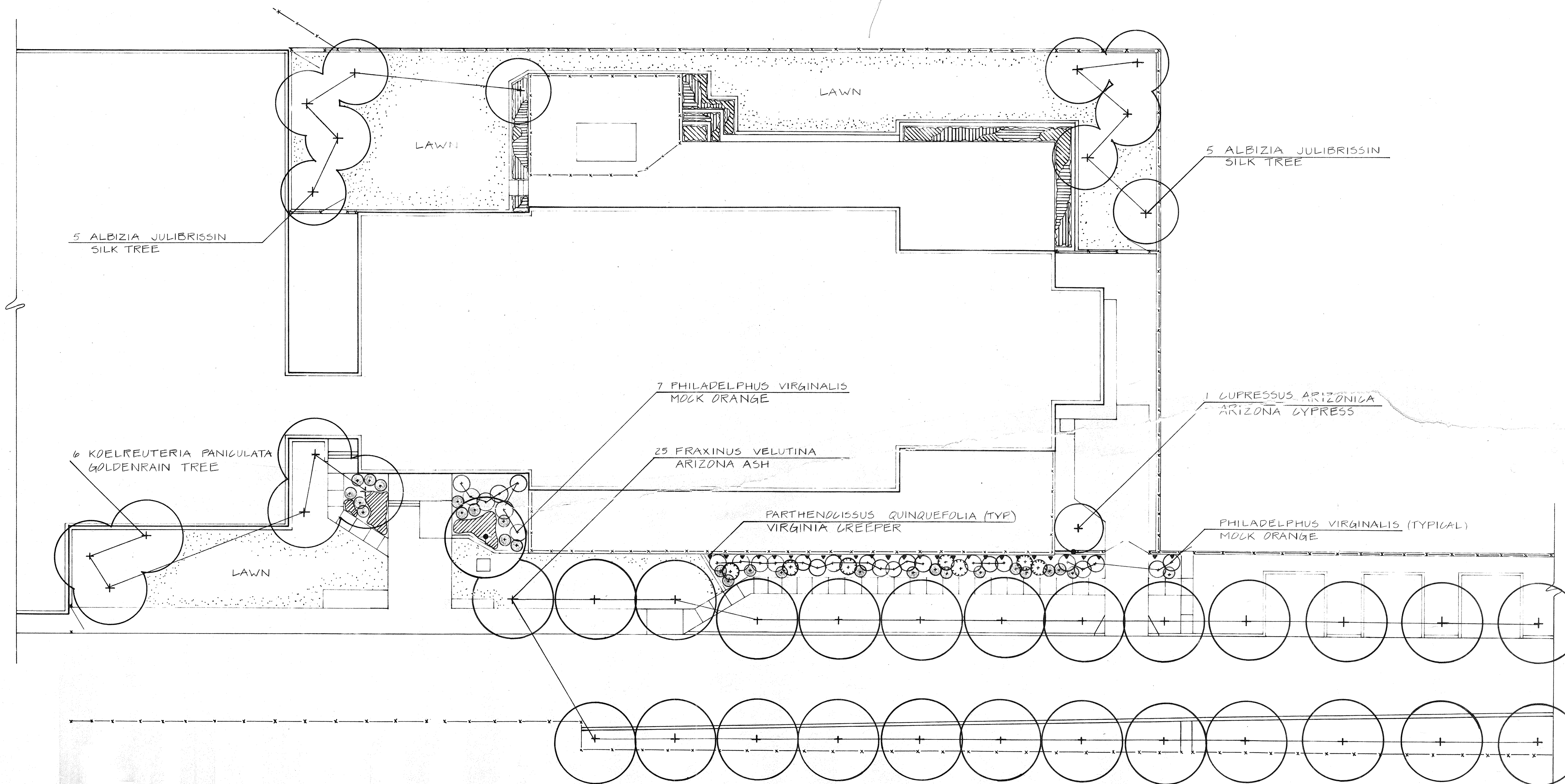


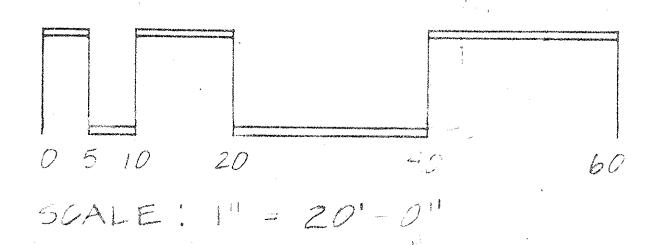
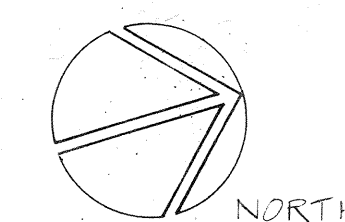
ROSEN

6' ? can we get 8' ?



Legend

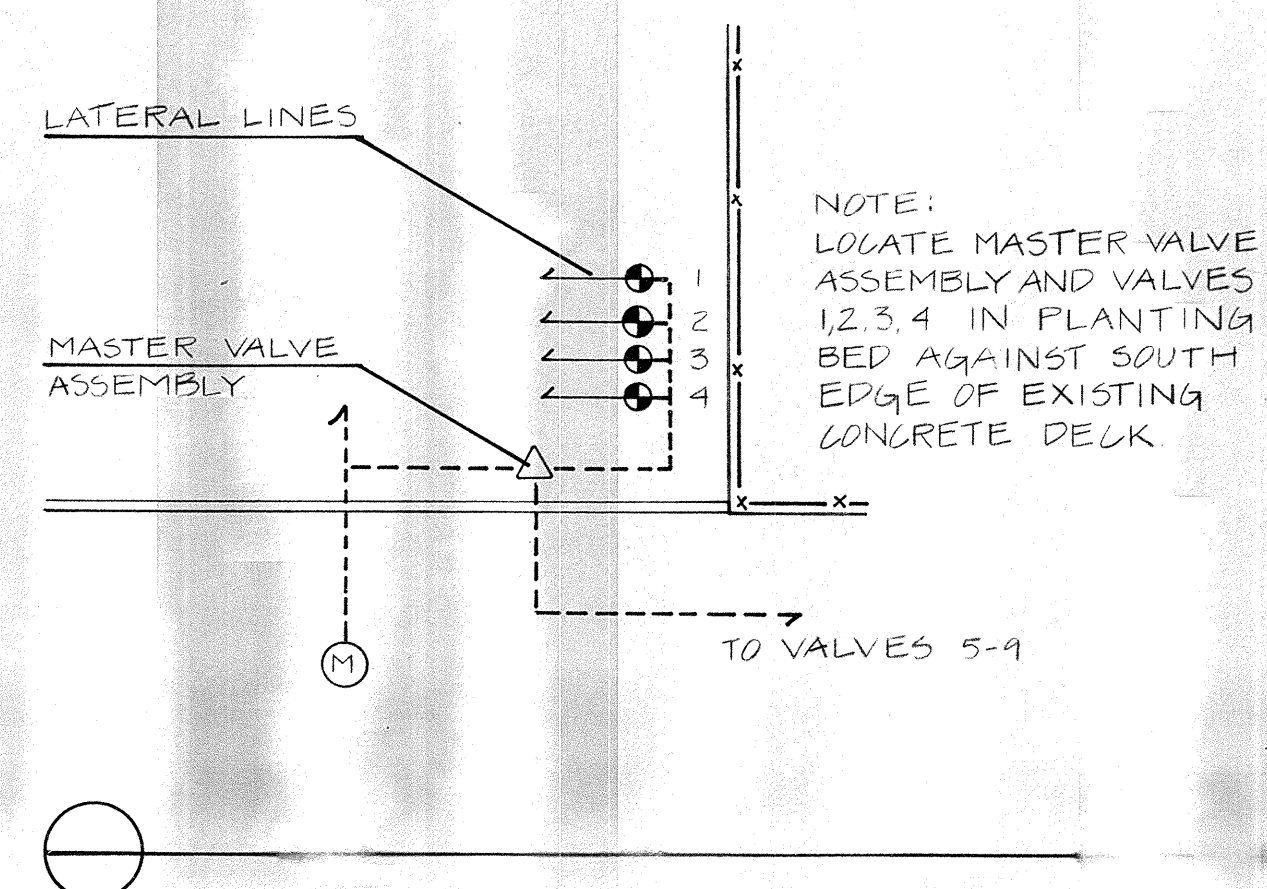
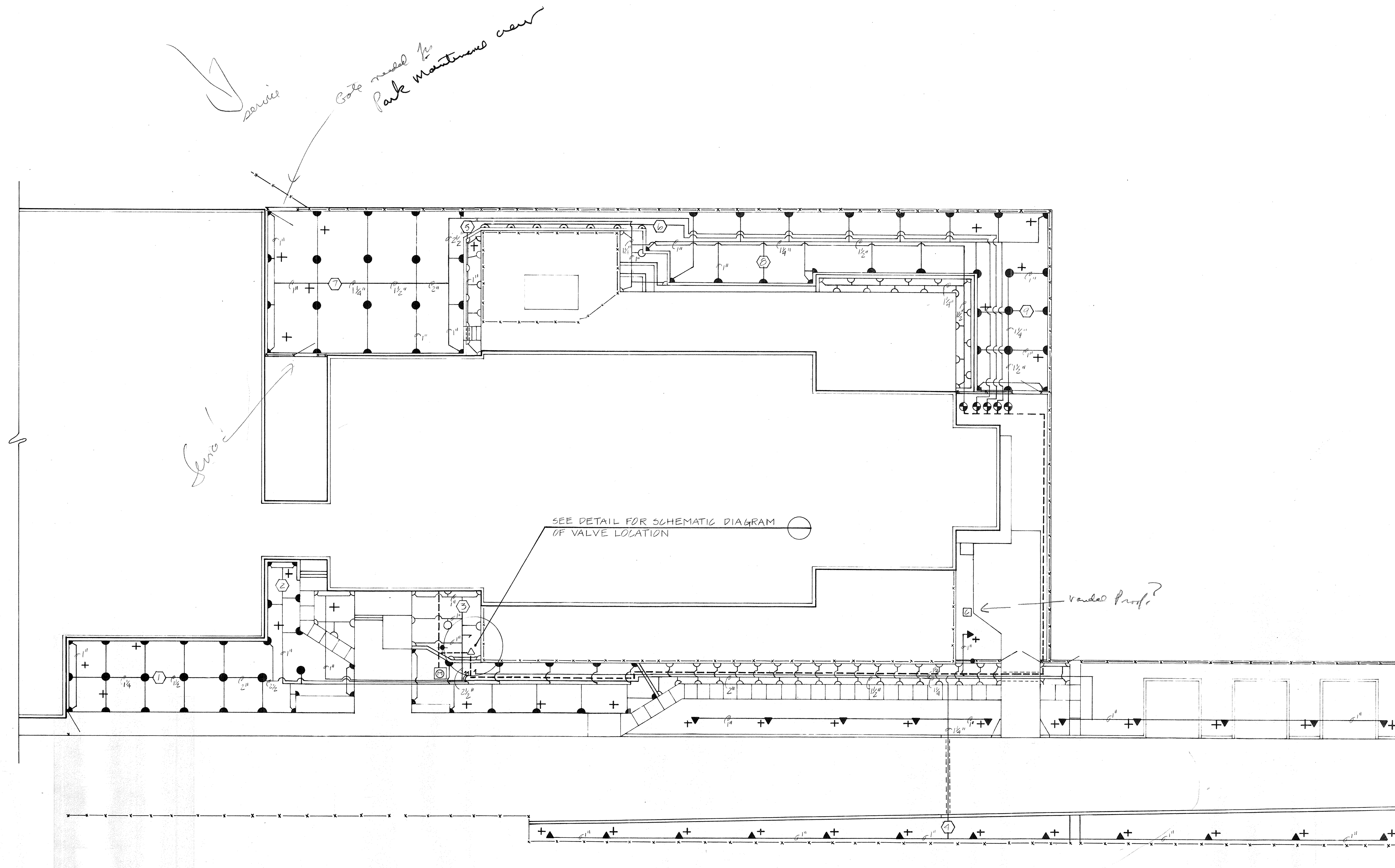
- EXISTING ASH TREE
- PROPOSED TREE
- LIRIOPE SPICATA
- COREOPSIS LANCEOLATA
- CHRYSANTHEM LEUCANTHEMUM
- RUDBECKIA HIRTA
- LAWN
- COTONEASTER LONGESTUS
- LONICERA TATARICA
- PARTHENOISSUS QUINQUEFOLIA



CITY PROJECT # 285492

PRELIMINARY
NOT FOR CONSTRUCTION
3-20-1986
D. Scena

CITY OF ALBUQUERQUE PARKS AND RECREATION DESIGN AND DEVELOPMENT					
Valley Pool Planting Plan					
APPROVAL		ENGINEER	DATE	APPROVAL	ENGINEER
City Eng.				Liquid Waste	
A.C.E.-B				Traffic	
A.C.E.-I				Water	
DRA. NO.		MAP NO.		SHEET OF	



Legend:

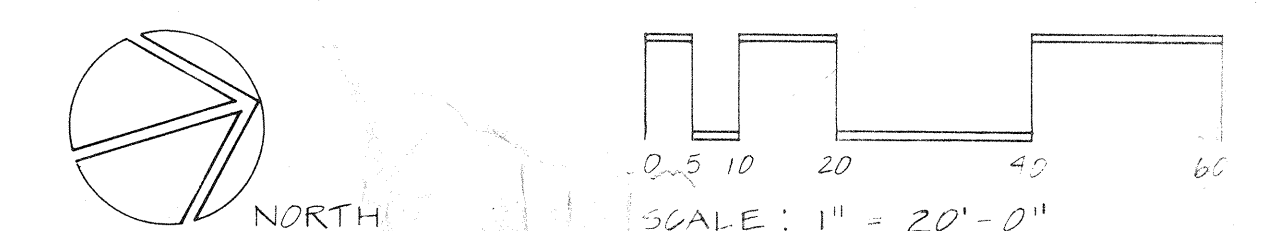
	TORO 1012 SOLID STATE CONTROLLER MODEL NUMBER 112-06-06		
	EXISTING WATER METER		
	MASTER VALVE ASSEMBLY		SEE DETAIL 
	RAINBIRD EP-F PLASTIC ANGLE VALVE		
	VALVE NO.	VALVE SIZE	TOTAL GPM
	①	1 1/2"	55 GPM
	②	1 1/2"	44 GPM
	③	1 1/2"	65.1 "
	④	1"	25 "
	⑤	1"	36.8 "
	⑥	1"	8.9 "
	⑦	1 1/2"	58.6 "
	⑧	1"	37.7 "
	⑨	1"	31.8 "
TORO SERIES 570 SPRAY NOZZLES			
STANDARD GALLONAGE			
	570 P	360°	50 PSI 4.8 GPM 15' RADIUS
	"	270°	" 3.6 GPM "
	"	240°	" 3.2 GPM "
	"	180°	" 2.5 GPM "
	"	120°	" 1.7 GPM "
	"	90°	" 1.2 GPM "
LOW GALLONAGE			
	570-LP	360°	50 PSI 2.6 GPM "
	"	270°	" 1.7 GPM "
	"	180°	" 1.3 GPM "
	"	90°	" 1.0 GPM "
	SIDESTRIP	570 P	30 PSI 1.2 GPM 9' X 18'
	RAIN-O-MAT	302-B	BUBBLER 10 PSI 1.0 GPM

— — — MAINLINE - SCHEDULE 40 2 1/2"

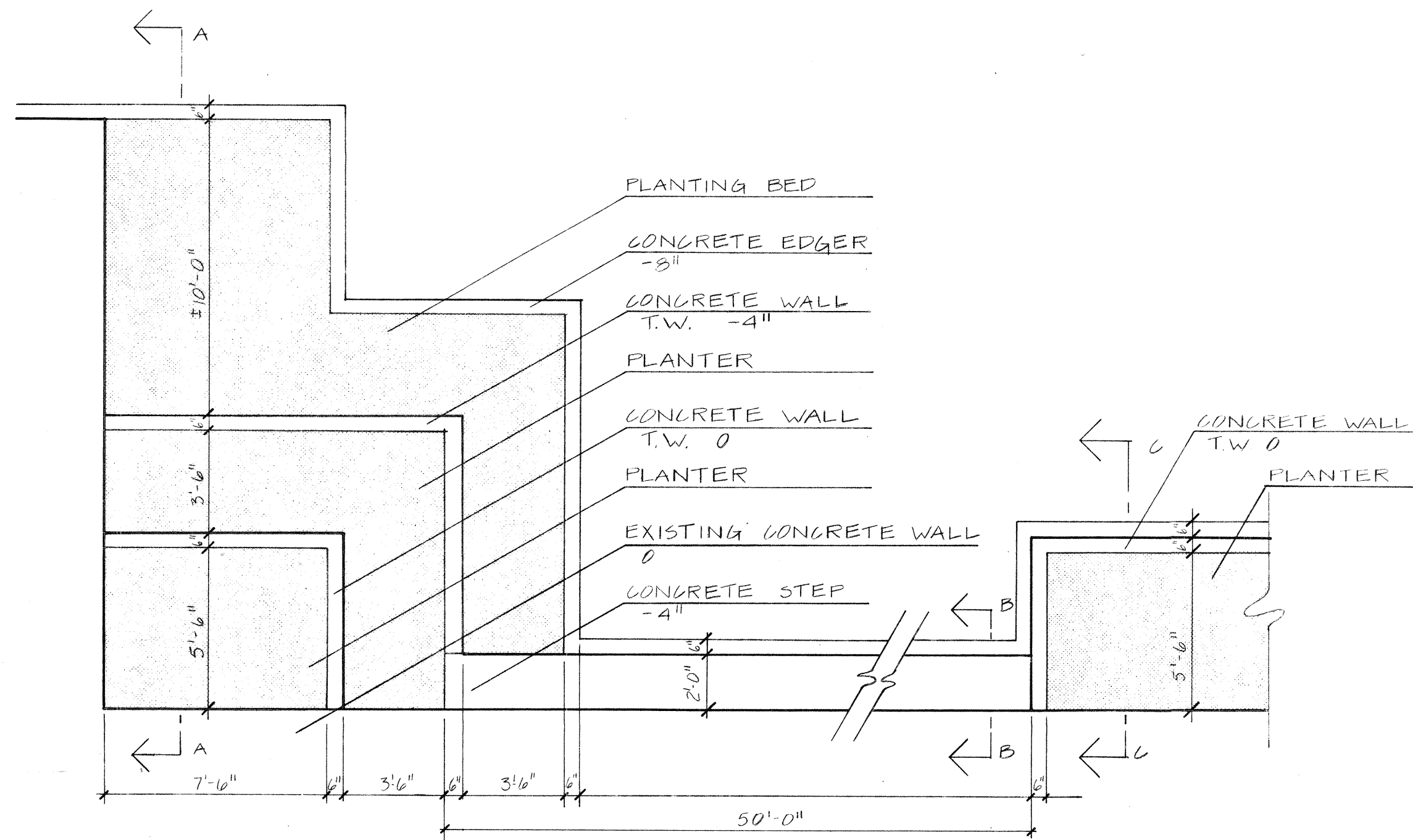
— — — LATERAL LINE - SCHEDULE 40

Notes:

1. LOCATE KING AUTOMATIC DRAINS AT LOW POINTS IN LATERAL LINE CIRCUITS.
2. INSTALL THRUST BLOCKS ON ALL TEES WITH 2" AND LARGER LINES.
3. ALL PRODUCTS AS SPECIFIED OR APPROVED EQUAL.

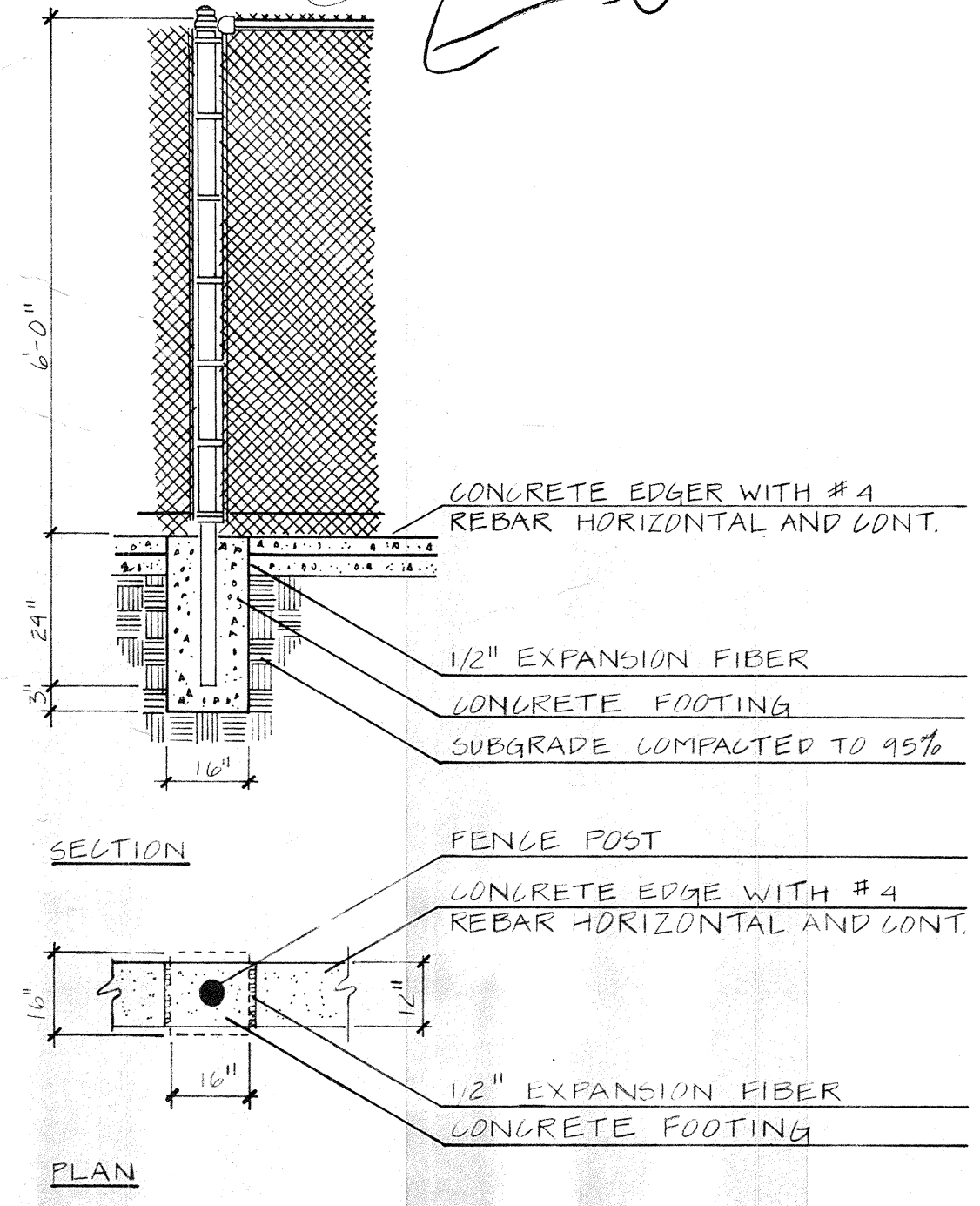


CITY OF ALBUQUERQUE PARKS AND RECREATION DESIGN AND DEVELOPMENT					
TITLE: Valley Pool Irrigation Plan					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
C.E.-Design			Traffic		
C.E.-Hydro			Water		
DRAWING NO.		SHEET NO.		SHEET	

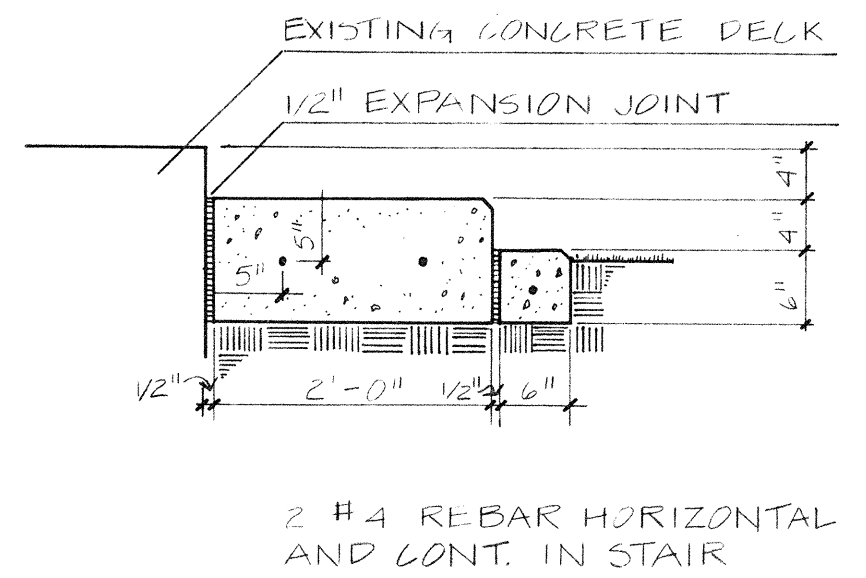


Plan View Raised Planters and Stairs
SCALE: 1/4" = 1'-0"

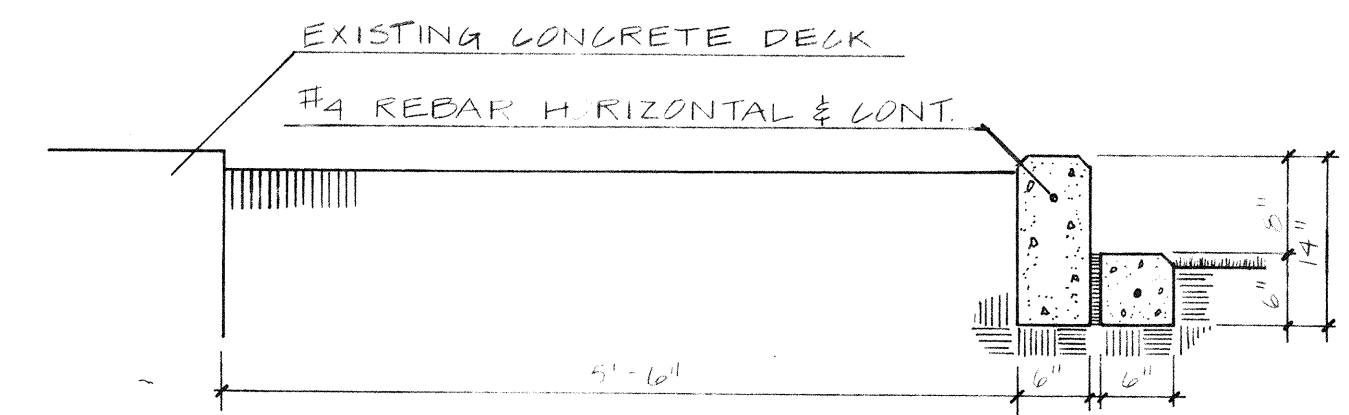
*no banded with →
could finish be higher?*



