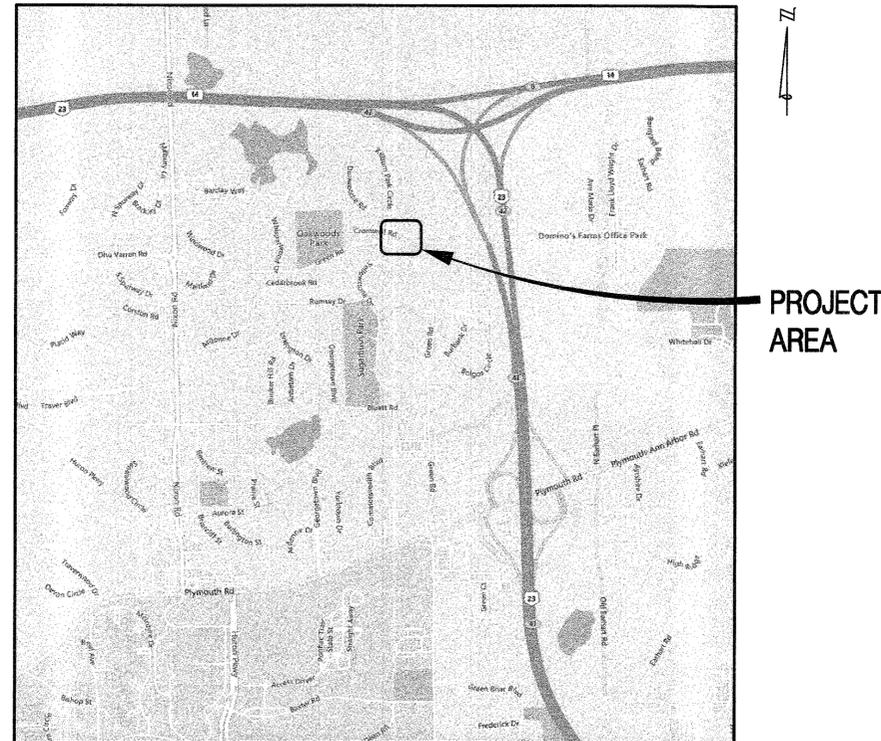


# CITY OF ANN ARBOR WASHTENAW COUNTY, MICHIGAN

## ARBOR HILLS BOOSTER STATION DEMOLITION AND SITE RESTORATION

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
C1	COVER SHEET
C2	LEGEND
C3	GENERAL NOTES
C4	SITE REMOVALS PLAN
C5	BUILDING DEMOLITION PLAN
C6	SOIL EROSION & SEDIMENTATION CONTROL PLAN



**LOCATION MAP**  
N.T.S.

**GENERAL PROVISIONS**

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE PROPOSAL AND ACCOMPANYING SPECIFICATIONS FOR THIS PROJECT INCLUDING THE 2012 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS GUIDELINES FOR GEOMETRICS 2014 EDITION.

THE LOCATION OF ALL PUBLIC UTILITIES SHOWN ON THESE PLANS IS TAKEN FROM THE BEST AVAILABLE DATA. THE CITY OF ANN ARBOR WILL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATIONS SHOWN. PURSUANT TO ACTS 173 & 174 OF THE P.A. OF 2013, AS A CONDITION OF THIS CONTRACT, NOTICE SHALL BE GIVEN TO MISS DIG PRIOR TO UNDERGROUND WORK TO BE PERFORMED IN ACCORDANCE WITH THIS CONTRACT, PHONE (800) 482-7171 (OR 811). UTILITY SERVICE CONNECTIONS ARE NOT SHOWN ON THE PLANS AND ARE NOT THE RESPONSIBILITY OF THE CITY OF ANN ARBOR.

THE ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD 1988 VERTICAL DATUM.

APPLICATION DATE	PERMITS	APPROVAL DATE
	CITY OF ANN ARBOR SESC PERMIT	
	CITY OF ANN ARBOR DEMOLITION PERMIT	

CONTRACT FOR: ARBOR HILLS BOOSTER STATION DEMOLITION AND SITE RESTORATION



Advancing Communities

34000 Plymouth Road | Livonia, MI 48150  
P (734) 522-6711 | F (734) 522-6427

PREPARED UNDER THE SUPERVISION OF:



KYLE SELTER, P.E.

6201068941  
Registration No.  
8/4/2020  
Date

REVISIONS  
08/04/2020 BID SET PLANS

PROJECT NO.  
0028-20-0030

SHEET NO.  
C1

**WATER & SEWER UTILITY SYMBOLS**

**EXISTING**

- STORM MANHOLE
- SQUARE CATCH BASIN
- ROUND CATCH BASIN
- CULVERT
- CULVERT W/O END SECTION
- CULVERT W/END SECTION
- SANITARY MANHOLE
- CLEAN OUT
- GATE VALVE & WELL
- GATE VALVE & BOX
- WATER STOP BOX
- FIRE HYDRANT
- METER PIT
- WATER METER
- SPRINKLER HEAD
- IRRIGATION VALVE

**PROPOSED**

- STORM MANHOLE
- INLET/CATCH BASIN
- CULVERT END SECTION
- SANITARY MANHOLE
- GATE VALVE & WELL
- GATE VALVE & BOX
- TAPPING SLEEVE VALVE & WELL
- TAPPING SLEEVE VALVE & BOX
- FIRE HYDRANT

