

WEST

M.H. TOP 37.3 FL. 26.6

24" COMBINED SEWER

MINERAL

ST.

150'

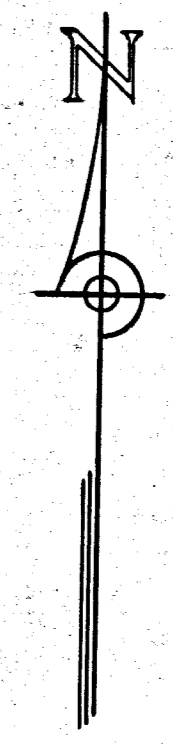
90'±

Present Curb Line

Existing Concrete Walk

Limits of Contract Area

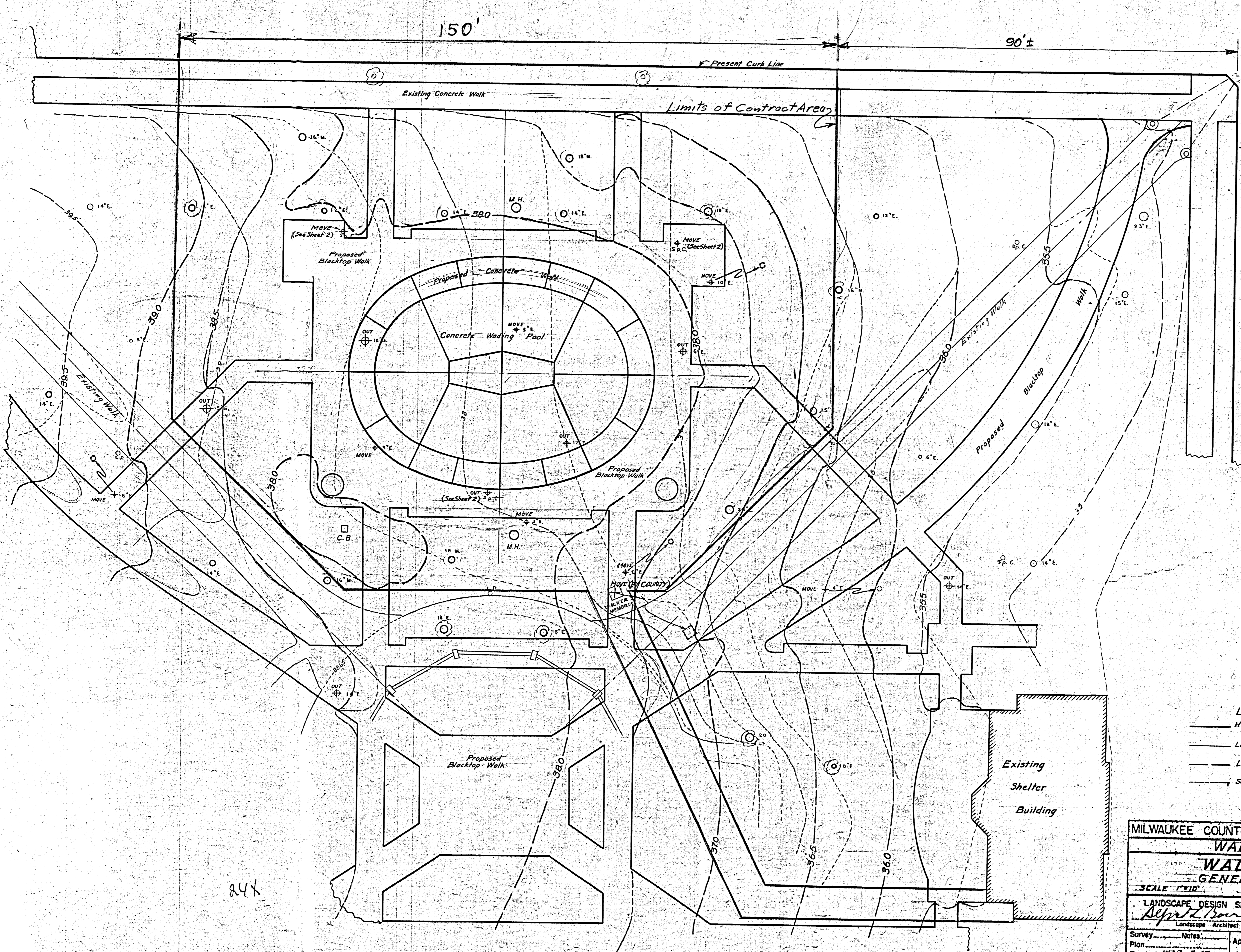
SOUTH 476 HINDS



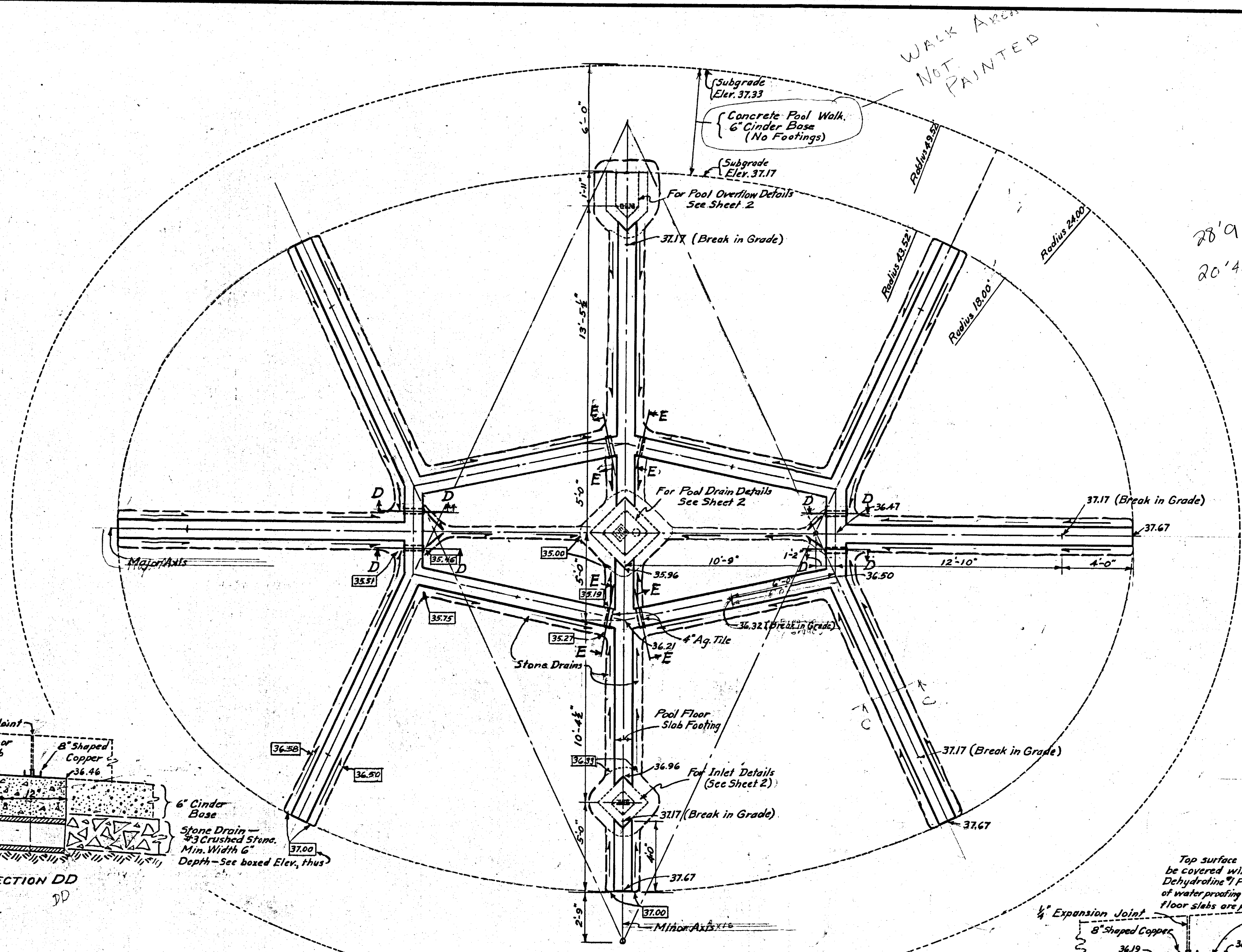
- LEGEND**
- Heavy Solid Lines indicate Proposed Features, or Existing Features which will remain.
  - Light Solid Lines indicate Existing Features which will be removed.
  - Long Dashed Lines are Contour Lines indicating Proposed Grades, or Existing Grades which will remain.
  - Short Dashed Lines are Contour Lines indicating Existing Grades which will be changed.

MILWAUKEE COUNTY REGIONAL PLANNING DEPARTMENT	
WALKER SQUARE	
WADING POOL	
GENERAL GRADING PLAN	
SCALE 1"=10' MAR. 1949	
LANDSCAPE DESIGN SECTION <i>Deport Barrow</i> Landscape Architect	ENGINEERING DESIGN SECTION <i>Ray Schreiner</i> Principal Assistant Engineer
Survey Notes	Approved: <i>W. Brown</i> Date 1/20/49 Supervising Engineer & Planning Director
Plan	Approved: _____ Date _____ Highway Commissioner & Planning Engineer
Tracing W.A.R. E.J.E.	Checked _____

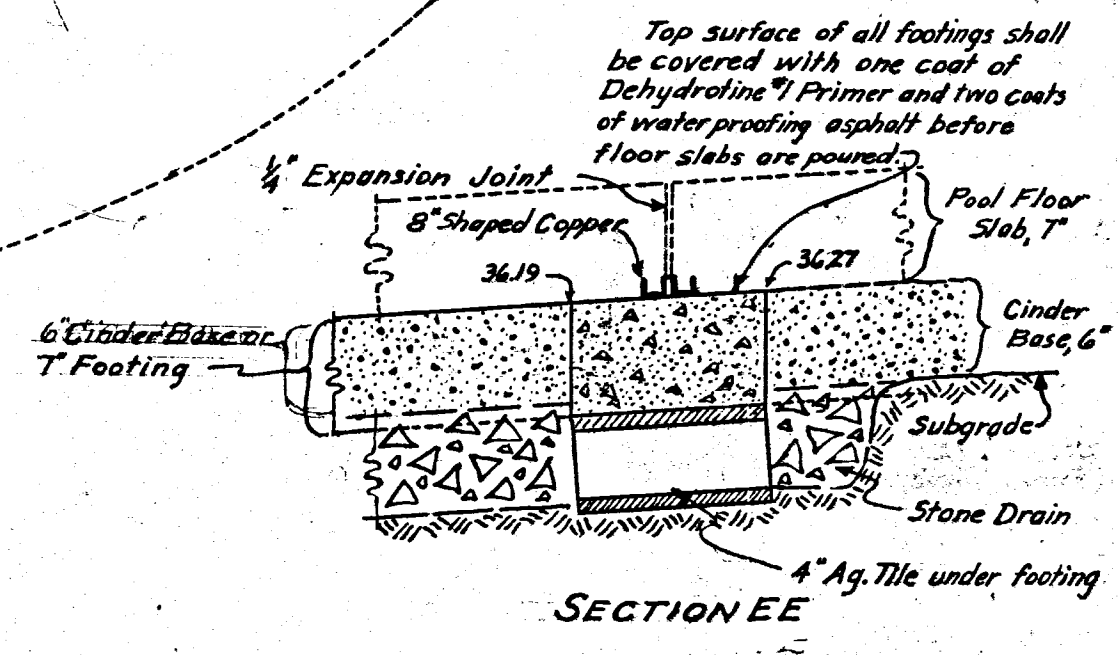
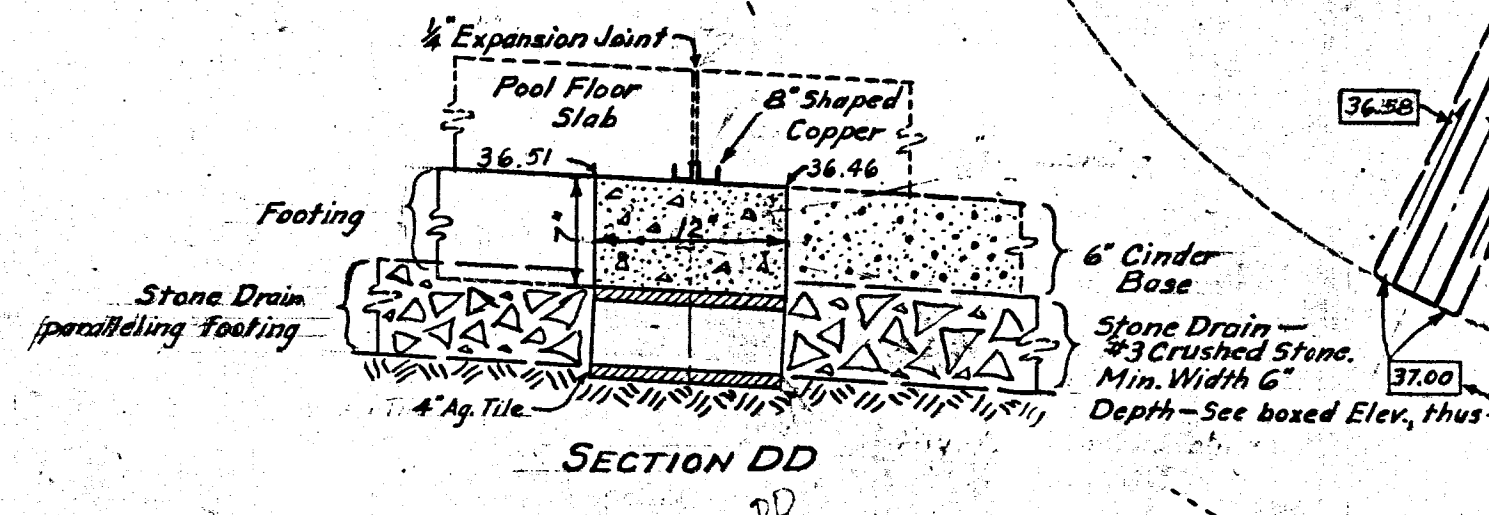
24X







28'9" Major Axis  
20'4.5" Minor Axis



**BILL OF BARS**

Number Required	Size	Length	Location (Slab Number)
8	3/8"	3'-6"	5, 6
4		4'-0"	3
10		4'-9"	3, 4, 5, 6
6		5'-3"	4, 5
198		5'-6"	1, 2, 5
8		6'-0"	4, 5, 6
2		6'-6"	5
10		6'-9"	4, 5
2		7'-3"	5
2		7'-6"	5
6		8'-0"	4, 5
4		8'-3"	4
2		8'-6"	5
18		9'-0"	1, 3, 4, 5, 6
8		9'-3"	1
14		9'-6"	1, 3, 4
12		9'-9"	1, 4
12		10'-0"	1, 3, 6
20		10'-3"	1, 2, 5
8		10'-6"	4, 5
8		10'-9"	2
4		11'-0"	4
12		11'-3"	2, 4
4		11'-6"	5
20		11'-9"	2, 3, 4, 5, 6
2		12'-0"	6
8		12'-3"	3, 4, 6
12		12'-6"	3, 4, 6
4		12'-9"	3, 6
20		13'-3"	2, 3, 4, 6
8		13'-6"	3, 4, 6
4		13'-9"	3, 6
8		14'-0"	3, 4, 6
4		14'-3"	4
4		14'-6"	3, 6
8		14'-9"	3, 4, 6
12		15'-0"	3, 4, 6
20		15'-3"	3, 4, 6
36		15'-6"	3, 4, 6
8		15'-9"	3, 4, 6
10		16'-3"	4, 6
6		16'-6"	3, 4
4		16'-9"	3, 6
4		17'-0"	6
6		17'-3"	3, 4
2		17'-6"	6
4		17'-9"	3, 6
2		18'-3"	3
2		18'-6"	3
4	3/8"	20'-0"	3

274 1/2" Dowels 2'-0" long with 12" sleeves

**FOOTING PLAN  
UNDERDRAIN SYSTEM**

**LEGEND**  
 37.67 - Elev. Without Box - Top of footing at center  
 37.00 - Elev. in Box - Flowline of Stone Drains  
 Single Barbed Arrow - Pitch of Stone Drains

A pool = from ACAD 1,840 SF  
 A deck = from ACAD 2,886 - 1,840 = 1,046 SF

24X

**MILWAUKEE COUNTY REGIONAL PLANNING DEPARTMENT**

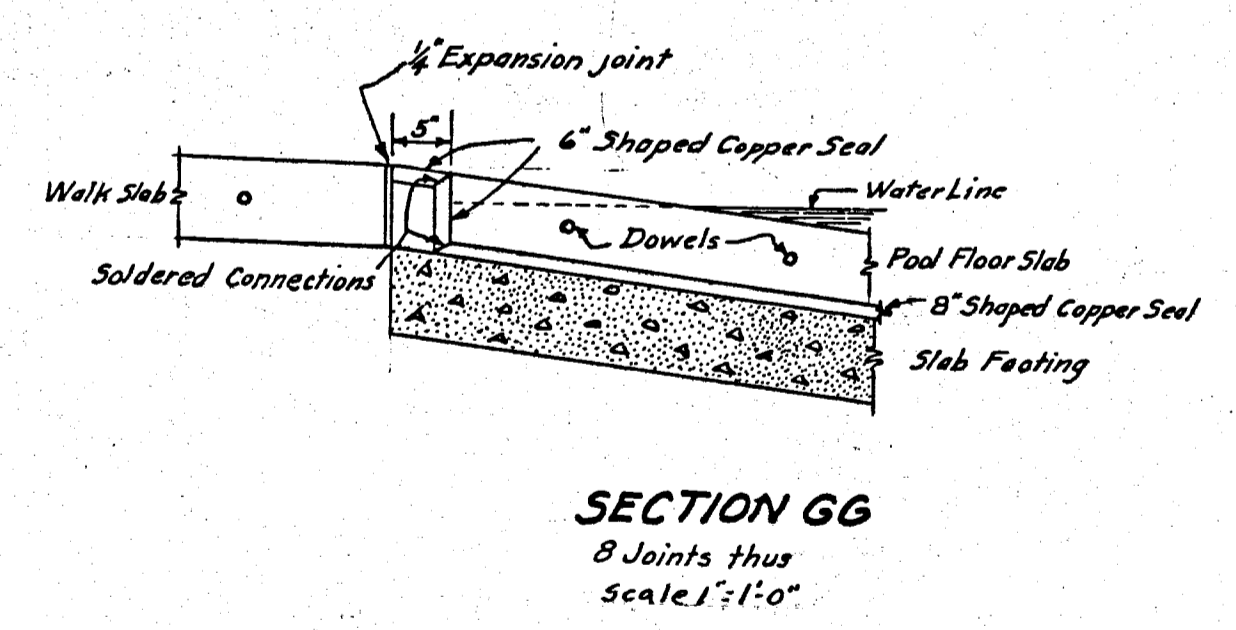
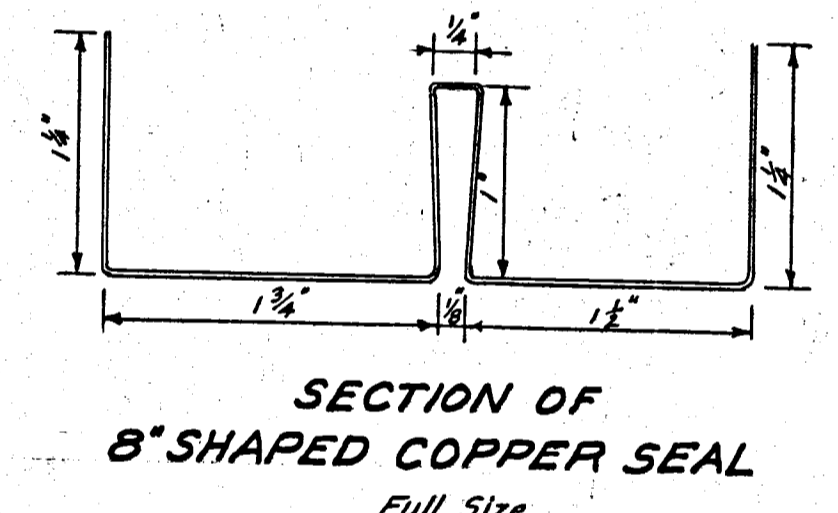
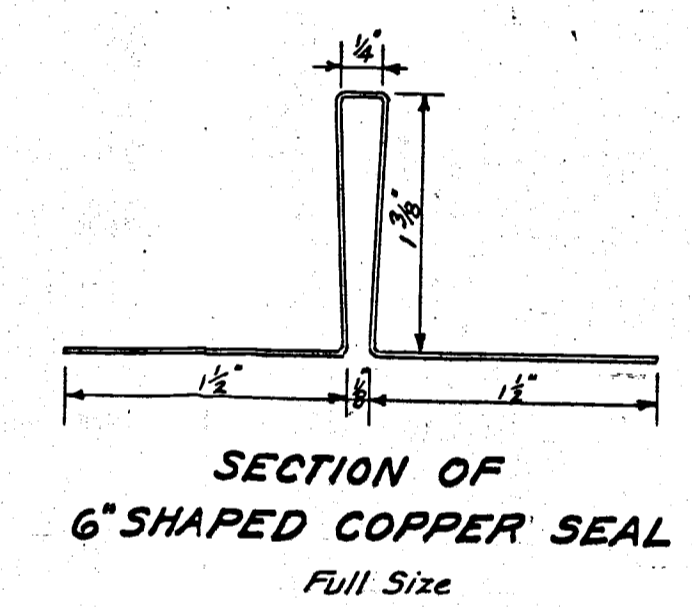
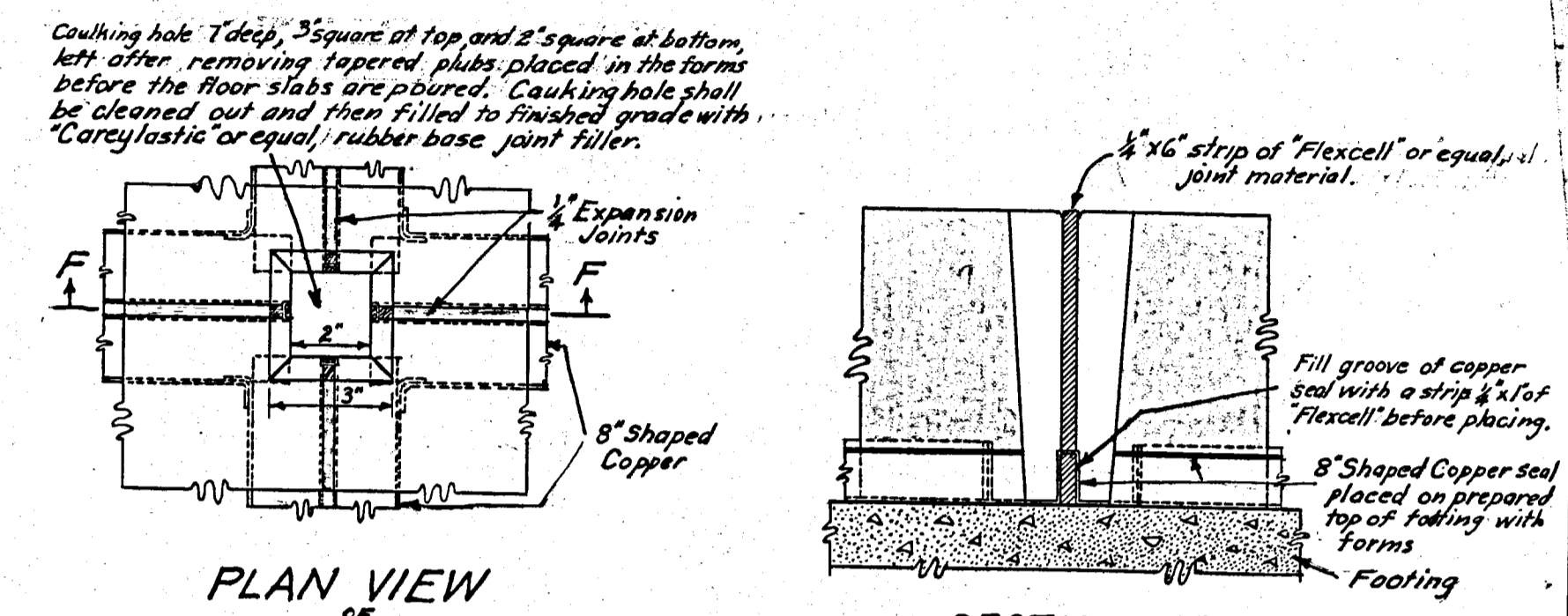
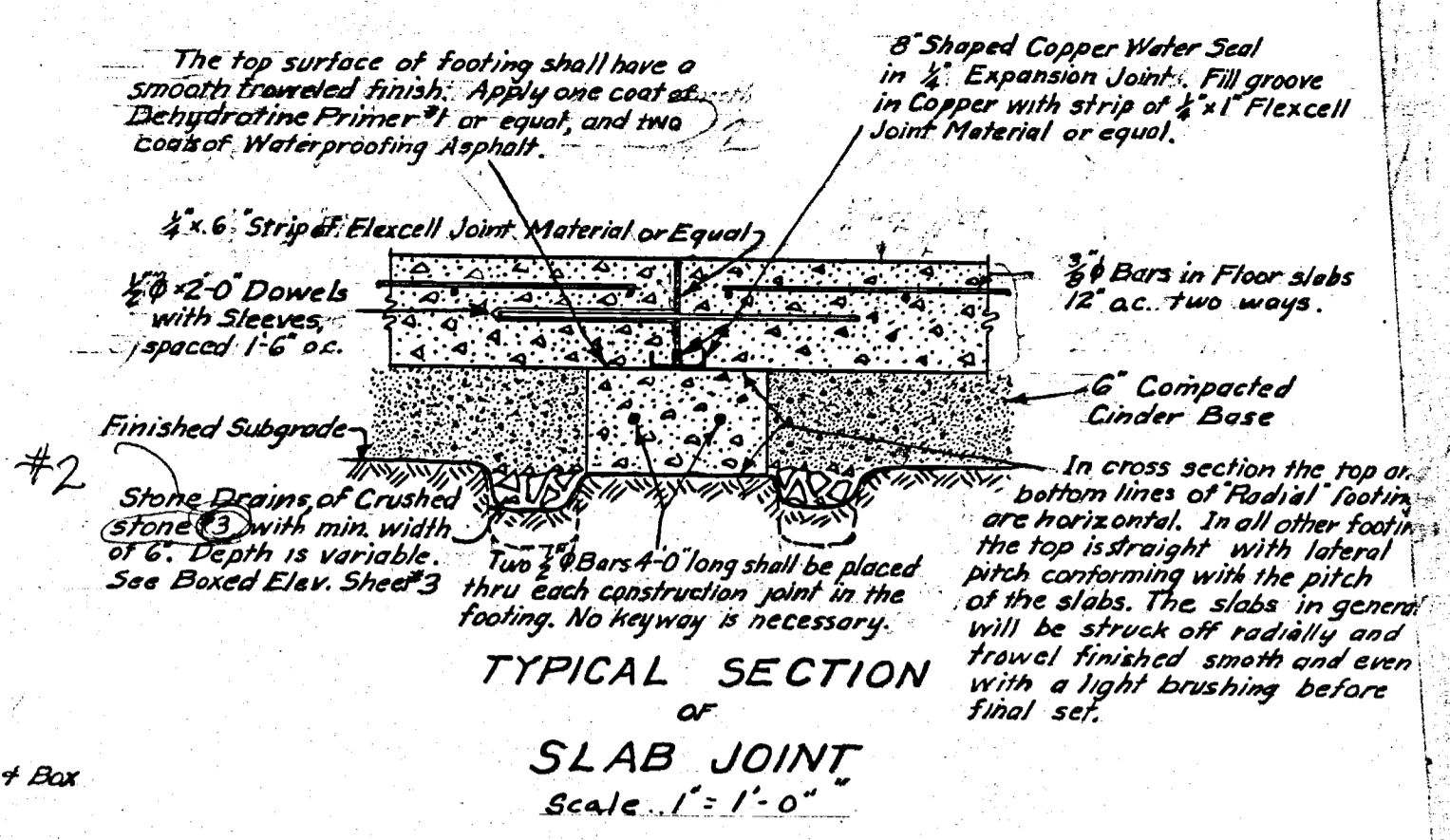
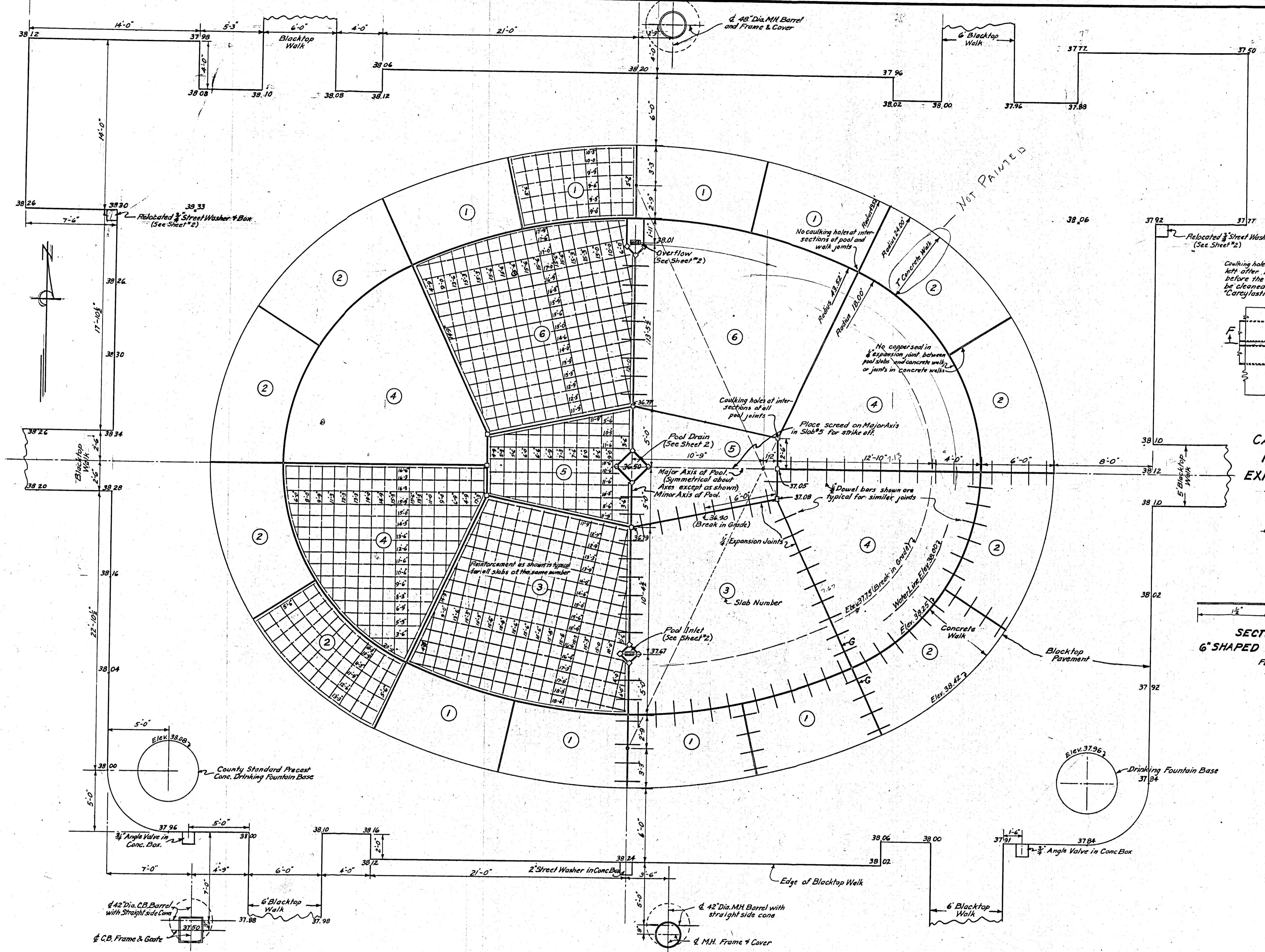
**WALKER SQUARE**

