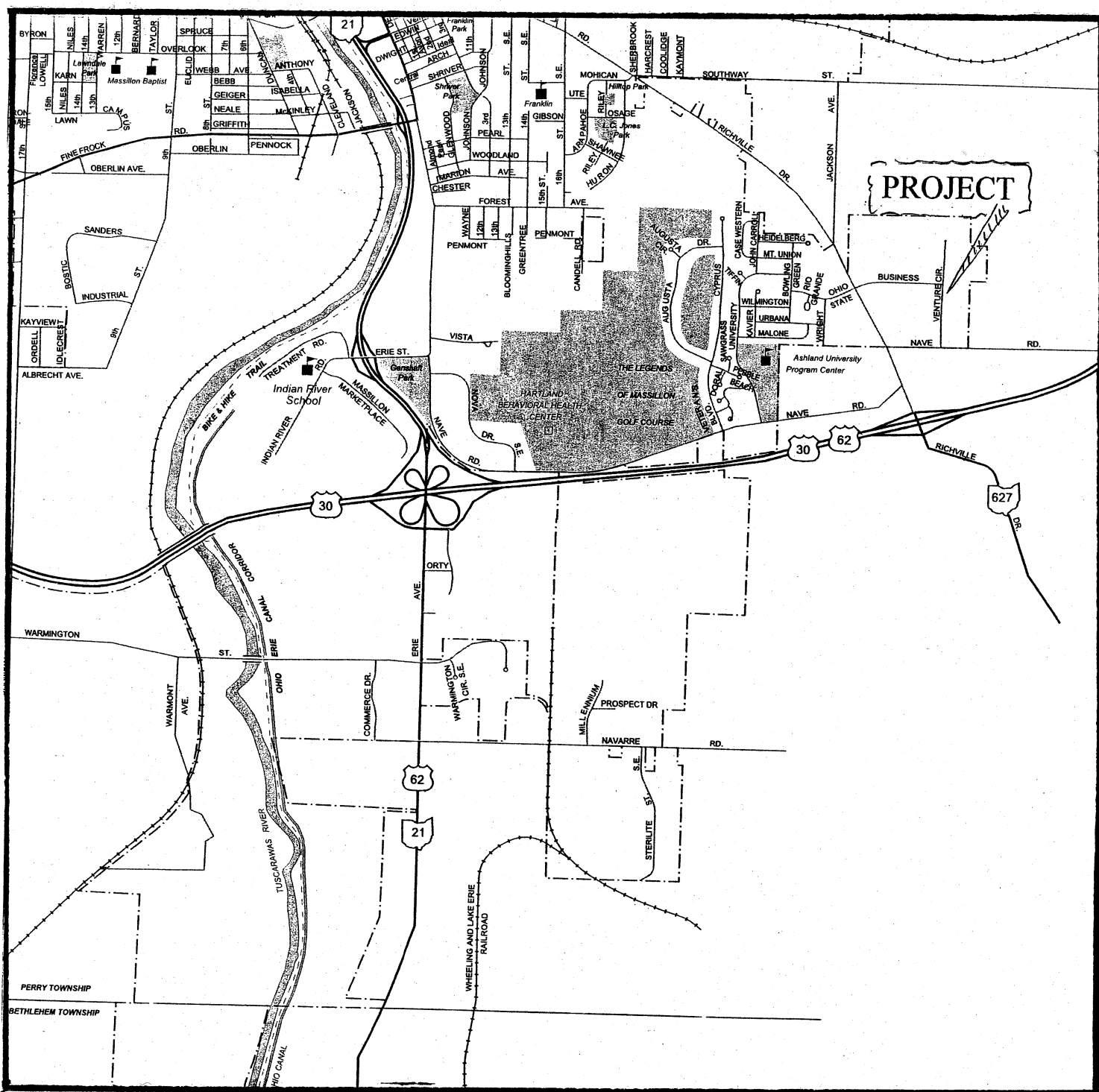
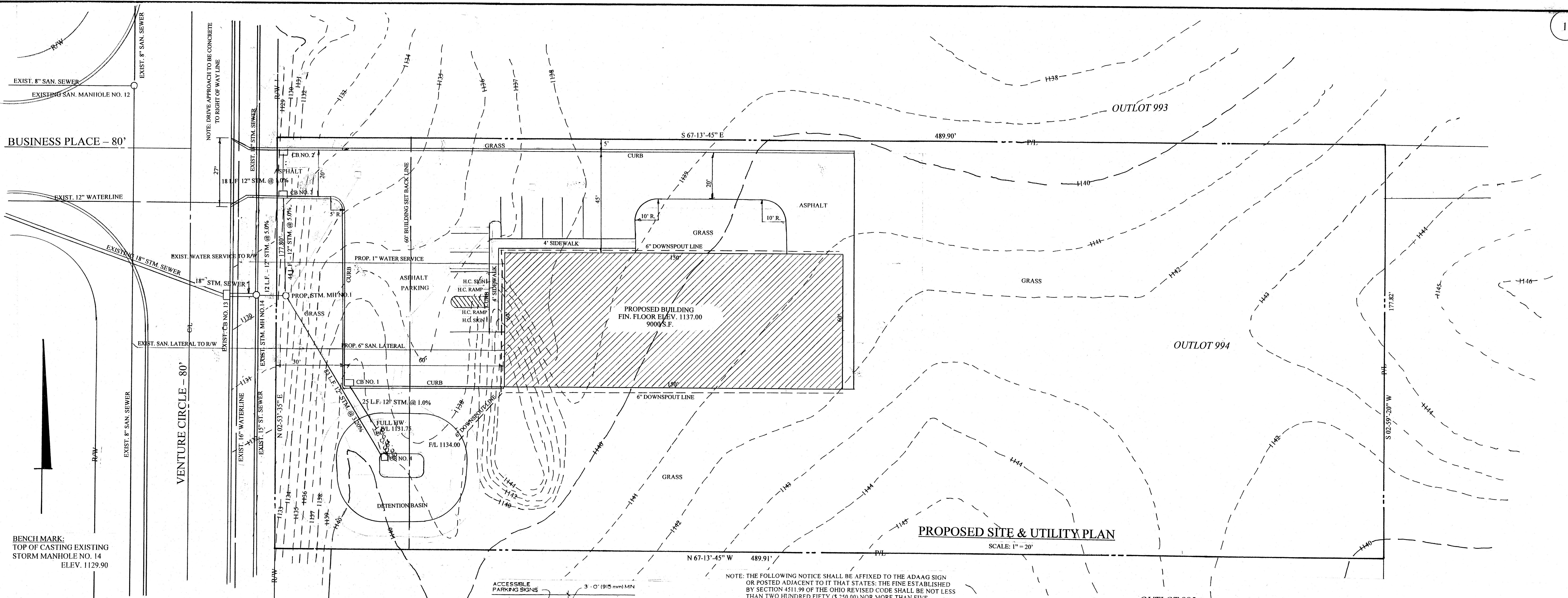




PARKING SPACES REQUIRED = 3
(2 EMPLOYEES @ 1.5 SPACES)
PARKING SPACES PROVIDED = 8

NOTE:

- Sanitary sewer tap permit is required. Contact City of Massillon Engineering Department for license and permit information.
- The 12" storm sewer is to be core-drilled into existing manhole. Contractor to obtain right of way permit from City of Massillon Engineering Department prior to starting work.
- A driveway permit is required. Contact City of Massillon Engineering Department for permit information.

NOTE:

- WATER SERVICE LINE MATERIAL AND INSTALLATION PER WATER PROVIDER.
- SANITARY SEWER LATERAL MATERIAL TO BE 6" SDR 35 WITH GASKETED JOINTS.

EXISTING STM. MANHOLE NO. 14
TOP 1129.90
F/L 12" (PROP.) 1123.42
F/L 15" (S) 1121.27
F/L (W) 1119.50
F/L (W) 1119.28

CB NO. 1
STD. 3-A
GRATE 1135.00
F/L 12" 1132.00

CB NO. 2
STD. 3-A
GRATE 1129.40
F/L 12" 1126.40

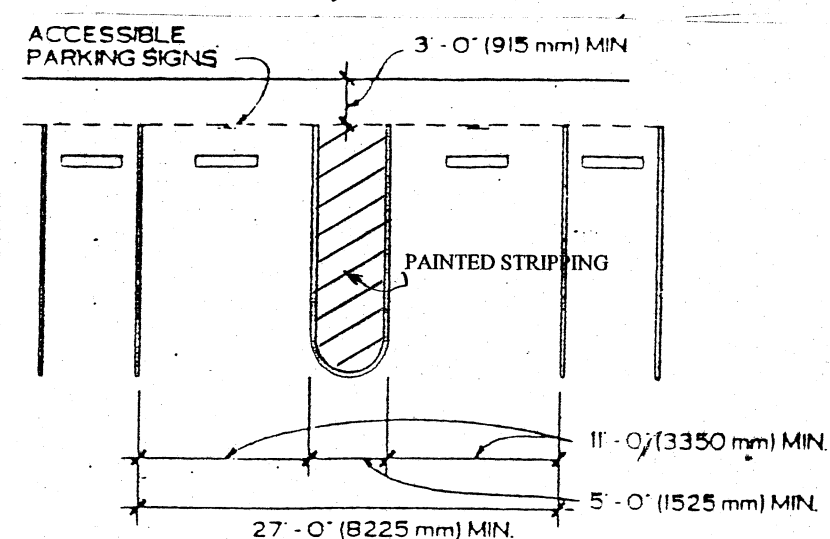
CB B. 3
STD. 3-A
GRATE 1129.40
F/L 12" 1126.22

PROP. MH NO. 1
TOP RIM 1131.50
F/L 12" 1124.02 (NORTH)
F/L 12" 1124.02 (SOUTH)

CB NO. 4
TOP 1130.10
F/L 12" 1126.68

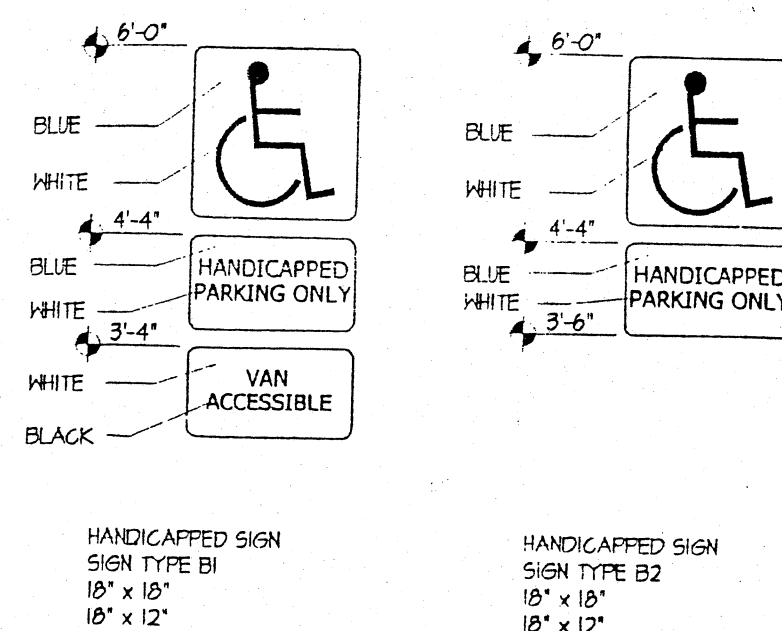
NOTE: ALL STORM SEWERS TO BE SMOOTH LINED CORRUGATED POLYETHYLENE (ASD N-12 OR EQUAL)

SEE SHEET 2 FOR STORM SEWER PROFILES.



UNIVERSAL PARKING SPACE DESIGN
(ACCOMMODATES CARS OR VANS)

NOTE: THE FOLLOWING NOTICE SHALL BE AFFIXED TO THE ADAAG SIGN OR POSTED ADJACENT TO IT THAT STATES: THE FINE ESTABLISHED BY SECTION 4511.99 OF THE OHIO REVISED CODE SHALL BE NOT LESS THAN TWO HUNDRED FIFTY (\$ 250.00) NOR MORE THAN FIVE HUNDRED DOLLARS (\$ 500.00).



TEXT TO BE HELVETICA MEDIUM UPPER AND LOWER CASE.
RED = PANTONE 4405. BLUE = PANTONE #244.

NOTES:

- FOR FURTHER INFORMATION REFER TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. U.S. DEPARTMENT OF TRANSPORTATION. FEDERAL HIGHWAY ADMINISTRATION.
- SIGN HEIGHTS SHALL BE AS SHOWN UNLESS ADJUSTED FOR LOCAL PROJECT REQUIREMENTS.
- SIGN TO BE WALL MOUNTED ON BUILDING STRUCTURE OR MOUNTED ON SINGLE U-CHANNEL STEEL SIGN POST.

