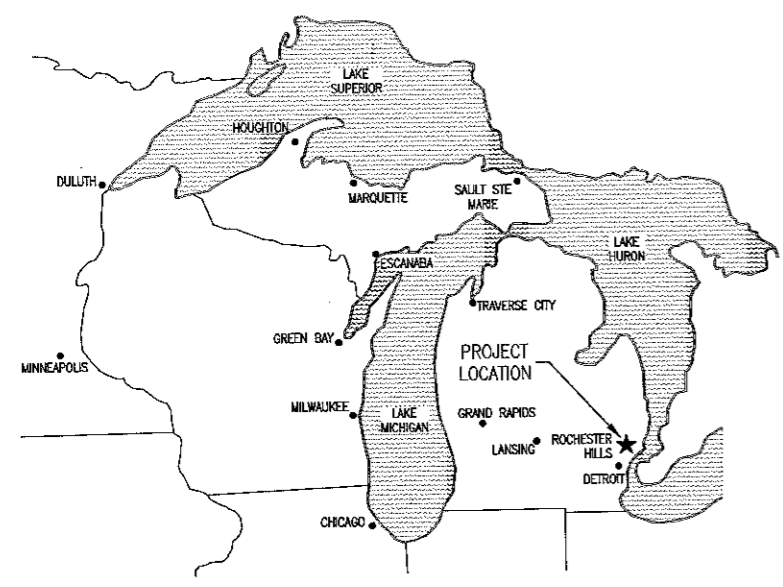




# CITY OF ROCHESTER HILLS

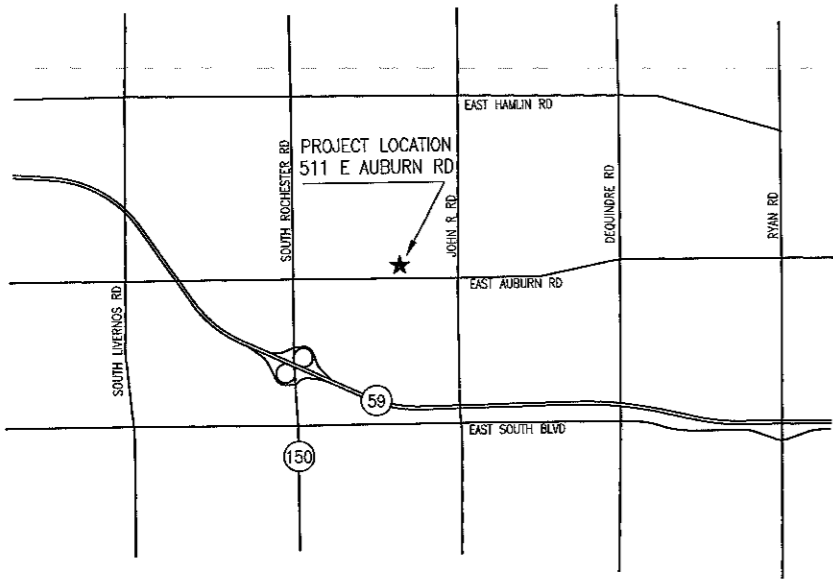
## SALT STORAGE BUILDING

ROCHESTER HILLS, MICHIGAN 48309



**ARCHITECT/ENGINEER:**  
 Orchard, Hiltz & McCliment  
 34000 Plymouth Rd.  
 Livonia, MI 48150  
 734.522.6711  
 CONTACT - Wayne Hoppe  
 Project Architect

**OWNER:**  
 City of Rochester Hills  
 1000 Rochester Hills Drive  
 Rochester Hills, Michigan 48309  
 248.841.2504  
 CONTACT - Tracey Balint, P.E.  
 Project Manager



- GENERAL NOTES:**
- GENERAL NOTES APPLY TO ALL DRAWINGS
  - DO NOT SCALE DRAWINGS. ANY DIMENSIONAL INFORMATION REQUIRED WHICH IS NOT INDICATED ON DRAWING DIMENSION STRINGS SHALL BE OBTAINED FROM THE ARCHITECT.
  - DIMENSIONS SHOWN ARE FINISH SURFACE OF EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
  - CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS (I.E. EXISTING MATERIALS, FRAMING MEMBER SIZES AND LOCATIONS, METHODS OF CONSTRUCTION). IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
  - CONTRACTOR SHALL PAY ALL PERMIT FEES.
  - CONTRACTOR SHALL MAINTAIN THE IMMEDIATE CONSTRUCTION SITE IN A SECURE, CLEAN AND SAFE MANNER.
  - PROTECTION: CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR TAKING ALL STEPS NECESSARY TO PROTECT THE PUBLIC FROM INJURY AND ADJACENT PROPERTY DAMAGES DURING CONSTRUCTION AS REQUIRED BY LOCAL CODES.
  - REPAIR ALL EXISTING CONSTRUCTION AFFECTED BY NEW WORK TO ITS ORIGINAL CONDITION.

**SITE PLAN APPROVAL**  
 Project No. 0190110021  
 Date: 19 OCT 2012

**DRAWING INDEX:**

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| COVER SHEET           |                                     |
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| ME401                 | DETAILS & SCHEDULES                 |

I Certify That The Architectural Plans Were Prepared Under My Direct Supervision

I Certify That The Engineering Plans Were Prepared Under My Direct Supervision

|   |                 |            |                 |
|---|-----------------|------------|-----------------|
| DATE  | 19 OCT 2012     | DATE       | 19 OCT 2012     |
| BY  | DK              | DATE       | 19 OCT 2012     |
| CHKD  | DK              | DATE       | 19 OCT 2012     |
| ENGR/ARCH   | WH              | TOWN       | CLYDE           |
| FRAMER  | WH              | SECTION    |                 |
| PROJ  | WH              | CITY       | ROCHESTER HILLS |
| CITY/TOWNSHIP   | ROCHESTER HILLS | COUNTY     |                 |
| SCALE   | HAS NOTED       | SCALE      | HAS NOTED       |
| REVISIONS   |                 | REVISIONS  |                 |
| 0190110021  |                 | 0190110021 |                 |
| WWW.OHM-ADVISORS.COM  |                 |            |                 |
| 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427   |                 |            |                 |
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SALT STORAGE BUILDING  
 COVER SHEET

SHEET  
 DT

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**WATER & SEWER UTILITY SYMBOLS**

**EXISTING**

- <sub>ST</sub> STORM MANHOLE
- SQUARE CATCH BASIN
- ⊕ ROUND CATCH BASIN
- == CULVERT
- CULVERT W/O END SECTION
- ) CULVERT W/END SECTION
- <sub>S</sub> SANITARY MANHOLE
- ⊙ CLEAN OUT
- ⊗<sub>GW</sub> GATE VALVE & WELL
- ⊗ GATE VALVE & BOX
- ⊗<sub>W</sub> WATER STOP BOX
- ⊕ FIRE HYDRANT
- ⊕<sub>MP</sub> METER PIT
- ⊕ WATER METER
- ⊕<sub>SH</sub> SPRINKLER HEAD
- ⊕<sub>IR</sub> IRRIGATION VALVE

**PROPOSED**

- STORM MANHOLE
- INLET/CATCH BASIN
- ) CULVERT END SECTION
- SANITARY MANHOLE
- ⊗<sub>GW&W</sub> GATE VALVE & WELL
- ⊗<sub>GW&B</sub> GATE VALVE & BOX
- ⊗<sub>TS&W</sub> TAPPING SLEEVE VALVE & WELL
- ⊗<sub>TS&B</sub> TAPPING SLEEVE VALVE & BOX
- ⊕ FIRE HYDRANT

**REAL ESTATE SYMBOLS**

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

**MISCELLANEOUS UTILITY SYMBOLS**

**EXISTING**

- ⊖ GUY WIRE
- ⊖<sub>GP</sub> GUY POLE
- ⊖<sub>U</sub> UTILITY POLE
- ⊕<sub>UL</sub> UTILITY POLE W/LIGHT
- ⊕<sub>LD</sub> LIGHT/DECOR LAMP POLE
- ⊕ FLOOD LIGHT
- ⊕<sub>GV</sub> GAS VALVE
- ⊕<sub>GV</sub> GAS VENT
- ⊕<sub>GM</sub> GAS METER
- ⊕<sub>GR</sub> GAS RISER
- ⊕<sub>TS</sub> TRAFFIC SIGNAL
- ⊕<sub>PE</sub> PEDESTRIAN RISER
- ⊕<sub>TP</sub> TRANSFORMER PAD
- ⊕<sub>U</sub> PRIVATE UTILITY MANHOLE
- ⊕<sub>R</sub> RAILROAD CROSSING
- ⊕<sub>E</sub> ELECTRIC METER
- ⊕<sub>PB</sub> PHONE BOOTH
- ⊕<sub>TS</sub> TRAFFIC SIGNAL CONTROLLER
- ⊕ HAND HOLE
- ⊕<sub>E</sub> ELECTRIC RISER
- ⊕<sub>T</sub> TELEPHONE RISER
- ⊕<sub>C</sub> CABLE TV RISER
- ⊕<sub>W</sub> MONITORING WELL
- ⊕ UNDERGROUND MARKER

**MISCELLANEOUS SYMBOLS**

**EXISTING**

- ⊕ RIPRAP
- ⊕ SIGN
- FLOW DIRECTION
- ⊕ STUMP
- ⊕ WETLAND
- ⊕<sub>CT</sub> CONIFEROUS TREE } CL 1 1" TO 5"
- ⊕<sub>CD</sub> DECIDUOUS TREE } CL 2 6" TO 17"
- ⊕<sub>CS</sub> CONIFEROUS SHRUB } CL 3 18" TO 35"
- ⊕<sub>CS</sub> DECIDUOUS SHRUB } CL 4 36" AND UP
- ⊕<sub>SB</sub> SOIL BORING
- ⊕<sub>SC</sub> SECTION CORNER
- MONUMENT
- IRON ROD/PIPE
- ⊕<sub>PK</sub> PK NAIL
- <sub>BM</sub> BENCHMARK
- ⊕<sub>TP</sub> TRAVERSE POINT
- ⊕ MAIL/NEWSPAPER BOX
- ⊕<sub>FP</sub> 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
- ⊕<sub>WM</sub> STRUCTURE NUMBER WM } SAN
- ⊕<sub>STM</sub> STRUCTURE NUMBER STM } STM
- ⊕ ADA SIDEWALK RAMP

**UTILITY PATTERN**

**EXISTING**

- ELEC --- ELECTRICAL \*
- 6" (COMPANY) GAS --- GAS/OIL
- (COMPANY) CABLE/TEL --- CABLE/TELEPHONE \*
- FIBER OPTIC --- FIBER OPTIC \*
- 12" WM --- WATER
- 12" SAN --- SANITARY
- 12" STM --- STORM

**PROPOSED**

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

**ROW PATTERN**

**EXISTING**

- ROW --- ROW
- SECTION --- SECTION
- PROPERTY/PARCEL --- PROPERTY/PARCEL

**PROPOSED**

- ROW --- ROW

**TOPO PATTERN**

**EXISTING**

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

**PROPOSED**

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

**REMOVAL LEGEND**

- ▨ SIDEWALK REMOVAL
- ▨ HMA SURFACE REMOVAL
- ▨ PAVEMENT REMOVAL
- ▨ COLD MILLING HMA SURFACE
- ▨ HMA BASE CRUSHING AND SHAPING

--- CURB AND GUTTER, REM

⊗ TREE, REM

S-XXXXXX SALVAGE

B-XXXXXX BULKHEAD

A-XXXXXX ABANDON

R-XXXXXX REMOVE

ADJ-XXXXXX ADJUST

REL-XXXXXX RELOCATE

REC-XXXXXX RECONSTRUCT

R B/O-XXXXXX REMOVE BY OTHERS

ADJ B/O-XXXXXX ADJUST BY OTHERS

REL B/O-XXXXXX RELOCATE BY OTHERS

**IF NECESSARY FOR CLARITY**

- Ⓢ SALVAGE
- ⓑ BULKHEAD
- ⓐ ABANDON
- Ⓒ CLEARING
- Ⓡ REMOVE
- ⓇⓁ RELOCATE
- ⓇⓇ RECONSTRUCT
- ⓇⓁ B/O RELOCATE BY OTHERS
- ⓇⓁ B/O ADJUST BY OTHERS

**SPECIAL LEGEND**



|      |           |     |     |           |     |         |    |      |     |       |     |        |         |               |                 |           |              |                      |
|------|-----------|-----|-----|-----------|-----|---------|----|------|-----|-------|-----|--------|---------|---------------|-----------------|-----------|--------------|----------------------|
| DATE | 9/14/2012 | CHD | NLG | PROJ/ARCH | WHI | SECTION | 26 | TOWN | TRN | RANGE | R1E | COUNTY | OAKLAND | CITY/TOWNSHIP | ROCHESTER HILLS | REVISIONS | 0190-11-0021 | WWW.OHM-ADVISORS.COM |
|------|-----------|-----|-----|-----------|-----|---------|----|------|-----|-------|-----|--------|---------|---------------|-----------------|-----------|--------------|----------------------|

SALT STORAGE BUILDING  
CIVIL / SITE LEGEND

SHEET  
C101

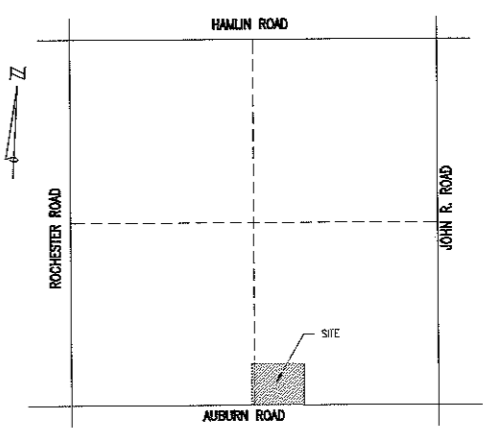
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|               |   |                |   |
|---------------|---|----------------|---|
| DATE          | 8/14/2012   | CLIENT         | CITY OF ROCHESTER HILLS   |
| PROJECT       | 15-26-451-032   | PROJECT NO.    | 15-26-451-032   |
| PROJ. NO.     | 15-26-451-032   | PROJ. NAME     | SALT STORAGE BUILDING CONSTRUCTION PLANS                                      |
| PROJ. NAME    | SALT STORAGE BUILDING CONSTRUCTION PLANS                                      | PROJ. TYPE     | CONSTRUCTION  |
| PROJ. TYPE    | CONSTRUCTION  | PROJ. STATUS   | REVISIONS   |
| PROJ. STATUS  | REVISIONS   | PROJ. OWNER    | 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427 |
| PROJ. OWNER   | 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427 | PROJ. CONTACT  | WWW.OHM-ADVISORS.COM  |
| PROJ. CONTACT | WWW.OHM-ADVISORS.COM  | PROJ. NO.      | 0190-11-0021  |
| PROJ. NO.     | 0190-11-0021  | PROJ. DATE     | 11/12/2012  |
| PROJ. DATE    | 11/12/2012  | PROJ. TIME     | 11/12/2012  |
| PROJ. TIME    | 11/12/2012  | PROJ. COST     |   |
| PROJ. COST    |   | PROJ. BUDGET   |   |
| PROJ. BUDGET  |   | PROJ. STATUS   |   |
| PROJ. STATUS  |   | PROJ. COMMENTS |   |

**SALT STORAGE BUILDING CONSTRUCTION PLANS  
TOPO SURVEY AND REMOVAL PLAN**

SHEET  
**C201**



**BENCHMARKS**

**MASTER BENCHMARK:**  
GPS CONTROL MONUMENT LOCATED IN GREEN IRRIGATION VALVE BOX AT THE SOUTH SIDE OF DPS BUILDING WITH ELEV. OF 718.05 TAKEN FROM TOP OF REBAR IN THE CENTER OF MONUMENT.