**WADING POOL  
FOOTINGS AND UNDERDRAINS**

SCALE 1/4" = 1'-0" MAR 1949

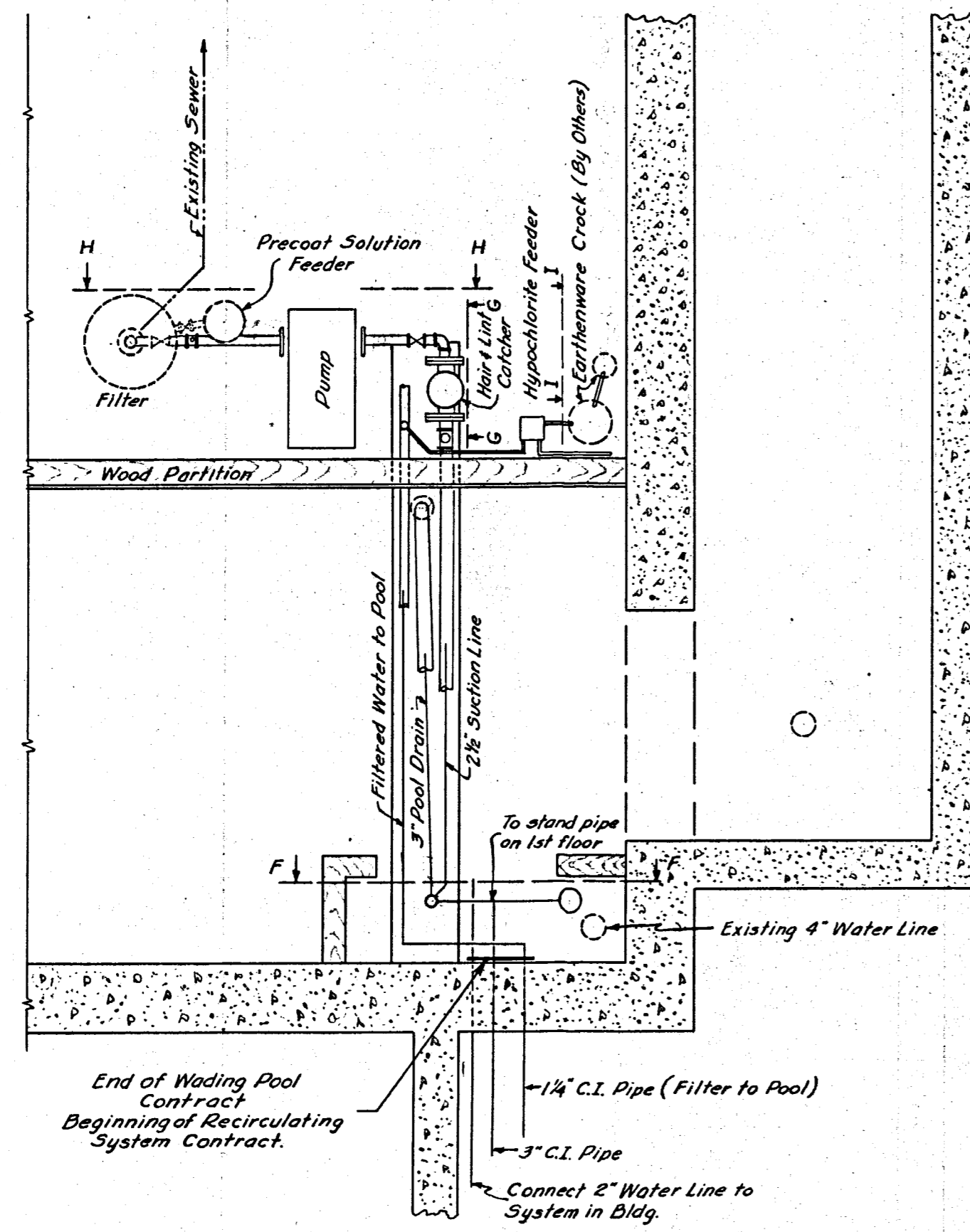
LANDSCAPE DESIGN SECTION <i>Rept. L. Brown</i> LANDSCAPE ARCHITECT	ENGINEERING DESIGN SECTION <i>Roy A. Behrens</i> LICENSED CIVIL ENGINEER
SURVEY NOTES PLAN EJE TRACING EJE CHECKED	APPROVED: <i>Ed. Howard</i> SUPERVISING ENGINEER DATE 7/24/48

SHEET 3 OF 5 SHEETS FILE TRACING P15-1-2  
PRINT

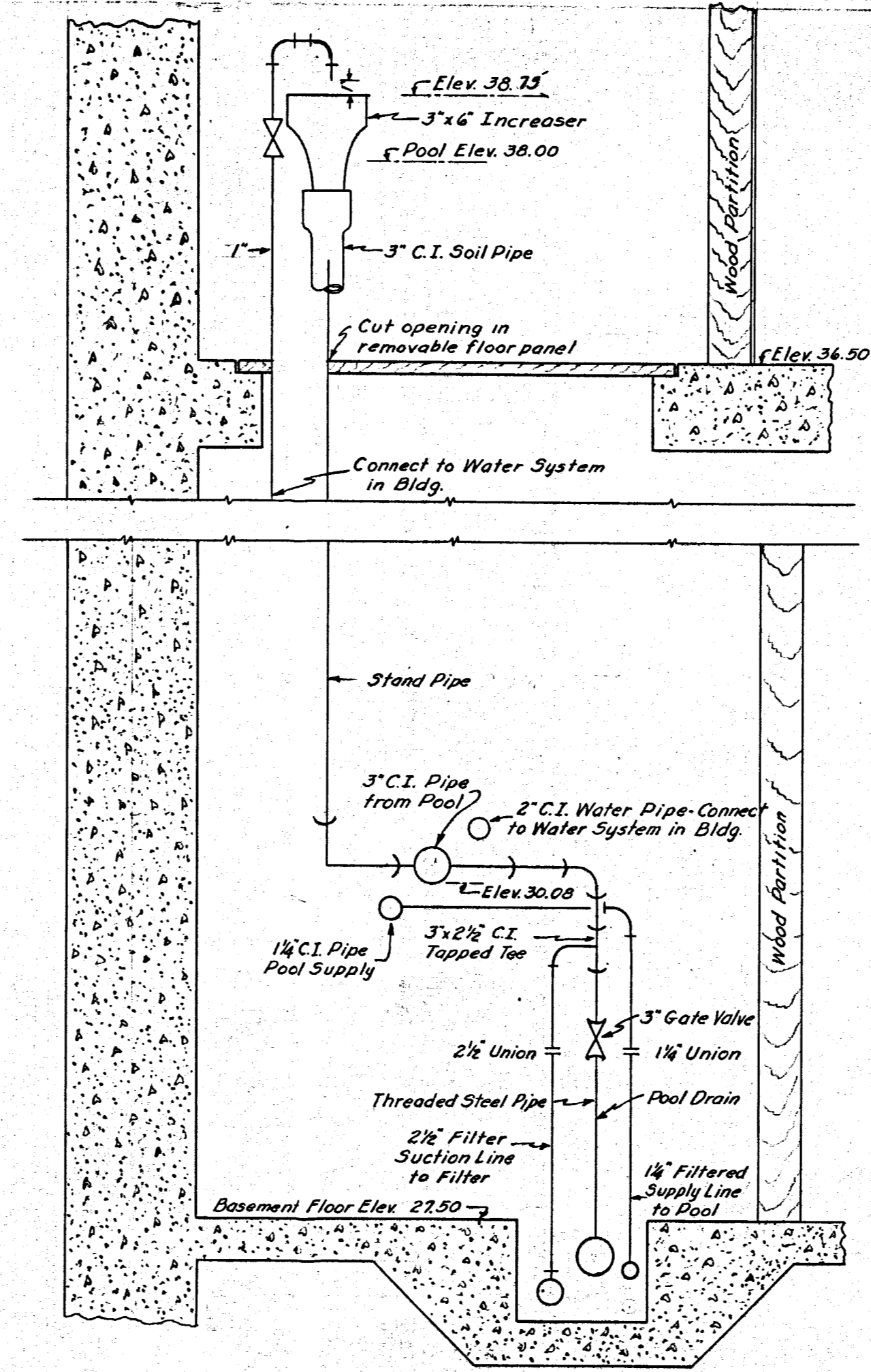


Scale 1/4" = 1'-0"

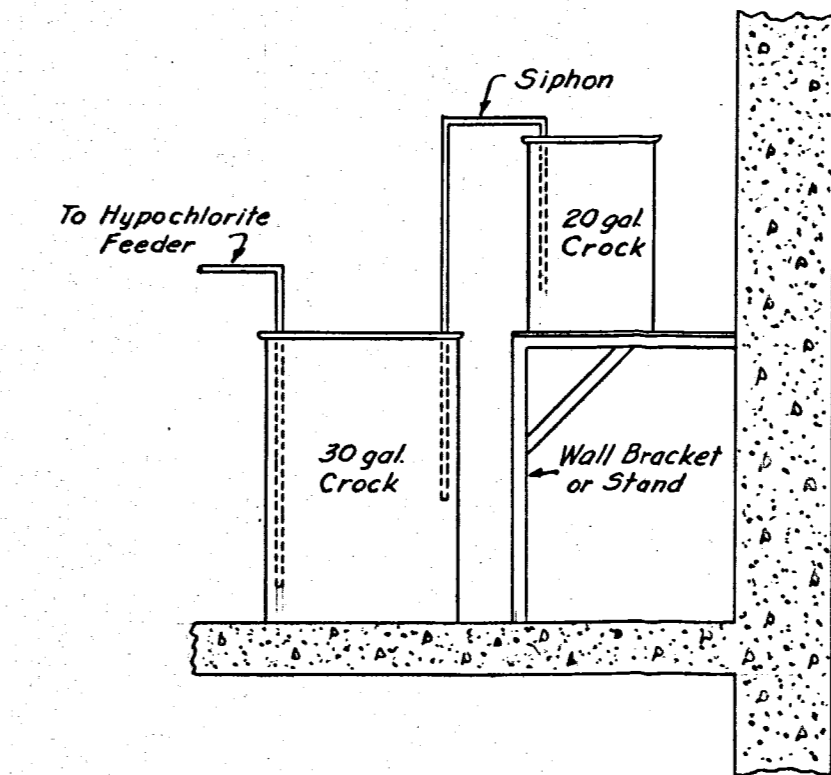
<b>MILWAUKEE COUNTY REGIONAL PLANNING DEPARTMENT</b>	
<b>WALKER SQUARE</b>	
<b>WADING POOL</b>	
<b>SLAB AND WALK DETAILS</b>	
SCALE 1/4" = 1'-0"	MAR 1949
LANDSCAPE DESIGN SECTION <i>Alfred Boerner</i> LANDSCAPE ARCHITECT	ENGINEERING DESIGN SECTION <i>Ray G. Behrens</i> CIVIL ENGINEER
SURVEY NOTES	APPROVED: <i>W. H. ...</i> DATE 7/24
PLAN E.J.E.	TRACING E.J.E.
CHECKED:	APPROVED: HIGHWAY COMMISSIONER AND PLANNING ENGINEER DATE



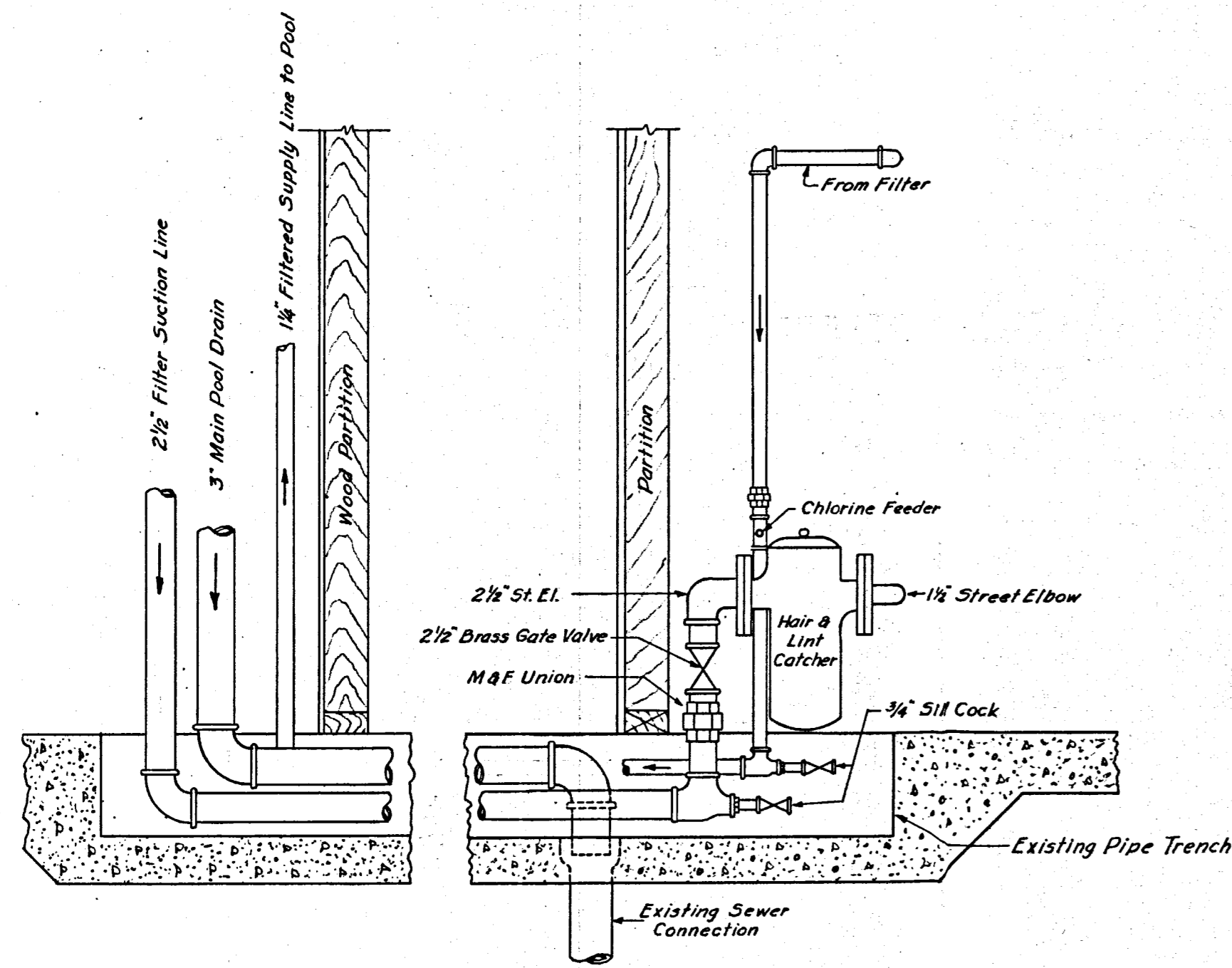
**PLAN DETAIL**  
SCALE: 1/2" = 1'-0"



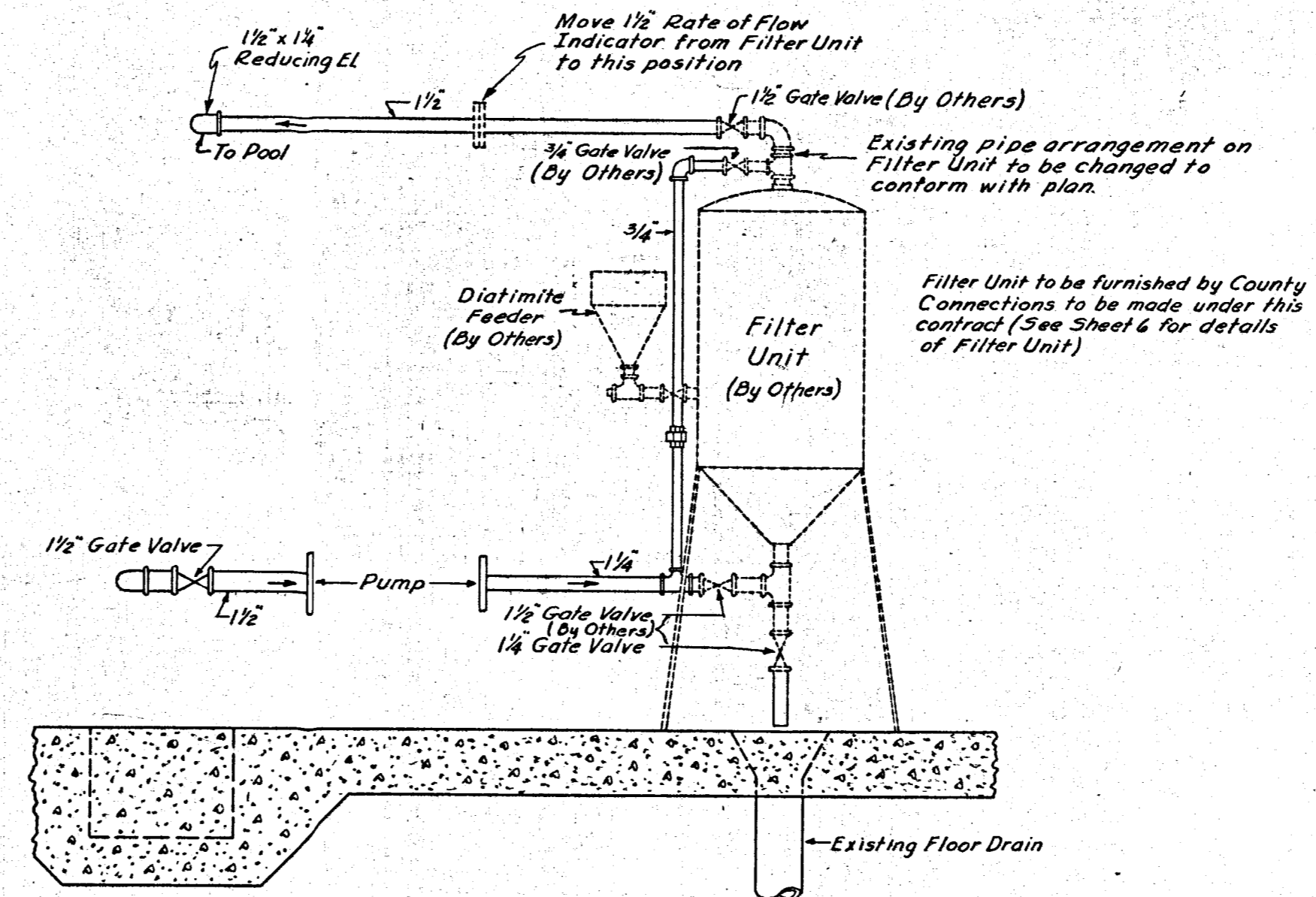
**SECTION F-F**  
SCALE: 1" = 1'-0"



**SECTION I-I**  
(By Others)



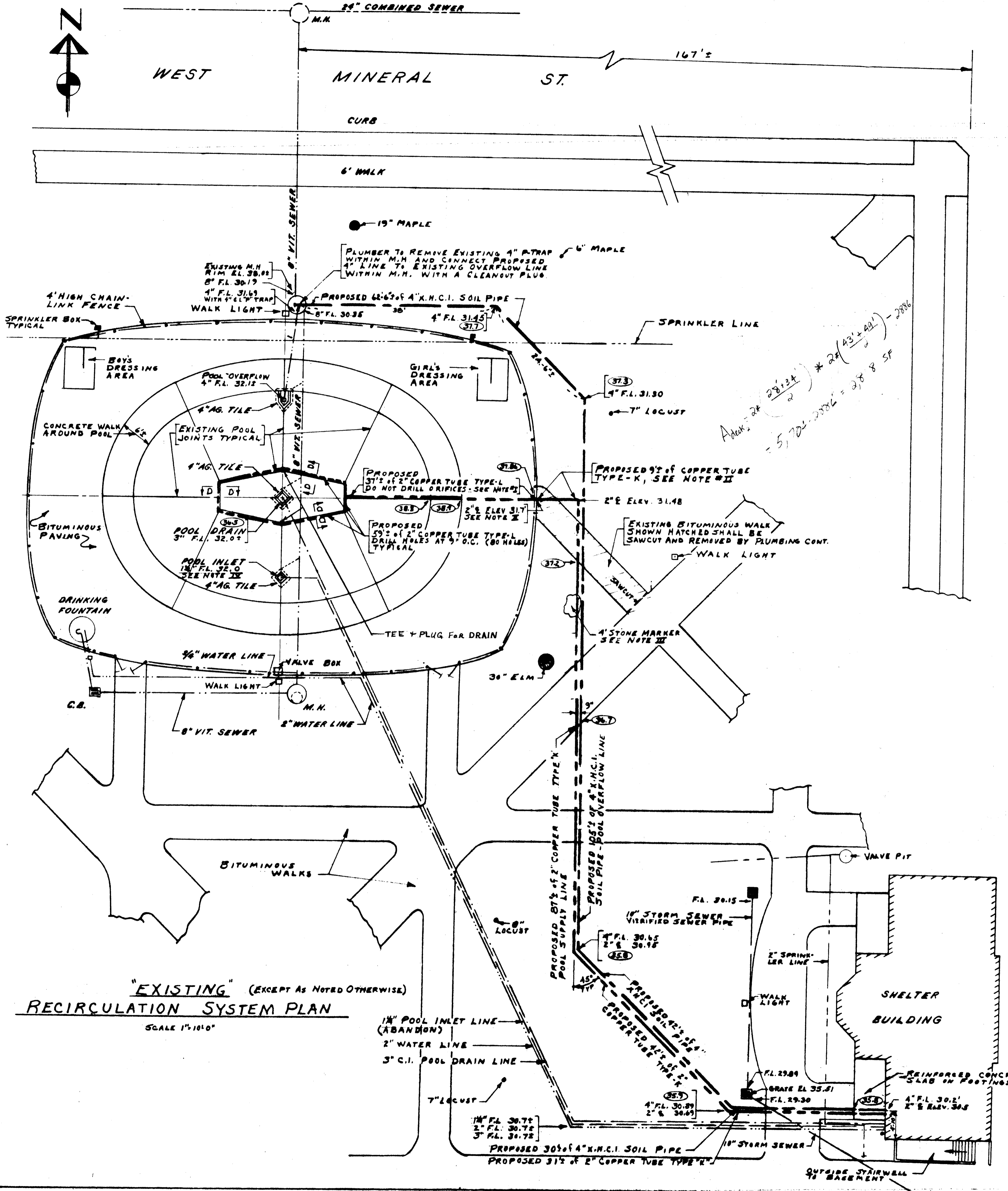
**SECTION G-G**  
SCALE: 1" = 1'-0"



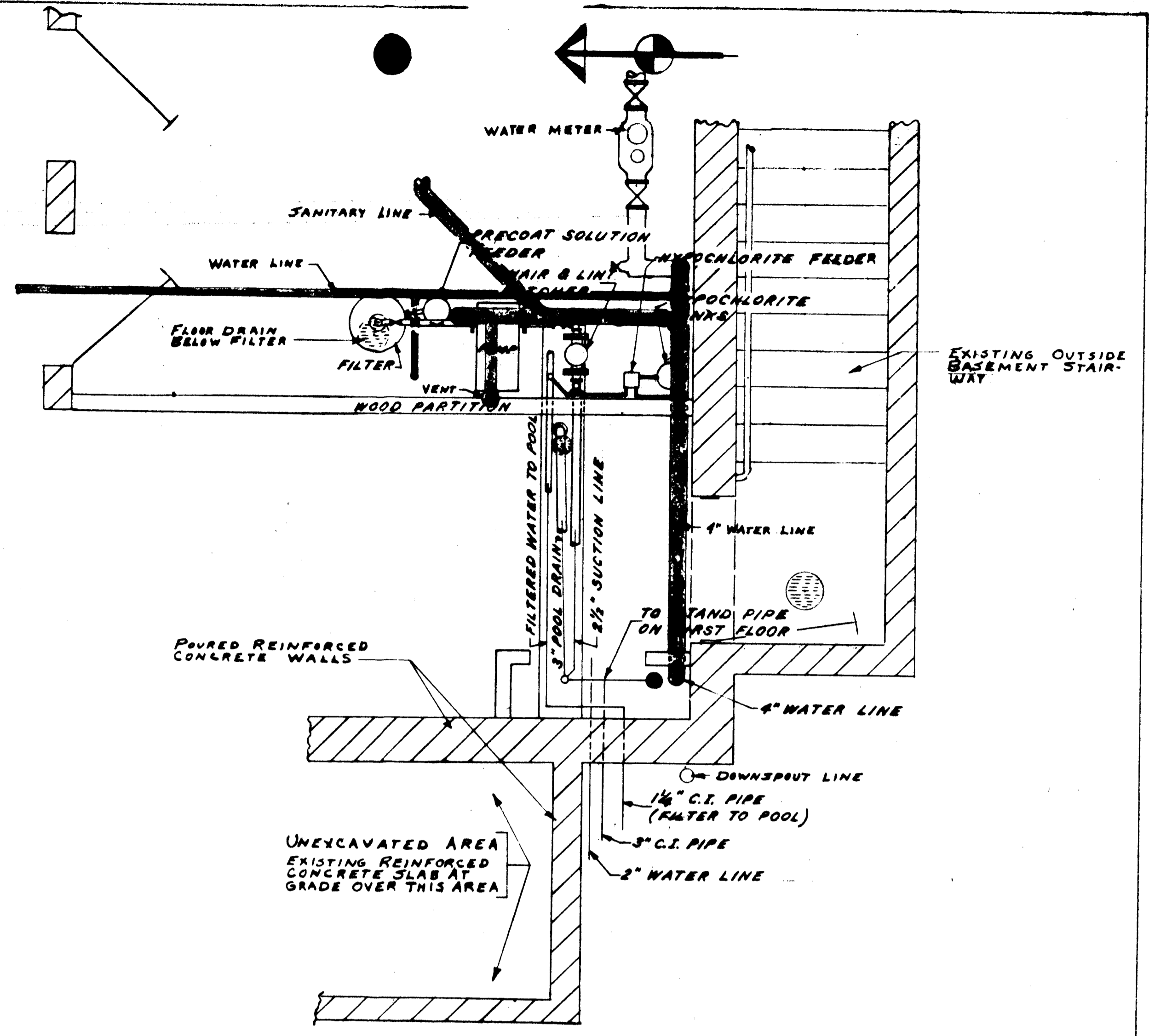
**SECTION H-H**  
SCALE: 1" = 1'-0"

MILWAUKEE COUNTY REGIONAL PLANNING DEPARTMENT	
<b>WALKER SQUARE WADING POOL</b>	
<b>RECIRCULATING SYSTEM</b>	
LANDSCAPE DESIGN SECTION SCALE AS SHOWN	ENGINEERING DESIGN SECTION MARCH 1949
Landscape Architect	Principal Assistant Engineer
Survey Notes	Approved: <i>[Signature]</i>
Plan	Supervising Engineer & Planning Director
Tracing <i>E.J.E.</i>	Approved: <i>[Signature]</i> Date 3/22/49
Checked	Highway Commissioner & Planning Engineer
SHEET 5 OF 5 SHEETS FILE Tracing P15-1-2	

24X



**"EXISTING" (EXCEPT AS NOTED OTHERWISE)**  
**RECIRCULATION SYSTEM PLAN**  
 SCALE 1/4"=10'-0"



**"EXISTING"**  
**POOL EQUIPMENT ROOM**  
 SCALE 1/4"=1'-0"

**NOTES**

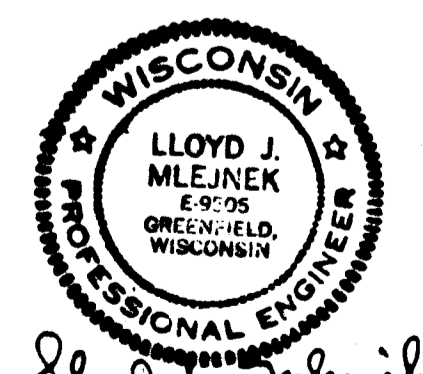
- #I SAWCUT POOL SLAB ALONG POOL JOINT AND BITUMINOUS DECK TO INSTALL PROPOSED COPPER TUBE FLUSH WITH SURFACE SIMILAR TO SECTION D-D SHOWN ON SHEET 2 OF 2, THEN FILL SPACE WITH KARNAK.
- #II INSTALL 3/2" OF 2" COPPER TUBE TYPE "K" UNDER GROUND AT ELEVATIONS SHOWN TO POOL FENCE LINE, THEN RISE UP TO BITUMINOUS POOL DECK AND CONNECT TO PROPOSED TYPE "L" COPPER IN REGLET AS DESCRIBED IN NOTE #I.
- #III EXISTING STONE MARKER SHALL BE SALVAGED AND RELOCATED 12" TO THE NORTHEAST NEXT TO SIDEWALK AS DIRECTED BY THE ENGINEER.
- #IV EXISTING 1/2" INLET PIPE SHALL BE PLUGGED NEAR POOL SURFACE WITH INLET FILLED WITH CONCRETE BY PLUMBER AS DIRECTED BY THE ENGINEER.

