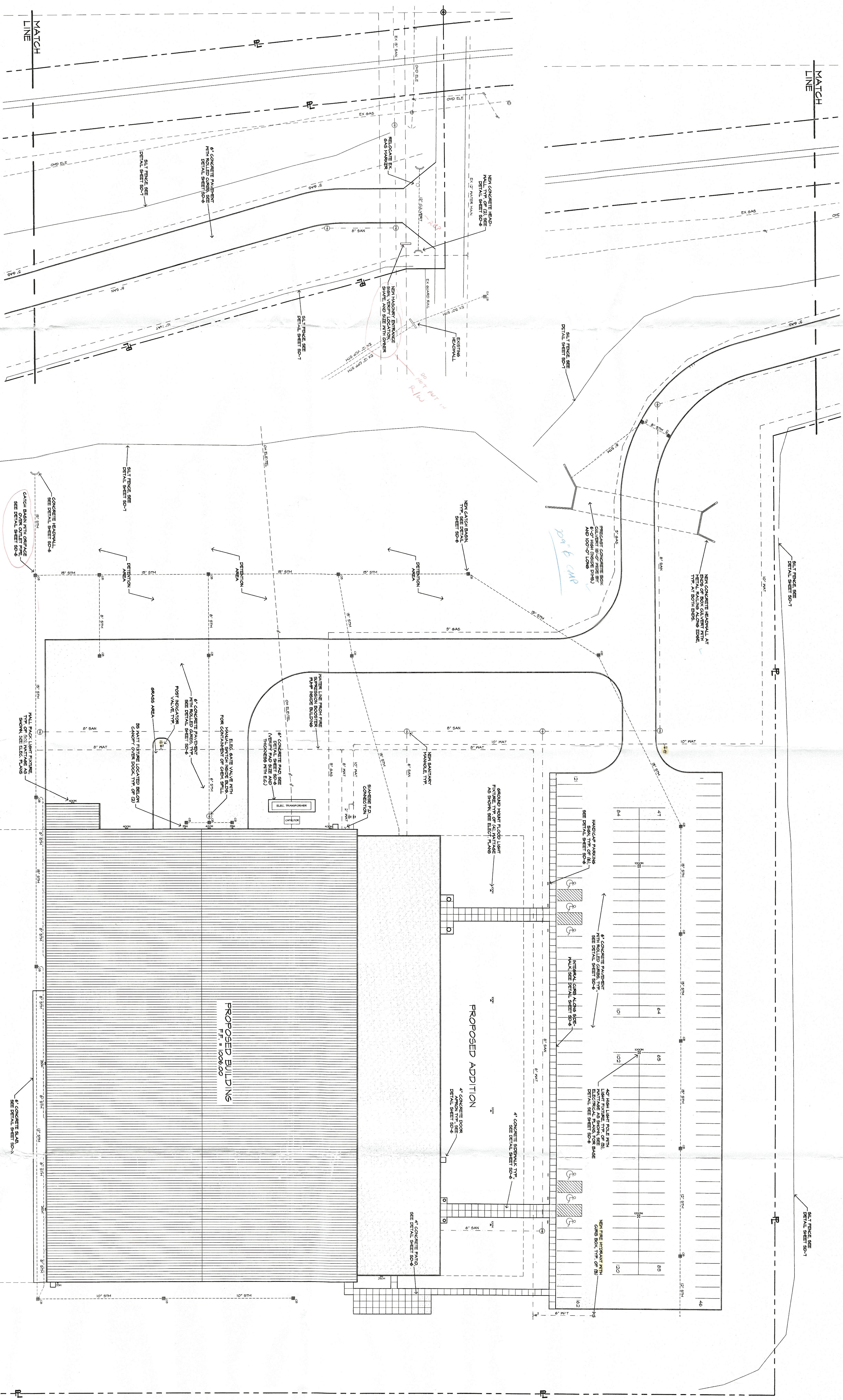


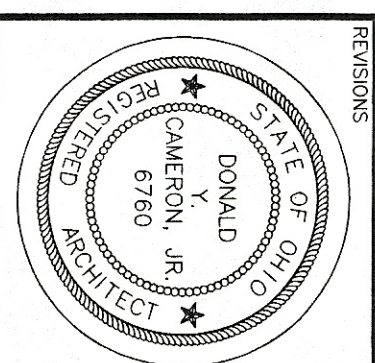
NORTH
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SCALE 1" = 30'-0"



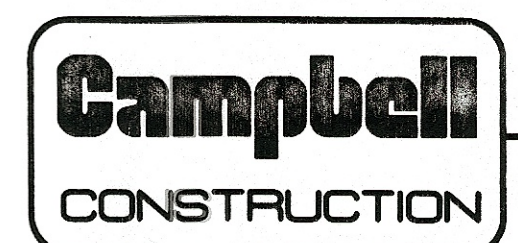
PROPOSED ADDITION

PROPOSED BUILDING
F.F. = 100,600

PROPOSED ADDITION



NEW FACILITY FOR
HARWICK CHEMICAL MFG. CORPORATION
NAYARRE ROAD
MASSILLON, OHIO 44646

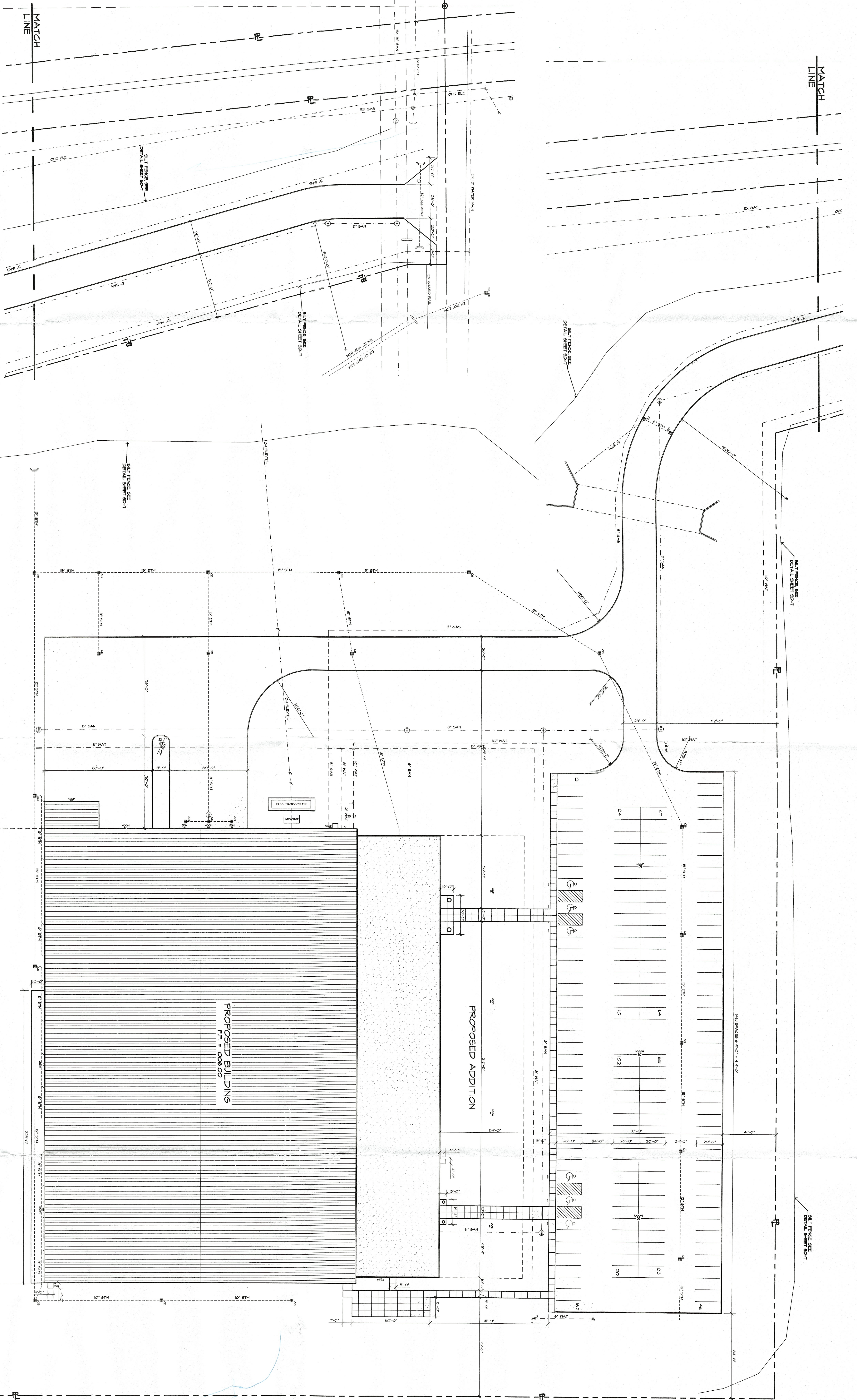


GENERAL CONTRACTORS
COMMERCIAL • INDUSTRIAL

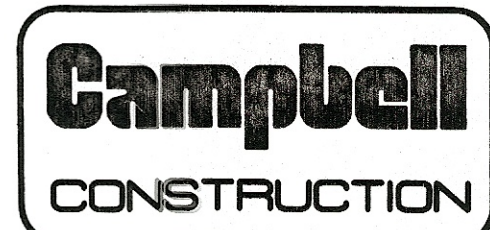
1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/262-5166