**SITE BENCHMARK NO.1:**  
SET GME TAG #63666 IN NORTH FACE OF THE SECOND UTILITY POLE ON THE WEST OF THE EAST ENTRANCE, NORTH OF AUBURN ROAD. ELEVATION: 717.50

**SITE BENCHMARK NO.2:**  
SET GME TAG #63667 IN NORTH FACE OF THE FIFTH UTILITY POLE WITH SPEED SIGN ON THE EAST OF THE EAST ENTRANCE, NORTH OF AUBURN ROAD. ELEVATION: 713.25

**UTILITY STATEMENT**

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

(R) = UTILITY SHOWN FROM RECORDS OR PLANS, & FIELD LOCATED WHERE POSSIBLE.

PRIOR TO THE PLANNED BUILDING IMPROVEMENTS, AND/ OR CONSTRUCTION, THE RESPECTIVE UTILITY COMPANIES MUST BE NOTIFIED TO STAKE THE PRECISE LOCATION OF THEIR UTILITIES.

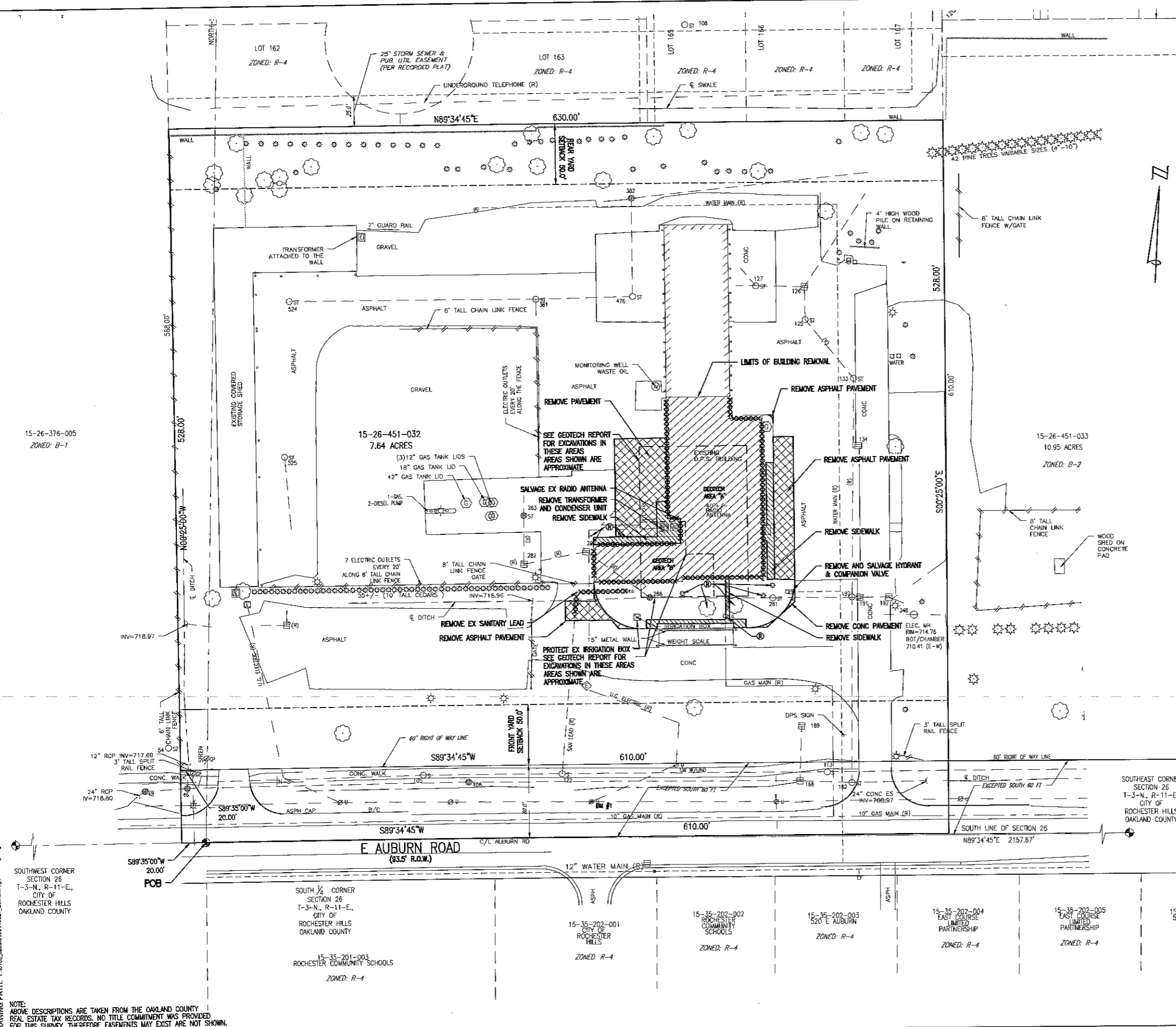
**SITE PLAN DATA**

**TOTAL LAND AREA:** 7.64 ACRES  
**EXISTING USE:** DPS GARAGE AND STORAGE FACILITY  
**PROPOSED USE:** DPS GARAGE, STORAGE FACILITY AND SALT STORAGE  
**ZONING CLASSIFICATION:** R-4, RESIDENTIAL  
**SEE EX CONDITIONS PLAN FOR SURROUNDING PROPERTIES**  
**PARCEL ID:** 15-26-451-032  
**LEGAL DESCRIPTION:** PART OF THE SOUTH 1/2 OF SECTION 26, T-3-N, R-11-E, CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: BEGINNING AT THE SOUTH 1/4 CORNER OF SECTION 26; THENCE S.89°35'00"W, 20.00 FEET ALONG THE SOUTH LINE OF SAID SECTION 26; THENCE N.00°25'00"W, 588.00 FEET TO THE SOUTHWEST CORNER OF "EDINSHIRE SUBDIVISION NO.3" AS RECORDED IN LIBER 155, PAGES 1 AND 2 OF PLATS, OAKLAND COUNTY RECORDS; THENCE N.89°34'45"E, 630.00 FEET ALONG THE SOUTH LINE OF SAID SUBDIVISION; THENCE S.00°25'00"E, 588.00 FEET TO A POINT ON THE SOUTH LINE OF SAID SECTION 26; THENCE S.89°34'45"W, 610.00 FEET ALONG SAID SOUTH LINE TO THE POINT OF BEGINNING, EXCEPTING THEREFROM THE SOUTH 60 FEET TAKEN FOR AUBURN ROAD, CONTAINING 7.64 ACRES.

**LEGEND**

- BUILDING REMOVAL AREA
- PAVEMENT REMOVAL AREA
- SIDEWALK REMOVAL AREA
- UTILITY / BUILDING REMOVAL LINE
- REMOVE ITEM
- SALVAGE ITEM

3 FULL WORKING DAYS BEFORE YOU DIG  
 CALL MISS DIG @ 1-800-482-7171  
 Member utilities are required to locate their facilities at no charge to the caller



15-26-376-005  
ZONED: B-1

15-26-451-032  
7.64 ACRES

15-26-451-033  
10.95 ACRES  
ZONED: B-2

**NOTE:**  
 ABOVE DESCRIPTIONS ARE TAKEN FROM THE OAKLAND COUNTY REAL ESTATE TAX RECORDS. NO TITLE COMMITMENT WAS PROVIDED FOR THIS SURVEY. THEREFORE EASEMENTS MAY EXIST ARE NOT SHOWN. EASEMENTS SHOWN HERE ARE PROVIDED BY OWNER.

TOPOGRAPHIC SURVEY PREPARED BY  
 GIFFELS-WEBSTER ENGINEERS, INC.

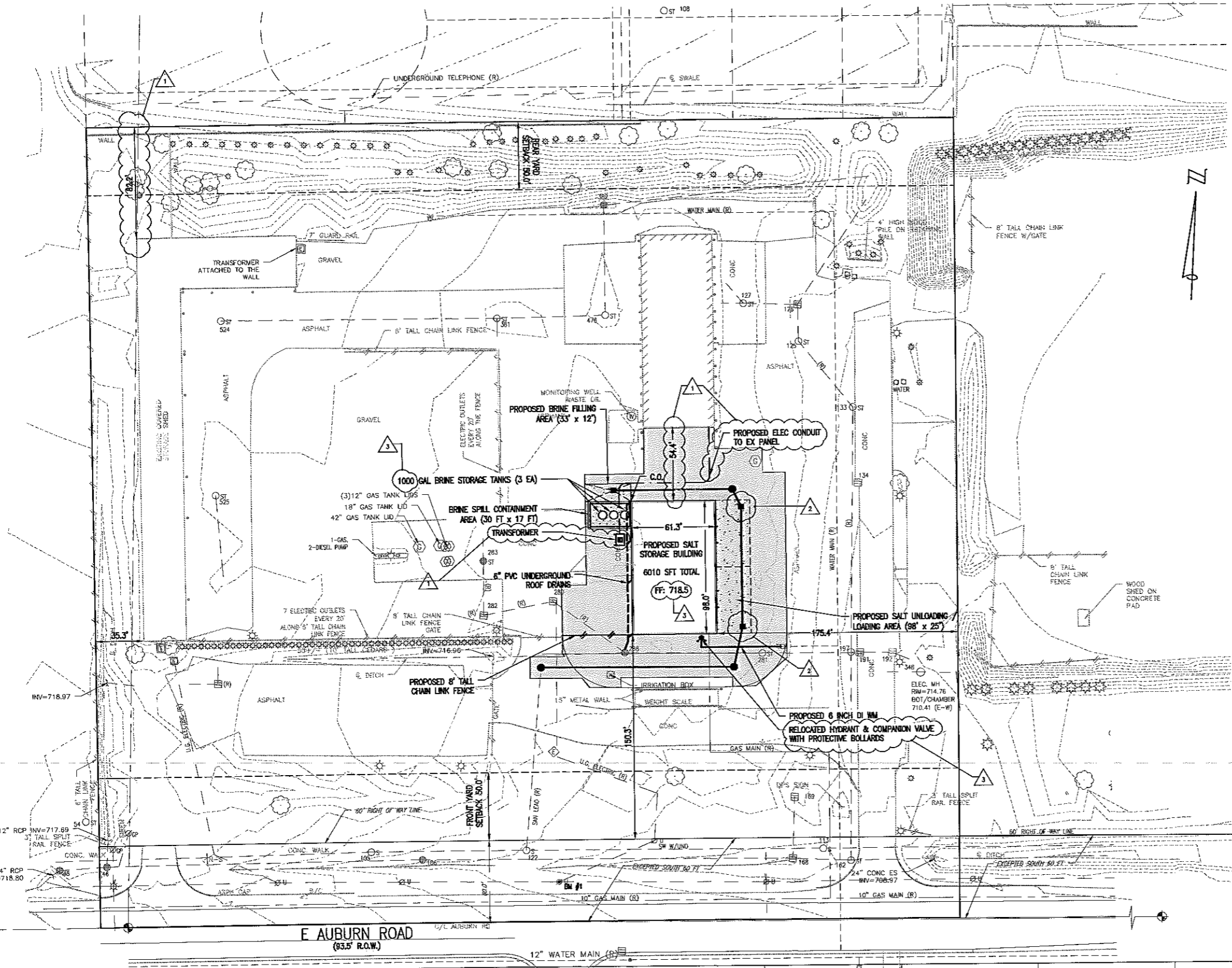


VERLAINA  
NAC0334  
SCALE: V. 1"=4'  
H. 1"=40'  
CITY/LIBERTYSHIP  
ROCHESTER HILLS  
0190-11-0021

CITY OF ROCHESTER HILLS  
COUNTY: OAKLAND  
PROJECT: 34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427

REVISIONS:  
1. 9/20/12-Owner Requested Revisions  
2. 10/19/12 Site Plan Approval  
3. 11/19/2012 OWNER REQUESTED CHANGES