SITE SIGNAGE

SCALE: NTS

SITE AREA : 2.000 ACRES

ZONING I-1

OWNER:
INTEGRITY CRANE SERVICES, INC.
5780 PERRY HILLS DRIVE
CANTON, OHIO 44706
330-479-2003 cell
KYLE A. WENGER

LOCATION:
OUTLOT 994
NOVA EAST INDUSTRIAL PARK
MASSILLON, OHIO
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646

INDEX OF SHEETS

- PROPOSED SITE & UTILITY PLAN ----- 1
- EXISTING SITE PLAN ----- 2
- PROPOSED GRADING PLAN ----- 3
- DETAILS ----- 4
- EROSION CONTROL / DETAILS ----- 5
- EROSION CONTROL ----- 6
- PRE-DEVELOPMENT DRAINAGE MAP --- 7
- POST-DEVELOPMENT DRAINAGE MAP -- 8

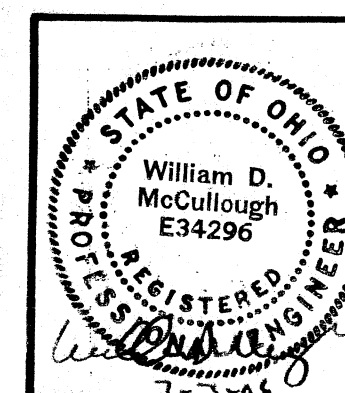
Approved by the Massillon City Engineer this 8th
Day of November 2006
KEITH A. DYLEWSKI
Keith A. Dylewski, PE

Only approved signed plans by the
City Engineer are to be used for
construction.

PROPOSED SITE PLAN & UTILITY PLAN

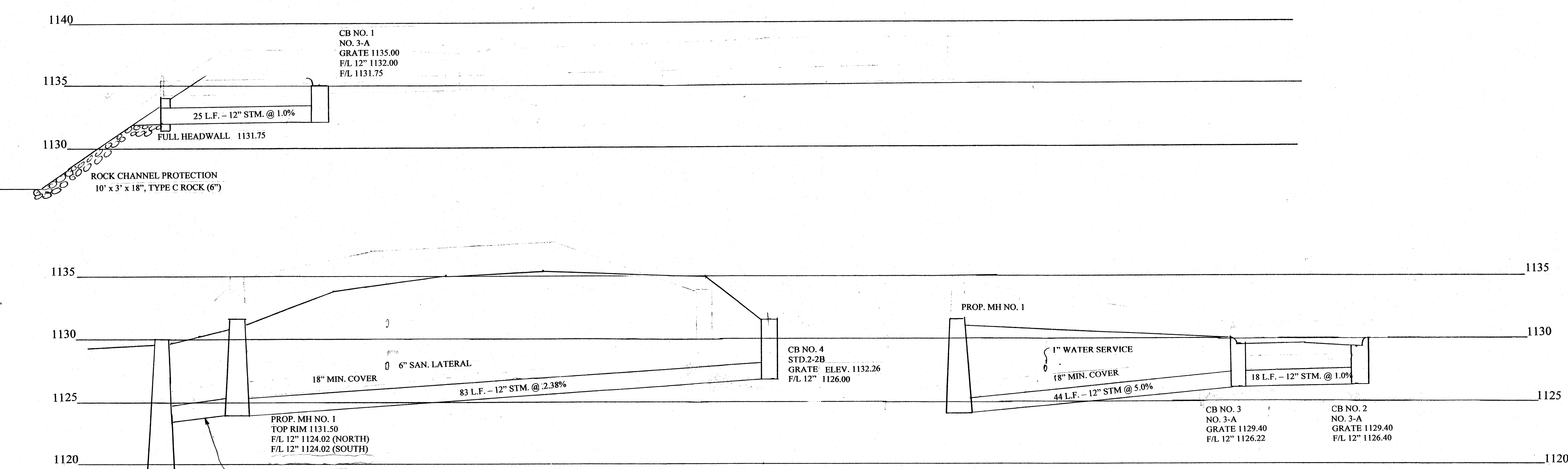
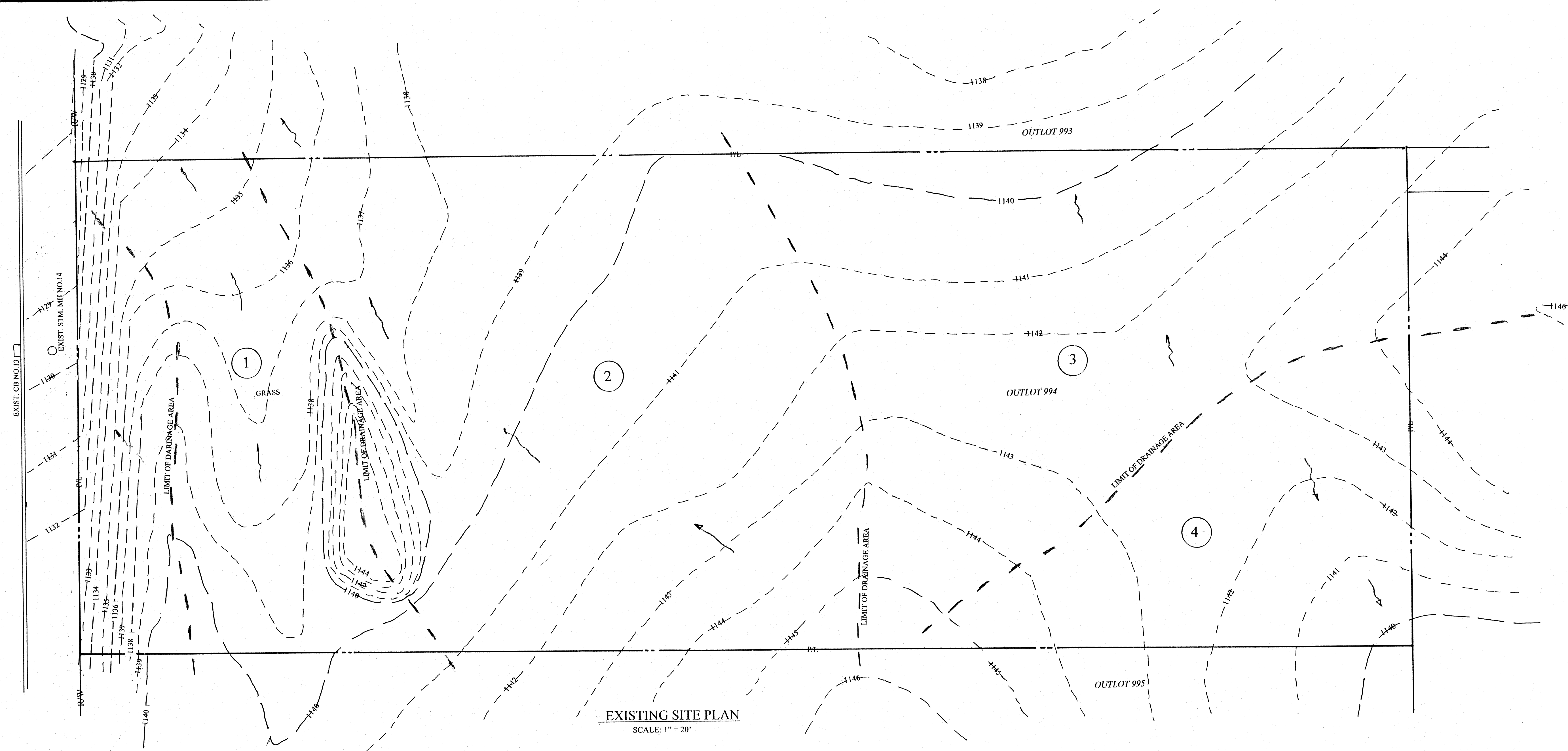
INTEGRITY CRANE SERVICES, LTD.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

DATE: _____ DRAWN BY: _____
REV: 11-6-06 CHK. BY: _____
DWG. NO: _____

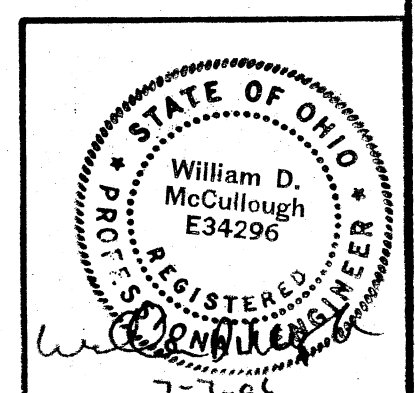


BUSINESS PLACE

VENTURE PLACE



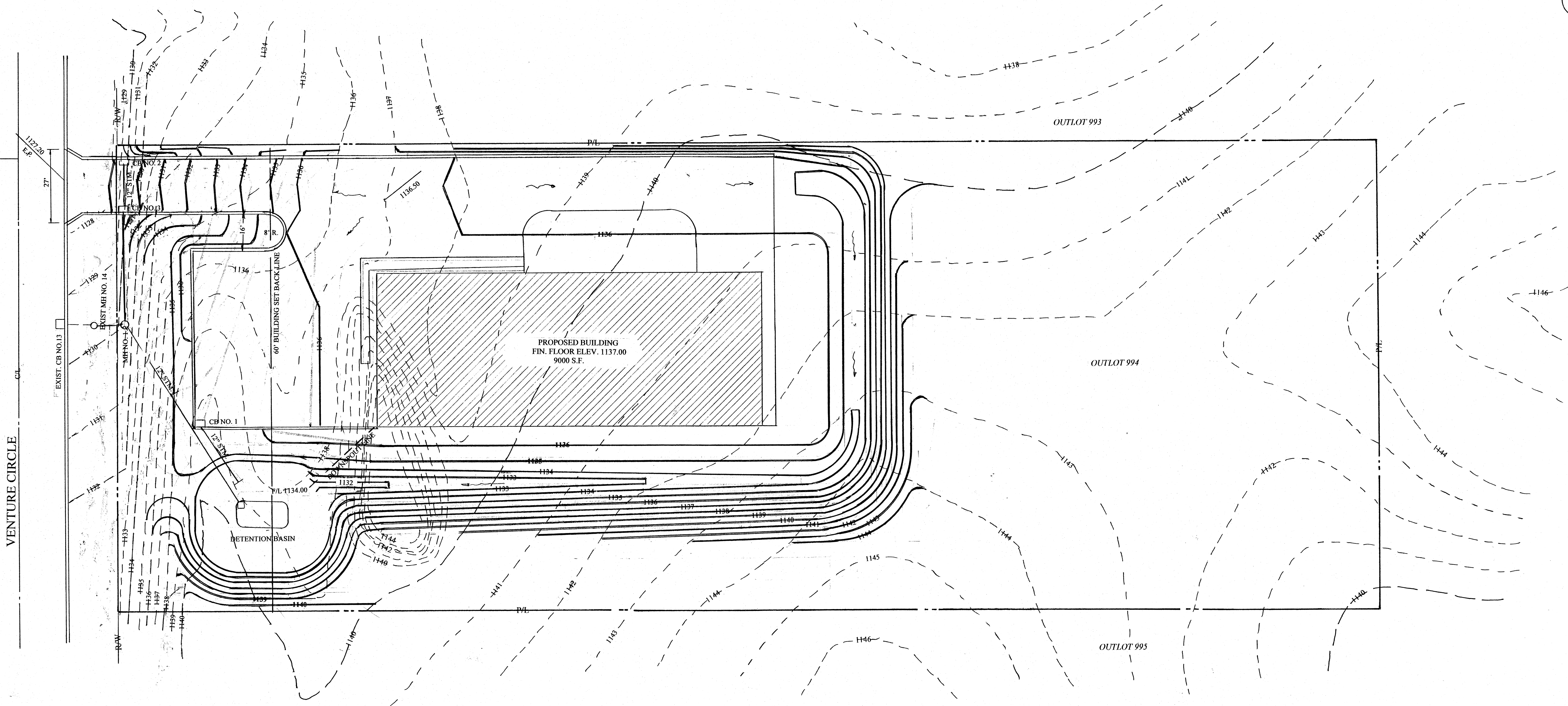
EXISTING SITE PLAN



INTEGRITY CRANE SERVICES, LTD. 2100 VENTURE CIRCLE MASSILLON, OHIO 44646	
WILLIAM D. McCULLOUGH, P.E. PROFESSIONAL ENGINEER	
DATE:	DRAWN BY:
REV: 11-6-06	CHK. BY:
DWG. NO:	

