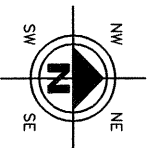


MASSILLON CITY SCHOOL MUTI PURPOSE FACILITY  
SITE WORK AT 1 PAUL E. BROWN DRIVE S.E.  
MASSILLON, OHIO

ZONING AND LEGAL INFORMATION  
PARCEL NO. 06-80011  
OUT LOT 312A  
35.78 ACRES  
ZONING E-1  
BUILDING SET BACK:  
FRONT: 70.00'  
PER SECTION 1177.01 (b)  
CITY OF MASSILLON ZONING CODE



SCALE  
1" = 200'

|                    |                    |
|--------------------|--------------------|
| DRAWN BY:<br>DAK   | CHECKED BY:<br>SDH |
| DATE:<br>NOV. 2006 | DATE:<br>NOV. 2006 |

MASSILLON SITY SCHOOL  
MULTI PURPOSE FACILITY  
  
SITE WORK  
  
1 PAUL E.. BRWON DR. S.E.

SEAL

|            |             |
|------------|-------------|
| REVISIONS: |             |
| DATE       | DESCRIPTION |
|            |             |
|            |             |
|            |             |
|            |             |
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|                           |
|---------------------------|
| FILE NAME:<br>GTTITLE.DWG |
| ACCOUNT NUMBER<br>06096   |

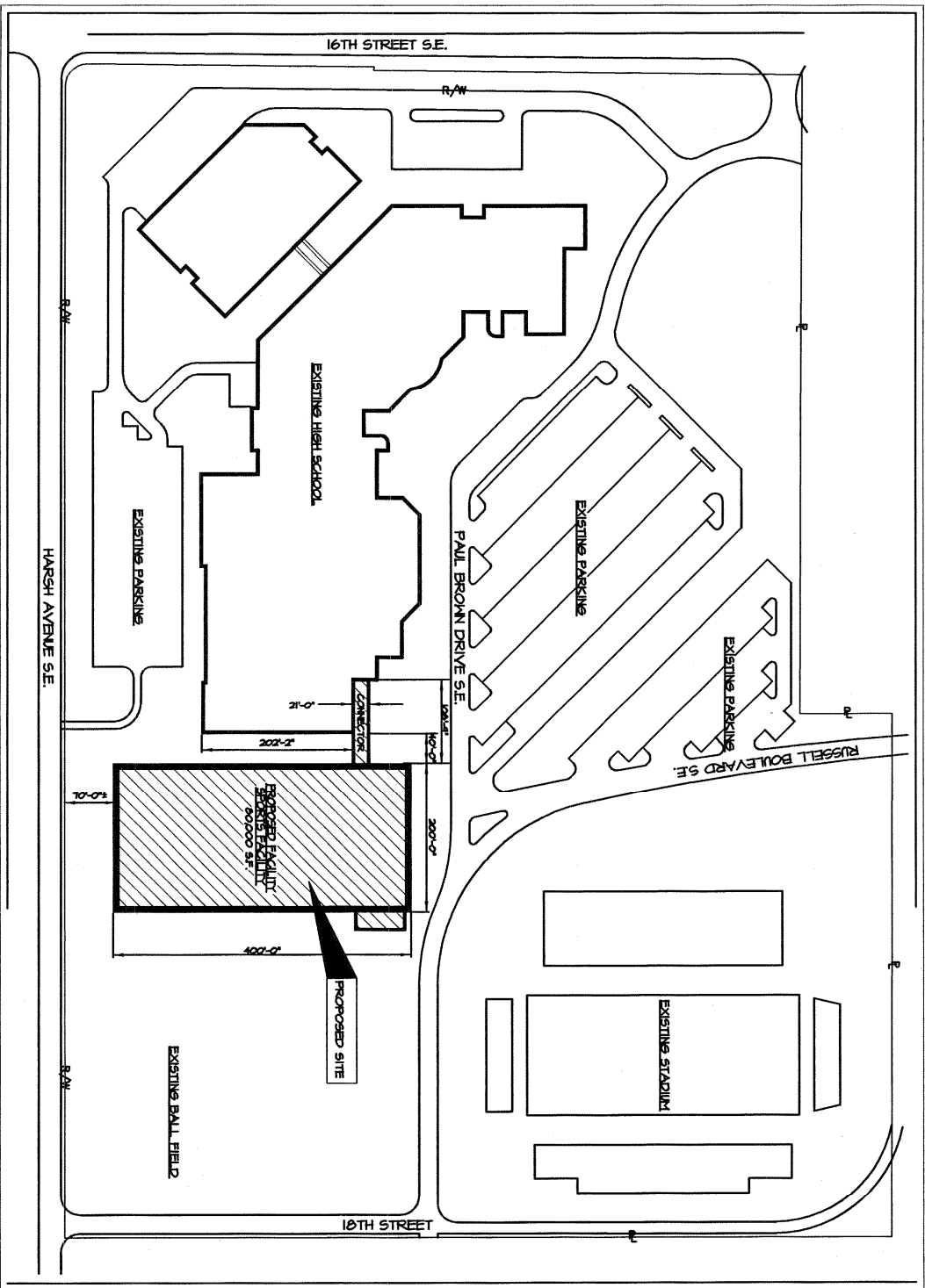
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PROJECT DESCRIPTION  
SITE WORK FOR THE MASSILLON CITY SCHOOL MULTI PURPOSE FACILITY WITHIN THE CITY OF MASSILLON. INCLUDING BUT NOT LIMITED TO GRADING, UTILITIES, AND DETENTION BASIN.

