



# WAYNE STATE UNIVERSITY

WAYNE STATE UNIVERSITY PROJECT NO. # 999-247415

Facilities Planning & Management / Design & Construction Services

## Subway 39 W. Warren Building Demolition

39 West Warren Avenue  
Detroit, Michigan 48202

PROJECT COVER SHEET ( CVR )

### INDEX OF DRAWINGS

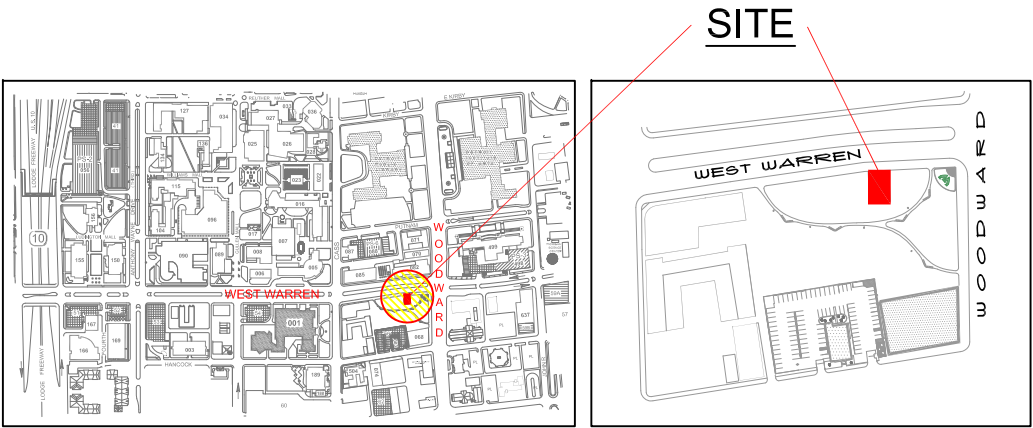
SHEET #	DESCRIPTION
CVR	PROJECT COVER SHEET
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S-2	UTILITIES, DEMOLITION, NEW WORK
D-1	EXISTING DETAILS - ISSUED FOR REFERENCE ONLY
D-2	EXISTING DETAILS - ISSUED FOR REFERENCE ONLY
P-1	SITE PHOTOGRAPHS

