



**"BURY YOUR HOLES" BEFORE YOU DIG**  
CONTACT THE OHIO UTILITIES PROTECTION SERVICE (O.U.P.S.) 1-800-362-2764, TWO WORKING DAYS BEFORE BREAKING GROUND TO NOTIFY ALL O.U.P.S. MEMBERS OF THE TIME, DATE, AND LOCATION OF THE PROJECT.

**STATE OF OHIO**  
Bernard C. Petro  
46865  
PROFESSIONAL ENGINEER

DRAWN BY: GVB  
CHECKED BY: DJC  
JOB NO: 06-031  
FILE NO: site plan.dwg

**NOTICE:**  
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SILVER OAK ENGINEERING CO.

DATE: 28 NOV 2006

**REVISIONS**  
1. 10 DEC 2006  
1. 10 DEC 2006  
per City of Massillon

Scale 1"= 20'

**SILVER OAK ENGINEERING COMPANY**  
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**SITE GRADING PLAN**  
EMSCO COPORATION  
CITY OF MASSILLON  
STARK COUNTY, OHIO

DRAWING NO.  
**2 of 5**

- Proposed HW #1 (Type 1)  
FL=987.43  
w/Dump Rack Type C
- ① Provide plat for proposed easement
  - ② Provide Note below regarding restoration and seeding of City property
  - ③ LABEL SITE BENCHMARK CLEARLY
- BENCHMARK =

**GENERAL NOTES**

1. EXISTING FENCE TO BE REMOVED, EXISTING SLAG AND CONCRETE WITHIN FENCED-IN AREA TO BE REMOVED TO PROPOSED GRADE.
2. EXISTING 12" CMP STORM PIPE TO BE REMOVED AND REPLACED AS SHOWN.
3. REFER TO SHEET 3 OF 4 FOR ENLARGED BUILDING DETAILS
4. DETENTION POND TO BE CONSTRUCTED FIRST AND SEEDED IMMEDIATELY.
5. REFER TO SHEET 3 OF 4 FOR DETENTION POND DETAILS.
6. ALL STORM PIPE DISCHARGING INTO DETENTION POND OR EXISTING POND TO HAVE RIP RAP INSTALLED AT OUTLET. (21' x 3' w x 1' d)
7. EXISTING EDGE OF ASPHALT/ CONCRETE PAVEMENT WHERE PROPOSED WORK IS TO MEET IS TO BE CLEANED AND SQUARED/SAW CUT IF REQUIRED TO ESTABLISH A SOLID BUTT JOINT.
8. TRUCK LOADING RAMP TO BE CONSTRUCTED AT A LATER DATE AND IS SHOWN FOR DESIGN AND LOCATION PURPOSES.
9. PERMANENT STORM EASEMENT TO BE OBTAINED FROM THE CITY PRIOR TO ANY WORK WITHIN CITY PROPERTY.
10. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY AND "D.D.T. CONSTRUCTION AND MATERIALS SPECIFICATION".
11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY AND "D.D.T. CONSTRUCTION AND MATERIALS SPECIFICATION".
12. STRIP BUILDING, ROADWAY, PAVEMENT, BORROW AND OTHER IMPROVEMENT AREAS OF ALL ORGANIC MATERIALS. STOCKPILE SUITABLE TOPSOIL OR UNSUITABLE SOILS IN THE DESIGNATED AREA FOR RESPIRATING DIRT LANDSCAPED AREAS. ALL EXCESS EXCAVATED MATERIALS SHALL BE SPREAD, GRADED, AND SEEDED BY THE CONTRACTOR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
13. SITE GRADING SHALL BE LIMITED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS UNLESS OTHERWISE SPECIFIED IN THE PLANS AND SPECIFICATIONS. THE SITE GRADING, EXCAVATION, AND THE EMBANKMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE OHIO DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS.
14. PRIOR TO FOOTERS, FOUNDATION, CONCRETE OR PAVEMENT SECTION A COMPACTION REPORT SHALL BE PREPARED BY A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE OF OHIO, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED TO 98% MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM-698).
15. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
16. ELEVATIONS GIVEN ARE AT THE EDGE OF PAVEMENT FINISHED PAVEMENT GRADE. ELEVATIONS. ALL ASPHALT SHALL BE LAID ON A STRAIGHT, EVEN AND UNIFORM GRADE WITH A MINIMUM OF 0.5% SLOPE (IN PARKING LOT) TOWARD THE COLLECTION POINTS. DO NOT ALLOW NEGATIVE GRADES OR PONDING OF WATER.
17. THE CONTRACTOR SHALL FOLLOW ALL FINISHED GRADES SHOWN ON THE PLAN. ANY CHANGES SHALL BE AUTHORIZED BY THE ENGINEER.
18. CONTRACTOR SHALL PROVIDE BUTT END JOINT TO MEET EXISTING PAVEMENT IN ELEVATION AT DRIVE RETURNS AND ENSURE POSITIVE DRAINAGE.
19. CONTRACTOR TO SAW CUT EXISTING PAVEMENT FOR ALL UTILITY EXTENSIONS TO BUILDING AS SHOWN ON PLAN. REFER TO ARCHITECTURAL RENDERINGS.
20. GAS SERVICE TO BE EXTENDED AS PER UTILITY COMPANY AND IN ACCORDANCE WITH ARCHITECTURAL RENDERINGS.
21. ELECTRIC SERVICE TO BE EXTENDED FROM EXISTING BUILDING. REFER TO ARCHITECTURAL RENDERINGS FOR PLACEMENT.
22. ALL SERVICE UTILITIES TO BE INSTALLED IN APPROVED CONDUIT WHERE LINES SHALL BE LOCATED UNDER BUILDING /CONCRETE APRON AND SHALL EXTEND AWAY FROM CONCRETE APRON A MINIMUM OF FIVE FEET.
23. STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE SMOOTH INTERIOR PIPE CONFORMING TO THE CURRENT AASHTO M254 TYPE S STANDARDS, EXCEPT WHERE CALLED OUT.
24. GRADING SURROUNDING DRAINAGE STRUCTURES SHALL HAVE A UNIFORM SLOPE FROM LAST GIVEN ELEVATION TO THE CATCH BASIN OR DRAIN INLET.
25. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY WITH EXISTING CONTOURS.
26. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMIT LINE DUE TO CONSTRUCTION. ALL WORK MUST BE IN ACCORDANCE WITH LOCAL AND/OR STATE CODES AND REGULATIONS.
27. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND RELATIONS TO OTHER WORK BEFORE FABRICATION AND/OR INSTALLATION.
28. CONTRACTOR SHALL INSURE ALL SURFACES DRAIN PROPERLY.
29. BEFORE COMMENCING WITH WORK AND DURING CONSTRUCTION, CONTACT UTILITY COMPANIES TO LOCATE EXISTING UNDERGROUND UTILITIES.
30. SITE PAVEMENT SHALL SLOPE UNIFORMLY FROM LAST GIVEN GRADE TO PAVEMENT AT BUILDING UNLESS NOTED OTHERWISE.
31. ALL DISTURBED AREA TO BE SEEDDED AND MULCHED AS PER SEEDING CHART ON SHEET 4 OF 4.