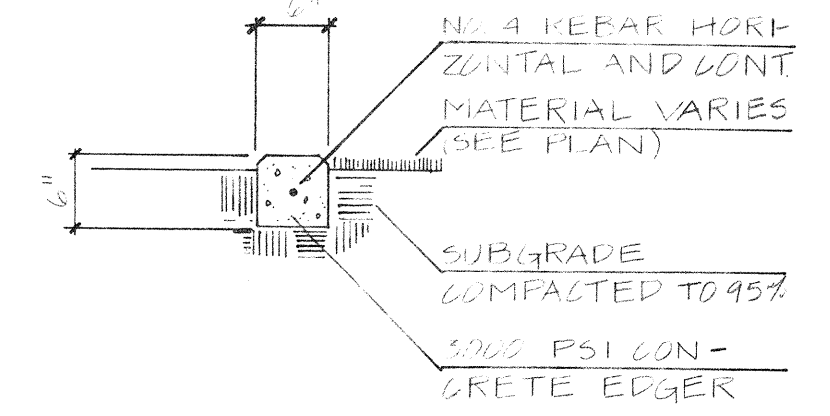
Chainlink Fence
N.T. TO SCALE



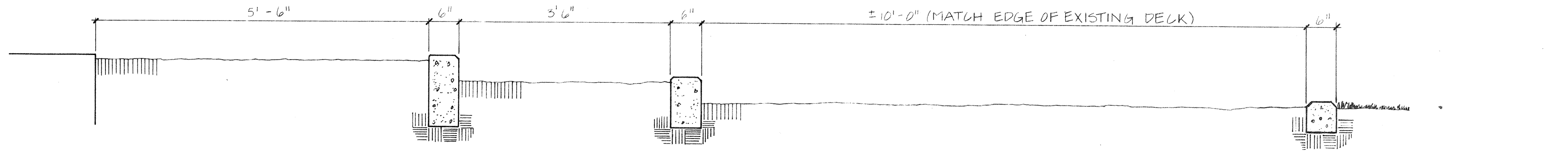
Section B-B Stairs
SCALE: 3/4" = 1'-0"



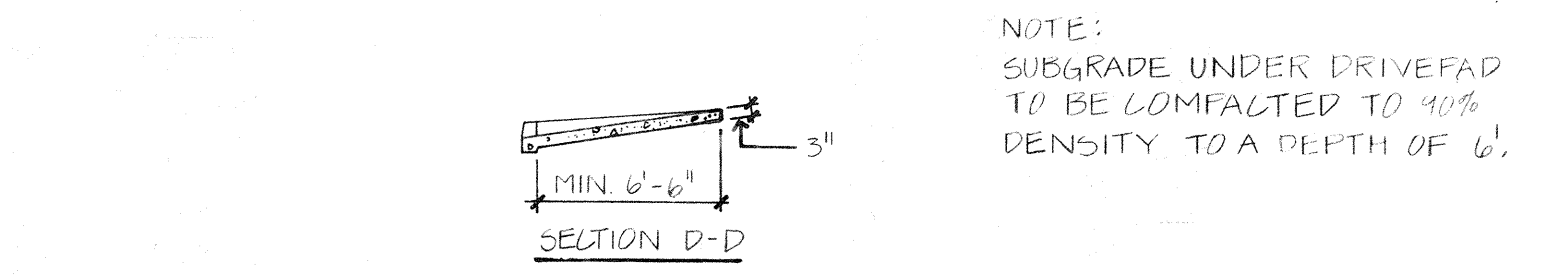
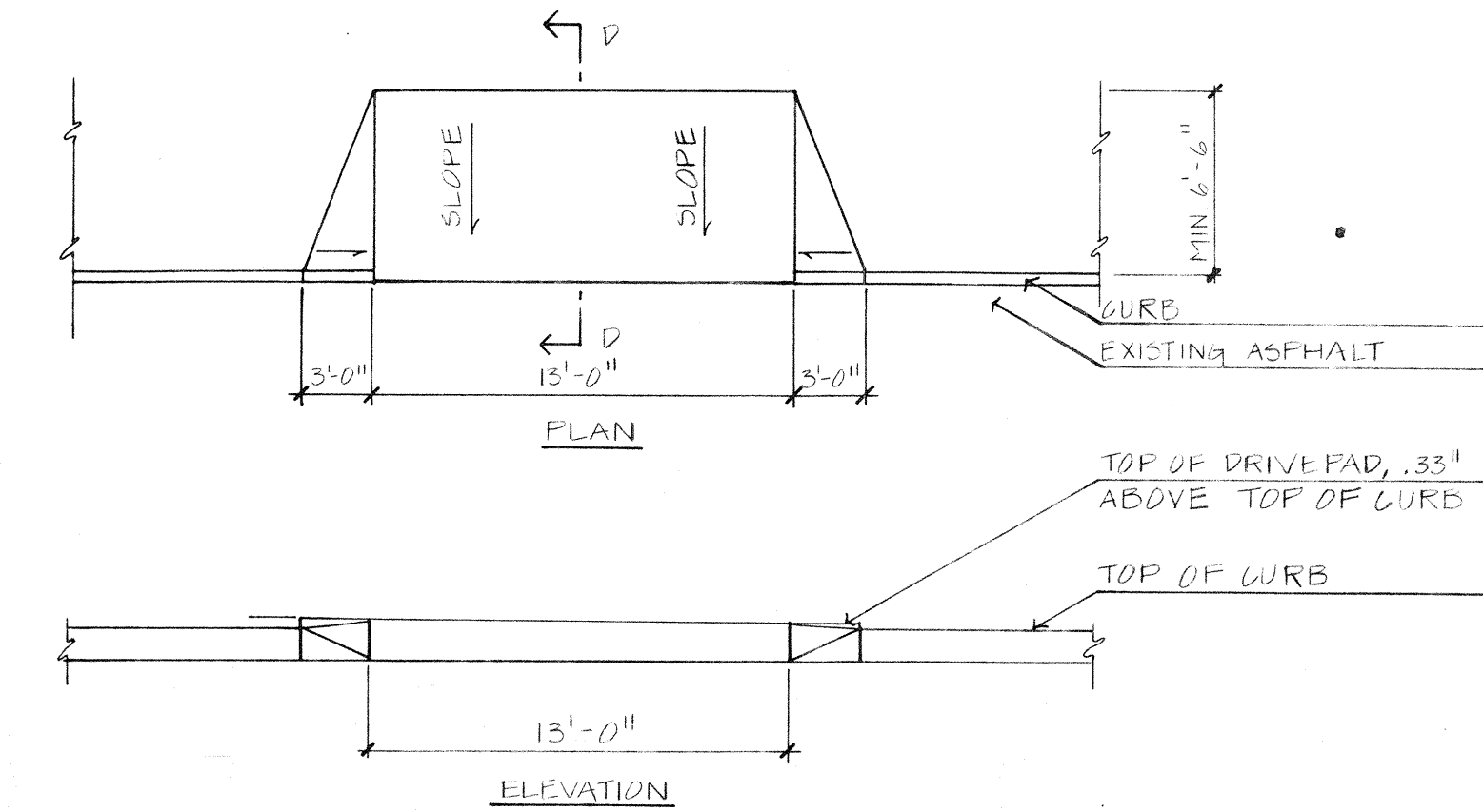
Section C-C Raised Planter
SCALE: 3/4" = 1'-0"



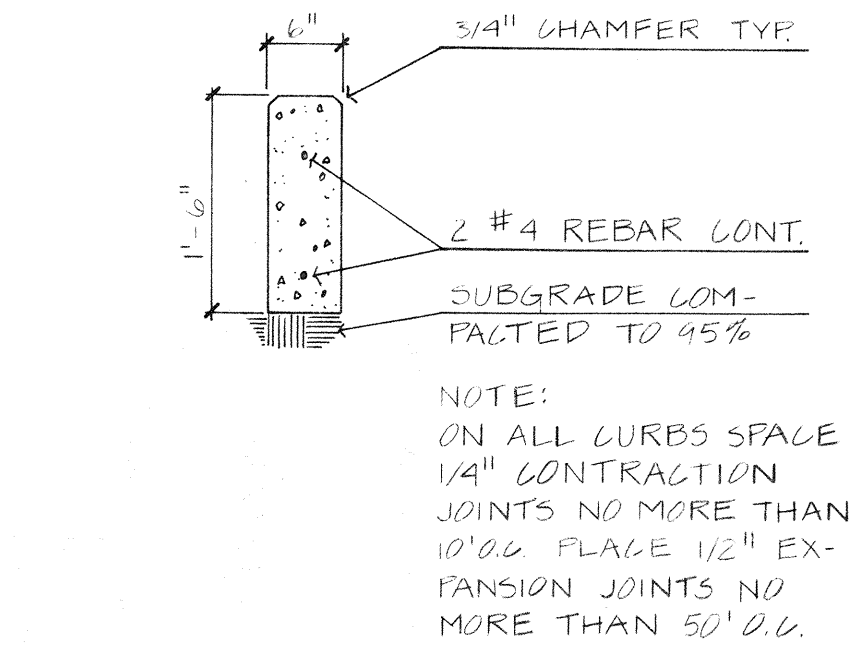
Concrete Edger
SCALE: 3/4" = 1'-0"



Section A-A Raised Planters
SCALE: 3/4" = 1'-0"