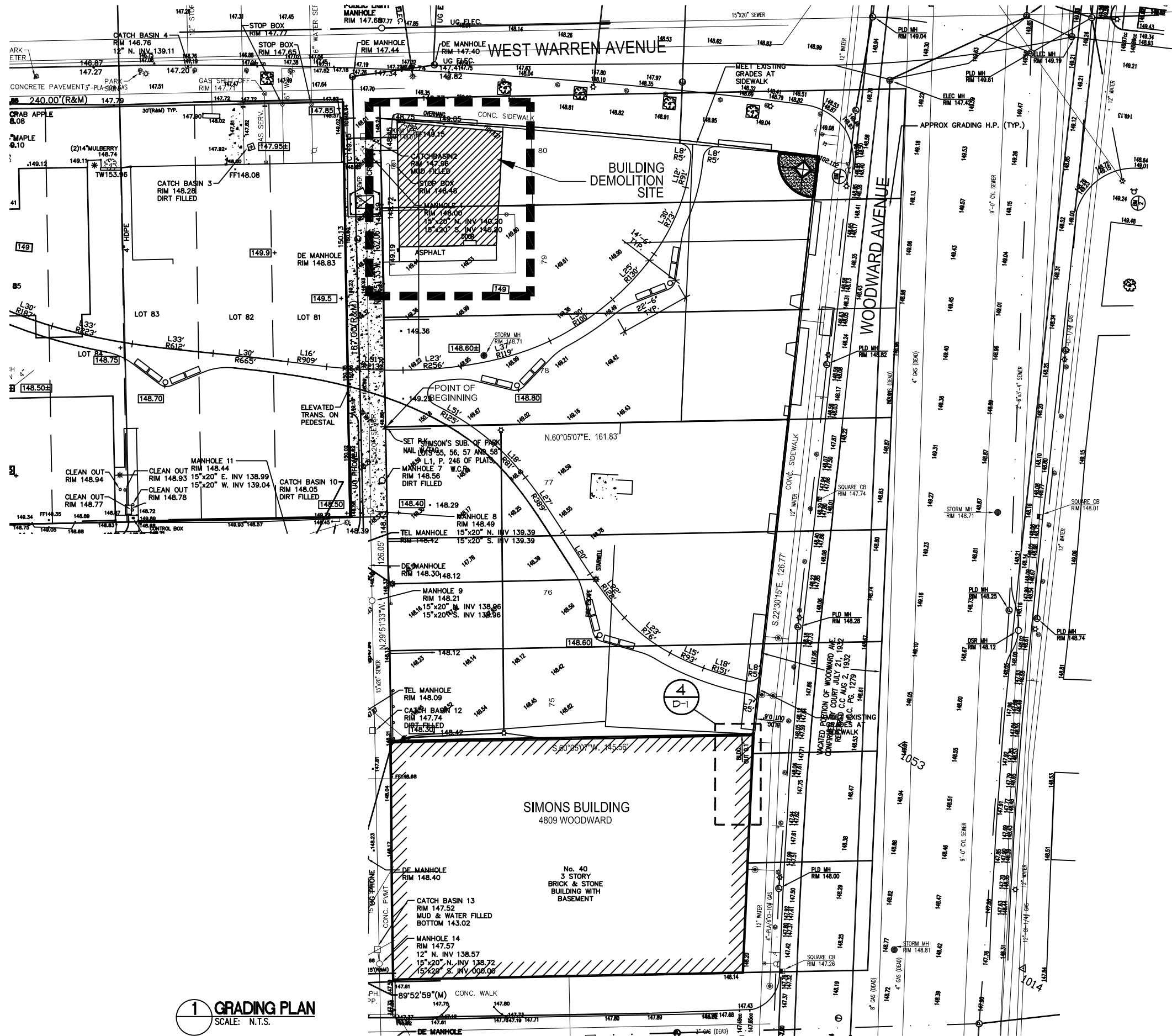
MISS DIG  
800-482-7171



### GENERAL NOTES:

- A. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM AUTHORITIES HAVING JURISDICTION OVER WORK. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- B. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
- C. PRIOR TO CONSTRUCTION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY IN THE FIELD, LOCATIONS OF ALL EXISTING UTILITIES WHETHER SHOWN ON PLANS OR NOT.
- D. CONTRACTOR SHALL ADHERE TO ALL WAYNE STATE UNIVERSITY HOURS OF OPERATION.
- E. CONTRACTOR SHALL USE APPROPRIATE CONSTRUCTION METHODS AND EQUIPMENT AND TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING STRUCTURES DESIGNATED TO REMAIN. ANY DAMAGE OCCURRING AS A RESULT OF CONTRACTOR ACTIVITY SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- F. DURING CONSTRUCTION, CONTRACTOR SHALL MAINTAIN SITE GRADING TO ENSURE STORM WATER WILL DRAIN FROM SITE ADEQUATELY. LOCAL DEPRESSIONS SHALL BE AVOIDED TO PREVENT PONDING. DRAINAGE SHALL BE ROUTED TO A COMMON COLLECTION BASIN OR SYSTEM.
- G. CONTRACTOR SHALL PERFORM ALL DEMOLITION AND/OR REMOVALS AS INDICATED ON THE PLANS. ALL MATERIALS ARE TO BE REMOVED FROM SITE AND DISPOSED OF IN AN ENVIRONMENTAL APPROPRIATE MANNER.
- H. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION STAKING, GRADE, AND ALIGNMENT CONTROLS. CONTRACTOR SHALL PROVIDE SUFFICIENT GRADE AND ALIGNMENT REFERENCES BY MEANS OF STAKES, STRINGLINES AND OTHER APPROVED MEANS.
- I. CONTRACTOR SHALL CONDUCT WORK IN A MANNER THAT AVOIDS INJURY OR DAMAGE TO ADJACENT PROPERTY OR IMPROVEMENTS. BUILDINGS, TREES, LIGHTS, SHRUBBERY, POLE LINES, FENCES, GUIDE POSTS, DRAINAGE STRUCTURES, PAVEMENTS AND OTHER OBJECTS ON OR ADJACENT TO THE WORK SITE THAT ARE NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED FROM INJURY OR DAMAGE. THE CONTRACTOR SHALL PROVIDE AND INSTALL SUITABLE SAFEGUARDS TO PROTECT ANY OBJECT FROM INJURY OR DAMAGE.
- J. CONTRACTOR SHALL PROTECT EXISTING PAVEMENT AND PAVEMENT EDGES AGAINST DAMAGE OR MARKING FROM EQUIPMENT WITH STEEL TRACKS AND FROM EQUIPMENT LOADED IN EXCESS OF STRENGTH OF PAVEMENT OR PAVEMENT EDGE. CONTRACTOR SHALL RESTORE ANY AREAS AND ROUTES TO THEIR ORIGINAL CONDITION BEFORE FINAL ACCEPTANCE OF WORK.
- K. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PLACEMENT AND COMPACTION OF BACKFILL MATERIALS CONFORM TO CONTRACT SPECIFICATIONS AND CONSTRUCTION DRAWINGS, INCLUDING STATED DENSITIES. THOUGH THE OWNER MAY CHOOSE TO ENGAGE INDEPENDENT MATERIALS TESTING SERVICES DURING THE SITE RESTORATION PHASE OF THE PROJECT, THIS IN NO WAY ALLEVIATES CONTRACTOR FROM THIS RESPONSIBILITY.
- L. UNDERGROUND UTILITIES AND SURFACE STRUCTURES TO REMAIN UNLESS SPECIFICALLY INDICATED TO BE REMOVED.
- M. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF WORK FOR BIDDING PURPOSES.
- O. PROTECT AND MAINTAIN ALL CITY OF DETROIT PARKING METERS.
- P. CONTRACTOR MUST PROVIDE TEMPORARY TOILET FACILITIES.
- Q. CONTRACTOR SHALL PROVIDE METHODS TO ENSURE DUST POLLUTION CONTROL DURING THE DEMOLITION PERIOD.
- R. TRAFFIC: CONDUCT SITE CLEARING OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR THE COST OF PERMIT.
- S. THERE IS NO WATER, GAS AND ELECTRICAL AVAILABLE ON SITE. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL UTILITIES REQUIRED FOR THE DURATION OF THE PROJECT.





