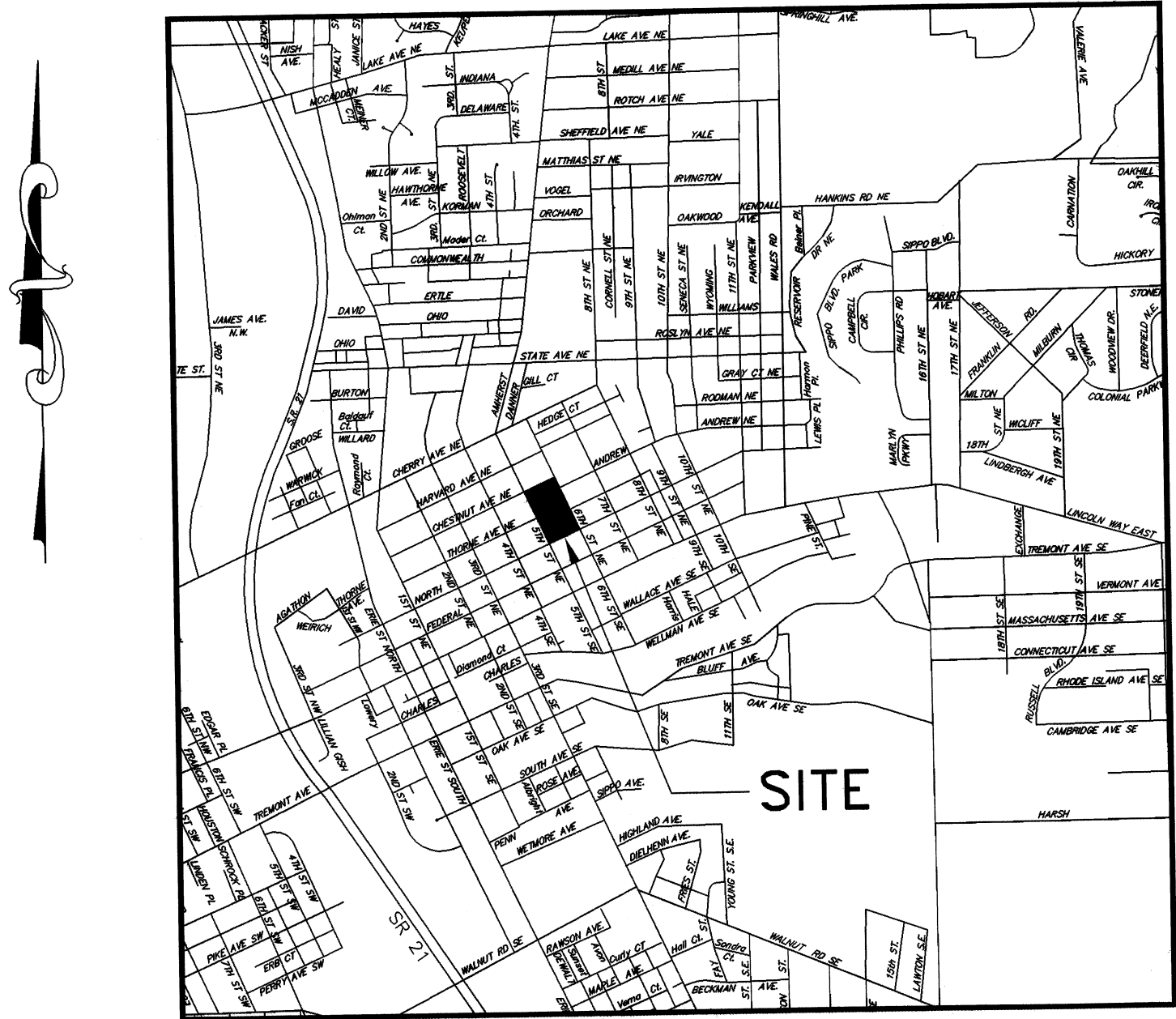


IMPROVEMENT PLANS FOR
MASSILLON SALVATION ARMY
CITY OF MASSILLON, STARK COUNTY, OHIO

NOVEMBER 2009

SURVEYING SERVICES BY
BUCKEYE SURVEYING SERVICES, INC.
1050 LIBERTY LANE, N.W.
NORTH CANTON, OHIO 44720
330-966-5259

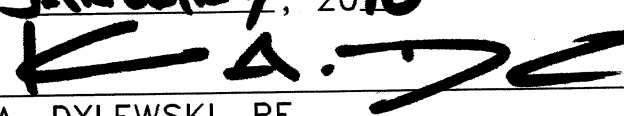
PROJECT ARCHITECT
LAWRENCE AND DYKES ARCHITECTS
125 VALLEYVIEW AVE, N.W.
CANTON, OHIO 44708
330-477-6247



