFFECTED PARTIES, AND ANY OTHER ENTITY THE CITY OR DEVELOPER MAY REQUIRE SHALL CONVENE.
- 6. ALL UTILITY CONSTRUCTION WORK TO BE ACCEPTED BY THE CITY OF NEGAUNEE INTO THEIR UTILITY SYSTEM AND ALL WORK DONE IN PUBLIC RIGHTS OF WAY OR EASEMENTS MUST BE DONE IN ACCORDANCE WITH MICHIGAN DEPARTMENT OF TRANSPORTATION AND CITY OF NEGAUNEE STANDARDS AND SPECIFICATIONS.
- 7. WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND ANY TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE CITY ENGINEER.
- 8. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR OR HIS/HER DESIGNATED AGENT SHALL APPLY FOR AND SECURE ALL PROPER PERMITS FROM THE APPROPRIATE AUTHORITIES, SUCH AS, BUT NOT LIMITED TO, THE CITY OF NEGAUNEE, MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY, COUNTY OF MARQUETTE. ETC.
- 9. CONSTRUCTION INSPECTION SHALL BE PERFORMED BY THE CITY OF NEGAUNEE FOR INFRASTRUCTURE THAT WILL BE DEDICATED TO THE CITY FOR PUBLIC USE. CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE OF CONSTRUCTION ACTIVITIES.

PROJECT SAFETY NOTES:

- 1. PROJECT SAFETY SHALL BE IN ACCORDANCE WITH THE LAWS OF THE STATE OF MICHIGAN AND THE MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S CURRENT REGULATIONS.
- 2. THE PARK WILL REMAIN OPEN TO THE PUBLIC DURING CONSTRUCTION; CONTRACTOR TO TAKE ALL PRECAUTIONARY MEASURES TO PREVENT PUBLIC ACCESS TO THE CONSTRUCTION SITE.

WATER NOTES:

- THE CONTRACTOR SHALL CONTACT THE CITY DEPARTMENT OF PUBLIC WORKS TO COORDINATE UTILITY MAIN, STRUCTURE, AND UTILITY TIE-INS AND NOTIFY HIM/HER AT LEAST 3 BUSINESS DAYS PRIOR FOR INSPECTION SERVICES.
- 2. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL NOTIFY MISS DIG A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ADJOINING PROPERTY OWNER TO LOCATE PRIVATE UTILITIES THAT MAY BE PLACED NOT ONLY ON PRIVATE PROPERTY BUT ON PUBLIC PROPERTY.

TRAFFIC CONTROL NOTES:

- 1. ANY METHODS, STREET MARKINGS AND SIGNAGE NECESSARY FOR WARNING MOTORISTS, WARNING PEDESTRIANS OR DIVERTING TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION.
- 2. ALL PUBLIC STREETS THAT ARE TO BE CLOSED OR INTERRUPTED DUE TO THE CONSTRUCTION ACTIVITIES WILL REQUIRE COORDINATION WITH THE CITY OF NEGAUNEE DEPARTMENT OF PUBLIC WORKS FOR A PUBLIC SERVICE ANNOUNCEMENT. A MINIMUM OF 72 HOURS NOTICE WILL BE GIVEN TO THE CITY ENGINEERING DEPARTMENT FOR SAID CLOSURES OR INTERRUPTIONS.
- 3. PARKING RESTRICTIONS MUST BE POSTED 24 HOURS BEFORE WORK STARTS AND WILL BE AT THE EXPENSE OF THE CONTRACTOR/DEVELOPER. CONTACT THE POLICE DEPARTMENT AND PUBLIC WORKS DEPARTMENT WHEN RESTRICTIONS ARE PLACED.
- 4. THE HOURS OF CONSTRUCTION OPERATIONS WILL FOLLOW THE NOISE RESTRICTIONS AS PER THE CITY OF NEGAUNEE NUISANCE ORDINANCE AND AS SPECIFIED IN THE CITY OF NEGAUNEE STANDARD CONSTRUCTION SPECIFICATIONS.

EROSION AND SEDIMENT CONTROL NOTES:

1. EROSION CONTROL MEASURES, SITE WORK AND RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY GUIDEBOOK OF BEST MANAGEMENT

PRACTICES FOR MICHIGAN WATERSHEDS.

