

RIO GRANDE POOL – BATH HOUSE RENOVATION

CITY PROJECT NUMBER 4347.11 DATE JUNE 12, 2002

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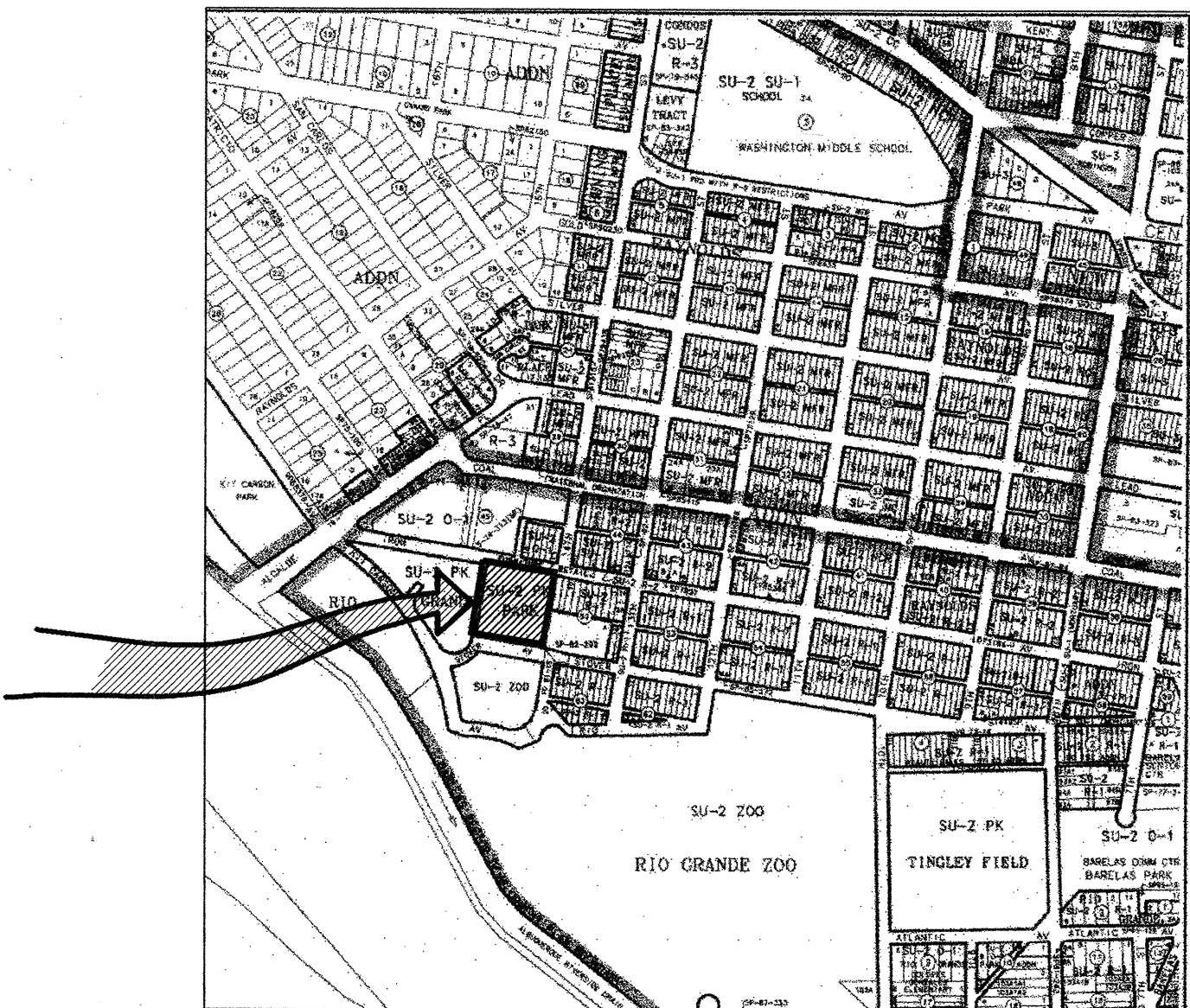
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PARKS & RECREATION
BLANCA HISE

AQUATICS
CHUCK SALAZAR/ROBEN HENRY

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SITE LOCATION MAP



RIO GRANDE POOL 1410 IRON AVE. SW

Kells + Craig

Architects, Inc. • AIA • 400 GOLD SW, SUITE 880 • Albuquerque, New Mexico 87102 • (505) 243-2724

PROPERTY INFORMATION

LEGAL DESCRIPTION
RIO GRANDE SWIM POOL PARK.
RIO GRANDE PARK.

ADDRESS
1410 IRON SW
ALBUQUERQUE NM.

ZONING
SU-2

SITE AREA
2.29 ACRES (aprox.)

CONSULTANTS

MECHANICAL ENGINEERING
GIOMI ENGINEERING, INC.
5901 TOKAY Rd. NE.
ALBUQUERQUE NEW MEXICO 87106
(505) 268-5421

CIVIL ENGINEERING
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY, PARK BLVD. NE
ALBUQUERQUE NEW MEXICO 87109
(505) 345-4250

STRUCTURAL ENGINEERING
CHAVEZ-GRIEVES/CONSULTING ENGINEERS, INC
5639 JEFFERSON NE
ALBUQUERQUE NEW MEXICO 87109
(505) 344-4080

COST ESTIMATING
BALIS AND COMPANY
2832 RICHMOND NE
ALBUQUERQUE NEW MEXICO 87107
(505) 883-7990

ELECTRICAL ENGINEERING
M&E ENGINEERING
8417 WASHINGTON PL. NE
ALBUQUERQUE NEW MEXICO 87113
(505) 856-1699

ASBESTOS ANALYSIS AND TESTING
R&H ASSOCIATES, INC.
7800 MARBLE NE
ALBUQUERQUE NEW MEXICO 87198
(505) 255-5543

BUILDING DATA

OCCUPANCY GROUP B

CONSTRUCTION TYPE VN

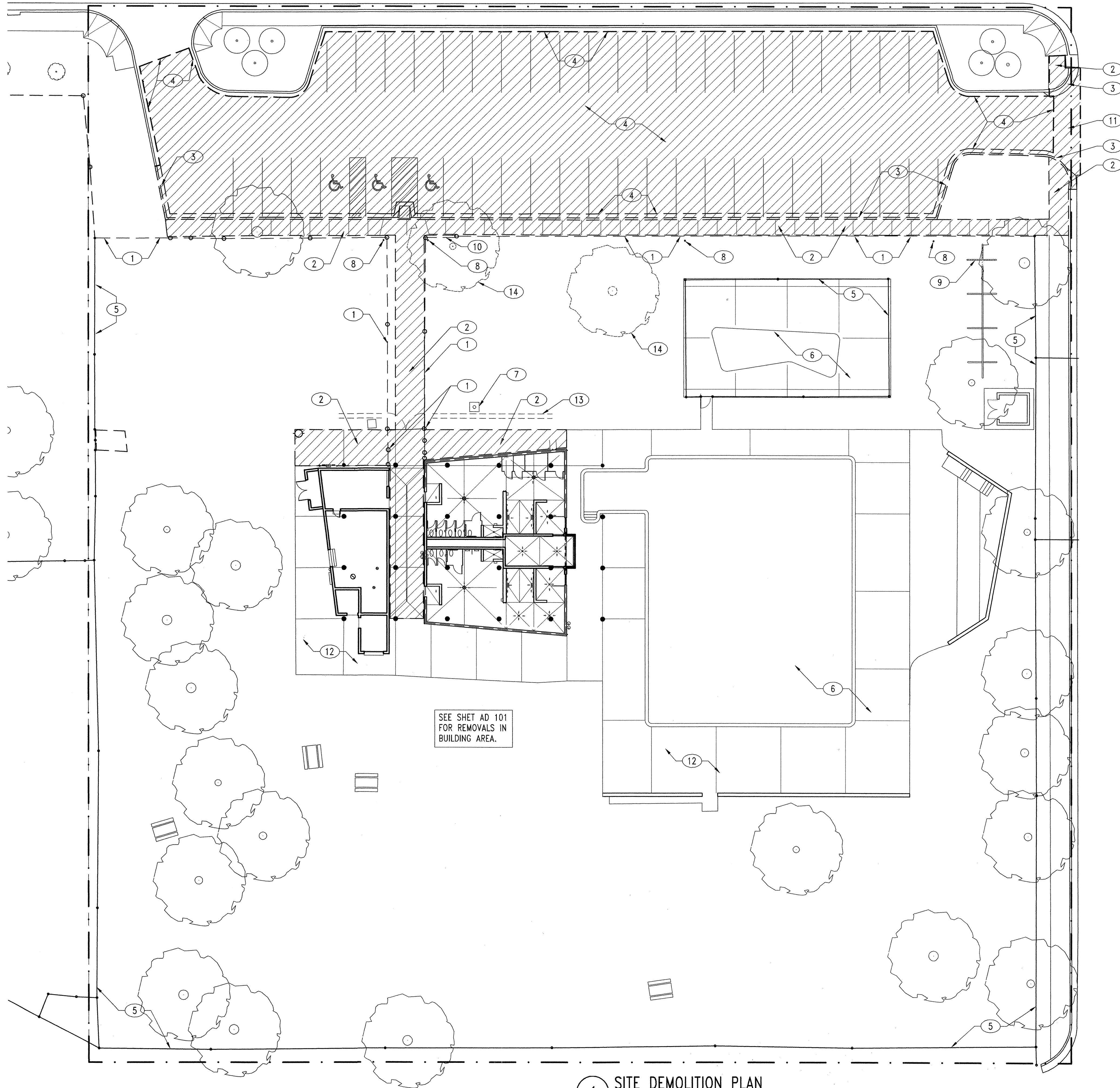
BUILDING AREA 5, 644 sf.

OCCUPANCY LOAD

BATH HOUSE		
MEN	935 sf @ 1/50 = 18.70	19
WOMEN	1042 sf @ 1/50 = 20.84	21
BAG ROOM	195 sf @ 1/100 = 1.95	2
OFFICE	238 sf @ 1/100 = 2.38	3
CONCESSION	92 sf @ 1/200 = .46	1
MECH/STORAGE	544 sf @ 1/300 = 1.82	2
TOTAL		48

BATHING LOAD 248

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ARCHTCT.	STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman			APPROVED FOR CONSTRUCTION		
		Transportation					
		Water/Wastewater					
		Hydrology					
		Parks					
		Constr. Mngmt.			City Engineer Date		
		City Project No. 4347.11			Sheet 1 Of 39		
					G001		



1 SITE DEMOLITION PLAN
1/16" = 1'

<1010BASE.DWG>

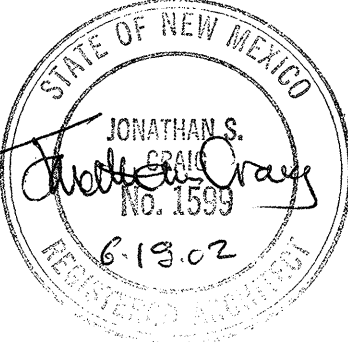
GENERAL NOTES

- CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
- CONTRACTOR IS TO REFER TO DIMENSIONS AND IS NOT TO SCALE OFF DRAWINGS.
- DIMENSIONS ARE TO FACE OF STUD OR FACE OF C.M.U. UNLESS NOTED OTHERWISE.
- LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.
- PROTECT ALL TREES DURING CONSTRUCTION.
- SEE CIVIL, MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL CUT AND PATCH REQUIREMENTS.

KEYED NOTES

- REMOVE CHAIN LINK FENCING INDICATED WITH DASHED LINE. SALVAGE TO OWNER.
- REMOVE SIDEWALK AS INDICATED.
- REMOVE CURB AND GUTTER WITHIN AREA INDICATED.
- REMOVE EXISTING ASPHALT PAVING WITHIN DASHED LINE. PREPARE FOR NEW ASPHALT. REFER TO CIVIL DRAWINGS.
- EXISTING FENCE TO REMAIN.
- EXISTING POOLS AND DECKS TO REMAIN.
- EXISTING FLAG POLE TO REMAIN.
- EXISTING SPRINKLER HEAD. REMOVE AND RELOCATE. SEE LANDSCAPE IRRIGATION DRAWINGS.
- REMOVE PORTION OF SWING STRUCTURE INDICATED. SALVAGE FOR RE-USE.
- REMOVE EXISTING BRICK WALL, SIGN AND FOOTING. SALVAGE PLAQUE TO OWNER.
- REMOVE ASPHALT FOR NEW CONCRETE SWALE. REFER TO CIVIL DRAWINGS.
- EXISTING PAVING TO REMAIN.
- REMOVE AND REPAIR SOD AS REQUIRED FOR UTILITY INSTALLATIONS.
- REMOVE EXISTING ELM TREES. REMOVE STUMP AND ROOTS TO 24" BELOW GRADE.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		DESIGNED BY: SK		DATE: 6/12/02	
CONTRACTOR	DATE:	WORK STAMPED BY	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	DATE	NO.	BY	NO.	DATE	DESIGNED BY: SK	DATE: 6/12/02	DESIGNED BY: SK	DATE: 6/12/02
INSPECTOR'S APPROVAL	DATE:	FIELD VERIFICATION BY	DATE:							DRAWN BY: JCS	DATE: 6/12/02	DRAWN BY: JCS	DATE: 6/12/02
DRAWING CORRECTED BY	DATE:	MICRO-FILM INFORMATION								CHECKED BY: PKH	DATE: 6/12/02	CHECKED BY: PKH	DATE: 6/12/02
RECORDED BY	NO.												



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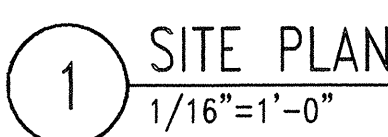
400 Gold SW
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Albuquerque, New Mexico 87102

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(505) 243-2724

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SITE DEMOLITION PLAN

Design Review Committee	City Engineer Approval	Update	MD/YR	MD/YR



GENERAL NOTES

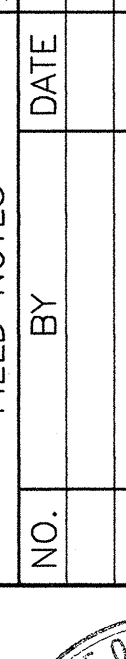
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- D. LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.
- F. PROTECT ALL TREES DURING CONSTRUCTION.

KEYED NOTES ○

1. INSTALL NEW CURB AND GUTTER WHERE INDICATED. SEE DETAIL 13/AS501.
2. INSTALL NEW CURB RAMP. SEE CIVIL DRAWINGS.
3. CONSTRUCT DUMSTER ENCLOSURE. SEE DETAIL 1/AS501.
4. INSTALL STABILIZED CRUSHER FINES IN AREA INDICATED.
5. INSTALL NEW SIDEWALK. 4" THICK 4000 PSI CONCRETE.
6. EXISTING POOLS AND DECKS TO REMAIN.
7. EXISTING CONCRETE PAVING TO REMAIN.
8. EXISTING CONCRETE SEATING TO REMAIN.
9. EXISTING STONE WALL TO REMAIN.
10. EXISTING PICNIC TABLES TO REMAIN.
11. EXISTING SWING SET. REMOVE NORTH SECTION AND REINSTALL END BRACE IN 18" X 24" DEEP CONCRETE FOOTING.
12. EXISTING SERVICE BUILDING TO REMAIN.
13. INSTALL NEW STEEL FENCING AND GATES AS INDICATED. SEE SHEET AS02 FOR DETAILS.
14. INSTALL NEW ASPHALT PAVING. SEE CIVIL DRAWINGS.
15. INSTALL NEW PARKING STRIPING AND GRAPHICS, TYPICAL.
16. EXISTING TREES TO REMAIN, PROTECT DURING CONSTRUCTION.
17. CONSTRUCT NEW HEADER CURB. 18" WIDE, 18" HIGH, FLUSH WITH TOP OF ADJACENT CURB. SEE DETAIL 12/ASA501.
18. INSTALL NEW STORM INLETS AND PIPING. SEE CIVIL DRAWINGS.
19. EXISTING GAS METER TO REMAIN. SEE PLUMBING DRAWINGS FOR NEW UNDERGROUND CONNECTION TO EXISTING PIPING.
20. MOW STRIP. SEE DETAIL 11/AS502.
21. NOT USED
22. EXISTING CHAIN LINK FENCE TO REMAIN.
23. EXISTING FLAG POLE. PAINT.
24. EXISTING IRRIGATION CONTROLLER. MODIFY PER LANDSCAPE IRRIGATION PLAN.
25. REINSTALL EXISTING LIGHT POLE AND FIXTURE. PROVIDE NEW POLE BASE. SEE ELECTRICAL DRAWINGS.
26. EDGE OF NEW PAVEMENT.
27. INSTALL NEW FACILITY SIGN. SEE DETAIL 1/AS502.
28. INSTALL STANDING HEADER CURB. SEE DETAIL 14/AS501.
29. INSTALL SIDEWALK RAMP, TYPICAL. 6' LONG. 1:12 SLOPE.
30. BIKE RACKS, TYPICAL. SEE DETAIL 11/AS501.
31. NEW LANDSCAPE IN THIS AREA. SEE LANDSCAPE DRAWINGS.
32. MOUNTABLE CURB. SEE CIVIL DRAWINGS.
33. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR NEW UNDERGROUND INSTALLATIONS AND CONNECTIONS.
34. 12" GATE. SEE DETAIL 6/AS502.
35. 4" GATE. SEE DETAIL 7/AS502.
36. ACCESSIBLE PARKING SIGN, TYPICAL. SEE DETAIL 8/AS501.
37. CONTROL JOINT, TYPICAL. SEE DETAIL 10/AS501.

LOCATION
BAD

Late Shows Be As High
As Fence 2'

NO.	DATE	REVISIONS/REMARKS	BY	ARCHITECT'S STAMP	SURVEY INFORMATION		BENCH MARK	AS BUILT INFORMATION		
					FIELD NOTES		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	CONTRACTOR		
					NO.	BY		DATE:	WORK STAGED BY	DATE:
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									FIELD VERIFICATION BY	DATE:
									DRAWING CORRECTED BY	DATE:
									MICRO-FILM INFORMATION	DATE:
DESIGNED BY: SK				DATE: 6/12/02				RECORDED BY	DATE:	
DRAWN BY: JCS				DATE: 6/12/02				NO.		
CHECKED BY: PKH				DATE: 6/12/02						

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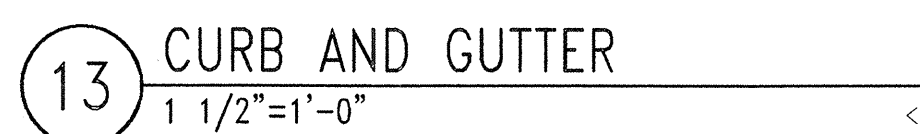
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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

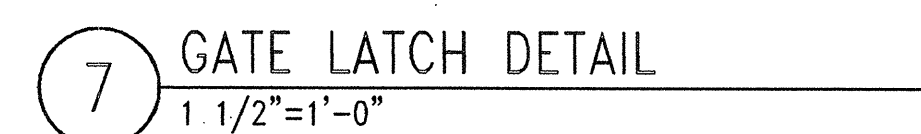
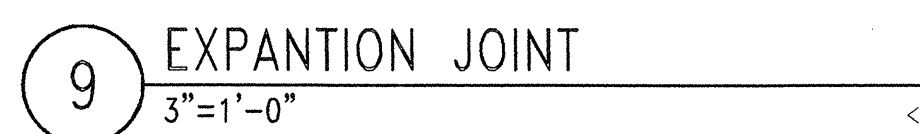
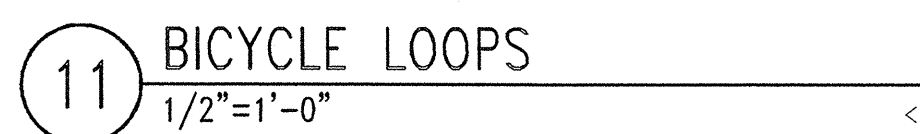
TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MM/DD/YYYY	MM/DD/YYYY
City Project No. 4347.11		Zone Map K-13-Z	No. Sheet 3 AS101	Of 39



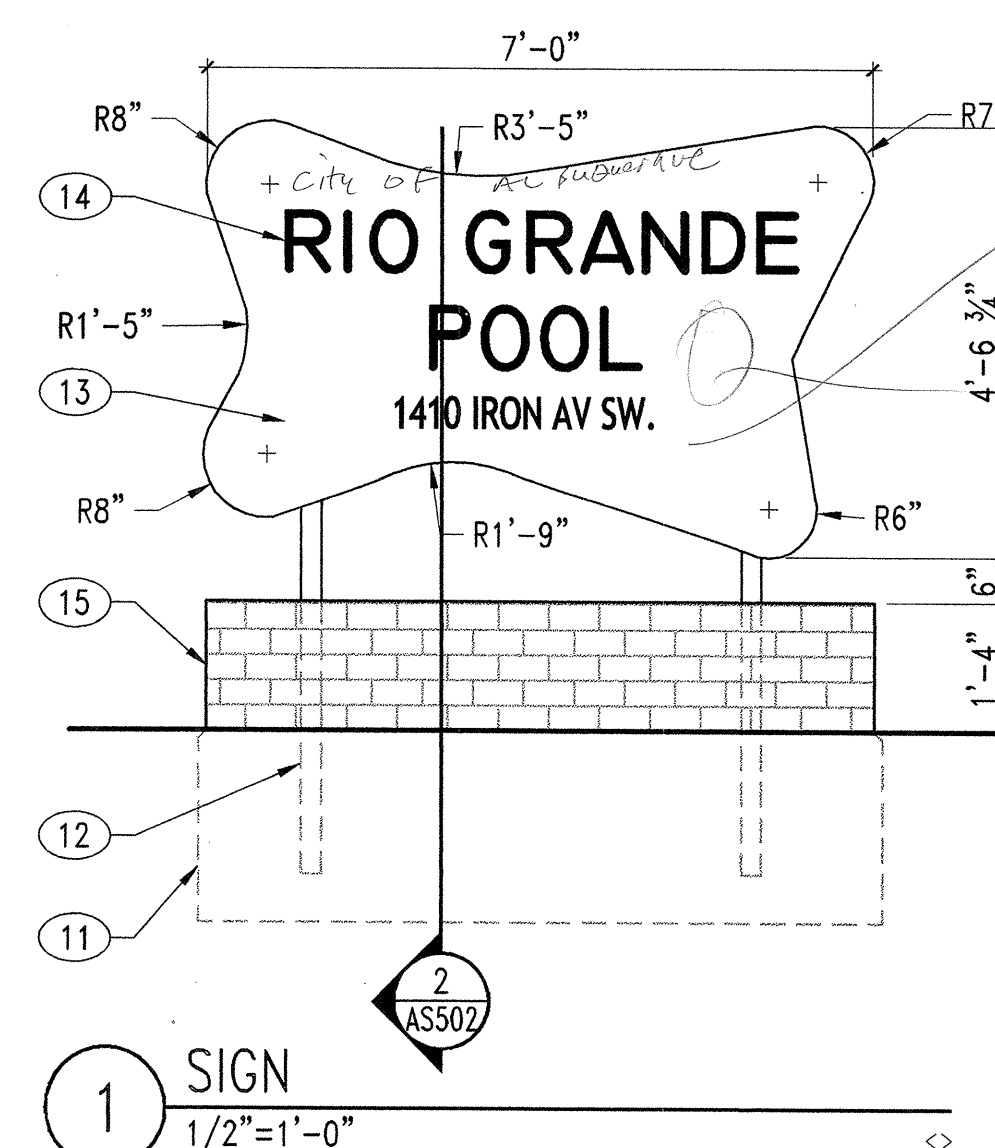
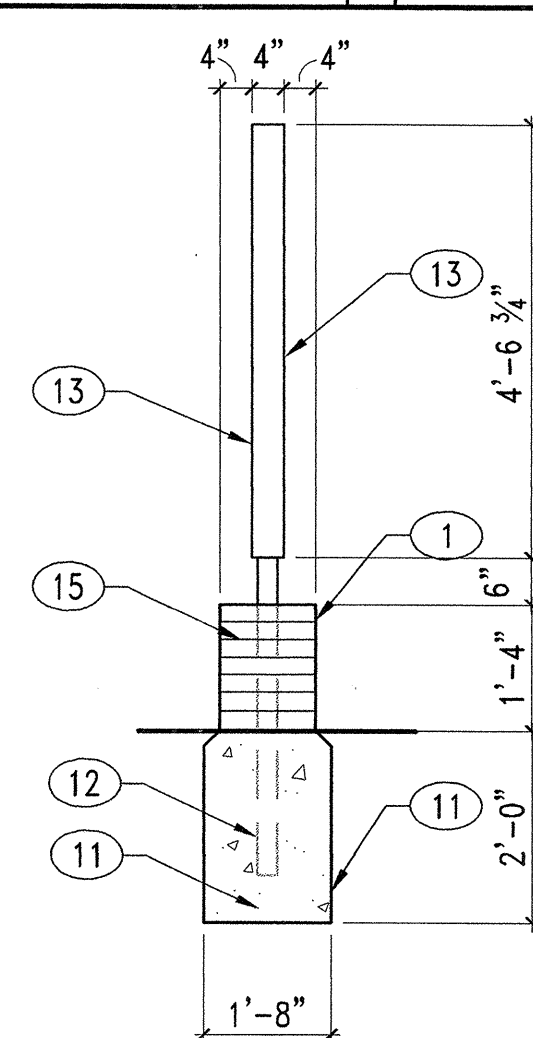
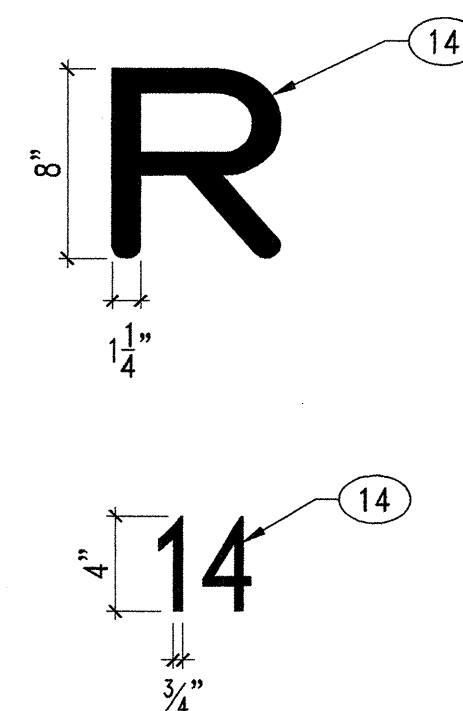
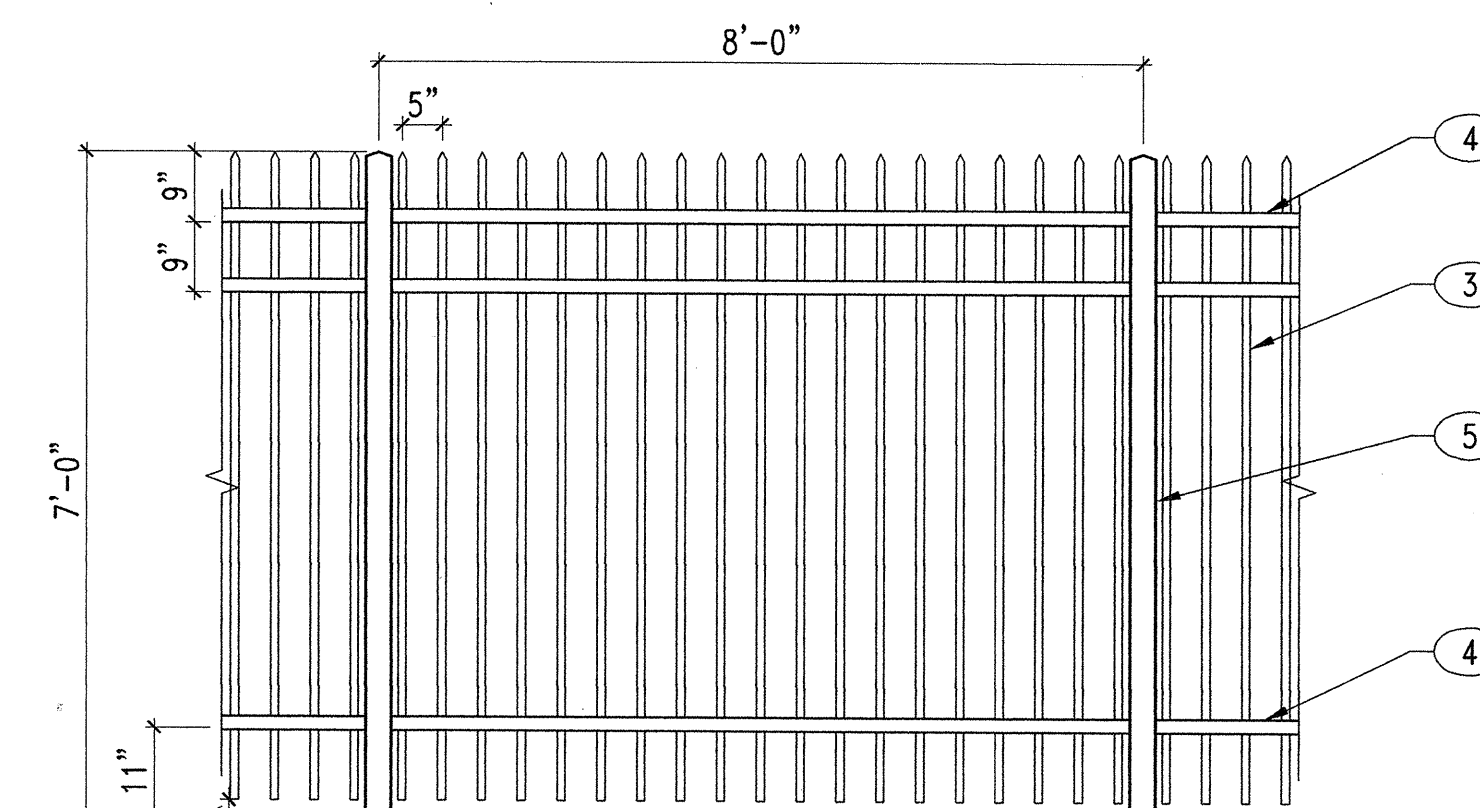
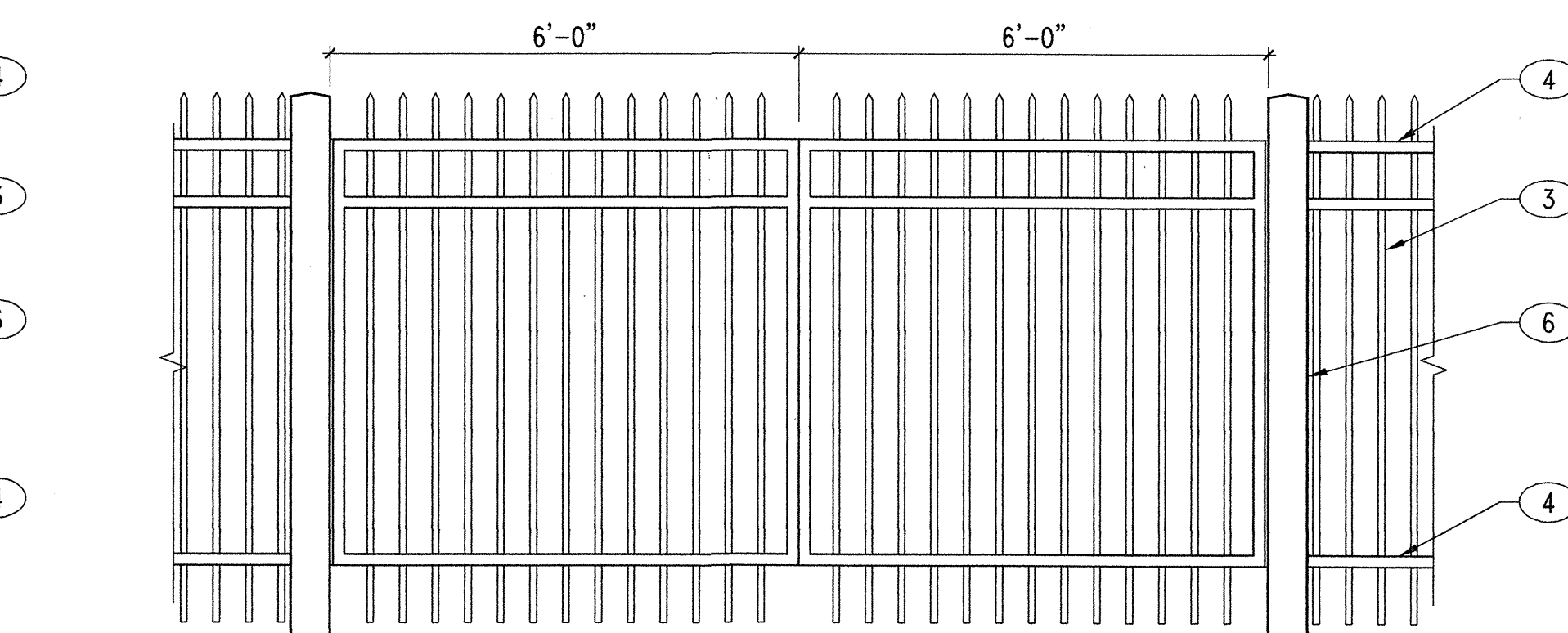
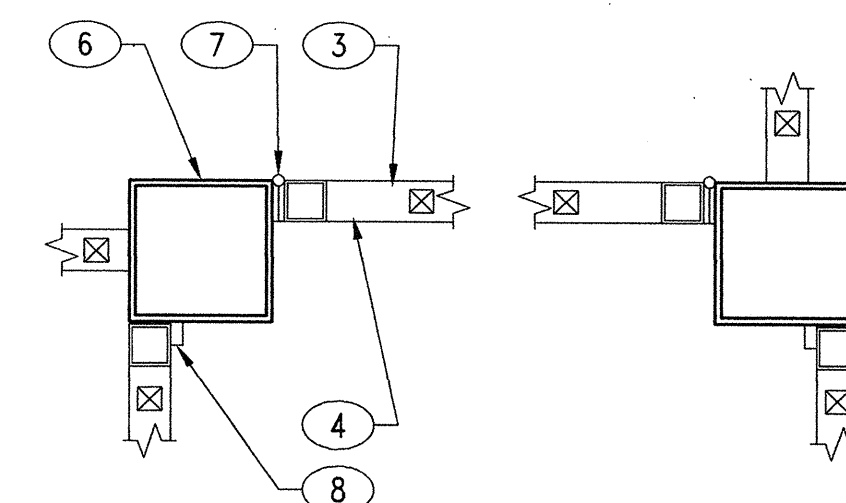
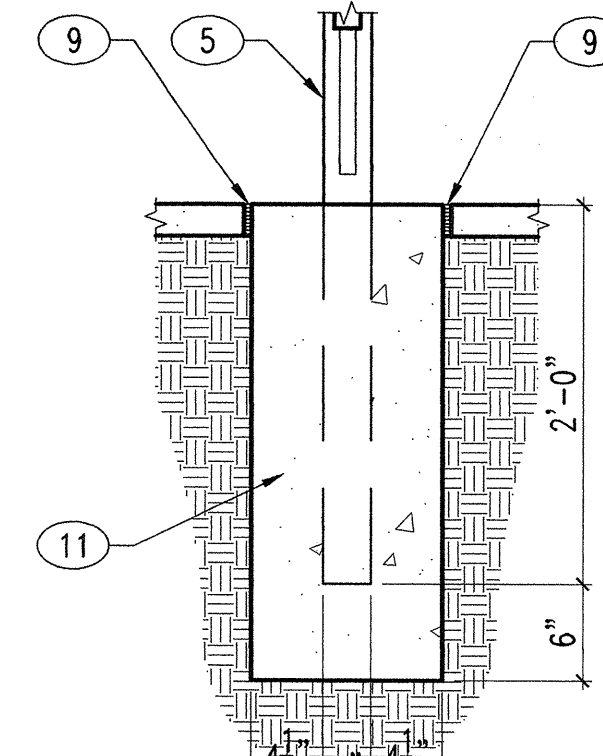
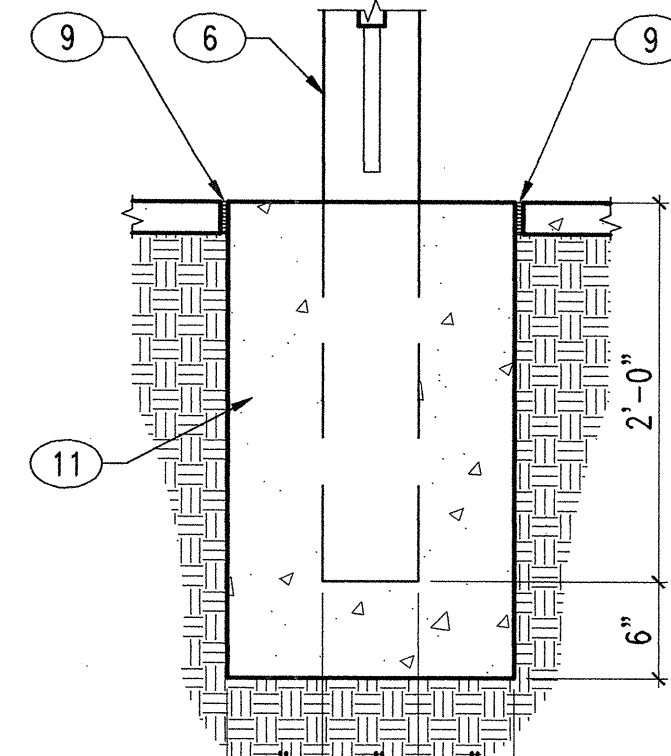
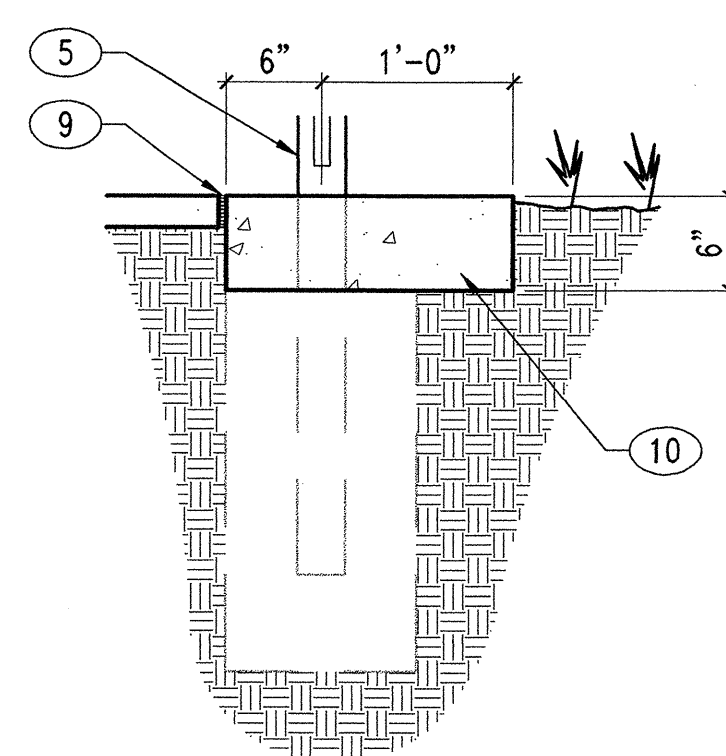
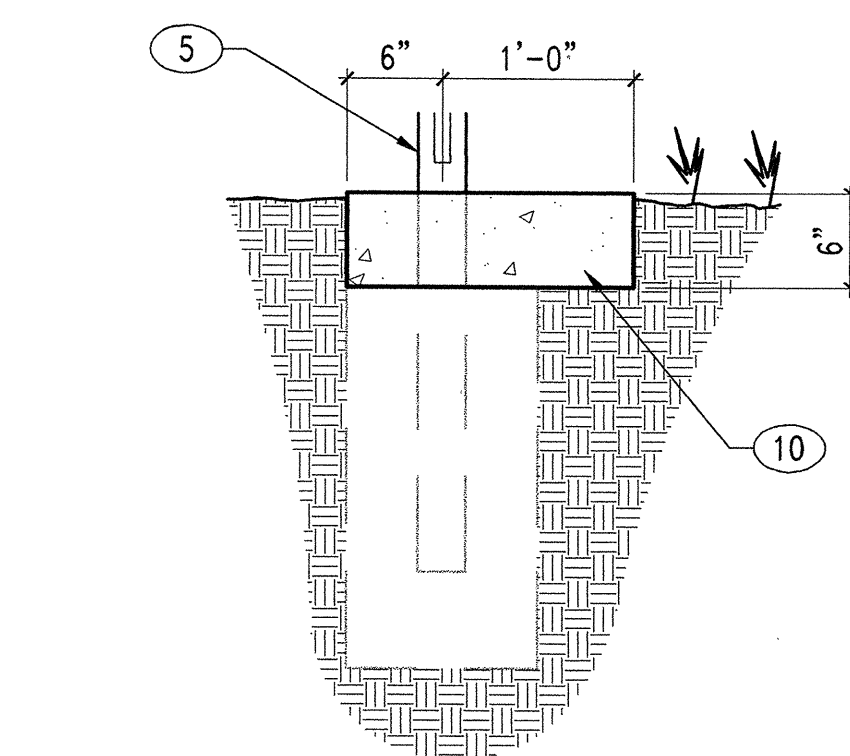
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- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.
- F. PROTECT ALL TREES DURING CONSTRUCTION.