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DRAWN BY	DL6
CHECKED BY	DL6
DATE	7-1-86
DRAWING NO.	SD-2

NORTH
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SITE PLANS
SCALE 1" = 30'-0"

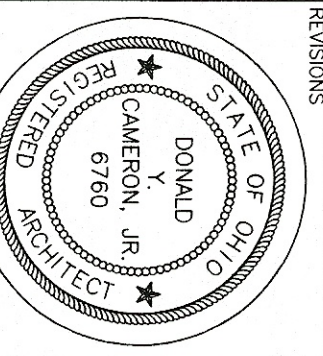


NEW FACILITY FOR
HARWICK CHEMICAL MFG. CORPORATION
NAVARRA ROAD
MASSILLON, OHIO 44646



GENERAL CONTRACTORS
COMMERCIAL • INDUSTRIAL

1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/262-5168



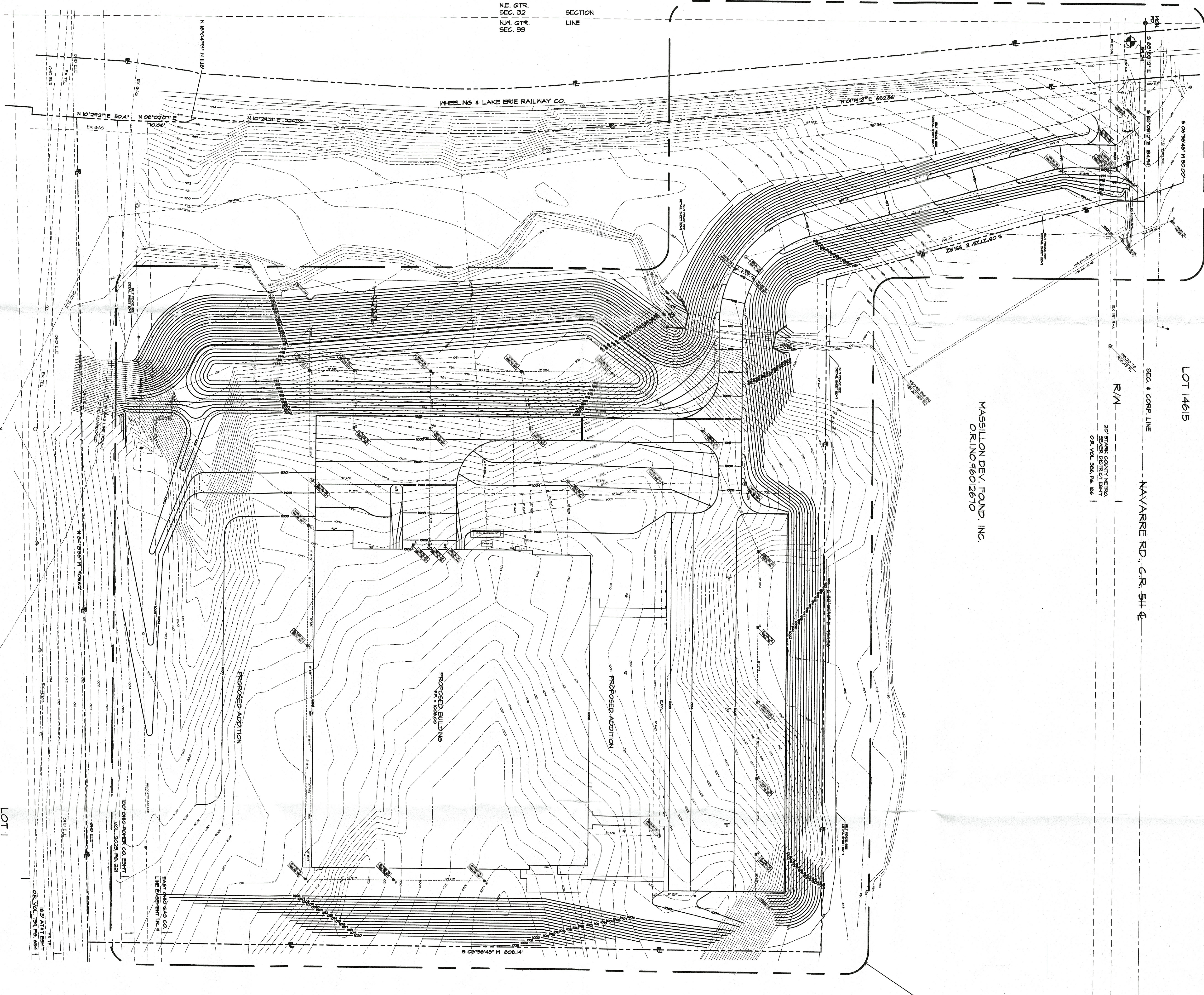
REVISIONS
1
FILE
-JCM/SD-LDMS

DRAWN BY
DLG

DATE
7-1-88

DRAWING NO.
SD-3

SD-3



MASSILLON DEV. FOUND. INC.
O.R. NO. 46012670

LOT 14615
SEC. 4 CORP. LINE
NAVARE RD., C.R. 514 E
R/W
20 STATE COUNTY TRUNK
O.R. NO. 46012670

SEE ENLARGED SITE
PLAN, SHEET SD-5

MASSILLON DEV. FOUND. INC.
O.R. NO. 46012670

LOT 1
NEO. COM. PARK-PHASE I

CURVE DATUM #1

R = 1055.00'
D = 00°10'28"
Bn = N 01°24'35" E
T = 23.57'

CURVE DATUM #2

A = 107.54'
R = 111.28'
D = 04°10'00"
Cn = N 05°42'11" E
T = 43.90'

LOT

16 ACRE TRACT

BENCHMARKS

TOP OF 1/2" IRON BAR SET 20'
SOUTH OF THE CENTERLINE OF
NAVARE RD., 40' WEST OF THE
EASTERN PROPERTY CORNER
ELEVATION 1005.25

1" CHIEFED IN THE SOUTHWEST
CORNER OF CONCRETE HEADWALL,
25' SOUTH OF THE CENTERLINE
OF NAVARE RD., 55' EAST OF
THE NORTHEAST PROPERTY
CORNER. ELEVATION = 995.46

1/4" NAIL SET 1' +/- SOUTH SIDE OF
WOOD POLE #655171 @ STA. 38+00,
1024.75 AVE., 222' RT. ELEVATION
1024.75

NOTES:

UTILITY LOCATIONS SHOWN HEREON
WERE COMPILED FROM PLAN
NUMBERED 1000-1000-1000-1000
LOCATION OF SURFACE UTILITY
STRUCTURES, EXACT LOCATION OF
UNDERGROUND UTILITIES ARE
UNKNOWN.

HANMONTREE & ASSOCIATES, LIMITED
CHARLES F. HANMONTREE
P.E. #1265
3-25-48

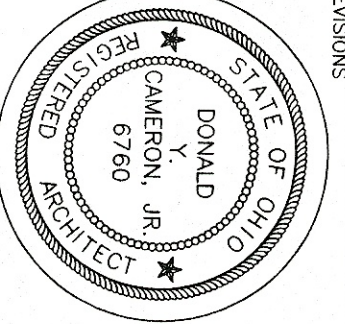
THE OIL AND GAS PRODUCERS
UNDERGROUND INFORMATION SERVICE
P.O. BOX 1208
GRANVILLE, OHIO 43031-0208

PHONE (614) 587-0486 OR
CALL TOLL FREE 800-925-0988

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICES

TOPOGRAPHICAL LEGEND			
TC = TOP OF CURB	EXISTING POINT ELEVATION	1005.25'	1005.25'
TP = TOP OF PAVEMENT	NEW POINT ELEVATION	1005.25'	1005.25'
SD = GRADE	EXISTING CONTOUR LINE	100	100
TV = TOP OF GRAVE	NEW CONTOUR LINE	100	100
INV = INVERT			

NORTH
TOPOGRAPHICAL
SITE PLAN
SCALE 1" = 50'-0"



FILE
JANUARY 4, 1996

DATE
D.L.G.