LOCATION MAP

INDEX OF SHEETS

TITLE SHEET	C20
EXISTING CONDITIONS AND REMOVALS PLAN	C21
SITE PLAN	C22
GRADING PLAN	C23
UTILITY PLAN	C24
STORM WATER POLLUTION PREVENTION PLAN	C25
NOTES	C26
DETAILS	C27

APPROVED BY THE MASSILLON CITY ENGINEER THIS 13th
DAY OF January, 2010

KEITH A. DYLEWSKI, PE

ONLY APPROVED SIGNED PLANS BY THE
CITY ENGINEER ARE TO BE USED FOR
CONSTRUCTION.

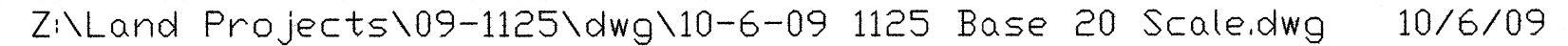
PREPARED AND SUBMITTED BY:



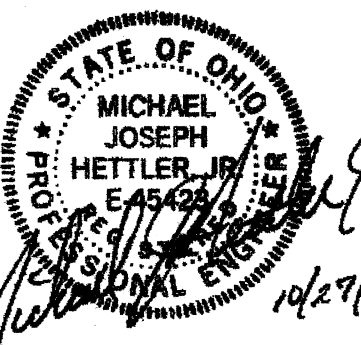
1225 North Main Street • Suite A • North Canton, OH 44720
PH: 330-966-1776 • civileng@hettlerengineering.com

MICHAEL J. HETTLER, JR., P.E.

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-362-2764
OHIO UTILITIES PROTECTION SERVICE
(CONTACT NON-MEMBERS DIRECTLY)



SEAL



REV. DATE

JOB NUMBER:

28019

DRAWN BY:

LJP

JOB CAPTAIN:

MJH

ISSUE DATE:

10/28/09

MASSILLON SALVATION ARMY
MASSILLON, OHIO

LOT NO. 580

6TH STREET N.E.

PROPOSED FACILITY FOR

SITE PLAN

SCALE: 1" = 30'-0"

C2.2

ZONING:

SUBJECT PROPERTY IS ZONED R-1, ONE-FAMILY RESIDENTIAL DISTRICT

REQUIRED STRUCTURE MAXIMUM HEIGHT: 25 FEET

PROPOSED STRUCTURE HEIGHT = 1 STORY, 34 FEET; AVERAGE HEIGHT BETWEEN EAVES (23 FEET) AND RIDGE (45 FEET)

REQUIRED BUILDING SETBACKS:

FRONT YARD (6TH STREET) = 34 FEET

SIDE YARD ON CORNER LOT = 34 FEET

REAR YARD = 34 FEET

PROVIDED BUILDING SETBACKS:

FRONT YARD = 95.8 FEET (6TH STREET)

SIDE YARD = 34.0 FEET (CHESTNUT AVE.)

SIDE YARD = 265.9 FEET TO FUTURE ADDITION (NORTH AVE.)

REAR YARD = 34.0 FEET (5TH STREET)

PARKING REQUIREMENTS (90° PARKING PATTERN):

MANEUVERING LANE WIDTH = 24 FEET

PARKING SPACE WIDTH = 9 FEET

PARKING SPACE LENGTH = 20 FEET

PARKING SPACES PROVIDED: 10 FOOT BY 20 FOOT

PARKING SPACES REQUIRED:

SANCTUARY: ONE SPACE PER 6 SEATS

192 SEATS/6=32 SPACES

MULTIPURPOSE ROOM:

4494 SQUARE FEET/(15 SQUARE FEET/SEAT)=300 SEATS

ONE SPACE PER 6 SEATS 300/6=50 SPACES

TOTAL PARKING SPACES REQUIRED = 82

PARKING SPACES PROVIDED: 61 INCLUDING 4 HANDICAP, PLUS 21 (NET)