SALT STORAGE BUILDING  
CONSTRUCTION PLANS  
SITE PLAN  
SHEET  
C301



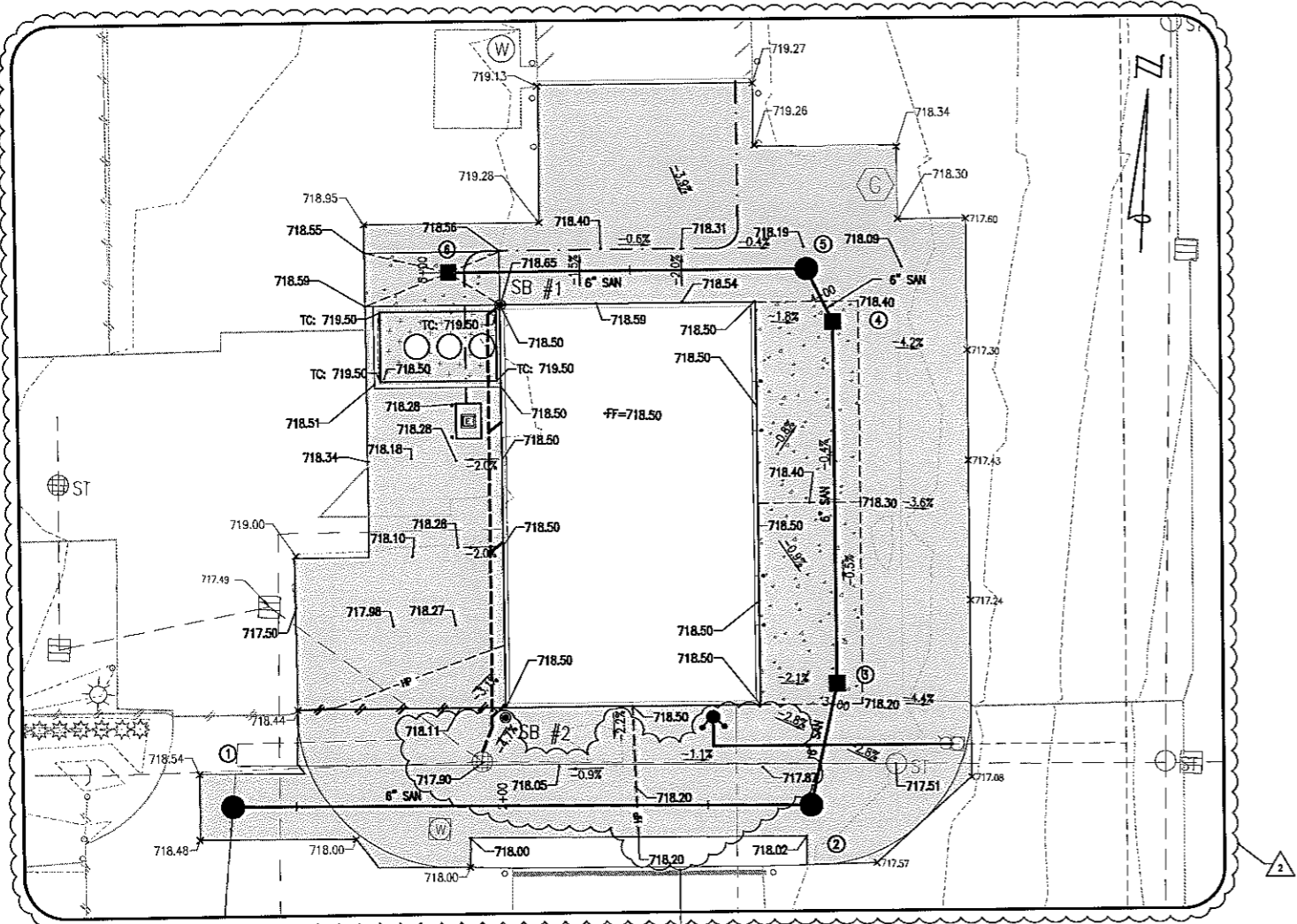
|                 | FRONT  | SIDE (W) | SIDE (E) | REAR  |
|-----------------|--------|----------|----------|-------|
| REQUIRED        | 50'    | 0'       | 0'       | 50'   |
| PROVIDED - EX   | 150.3' | 35.3'    | 149.9'   | 82.2' |
| PROVIDED - PROP | 150.3' | 35.3'    | 175.4'   | 82.2' |

- FIRE DEPARTMENT NOTES**
- FIRE LANES SHALL BE DESIGNATED BY THE FIRE CODE OFFICIAL, AND SHALL BE CONSPICUOUSLY POSTED ON BOTH SIDES OF THE FIRE LANE, WITH FIRE LANE SIGNS, SPACED NOT MORE THAN 100 FEET APART. FIRE LANE SIGNS SHALL READ "NO STOPPING, STANDING, PARKING, FIRE LANE", AND SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.  
*FIRE PREVENTION ORDINANCE CHAPTER 58, SEC. 503*
  - CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH IFC 2006 CHAPTER 14.
  - OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS, OR LAND CLEARING MATERIALS. OPEN BURNING FOR WARMING OF SAND AND/OR WATER FOR THE PREPARATION OF MORTAR SHALL BE WITHIN THE CITY OF ROCHESTER HILLS BURN PERMIT GUIDELINES.  
*FIRE PREVENTION ORDINANCE CHAPTER 58, SEC. 307.6.2 & 307.6.2.3*

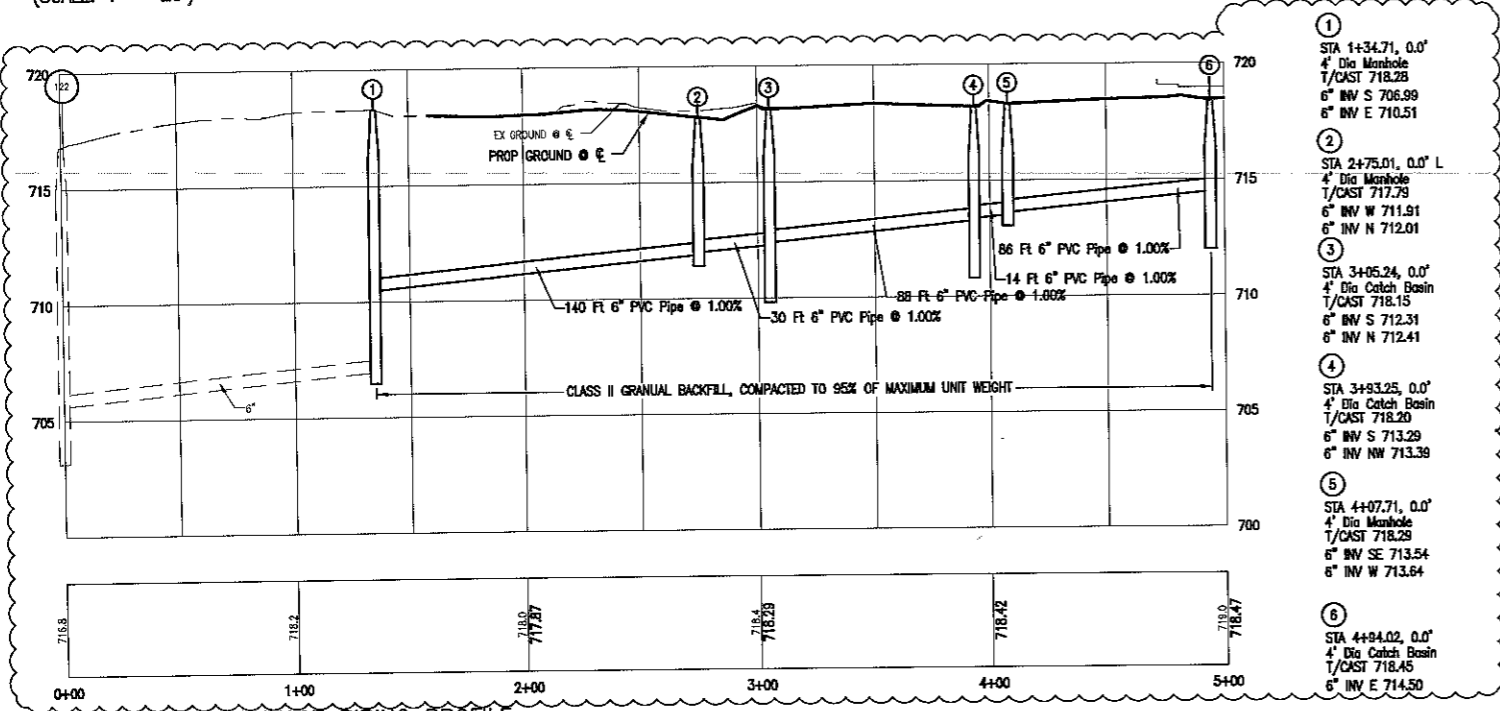
- LEGEND**
- 8" NON-REINF CONCRETE
  - 6" NON-REINF CONCRETE
  - 6.5" DEEP STRENGTH ASPHALT PAVEMENT

3 FULL WORKING DAYS  
BEFORE YOU DIG  
CALL MISS DIG @  
1-800-482-7171  
Member utilities are required to locate their facilities at no charge to the caller.

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SITE GRADING  
(SCALE: 1" = 20')



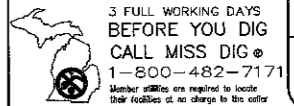
SALT STORAGE DRAINAGE PIPING PROFILE  
(SCALE: H: 1" = 40' V: 1" = 4')

- ① STA 1+34.71, 0.0'  
4" Dia Manhole  
T/CAST 718.28  
6" INV S 706.99  
6" INV E 710.51
- ② STA 2+75.01, 0.0' L  
4" Dia Manhole  
T/CAST 717.79  
6" INV W 711.91  
6" INV N 712.01
- ③ STA 3+05.24, 0.0'  
4" Dia Catch Basin  
T/CAST 718.15  
6" INV S 712.31  
6" INV N 712.41
- ④ STA 3+93.25, 0.0'  
4" Dia Catch Basin  
T/CAST 718.20  
6" INV S 713.29  
6" INV NW 713.39
- ⑤ STA 4+07.71, 0.0'  
4" Dia Manhole  
T/CAST 718.29  
6" INV SE 713.54  
6" INV W 713.64
- ⑥ STA 4+94.02, 0.0'  
4" Dia Catch Basin  
T/CAST 718.45  
6" INV E 714.50

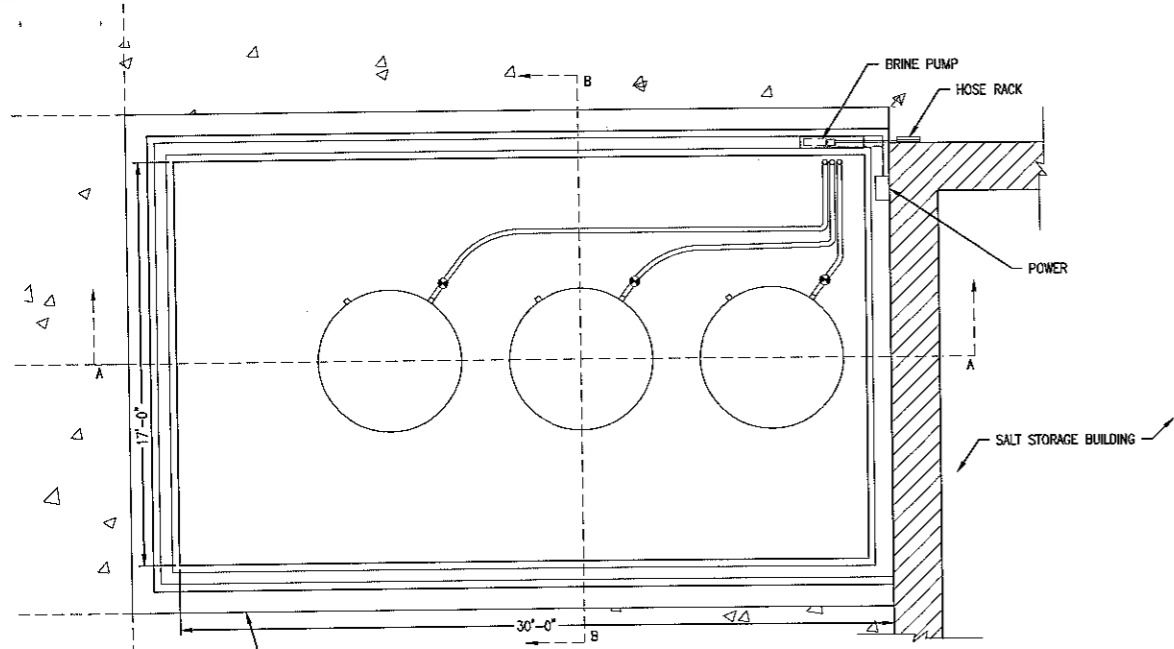
|   |           |      |            |             |  |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |
|---|-----------|------|------------|-------------|--|---------|----|------|----|-------|------|--------|---------|-----------------------|-----------------|-------|-----------------------|----------------|---------|
| DATE  | 8/14/2012 | CADD | N.L.G.     | PROJ/LEADER | WH   | SECTION | 28 | TOWN | 28 | RANGE | RT1E | COUNTY | OSHLAND | CITY/VILLAGE/TOWNSHIP | ROCHESTER HILLS | SCALE | H: 1"=20'<br>V: 1"=4' | PROJECT NUMBER | 1402088 |
| DATE  | 10/19/12  | DATE | 11/12/2012 | REVISIONS   | 3. 11/12/2012 OWNER REQUESTED CHANGES                                  |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |
| DATE  | 9/20/12   | DATE | 10/19/12   | REVISIONS   | 1. 9/20/12 Owner Requested Revisions<br>2. 10/19/12 Site Plan Approval |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |
| CITY OF ROCHESTER HILLS   |           |      |            |             |  |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |
| 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427 |           |      |            |             |  |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |
| WWW.OHM-ADVISORS.COM  |           |      |            |             |  |         |    |      |    |       |      |        |         |                       |                 |       |                       |                |         |