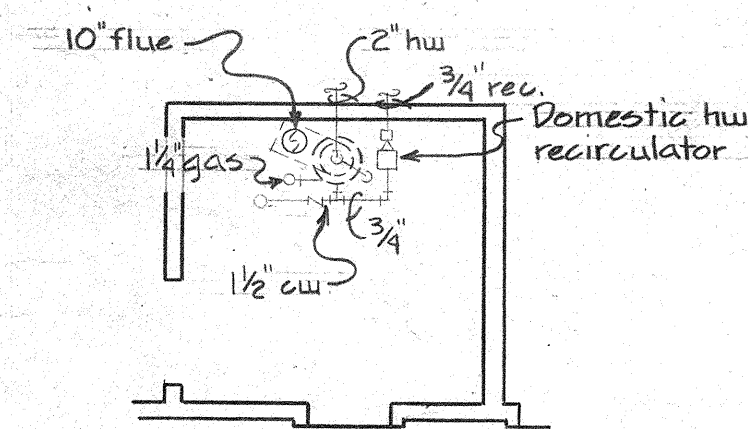
Drive Pad
N.T. TO SCALE



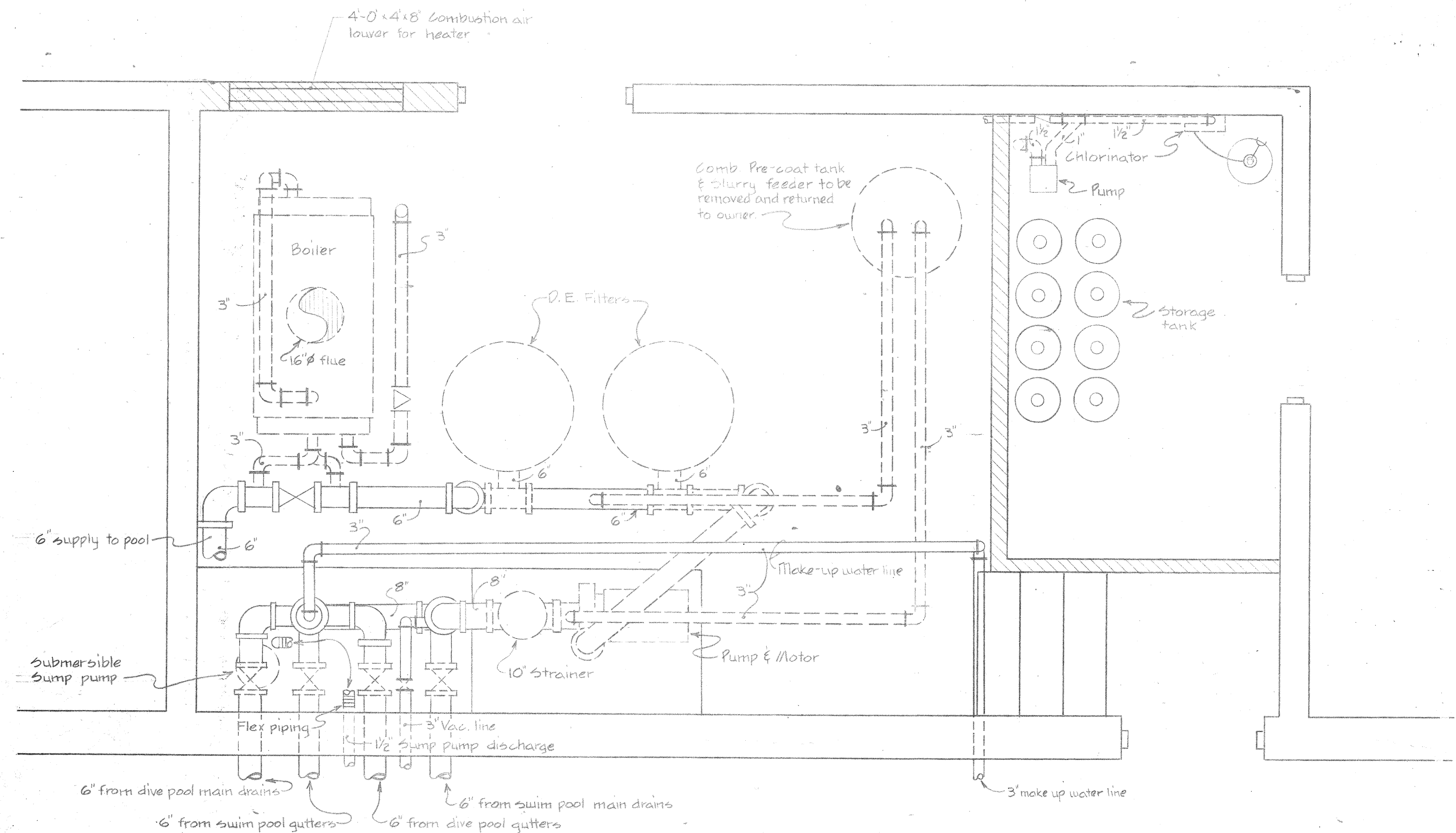
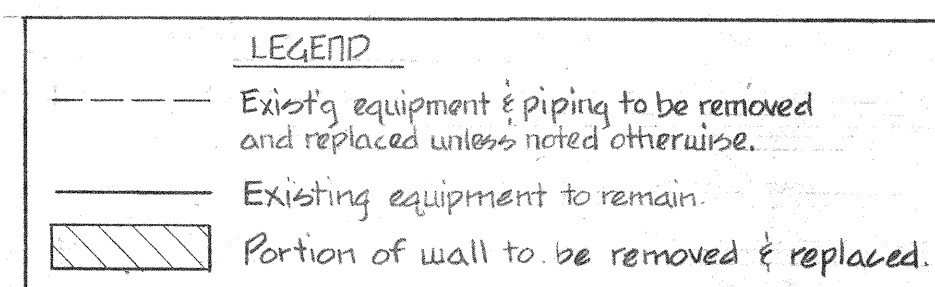
Curb

NOTE:
ON ALL CURBS SPACE
1/4" CONTRACTION
JOINTS NO MORE THAN
10' O.C. PLACE 1/2" EX-
PANSION JOINTS NO
MORE THAN 50' O.C.

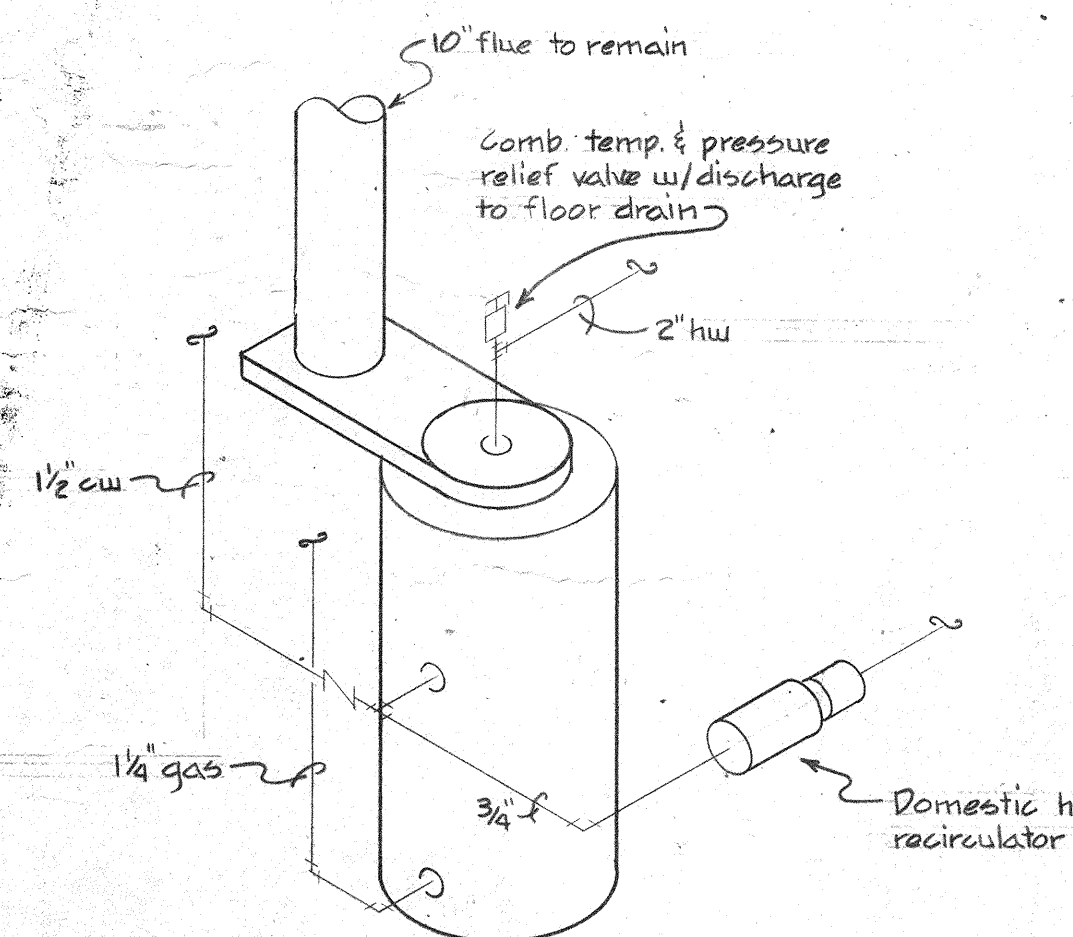
CITY OF ALBUQUERQUE PARKS AND RECREATION DESIGN AND DEVELOPMENT					
TITLE: Valley Pool Details Section					
APPROVALS	ENGINEER	DATE	PROVALS	ENGINEER	DATE
City Engineer					
A.C.E. Design					
A.C.E. Hydro					
DRAWING NO.	1 OF 1				



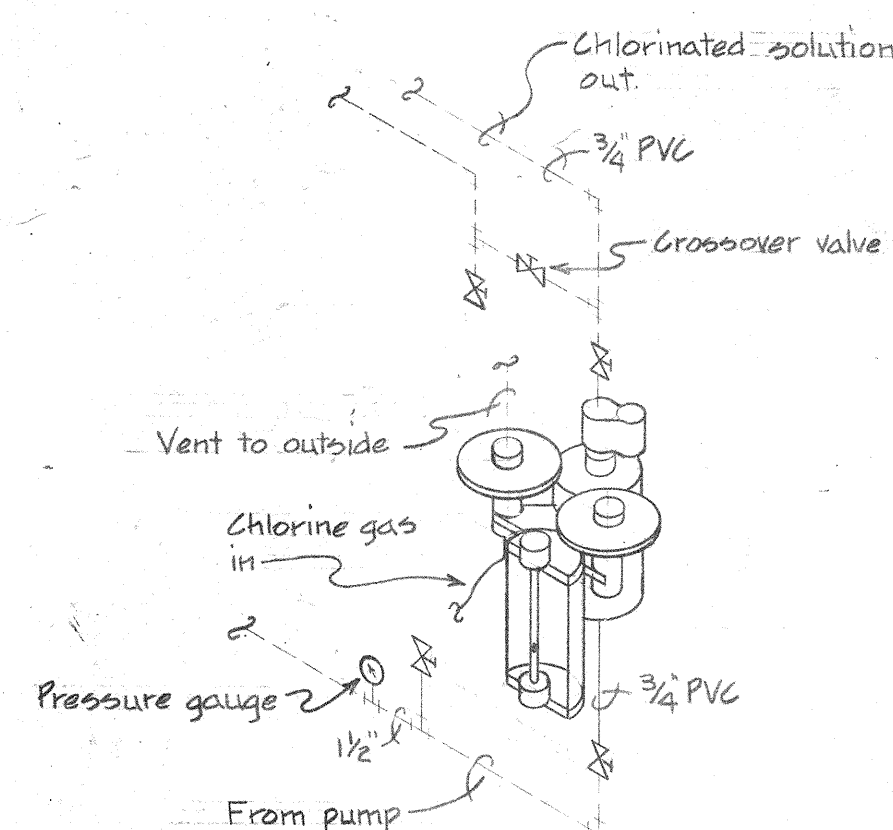
MECH RM FLOOR PLAN
SCALE: 1/8"=1'-0"



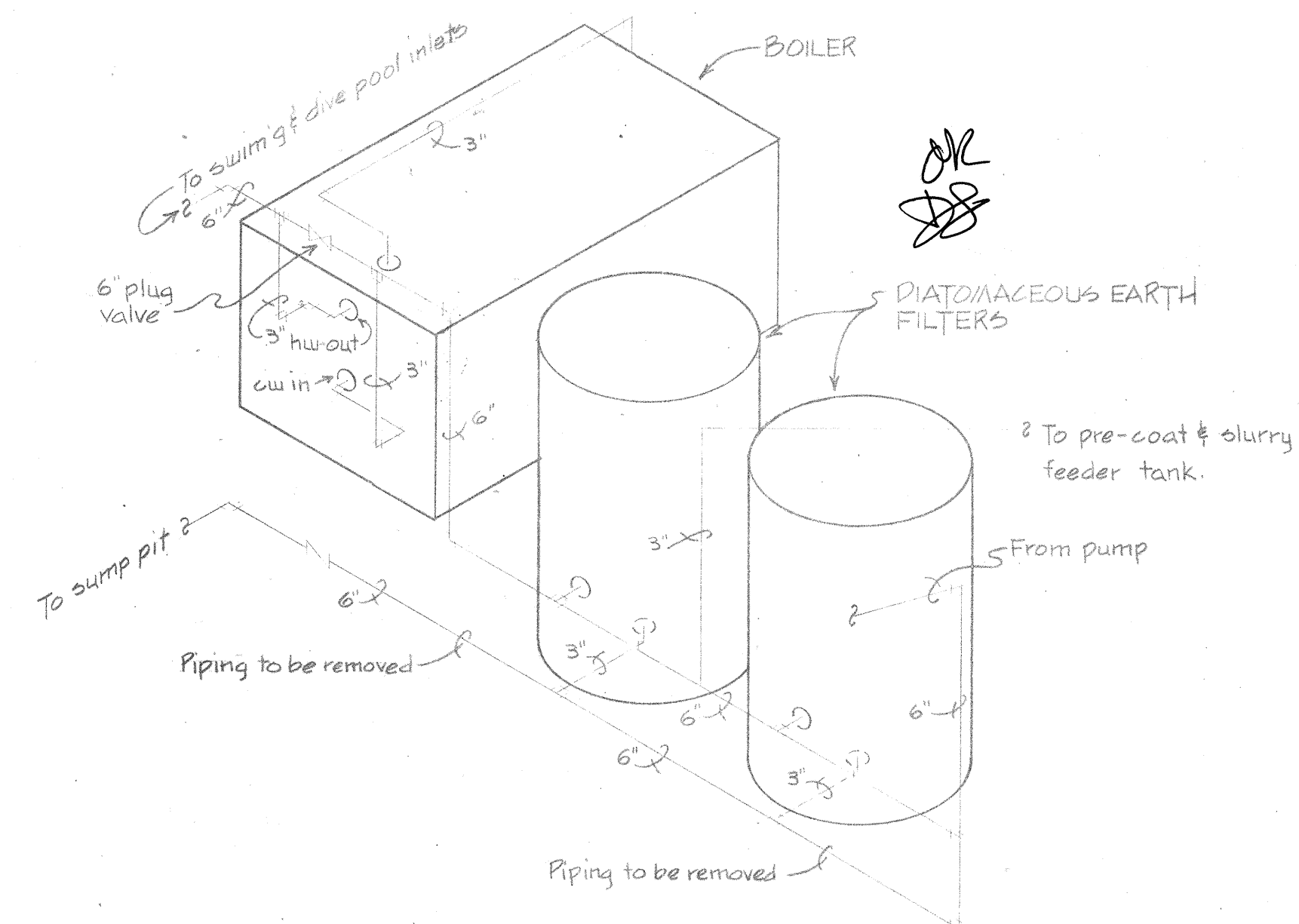
EXISTING FILTER & CHLOR ROOM FLOOR PLAN
SCALE: 1/2"=1'-0"