DATE
7-1-48

SD-4

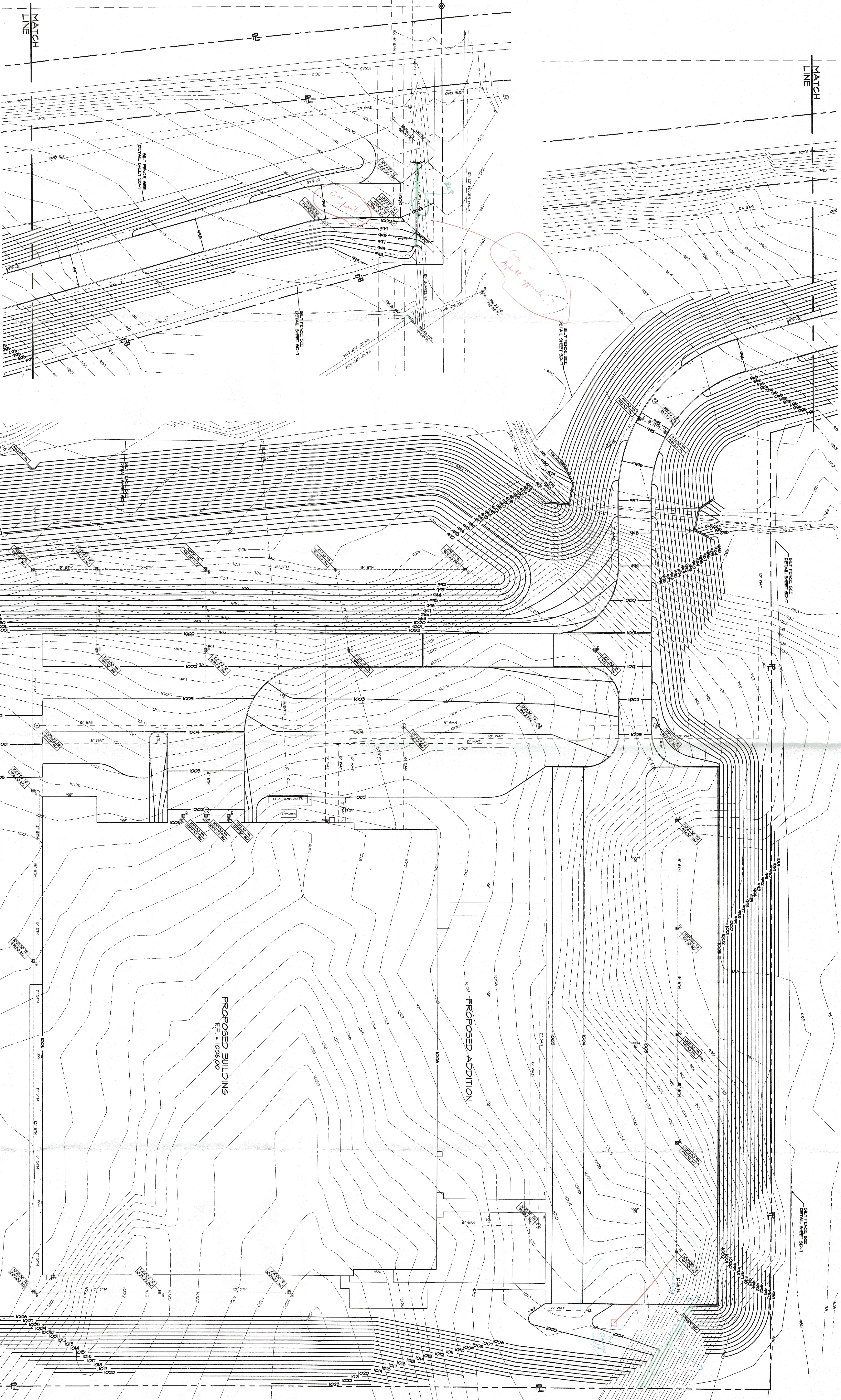
NEW FACILITY FOR
HARNICK CHEMICAL MFG. CORPORATION
NAVARE ROAD
MASSILLON, OHIO 44646



GENERAL CONTRACTORS
COMMERCIAL • INDUSTRIAL

1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/262-5166

NORTH
ENLARGED TOPOGRAPHICAL
SITE PLANS
SCALE 1" = 50'-0"

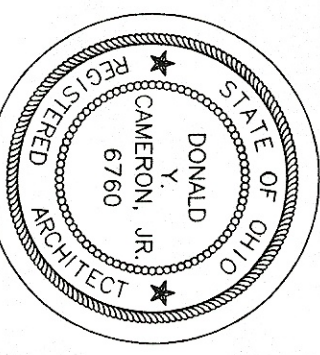


NEW FACILITY FOR
HARNICK CHEMICAL MFG. CORPORATION
NAVARRA ROAD
MASSILLON, OHIO 44646

Campbell
CONSTRUCTION

GENERAL CONTRACTORS
COMMERCIAL • INDUSTRIAL

1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/262-5166



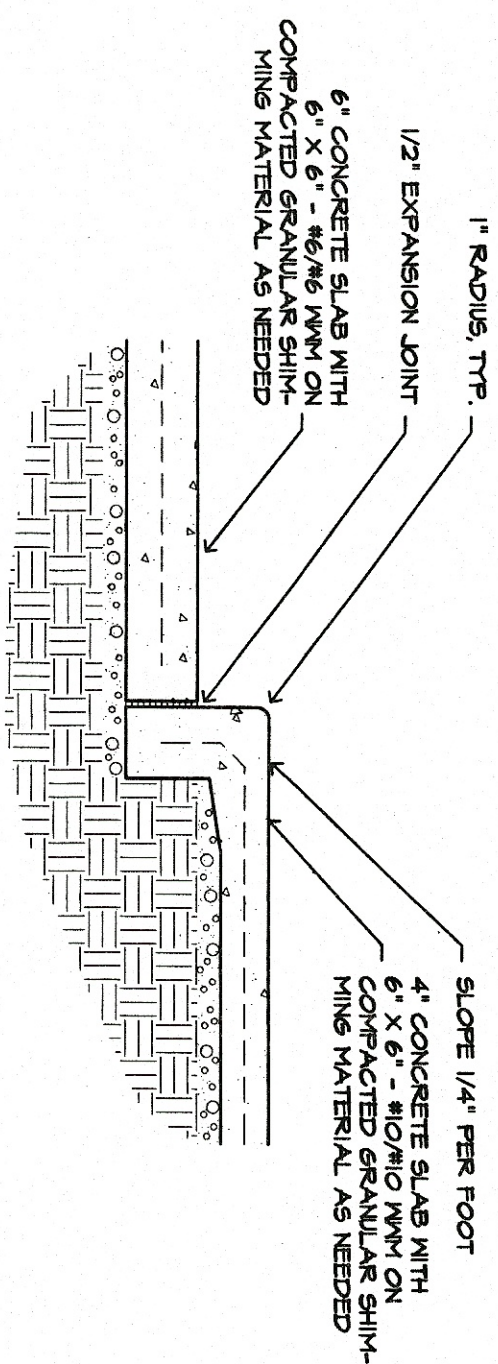
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FILE NO.