SALT STORAGE BUILDING  
CONSTRUCTION PLANS  
GRADING AND UTILITY PLAN

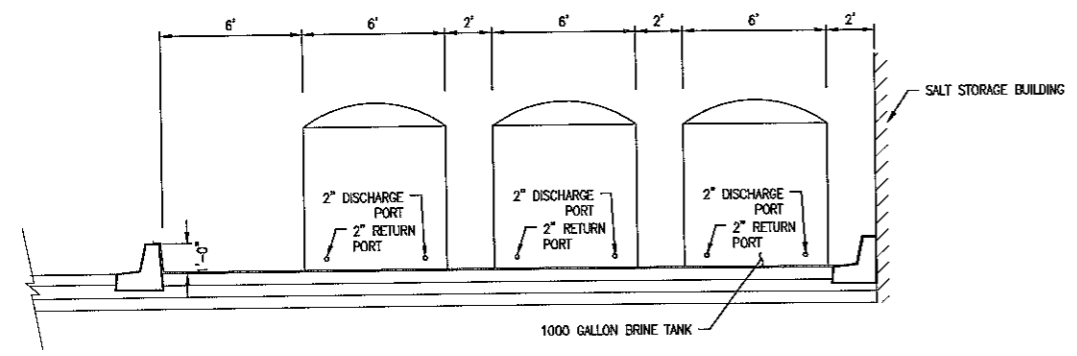
SHEET  
C401



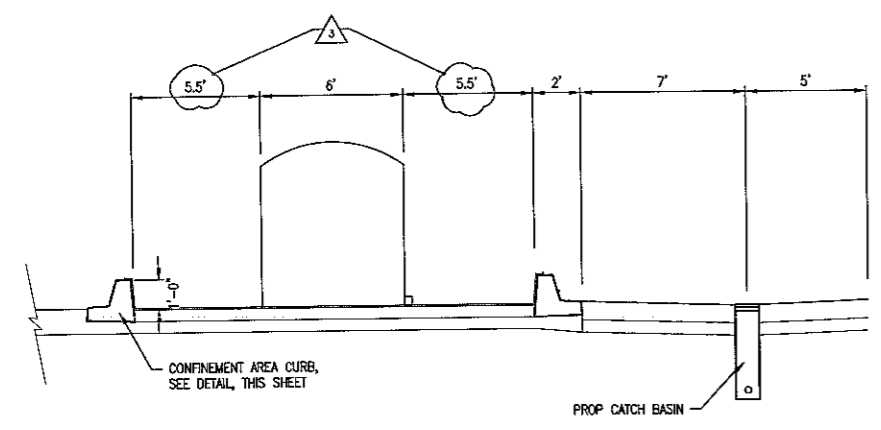
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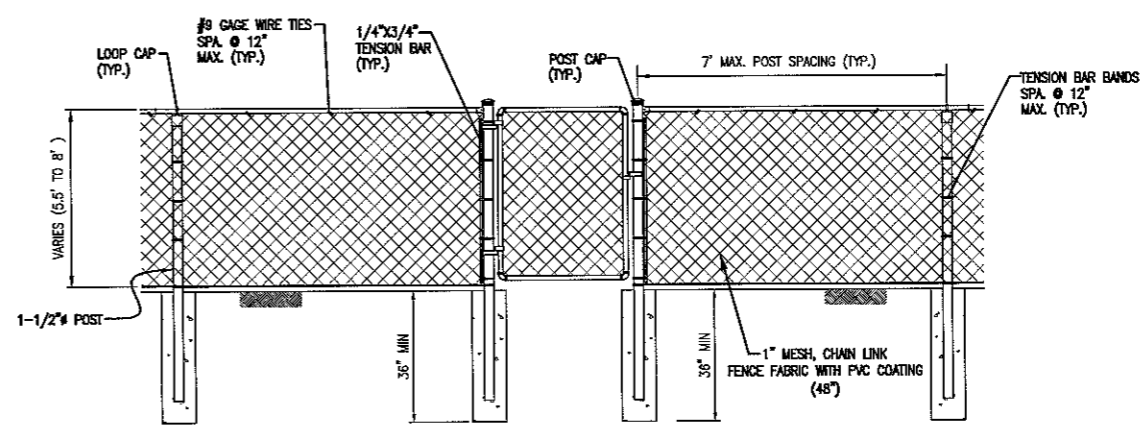
**BRINE STORAGE AREA - PLAN VIEW**  
NTS



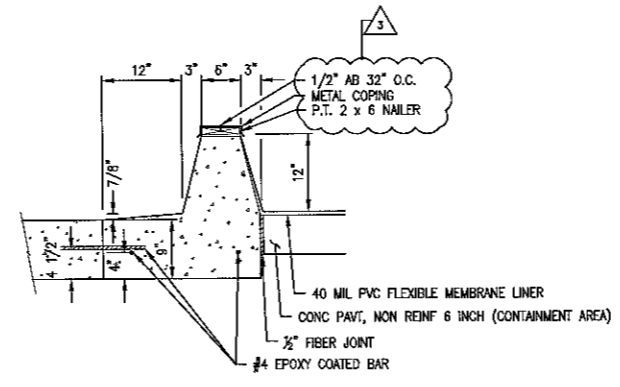
**SECTION A-A**  
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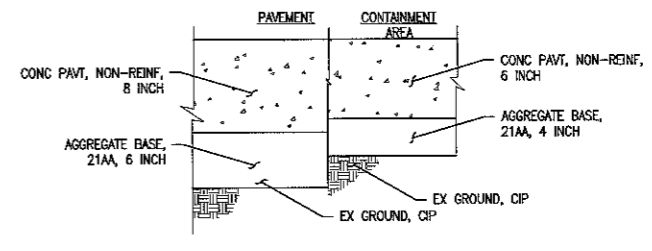
**SECTION B-B**  
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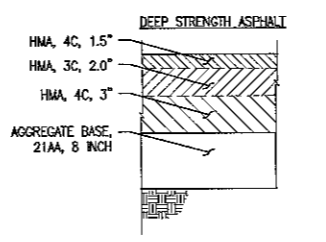
**CHAIN LINK FENCING DETAIL**



**CONFINEMENT AREA CURBING**  
NTS



**CONCRETE PAVEMENT**  
NTS



**ASPHALT PAVEMENT**  
NTS



|          |            |                |   |
|----------|------------|----------------|---|
| DATE     | 11/12/2012 | OWNER          | CITY OF ROCHESTER HILLS   |
| CHD      | MLG        | PROJ           | 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427 |
| ENG/ARCH | PD         | TOWN           | ROCHESTER HILLS   |
| SECTION  | 28         | COUNTY         | ORLAND  |
| RANGE    | RITE       | CITY           | ROCHESTER HILLS   |
| SCALE    | V. 1"=40'  | PROJECT NUMBER | 0190-11-0021  |
| SCALE    | H. 1"=40'  | DATE           | 11/12/2012  |
| SCALE    | V. 1"=40'  | DATE           | 11/12/2012  |
| SCALE    | H. 1"=40'  | DATE           | 11/12/2012  |
| SCALE    | V. 1"=40'  | DATE           | 11/12/2012  |

**SALT STORAGE BUILDING  
CONSTRUCTION PLANS  
DETAILS**

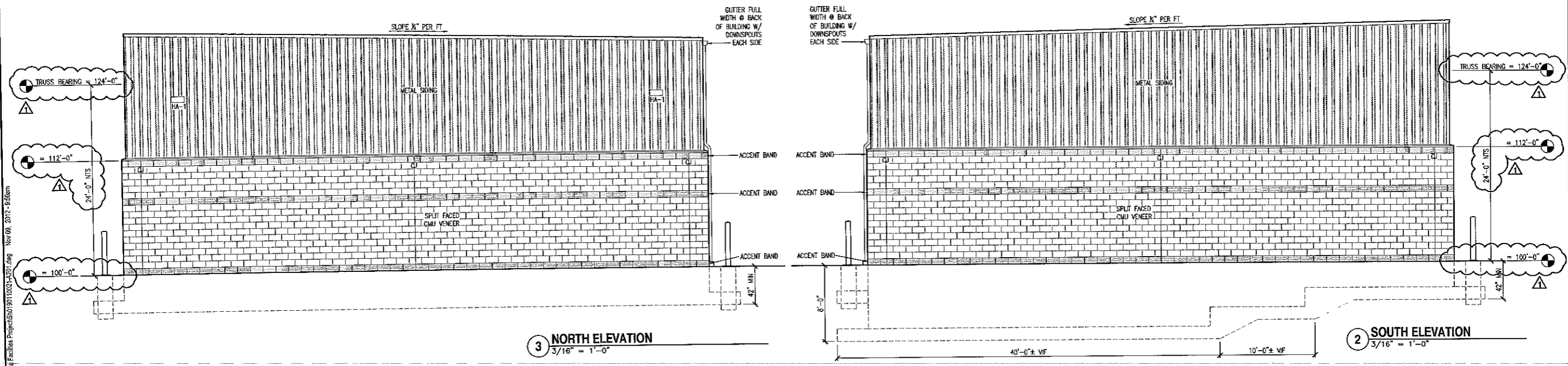
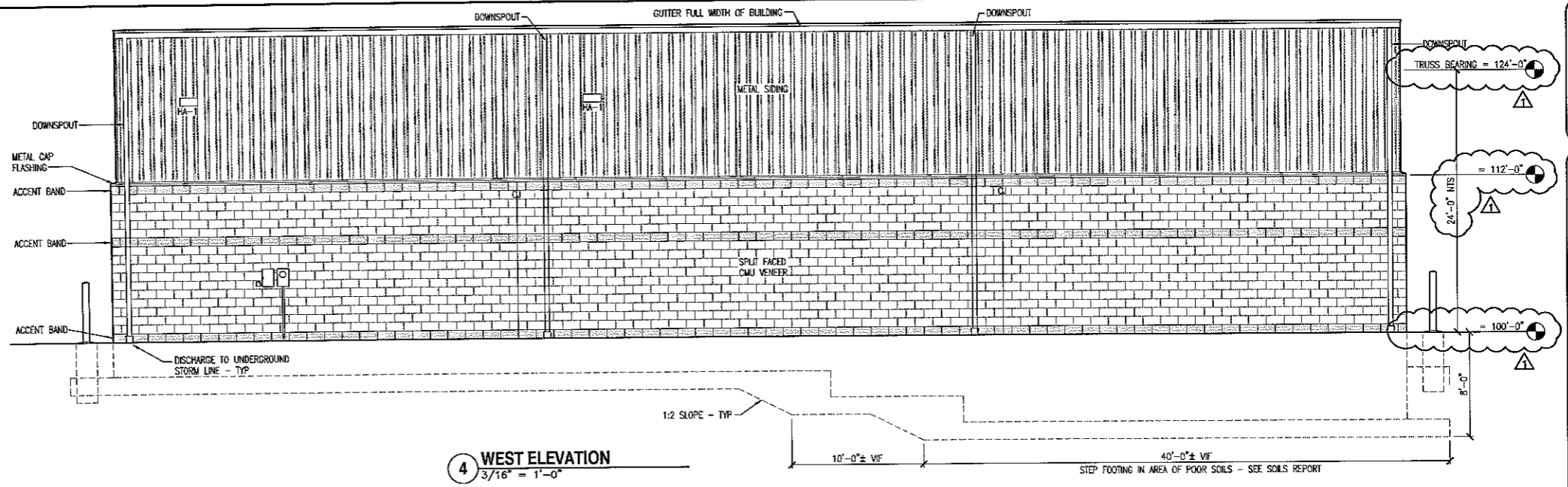
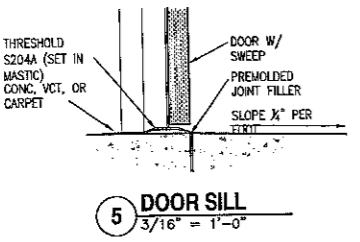
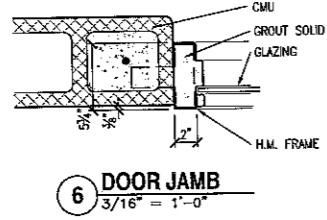
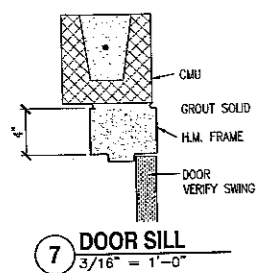
**SHEET  
C501  
OF Value**

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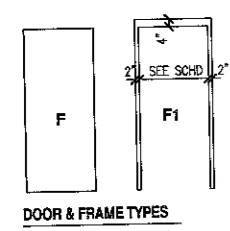