**REAL ESTATE SYMBOLS**

- CONTIGUOUS PROPERTY SYMBOL
- PARCEL NUMBER BOX
- NO ROW IMPACTS

**MISCELLANEOUS UTILITY SYMBOLS**

**EXISTING**

- GUY WIRE
- GUY POLE
- UTILITY POLE
- UTILITY POLE W/LIGHT
- LIGHT/DECOR LAMP POLE
- FLOOD LIGHT
- GAS VALVE
- GAS VENT
- GAS METER
- GAS RISER
- TRAFFIC SIGNAL
- PEDESTRIAN RISER
- TRANSFORMER PAD
- PRIVATE UTILITY MANHOLE
- RAILROAD CROSSING
- ELECTRIC METER
- PHONE BOOTH
- TRAFFIC SIGNAL CONTROLLER
- HAND HOLE
- ELECTRIC RISER
- TELEPHONE RISER
- CABLE TV RISER
- MONITORING WELL
- UNDERGROUND MARKER

**MISCELLANEOUS SYMBOLS**

**EXISTING**

- RIPRAP
- SIGN
- FLOW DIRECTION
- STUMP
- WETLAND
- CONIFEROUS TREE
  - CL.1 1" TO 5"
  - CL.2 6" TO 17"
  - CL.3 18" TO 35"
  - CL.4 36" AND UP
- DECIDUOUS TREE
- CONIFEROUS SHRUB
- DECIDUOUS SHRUB
- SOIL BORING
- SECTION CORNER
- MONUMENT
- IRON ROD/PIPE
- PK NAIL
- BENCHMARK
- TRAVERSE POINT
- MAIL/NEWSPAPER BOX
- FLAG POLE
- POST

**HAZARDOUS OR FLAMMABLE MATERIAL** USED WITH UNDERGROUND GAS & ELECTRICAL LINES

**CAUTION - CRITICAL UNDERGROUND UTILITY** USED WITH TELEPHONE & FIBER OPTIC LINES

**PROPOSED**

- RIPRAP
- SIGN
- FLOW DIRECTION
- STRUCTURE NUMBER  
WM SAN STM
- ADA SIDEWALK RAMP

**UTILITY PATTERN**

**EXISTING**

- ELECTRICAL \*
- GAS/OIL
- CABLE/TELEPHONE \*
- FIBER OPTIC \*
- WATER
- SANITARY
- STORM

**PROPOSED**

- STORM/SANITARY/WATER
  - PRIMARY UTILITY WILL HAVE A CONTINUOUS LINESYLE, WITH THE SECONDARY UTILITY MATCHING ITS RESPECTIVE EXISTING UTILITY LINESYLE
- \*OH = OVERHEAD , UC = UNDERGROUND

**ROW PATTERN**

**EXISTING**

- ROW
- SECTION
- PROPERTY/PARCEL

**PROPOSED**

- ROW

**TOPO PATTERN**

**EXISTING**

- HEDGE/TREE
- FENCE
- GUARDRAIL
- CENTERLINE OF DITCH
- RAILROAD
- WETLAND/EDGE OF WATER

**PROPOSED**

- GRADING LIMIT (SLOPE STAKE)
- CENTERLINE OF DITCH
- GUARDRAIL
- FENCE

**REMOVAL LEGEND**

- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- COLD MILLING HMA SURFACE
- HMA BASE CRUSHING AND SHAPING
- EXCAVATION, EARTH, MODIFIED
- CURB AND GUTTER, REM
- TREE, REM
- SALVAGE
- BULKHEAD
- ABANDON
- REMOVE
- ADJUST
- RELOCATE
- RECONSTRUCT
- REMOVE BY OTHERS
- ADJUST BY OTHERS
- RELOCATE BY OTHERS

**IF NECESSARY FOR CLARITY**

- SALVAGE
- BULKHEAD
- ABANDON
- CLEARING
- REMOVE
- RELOCATE
- RECONSTRUCT
- RELOCATE BY OTHERS
- ADJUST BY OTHERS

**SPECIAL LEGEND**

**OHM**  
ARCHITECTS ENGINEERS PLANNERS  
34000 Plymouth Road  
Livonia, MI 48150  
P (734) 522-6711 | F (734) 522-6427  
OHM-ADVISORS.COM

REVISIONS:

08/04/2020	BID SET PLANS
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DATE: 08/04/2020  
PROJ NUMBER: 0026-20-030  
ENG: KS  
MUNICIPALITY: ANN ARBOR  
COUNTY: WASHTENAW  
CADD PR: WASHTEW

**CITY OF ANN ARBOR  
ARBOR HILLS BOOSTER STATION DEMOLITION  
LEGEND**

DRAWING PATH: P:\0000\_010000\020000\030\_Arbor\_Hills\_BoosterStation\_Demo\Drawings\Civil\Misc\020000\LEG.dwg Aug 04, 2020 - 2:46pm

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## SEQUENCE OF CONSTRUCTION

- OBTAIN PERMITS PRIOR TO STARTING WORK.
- INSTALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AS DIRECTED BY ENGINEER.
- COORDINATE WITH FRANCHISE UTILITY COMPANIES FOR DISCONNECTS AND ABANDONMENT OF FACILITIES.
- COORDINATE WITH CITY OF ANN ARBOR AND OWNERS REPRESENTATIVE FOR DISCONNECTING AND ABANDONING EXISTING WATER MAIN AND SANITARY SEWER. THIS WORK MAY BE COMPLETED PRIOR TO CONSTRUCTION BY CITY CREWS. CONFIRM WITH ENGINEER PRIOR TO STARTING WORK.
- DEMOLISH EXISTING WATER BOOSTER STATION, WHICH INCLUDES A MASONRY BLOCK ABOVE-GRADE STRUCTURE, PARTIAL DEMOLITION OF BUILDING FOUNDATION, AND ABANDONMENT-IN-PLACE OF SELECT UTILITY PIPING/CONDUIT.
- RESTORE SITE WITH APPROVED TOP SOIL, MULCH, AND LOW-MAINTENANCE SEED MIX AS DIRECTED BY ENGINEER.