1 GRADING PLAN  
SCALE: N.T.S.



WAYNE STATE UNIVERSITY - Facilities Planning & Management  
Subway 39 West Warren Building Demolition

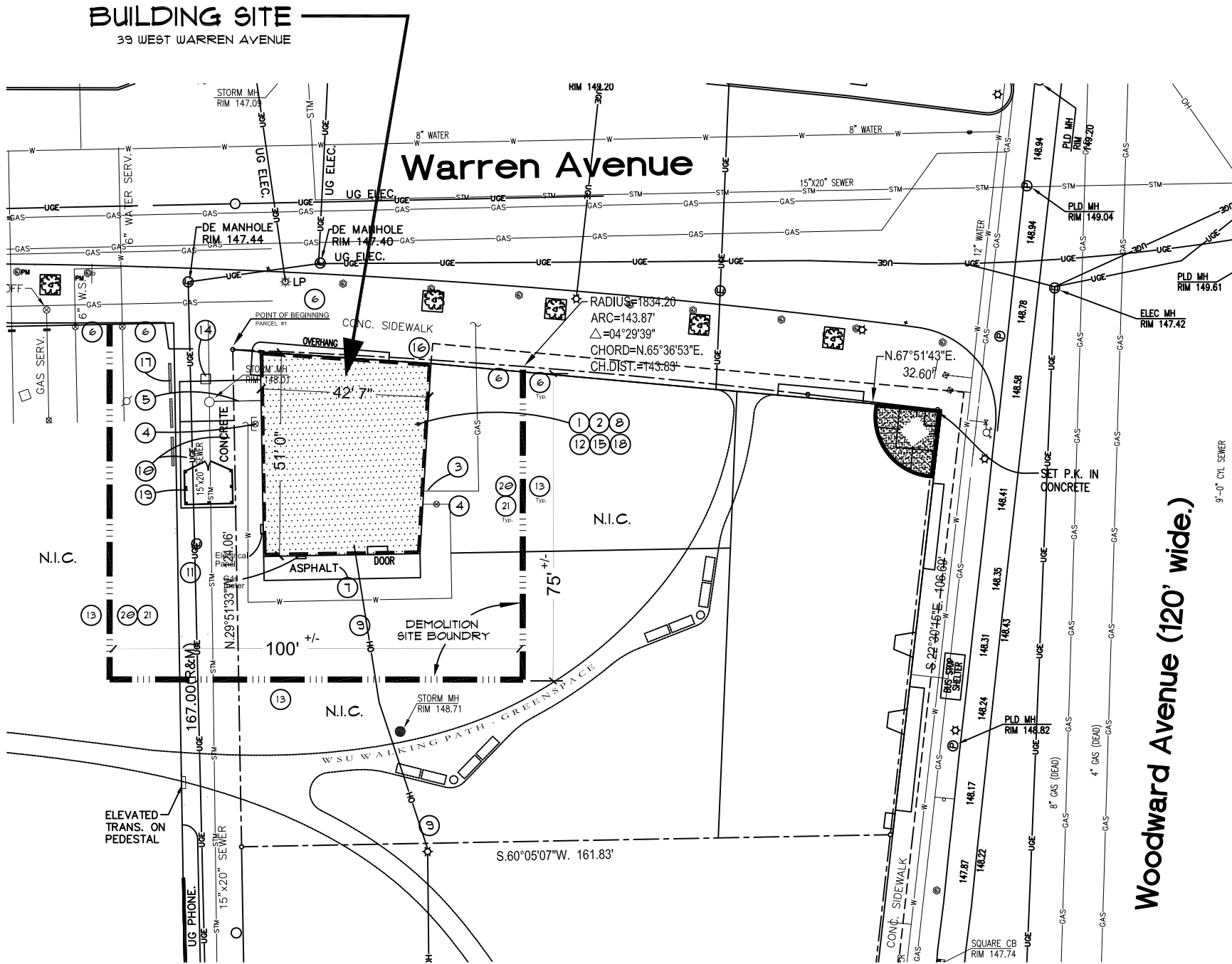
Wayne State University  
Facilities Planning & Management  
Design & Construction Services  
5454 Cass Avenue, Detroit, MI 48236

TITLE  
Site plan - Grading  
Demolition

SHEET NO.  
PROJECT NUMBER  
#999-241415  
DATE  
May 08, 2014

S-1

WAYNE STATE  
UNIVERSITY

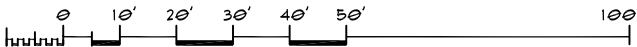


**SITE DEMOLITION PLAN**

SCALE : 3" = 100'-0"