INDEX OF SHEETS:

|                    |   |
|--------------------|---|
| TITLE SHEET        | 1 |
| EXISTING SITE PLAN | 2 |
| SITE PLAN          | 3 |
| GRADING PLAN       | 4 |
| UTILITY PLAN       | 5 |
| SWPPP              | 6 |
| NOTES              | 7 |

- LEGEND
- 5/8 REBAR W/ANTION CAP (#220)  
FOUND UNLESS OTHERWISE NOTED
  - 1/2 INCH IRON BAR WITH H&A CAP SET
  - CENTRILINE
  - LOT LINE
  - R/W RIGHT-OF-WAY
  - ( ) DENOTES RECORD BEARINGS AND DISTANCES
  - WATER LINE
  - W SANITARY SEWER LINE
  - ST SANITARY SEWER LINE
  - SE SANITARY SEWER LINE
  - UE UNDERGROUND ELECTRIC
  - OE OVERHEAD ELECTRIC
  - UT UNDERGROUND TELEPHONE
  - OT OVERHEAD TELEPHONE
  - OE&C OVERHEAD ELECTRIC, TELEPHONE & CABLE
  - PC FENCE
  - PC LINE MARKER
  - PC POWER POLE
  - PC TELEPHONE POLE
  - PC TELEPHONE, POWER POLE
  - PC LIGHT POLE
- ANCHOR
  - SIGN BASIN (C.B.)
  - CAUTION HOLE (AS LABELED)
  - TRAFFIC CONTROL BOX
  - FIRE HYDRANT
  - VALVE (AS LABELED)
  - MAIL BOX
  - GRAND POST
  - SOIL BORING
  - WATER BORING WELL
  - DOWN SPOUT
  - EDGE OF PAVEMENT
  - FLOOR DRAIN
  - FINISH FLOOR ELEVATION
  - FINISH FLOOR ELEVATION
  - FLAG POLE
  - ROOF DRAIN
  - GUARD RAIL



APPROVALS

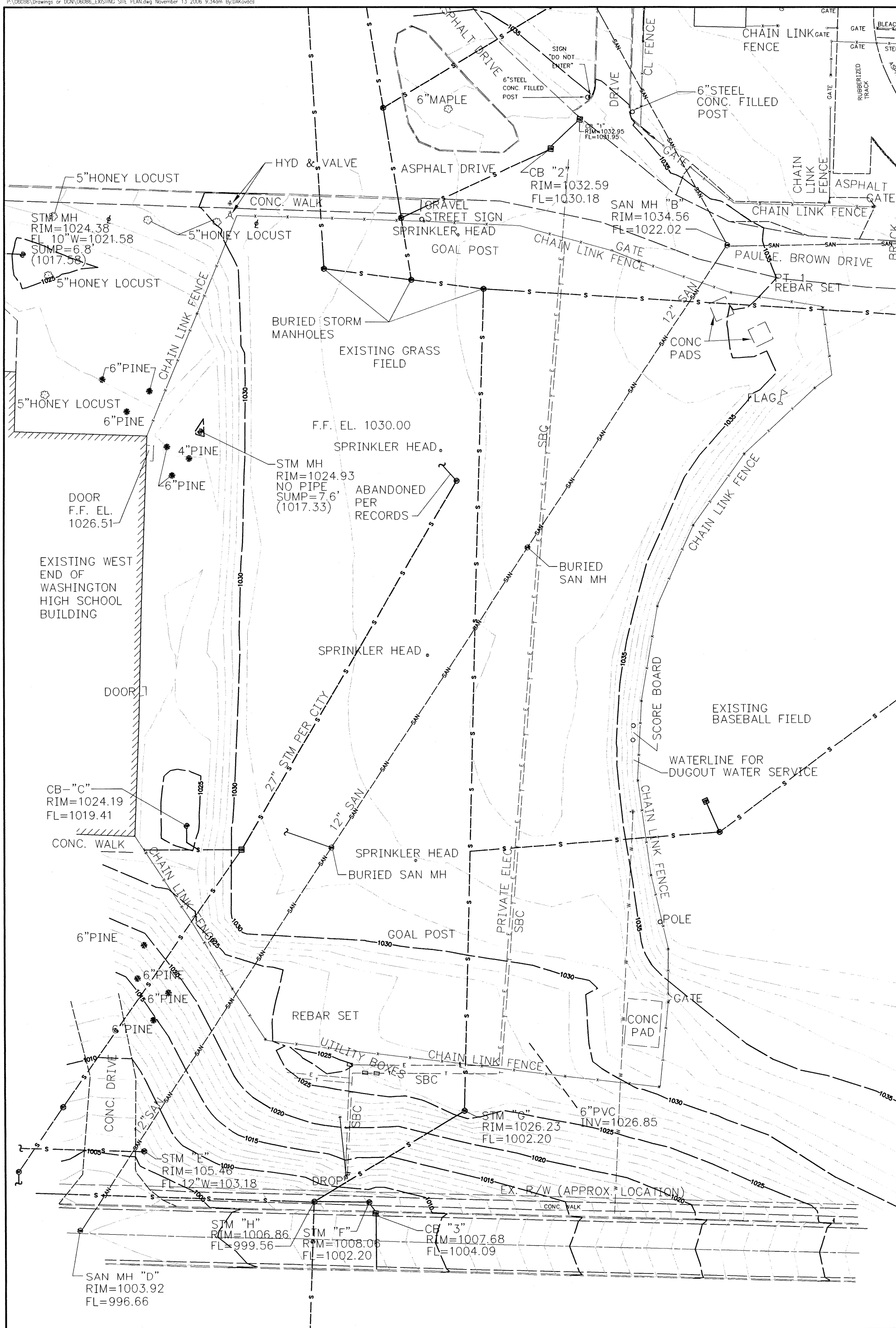
Approved by the City of Massillon City Engineer this \_\_\_\_\_ Day of \_\_\_\_\_ 20\_\_\_\_  
KEITH A. DULEWSKI, P.E.