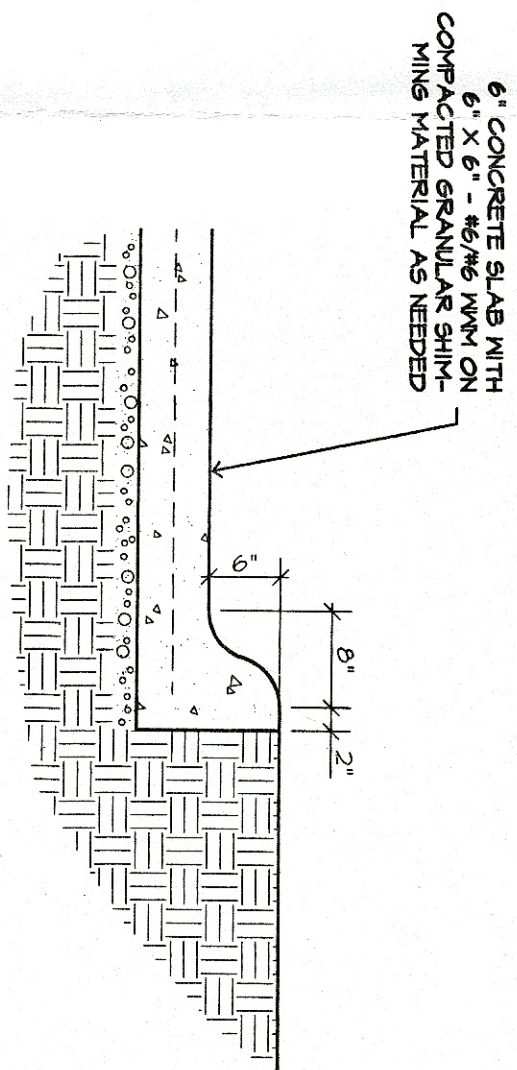
DATE

BY

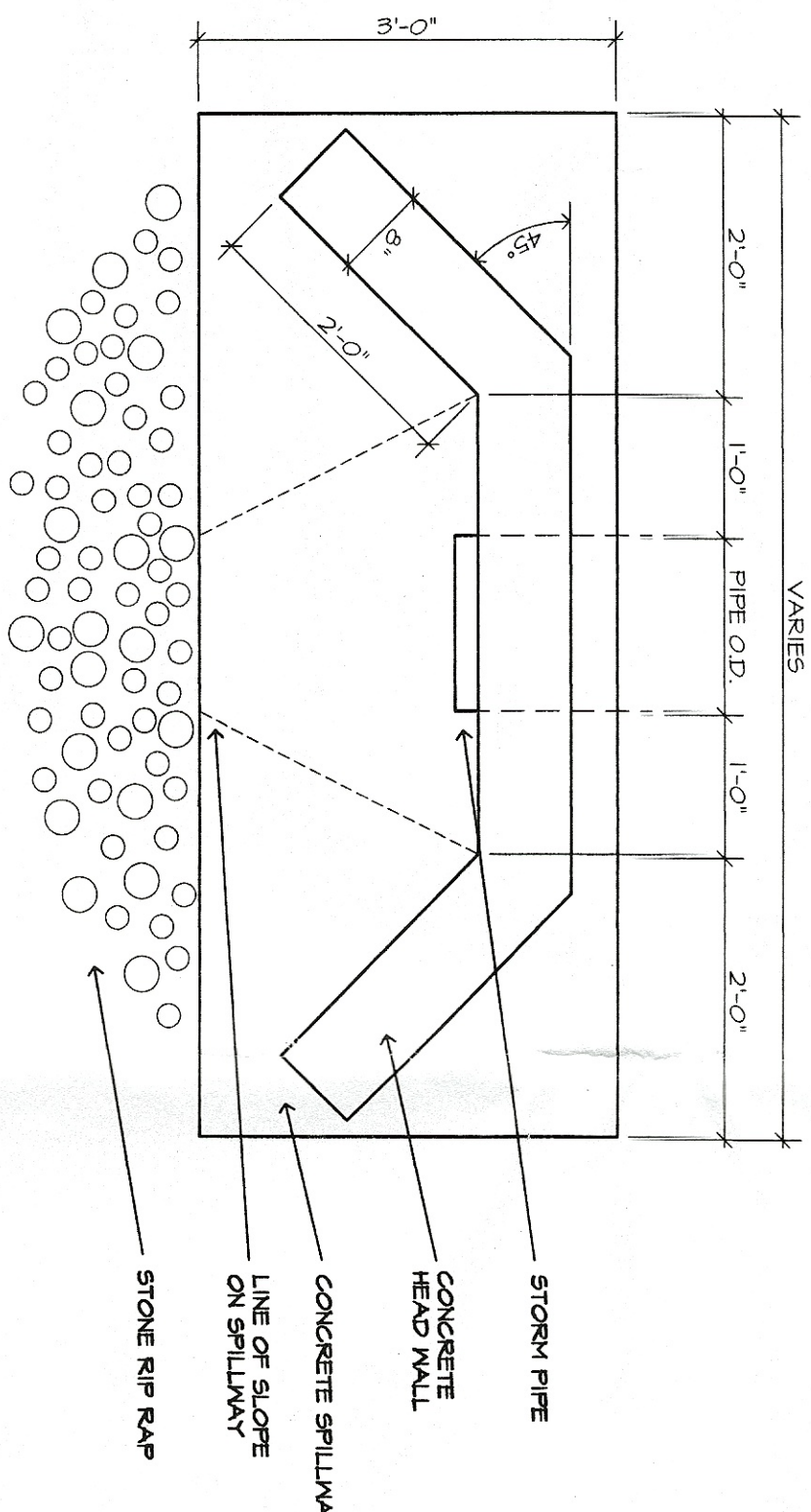
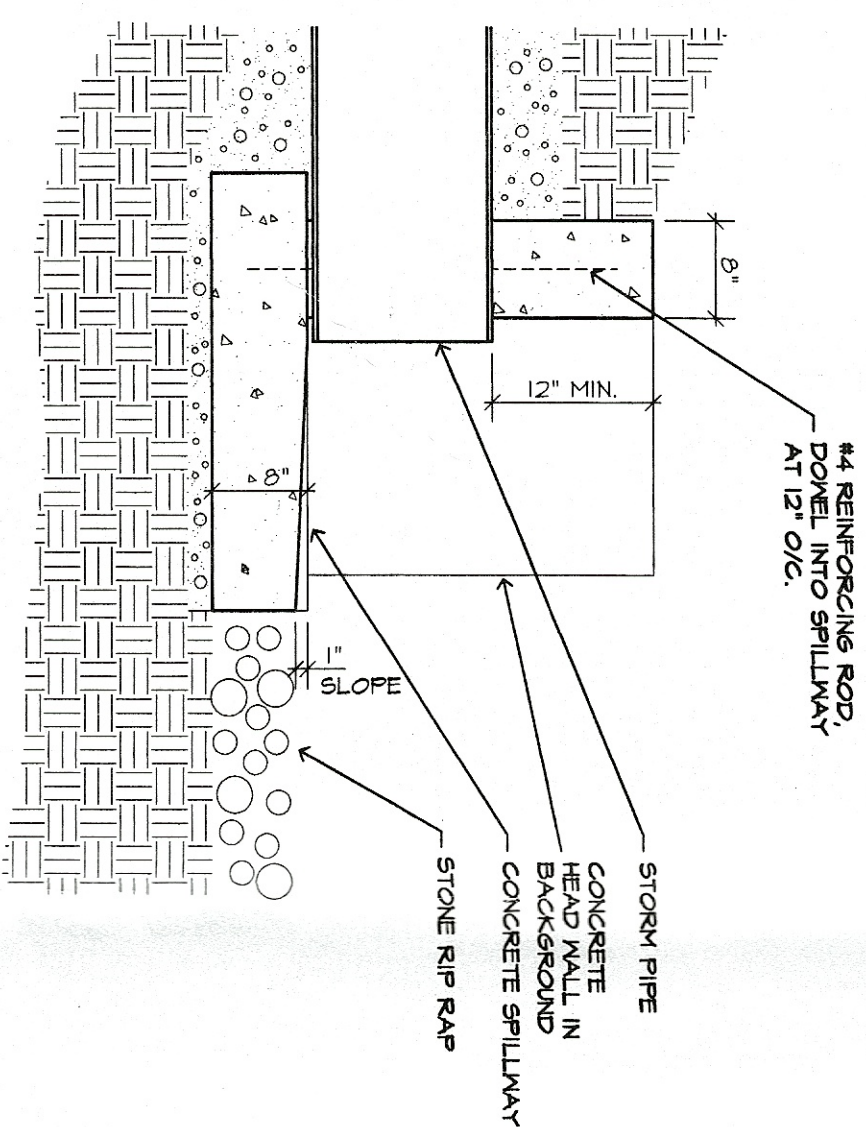
SD-5



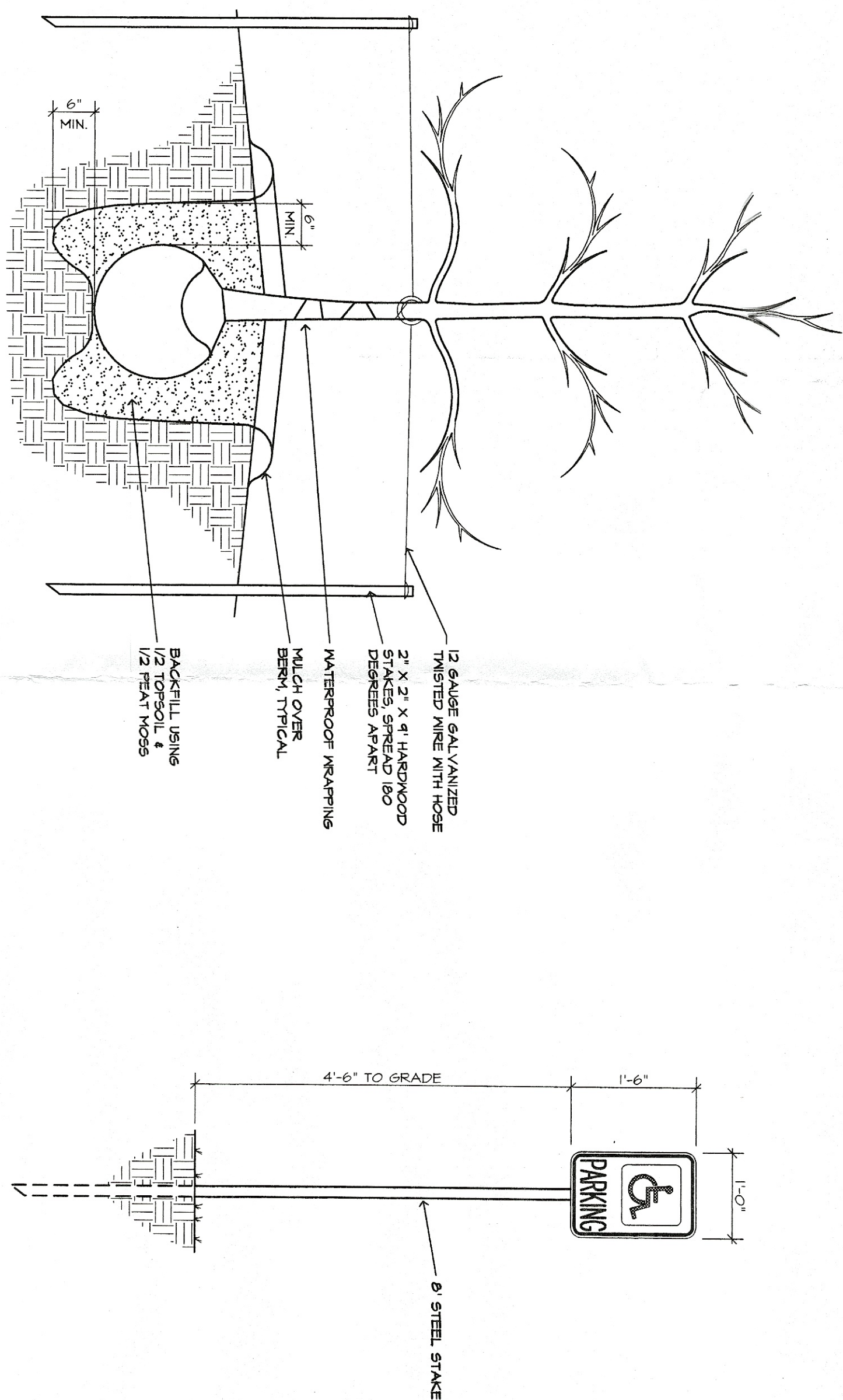
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SCALE = NO SCALE



