

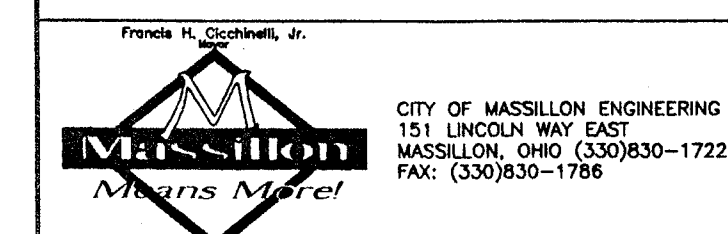
VICINITY MAP
NOT TO SCALE

LEGEND

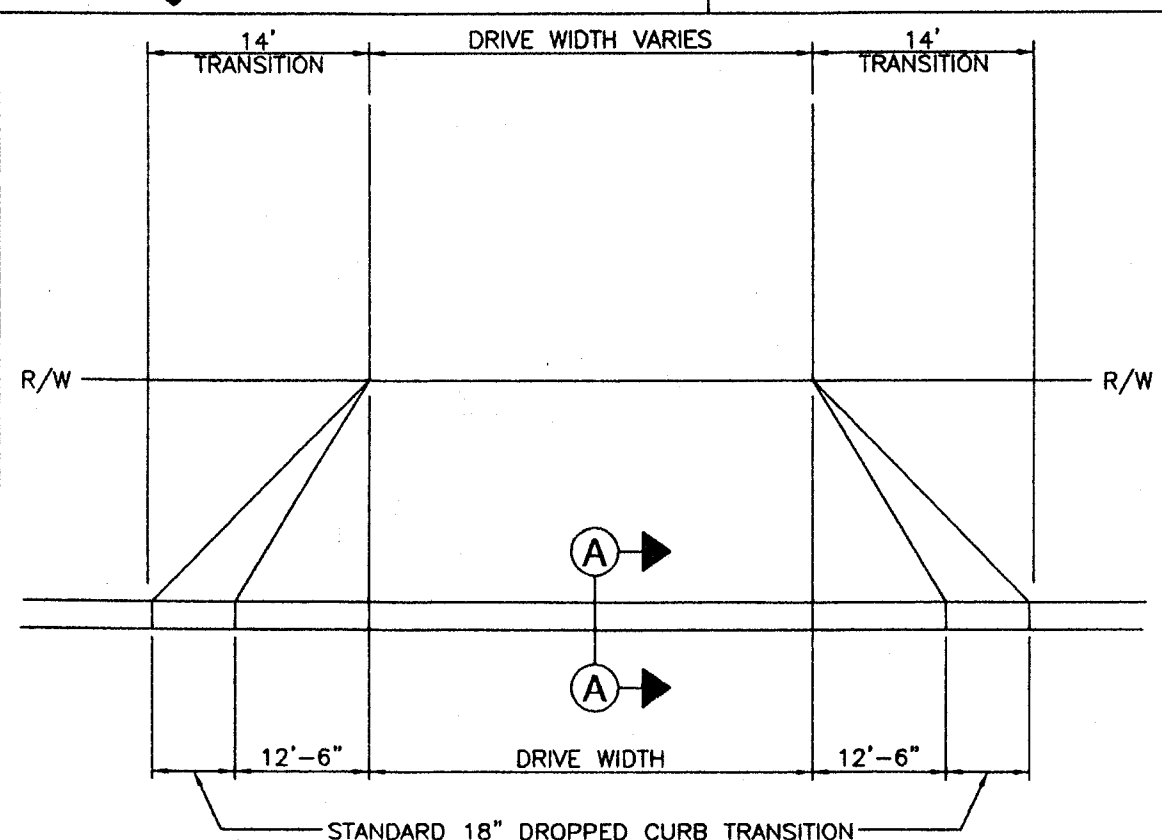
- R/W - RIGHT-OF-WAY
- W - WATER LINE
- S - SANITARY SEWER LINE
- ST - STORM SEWER LINE
- G - GAS LINE
- UE - UNDERGROUND ELECTRIC
- OE - OVERHEAD ELECTRIC
- UT - UNDERGROUND TELEPHONE
- OT - OVERHEAD TELEPHONE
- OE&T - OVERHEAD ELEC. & TELE.
- X X - FENCE
- - GAS LINE MARKER
- - WATER LINE MARKER
- - POWER POLE
- - GENERAL POLE
- - LIGHT POLE
- - ANCHOR
- - SIGN
- - CATCH BASIN (C.B.)
- - MAN HOLE (AS LABELED)
- - TRAFFIC CONTROL BOX
- - FIRE HYDRANT
- - VALVE
- EOP - EDGE OF PAVEMENT
- S - CONTINUATION OF LINE

TREE LEGEND

- O - OAK
- E - ELM
- C - CHERRY
- M - MAPLE
- T - TREE
- A - APPLE
- W - WILLOW



DRIVEWAY APPROACH
DETAIL



A-A

DRIVE PLAN

L = 1/2 TREE LAWN
WIDTH, 1'-6" MIN.
VARIES

DRIVE PROFILE

PROPOSED LEGEND

- - SILT FENCE
- - CONSTRUCTION ENTRANCE
- - INLET PROECTION
- - PROPOSED CATCH BASIN
- - PROPOSED FINISHED GRADE
- - DRAINAGE ARROW
- - FINISHED FLOOR
- - PROPOSED SPOT ELEVATION
- - TOP OF CURB
- - BOTTOM OF CURB

ZONING:

I-2 ZONING DISTRICT (GENERAL INDUSTRIAL)
BUILDING SETBACKS:
FRONT - 80 FEET
SIDE - NONE
REAR - NONE
PARKING SPACES REQUIRED: WAREHOUSE/OFFICE SPACE REQUIRED:
5 PLUS ONE (1) FOR EVERY EMPLOYEE IN LARGEST SHIFT.
OFFICE DAY SHIFT - 10 EMPLOYEES
WAREHOUSE DAY SHIFT - 7 EMPLOYEES
WAREHOUSE DRIVERS -
DAY SHIFT - 10 EMPLOYEES
TOTAL = 27 EMPLOYEES
(5 + 27 = 32 SPACES REQUIRED)
PARKING SPACES PROVIDED = 35 REGULAR + 2 HANDICAP = 37 SPACES

NOTES:

FOR SOIL EROSION CONTROL NOTES & DETAILS
SEE SHEET 2.2.

BENCHMARKS

"X" CHISLED IN NORTH FLANGE BOLT OF FIRE HYDRANT,
27' EAST OF THE CENTERLINE OF COMMERCE DR. S.W.
460' SOUTH OF THE CENTERLINE OF WARMINGTON ROAD S.W.
ELEVATION = 981.76

"X" CHISLED IN NORTH FLANGE BOLT OF FIRE HYDRANT,
AT THE SOUTHWEST CORNER OF WARMINGTON
ROAD S.W. AND COMMERCE DR. S.W.
ELEVATION = 980.42

OWNER:

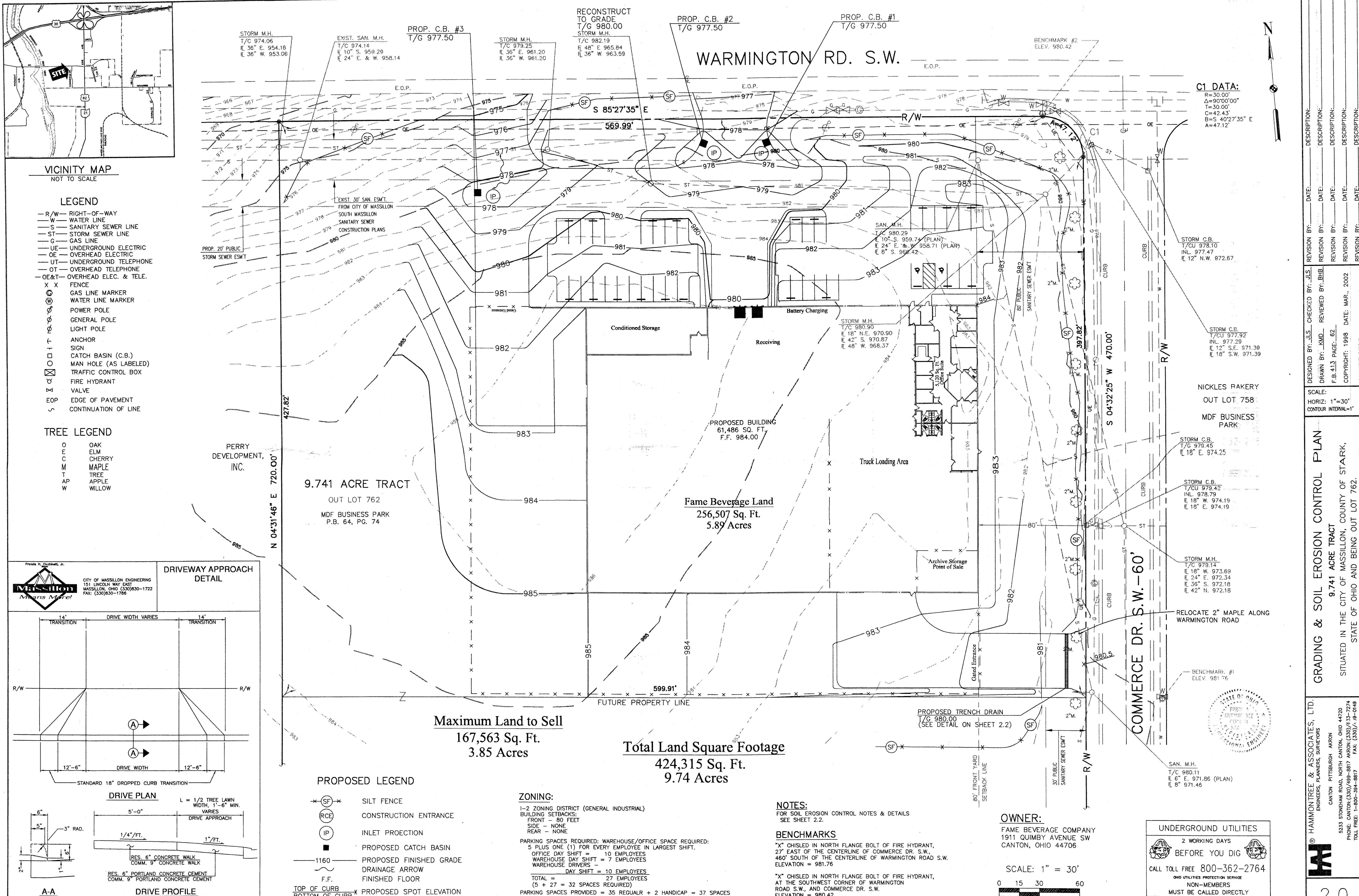
FAME BEVERAGE COMPANY
1911 QUIMBY AVENUE SW
CANTON, OHIO 44706

SCALE: 1" = 30'



UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY



C1 DATA:
R=30.00'
Δ=90°00'00"
T=30.00'
C=42.43'
B=S 40°27'35" E
A=47.12'

STORM C.B.
T/CU 978.10
INL. 977.47
E 12" N.W. 972.67

STORM C.B.
T/CU 977.92
INL. 977.29
E 12" S.E. 971.39
E 18" S.W. 971.39

NICKLES BAKERY
OUT LOT 758
MDF BUSINESS
PARK

STORM C.B.
T/CU 978.45
INL. 978.79
E 18" W. 974.19
E 18" E. 974.19

STORM M.H.
T/C 979.14
E 18" W. 973.69
E 24" S. 972.34
E 36" S. 972.18
E 42" N. 972.18

RELOCATE 2" MAPLE ALONG
WARMINGTON ROAD

BENCHMARK #1
ELEV. 981.76

SAN. M.H.
T/C 980.11
E 6" E. 971.86 (PLAN)
E 8" 971.46

GRADING & SOIL EROSION CONTROL PLAN

9.741 ACRE TRACT
SITUATED IN THE CITY OF MASSILLON, COUNTY OF STARK,
STATE OF OHIO AND BEING OUT LOT 762.

HAMMONTREE & ASSOCIATES, LTD.
ENGINEERS, PLANNERS, SURVEYORS
CANTON PITTSBURGH AKRON
5233 STONEHAM ROAD, NORTH CANTON, OHIO 44720
PHONE: CANTON (330) 499-8817 AKRON (330) 333-7274
TOLL FREE: 1-800-394-8817 FAX: (330) 499-0149
www.hammtree-engineers.com



LEGEND

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 TRAFFIC CONTROL BOX
 FIRE HYDRANT
 VALVE
 EOP EDGE OF PAVEMENT
 SPOT ELEV. TOP & BOTTOM OF CURB
 SPOT ELEV. EDGE OF PAVEMENT

TREE LEGEND

O OAK
 E ELM
 C CHERRY
 M MAPLE
 T TREE
 AP APPLE
 W WILLOW

PROPOSED LEGEND

— (SF) — SILT FENCE
 — (RCE) — CONSTRUCTION ENTRANCE
 — (IP) — INLET PROECTION
 — (D.S.) — PROPOSED CATCH BASIN
 — 1160 — PROPOSED DOWNSPOUT
 — 1160 — PROPOSED FINISHED GRADE
 — 1160 — DRAINAGE ARROW
 — F.F. — FINISHED FLOOR
 — 1160 — TOP OF CURB
 — 1160 — BOTTOM OF CURB
 — 1160 — PROPOSED SPOT ELEVATION