**KEYNOTES - DEMOLITION :**

1. REMOVE COMPLETE BUILDING, INCLUDING ENTIRE FOUNDATION WALL AND FLOORS, INTERIOR STAIRS, CURBS, DOWN SPOUTS AND INTERIOR AND EXTERIOR SLABS. SEE D-1 AND D-2 FOR MORE INFORMATION.
2. REMOVE EXISTING WALL AND FOUNDATION. SEE SHEET D-1 FOR MORE INFORMATION OF EXISTING WALL ON EAST SIDE.
3. CAP AT PROPERTY LINE AND REMOVE PORTION OF EXISTING GAS LINE AND STRUCTURE. COORDINATE WITH LOCAL UTILITY COMPANY.
4. CAP AT PROPERTY LINE AND REMOVE PORTION OF EXISTING WATER LINE AND STRUCTURE. COORDINATE WITH THE CITY OF DETROIT.
5. REMOVE EXISTING STORM SEWER PIPE TO MANHOLE.
6. REPAIR ANY PAVEMENT DAMAGED AS A RESULT OF THE DEMOLITION WORK.
7. REMOVE EXISTING ASPHALT PAVEMENT AND AGGREGATE BASE COURSE. REFERENCE DETAIL ON SHEET D-2.
8. REMOVE EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED FOUNDATION.
9. REMOVE EXISTING OVERHEAD TELEPHONE LINE AT POLE SERVICING BUILDING. COORDINATE WITH AT & T.
10. REMOVE EXISTING CONCRETE PAVEMENT AND AGGREGATE BASE COURSE. DETAIL ON SHEET D-2.
11. REMOVE EXISTING ELECTRICAL PANELS. COORDINATE WITH LOCAL UTILITY COMPANY.
12. INSTALL INLET PROTECTION IN ALL CATCH BASINS FOR THE DURATION OF THE PROJECT. SEE DETAIL 4/D-2. INSTALL SOIL EROSION MEANS. SEE DETAIL 3/D-2.
13. CONTRACTOR IS TO REPLACE SOD DAMAGED DUE TO CONSTRUCTION ACTIVITY IN ANY ADJACENT AREAS TO WORK SITE.
14. CLEAN OUT EXISTING CATCH BASIN AND ASSOCIATED PIPING.
15. SANITARY SEWER PIPE TO BE CAPPED AT PROPERTY LINE AND REMOVED TO BUILDING.
16. REMOVE PAY PHONE AND STAND INCLUDING FOUNDATION. COORDINATE THE RETURN OF PHONE WITH PHONE COMPANY OR WAYNE STATE UNIVERSITY.
17. THREE (3) WHEELSTOPS TO BE REMOVED FROM WEST SIDE OF SITE AND SHALL BE RETURNED TO WAYNE STATE UNIVERSITY.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND INSTALLING ANY SHORING OR BRACING REQUIRED TO PROTECT EXISTING UTILITIES DURING DEMOLITION AND BACKFILL OPERATIONS.
19. REMOVE EXISTING WOOD FENCING, GATES, BOLLARD POSTS ( 2 ) AND CONCRETE PAD. SEE SHEET D-2 AND DETAIL 8-11.
20. CONNECT TO EXISTING IRRIGATION SYSTEM AND INSTALL SPRINKLER HEADS FOR COMPLETE COVERAGE OF GRASS AREAS. THE IRRIGATION DESIGN, CONFIGURATION AND EQUIPMENT TO BE PROVIDED BY CONTRACTOR. REFER TO SHEET D-1 FOR LOCATION OF EXISTING SPRINKLER CONTROL SYSTEM DETAIL # 4 / D-1.
21. UPON COMPLETION OF DEMOLITION, BACKFILL ALL EXCAVATIONS IN THEIR ENTIRETY. MATCH GRADES TO EXITING ADJACENT GRADES. INSTALL SEED IN THE ENTIRE DEMOLITION AREA INCLUDING THE BUILDING, CONCRETE WALKWAY AND WHERE THE PAVEMENT IS REMOVED.



BEFORE YOU DIG CALL  
MISS DIG  
800-482-7171

**WAYNE STATE  
UNIVERSITY**

**WAYNE STATE UNIVERSITY - Facilities Planning & Management**  
Subway 39 West Warren Building Demolition

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Facilities Planning & Management  
Design & Construction Services  
5454 Cass Avenue, Detroit, MI 48236

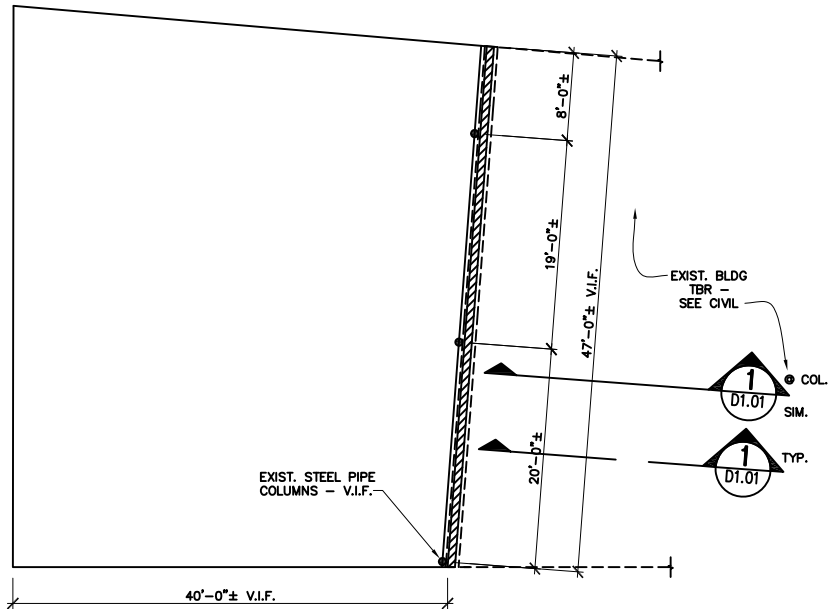
Utilities, Demolition, New Work

SHEET NO.