- 2. ALL SLOPES SHALL BE SODDED OR SEEDED WITH APPROVED GRASS, GRASS MIXTURES OR GROUND COVER SUITABLE TO THE AREA AND SEASON IN WHICH THEY ARE APPLIED.
- 3. SILT FENCES, ROCK BERMS, SEDIMENTATION BASINS AND SIMILARLY RECOGNIZED TECHNIQUES AND MATERIALS SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE SEDIMENTATION LOADING OF DOWNSTREAM FACILITIES. SUCH INSTALLATION SHALL BE REGULARLY INSPECTED BY THE CONTRACTORS CERTIFIED STORM WATER OPERATOR FOR EFFECTIVENESS. ADDITIONAL MEASURES MAY BE REQUIRED IF, IN THE OPINION OF THE CITY OF NEGAUNEE'S HYDROLOGY ENGINEER OR FIELD REPRESENTATIVE, THEY ARE WARRANTED.
- 4. ALL MUD, DIRT, ROCKS, DEBRIS, ETC., SPILLED, TRACKED OR OTHERWISE DEPOSITED ON EXISTING PAVED STREETS, DRIVES AND AREAS USED BY THE PUBLIC SHALL BE CLEANED UP IMMEDIATELY.

CONSTRUCTION NOTES (APPLICABLE TO ALL SHEETS):

- 1. ALL PIPING, VALVES, FITTINGS, AND ASSOCIATED APPURTENANCES SHALL BE STOCKPILED SUCH THAT THEY DO NOT INTERFERE WITH THE SAFE AND FREE MOVEMENT OF TRAFFIC. IF EQUIPMENT USES OR OBSTRUCTS ANY PORTION OF PUBLIC ROADWAYS DURING THE PERFORMANCE OF THE WORK, PROPER TRAFFIC CONTROL (INCLUDING FLAG PERSONS) SHALL BE REQUIRED.
- 2. AT NO TIME SHALL EXCAVATED MATERIAL(S) OR IMPORTED MATERIAL(S) BE STOCKPILED ON PAVED ROADWAY SURFACES. IF THE PAVED ROADWAY SURFACE IS DAMAGED BY THE CONTRACTOR AS A RESULT OF STOCKPILING EXCAVATED MATERIAL(S) OR IMPORTED MATERIAL(S) ON PAVED ROADWAY SURFACES, THE CONTRACTOR SHALL BE REQUIRED TO REPAIR THE PAVED ROADWAY SURFACE AT NO ADDITIONAL COST TO THE OWNER.
- 3. AT NO TIME SHALL TRACK EQUIPMENT BE PERMITTED TO TRAVEL ON OR ACROSS PAVED ROADWAY SURFACES WITHOUT PROVIDING ADEQUATE PROTECTION BETWEEN THE TRACKS AND PAVED ROADWAY SURFACE. IF THE PAVED ROADWAY SURFACE IS DAMAGED BY FAILURE TO PROVIDE ADEQUATE PROTECTION BETWEEN THE TRACKS AND PAVED ROADWAY SURFACE, THE CONTRACTOR SHALL BE REQUIRED TO REPAIR THE PAVED ROADWAY SURFACE AT NO ADDITIONAL COST TO THE OWNER.
- 4. CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT AND BRACING DURING EXCAVATION, DEWATERING, AND BACKFILLING OPERATIONS TO PROTECT THE STRUCTURAL INTEGRITY OF ALL CURBING, SHOULDERS, SEWERS, PAVED AREAS, AND UTILITIES LOCATED WITHIN THE PUBLIC ROAD RIGHT-OF-WAY. SHEETING AND BRACING SHALL BE REQUIRED WHEN ANY EXCAVATION IS LOCATED WITHIN THE 1-ON-1 SLOPE FROM THE SHOULDER POINT OR BACK OF CURB TO THE BOTTOM OF ANY EXCAVATION.
- 5. SAFETY REQUIREMENTS SHALL BE CONFORMED TO AND ALL OPERATIONS SHALL BE CONDUCTED SO AS NOT TO DAMAGE, DESTROY, OR ENDANGER THE INTEGRITY OF THE ROADWAY PAVEMENT STRUCTURE. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONDUCTED IN ACCORDANCE WITH MIOSHA SAFETY RULES AND REGULATIONS.
- 6. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO PRIVATE DRIVES AND PUBLIC ALLEYS DURING EVENINGS, WEEKENDS, HOLIDAYS, AND DURING ANY OTHER TIME WHEN NO CONSTRUCTION ACTIVITY IS OCCURRING IN THE IMMEDIATE AREA.
- 7. THE CONTRACTOR SHALL NOT BE PERMITTED TO PERFORM SITE CLEARING AND GRUBBING OUTSIDE OF THE LIMITS INDICATED ON THE DRAWINGS.
- 8. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS AND BURY DEPTHS OF ALL UTILITY CROSSINGS, INCLUDING WATERMAINS, WATER LATERALS, SANITARY SEWERS, SANITARY LATERALS, STORM SEWERS, CULVERTS, UNDERGROUND PHONE LINES, FIBER OPTIC LINES, UNDERGROUND ELECTRIC AND NATURAL GAS LINES. THE LOCATIONS AND DEPTHS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE.
- 9. ALL PRODUCTS TO BE INSTALLED PER MANUFACTURER'S DIRECTIONS.