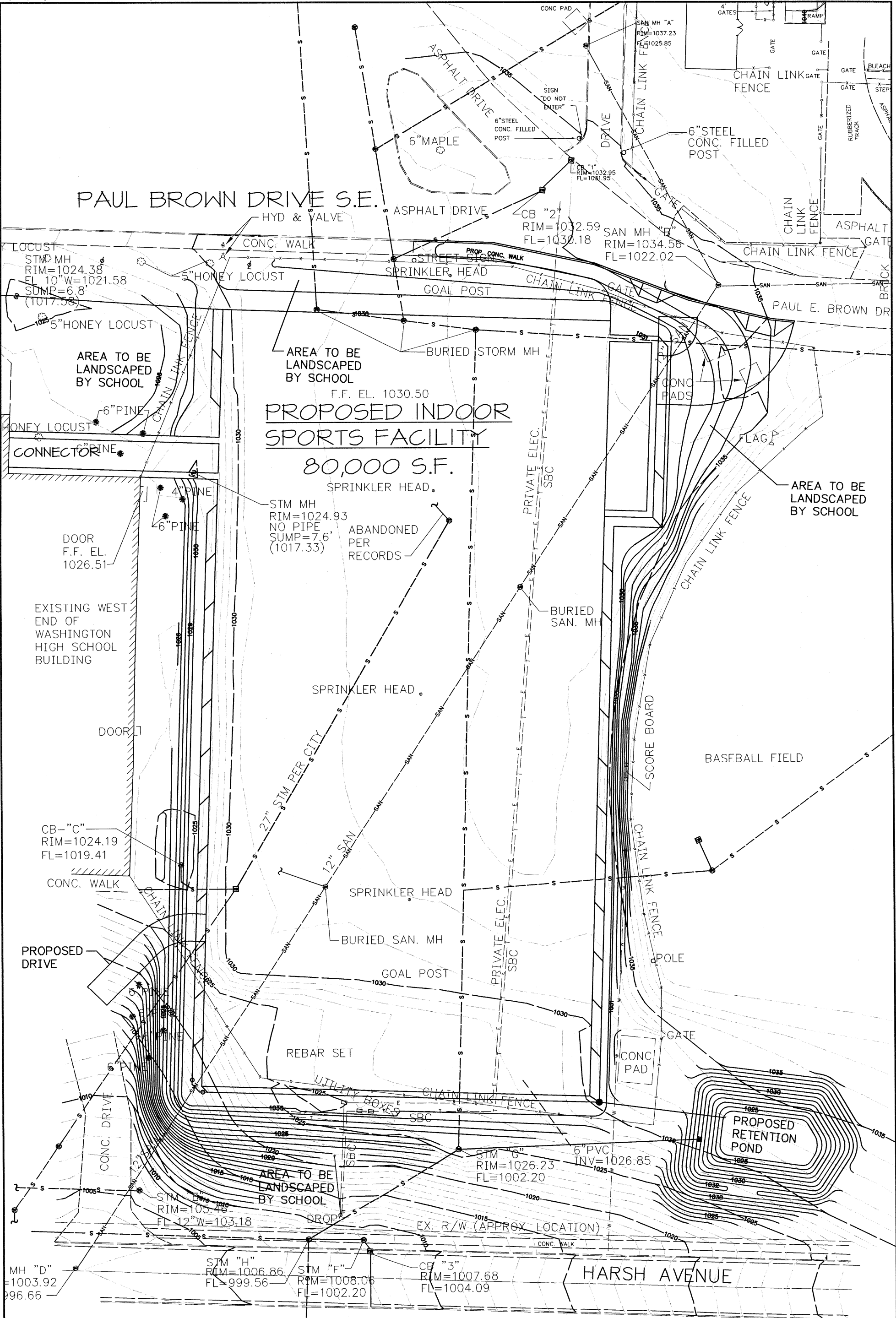
Only approved signed plans by the City Engineer are to be used for Construction.

OWNER  
MASSILLON CSD  
1 PAUL E. BROWN DR. S.E.  
MASSILLON , OHIO 44646

DEVELOPER  
PAUL & CAROL DAVID FOUNDATION  
4048 DRESSKER RD. N.W.  
SUITE 200  
CANTON , OHIO 44718

PLAN PREPARED BY:  
**MCCOY ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
388 S. MAIN ST., SUITE 401  
AKRON, OHIO 44311  
PH: (330)564-9100  
FAX: (330)564-9101





PAUL BROWN DRIVE S.E.

PROP. WALK

PROP. WALK

F.F. EL. 1030.00  
PROPOSED INDOOR  
SPORTS FACILITY  
80,000 S.F.

CONNECTOR

PROP. DRIVE

PROPOSED  
DETENTION  
POND

EMERGENCY  
OVERFLOW  
ELEV. 1032.00

EX. R/W (APPROX. LOCATION)