**LEGEND**

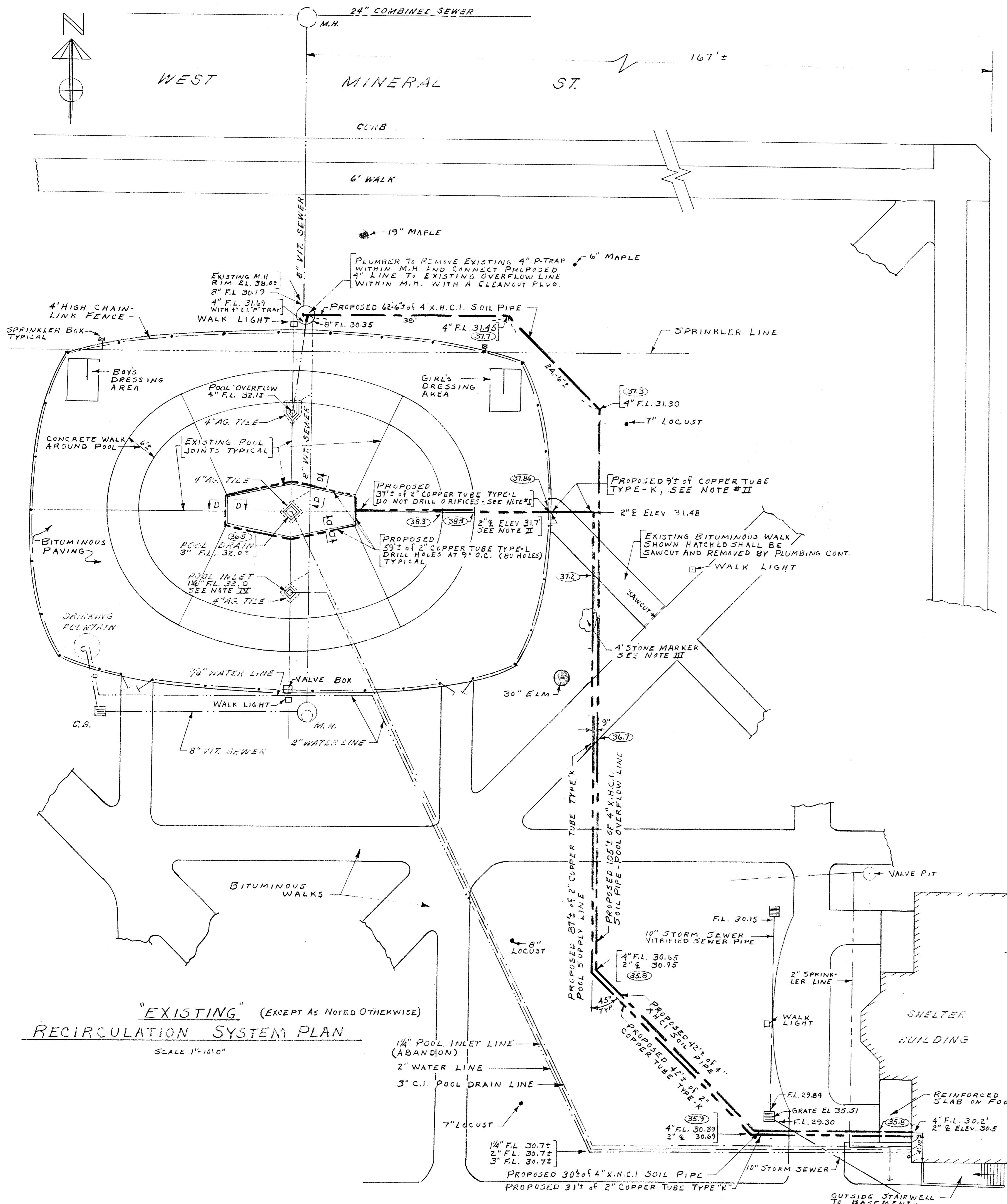
- EXISTING UTILITIES NEAR CEILING
- (60.2) --- EXISTING GRADE ELEVATIONS

**GENERAL NOTES**

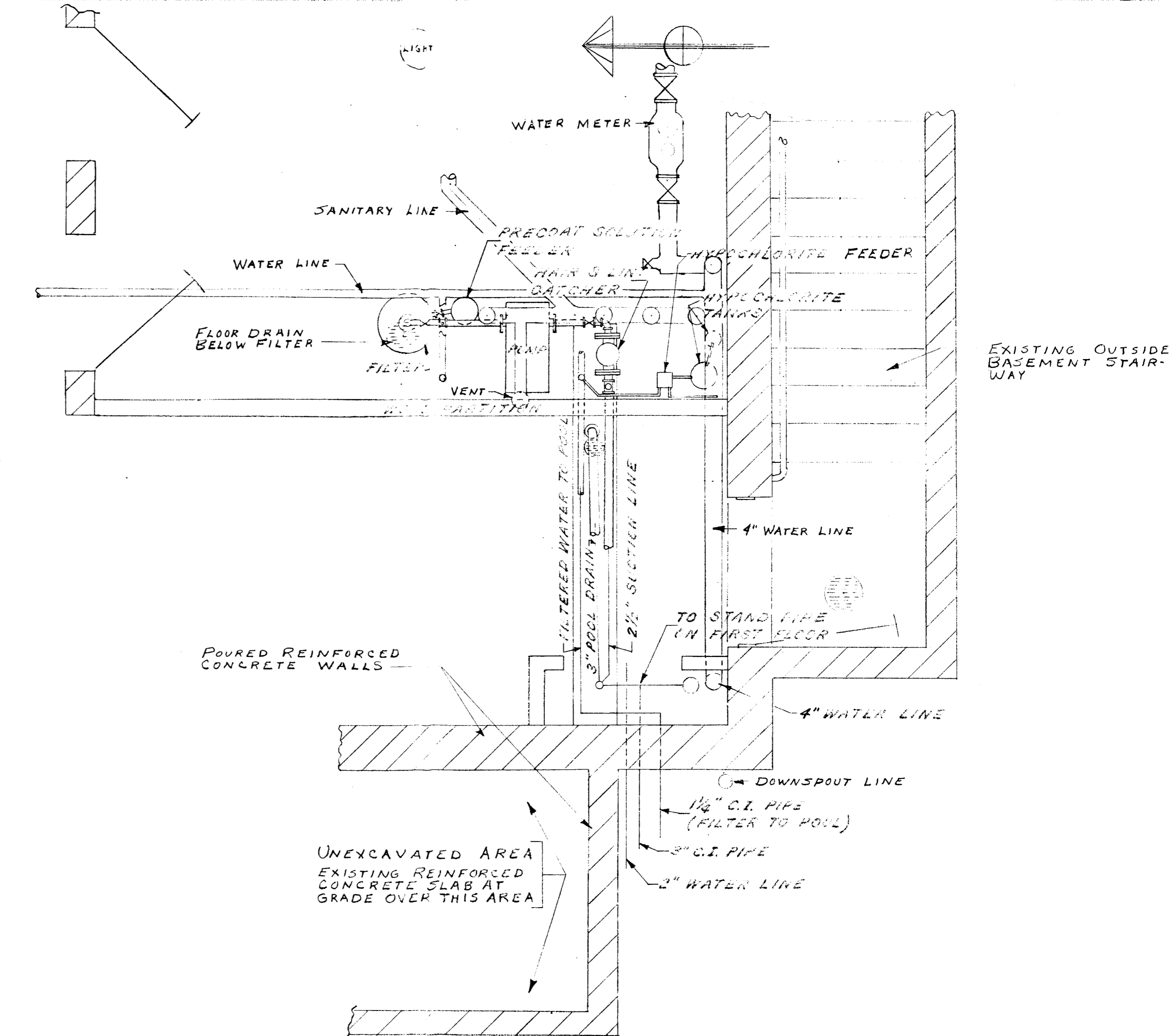
EXISTING WALK LIGHTS ARE SHOWN. CONTACT THE CITY OF MILWAUKEE BUREAU OF ELECTRICAL SERVICES, DON SOBIEZAK, PHONE 278-3251 FOR LOCATION OF UNDERGROUND WALK LIGHTING TABLE, THREE DAYS PRIOR TO ANY EXCAVATION



1	1/19/77	AS-BUILT	M/GS
NO.	DATE	REVISIONS	BY
<b>WALKER SQUARE WADING POOL RECIRCULATION LINES - FILTER ROOM</b>			
<b>MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURAL AND ENGINEERING DIVISION</b>			
APPROVED		DATE	
APPROVED	<i>[Signature]</i>	DATE	1/20/77
APPROVED	<i>[Signature]</i>	DATE	1/20/77
APPROVED	<i>[Signature]</i>	DATE	1/20/77
APPROVED	<i>[Signature]</i>	DATE	1/20/77
DESIGNED BY	DRW BY	CHECKED BY	DATE
NOTES	NOV. 1975	SHEET	1 OF 2
DATE		FILE NO.	P15-1-3



"EXISTING" (EXCEPT AS NOTED OTHERWISE)  
**RECIRCULATION SYSTEM PLAN**  
 SCALE 1"=10'0"



"EXISTING"  
**POOL EQUIPMENT ROOM**  
 SCALE 1/2"=1'0"

**NOTES**

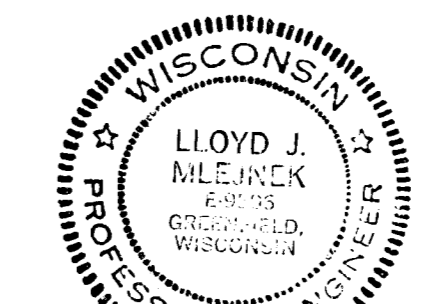
- #I SAWCUT POOL SLAB ALONG POOL JOINT AND BITUMINOUS DECK TO INSTALL PROPOSED COPPER TUBE FLUSH WITH SURFACE SIMILAR TO SECTION D-D SHOWN ON SHEET 2 OF 2. THEN FILL SPACE WITH KARNAK
- #II INSTALL 9" OF 2" COPPER TUBE TYPE "K" UNDER GROUND AT ELEVATIONS SHOWN TO POOL FENCE LINE, THEN RISE UP TO BITUMINOUS POOL DECK AND CONNECT TO PROPOSED TYPE "L" COPPER IN REGLET AS DESCRIBED IN NOTE #I.
- #III EXISTING STONE MARKER SHALL BE SALVAGED AND RELOCATED 12" TO THE NORTHEAST NEXT TO SIDEWALK AS DIRECTED BY THE ENGINEER.
- #IV EXISTING 1/4" INLET PIPE SHALL BE PLUGGED NEAR POOL SURFACE WITH INLET FILLED WITH CONCRETE BY PLUMBER AS DIRECTED BY THE ENGINEER.

**LEGEND**

- EXISTING UTILITIES NEAR CEILING
- 000 --- EXISTING GRADE ELEVATIONS

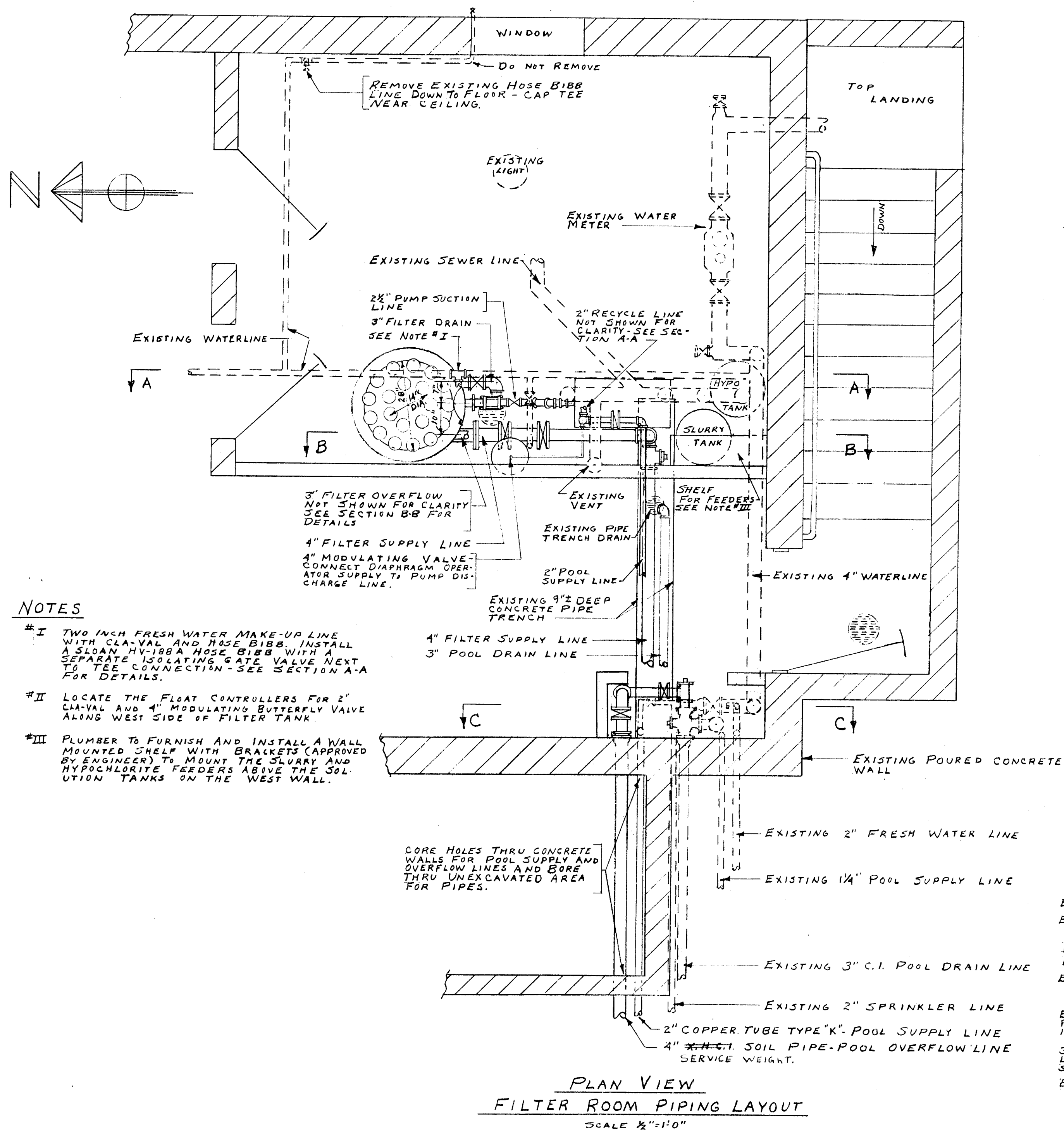
**GENERAL NOTES**

EXISTING WALK LIGHTS ARE SHOWN. CONTACT THE CITY OF MILWAUKEE, BUREAU OF ELECTRICAL SERVICES, DON SUBCZAK, PHONE 278-3251 FOR LOCATION OF UNDERGROUND WALK LIGHTING CABLE, THREE DAYS PRIOR TO ANY EXCAVATION

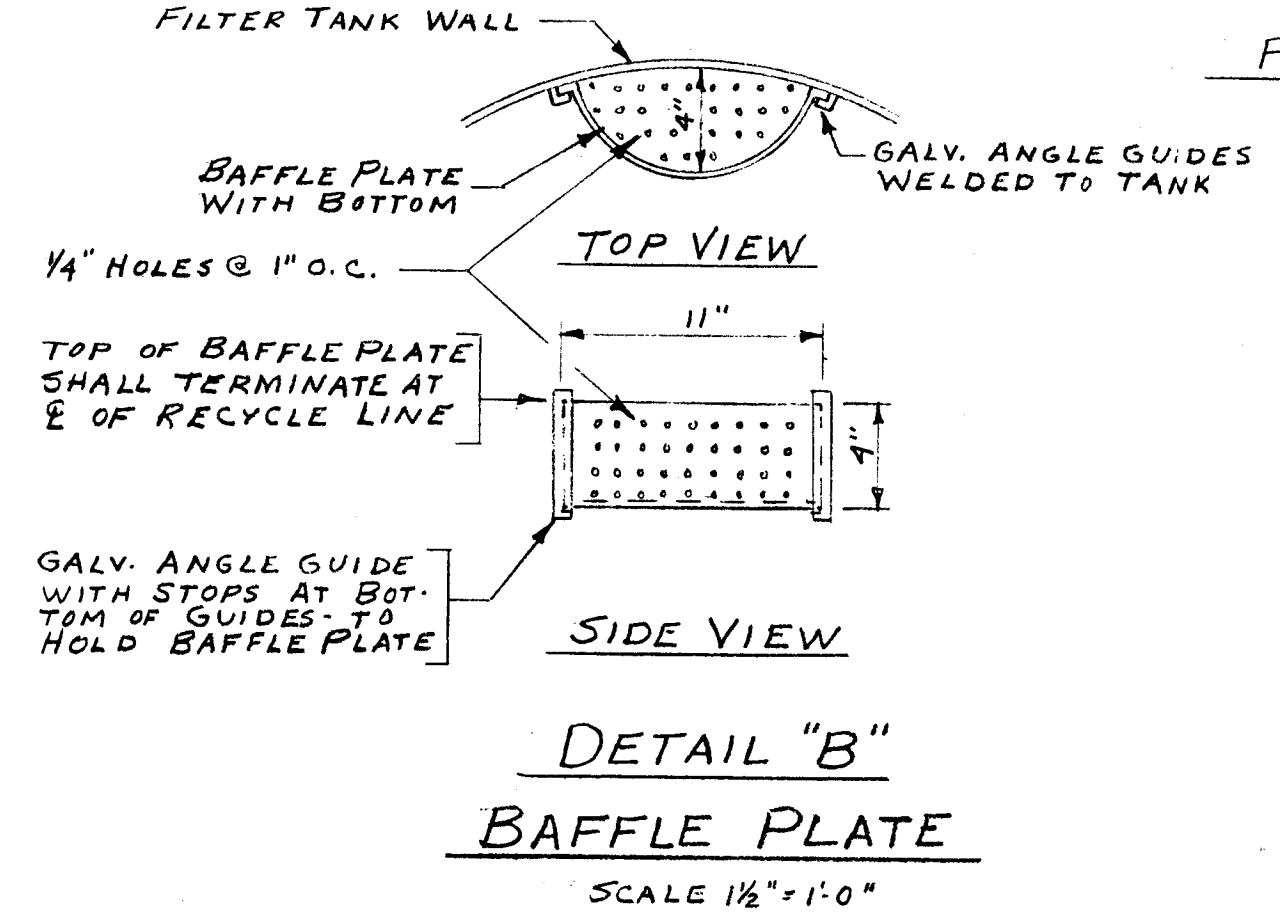
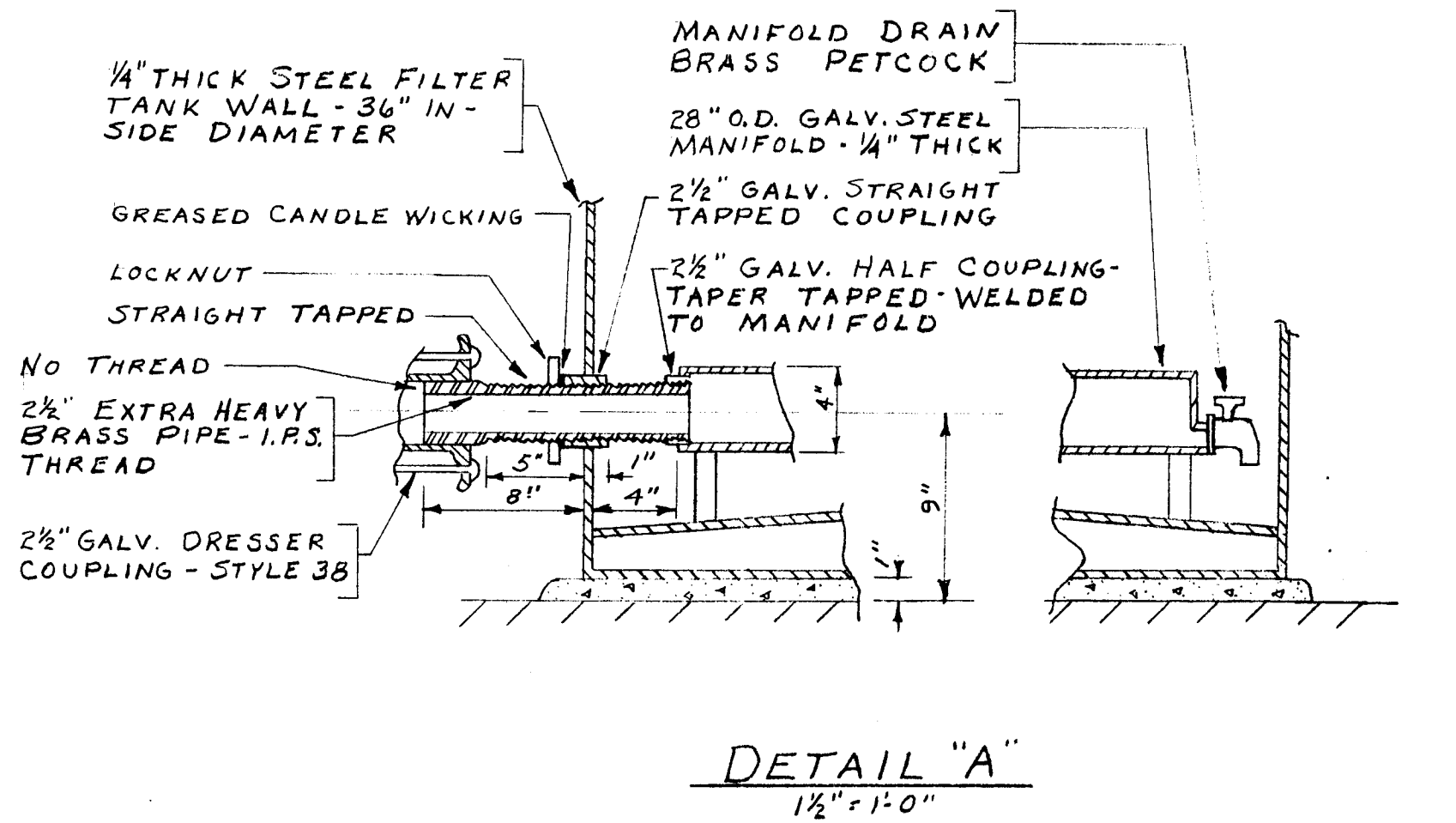
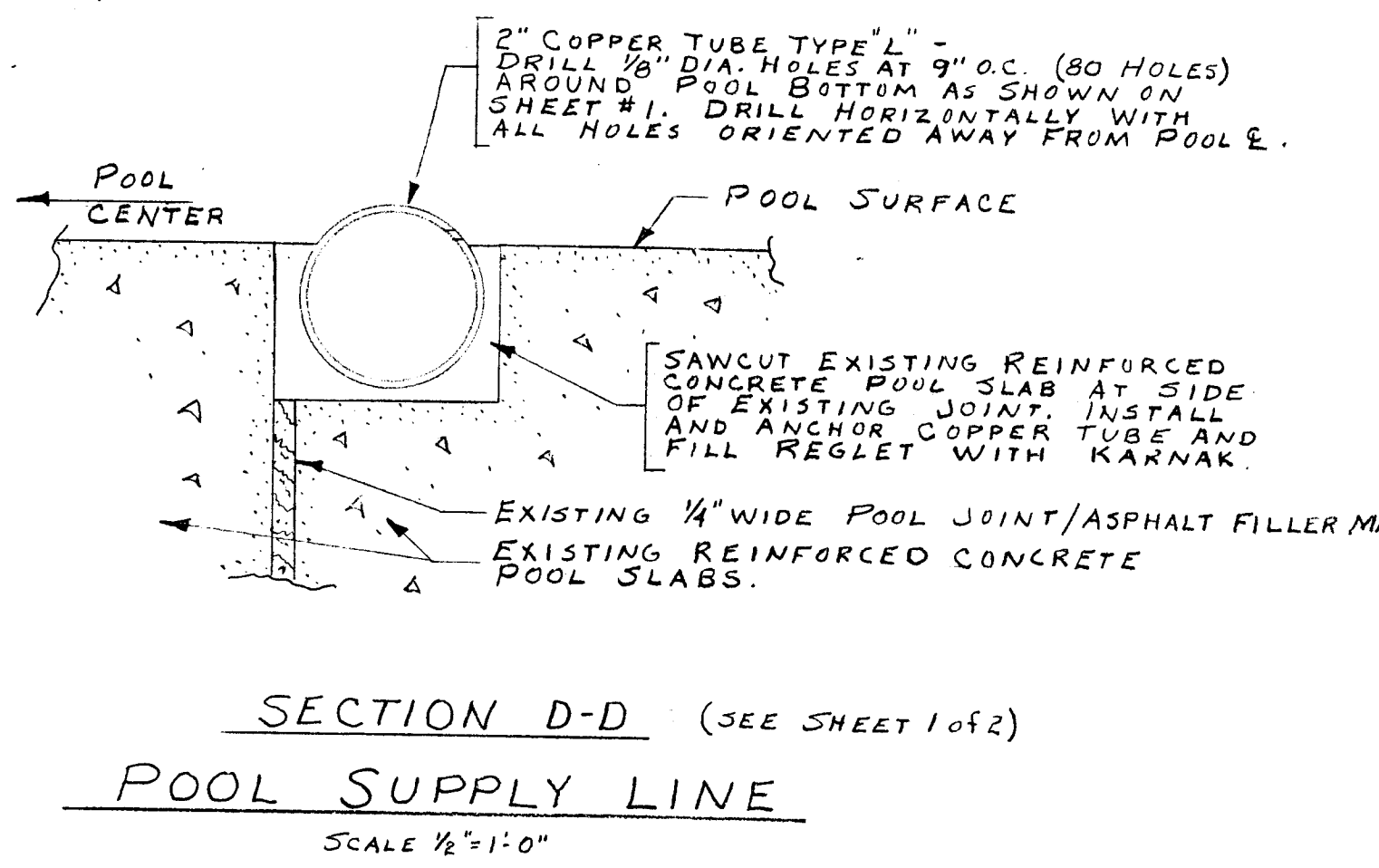
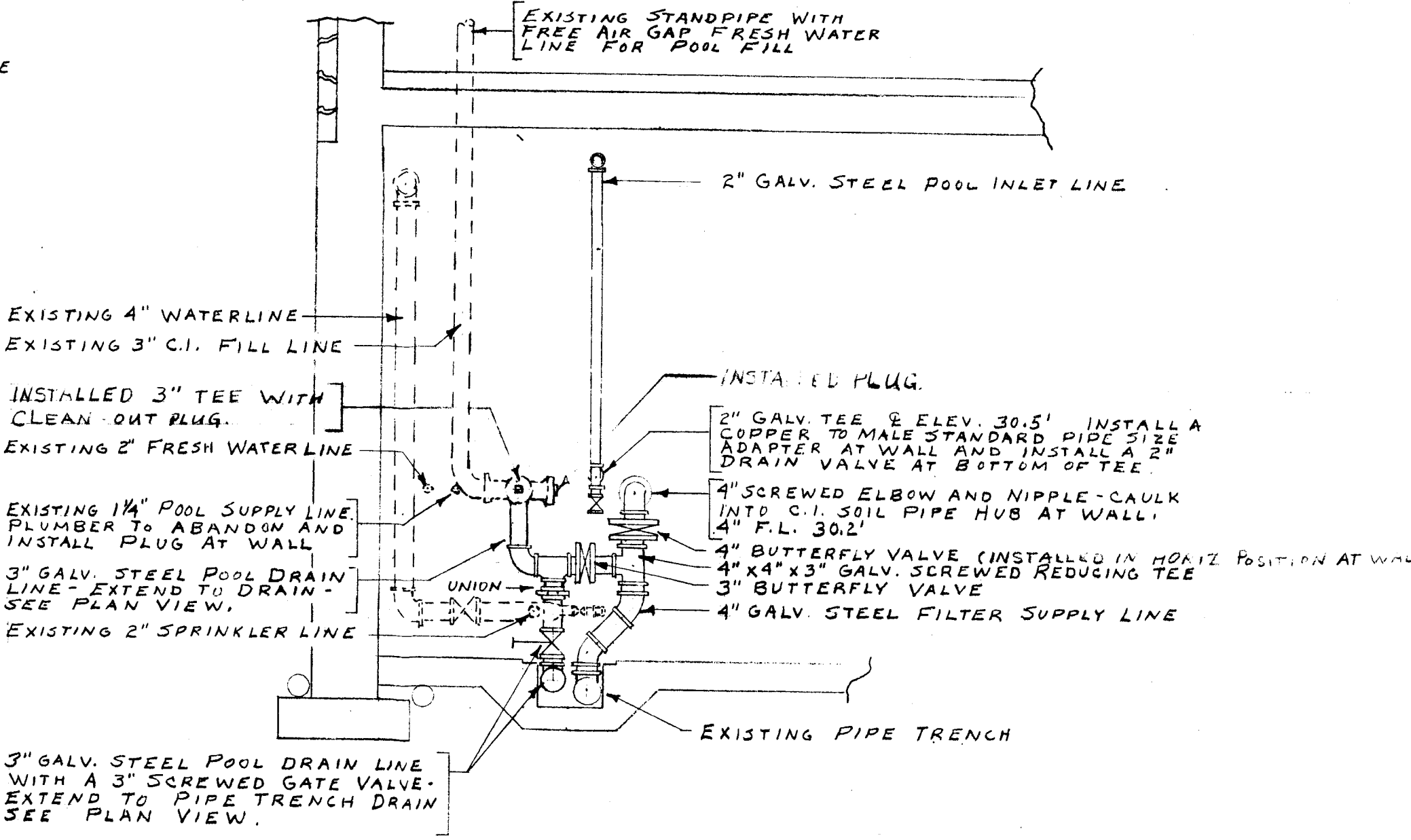
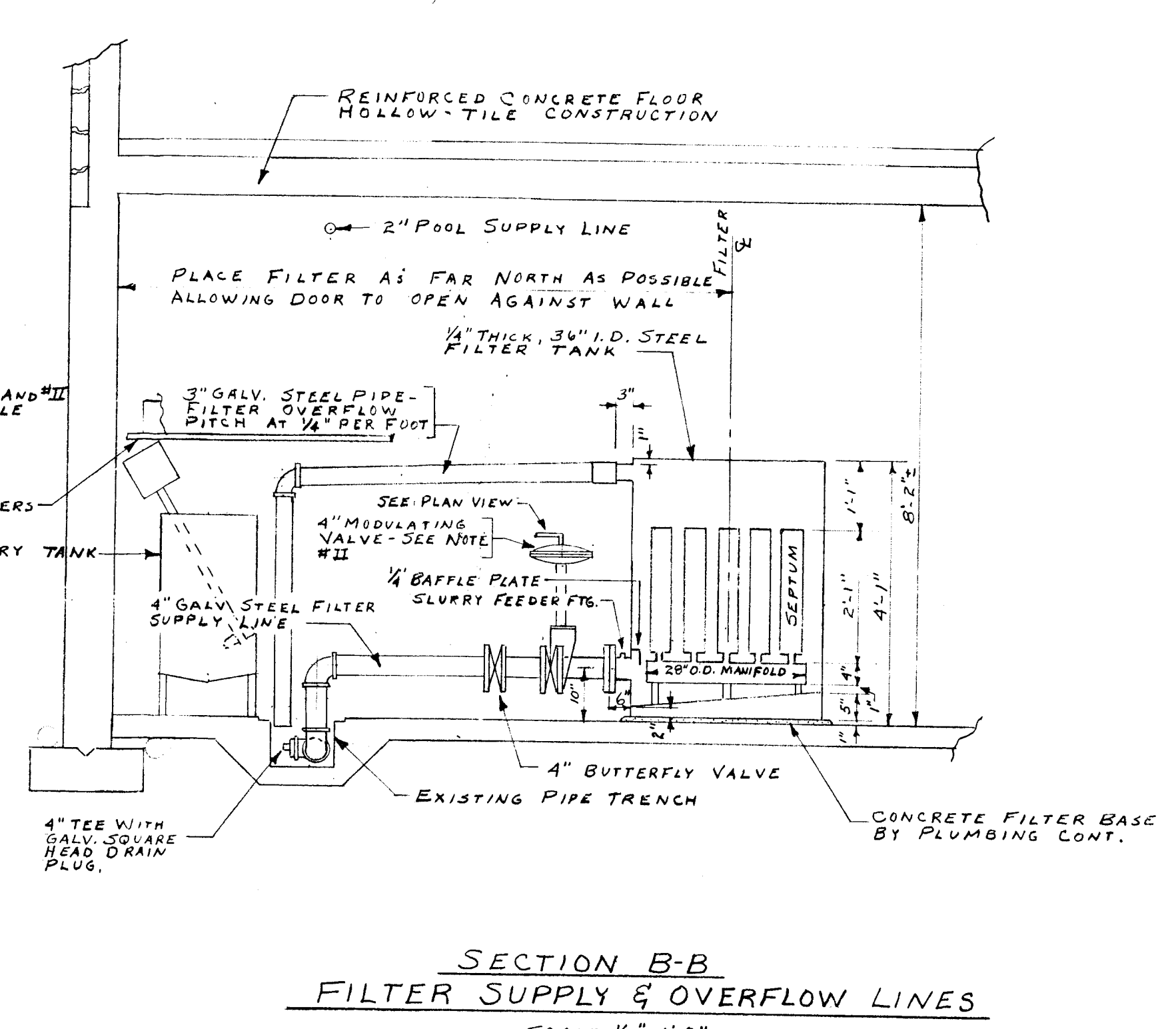
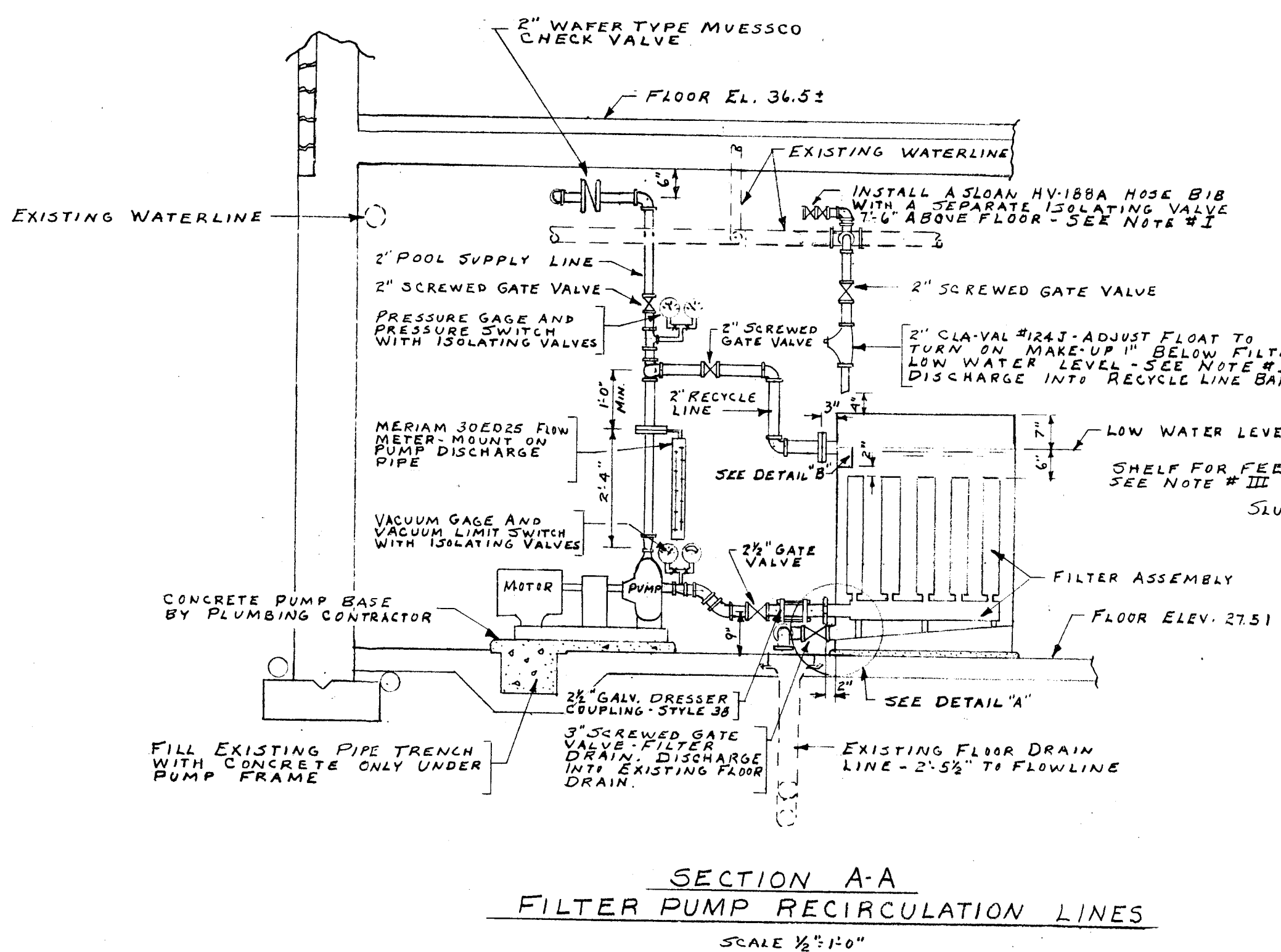


Handwritten signature and date: Lloyd J. Mlejnck, Nov. 20, 1975

NO.	DATE	REVISIONS	BY
<b>WALKER SQUARE</b>			
<b>WADING POOL</b>			
<b>RECIRCULATION LINES - FILTER ROOM</b>			
06-8649			
<b>MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS</b>			
<b>ARCHITECTURAL AND ENGINEERING DIVISION</b>			
APPROVED		ARCHITECT	DATE
APPROVED		ENGINEER	DATE 11/20/75
APPROVED		ARCHITECTURAL ENGINEERING DIRECTOR	DATE 11/24/75
APPROVED		DIRECTOR OF PUBLIC WORKS	DATE 11/24/75
APPROVED			DATE 11/24/75
SURVEY BY		DRAWN BY L.J.M.-NGC	DATE
NOTES		TRACED BY	DATE Nov. 1975 SHEET 1 OF 2
DATE		CHECKED BY	FILE NO. P15-1-3



- NOTES**
- #I TWO INCH FRESH WATER MAKE-UP LINE WITH CLAY VAL AND HOSE BIBB. INSTALL A SLOAN HY-188A HOSE BIBB WITH A SEPARATE ISOLATING GATE VALVE NEXT TO THE CONNECTION - SEE SECTION A-A FOR DETAILS.
  - #II LOCATE THE FLOAT CONTROLLERS FOR 2" CLAY VAL AND 4" MODULATING BUTTERFLY VALVE ALONG WEST SIDE OF FILTER TANK.
  - #III PLUMBER TO FURNISH AND INSTALL A WALL MOUNTED SHELF WITH BRACKETS (APPROVED BY ENGINEER) TO MOUNT THE SLURRY AND HYPOCHLORITE FEEDERS ABOVE THE 36" UTILITY TANKS ON THE WEST WALL.