ROLLED CURB DETAIL
SCALE = NO SCALE

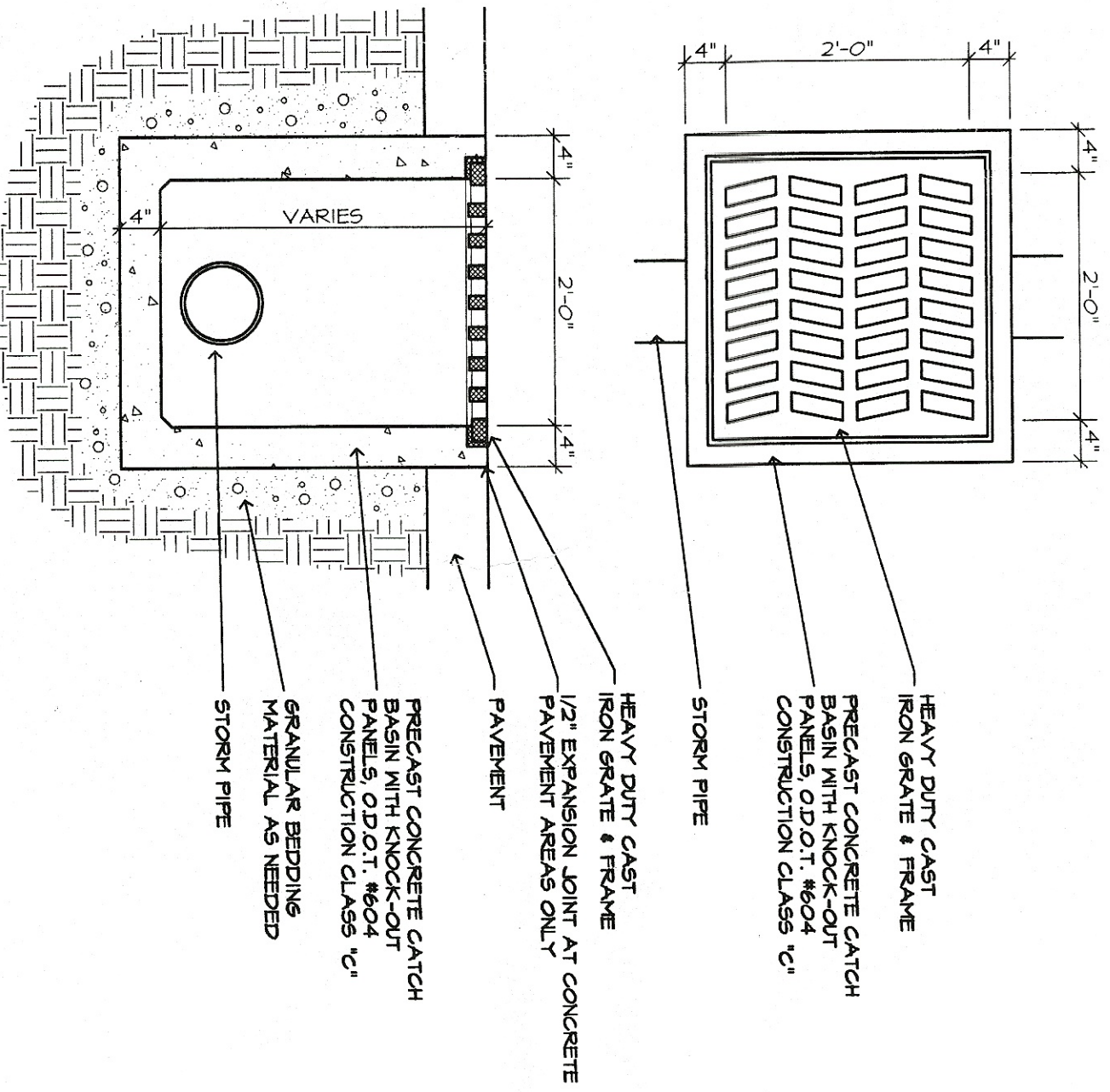


HEAD WALL DETAIL
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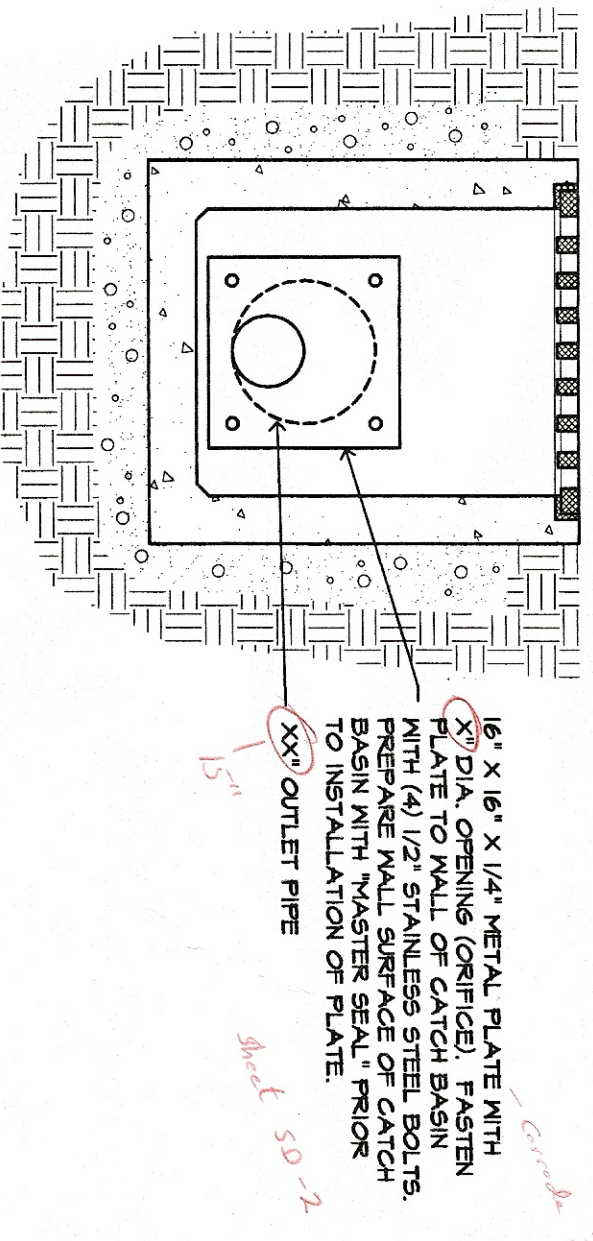