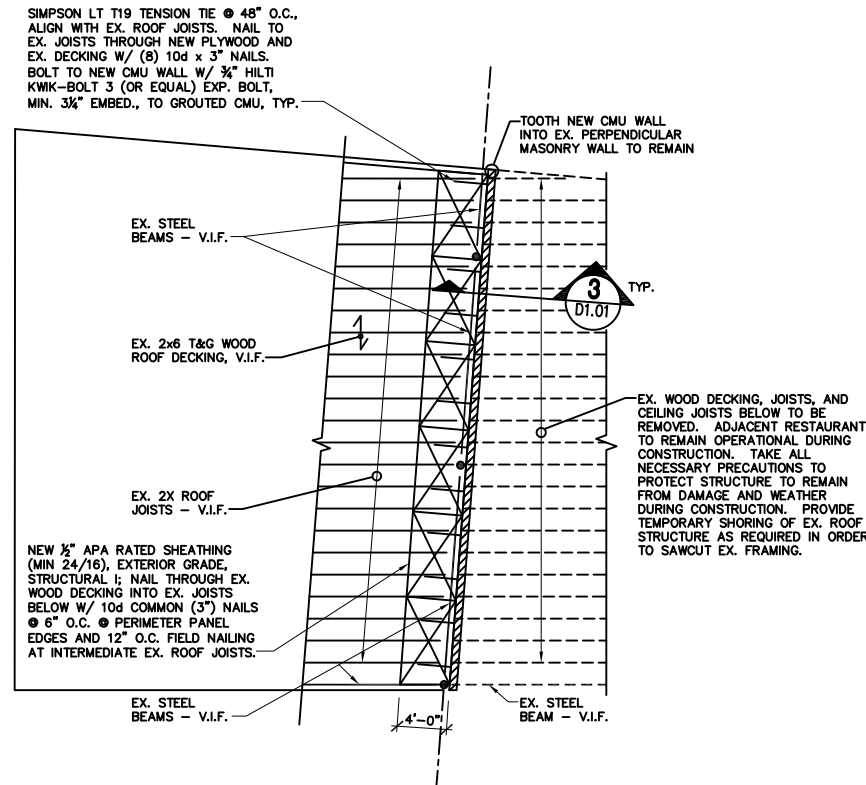
**S-2**

PROJECT NUMBER  
**#999-241415**

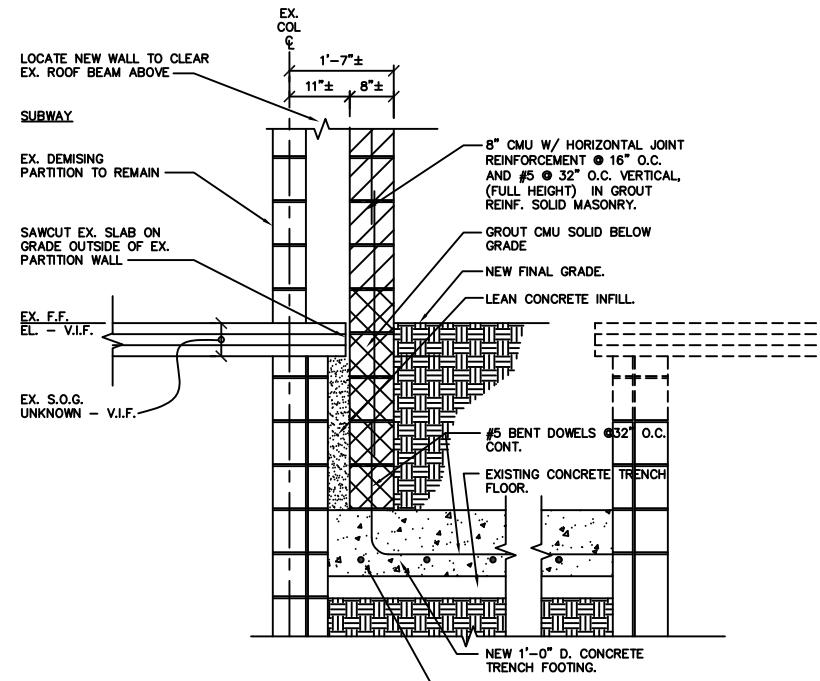
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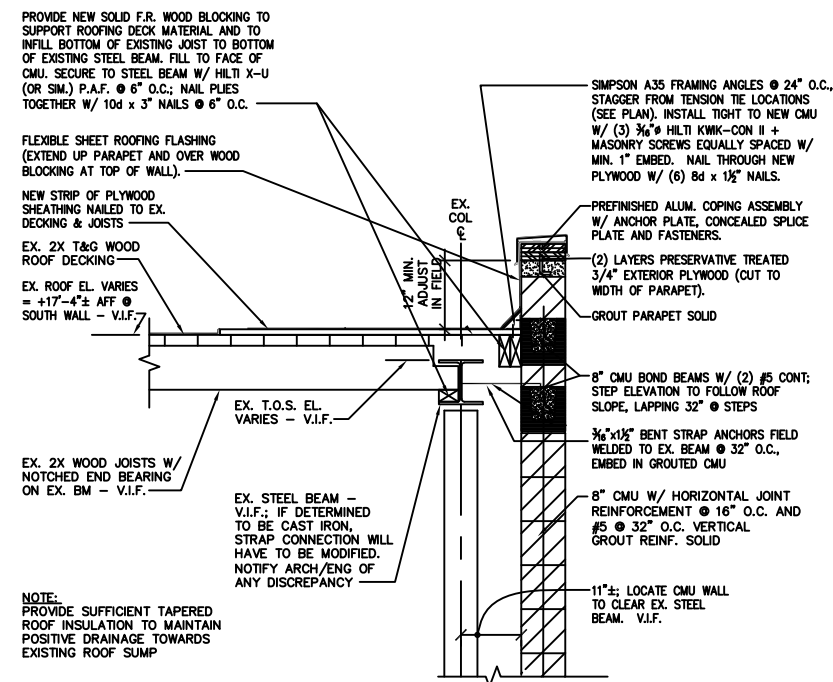
**FOUNDATION PLAN**  
SCALE: 1/8"=1'-0"