LAND BANKED; TOTAL = 82 SPACES

VARIANCES BEING REQUESTED:

- 1.) BUILDING HEIGHT 9 FOOT VARIANCE
- 2.) PARKING LOCATED WITHIN THE FRONT YARD SETBACK

BUILDING IS A PERMITTED USE REQUIRING REVIEW AND APPROVAL BY PLANNING COMMISSION. (GRANTED 10/09)

SUBJECT PROPERTY IS IN FLOOD "ZONE C" (AREAS OF MINIMAL FLOODING) PER FEMA MAP, COMMUNITY PANEL NUMBER 390517 0002 C WITH EFFECTIVE DATE OF JULY 5, 1982.

LIGHT DUTY PAVEMENT
HEAVY DUTY PAVEMENT

DIMENSIONS TO BUILDING FROM PROPERTY LINES ARE APPROXIMATE AND TO THE EXTERIOR BUILDING MATERIAL.

THE CONFIGURATION AND LAYOUT OF THE PROPOSED BUILDING, PARKING, AND DRIVES WERE PROVIDED BY LAWRENCE AND DYKES ARCHITECTS.

REFER TO ARCHITECTURAL PLANS FOR EXACT CONFIGURATION AND DIMENSIONS OF THE PROPOSED BUILDING.

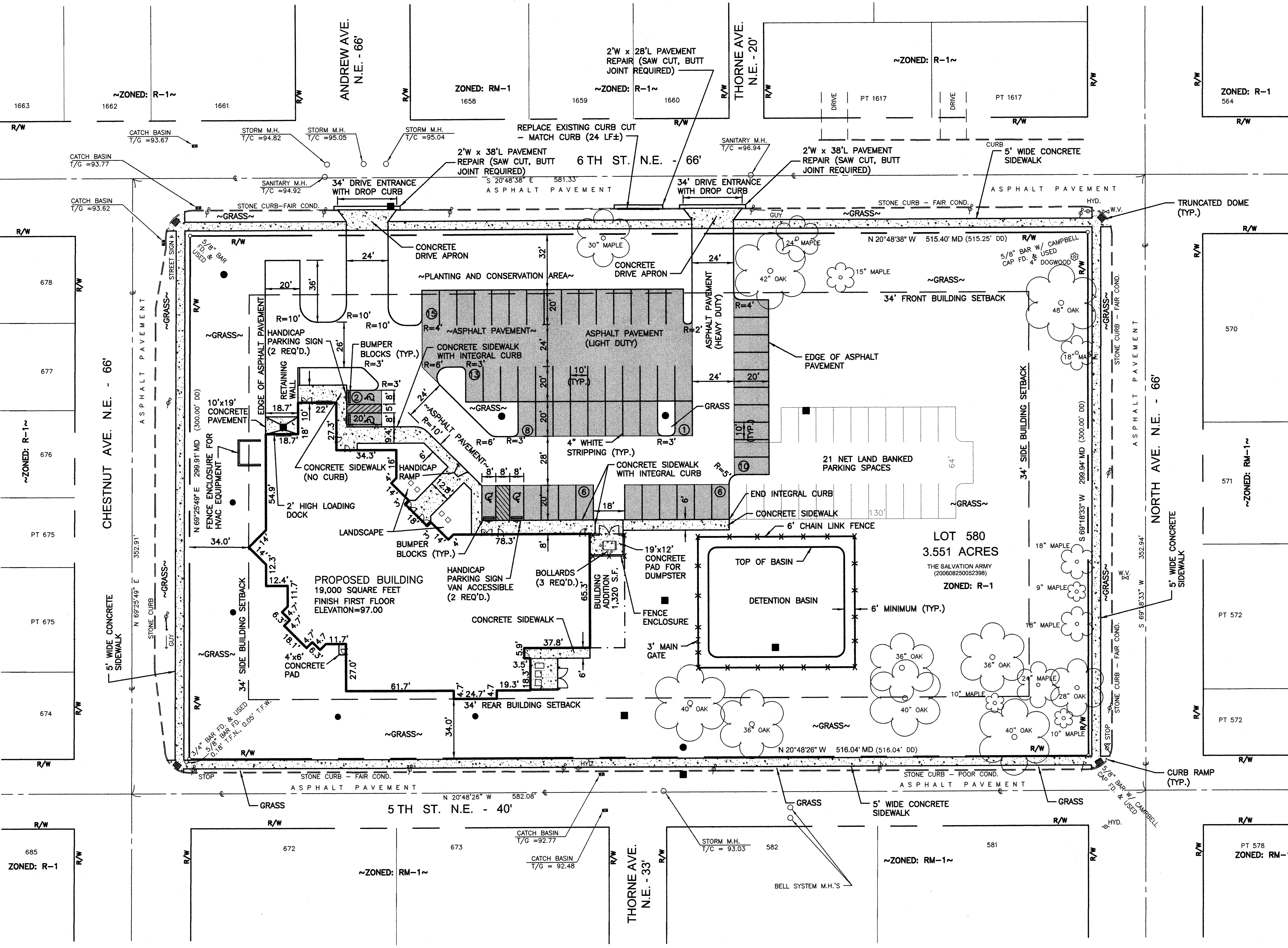
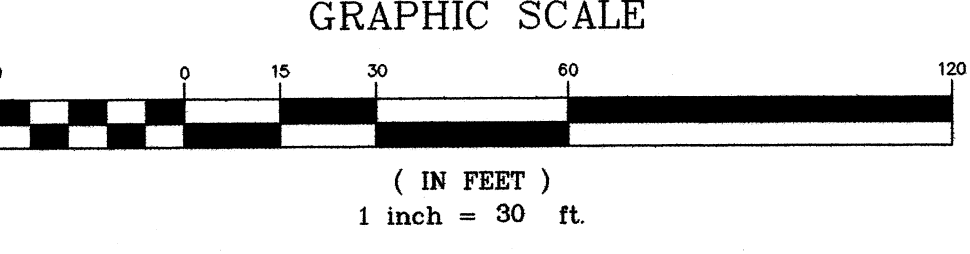
THE CONCRETE SIDEWALK/APRON IN FRONT OF THE DUMPSTER SHALL BE 8" THICK ODOT ITEM 451 CONCRETE WITH 8" OF ODOT ITEM 304 LIMESTONE BASE.