HARSH AVENUE

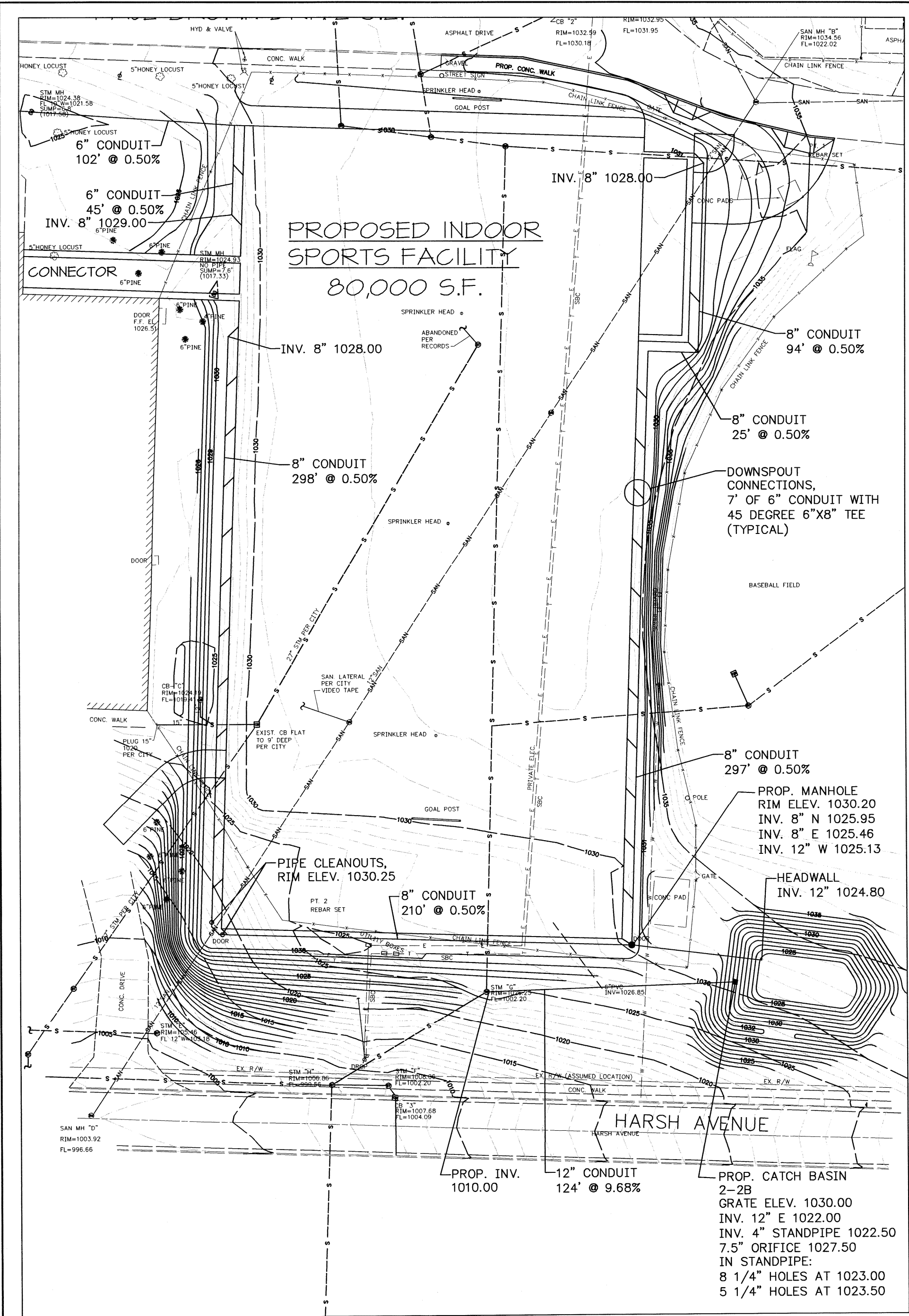


**McCOY ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
388 S. MAIN ST., SUITE 401 AKRON, OHIO 44311  
PH: (330)564-9100 FAX: (330)564-9101

GRADING PLAN

HORIZONTAL  
SCALE IN FEET







PAUL BROWN DRIVE S.E.

PROP. CONC. WALK

CONNECTOR

PROPOSED INDOOR  
SPORTS FACILITY  
80,000 S.F.

NOTE:  
The contractor shall prevent and/or reduce and control soil erosion resulting from the proposed improvements. The use of all fencing, pile nailing, temporary seeding, soil checks, silt protection around all access points, stabilized construction areas, and other erosion control measures shall be installed and maintained in accordance with the latest edition of the manual Erosion and Sediment Control - Ohio's Standards for Storm Water Management, Land Development and Urban Storm Drainage. Sediment control 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 in the proposed stormwater pollution prevention plan if approved, or as detailed on the construction plans, as specified by the City of Akron.

INLET PROTECTION  
PERIMETER FILTER  
FABRIC FENCE



HARSH AVENUE



1. THE CONTRACTOR MUST OBTAIN A ROADWAY PERMIT FROM THE CITY OF MASSILLON PRIOR TO WORKING WITHIN THE RIGHT OF WAY.
2. DRAWINGS MUST BE INSTALLED BY A LICENSED CONTRACTOR WITHIN THE CITY OF MASSILLON ENGINEERING DEPARTMENT AND A PERMIT SHALL BE OBTAINED PRIOR TO COMMENCING WORK.
3. SANITARY SEWER WORK MUST BE INSTALLED BY A LICENSED CONTRACTOR WITHIN THE CITY OF MASSILLON ENGINEERING AND A PERMIT MUST BE OBTAINED PRIOR TO COMMENCING WORK.

|  |   |   |   |   |
|--|---|---|---|---|
| AMERITECH<br>50 W BOWERY, 4TH FLOOR<br>ANN ARBOR, OH 48106<br>(800-384-8507) | AQUA OHL<br>870 3RD STREET<br>ANN ARBOR, OH 48106<br>(313) 832-5784 | OHIO ENERGY<br>1800 W MARKET BLDG. 1<br>ANN ARBOR, OH 48115<br>(800-384-4838)         | MISSION CABLE TV<br>P.O. BOX 1000<br>ANN ARBOR, OH 48106<br>(313) 831-1154      | QNT OF MESSLON<br>SINKER SERVICE<br>ANN ARBOR, OH 48106<br>(313) 830-1722 |
| GREAT LAKES<br>HARTVILLE, OH 44432<br>(330) 877-6747                         | A&E COMMUNICATIONS<br>DENVER, CO 80205-3601<br>(800) 852-2786       | THE EAST OHIO GAS COMPANY<br>ATTN: JAMES S. KIL<br>CANTON, OH 44705<br>(330) 478-5136 | NORTHEAST OHIO NATURAL GAS CORP.<br>STURTSBURG, OH 44480-9766<br>(330) 878-5589 |   |

ALL BENCHMARKS ARE BASED ON REFERENCE BENCHMARKS PROVIDED BY THE CITY OF MASSILLON

SEEDING AND MULCHING SHALL BE APPLIED TO ALL EXPOSED SOIL AREA DISTURBED DURING CONSTRUCTION.