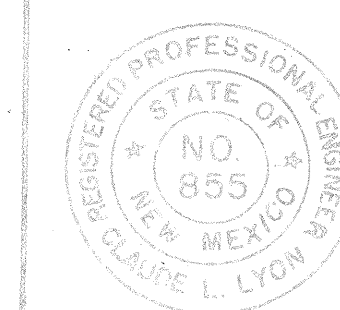
WATER HEATER ISOMETRIC
SCALE: NONE



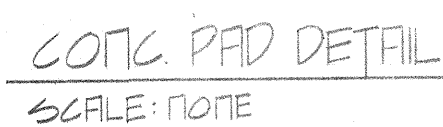
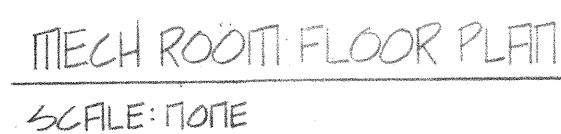
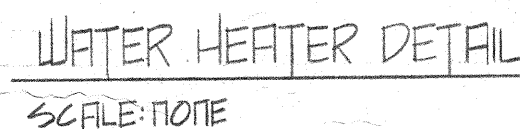
CHLORINATOR ISOMETRIC
SCALE: NONE



BOILER & FILTER ISOMETRIC
SCALE: NONE



CITY PROJECT # 885492



GENERAL NOTES

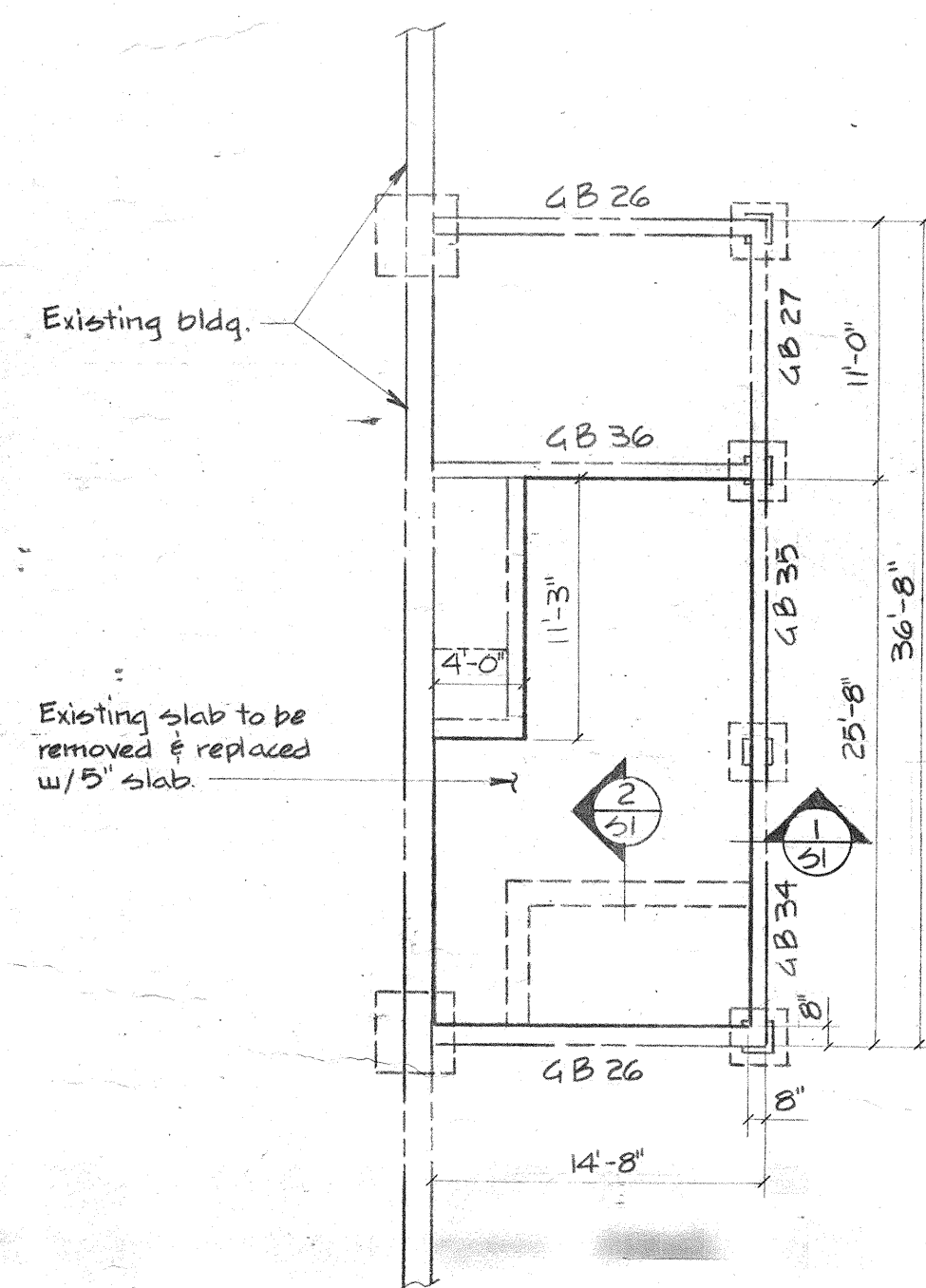
The scope of this project is to remove the Boiler, Filters, piping or read, one wall as noted, remove existing slab and rebuild slab and wall as noted on sht. 3; install new owner-furnished boiler, filter, pump & strainer and replace all equipment as indicated.

Symbols ① thru ④ and ⑦ are owner-supplied, contractor-installed. All others are contractor-supplied and installed.

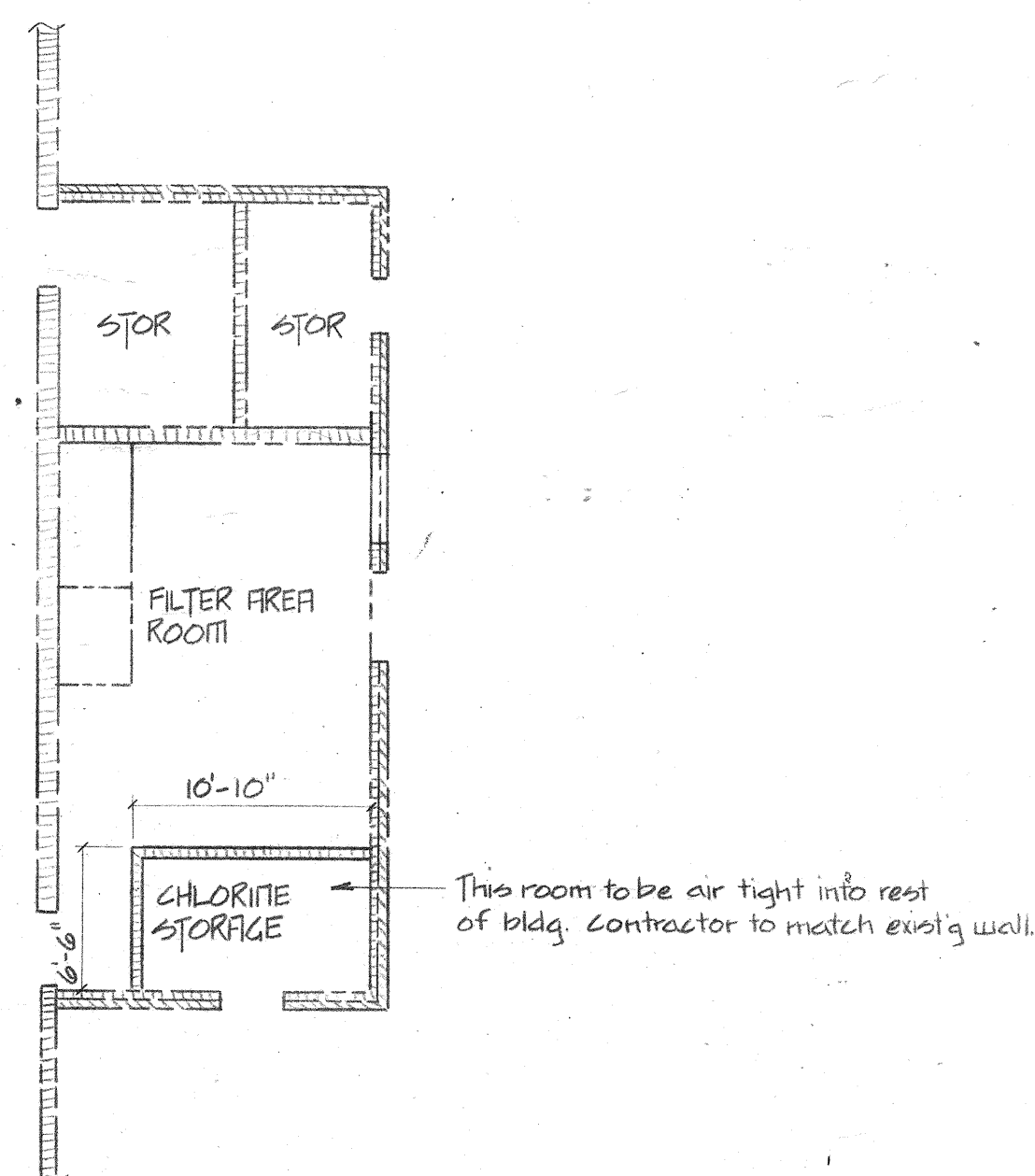


- NOTES
- ① 2" FI Drain waste line, drain to sump pit w/4% slope
- ② Conn 3" intake line to existing 6" feed line.
- ③ Conn 3" outlet line to existing 6" feed line.
- ④ 1" Blowdown line, discharge to floor.
- ⑤ Conn existing 1½" discharge line to new 1½" sump pump outlet.
- ⑥ Conn 3" line to existing 3 hp gas line.
- ⑦ Elevate pump base w/14" x 14" x 4" conc. pad, Anchor pump w/4-½" Ø x 10" anchor bolts, see detail this sheet.
- ⑧ Conn 4" pump discharge to 6" line to filters.
- ⑨ Conn 5" pump intake to existing 8" line.
- ⑩ Conn new 10" strainer to existing 8" line.
- ⑪ Add pipe rise to bring up pipe to conn to pump
- ⑫ T&P relief valve, discharge full size to floor.
- ⑬ Conn 6" soil line to existing soil line below slab.
- ⑭ Conn 6" return line to existing 6" line to heater.
- ⑮ Conn 6" discharge line from pump to ⑦.
- ⑯ Conn ⑦ to 6" filter inlet.
- ⑰ Conn 6" soil line to 6" waste outlet.
- ⑱ Manual air relief line, discharge full size to floor.
- ⑲ Conn 6" flue to existing 10" flue thru roof.
- ⑳ New 6" gate valve.
- ㉑ New 3" gate valve.
- ㉒ Flanged orifice.