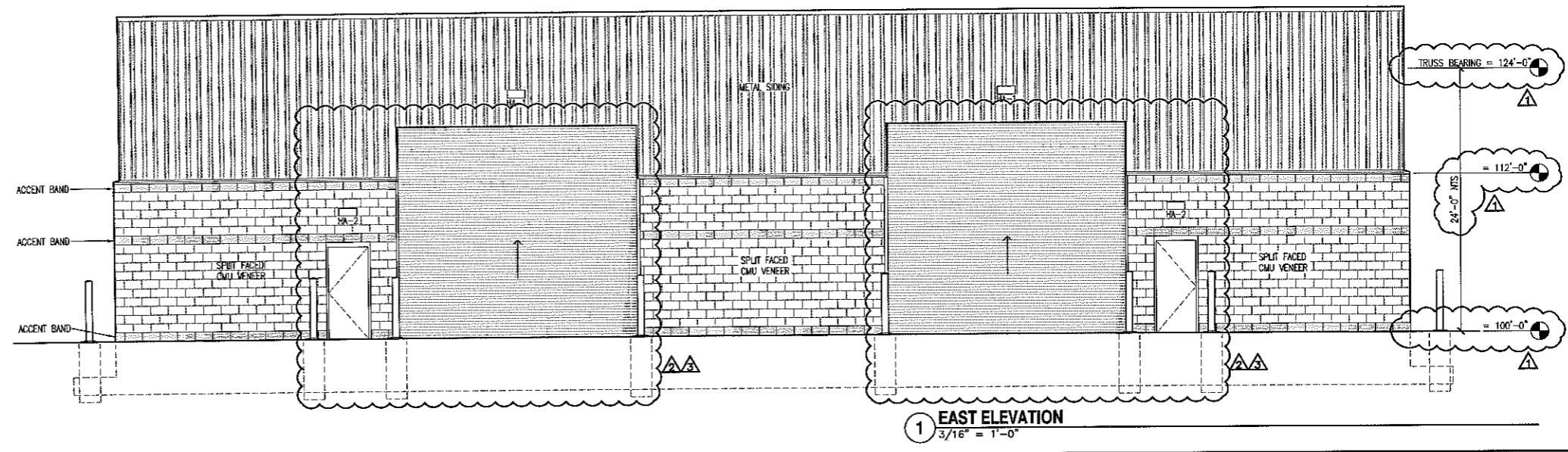


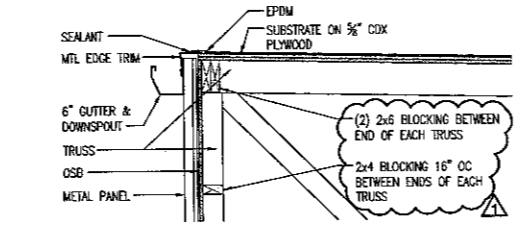
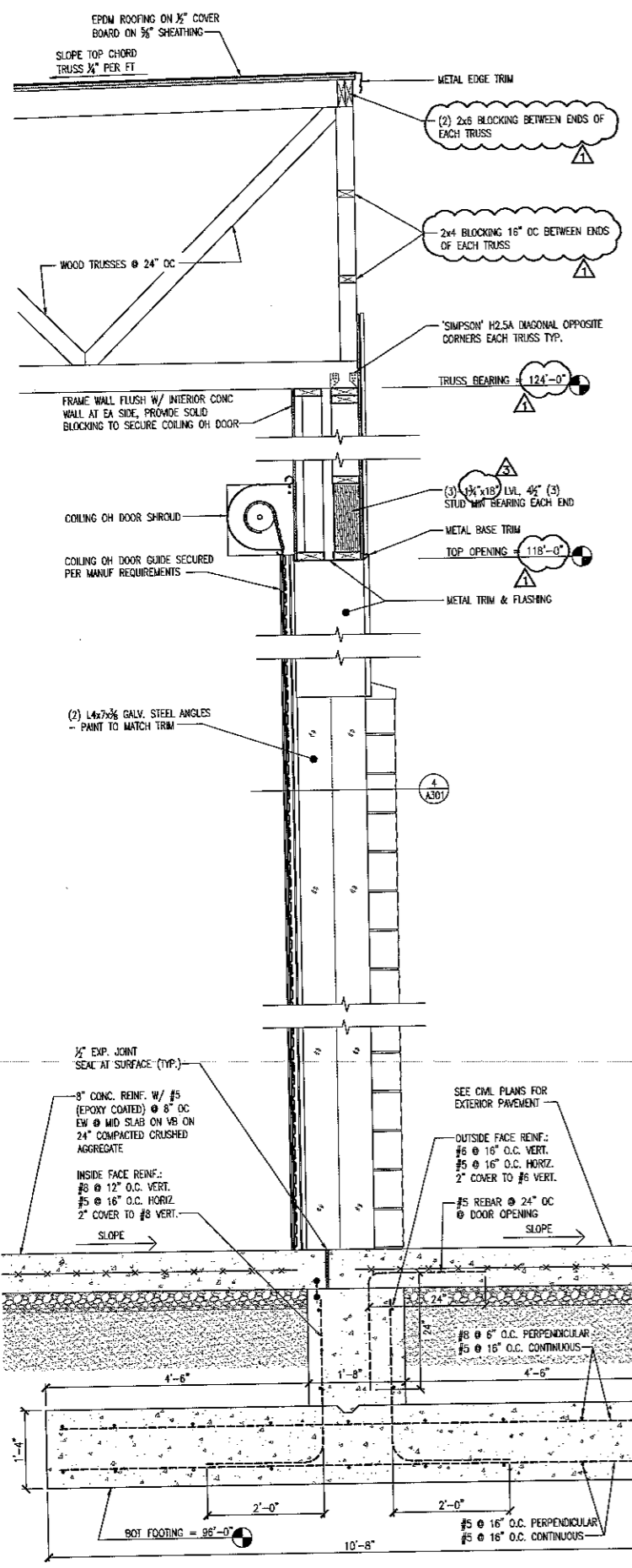


| DOOR SCHEDULE |                 |          |      |      |                              |  |
|---------------|-----------------|----------|------|------|------------------------------|--|
| DOOR NUMBER   | DOOR SIZE       | FRAME    |      | TYPE | REMARKS                      |  |
|               |                 | MATERIAL | TYPE |      |                              |  |
| 101           | 3'-0" x 7'-0"   | FRP      | F1   | A    |                              |  |
| 102           | 3'-0" x 7'-0"   | FRP      | F1   | A    |                              |  |
| 103           | 18'-0" x 18'-0" | OH       |      |      | OVERHEAD COILING - MOTORIZED |  |
| 104           | 18'-0" x 18'-0" | OH       |      |      | OVERHEAD COILING - MOTORIZED |  |
| 105           | 3'-0" x 7'-0"   | HM       | F1   | A    | EXIST COLD STORAGE BUILDING  |  |

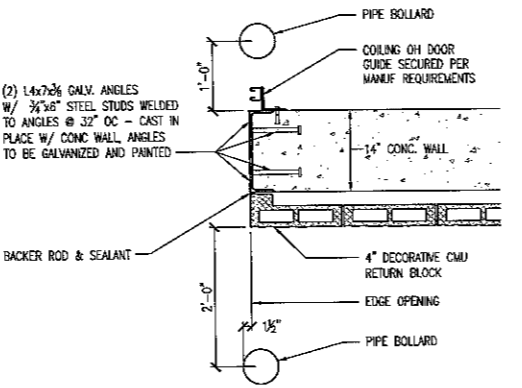


- DOOR HARDWARE TYPE A:**
- EXIT DEVICE 99L-03-4 US 26 VON DUPRIN COORDINATE WITH ELECTRONICALLY ACTIVATED EXISTING SYSTEM. PROVIDE VON DUPRIN 6300 ELECTRIC STRIKE WITH PS902 POWER SUPPLY.
  - CLOSER - LCN 4040 XP-RW-PA TR 689 ALUM.
  - HINGES - PROVIDE CONTINUOUS HINGE ON FRP DOORS; HAGER BB1279 US 26 45/44 ON METAL DOORS.
  - THRESHOLD - 513 ALUMINUM NATIONAL GUARD
  - WEATHERSTRIP - 190V NATIONAL GUARD
  - SWEEP - 801A NATIONAL GUARD
  - KICKPLATE - PROVIDE 12" STAINLESS STEEL KICKPLATE ON BOTH SIDES OF DOOR
  - CYLINDER - TO MATCH EXISTING SYSTEM

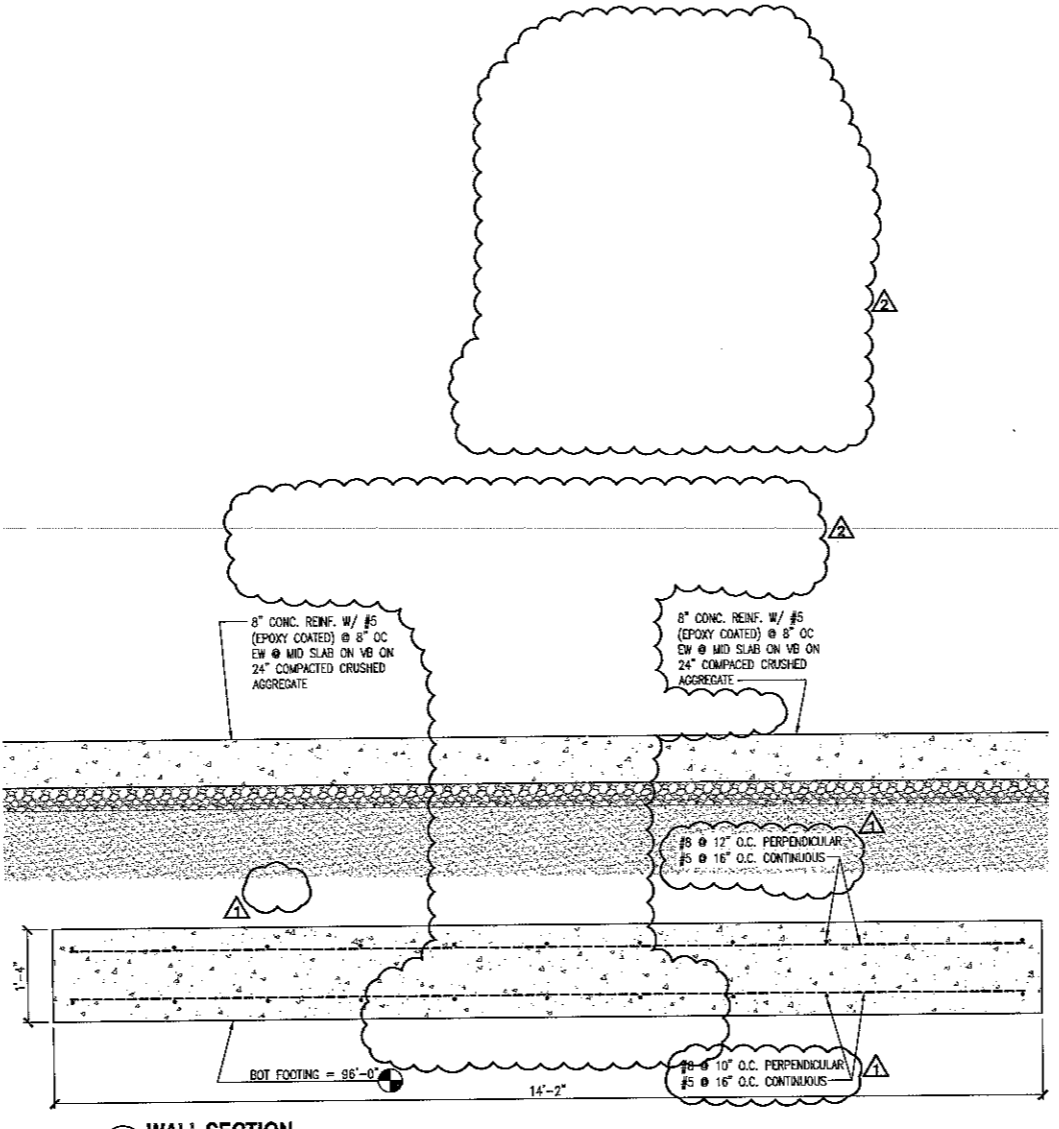




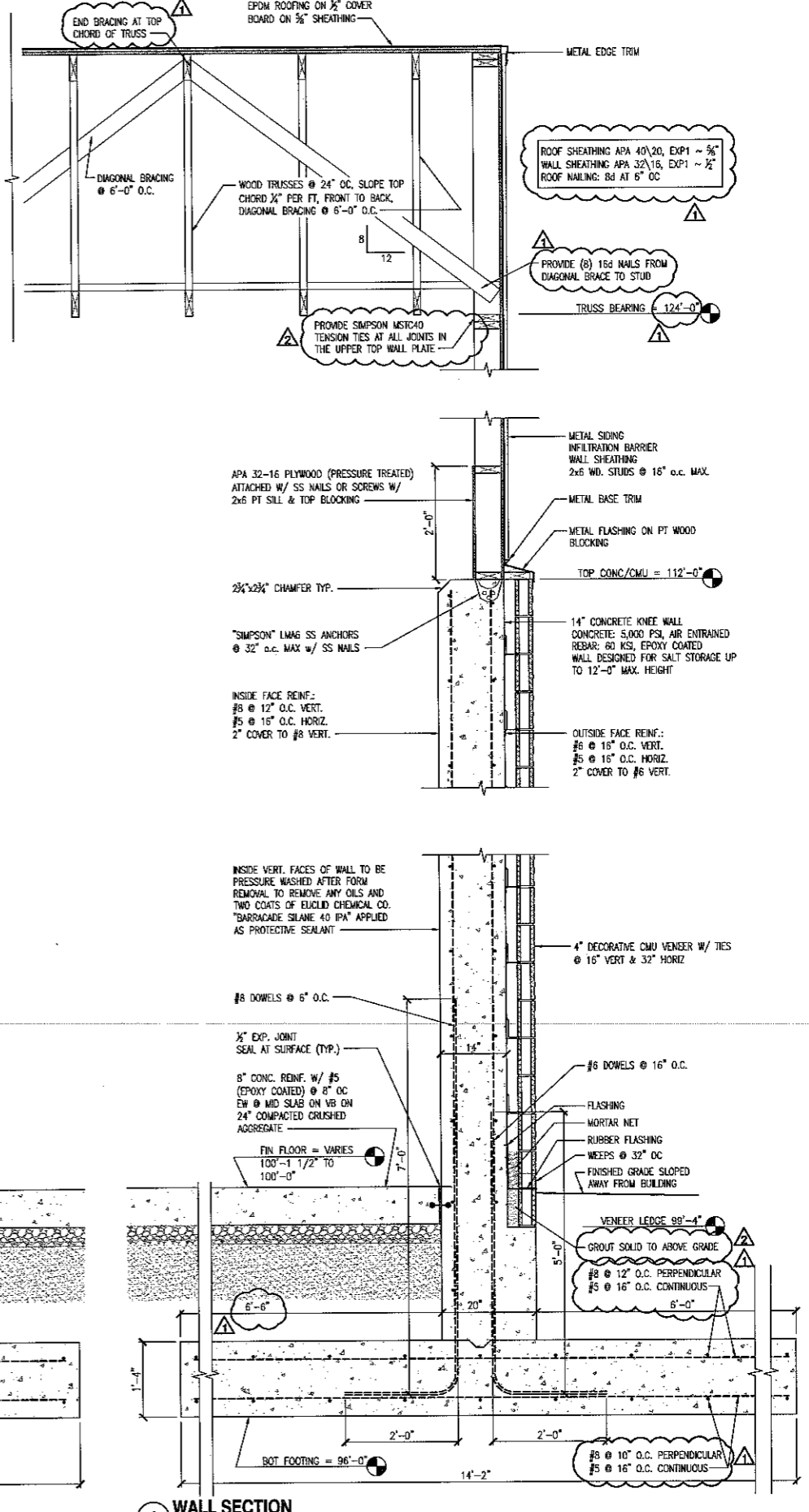
**5 GUTTER DETAIL**  
 3/4" = 1'-0"