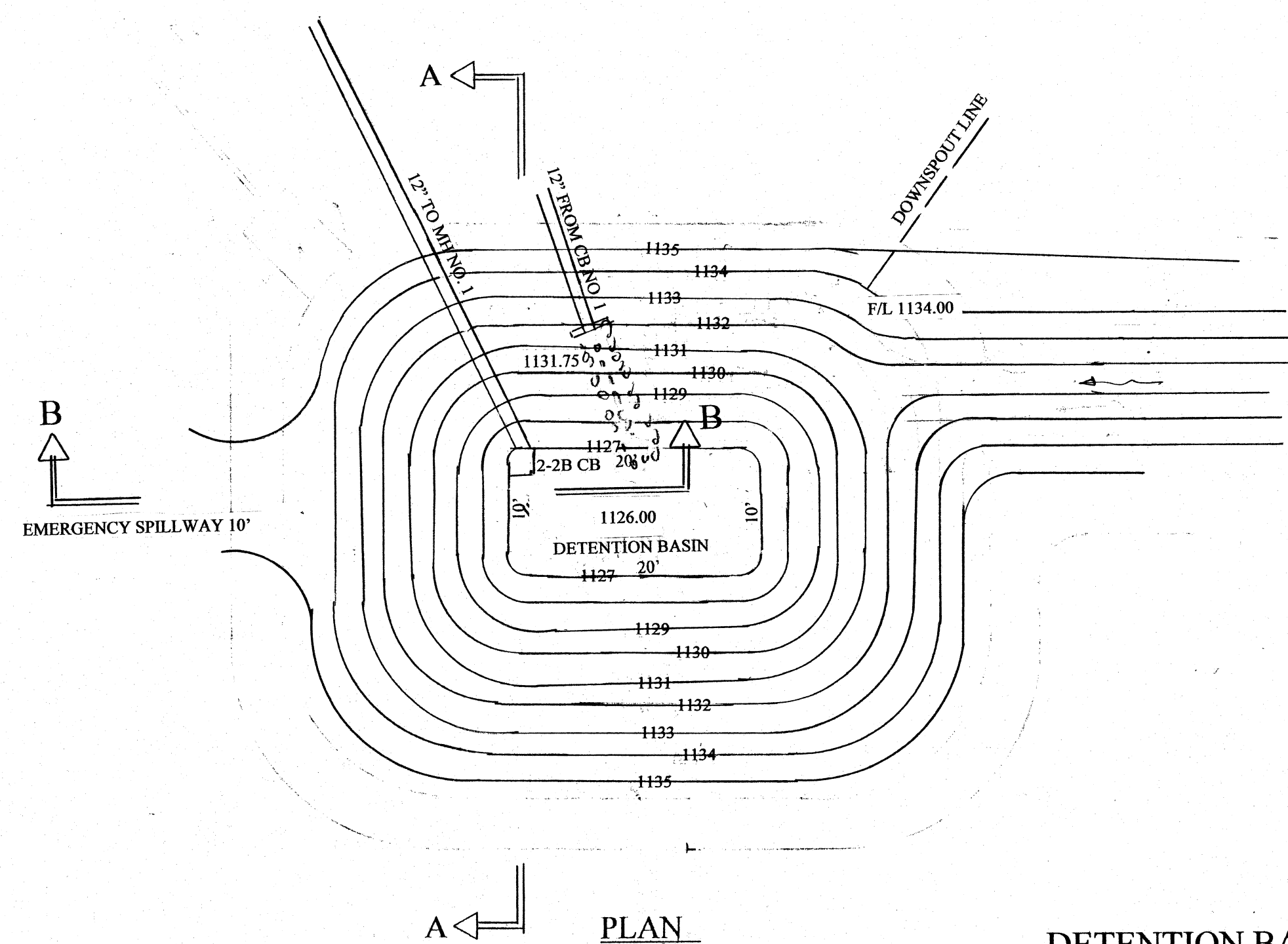
BUSINESS PLACE

VENTURE CIRCLE



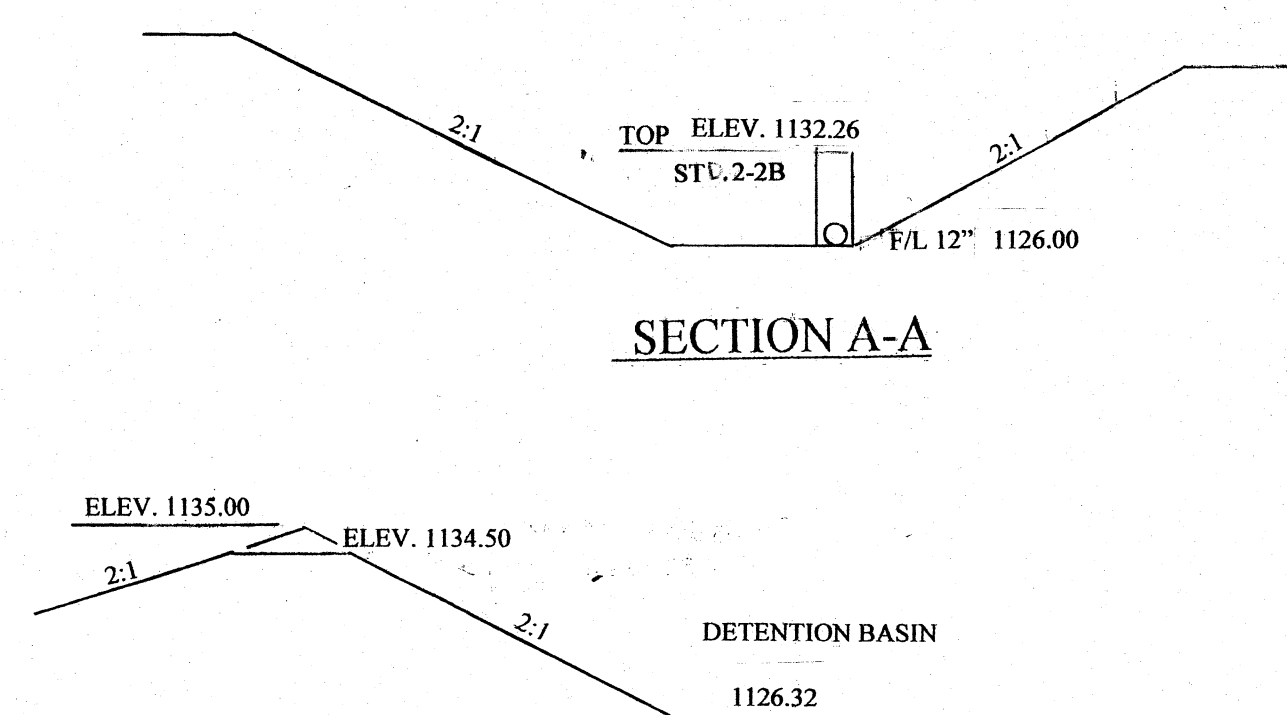
PROPOSED GRADING PLAN

SCALE: 1" = 20'



DETENTION BASIN

SCALE: 1" = 10'