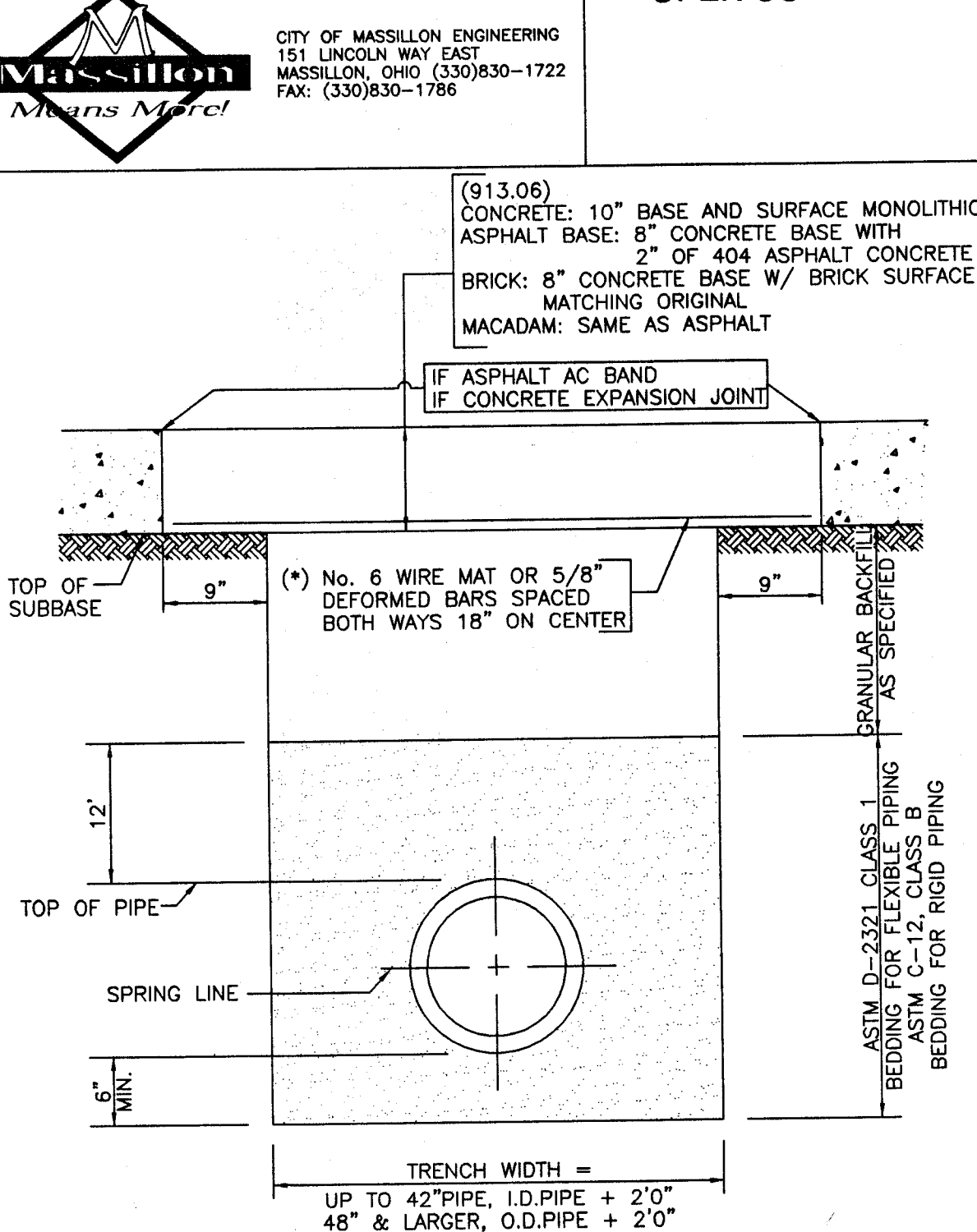
Total Land Square Footage

424,315 Sq. Ft.
 9.74 Acres

9.741 ACRE TRACT

OUT LOT 762
 MDF BUSINESS PARK
 P.B. 64, PG. 74

OPEN CUT DETAIL



NOTES

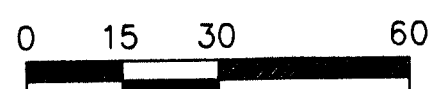
(*) MUST BE USED WHEN WIDTH OF TRENCH IS GREATER THAN 3' AT THE SUBBASE LEVEL
 CONCRETE BASE SHALL BE OF 1:2:4, 6 BAG MIX, PORTLAND CEMENT CONCRETE USING HIGH EARLY STRENGTH CEMENT AND IT MUST BE CURED AT LEAST 48 HRS.

UTILITY NOTES

- A SANITARY TAP PERMIT IS REQUIRED; CONTRACTOR TO CONTACT THE CITY OF MASSILLON ENGINEERING (330-830-1722) FOR PERMIT AND INSPECTION REQUIREMENTS.
- CITY OF MASSILLON STREET OPENING PERMIT WILL BE REQUIRED FOR INSTALLATION OF WATER LATERAL (SEE DETAIL). CONTRACTOR INSTALLING WATER AND OPENING ROAD SHALL BE LICENSED IN THE CITY OF MASSILLON.
- EXISTING UTILITIES TO REMAIN, WHICH ARE CRUSHED OR DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- ANY UTILITIES FOUND DURING EXCAVATION, NOT SHOWN ON PLAN, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND/OR ENGINEER.
- EACH SUBCONTRACTOR SHALL OBTAIN HIS OWN PERMITS AND CONTACT THE UTILITY COMPANY FOR VERIFICATION AND LOCATION OF HOOK-UP PRIOR TO ANY WORK BEING DONE.
- UTILITIES SHOWN WERE TAKEN FROM RECORDS OF RESPECTIVE UTILITY COMPANIES AND FROM A TOPOGRAPHIC SURVEY AND DO NOT NECESSARILY REPRESENT ALL UNDERGROUND OR OVERHEAD UTILITIES ADJACENT TO OR UPON THE PREMISES SHOWN ON THE PLAN. CALL UPS PRIOR TO EXCAVATION.
- COORDINATE UTILITY CONNECTIONS AT THE BUILDING WITH THE MECHANICAL DRAWINGS.

- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SLOPE OF BUILDING SEWERS TOWARDS THE LATERAL SEWER IN STRICT ACCORDANCE WITH THE GOVERNING AUTHORITIES PRIOR TO STARTING CONSTRUCTION.
- ALL UTILITIES SHALL BE UNDERGROUND.
- ALL STORM SEWER SHALL HAVE CLASS "B" BEDDING AND CONFORM TO ODOT ITEM 707.33 OR EQUAL MATERIAL APPROVED BY THE CITY.
- SANITARY LATERAL SHALL BE A MINIMUM 6" DIAMETER OF PVC PIPE, ASTM D3034, SDR35, WITH RUBBER GASKET JOINTS OR APPROVED EQUAL. LATERAL SHALL BE CONSTRUCTED WITH A MINIMUM OF 1% SLOPE, AND HAVE A MINIMUM OF 3 FOOT OF COVER.
- WATER SERVICE LATERALS 3" OR LARGER SHALL BE DUCTILE IRON PIPE AND CONFORM TO AWWA C151. WATER SERVICE LATERALS 3" OR SMALLER SHALL BE TYPE "K" COPPER. CONTRACTOR TO COORDINATE SIZES WITH MECHANICAL DRAWINGS. THE COVER SHALL BE BETWEEN 4 AND 5 FOOT. ALL BACKFLOW PREVENTION DEVICES SHALL BE APPROVED BY CONSUMER OHIO WATER COMPANY.

SCALE: 1" = 30'



Maximum Land to Sell

167,563 Sq. Ft.
 3.85 Acres

PIPE CHART

PIPE	SIZE	*TYPE	LENGTH	GRADE	E IN	E OUT	AS-BUILTS		
							(LENGTH)	(E IN)	(E OUT)
P ₁	12"	C	82'	1.5%	975.98	974.75			
P ₂	12"	B	50'	1.0%	974.00	973.50			
P ₃	12"	B	48'	3.0%	973.50	972.06			
P ₄	12"	B	60'	2.0%	974.00	972.80			

USE R.C.P. (706.02), CORRUGATED POLYETHYLENE SMOOTH LINED PIPE (707.33) OR APPROVED EQUAL.

C1 DATA:

R=30.00
 Δ=90°00'00"
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 B=S 40°27'35" E
 A=47.12'

STORM C.B.
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 INL. 977.29
 E 12" S.E. 971.39
 E 18" S.W. 971.39