**4 JAMB @ OH DOOR**  
 3/4" = 1'-0"

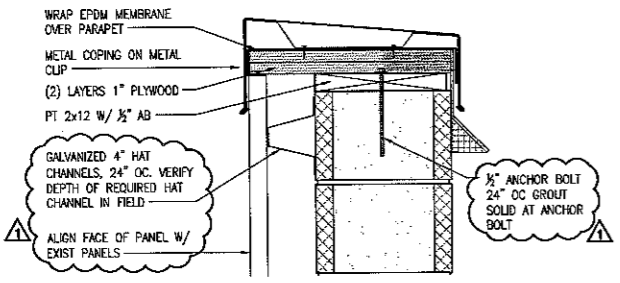


**2 WALL SECTION**  
 3/4" = 1'-0"

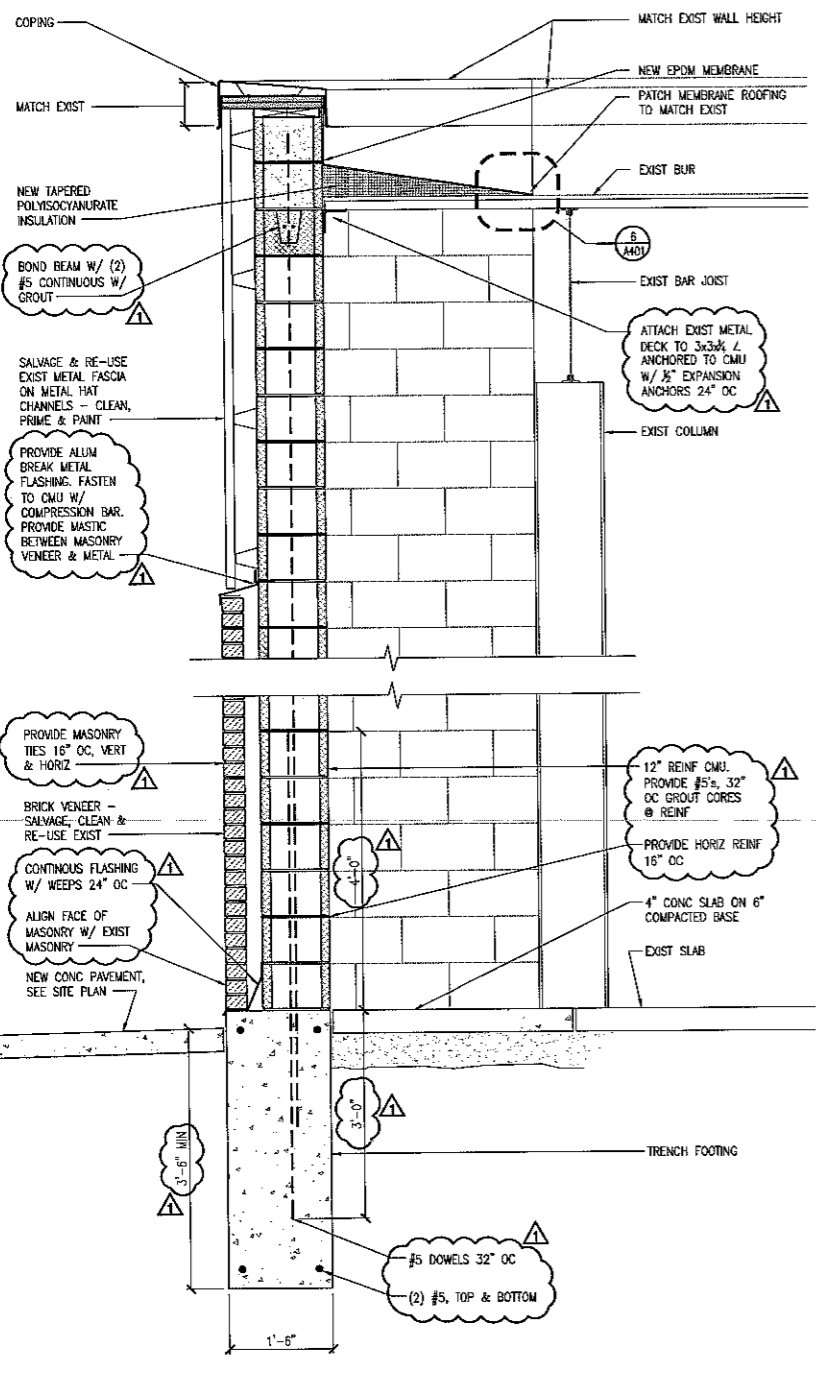


**1 WALL SECTION**  
 3/4" = 1'-0"

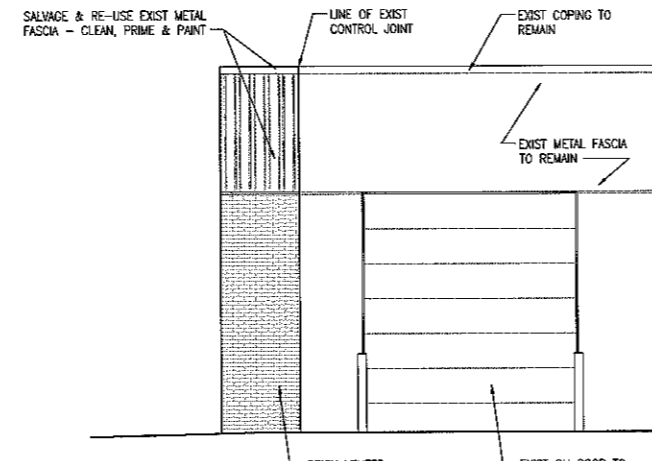
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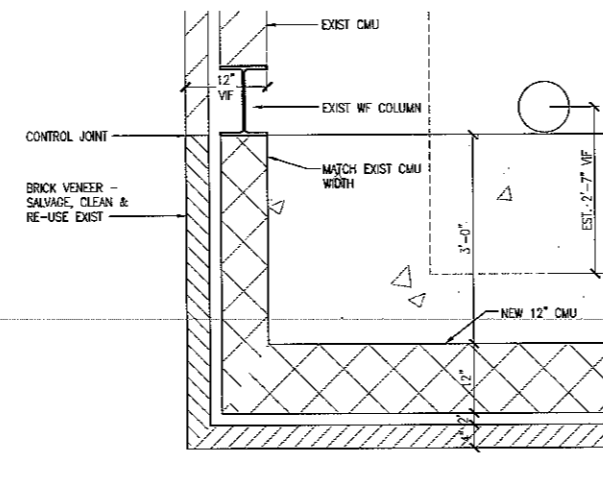
7 PARAPET CAP DETAIL  
 1 1/2" = 1'-0"



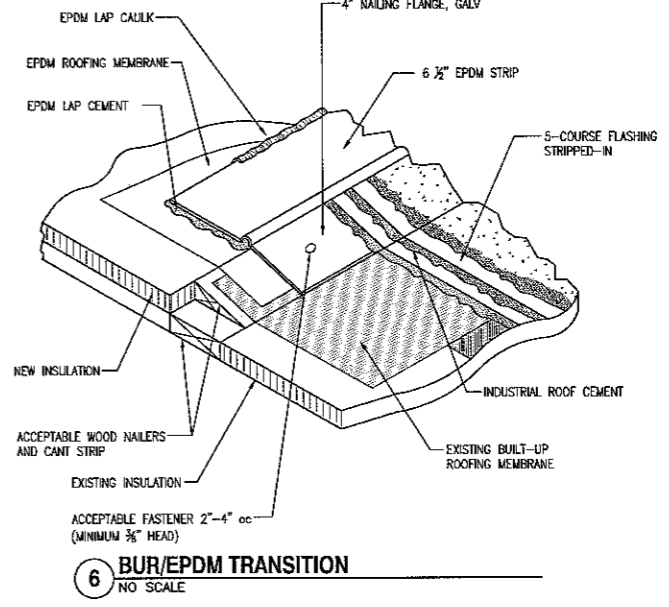
5 WALL SECTION  
 3/4" = 1'-0"



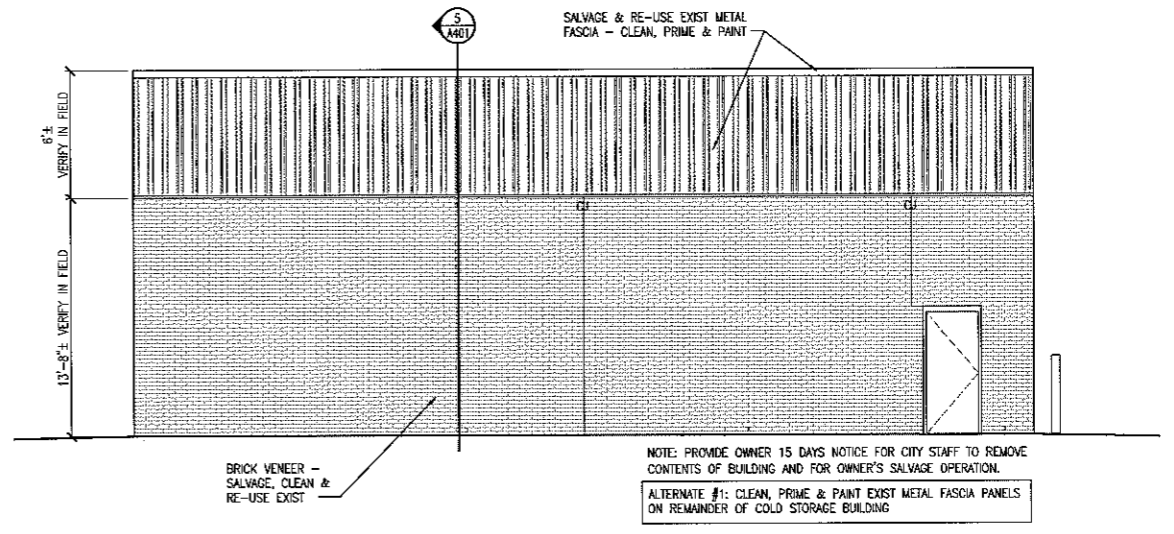
3 PARTIAL EAST ELEVATION  
 3/16" = 1'-0"



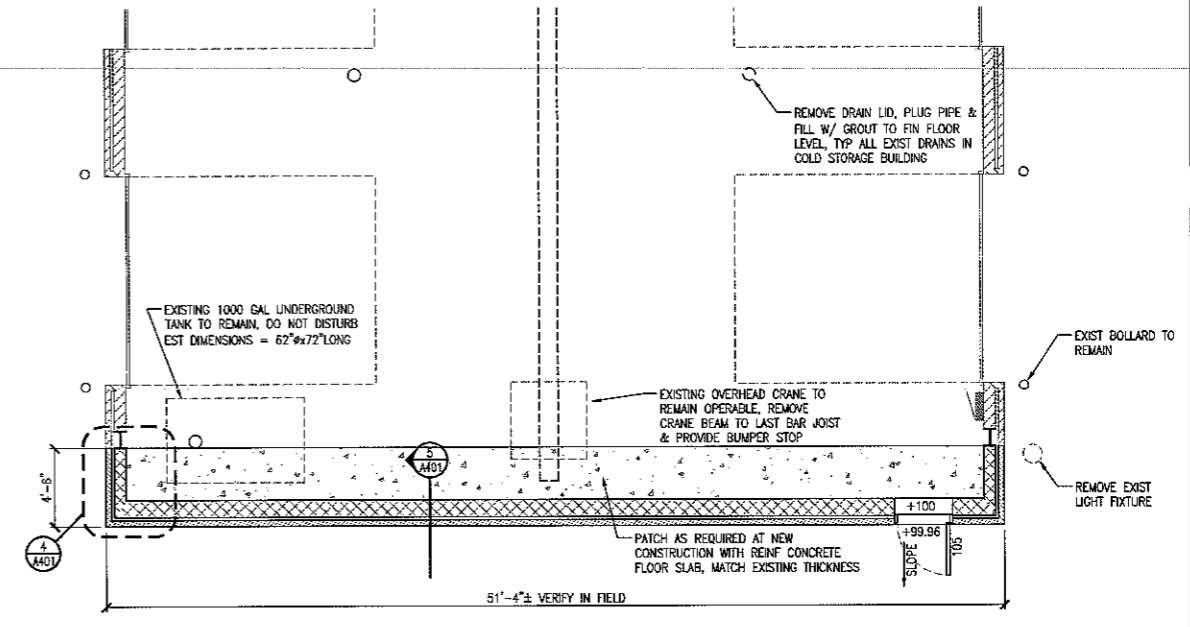
4 PLAN DETAIL  
 3/4" = 1'-0"



6 BUR/EPDM TRANSITION  
 NO SCALE



2 SOUTH ELEVATION  
 3/16" = 1'-0"



1 PARTIAL FLOOR PLAN  
 3/16" = 1'-0"

DRAWING PATH: P:\2000\_2100\_Livonia\2100\_Livonia\City of Rochester Hills - Salt Storage Facility - HANCOCK Drawings\View Livonia Facilities Project\SH0100110021A401.dwg  
 Nov 06, 2012 - 9:58am

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 34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427  
 191812 SITE PLAN APPROVAL

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**GENERAL ELECTRICAL NOTES**

- ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT NATIONAL ELECTRICAL CODE AND ANY LOCAL AMENDMENTS.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACQUISITION OF AN ELECTRICAL PERMIT AND SCHEDULING OF THE NECESSARY INSPECTIONS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION POWER FROM THE EXISTING MAIN PANEL PER SPECIFICATIONS. ALSO PROVIDE TEMPORARY LIGHTING PER THE PROJECT MANUAL.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
- A BOUND MANUAL SHALL BE SUBMITTED UPON COMPLETION WITH MAINTENANCE INSTRUCTIONS, PARTS LISTS, AND MANUFACTURER'S WARRANTIES. ALSO A WARRANTY FROM THE ELECTRICAL CONTRACTOR SHALL BE INCLUDED IN THIS MANUAL. ONE COPY OF THE RECORD DRAWINGS AND FINAL INSPECTION REPORT SHALL BE INCLUDED AT THIS TIME.
- THE CONTRACTOR SHALL INSTRUCT THE OWNER OR THE OWNER'S REPRESENTATIVE IN THE OPERATION AND MAINTENANCE OF THE ELECTRICAL SYSTEM.
- ACCEPTABLE WIRING METHODS: CONCEALED CONDUIT & WIRE PER THE LOCAL ELECTRICAL CODE. ALL WIRING SHALL BE CONCEALED WITHIN WALLS AND ABOVE CEILING IN ALL FINISHED SPACES. PVC-40 WITH THHN/THWN COPPER WIRE SHALL BE USED FOR ALL UNDERGROUND CIRCUITS AND FEEDERS. MC CABLE SHALL ONLY BE USED FOR FIXTURE WIRING ABOVE CEILING.
- SWITCHES AND RECEPTACLE DEVICES SHOWN ADJACENT ON THE FLOOR PLAN SHALL BE IN MULTI-GANG BOXES. ALL LOW VOLTAGE WIRING SHALL MAINTAIN MINIMUM 2" SEPARATION FROM THE 120/208V OR 277/480V SYSTEMS.
- WIRING DEVICES SHALL BE COMMERCIAL SPECIFICATION GRADE, COLOR TO MATCH EXISTING. INTERIOR DEVICE PLATES TYPE AND COLOR SHALL MATCH EXISTING. PROVIDE WEATHERPROOF WHILE IN USE COVER FOR EXTERIOR RECEPTABLES.
- IDENTIFY EACH JUNCTION BOX AND RECEPTACLE WITH THE PANEL & CIRCUIT NUMBER. COMPLETE EACH PANEL CIRCUIT DIRECTORY.
- EXTERIOR DISCONNECT SWITCHES SHALL BE NEMA 3R HEAVY DUTY TYPE. PROVIDE FUSED DISCONNECT SWITCHES AND FUSES PER MANUFACTURER'S INSTRUCTIONS ALSO PROVIDE MOTOR STARTERS AS NECESSARY FOR ALL EQUIPMENT.