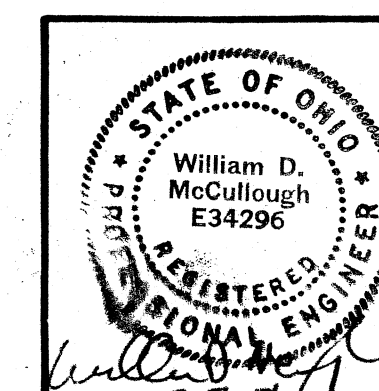


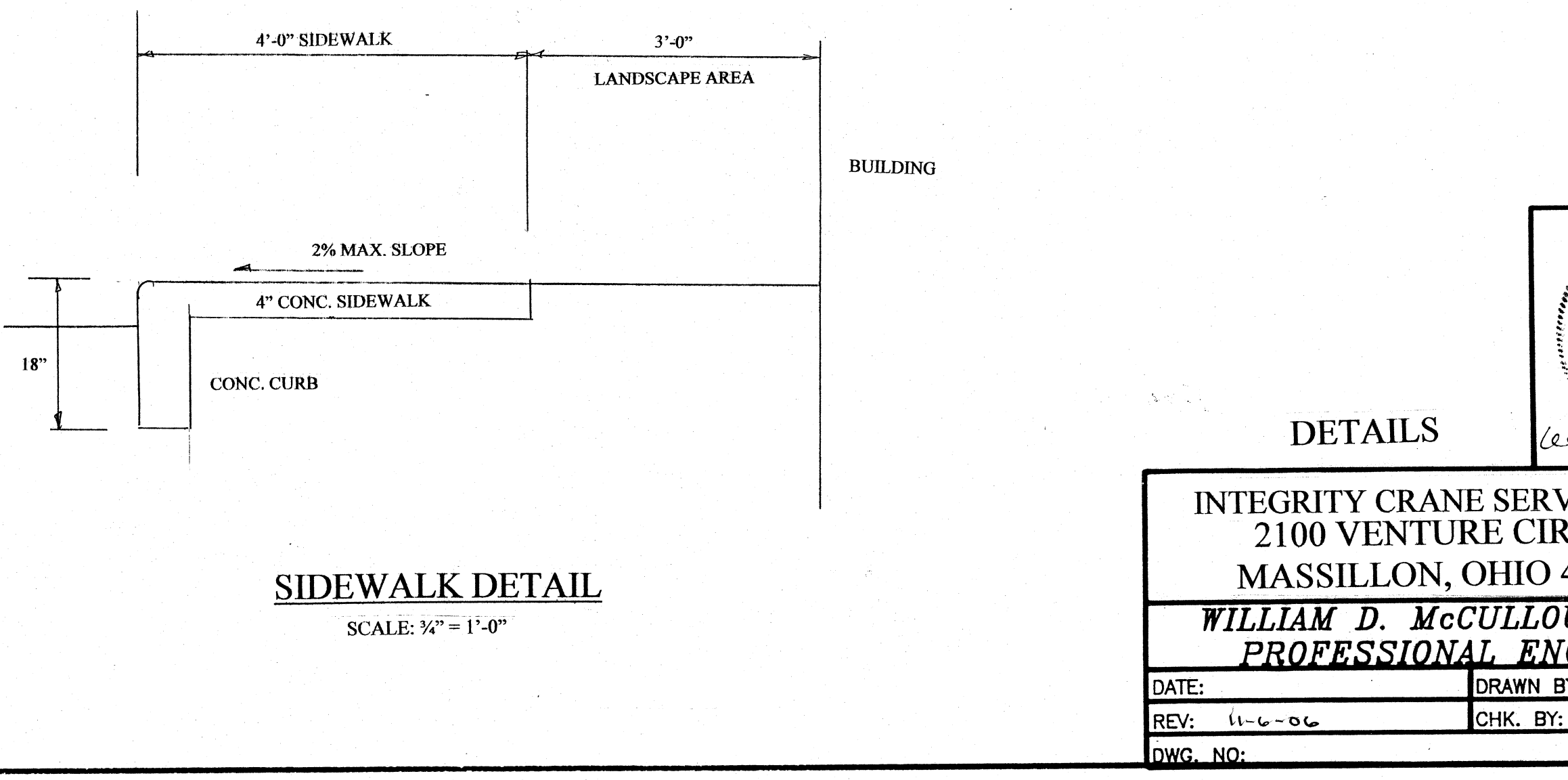
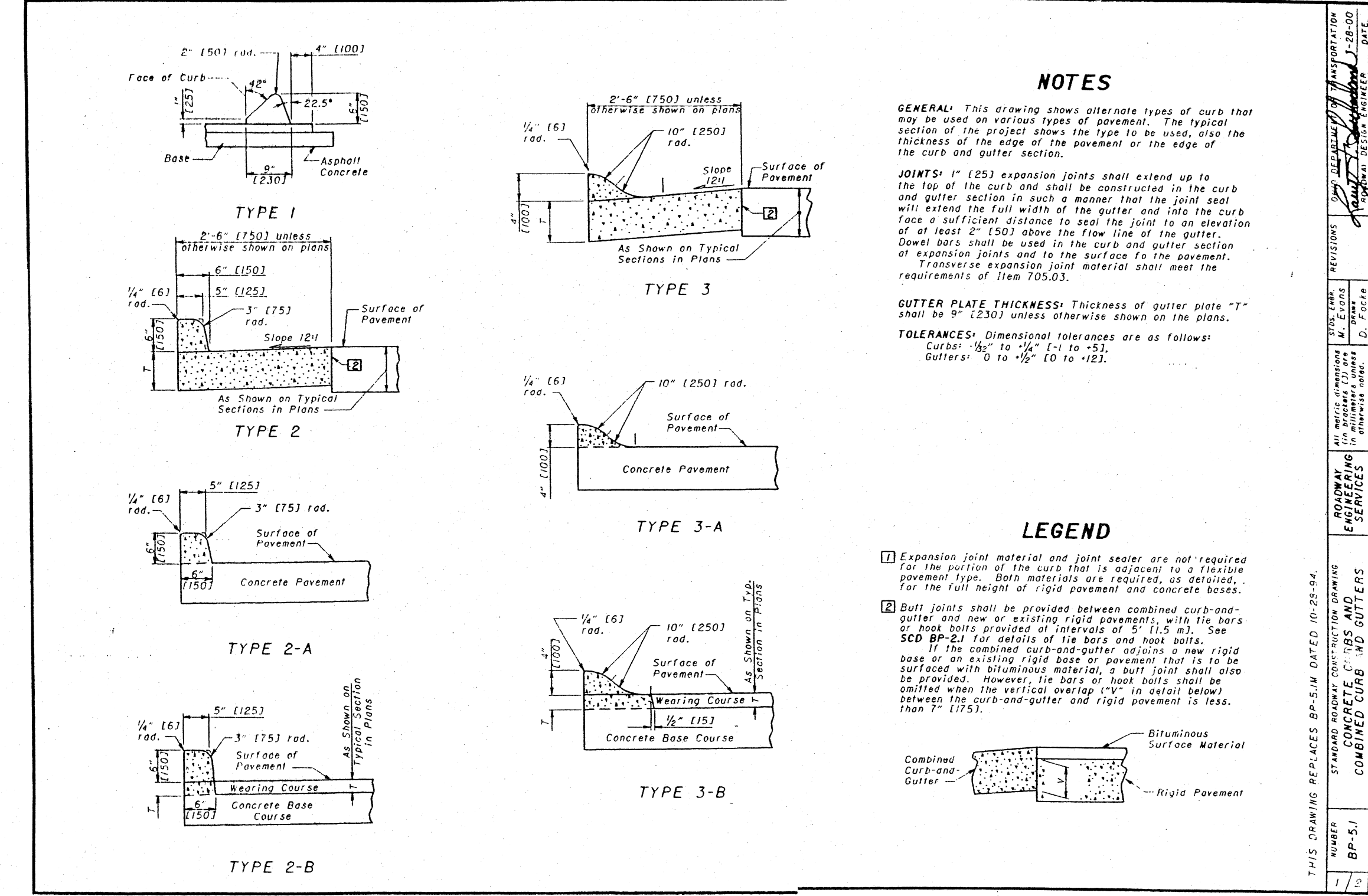
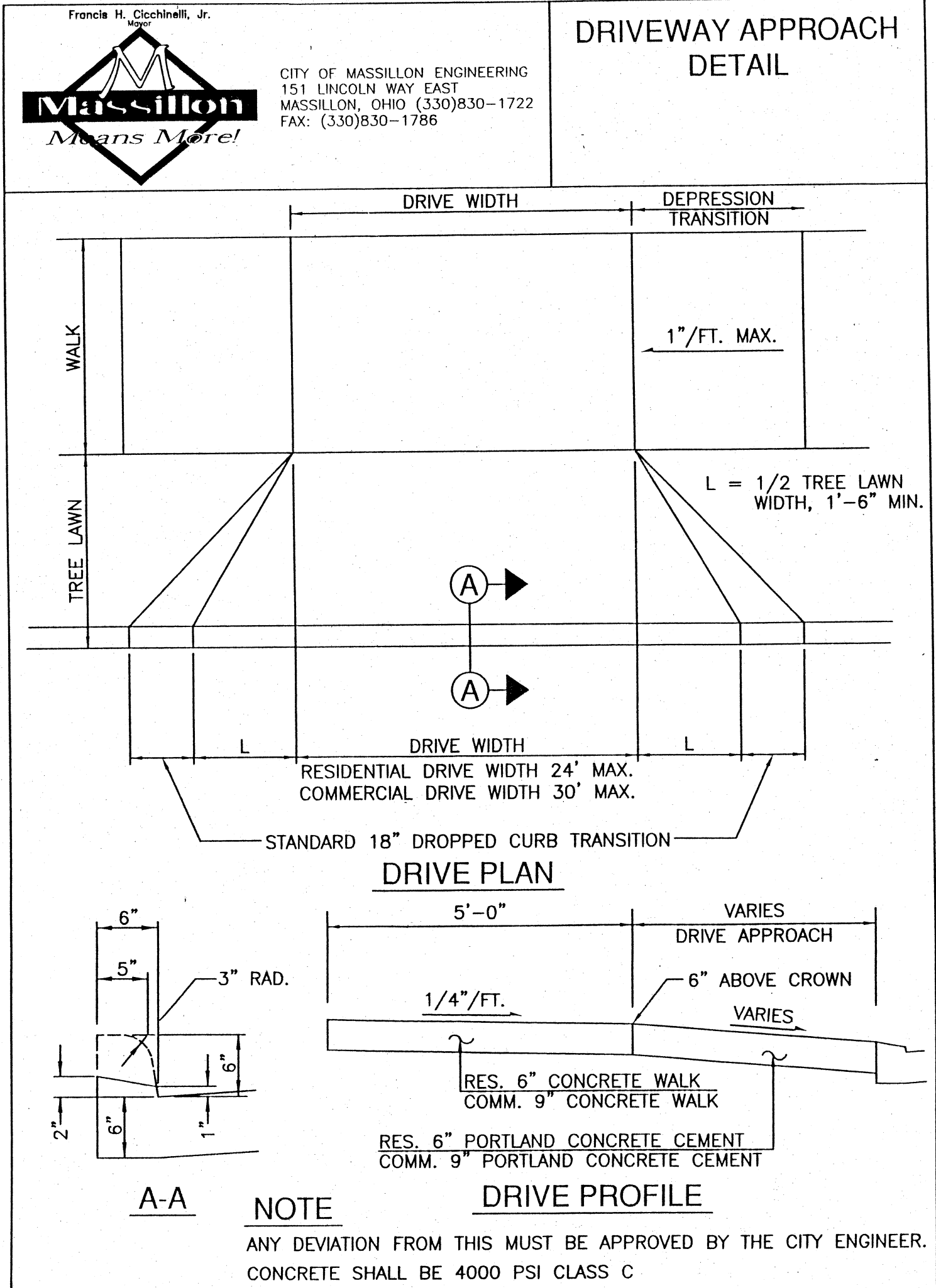
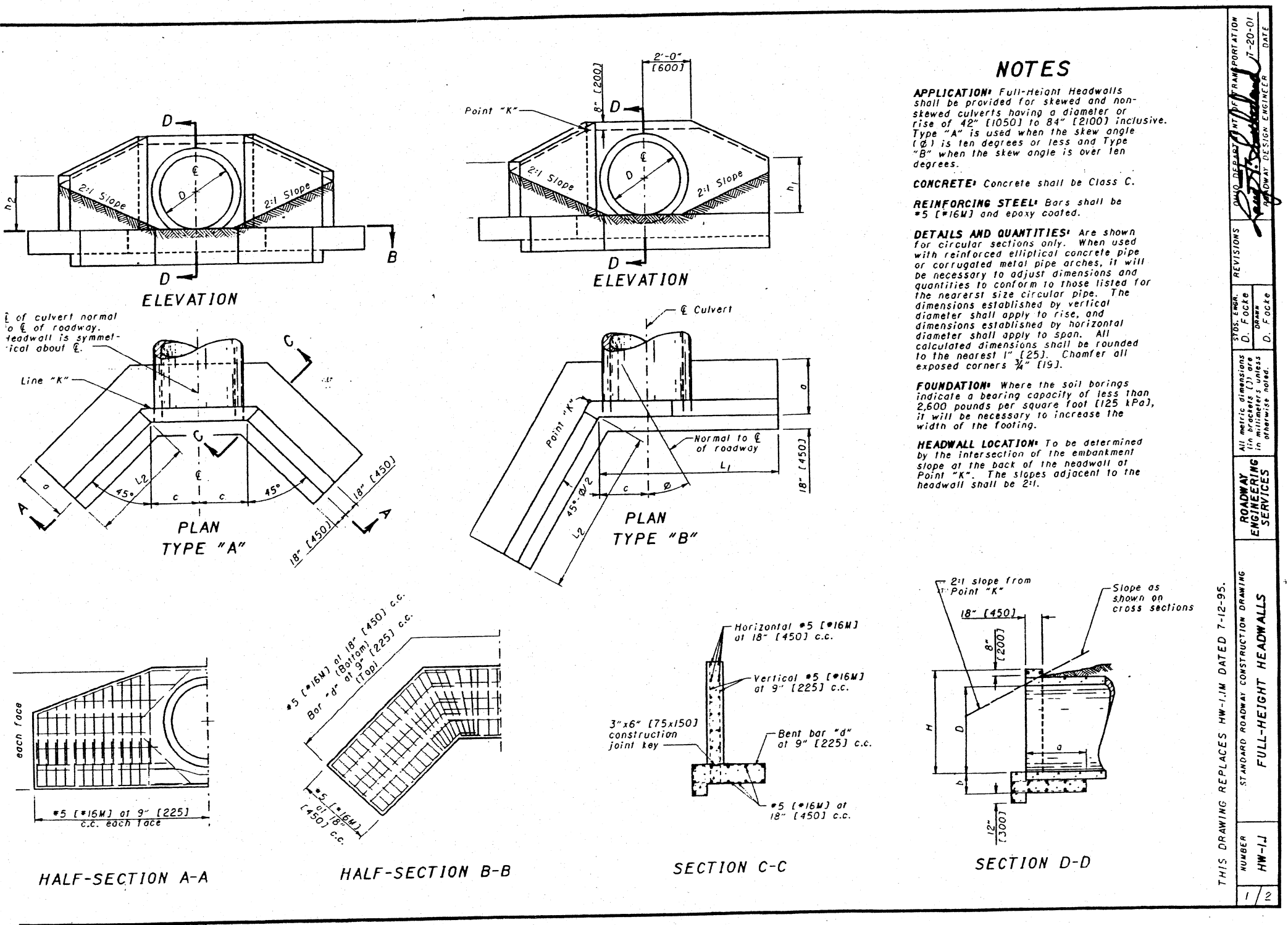
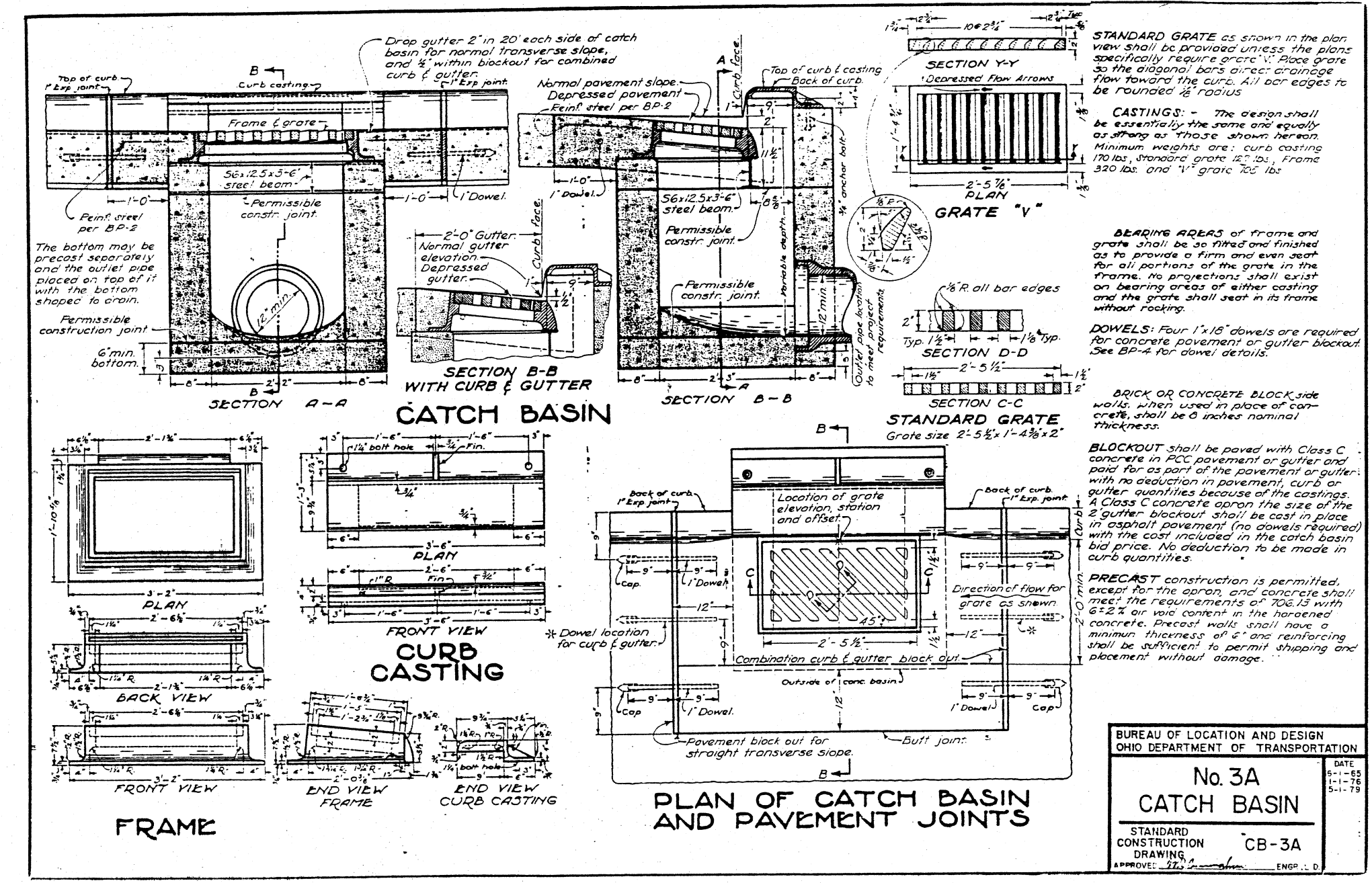
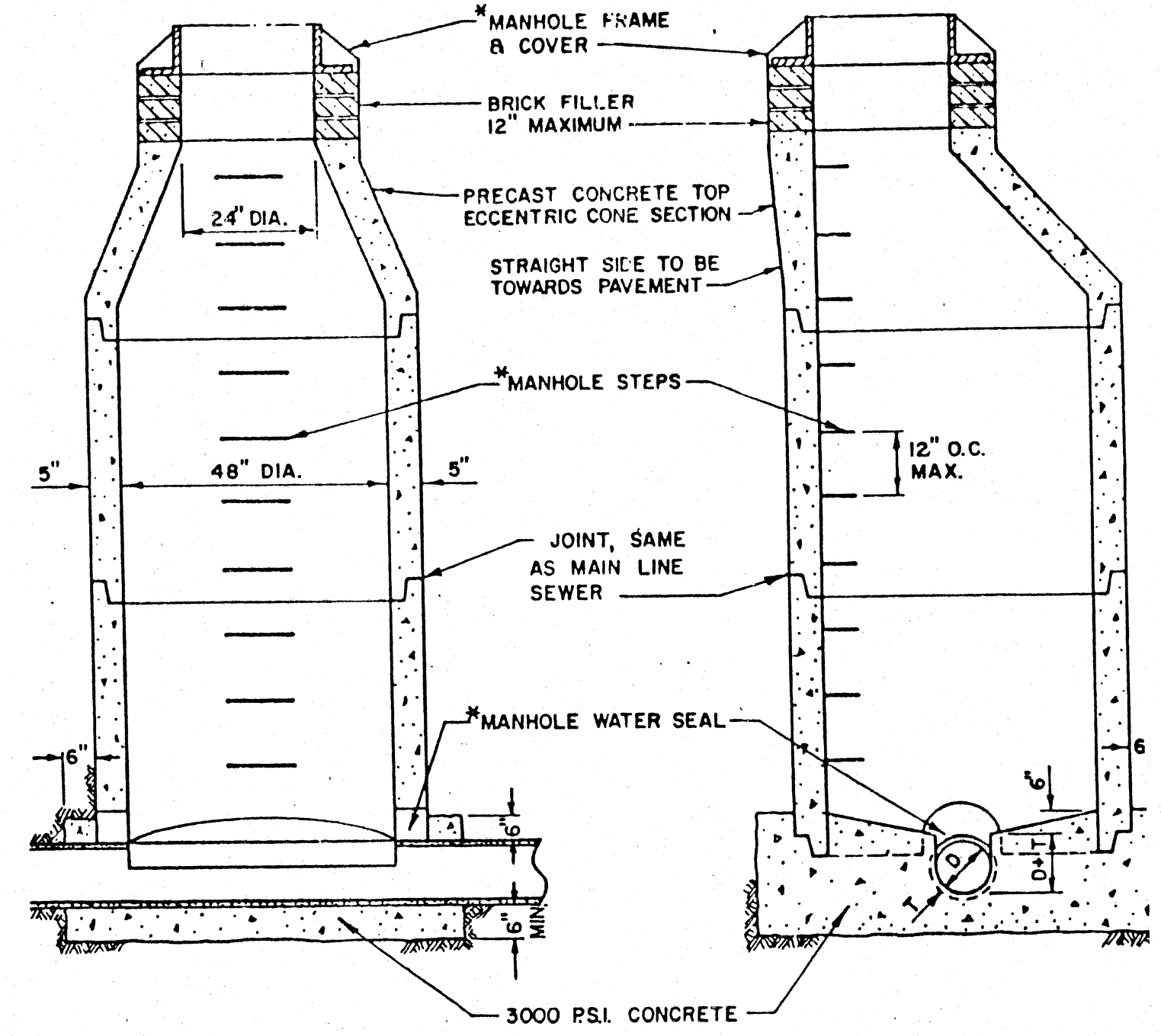
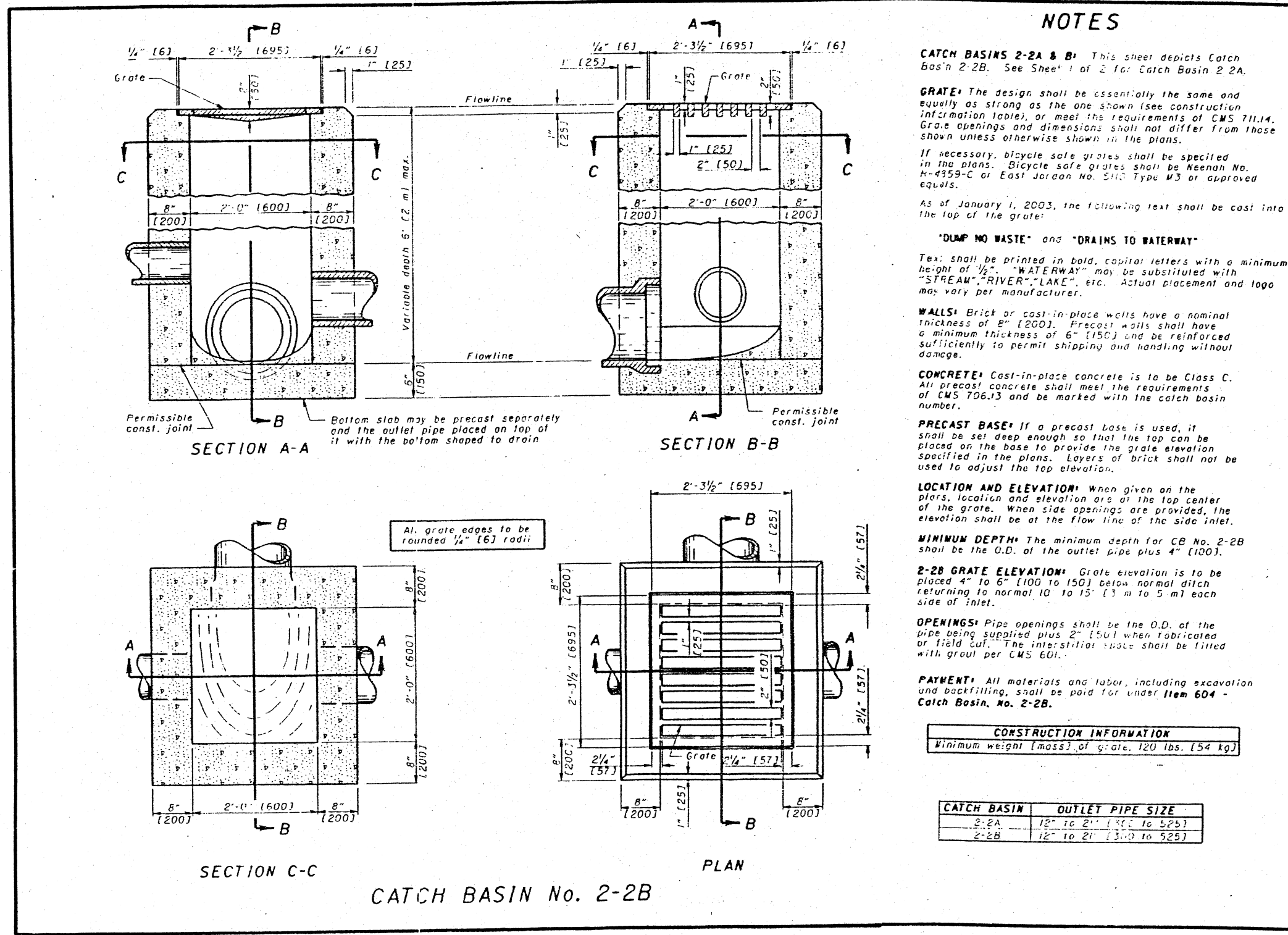
SECTION B-B