1. 8" REINFORCED C.M.U. WALL.
2. 6" THICK 4000 P.S.I. CONCRETE APRON WITH 6 X 6 10/10 W.W.M.
3. 6" O.D. CONCRETE FILLED PIPE, 4'-0" ABOVE GRADE. SEE DETAIL 5/ASSO1.
4. 3" O.D. GALVANIZED GATE POST. PLACE 3'-0" INTO CONCRETE FOOTING 1'-0" X 3'-6" DEEP.
5. 2" O.D. GALVANIZED GATE FRAME.
6. 1" X 4" CEDAR SLATS. PAINT. SCREW TO GATE FRAME WITH #12 X 1 1/2" GALVANIZED SCREWS.
7. HEAVY DUTY GATE HINGE, 3 PER GATE LEAF.
8. 5/8" X 3'-0" CANE BOLT. PROVIDE 1 PER GATE LEAF.
9. 1" O.D. X 4" GALVANIZED PIPE SOCKETS FOR CANE BOLTS. CAST INTO CONCRETE SLAB.
10. 1/2" EXPANSION JOINT WITH SEALANT.
11. 1/8" X 2" GALVANIZED STRAP. WELD TO BACK SIDE OF EACH GATE AS SHOWN.
12. 3 #4 BARS, CONT.
13. 2 #4 BARS, CONT.
14. #4 DOWELS, 32" O.C.
15. #4 BARS CONTINUOUS IN K.O. CONCRETE BOND BEAM
16. #4 BARS, 16" O.C.
17. #4 VERTICAL BAR, 32" O.C. GROUT ALL REINFORCED CEMENT.
18. SLOPE GROUT TO DRAIN.
19. CONCRETE FOOTING.
20. TOOLED JOINT.
21. CONCRETE SLAB.
22. EXISTING CURB AND SIDEWALK.
23. WTL. HANDICAP PARKING SIGN. PER ADAAG. #703.7.
24. GROUT SOLID ALL CARS BELOW GRADE.
25. 1-1/2" Ø STEEL POST.
26. "VAN" SIGN AS REQUIRED.
27. NEW 2" ASPHALT PAVING.
28. 1/2" BITUMINUS FILLER.
29. PREFABRICATED BIKE LOOPS. SEE SPEC'S.
30. 2" SAND.
31. COMPACTED SUBGRADE.



STATE OF NEW MEXICO
JONATHAN S.
00CR416
No. 1599
6.18.02
REGISTERED JUDICIAL

City Project No.	Zone Map No.	Sheet 4	Of 39
4347.11	K-13-Z	AS501	



GENERAL NOTES

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- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.
- F. PROTECT ALL TREES DURING CONSTRUCTION.

KEYED NOTES ○

1. BRICK WALL.
2. SIGN LETTERS.
3. 1" X 1" X 16 GA. STEEL TUBE, 5" O.C.
4. 1 3/4" X 1 3/4" 15 GA. STEEL TUBE.
5. 3 X 3 STEEL TUBE.
6. 6 X 6 STEEL TUBE.
7. HINGE.
8. STRIKE.
9. 1/2" EXPANSION JOINT. SEE DETAIL 9/AS501.
10. CONCRETE MOW STRIP.
11. CONCRETE FOOTING.
12. 2 1/2" * GALVANIZED STEEL PIPE. CAST INTO FIBERGLASS AND CONCRETE FOOTING.
13. FIBERGLASS SIGN.
14. ALUMINUM LETTERS AND NUMBERS.
15. BRICK SIGN BASE.

[illegible]

Kells + Craig

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Suite 880
Albuquerque, New Mexico 87102

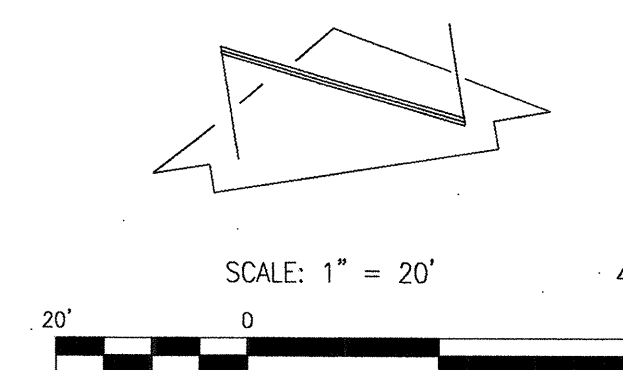
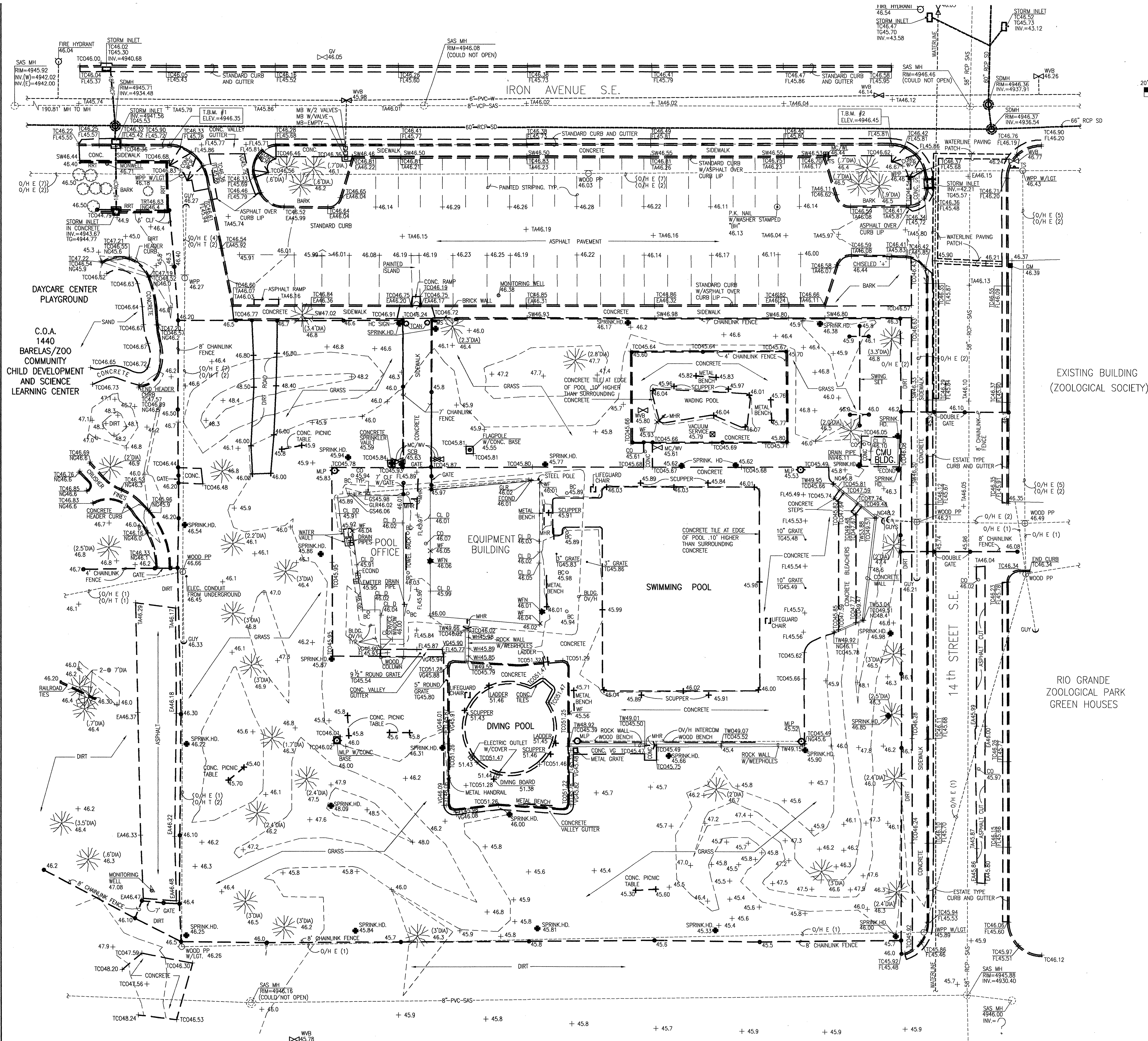
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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SITE DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	MI / MAY / YR.	MI / MAY / YR.
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet 5 AS502	Of 39	

Plot Date: 03-23-2001
Plot Time: 08:32 am
File Path: \\WORKGROUP\100911.DWG
File Name: 100911.DWG



VICINITY MAP K-13

PROJECT BENCHMARK
STATION IS A 3" BWH BRASS CAP SET IN CONCRETE, FLUSH WITH THE GROUND AND STAMPED T-413, AND IS LOCATED AT THE NORTHWEST CORNER OF TINGLY DRIVE AND ALCALDE PLAZA S.E.
ELEVATION = 4956.95 FEET (M.S.L.D.)

T.B.M.
T.B.M. #1
A CHISELED "C" LOCATED ON THE TOP OF CURB AT THE WEST RETURN ADJACENT TO THE NORTHWEST PROPERTY CORNER.
ELEVATION = 4946.35 FEET (M.S.L.D.)
T.B.M. #2
A CHISELED "C" ON THE TOP OF CURB AT THE WEST SOUTHWEST RETURN LOCATED AT THE INTERSECTION OF IRON AVE. S.E. AND 14TH STREET S.E.
ELEVATION = 4946.45 FEET (M.S.L.D.)

- LEGEND**
- (E) EAST
 - (S) SOUTH
 - (W) WEST
 - BC BUILDING COLUMN
 - BLDG. OV/H BUILDING OVERHANG
 - CLF CHAINLINK FENCE
 - CL D CENTERLINE OF DOOR
 - CL DD CENTERLINE OF DOUBLE DOOR
 - CO CLEAN-OUT
 - EA EDGE OF ASPHALT
 - ECND ELECTRIC CONDUIT
 - EMETER ELECTRIC METER
 - FL FLOWLINE
 - GLR GAS LINE TO ROOF
 - GM GAS METER
 - GS GAS SERVICE
 - GV GAS VALVE
 - HC HANDICAP
 - INV INVERT
 - MC/WL METER CAN WITH WATERLINE
 - MC/WV METER CAN WITH WATER VALVE
 - MHR METAL HANDRAIL
 - MLP METAL LIGHT POLE
 - MONWELL MONITORING WELL
 - MS METAL SIGN
 - NS NATURAL GRADE
 - O/H E (4) OVERHEAD ELECTRIC (NO. OF LINES)
 - O/H T (1) OVERHEAD TELEPHONE (NO. OF LINES)
 - PVC POLYVINYL CHLORIDE PIPE
 - PP POWER POLE
 - RCP REINFORCED CONCRETE PIPE
 - RRT RAILROAD TIE
 - SAS MH SANITARY SEWER MANHOLE
 - SCB SPRINKLER CONTROL BOX
 - SDMH STORM DRAIN MANHOLE
 - SI STORM INLET
 - SPRINK.HD. SPRINKLER HEAD
 - SW SIDEWALK
 - TA TOP OF ASPHALT
 - TC TOP OF CURB
 - TOAN TRASH CAN
 - TCO TOP OF CONCRETE
 - TO TOP OF GRADE
 - TRT TOP OF RAILROAD TIE
 - TW TOP OF WALL
 - TYT TYPICAL
 - VCP VITRIFIED CLAY PIPE
 - VG VALLEY GUTTER
 - W/ WITH
 - WF WATER FAUCET
 - WFN WATER FOUNTAIN
 - WH WEEP HOLE
 - WPP WOOD POWER POLE
 - WPP W/LGT WOOD POWER POLE WITH LIGHT
 - WVB WATER VALVE BOX
 - + 45.9 EXISTING SPOT ELEVATION
 - EXISTING CONTOUR
 - (3'DIA) EXISTING DECIDUOUS TREE
 - (3'DIA) EXISTING SHRUB

BOUNDARY AND TOPOGRAPHIC SURVEY
RIO GRANDE POOL

FOR INFORMATION ONLY						C101	
		NEL	DATE	BY	REVISIONS	JOB NEL	
y	RCV/ALD						2001.009.1
	SGH					DATE	03-2001
y	CGC					SHEET	6 OF 39

I. INTRODUCTION AND EXECUTIVE SUMMARY

II. PROJECT DESCRIPTION

III. BACKGROUND DOCUMENTS

IV. EXISTING CONDITIONS

V. DEVELOPED CONDITIONS

VI. GRADING PLAN

VII. CALCULATIONS

VIII. CONCLUSION

1. THIS PROJECT IS MODIFICATION TO AN EXISTING SITE WITHIN AN INFILL AREA
2. NEGLIGIBLE INCREASE IN DEVELOPED RUNOFF
3. PROXIMITY TO DOWNSTREAM DRAINAGE FACILITIES
4. CONFORMANCE WITH THE PREVIOUSLY APPROVED DRAINAGE PLAN

I. PRECIPITATION ZONE = 2
II. $P_{6,100} = P_{360} = 2.35$ IN
III. TOTAL AREA (A_T) = 18,325 SF / 0.42 AC

TREATMENT	AREA (SF/AC)	%
B	1,460/0.03	07
D	17,125/0.39	93

TREATMENT	AREA (SF/AC)	%
B	1,330/0.03	07
D	16,995/0.39	93

A. VOLUME

$$E_W = (E_{A_A} + E_{B_B} + E_{C_C} + E_{D_D})/A_T$$
$$E_W = [0.78(0.03) + 2.12(0.39)]/0.42 = 2.02 \text{ IN}$$
$$V_{100.6-HR} = (2.02/12)0.42 = 0.0709 \text{ AC-FT} = 3,090 \text{ CF}$$
$$Q_P = Q_{PA}A + Q_{PB}B + Q_{PC}C + Q_{PD}D$$

$$Q_P = Q_{100} = 2.28(0.03) + 4.70(0.39) = 1.9 \text{ CFS}$$

A. VOLUME

$$E_W = (E_{A_A} + E_{B_B} + E_{C_C} + E_{D_D})/A_T$$

$$E_W = [0.78(0.03) + 2.12(0.39)]/0.42 = 2.02 \text{ IN}$$

$$V_{100,6-HR} = (E_W/12)A_T$$

$$V_{100,6-HR} = (2.02/12)0.42 = 0.0709 \text{ AC-FT} = 3,090 \text{ CF}$$
$$Q_P = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$$

$$Q_P = Q_{100} = 2.28(0.03) + 4.70(0.39) = 1.9 \text{ CFS}$$

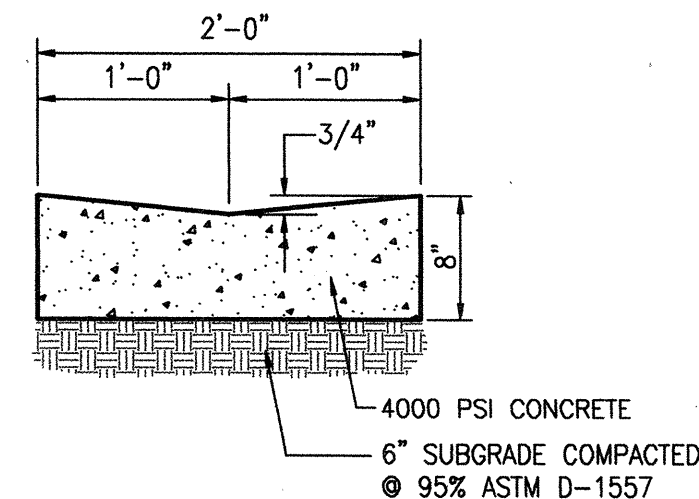
1. GRATE CAPACITY
USING DPM PLATE 22.3 D-5
WHERE:
D = 0.5 FT
S = 0.0020

THEN:
Q = 4.0 CFS > $Q_{100} = 1.9$ CFS

$$Q = 1.486/n R^{0.67} S^{0.5} A \text{ (MANNING'S EQN.)}$$

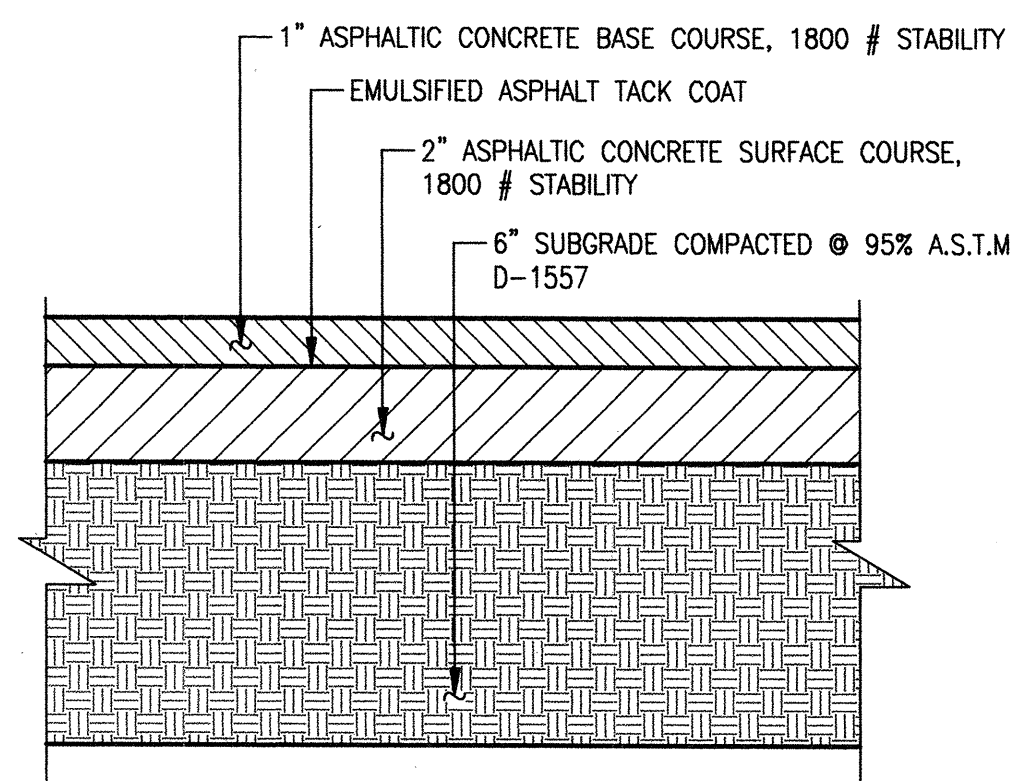
A = 0.785 SF (12" PIPE FLOWING FULL)
P = 3.14 FT
R = A/P = 0.785/3.14 = 0.25 FT
S = 0.0050
THEN:
Q = 2.7 CFS > Q₁₀₀ = 1.9 CFS

A. VOLUME
 $\Delta V = 0 - 0 = 0$ CE (NO CHANGE)

$$\Delta Q_{100} = 1.9 - 1.9 = 0.0 \text{ CFS (NO CHANGE)}$$


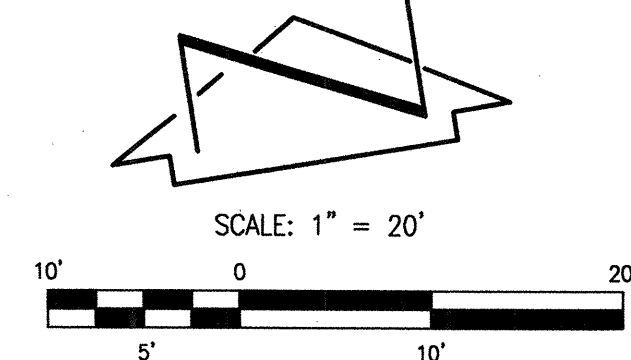
TYPICAL VALLEY GUTTER SECTION

SCALE: 1" = 1'



TYPICAL ASPHALT PAVING SECTION

SCALE: 1" = 4'



LEGAL DESCRIPTION

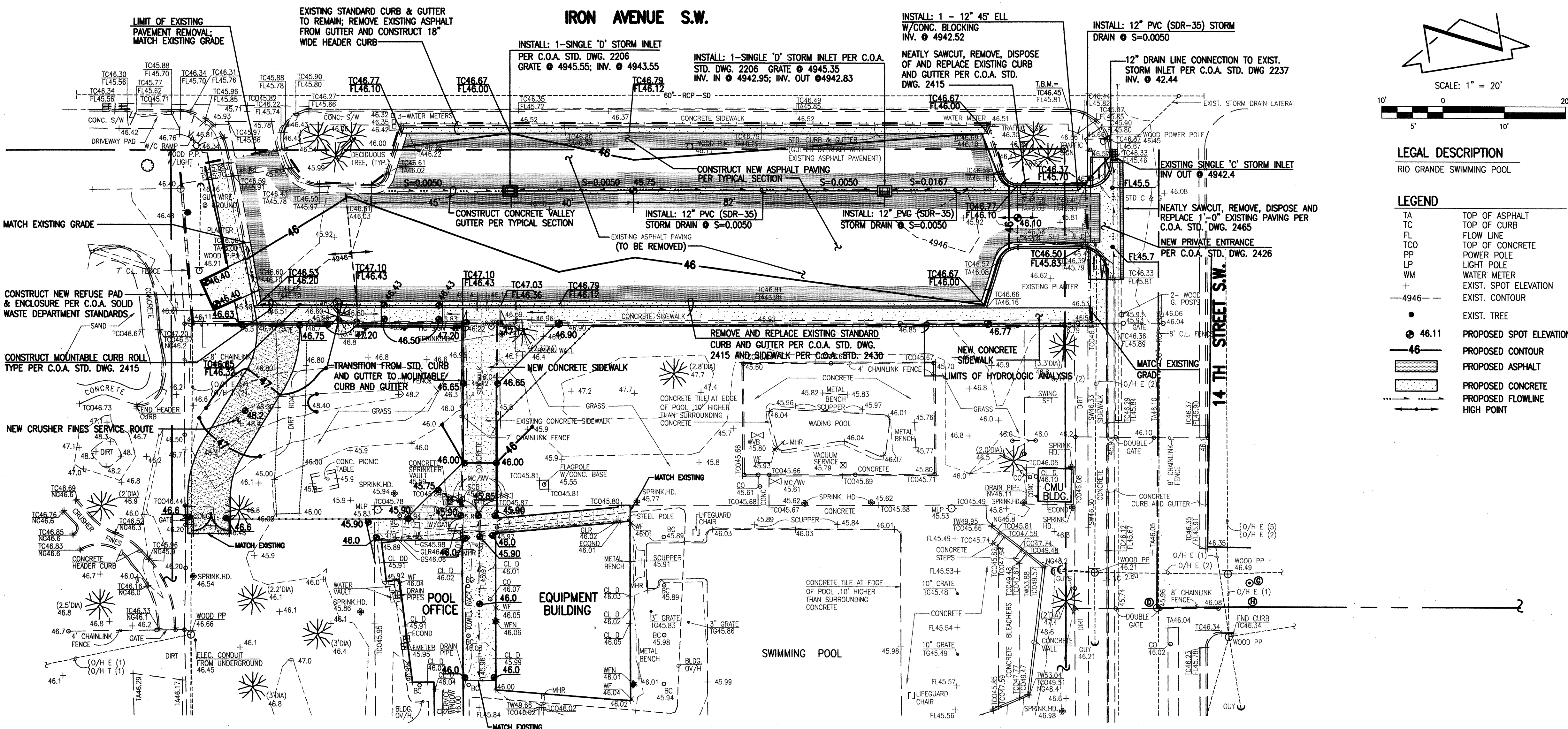
RIO GRANDE SWIMMING POOL

LEGEND

TA	TOP OF ASPHALT
TC	TOP OF CURB
FL	FLOW LINE
PP	TOP OF CONCRETE
PO	POWER POLE
LP	LIGHT POLE
WM	WATER METER
+	EXIST. SPOT ELEVATION
—4946—	EXIST. CONTOUR
●	EXIST. TREE
⊕ 46.11	PROPOSED SPOT ELEVATION
46	PROPOSED CONTOUR
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	PROPOSED FLOWLINE
	HIGH POINT

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.