CITY OF NEGAUNEE 219 W. CASE ST. NEGAUNEE, MI 49866

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ACKSON MINE PAI IMPROVEMENTS

P.E. No.: 54921

Approved: GMM

Checked: GMM

Drawn: ANC

Designed: ANC

GEI Project 2102848

Attention:

If this scale bar does not measure 1 then drawing is not original scale.

1 7/31/2023 ADDENDUM NO 2 GMM
0 3/242022 FOR BID GMM
NO. DATE ISSUE/REVISION APP

SHEET NAME

GENERAL NOTES

SHEET NO.

G-02

PLAYGROUND EQUIPMENT:

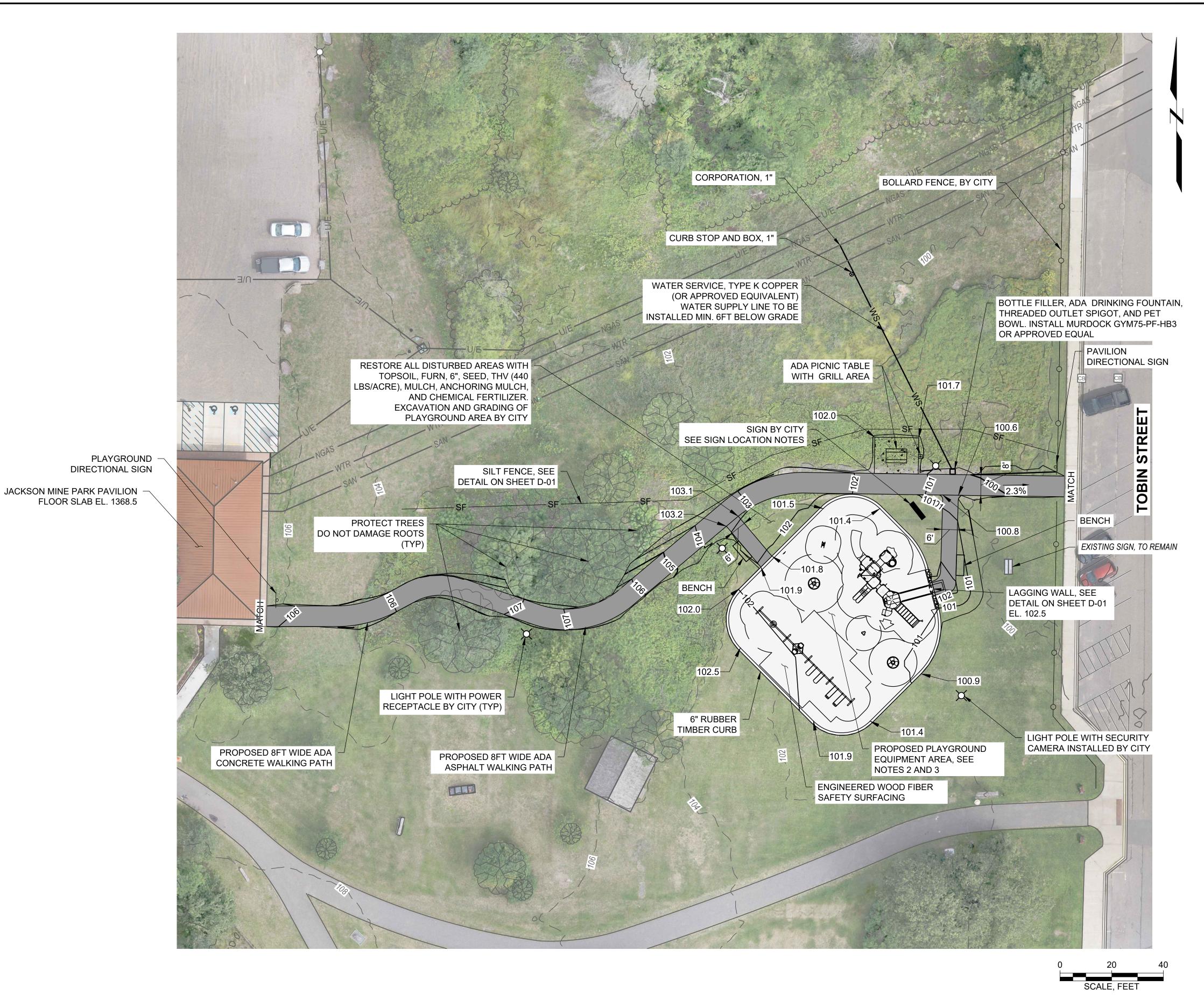
- LANDSCAPE STRUCTURES INC. CUSTOM INCLUSIVE NATURAL PLAY PLAYBOOSTER PLAYGROUND PER DESIGN #1133975-04-01, OR APPROVED EQUAL
- LANDSCAPE STRUCTURES INC. FRIENDSHIP, TIRE, BELT AND TODDLER SWINGS, OR APPROVED EQUAL.
- LANDSCAPE STRUCTURES INC. REVIROCK BOUNCER AND REVIWHEEL SPINNER, OR APPROVED EQUAL.
- LANDSCAPE STRUCTURES INC. CUSTOM MINE CAR SPRING ROCKER, OR APPROVED EQUAL
- LANDSCAPE STRUCTURES INC. CURVA AND SADDLE SPINNERS, OR APPROVED EQUAL.