PROPOSED GRADING PLAN

INTEGRITY CRANE SERVICES, LTD.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

DATE:	DRAWN BY:
REV: 11-6-06	CHK. BY:
DWG. NO:	

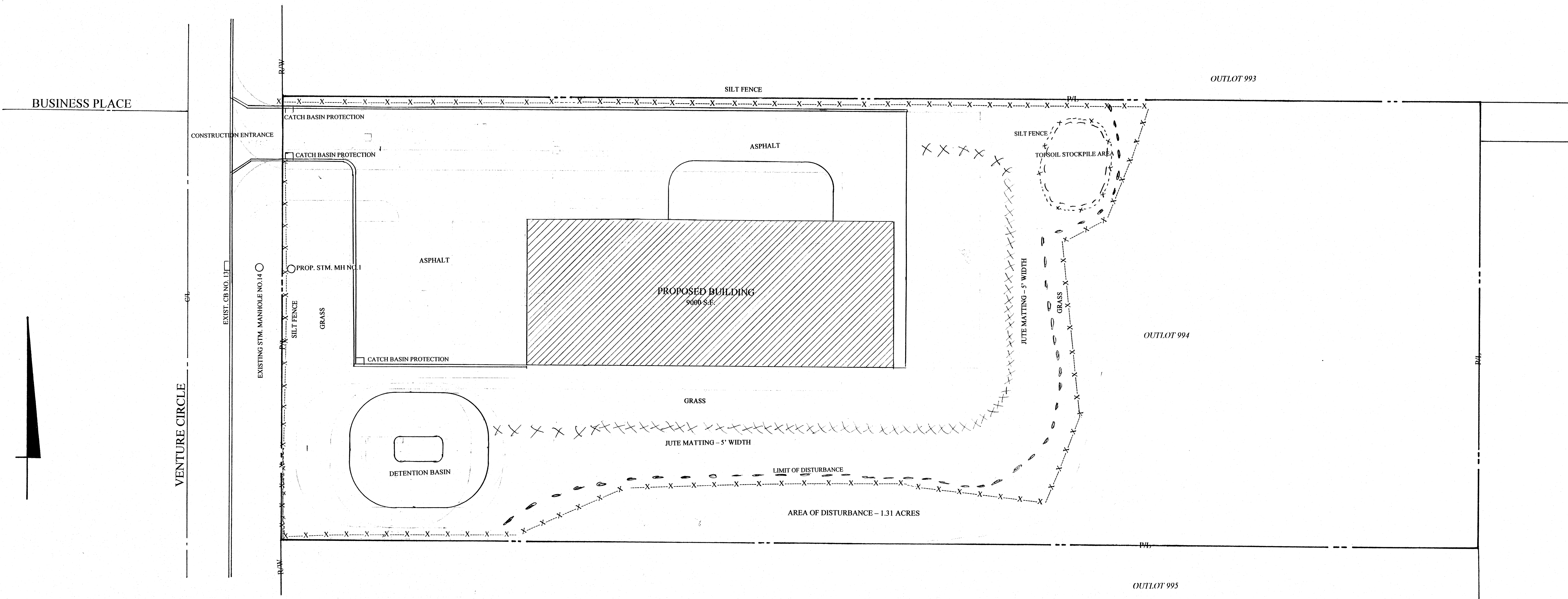




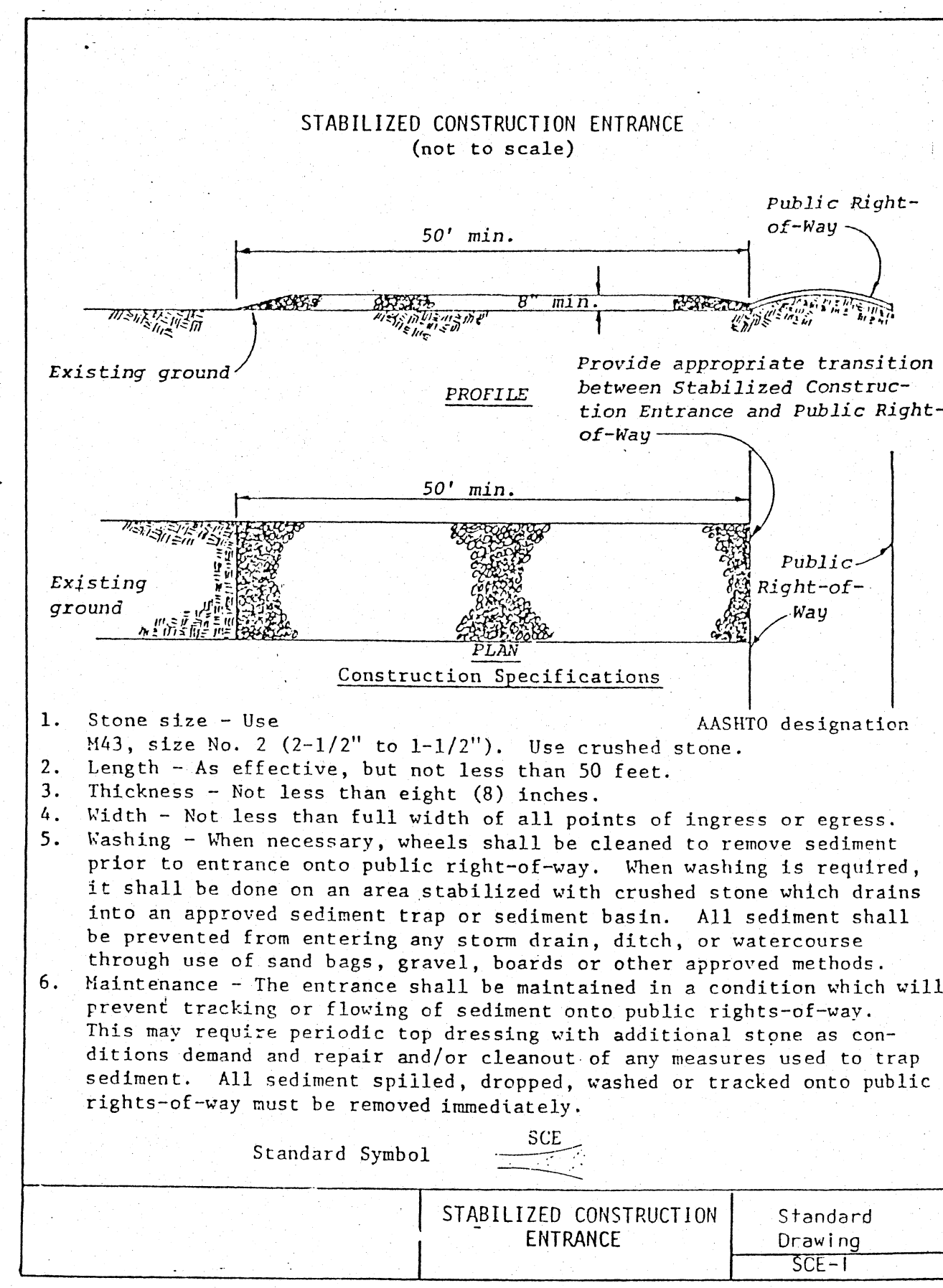
INTEGRITY CRANE SERVICES, LTD.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