STORM C.B.
 T/CU 978.10
 INL. 977.47
 E 12" N.W. 972.67

NICKLES BAKERY
 OUT LOT 758
 MDF BUSINESS PARK

9' SERVICE STACK (TOP 978.44)
 (BOTTOM 969.44)
 STORM C.B.
 T/CU 979.45
 INL. 974.25
 PROP. FL 12"W-976.10

STORM M.H.
 T/C 979.14
 E 18" W. 973.69
 E 24" E. 972.34
 E 36" S. 972.18
 E 42" N. 972.18

STORM C.B.
 T/CU 979.42
 INL. 978.79
 E 18" W. 974.19
 E 18" E. 974.19

UTILITY CROSSING
 SANITARY FL 970.04
 STORM FL 976.33

RELOCATE 2" MAPLE ALONG WARMINGTON ROAD

SAN. M.H.
 T/C 980.11
 E 6" E. 971.86 (PLAN)
 E 8" 971.46

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UTILITY PLAN

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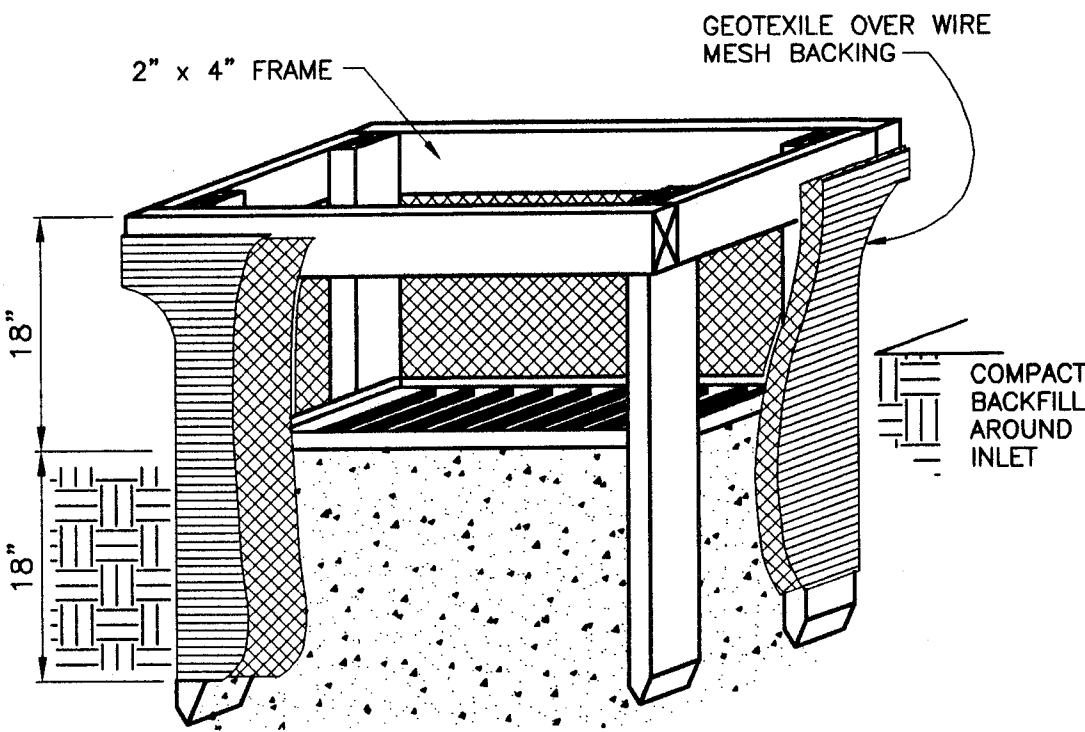
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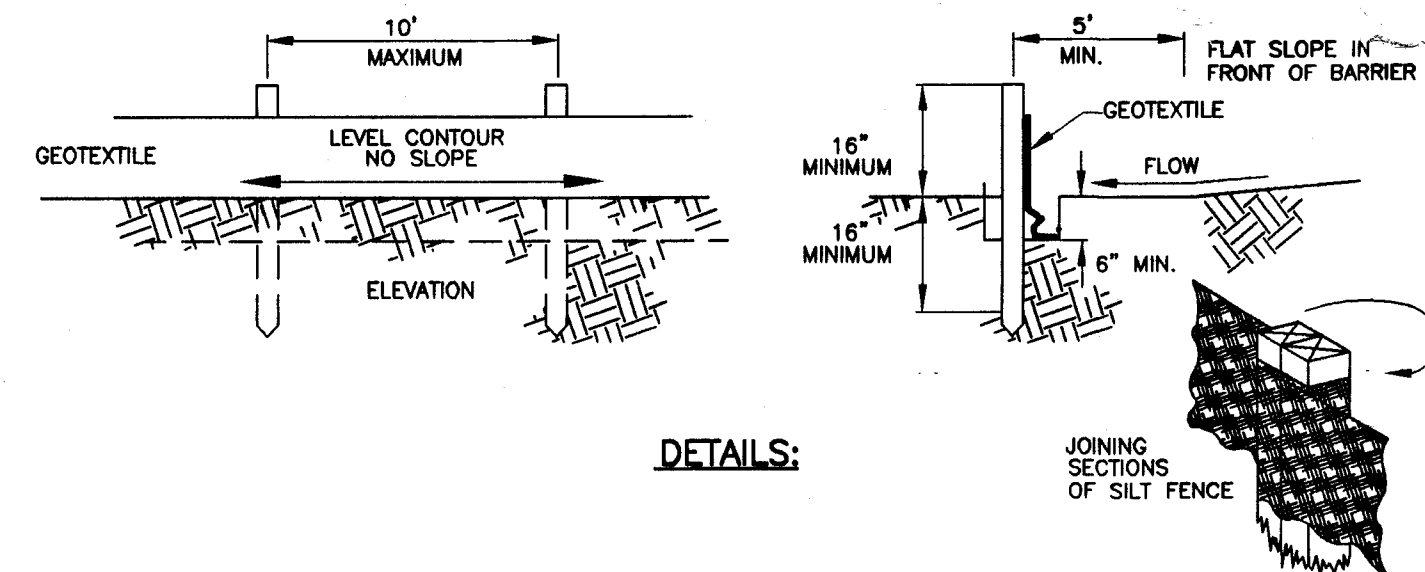


1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
2. THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH OF AT LEAST 18 IN.
3. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2 IN. BY 4 IN. CONSTRUCTION GRADE LUMBER. THE 2 IN. BY 4 IN. POSTS SHALL BE DRIVEN 18 IN. INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2 IN. BY 4 IN. FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6 IN. BELOW ADJACENT ROADS. IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
5. 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 TOP OF THE FRAME TO 18 IN. BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ON SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
6. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 IN. LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
7. 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 PASSING THE INLET WILL NOT FLOW TO A SETTLING POND. THE TOP OF EARTH DIKES SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.

INLET PROTECTION IN SWALES, DITCH LINES OR YARD INLETS

N.T.S.

IP



DETAILS:

NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
4. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE RE-ESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE FENCE.
6. SOIL STOCKPILES OR OTHER SOURCES OF SEDIMENT SHALL HAVE SILT FENCE PROTECTION.
7. THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6" DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8" OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6" DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
9. SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
10. MAINTENANCE— SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE:
 - 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED.
 - 2) ACCUMULATED SEDIMENT SHALL BE REMOVED.
 - 3) OTHER PRACTICES SHALL BE INSTALLED.