- LANDSCAPE STRUCTURES INC. CUSTOM NATURAL PLAY PLAYSHAPER PER DESIGN
- #1133975-04-01, OR APPROVED EQUAL. LANDSCAPE STRUCTURES INC. GRFC LOG CRAWL TUNNEL, OR APPROVED EQUAL.
- LANDSCAPE STRUCTURES INC. GFRC LOG BENCHES, OR APPROVED EQUAL.
- DUMOR 290-00 S-2 (BIKE RACK), OR APPROVED EQUAL. MURDOCK GYM 75-PF(DRINKING FOUNTAIN), OR APPROVED EQUAL.
- ANOVA SITE FURNISHINGS F1021D (TRASH CAN), OR APPROVED EQUAL.
- ANOVA SITE FURNISHINGS F1038(PICNIC TABLE), OR APPROVED EQUAL. ANOVA SITE FURNISHINGS F1029(BENCH), OR APPROVED EQUAL.
- PICNIC TABLE AND BENCHES TO BE MANUFACTURED FROM RECYCLED MATERIAL.

EQUIPMENT SHALL BE PER DRAWINGS OR PRIOR APPROVED EQUAL. CONTRACTOR TO PURCHASE AND DELIVER TO SITE, CITY TO INSTALL.

CONTRACTOR TO PREPARE SUBGRADE FOR 1 FOOT DEPTH OF ENGINEERED WOOD FIBER SAFETY SURFACING.

CONTRACTOR TO FURNISH 210 CYDS OF ENGINEERED WOOD FIBER SAFETY SURFACING MEETING ALL CRITERIA SET BY ASTM 1292, CITY TO INSTALL.