## GENERAL

- INFORMATION REGARDING EXISTING UNDERGROUND UTILITIES ILLUSTRATED ON THE PLANS AND PROFILES WAS OBTAINED FROM THE FOLLOWING SOURCES:
  - 'ARBOR HILLS BOOSTER PUMP STATION DESIGN & DETAILS', AS PREPARED BY ATWELL-HICKS, INC FOR GUENTHER BUILDING COMPANY UNDER CONTRACT NUMBER 39853.01.
  - SITE RECONNAISSANCE COMPLETED BY OHM ADVISORS IN JUNE 2020.
  - PARCEL TAX MAP AND PUBLIC UTILITY LOCATION, AS AVAILABLE ON CITY OF ANN ARBOR'S GEOGRAPHIC INFORMATION SYSTEM, AS OF JUNE 2020.

UNLESS OTHERWISE NOTED IN THESE CONTRACT DOCUMENTS, THE ELEVATIONS OF EXISTING SUBSURFACE UTILITIES SHOWN ON THE PIPING PROFILES ARE APPROXIMATE BASED ON THE AVAILABLE INFORMATION. THE ACTUAL ELEVATIONS, VERTICAL AND HORIZONTAL EXTENTS, AND MATERIALS OF CONSTRUCTION HAVE NOT BEEN VERIFIED THROUGH TOPOGRAPHIC SURVEY OR EXCAVATION OF TEST PITS. THE PRESENCE OF POTENTIAL UTILITY CONFLICTS WITH THE PROPOSED WORK SHALL BE CONFIRMED PRIOR TO THE START OF ANY UNDERGROUND PIPELINE OR VAULT CONSTRUCTION. THE OWNER'S REPRESENTATIVE SHALL BE CONTACTED IMMEDIATELY UPON DISCOVERY OF POTENTIAL UNDERGROUND FEATURES THAT MAY IMPACT THE DESIGN INTENT, CONSTRUCTION COST, OR SCHEDULE.
- THE CITY OF ANN ARBOR COMMISSIONED A BUILDING MATERIALS SURVEY FOR THE EXISTING STRUCTURE. THE FINDINGS OF THE REPORT HAVE BEEN INCLUDED IN THE CONTRACT DOCUMENTS. TO THE EXTENT REQUIRED BY LAW, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING, QUANTIFYING, HANDLING, AND DISPOSING OF ITEMS OF ENVIRONMENTAL INTEREST THAT MAY BE PRESENT. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE SECTION 01 35 29 HEALTH, SAFETY, AND EMERGENCY RESPONSE PROCEDURES AND SECTION 01 74 19 CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL FOR ADDITIONAL REQUIREMENTS.
- PRIOR TO STARTING ANY ACTIVITY THAT HAS THE POTENTIAL TO CONTACT A KNOWN OR UNKNOWN UTILITY (INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BORING, GRADING), THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE IN ADVANCE OF SUCH WORK. THE OWNER'S REPRESENTATIVE MAY BE ABLE TO PROVIDE ASSISTANCE IN LOCATING THE UTILITY AND POSSIBLY DETERMINE IF THE UTILITY IN QUESTION CAN BE ISOLATED OR DE-ENERGIZED PRIOR TO STARTING THE WORK SO AS TO PREVENT MINIMIZE INTERRUPTION OF SERVICE THAT THE UTILITY PROVIDES IN THE EVENT THAT HARM TO SUCH UTILITY IS CAUSED BY ONE OR MORE CONSTRUCTION ACTIVITIES.
- ALL INVERTS AND ELEVATIONS ARE SHOWN IN FEET.
- MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ITEM NUMBERS AND STANDARD SPECIFICATIONS ARE REFERENCED FOR MATERIALS, METHOD OF INSTALLATION, AND QUALITY CONTROL REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PERTINENT TO THE WORK OF THIS CONTRACT IN THE FIELD.
- REPORT TO OWNER'S REPRESENTATIVE ANY CONDITION WHICH PREVENTS THE WORK FROM BEING COMPLETED ACCORDING TO THE PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL ERECT AND MAINTAIN SAFETY BARRICADES MEETING OR EXCEEDING OSHA REQUIREMENTS AROUND PROJECT AREA AT ALL TIMES. THIS INCLUDES RESTRICTING PEDESTRIAN ACCESS ALONG PEDESTRIAN PATHWAY AT SOUTH SIDE OF PROJECT SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR SUPERVISION OF THE WORK INCLUDING PERSONNEL PROTECTION IN ACCORDANCE WITH OSHA AND THE OTHER APPLICABLE REGULATIONS, AS WELL AS PUBLIC PROTECTION IN ACCORDANCE WITH THE MICHIGAN BUILDING CODE AND PROTECTION OF ADJACENT PROPERTIES.
- THE CONTRACTOR SHALL MAINTAIN IN SERVICE ALL EXISTING UTILITIES TO REMAIN DURING DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES TO REMAIN DUE TO CONSTRUCTION OPERATIONS AND SHALL REPAIR OR REPLACE DAMAGED STRUCTURES AND/OR UTILITIES AT CONTRACTOR'S EXPENSE.