THE OWNER SHALL APPROVE SEED MIX PRIOR TO CONSTRUCTION TO BE USED THROUGHOUT CONSTRUCTION LIMITS. PROPOSED MIX SHALL BE SUBMITTED IN WRITING PRIOR TO ANY CONSTRUCTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL AND SHALL MEET THE REQUIREMENTS OF THE BEST MANAGEMENT PRACTICES OF OHIO DEPARTMENT OF NATURAL RESOURCES, TO THE SATISFACTION OF THE CITY OF MASSILLON.

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLANS, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEM.

ALL UTILITY CONFLICTS WHERE THE REMOVAL AND RELOCATION OF AN EXISTING UTILITY DUE TO THE PROPOSED WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 202 REMOVAL AND RELOCATION OF EXISTING UTILITIES.

THE RATE OF APPLICATION OF THE 408 PRIME COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.40 GALLONS PER SQUARE YARD OF PRIME COAT FOR ESTIMATING PURPOSES ONLY.

**EXISTING DATA**  
EACH CONTRACTOR SHALL VISIT THE SITE PERSONALLY TO ASCERTAIN THE NATURE OF THE WORK AND BECOME THOROUGHLY FAMILIARIZED WITH THE SITE PRIOR TO SUBMISSION.

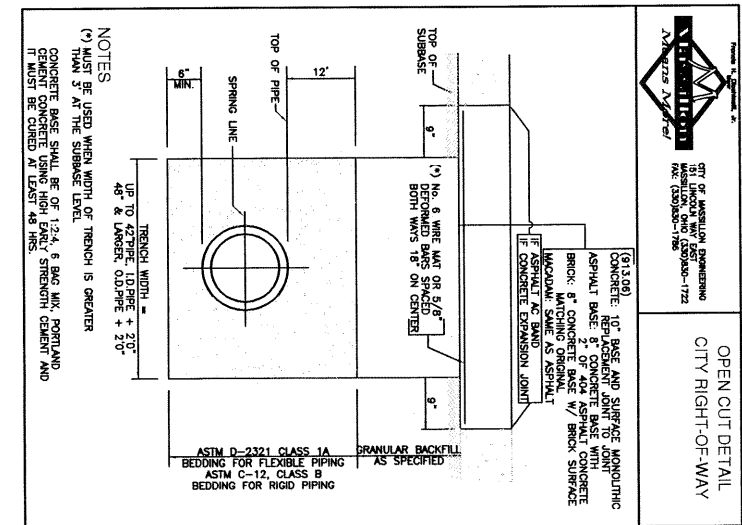
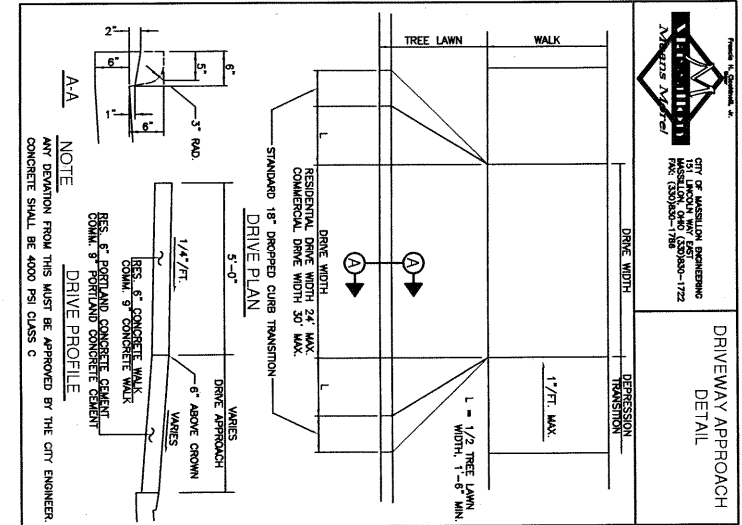
EXISTING STRUCTURES, GRADES, PIPING, ETC., ARE INDICATED IN APPROXIMATE LOCATION ON THE PLAN. INFORMATION SHOWN IS NOT GUARANTEED TO BE CORRELATED TO BE CORRELATE WITH THE DATA SHOWN IN THE FIELD BY THE CONTRACTOR. THE EXISTENCE OF FACILITIES ABOVE OR BELOW GROUND, WHICH MAY NOT BE COMPLETE, WILL NOT BE A BASIS FOR CLAIM FOR EXTRA WORK.

IT IS THE RESPONSIBILITY OF CONTRACTOR TO NOTIFY THE CITY, PRIOR TO BID OPENING NON-CONFORMING OR CONFLICTING INFORMATION

CONSTRUCTION SHALL MEET OR EXCEED THE LATEST EDITION OF THE OHIO DEPARTMENT OF TRANSPORTATION AND STANDARDS, THE LATEST EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION AND MATERIAL SPECIFICATIONS AND FOLLOW ALL OSHA AND ADA REGULATIONS AND REQUIREMENTS

ALL DRIVEWAYS ARE TO HAVE A 1½" CURB CUT AT STREET EDGE. SEE SECTION A-A "CITY OF MASSILLON DRIVEWAY APPROACH DETAILS" ADJACENT.

ALL STORM INLEST INDICATED ON THE PLAN AS YARD BASINS ARE TO BE COMPLY WITH ODOT 2-2-2-B REQUIREMENTS



## PRESERVATION OF PRIVATE PROPERTY

THE CONTRACTOR SHALL PERFORM WORK AS TO NOT DISTURB, DAMAGE OR DESTROY ANY TELEPHONE OR POWER POLES, SIGNS, LANDSCAPING ITEMS, ETC., ANY ITEM DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE ANY ITEM DISTURBED OR IN CONTACT WITH THE WORK TO BE PERFORMED SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE. PRIOR ENGINEER APPROVAL IS REQUIRED BEFORE ANY OF THE ABOVE ITEMS ARE PERFORMED.