ANY MANUFACTURER SEEKING PRIOR APPROVAL MUST SUBMIT A DETAILED WRITTEN LIST OF DEVIATIONS, AND A 2-DIMENSIONAL DRAWING OF THEIR PROPOSED STRUCTURE WHICH INCLUDES THE IPEMA CERTIFICATION AND MANUFACTURER'S STATEMENT THAT PROPOSED EQUIPMENT CONFORMS TO THE ADA ACCESSIBILITY GUIDELINES WITH A BREAKDOWN OF TOTAL ELEVATED COMPONENTS, ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER, AND TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS. MANUFACTURER MUST ALSO SUBMIT ISO CERTIFICATIONS AS STATED ABOVE



SIGN LOCATION NOTES:

- PROVIDE NATIVE LANDSCAPING INCLUDING MINIMUM:
- SERVICEBERRY 5 GAL (1)
- RED OSIER DOGWOOD 3 GAL (2) LITTLE BLUESTEM 1 GAL (6)
- PURPLE CONEFLOWER 1 GAL (12)
- FALSE SUNFLOWER 1 GAL (12)
- . PROVIDE PLANTING PLAN TO OWNER FOR APPROVAL PRIOR TO INSTALLATION
- PROVIDE 6" STONE MULCH OVER GEOTEXTILE FABRIC. PROVIDE MULCH SAMPLE FOR APPROVAL BY OWNER

- ELEVATION CONTOURS ARE DERIVED FROM AERIAL SURVEY WITH EXPECTED ACCURACY OF +/- 1 FOOT. ELEVATIONS GIVEN ARE NOT ABSOLUTE AND ARE RELATIVE TO LOCAL DATUM
- . FOR ITEMIZED LIST OF PLAYGROUND EQUIPMENT SHOWN IN PLAN, REFER TO PROJECT SPECIFICATIONS.
- 8. FOR PLAYGROUND SURFACING MATERIAL, REFER TO PROJECT SPECIFICATIONS.
- 4. ALL WATER SERVICE WORK TO BE COMPLETED BY CITY OF NEGAUNEE.



CITY OF NEGAUNEE 219 W. CASE ST. NEGAUNEE, MI 49866

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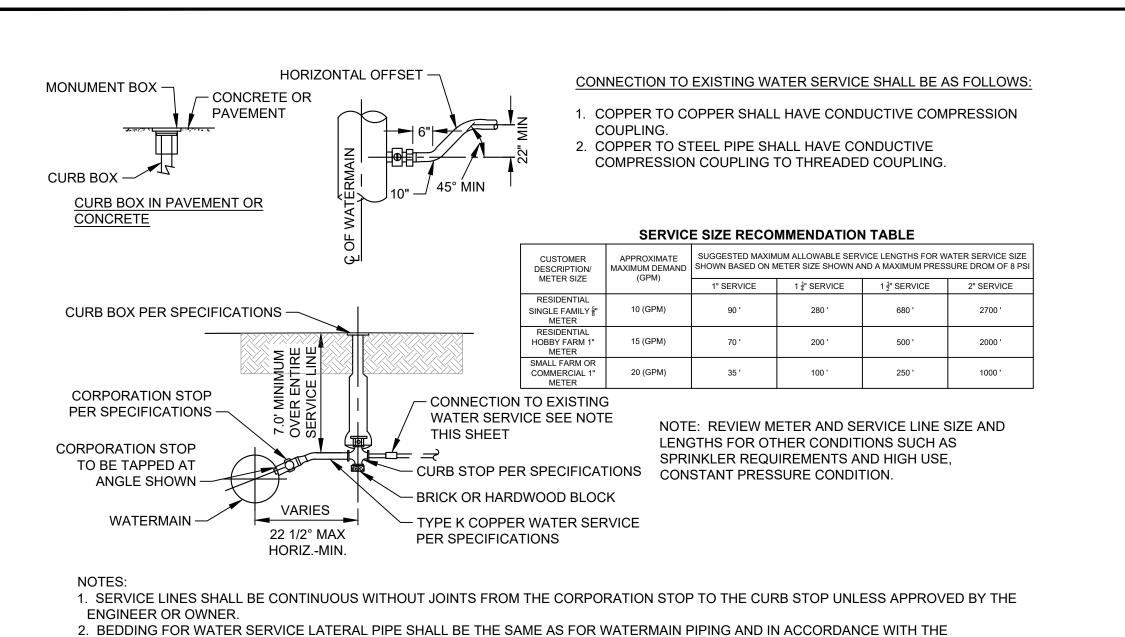
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SHEET NAME

PROPOSED CONDITIONS

SHEET NO.