Jura
930313

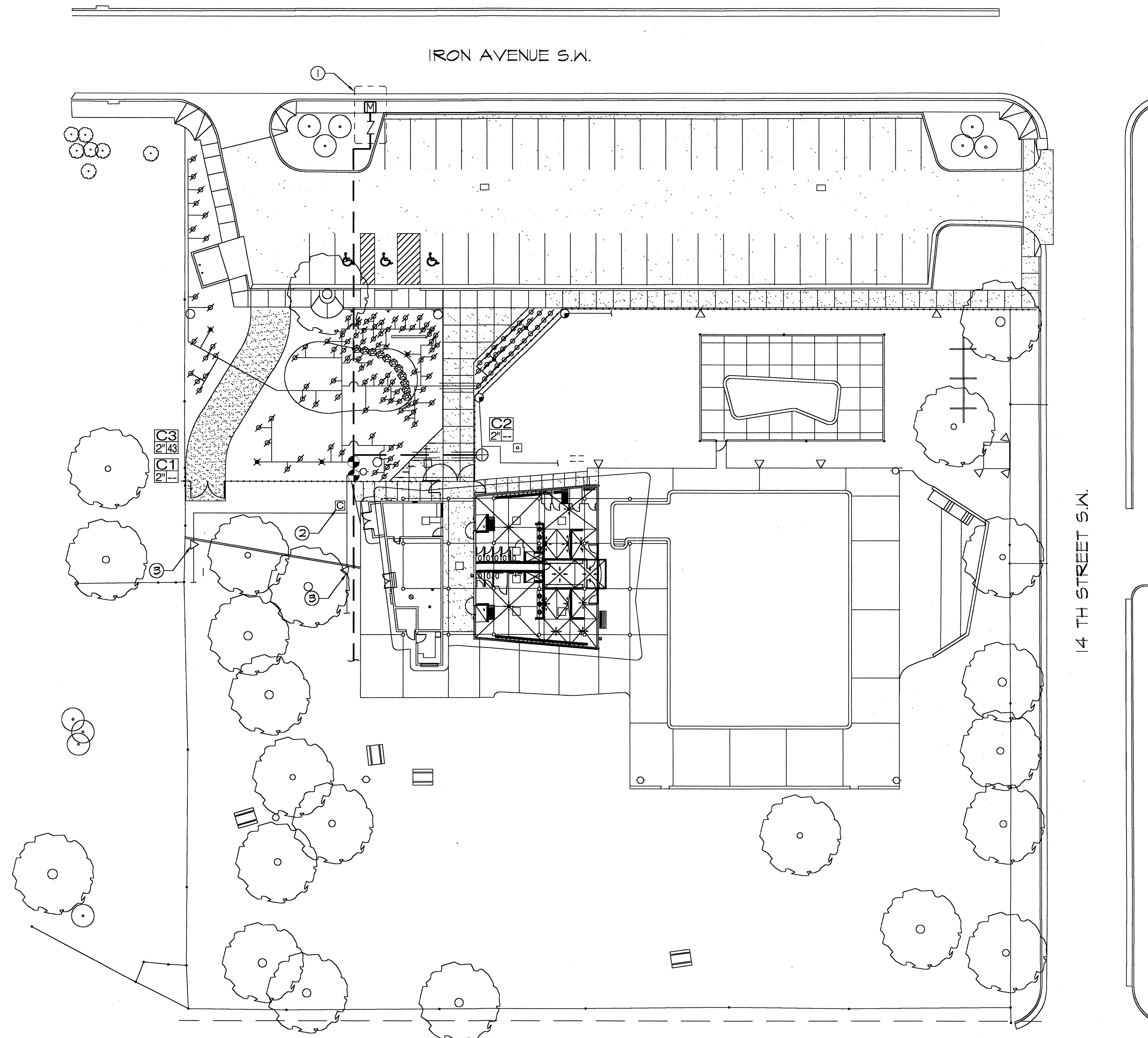
JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
☐ FAX: 505 345-4254 ☐ Email: jmainc@swcp.com

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN AND DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-
BATHHOUSE RENOVATION
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
			MAY 21, 2002	
City Project No. 4347.11		Zone Map No. K-13	Sheet C102	Of

File Path:	E:\DATA\ACAD\14\930313\	Plot Date:	05-29-2002
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GENERAL IRRIGATION NOTES

1. The system design assumes a minimum static pressure of 60 PSI at the 1-inch point-of-connection. The irrigation contractor shall verify pressure and flow on site prior to construction.
2. The irrigation contractor shall become thoroughly familiar with the specifications for this and related work prior to construction.
3. The irrigation contractor shall determine the exact location of underground utilities and electrical wiring prior to construction.
4. The irrigation contractor shall not install the sprinkler system when it is obvious in the field that obstructions or grade differences exist that might not have been considered in the engineering, or if the discrepancies in construction details, legend, notes, or specifications are discovered. All such obstructions or discrepancies shall be brought to the attention of the Owner's Representative.
5. The drawings are diagrammatic. In some cases, irrigation components may be shown outside of planting areas for clarity. The irrigation contractor shall avoid any conflicts between the irrigation system, planting materials, and above ground utilities. Irrigation pipe and wiring shall be installed in landscaped areas whenever possible.
6. All irrigation components shall be installed in accordance with section 1001-Landscape Irrigation System, and referenced details contained within the City of Albuquerque standard specifications manual, latest edition.

IRRIGATION CONSTRUCTION NOTES

- ① Existing meter and backflow preventer.
- ② Controller location - see Irrigation Legend. Final location shall be coordinated in the field with the Owner's Representative.
- ③ Adjust sprinkler head radius as necessary.

IRRIGATION EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
==	Sleeving: Class 200 PVC (2 sizes larger than pipe to be sleeved)
---	Existing Irrigation Mainline
---	Lateral Pipe: Schedule 40 PVC, 18" Depth, 3/4" Unless Noted Otherwise
⊕	Automatic Valve Assembly: Rain Bird PEB-PRS-D Series
⊕	Existing Valve
▽	Existing Sprinkler Head to remain
○	Existing Sprinkler Head to be removed
⊙	Rotor Sprinkler Assembly: Hunter I-20 Series (COA Detail 2709) 120-ADS-1.0, (40°), Nozzle 1, 31' radius, 1.2 gpm @ 50 psi, 120-ADS-2.0, (180°), Nozzle 2, 38' radius, 2.0 gpm @ 50 psi, 120-ADS-1.5, (360°), Nozzle 1.5, 34' radius, 1.6 gpm @ 50 psi
⊙	Bubbler Assembly: Rain Bird 1400 Series Pressure Compensating Bubbler 1401 (.25 gpm) - 1 per shrub 1408 (2.0 gpm) - 1 per tree
⊕	Irrigation Controller: Toro MIRE5000s MBS-25 (2 station) in stainless steel enclosure. Ground per manufacturers recommendations.
C2	Indicates Controller and Station Number
1 1/2	Indicates Lateral Discharge in GPM
1 1/2	Indicates Remote Control Valve Size in Inches

CONSENSUS PLANNING, INC.
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400 Gold SW
Suite 880
Albuquerque, New Mexico 87102

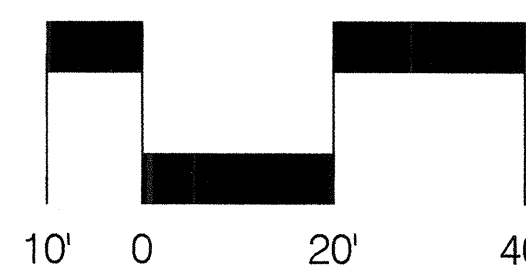
Architects, Inc. AIA
(5 5) 243-2724

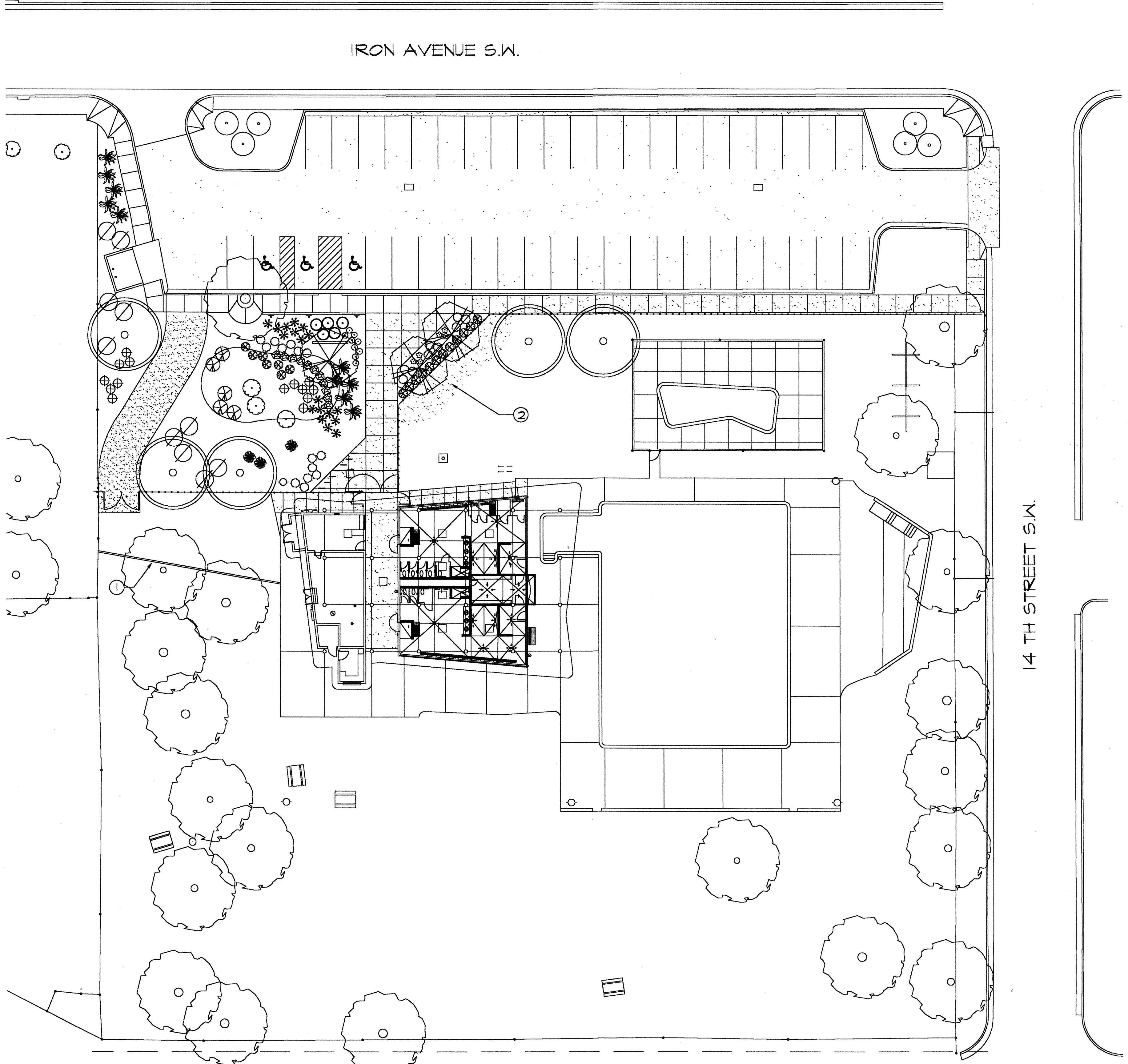
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: IRRIGATION PLAN

Design Review Committee	City Engineer Approval	NO./DAY/YR.	NO./DAY/YR.
City Project No.	Zone Map No.	Sheet	Of
4347.11	K-13-Z	L-101	

Scale 1" = 20'

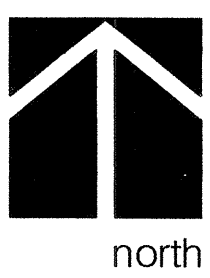




GENERAL LANDSCAPE NOTES

1. Prior to beginning work on the project, the Landscape Contractor shall review the project in the field with the Owner's Representative.
2. If discrepancies occur between the drawings and the site, the Landscape Contractor shall notify the Owner's Representative for clarification prior to proceeding on that portion of work.
3. All planting areas are to have weeds and competitive vegetation removed prior to preparation for planting.
4. All existing plant materials shall be protected during construction. Damaged materials shall be replaced in kind at the Contractor's expense.
5. Plant quantities are provided for Contractor's convenience only; plans shall take precedence.
6. The Owner's Representative shall approve all plant material prior to planting. In addition, the Owner's Representative reserves the right to refuse any plant material deemed unacceptable. The Owner's Representative is to approve any and all substitutions.
7. It is the Landscape Contractor's responsibility to locate all underground utilities prior to commencement of planting operations.
8. Planting areas shall be top dressed with 3" layer of Santa Fe Brown (3/4") over Miraflo weed control fabric, unless noted otherwise.

Scale 1" = 20'



PLANT LEGEND

Quantity	Symbol	Scientific Name Common Name	Size	Remarks	Water Use
5	○	Existing Trees			
5	○	Pyrus calleryana 'Cleveland Select' B&B Flowering Pear		16' ht. x 6' spr.	Medium +
3	○	Crataegus crus-galli 'Inermis' Thornless Hawthorn	1-1/2" B&B	4' o.c. 2' ht. x 4' spr.	Low +
16	○	Artemesia 'Powis Castle' Powis Castle Sage	1-Gal	3' o.c. 3' ht. x 3' spr.	Low +
3	○	Caesalpinia gillesii Bird of Paradise	5-Gal	6' o.c. 6' ht. x 6' spr.	Low +
4	○	Ericameria laricifolia 'Aguirre' Turpentine Bush	1-Gal	2' o.c. 2' ht. x 2' spr.	Low
5	○	Fallugia paradoxa Apache Plume	1-Gal	5' o.c. 4' ht. x 4' spr.	Low
10	○	Juniperus sabina 'Buffalo' Buffalo Juniper (female)	5-Gal	6' o.c. 2' ht. x 6' spr.	Low +
6	○	Liatris punctata Spotted Gayfeather	1-Gal	2' o.c. 3' ht. x 2' spr.	Low +
18	○	Nasella tenuissima Threadgrass	1-Gal	3' o.c. 3' ht. x 2' spr.	Low +
3	○	Nolina texana Beargrass	1-Gal	4' o.c. 4' ht. x 4' spr.	Low
5	○	Oenothera berlandieri Mexican Evening Primrose	1-Gal	4' o.c. 1' ht. x 4' spr.	Low +
10	○	Perovskia atriplicifolia Russian Sage	1-Gal	5' o.c. 4' ht. x 5' spr.	Medium
7	○	Potentilla fruticosa Shrubby Cinquefoil	1-Gal	3' o.c. 3' ht. x 3' spr.	Low +
14	○	Raphiolepis ind. 'Enchantment' Indian Hawthorn	5-Gal	3' o.c. 3' ht. x 3' spr.	Medium
14	○	Salvia greggii Cherry Sage	1-Gal	3' o.c. 3' ht. x 3' spr.	Medium
11	○	Moss Rock Boulders, 3' X 3' (min.)			

LANDSCAPE CONSTRUCTION NOTES

1. 6' x 6' concrete header per COA Standard Drawing 2726.
2. Provide turf sod per COA Specification Section 1010 (to match) to replace damaged turf areas as necessary.

 **CONSENSUS PLANNING, INC.**
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924 Park Avenue SW
Albuquerque, NM 87102
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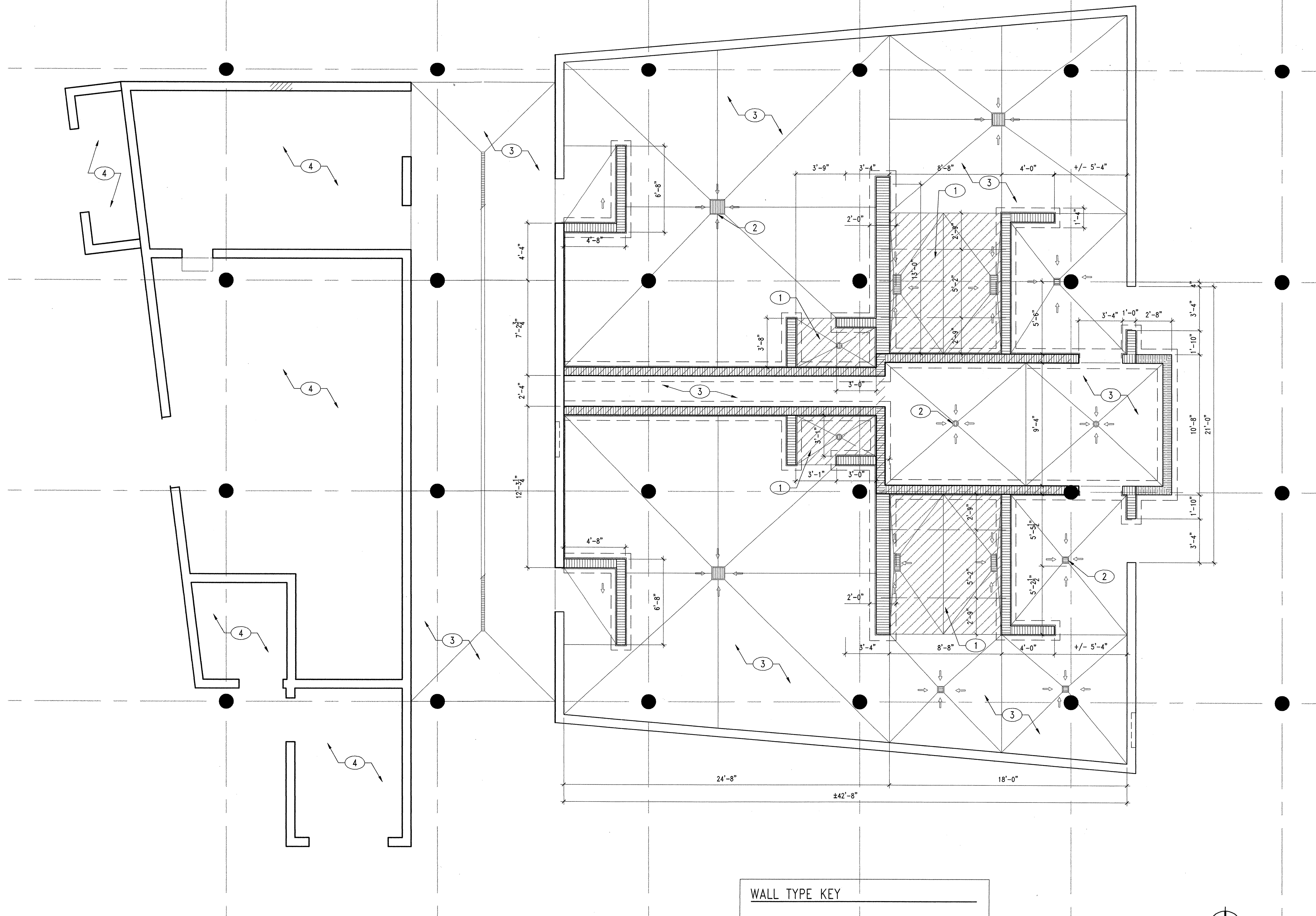
CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION	
TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION	
SHEET: PLANTING PLAN	
Design Review Committee	City Engineer Approval
City Project No. 4347.11	Zone Map No. K-13-Z
Sheet L-102	Of L-102

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		BY	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	CONTROL SURVEY MONUMENT: 7-L15	FIELD NOTES	NO.	NO.	DATE:	NO.	DATE:	NO.	DATE:
WORK STAGED BY	DATE:										
INSPECTOR'S APPROVAL	DATE:										
FIELD VERIFICATION BY	DATE:										
DRAWING CORRECTED BY	DATE:										
MICRO-FILM INFORMATION	DATE:										
RECORDED BY	NO.										

STATE OF NEW MEXICO
CHRISTOPHER J. GREEN
#234
REGISTERED
LANDSCAPE ARCHITECT
5.24.02

DESIGNED BY: CG
DRAWN BY: JP
CHECKED BY: CG

DATE: 5/23
DATE: 5/23
DATE: 5/23



1 FONDATION PLAN
1/4"=1'

WALL TYPE KEY	
EXISTING WALL TO REMAIN	=====
NEW 8" CMU WALL TO ROOF DECK	
NEW 8" CMU WALL TO 7'-0" A.F.F.	
NEW 8" CMU WALL TO 2'-8" A.F.F.	
NEW 12" CMU WALL TO 7'-0" A.F.F.	

GENERAL NOTES

- A. CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
- B. CONTRACTOR IS TO REFER TO DIMENSIONS AND IS NOT TO SCALE OFF DRAWINGS.
- C. DIMENSIONS ARE TO FACE OF STUD OR FACE OF C.M.U. UNLESS NOTED OTHERWISE.
- D. LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.
- F. ALL FOOTINGS TO BE 16" WIDE UNLESS NOTED OTHERWISE. DO NOT DISTURB EXISTING COLUMN FOOTINGS.
- G. ALL INTERIOR SLABS SHALL BE SLOPED TO FLOOR DRAINS, 1/4" PER FOOT.

KEYED NOTES

- 1. DEPRESS SLAB 1-3/4" IN THIS AREA FOR CERAMIC TILE INSTALLATION. SLOPE TO DRAIN.
- 2. FLOOR DRAIN, TYPICAL. REFER TO PLUMBING DRAWINGS.
- 3. 4" THICK CONCRETE SLAB ON GRADE WITH #4 BARS, 18" O.C. EACH WAY, TYPICAL.
- 4. EXISTING SLAB TO REMAIN.

SEE SHEET A301 FOR FOOTING DETAILS.

Kells + Craig

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Albuquerque, New Mexico 87102

Architects, Inc. AIA
(505) 243-2724

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: FOUNDATION PLAN

Design	Review	Committee	City Engineer Approval	Last Design Update	MD/YR	MD/YR

GENERAL STRUCTURAL NOTES

CODES AND MANUALS

UNIFORM BUILDING CODE, 1997 ED.
ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-95.

DESIGN CRITERIA

VERTICAL:
LIVE LOAD
ROOF (SNOW)* 20 PSF
* LOAD HAS NOT BEEN REDUCED IN ACCORDANCE WITH UBC SECTION 1607.5

HORIZONTAL:
WIND* (METHOD 2) P = CE CQ QS I
COMBINED HEIGHT, EXPOSURE & GUST FACTOR (CE FROM TABLE NO 16-G)
PRESSURE COEFFICIENTS 0-40 FT. CQ = 1.3
WIND STAGNATION PRESSURE
(BASIC WIND SPEED = 75 MPH) QS = 15.0 PSF
IMPORTANCE FACTOR I = 1.0
EXPOSURE "C"

WIND PRESSURE 0-15 FT. = 20.7 PSF

SEISMIC*
ZONE 2B Z = 0.20
SOIL PROFILE TYPE SD
IMPORTANCE FACTOR (TABLE 16-K) I = 1.0
SEISMIC COEFFICIENT (TABLE 16-R) CV = 0.40
STRUCTURAL SYSTEM COEFFICIENT R = 5.5
BUILDING PERIOD T = 0.104
SEISMIC COEFFICIENT (TABLE 16-Q) CA = 0.28
SEISMIC FORCE EQUATION V = (CV I /R T) W (30-4)
SEISMIC FORCE V = 0.073 W
[* ALLOWABLE 1/3 STRESS INCREASE FOR WIND OR SEISMIC LOADING.]

ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF.

GENERAL

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY FABRICATION OR ERECTION IS STARTED. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT FOR REVIEW. POORLY EXECUTED SHOP DRAWINGS WILL BE REJECTED AND SHALL BE RESUBMITTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.

TEMPORARY PROVISIONS SHALL BE MADE FOR STRUCTURAL STABILITY DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION.

THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL OPENINGS IN FLOORS, ROOF, WALLS AND BEAMS WITH THE INDIVIDUAL TRADES.

NOTCHING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED.

THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF FOUNDATIONS UNDER MECHANICAL AND ELECTRICAL EQUIPMENT AS REQUIRED. NO CONCRETE PADS SHALL BE LOCATED ON ROOF UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

CAST-IN-PLACE CONCRETE

ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-96.

NORMAL WEIGHT CONCRETE:
F'C = 4000 PSI @ 28 DAYS (AIR ENTRAINED) - ALL CONCRETE. (I.E., SLABS, EQUIPMENT PADS, FOUNDATIONS, ETC.).

ALL CONCRETE EXPOSED TO GROUND SHALL BE MANUFACTURED WITH PORTLAND CEMENT TYPE II.

CONTROL JOINTS SHALL BE INSTALLED IN THE SLAB-ON-GRADE AT 15'-0" O.C. EACH WAY MAXIMUM SPACING. ALL JOINTS SHALL BE SAWCUT AND SEALED WITH AN EXTERIOR GRADE SEALANT APPROVED BY THE ARCHITECT.

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-95), DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-92).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; EXCEPT STIRRUPS, TIES AND INDICATED FIELD-BENT BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40.

TENSION AND COMPRESSION LAPS IN REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318 CHAPTER 12. THE MINIMUM LAP SHALL BE MADE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

SLAB-ON-GRADE AND FOOTINGS
ALL BARS 30 BAR DIAMETERS OR 18" MINIMUM

CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"

B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER:
BARS LARGER THAN NO. 5: 2"
BARS NO. 5 OR SMALLER: 1½"

C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:

SLAB ON GRADE: 1" FROM TOP OF SLAB

REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315-92. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS. CHAIRS WITH 22 GAGE SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE.

MASONRY

ALL MASONRY UNITS SHALL BE TYPE I WITH A COMPRESSIVE STRENGTH OF 1900 PSI (NET AREA).

F'M = 1500 PSI

MORTAR SHALL BE TYPE S.

GROUT - F'C = 2000 PSI, MINIMUM.

CELLS CONTAINING REBAR SHALL BE GROUTED SOLID FROM THE BOTTOM TO THE TOP OF THE WALL IN ACCORDANCE WITH THE UNIFORM BUILDING CODE.

ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID UP TO GRADE.

CELLS CONTAINING EXPANSION ANCHORS SHALL BE GROUTED SOLID.

ALL VERTICAL REBAR SHALL BE IN PLACE AND SECURED WITH REBAR POSITIONERS PRIOR TO GROUTING.

UNLESS OTHERWISE NOTED, MASONRY CELLS SHALL BE GROUTED IN ACCORDANCE WITH THE LOW-LIFT METHOD AS DESCRIBED IN THE UNIFORM BUILDING CODE (MAX. 4 FT. LIFTS).

LAP ALL REBAR 48 BAR DIAMETERS OR 24" MINIMUM UNLESS NOTED OTHERWISE.

ALL HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND A LAP OF 48 BAR DIAMETERS OR 24 INCHES MINIMUM. VERTICAL STEEL SHALL CONTINUE THROUGH BOND BEAMS.

PROVIDE STANDARD TRUSS TYPE JOINT REINFORCING AT 16" ON CENTER (ALTERNATE COURSES). USE PREFABRICATED CORNERS AND TEES AT ALL WALL CORNERS AND INTERSECTIONS RESPECTIVELY.

GENERAL FOUNDATION NOTES

FIELD OBSERVATION AND TESTS

THE OWNER SHALL EMPLOY THE SERVICES OF A REGISTERED, LICENSED GEOTECHNICAL ENGINEER TO OBSERVE ALL CONTROLLED EARTHWORK. THE GEOTECHNICAL ENGINEER SHALL PROVIDE CONTINUOUS ON-SITE OBSERVATION BY EXPERIENCED PERSONNEL DURING CONSTRUCTION OF CONTROLLED EARTHWORK. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY FIELD OPERATIONS OF THE CONTROLLED EARTHWORK.

TESTS OF MATERIALS SHALL BE MADE AT THE FOLLOWING RATES:

ONE FIELD DENSITY TEST PER EACH 500 SQUARE YARDS OF COMPACTED SUBGRADE PRIOR TO PLACING STRUCTURAL FILL OR FLOOR SLAB CONSTRUCTION WITH A MINIMUM OF 3 TESTS.

ONE FIELD DENSITY TEST PER EACH 300 CUBIC YARDS OF STRUCTURAL FILL PLACED OR EACH HORIZONTAL LAYER OF STRUCTURAL FILL, WHICHEVER IS GREATER.

ONE MOISTURE-DENSITY CURVE FOR EACH TYPE OF MATERIAL USED, AS INDICATED BY SIEVE ANALYSIS AND PLASTICITY INDEX.

THE GEOTECHNICAL ENGINEER SHALL SUBMIT THE RESULTS OF ALL REQUIRED TESTS.

SITE, SUBFLOOR AND BEARING SURFACE PREPARATION

A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT TO CONFIRM COMPLETE EXCAVATION OF ANY UNCONTROLLED FILL.

OVEREXCAVATE ALL SOILS UNDERLYING FOOTINGS AND FLOOR SLAB AND ALL UNCONTROLLED FILL TO A MINIMUM DEPTH OF 2 FEET.

SCARIFY ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF 12 INCHES, MOISTEN TO OPTIMUM MOISTURE CONTENT (+/- 2%) AND COMPACT TO THE DENSITY SPECIFIED HEREINAFTER.

PLACE ALL STRUCTURAL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN 8 INCHES IN THICKNESS, MOISTEN TO OPTIMUM MOISTURE CONTENT (+/- 2%) AND COMPACT TO DENSITY SPECIFIED HEREINAFTER.

STRUCTURAL FILL REQUIREMENTS

GRADATION (ASTM D422):

SIEVE SIZE	PERCENT PASSING BY WEIGHT
6"	100
3"	90-100
NO. 4	50-100
NO. 200	10-50

PLASTICITY INDEX (ASTM D4318) 10 MAX.

MATERIAL LARGER THAN 6 INCHES SHALL NOT BE PLACED IN THE STRUCTURAL FILL, AND MATERIAL LARGER THAN 4 INCHES SHALL NOT BE PLACED WITHIN TWELVE INCHES OF THE BEARING SURFACES OF SLABS OR FOUNDATIONS.

MATERIAL LARGER THAN 4 INCHES SHALL NOT BE PLACED WITHIN TWELVE INCHES OF THE BEARING SURFACES OF SLABS OR FOUNDATIONS.

NO BRUSH, SOD, FROZEN MATERIAL OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN A UNIFORMLY COMPACTED FILL.

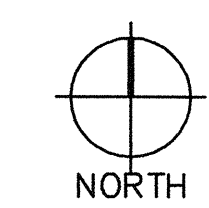
IMPORTED FILL OR EXISTING SOILS MAY BE USED FOR THE STRUCTURAL FILL. HOWEVER, IN ORDER TO MEET THE ABOVE CRITERIA, THE ON SITE SOILS MIGHT NEED TO BE MIXED WITH IMPORTED FILL. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE MOST APPROPRIATE METHOD TO PROVIDE THE REQUIRED STRUCTURAL FILL.

COMPACTION REQUIREMENTS

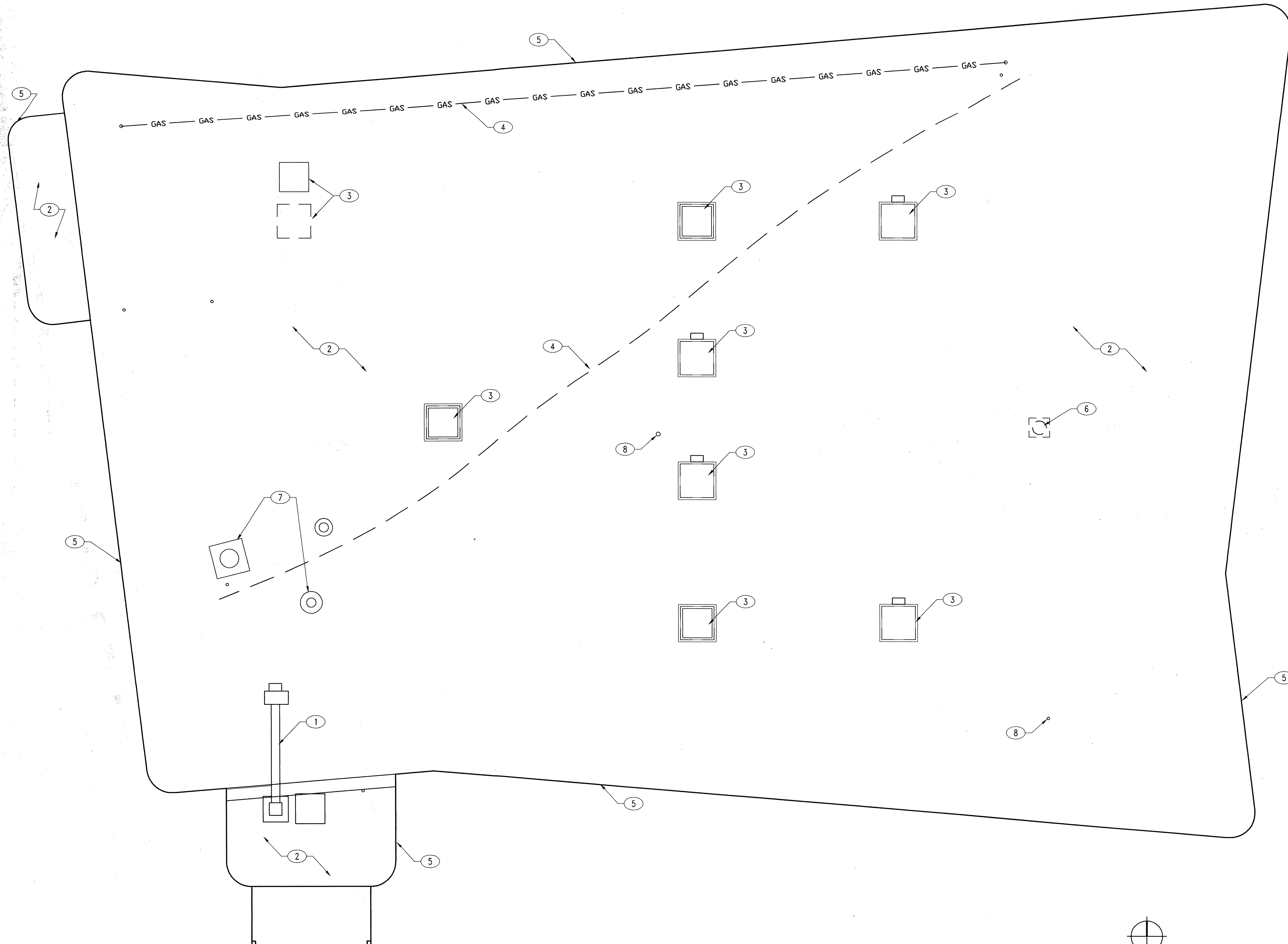
SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE ASTM D1557 MAXIMUM DRY DENSITY AT +/- 2% OPTIMUM MOISTURE CONTENT.

MATERIAL	MINIMUM PERCENT COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUBBASE FOR SLAB SUPPORT	95
SUBGRADE BELOW STRUCTURAL FILL	95
MISCELLANEOUS BACKFILL	90

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		NO.		DATE		DESIGNED BY: SK		DATE: 6/12/02		DRAWN BY: JCS		DATE: 6/12/02		CHECKED BY: PKH		DATE: 6/12/02	
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CONTRACTOR																									



Why
DID men &
women's room charge?