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS ANY TYPE OF LAND MONUMENT HE SHALL HAVE ALL LAND MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. HE SHALL REPLACE DESTROYED OR DAMAGED MONUMENTS AND SHALL FURNISH A CERTIFICATION BY CHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.

## MAINTENANCE OF TRAFFIC

MAINTENANCE OF TRAFFIC PLAN MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO ANY CONSTRUCTION COMMENCING

ANY EXISTING WATER LINE, SANITARY SEWER, STORM SEWER, GAS LINE OR OTHER UTILITY IN OR OUTSIDE OF THE CONSTRUCTION LIMITS, DAMAGED DURING THE CONSTRUCTION OF THE PROPOSED PROJECT, WILL BE REPLACED AT THAT CONTRACTORS EXPENSE.

CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND UPON COMPLETION OF PROJECT AS-BUILT DRAWING ARE REQUIRED

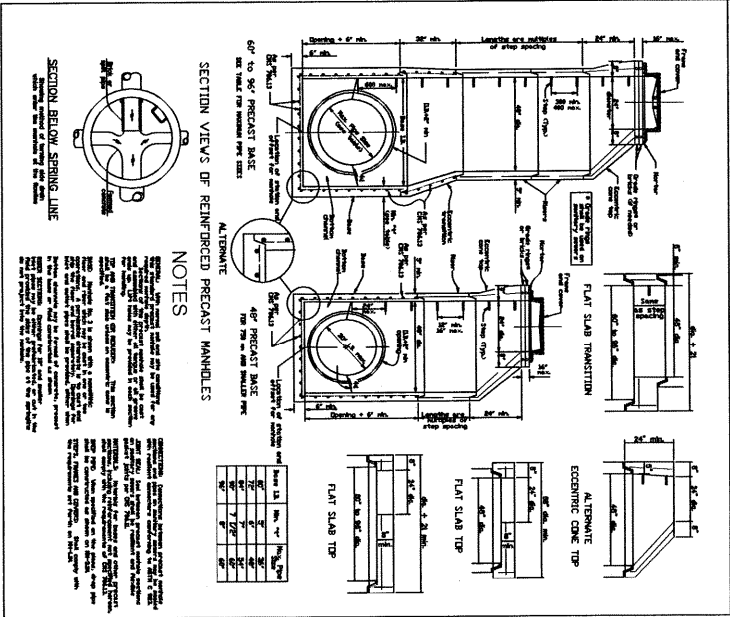
THIS WORK IS TO BE UNDER ITEM 623 CONSTRUCTION STAKING

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS BID. PROSPECTIVE BIDDERS ARE TO COORDINATE WITH THE OWNER FOR ACCESS TO THE SITE FOR INSPECTIONS AND EXPLORATORY EXCAVATION. THE BIDDER SHALL CONTACT THE OWNER AT LEAST 72 HOURS IN ADVANCE OF THE DESIRED INSPECT OR EXCAVATION THE BIDDER SHALL O.U.P.S. AND OBTAIN LOCATIONS OF OTHER UTILITIES.

QUANTITIES ARE INDICATED FOR COMPARISON OF BIDS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES BEFORE ORDERING MATERIALS. VARIATIONS FROM THE PLAN QUANTITIES SHALL BE APPROVED BY THE ENGINEER OR OWNER BEFORE MATERIALS ORDERS ARE PLACE. MATERIALS REJECTED DUE TO INCOMPATIBILITY BETWEEN ORDERED QUANTITIES AND FIELD CONDITIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

