

SAGINAW COUNTY COMMUNITY MENTAL HEALTH AUTHORITY SEPTIC SYSTEM

13429 GERA ROAD
BIRCH RUN, MICHIGAN 48415



SAGINAW COUNTY COMMUNITY MENTAL HEALTH AUTHORITY-SEPTIC SYSTEM
13429 S. GERA ROAD
BIRCH RUN, MICHIGAN 48415

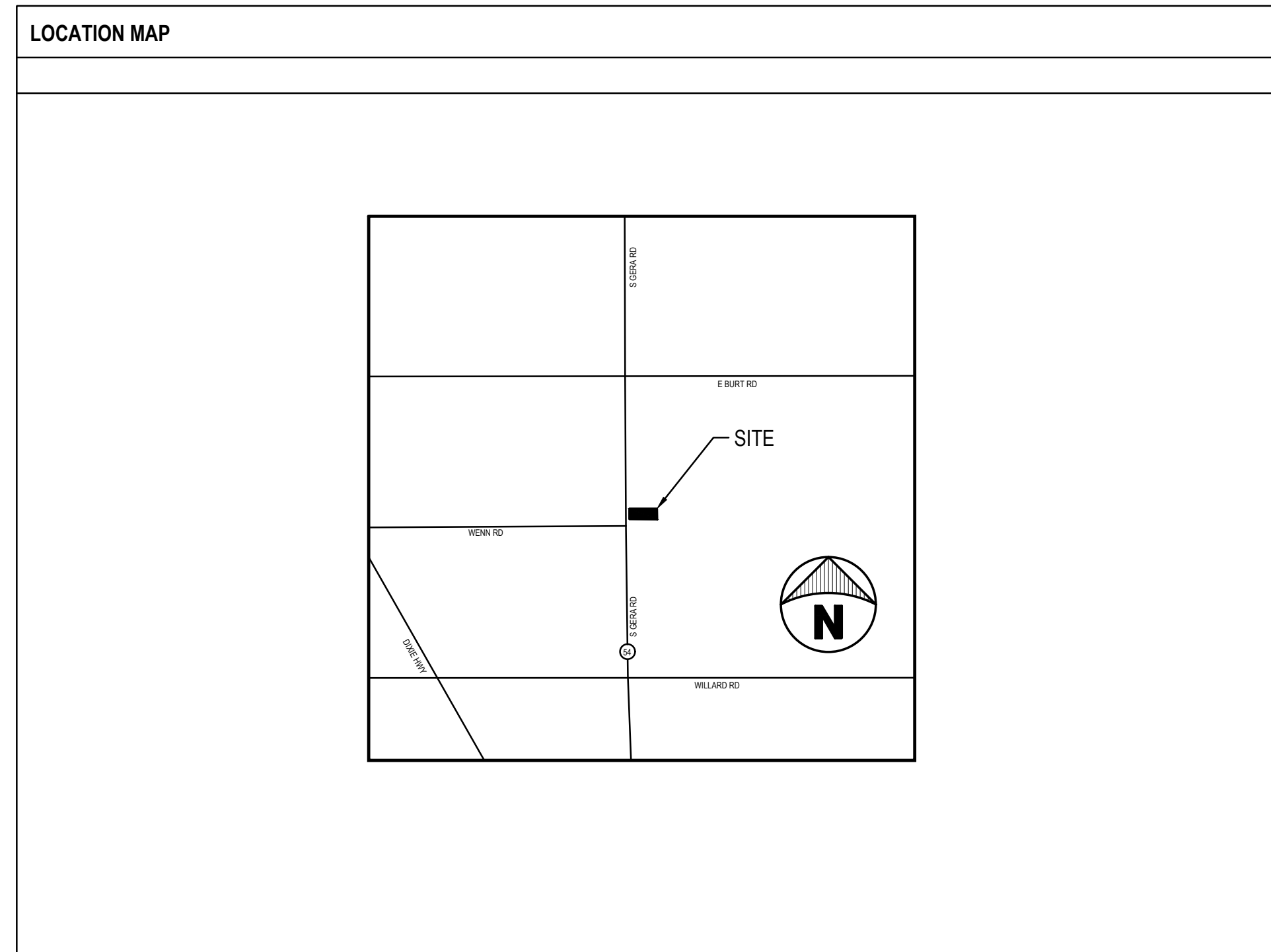
TITLE SHEET

DATE	05-14-26
STATUS / REVISIONS	ISSUED FOR BIDS
NO.	
CHECK'D BY:	J. WHEELER
DES'D BY:	B. KULHANEK
DRAWN BY:	B. KULHANEK
PROJ #:	26-0614-0074
SHEET	TS

PRINTED: 5/4/2026 3:30:54 PM

SHEET INDEX		
NUMBER	TITLE	
TS	TITLE SHEET	X
C1.0	TOPOGRAPHIC SURVEY AND EXISTING SITE PLAN	X
C2.0	SITE DEMOLITION PLAN	X
C3.0	PROPOSED SITE PLAN	X
C4.0	PROPOSED SITE GRADING PLAN	X
C5.0	PROPOSED SITE UTILITY PLAN	X
C6.0	PROPOSED SITE DETAILS	X
E2.0	ELECTRICAL SITE PLAN	X

05-14-26 ISSUED FOR BIDS



CONTACT INFORMATION

OWNER / CLIENT: SAGINAW COUNTY COMMUNITY MENTAL HEALTH AUTHORITY
500 HANCOCK STREET
SAGINAW, MICHIGAN 48602

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CHIEF OF NETWORK BUSINESS OPERATIONS
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WAK
WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

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PROJECT MANAGER
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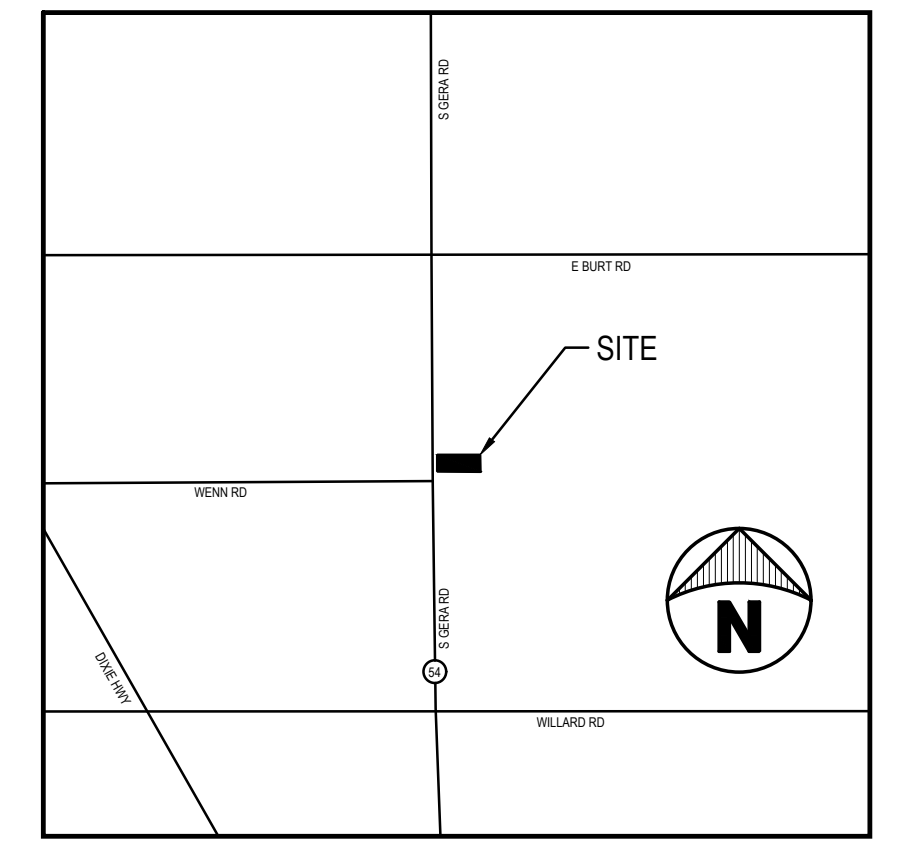
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CODE AUTHORITY: SAGINAW COUNTY HEALTH DEPARTMENT
1699 N. MICHIGAN AVE.
SAGINAW, MICHIGAN 48602
989-758-3830

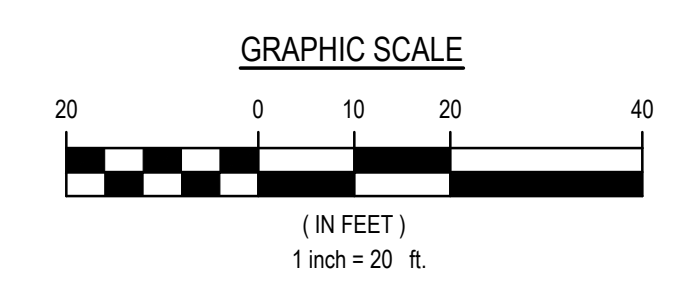
811
Know what's below.
Call before you dig.