GENERAL NOTES

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- C. DIMENSIONS ARE TO FACE OF STUD OR FACE OF C.M.U. UNLESS NOTED OTHERWISE.
- D. LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

KEYED NOTES

- 1. REMOVE AND REINSTALL EXISTING EXHAUST DUCT AND FAN. SEE MECHANICAL PLANS.
- 2. REMOVE EXISTING ROOFING AND BASE SHEETS, TYPICAL. TO EXPOSE ROOF DECK.
- 3. REMOVE SKYLIGHTS, COOLERS, EXHAUST FANS, AND CURBS FROM ROOF.
- 4. REMOVE ALL PIPING AND CONDUIT FROM ROOF, TYPICAL. SEE PLUMBING AND ELECTRICAL PLANS FOR RELOCATION.
- 5. REMOVE ALL ROOF EDGE FLASHING, TYPICAL.
- 6. REMOVE EXISTING GAS VENT. PATCH ROOF DECK.
- 7. EXISTING GAS VENTS TO REMAIN.
- 8. REMOVE EXISTING PLUMBING VENT. SEE PLUMBING DRAWINGS.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECTS STAMP		REVISIONS/REMARKS		DESIGNED BY: SK		DATE: 6/12/02	
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	DATE	NO.	BY	NO.	DATE	DESIGNED BY: JCS	DATE: 6/12/02	DRAWN BY: PKH	DATE: 6/12/02
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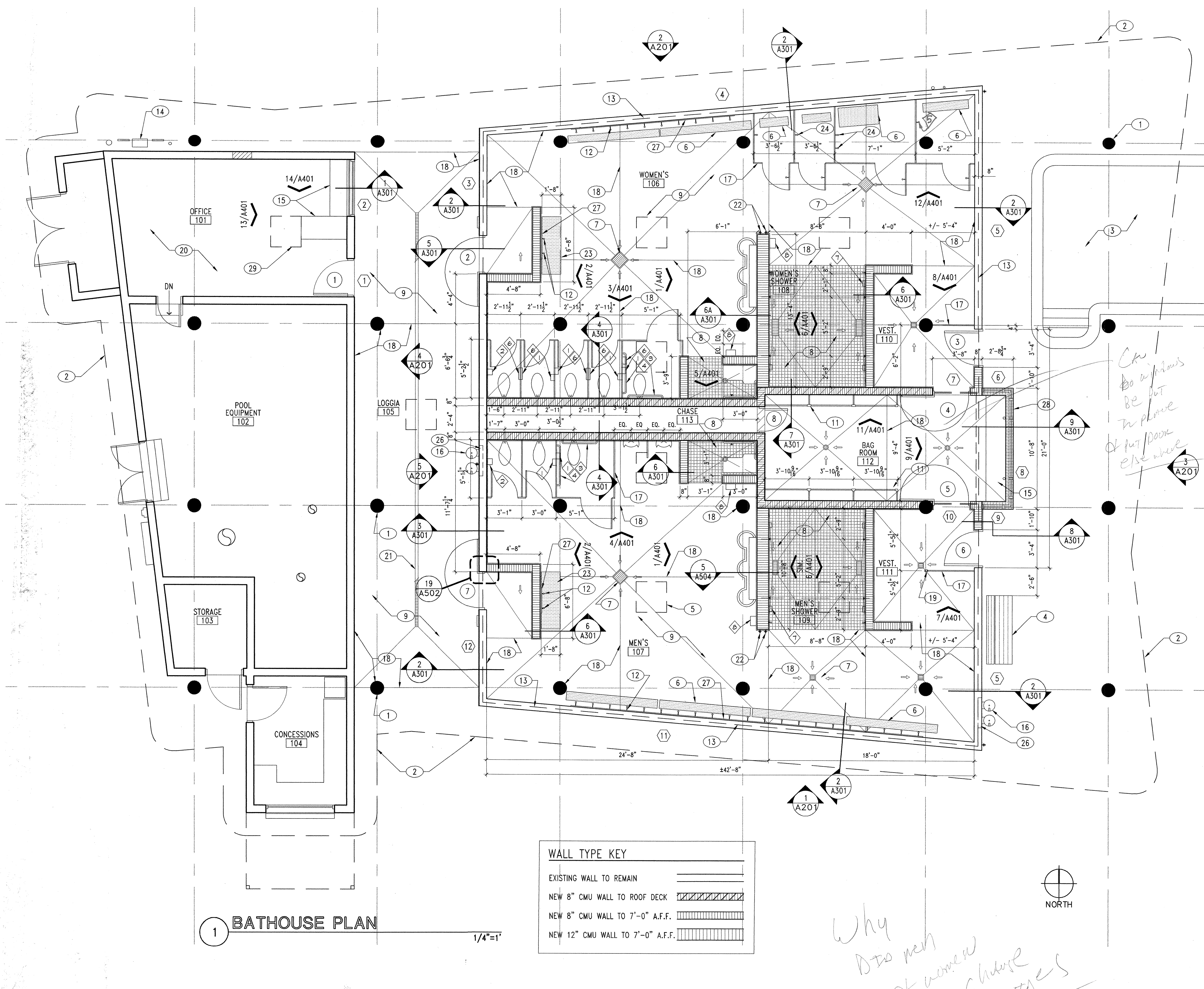
400 Gold SW
Suite 880
Albuquerque, New Mexico 87102

Architects, Inc. AIA
(505) 243-2724

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: ROOF DEMOLITON PLAN

Design Review Committee	City Engineer Approval	Last Design Update	NO./DAY/YR.	NO./DAY/YR.



GENERAL NOTES

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KEYED NOTES

- EXISTING COLUMN TO REMAIN, TYPICAL.
- LINE OF ROOF ABOVE.
- EXISTING POOL AND DECK TO REMAIN
- REINSTALL SALVAGED BENCH.
- NEW SKYLIGHT ABOVE IN EXISTING ROOF OPENING.
- BENCH, TYPICAL SEE DETAIL 6/A504.
- FLOOR DRAIN, TYP. SEE DETAIL 13/A503. SEE PLUMBING SHEETS.
- CERAMIC TILE ON SLOPED MORTAR BED AND RECESSED SLAB. SEE SPEC'S.
- SEALED CONCRETE FLOOR SLAB. SLOPE AS INDICATED.
- NOT USED.
- BAG RACK, TYP. SEE DETAIL 7/A504 AND 8/A504.
- CLOTHES HOOK, TYP SEE DETAILS 6/A504 AND 12/A504.
- GLAZING ABOVE.
- GAS METER AND SERVICE.
- CASEWORK, SEE 1/A504 THROUGH 4/A504
- DRINKING FOUNTAIN. REFER TO PLUMBING.
- PARTITIONS TYPICAL. SEE INTERIOR ELEVATIONS.
- EXPANSION JOINT AND SEALANT, TYPICAL. SEE DETAIL 11/A503.
- 2" X 3" ALUMINUM REMOVABLE MULLION. SEE DETAIL 7/A502
- EXISTING FLOOR SLAB TO REMAIN. PAINT.
- TRENCH DRAIN. SEE PLUMBING.
- NEW HOSE BIBS. SEE PLUMBING SHEETS.
- BENCH, 20" x 60" - 16" A.F.F.
- HOOKS AT 46" A.F.F. AT THESE LOCATIONS.
- BENCH, 20" x 42" - 18" A.F.F.
- REMOVE AND REPLACE EXISTING BRICK AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAIN.
- PHENOLIC PLASTIC HOOK RAIL, TYPICAL. REFER TO DETAIL 20/A504.
- CMU WALL TO 2'-8" A.F.F.
- EVAP COOLER ABOVE. REFER TO MECHANICAL.

Can be put in place of put door else where

WALL TYPE KEY	
EXISTING WALL TO REMAIN	
NEW 8" CMU WALL TO ROOF DECK	
NEW 8" CMU WALL TO 7'-0" A.F.F.	
NEW 12" CMU WALL TO 7'-0" A.F.F.	

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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: FLOOR PLAN

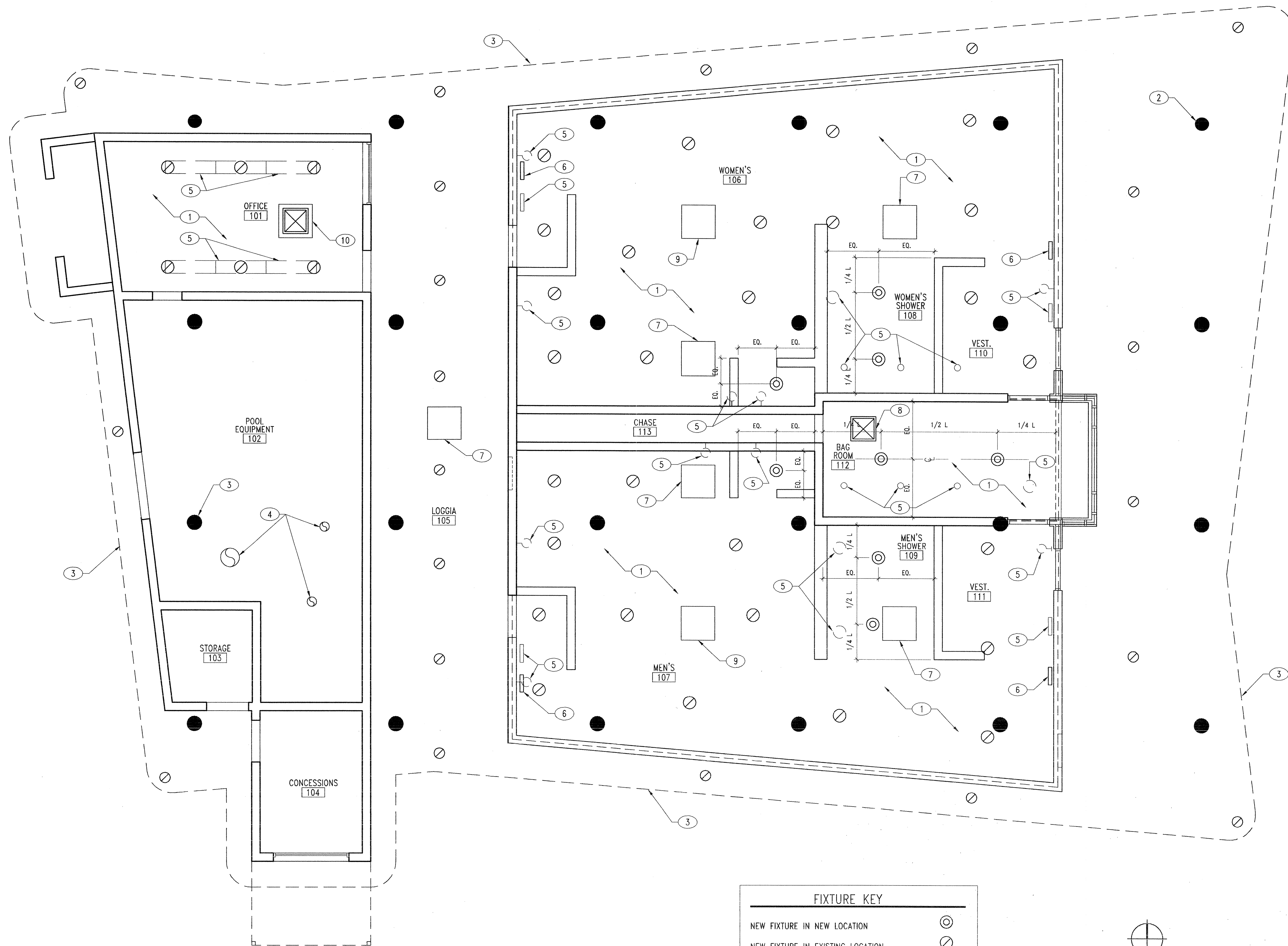
Design Review Committee	City Engineer Approval	Last Design Update	MLZ/DAY/YR.	MLZ/DAY/YR.

City Project No. 4347.11 Zone Map No. K-13-Z Sheet 14 Of 39
A101



1. NEW ROOF EDGE FLASHING, TYPICAL. SEE DETAIL 1/A501.
2. NEW SKYLIGHT AND CURB IN EXISTING ROOF OPENING, TYPICAL. SEE DETAIL 3/A501.
3. VTR, TYPICAL. SEE DETAILS 9/A501 AND 10/A501. REFER TO MECHANICAL.
4. SINGLE PLY ROOF ON TAPERED INSULATION. SEE SPEC'S
5. MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS.
6. SKYLIGHT W/ EXHAUST FAN. SEE DETAIL 2/A501.
7. ROOF EXPANSION JOINT.
8. PROVIDE NEW ROOF OPENING FOR MECHANICAL EQUIPMENT AT THIS LOCATION. REFER TO DEMO PLAN AND STRUCTURAL NOTES.
9. PATCH FORMER FLUE LOCATION. PROVIDE 12" X 12" X 24 GA COVER PLATE AT TOP AND BOTTOM OF ROOF DECK.
10. GAS VENTS TO REMAIN. SEE DETAIL 11/A501 FOR FLASHING REQUIREMENTS.
11. PROVIDE NEW DUCT PENETRATION CURB. SEE DETAIL 8/A501
12. PROVIDE EQUIPMENT CURB. SEE DETAIL 6/A501.
13. PROVIDE PATCH FOR FORMER PIPE AND CONDUIT LOCATIONS. 24 GA 6" Ø GALVANIZED STEEL PLATE.
14. EXISTING SHADE STRUCTURE.

City Project No. 4347.11	Zone Map No. K-13-Z	Sheet 15 A102	Of 39
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1 BATHOUSE REFLECTED CEILING PLAN
1/4"=1'

FIXTURE KEY	
NEW FIXTURE IN NEW LOCATION	⊙
NEW FIXTURE IN EXISTING LOCATION	⊗
EXISTING FIXTURE TO BE DEMOLISHED	○



GENERAL NOTES

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- LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

KEYED NOTES

- EXISTING CONCRETE. PREP. AND PAINT, TYPICAL.
- EXISTING COLUMN, TYPICAL.
- LINE OF ROOF ABOVE.
- EXISTING MECHANICAL PENETRATIONS. SEE MECHANICAL FOR REQUIREMENTS.
- REMOVE EXISTING LIGHT FIXTURES INDICATED. PATCH STRUCTURE WITH MATCHING MATERIAL.
- NEW EXIT LIGHT, TYPICAL.
- NEW SKYLIGHT/EXHAUST FAN IN EXISTING LOCATION SEE DETAIL 2/A501. REFER TO MECHANICAL.
- NEW EVAP COOLER LOCATION. REFER TO MECHANICAL.
- NEW SKYLIGHT IN EXISTING LOCATION. SEE DETAIL 3/A501.
- EVAP. COOLER ABOVE. REFER TO MECHANICAL.

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CONTRACTOR	DATE	INSPECTOR'S APPROVAL	DATE	DATE	BY	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.

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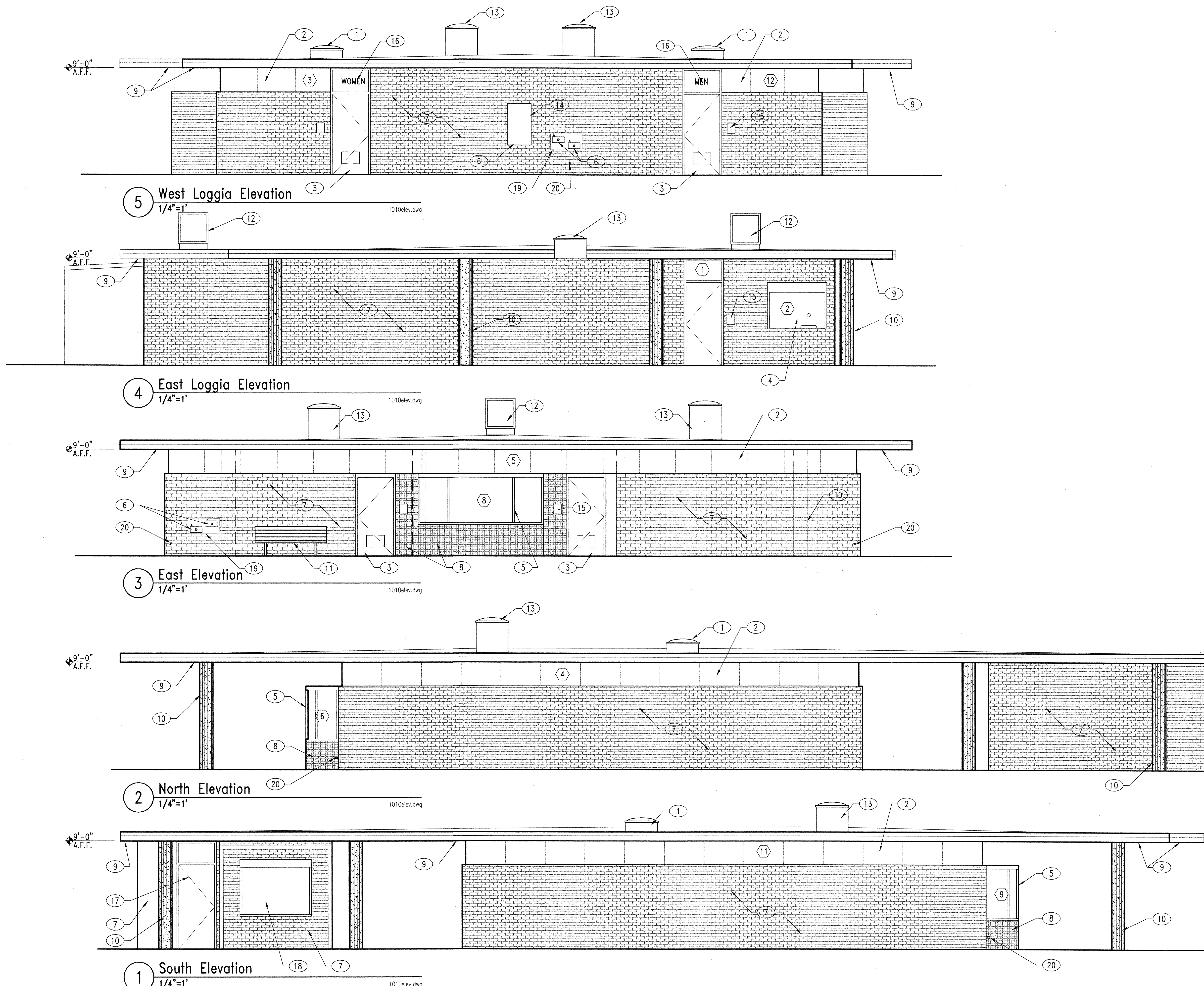
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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: REFLECTED CEILING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	ML/DAY/YR.	ML/DAY/YR.

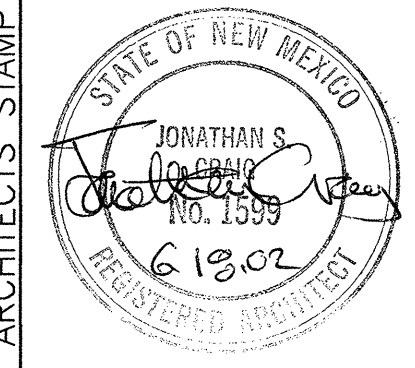
City Project No. 4347.11 Zone Map No. K-13-Z Sheet 16 Of 39
A103



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- KEYED NOTES**
- 1. NEW SKYLIGHT AND CURB. SEE DETAIL 3/A501.
 - 2. GLAZING. SEE SCHEDULE AND SPEC'S.
 - 3. NEW DOOR AND FRAME, SEE SCHEDULE.
 - 4. NEW WINDOW W/ SHUTTER. SEE DETAILS 2/A503, 8/A503, AND 9/A503.
 - 5. ALUMINUM STOREFRONT SYSTEM, TYPICAL.
 - 6. NEW DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS.
 - 7. EXISTING BRICK WALL, TYPICAL. CLEAN, REPOINT, SEAL. SEE SPEC'S.
 - 8. CERAMIC TILE, SEE SPEC'S.
 - 9. CONCRETE SOFFIT AND ROOF EDGE. PATCH. PAINT.
 - 10. EXISTING CONCRETE COLUMN. PAINT, TYPICAL.
 - 11. RESTORE SALVAGED BENCH.
 - 12. NEW EVAP. COOLER. SEE MECHANICAL.
 - 13. NEW EXHAUST FAN AND SKYLIGHT. SEE DETAIL 2/A501.
 - 14. EXISTING ACCESS PANEL TO REMAIN. PAINT.
 - 15. NEW ROOM SIGN, TYPICAL. SEE SPEC'S.
 - 16. REINSTALLSALVAGED LETTERS.
 - 17. EXISTING DOOR AND FRAME TO REMAIN.
 - 18. EXISTING WINDOW AND SHUTTER TO REMAIN.
 - 19. REMOVE AND REPLACE PORTION OF BRICK WALL FOR DRINKING FOUNTAIN INSTALLATION.
 - 20. HOSE BIB. SEE PLUMBING SHEETS.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		DESIGNED BY: SK		DATE: 6/12/02	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	NO.	FIELD NOTES	BY	NO.	DATE	NO.	DATE	DESIGNED BY: JCS	DATE: 6/12/02	CHECKED BY: PKH	DATE: 6/12/02
WORK SIGNED BY	DATE:	CONTROL SURVEY MONUMENT: 7-L15											
INSPECTOR'S APPROVAL	DATE:												
FIELD VERIFICATION BY	DATE:												
DRAWING CORRECTED BY	DATE:												
MICRO-FILM INFORMATION	DATE:												
RECORDED BY	NO.												



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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE:RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: EXTERIOR ELEVATIONS

Design Review Committee	City Engineer Approval	MO/ DAY/ YR.	MO/ DAY/ YR.

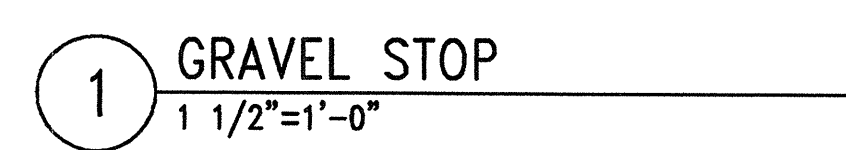
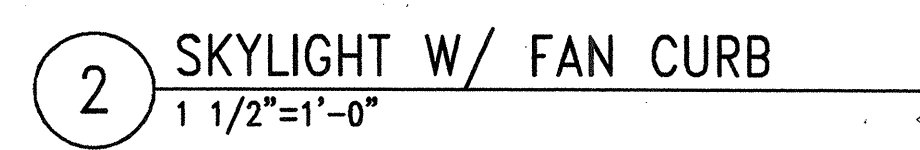
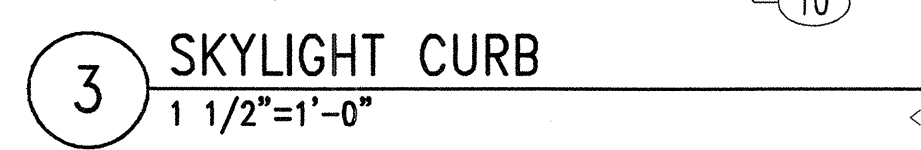
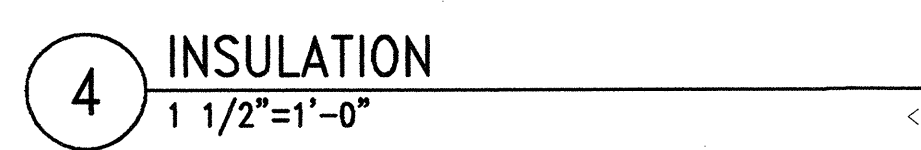
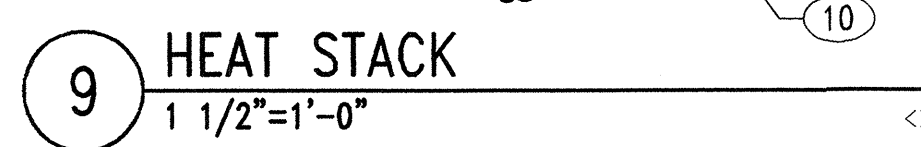
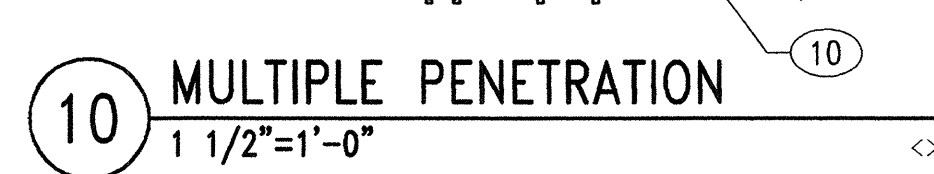
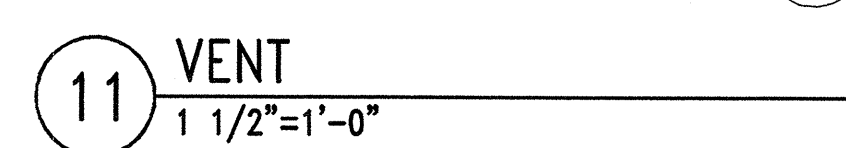
City Project No.
4347.11

Zone Map No.
K-13-Z

Sheet 17
Of 39
A201

- A. CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
- B. CONTRACTOR IS TO REFER TO DIMENSIONS AND IS NOT TO SCALE OFF DRAWINGS.
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- D. LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

1. SPONGE TUBE.
2. BONING ADHESIVE.
3. INSULATION.
4. EXISTING METAL DECKING.
5. NOT USED
6. PRESSURE TREATED 4" X 4" WOOD BLOCK.
7. CONDUIT, TYPICAL.
8. TAPERED INSULATION. ADHERE TO ROOF DECK.
SEE DETAIL 4/A501.
9. SINGLE PLY ROOFING. FULLY ADHERE.
10. EXISTING CONCRETE ROOF DECK TO REMAIN.
11. ROOF EDGE FLASHING.
12. PRESSURE TREATED NAILER.
13. 20 GA. GALVALUME STEEL LINER.
14. CONTINUOUS FORM 20 GA MIN.
15. 8" WOOD CANT, FASTEN TO BLOCKING.
16. UNIT COUNTER FLASHING.
17. CONTINUOUS BEAD OF SEALANT.
18. BASE EXTENDS 1/2" OVER AND BEYOND CURB.
19. 22 GA. METAL COUNTER FLASHING FASTEN AT 8" O.C.
20. RAIN HOOD.
21. EXISTING 5/8" GYP BOARD.
22. STAINLESS STEEL CLAMP.
23. HOT-AIR WELD
24. HEAT STACK
25. 22 GA. METAL BASE FLASHING PLY, 6" MIN. ON FIELD.
26. PRE-MANUFACTURED 18 GA GALVALUME STEEL CURB.
27. SOLID WOOD BLOCKING.
28. VENTILATION FAN. SEE MECHANICAL DRAWINGS.
29. ANGLE FRAME.
30. 22 GA CP FLASHING ON 4 SIDES, MITER CORNERS,
SOLDER SEAMS.
31. 3-2" X 10" PT WOOD EQUIPMENT SUPPORTS.
32. CUT RUBBER CAP ONLY LARGE ENOUGH TO ALLOW FOR
SNUG FIT TO EACH CONDUIT OR PIPE.
33. PIPE OR CONDUIT EXTENT.
34. FITTED RUBBER CAP BY MECH/ELEC.
SNUG FIT TO EACH CONDUIT OR PIPE.
35. PRE-MANUFACTURED ALUMINUM BASE FLASHING WITH
DOUBLE PRESSURE SEAL BY MECH/ELEC.



NO.	DATE	REVISIONS/REMARKS	BY	ARCHITECTS STAMP	SURVEY INFORMATION		BENCH MARK	AS BUILT INFORMATION
				FIELD NOTES				
				NO.	BY	DATE		
							ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	CONTRACTOR
							CONTROL SURVEY MONUMENT: 7-L15	DATE:
								WORK STAKED BY
								INSPECTOR'S APPROVAL
								DATE:
								FIELD VERIFICATION BY
								DATE:
								DRAWING CORRECTED BY
								DATE:
								MICRO-FILM INFORMATION
								RECORDED BY
								DATE:
								NO.

STATE OF NEW MEXICO
JONATHAN S. UCCRAIG
No. 1699
6-18-07
REGISTERED ARCHITECT

DESIGNED BY: SK
 DRAWN BY: JCS
 CHECKED BY: PKH

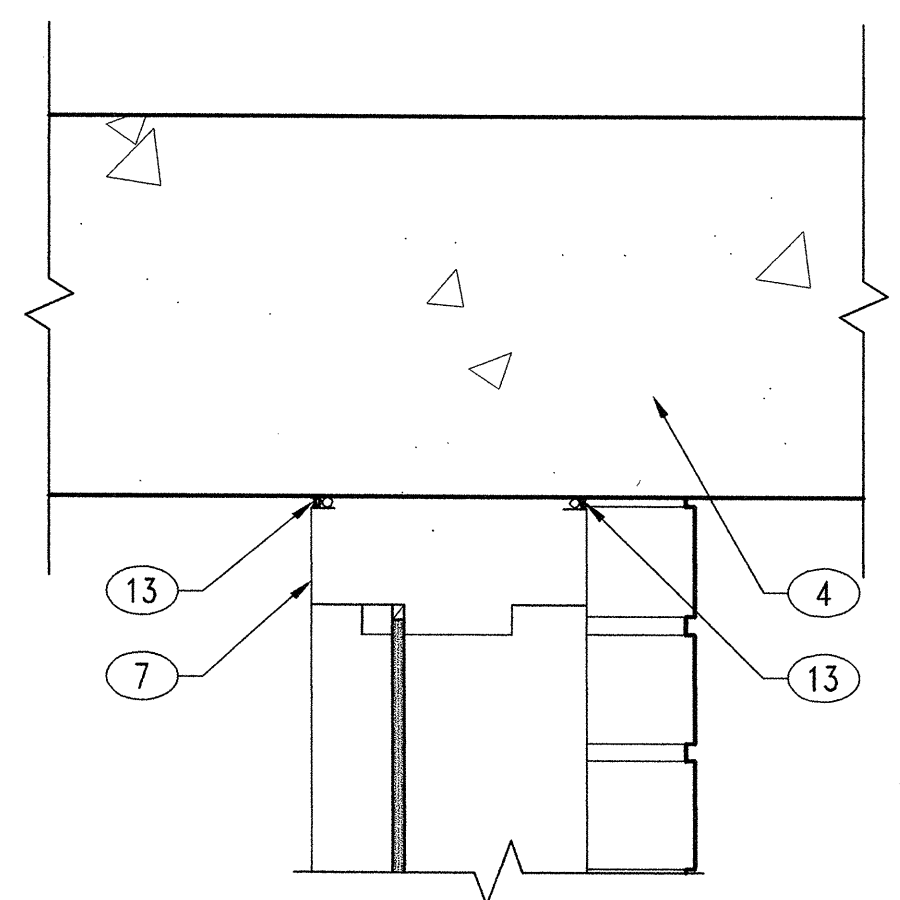
DATE: 6/12/02
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 DATE: 6/12/02

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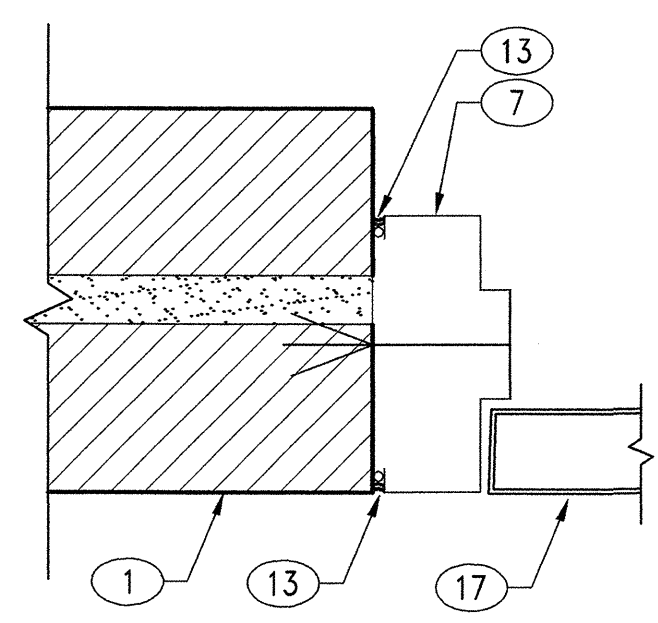
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TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: DETAILS

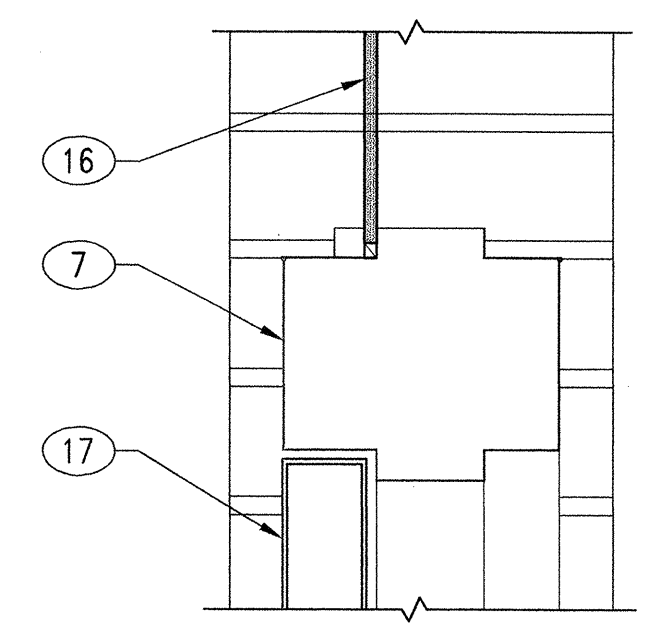
Design Review Committee	City Engineer Approval	Last Design Update	MU/DAY/YR.	MU/DAY/YR.
City Project No. 4347.11		Zone Map No. K-13-Z	Sheet 20 A501	Of 39