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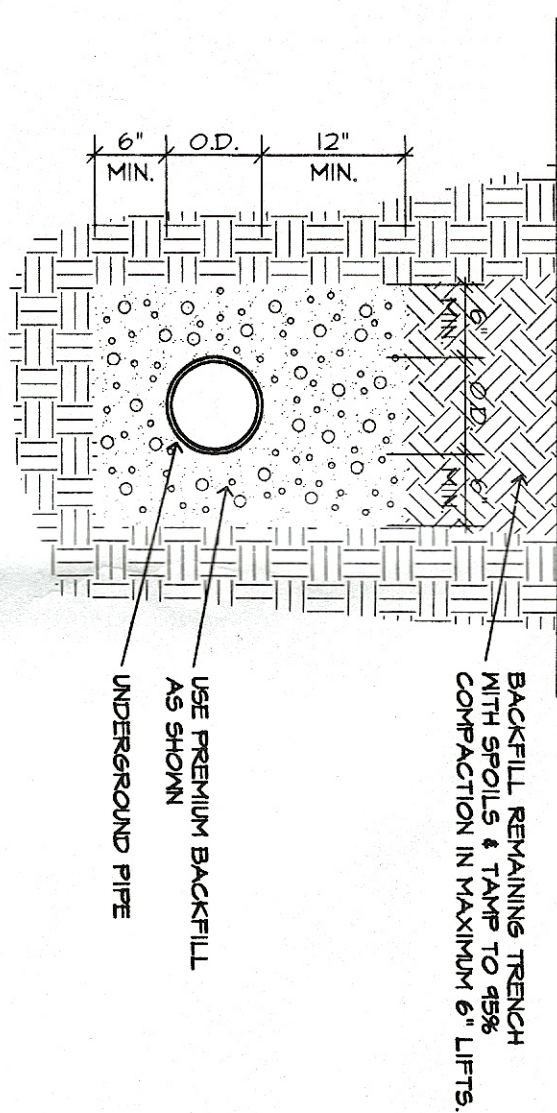
H.C. PARKING SIGN DETAIL
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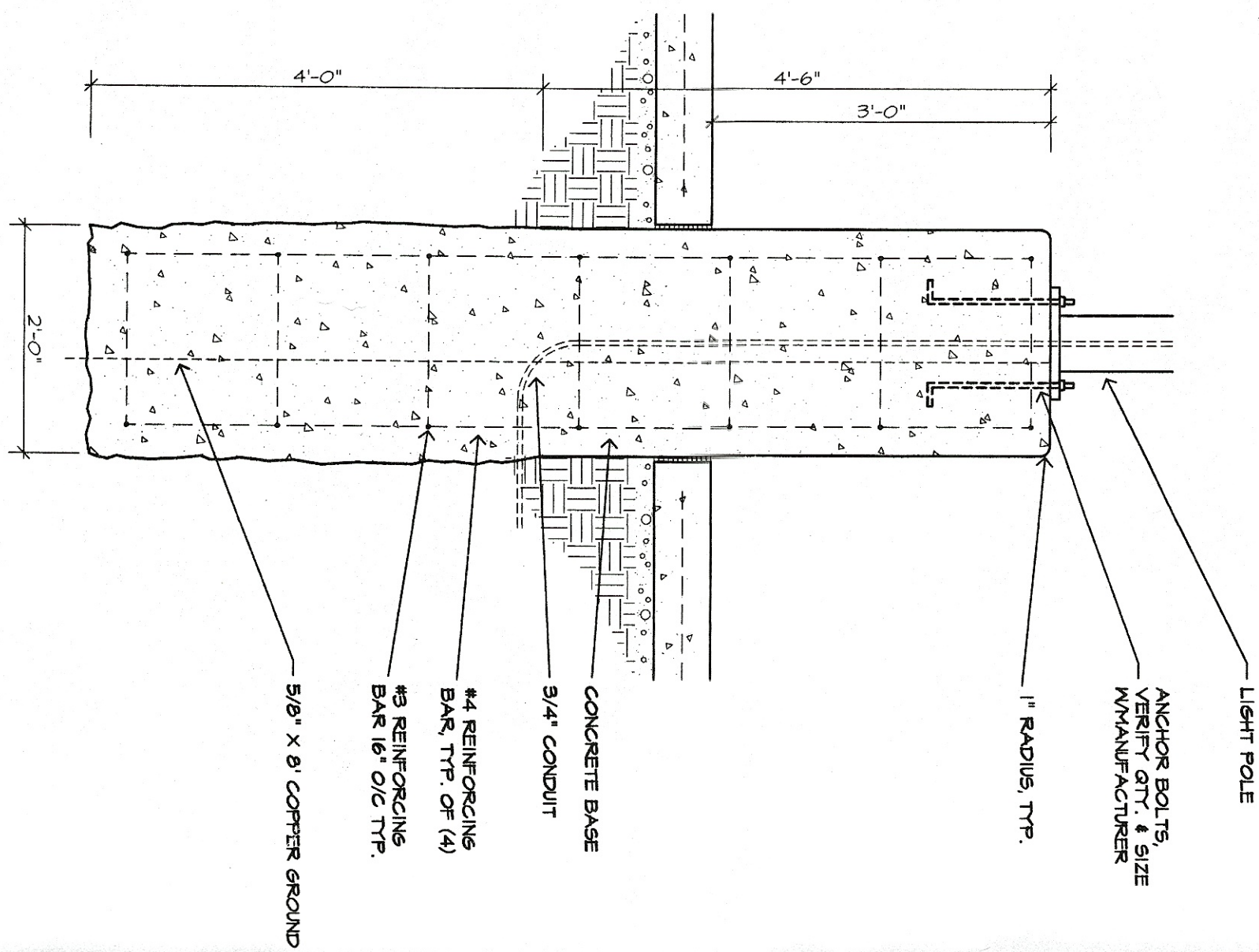
CATCH BASIN DETAILS
SCALE = NO SCALE



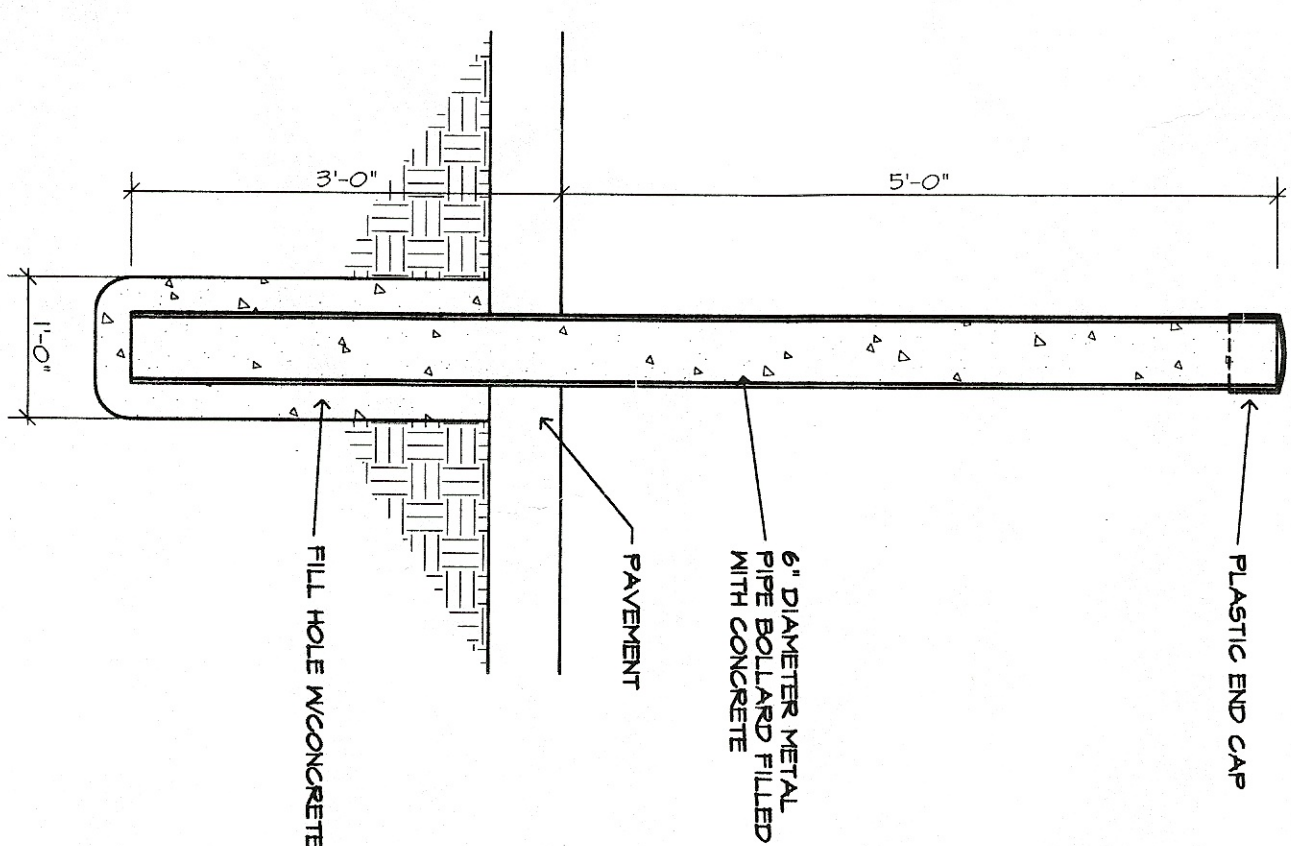
CATCH BASIN ORIFICE DETAIL
SCALE = NO SCALE