DATE	05-04-26
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CHECK'D BY:	J. WHEELER
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SHEET	C1.0



LOCATION MAP
NOT TO SCALE



- LEGEND**
- EX. SPOT GRADE
 - EX. MINOR CONTOUR
 - EX. MAJOR CONTOUR
 - EX. CENTERLINE DITCH
 - EX. CHAINLINK FENCE
 - EX. BUILDINGS
 - EX. BITUMINOUS PAVEMENT
 - EX. CONCRETE PAVEMENT
 - EX. STEEL POST/BOLLARD
 - EX. SANITARY MANHOLE
 - EX. UTILITY POLE
 - EX. SEWER CLEANOUT
 - EX. WATER WELL
 - EX. UTILITY RISER
 - EX. MAILBOX
 - EX. AIR CONDITIONER
 - EX. ELECTRICAL METER/OUTLET
 - EX. GAS METER

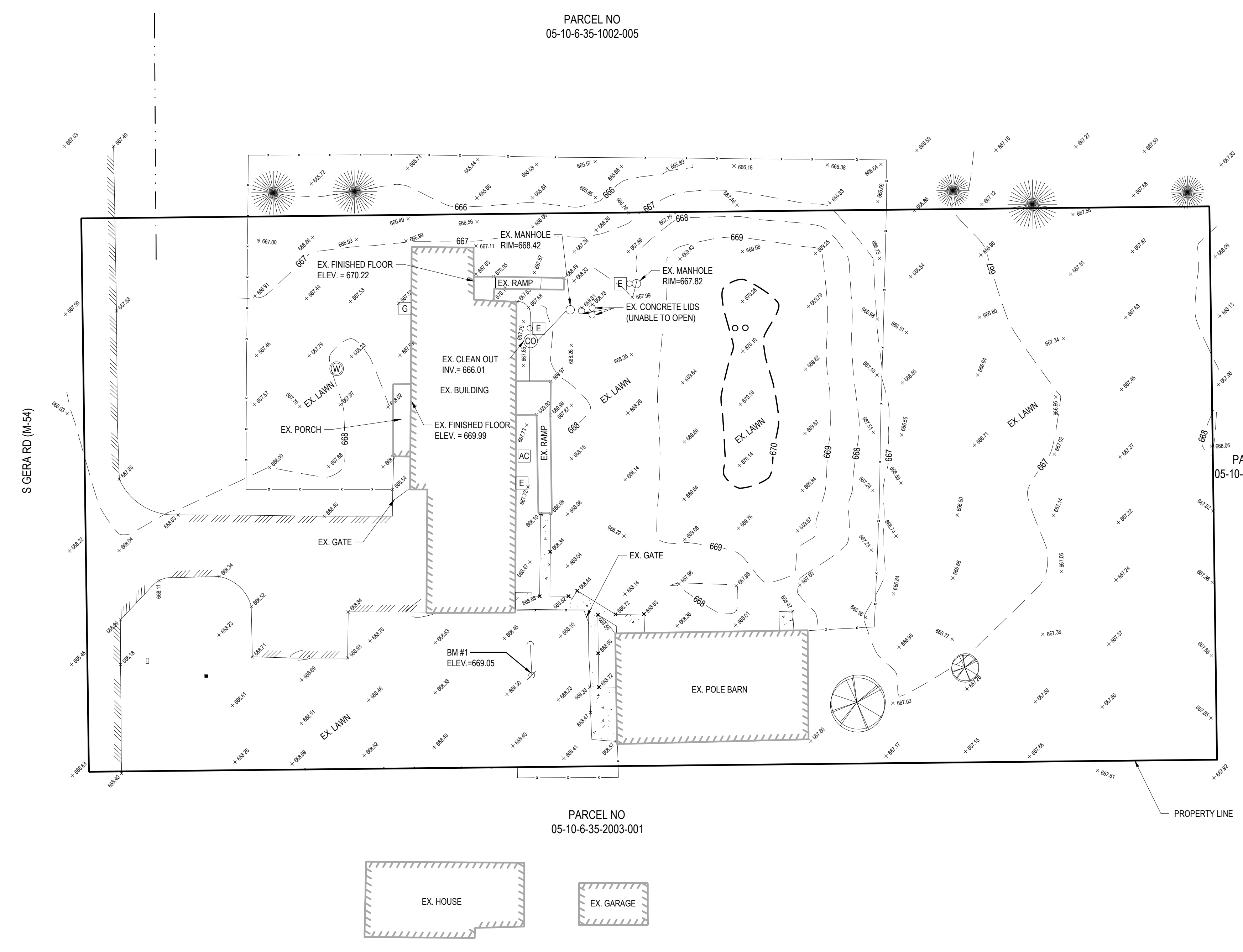
OWNER
SAGINAW COUNTY MENTAL HEALTH AUTHORITY
500 HANCOCK ST
SAGINAW, MI 48602

BENCHMARK
NO. 1 - SPIKE IN THE NORTH FACE OF UTILITY POLE OFF THE SOUTHEAST CORNER OF BUILDING
ELEVATION = 669.05 (NAVD 88 DATUM)

UTILITY NOTE
THE UTILITY LOCATIONS AS HEREIN SHOWN ARE BASED ON FIELD OBSERVATIONS AND A CAREFUL REVIEW OF MUNICIPAL AND UTILITY RECORDS. HOWEVER, IT IS NOT POSSIBLE TO DETERMINE THE PRECISE SIZE, LOCATION, DEPTH, PRESSURE, OR ANY OTHER CHARACTERISTICS OF UNDERGROUND UTILITIES, TANKS OR SEPTIC FIELDS WITHOUT EXCAVATION. THEREFORE, WE CANNOT GUARANTEE THE ACCURACY OF COMPLETENESS OF THE BURIED UTILITY INFORMATION HEREIN SHOWN. THE CONTRACTOR SHALL CALL "MISS DIG" AT (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO ANY EXCAVATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION AND MAKE EVERY EFFORT TO PROTECT AND/OR RELOCATE THEM AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DESIGN AS SOON AS POSSIBLE IN THE EVENT A DISCREPANCY IS FOUND.

LEGAL DESCRIPTION PER WARRANTY DEED L. 2240 P. 103
THE NORTH 162 FEET OF THE SOUTH 312 FEET OF THE WEST 330 FEET OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 35, TOWN 10 NORTH, RANGE 6 EAST, SUBJECT TO EASEMENTS, RESTRICTIONS AND MINERAL RIGHTS OF RECORD OR IN COMMON USE

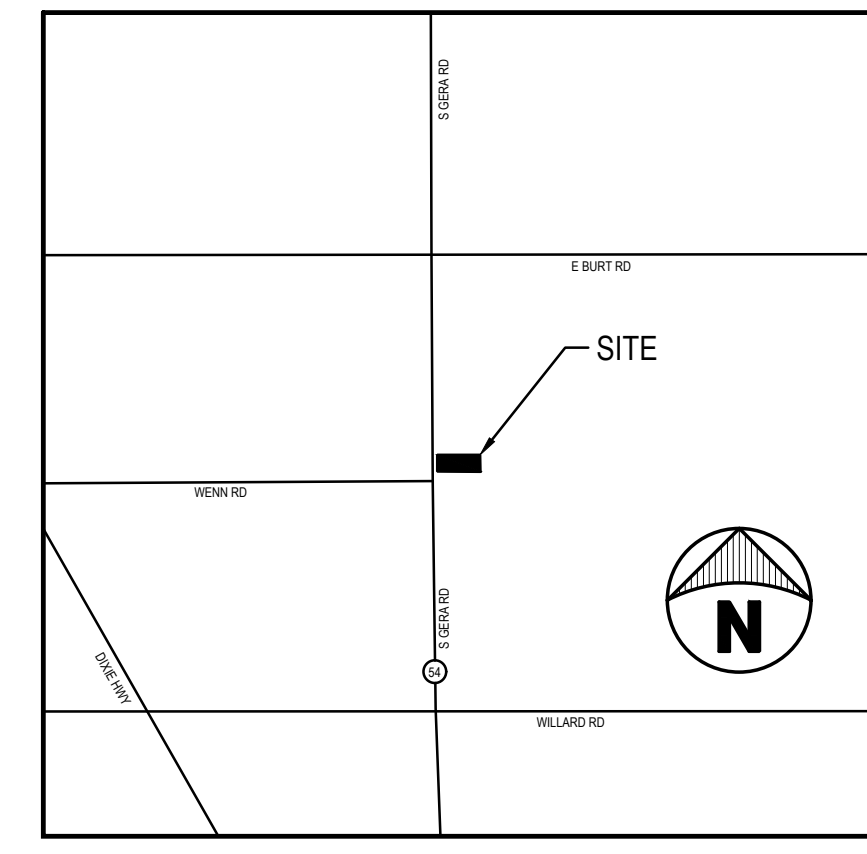
FLOODPLAIN
THE PARCEL DOES NOT FALL WITHIN ANY FLOOD HAZARD ZONES PER FEMA MAP 26145C0550E, EFFECTIVE AUGUST 15, 2023



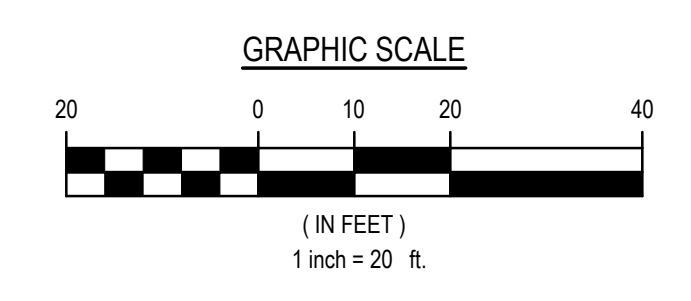
EXISTING SITE PLAN AND TOPOGRAPHIC SURVEY
SCALE: 1"=20'



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PROJ #:	26-0614-0074
SHEET	C2.0



LOCATION MAP
NOT TO SCALE



LEGEND

- EX. SPOT GRADE
- EX. MINOR CONTOUR
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- EX. GAS METER

OWNER
SAGINAW COUNTY MENTAL HEALTH AUTHORITY
500 HANCOCK ST
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BENCHMARK
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ELEVATION = 669.05 (NAVD 88 DATUM)