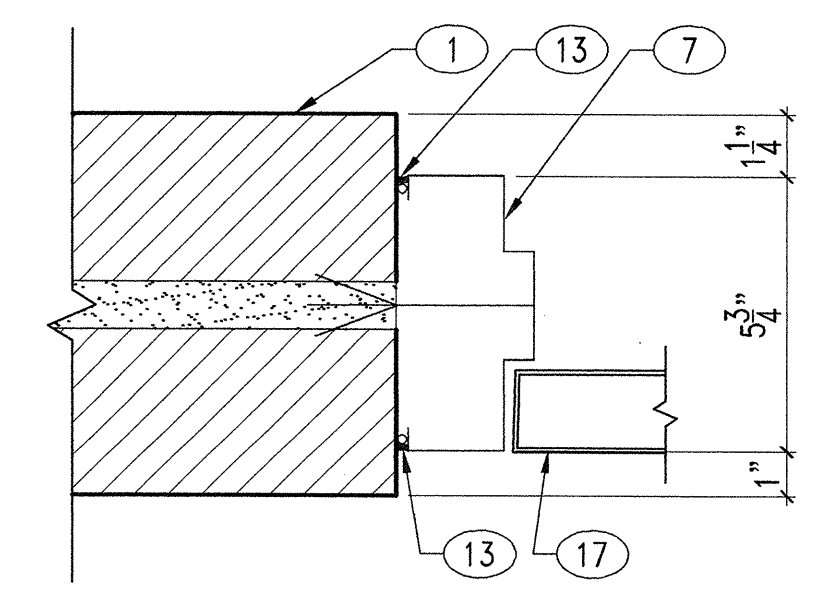
20 HEAD
3" = 1'



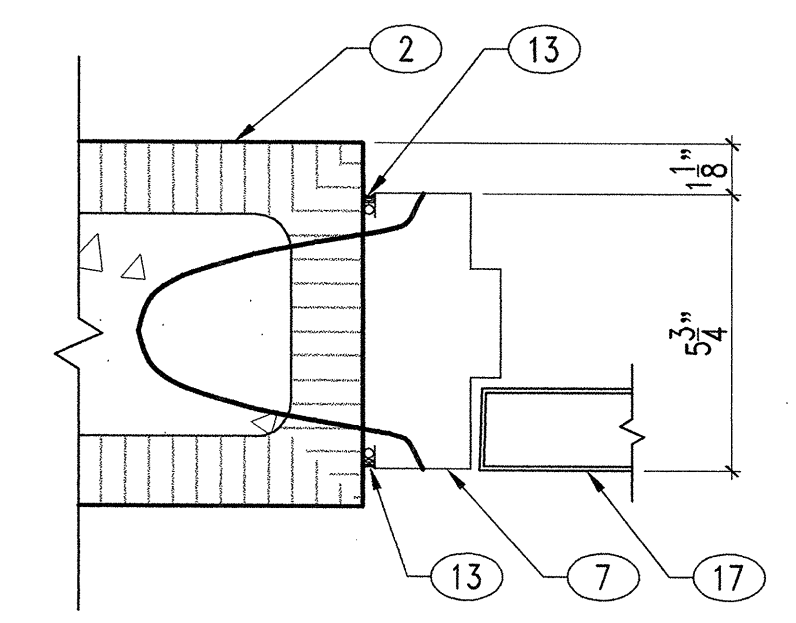
19 JAMB
3" = 1'



18 HEAD
3" = 1'



17 JAMB
3" = 1'



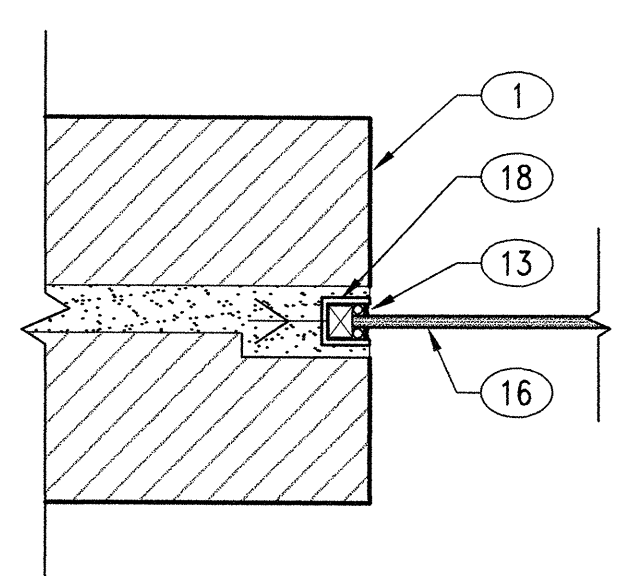
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GENERAL NOTES

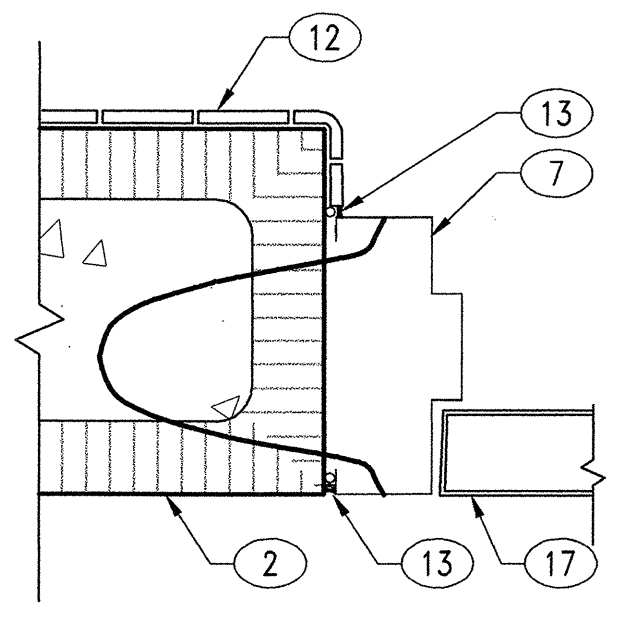
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- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

KEYED NOTES

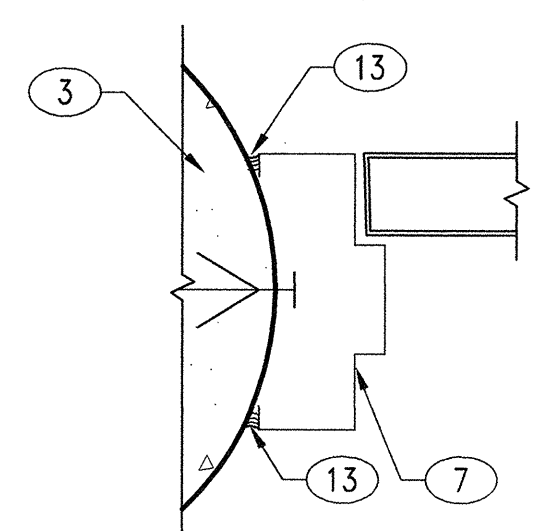
- 1. EXISTING BRICK.
- 2. CMU.
- 3. CONCRETE COLUMN.
- 4. CONCRETE ROOF DECK.
- 5. STRUCTURAL STEEL, SEE STRUCTURAL.
- 6. 3/4" PLASTIC SHEET
- 7. FIBERGLASS FRAME.
- 8. ALUMINUM STOREFRONT SYSTEM, SEE SPEC'S.
- 9. 1/2" PLYWOOD EXTERIOR GRADE.
- 10. 5/8" TYPE 'X' GYP. BOARD.
- 11. SOLID SURFACE COUNTER AND SILL.
- 12. CERAMIC TILE, SEE SPEC'S..
- 13. SEALANT, SEE SPEC'S.
- 14. ALUMINUM REGLET FASTEN W/ STAINLESS ANCHORS @ 16" O.C.
- 15. ALUMINUM THRESHOLD.
- 16. GLAZING, SEE SCHEDULE.
- 17. DOOR, SEE SCHEDULE.
- 18. EXISTING REGLET, REMOVE PANEL AND CLEAN.
- 19. 5/8" X 5/8" ALUMINUM REGLET.
- 20. ALUMINUM BREAK METAL.
- 21. 1" SOLID PHENOLIC PLASTIC PARTION.
- 22. CONCRETE SLAB.
- 23. 2" X 3" ALUMINUM REMOVABLE MULLION STOCK.
- 24. CONTINUOUS PARTITION BRACKET.



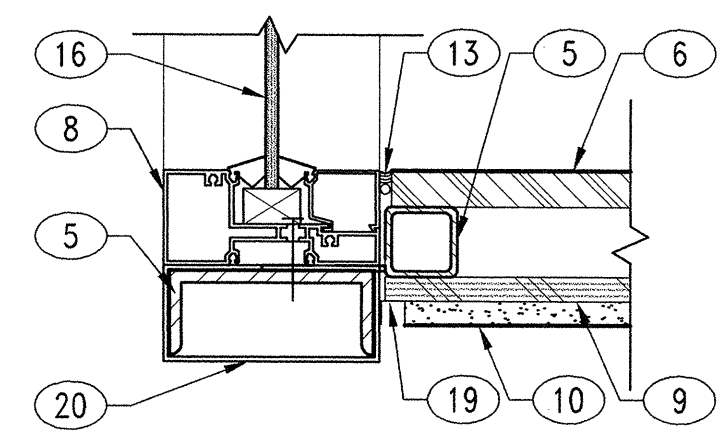
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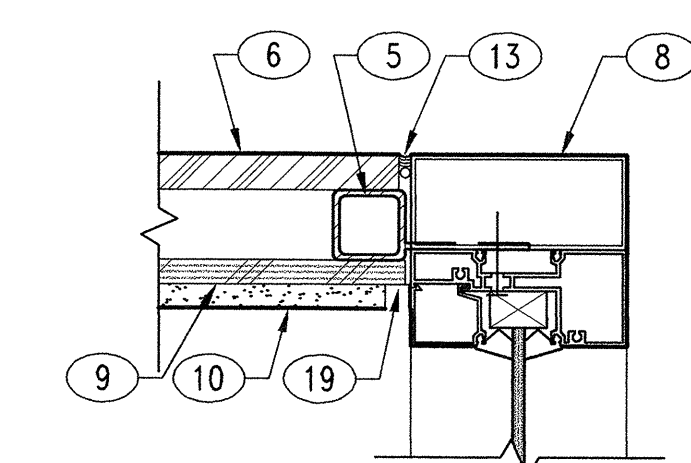
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3" = 1'



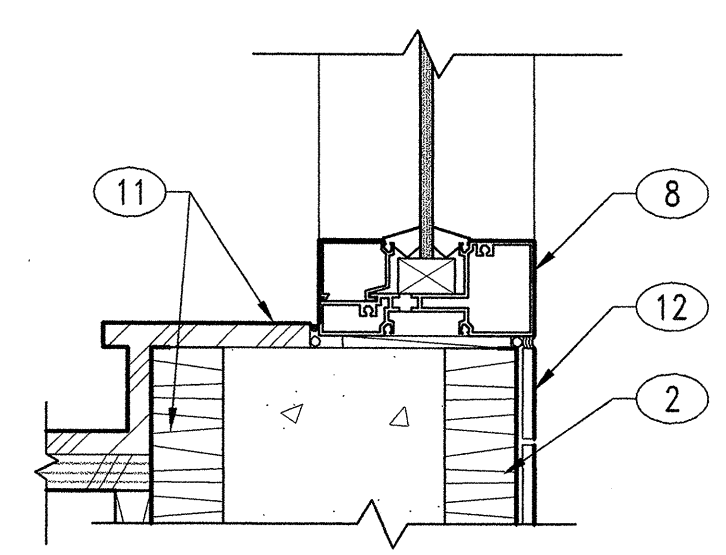
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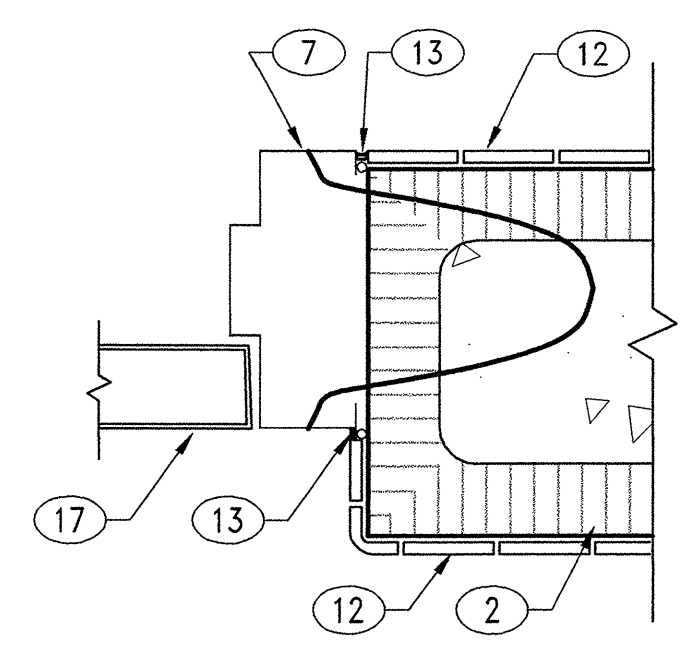
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3" = 1'



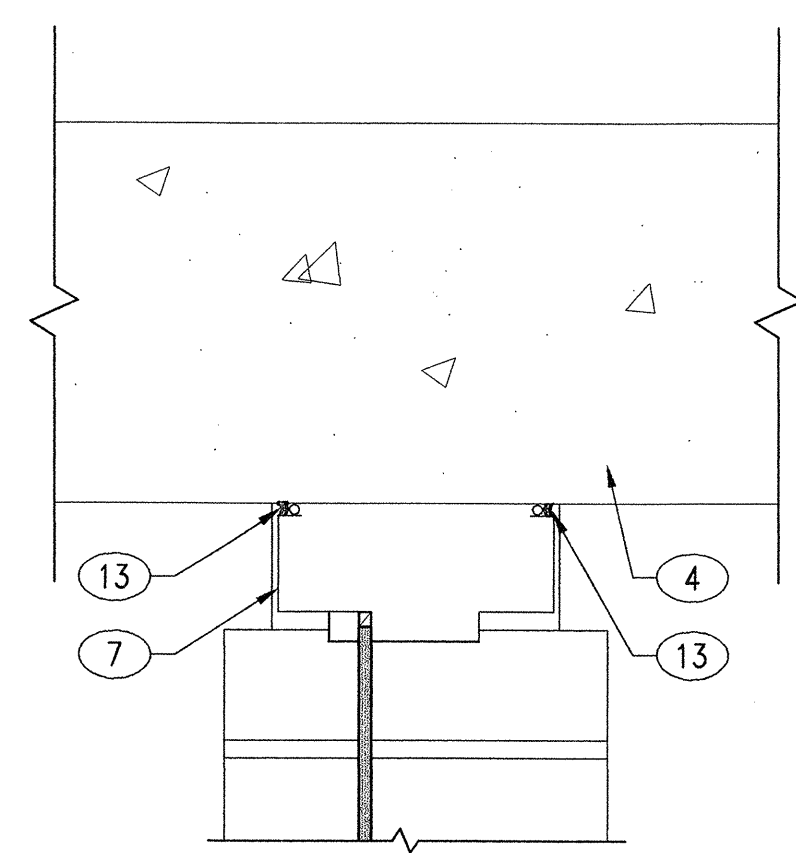
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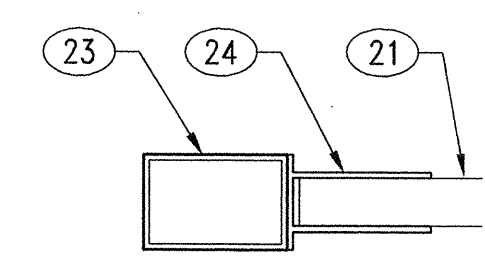
10 ALUM. SILL
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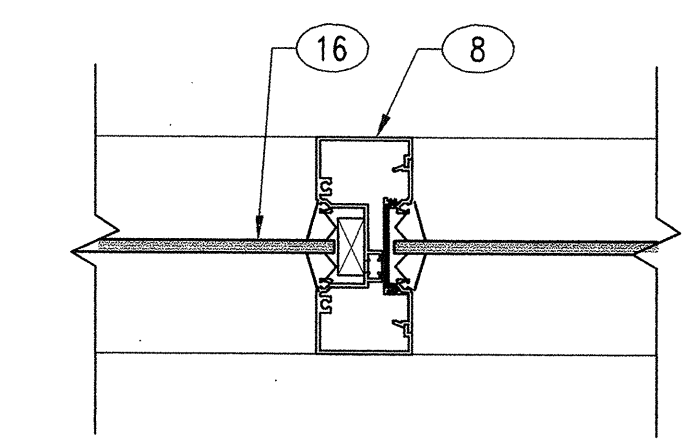
9 JAMB
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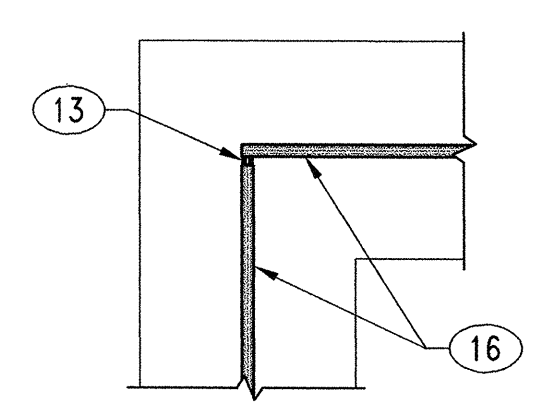
8 HEAD
3" = 1'



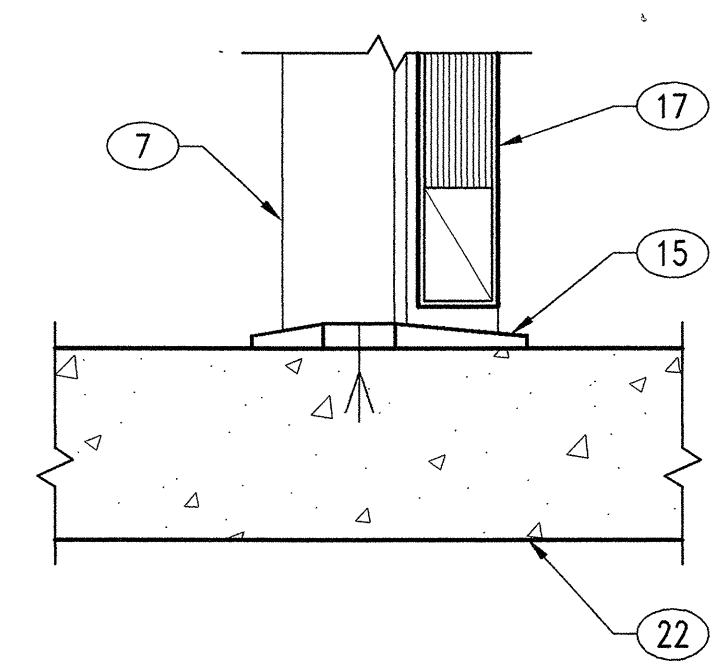
7 PARTION JOINT
3" = 1'



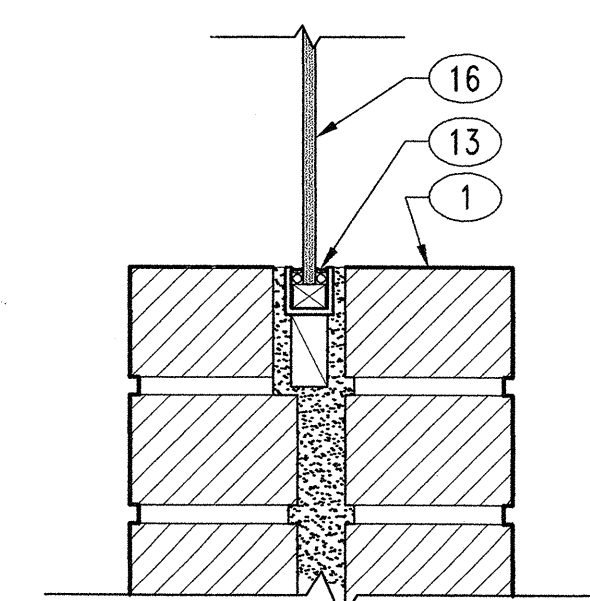
6 ALUM. MULLION
3" = 1'



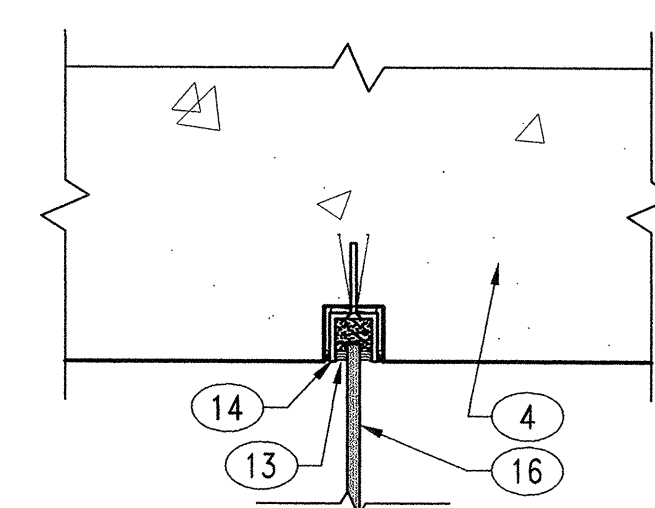
5 CORNER
3" = 1'-0"



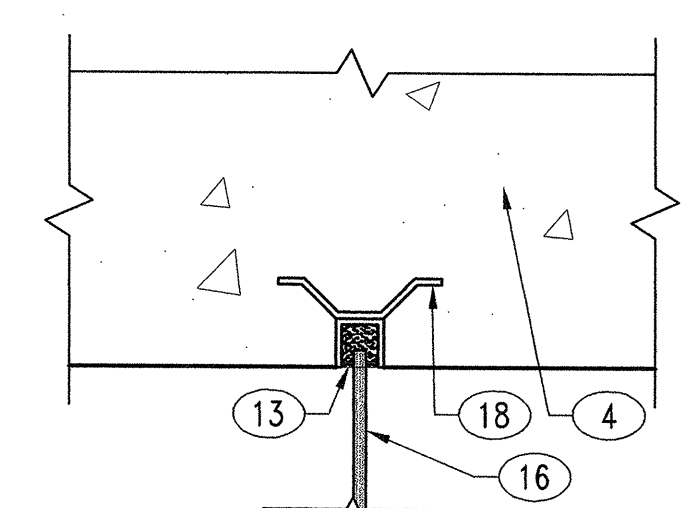
4 THRESHOLD
3" = 1'-0"



3 EXISTING SILL
3" = 1'-0"

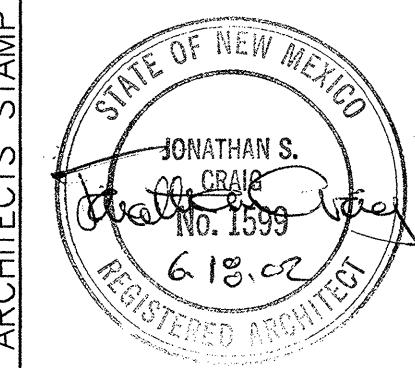


2 NEW HEAD
3" = 1'-0"



1 EXISTING HEAD
3" = 1'-0"

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECT'S STAMP		REVISIONS/REMARKS		DESIGNED BY: SK		DATE: 6/12/02	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	CONTROL SURVEY MONUMENT: 7-LT5	FIELD NOTES	BY	DATE	NO.	NO.	DATE	DESIGNED BY: JCS	DATE: 6/12/02	CHECKED BY: PKH	DATE: 6/12/02
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MICRO-FILM INFORMATION	DATE:	RECORDED BY	NO.	DATE	BY	DATE	NO.	NO.	DATE	CHECKED BY: PKH	DATE: 6/12/02	CHECKED BY: PKH	DATE: 6/12/02



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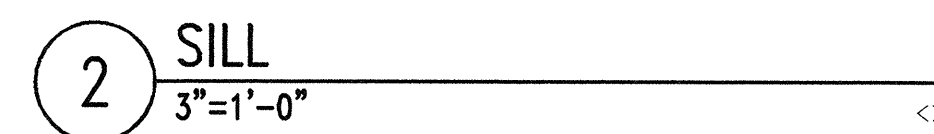
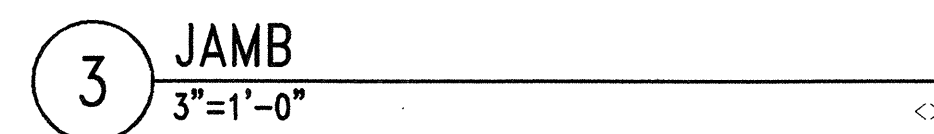
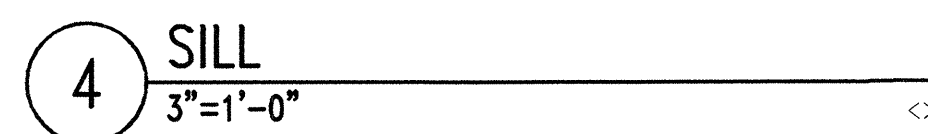
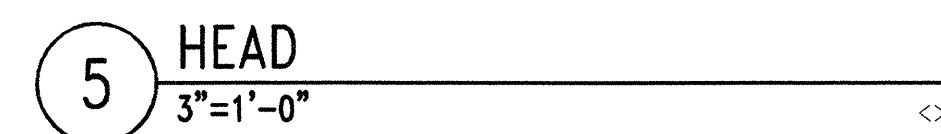
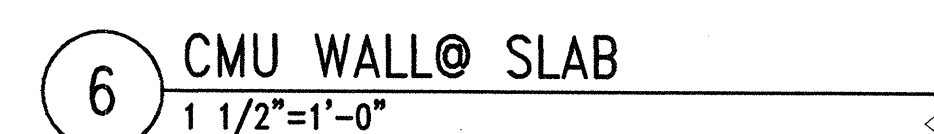
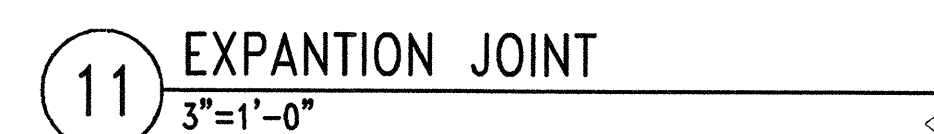
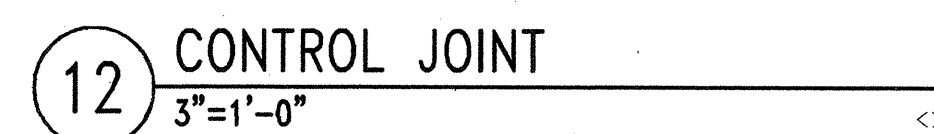
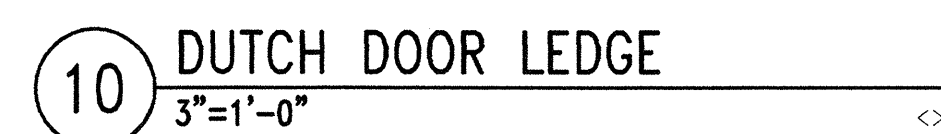
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: DETAILS

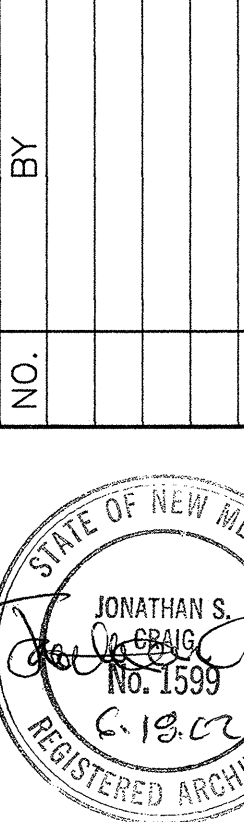
Design Review Committee	City Engineer Approval	MD/ DAY/ YR.	MD/ DAY/ YR.
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet 21 A502	Of 39

- A. CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
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- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

1. CONCRETE SLAB.
2. TOOLED JOINT.
3. 1/2" BITUMINOUS FILLER.
4. UTATHANE SEALANT.
5. EXISTING BRICK WALL.
6. 16 GA STAINLESS STEEL WRAPPED COUNTER ON 3/4" MDF.
7. CERAMIC TILE. SEE SPEC'S.
8. GLAZING, SEE SCHEDULE.
9. STAINLESS STEEL ROLL-UP DOOR JAMB.
10. ALUMINUM STOREFRONT SYSTEM, SEE SPEC'S.
11. SEALANT AND BACKER ROD, SEE SPEC'S.
12. 8" CMU.
13. FIBERGLASS FRAME.
14. ALUMINUM REGLET W/ HEAD STUD ANCHOR.
15. DOOR, SEE SCHEDULE.
16. MORTAR BED.
17. DRAIN BODY.
18. DRAIN GRATE.
19. CONCRETE SLAB.
20. DRAIN PIPE. SEE MECHANICAL.
21. #5 DOWEL.
22. #5 REBAR.
23. CERAMIC TILE BASE. SEE SCHEDULE AND SPEC'S.
24. MORTAR.
25. FIBERGLASS DOOR. SEE SCHEDULE.
26. ROLL UP WINDOW SHUTTER. SEE SPEC'S.
27. 3/4" x 3/4" ALUMINUM WINDOW STOPS.



NOT USED

NO.	DATE	REVISIONS/REMARKS	BY	ARCHITECTS STAMP	SURVEY INFORMATION		BENCH MARK	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE	AS BUILT INFORMATION			
					FIELD NOTES				CONTRACTOR	DATE:		
					NO.	BY	DATE			WORK STAKED BY	DATE:	
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											FIELD VERIFICATION BY	DATE:
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											MICRO-FILM INFORMATION	
										RECORDED BY	DATE:	
										NO.		

DESIGNED BY: SK
DRAWN BY: JCS
CHECKED BY: PKH

DATE: 6/12/02
DATE: 6/12/02
DATE: 6/12/02

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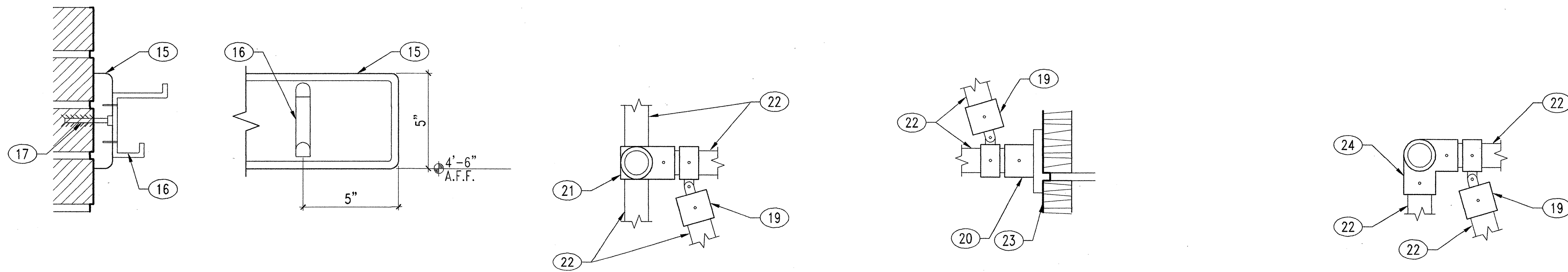
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: DETAILS

Design Review Committee	City Engineer Approval	Fast Design Update	ML/DAY/YR.	ML/DAY/YR.