## EARTHWORK

- EXISTING SOIL TYPES ARE UNKNOWN, BASED ON USDA WEB SOIL SURVEY, SOIL TYPE IS SPECIFIED AS WAWASEE LOAM, 2 TO 6 PERCENT SLOPES (Wawab).
- CONTRACTOR SHALL COMPLETE TEST PITS, AS DEEMED NECESSARY, TO ESTABLISH AN UNDERSTANDING OF LOCATION AND MATERIAL OF EXISTING UTILITIES AND ALSO THE LOCAL SOIL TYPE AND SUBSURFACE CONDITIONS.
- AREAS REQUIRING FILL SHALL BE FILLED WITH BACKFILL AND COMPACTED IN 8" THICK LIFTS TO MAXIMUM DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D698.
  - GREEN SPACE - 85%
  - PAVEMENT - 95%

## UTILITY REMOVAL NOTES

- VERIFY IN THE FIELD THE LOCATION OF THE DISCONNECTION POINTS OF UTILITY SERVICE CONNECTIONS.
- WHEN UTILITY LINES ARE ENCOUNTERED THAT ARE NOT INDICATED ON THE DRAWINGS, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO FURTHER WORK IN THAT AREA.
- COORDINATE WITH EXISTING UTILITY PROVIDERS FOR REMOVAL OF EXISTING ELECTRICAL, GAS, AND TELECOMMUNICATION (IF PRESENT) SERVICE METERS, PIPES, CABLES, ETC.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NEC, IBC, NFPA, AND REQUIREMENTS STATED IN CITY OF ANN ARBOR STANDARDS.
- REMOVE AND DISPOSE OFF SITE ALL STRUCTURES, UTILITIES, PAVEMENT, CONCRETE, AND BUILDINGS (INCLUDING PARTIAL FOUNDATION REMOVAL) AS INDICATED ON PLANS. LIMITS OF DEMOLITION SHALL BE WITH OSHA SIDE-SLOPE REQUIREMENTS FOR THE DEPTH OF EXCAVATIONS, AS APPLICABLE.
- WATER DISTRIBUTION PIPES SHALL BE REMOVED AND CAPPED OR PLUGGED AS INDICATED ON DRAWING.

## DEMOLITION & REMOVAL NOTES

- PROTECT ALL TREES WITHIN AND NEAR THE PROJECT SITE UNLESS OTHERWISE DIRECTED BY ENGINEER.
- EQUIPMENT LAYDOWN AREAS AND HAUL ROUTES SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THESE AREAS.
- THE CONTRACTOR IS RESPONSIBLE FOR SUPERVISION OF THE WORK INCLUDING PERSONNEL PROTECTION IN ACCORDANCE WITH OSHA AND THE OTHER APPLICABLE REGULATIONS, AS WELL AS PUBLIC PROTECTION IN ACCORDANCE WITH THE MICHIGAN BUILDING CODE AND PROTECTION OF ADJACENT PROPERTIES.
- MAINTAIN SAFE AND CONTINUOUS INGRESS THROUGHOUT THE PERIOD OF DEMOLITION.

## MAINTENANCE AND PROTECTION OF TRAFFIC

- MAINTAIN SAFE AND CONTINUOUS ACCESS TO THE PROJECT SITE VIA THE EXISTING DRIVE THROUGHOUT THE PROJECT DURATION.
- THE CONTRACTOR SHALL PROVIDE FLAGGERS/SPOTTERS WHERE SIGHT DISTANCES ARE IMPAIRED BY HIS OPERATIONS, OR BY WEATHER CONDITIONS, OR AS DIRECTED BY THE OWNER.
- PROVIDE 15-DAY NOTICE FOR ALL ROADWAY INTERRUPTIONS.

## PERMITS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS ASSOCIATED WITH THE SCOPE OF WORK, WHICH IS KNOWN TO INCLUDE, BUT MAY NOT BE LIMITED TO THE FOLLOWING:
  - CITY OF ANN ARBOR DEMOLITION PERMIT
  - CITY OF ANN ARBOR SOIL EROSION AND SEDIMENTATION CONTROL PERMIT

## UTILITIES

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE PROJECT LIMITS:

CITY OF ANN ARBOR  
301 E HURON ST., 6TH FLOOR  
ANN ARBOR, MI 48104  
PH: 734-794-6000

ANN ARBOR PUBLIC WORKS  
W.R. WHEELER SERVICE CENTER  
4251 STONE SCHOOL RD  
ANN ARBOR, MI 48108

WATER MAIN:  
ATTN: DAN WOODEN  
PH: 734-794-6000 EXT. 43324

SANITARY SEWER:  
ATTN: TRAVIS CONLEY  
PH: 734-794-6000 EXT. 43325

AT&T  
550 S MAPLE RD  
ANN ARBOR, MI 48103  
ATTN: SHAWN BURNSIDE  
PH: 734-996-5322

FOR ELECTRIC AND GAS:  
DETROIT EDISON  
1 ENERGY PLAZA  
DETROIT, MI 48226  
ATTN: MICHAEL HARRISON  
E: DET\_MAPPINGTEAM@DTEENERGY.COM