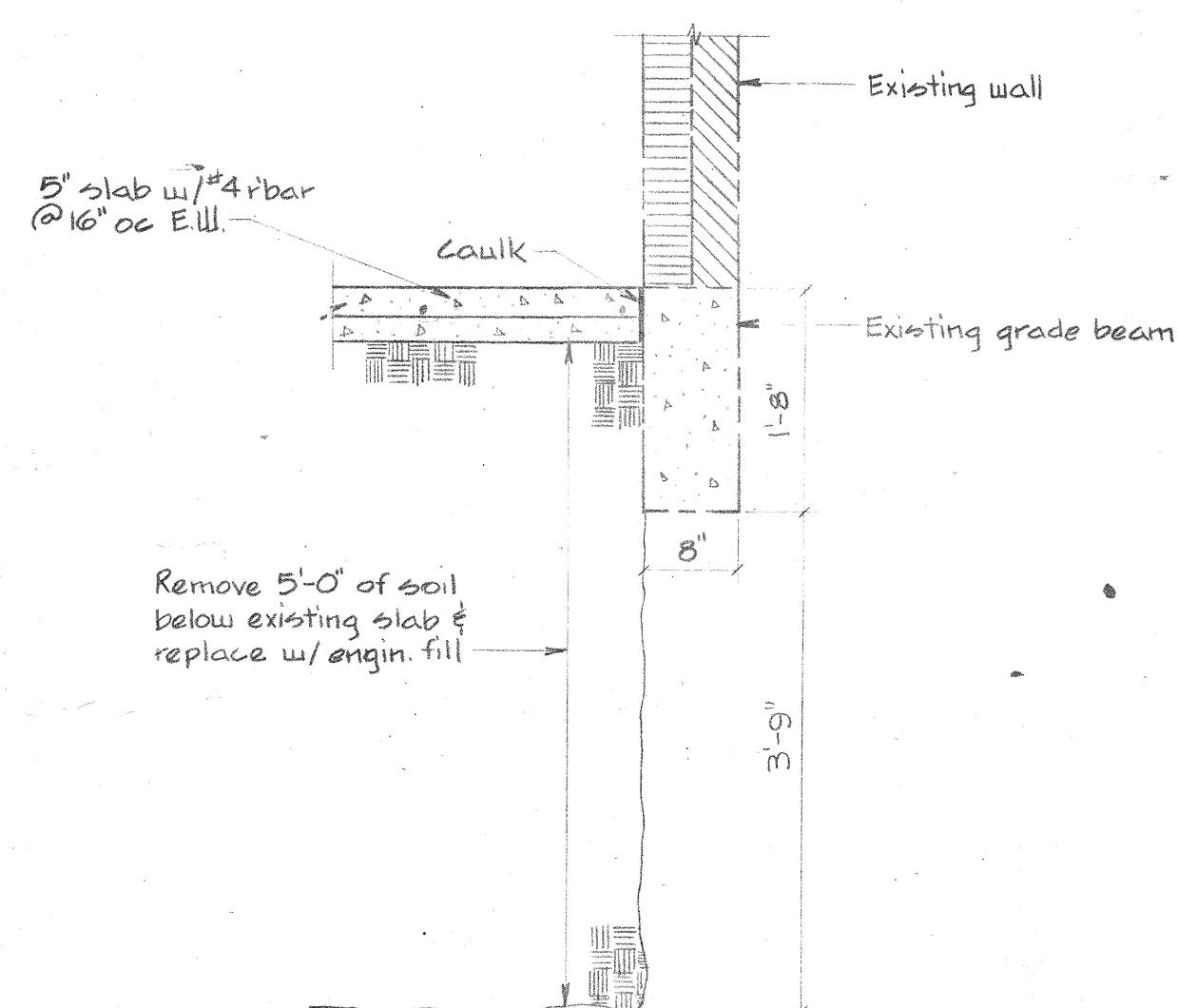




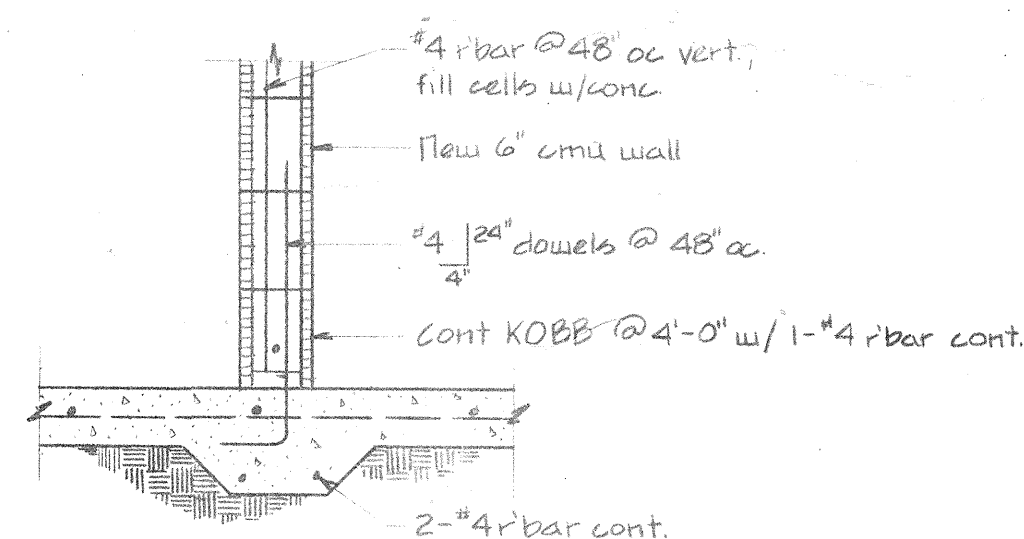
FOUNDATION PLAN
SCALE: 1/8"=1'-0"



FLOOR PLAN
SCALE: 1/8"=1'-0"



SECTION 1
SCALE: 3/4"=1'-0"



SECTION 2
SCALE: 3/4"=1'-0"

GENERAL NOTE

Slope floor slab in Filter Area Room to F.D. See "Filter & Chlor Room Floor Plan" for location of F.R.

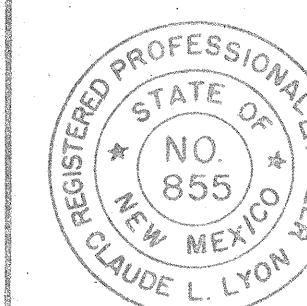
STRUCTURAL NOTES

1. All concrete shall have a minimum compressive strength of 4,000 psi at 28 days.
2. All reinforcing steel shall be ASTM A615, grade 40 (yield strength of 40,000 psi).
3. Reinforcing in new slab on grade to be located at 1/4 depth of slab.
4. The Contractor shall verify all dimensions in the field.
5. The Contractor shall be responsible for providing safe and adequate shoring for all parts of the structure and excavations during construction.

SOIL PREPARATION NOTES

1. Remove the existing 4" concrete slab on grade as shown on the drawings.
2. Remove the underlying wet soils in this area to a depth of at least 5'-0" but not exceeding the depth of the surrounding foundations.
3. Replace the excavated soils with an approved cohesionless pit-run sand-gravel material or a well graded decomposed granite sand. These soils shall be thoroughly mixed "off site" with optimum moisture content, placed in the excavation in thin horizontal lifts (maximum 8" loose depth) and compacted to a minimum of 92% of Modified Proctor Density to the underside of the new floor slab.

2nd floor
loc. 1st floor

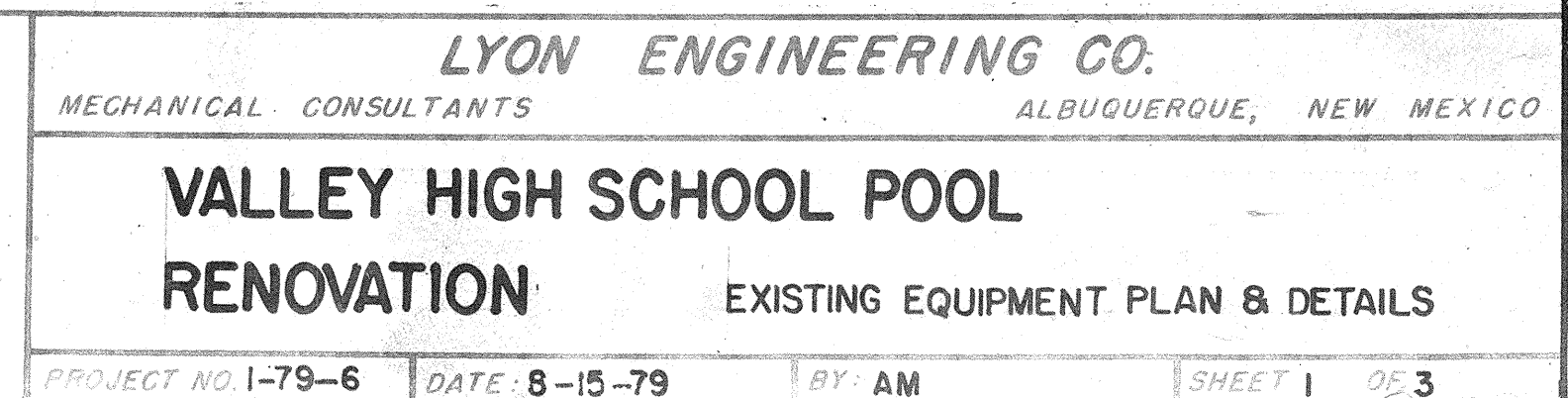
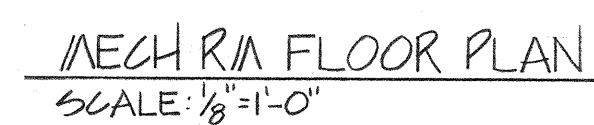


LYON ENGINEERING CO.
MECHANICAL CONSULTANTS ALBUQUERQUE, NEW MEXICO

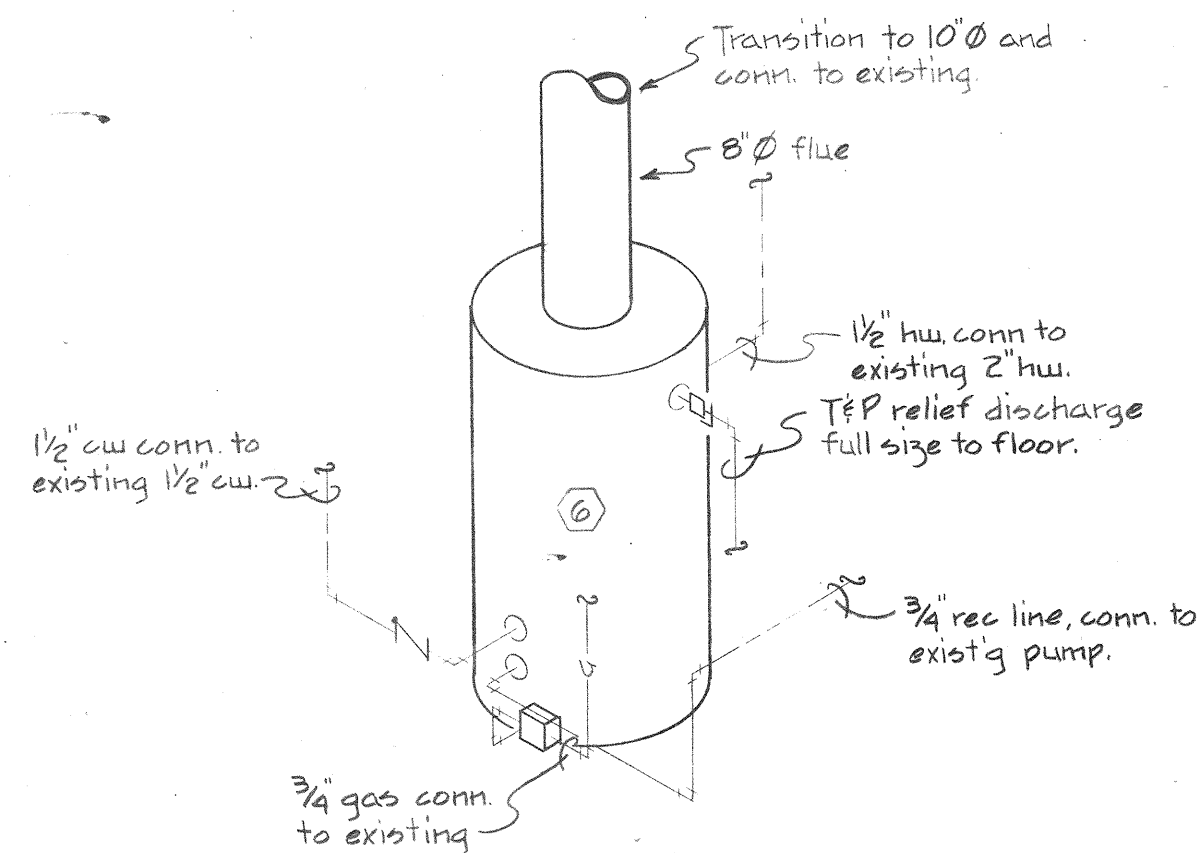
VALLEY HIGH SCHOOL POOL
RENOVATION

STRUCTURAL PLAN & DETAILS

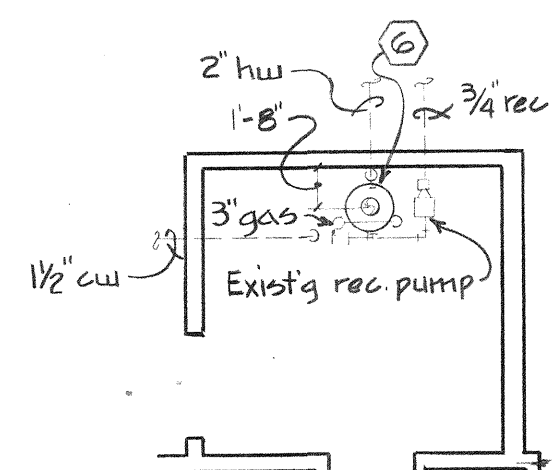
PROJECT NO. 179-6 DATE: 8-15-79 BY: JLM SHEET: 7



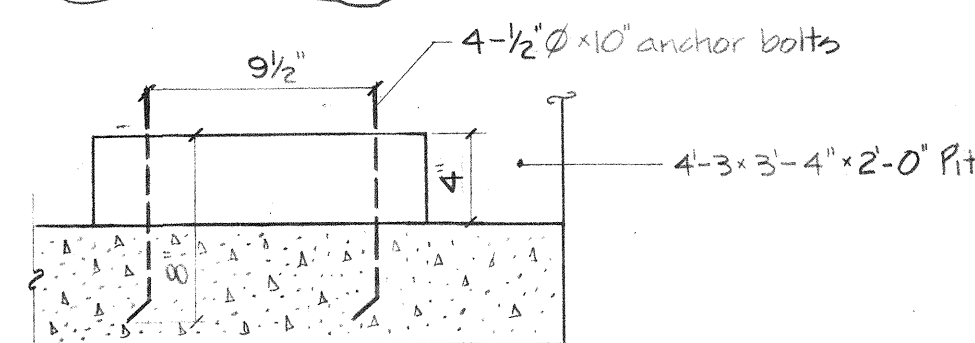
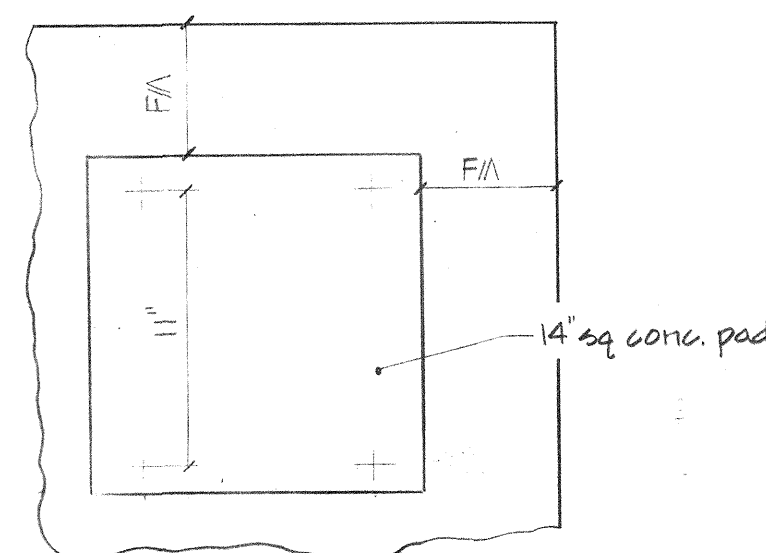
CITY PROJECT #: 285492