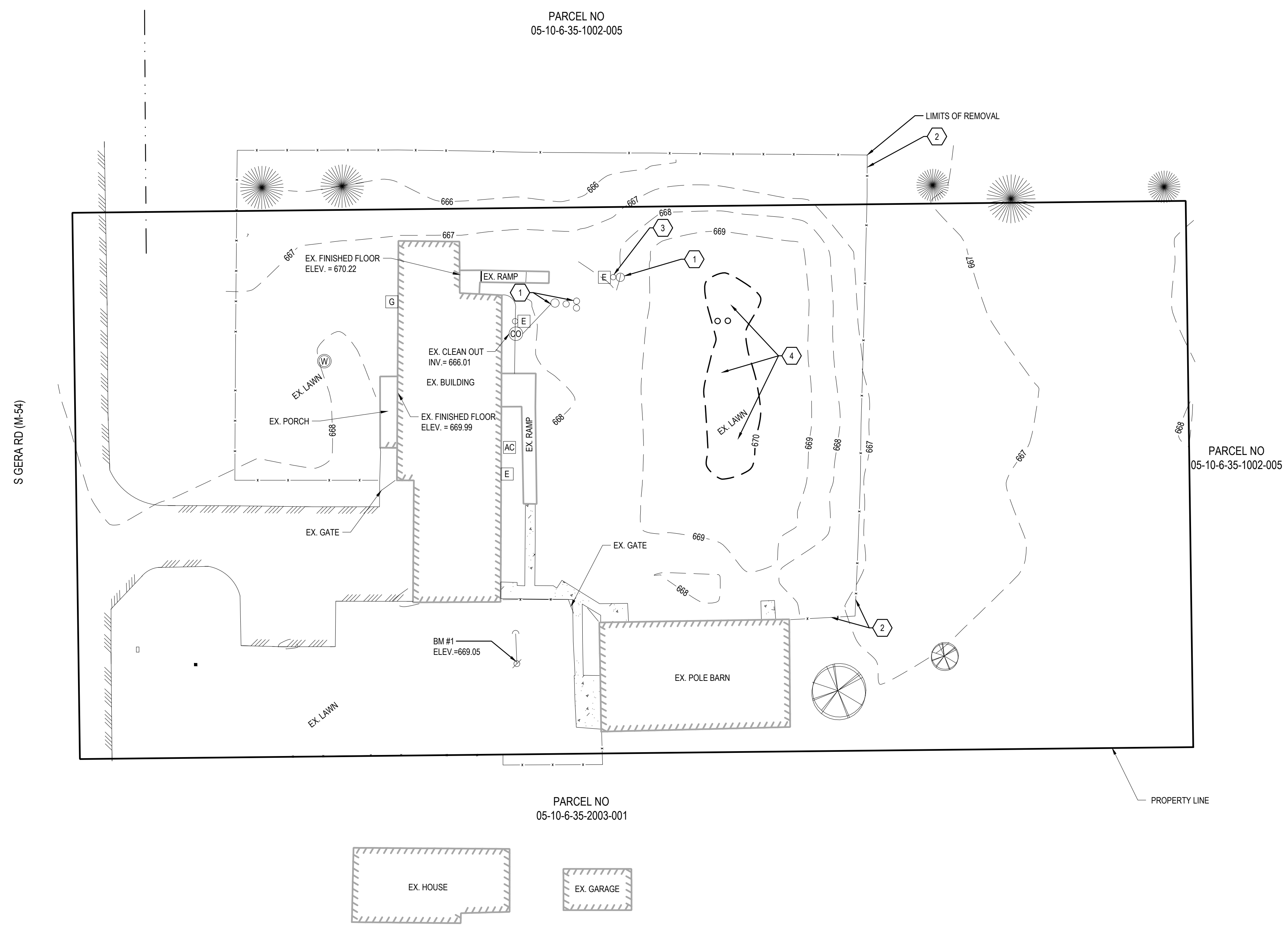
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LEGAL DESCRIPTION PER WARRANTY DEED L. 2240 P. 103
THE NORTH 162 FEET OF THE SOUTH 312 FEET OF THE WEST 330 FEET OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 35, TOWN 10 NORTH, RANGE 6 EAST, SUBJECT TO EASEMENTS, RESTRICTIONS AND MINERAL RIGHTS OF RECORD OR IN COMMON USE

FLOODPLAIN
THE PARCEL DOES NOT FALL WITHIN ANY FLOOD HAZARD ZONES PER FEMA MAP 26145C0550E, EFFECTIVE AUGUST 15, 2023

- DEMOLITION NOTES:**
- ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES. ALL DEMOLITION OPERATIONS SHALL COMPLY WITH MICHIGAN REGULATIONS INsofar AS THEY APPLY TO THE REQUIRED WORK. A SOIL EROSION CONTROL PLAN WILL BE REQUIRED PRIOR TO DEMOLITION.
 - THE CONTRACTOR SHALL REMOVE AND CLEAR ALL TREES, BRUSH, FENCES, AND PAVEMENT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
 - ALL DEMOLITION MATERIAL SHALL BE PROPERLY REMOVED FROM THE SITE AND DISPOSED OF IN A LEGALLY DESIGNATED DISPOSAL AREA. NO ON-SITE BURNING WILL BE PERMITTED. PERMITS AND FEES FOR DISPOSAL OF DEMOLITION MATERIAL SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
 - BACKFILL EXCAVATED AREAS WITH CLEAN GRANULAR FILL COMPACTED TO 95% DENSITY IN 12" LIFTS.
 - AT THE CONCLUSION OF THE DEMOLITION OPERATIONS, THE ENTIRE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION WITH ANY PROTECTIVE DEVICES AND BARRIERS REMOVED. ALL EXPOSED AREAS SHALL BE SUITABLE TOP SOILED, SEEDED AND A SOIL EROSION CONTROL BLANKET PLACED.
 - CONTRACTOR TO VERIFY ALL UTILITIES WITHIN CONSTRUCTION INFLUENCE. NOTIFY ENGINEER OF ANY CONFLICTS.
 - CONTRACTOR SHALL COORDINATE WITH ALL LOCAL UTILITY OWNERS, IE: CONSUMERS ENERGY AND ALL OTHERS THAT WOULD APPLY TO THE DISTURBED AREA OF CONSTRUCTION.
 - CONTRACTOR SHALL VERIFY CONSTRUCTION SCHEDULING AND NOTES ON EACH SHEET PRIOR TO DEMOLITION. DEMOLITION TO BE SCHEDULED WITH OWNER AND ENGINEER.
 - CONTRACTOR TO VERIFY ALL SPRINKLER SYSTEM APPURTENANCES WITHIN PROPOSED NEW CONSTRUCTION AREAS. IF APPLICABLE, CONTRACTOR SHALL REMOVE AND RELOCATE PER THE SPRINKLER MANUFACTURER'S SPECIFICATIONS AND PER OWNER.

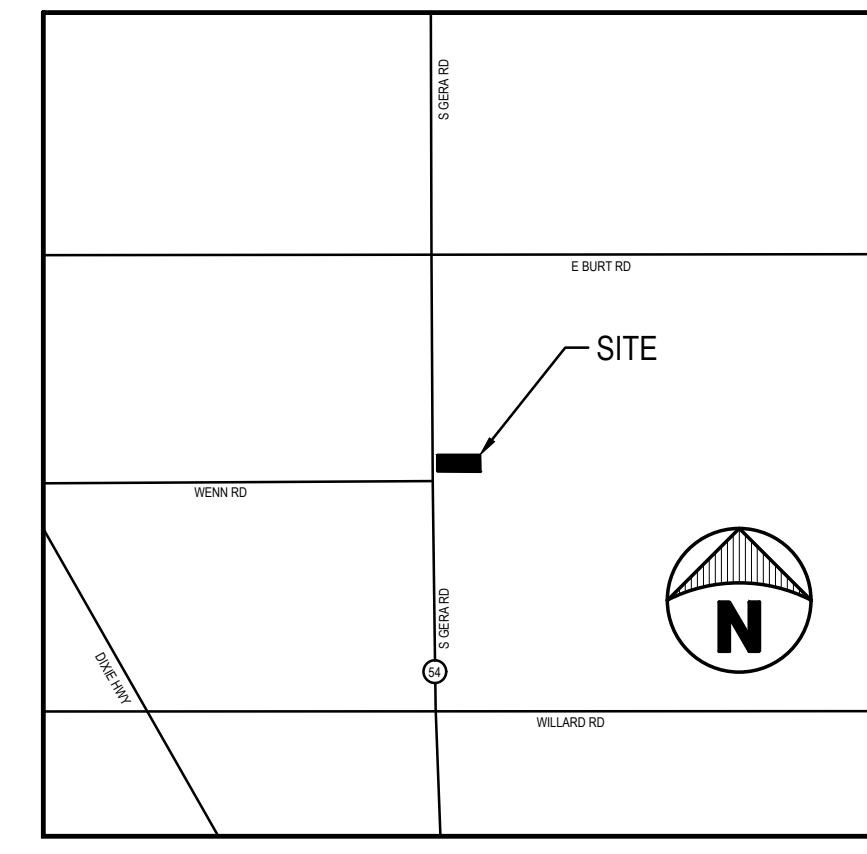
- DEMOLITION KEYED NOTES:**
- REMOVE EXISTING CONCRETE SEPTIC TANKS, LIDS, RISERS, AND PUMPS. PROVIDE ENGINEERING FILL COMPACTED IN PLACE MATERIAL.
 - REMOVE EXISTING FENCE. PLACE TO SIDE FOR POSSIBLE LATER USE BY OWNER.
 - REMOVE EXISTING POST AND CONTROLLER EQUIPMENT. CAP EXISTING ELECTRICAL FEED TO CONTROLLER AND PUMPS. SEE ELECTRICAL FOR DETAILS.
 - REMOVE EXISTING SEPTIC FIELD AND MOUND.



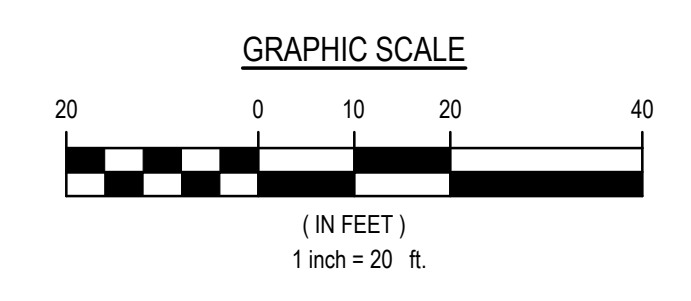
SITE DEMOLITION PLAN
SCALE: 1"=20'



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CHECKD BY:	J. WHEELER
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PROJ #	26-0614-0074
SHEET	C3.0



LOCATION MAP
NOT TO SCALE



LEGEND

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- EX. GAS METER
- PROP. STORM CATCH BASIN
- PROP. STORM SEWER
- PROP. CENTERLINE DITCH
- PROP. SANITARY SEWER
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. WOOD POST

OWNER
SAGINAW COUNTY MENTAL HEALTH AUTHORITY
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BENCHMARK
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ELEVATION = 669.05 (NAVD 88 DATUM)