**Massillon**

CITY OF MASSILLON ENGINEERING  
151 LINCOLN WAY EAST  
MASSILLON, OHIO (330)830-1722  
FAX: (330)830-1786



## CEC PRECAST MANHOLE

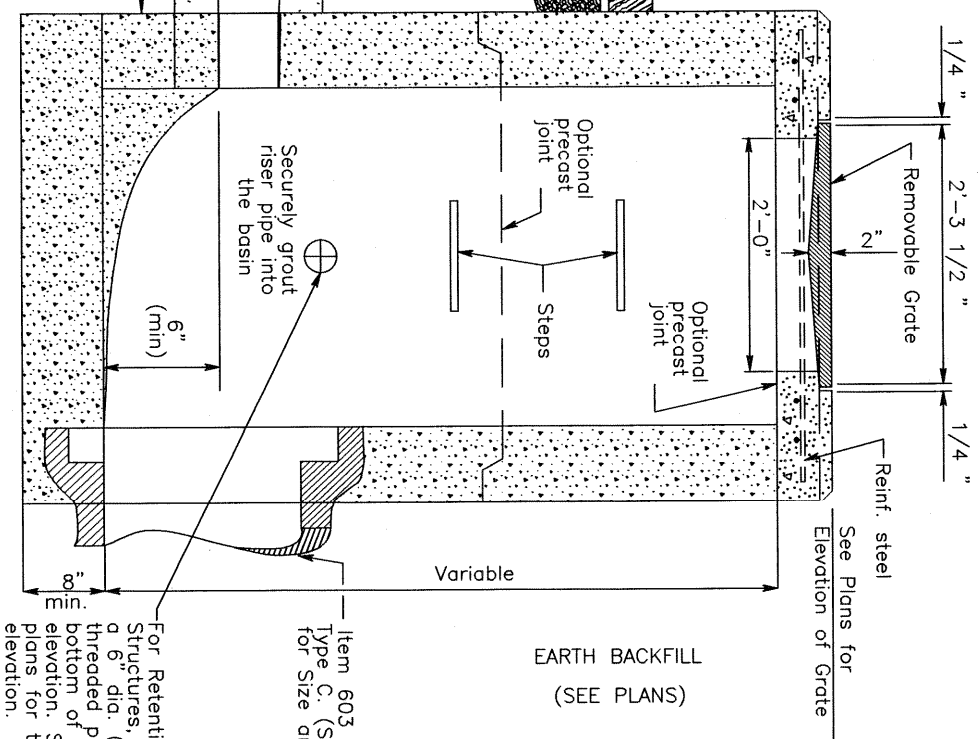
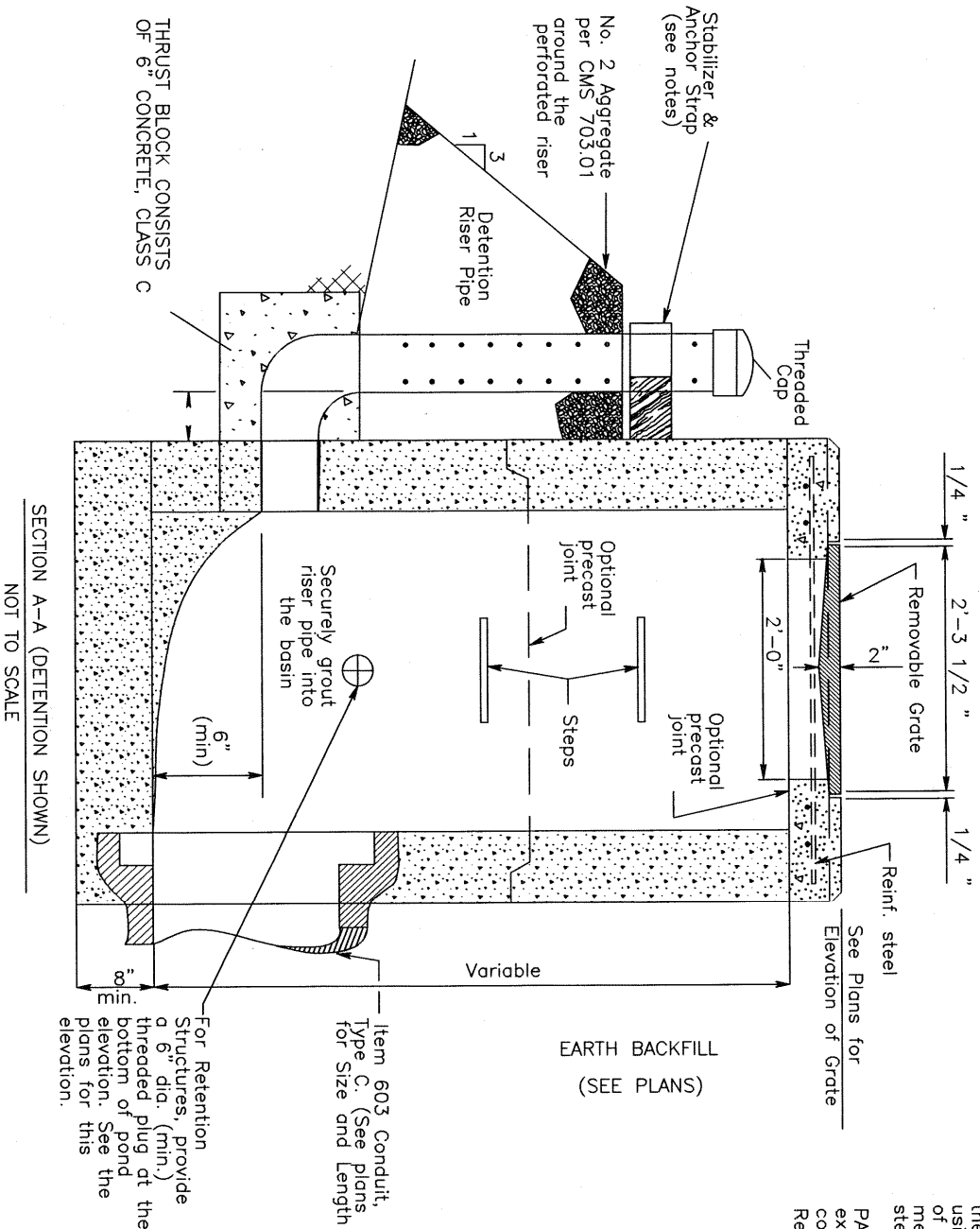
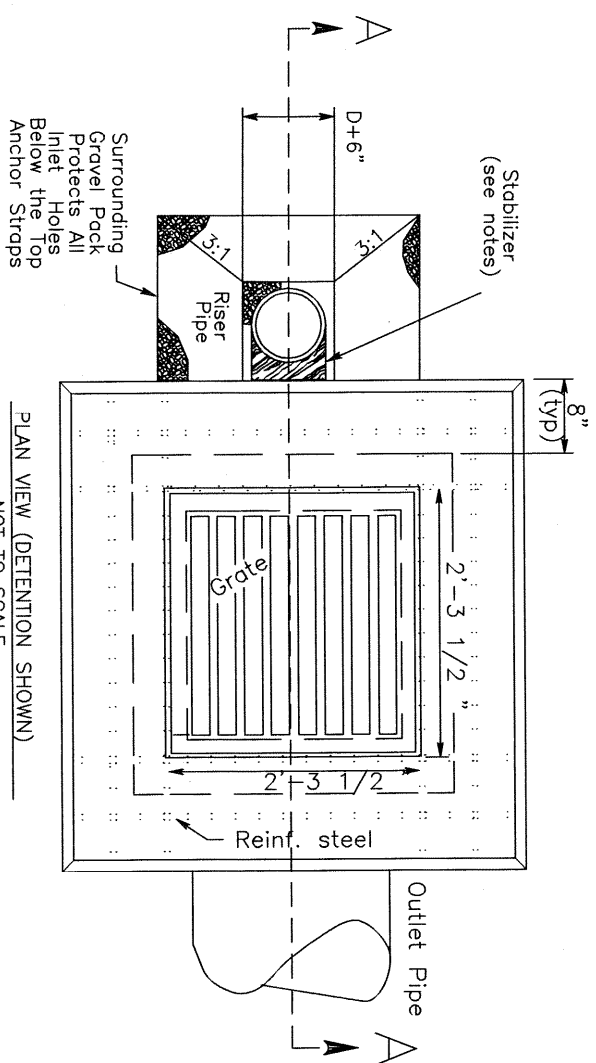
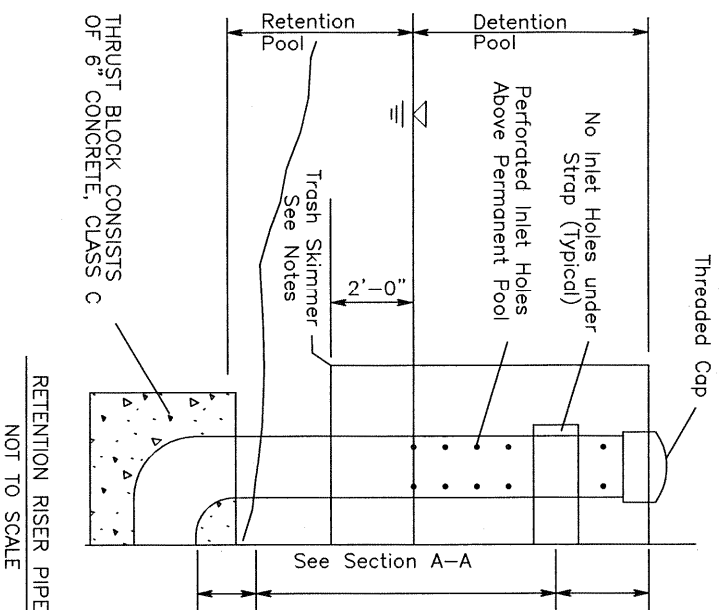
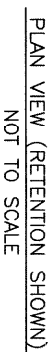
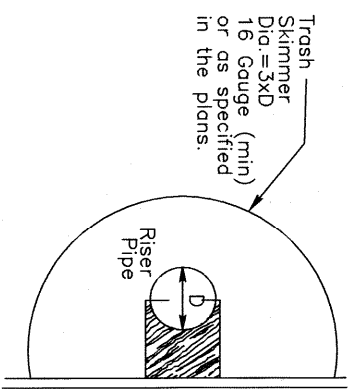
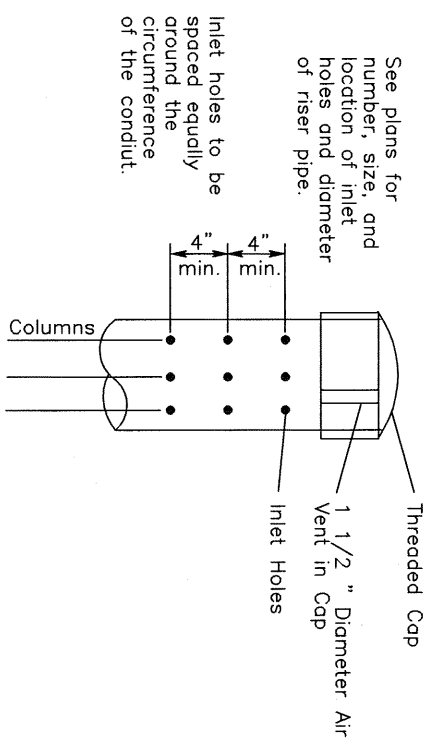
[illegible][illegible]