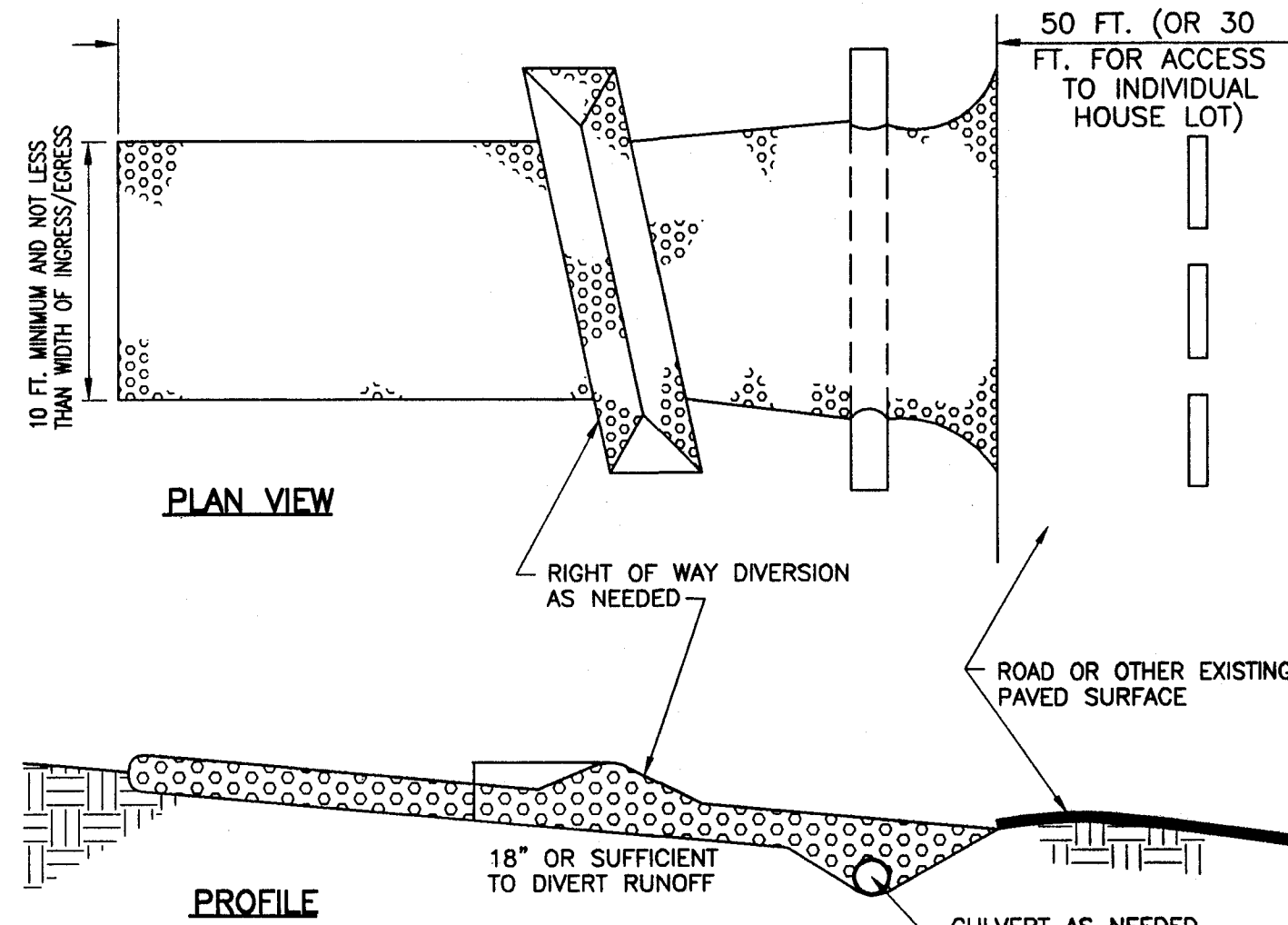
- CRITERIA FOR SILT FENCE MATERIALS
1. FENCE POSTS — THE LENGTH SHALL BE A MINIMUM OF 32" LONG. WOOD POST WILL BE 2" X 2" HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT.
 2. SILT FENCE FABRIC (SEE CHART BELOW):

FABRIC PROPERTIES	VALUES	TEST METHOD
GRAB TENSILE STRENGTH	90 LB. MINIMUM	ASTM D 1682
MULLEN BURST STRENGTH	190 P.S.I. MINIMUM	ASTM D 3786
SLURRY FLOW RATE	0.3 GAL./MIN./FT. ² MAXIMUM	
EQUIVALENT OPENING SIZE	40-80	US STD. SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY	90% MINIMUM	ASTM-G-26

SILT FENCE

N.T.S.

SF

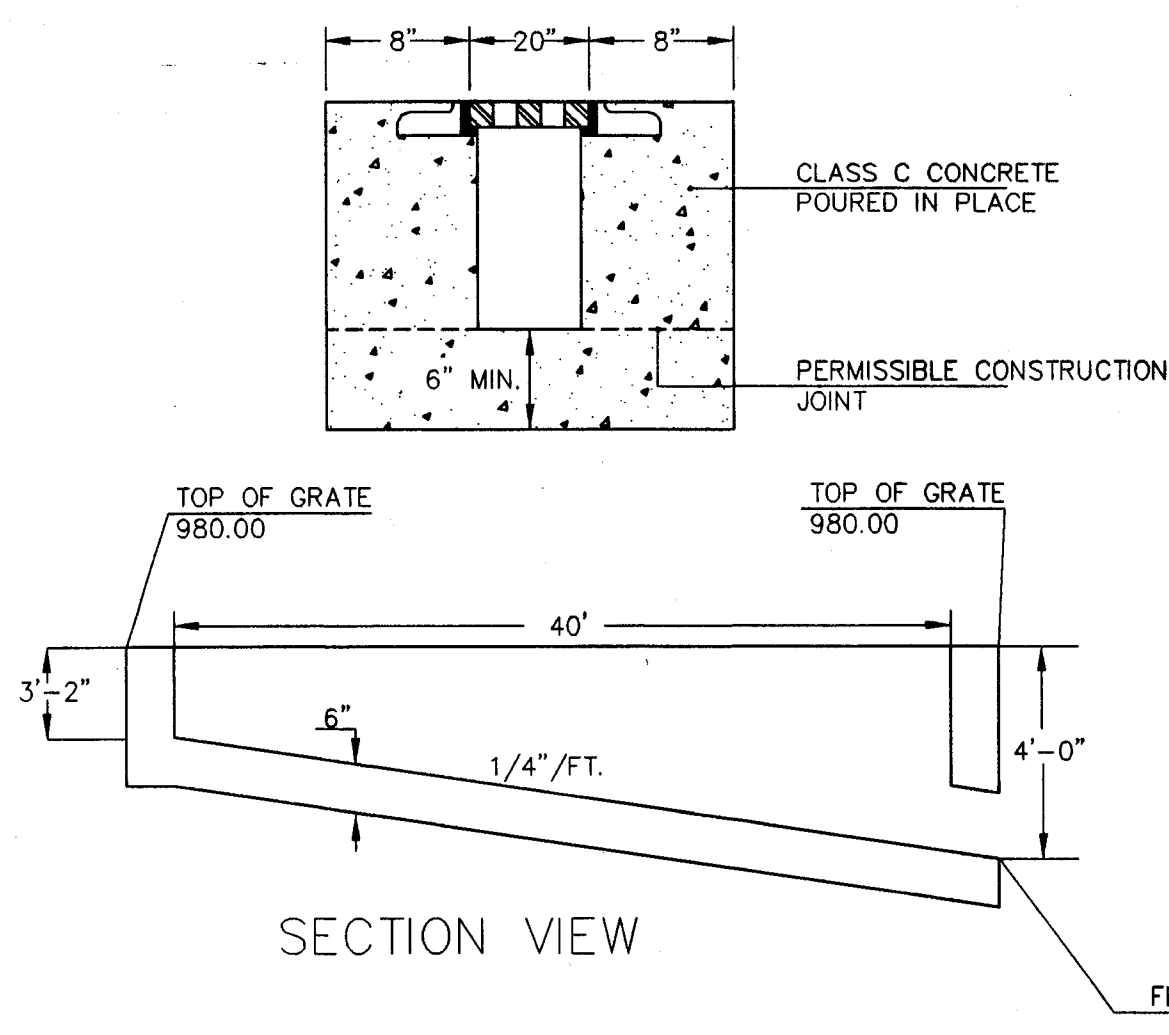


1. STONE SIZE — TWO-INCH STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH — THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 50 FT. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30-FT. MINIMUM LENGTH APPLIES.
3. THICKNESS — THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK.
4. WIDTH — THE ENTRANCE SHALL BE AT LEAST 10 FT. WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. BEDDING — A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LB. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LB.
6. CULVERT — A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR — A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE — TOP DRESSING OF ADDITIONAL STONE WALL SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
9. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.

CONSTRUCTION ENTRANCE

N.T.S.