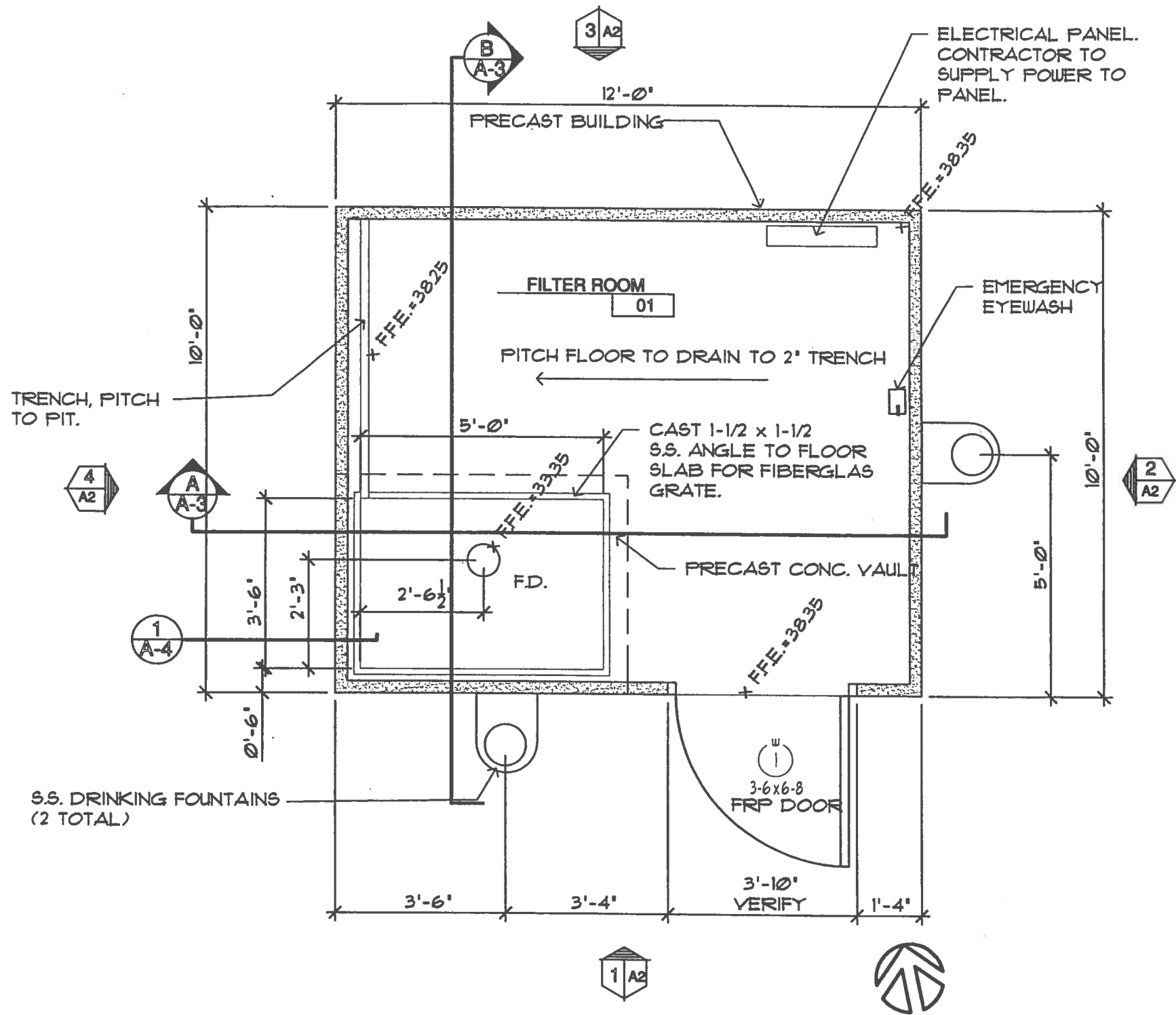
**LEGEND**

--- EXISTING UTILITIES NEAR CEILING SHOWN SHADED

--- EXISTING UTILITIES

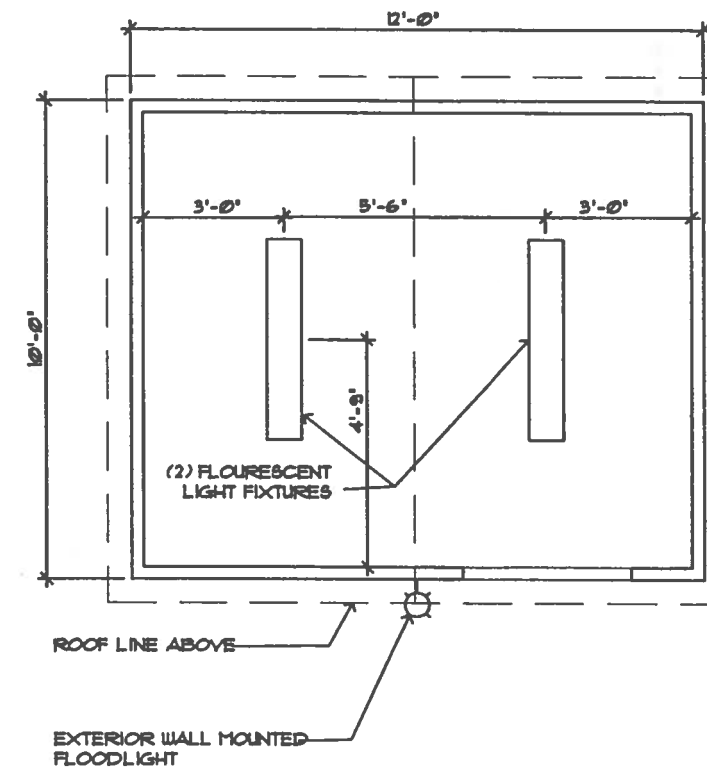
1	1/19/77	A-C-BUILD	M.G.S.
NO.	DATE	REVISIONS	BY
WALKER SQUARE WADING POOL FILTER SYSTEM INSTALLATION			
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURAL AND ENGINEERING DIVISION			
SURVEY BY	DRAWN BY	DATE	SHEET
NOTES	TRACED BY	Nov 1975	2 OF 2
DATE	CHECKED BY	FILE NO.	P15-1-3

24X



3/8" CONSTRUCTION PLAN

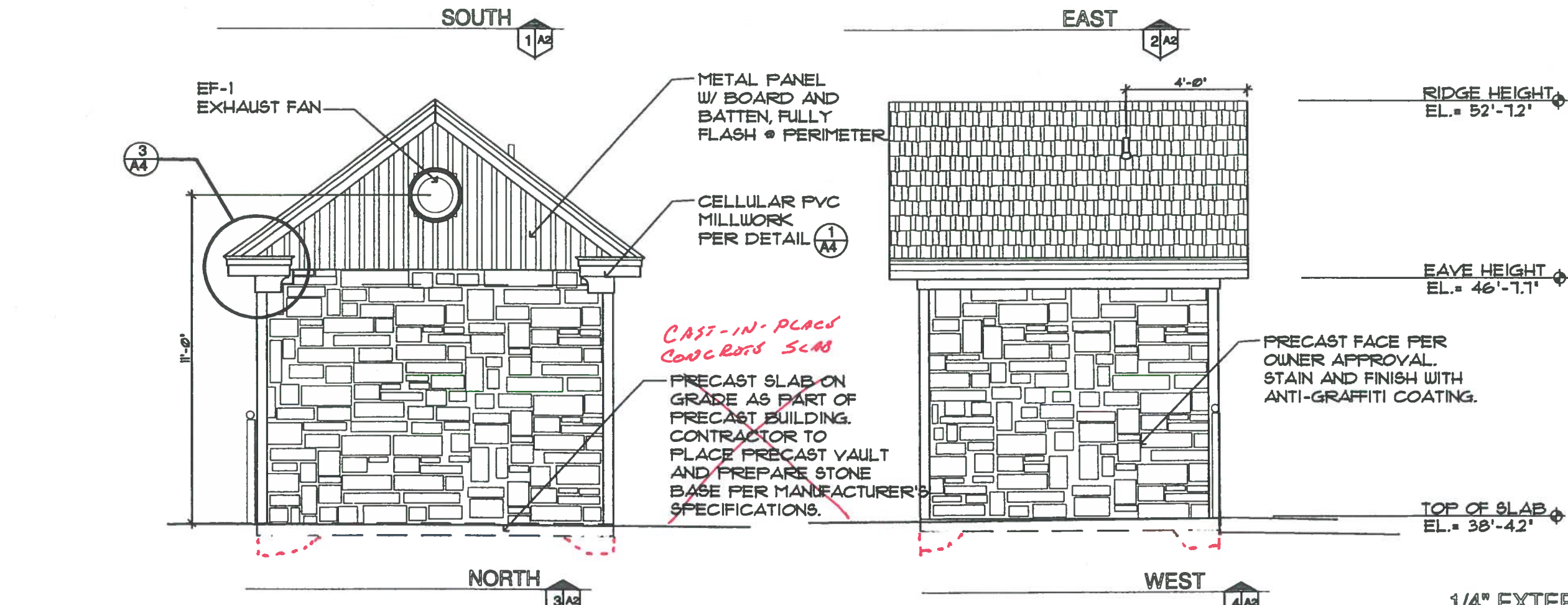
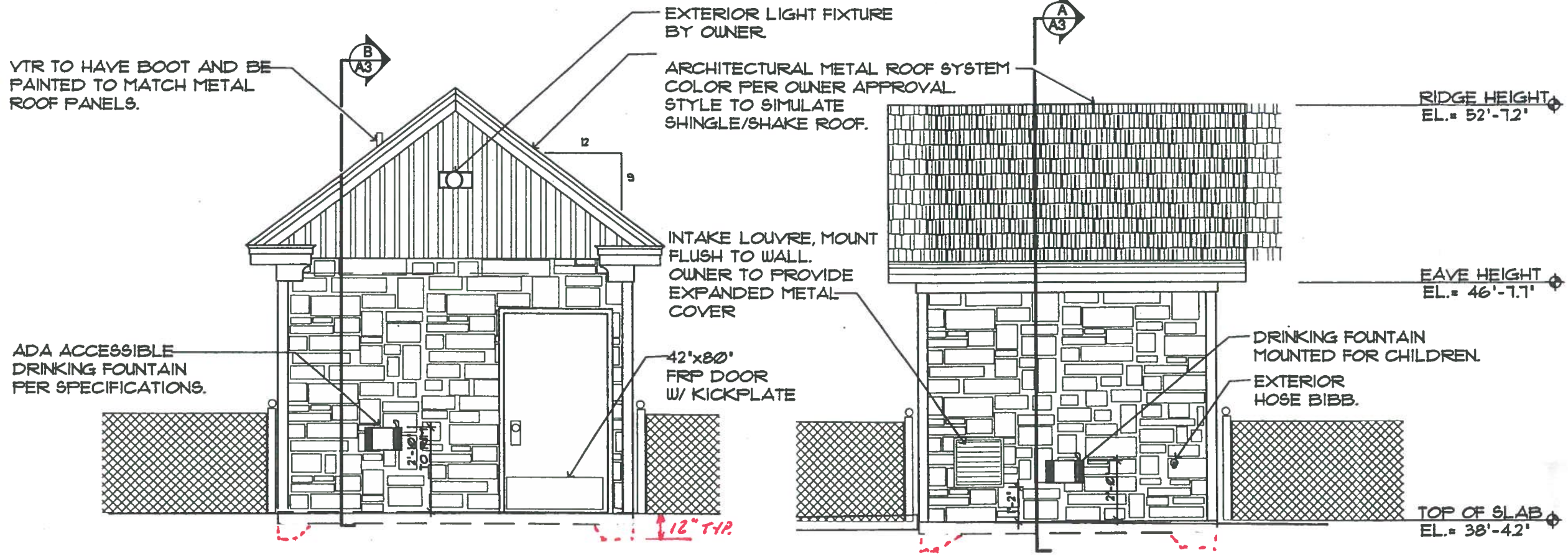
NOTES:  
 CONTRACTOR TO SUBMIT PRECAST  
 CONCRETE BUILDING'S SHOP DRAWINGS  
 TO PROJECT ENGINEER FOR APPROVAL.  
 ALL OPENINGS, ANCHORS TEMPLATES  
 AND COLORS SHOULD BE SHOWN.



NOTE: THIS DRAWING FOR REFERENCE  
 ONLY. OWNER TO PURCHASE AND  
 INSTALL ELECTRICAL FIXTURES.

1/4" REFLECTED CEILING

DATE	REVISION	BY
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES		
CITY CAMPUS 2711 N. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208		
PROJECT NO.	795	P412-02605
BUILDING NO.	4152	
PROJECT TITLE	WALKER SQUARE WADING POOL REHABILITATION	
SCALE	1/4" = 1'	
DATE	8/1/02	
DRAWN BY	JMB	
CHECKED BY	JMO	
SHEET NO.	A-1	10 of 17

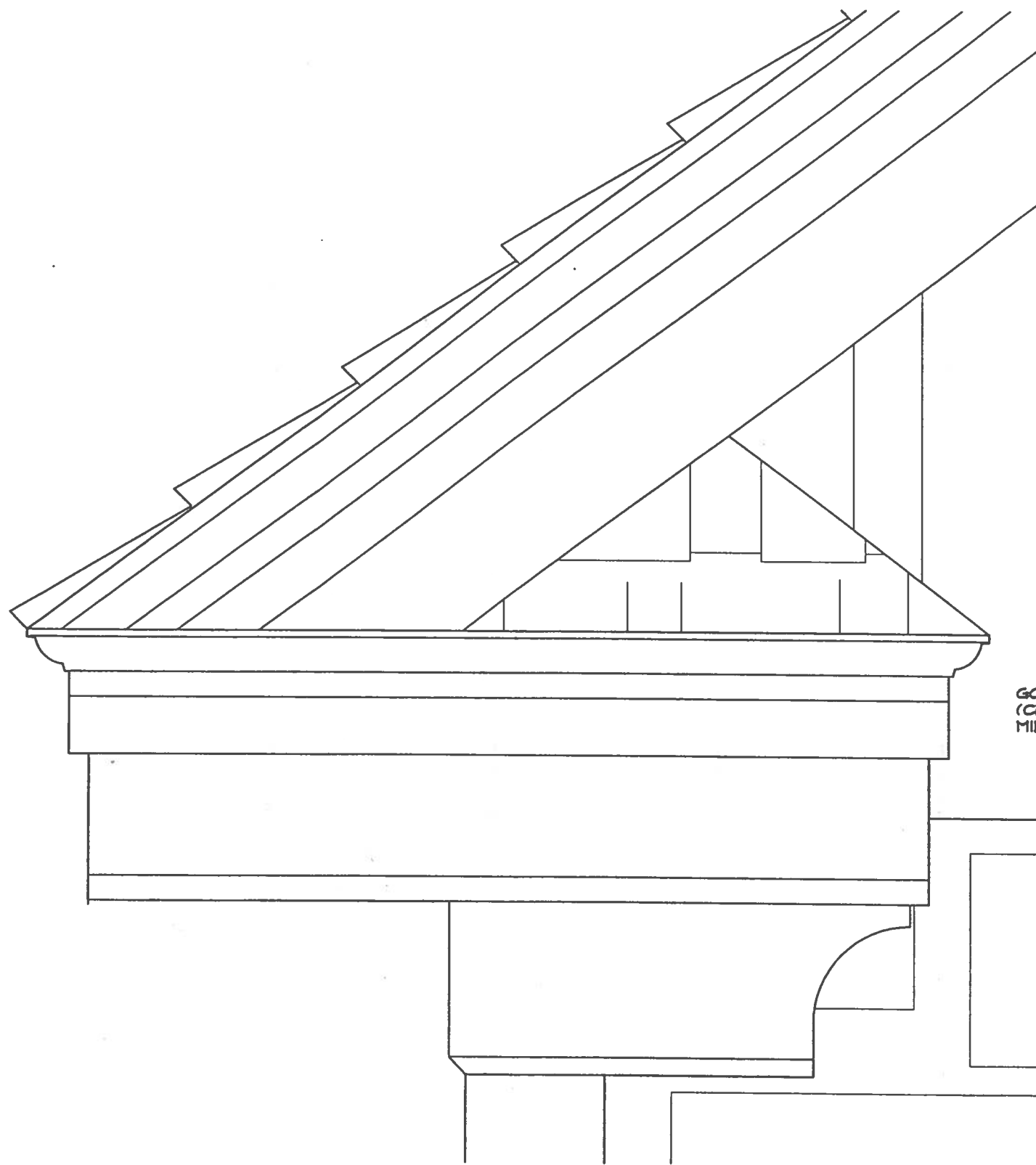


MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
 CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

DATE: \_\_\_\_\_ REVISION: \_\_\_\_\_

PROJECT NO.	P412-02605
DATE NO.	795
SCALE	1/4"=1'
DRAWN BY	JMB
DATE	8/1/02
CHECKED BY	JMO
WALKER SQUARE WADING POOL REHABILITATION	
ELEVATIONS & NOTES	
PROJECT TITLE	
PROJECT NO.	4152
DATE	
SCALE	
DRAWN BY	
CHECKED BY	
DATE	
PROJECT TITLE	
PROJECT NO.	
DATE	
SCALE	
DRAWN BY	
CHECKED BY	
DATE	

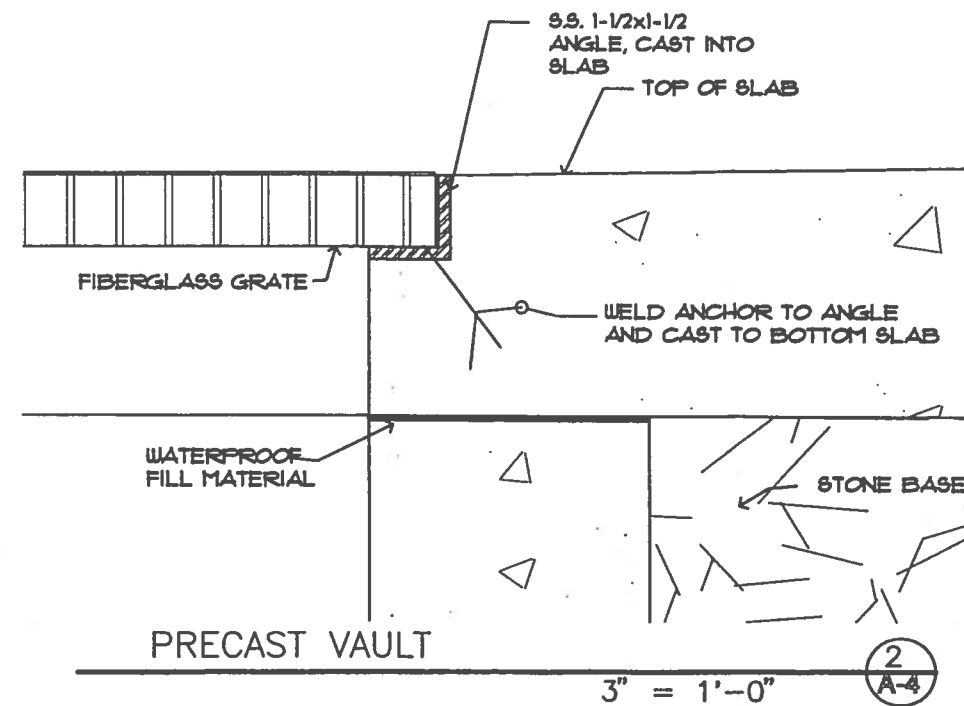




ROOF TERMINATION

3" = 1'-0"

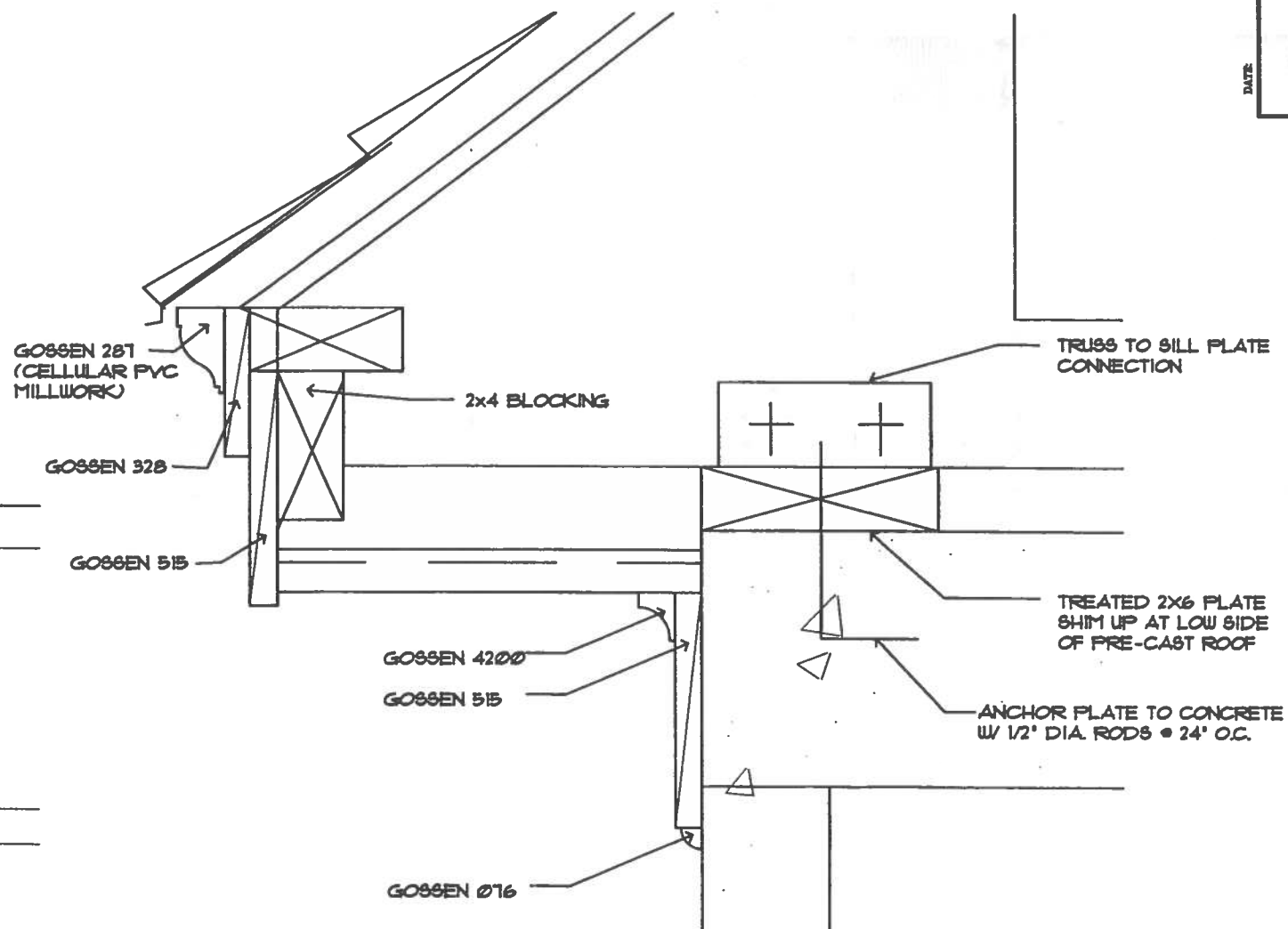
3  
A-4



PRECAST VAULT

3" = 1'-0"

2  
A-4



SECTION @ ROOF

3" = 1'-0"

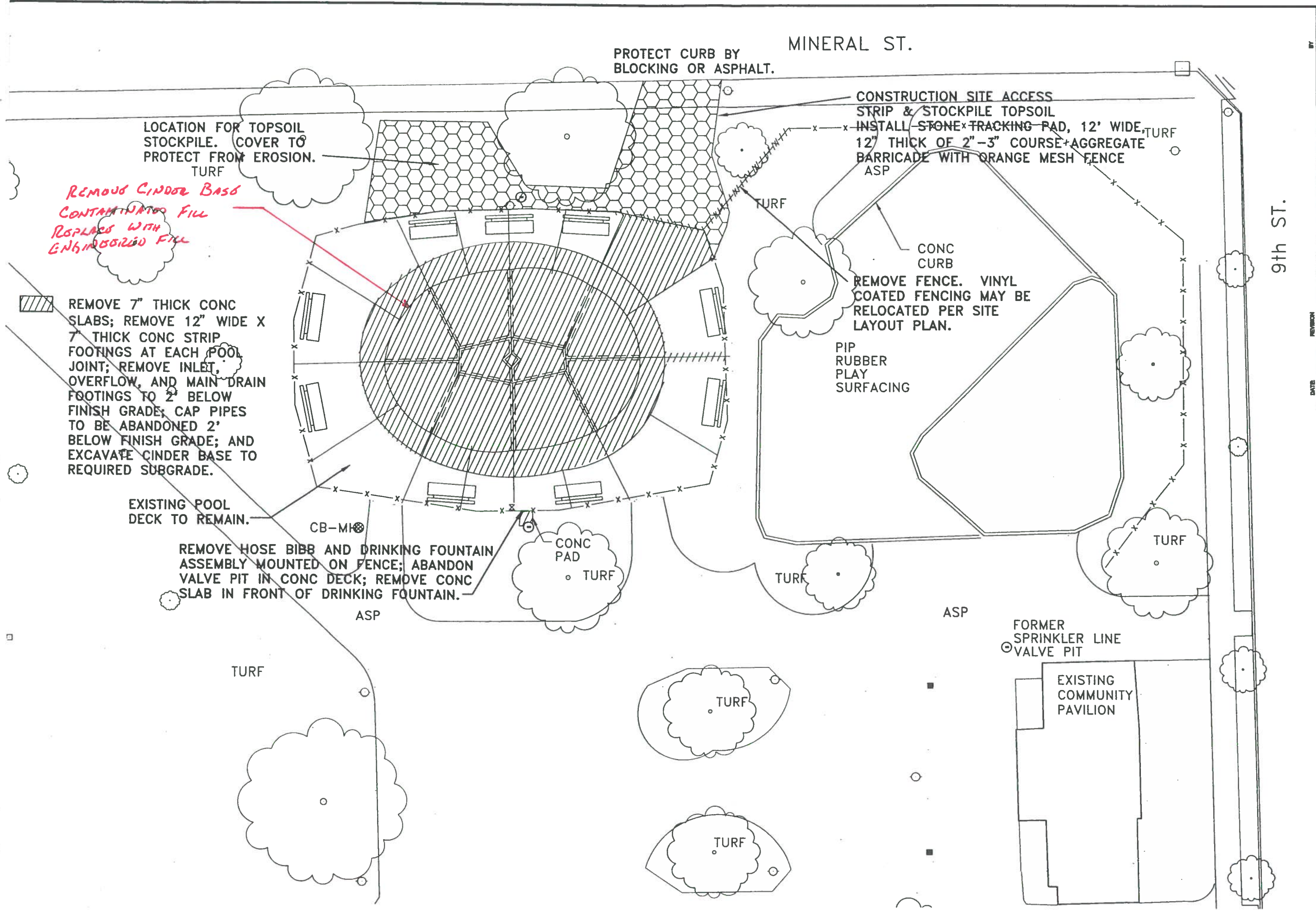
1  
A-4

DATE	REVISION	BY

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES

CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

PROJECT NO.	P412-02605
SHEET NO.	4152
SCALE	1" = 1'
DATE	8/1/02
DRAWN BY	JMB
CHECKED BY	JMO
PROJECT TITLE	WALKER SQUARE WADING POOL REHABILITATION
SHEET DESCRIPTION	ROOF DETAILS
SHEET NO.	5 of 17



MINERAL ST.  
 PROTECT CURB BY  
 BLOCKING OR ASPHALT.

LOCATION FOR TOPSOIL  
 STOCKPILE. COVER TO  
 PROTECT FROM EROSION.  
 TURF

*REMOVE CINDER BASE  
 CONTAMINATED FILL  
 REPLACE WITH  
 ENHANCED FILL*

CONSTRUCTION SITE ACCESS  
 STRIP & STOCKPILE TOPSOIL  
 INSTALL STONE TRACKING PAD, 12' WIDE,  
 12" THICK OF 2"-3" COURSE AGGREGATE  
 BARRICADE WITH ORANGE MESH FENCE  
 ASP

CONC CURB  
 REMOVE FENCE. VINYL  
 COATED FENCING MAY BE  
 RELOCATED PER SITE  
 LAYOUT PLAN.

REMOVE 7" THICK CONC  
 SLABS; REMOVE 12" WIDE X  
 7" THICK CONC STRIP  
 FOOTINGS AT EACH POOL  
 JOINT; REMOVE INLET,  
 OVERFLOW, AND MAIN DRAIN  
 FOOTINGS TO 2' BELOW  
 FINISH GRADE; CAP PIPES  
 TO BE ABANDONED 2'  
 BELOW FINISH GRADE; AND  
 EXCAVATE CINDER BASE TO  
 REQUIRED SUBGRADE.

PIP  
 RUBBER  
 PLAY  
 SURFACING

EXISTING POOL  
 DECK TO REMAIN.

REMOVE HOSE BIBB AND DRINKING FOUNTAIN  
 ASSEMBLY MOUNTED ON FENCE; ABANDON  
 VALVE PIT IN CONC DECK; REMOVE CONC  
 SLAB IN FRONT OF DRINKING FOUNTAIN.

FORMER  
 SPRINKLER LINE  
 VALVE PIT

EXISTING  
 COMMUNITY  
 PAVILION

9th ST.

BY					
DATE					
REVISION					
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208					
PROJECT NO.	P412-02805	LITER NO.	795	DRAWN BY:	JMO
SHEET NO.	C-1	SHEET DESCRIPTION	WALKER SQUARE WADING POOL REHABILITATION	DATE	8/1/02
	2 OF 17	BUILDING NO.	4152	ORDERED BY:	JMB
			EXISTING CONDITIONS/ SITE DEMOLITION		

**POOL CONCRETE**  
 INSTALL 12" THICK AGGREGATE BASE COURSE AND 8" THICK CHERT-FREE CONC. CONC. POOL SLABS SHALL BE THICKENED AT THE EDGES AND REINFORCED WITH #4 BARS @ 12" O.C. BOTH DIRECTIONS. SEE DETAILS 5 AND 6, SHEET 7.