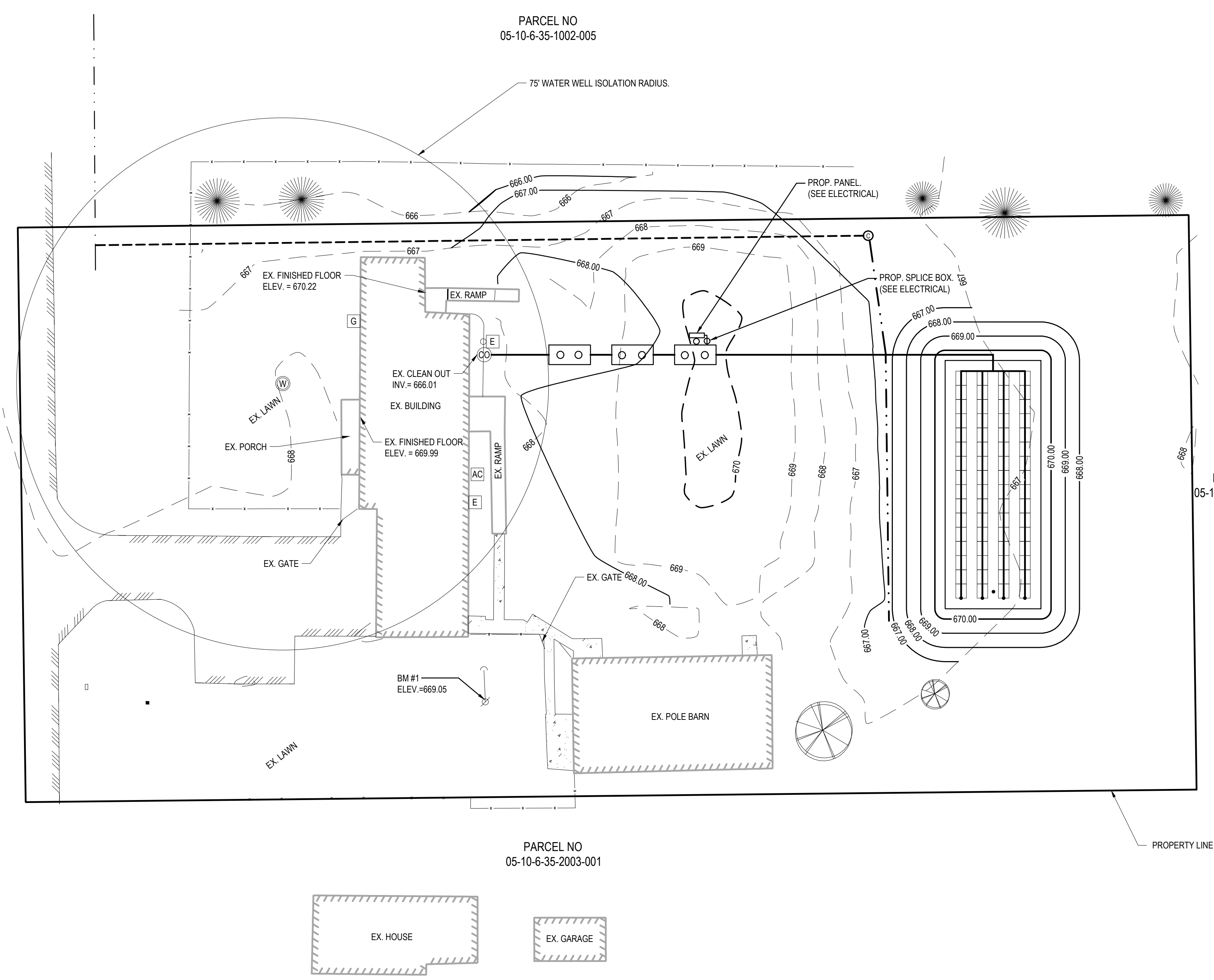
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FLOODPLAIN
THE PARCEL DOES NOT FALL WITHIN ANY FLOOD HAZARD ZONES PER FEMA MAP 26145C0550E, EFFECTIVE AUGUST 15, 2023

GENERAL SITE NOTES:

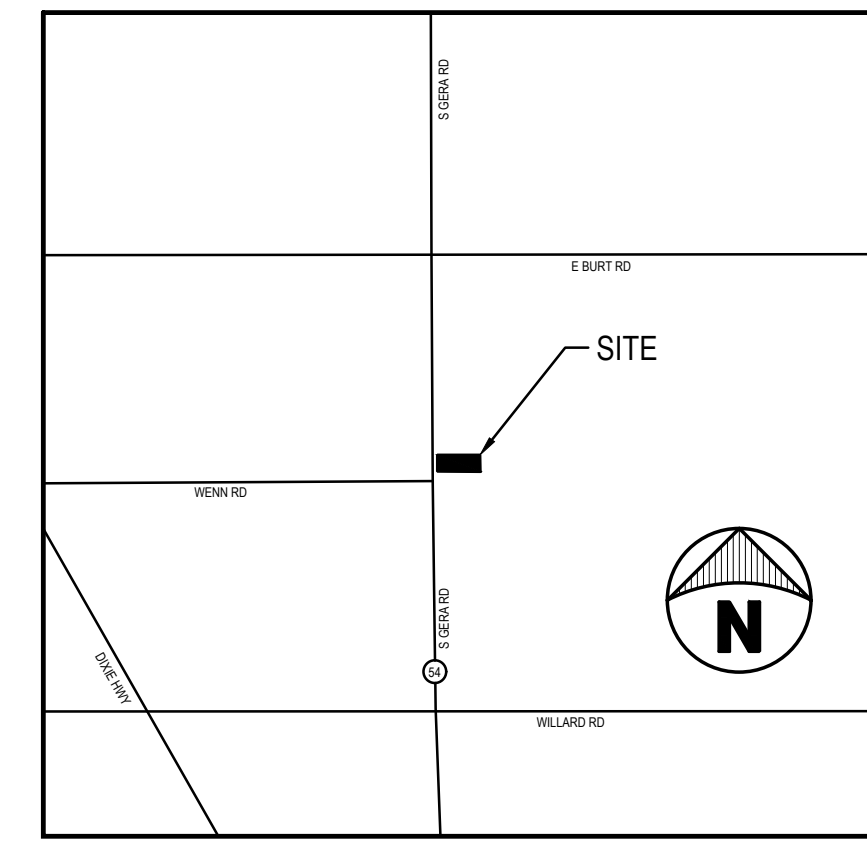
- THE CONTRACTOR SHALL CALL "MISS DIG", 811, A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING ON THE PROJECT TO VERIFY EXISTING UNDERGROUND UTILITIES.
- THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DRAWN IN ACCORDANCE TO THE INFORMATION PROVIDED. ALL UTILITIES SHALL BE FIELD LOCATED BY THE CONTRACTOR PRIOR TO CROSSING. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- DURING THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL CONFORM TO ACT No. 451, PUBLIC ACTS OF 1994, RELATIVE TO THE SOIL EROSION AND SEDIMENTATION CONTROL ACT.
- CLEANUP SHALL INCLUDE DEBRIS REMOVAL, ROUGH GRADING, MINIMUM 4" TOPSOIL PLACEMENT, SEEDING, AND FERTILIZING OVER ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS.
- CONTRACTOR TO SUPPLY ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL COSTS FOR LOCATING, REMOVING, REPLACING OR RELOCATING THESE UTILITIES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL NOTIFY PROPER GOVERNMENTAL INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE ALL WORK IN AN EXPEDITIOUS MANNER AND SHALL NOT STOP CONSTRUCTION FOR EXTENDED PERIODS ONCE CONSTRUCTION HAS BEGUN.
- THE CONTRACTOR SHALL MAINTAIN IN SERVICE, ALL EXISTING WATER OR STORM SEWER SERVICE CONNECTIONS WHENEVER POSSIBLE. COORDINATE WITH LOCAL UTILITY COMPANY AND OWNER BEFORE ANY UTILITIES TO BE OUT OF SERVICE FOR A PERIOD OF TIME.
- CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.



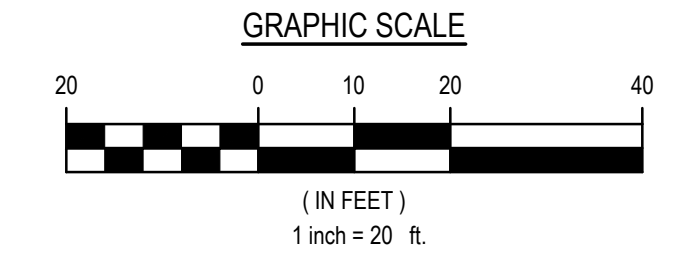
PROPOSED SITE PLAN
SCALE: 1"=20'



DATE	05-14-26
STATUS / REVISIONS	ISSUED FOR BIDS
NO.	
CHECKD BY:	J. WHEELER
DES'D BY:	B. KULHANEK
DRAWN BY:	B. KULHANEK
PROJ #:	26-0614-0074
SHEET	C4.0



LOCATION MAP
NOT TO SCALE



LEGEND

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SAGINAW COUNTY MENTAL HEALTH AUTHORITY
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SAGINAW, MI 48602