RCE



THE BASE SHALL BE SLOPED TO DRAIN WITH A MINIMUM LONGITUDINAL SLOPE OF 1/4" PER LINEAR FOOT. THE FRAME AND GRATE SHALL BE NEENAH R-4990-FX TYPE A, EAST JORDAN IRON WORKS 6956 TYPE M2 OR APPROVED EQUAL.

A PRECAST OPTION MAY BE PROVIDED AT THE OPTION OF THE CONTRACTOR. IT SHALL BE INSTALLED PER THE MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS UTILIZING A FRAME AND GRATE SUITABLE FOR HIGHWAY TRAFFIC. THE PRECAST DRAIN SHALL BE POLYDRAIN AS MANUFACTURED BY ATB, INC., POLYCAST SERIES 900 AS MANUFACTURED BY QUAZITE, ACO DRAIN NW100 AS MANUFACTURED BY ACO DRAIN, INC. OR APPROVED EQUAL.

ITEM SPECIAL — TRENCH DRAIN

N.T.S.

SITE INFORMATION

SITE DESCRIPTION — EXISTING — OPEN FIELD

PROPOSED — WAREHOUSE BUILDING & PARKING LOT

TOTAL AREA OF SITE — 9.74 AC.
AREA OF SITE TO UNDERGO EXCAVATION — 5.89± AC.

PRE-CONSTRUCTION RUNOFF COEFFICIENT — 0.3
POST-CONSTRUCTION RUNOFF COEFFICIENT — 0.8

SCHEDULE OF MAJOR CONSTRUCTION
COMMENCEMENT — MARCH 2002
COMPLETION — SEPTEMBER 2002

RECEIVING STREAM AND SURFACE WATERS
MASSILLON CITY STORM SEWER WHICH OUTLETS INTO THE TUSCARAWAS RIVER.

EXISTING SOILS ON SITE
CpD2 CONOTTON GRAVELY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED
CpA CHILI SILT LOAM, 0 TO 2 PERCENT SLOPES

PERMANENT SEEDING			
SEED MIX	SEEDING RATE		NOTES:
	LB./AC.	LB./1,000 FT. ²	
GENERAL USE			
CREEPING RED FESCUE	20-40	1/2-1	
DOMESTIC RYEGRASS	10-20	1/4-1/2	
KENTUCKY BLUEGRASS	10-20	1/4-1/2	
TALL FESCUE	40	1	
DWARF FESCUE	40	1	
STEEP BANKS OR CUT SLOPES			
TALL FESCUE	40	1	
CROWN VETCH	10	1/4	DO NOT SEED LATER THAN AUGUST
TALL FESCUE	20	1/2	
FLAT PEA	20	1/2	DO NOT SEED LATER THAN AUGUST
TALL FESCUE	20	1/2	
ROAD DITCHES AND SWALES			
TALL FESCUE	40	1	
DWARF FESCUE	90	2 1/4	
KENTUCKY BLUEGRASS	5		
LAWNS			
KENTUCKY BLUEGRASS	60	1 1/2	
PERENNIAL RYEGRASS	60	1 1/2	
KENTUCKY BLUEGRASS	60	1 1/2	FOR SHADED AREAS.
CREEPING RED FESCUE	60	1 1/2	
NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.			

NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.

PERMANENT SEEDING

S

TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	LB./1,000 FT. ²	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	USE MULCH ONLY, SODDING PRACTICES OR DORMANT SEEDING.		
	NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.		

1. STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
2. TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OPERATIONS ON SOIL THAT WILL NOT BE GRADED OR RE-WORKED FOR 45 DAYS OR MORE. THESE IDLE AREAS SHOULD BE SEED AS SOON AS POSSIBLE AFTER GRADING OR SHALL BE SEED WITHIN 7 DAYS. SEVERAL APPLICATIONS OF TEMPORARY SEEDING ARE NECESSARY ON TYPICAL CONSTRUCTION PROJECTS.
3. THE SEED BED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. HOWEVER, TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEED BED PREPARATION IS NOT POSSIBLE.
4. SOIL AMENDMENTS — APPLICATIONS OF TEMPORARY VEGETATION SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. SOIL TESTS SHOULD BE TAKEN ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER.
5. SEEDING METHOD — SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULPACKER SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR OF CULPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

TEMPORARY SEEDING

TS

EROSION CONTROL NOTES

1. ALL PROPERTIES ADJACENT TO THE SITE OF SOIL-DISTURBING ACTIVITY SHALL BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE, FROM SOIL EROSION AND SEDIMENT RUNOFF AND DRAINAGE, INCLUDING, BUT NOT LIMITED TO PRIVATE PROPERTIES, NATURAL AND ARTIFICIAL WATERWAYS, WETLANDS, STORM SEWERS AND PUBLIC LANDS.
2. CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL PRACTICES USED TO SATISFY THIS REQUIREMENT SHALL CONFORM, AS A MINIMUM, TO STATE OF OHIO STANDARDS AS SET FORTH IN THE MOST CURRENT EDITION OF THE RAINWATER AND LAND DEVELOPMENT MANUAL, DEFINED BY THE OHIO DEPARTMENT OF NATURAL RESOURCES DIVISION OF SOIL AND WATER CONSERVATION AND NATURAL RESOURCE CONSERVATION SERVICE AND SHALL CONFORM TO THE MOST CURRENT OHIO ENVIRONMENTAL PROTECTION AGENCY, OHIO REVISED CODE CHAPTER 6111 REQUIREMENTS.
3. EROSION AND SEDIMENT CONTROL PLAN APPROVALS ISSUED IN ACCORDANCE WITH THESE RULES DO NOT RELIEVE THE OWNER OF RESPONSIBILITY FOR OBTAINING ALL OTHER NECESSARY PERMITS AND OR APPROVALS FROM FEDERAL STATE, AND/OR COUNTY AGENCIES. IF REQUIREMENTS VARY, THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
4. EROSION AND SEDIMENT CONTROL PRACTICES AT THE SITE, AND AS IDENTIFIED IN THE ESC PLAN SHALL COMPLY WITH THE FOLLOWING:
 - A. AN APPROVED EROSION AND SEDIMENT CONTROL PLAN OR APPROVAL LETTER FROM THE STARK SWCD SHALL BE LOCATED ON SITE FOR REVIEW.
 - B. LIMITS TO CLEARING AND GRADING SHALL BE SHOWN ON ESC PLANS. LIMITS TO CLEARING AND GRADING SHALL BE CLEARLY MARKED ON SITE WITH SIGNAGE, FLAGGING, AND/OR FENCING ETC.
 - C. INSTALL EROSION AND SEDIMENT PERIMETER CONTROLS AS A FIRST ACTION OF CONSTRUCTION AS SPECIFIED BY CONSTRUCTION SEQUENCE. THIS SHALL INCLUDE AND IS NOT LIMITED TO PROTECTIVE BMP'S FOR STREAM CORRIDORS AND CROSSINGS, WETLANDS, SITE ENTRANCE, SEDIMENT TRAPS & BASINS, BARRIERS, AND DIVERSION DIKES.
 - D. CONCENTRATED STORM WATER RUNOFF SHALL PASS THROUGH A SEDIMENT CONTROL DEVICE BEFORE EXITING THE SITE BOUNDARIES. CONCENTRATED RUNOFF FROM BARE SOIL AREAS SHALL BE DIVERTED INTO A SETTLING POND OR SEDIMENT CONTROL STRUCTURE, OR OTHER APPROVED SEDIMENT BARRIER BEFORE LEAVING THE SITE.
 - E. EARTHEN STRUCTURES SUCH AS DAMS, BASINS, STREAM MODIFICATIONS AND WATER DIVERSIONS SHALL BE SEED AND MULCHED WITH IN SEVEN (7) DAYS OF THE COMPLETION OF INSTALLATION. DAMS SHALL CONFORM TO THE OHIO DAM LAWS (ORC 1521.06).
 - F. STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE IF AREA WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER. CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND THE 50 FOOT BUFFER AREAS. IF AN ACTIVE DRAINAGEWAY MUST BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, A TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS IN THE RAINWATER & LAND DEVELOPMENT BOOK. CONSTRUCTION OF BRIDGES, CULVERTS OR SEDIMENT CONTROL STRUCTURES SHALL NOT PLACE SOIL, DEBRIS AND OTHER FINE PARTICULATE MATERIAL INTO OR CLOSE TO THE WATER RESOURCE IN SUCH A MANNER THAT IT MAY SLOUGH, SLIP OR ERODE.
 - G. STORM SEWER INLETS (AND SANITARY) SHALL BE PROTECTED SO THAT SEDIMENT-LADEN RUNOFF WILL NOT ENTER THE STORM SEWER SYSTEM WITHOUT FIRST BEING FILTERED AND/OR TREATED.
 - H. RE-VEGETATE SOIL. TEMPORARY SOIL STABILIZATION SHALL OCCUR WITHIN SEVEN (7) DAYS AFTER ROUGH GRADING IF THE AREA WILL REMAIN IDLE LONGER THAN THIRTY (30) DAYS. PERMANENT SOIL STABILIZATION SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. PERMANENT VEGETATION IS A GROUNDCOVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITION.