City Project No.	4347.11
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Zone Map No.	Sheet 22	Of 39
K-13-Z	A503	

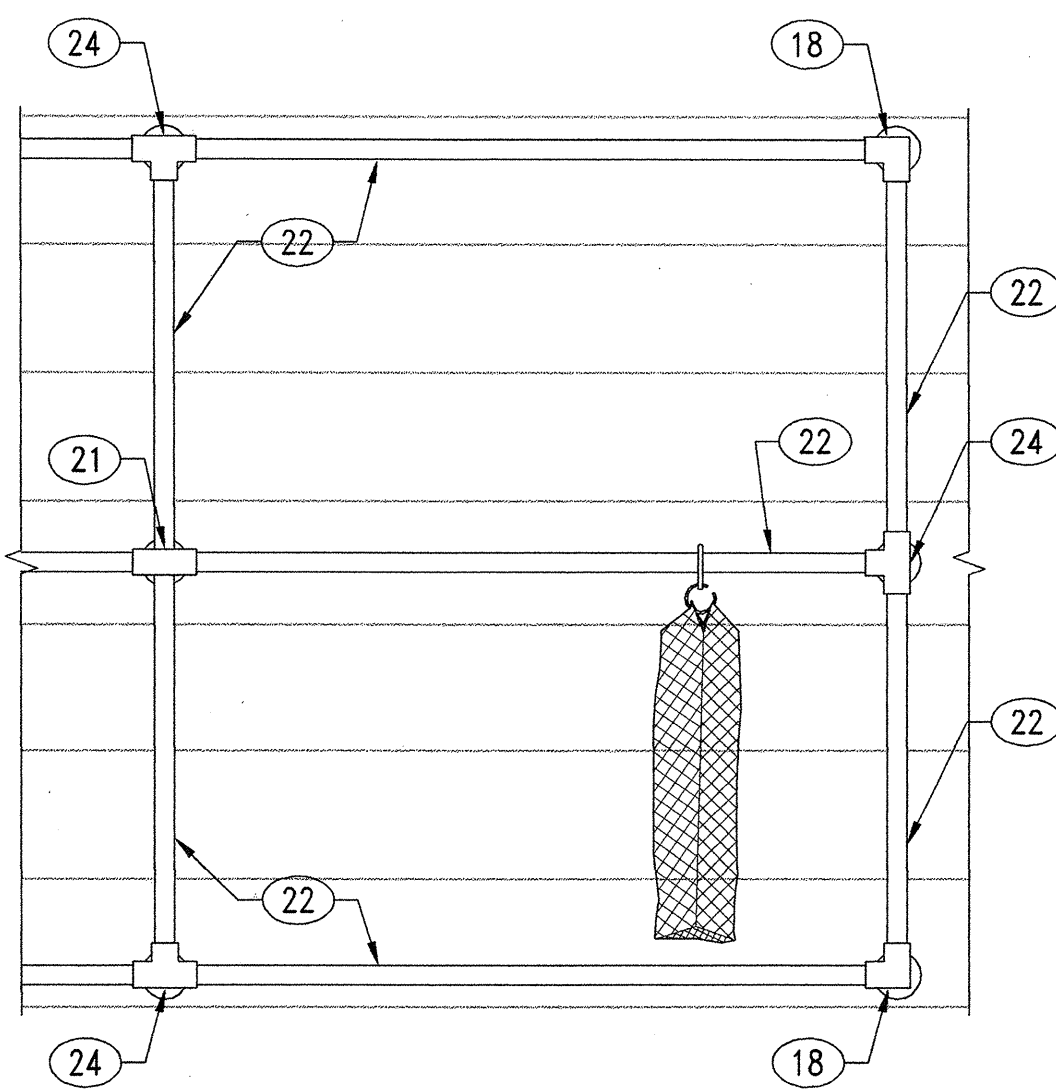


12 CLOTHES HOOK & RAIL DETAIL
3"=1'-0"

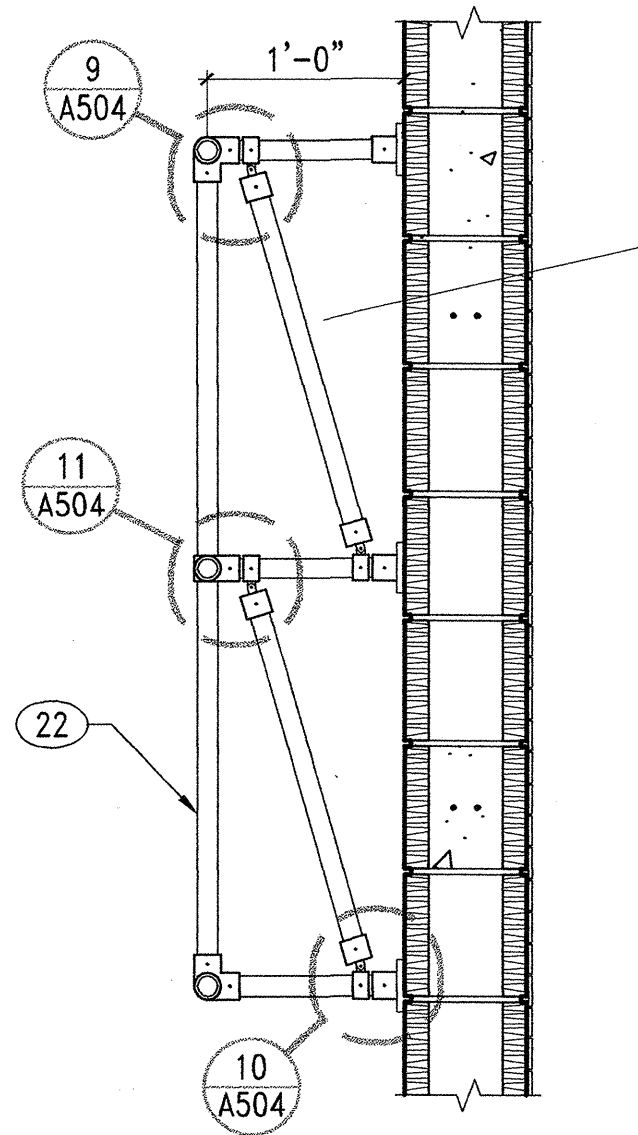
11 CONNECTION DETAIL
3"=1'-0"

10 CONNECTION DETAIL
3"=1'-0"

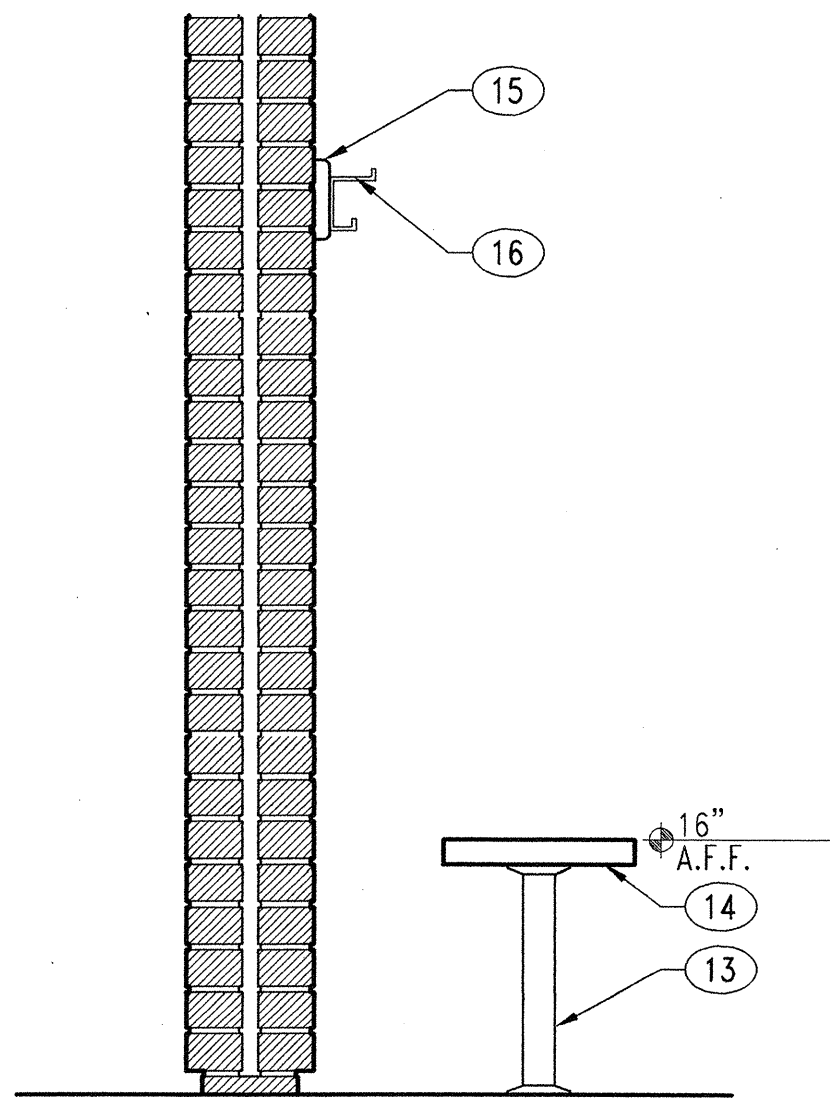
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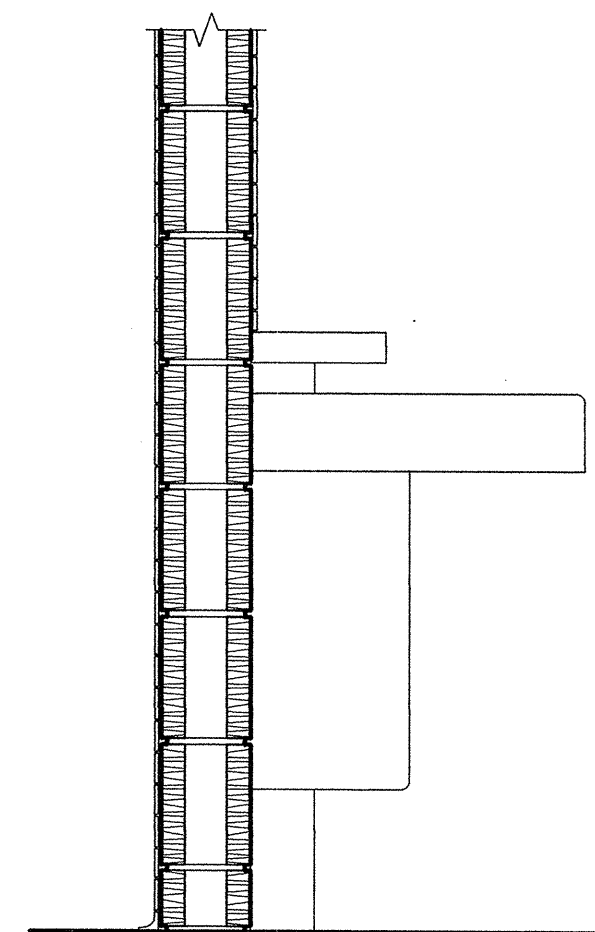
8 BAG RACK ELEVATION
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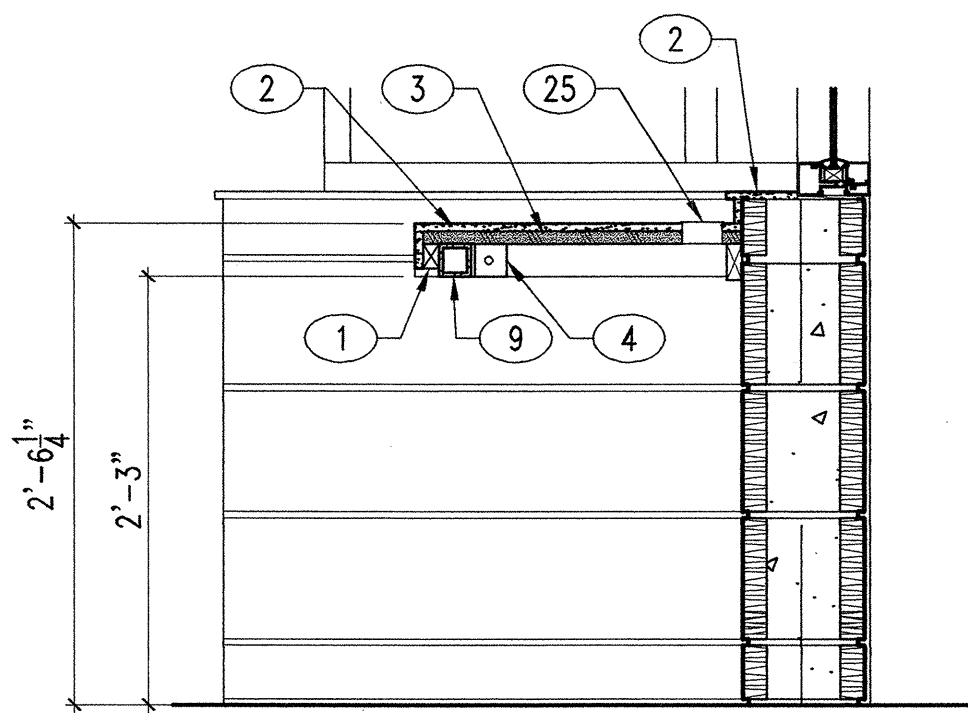
7 BAG RACK SECTION
1"=1'-0"



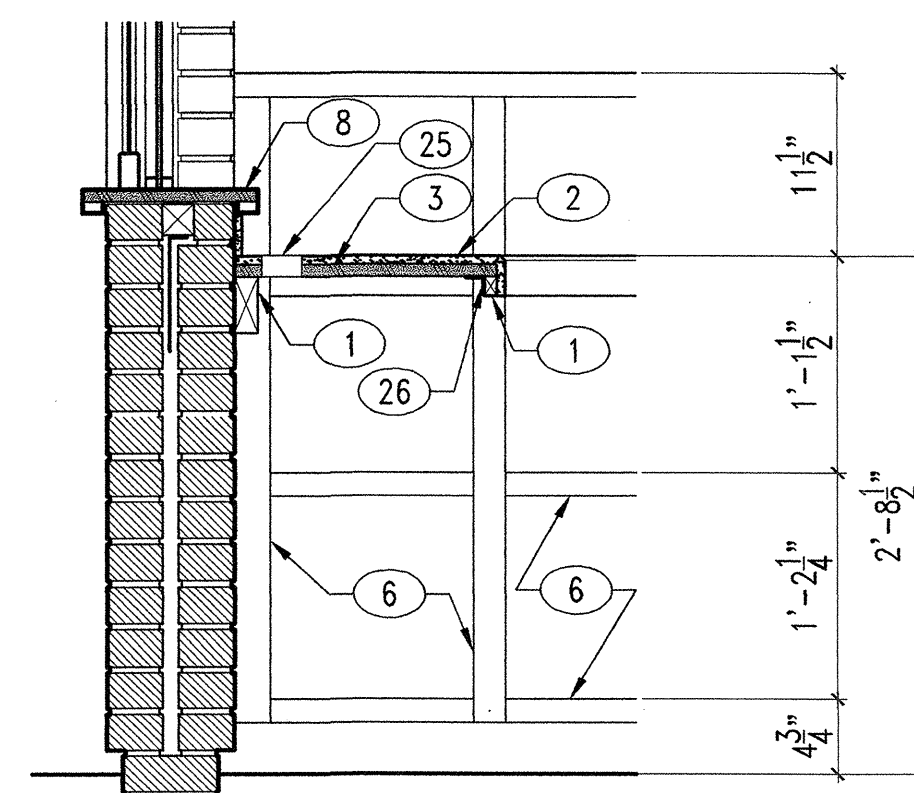
6 BENCH AND CLOTHES HOOK
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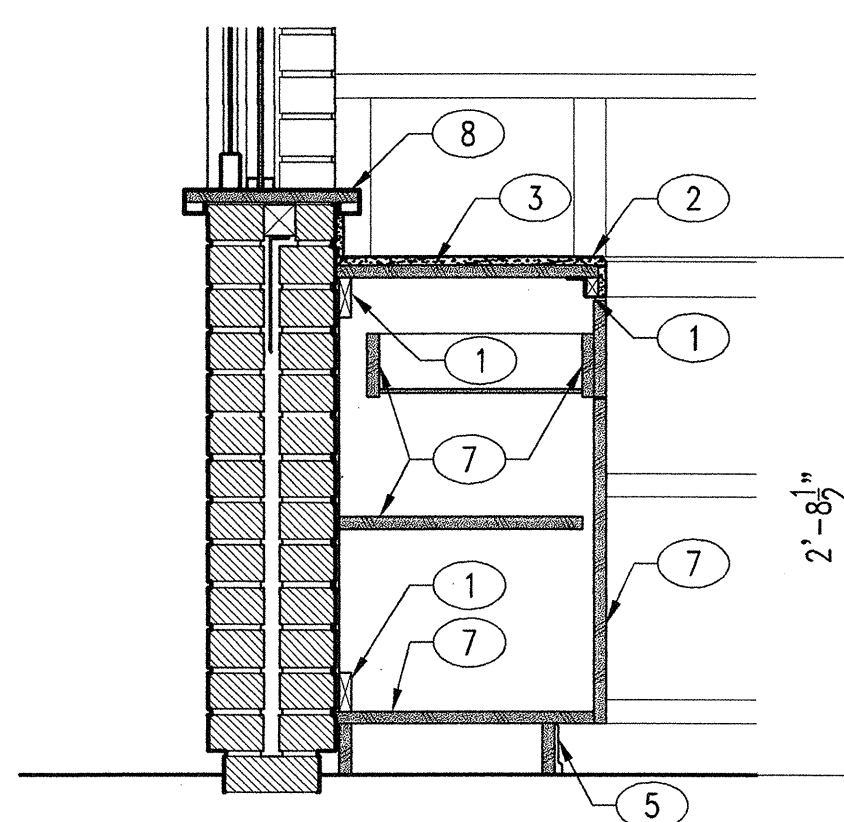
5 VANITY
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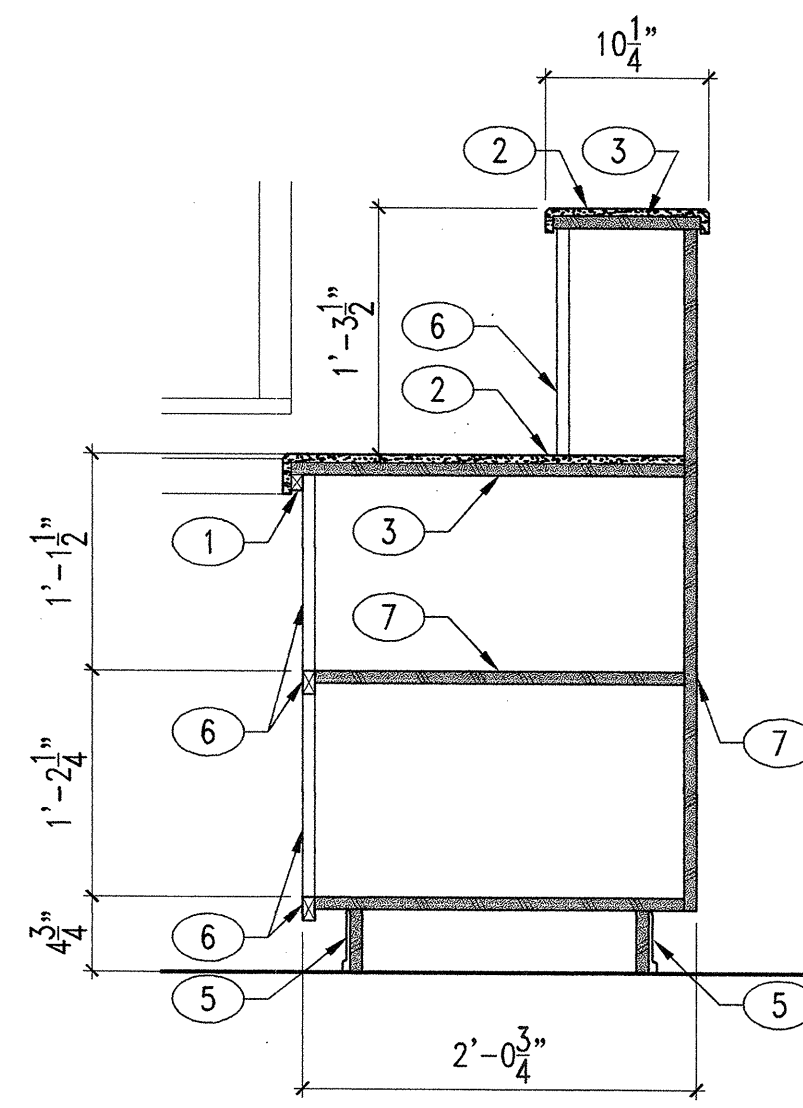
4 BAG ROOM DESK
1"=1'-0"



3 OFFICE DESK
1"=1'-0"



2 CABINETS
1"=1'-0"



1 CABINETS
1"=1'-0"

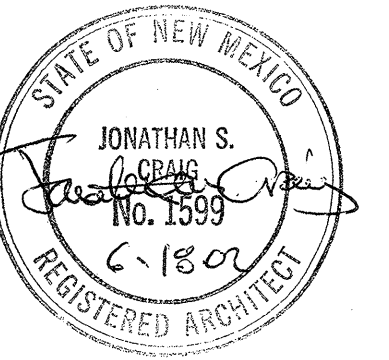
GENERAL NOTES

- CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
- CONTRACTOR IS TO REFER TO DIMENSIONS AND IS NOT TO SCALE OFF DRAWINGS.
- DIMENSIONS ARE TO FACE OF STUD OR FACE OF C.M.U. UNLESS NOTED OTHERWISE.
- LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

KEYED NOTES

- WOOD BLOCKING, TYPICAL.
- 1/2" THICK SOLID SURFACING MATERIAL.
- 3/4" MDF.
- 2" x 2" x 2" x 1/4" ANGLE CLIPS. WELD TO EACH SIDE OF STEEL TUBE. BOLT TO WALL WITH EXPANTION ANCHORS.
- VINYLE BASE, SEE ROOM FINISH SCHEDULE.
- HARDWOOD EDGE.
- PLAM. ON 3/4" MDF
- 16 GA. STAINLESS STEEL WRAPPED COUNTER ON 3/4" MDF.
- 2" x 2" x 1/4" STEEL TUBE. PAINT BEFORE INSTALLATION. TRANSFORMER, SEE ELECTRICAL AND MECHANICAL DRAWINGS.
- 1-1/4" ALUM. TUBE, WELD AND GRIND SMOOTH, TYPICAL.
- SOLID PLASTIC COUNTERTOP, SEE SPEC'S.
- ALUMINUM PEDISTAL, 24" O.C., 12" MAX FROM EDGE.
- 1-1/2" SOLID PHENOLIC PLASTIC BENCH.
- 1" x 5" SOLID PHENOLIC PLASTIC RAIL, CONTINUOUS WITH 3/8" RADIUS EDGES.
- CLOTHES HOOK, 18" O.C. INSTALL WITH 1" STAINLESS STEEL SCREWS. SEE DETAIL 12/A504. SEE SPEC'S.
- 2 1/2" x 1/4" STAINLESS STEEL BOLTS IN EXPANSION ANCHOR, 18" O.C. COUNTER SINK IN PHENOLIC PLASTIC STRIP BEHIND HOOK LOCATIONS.
- 200-7 3-WAY 90° ELBOW. SEE SPEC'S.
- 500-7 SWING SWIVEL COMBINATION. SEE SPEC'S.
- 610-7 BASE FLANGE. SEE SPEC'S.
- 350-7 SIDE OUTLET TEE. SEE SPEC'S.
- 1 1/4" GALBANIZED PIPE. PAINT.
- CMU WALL.
- 210-7 CORNER. SEE SPEC'S.
- GROMMET. INSTALL 2 AT EACH DESK.
- 1 1/2" x 1 1/2" x 1/4" STEEL ANGLE. PAINT PRIOR TO INSTALLATION.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECTS STAMP		REVISIONS/REMARKS		DESIGNED BY: SK		DATE: 6/12/02		DRAWN BY: JCS		DATE: 6/12/02		CHECKED BY: PKH		DATE: 6/12/02	
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	INSPECTOR'S APPROVAL	DATE:	FIELD VERIFICATION BY	DATE:	DRAWING CORRECTED BY	DATE:	MICRO-FILM INFORMATION	RECORDED BY	NO.	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	NO.	DATE	BY	NO.	DATE	NO.	DATE	NO.



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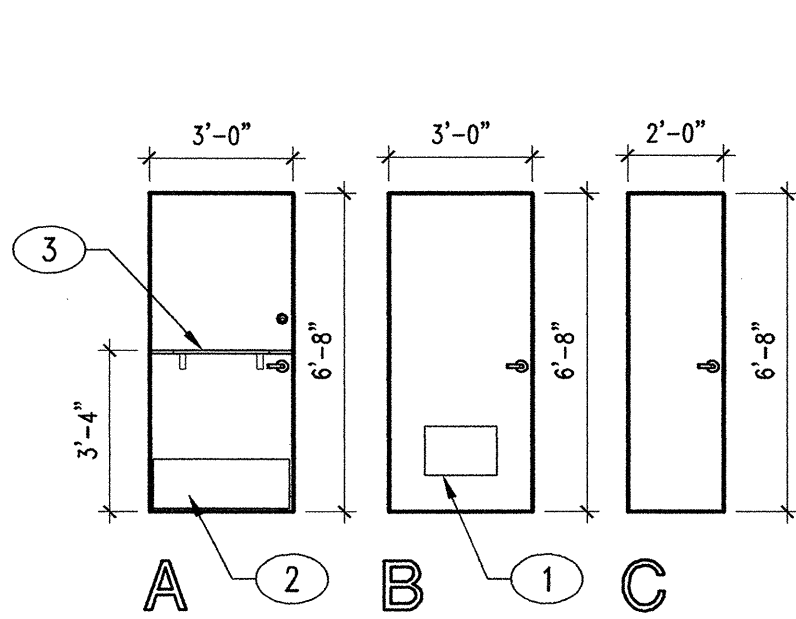
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: DETAILS

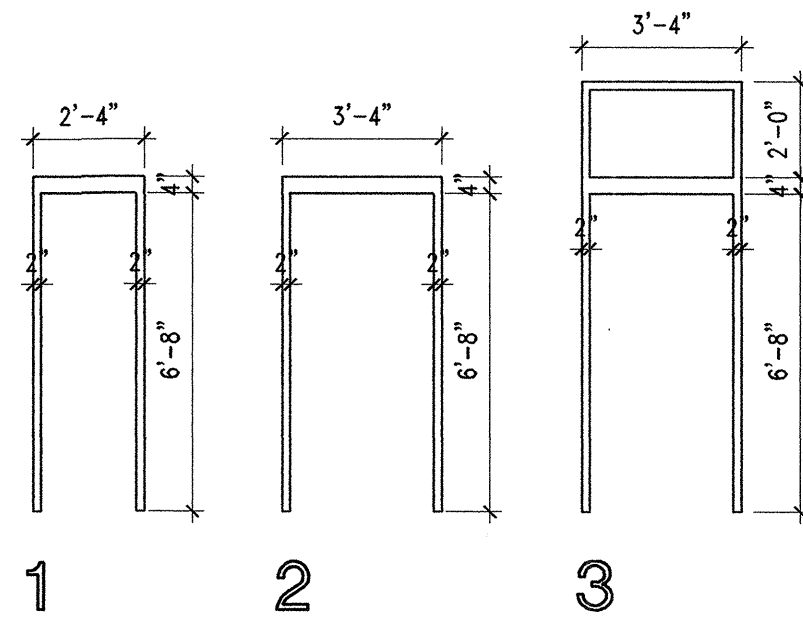
Design Review Committee	City Engineer Approval	Last Design Update	MU/DAY/YR.	MU/DAY/YR.

City Project No. 4347.11
Zone Map No. K-13-Z
Sheet 23 Of 39
A504

Door Schedule																					
DOOR							FRAME							ROOM		SIGN	HARDWARE			REMARKS	
#	PAIR	SIZE			MATERIAL	TYPE	MATERIAL	TYPE	DEPTH	DETAILS				THRESHOLD	FIRE RATING	ROOM NUMBER	TEXT	HARDWARE GROUP			
		WIDTH	HEIGHT	THICKNESS						HEAD	JAMB HINGE SIDE	JAMB STRIKE SIDE									
1	-	3'-0"	6'-8"	1 3/4"	FBGLS	B	FBGLS	3	5-3/4"	18/A502	17/A502	17/A502	4/A502	-	-	-	4			PROVIDE FBGLS TRANSOM PANEL	
2	-	3'-0"	6'-8"	1 3/4"	FBGLS	B	FBGLS	3	5-3/4"	18/A502	19/A502	19/A502	4/A502	-	-	-	1			DOOR LOUVER-TRANSOM PANEL	
3	-	3'-0"	6'-8"	1 3/4"	FBGLS	B	FBGLS	2	5-3/4"	5/A503	19/A502	9/A502	4/A502	-	-	-	1			DOOR LOUVER	
4	-	3'-0"	6'-8"	1 3/4"	FBGLS	A	FBGLS	2	5-3/4"	5/A503	14/A502	14/A502	-	-	-	-	2			KICK PLATE - BOTH SIDES	
5	-	3'-0"	6'-8"	1 3/4"	FBGLS	A	FBGLS	2	5-3/4"	5/A503	13/A502	14/A502	-	-	-	-	2			KICK PLATE - BOTH SIDES	
6	-	3'-0"	6'-8"	1 3/4"	FBGLS	B	FBGLS	2	5-3/4"	5/A503	19/A502	9/A502	4/A502	-	-	-	1			DOOR LOUVER	
7	-	3'-0"	6'-8"	1 3/4"	FBGLS	B	FBGLS	3	5-3/4"	18/A502	19/A502	19/A502	4/A502	-	-	-	1			DOOR LOUVER-TRANSOM PANEL	
8	-	2'-0"	6'-8"	1 3/4"	FBGLS	C	FBGLS	1	5-3/4"	16/A502	16/A502	16/A502	-	-	-	-	3				



2 DOOR TYPES
1/4" = 1'



1 FRAME TYPES
1/4" = 1'

Room Finish Schedule															REMARKS
#	NAME	FLOOR	BASE	WALLS	CEILING										
		EXISTING TO REMAIN CLEAR SEALER SEALED CERAMIC TILE EXPOSED CONCRETE ②	EXISTING TO REMAIN NO BASE SEALED CERAMIC TILE VINYL BASE ①	EXISTING TO REMAIN CMU NO PAINT CMU W/ EPOXY PAINT BRICK W/ SEALER ③ SEALED CERAMIC TILE	EXISTING TO REMAIN CONCRETE NO PAINT CONCRETE EPOXY PAINT										① VINYL BASE AT NEW CASEWORK KICKS ② EXPOSED CONC. FLOORS TO BE HARDENED & SEALED ③ EXISTING INTERIOR PERIMETER BRICK WALLS TO BE CLEANED, REPOINTED, AND SEALED
101	OFFICE/CASHIERS	1	1	1	1	1	1	1	1	1	1	1	1	1	③
102	POOL EQUIPMENT	1	1	1	1	1	1	1	1	1	1	1	1	1	
103	STORAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	
104	CONCESSIONS	1	1	1	1	1	1	1	1	1	1	1	1	1	
105	LOGGIA		2												③
106	WOMEN'S	2	3												③
107	MEN'S	2	3												③
108	WOMEN'S SHOWER	3	3												
109	MEN'S SHOWER	3	3												
110	VEST.	2	3												③
111	VEST.	2	3												③
112	BAG ROOM	2	3												
113	CHASE	4	2												

NOTE: ALL EXISTING EXTERIOR WALLS TO BE CLEANED, REPOINTED, AND SEALED.

GENERAL NOTES

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- FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.

KEY NOTES

- LOUVERS, WHERE SCHEDULED.
- STAINLESS STEEL KICK PLATE, WHERE SCHEDULED.
- SHELF. SEE DETAIL 10/A503.

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ARCHITECTS STAMP		REVISIONS/REMARKS		BY		DATE		DESIGNED BY: SK		DATE: 6/12/02		DRAWN BY: JCS		DATE: 6/12/02		CHECKED BY: PKH		DATE: 6/12/02	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-L15	DATE:	NO.	BY	STATE OF NEW MEXICO JONATHAN S. CRAIG No. 1899 6-18-02 REGISTERED ARCHITECT																			

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CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SCHEDULES

Design Review Committee	City Engineer Approval	Last Design Update	ML/DAY/YR.	ML/DAY/YR.

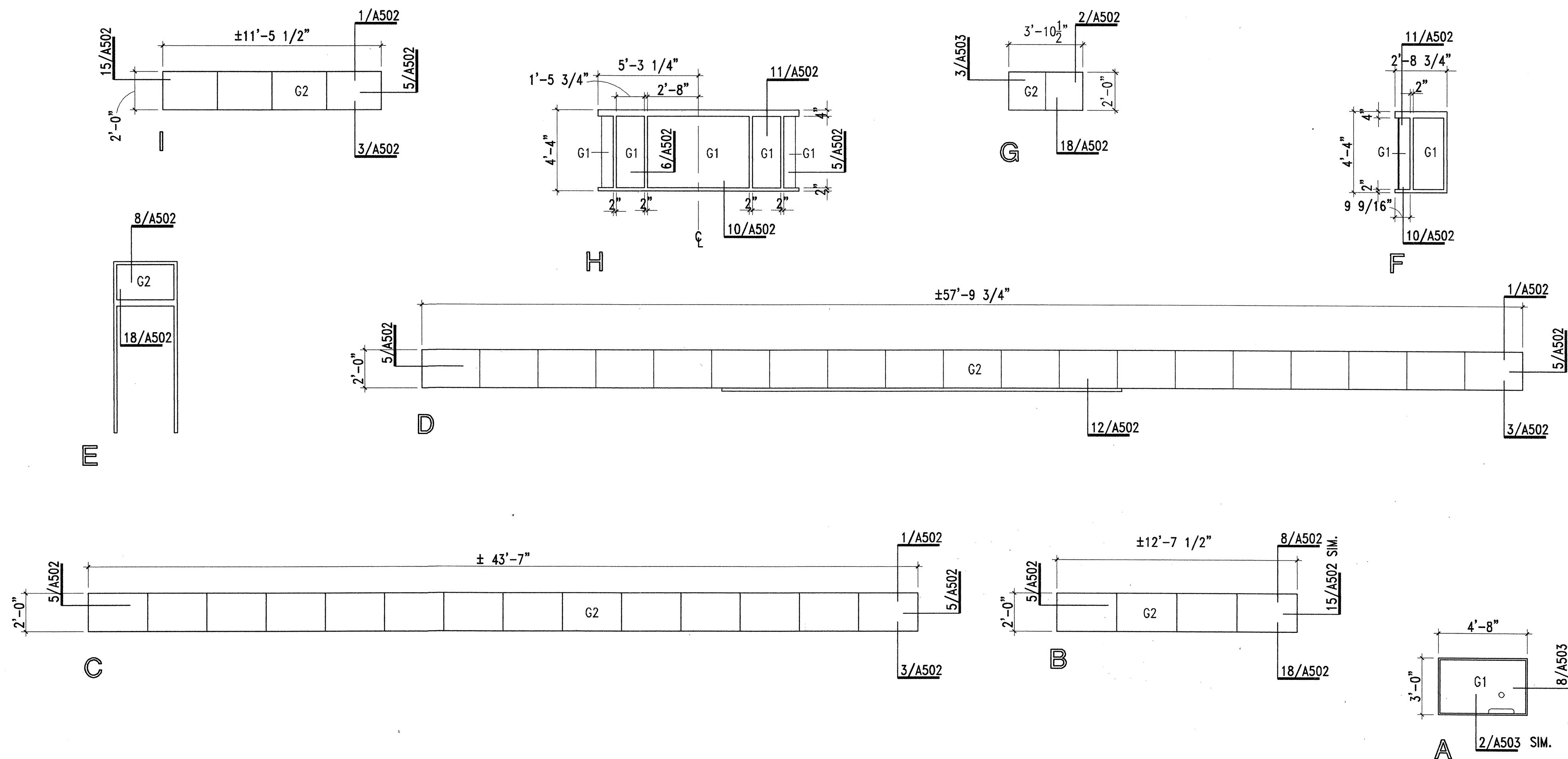
City Project No. 4347.11 Zone Map No. K-13-Z Sheet 24 Of 39
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GLAZING SCHEDULE		
MARK	SINGLE	REMARKS
G1	1/4" L	LAMINATED CLEAR
G2	1/4" L	LAMINATED OBSCURED

L= LAMINATED

- A. CONTRACTOR TO COORDINATE ALL WORK, AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN DRAWINGS OR FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
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- C. DIMENSIONS ARE TO FACE OF STUD OR FACE OF C.M.U. UNLESS NOTED OTHERWISE.
- D. LARGER SCALE DETAILS ARE TO TAKE PRECEDENCE OVER SMALLER, TYP.
- E. FOR ACCESSIBLE CLEARANCES SEE ENLARGED PLANS AND ELEVATIONS.