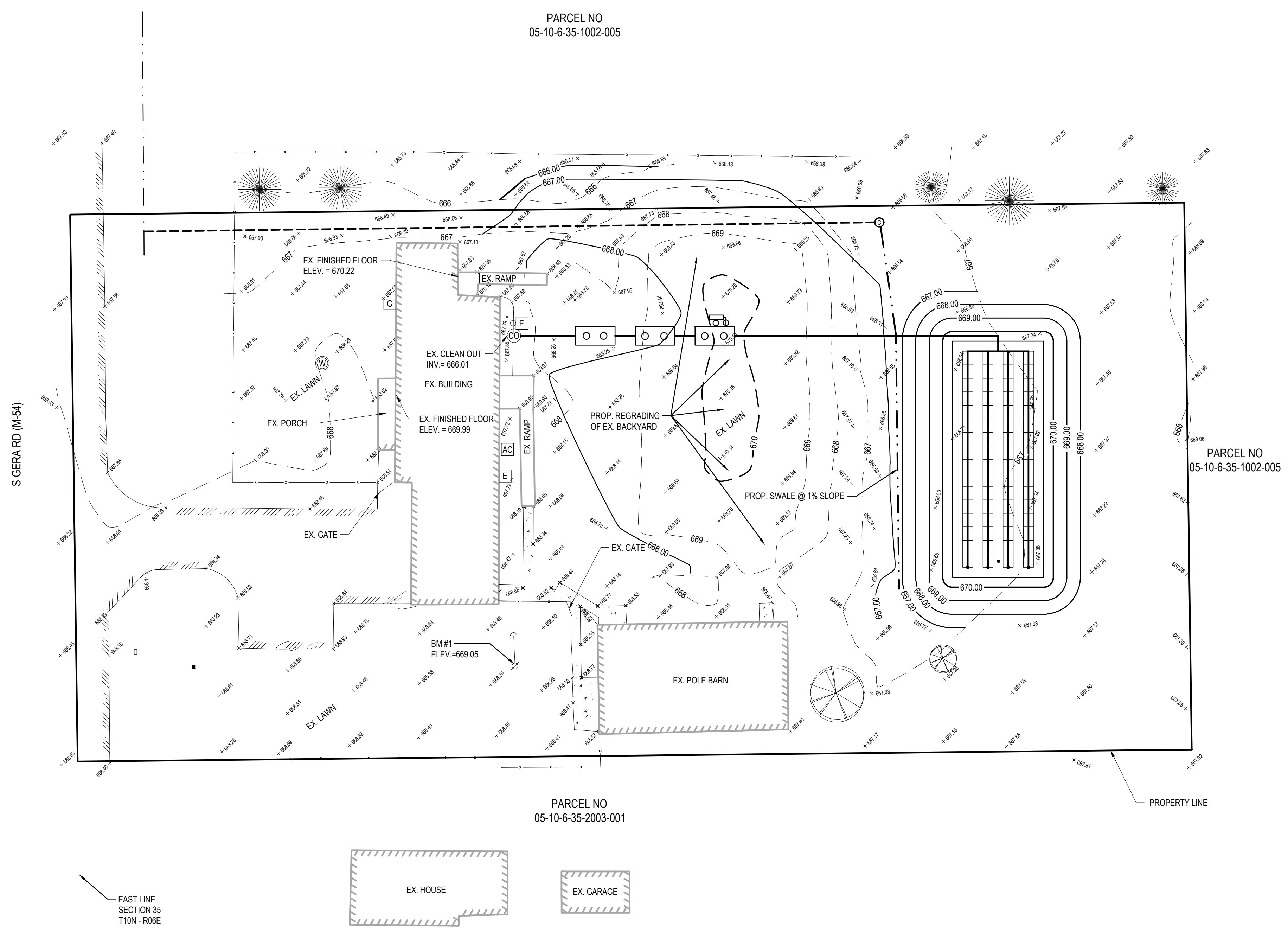
BENCHMARK
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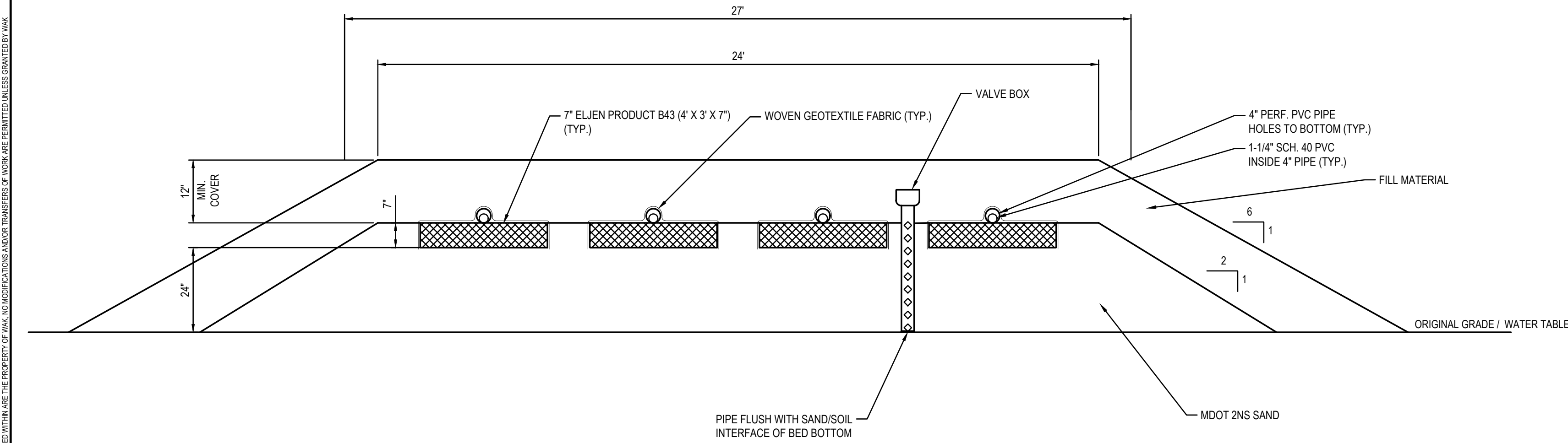
FLOODPLAIN
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- GENERAL GRADING NOTES:**
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 - DURING THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL CONFORM TO ACT No. 451, PUBLIC ACTS OF 1994, RELATIVE TO THE SOIL EROSION AND SEDIMENTATION CONTROL ACT.
 - ALL UTILITY WORK SHALL CONFORM TO THE LATEST LOCAL MUNICIPALITY'S STANDARD SPECIFICATIONS AND DETAILS.
 - SAND FILL UNDER FLOOR SLABS SHALL BE MDOT CL II GRANULAR BACKFILL. SAND SHALL BE SPREAD IN UNIFORM LAYERS NOT TO EXCEED 6" THICK BEFORE COMPACTION. EACH LAYER SHALL BE THOROUGHLY COMPACTED WITH A VIBRATING COMPACTOR AFTER EACH LAYER IS PLACED. FILL SAND SHALL NOT HAVE A MOISTURE CONTENT GREATER THAN 15%. COMPACTION SHALL MEET 95% OF MAXIMUM UNIT WEIGHT AS DETERMINED BY THE MODIFIED PROCTOR TEST.
 - REMOVE EXISTING TOP SOIL FROM AREAS TO BE PAVED AND REPLACE WITH SUITABLE COMPACTED FILL. FILL MATERIAL SHALL BE COMPACTED SAND BACKFILL CLASS II GRANULAR.
 - BACKFILL ALL TRENCHES UNDER SLABS, WALKS AND PAVED AREAS WITH COMPACTED SAND BACKFILL MDOT CL II. COMPACTION SHALL BE 95% MAXIMUM UNIT WEIGHT AS DETERMINED BY MODIFIED PROCTOR.
 - THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL REGULATIONS FOR WORK AT THE SITE. THIS SHALL INCLUDE MIOSHA REGULATIONS.
 - THE CONTRACTOR/DEVELOPER SHALL PAY FOR AND OBTAIN ALL BUILDING PERMITS, LOCAL PERMITS AND PAY ALL CHARGES FOR ANY INSPECTION AND TESTING.
 - THE CONTRACTOR SHALL CONTROL NOISE. CARRY OUT A PROGRAM OF DUST CONTROL AND SHALL ALLOW NO ON-SITE BURNING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE PREMISES AND UPON COMPLETION OF THE PROJECT LEAVE THE SITE IN AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER OR THE OWNER.

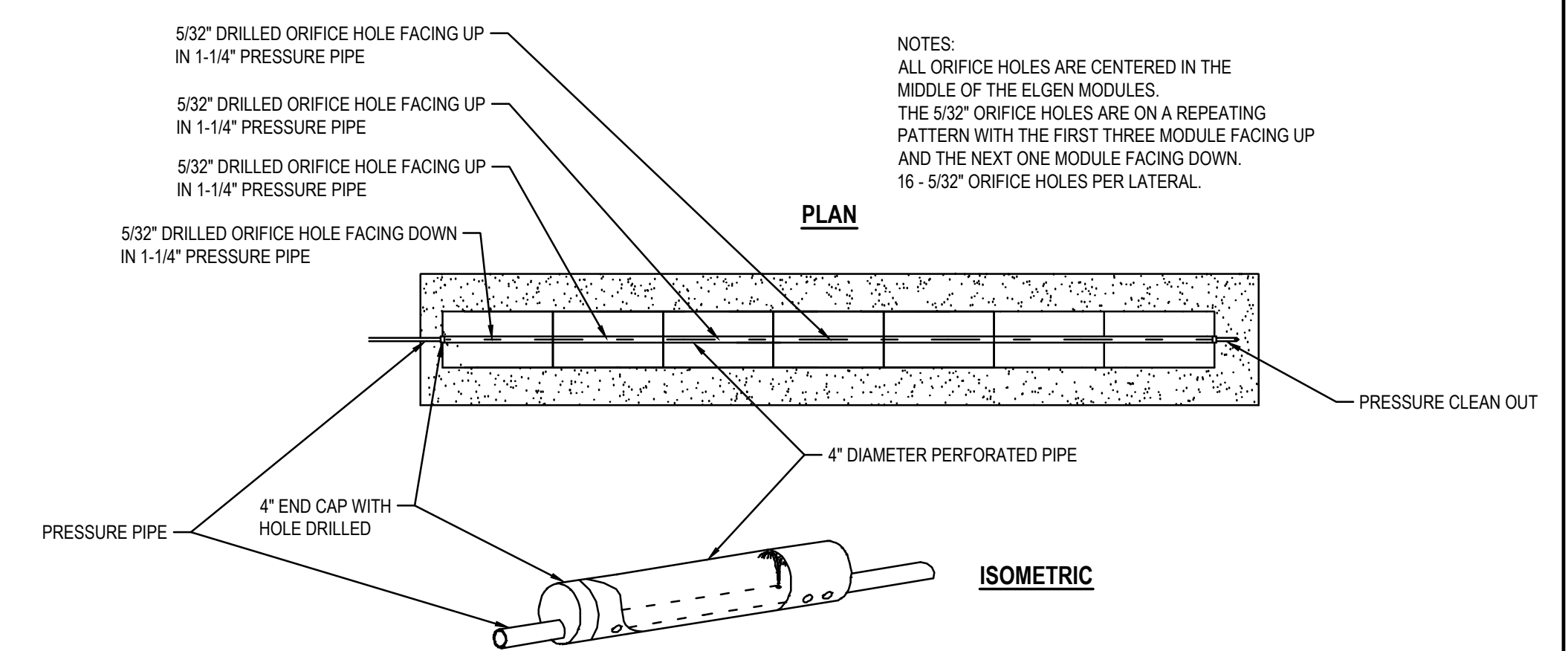


PROPOSED SITE GRADING PLAN
SCALE: 1"=20'