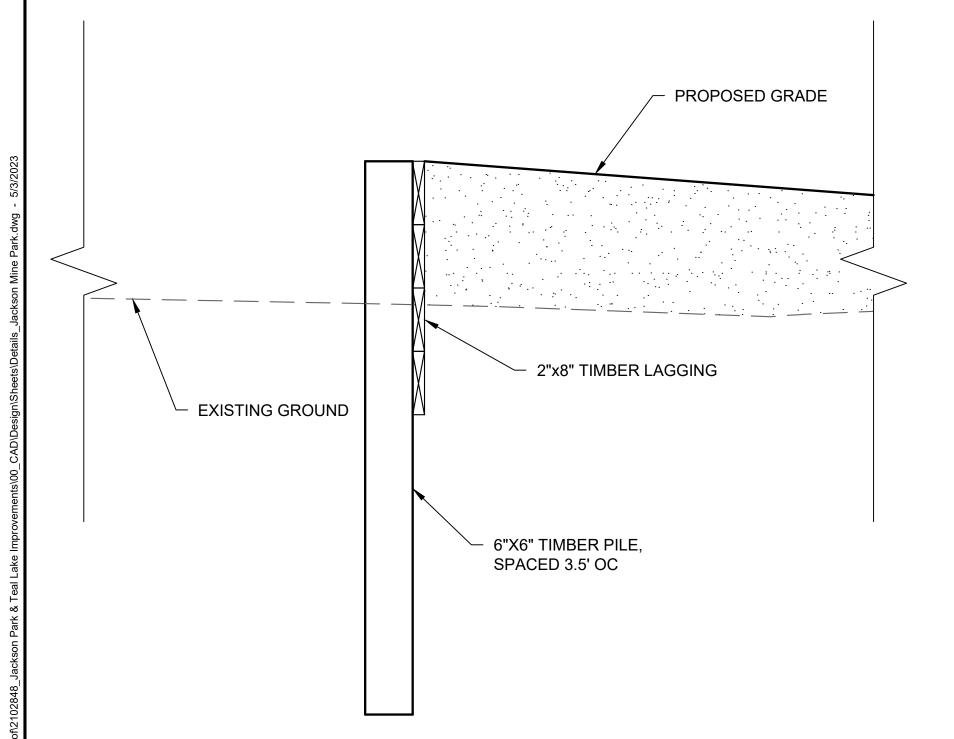


WATER SERVICE CONNECTION

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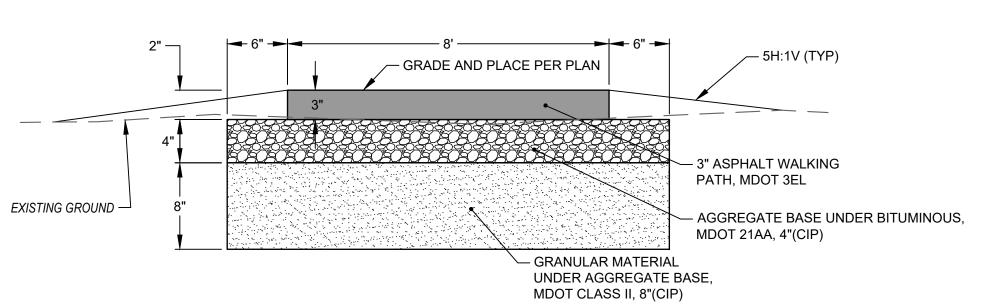
SPECIFICATIONS AND DRAWINGS. 3. SERVICE LINES INSTALLED BENEATH THE ROADWAY SURFACE SHALL BE INSTALLED INSIDE OWNER SUPPLIED CASING PIPE IN ACCORDANCE WITH THE SPECIFICATIONS.