**DECK CONCRETE**  
 INSTALL 6" THICK CRUSHED AGGREGATE BASE COURSE AND 5" THICK CHERT-FREE CONC. CONC. DECK SLABS SHALL BE THICKENED AT THE EDGES AND SHALL BE REINFORCED WITH #3 BARS @ 12" O.C. BOTH DIRECTIONS. PITCH DECK AWAY FROM POOL AT MIN 0.5% SLOPE. SEE DETAILS 7 AND 8, SHEET 7.

REMOVE BENCH SLATS. BLAST AND PAINT STEEL POSTS/SUPPORTS. INSTALL IPE BENCH SLATS (9-BENCHES 3 POSTS & 6 SLATS PER BENCH)

EXPANSION JOINTS BETWEEN DECK SLABS SHALL LINE UP WITH NEW POOL EXPANSION JOINTS AND EXIST DECK JOINTS.

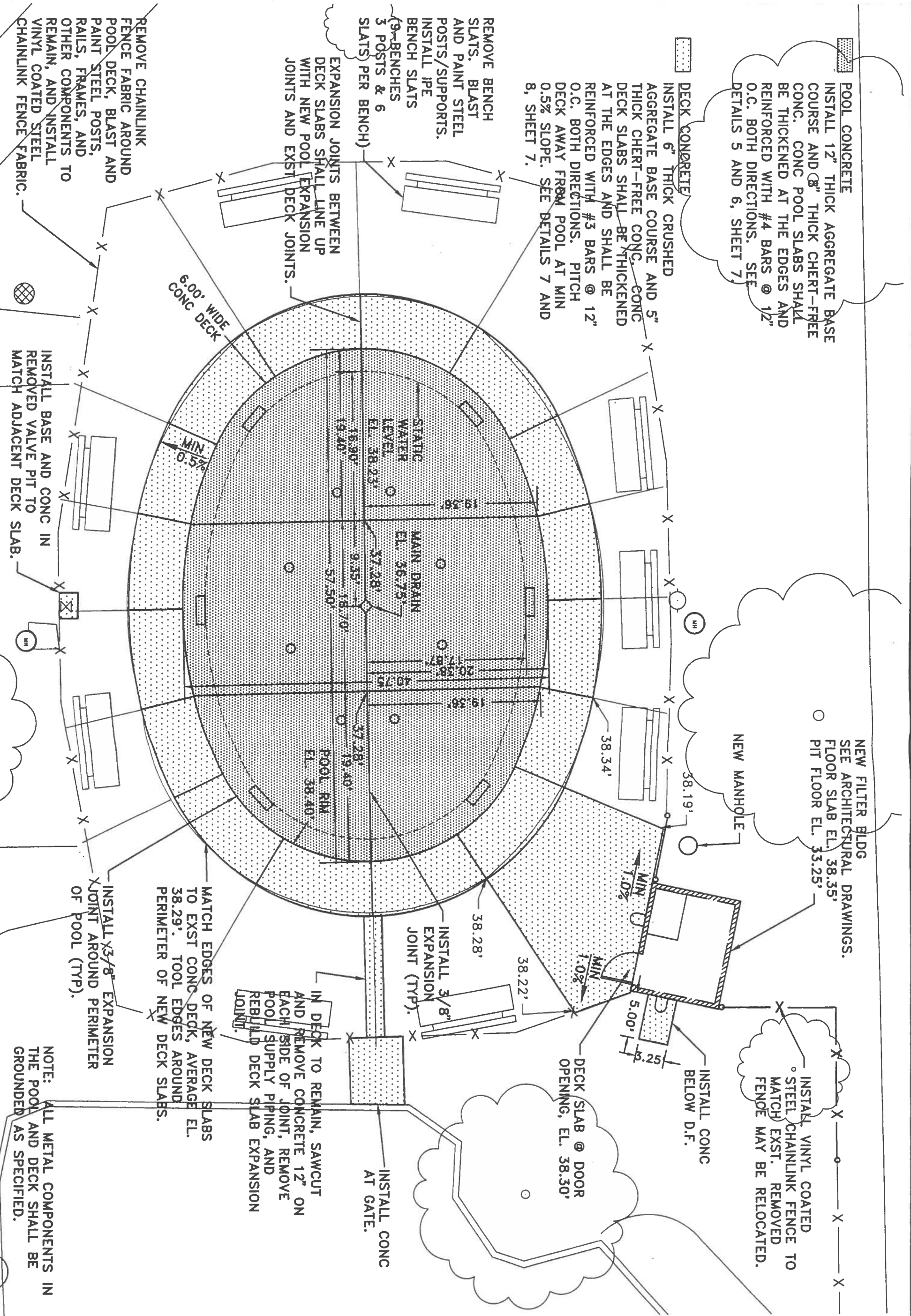
REMOVE CHAINLINK FENCE FABRIC AROUND POOL DECK, BLAST AND PAINT STEEL POSTS, RAILS, FRAMES, AND OTHER COMPONENTS TO REMAIN, AND INSTALL VINYL COATED STEEL CHAINLINK FENCE FABRIC.

INSTALL BASE AND CONC IN REMOVED VALVE PIT TO MATCH ADJACENT DECK SLAB.

NEW FILTER BLDG  
 SEE ARCHITECTURAL DRAWINGS.  
 FLOOR SLAB EL. 38.35'  
 PIT FLOOR EL. 33.25'

NEW MANHOLE


INSTALL VINYL COATED STEEL CHAINLINK FENCE TO MATCH EXST. REMOVED FENCE MAY BE RELOCATED.



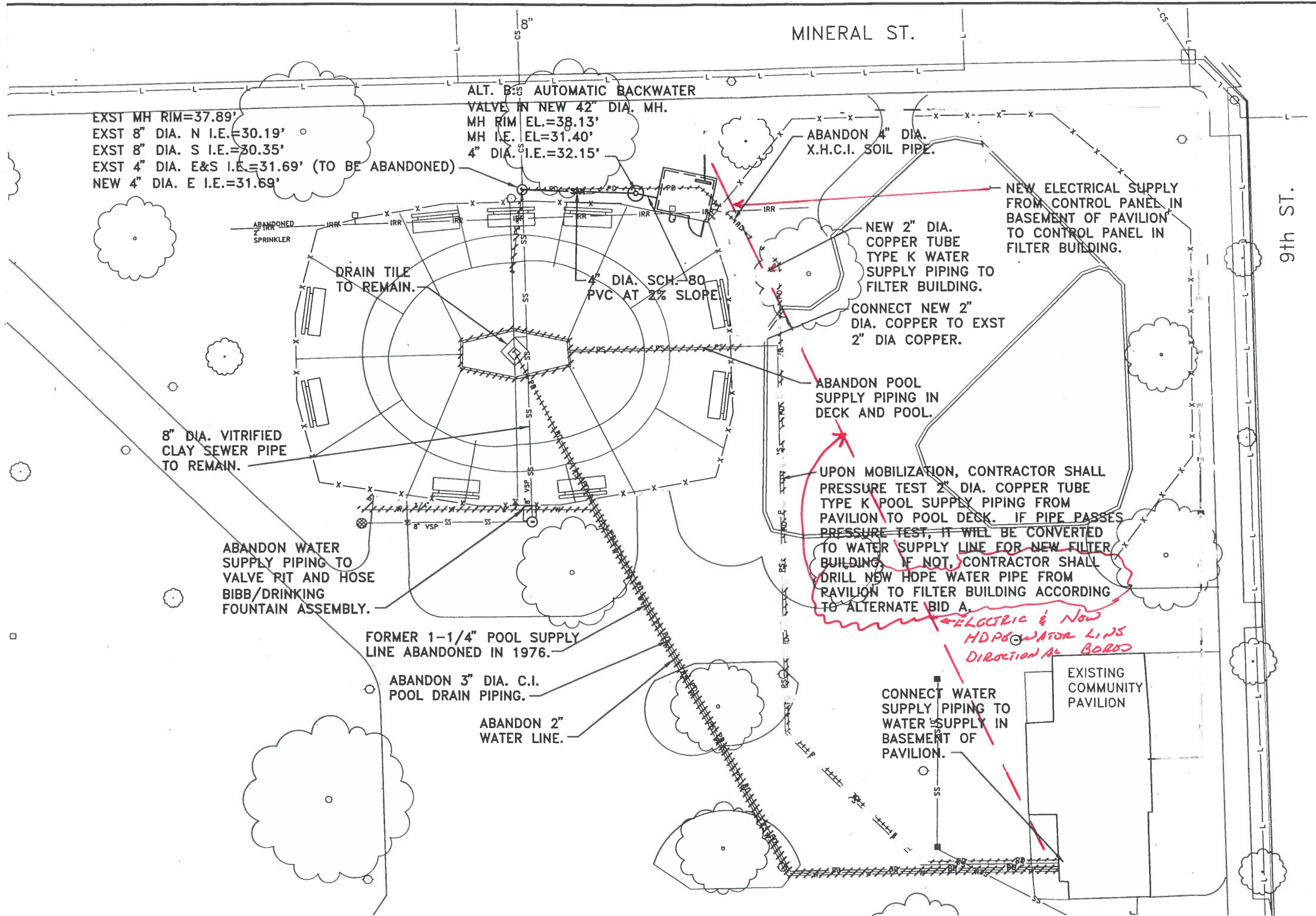
NOTE: ALL METAL COMPONENTS IN THE POOL AND DECK SHALL BE GROUNDED AS SPECIFIED.

DATE	REVISION

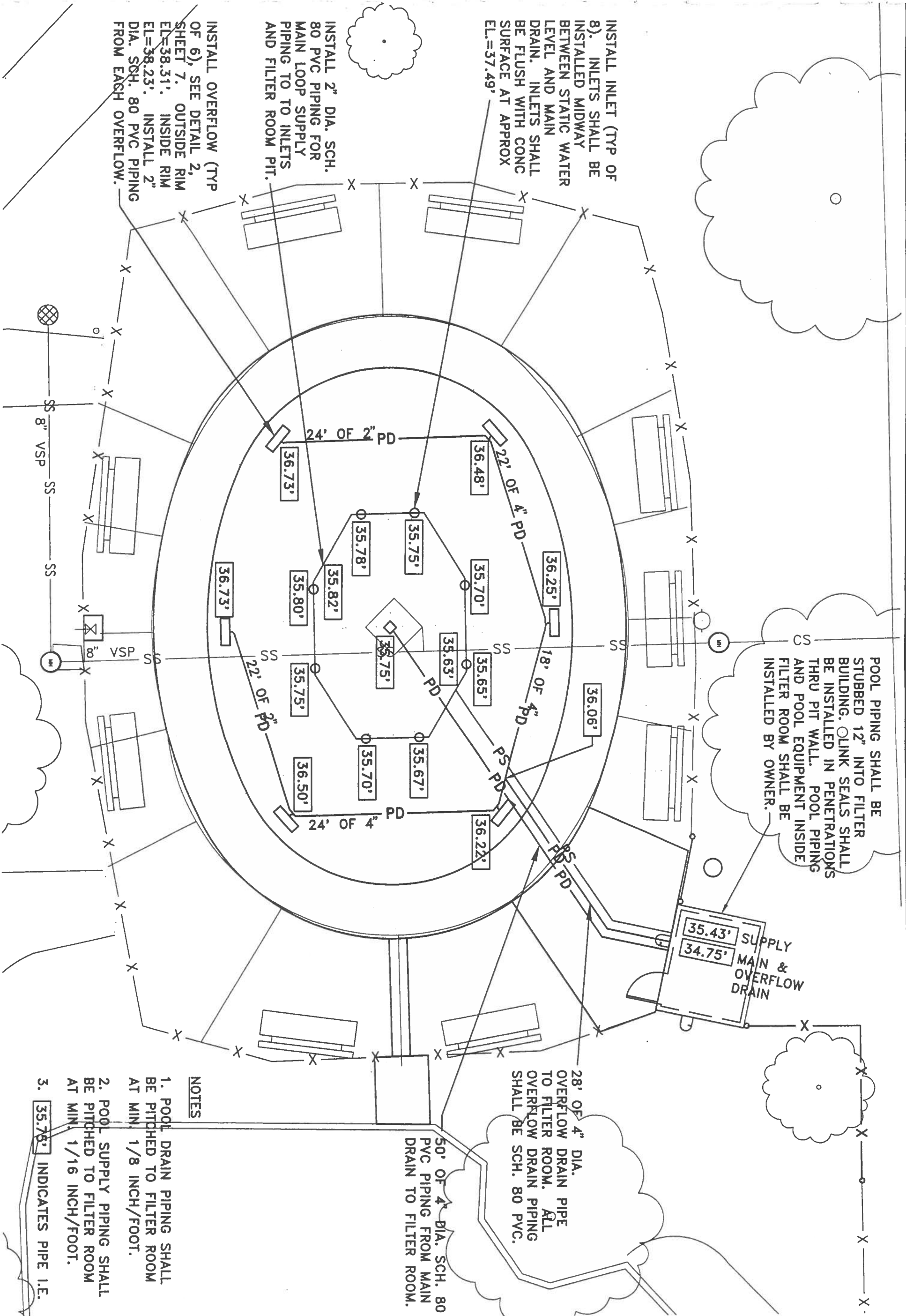
  

PROJECT NO. <b>P412-02605</b>	SITE NO. <b>795</b>	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE <b>1"=10'</b>	DRAWN BY <b>JMO</b>
BUILDING NO. <b>4152</b>	SHEET DESCRIPTION <b>SITE LAYOUT &amp; GRADING PLAN</b>	DATE <b>8/1/02</b>	CHECKED BY <b>JMB</b>	

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
 CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208



DATE	REVISION	DATE	REVISION
PROJECT NO.	P412-02805	SHEET NO.	4152
SITE NO.	795	SHEET DESCRIPTION	SITE UTILITIES
SCALE	1" = 20'	DATE	8/1/02
DRAWN BY	JMO	CHECKED BY	JMB
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208			
SHEET NO.	C-3	TOTAL SHEETS	1 OF 17



INSTALL INLET (TYP OF 8). INLETS SHALL BE INSTALLED MIDWAY BETWEEN STATIC WATER LEVEL AND MAIN DRAIN. INLETS SHALL BE FLUSH WITH CONC SURFACE AT APPROX EL.=37.49'

INSTALL 2" DIA. SCH. 80 PVC PIPING FOR MAIN LOOP SUPPLY PIPING TO TO INLETS AND FILTER ROOM PIT.

INSTALL OVERFLOW (TYP OF 6), SEE DETAIL 2, SHEET 7. OUTSIDE RIM EL.=38.31'. INSIDE RIM EL.=38.23'. INSTALL 2" DIA. SCH. 80 PVC PIPING FROM EACH OVERFLOW.

POOL PIPING SHALL BE STUBBED 12" INTO FILTER BUILDING. O-RING SEALS SHALL BE INSTALLED IN PENETRATIONS THRU PIT WALL. POOL PIPING AND POOL EQUIPMENT INSIDE FILTER ROOM SHALL BE INSTALLED BY OWNER.

28" OF 4" DIA. OVERFLOW DRAIN PIPE TO FILTER ROOM. ALL OVERFLOW DRAIN PIPING SHALL BE SCH. 80 PVC.

50' OF 4" DIA. SCH. 80 PVC PIPING FROM MAIN DRAIN TO FILTER ROOM.

SUPPLY MAIN & OVERFLOW DRAIN  
35.43'  
34.75'

**NOTES**

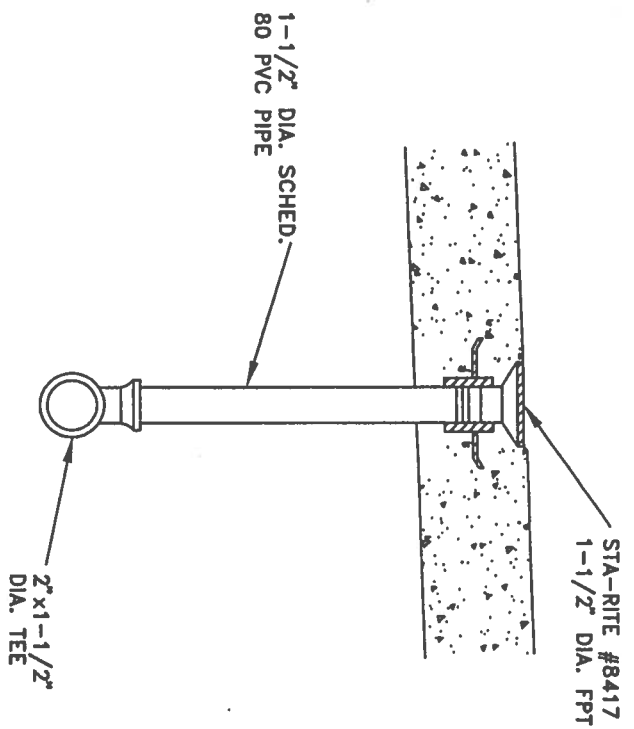
1. POOL DRAIN PIPING SHALL BE PITCHED TO FILTER ROOM AT MIN 1/8 INCH/FOOT.
2. POOL SUPPLY PIPING SHALL BE PITCHED TO FILTER ROOM AT MIN 1/16 INCH/FOOT.
3. 35.75' INDICATES PIPE I.E.

DATE	REVISION

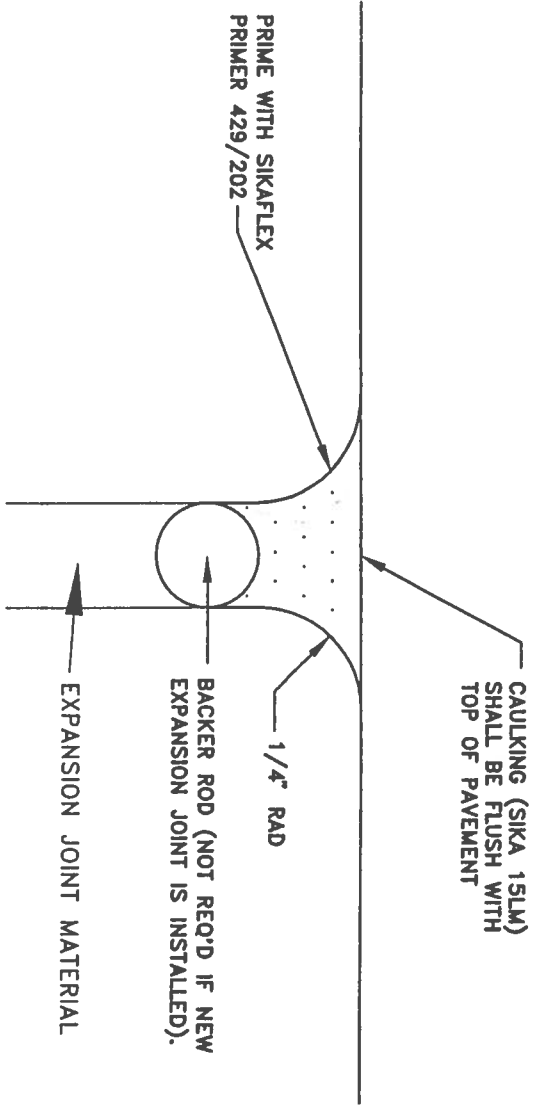
SHEET NO. <b>C-4</b>	PROJECT NO. P412-02605	MTE NO. 795	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE 1"=10'	DRAWN BY JMO
5 OF 17	BUILDING NO. 4152	SHEET DESCRIPTION <b>POOL PIPING PLAN</b>	DATE 8/1/02	CHECKED BY JMB	



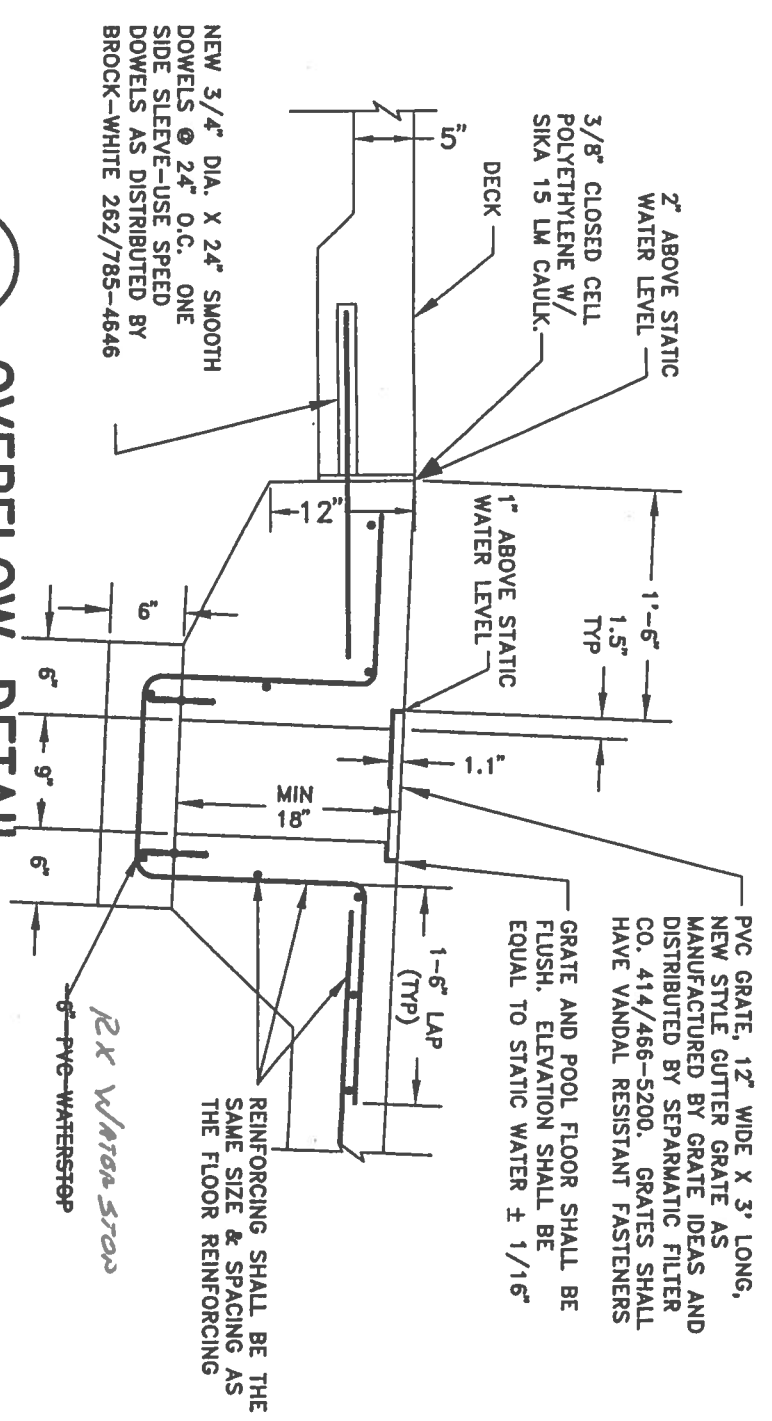
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208



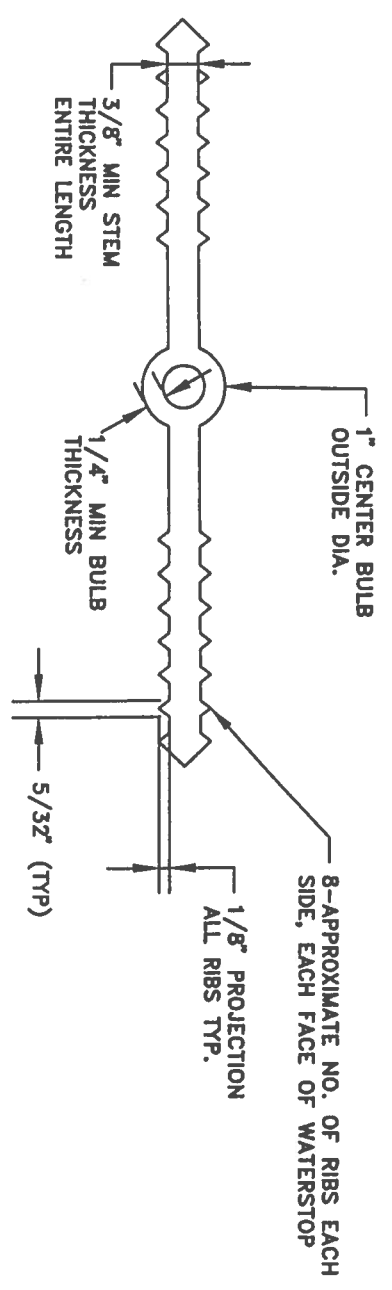
**1** POOL INLET DETAIL  
NOT TO SCALE



**3** CAULK DETAIL  
NOT TO SCALE



**2** OVERFLOW DETAIL  
NOT TO SCALE



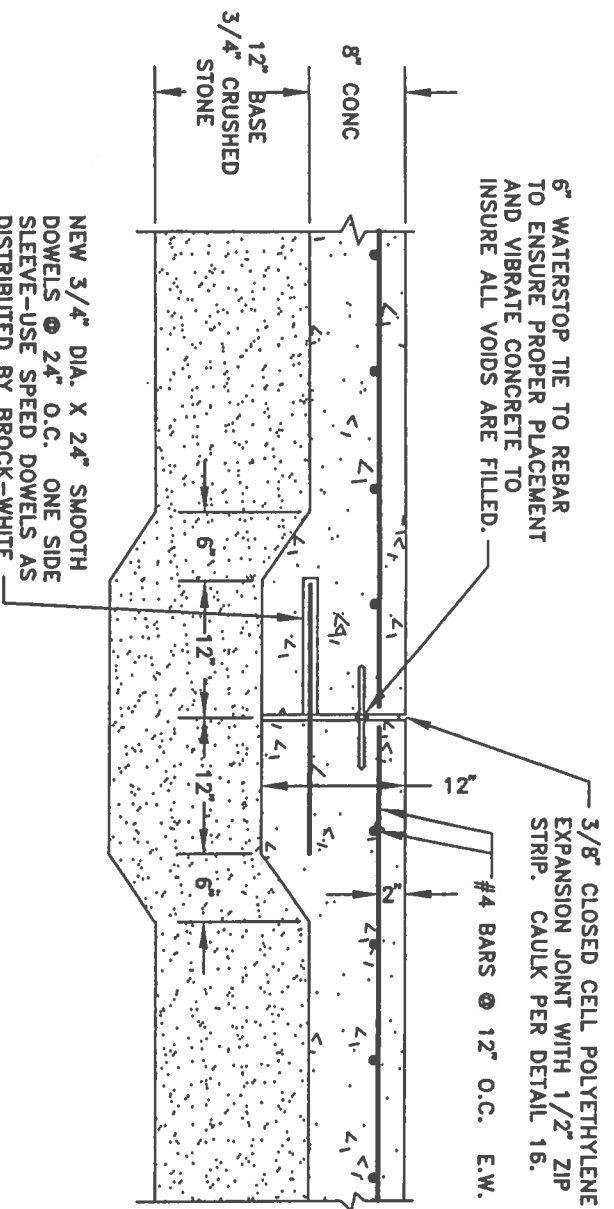
**4** WATERSTOP DETAIL  
NOT TO SCALE

- NOTES:
1. MATERIAL QUALITY PER SPECIFICATION SECTION 02720.
  2. DIM. REQUIREMENTS INDICATED SHOULD BE GIVEN TO SUPPLIERS PRIOR TO PLACING ORDERS.
  3. NON-ROUND CENTER BULBS SHALL HAVE A MIN. OUTSIDE DIM. OF 1".
  4. CONSULT WATERSTOP MANUFACTURER FOR SPLICING METHODS.