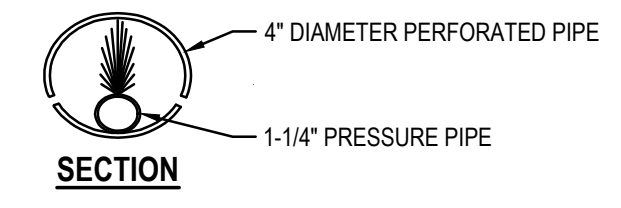




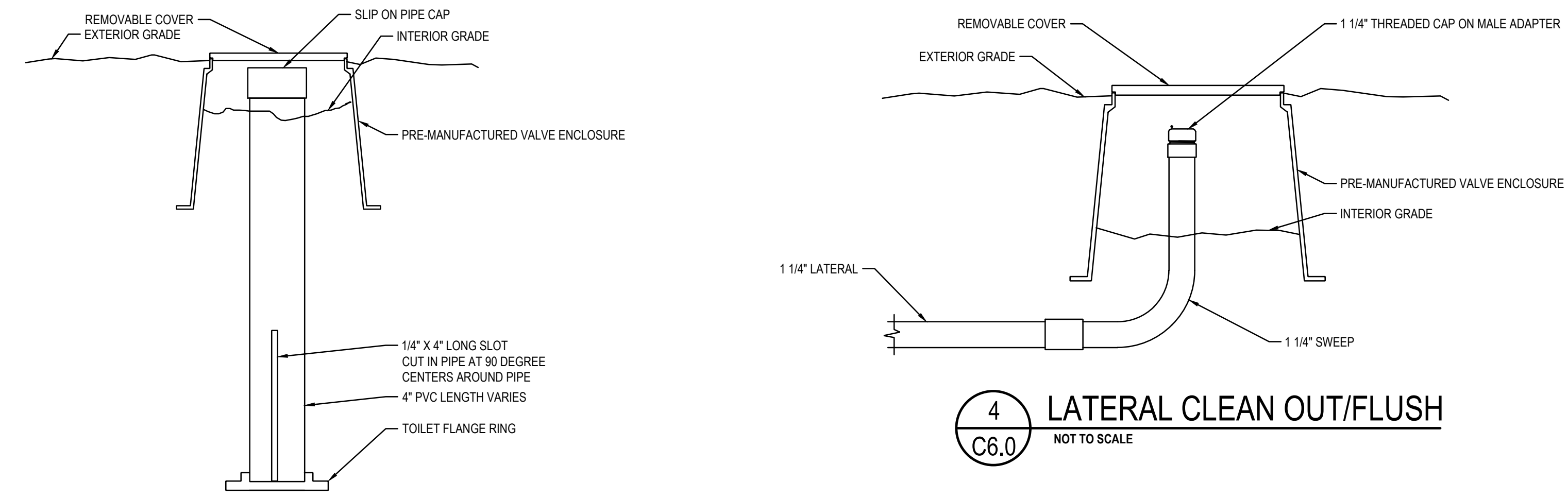
1 ELJEN GSF 4 LATERAL ABSORPTION FIELD DETAIL
C6.0 NOT TO SCALE



PRESSURE PIPE CROSS SECTION FOR ALL APPLICATIONS



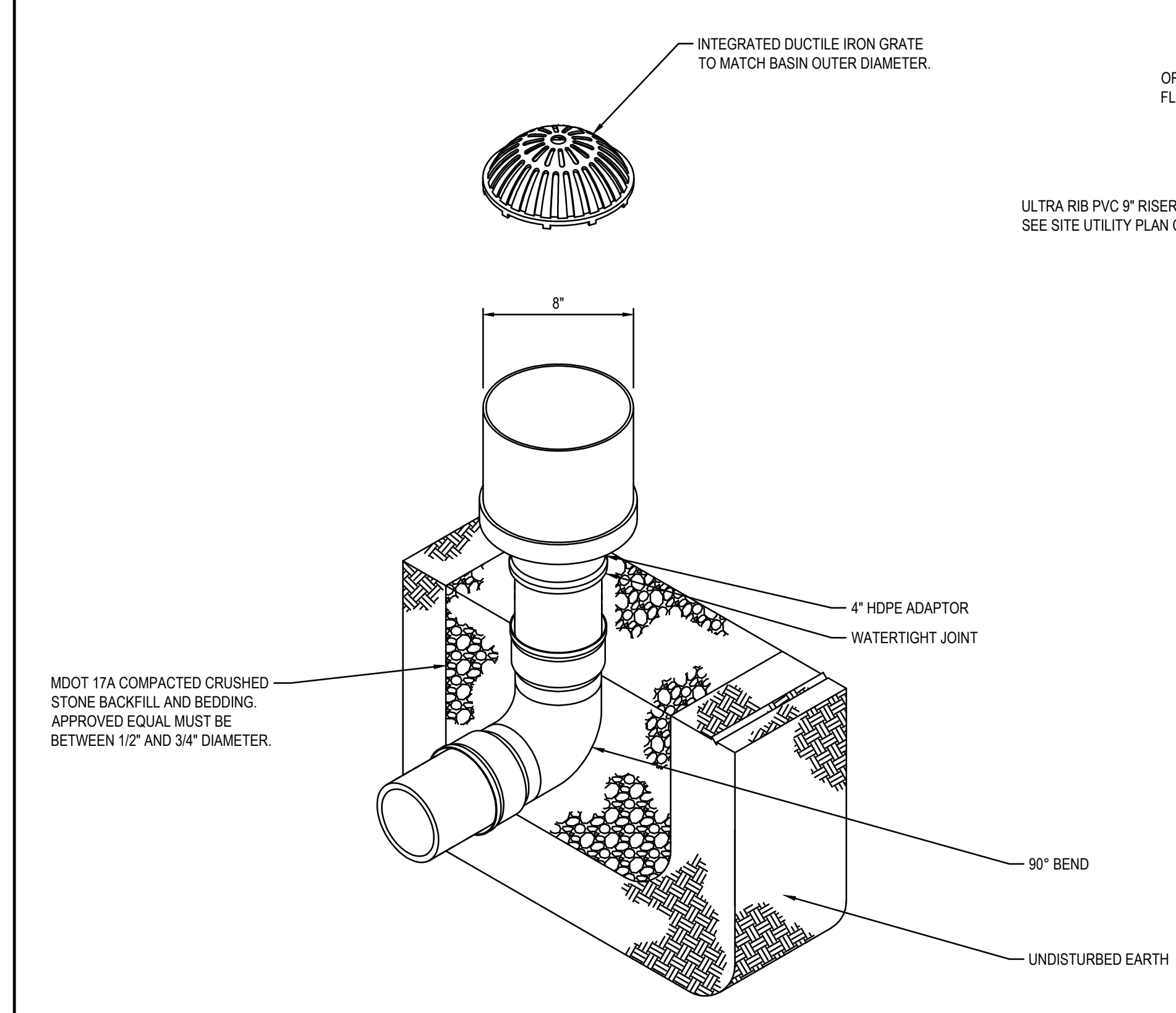
2 PRESSURE PIPE DETAIL
C6.0 NOT TO SCALE



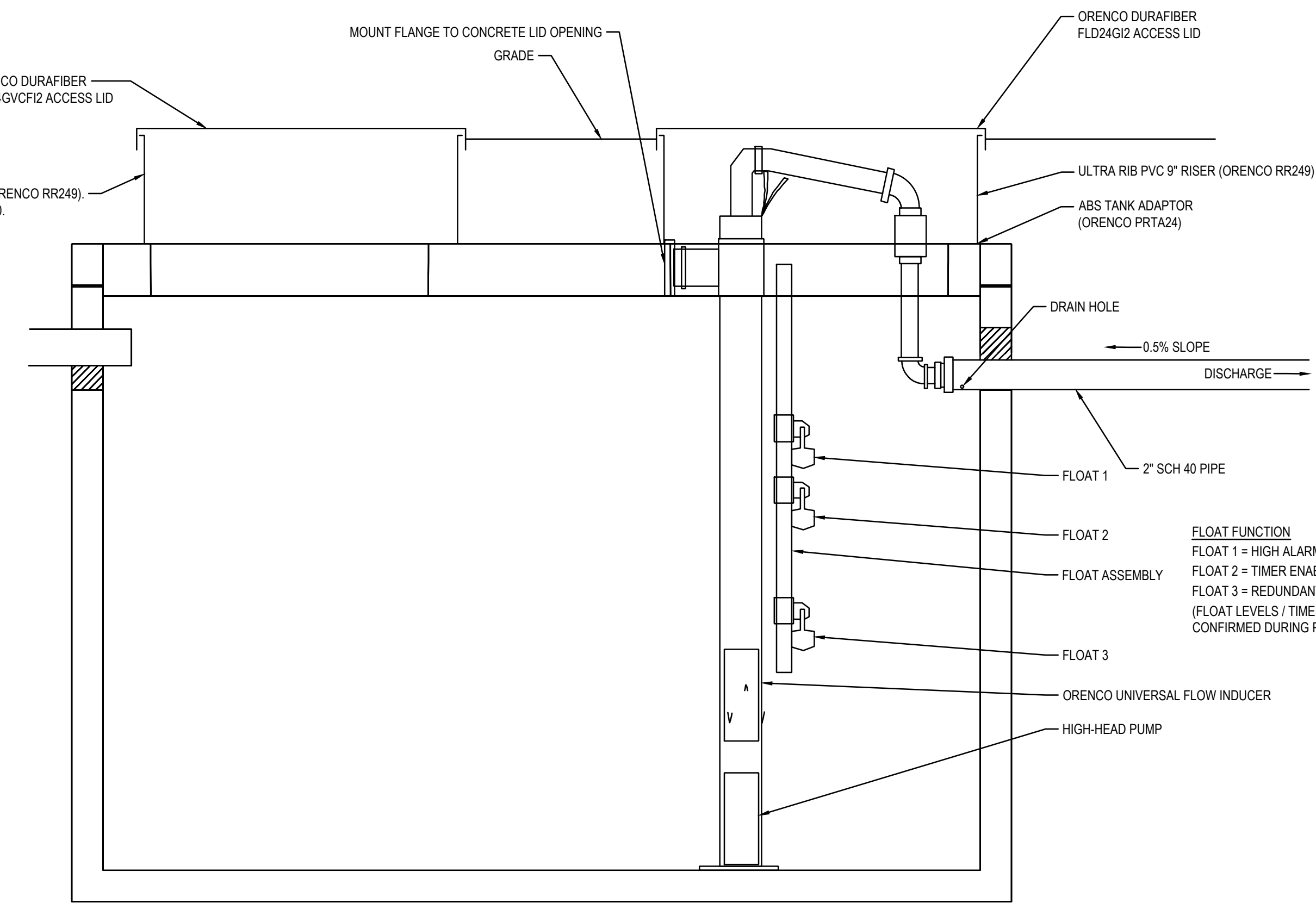
4 LATERAL CLEAN OUT/FLUSH
C6.0 NOT TO SCALE