TRENCH DETAIL
SCALE = NO SCALE



LIGHT POLE BASE DETAIL
SCALE = NO SCALE



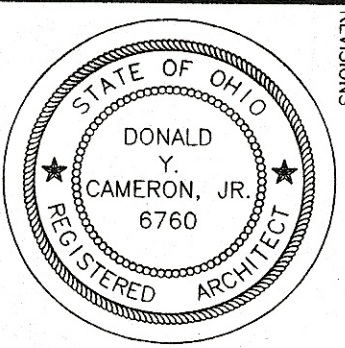
PIPE BOLLARD DETAIL
SCALE = NO SCALE

NEW FACILITY FOR
HARNICK CHEMICAL MFG. CORPORATION
NAVARRA ROAD
MASSILLON, OHIO 44646

Campbell
CONSTRUCTION

GENERAL CONTRACTORS
COMMERCIAL • INDUSTRIAL

1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/282-5168



PROJECT
NO. 1
DATE
7-1-83
DRAWN BY
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PROJECT
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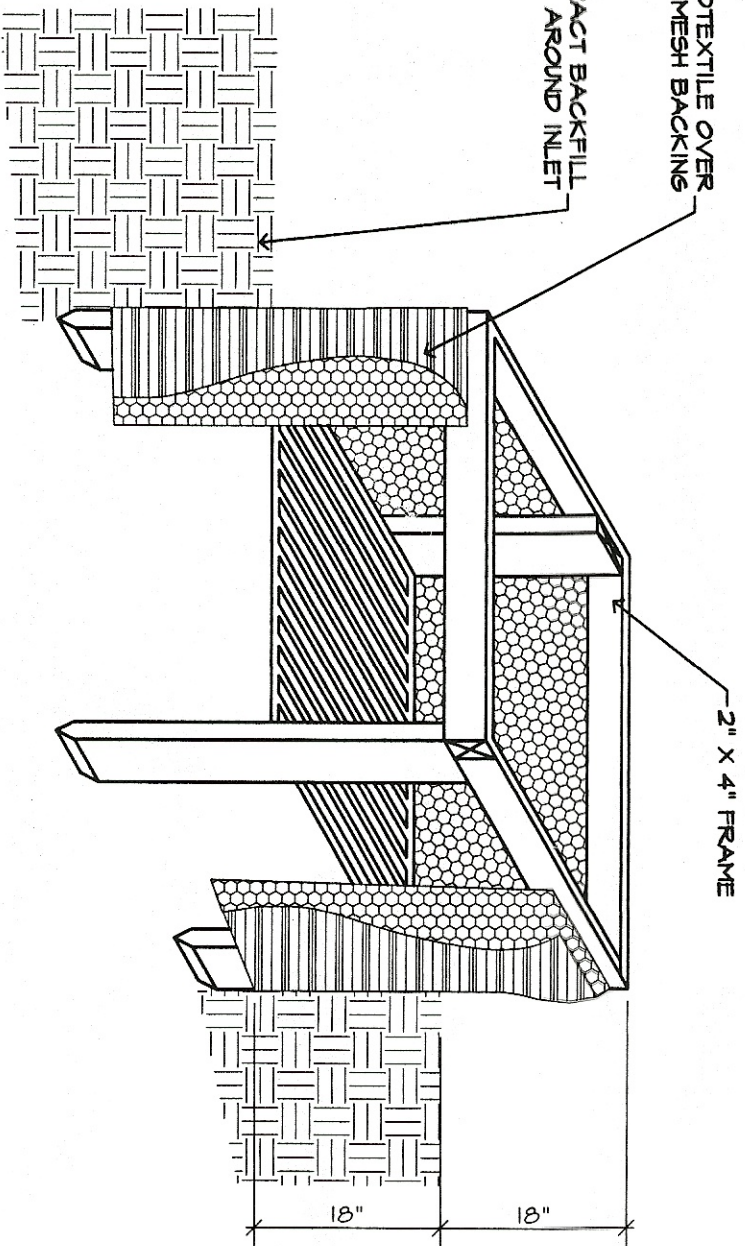
SD-6

STORM WATER POLLUTION PREVENTION NOTES

- THIS CONTRACT DRAWING DOCUMENT SHALL BE MADE AVAILABLE ON SITE TO THE LOCAL HEALTH DEPARTMENT AND LOCAL EROSION CONTROL AND SEDIMENTATION CONTROL MEASURES MAY BE REQUESTED BY THE SOCS REPRESENTATIVE AT ANYTIME.
- ALL EROSION AND SEDIMENTATION CONTROL SHALL BE AS PER WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS SOCS.
- WITH THE EXCEPTION OF LAMING AND LANDSCAPING, ALL DISTURBED AREAS SHALL BE RESEEDED WITHIN THE FOLLOWING MANNER:
40% CREEPING RED FESCUE (TO BE APPLIED AT A RATE OF 20# ANNUAL RETEGRAS (9 LBS. PER 1000 SQ. FEET)
60% PERENNIAL RYEGRASS (TO BE APPLIED AT A RATE OF 20# ANNUAL RETEGRAS (9 LBS. PER 1000 SQ. FEET)
COMMERICAL FERTILIZER (21-21-21) IS TO BE APPLIED AT A RATE OF 20 POUNDS PER 1,000 SQUARE FEET TO ALL SEEDING AREAS.
MULCHING MATERIAL SHALL BE APPLIED AT A RATE OF APPROXIMATELY 2 TONS PER ACRE OF STRAW WHEN SEEDING IS PERFORMED BETWEEN MARCH 15 AND OCTOBER 15, AND APPROXIMATELY 3 TONS PER ACRE OF STRAW WHEN SEEDING IS PERFORMED BETWEEN OCTOBER 15 AND MARCH 15. OTHER MULCHING MATERIALS MAY BE USED AT THE DISCRETION OF THE ENGINEER WITH THE APPROVAL OF THE MEDIA COUNTY SOIL AND WATER CONSERVATION DISTRICT.
- ALL DISTURBED AREAS SHALL BE SEEDD WITHIN 30 DAYS FROM COMPLETION OR OCTOBER 15 (WHICHEVER COMES FIRST).
- STRAW BALES, SILT FENCE AND SEDIMENT PITS SHALL BE USED AROUND ALL NEW STORY INLETS TO CONTROL SOIL EROSION. STRAW BALES TO BE TWO (2) HIGH.
- EROSION CONTROL MEASURES MUST BE PROVIDED AROUND ALL DIRT STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS DIRECTED BY THE ENGINEER.
- IF UNFORESEEN EROSION IS ENCOUNTERED DURING CONSTRUCTION, ADDITIONAL EROSION CONTROL MEASURES SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER. AT THE CONTRACTOR'S EXPENSE.
- TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER RAIN STORMS.
- ALL UTILITY COMPANIES MUST COMPLY WITH ALL STORY WATER POLLUTION PREVENTION MEASURES AS DEFINED ON STORY WATER POLLUTION PREVENTION PLANS.

INLET PROTECTION NOTES

- INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
- THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 16 INCHES.
- THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2"X4" IN CONSTRUCTION-GRADE LUMBER. THE 2"X4" IN POSTS SHALL BE DRIVEN 1 FT. INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2"X4" IN FRAME ASSEMBLY USING THE OVERLAP JOINT METHOD. THE FRAME SHALL BE REINFORCED WITH 1" X 1" X 1/2" GALVANIZED STEEL BRACING RODS IF POWERED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
- WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPONDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND TO FRAME AND FASTENED SECURELY TO THE FRAME.
- GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE GEOTEXTILE SHALL COVER AND SECURE ONE SIDE OF THE INLET TO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
- BACK FILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 4-IN. LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON SIDES AND TOP ELEVATION ON SIDES.
- A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION AND IF RUNOFF BYPASSING THE INLET WILL NOT FLOW TO A SETTLING TANK. THE TOP OF EARTH DIKE SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.



INLET PROTECTION
NO SCALE

SILT FENCE

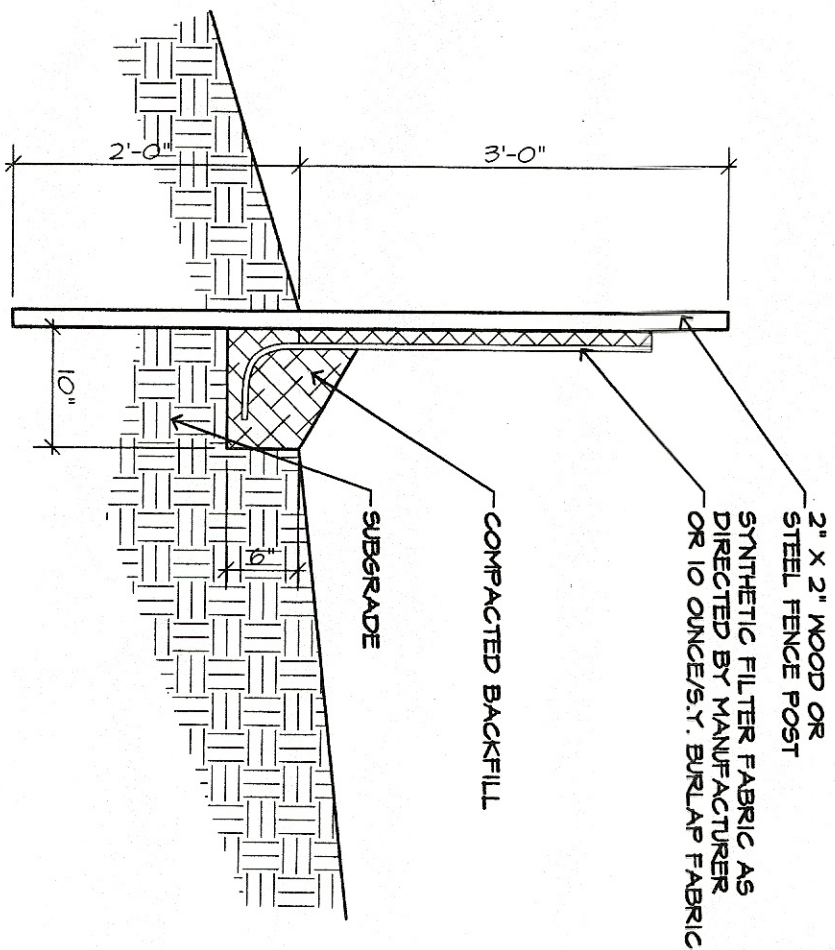
- THE HEIGHT OF THE SILT FENCE SHALL NOT EXCEED 36 INCHES.
- THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, THEY SHALL BE MADE BY OVERLAPPING THE FABRIC BY AT LEAST 12 INCHES. THE FABRIC SHALL BE STAPLED TO THE SUBGRADE WITH A MINIMUM OF 12 INCHES. THE FABRIC SHALL BE STAPLED TO THE SUBGRADE WITH A MINIMUM OF 12 INCHES. THE FABRIC SHALL BE STAPLED TO THE SUBGRADE WITH A MINIMUM OF 12 INCHES.
- POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER. WHEN EXTRA STRENGTH FILTER FABRIC IS USED, THE POST SPACING MAY BE INCREASED TO 12 FEET. THE POST SPACING SHALL NOT EXCEED 6 FEET.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPLOPE FROM THE BARRIER. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT SHALL BE USED TO SUPPORT THE FABRIC. WHEN EXTRA STRENGTH FILTER FABRIC IS USED, THE WIRE MESH SUPPORT SHALL BE USED TO SUPPORT THE FABRIC. THE WIRE MESH SHALL BE USED TO SUPPORT THE FABRIC. THE WIRE MESH SHALL BE USED TO SUPPORT THE FABRIC.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR NILED TO THE TRENCH. THE FABRIC SHALL BE EXTENDED INTO THE TRENCH AND THE FABRIC SHALL BE STAPLED TO THE TRENCH. THE FABRIC SHALL BE STAPLED TO THE TRENCH. THE FABRIC SHALL BE STAPLED TO THE TRENCH.
- IF AN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR NILED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM 6 APPLYING.
- THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
- SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPLOPE ARE HAS BEEN PERMANENTLY STABILIZED.
- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIR AND SHALL BE MADE IMMEDIATELY.
- SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE OF THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WITHIN 7 DAYS OF THE STORM APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DESIGNED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.