- I. SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAMS OR WETLANDS, OR IF DETERMINED BY THE STARK SWCD THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.
 - J. UNSTABLE SOILS PRONE TO SLIPPING OR SLOUGHING SHALL NOT BE CLEARED, GRADED, EXCAVATED, FILLED OR HAVE LOADS IMPOSED UPON THEM UNLESS THE WORK IS PLANNED BY A QUALIFIED PROFESSIONAL ENGINEER AND INSTALLED IN ACCORDANCE WITH THE ESC PLAN. CUT AND FILL SLOPES SHOULD BE DESIGNED TO MINIMIZE EROSION PROBLEMS.
- ADEQUATE SLOPE DESIGN INCLUDES USE OF ROUGH SOIL SURFACE ALONG THE FACE OF THE SLOPE; WATER DIVERSION ALONG THE TOP OF THE SLOPE AWAY FROM THE FACE; TERRACES TO REDUCE SLOPE LENGTH; DELIVERY OF CONCENTRATED STORM WATER FLOWS TO THE BASE OF THE SLOPE VIA ADEQUATE CHANNEL OR PIPE; AND DRAINAGE FOR WATER SEEPS IN THE SLOPE THAT ENDANGER SLOPE STABILITY.
- K. SOIL SHALL BE REMOVED FROM PAVED SURFACES AND/OR PUBLIC ROADS AT THE END OF EACH DAY IN SUCH A MANNER THAT DOES NOT CREATE OFF-SITE SEDIMENTATION IN ORDER TO ENSURE SAFETY AND ABATE OFF-SITE SOIL LOSS. COLLECTED SEDIMENTS SHALL BE PLACED IN A STABLE LOCATION ON SITE OR TAKEN OFF-SITE TO A STABLE LOCATION.
 - L. STABILIZE DISTURBED OR MODIFIED DRAINAGE WAYS. REDUCE EROSION EFFECTS OF STORM WATER BY USING AND/OR MAINTAINING GRASSED SWALES, INFILTRATION STRUCTURES, OR WATER DIVERSIONS.
 - M. SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE CORRECTIVE ACTIONS WERE TAKEN.
 - N. TRENCHES FOR UNDERGROUND UTILITY LINES AND PIPES SHALL BE TEMPORARILY STABILIZED WITHIN SEVEN (7) DAYS IF THEY ARE TO REMAIN INACTIVE FOR THIRTY (30) DAYS. TRENCH DEWATERING DEVICES SHALL DISCHARGE IN A MANNER THAT FILTERS SOIL-LADEN WATER BEFORE DISCHARGING IT TO A RECEIVING DRAINAGE DITCH OR POND. IF SEEDING, MULCHING, OR OTHER EROSION AND SEDIMENT CONTROL MEASURES WERE PREVIOUSLY INSTALLED, THESE PROTECTIVE MEASURES SHALL BE REINSTALLED.
5. CONTRACTOR'S CONSTRUCTION SEQUENCE:
- A. INITIAL CLEARING AND GRUBBING TO GAIN ACCESS, AND INSTALLATION OF PERIMETER CONTROLS WITHIN SEVEN (7) DAYS OF CLEARING AND GRUBBING.
 - B. MAINTENANCE INSPECTION SCHEDULE AND PARTY RESPONSIBLE FOR INSPECTION AND REPAIR OF EROSION AND SEDIMENT CONTROL DEVICES.
 - C. PRE-WINTER STABILIZATION MEETING IF PROJECT IS TO BE THROUGH THE WINTER.
 - D. FINAL GRADING AND PERMANENT SOIL STABILIZATION WITHIN 30 DAYS OF FINISHING FINAL GRADE.
 - E. REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.

SITE DETAILS & SOIL EROSION CONTROL NOTES
FAME BEVERAGE — WARMINGTON ROAD
SITUATED IN THE CITY OF MASSILLON, COUNTY OF STARK,
STATE OF OHIO AND BEING OUT LOT 762

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2.2

Maximum Land to Sell
167,563 Sq. Ft.
3.85 Acres

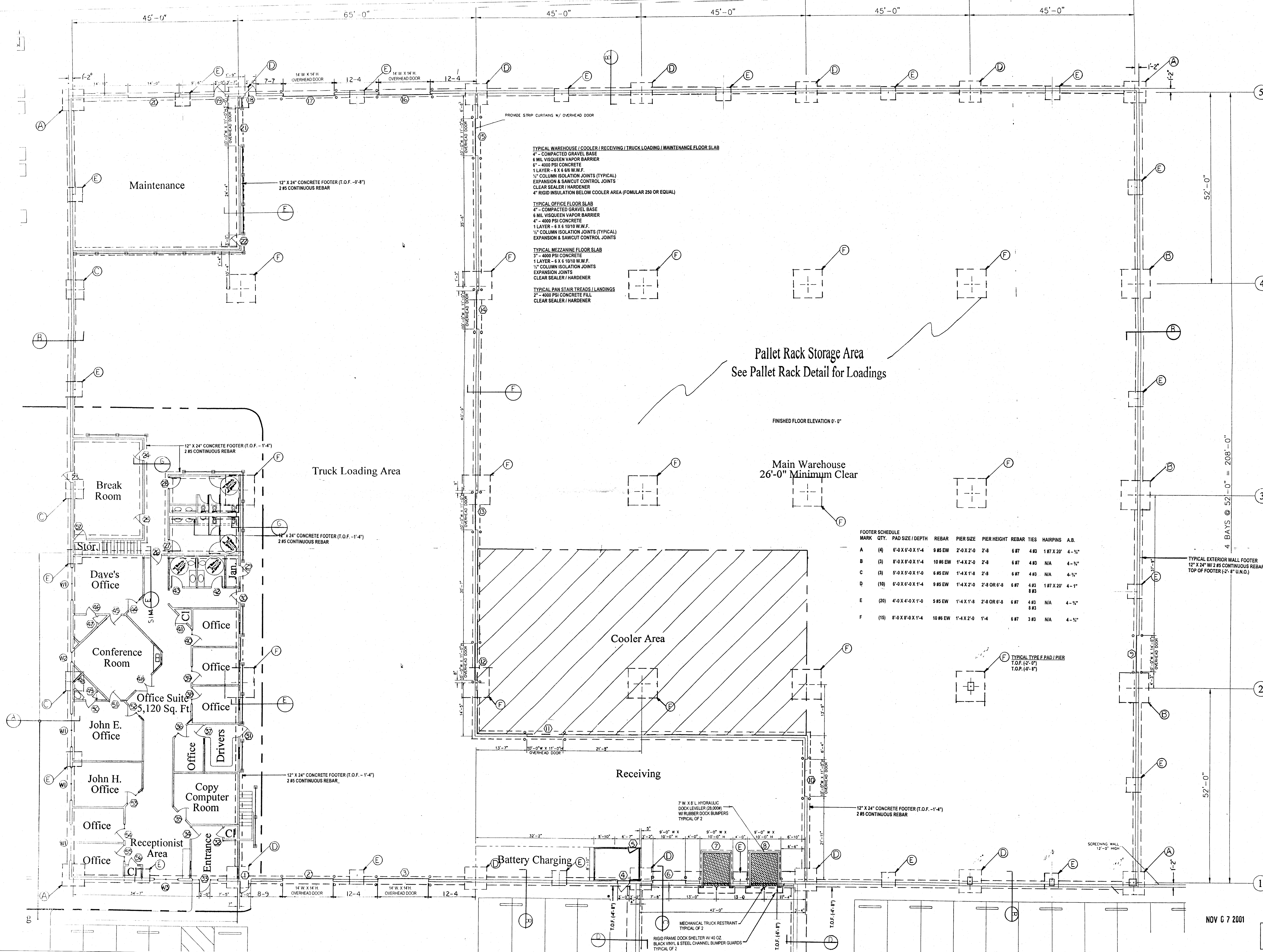
Fame Beverage Land
256,507 Sq. Ft.
5.89 Acres