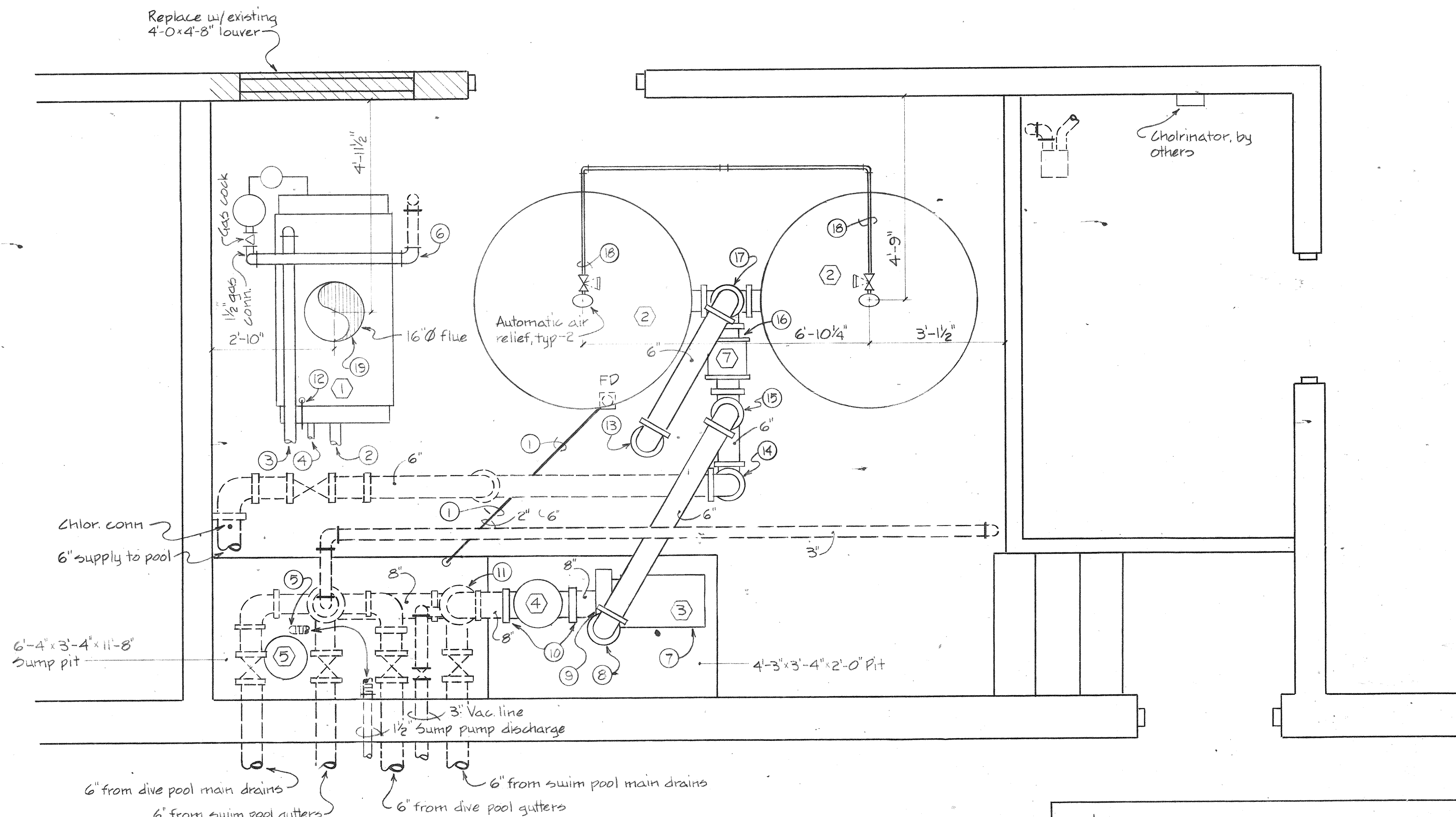
WATER HEATER DETAIL
SCALE: NOTE



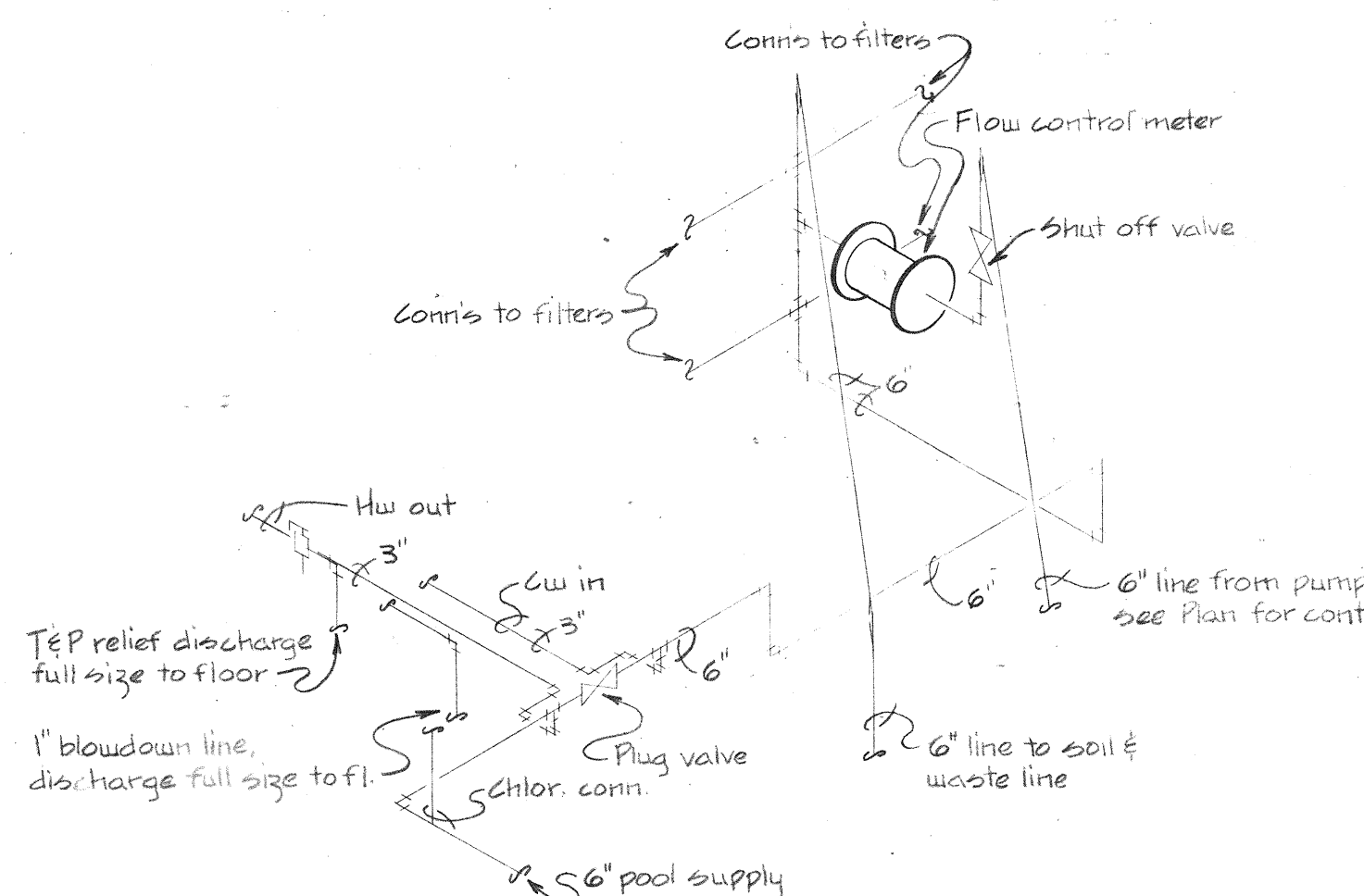
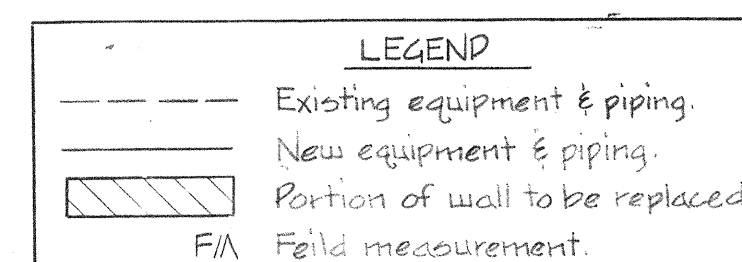
MECH ROOM FLOOR PLAN
SCALE: NOTE



CONC. PAD DETAIL
SCALE: NOTE



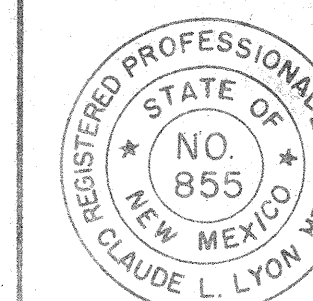
FILTER & CHLOR. ROOM FLOOR PLAN
SCALE: NOTE