**NOTES**

- MINIMUM SIZE OF RIGID CONDUIT SHALL BE 3/4".
- MINIMUM SIZE OF FLEX CONDUIT SHALL BE 1/2".
- MINIMUM SIZE WALL BOX IN CMU SHALL BE 4"x4".
- WHERE MOTION DETECTOR SWITCHES ARE PROVIDED, PROVIDE BALLASTS WHICH ARE COMPATIBLE WITH SWITCHES.

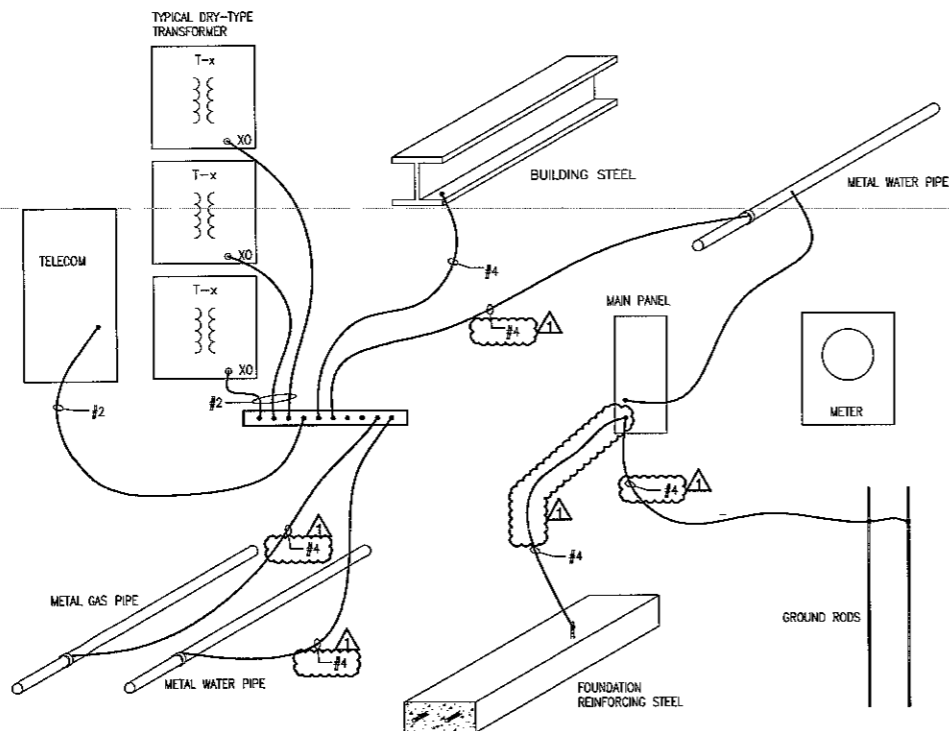
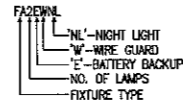
**LIGHT FIXTURE SCHEDULE**

| TYPE | DESCRIPTION         | MANUFACTURER         | CATALOG #                       | LAMPS | BALLASTS   | REMARKS  |
|------|---------------------|----------------------|---------------------------------|-------|------------|--|
| LA-1 | LINEAR LED          | COOPER/FAIL SAFE     | HLS-1-4000-8-10-UM-0-ED-S-PM-BK | LED   | LED DRIVER | MOUNT BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF TRUSS |
| HA-1 | WALL MOUNTED LED    | COOPER/MCGRAW EDISON | VTS-804-LED-E1-T3-BK-P-WM       | LED   | LED DRIVER | MOUNT 16"-0" A.F.F. INCLUDE PHOTOCELL IN FIXTURE   |
| HA-2 | WALL MOUNTED LED    | COOPER/LUMARK        | XTORIA-N-PC1                    | LED   | LED DRIVER | MOUNT 10"-0" A.F.F. INCLUDE PHOTOCELL IN FIXTURE   |
| XA-1 | EXIT SIGN/EMERGENCY | SURE LITES           | LPX-7-DH-NC                     |       |            | MOUNT 8'-6" A.F.F.                                 |

**LIGHT FIXTURE NOTES**

- PROVIDE SHOP DRAWINGS FOR FIXTURES, LAMPS, BALLASTS.
- ALL FIXTURES 120V EXCEPT NOTED.
- LAMP NUMBERS BASED ON OSRAM/SYLVANIA.
- SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BIDDING.

**FIXTURE TYPE KEY**



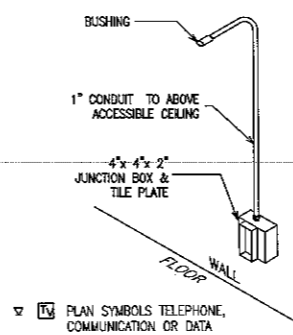
**GROUNDING/BONDING DIAGRAM**  
NO SCALE

**ABBREVIATIONS**

|         |   |
|---------|---|
| A       | AMPERE ABOVE FINISHED FLOOR                             |
| CAT     | CATALOG   |
| CB      | CIRCUIT BREAKER   |
| CMU     | CONCRETE MASONRY UNIT                                   |
| C       | CONDUIT CO. COMPANY                                     |
| CUH     | CABINET UNIT HEATER                                     |
| E       | ELECTRICAL CONTRACTOR                                   |
| EF      | EXHAUST FAN   |
| EW      | ELECTRIC WATER COOLER                                   |
| F       | FIRE ALARM  |
| FA      | FIRE ALARM  |
| G       | GROUND FAULT INTERRUPTER                                |
| GRD     | EQUIPMENT GROUND  |
| H       | HIGH INTENSITY DISCHARGE                                |
| HPS     | HIGH PRESSURE SODIUM                                    |
| HVAC    | HEATING, VENTILATING & AIR CONDITIONING                 |
| K       | KEY OPERATED DEVICE                                     |
| KVA     | KILOVOLT-AMPERES  |
| M       | MAIN CIRCUIT BREAKER                                    |
| MCP     | MAIN DISTRIBUTION PANEL                                 |
| MH      | METAL HALIDE  |
| MISC    | MISCELLANEOUS   |
| MLO     | MAIN LUG ONLY   |
| MTD     | MOUNTED   |
| N       | NUMBER  |
| NO      | NUMBER  |
| P       | PILOT LIGHT   |
| PL      | PILOT LIGHT   |
| R       | RECEP. RECEPTACLE                                       |
| T       | TRANSFORMER   |
| TEL     | TELEPHONE   |
| TV      | TELEVISION  |
| TYP     | TYPICAL   |
| U       | UNDERGROUND ELECTRIC UNIT HEATER UNLESS OTHERWISE NOTED |
| UOE     | UNDERGROUND ELECTRIC UNIT HEATER UNLESS OTHERWISE NOTED |
| V       | VOLT  |
| VA      | VOLT-AMPERES  |
| W       | WIRE  |
| WP      | WEATHERPROOF  |
| SPECIAL | PHASE   |

**ELECTRICAL LEGEND AND SYMBOLS**

| PROPOSED                        | EXISTING | DEMOLITION |   |
|---------------------------------|----------|------------|---|
| ---                             | ---      | ---        | SWITCH LOOP WIRING  |
| ---                             | ---      | ---        | CIRCUIT WIRING  |
| ---                             | ---      | ---        | UNDERGROUND WIRING  |
| ---                             | ---      | ---        | LOW VOLTAGE WIRING  |
| S                               |          |            | SINGLE POLE SWITCH  |
| S <sub>3</sub>                  |          |            | THREE-WAY SWITCH  |
| S <sub>4</sub>                  |          |            | FOUR-WAY SWITCH   |
| S <sub>DM</sub>                 |          |            | DIMMER SWITCH   |
| S <sub>K</sub>                  |          |            | KEY-OPERATED SWITCH   |
| S <sub>T</sub>                  |          |            | TIMER SWITCH  |
| S <sub>PL</sub>                 |          |            | PILOT LIGHT SWITCH  |
| S <sub>M</sub>                  |          |            | MOTION DETECTION SWITCH - WALL  |
| S <sub>MC</sub>                 |          |            | MOTION DETECTION SWITCH - CEILING MOUNT   |
| S <sub>S</sub>                  |          |            | PROVIDE DOUBLE SWITCHING. THE TWO OUTSIDE LAMPS OF EACH FIXTURE TO BE CONTROLLED BY ONE SWITCH AND THE TWO MIDDLE LAMPS OF EACH FIXTURE TO BE CONTROLLED BY THE OTHER SWITCH. |
| S <sub>F</sub>                  |          |            | FAN SWITCH  |
| S <sub>LV</sub>                 |          |            | LOW VOLTAGE SWITCH  |
| ⊕                               |          |            | DUPLEX GROUNDED RECEPTACLE  |
| ⊕ WP                            |          |            | WEATHERPROOF RECEPTACLE & COVER, GFI  |
| ⊕ G                             |          |            | DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER   |
| ⊕                               |          |            | 240V, 1ϕ GROUNDED RECEPTACLE  |
| ⊕ CTR                           |          |            | COUNTERTOP RECEPTACLE   |
| ⊕                               |          |            | QUADRUPEX RECEPTACLE  |
| ⊕                               |          |            | FLOOR RECEPTACLE  |
| ⊕                               |          |            | SIMPLEX RECEPTACLE  |
| ⊕                               |          |            | DUPLEX RECEPTACLE, ONE HALF SWITCHED  |
| ⊕                               |          |            | TIMER   |
| ⊕                               |          |            | JUNCTION BOX  |
| ⊕                               |          |            | PUSH BUTTON   |
| ⊕ PC                            |          |            | PHOTO CELL  |
| <b>LIGHT FIXTURES</b>           |          |            |   |
| □                               |          |            | FLUORESCENT FIXTURE - CEILING MOUNT   |
| □                               |          |            | FLUORESCENT FIXTURE - PENDANT/CHAIN MOUNT   |
| □                               |          |            | FLUORESCENT FIXTURE - RECESSED  |
| □                               |          |            | FLUORESCENT FIXTURE - EMERGENCY   |
| □                               |          |            | FLUORESCENT FIXTURE - SURFACE STRIP   |
| ⊕                               |          |            | EXTERIOR POLE LIGHT   |
| ⊕                               |          |            | EMERGENCY WALL PACK   |
| ⊕                               |          |            | FIXTURE - EXTERIOR WALL MOUNT   |
| ⊕                               |          |            | EXIT LIGHT - CEILING MOUNT  |
| ⊕                               |          |            | EXIT LIGHT - WALL MOUNT   |
| ⊕                               |          |            | FIXTURE - RECESSED CAN  |
| ⊕                               |          |            | FIXTURE - WALL MOUNT  |
| <b>POWER DISTRIBUTION</b>       |          |            |   |
| □                               |          |            | DISCONNECT SWITCH   |
| ⊕                               |          |            | FUSED DISCONNECT SWITCH   |
| ⊕                               |          |            | COMBINATION MOTOR STARTER, DISCONNECT SWITCH  |
| ⊕                               |          |            | STARTER   |
| ⊕                               |          |            | ELECTRIC METER  |
| ⊕                               |          |            | LIGHT, POWER OR DISTRIBUTION PANEL - SURFACE MOUNT  |
| ⊕                               |          |            | LIGHT, POWER OR DISTRIBUTION PANEL - FLUSH MOUNT  |
| ⊕                               |          |            | MOTOR   |
| ⊕                               |          |            | RELAY   |
| <b>FIRE ALARM SYSTEM</b>        |          |            |   |
| ⊕                               |          |            | OUTDOOR BELL/CHIME  |
| ⊕                               |          |            | SMOKE DETECTOR  |
| ⊕                               |          |            | DUCT SMOKE DETECTOR   |
| ⊕                               |          |            | HEAT DETECTOR   |
| ⊕                               |          |            | FIRE ALARM HORN AND STROBE  |
| ⊕                               |          |            | FIRE ALARM STROBE   |
| ⊕                               |          |            | FIRE ALARM HORN AND STROBE - CEILING MOUNT  |
| ⊕                               |          |            | FIRE ALARM PULL STATION   |
| ⊕                               |          |            | ELECTRO/MAG. DOOR HOLD OPEN   |
| ⊕                               |          |            | FIRE ALARM FLOW SWITCH  |
| ⊕                               |          |            | FIRE ALARM TAMPER SWITCH  |
| ⊕                               |          |            | FIRE ALARM ANNUNCIATOR PANEL  |
| ⊕                               |          |            | FIRE ALARM CONTROL PANEL  |
| <b>TELEPHONE/COMMUNICATIONS</b> |          |            |   |
| ⊕                               |          |            | DATA OUTLET. SEE DETAIL.  |
| ⊕                               |          |            | TELEPHONE OUTLET. SEE DETAIL.   |
| ⊕                               |          |            | FLOOR TELEPHONE/DATA OUTLET   |
| ⊕                               |          |            | CEILING SPEAKER, FLUSH MTD. WITH BACKBOX AND GRILLE   |
| ⊕                               |          |            | WALL SPEAKER  |
| ⊕                               |          |            | WALL MTD. CLOCK MTD. 6"-8" AFF.   |
| ⊕                               |          |            | CABLE TV OUTLET   |
| ⊕                               |          |            | BELL  |
| ⊕                               |          |            | CALL BACK SWITCH  |
| ⊕                               |          |            | MICROPHONE JACK   |
| ⊕                               |          |            | POWER SUPPLY ABOVE CEILING  |
| ⊕                               |          |            | WIRE GUARD WHERE NOTED  |
| ⊕                               |          |            | KEYPAD  |
| ⊕                               |          |            | GLASS BREAK DETECTOR - CEILING MOUNTED  |
| ⊕                               |          |            | MAGNETIC SWITCH (DOOR CONTACT)  |
| ⊕                               |          |            | TWO WAY AMPLIFIER   |
| ⊕                               |          |            | AMPLIFIER   |
| ⊕                               |          |            | SECURITY CAMERA   |
| ⊕                               |          |            | NURSE CALL LIGHT  |
| ⊕                               |          |            | NURSE CALL PULL STATION   |
| ⊕                               |          |            | NURSE CALL PANEL  |
| ⊕                               |          |            | CARD READER   |