POST (2"x2" NOMINAL) — TO POST SILT FABRIC STAPLED TO POSTS TRENCH MIN MIN COMPACTED BACKFILL — **FLOW** SILT FENCE FABRIC ANCHORED IN TRENCH AND ATTACHED FIRMLY TO POST -SILT FENCE 3



LAGGING WALL

SCALE: NTS

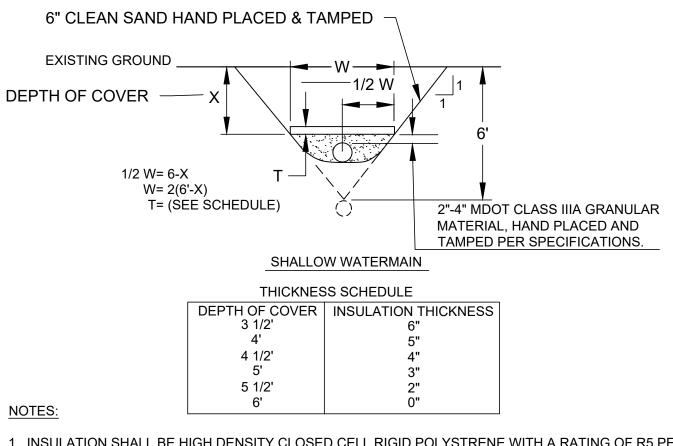


- EXISTING MATERIAL MAY BE SUBSTITUTED FOR SUBBASE PROVIDED IT MEETS SPECIFICATIONS FOR MDOT CLASS II GRANULAR MATERIAL.
- 2. CONTRACTOR MUST SUBMIT ASPHALT MIX DESIGN TO ENGINEER FOR APPROVAL

ITEM	MIX	RATE OF APPLICATION	ESTIMATED THICKNESS	PERFORMANCE GRADE	DESCRIPTION
1	HMA, 3EL	330 LB/SYD	3.0 INCHES	58-34	3.0

PLACE HMA BOND COAT SS-1H; 0.05-0.15 GALLON/SYD AS DIRECTED BY THE ENGINEER BETWEEN HMA AND AGGREGATE BASE (FOR INFORMATION ONLY, INCLUDED WITH PAYMENT FOR HMA MIXTURES) MINIMUM AWI (TOP COURSE ONLY) SHALL BE 220