ARCHITECTS ENGINEERS PLANNERS

34000 Plymouth Road  
Livonia, MI 48150  
P (734) 522-6711 | F (734) 522-6427

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08/04/2020 BID SET PLANS

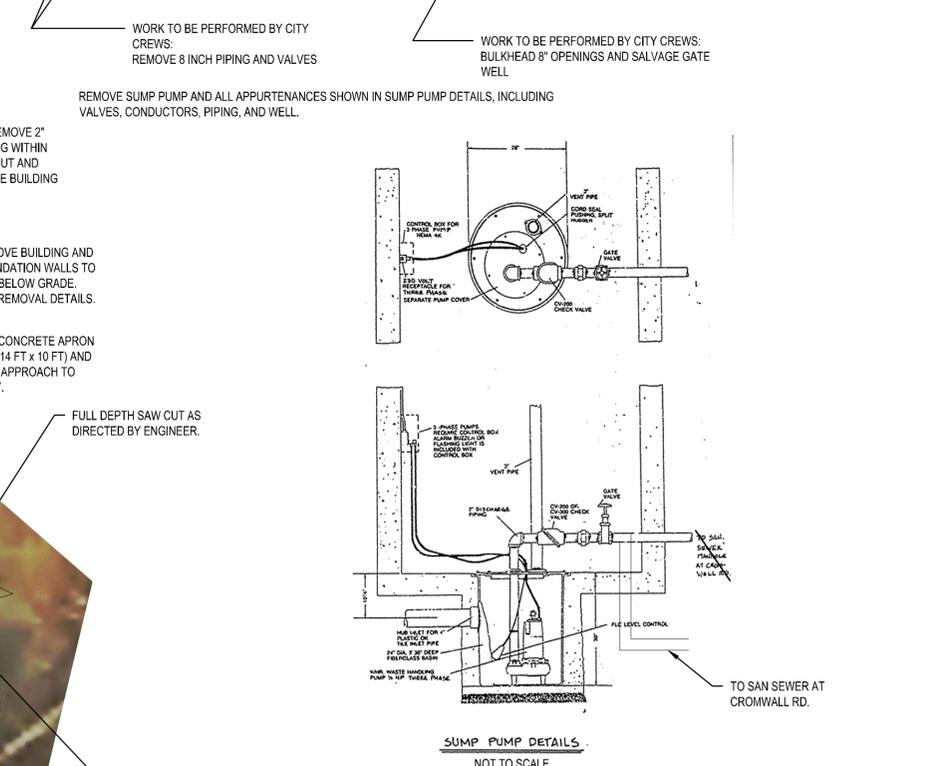
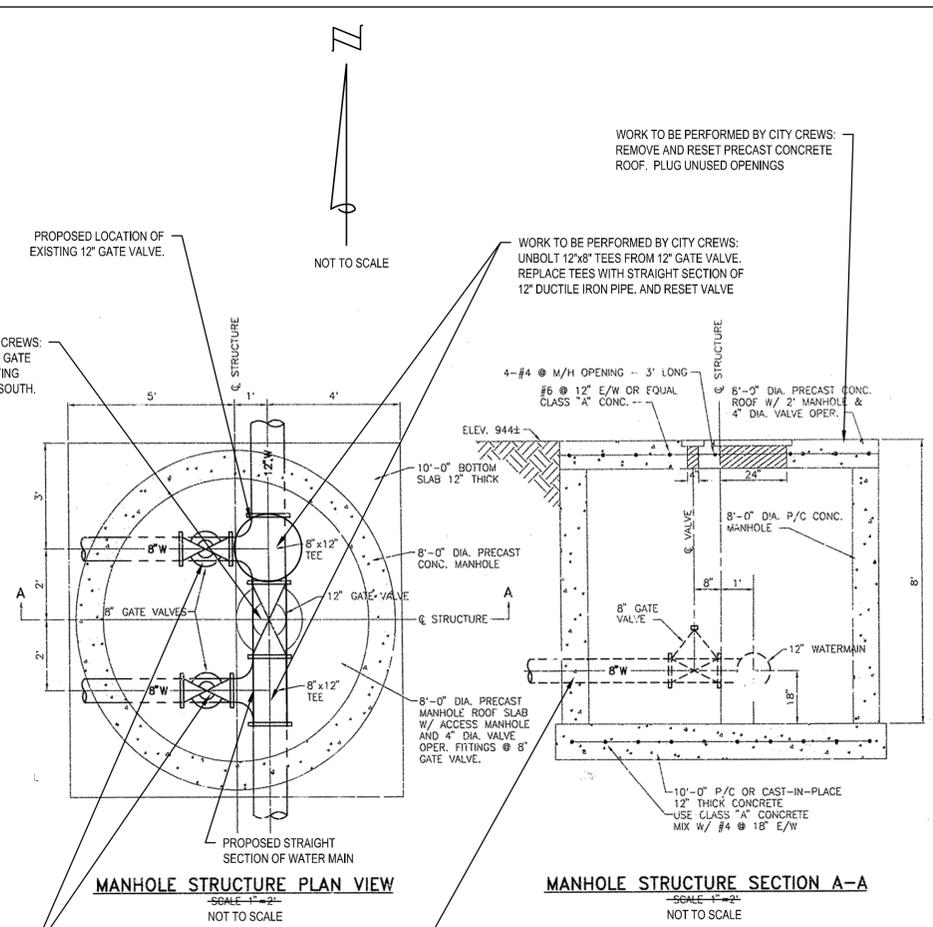
DATE: 08/26/2020 PROJ. NO: 0026-20-0300 ENG: NS PROJ. MGR: GT CAD: PR COUNTY: WASHTENAW MUNICIPALITY: ANN ARBOR

CITY OF ANN ARBOR  
ARBOR HILLS BOOSTER STATION DEMOLITION

GENERAL NOTES

SHEET

3



**LANDSCAPING NOTE:**  
RESTORE DISTURBED AREA USING FESCUE LAWN LOW MAINTENANCE MIX OR APPROVED EQUAL AS DIRECTED BY THE ENGINEER

**MANTAIN ACCESS TO ARBOR HILLS NATURE AREA DURING CONSTRUCTION.**  
TRAILHEAD LOCATED AT END OF ASPHALT DRIVE. PROVIDE BARRICADES, SIGNAGE, AND NON-MOTORIZED TRAFFIC CONTROL AS NECESSARY.