PLAN SYMBOLS TELEPHONE, COMMUNICATION OR DATA

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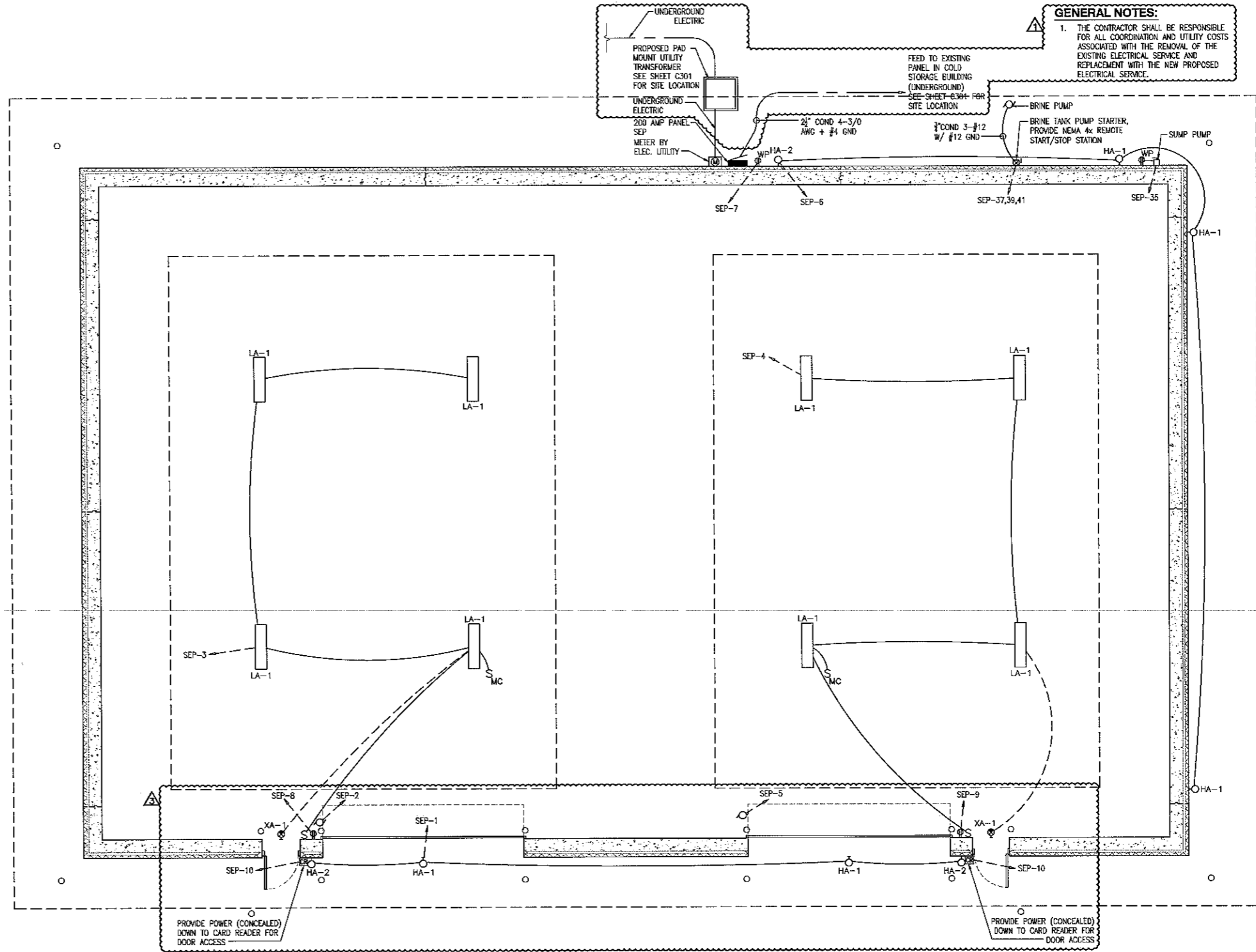
|   |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |
|---|-------------|------|----|-----------|----|-----------|----|---------|------|-------|--------|----------------------|-----------------|-------|-----------|-----|------------|
| DATE  | 10 OCT 2012 | CADD | DK | ENGR/ARCH | YH | PREP/USER | YH | SECTION | TOWN | RANGE | COUNTY | CITY/TALASSE/CONTRAP | ROCHESTER HILLS | SCALE | VAS NOTED | GSA | 0190110021 |
| <b>CITY OF ROCHESTER HILLS</b>  |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |
| 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427 |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |
| REVISIONS   |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |
| A/B/2012 - OWNER REQUESTED REVISIONS  |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |
| C/10/12 - SITE PLAN APPROVAL  |             |      |    |           |    |           |    |         |      |       |        |                      |                 |       |           |     |            |

SALT STORAGE BUILDING  
GENERAL MECH & ELECT INFORMATION

REVISIONS

SHEET  
**ME001**

DRAWING PATH: P:\2012\7100\_Livonia\71002\_1002\_1\_City of Rochester Hills - Salt Storage Facility\ANVCOCK\Drawing\New Livonia Facilities Project\510110021-E101 POWER AND LIGHTING PLANS.dwg Nov 12, 2012 - 7:58am



**GENERAL NOTES:**  
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION AND UTILITY COSTS ASSOCIATED WITH THE REMOVAL OF THE EXISTING ELECTRICAL SERVICE AND REPLACEMENT WITH THE NEW PROPOSED ELECTRICAL SERVICE.

**1 POWER AND LIGHTING PLAN**  
 3/16" = 1'-0"

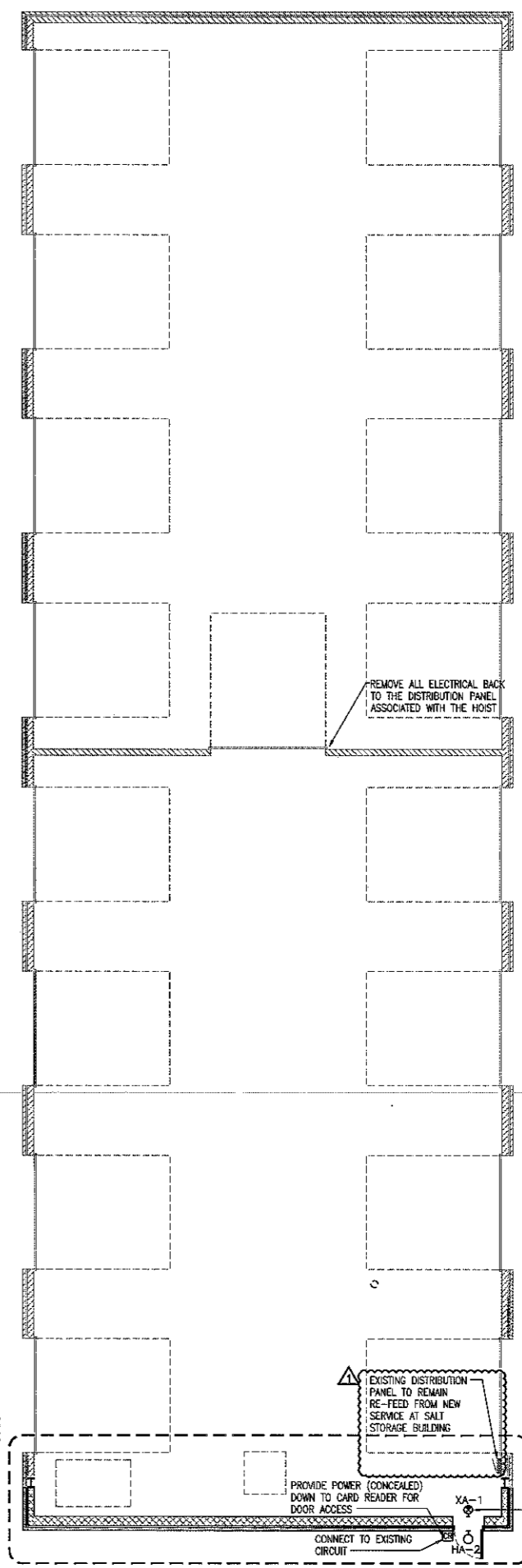


|          |   |    |    |          |    |          |    |         |      |       |                         |                 |                |       |           |           |           |      |          |
|----------|---|----|----|----------|----|----------|----|---------|------|-------|-------------------------|-----------------|----------------|-------|-----------|-----------|-----------|------|----------|
| DATE     | 18 OCT 2012   | CD | OK | ENG ARCH | WH | PROJ MGR | WH | SECTION | FROM | RANGE | CITY                    | COUNTY          | CITY/STATE/ZIP | SCALE | HAS NOTED | VAS NOTED | NO. NOTED | DATE | REVISION |
|          |   |    |    |          |    |          |    |         |      |       | CITY OF ROCHESTER HILLS | ROCHESTER HILLS | 0190110021     |       |           |           |           |      |          |
| REVISION | 10/19/12 - OWNER REQUESTED REVISIONS<br>10/19/12 - SITE PLAN APPROVAL<br>11/12/12 - OWNER REQUESTED CHANGES |    |    |          |    |          |    |         |      |       |                         |                 |                |       |           |           |           |      |          |
| PROJECT  | 34000 Plymouth Road   Livonia, MI 48150   P (734) 522-8711   F (734) 522-8427                               |    |    |          |    |          |    |         |      |       |                         |                 |                |       |           |           |           |      |          |
| WWW      | WWW.OHM-ADVISORS.COM  |    |    |          |    |          |    |         |      |       |                         |                 |                |       |           |           |           |      |          |

SALT STORAGE BUILDING  
 POWER AND LIGHTING PLAN  
 SHEET  
**ME101**

DRAWING PATH: P:\000\_7100\_Livonia\011002\_Livonia Facilities\Drawings\New Livonia Facilities Project\011002-HE02 PARTIAL FLOOR PLAN.dwg Nov 12, 2012 - 7:38am

- NOTES:**
- CUT AND CAP PLUMBING AND MECHANICAL PIPING INCLUDING: COMPRESSED AIR, NATURAL GAS, HYDRONIC, DOMESTIC WATER, DWV PIPING BELOW FLOOR.
  - REMOVE ELECTRICAL CONDUITS AND WIRING IN AREA OF BUILDING MODIFICATIONS. MAINTAIN CIRCUIT INTEGRITY IN PORTION OF BUILDING TO REMAIN.
  - REMOVE VEHICLE EXHAUST EQUIPMENT AND IR HEATERS IN AREA OF BUILDING DEMOLITION LIMITS.
  - MODIFY CRANE ELECTRICAL AS NECESSARY, REFEED FROM EXISTING PANEL TO REMAIN IN S.E. CORNER AT BUILDING DEMOLITION LIMITS.
  - REFEED ALL LIGHTING, INTERIOR, AND EXTERIOR LIGHTING FROM EXISTING PANEL.
  - CAP ALL EXISTING FLOOR DRAINS.
  - PROVIDE TEMPORARY OVERHEAD ELECTRICAL SERVICE WITH TRANSFORMER TO KEEP COLD STORAGE BUILDING OPERABLE DURING CONSTRUCTION.



1 PARTIAL FLOOR PLAN  
1/8" = 1'-0"



|  |                                  |     |    |          |    |             |    |         |  |      |  |       |  |        |  |               |                 |           |       |          |      |            |            |  |
|--|----------------------------------|-----|----|----------|----|-------------|----|---------|--|------|--|-------|--|--------|--|---------------|-----------------|-----------|-------|----------|------|------------|------------|--|
| DATE   | 18 OCT 2012                      | CAD | DK | ENG/ARCH | WH | PRODUCED BY | WH | SECTION |  | TOWN |  | RANGE |  | COUNTY |  | CITY/TOWNSHIP | ROCHESTER HILLS | HAS NOTED | SCALE | AS NOTED | DATE | 01/01/2002 | VERT. DATE |  |
| REVISIONS  |                                  |     |    |          |    |             |    |         |  |      |  |       |  |        |  |               |                 |           |       |          |      |            |            |  |
| 1  | 2012 - OWNER REQUESTED REVISIONS |     |    |          |    |             |    |         |  |      |  |       |  |        |  |               |                 |           |       |          |      |            |            |  |
| 2  | 2012 - SITE PLAN APPROVAL        |     |    |          |    |             |    |         |  |      |  |       |  |        |  |               |                 |           |       |          |      |            |            |  |
| CITY OF ROCHESTER HILLS<br>34000 Plymouth Road   Livonia, MI 48150   P (734) 522-6711   F (734) 522-6427<br>WWW.OHM-ADVISORS.COM |                                  |     |    |          |    |             |    |         |  |      |  |       |  |        |  |               |                 |           |       |          |      |            |            |  |

SALT STORAGE BUILDING  
COLD STORAGE POWER PLAN

SHEET  
ME102

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# Landscape plan for Salt Storage Facility