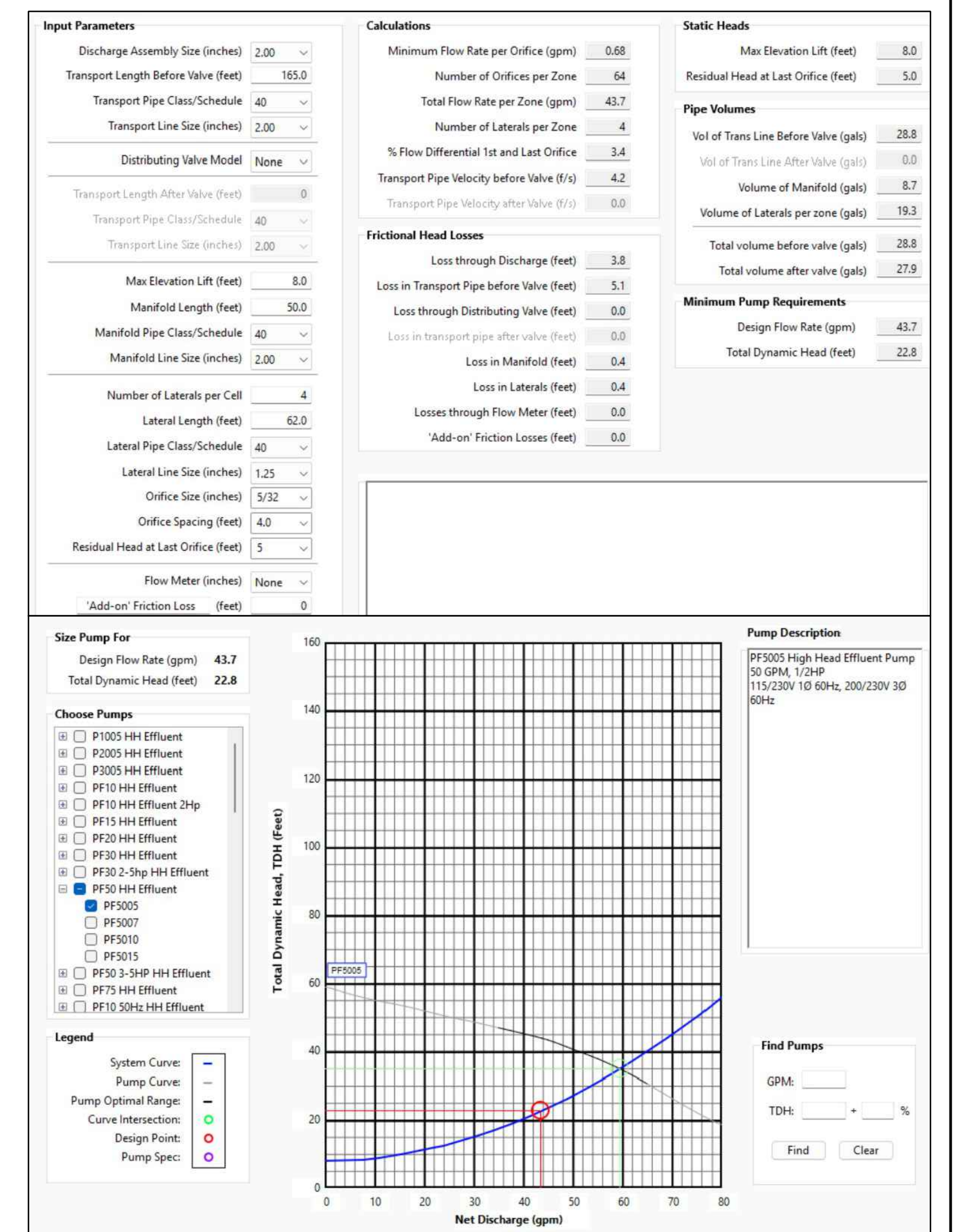
3 OBSERVATION PORT
C6.0 NOT TO SCALE



5 NYLOPLAST INLINE DRAIN WITH DOME GRATE DETAIL
C6.0 NOT TO SCALE



6 WET WELL PROFILE
C6.0 NOT TO SCALE



7 PF5005 - 5" SQUIRT (22.8' TDH, 43.7 GPM)
C6.0 NOT TO SCALE

DATE	REVISIONS	NO.	CHECKED BY	DESIGNED BY	DRAWN BY	PROJECT #	SHEET
05-04-26 <td>ISSUED FOR BIDS</td> <td></td> <td>J. WHEELER</td> <td>B. KULHANEK</td> <td>B. KULHANEK</td> <td>26-0614-0074</td> <td>C6.0</td>	ISSUED FOR BIDS		J. WHEELER	B. KULHANEK	B. KULHANEK	26-0614-0074	C6.0

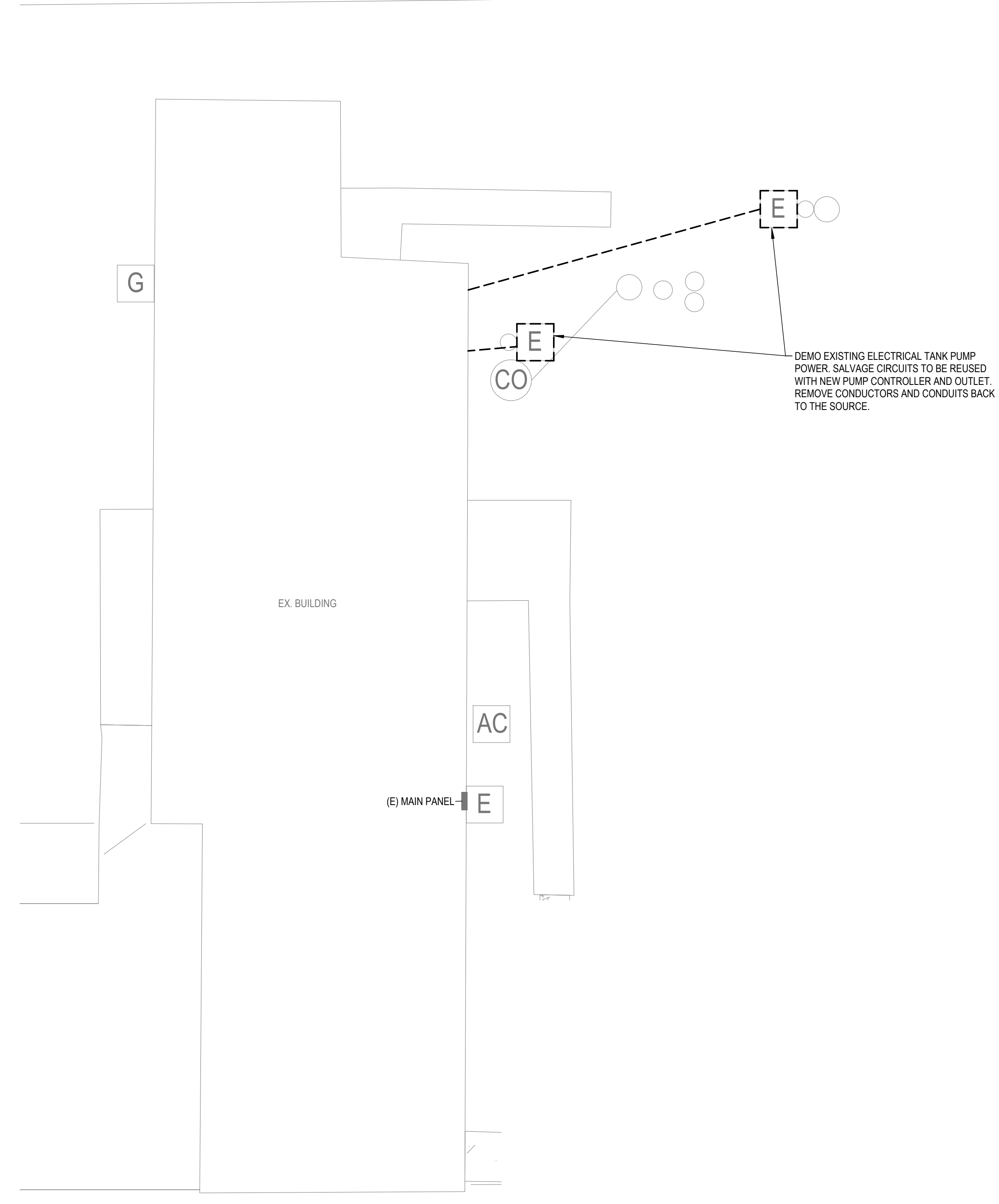
DATE	05-04-26
STATUS / REVISIONS	ISSUED FOR BID
NO.	
CHECK'D BY:	R. KAIN
DES'D BY:	E. MARTER
DRAWN BY:	B. KUSHION
PROJ #:	26-0614-0074
SHEET	E2.0