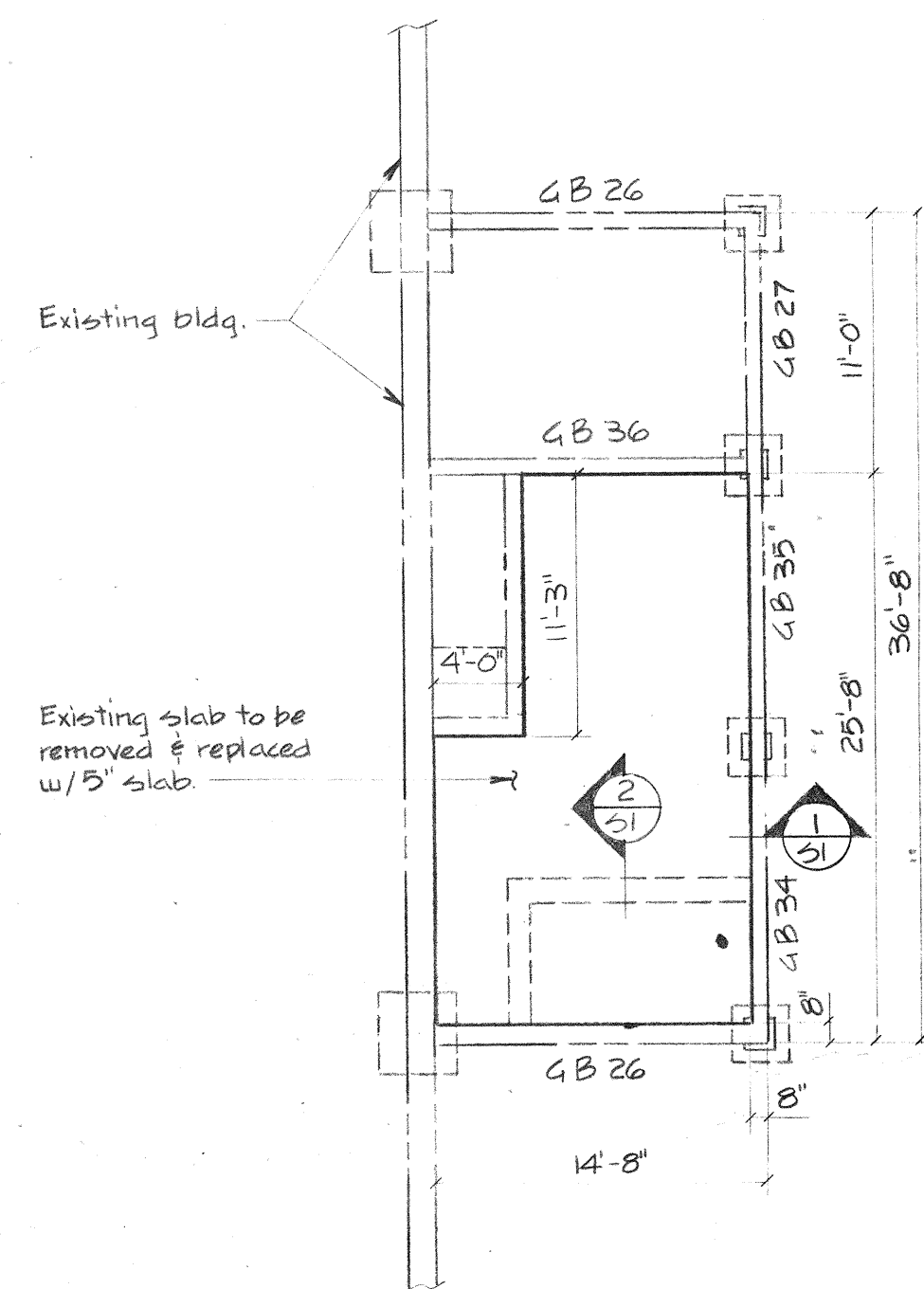


BOILER & FILTERS ISOMETRIC
SCALE: NOTE

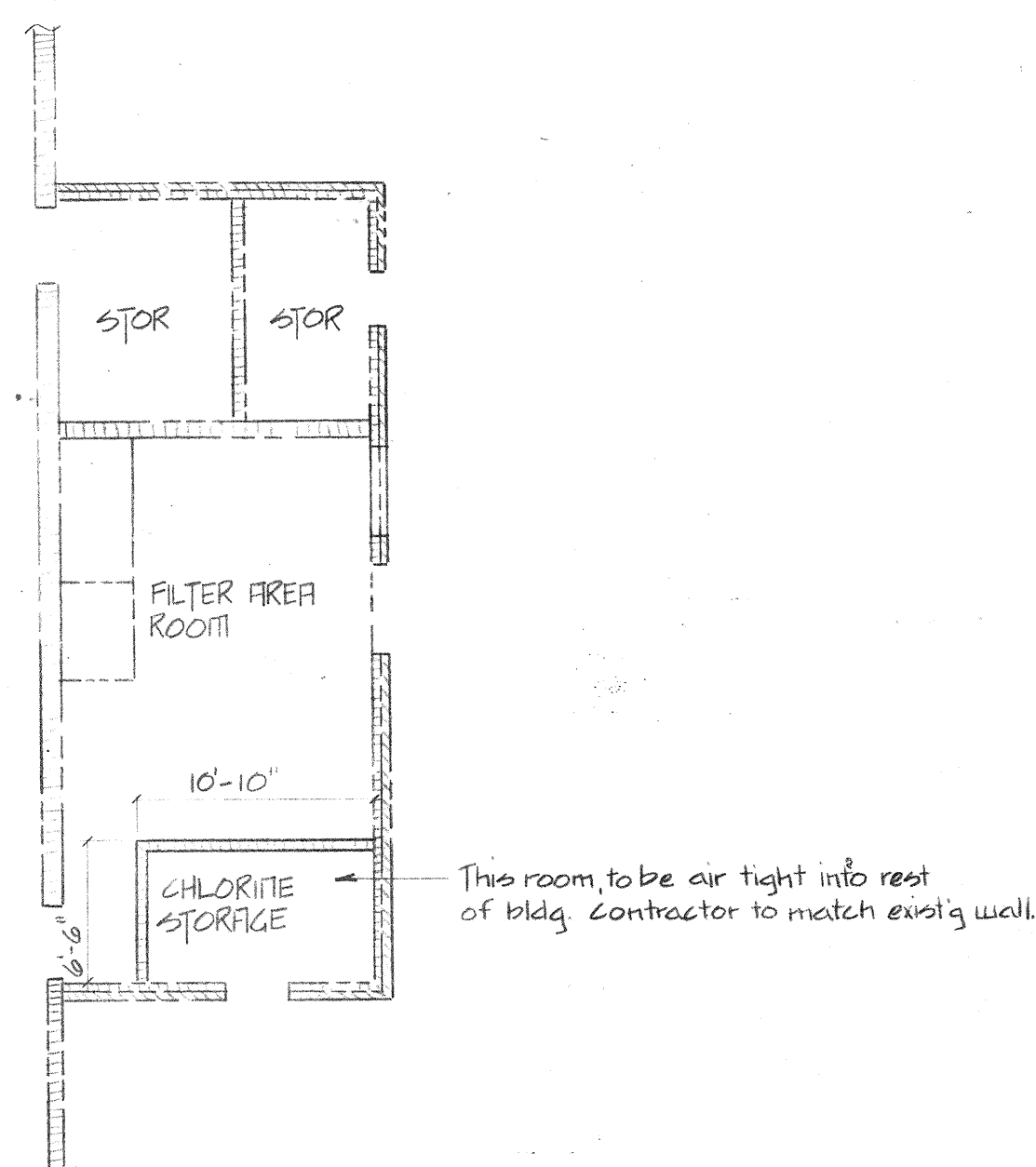
- NOTES
- 2" Fl. Drain waste line, drain to sump pit w/4% slope.
 - Conn 3" intake line to existing 6" feed line.
 - Conn 3" outlet line to existing 6" feed line.
 - 1" Blowdown line, discharge to floor.
 - Conn existing 1 1/2" discharge line to new 1 1/2" sump pump outlet.
 - Conn 3" line to existing 3" hp gas line.
 - Elevate pump base w/14" x 14" x 4" conc. pad, Anchor pump w/4- 1/2" x 10" anchor bolts, see detail this sheet.
 - Conn 4" pump discharge to 6" line to filters.
 - Conn 5" pump intake to existing 8" line.
 - Conn new 10" strainer to existing 8" line.
 - Add pipe rise to bring up pipe to conn to pump.
 - T&P relief valve, discharge full size to floor.
 - Conn 6" soil line to existing soil line below slab.
 - Conn 6" return line to existing 6" line to heater.
 - Conn 6" discharge line from pump to 7.
 - Conn 7 to 6" filter inlet.
 - Conn 6" soil line to 6" waste outlet.
 - Manual air relief line, discharge full size to floor.
 - Conn 16" flue to existing 16" flue thru roof.

EQUIPMENT SCHEDULE	
1	Boiler: Ritt 135X Atmos. gas fired, Input - 1,350,000; Output - 1,080,000; 110 gpm @ 20° rise, 1315 gpm @ 100° rise.
2	Filters: Swimquik HRL-260 Hi-Rate sand, 2 tanks 60" x 20" gpm/sq.ft. 789 gpm, 39.2 sq.ft. of filter area, turnover in 6 hrs. - 282,240 gal.
3	Circulating Pump: Weiman 4630-2, 30 h.p., 1750 rpm, 36.
4	Strainer Valve: KECKLEY STYLE D, 125 lb. std. flange, 10", 175 psi - 150°F.
5	Sump Pump: Kenco 84A, 1-1/2" NPT/in., 1/2 h.p., 1725 rpm.
6	Water Heater: PVI 40N85A-G, input - 400,000, 336 gpm @ 100° rise.
7	Floor Drain: Zurn Z-415 PB.

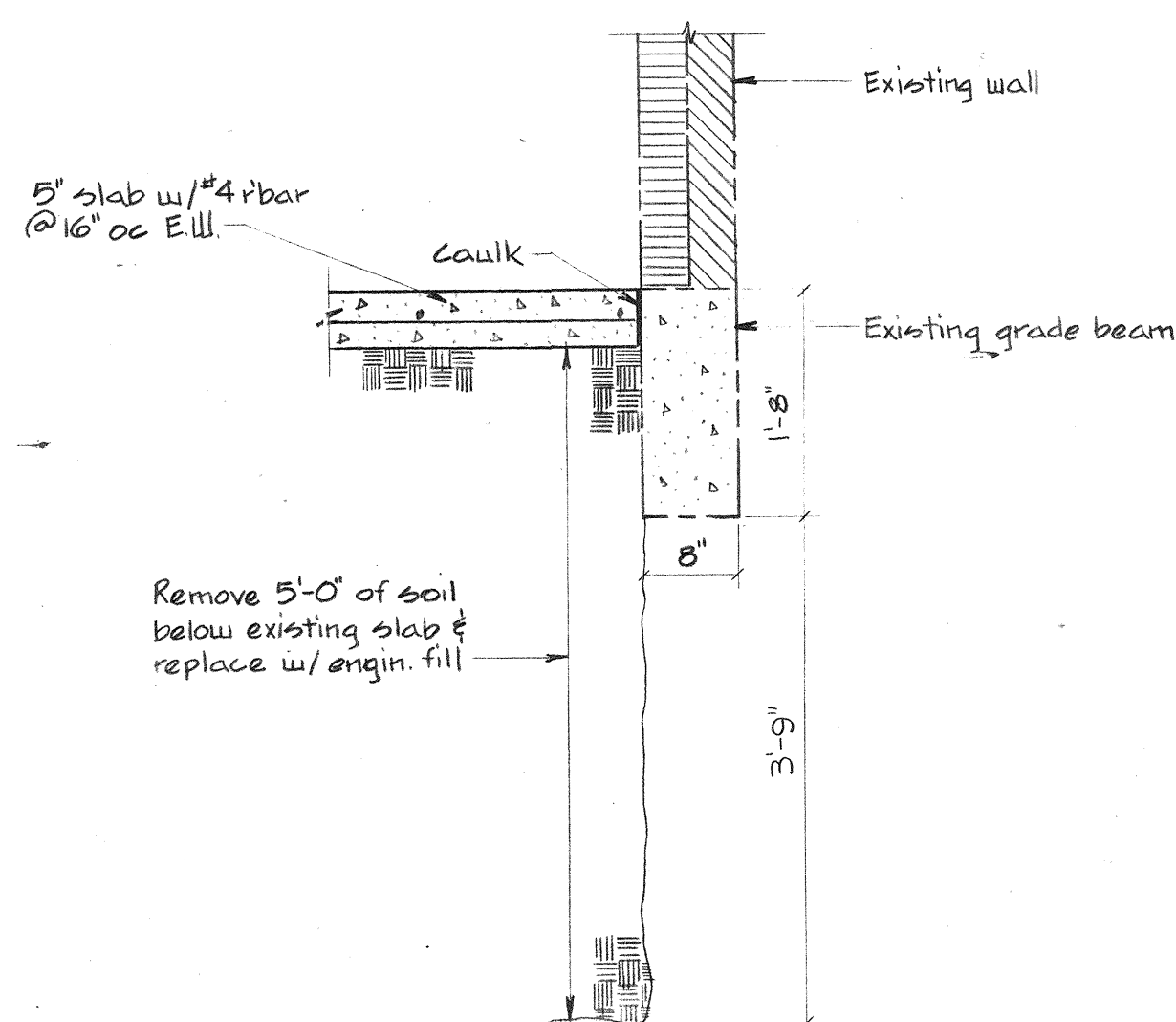




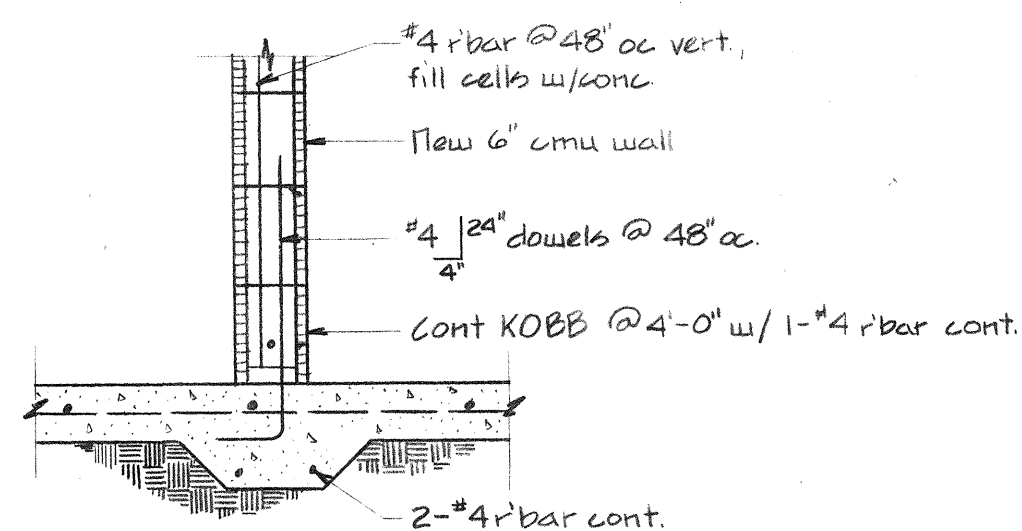
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



FLOOR PLAN
SCALE: 1/8" = 1'-0"



SECTION 1
SCALE: 3/4" = 1'-0"



SECTION 2
SCALE: 3/4" = 1'-0"

GENERAL NOTE

Slope floor slab in Filter Area Room to F.D. See "Filter & Chlor Room Floor Plan" for location of F.D.

STRUCTURAL NOTES

1. All concrete shall have a minimum compressive strength of $f'_c = 3000$ psi at 28 days.
2. All reinforcing steel shall be ASTM 615, grade 40 having a minimum yield strength of 40,000 psi.
3. Reinforcing in new slab on grade to be located at mid depth of slab.
4. The Contractor shall verify all dimensions in the field.
5. The Contractor shall be responsible for providing safe and adequate shoring for all parts of the structure and excavations during construction.

SOIL PREPARATION NOTES

1. Remove the existing 4" concrete slab on grade as shown on the drawing.
2. Remove the underlying wet soils in this area to a depth of at least 5'-0" but not exceeding the depth of the surrounding foundations.
3. Replace the excavated soils with an approved cohesionless pit-run sand-gravel material or a well graded decomposed granite sand. These soils shall be thoroughly mixed "off site" with optimum moisture content, placed in the excavation in thin horizontal lifts (maximum 8" loose depth) and compacted to a minimum of 90% of Modified Proctor Density to the underside of the new floor slab.