IF THE MULTI-PURPOSE BUILDING ADDITION ALTERNATE BID IS CHOSEN, CONTRACTOR SHALL MOVE DUMPSTER PAD, FENCE, BOLLARDS, AND CURB OPENING TO THE SOUTH 20 FEET AND ADJUST PARKING SPACES AS DIRECTED BY THE ENGINEER.

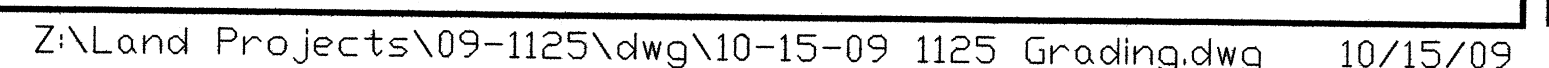
Hettler Engineering LLC
Civil & Construction Consultants

1225 North Main Street • Suite A • North Canton, OH 44720

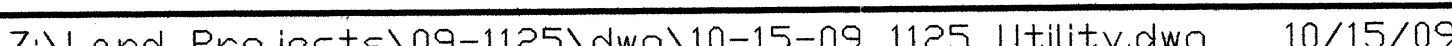
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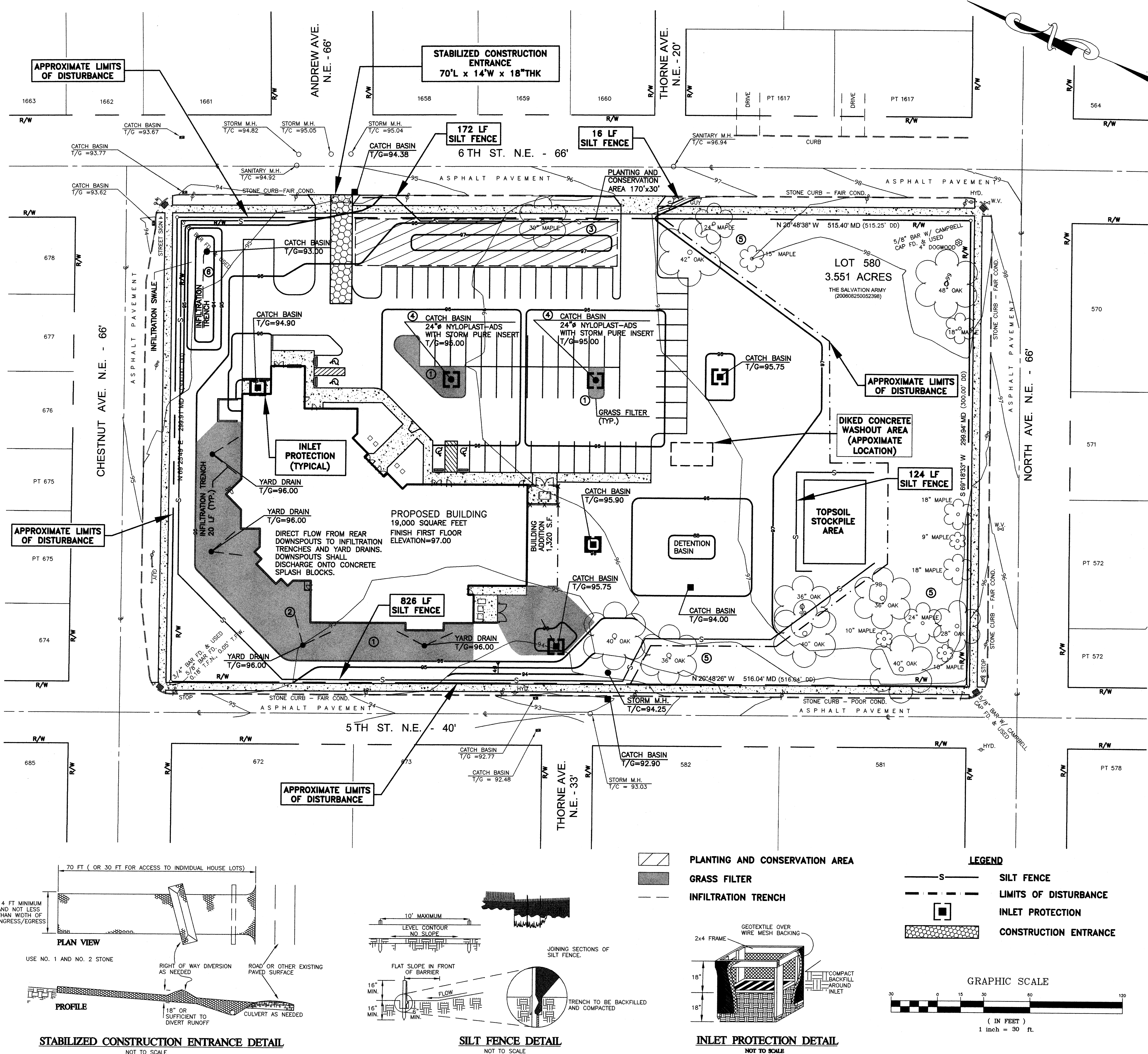


C2.3



C2.4





GENERAL NOTES FOR STORM WATER POLLUTION PREVENTION PLAN:

- TEMPORARY SOIL STABILIZATION (DOT ITEM 207) SHALL OCCUR WITHIN SEVEN (7) DAYS AFTER ROUGH GRADING IF A DISTURBED AREA WILL REMAIN IDLE LONGER THAN TWENTY ONE (21) DAYS. PERMANENT SOIL STABILIZATION (DOT ITEM 659) SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE (2 DAYS FOR AREAS WITHIN 50' OF STREAM). PERMANENT VEGETATION IS A GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITION.
- ALL SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL. A WRITTEN LOG OF THESE INSPECTIONS MUST BE KEPT. (DATES OF INSPECTION, WEATHER CONDITIONS, OBSERVATIONS, ACTIONS TAKEN TO CORRECT PROBLEM, AND DATE INFORMATION WAS TAKEN). WHEN SEDIMENT AND EROSION CONTROL STRUCTURES/DEVICES NEED REPAIRED/ALTERED, THE WORK SHALL BE COMPLETED WITHIN THREE (3) DAYS OF INSPECTION (SEDIMENT POND - REPAIR WITHIN 10 DAYS).
- NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.
- CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROAD NOTED ON THE PLAN. (STABILIZED CONSTRUCTION ENTRANCE).
- OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
- THE SOIL EROSION FOR THE SITE WILL BE CONTROLLED WITH THE USE OF SILT FENCE, INLET PROTECTION AND A CONSTRUCTION DRIVE ENTRANCE.
- FOR DRAINAGE AREAS AND CALCULATIONS, SEE THE DRAINAGE REPORT FOR THIS PROJECT.