KEYED NOTES ○

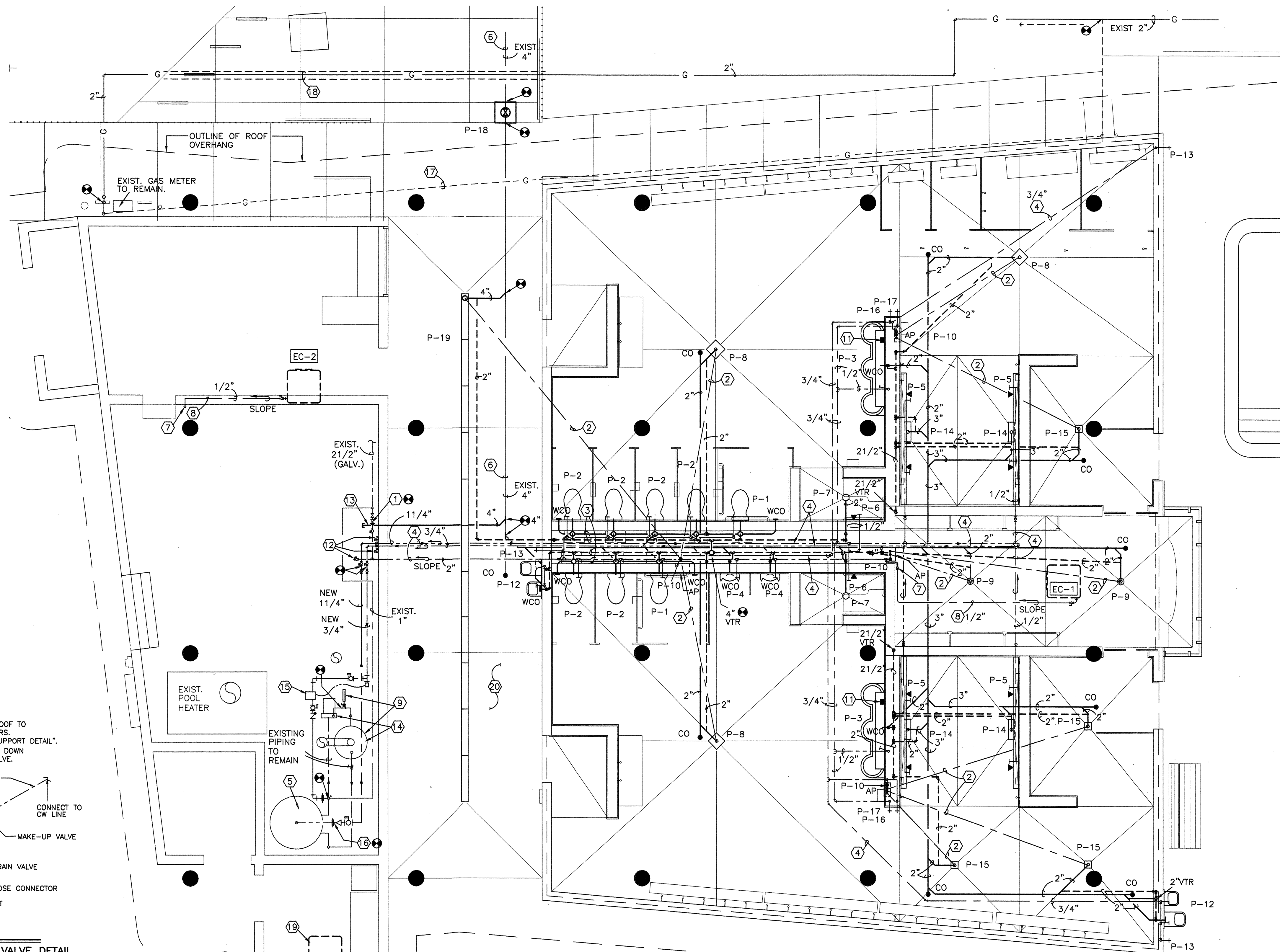


NOTE: FRAME DIM'S ARE TO ROUGH OPENING, FINAL
DIMENSIONS ARE TO BE ADJUSTED FOR SHIM SPACE.

WINDOW OPENINGS ARE TO BE FIELD VERIFIED
PRIOR TO FABRICATION, TYP.

[illegible]

<h1 style="margin: 0;">Kells + Craig</h1> <p>400 Gold SW Suite 880 Albuquerque, New Mexico 87102</p>	<div style="text-align: right;">  </div> <h2 style="margin: 0; text-align: right;">Architects, Inc. AIA</h2> <p style="text-align: right;">(505) 243-2724</p>																					
<p>CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION</p>																						
<p>TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION</p> <p>SHEET: OPENING TYPES AND SCHEDULE</p>																						
<p>Design Review Committee</p>	<p>City Engineer Approval</p>	<p>Design Update</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">RI1/DAY/YR</th> <th style="padding: 5px;">RI2/DAY/YR</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </tbody> </table>	RI1/DAY/YR	RI2/DAY/YR											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">City Project No.</td> <td style="width: 33%; padding: 5px;">Zone Map No.</td> <td style="width: 33%; padding: 5px;">Sheet 25</td> </tr> <tr> <td style="text-align: center; padding: 10px;">4347.11</td> <td style="text-align: center; padding: 10px;">K-13-Z</td> <td style="text-align: center; padding: 10px;">A602</td> </tr> </table>	City Project No.	Zone Map No.	Sheet 25	4347.11	K-13-Z	A602
RI1/DAY/YR	RI2/DAY/YR																					
City Project No.	Zone Map No.	Sheet 25																				
4347.11	K-13-Z	A602																				



NOTES:

- CONNECT NEW PIPING TO EXISTING PIPING IN EXISTING POOL EQUIPMENT BUILDING.
- 1/2" TYPE K COPPER TUBING BELOW CONCRETE. SLEEVE IN PVC.
- PIPE IN PLUMBING CHASE.
- TYPE K COPPER TUBING BELOW CONCRETE. INSULATE WATER PIPING BELOW CONCRETE WITH IMCOLOCK CLOSED CELL PIPE INSULATION. 1/2" THICK, K=0.24. NOTE: COLD WATER PIPING FROM TRAP PRIMERS TO FLOOR DRAINS ARE NOT INSULATED. ALL OTHER WATER PIPING SHALL BE INSULATED.
- EXISTING HOT WATER STORAGE TANK TO REMAIN IN SERVICE. INSULATE TANK WITH 2.5" THICK FIBERGLASS INSULATION WITH ASI.
- CLEAN EXISTING SEWER LINE.
- EVAPORATIVE COOLER MAKE-UP AND DRAIN VALVES. SEE DETAIL THIS SHEET. SEE "PIPE SUPPORT DETAIL" THIS SHEET.
- SEE "PIPE SUPPORT DETAIL" THIS SHEET.
- SET EXISTING WATER HEATER TO DELIVER 110°F HOT WATER. INSTALL NEW THERMISTOR MODEL A402 THERMISTOR ON HOT WATER LINE TO MONITOR LEAVING TEMPERATURE.
- NOT USED.
- ELECTRIC TRANSFORMER FOR SENSOR OPERATED LAVATORY VALVES. FURNISHED WITH P-3. SEE "PLUMBING FIXTURE SCHEDULE".
- BATH HOUSE BUILDING WINTER DRAIN DOWN VALVE. SLOPE PIPING TOWARD DRAIN VALVE.
- PROVIDE A 4" SEWER LINE FOR FUTURE EXTENSION. CAP LINE.
- EXISTING GAS WATER HEATER AND CIRCULATING PUMP TO REMAIN IN SERVICE.
- BELL & GOSSET LR-15B BRONZE CIRCULATING PUMP. 1/12 HP MOTOR. 6 GPM @ 12' HEAD. PUMP CONTROLLED BY A HONEYWELL MODEL L 4006 A AQUASTAT CONTROLLER.
- REMOVE EXISTING 1" HOT WATER LINE AND CONNECT NEW 1 1/4" HOT WATER LINE TO NEW 1 1/4" x 1" REDUCER AND TO EXISTING 1" DIELECTRIC UNION.
- REMOVE EXISTING 2" GAS PIPE FROM ROOF.
- INSTALL 2" GAS PIPE FROM FROM METER DISCHARGE, BELOW GRADE TO INDICATED POINT OF CONNECTION WITH EXISTING 2" GAS LINE. PRESSURE TEST LINE BEFORE PLACING BACK IN SERVICE. RUN IN VENILATED CONDUIT BELOW SIDEWALK.
- CONNECT NEW EVAPORATIVE COOLER TO EXISTING CW MAKE-UP PIPING.
- RECORD DRAWINGS INDICATE POOL PIPING BELOW SLAB. USE CAUTION WHILE EXCAVATING FOR NEW WORK. EXISTING POOL PIPING MUST BE PRESERVED.

GENERAL NOTES - PLUMBING

- IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTING CONDITIONS AT THE JOB SITE AND MAKE ALL MODIFICATIONS AND RENEWALS NECESSARY TO COMPLETE THE MECHANICAL WORK FOR THIS JOB IN ACCORDANCE WITH STATE AND LOCAL CODE REQUIREMENTS. IN THE EVENT THAT THE CONTRACTOR CANNOT DETERMINE WHAT SHALL BE DONE IN REGARD TO ANY SPECIFIC PROBLEM, THIS PROBLEM SHALL BE BROUGHT TO THE ATTENTION OF THE A/E.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE EXCAVATING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- ALL PIPING IS CONCEALED UNLESS OTHERWISE NOTED.
- ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 1/4" PER FOOT SLOPE TO DRAIN TO THE POOL EQUIPMENT BUILDING FOR WINTER DRAINDOWN.
- ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE ROOFING CONTRACTOR.
- VOLTAGE AND PHASE FOR ALL MECHANICAL EQUIPMENT SHALL BE AS SHOWN ON THE ELECTRICAL DRAWINGS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL ENGINEER BEFORE ORDERING.

BATHHOUSE PLUMBING PLAN

1/4"=1'

LEGEND:

- SOIL AND WASTE
- VENT
- COLD WATER
- HOT WATER
- HOT WATER RECIRCULATION
- BALL VALVE
- GATE VALVE
- SQUARE HEADED COCK
- UNION
- CLEANOUT
- WALL CLEANOUT
- VENT THROUGH ROOF
- POINT OF CONNECTION
- NEW TO EXISTING

WINTER DRAIN DOWN:
ALL PIPING SHALL BE INSTALLED TO PROVIDE FOR WINTER DRAIN DOWN. SLOPE ALL PIPING ABOVE AND BELOW FLOOR TO SLOPE TO DRAIN VALVES IN POOL EQUIPMENT BUILDING. PIPING SHALL SLOPE AT A MINIMUM OF 1/8" PER FOOT. PIPING SHALL BE PROPERLY SUPPORTED AND BEDDED TO MAINTAIN THIS SLOPE OVER TIME. PROVIDE A CONCRETE PIT IN POOL EQUIPMENT BUILDING AT DRAIN VALVES IF REQUIRED TO ACHIEVE SPECIFIED SLOPE.
IN ADDITION TO THE REQUIREMENTS OF SECTION 15000-1.19 "OPERATING INSTRUCTIONS" SHALL TRAIN THE CITY REPRESENTATIVES IN THE PROPER PROCEDURE TO DRAIN DOWN THE SYSTEM FOR WINTER SHUTDOWN OF THE BUILDING.

GENERAL PLUMBING DEMOLITION NOTE:
REMOVE ALL FIXTURES IN BATH HOUSE BUILDING. REMOVE EXISTING WATER PIPING TO POINT OF CONNECTION WITH NEW PIPING AS SHOWN ABOVE. REMOVE ALL WASTE AND VENT PIPING TO POINT OF CONNECTION WITH NEW PIPING AS SHOWN ABOVE. EXISTING FLOOR SLAB IS BEING REMOVED AND REPLACED. SEE ARCHITECTURAL DRAWINGS.
ANY SPECIFIC PROBLEMS OR QUESTIONS REGARDING DEMOLITION OF PLUMBING SHALL BE BROUGHT TO THE ATTENTION OF THE A/E FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
SEE ARCHITECTURAL DEMOLITION DRAWINGS.

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CONSULTING ENGINEERS
5901 Tokay Rd. NE
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Kells + Craig

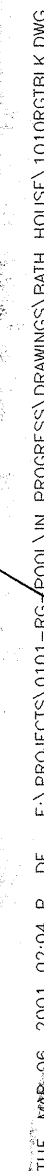
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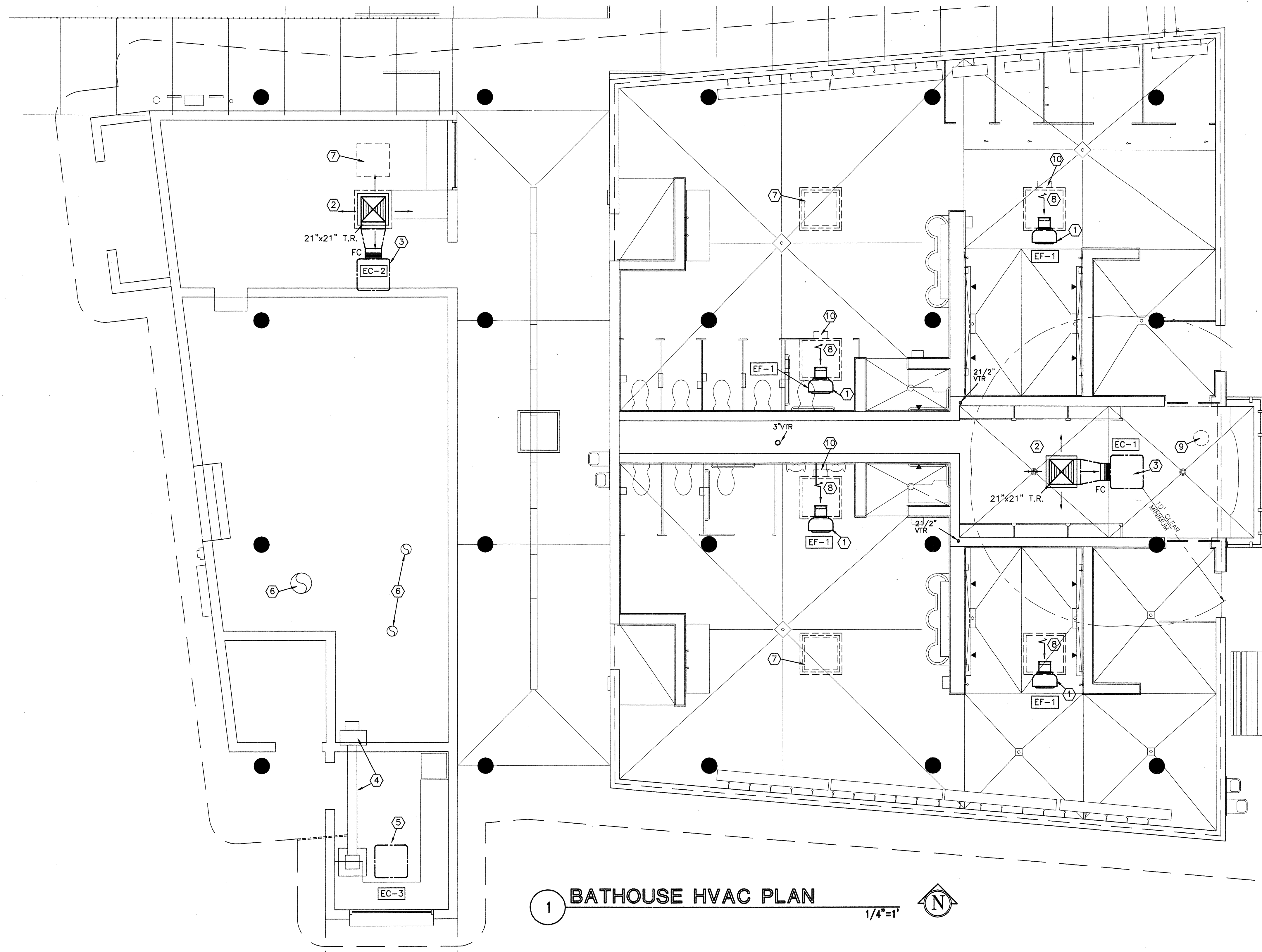
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLERIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: **PLUMBING PLAN**

Design Review Committee	City Engineer Approval	RD/24/2/24	RD/24/2/24
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet P-101	Of

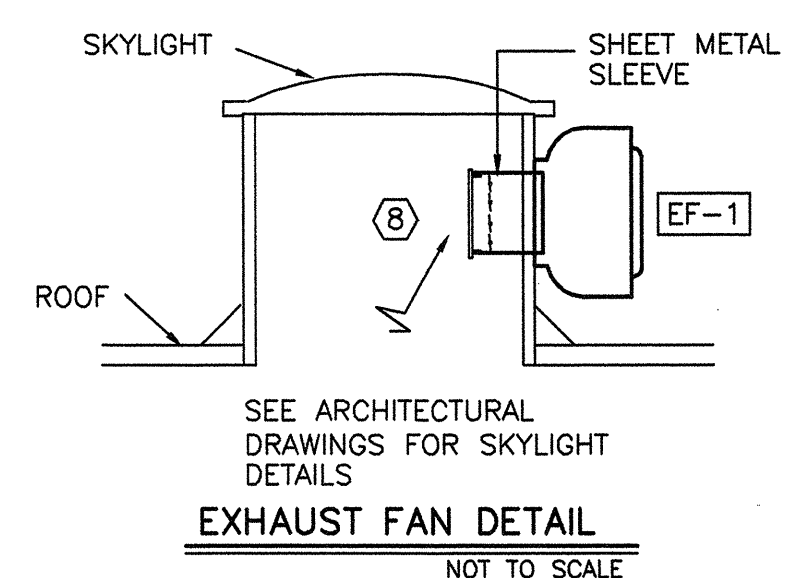
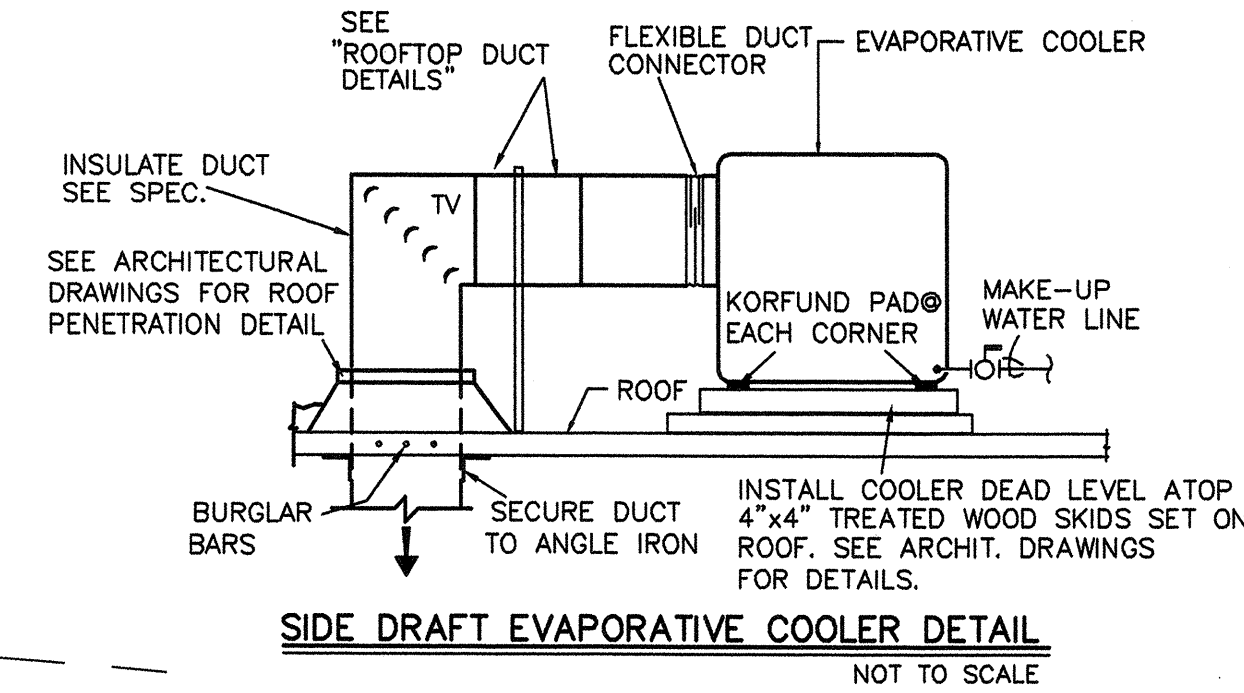
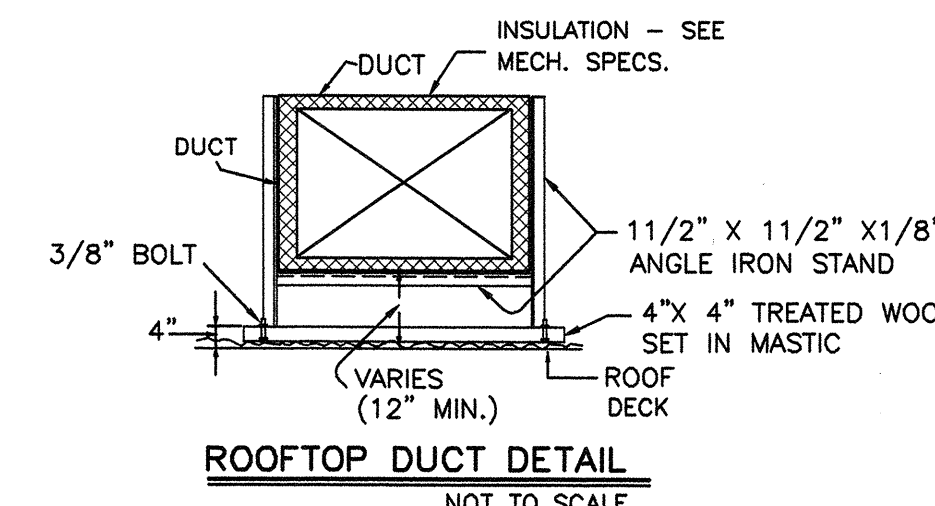


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NOTES:

1. REMOVE EXISTING EXHAUST FAN AND REPLACE WITH NEW FAN. SEE "EXHAUST FAN DETAIL" THIS SHEET.
2. TITUS TDC-AA 21" x 21" ALUMINUM CEILING DIFFUSER. BORDER TYPE 1. FOUR WAY PATTERN. STANDARD WHITE FINISH.
3. SEE "EVAPORATIVE COOLER DETAIL" THIS SHEET.
4. REMOVE EXHAUST FAN AND DUCT TO ALLOW RE-ROOFING. REINSTALL FAN AND DUCT AND PLACE EQUIPMENT BACK IN OPERATION WHEN ROOFING WORK IS COMPLETE. ROTATE FAN SCROLL FROM HORIZONTAL TO UPBLAST AND EXTEND FAN EXHAUST DISCHARGE SO IT IS THREE FEET ABOVE TOP OF NEARBY EVAPORATIVE COOLER.
5. REMOVE EVAPORATIVE COOLER AND DUCT TO ALLOW RE-ROOFING. INSTALL NEW COOLER AND DUCT AND PLACE EQUIPMENT IN OPERATION WHEN ROOFING WORK IS COMPLETE.
6. EXISTING GAS VENTS THROUGH ROOF TO REMAIN.
7. REMOVE EXISTING EVAPORATIVE COOLER.
8. TITUS 350-FL 10" x 10" ALUMINUM EXHAUST AIR GRILLE.
9. REMOVE EXISTING GAS VENT THROUGH ROOF.
10. EXISTING EXHAUST FAN IN SKYLIGHT TO BE REMOVED WITH SKYLIGHT. SEE ARCHITECTURAL DRAWINGS.



EXHAUST FAN SCHEDULE:

SYMBOL	MODEL	CFM	EXT.ST. PRESS.	SONES	MOTOR	OPER. WEIGHT	NOTES
EF-1	CW090-E	451	0.125"	3.9	1/40 HP	34	1

ALL EXHAUST FANS AS MANUFACTURED BY GREENHECK.
NOTES :
1. 115V MOTOR, DIRECT DRIVE SEE ELECTRICAL DRAWINGS FOR CONTROLS, FAN COMPLETE WALL MOUNTING PLATE, BIRDSCREEN, U.L. LISTED, AUTOMATIC BACKDRAFT DAMPER, AND DISCONNECT. FANS CONTROLLED BY WALL SWITCHES. SEE ELECTRICAL DRAWINGS FOR SWITCH LOCATIONS. LABEL SWITCHES WITH PERMANENT LABELS. INSTALL GRILLE ON INLET DUCT. SEE NOTE ⑧.

EVAPORATIVE COOLER SCHEDULE:

SYMBOL	MODEL	CFM	EXT.ST. PRESS.	MOTOR HP	OPER. WEIGHT
EC-1	3000 SM	1,700 @ HIGH	0.3"	1/3	202 lbs
EC-2	3000 SM	1,700 @ HIGH	0.3"	1/3	202 lbs
EC-3	3000 DM	1,700 @ HIGH	0.3"	1/3	202 lbs

EVAPORATIVE COOLERS AS MANUFACTURED BY CHAMPION. UNITS FURNISHED WITH CHAMPION AIR FAN MOTORS AND WATER PUMPS WITH TWO YEAR WARRANTY UNITS SHALL HAVE 120v/60hz/1ph TWO SPEED MOTORS. DISCONNECTS. UNITS CONTROLLED BY WALL SWITCHES. PROVIDE PERMANENT LABELS ON SWITCHES. SEE ELECTRICAL DRAWINGS FOR SWITCH LOCATIONS. SEE "EVAPORATIVE COOLER DETAIL" THIS SHEET.

LEGEND:

- FC FLEXIBLE DUCT CONNECTOR
TV TURNING VANES
TR THROUGH ROOF

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6-02

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ENGINEERS STAMP		REVISIONS/REMARKS		NO. DATE	
CONTRACTOR	DATE:	ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT: 7-115	NO.	BY	DATE			NO.	DATE	DESIGNED BY: G.E.I.	DATE: 06/10/02
WORK STAGED BY	DATE:									DRAWN BY: G.E.I.	DATE: 06/10/02
INSPECTOR'S APPROVAL	DATE:									CHECKED BY: J.E.L.	DATE: 06/10/02
FIELD VERIFICATION BY	DATE:										
DRAWING CORRECTED BY	DATE:										
MICRO-FILM INFORMATION	DATE:										
RECORDED BY	NO.										

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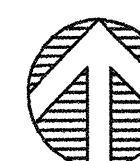
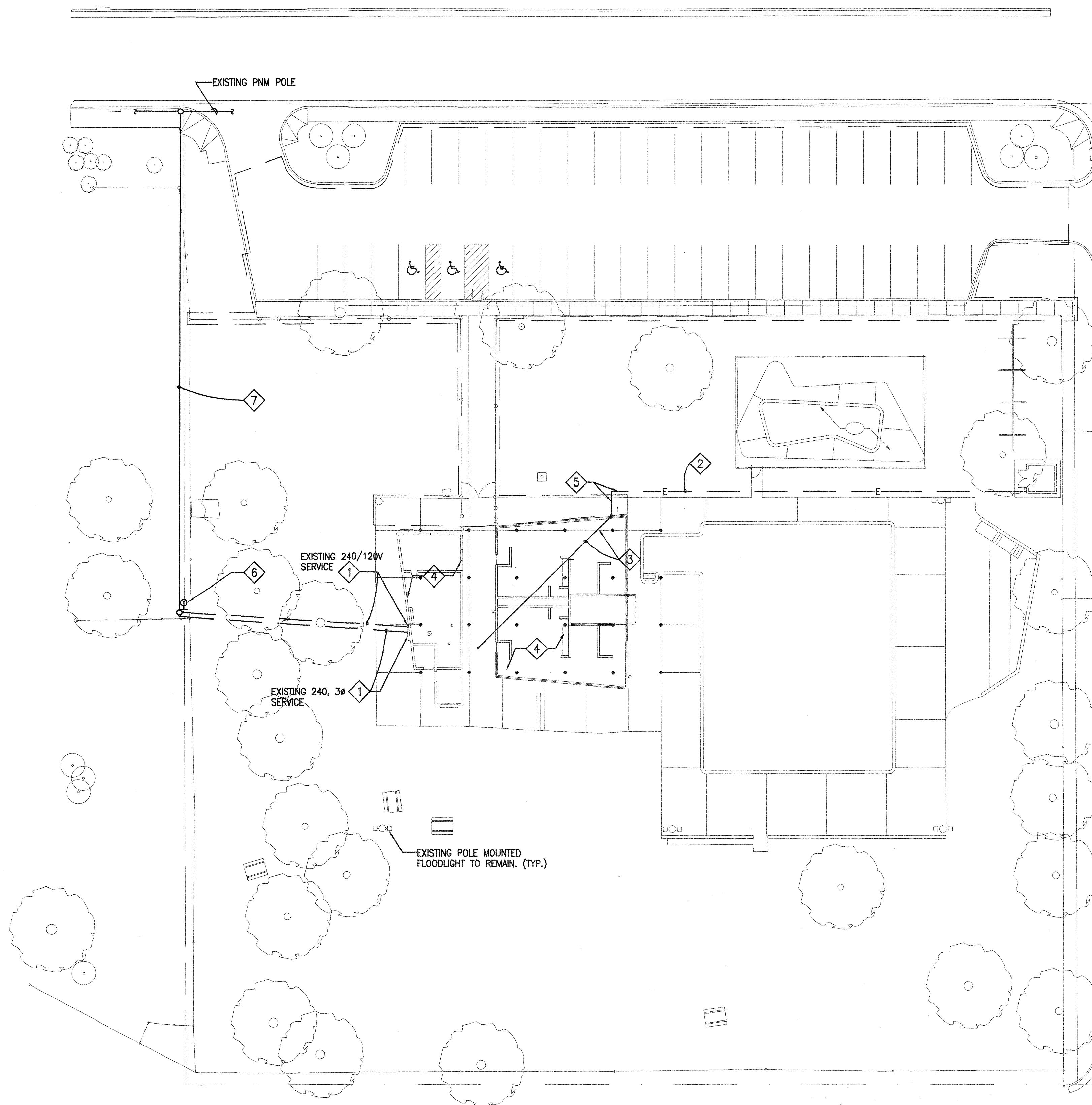
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLERIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: HVAC PLAN

Design Review Committee	City Engineer Approval	Rev./Day/Yr	Rev./Day/Yr

City Project No. 4347.11	Zone Map No. K-13-Z	Sheet M-101
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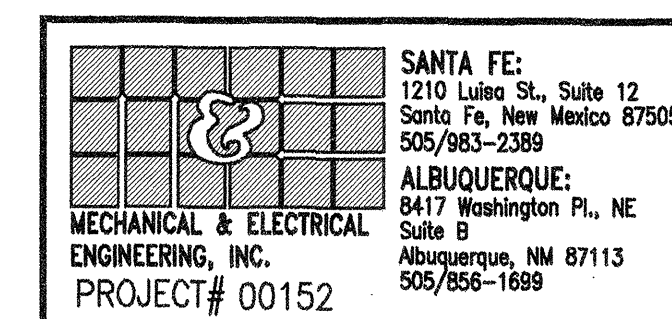


SITE DEMOLITION PLAN

SCALE: 1" = 20'

KEYED NOTES: ◇

- EXISTING PNM SERVICES. DISCONNECT AT POLE, REMOVE CONDUCTORS, REMOVE CONDUITS, AND REMOVE METERS. PNM TO REMOVE EXISTING POLE MOUNTED TRANSFORMER.
- EXISTING 1-1/4" UNDERGROUND CONDUIT TO WADING POOL TO REMAIN. REMOVE CONDUCTORS FROM SOURCE TO LOAD AND SALVAGE PER OWNER. CONDUIT TO BE RE-USED IN THIS PROJECT.
- REMOVE 1-1/4" EMT DOWN WALL AND ACROSS ROOF TO PANELS INSIDE POOL EQUIPMENT ROOM.
- REMOVE ALL CONDUIT AND ELECTRICAL EQUIPMENT FROM ROOF.
- LOCATE ELBOW IN CONDUIT. EXCAVATE AND PREPARE TO INTERCEPT THE RUN TO THE WADING POOL PUMPHOUSE TO CONTINUE UNDERGROUND INSTALLATION. SEE SHEET E102 FOR CONTINUATION.
- PNM POLE MOUNTED TRANSFORMER. COORDINATE WITH PNM FOR REMOVAL.
- PNM DISTRIBUTION LINES. COORDINATE WITH PNM FOR REUSE OR REMOVAL AS APPROPRIATE.