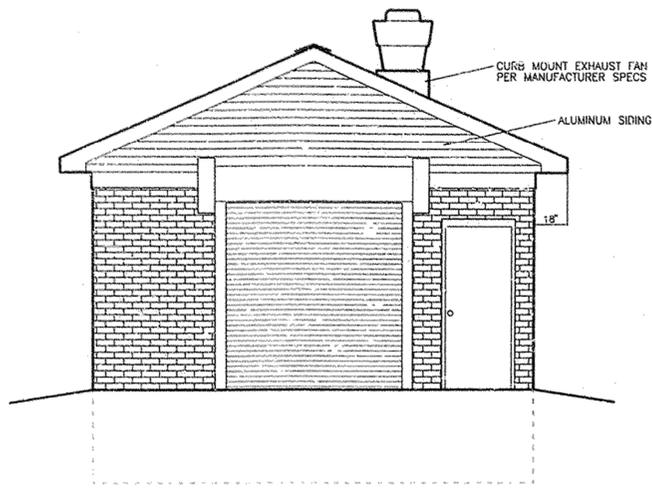


DATE	PROJ. NUMBER	ENGINEER	PROJ. MGR.	CADD	COUNTY	MUNICIPALITY
8/4/2020	0026-20-0000	KS	GT	PR	WASHTENAW	ANN ARBOR
<b>CITY OF ANN ARBOR ARBOR HILLS BOOSTER STATION DEMOLITION SITE REMOVALS PLAN</b>						
SHEET <b>C4</b>						

DRAWING PATH: P:\0000\_010000\0026200000\000\_Arbor\_Hills\_BoosterStation\_Demo\Drawings\Civil\Removal\200030\PREM.dwg Sep 17, 2020 - 9:12am

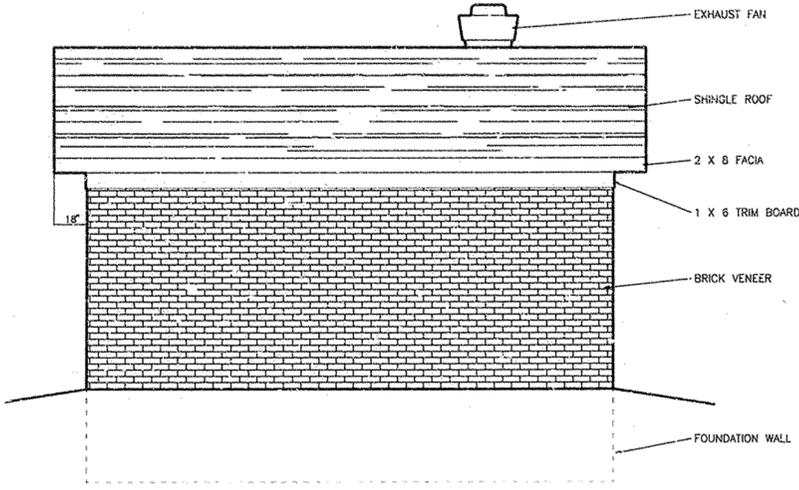
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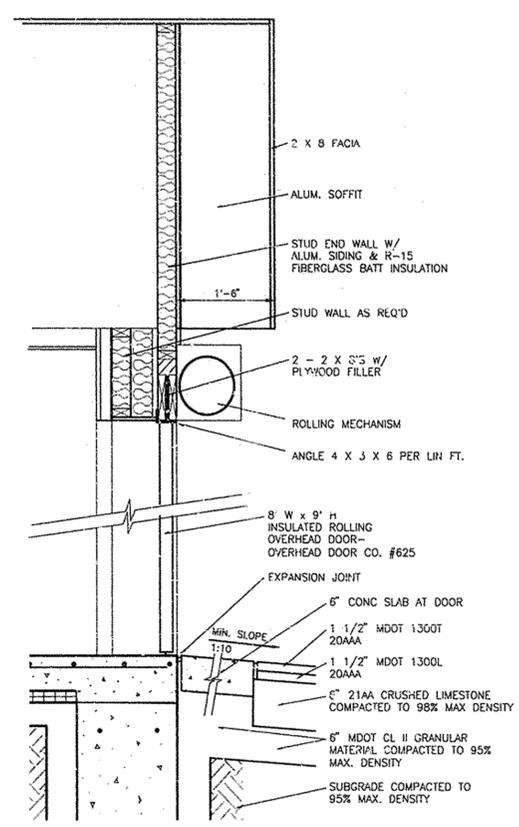
**NORTHEAST ELEVATION**