**DETAIL B**

- [illegible]

**SURFACE TEXTURE.** Texture of concrete surfaces shall be obtained by casting brooming transverse to the ramp slopes and shall be coarser than the adjacent walls.

- [illegible]



NOTES

**LOCATION AND ELEVATION:** When given on the plans, the location and the elevation are at the top center of the grate. The office holes should be placed at the elevations as shown on the plans.

**BASIN MATERIALS:** The basin dimensions, materials, and grate to be per CB-1.2 except as detailed herein. Side inlet windows shall not be used.

All aggregate shown shall meet CMS 203.02.H, NATURAL GRANULAR MATERIALS and specified gradations.

**RISER PIPE:** Use schedule 40 Polyvinyl Chloride Conduit. Perforations shall be only as detailed in the plans.

**TRASH SKIMMER:** Use trash skimmer screens to protect the perforated riser. It must extend from the top of the riser to 2' below the permanent pool level and be open at the top and bottom. The radius of the trash skimmer shall be 3 times the diameter of the riser pipe or as shown on the plans. Trash skimmer shall be stainless steel or galvanized steel per CMS 711.02. Maximum perforation size shall be 2 inches. Securely fasten trash skimmer to the basin using hardware galvanized per CMS 711.02.

**STABILIZER AND ANCHOR STRAP:** Securely fasten the riser pipe to the basin in the vertical position using a stabilizer and anchor strap that consists of a universal clamp or a strap and a block. All metal components shall be galvanized or stainless steel. All other materials shall be rot resistant.

**PAYMENT:** All materials and labor, including excavation and backfill, shall be paid for at the contract price for Item 604 – Water Quality Basin, Retention (Detention)

| MAXIMUM NUMBER OF PERFORATED COLUMNS |                       |      |      |    |  |
|--------------------------------------|-----------------------|------|------|----|--|
| RISER<br>DIAMETER<br>(in.)           | HOLE DIAMETER, INCHES |      |      |    |  |
|                                      | 1/4"                  | 1/2" | 3/4" | 1" |  |
| 4                                    | 8                     | 8    | --   | -- |  |
| 6                                    | 12                    | 12   | 9    |    |  |
| 8                                    | 16                    | 16   | 12   | 8  |  |
| 10                                   | 20                    | 20   | 14   | 10 |  |
| 12                                   | 24                    | 24   | 18   | 12 |  |