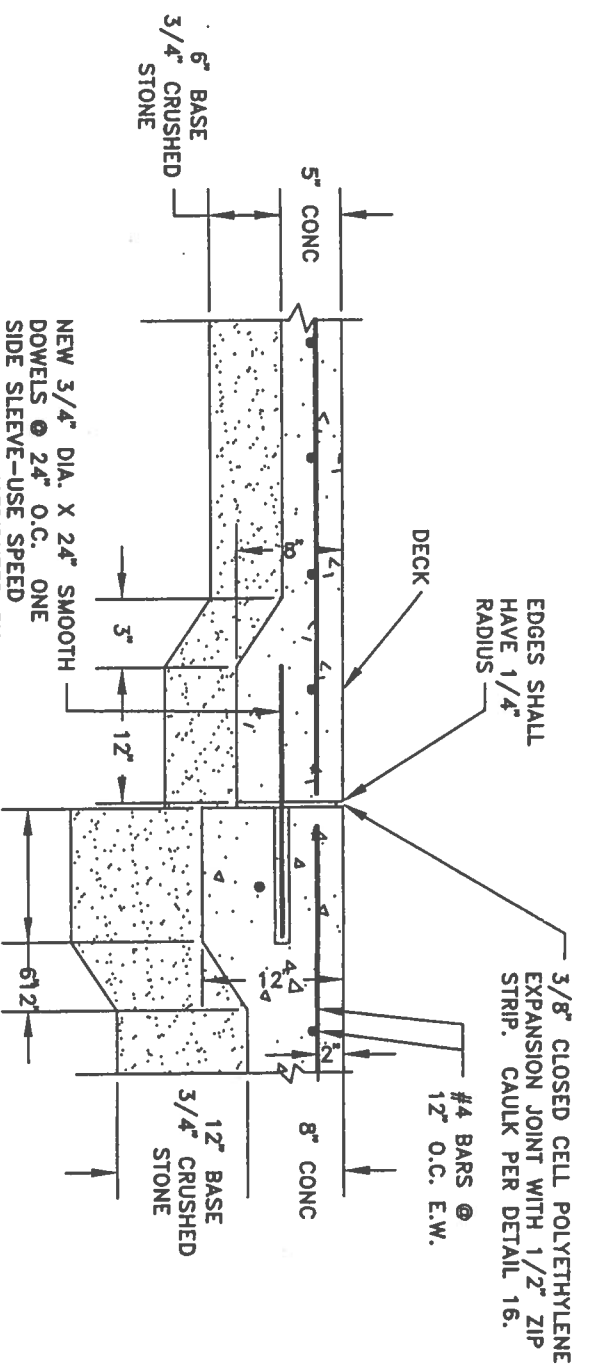
DATE	REVISION	BY

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

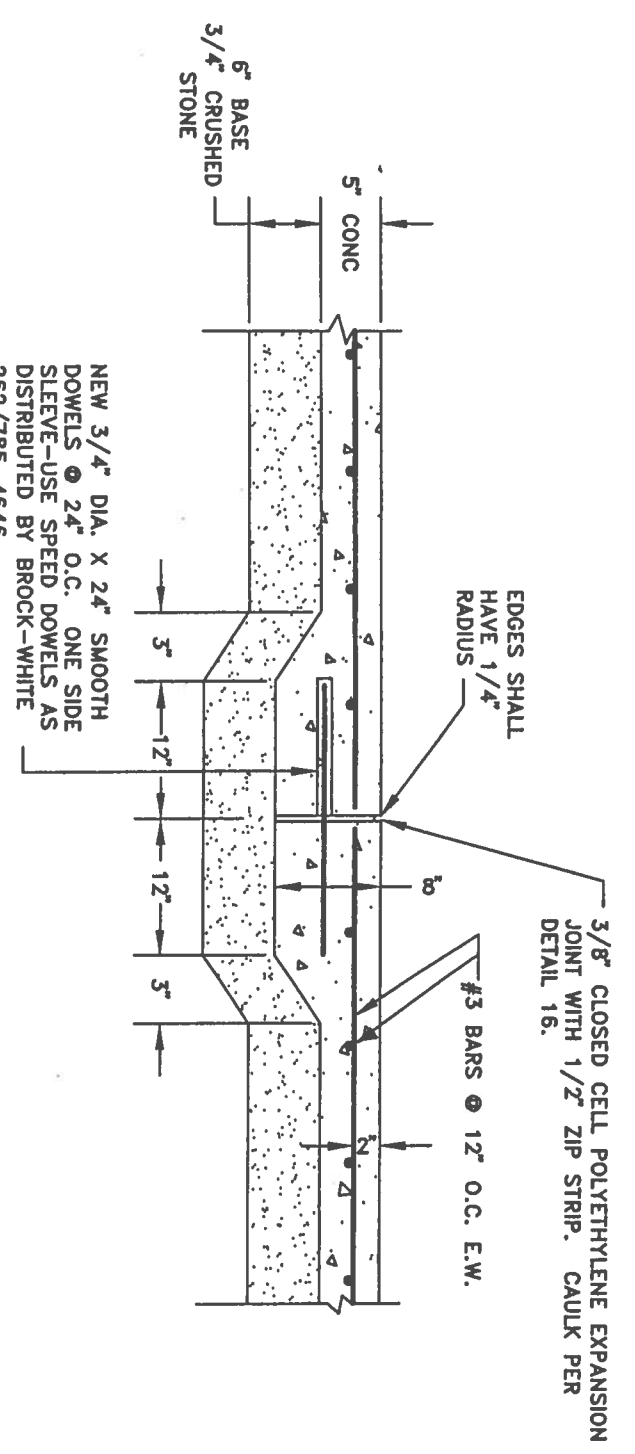
SHEET NO. <b>C-5</b> 8 OF 17	PROJECT NO. P412-02805	SITE NO. 795	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE NTS	DRAWN BY: JMO
BUILDING NO. 4152	SHEET DESCRIPTION POOL DETAILS	DATE 8/1/02	CHECKED BY: JMB		



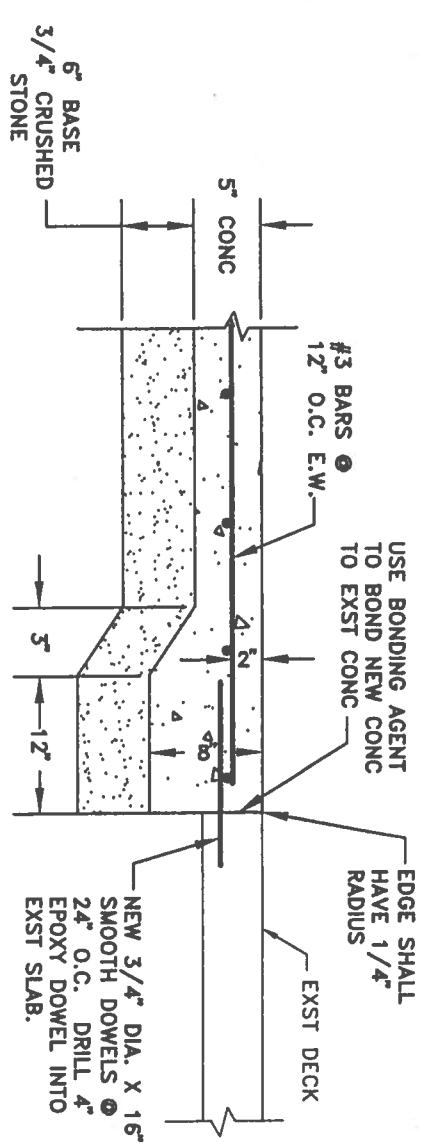
**5** POOL EXPANSION JOINT DETAIL  
NOT TO SCALE



**6** POOL TO DECK DETAIL  
NOT TO SCALE



**7** DECK EXPANSION JOINT DETAIL  
NOT TO SCALE

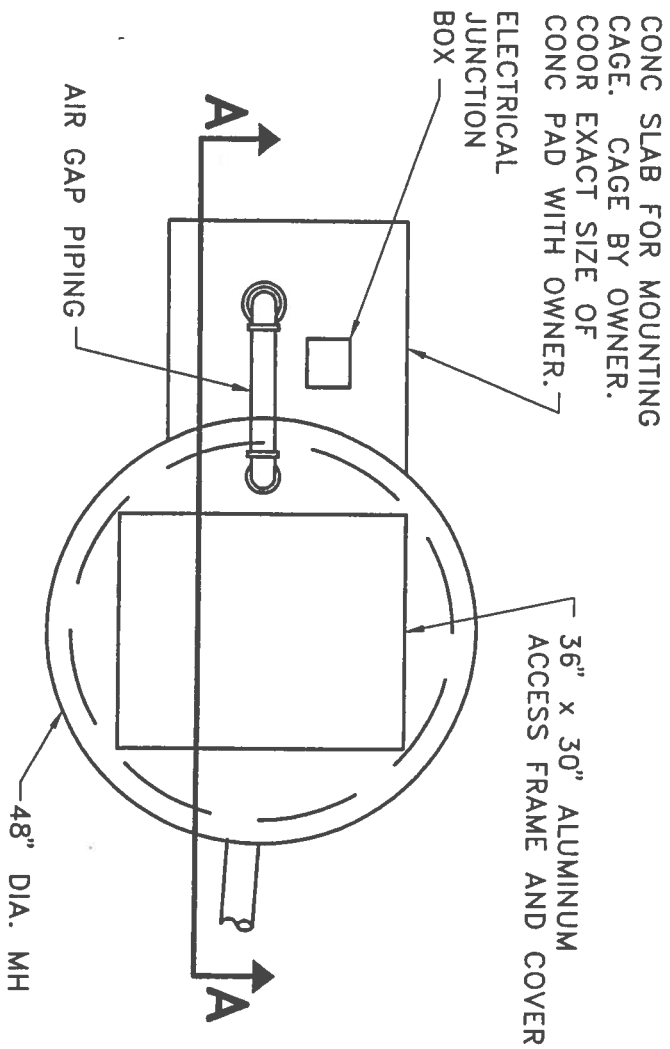


**8** DECK TO EXST DECK DETAIL  
NOT TO SCALE

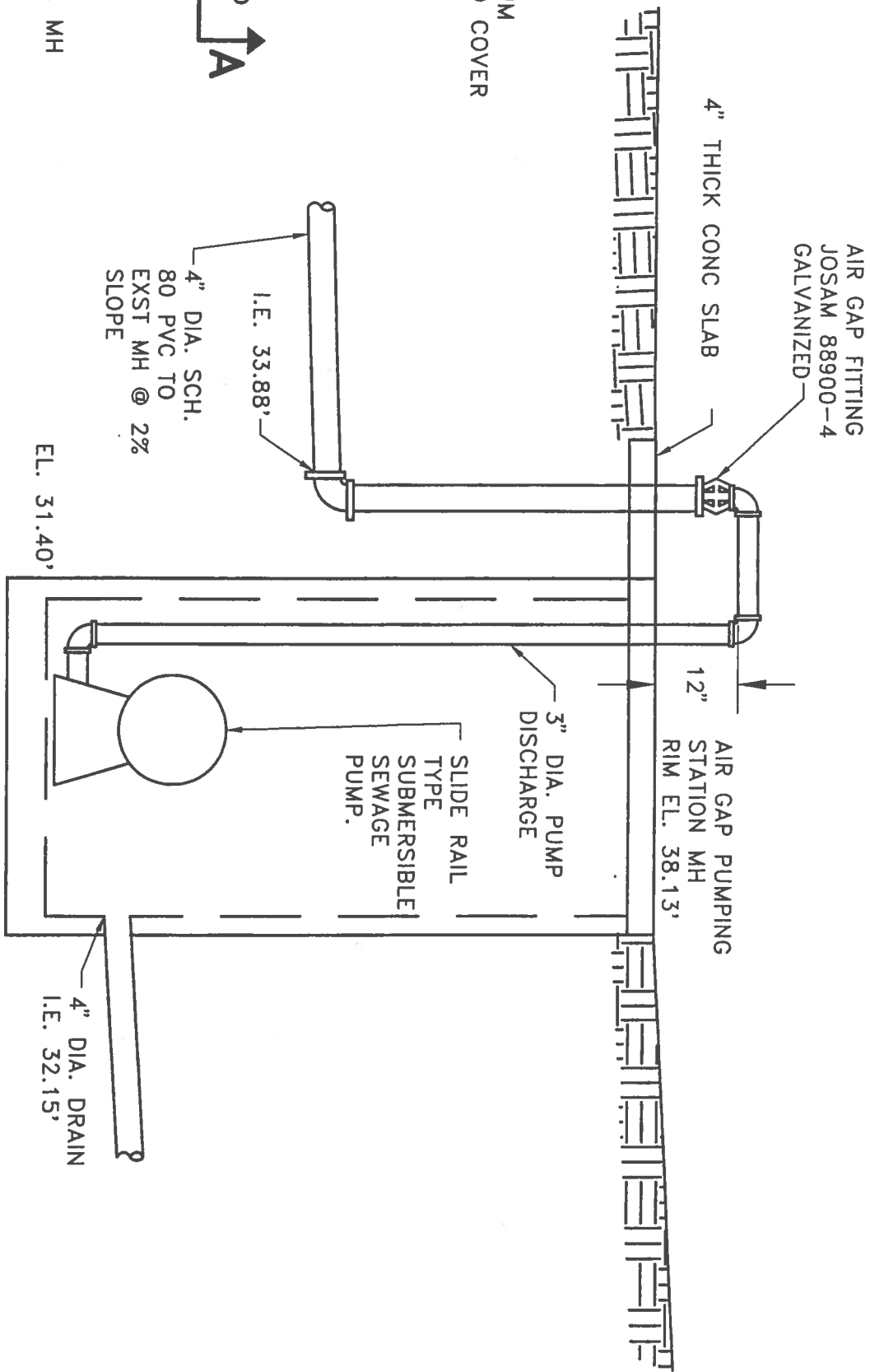
DATE	REVISION	BY

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

NET NO. <b>C-6</b>	PROJECT NO. <b>P412-02605</b>	SITE NO. <b>795</b>	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE <b>NTS</b>	DRAWN BY <b>JMO</b>
SHEET NO. <b>1 OF 17</b>	BUILDING NO. <b>4152</b>	SHEET DESCRIPTION <b>CONCRETE DETAILS</b>	DATE <b>8/1/02</b>	CHECKED BY <b>JMB</b>	



PLAN



SECTION A

**ALT. C** AIR GAP PUMPING STATION

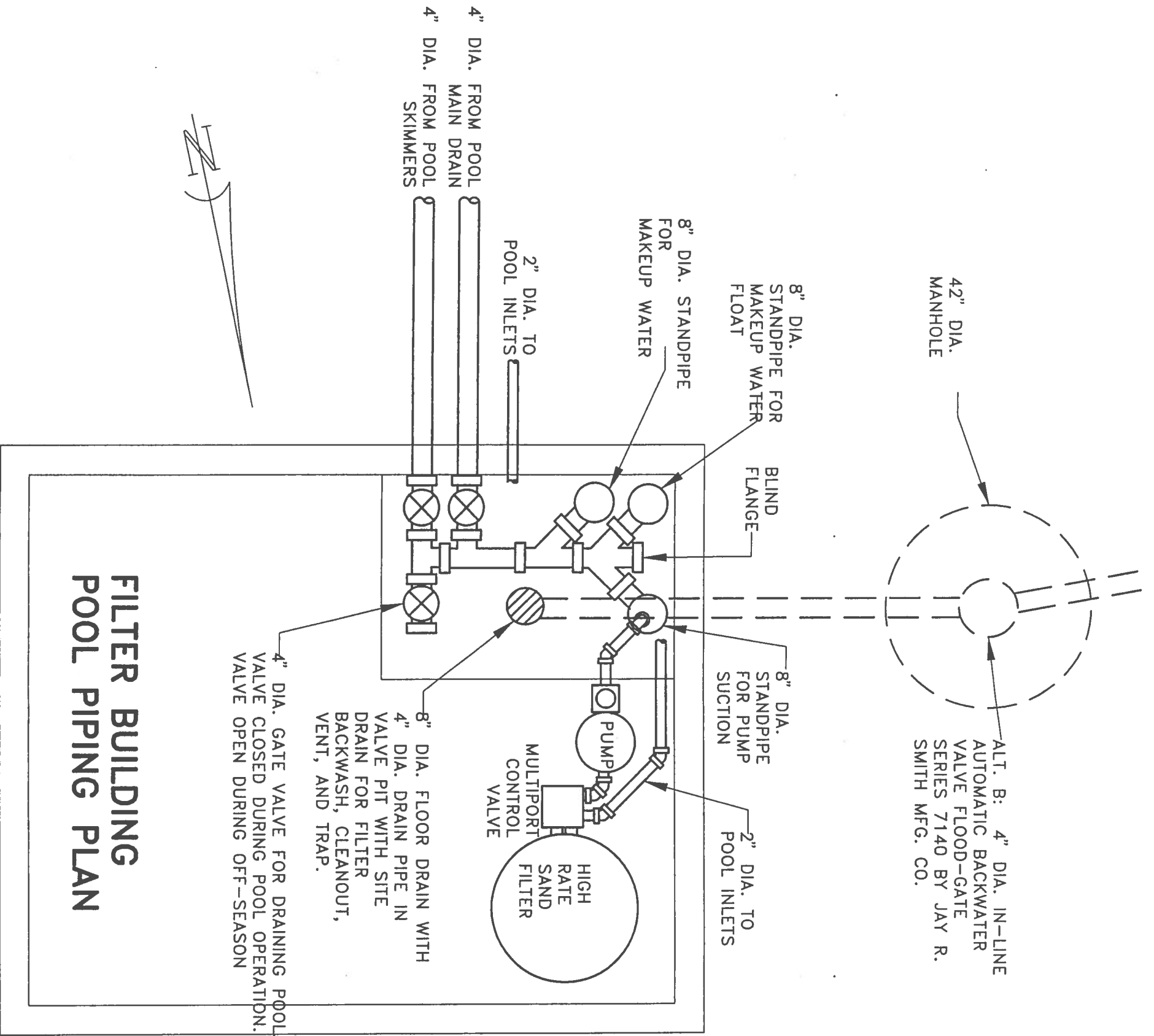
1"=2'

DATE	REVISION	BY

SHEET NO. <b>C-7A</b>	PROJECT NO. P412-02605	SITE NO. 795	PROJECT TITLE WALKER SQUARE WADING POOL REHABILITATION	SCALE NTS	DRAWN BY JMO
8A OF 17	BUILDING NO. 4152	SHEET DESCRIPTION ALTERNATIVE C AIR GAP PUMPING STATION	DATE 8/1/02	CHECKED BY JMB	



MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208



**FILTER BUILDING  
POOL PIPING PLAN**

4" DIA. GATE VALVE FOR DRAINING POOL VALVE CLOSED DURING POOL OPERATION. VALVE OPEN DURING OFF-SEASON

8" DIA. FLOOR DRAIN WITH 4" DIA. DRAIN PIPE IN VALVE PIT WITH SITE DRAIN FOR FILTER BACKWASH, CLEANOUT, VENT, AND TRAP.


42" DIA. MANHOLE  
ALT. B: 4" DIA. IN-LINE AUTOMATIC BACKWATER VALVE FLOOD-GATE SERIES 7140 BY JAY R. SMITH MFG. CO.



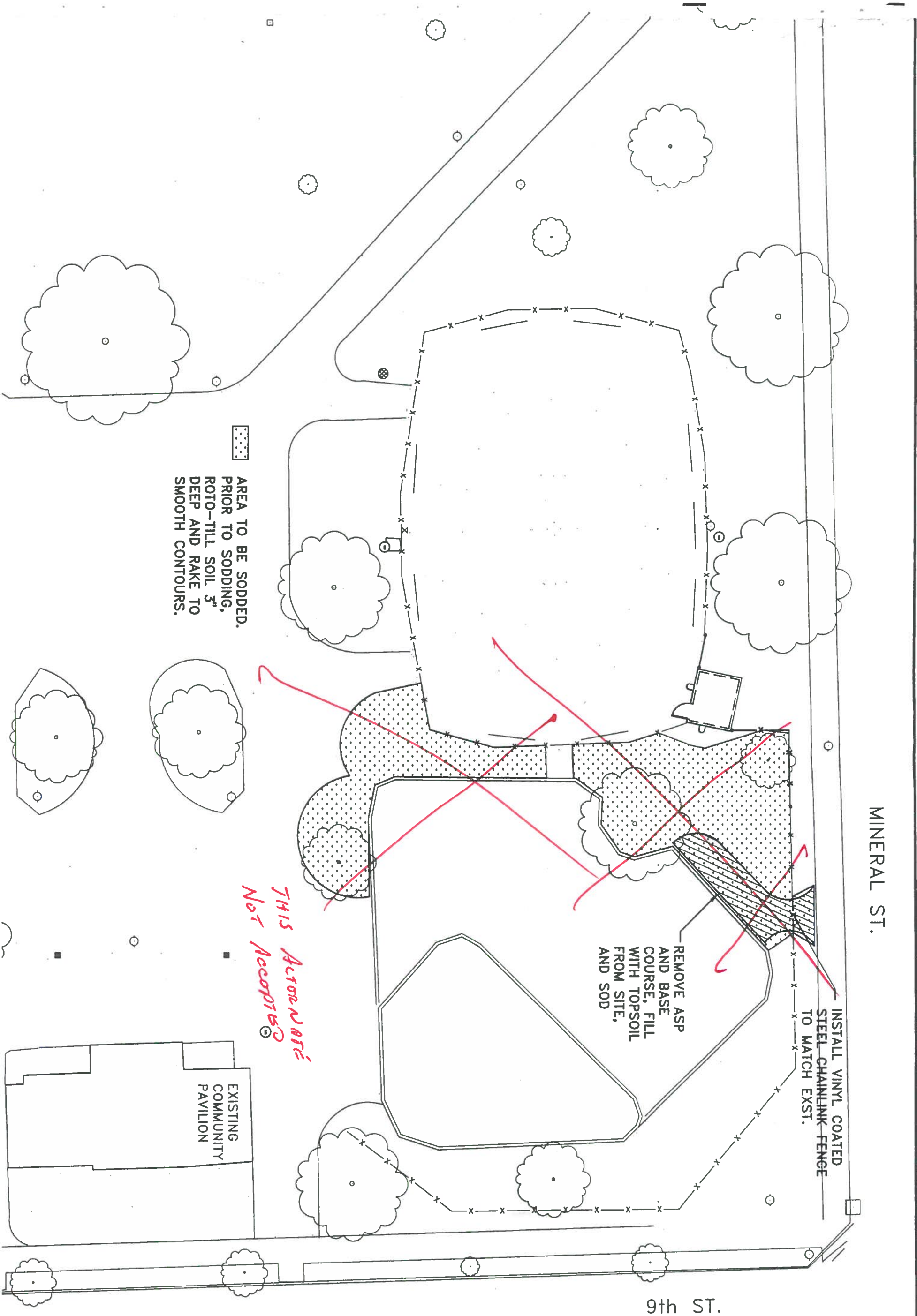
**NOTE:**  
THIS SHEET PROVIDED FOR CONTRACTOR INFORMATION ONLY. OWNER TO PURCHASE AND INSTALL POOL EQUIPMENT SHOWN WITHIN BUILDING. SEE BUILDING PLANS FOR WORK INCLUDED IN CONTRACT FOR BUILDING.

DATE	REVISION	BY

	<b>MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS</b> ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES	
	CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208	

SHEET NO. <b>C-7</b>	PROJECT NO. <b>P412-02605</b>	SITE NO. <b>795</b>	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE <b>NTS</b>	DRAWN BY <b>JMO</b>
B OF 17	BUILDING NO. <b>4152</b>	SHEET DESCRIPTION <b>FILTER ROOM DETAILS (FOR INFORMATION ONLY)</b>	DATE <b>8/1/02</b>	CHECKED BY <b>JMB</b>	



AREA TO BE SODDED.  
 PRIOR TO SODDING,  
 ROTO-TILL SOIL 3"  
 DEEP AND RAKE TO  
 SMOOTH CONTOURS.

REMOVE ASP  
 AND BASE  
 AND COURSE, FILL  
 WITH TOPSOIL  
 FROM SITE,  
 AND SOD

INSTALL VINYL COATED  
 STEEL CHAINLINK FENCE  
 TO MATCH EXST.

*THIS AREA NOT  
 ACCEPTABLE*

MINERAL ST.

9th ST.



DATE	REVISION	BY

SHEET NO. <b>C-8</b>	PROJECT NO. <b>P412-02605</b>	SITE NO. <b>795</b>	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE <b>1"=20'</b>	DRAWN BY <b>JMO</b>
		BUILDING NO. <b>4152</b>	SHEET DESCRIPTION <b>ALT. D: ASPHALT REMOVAL &amp; ADDITIONAL SODDING</b>	DATE <b>8/1/02</b>	CHECKED BY <b>JMB</b>



MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURE, ENGINEERING AND  
 ENVIRONMENTAL SERVICES  
 CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208



## INTAKE AND EXHAUST FAN SCHEDULE

NO.	HP	RPM	VOLTS	PH	HTZ	EXHAUST DAMPER	BLADE DIA.	AMPS	CFM AT 0.0' WC	METHOD OF CONTROL	DAYTON MODEL NO.	NET WEIGHT
EF-1	1/6	1128	120	1	60	4Hx66 W/ MOTOR	16	2.2	2072	WITH 'ON' LIGHT SWITCH	4YC48	68 lbs

## MOTOR SCHEDULE


ASSOC. ITEM	NO.	HP	VOLTS	PH	HTZ	AMPS	RPM	FUSE	LOCATION	COMMENT
EF-1, EXHAUST	1	1/6	120	1	60	2.2	1050		FUSED JB	PER CONTRACT
DAMPER-IN	2		120	1	60		1050	SIZE TO FIT	FUSED JB	PER CONTRACT
DAMPER-OUT	3		120	1	60		1147	SIZE TO FIT	FUSED JB	PER CONTRACT
POOL PUMP	4	3	230	1	60	30	3450	SIZE TO FIT	POOL PANEL	BY OWNER
CHLORINE PUMP	5	1/4	120	1	60	6	1725	SIZE TO FIT	POOL PANEL	BY OWNER
AIR GAP PUMP	6	1.0	230	1	60	12.3	1750	SIZE TO FIT	AIR GAP PANEL	ALTERNATE C

**GENERAL NOTES:**

1. DESIGN FOR EXHAUST AIRFLOW REQUIREMENTS AT 2.0 CFM PER SQUARE FOOT.
2. VERIFY EQUIPMENT CONNECTION REQUIREMENTS.
3. DRAWING IS DIAGRAMMATIC AND SHALL NOT BE SCALED.
4. LOCAL AND STATE CODES SHALL GOVERN.
5. PLENUM THROUGH ROOF TO EXHAUST FAN SHALL BE SEALED COMPLETELY.

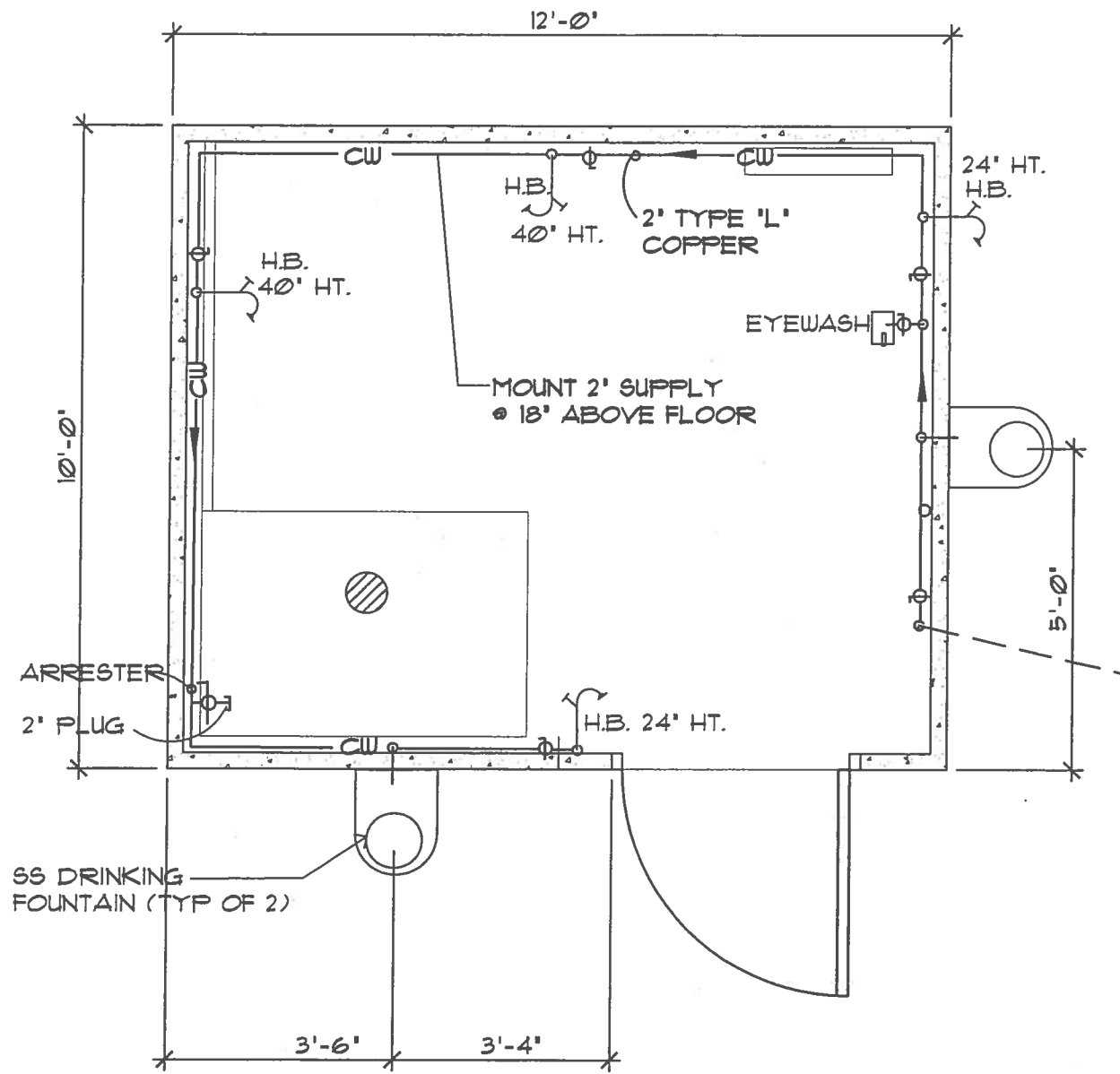
DATE: \_\_\_\_\_ EXTENSION: \_\_\_\_\_

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES



CITY CAMPUS 2711 N. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

<b>PROJECT NO.</b> P412 - 02805	<b>DATE PLOTTED</b> 795	<b>PROJECT TITLE</b> WALKER SQUARE WADING POOL REHABILITATION	<b>SCALE</b> NA	<b>DRAWN BY</b> JMB/JMO
<b>PROJECT NO.</b> P412 - 02805	<b>BUILDING NO.</b> 4152	<b>SECRET DESCRIPTION</b> MECHANICAL & ELECTRICAL SCHEDULE/NOTES	<b>DATE</b> 8/1/02	<b>CHECKED BY</b> WFR
<b>HEET NO.</b> ME--2	<b>OF SHEETS</b> 15 of 17			

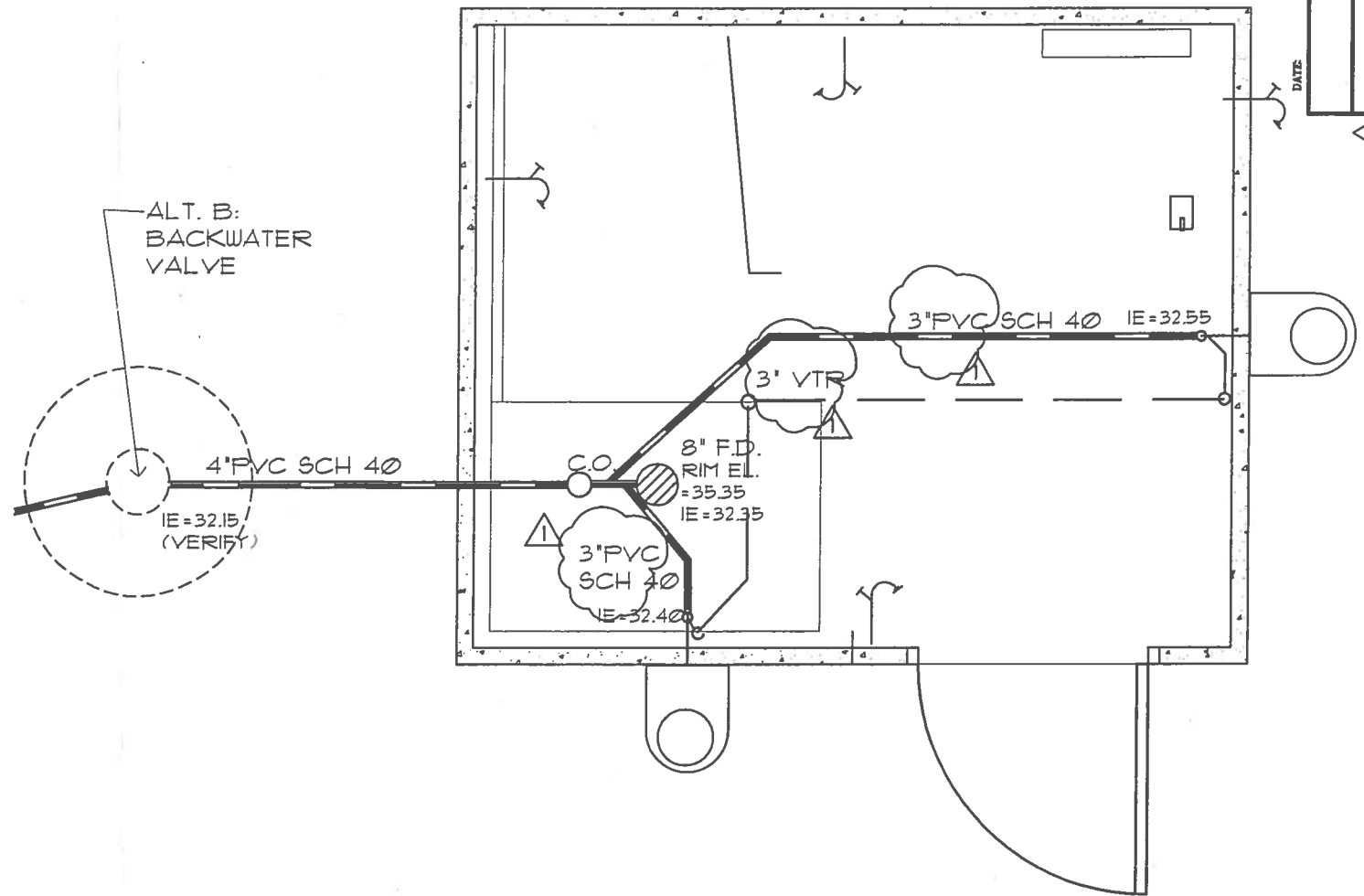


WATER SUPPLY PLAN

3/8"=1'-0"

NOTES:

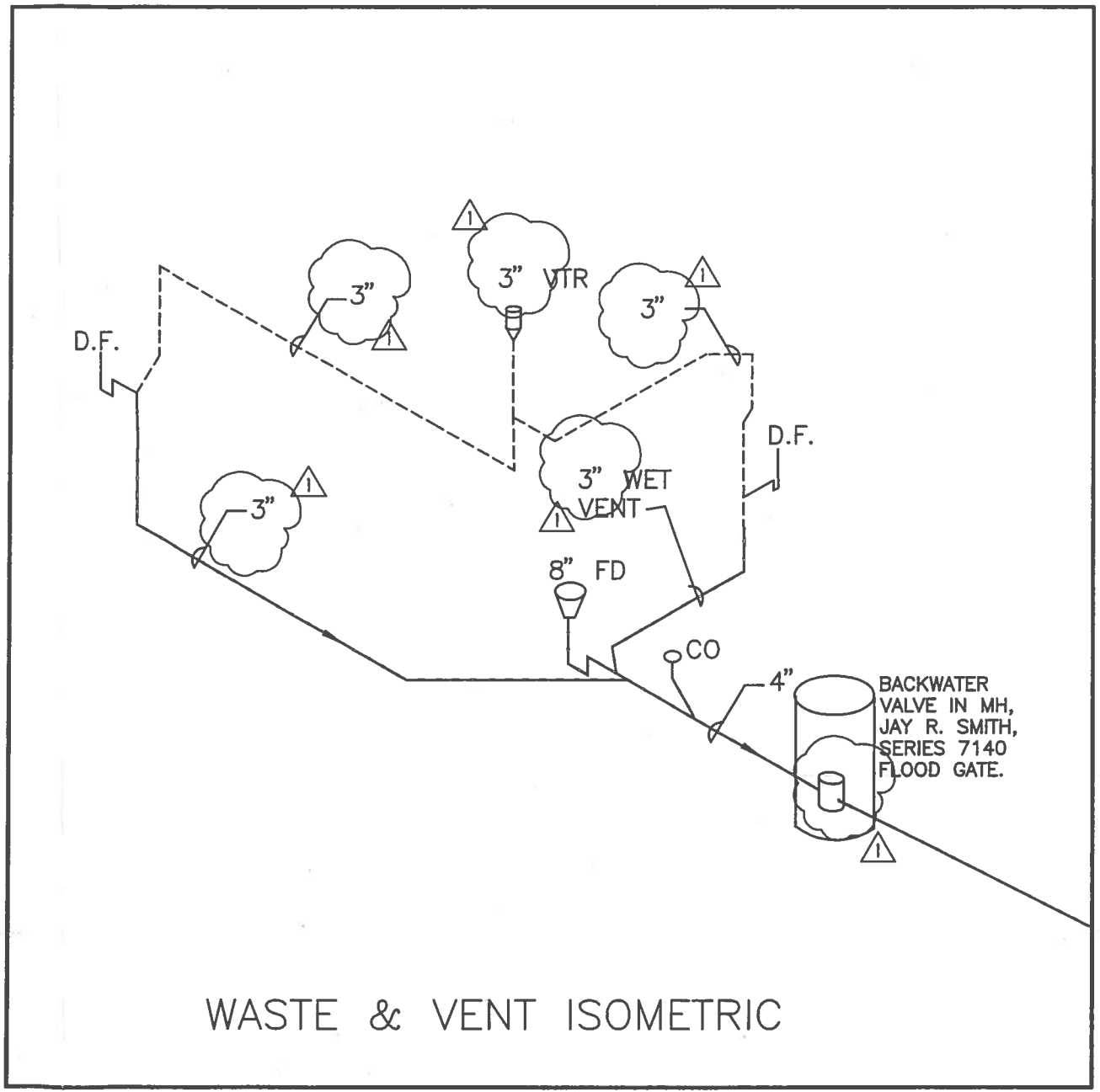
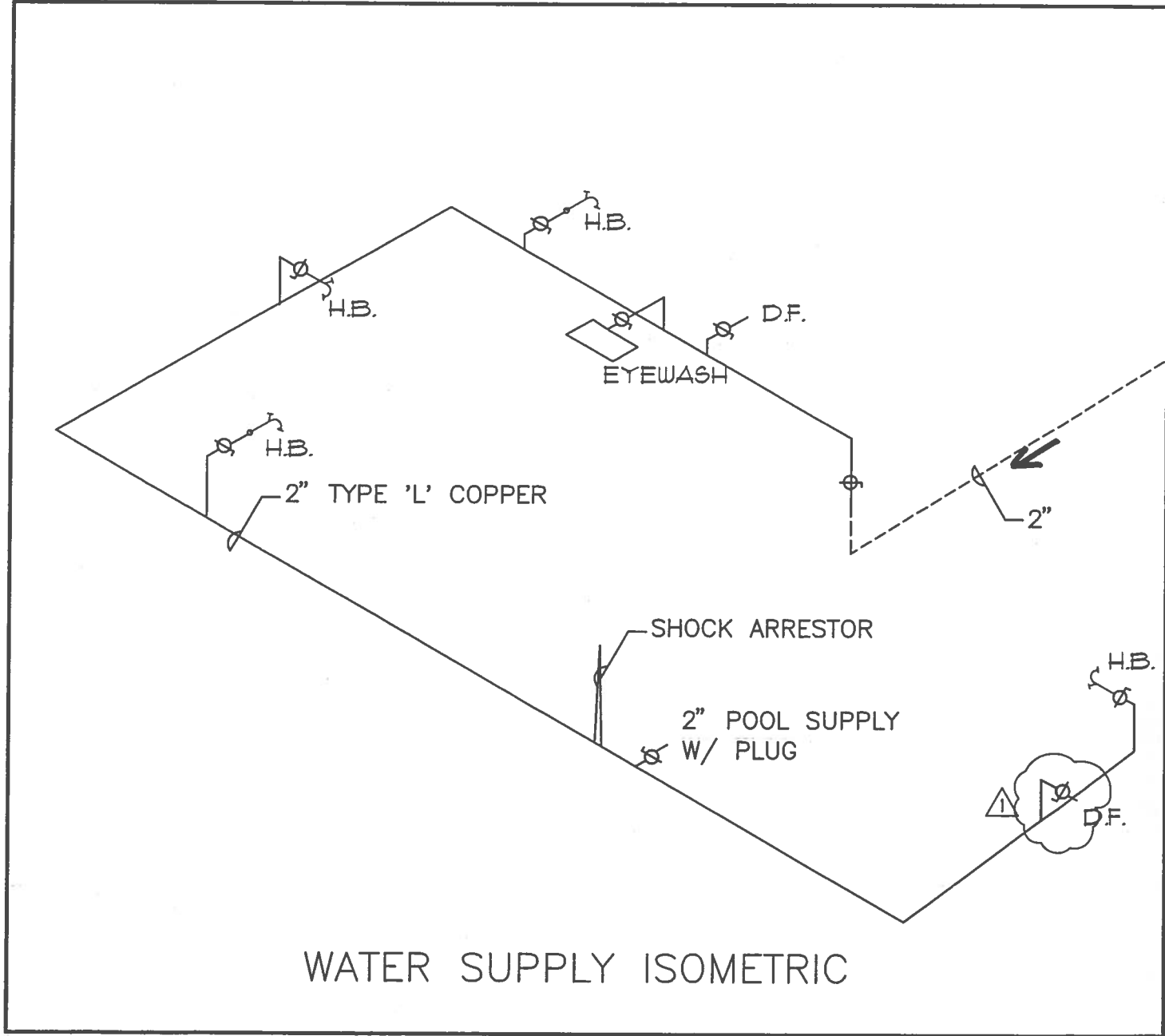
1. COORDINATE HOLES WITH BUILDING MANUFACTURER TO ELIMINATE CONFLICTS.
2. MAINTAIN SUPPLY PIPES TIGHT TO INTERIOR WALL.
3. FOR DETAILS AND EQUIPMENT NOT SHOWN ON PLANS, REFER TO SPECIFICATIONS.
4. VERIFY PLUMBING EQUIPMENT REQUIREMENTS.
5. CONTRACTOR SHALL PROVIDE ACCESSIBILITY TO ALL VALVES AND CONTROL DEVICES.
6. WALLS ARE 3' THICK
7. DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED
8. COORDINATE ALL EXTERIOR PIPING WITH CIVIL PLANS
9. WATER MUST ROUTE BELOW ALL ELECTRICAL PANELS AND DEVICES.



WASTE & VENT PLAN

3/8"=1'-0"

BY	JMB
DATE	8/26/02
REVISION	CHANGE 2' TO 3' PVC VENT, REMOVE TRAP
PROJECT NO.	P412-02605
SITE NO.	795
BUILDING NO.	4152
PROJECT TITLE	WALKER SQUARE POOL REHABILITATION
SHEET DESCRIPTION	PLUMBING PLAN
SHEET NO.	P-1
DATE	8/1/02
SCALE	3/8"=1'
DRAWN BY	JMB
CHECKED BY	JMO
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS	
ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES	
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208	



SHEET NO. <b>P-2</b>	PROJECT NO. <b>P412-02605</b>	SITE NO. <b>795</b>	PROJECT TITLE <b>WALKER SQUARE WADING POOL REHABILITATION</b>	SCALE <b>NA</b>	DRAWN BY <b>JMB</b>	DATE <b>8/26/02</b>	REVISION <b>1</b>	BY <b>JMB</b>
				SHEET DESCRIPTION <b>PLUMBING ISOMETRICS</b>	DATE <b>8/1/02</b>	CHECKED BY <b>jmo</b>	CHANGE <b>2" TO 3" PVC VENT, REMOVE TRAP</b>	
FILE NO. <b>17 of 17</b>	MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208							