1/4" = 1'  
 NOT TO SCALE



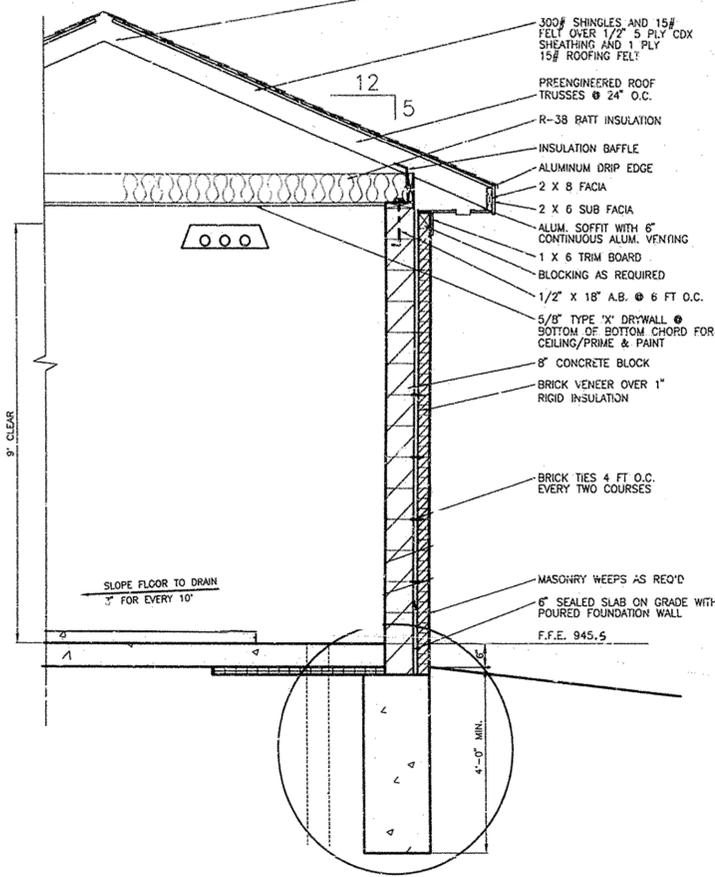
**SOUTHEAST ELEVATION**

1/4" = 1'  
 NOT TO SCALE



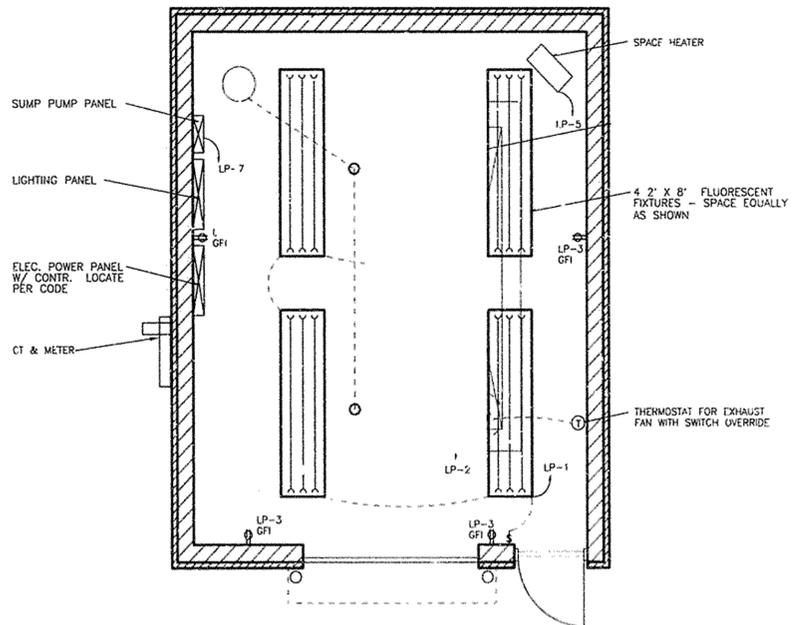
**SECTION B-B**

3/4" = 1'  
 NOT TO SCALE



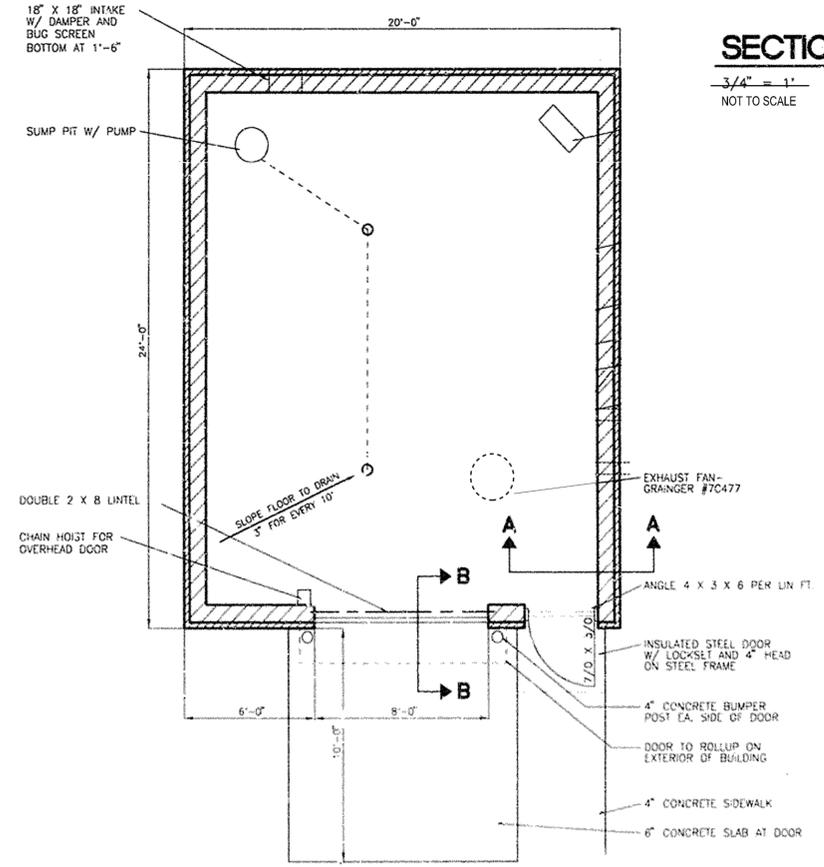
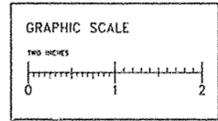
**TYPICAL WALL SECTION A-A**

1/2" = 1'  
 NOT TO SCALE



**ELECTRICAL PLAN**

1/4" = 1'  
 NOT TO SCALE



**FLOOR PLAN**

1/4" = 1'  
 NOT TO SCALE

NOT AS-BUILT, BEST AVAILABLE INFO.