TOTAL SITE AREA = 3.551 ACRES
APPROXIMATE DISTURBED AREA = 2.82± ACRES

CONSTRUCTION SEQUENCE:

- INSTALL ALL SEDIMENT CONTROL DEVICES (SILT FENCE, INLET PROTECTION, AND STABILIZED CONSTRUCTION ENTRANCE) AS PER THE OHIO STANDARDS FOR STORM WATER MANAGEMENT (LAND DEVELOPMENT AND URBAN STREAM PROTECTION, RAINWATER AND LAND DEVELOPMENT MANUAL).
- THE CITY OF MASSILLON MUST INSPECT AND APPROVE ALL SEDIMENT CONTROL DEVICES PRIOR TO ANY EARTH MOVING ACTIVITY. A PRE-CONSTRUCTION MEETING IS REQUIRED. (CONT. THE CITY OF MASSILLON ENGINEER AT (330) 830-1722 TO SCHEDULE PRE-CONSTRUCTION MEETING).
- CLEAR AND GRADE THE PROJECT SITE LOCATED WITHIN THE LIMITS OF DISTURBANCE AS INDICATED ON THE CONSTRUCTION DRAWINGS. CONSTRUCT ALL PROPOSED IMPROVEMENTS AND ALL UTILITIES.
- PERMANENTLY STABILIZE ALL DISTURBED AREAS (DOT 659). THE CITY OF MASSILLON MUST APPROVE ALL STABILIZATION PRIOR TO THE REMOVAL OF ANY SEDIMENT CONTROL DEVICES.
- INSTALL ALL POST CONSTRUCTION BMP'S AS SOON AS CONSTRUCTION IS COMPLETE AND STABILIZATION HAS OCCURRED AS REQUIRED.

POST CONSTRUCTION BMP'S: - TO BE INSTALLED AFTER SITE IS STABILIZED

- GRASS FILTER AREAS
- INFILTRATION TRENCHES
- 170'x30' PERMANENT GREEN AREA
(GRASS, NATIVE PLANTS/TREES)
- CATCH BASIN FILTER INSERTS
- SAVE/MAINTAIN ALL EXISTING TREES
- INFILTRATION SWALE

DISPOSAL OF SOLID, SANITARY AND TOXIC WASTE
SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY OR POUR OUT ONTO THE GROUND OR INTO STORM SEWERS. PAINTS, STAINING, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND OTHER SUCH TOXIC OR HAZARDOUS WASTES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN A DIKED, DESIGNATED AREA WHERE THE WASTE CAN BE COLLECTED AND DISPOSED OF PROPERLY WHEN THEY HARDEN. STORAGE TANKS SHOULD BE LOCATED IN DIKED AREAS AWAY FROM DRAINAGE CHANNELS. THE DIKED AREA SHOULD HOLD A VOLUME 110% OF THE LARGEST TANK.

PROJECT DESCRIPTION AND NARRATIVE
THE PROPOSED PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW FACILITY FOR THE MASSILLON SALVATION ARMY. THE SITE WORK WILL INCLUDE REMOVALS, EARTHWORK, UTILITIES, GRADING, ASPHALT PAVEMENT, CONCRETE SIDEWALKS IN ADDITION TO THE CONSTRUCTION OF THE NEW BUILDING.

SEED, MULCH, FERTILIZE AND LIME REQUIREMENTS SHALL MEET THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION MATERIAL SPECIFICATIONS ITEM 207 TEMPORARY SEDIMENT AND EROSION CONTROLS AND ITEM 659 SEEDING AND MULCHING. SEEDING METHODS SHALL BE PER DOT 659.12 (INCLUDING SEEDING SCHEDULE INFORMATION).