PLAN NOTE LEGEND

- | NOTE | DESCRIPTION |
|------|---|
| (A) | 8" CONCRETE DRIVE APPROACH APRON (10' WIDE)
6" GRAVEL BASE, 4000 PSI MIX, 6X6 4/4 W.W.F.
BROOM FINISH, SAWCUT CONTROL JOINTS & SEALER |
| (B) | HEAVY-DUTY ASPHALT PAVEMENT
6" - #304 GRAVEL BASE
3 1/2" ASPHALT BINDER COURSE #301
1 1/2" ASPHALT SURFACE COURSE #404 |
| (C) | 6" CONCRETE O.H. DOOR (10' WIDE) OR LOADING DOCK APRON
4" GRAVEL BASE, 4000 PSI MIX, 6X6 4/4 W.W.F.
BROOM FINISH, SAWCUT CONTROL JOINTS & SEALER |
| (D) | 5" CONCRETE WALK OR MANDOOK APRON
4" GRAVEL BASE, 4000 PSI MIX, 6X6 10/10 W.W.F., 2" RIGID INSUL.
AT DOOR APRONS ONLY, SAWCUT CONTROL JOINTS, EXPANSION |
| (E) | JOINTS AND SEALER
STANDARD ASPHALT PAVEMENT
6" - #304 GRAVEL BASE
2 1/2" ASPHALT BINDER COURSE #301
1 1/2" ASPHALT SURFACE COURSE #404 |
| (F) | STRIPING |
| (G) | 8" REINFORCED CONCRETE DOCK RETAINING WALL
(SEE FOUNDATION PLAN FOR DETAILS) |
| (H) | 36 L.F. - 12" TRENCH DRAIN W/ HEAVY DUTY GRATE
NEW LAWN OR PLANTER AREAS |
| (J) | 7'-0" HIGH H.D. GALVANIZED CHAIN LINK FENCE / GATES
NO. 9 GAUGE X 2" DIAMOND MESH
(3) STRANDS OF 12.5 GAUGE BARBED WIRE ON 45 DEGREE
ANGLED ARMS TO OUTSIDE. BOTTOM TO HAVE CONTINUOUS
TENSION WIRE.
SCHEDULE 40 POSTS AND RAILS. MINIMUM REQUIREMENTS FOR
POSTS AND RAILS: 2 1/2" O.D. LINE POSTS, 1 5/8" O.D. TOP RAIL,
3" CORNER POSTS, 4" O.D. @ 20' GATE POSTS AND 6" O.D. @ 30'
GATE POSTS.
6" WIDE GRAVEL MOW STRIP UNDER FENCE AND AT POSTS. |

PRELIMINARY
Do Not Use For
Equipment Installation or Construction

REV.	DESCRIPTION	BY	DATE
A	REVISED RECEIVING TRUCK AREA	N.D.B.	11/06/2001
DWG. TITLE:			
PLAN VIEW SITE PLAN W/ BUILDING			
SCALE: 1" = 30'-0"	DRAWN: N.D.B.	CHECKED: D.B.	REVISION A
DATE: 10/19/2001	DRAWING NO: FB-01-286-03		
THIS CONCEPT DRAWING is for general information purpose only. It is not to be used for construction, fabrication or installation.			
FAME BEVERAGE COMPANY MASSILLON, OHIO			



TYPICAL WAREHOUSE / COOLER / RECEIVING / TRUCK LOADING / MAINTENANCE FLOOR SLAB
4" - COMPACTED GRAVEL BASE
6 MIL VISQUEEN VAPOR BARRIER
6" - 4000 PSI CONCRETE
1 LAYER - 6 X 6 @ 18" W.W.F.
1/2" COLUMN ISOLATION JOINTS (TYPICAL)
EXPANSION & SAWCUT CONTROL JOINTS
CLEAR SEALER / HARDENER
4" RIGID INSULATION BELOW COOLER AREA (FOMULAR 250 OR EQUAL)

TYPICAL OFFICE FLOOR SLAB
4" - COMPACTED GRAVEL BASE
6 MIL VISQUEEN VAPOR BARRIER
4" - 4000 PSI CONCRETE
1 LAYER - 6 X 6 @ 18" W.W.F.
1/2" COLUMN ISOLATION JOINTS (TYPICAL)
EXPANSION & SAWCUT CONTROL JOINTS
CLEAR SEALER / HARDENER

TYPICAL MEZZANINE FLOOR SLAB
3" - 4000 PSI CONCRETE
1 LAYER - 6 X 6 @ 10" W.W.F.
1/2" COLUMN ISOLATION JOINTS
EXPANSION JOINTS
CLEAR SEALER / HARDENER

TYPICAL PAN STAIR TREADS / LANDINGS
2" - 4000 PSI CONCRETE FILL
CLEAR SEALER / HARDENER

MARK	QTY.	PAD SIZE / DEPTH	REBAR	PIER SIZE	PIER HEIGHT	REBAR TIES	HAIRPINS	A.B.
A	(4)	6'-0" X 6'-0" X 1'-4"	9 #5 EW	2'-0" X 2'-0"	2'-8"	6 #7	4 #3	1 #7 X 20' 4'-1/2"
B	(3)	8'-0" X 8'-0" X 1'-4"	10 #5 EW	1'-4" X 2'-0"	2'-8"	6 #7	4 #3	N/A 4'-1/2"
C	(3)	5'-0" X 5'-0" X 1'-0"	6 #5 EW	1'-4" X 1'-8"	2'-8"	6 #7	4 #3	N/A 4'-1/2"
D	(10)	6'-0" X 6'-0" X 1'-4"	9 #5 EW	1'-4" X 2'-0"	2'-8" OR 6'-8"	6 #7	4 #3	1 #7 X 20' 4'-1"
E	(20)	4'-0" X 4'-0" X 1'-0"	5 #5 EW	1'-4" X 1'-8"	2'-8" OR 6'-8"	6 #7	4 #3	N/A 4'-1/2"
F	(15)	8'-0" X 8'-0" X 1'-4"	10 #5 EW	1'-4" X 2'-0"	1'-4"	6 #7	3 #3	N/A 4'-1/2"