DATE: 11-6-06
REV: 11-6-06
DWG. NO: 11-6-06

DRAWN BY: 11-6-06
CHK. BY: 11-6-06



SITE PLAN - EROSION CONTROL
SCALE: 1" = 20'



MULCHING

- Mulch and/or other appropriate vegetative practices shall be applied to disturbed areas within 7 days of grading if the area is to remain dormant (undisturbed) for more than 45 days or on areas and portions of the site which can be brought to final grade.
- Mulch shall consist of one of the following:
 - Straw-Straw shall be unrotted small grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The straw mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and place two 45-lb. bales of straw in each section.
 - Hydroseeders-Wood cellulose fiber should be used at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
 - Other-Other acceptable mulches include mulch matings applied according to manufacturer's recommendations or wood chips applied at 10-20 tons/ac.
- Mulch Anchoring-Mulch shall be anchored immediately to minimize loss by wind or runoff. The following are acceptable methods for anchoring mulch.
 - Mechanical-Use a disk, crimper, or similar type tool set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but be left generally longer than 6 in.
 - Mulch Nettings-Use according to the manufacturer's recommendations, following all placement and anchoring suggestions. Use in areas of water concentration and steep slopes to hold mulch in place.
 - Asphalt Emulsion-For straw mulch, apply at the rate of 160 gal./ac. (0.1 gal./sq.) into the mulch as it is being applied or as recommended by the manufacturer.
 - Synthetic Binders-For straw mulch, synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petroset, Terra Tack or equal may be used at rates recommended by the manufacturer.
 - Wood Cellulose Fiber-Wood cellulose fiber may be used for anchoring straw. The fiber binder shall be applied at a net dry weight of 750 lb./acre. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal. of wood cellulose fiber.

EROSION CONTROL / DETAILS

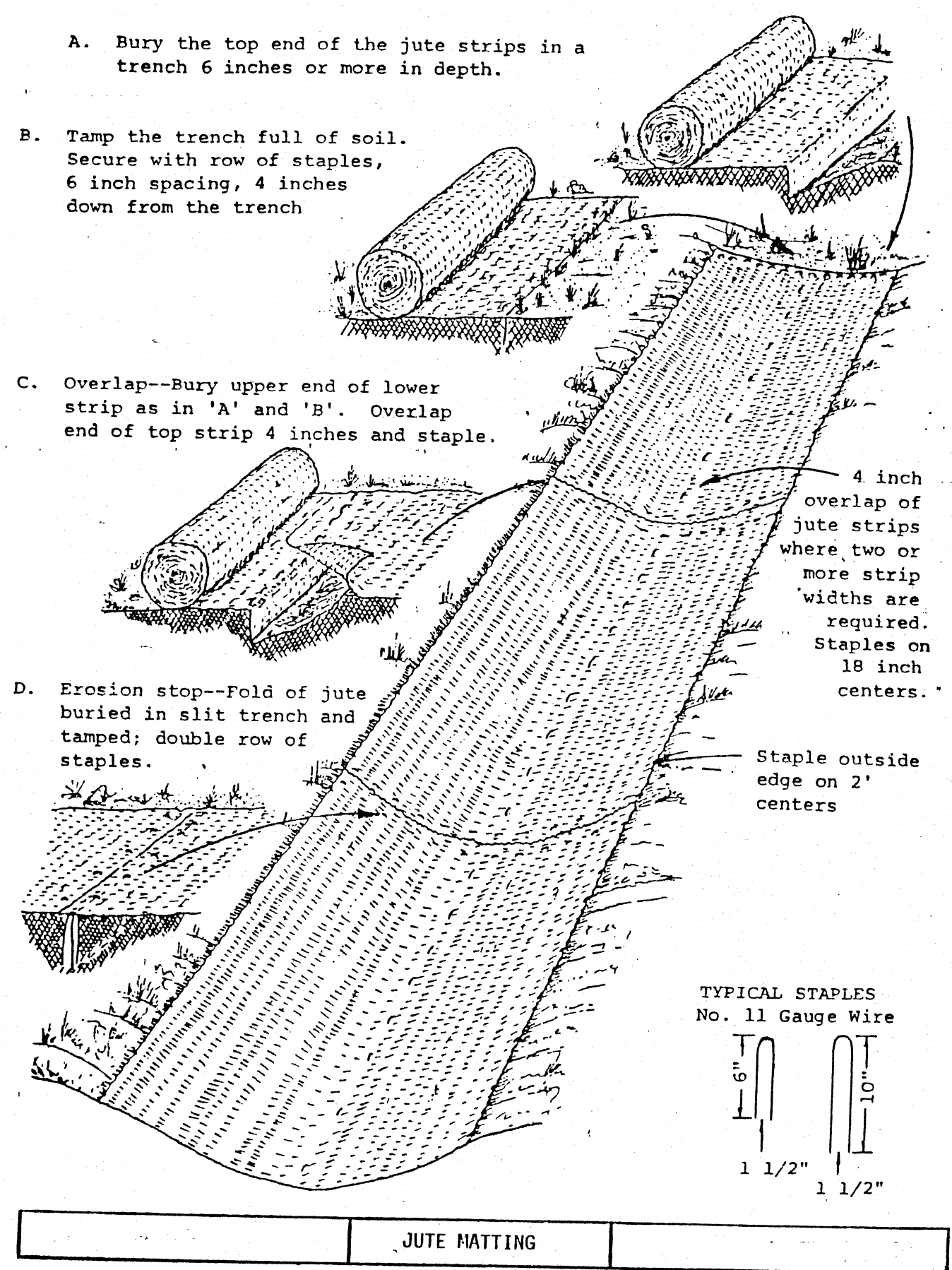
INTEGRITY CRANE SERVICES, LTD.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

DATE: 11-6-06
REV: 11-6-06
DWG. NO:

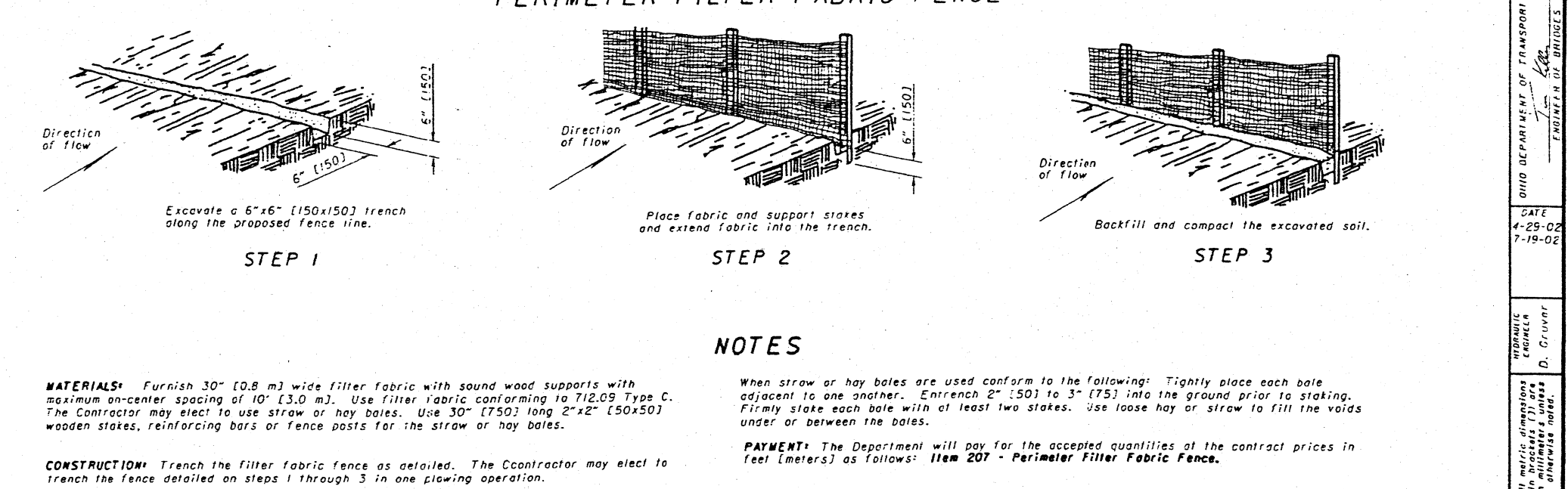
DRAWN BY:
CHK. BY:

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
William D. McCullough
E34296

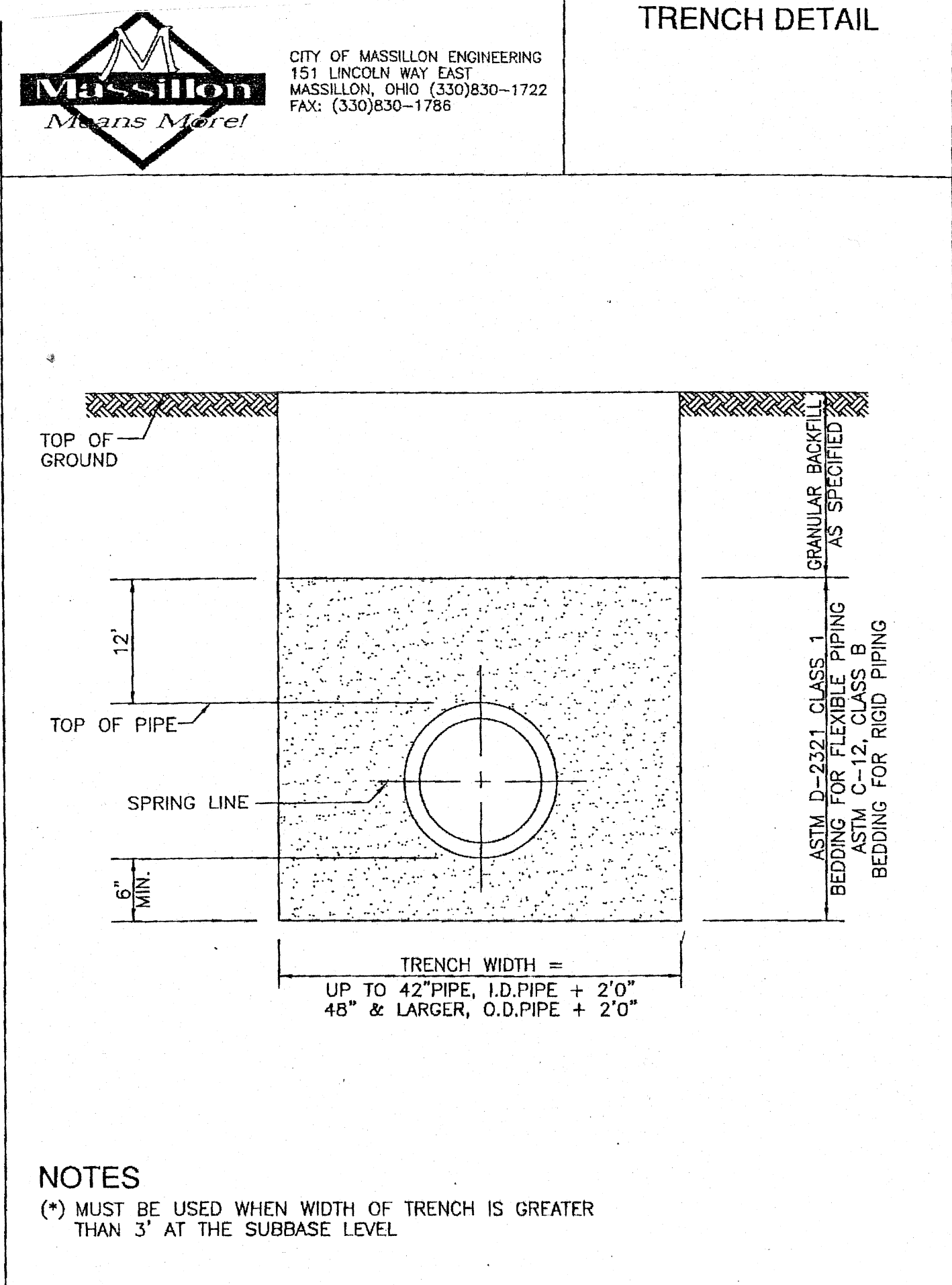
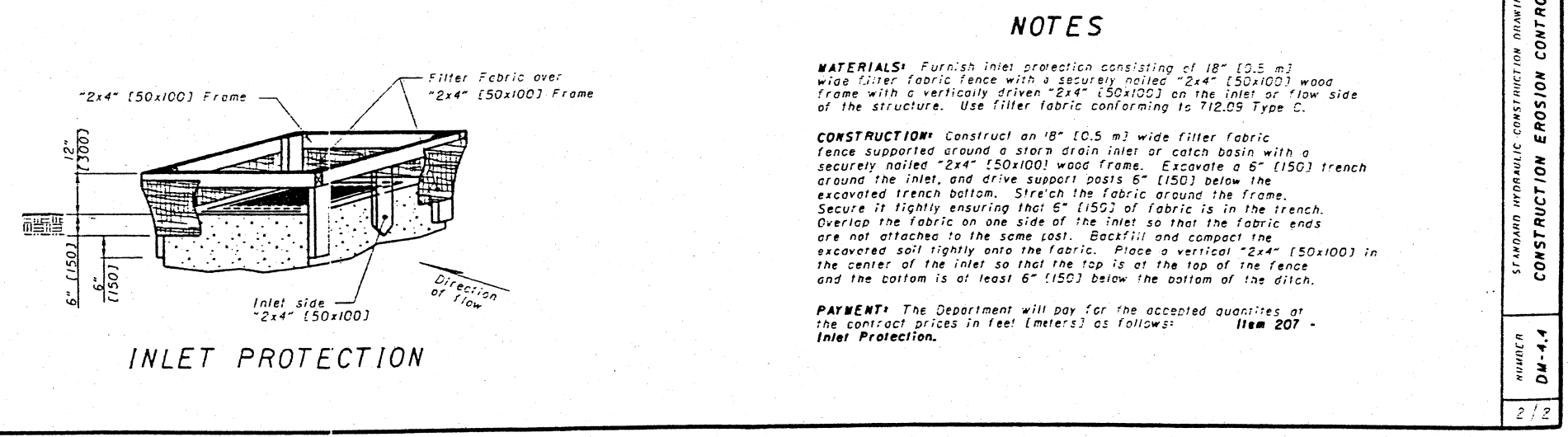
DETAIL FOR STABILIZING WATERWAYS WITH JUTE MATTING