SOIL TYPES

CuB - RAVENNA - CHILI-URBAN LAND COMPLEX, UNDULATING

ALL TREES SHALL BE PROTECTED DURING CONSTRUCTION. THE SITE CONTRACTOR SHALL PLACE AN APPROVED BARRIER AROUND ALL EXISTING TREES TO PREVENT VEHICLES AND MATERIALS FROM BEING PARKED OR STORED WITHIN THE CANOPY AREAS.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

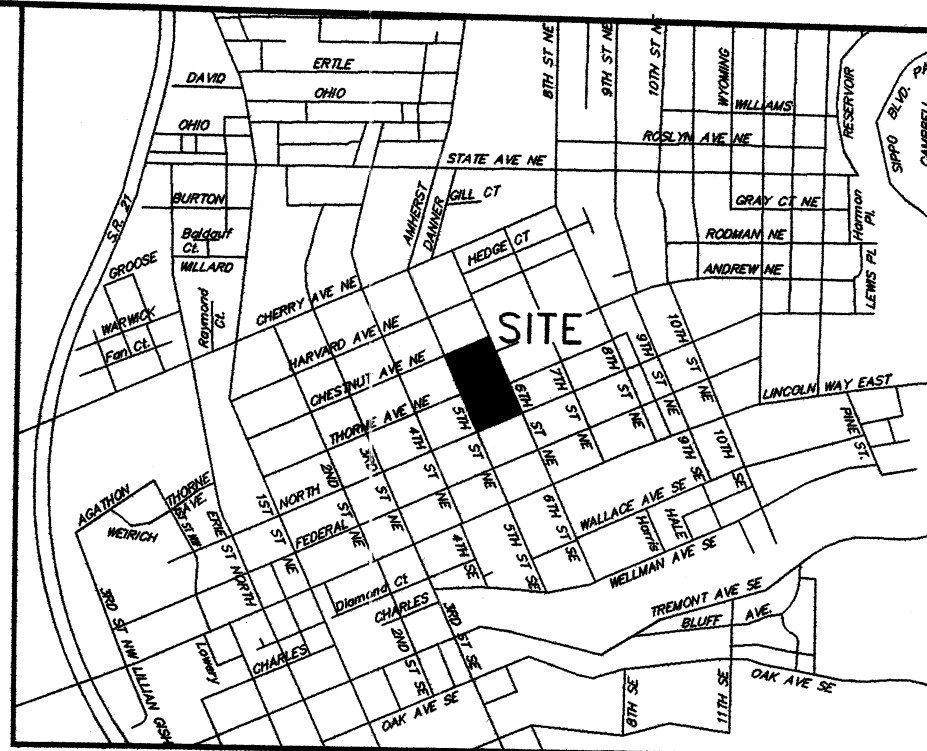
THE CONTRACTOR SHALL PREVENT AND/OR REDUCE AND CONTROL SOIL EROSION RESULTING FROM THE PROPOSED IMPROVEMENTS. THE USE OF SILT FENCING, JUTE MATTING, TEMPORARY SEEDING, SOD, SILT CHECKS, INLET PROTECTION AROUND ALL CATCH BASINS, STABILIZED CONSTRUCTION ENTRANCE(S), ETC. WILL BE REQUIRED. SEDIMENT CONTROL STRUCTURES/DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL, RAINWATER AND LAND DEVELOPMENT - OHIO'S STANDARDS FOR STORMWATER MANAGEMENT (LAND DEVELOPMENT AND URBAN STREAM PROTECTION, THIRD EDITION DATED 2006). SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUED INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS SET FORTH ON THE APPROVED STORM WATER POLLUTION PREVENTION PLAN IF APPLICABLE, OR AS DETAILED ON THE CONSTRUCTION PLANS, AS SPECIFIED BY THE CITY OF MASSILLON.

LAWRENCE
and
DYKES

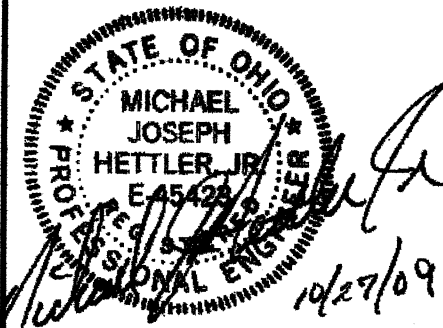
* ARCHITECTS

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CANTON, OHIO 44708
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FAX (330) 477-6285

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L/D DESIGN GROUP, INC.LOCATION MAP
NOT TO SCALE

SEAL



REV. DATE

JOB NUMBER:

28019

DRAWN BY:

LJP

JOB CAPTAIN:

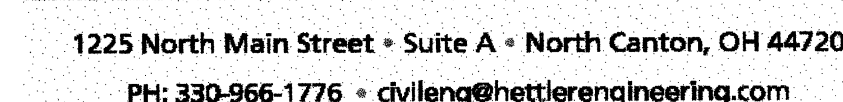
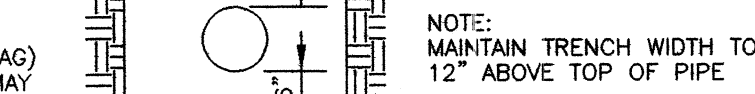
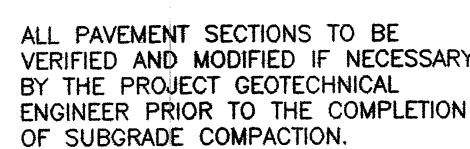
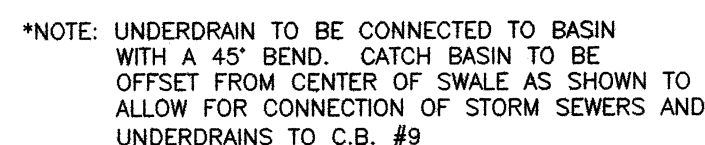
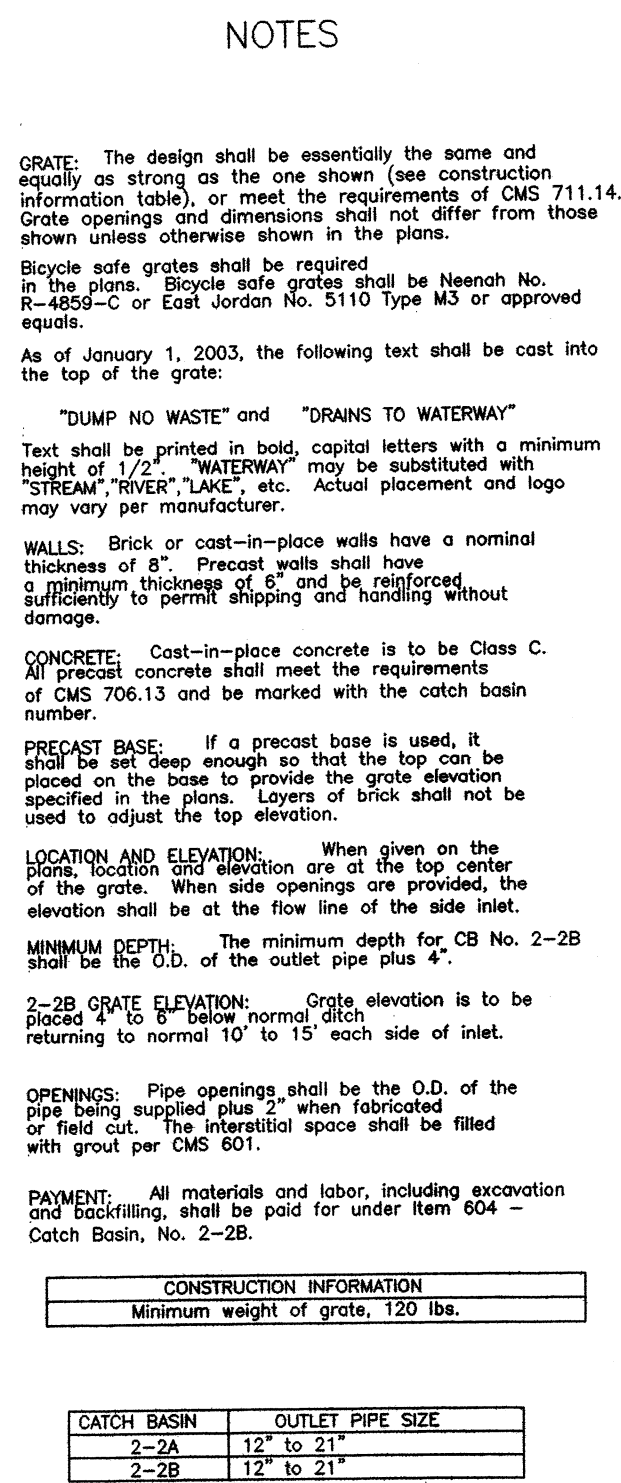
MJH

ISSUE DATE:

10/28/09

PROPOSED FACILITY FOR
MASSILLON SALVATION ARMY
STORM WATER POLLUTION
C2.5

LOT NO. 580
6TH STREET N.E.
MASSILLON, OHIO



6TH STREET N.E.