STORM DRAIN INLET PROTECTION

- BALES SHALL BE EITHER WIRE BOUND OR STRUNG TIED WITH THE BUNDLES ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
- BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
- THE FILTER BARRIER SHALL BE BENTONICED AND BACK FILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET THE MOUTH OF A BALE TO A MINIMUM OF 12 INCHES. THE TRENCH SHALL BE EXCAVATED TO A MINIMUM OF 12 INCHES. THE TRENCH SHALL BE EXCAVATED TO A MINIMUM OF 12 INCHES.
- EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBAR DRIVEN THROUGH THE BALES.
- LOOSE STRAW SHALL BE NEEDED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

SPECIFICATIONS FOR SEDIMENT & STABILIZATION:

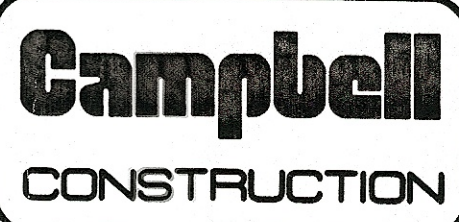
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION WHEN POSSIBLE AND IMMEDIATELY AND NEATLY REMOVED WHEN NO LONGER NEEDED OR EFFECTIVE.
- ALL AREAS DISTURBED DURING GRADING TO BE SEEDD WITHIN 1 DAYS WHEN FINISHED GRADE IS REACHED OR IF AREA IS TO BE UNDISTURBED FOR 45 DAYS.
- STABILIZE AREAS WITHIN 50 FEET OF ANY STREAM WITHIN 2 DAYS ON ALL INACTIVE DISTURBED AREAS.
- STABILIZE AREAS WITH MULCH WHEN CONDITIONS PROHIBIT TEMPORARY OR PERMANENT SEEDING.



SILT FENCE
NO SCALE

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

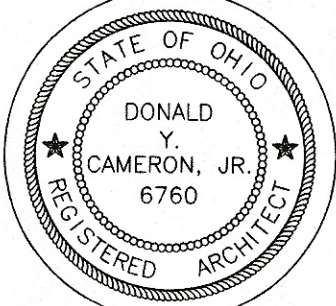
NEW FACILITY FOR
HARNICK CHEMICAL MFG. CORPORATION
NAVARRE ROAD
MASSILLON, OHIO 44646



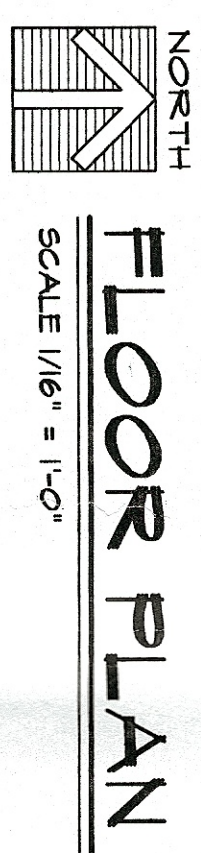
GENERAL CONTRACTORS
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1159 BLACHLEYVILLE RD., WOOSTER, OH 44691 330/262-5166

SD-7

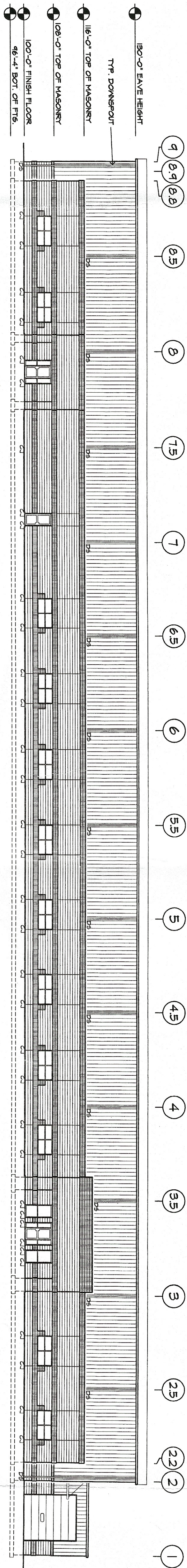


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DRAWN BY	DLG
CHECKED BY	DLG
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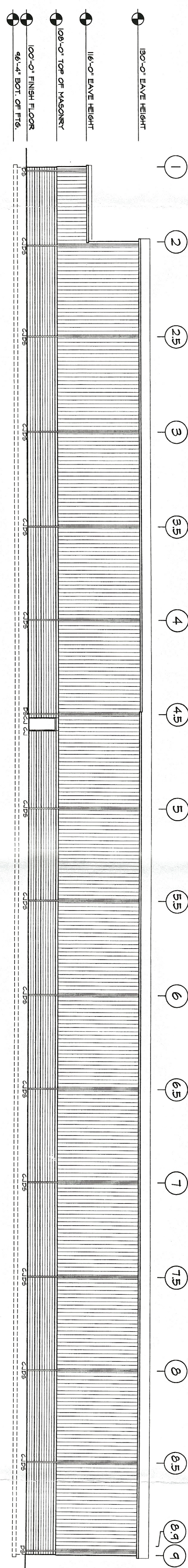


PILOT SCALE FACTOR	FILE	PROGRAM BY	DATE	PROGRAM NO.
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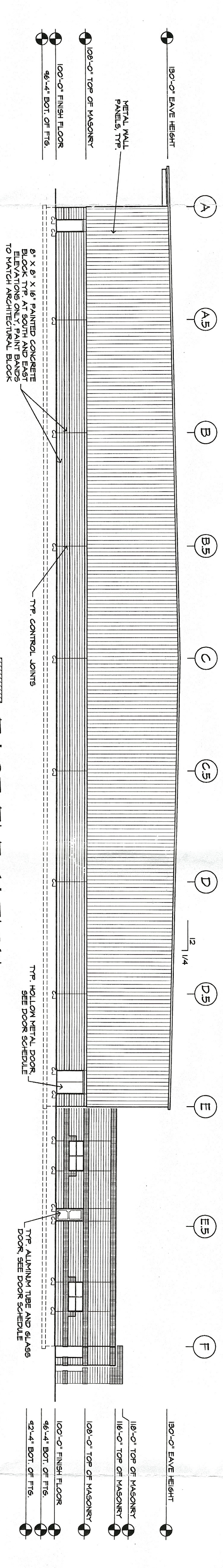
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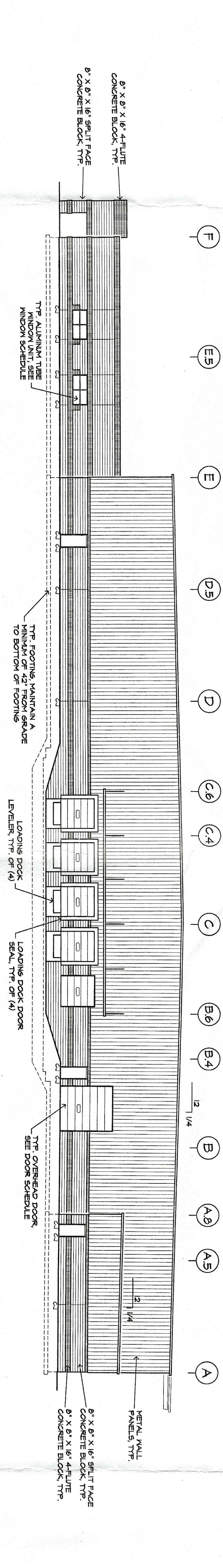
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SCALE 1/16" = 1'-0"



SOUTH ELEVATION
SCALE 1/16" = 1'-0"



EAST ELEVATION
SCALE 1/16" = 1'-0"



WEST ELEVATION
SCALE 1/16" = 1'-0"