PERIMETER FILTER FABRIC FENCE

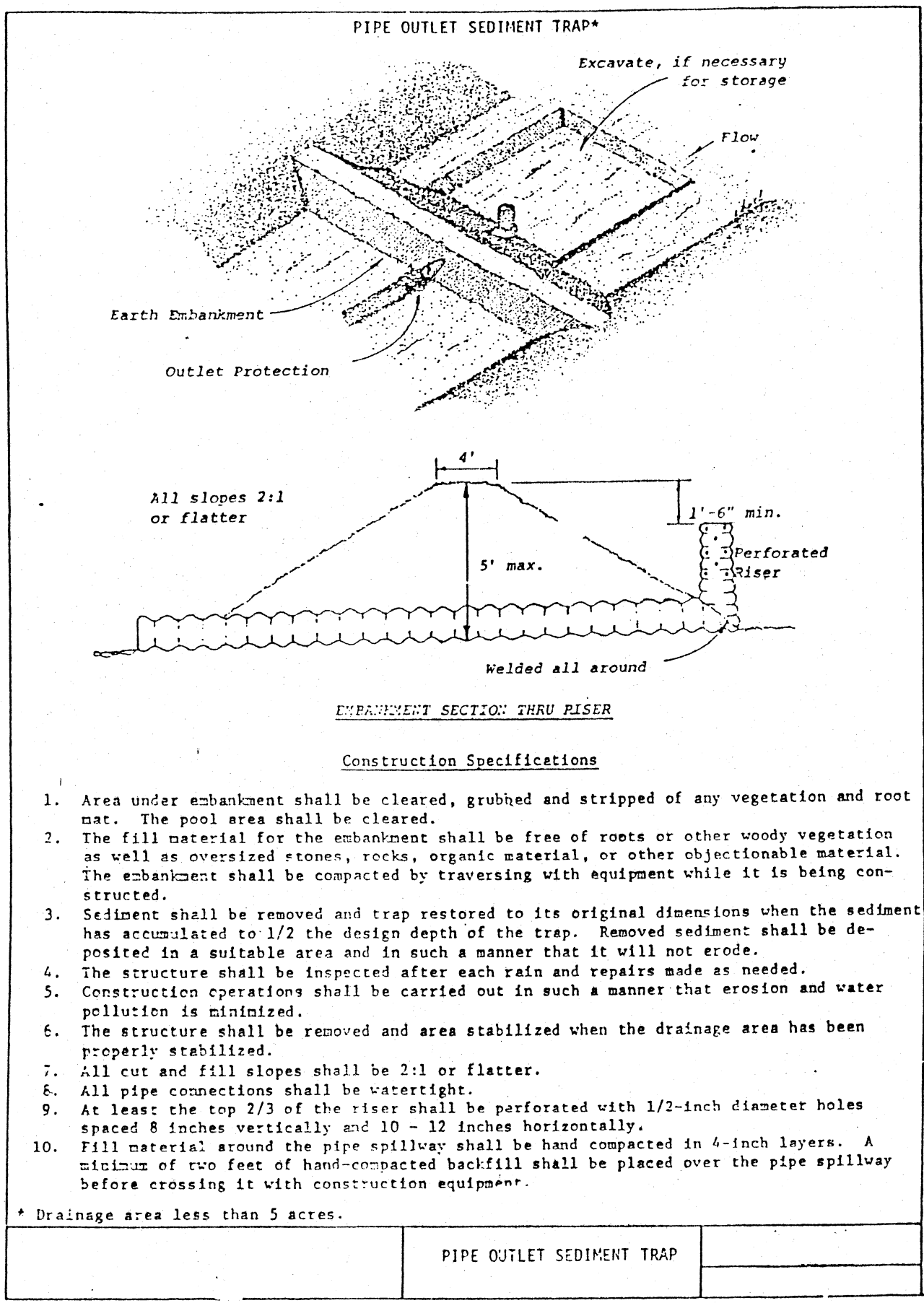
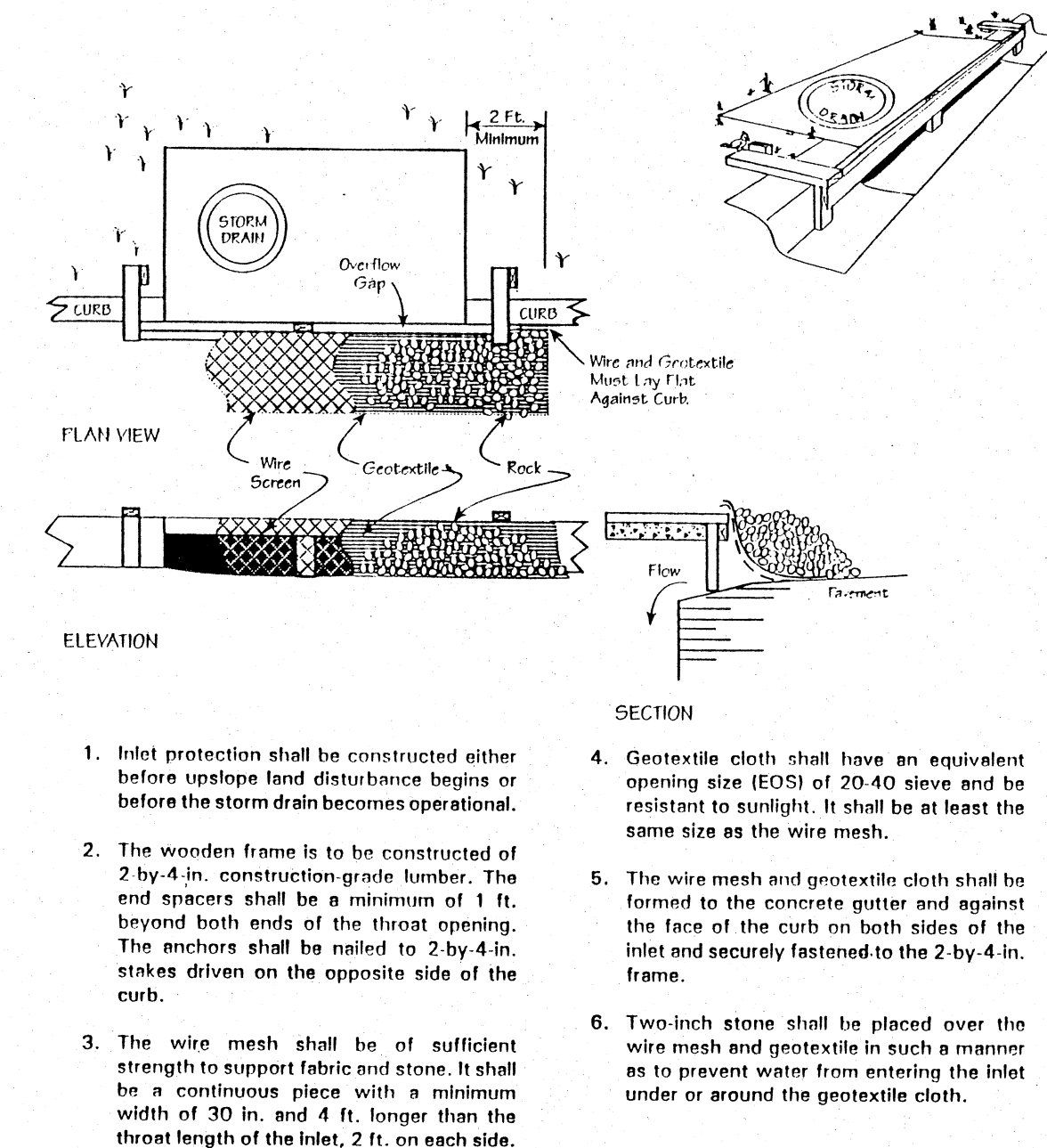


INLET PROTECTION

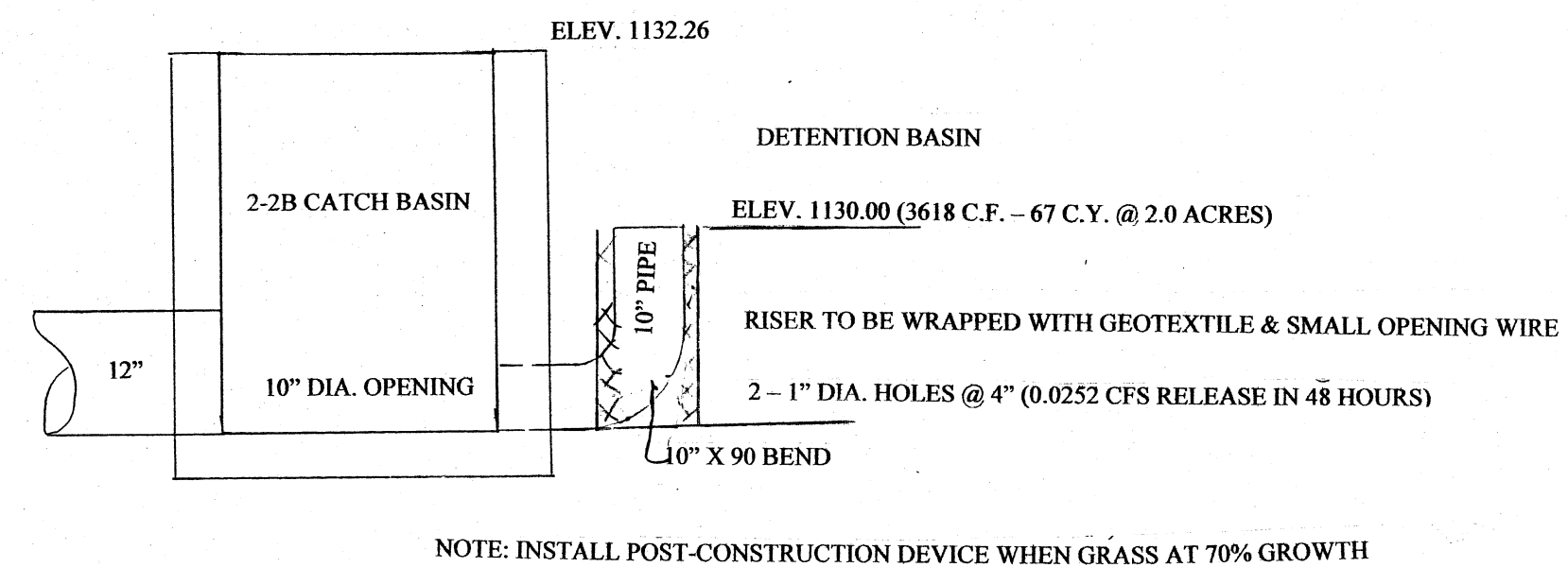
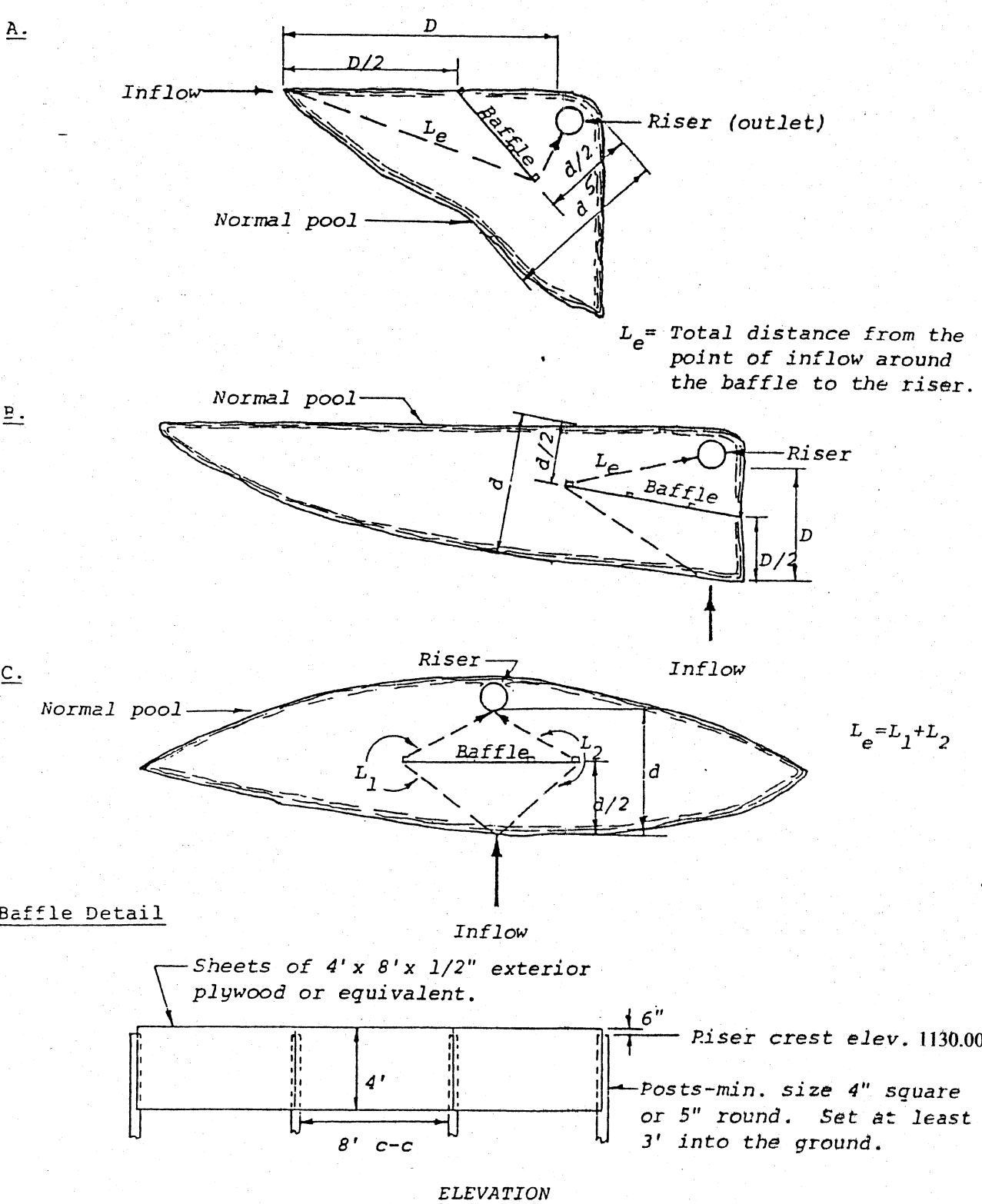