**LEGEND:**

□ ⊗ EXISTING CATCH BASIN OR INLET	— x — x — EXISTING FENCE	————— EXISTING PAVEMENT
○ EXISTING LIGHT POLE	— w — EXISTING UNDERGROUND WATER LINE	————— EXISTING CURBFACE
○ EXISTING MANHOLE	— e — EXISTING UNDERGROUND ELECTRIC LINE	— x — x — PROPOSED FENCE
* EXISTING CONIFEROUS TREE	— l — EXISTING UNDERGROUND LIGHTING	— w — PROPOSED UNDERGROUND WATER LINE
○ EXISTING DECIDUOUS TREE	— ss — EXISTING UNDERGROUND STORM SEWER	— e — PROPOSED UNDERGROUND ELECTRIC LINE
∨ SOD AREA	— cs — EXISTING UNDERGROUND COMBINED SEWER	— san — PROPOSED SANITARY SEWER
• IRON PIPE (PROPERTY CORNER)	— un — EXISTING UNDER DRAIN	— ps — PROPOSED UNDERGROUND POOL SUPPLY
⊕ SURVEY CONTROL POINT	— ps — EXISTING UNDERGROUND POOL SUPPLY	— pd — PROPOSED UNDERGROUND POOL DRAIN
	— pd — EXISTING UNDERGROUND POOL DRAIN	————— PROPOSED PAVEMENT
	~~~~~ EXISTING TREE/BUSH LINE	~~~~~ PROPOSED TREE/BUSH LINE
		XXXXXXXXXX BUTT JOINT

# MILWAUKEE COUNTY WALKER SQUARE WADING POOL REHABILITATION

1031 South 9th Street  
Milwaukee, Wisconsin 53204

P412-02605

AUGUST 1, 2002

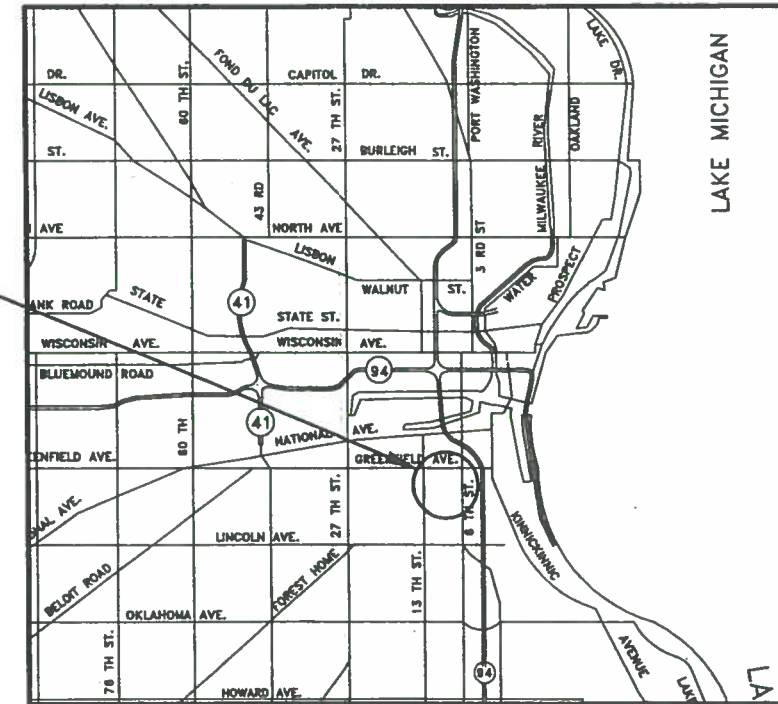
**ABBREVIATIONS:**

ASP ASPHALT	I.E. INVERT ELEVATION
CABC CRUSHED AGGREGATE BASE COURSE	MAX MAXIMUM
CB CATCH BASIN	MIN MINIMUM
C.I. CAST IRON	MH MANHOLE
CONC CONCRETE	O.C. ON CENTER
COND CONDUIT	PAVT PAVEMENT
D.F. DRINKING FOUNTAIN	PIP POURED IN PLACE
DIA. DIAMETER	PROP PROPOSED
EL ELEVATION	PVC POLYVINYL CHLORIDE
EXST EXISTING	R RADIUS
EW EACH WAY	TYP TYPICAL
G.W.I. GALVANIZED WROUGHT IRON	VSP VITRIFIED SEWER PIPE
H.B. HOSE BIBB	WEPCO WI ELECTRICAL POWER CO
HP HIGH POINT	X EXTRA

**DRAWING INDEX:**

T-1 COVER SHEET	A-1 FLOOR PLAN/REFLECTED CEILING
C-1 EXISTING CONDITIONS/SITE DEMOLITION	A-2 ELEVATIONS & NOTES
C-2 SITE LAYOUT	A-3 SECTIONS
C-3 SITE UTILITIES	A-4 ROOF DETAILS
C-4 POOL PIPING PLAN	ME-1 POWER/LIGHTING LAYOUT
C-5 POOL DETAILS	ME-2 MECHANICAL & ELECTRICAL NOTES/SCHEDULE
C-6 CONCRETE DETAILS	P-1 PLUMBING PLAN
C-7 FILTER ROOM PIPING	P-2 PLUMBING ISOMETRICS
C-7A ALT. C - AIR GAP PUMPING STATION	
C-8 ALT. D - ASPHALT REMOVAL AND ADDITIONAL SODDING	

PROJECT VICINITY



Wm. SACKERSON CONSTR. CO.  
4749 So. Whitnall Ave.  
Box 318  
Cudahy, WI 53110-0318  
788-0988

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

**DIGGERS HOTLINE**  
CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE  
MILW. AREA 259-1181

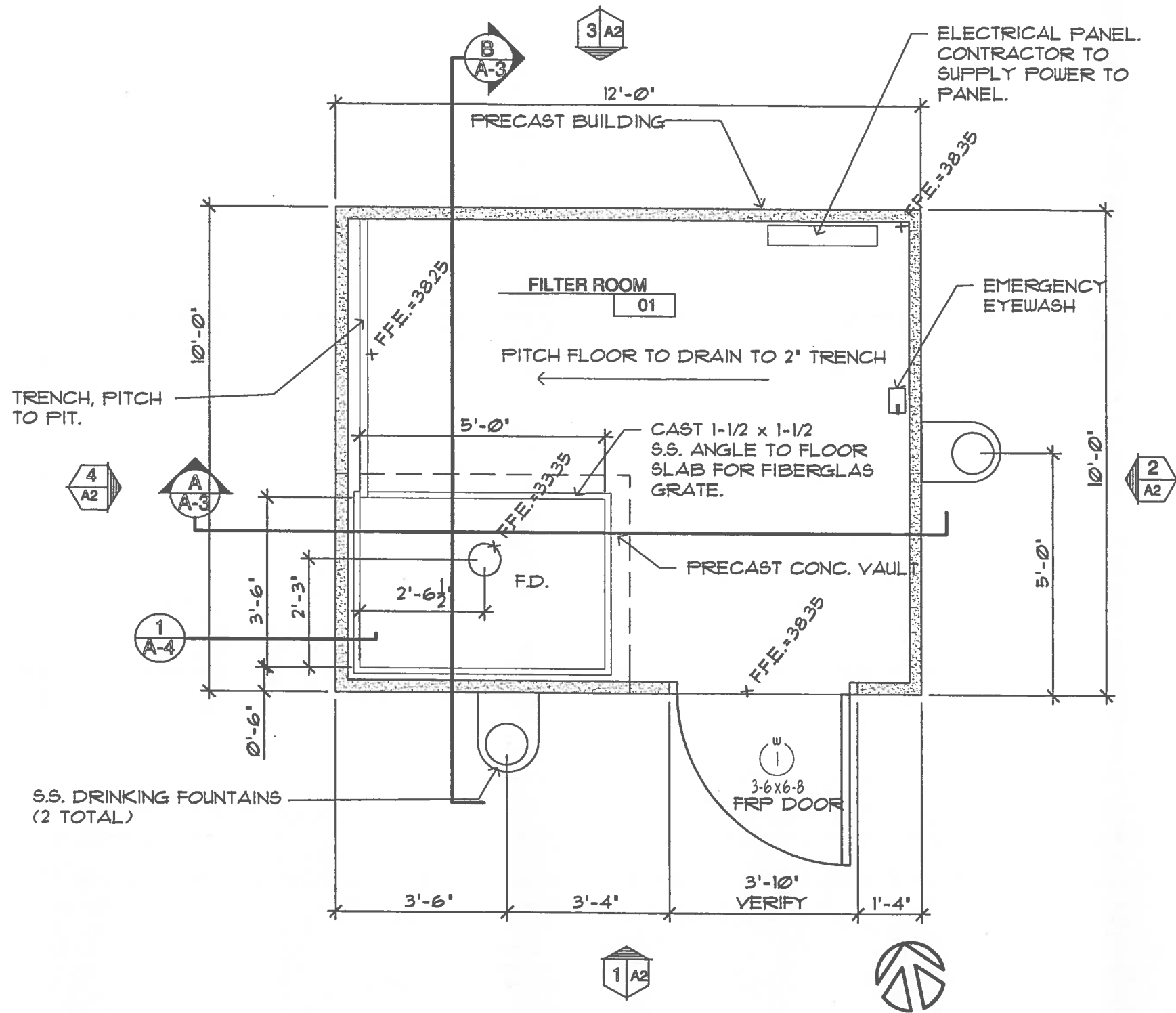
*AS-BUILT DRAWINGS*  
*Jim Sakerson*

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE AND ENGINEERING DIVISION  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208



RECOMMENDED FOR APPROVAL BY: *James J. Balda - 6-2-Weed*  
DATE: 8-1-02  
PROJECT APPROVAL BY: *[Signature]*  
DATE: 8-1-02  
PROJECT MANAGER: *[Signature]*  
DATE: 8/1/02

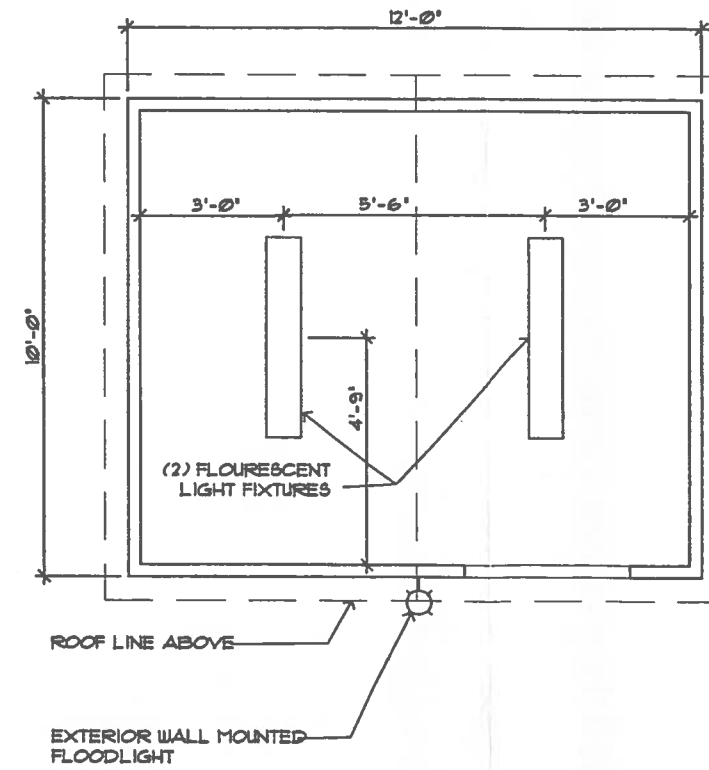
BUILDING NO. <b>4152</b>
SITE NO. <b>785</b>
PROJECT NO. <b>P412-02605</b>
SHEET NO. <b>T - 1</b>
<b>1 OF 17</b>
FILE NO.



3/8" CONSTRUCTION PLAN

NOTES:

CONTRACTOR TO SUBMIT PRECAST CONCRETE BUILDING'S SHOP DRAWINGS TO PROJECT ENGINEER FOR APPROVAL. ALL OPENINGS, ANCHORS, TEMPLATES AND COLORS SHOULD BE SHOWN.



NOTE: THIS DRAWING FOR REFERENCE ONLY. OWNER TO PURCHASE AND INSTALL ELECTRICAL FIXTURES.

1/4" REFLECTED CEILING

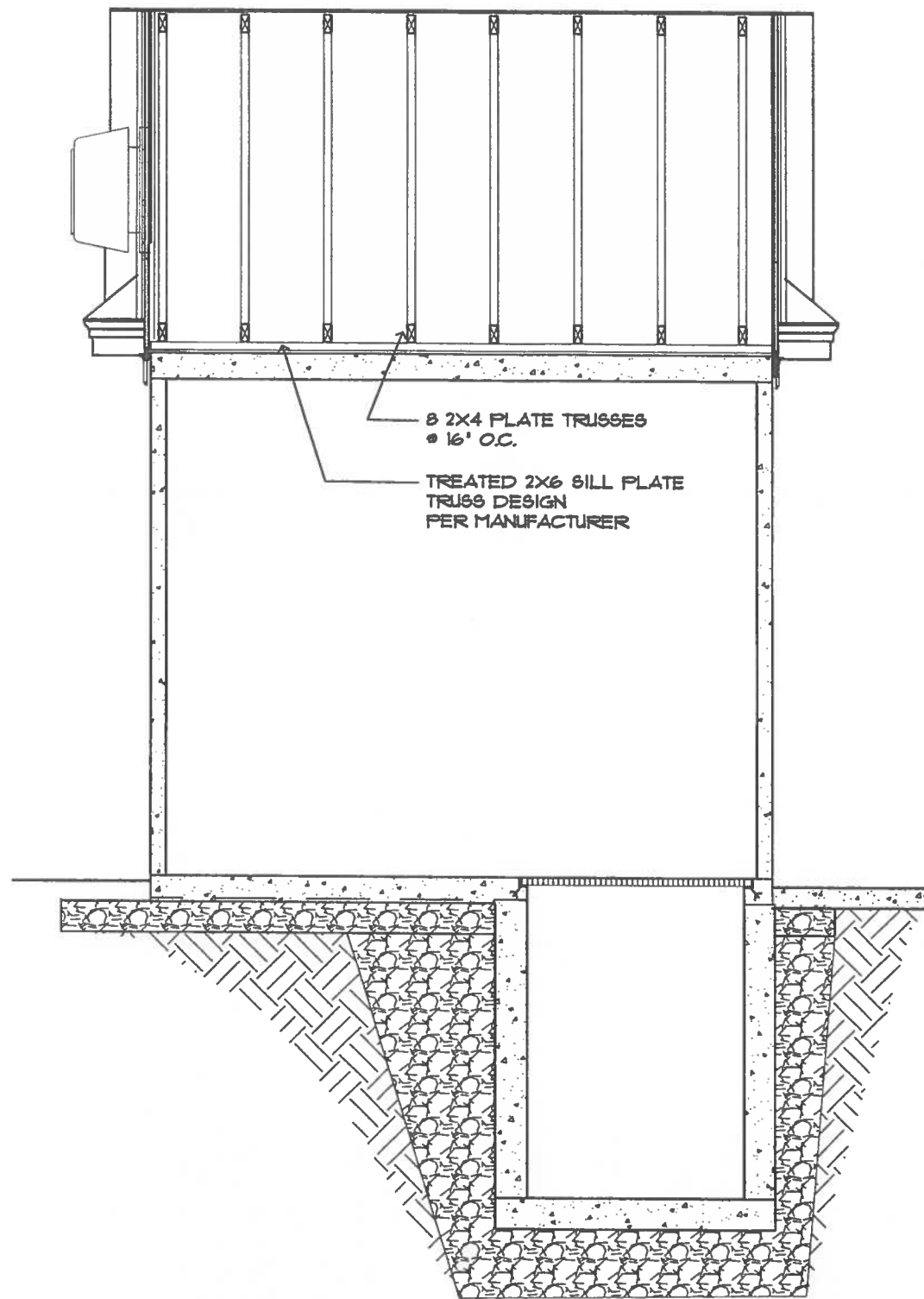
DATE	REVISION	BY

MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS  
 ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
 CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

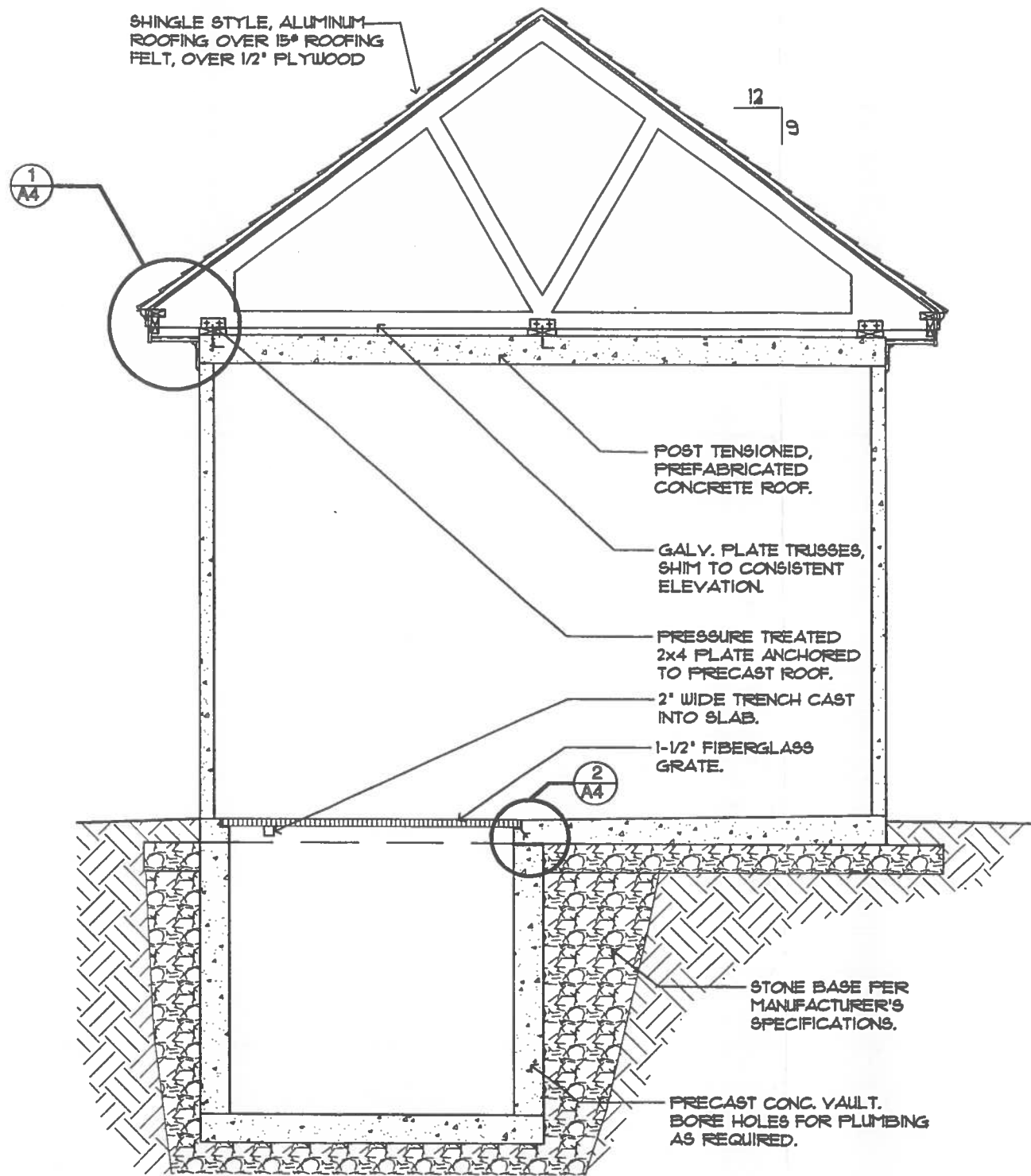


PROJECT NO.	P412-02605	DATE	8/1/02
PROJECT TITLE	WALKER SQUARE WADING POOL REHABILITATION	DRAWN BY	JMB
SHEET NO.	A-1	CHECKED BY	JMO
FILE NO.	10 of 17	SCALE	1/4" = 1'
		DATE	8/1/02
		PROJECT NO.	795
		BUILDING NO.	4152
		SHEET DESCRIPTION	FLOOR PLAN REFLECTED CEILING PLAN





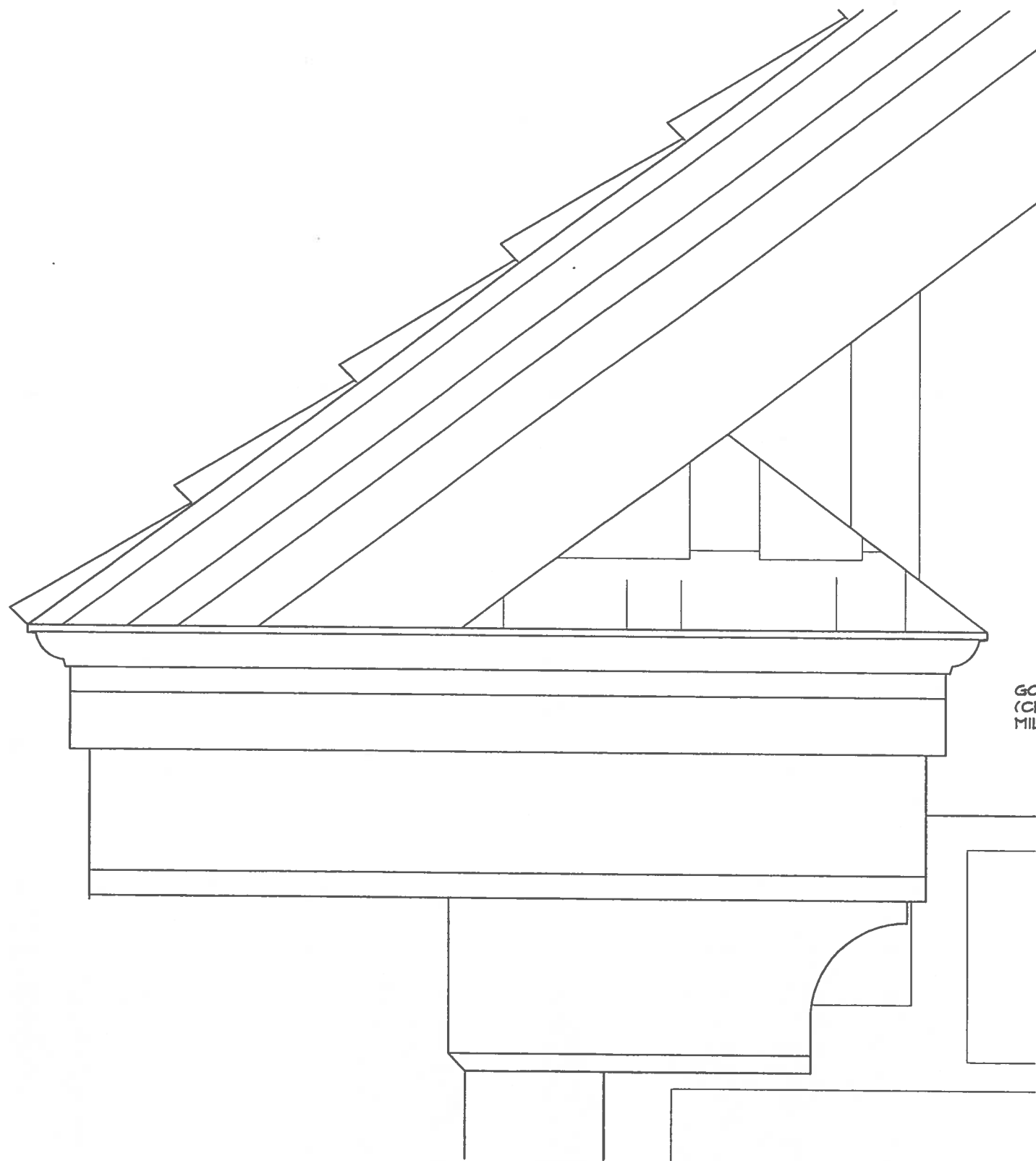
N-S SECTION @ FILTER BUILDING  
3/8" = 1'-0" (B) A-3



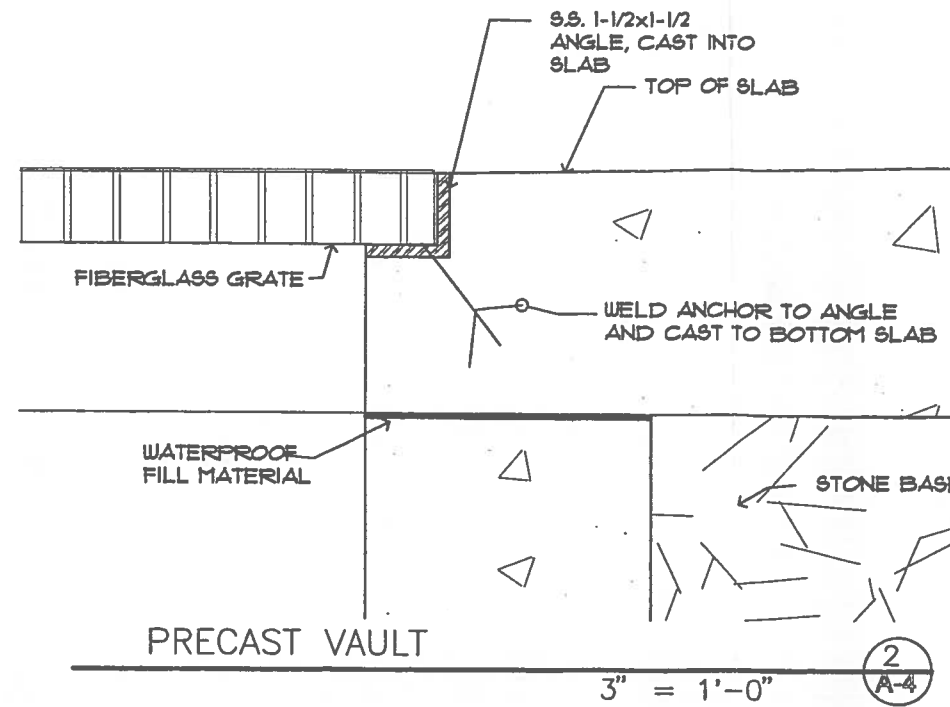
E-W SECTION @ FILTER BUILDING  
3/8" = 1'-0" (A) A-3

NOTE: REFER TO PLUMBING PLANS FOR  
DRAINS AND PLUMBING • INTERIOR AND  
BELOW GRADE.

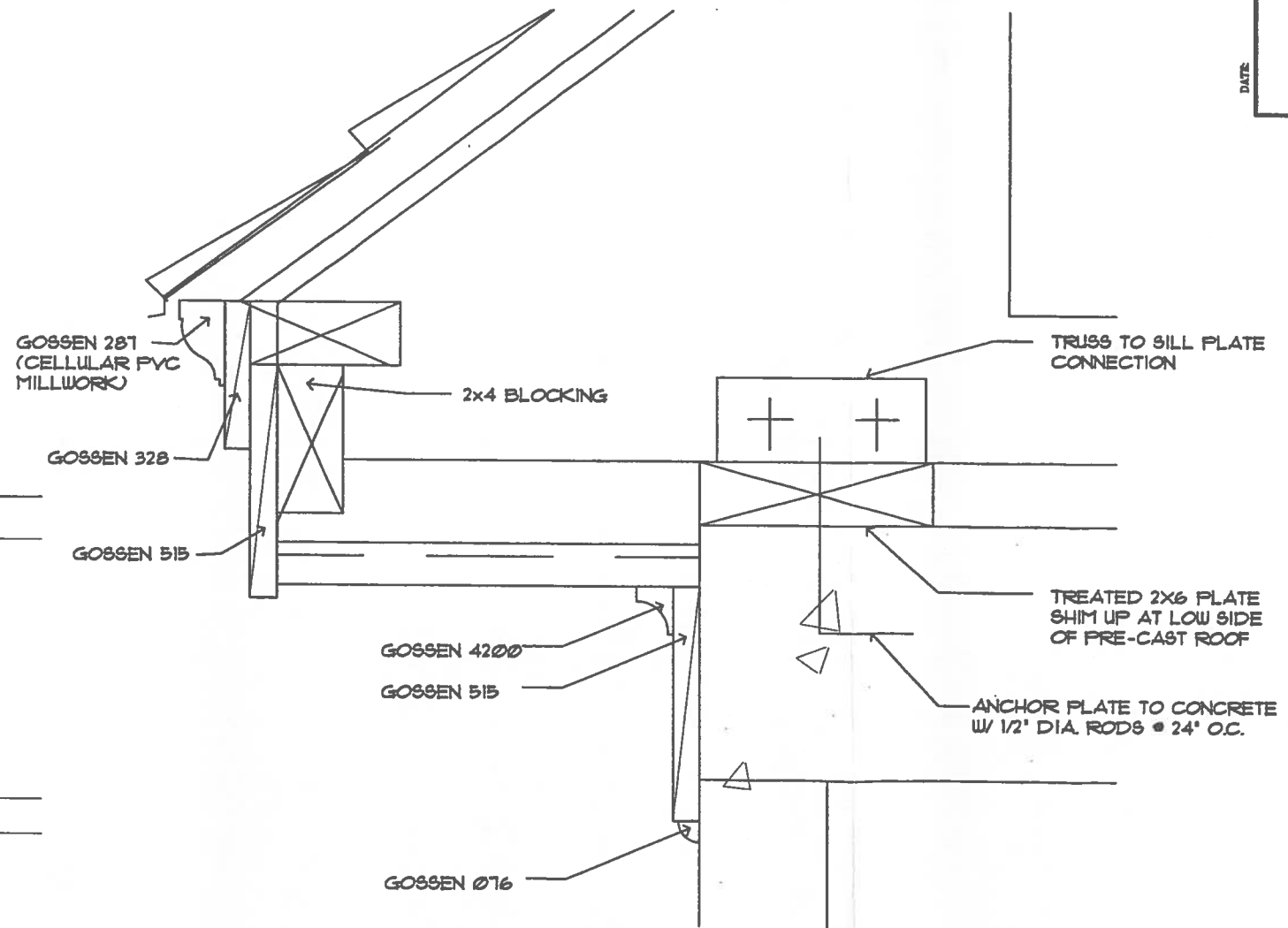
DATE	REVISION	BY
DATE	SCALE	DRAWN BY
8/1/02	3/8" = 1'	JMB
DATE	CHECKED BY	CHECKED BY
8/1/02	JMO	JMO
PROJECT TITLE	PROJECT NO.	SITE NO.
WALKER SQUARE WADING POOL REHABILITATION	795	795
SECTION DESCRIPTION	BUILDING NO.	BUILDING NO.
SECTIONS	4152	4152
PROJECT NO.	PROJECT NO.	PROJECT NO.
P412-02605	P412-02605	P412-02605
SECTION NO.	SECTION NO.	SECTION NO.
A-3	A-3	A-3
FILE NO.	FILE NO.	FILE NO.
12 of 17	12 of 17	12 of 17
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 N. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208		



ROOF TERMINATION  
3" = 1'-0" (3/A-4)



PRECAST VAULT  
3" = 1'-0" (2/A-4)



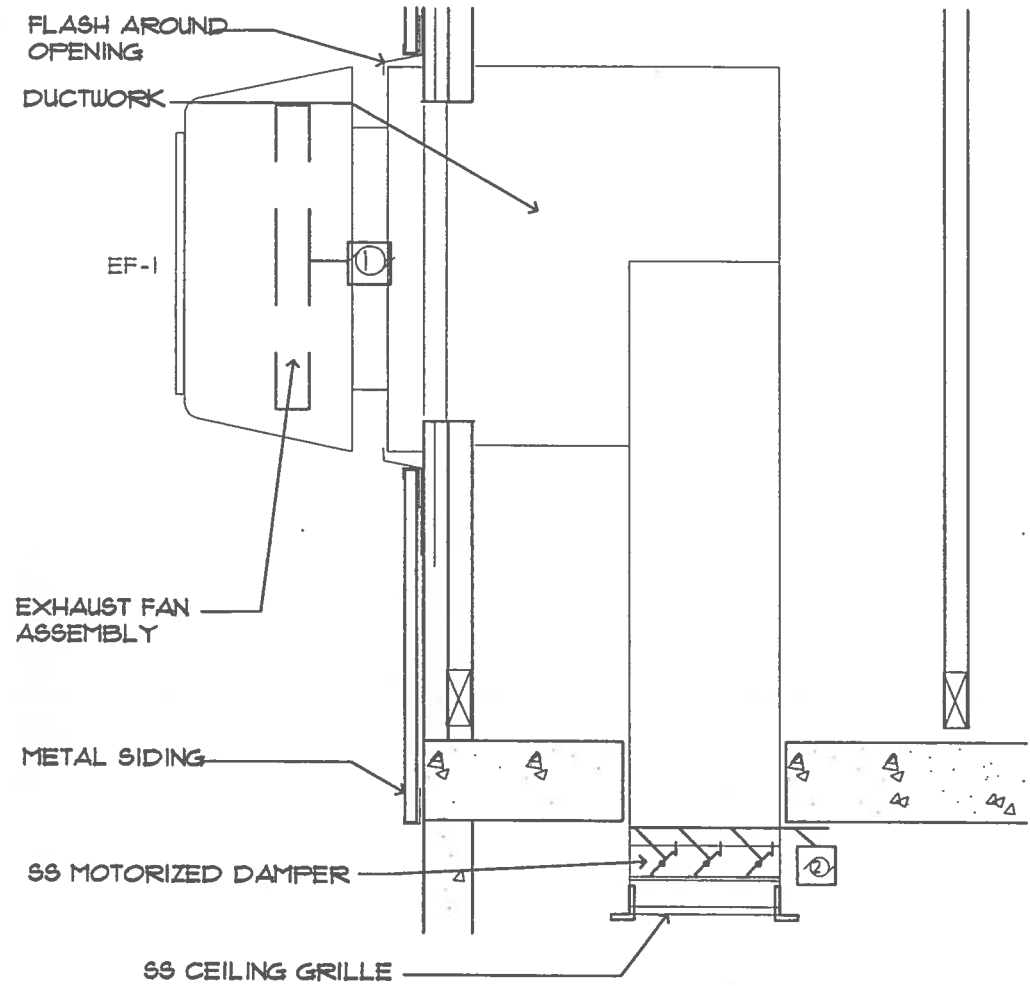
SECTION @ ROOF  
3" = 1'-0" (1/A-4)

DATE	REVISION	BY

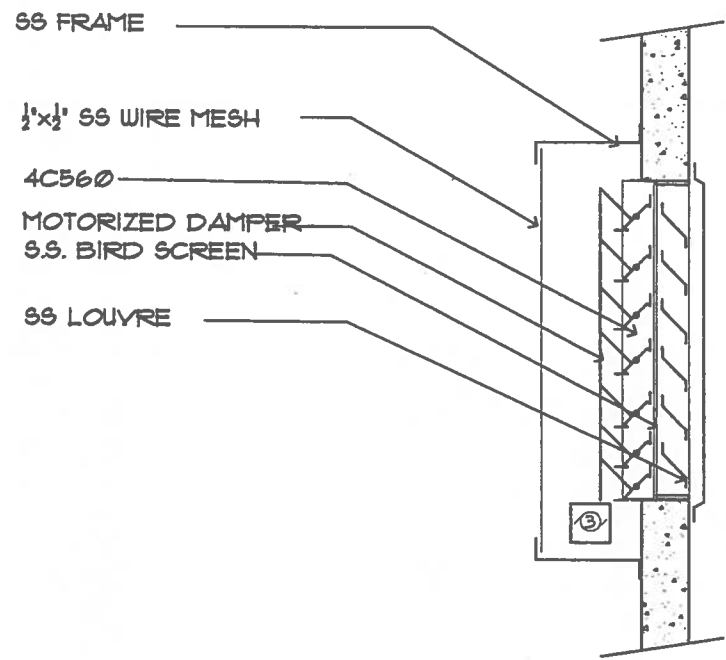
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CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

SCALE	DATE	DRAWN BY	CHECKED BY
1" = 1'	8/1/02	JMB	JMO

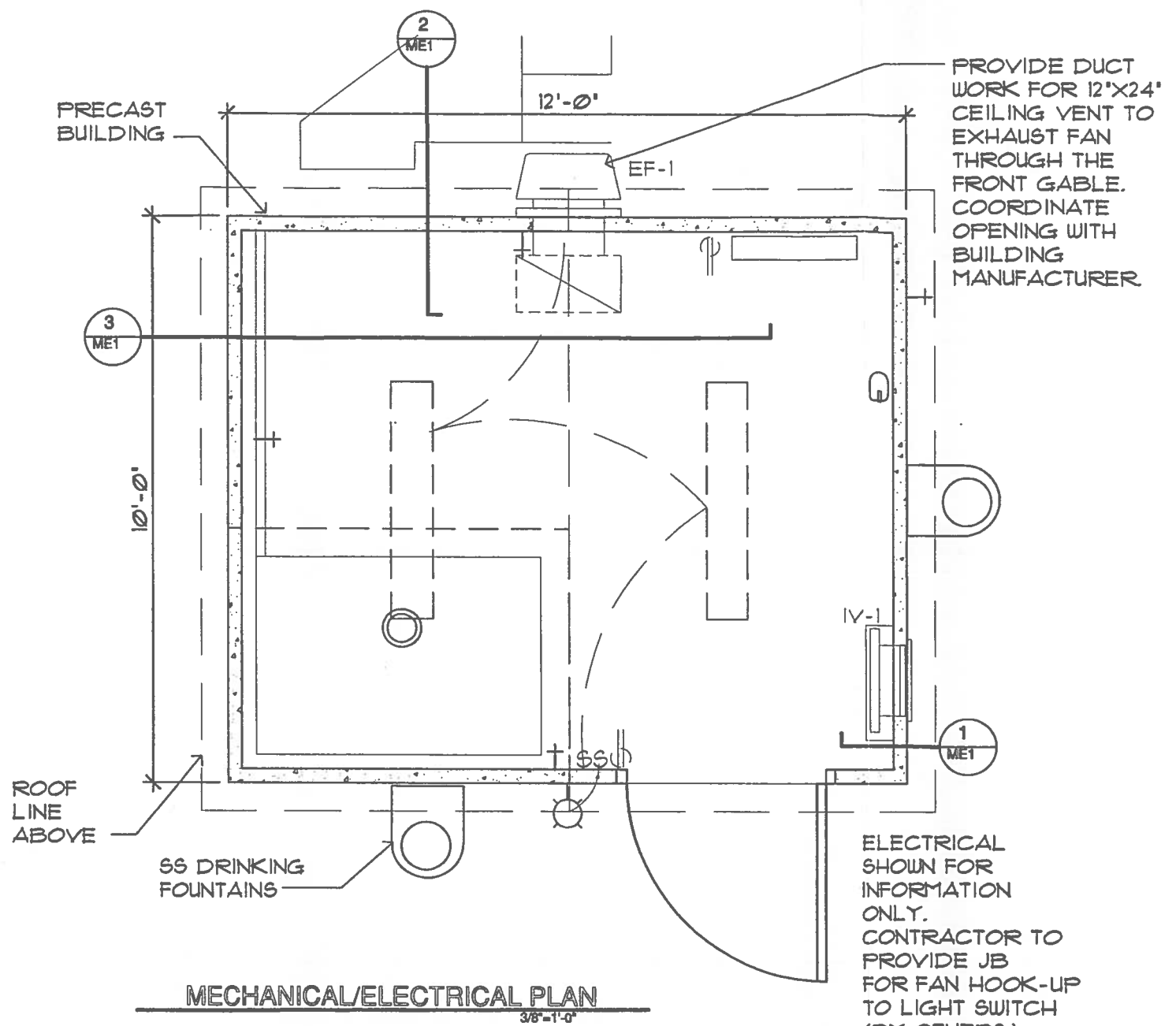
PROJECT NO.	SHEET NO.	PROJECT TITLE	SHEET DESCRIPTION
P412-02605	795	WALKER SQUARE WADING POOL REHABILITATION	ROOF DETAILS
SHEET NO.	FILE NO.		
A-4	13 of 17		



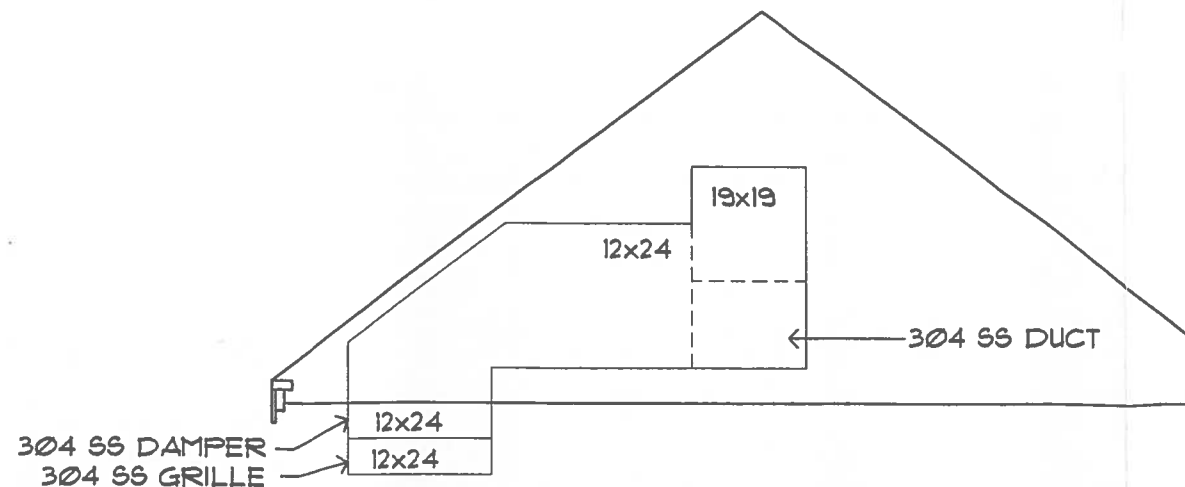
SECTION @ EXHAUST FAN  
NTS (2) ME-1



SECTION @ INTAKE VENT  
NTS (1) ME-1



MECHANICAL/ELECTRICAL PLAN  
3/8"=1'-0"



SECTION @ EXHAUST DUCT  
NTS (3) ME-1

**LEGEND**

	120V OUTLET
	SINGLE POLE SWITCH
	MOTOR
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	CEILING MOUNTED FLOURESCENT FIXTURE

DATE	REVISION	ST	WFR
DESIGN BY	JMB	CHECKED BY	WFR
SCALE	NA	DATE	8/1/02
PROJECT TITLE	WALKER SQUARE WADING POOL REHABILITATION		
SUITS NO.	795	BUILDING NO.	4152
PROJECT NO.	P412-02605		
SHEET NO.	ME-1	FILE NO.	14 of 17

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ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES  
CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208

## INTAKE AND EXHAUST FAN SCHEDULE


NO.	HP	RPM	VOLTS	PH	HTZ	EXHAUST DAMPER	BLADE DIA.	AMPS	CFM AT 0.0' WC	METHOD OF CONTROL	DAYTON MODEL NO.	NET WEIGHT
EF-1	1/6	1128	120	1	60	4Hx66 W/ MOTOR	16	2.2	2072	WITH 'ON' LIGHT SWITCH	4YC48	68 lbs

## MOTOR SCHEDULE

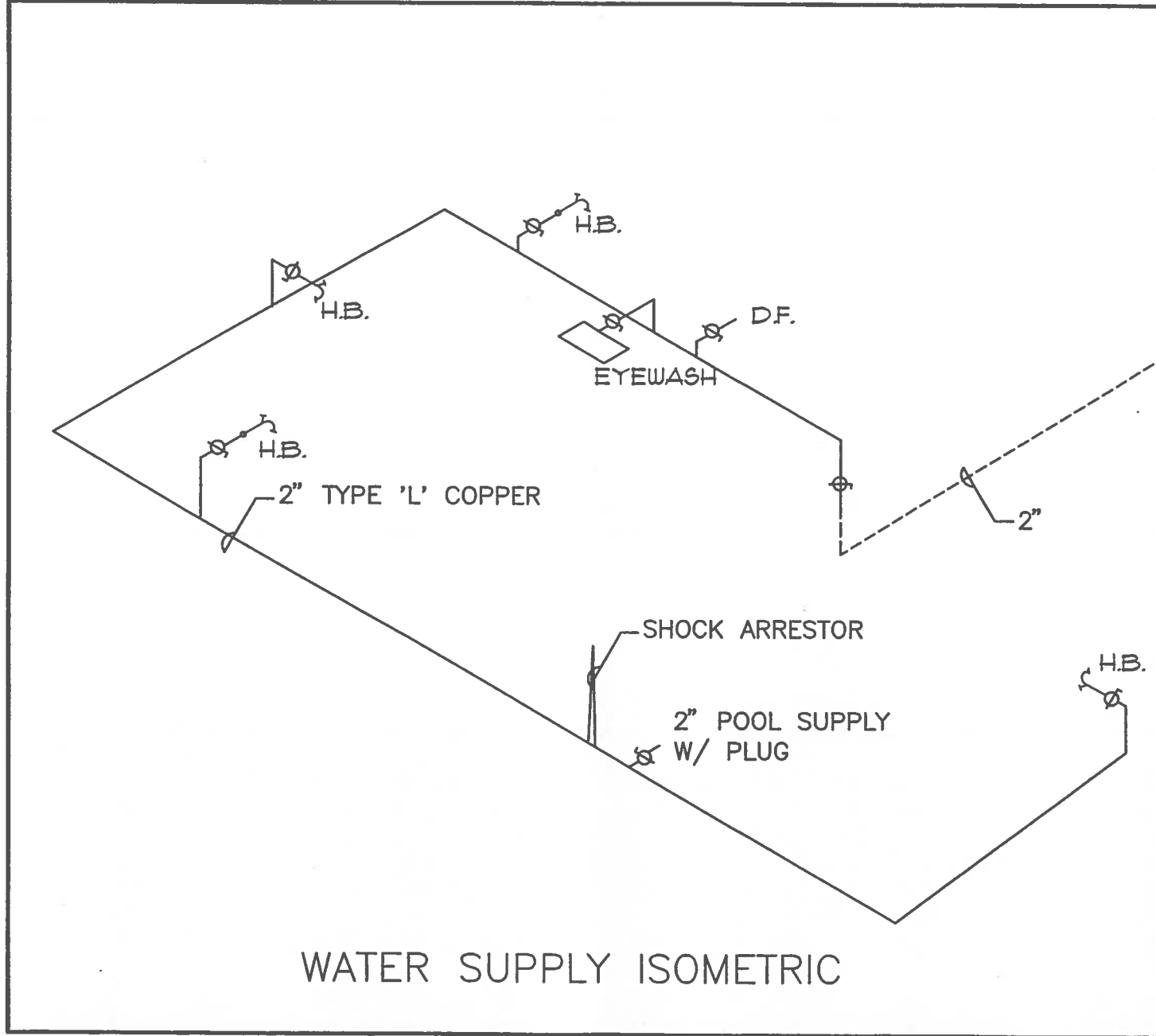
ASSOC. ITEM	NO.	HP	VOLTS	PH	HTZ	AMPS	RPM	FUSE	LOCATION	COMMENT
EF-1, EXHAUST	1	1/6	120	1	60	2.2	1050		FUSED JB	PER CONTRACT
DAMPER-IN	2		120	1	60		1050	SIZE TO FIT	FUSED JB	PER CONTRACT
DAMPER-OUT	3		120	1	60		1147	SIZE TO FIT	FUSED JB	PER CONTRACT
POOL PUMP	4	3	230	1	60	30	3450	SIZE TO FIT	POOL PANEL	BY OWNER
CHLORINE PUMP	5	1/4	120	1	60	6	1725	SIZE TO FIT	POOL PANEL	BY OWNER
AIR GAP PUMP	6	1.0	230	1	60	12.3	1750	SIZE TO FIT	AIR GAP PANEL	ALTERNATE C

**GENERAL NOTES:**

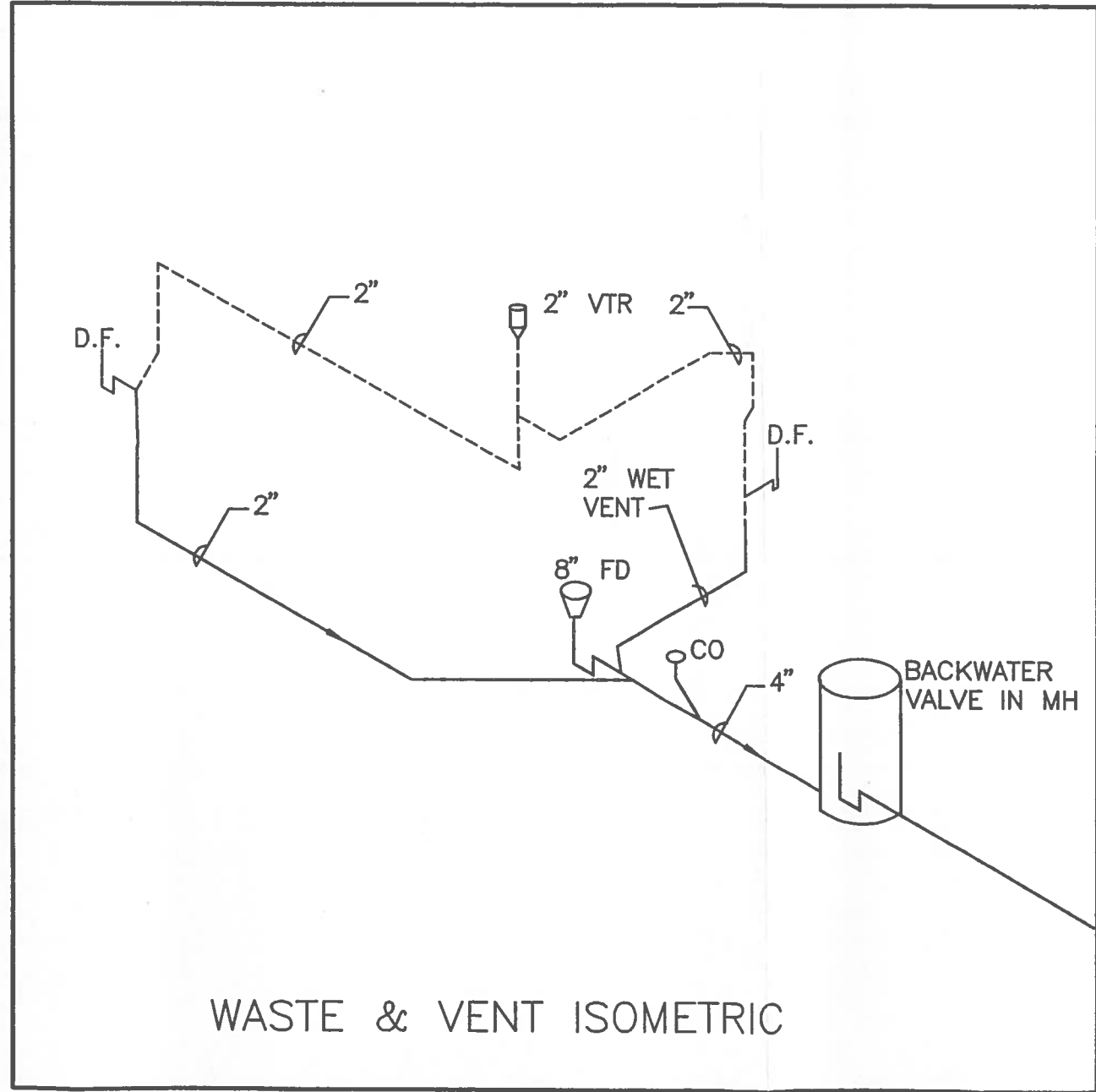
1. DESIGN FOR EXHAUST AIRFLOW REQUIREMENTS AT 2.0 CFM PER SQUARE FOOT.
2. VERIFY EQUIPMENT CONNECTION REQUIREMENTS.
3. DRAWING IS DIAGRAMMATIC AND SHALL NOT BE SCALED.
4. LOCAL AND STATE CODES SHALL GOVERN.
5. PLENUM THROUGH ROOF TO EXHAUST FAN SHALL BE SEALED COMPLETELY.

DATE	REVISION	BT	
			
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208			
PROJECT NO.	DRAWING NO.	DATE	SCALE
ME-2	795	8/1/02	NA
PROJECT NO.	PROJECT TITLE	SUBJECT DESCRIPTION	DRAWN BY
P412 - 02605	WALKER SQUARE WADING POOL REHABILITATION	MECHANICAL & ELECTRICAL SCHEDULE/NOTES	JMB/JMO
PROJECT NO.	BUILDING NO.	DATE	SCALE
15 of 17	4152	8/1/02	NA
PROJECT NO.	PROJECT TITLE	SUBJECT DESCRIPTION	DRAWN BY
ME-2	WALKER SQUARE WADING POOL REHABILITATION	MECHANICAL & ELECTRICAL SCHEDULE/NOTES	JMB/JMO
PROJECT NO.	BUILDING NO.	DATE	SCALE
15 of 17	4152	8/1/02	NA





WATER SUPPLY ISOMETRIC



WASTE & VENT ISOMETRIC

DATE	REVISION	BY
DATE	SCALE	DRAWN BY:
		JMB
DATE	SCALE	CHECKED BY:
8/1/02	NA	lmo
PROJECT NO.	PROJECT TITLE	SHEET NO.
P412-02605	WALKER SQUARE WADING POOL REHABILITATION	795
SHEET NO.	SHEET DESCRIPTION	BUILDING NO.
4152	PLUMBING ISOMETRICS	4152
SHEET NO.	FILE NO.	
P-2		
17 of 17		
FILE NO.		
MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WORKS ARCHITECTURE, ENGINEERING AND ENVIRONMENTAL SERVICES CITY CAMPUS 2711 W. WELLS ST. SECOND FLOOR MILWAUKEE, WI 53208		

Main Building with Restroom			
Material	Item	Unit	Est. Cost Cedis
Concrete	Cement - 94 lb.	Bag	
	Course Aggregate $\frac{3}{4}$ " Max.	CY	
	Fine Aggregate - Sand	CY	
	Water	Gal	Free ??
Masonry	Hollow Block - Size ?	Block	
	U Block - Size ?	Block	
	Solid Block	Block	
Grout	Foundation Block - Same as above	Block	
	Grout Cement - 94 lb.	Bag	
Lumber Treated ? Wood ?	Sand - Great Sand Fine Aggregate	Bag	CY
	2" x 6" Truss Board	16 Foot	
	2" x 4" Truss Board	14 Foot	
	2" x 4" Blocking for end of trusses	14 Foot	
	2" x 4" Truss Bracing	14 Foot	
	1" x 10" Fascia	14 Foot	NOT ALWAYS AVAILABLE IN 14 FT LENGTHS
	2" x 6" Top Plate	14 Foot	
	2" x 4" Purlin	14 Foot	
	2" x 4" Purlin Blocking	14 Foot	
	2" x 4" Truss Bracing	14 Foot	
Rebar	Door & Window Lintel Rebar (#4)	Linear Foot	10 Meters
	Bond Beam Door Lintel Rebar (#6)	Linear Foot	10 Meters
$\frac{3}{4}$ "	Pilaster Rebar (#4)	Linear Foot	10 Meters
	19 mm Truss Bolts x Length (?)	Each	
	$\frac{1}{2}$ " 19 mm Bond Beam Bolts	Each	Have used $\frac{1}{2}$ " U-bolts cut in half. Also needs washers and nuts.
	19 mm washers # 19 mm Hex Nuts	Each	
	20 p 0.5 4" nails 16 # $3\frac{1}{2}$ "	Kilogram	
Steel	10d 3" 6" nails ?	Kilogram	Not sure that these are required.
	Metal Roof Sheeting (Includes Connections)	Square Foot	
	Gutter (Includes Sealant, Outlets, and Hangers)	Linear Foot	
Downspouts	2" x 6" Wall Bracing	14 Foot	

- Metal Ridge Cap  
- Screws with washers # 10 x 2" rubber

Also End Caps and - Pop Rivets

Forms	2"x6" Bond Beam Door Supports	14 Foot	
	2"x6" Bond Beam Window Supports	14 Foot	
	1"x6" Window Lintel Forms →	14 Foot	← Not required if U-Block are Used.
Equipment	Concrete Mixer Rental	Per Day/8hrs	Per Week
	Compactor Rental	Per Day/8hrs	Per Week
	Grader/Dozer with Operator	Per Day/8hrs	
	Backhoe with Operator	Per Day/8hrs	
Miscellaneous	Wood Doors or Metal Doors	Each	
	Windows Wood or Metal	Square Foot	← What type of window? with glass? just bars?
	2"x6" Window Frames (wood)	14 Foot	
	2"x6" Door Frames (wood)	14 Foot	
	Plaster →	Bag	→ May just be cement and sand.
	Primer Paint	Gallon	
	Finish Paint	Gallon	
	Gravel Floor Slab Base	Cubic Yard	
	Toilet	Each	
	Sink	Each	

Hurricane Anchors (to fasten trusses to top plate)  
 1x12 1/2 WOOD PLANKS (FOR WORK PLATFORMS)

Ceiling Material

- Plywood
- Plastic

3" SCREWS + TORX DRIVE