**ROOF PLAN**  
SCALE: 1/8"=1'-0"



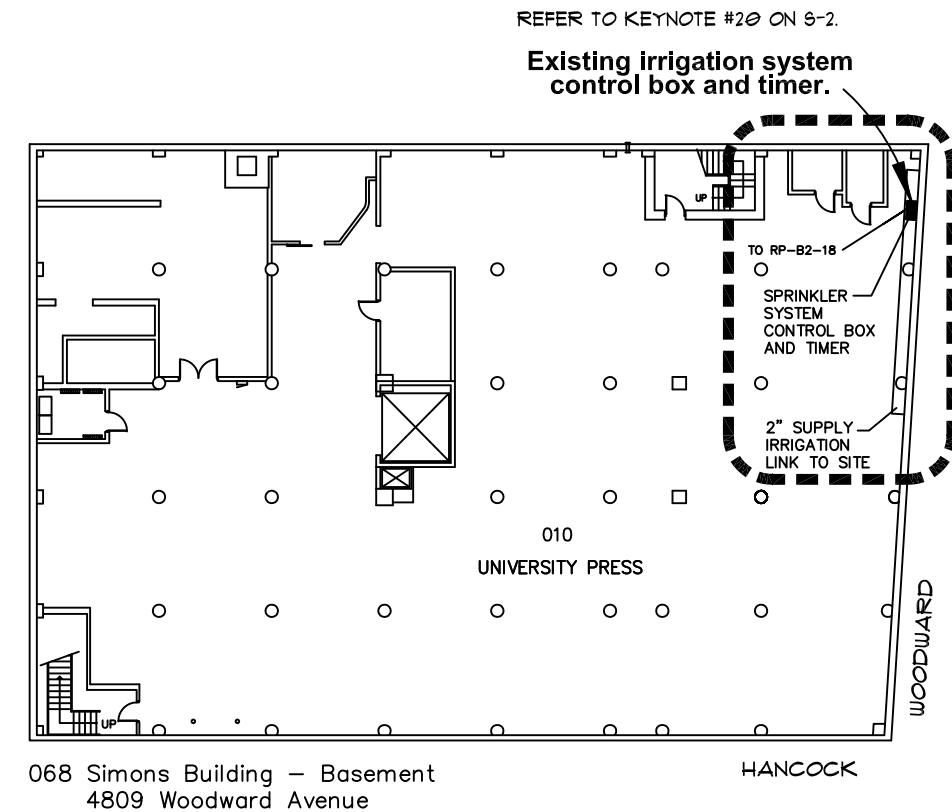
**1 SECTION**  
S1.01 SCALE: 3/4" = 1'-0"



**3 SECTION**  
S1.01 SCALE: 3/4" = 1'-0"

## GENERAL BUILDING DEMOLITION NOTES:

1. DETAILS ARE PROVIDED FOR REFERENCE ONLY AND ARE INTENDED TO DESCRIBE GENERAL MATERIALS AND CONSTRUCTION USED FOR ORIGINAL CONSTRUCTION.
2. THIS PROJECT WILL PROVIDE FOR ALL DEMOLITION REQUIRED TO REMOVE THE BUILDING AND FOUNDATION FROM THE SITE IN ITS ENTIRETY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO VISIT THE SITE TO BECOME FAMILIAR WITH THE PROJECT SCOPE PRIOR TO BIDS.



**4 SIMONS BLDG # 068 - Existing Irrigation System controls**  
S1.01 SCALE: N.T.S.

**For Reference Only**



EXISTING WALL DETAILS FOR DEMOLITION (EAST SIDE)  
DETAILS and SECTIONS

WAYNE STATE UNIVERSITY - Facilities Planning & Management  
Subway 39 West Warren Building Demolition

Existing Details - Issued for Reference Only

Wayne State University  
Facilities Planning & Management  
Design & Construction Services  
5454 Cass Avenue, Detroit, MI 48236

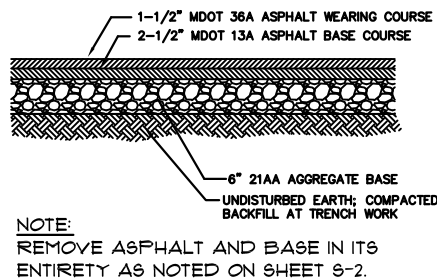
WAYNE STATE  
UNIVERSITY

SHEET NO.