GENERAL NOTES

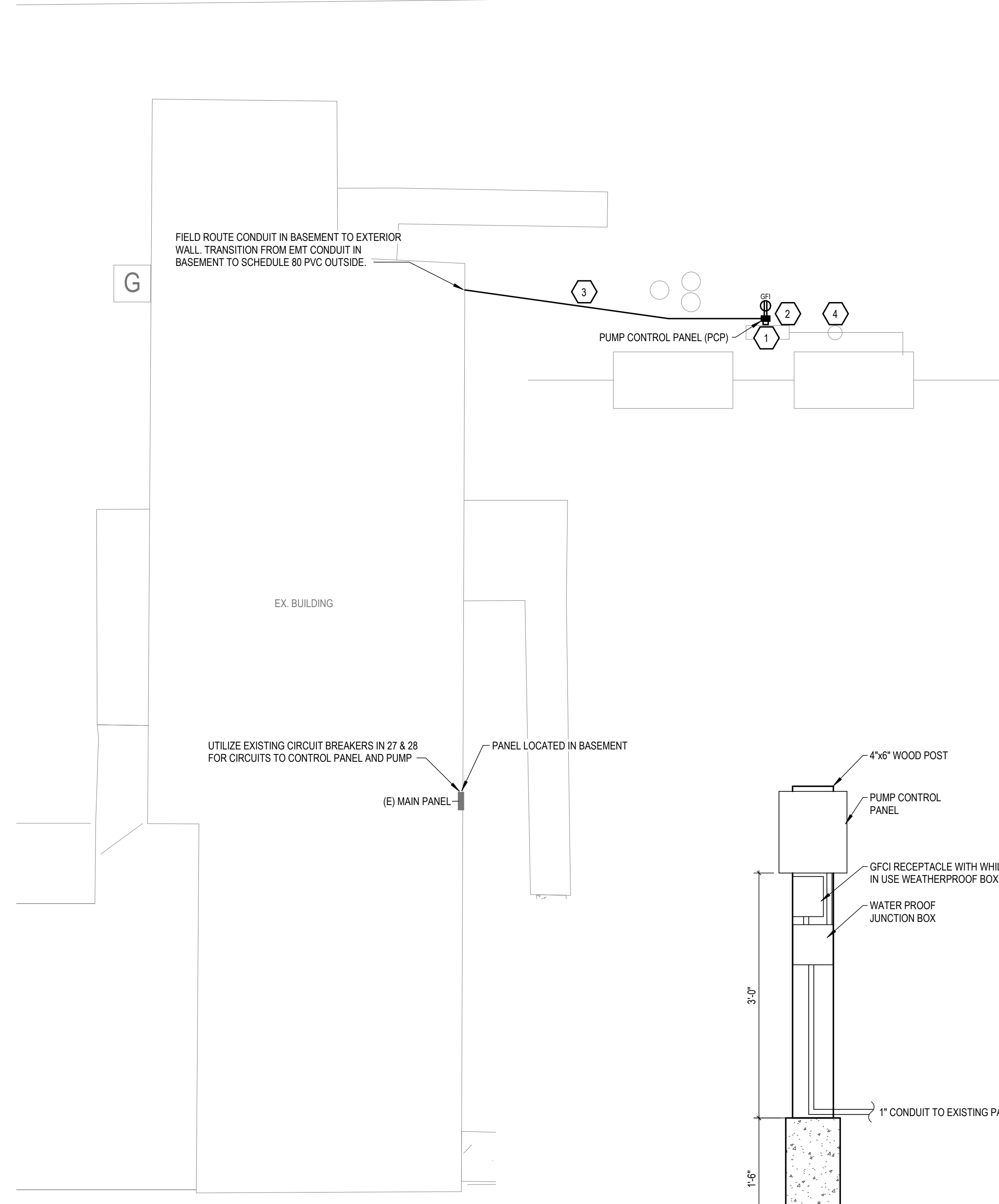
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST ACCEPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL STATE AND LOCAL CODES.
- COORDINATE THE INSTALLATION OF ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS WITH ARCHITECTURAL, CIVIL, AND MECHANICAL PLANS, SPECIFICATIONS AND EQUIPMENT DRAWINGS. PROVIDE ALL NECESSARY EQUIPMENT POWER AND CONTROL CONNECTIONS NOT PROVIDED BY OTHERS WHETHER INDICATED ON THE DRAWINGS OR NOT.
- UNLESS OTHERWISE NOTED, WHERE ELECTRICAL DEMOLITION WORK IS SHOWN, REMOVE ALL CONDUCTOR AND EXPOSED CONDUITS FROM EQUIPMENT OR OUTLET LOCATION BACK TO THE POWER SOURCE(S) FOR THE CIRCUIT.
- ALL LOW VOLTAGE CONDUCTORS SHALL BE STRANDED COPPER.
- SPLICE CABLES OR CONDUCTORS IN OUTLET BOXES, DEVICE BOXES, PULL BOXES, JUNCTION BOXES. DO NOT SPLICE CABLES OR CONDUCTORS IN CONDUIT BODIES.
- RECEPTACLES INDICATED AS GROUND FAULT CIRCUIT INTERRUPTER (GFI) TYPE MUST BE GFI RECEPTACLE. NO FEED THROUGH.
- BRANCH CIRCUITS FROM CIRCUIT BREAKER TYPE DISTRIBUTION EQUIPMENT WHICH SUPPLY MOTOR LOADS THAT ARE LESS THAN 6.0 AMP SHALL BE PROTECTED BY A 15 AMP CIRCUIT BREAKER.
- FINAL CONNECTIONS TO ITEMS SUBJECT TO VIBRATION SHALL BE MADE WITH LIQUID TIGHT FLEXIBLE METAL CONDUIT. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL NOT BE USED AS A GROUNDING CONDUCTOR. PROVIDE A SEPARATE GREEN GROUNDING CONDUCTOR.
- IN THE EVENT OF CONFLICTS BETWEEN THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS OR WITHIN THE DRAWINGS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL BE ASSUMED TO BE CORRECT. REFER UNCERTAINTIES IN REQUIREMENTS TO THE ENGINEER FOR CLARIFICATION.
- ALL BELOW GRADE LOCATIONS WITHIN BUILDINGS ARE DAMP LOCATIONS UNLESS OTHERWISE NOTED.
- 120V AC CONTROL WIRING ASSOCIATED WITH MOTOR CONTROL CIRCUITS MAY BE RUN IN THE SAME RACEWAY WITH MOTOR POWER WIRING FOR CONSTANT SPEED MOTORS LESS THAN 30HP. FOR MOTORS 30HP AND GREATER OR FOR MOTORS POWERED FROM VARIABLE FREQUENCY CONTROLLERS, SEPARATE RACEWAYS SHALL BE USED FOR POWER AND CONTROL CONDUCTORS.
- 120/240V CIRCUIT WIRING FOR ANY ROOM OR AREA MAY BE GROUPED INTO RACEWAYS AS REQUIRED UNLESS SEPARATE RACEWAYS ARE REQUIRED BY THE NEC. COMPLY WITH NEC REQUIREMENTS FOR CONDUCTOR DERATING.
- CONDUIT PENETRATIONS OF FLOORS, LOWER LEVEL EXTERIOR WALLS OR WETWELL WALLS SHALL BE SLEEVED AND SEALED WITH LINKSEAL.
- THE QUANTITY OR QUALITY LEVEL SHOWN OR SPECIFIED SHALL BE THE MINIMUM PROVIDED OR PERFORMED. THE ACTUAL INSTALLATION MAY COMPLY EXACTLY WITH THE MINIMUM QUANTITY OR QUALITY SPECIFIED, OR IT MAY EXCEED THE MINIMUM WITHIN REASONABLE LIMITS. TO COMPLY WITH THESE REQUIREMENTS, INDICATED NUMERIC VALUES ARE MINIMUM OR MAXIMUM, AS APPROPRIATE, FOR THE CONTEXT OF REQUIREMENTS. REFER UNCERTAINTIES TO ENGINEER FOR A DECISION BEFORE PROCEEDING.
- DESIGN DOCUMENTS MUST BE REPRODUCED IN THEIR ENTIRETY, INCLUDING ALL PLANS, SPECIFICATIONS, AND FRONT END DOCUMENTS, INCLUDING AND NOT LIMITED TO SUBCONTRACTORS AND SUPPLIERS DURING BIDDING OR CONSTRUCTION.
- FAILURE TO REVIEW AND COMPLY WITH A FULL SET OF CONTRACT DOCUMENTS WILL NOT BE ACCEPTED AS A VALID REASON FOR FAILURE TO MEET THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
- PROVIDE ALL RACEWAYS AND WIRING FROM CONTROL PANEL TO PUMPS, FLOATS, AND BASIN FOR A COMPLETE AND OPERATIONAL SYSTEM.
- PROVIDE CONDUCTORS RATED FOR HAZARDOUS LOCATIONS PER NEC 501.
- PROVIDE CONDUIT SEALS AND FITTINGS TO COMPLY WITH NEC 501.15 FOR CLASS 1 DIVISION 1 LOCATIONS.
- ALL OUTDOOR ELECTRICAL ENCLOSURES AND BOXES SHALL BE A MINIMUM OF NEMA 3R RATED.

KEYED CONSTRUCTION NOTES

SYMBOL	DESCRIPTION
1	PROVIDE 4"x6" POST FOR PUMP CONTROLLER AND RECEPTACLE TO BE MOUNTED ON. SEE DETAIL 1 ON THIS SHEET FOR DETAILS.
2	PUMP CONTROL PANEL (PCP) AND EXTERNAL SPLICE BOXES SUPPLIED WITH THE TANK BY OTHERS. COORDINATE FINAL ELECTRICAL CONNECTIONS WITH OTHER TRADES.
3	CONNECT NEW PCP CIRCUITS TO EXISTING PANEL WITH NEW UNDERGROUND CONDUIT AND WIRE. BURY CONDUIT AT LEAST 24" BELOW FINISHED GRADE AND PROVIDE WARNING TAPE 6" BELOW GRADE ALONG THE TRENCH. PROVIDE AND INSTALL (1) 1" CONDUIT WITH (2)#10 + (1)#10G FOR EACH CIRCUIT. CONDUCTORS ARE OVERSIZED FOR VOLTAGE DROP.
4	ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL WIRE AND CONDUIT BETWEEN THE PCP AND THE EXTERNAL SPLICE BOX. PROVIDE (1) 1" CONDUIT WITH (X) 2/C#18 CABLES FOR FLOAT CONNECTION. PROVIDE (1) 1" CONDUIT WITH (X)#10 + (X)#10G GROUND FOR PUMP CONNECTION. COORDINATE FINAL ELECTRICAL CONNECTIONS WITH OTHER TRADES.



SITE ELECTRICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



SITE ELECTRICAL PROPOSED PLAN
 SCALE: 1/8" = 1'-0"

1 ELECTRICAL EQUIPMENT SUPPORT DETAIL
 E2.0 NOT TO SCALE