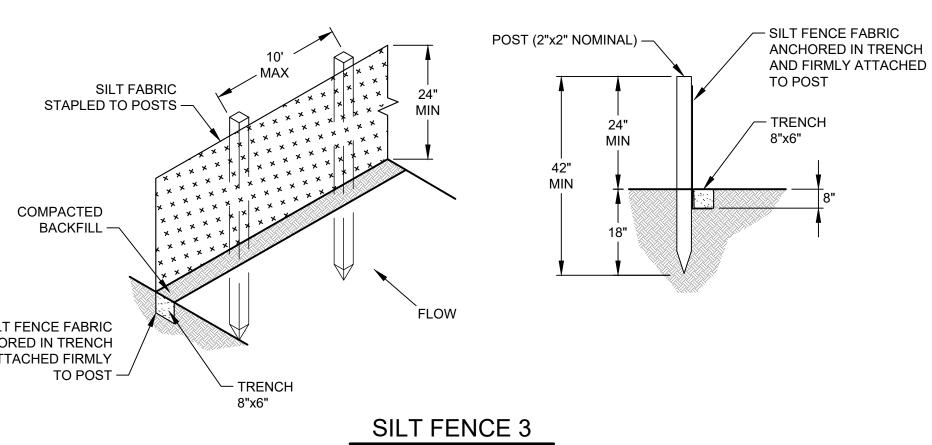
> **ASPHALT WALKING PATH** SCALE: NTS

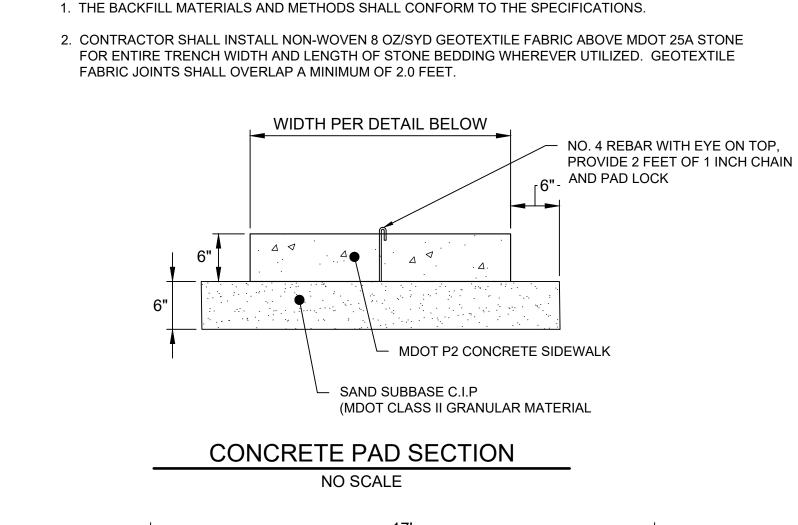


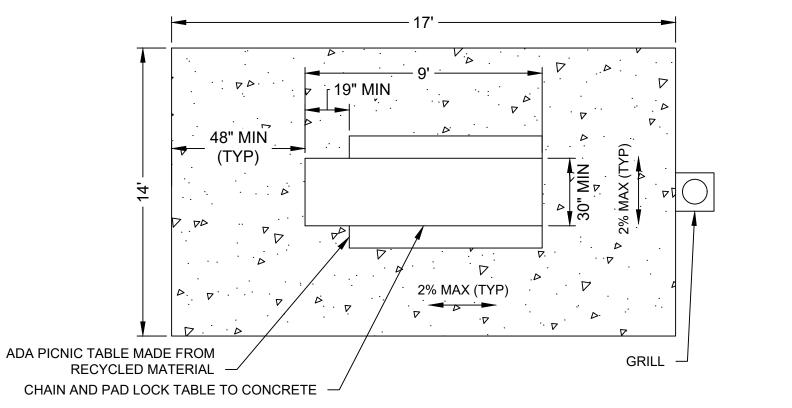
1. INSULATION SHALL BE HIGH DENSITY CLOSED CELL RIGID POLYSTRENE WITH A RATING OF R5 PER INCH OR GREATER.

INSULATION DETAILS

NO SCALE







/D+36" MAXIMUM/

12" MIN.

D

METHOD 2

WHERE NATURAL MATERIAL BENEATH PIPE DOES NOT

MEET MDOT CLASS IIIA SPECIRICATIONS OR WHERE

PIPE BEDDING DETAIL

NO SCALE

NATURAL MATERIAL IS UNDERCUT DURING EXCAVATION TO STABALIZE TRENCH BOTTOM

1/3 Ø PIPE

SHAPE TO FIT BARREL

IN WET CONDITIONS

COARSE AGGREGATE

NOTES:

USE 6" MDOT 25A

CONCRETE PAD PLAN NO SCALE

1. PICNIC TABLE IS REQUIRED TO HAVE A MINIMUM HEIGHT OF 27 INCHES OF KNEE SPACE AND 9 INCHES OF TOE SPACE.

GEI CONSULTANTS OF MICHIGAN, P.O. 109 W. BARAGA AVENUE MARQUETTE, MI 49855 (906)451-4021

TRENCH BACKFILL

PER SPECIFICATIONS

SLOPES AS PER

SPECIFICATIONS

MDOT CLASS IIIA

HAND PLACED AND

COMPACTED MDOT

MATERIAL PER

SPECIFICATIONS

CLASS IIIA GRANULAR

6" MDOT CLASS IIIA GRANULAR

MATERIAL BEDDING BELOW

IN MUCK EXCAVATE TO FIRM

SOIL PER SPECIFICATIONS.

PIPE IN DRY CONDITIONS.

GRANULAR MATERIAL

PER SPECIFICATIONS

MECHANICAL COMPACTION

CITY OF NEGAUNEE 219 W. CASE ST. NEGAUNEE, MI 49866

PARK

IMPROVEMENTS NO O

P.E. No.: 54921 Approved: GMM GMM Checked: ANC Drawn: Designed: ANC GEI Project 2102848 Attention: If this scale bar does not measure 1 then drawing is not original scale.

1 7/31/2023 ADDENDUM NO 2 GMI FOR BID 3/242022 NO. DATE ISSUE/REVISION APP

SHEET NAME

DETAILS

SHEET NO.

D-01