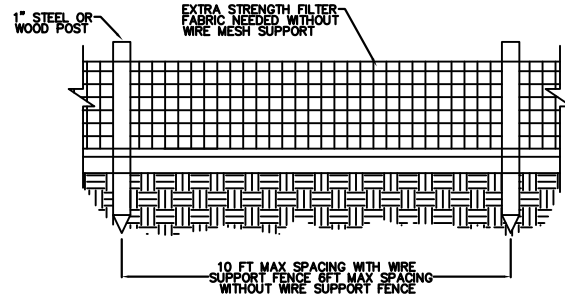
D-1

PROJECT NUMBER  
#999-247415

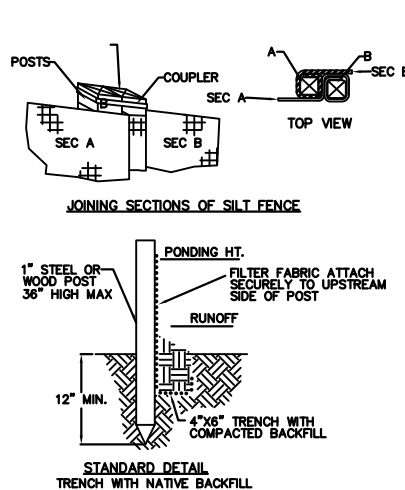
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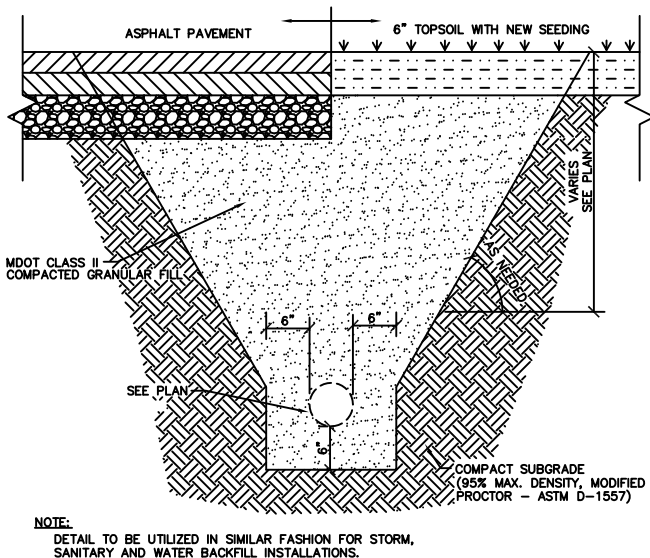
1 ASPHALT PAVEMENT DETAIL  
SCALE: NTS