- EROSION AND SEDIMENT CONTROL:**
- All erosion and sediment control items and practices shall be installed as a first step in the grading operations.
- Construction and grading areas should be limited to minimum size areas that can be stabilized within three (3) weeks.
- If work is delayed, all exposed areas shall be temporarily seeded and mulched as per ODOT Specifications Item 207.
- All topsoil shall be stripped and stockpiled. During finish grading topsoil shall be redistributed to a settled depth of three (3) inches.
- The Stark County SWCD and the City of Massillon may require the installation of additional erosion control measures not shown on the plans, both temporary and permanent.
- The detention basin shall be installed as the first element of the construction process. It shall serve as a temporary sediment basin until all construction earthwork is completed and exposed areas are stabilized.
- GENERAL NOTES - EROSION CONTROL:**
- Unless otherwise indicated on the plan, materials and procedures shall meet the requirements and shall be in accordance with the current edition of the "Construction and Material Specifications" issued by the Ohio Department of Transportation (ODOT) City of Massillon and Stark County SWCD.
 - Silt fence is to be provided along all grading limits or areas of distributed soil during construction. Silt fence must be placed around stockpiles and temporary seeding and mulching if inactive for thirty (30) days or longer.
 - Catch basins shall be protected as shown on detail of inlet protection in swales, ditch lines or yard inlets.
 - All disturbed areas shall be seeded within seven (7) days of completion of final grading.
 - Jute matting is to be provided in all ditch or channel areas.
 - If work is delayed all exposed areas shall be temporarily seeded and mulched.
 - A pre-construction meeting with Stark County SWCD and the City of Massillon is required no more than two (2) days before the start of construction.
 - Temporary soil stabilization shall occur within seven (7) days after rough grading if the area will remain inactive longer than thirty (30) days during earth disturbing activities.
 - Permanent soil stabilization shall occur seven (7) days after final grade has been reached. Permanent vegetation shall cover eighty percent (80%) of the soil surface and will be mature enough to survive winter conditions.

CURB INLET PROTECTION

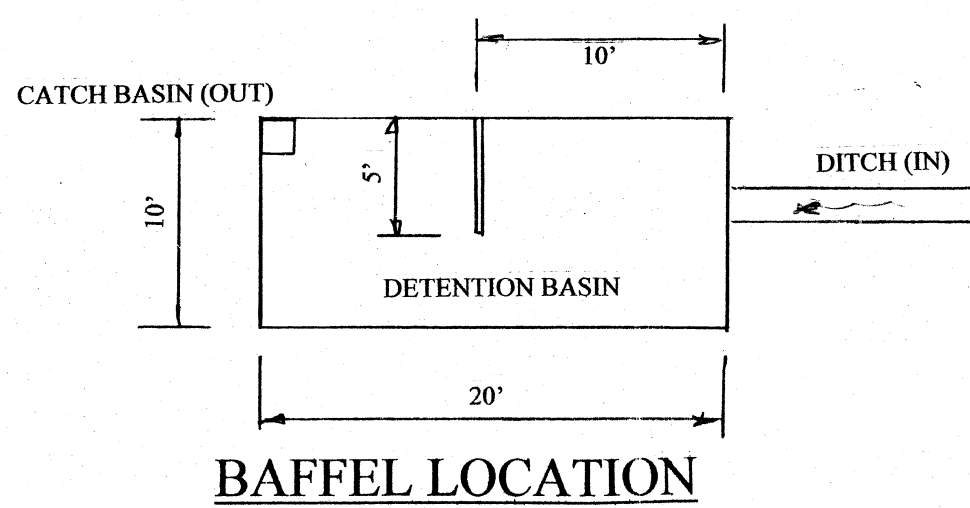


Examples: Plan Views - not to scale



POST-CONSTRUCTION SEDIMENT CONTROL

- MAINTENANCE:**
- POST-CONSTRUCTION BASIN TO BE INSPECTED WEEKLY.
 - A MAINTENANCE LOG SHALL BE MAINTAINED BY THE OWNER.
 - AN ACCUMULATED SEDIMENT TO BE REMOVED TO MAINTAIN CAPACITY
 - THE GEOTEXTILE SHALL BE REPLACED IF TORN OR CLOGGED.
 - OWNER OF PROPERTY TO BE RESPONSIBLE FOR THE MAINTENANCE OF THE POST-CONSTRUCTION FACILITIES.



EROSION CONTROL

INTEGRITY CRANE SERVICES, INC.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

DATE: 11-6-06
REV: 11-6-06
DWG. NO:

DRAWN BY:
CHK. BY:

STATE OF OHIO
PROFESSIONAL ENGINEER
William D. McCullough
E34296
8-30-06

BUSINESS PLACE

VENTURE PLACE

EXIST. CH NO. 13
EXIST. STM. MH NO. 14

1
AREA = 0.523 ACRES
GRASS

2
AREA = 1.178 ACRES

3
AREA = 0.672 ACRES
OUTLOT 994

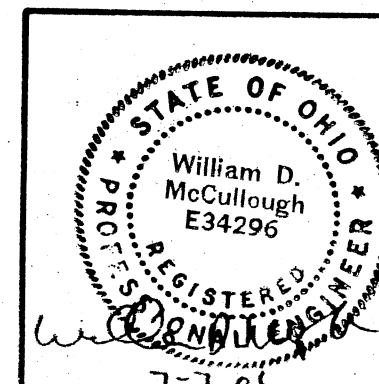
4
AREA = 0.255 ACRES

EXISTING SITE PLAN
SCALE: 1" = 20'

OUTLOT 993

OUTLOT 995

PRE-DEVELOPMENT DRAINAGE MAP

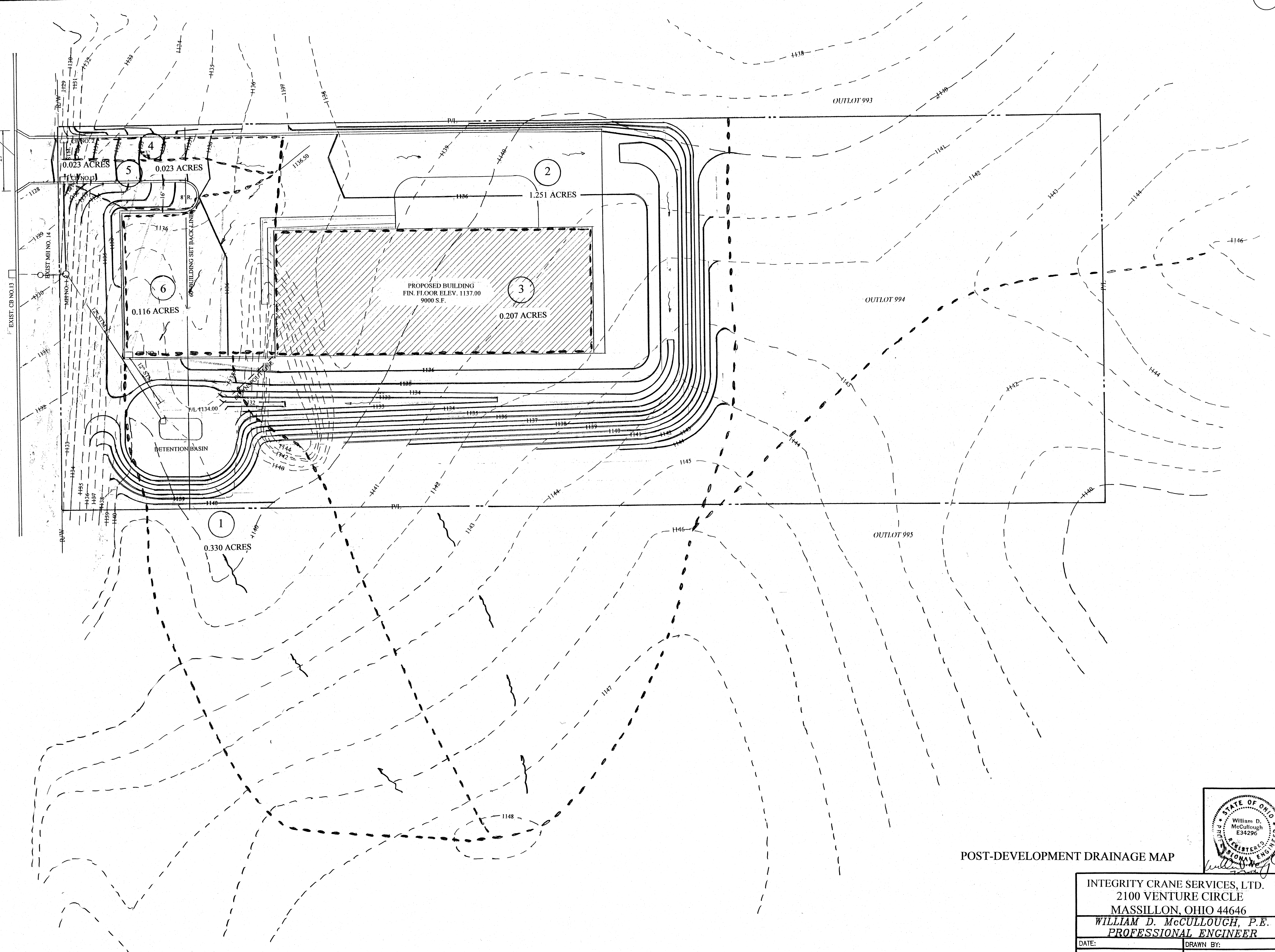


INTEGRITY CRANE SERVICES, LTD.
2100 VENTURE CIRCLE
MASSILLON, OHIO 44646
WILLIAM D. McCULLOUGH, P.E.
PROFESSIONAL ENGINEER

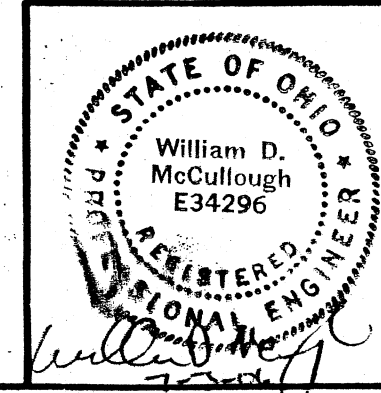
DATE: 11-6-06
DRAWN BY:
REV: 11-6-06
CHK. BY:
DWG. NO:

BUSINESS PLACE

VENTURE CIRCLE



POST-DEVELOPMENT DRAINAGE MAP



INTEGRITY CRANE SERVICES, LTD. 2100 VENTURE CIRCLE MASSILLON, OHIO 44646	
WILLIAM D. McCULLOUGH, P.E. PROFESSIONAL ENGINEER	
DATE:	DRAWN BY:
REV: 11-6-06	CHK. BY:
DWG. NO:	8