**DEMOLITION NOTE:**  
 REMOVE BUILDING IN ITS ENTIRETY, AND REMOVE FOUNDATION DOWN TO 2 FEET BELOW GRADE.

**RECORD PLAN NOTE:**  
 THESE DETAILS WERE ORIGINALLY PRODUCED BY ATWELL-HICKS, INC FOR GUENTHER BUILDING COMPANY UNDER CONTRACT NUMBER 39853.01. EXISTING INFORMATION HAS NOT BEEN VERIFIED.



Know what's below.  
 Call before you dig.

ISSUE: 08/04/2020 BID SET PLANS

DATE	PROJ. NUMBER	ENGINEER	KS	PROJ. MGR.	GT	CADD	PR	COUNTY	WA	MUNICIPALITY	ANN ARBOR
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<b>CITY OF ANN ARBOR</b>											
<b>ARBOR HILLS BOOSTER STATION DEMOLITION</b>											
<b>BUILDING DEMOLITION PLAN</b>											

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**EROSION PREVENTION AND SEDIMENT CONTROL NOTES & PHASING**

**GENERAL**

1. THE SOIL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE CONSTRUCTED PRIOR TO SITE DISTURBANCE, INSPECTED, AND MAINTAINED OR REPLACED BY THE CONTRACTOR DURING CONSTRUCTION.
2. ALL DISTURBED AND CONSTRUCTED SLOPE AREAS ARE TO BE SEEDED WITHIN 3 DAYS OF FINE GRADING (MAXIMUM).
3. WHERE RESTORATION WITH TOPSOIL AND SEED IS REQUIRED, TOPSOIL SHALL BE SPREAD TO A 4-INCH MINIMUM THICKNESS TO BRING THE SITE TO FINISHED GRADE IN ALL AREAS NOT PAVED. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS. EXISTING ON SITE TOPSOIL OR IMPORTED TOPSOIL SHALL BE SCREENED IN ACCORDANCE WITH SPECIFICATIONS. ALL STOCKPILED AREAS SHALL BE PROTECTED WITH SILT FENCE.
4. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED FROM EROSION DURING CLEARING AND CONSTRUCTION UNTIL THEY ARE STABILIZED.
5. SILT FENCES SHALL BE INSTALLED AT TOES OF SLOPES, AT EDGE OF CLEARING AND GRADING LIMITS, AND AT OTHER LOCATIONS NEEDED TO PREVENT AND CONTROL EROSION DURING CONSTRUCTION.
6. CONTRACTOR SHALL UTILIZE THE EXISTING PAVED ENTRANCE AS A TEMPORARY CONSTRUCTION ENTRANCE. CURB AND GUTTER AND PAVEMENT SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTORS ACTIVITIES SHALL BE REPLACED IN KIND AT CONTRACTORS EXPENSE.
7. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES EVERY 7 DAYS OR FOLLOWING EACH STORM EVENT AND REMOVE ALL SEDIMENT FROM THE STRUCTURES AND NEARBY PAVEMENT.
8. CONTRACTOR SHALL, WHERE CONSTRUCTION OR LAND-DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, INSTALL TEMPORARY SITE-STABILIZATION MEASURES AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED.
9. ACTIONS SHALL BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO ADJACENT PUBLIC ROADWAYS. SOIL TRACKED ONTO ROADWAYS SHALL BE REMOVED DAILY.
10. SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, DITCHES AND CATCH BASINS. STOCKPILES SHALL BE SEEDED, MULCHED AND ADEQUATELY CONTAINED THROUGH USE OF SILT FENCE.
11. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, DITCH, OR CATCH BASIN.

**FINALIZE**

1. CONTRACTOR SHALL UPON COMPLETION OF ALL ACTIVITIES, SEED AND STRAW ALL NON-PAVED DISTURBED AREAS.
2. CONTRACTOR SHALL PERFORM FINAL MAINTENANCE ON REMAINING SESC MEASURES.
3. TEMPORARY SOIL EROSION CONTROL MEASURES CONSISTING OF SILT FENCE SHALL BE IMPLEMENTED THROUGHOUT THE ENTIRE CONSTRUCTION PHASE OF THE PROJECT, AND SHALL BE REMOVED AFTER THE PERMANENT SOIL EROSION MEASURES HAVE BEEN COMPLETED.
4. PERMANENT TOPSOIL AND SEEDING OF GRADED AREAS SHALL NOT OCCUR AFTER OCTOBER 15TH AND BEFORE MAY 1ST.

**SITE SECURITY NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR SITE SECURITY THROUGHOUT PROJECT DURATION.

**LEGEND**

— X — X — GEOTEXTILE SILT FENCE

WawobB WAWASEE LOAM



ARCHITECTS ENGINEERS PLANNERS

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ISSUE	REVISIONS
	08/04/2020 BID SET PLANS

DATE	PROJ NUMBER	ENGINEER	CADD	COUNTY	MUNICIPALITY
8/4/2020	0026-20-0030	KS	PK	WASHTENAW	ANN ARBOR

CITY OF ANN ARBOR  
ARBOR HILLS BOOSTER STATION DEMOLITION  
SOIL EROSION & SEDIMENTATION CONTROL PLAN

DRAWING PATH: P:\0000\_01\0000\02020\030\_Arbor\_Hills\_BoosterStation\_Demo\Drawings\Civil\Misc\20\030SEC.dwg Aug 04, 2020 - 2:47pm

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