3 SILT FENCE DETAIL  
SCALE: NTS



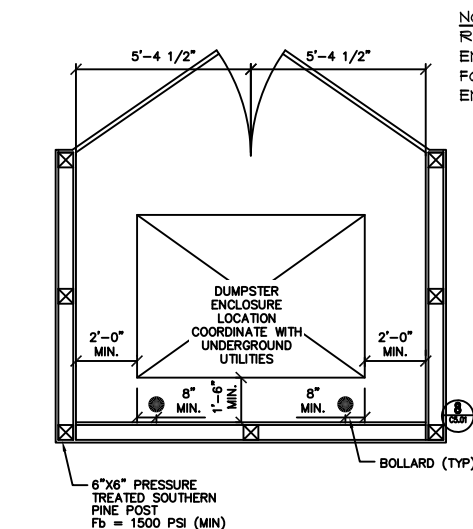
4 INLET PROTECTION  
SCALE: NTS



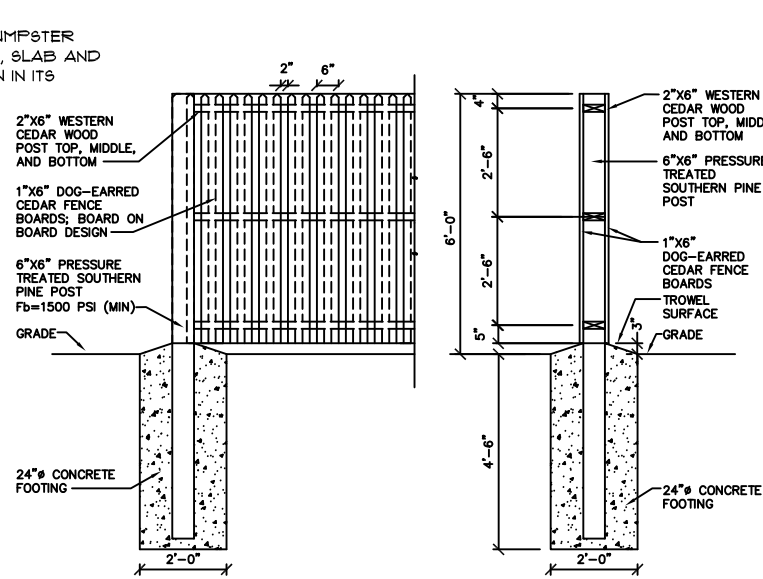
5 CONCRETE PAVEMENT  
SCALE: NTS

6 PIPE TRENCH DETAIL  
SCALE: NTS

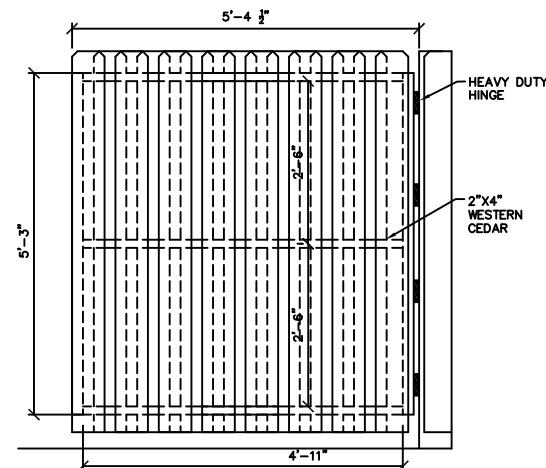
7 N/A  
SCALE: NTS



9 DEMOLISH DUMPSTER ENCLOSURE WOOD LAYOUT  
SCALE: NTS



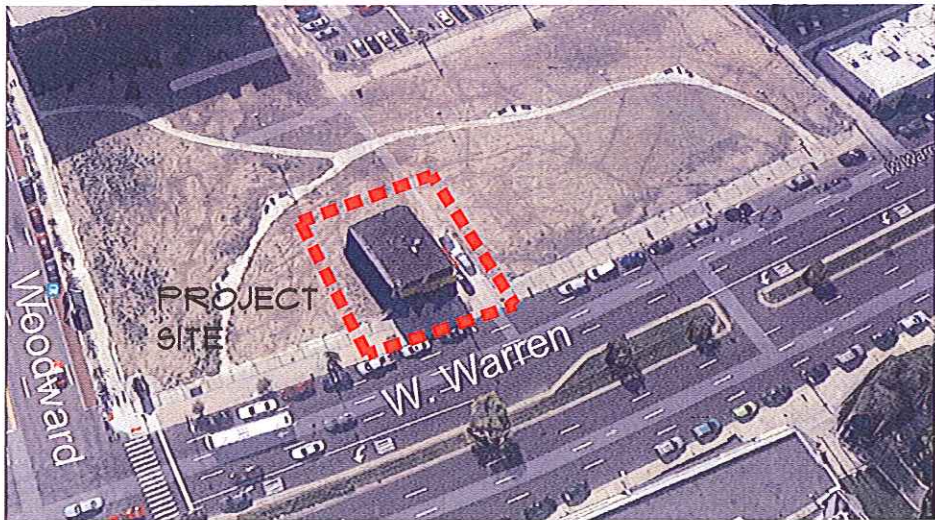
10 DEMOLISH WOOD FENCE-DUMPSTER ENCLOSURE  
SCALE: NTS



11 DEMOLISH DOUBLE SWING GATE-DUMPSTER ENCLOSURE  
SCALE: NTS







**Site Plan**  
039 W Warren - at Woodward Avenue



**Building - West side**  
Existing conditions



**Phone service**  
Located at NE corner of building



**Front Entrance**  
Subway Building - North view, Existing conditions

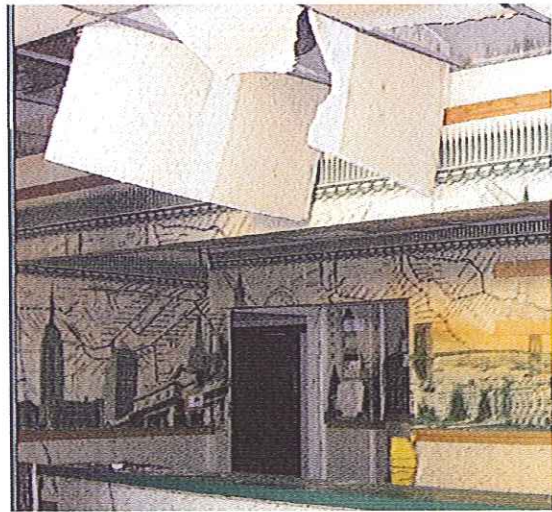


**Utilities**  
Subway Building - South view

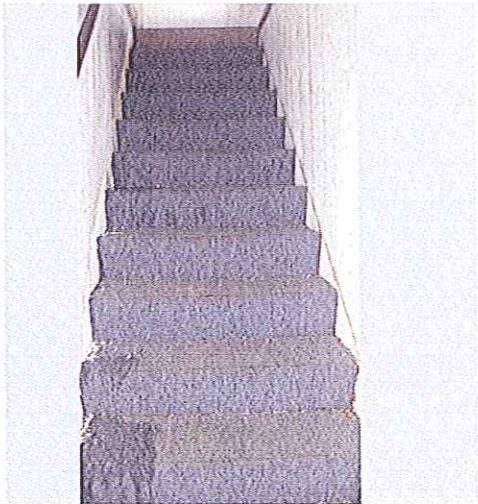


**Street View**  
Front and East side of building

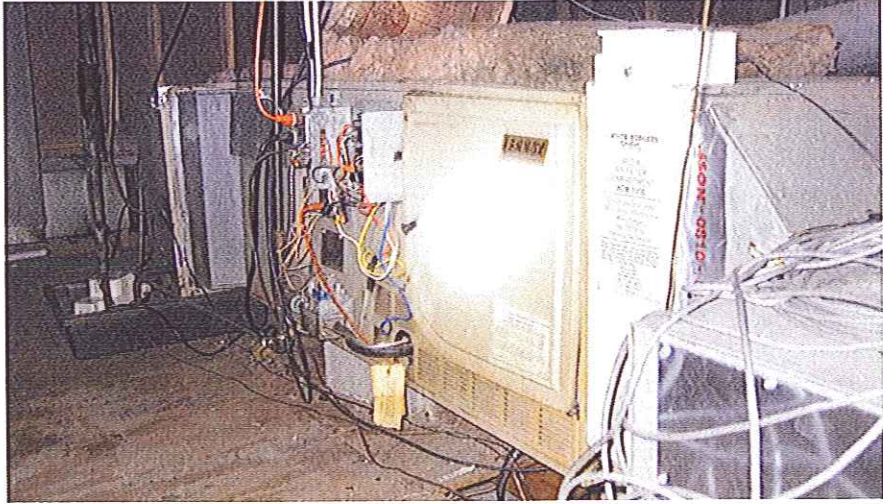
1. PROTECT EXISTING TREES AND LIGHT POLE.
2. PROTECT PARKING METERS.
3. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION. COORDINATE WITH THE CITY OF DETROIT.



**Interior - Ceiling**  
Ceiling Tiles and Light fixtures



**Stairs to Mezzanine**  
Stairwell



**HVAC Equipment in Mezzanine**  
HVAC units