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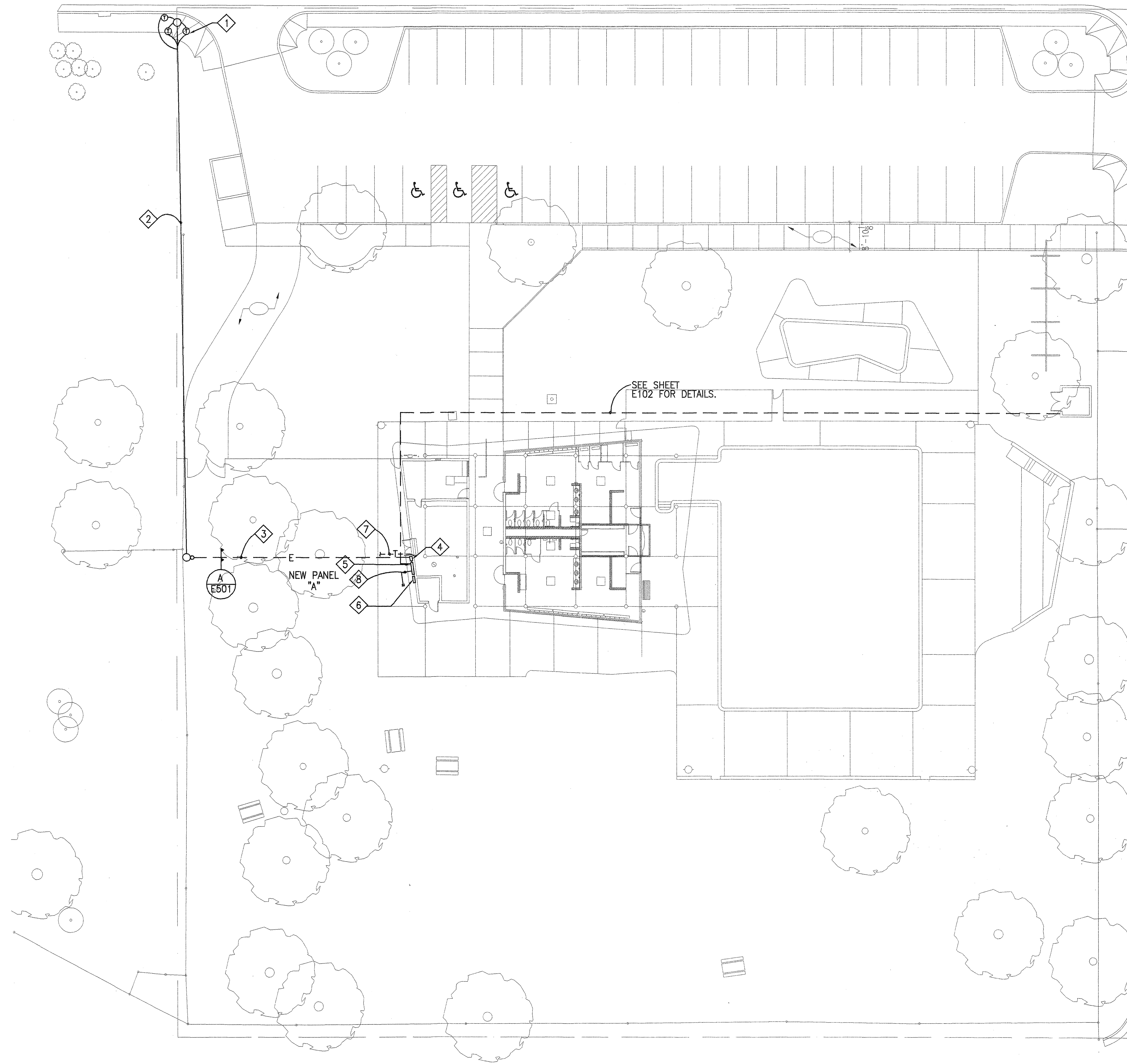
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DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SITE DEMOLITION PLAN

Design Review Committee	City Engineer Approval	Update	05/20/02	05/20/02
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet ESD101	Of	

NO.		DATE		REVISIONS/REMARKS		BY		ARCHITECT'S STAMP		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
										FIELD NOTES		ALL ELEVATIONS ARE BASED UPON ALBUQUERQUE		CONTRACTOR	
										NO.		DATE		DATE	
														WORK STAKED BY	
														DATE	
														INSPECTOR'S APPROVAL	
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														FIELD VERIFICATION BY	
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ELECTRICAL SITE PLAN
SCALE: 1/16" = 1'-0"

KEYED NOTES: ◇

1. NEW PNM SUPPLIED POLE MOUNT TRANSFORMERS. COORDINATE WITH PNM FOR INSTALLATION. 3 TRANSFORMERS 75 KVA EACH.
2. NEW SERVICE LATERALS, POLE-MOUNTED, COORDINATE WITH PNM FOR INSTALLATION.
3. 2- 4" SCHEDULE 40 PVC CONDUIT EACH WITH 4- 350 KCMIL CU THHN AND 1- #3/0 AWG CU THHN GROUND. EXTEND UP SERVICE POLE FOR PNM CONNECTION. COORDINATE WITH PNM. USE 4" RIGID GALVANIZED STEEL WRAPPED WITH 20 MIL PVC WRAPPING TAPE WITH 75% LAP FOR ALL BENDS GREATER THAN 30 DEGREES. USE 4" EMT FOR EXTENSION UP POLE WITH APPROPRIATE SERVICE HEAD OR PER PNM.
4. NEW METER PER PNM. SEE SHEET E102.
5. NEW PANEL "A". SEE SHEET E102.
6. NEW PANEL "B". SEE SHEET E102.
7. EXISTING TELEPHONE SERVICE TO REMAIN.
8. STUBOUT FOR NEW POOL EQUIPMENT BUILDING IN FUTURE. SEE SHEET E102.



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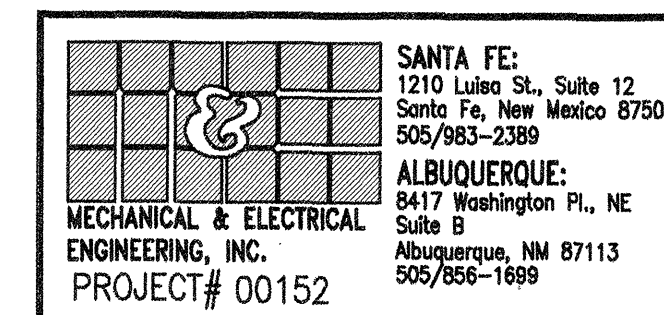
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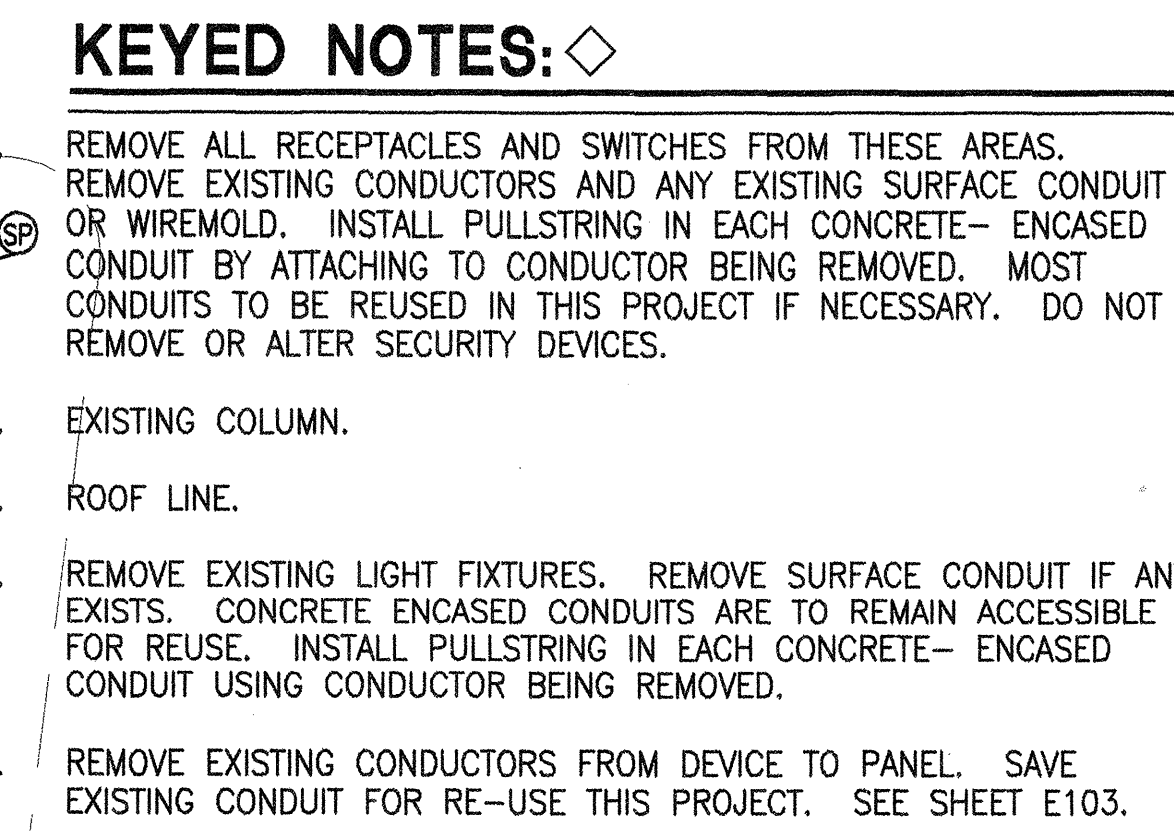
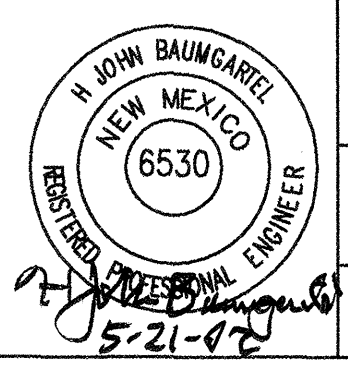
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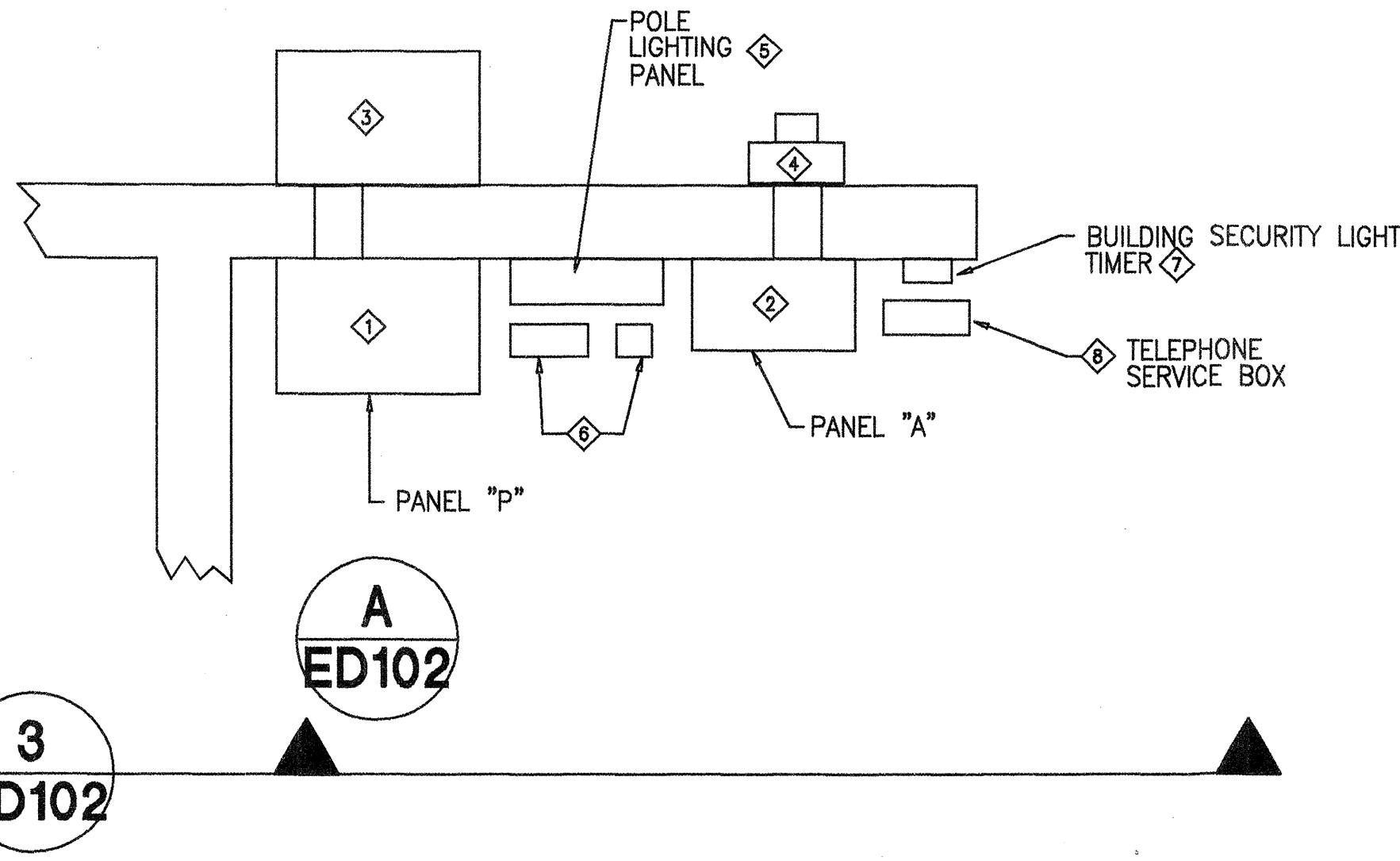
TITLERIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET:ELECTRICAL SITE PLAN

Design Review Committee	City Engineer Approval	NO./YAY/YR. 05/20/02	NO./YAY/YR.
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet ES101	Of



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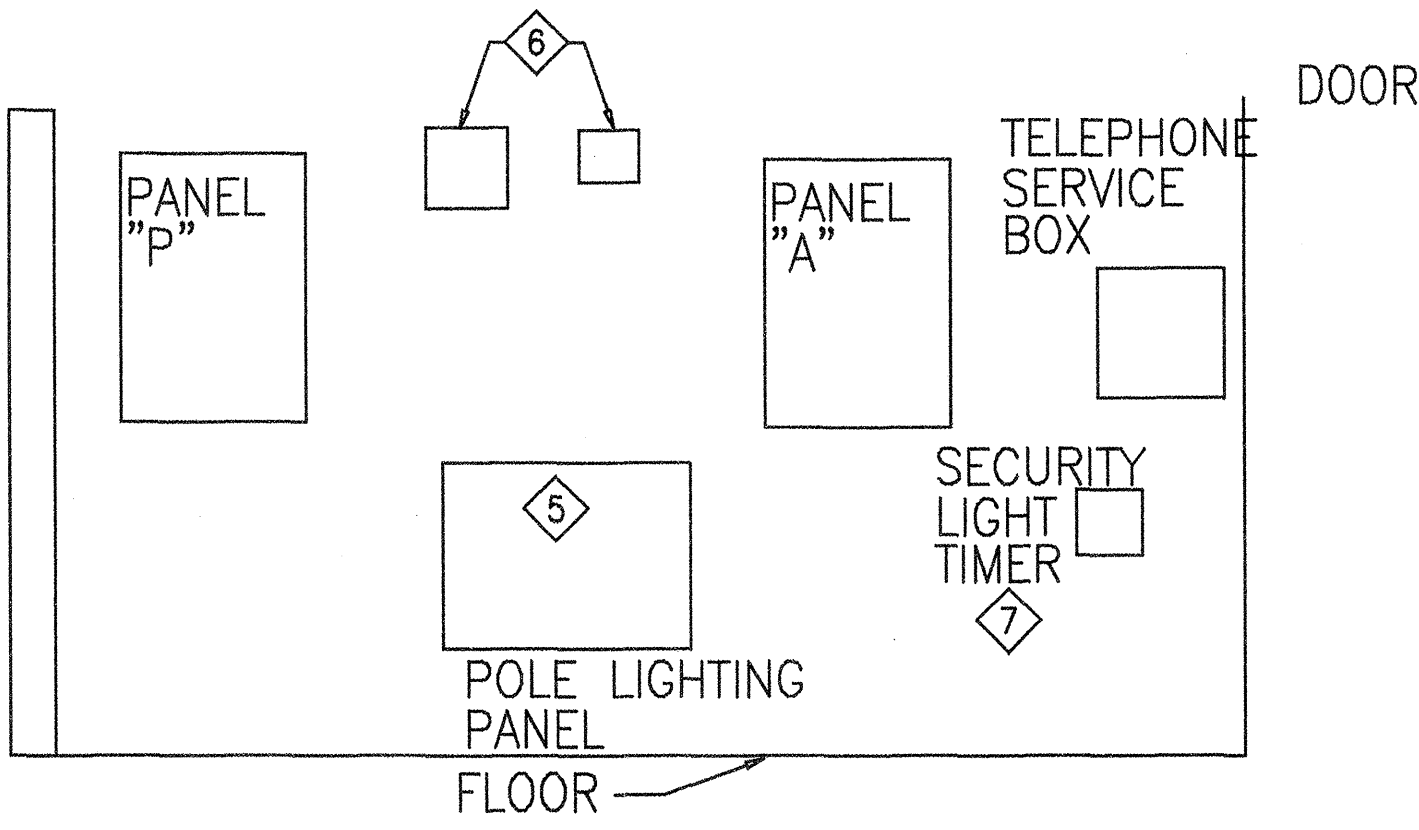
Kells & Craig 400 Gold SW Suite 880 Albuquerque, New Mexico 87102	<div style="text-align: right;"> </div> <div style="text-align: right;"> Architects, Inc. AIA (505) 243-2724 </div>														
CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION															
TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION SHEET: ELECTRICAL DEMOLITION PLAN															
Design Review Committee	City Engineer Approval	Last Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; font-size: small;">MM / DAY / YR</th> <th style="text-align: center; font-size: small;">MM / DAY / YR</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">05/20/02</td> <td></td> </tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> </tbody> </table>	MM / DAY / YR	MM / DAY / YR	05/20/02									
MM / DAY / YR	MM / DAY / YR														
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2 ELECTRICAL EQUIPMENT PLAN- EQUIPMENT RM
ED102 SCALE: N.T.S

MAIN 200A, 3 POLE 1	
20 HP PUMP 100A, POLE 1	
SPARE 60A, 3 POLE	10 HP PUMP 60A, 3 POLE 1
SUMP PUMP 30A, 3 POLE 3 HP 1	SUMP PUMP 30A, 3 POLE 3 HP 1
SPARE 30A, 3 POLE	SPARE 30A, 3 POLE
SPARE 30A, 3 POLE	SPARE 30A, 3 POLE

A PANEL "P"
ED102 SCALE: N.T.S



3 EQUIPMENT ROOM ELEVATION
ED102 SCALE: N.T.S

Load Description	Brkr Size	Poles	Ckt #	Cat #	Phase A Load	Phase B Load	Phase C Load	Cat #	Ckt #	Poles	Brkr Size	Load Description
Men's Dressing Rm	20	1	1						2	1	20	Men's AC
Men's Toilet Rm	20	1	3						4	1	20	E Overhang Lights
Womens Toilet Lts	20	1	5						6	1	20	Breezeway Lights
Unknown Load	15	1	7						8	1	20	Womens Dress
Office Plugs	20	1	9						10	1	20	S Overhang Lts
Office Lights	20	1	11						12	2	70	Conc Stand
Plug by Pool	20	1	13						14			
Overhang Lights	20	1	15						16	1	20	Spare
Spare	20	1	17						18	1	20	Dam Ht Water
Pump Room Lts	20	1	19						20	1	20	Pump Rm Plug
Baby Pool Pump	60	2	21						22	1	20	Chlorine Pump
			23						24	1	20	Pump Rm Plug
			25						26			
			27						28			
			29						30			
			31						32			
			33						34			
			35						36			
			37						38			
			39						40			
			41						42			
Total Watts					0	0	0					

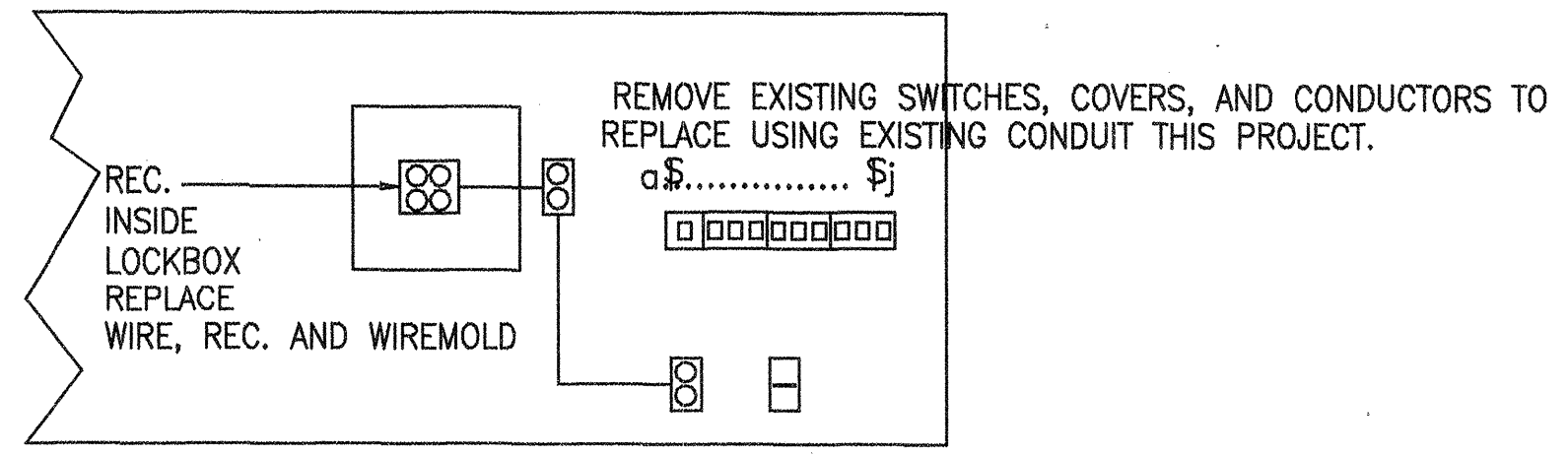
Load Category	Connected	Dmd %	Demand
1.) Lighting	0	1.25	0
2.) Receptacles	0	1	0
3.) Motor	0	0.5	0
4.) Sub - Panels	0	1.25	0
Total	0	1	0

Panel ID: Main Panel
Voltage: 240/120VAC
Phase/Wires: 1ph, 3W
Main Amps: 200
Main Breaker Amps: 200
No. of Circuits: 24
Surface/Flush Mount: S
Nema Enclosure Type: 1
Top/Bottom Feed:
Front Type:
AIC Rating:
Manufacturer:
Model:
Section:

EXISTING PANEL SCHEDULES - INFO ONLY

KEYED NOTES:

- DISCONNECT CONDUCTORS AND CONDUITS. REMOVE PANEL. CONDUIT AND CONDUCTORS TO BE RE-CONNECTED VIA WIREWAY INSTALLED IN THIS PROJECT. SEE SHEET E102.
- DISCONNECT CONDUCTORS AND CONDUITS. REMOVE PANEL. REMOVE CONDUCTORS FEEDING LIGHTING AND RECEPTACLE CIRCUITS IN OFFICE AND BATH HOUSE SECTIONS THAT ARE BEING RE-DONE, LEAVE CONDUITS INTACT.
- DISCONNECT AND REMOVE SERVICE AND SERVICE LATERAL CONDUCTORS FROM 3 PHASE METER ASSEMBLY. REMOVE METER ASSEMBLY. SEE SHEET ESD101. COORDINATE WITH PNM.
- DISCONNECT AND REMOVE SERVICE AND SERVICE LATERAL CONDUCTORS FROM SINGLE PHASE SERVICE METER. REMOVE METER ASSEMBLY. SEE SHEET ESD101. COORDINATE WITH PNM.
- LIGHTING PANEL. DISCONNECT CONDUCTORS AND CONDUIT. REMOVE PANEL. CONDUIT AND CONDUCTORS TO BE RE-CONNECTED VIA WIREWAY INSTALLED THIS PROJECT.
- LIGHTING CONTACTOR AND CONTROLLING TIME CLOCK TO REMAIN. DISCONNECT LINE SIDE CONDUCTORS AND RE-FEED VIA WIREWAY TO NEW SERVICE PANEL INSTALLED THIS PROJECT. SEE SHEET E102.
- BUILDING SECURITY LIGHT TIMER. DISCONNECT AND REMOVE EXISTING WIRING BUT LEAVE DEVICE INTACT. RE-CONNECT THIS PROJECT PER EXISTING INSTALLATION.
- TELEPHONE SERVICE BOX. SERVICE AND CONNECTIONS TO REMAIN AS IS. REMOVE AND REPLACE BOX AND TIDY-UP CONNECTIONS. COORDINATE WITH QWEST COMMUNICATIONS.



1 OFFICE WALL ELEVATION
ED102 SCALE: N.T.S

Load Description	Brkr Size	Poles	Ckt #	Cat #	Phase A Load	Phase B Load	Phase C Load	Cat #	Ckt #	Poles	Brkr Size	Load Description
Spare	30	1	1						2	1	30	Spare
Spare	30	1	3						4	1	30	NW Flood
SE Flood	30	1	5						6	1	30	NE Flood
Center Flood	30	1	7						8	1	20	Stranrol
Sprinkler	20	1	9						10	1	20	SW Flood
Spare	20	1	11						12	1	20	Timer
			13						14			
			15						16			
			17						18			
			19						20			
			21						22			
			23						24			
			25						26			
			27						28			
			29						30			
			31						32			
			33						34			
			35						36			
			37						38			
			39						40			
			41						42			
Total Watts					0	0	0					

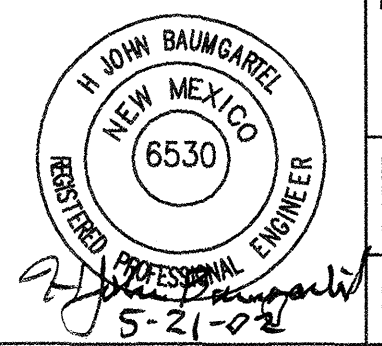
Load Category	Connected	Dmd %	Demand
1.) Lighting	0	1.25	0
2.) Receptacles	0	1	0
3.) Motor	0	0.5	0
4.) Sub - Panels	0	1.25	0
Total	0	1	0

Panel ID: Lighting Panel
Voltage: 240/120VAC
Phase/Wires: 1ph, 3W
Main Amps: 100
Main Breaker Amps: 100
No. of Circuits: 12
Surface/Flush Mount: S
Nema Enclosure Type: 1
Top/Bottom Feed:
Front Type:
AIC Rating:
Manufacturer:
Model:
Section:

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PROJECT# 00152

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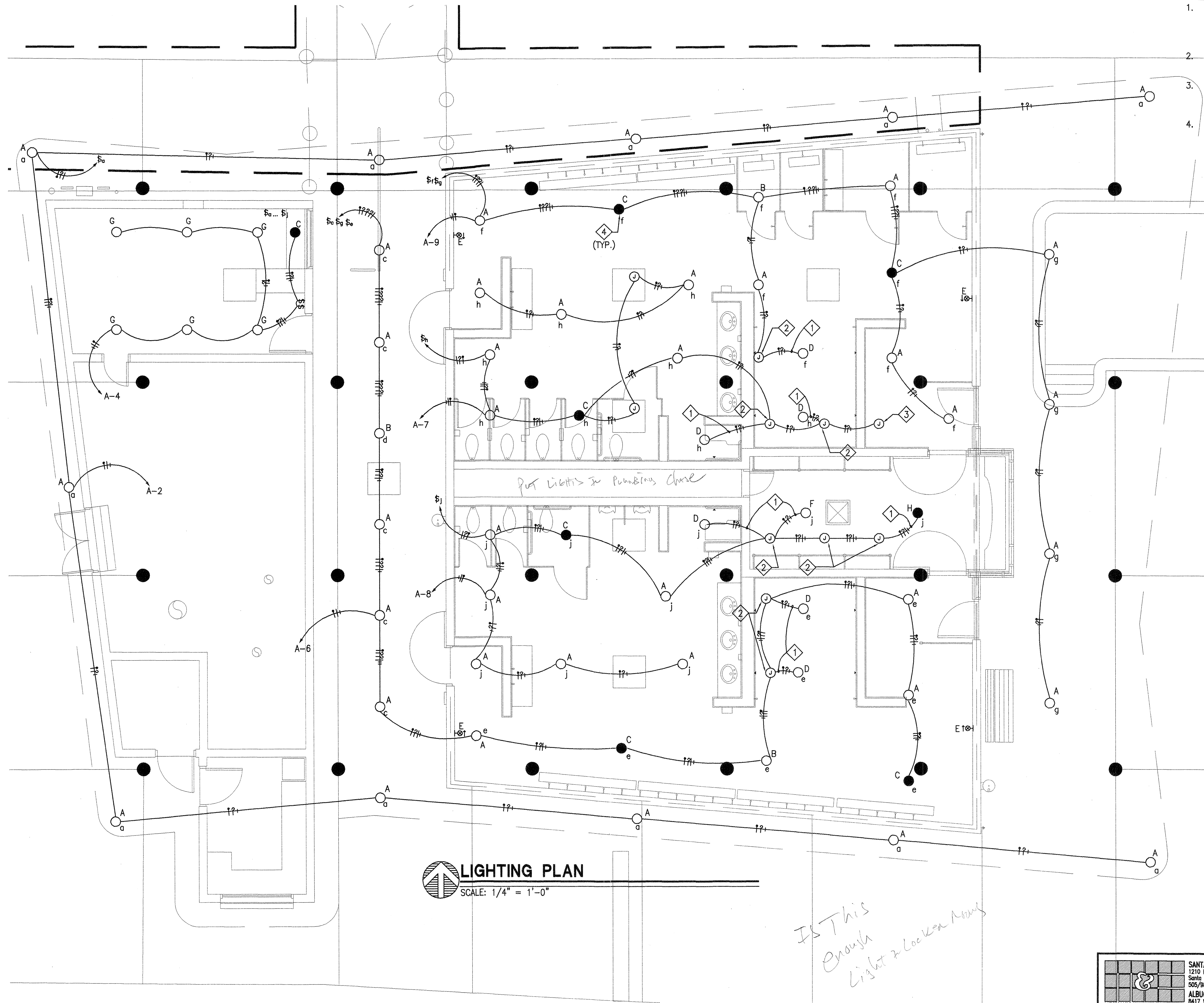
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DESIGN & DEVELOPMENT DIVISION

TITLERIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET:ELECTRICAL DEMOLITION DETAILS

Design Review Committee	City Engineer Approval	NO./DAY/YR.	NO./DAY/YR.
		05/20/02	

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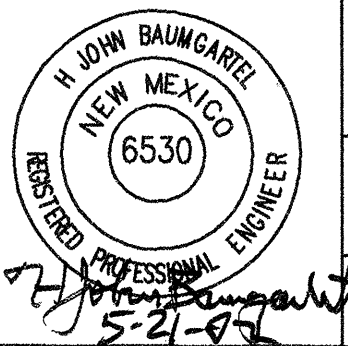


LIGHTING PLAN
SCALE: 1/4" = 1'-0"

*Is This
Enough
Light & Location*

KEYED NOTES: ◇

1. 1/2" RIGID GALVANIZED STEEL CONDUIT WITH INDICATED CONDUCTORS. RUN SURFACE MOUNT ON BOTTOM OF EXISTING CEILING TO CONNECT EXISTING CEILING BOX TO NEW LOCATION FOR INDICATED LIGHT FIXTURES. PAINT TO MATCH CEILING.
2. CONVERT EXISTING CEILING BOX FIXTURES TO J-BOXES. ADD EXTENSION BOX AS NECESSARY TO ALLOW CONDUIT EXTENSION ACROSS CEILING.
3. RUN CONDUCTORS TO EXISTING CEILING BOX FOR POSSIBLE FUTURE USE. CAP CONDUCTORS AND COVER BOX WITH BLANK COVER PLATE. PAINT TO MATCH CEILING.
4. NEW FIXTURE IN EXISTING LOCATION UNLESS CONNECTED TO CONDUIT WITH KEYED NOTE 1.



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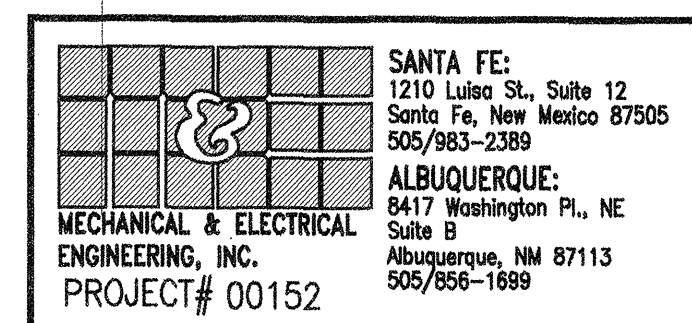
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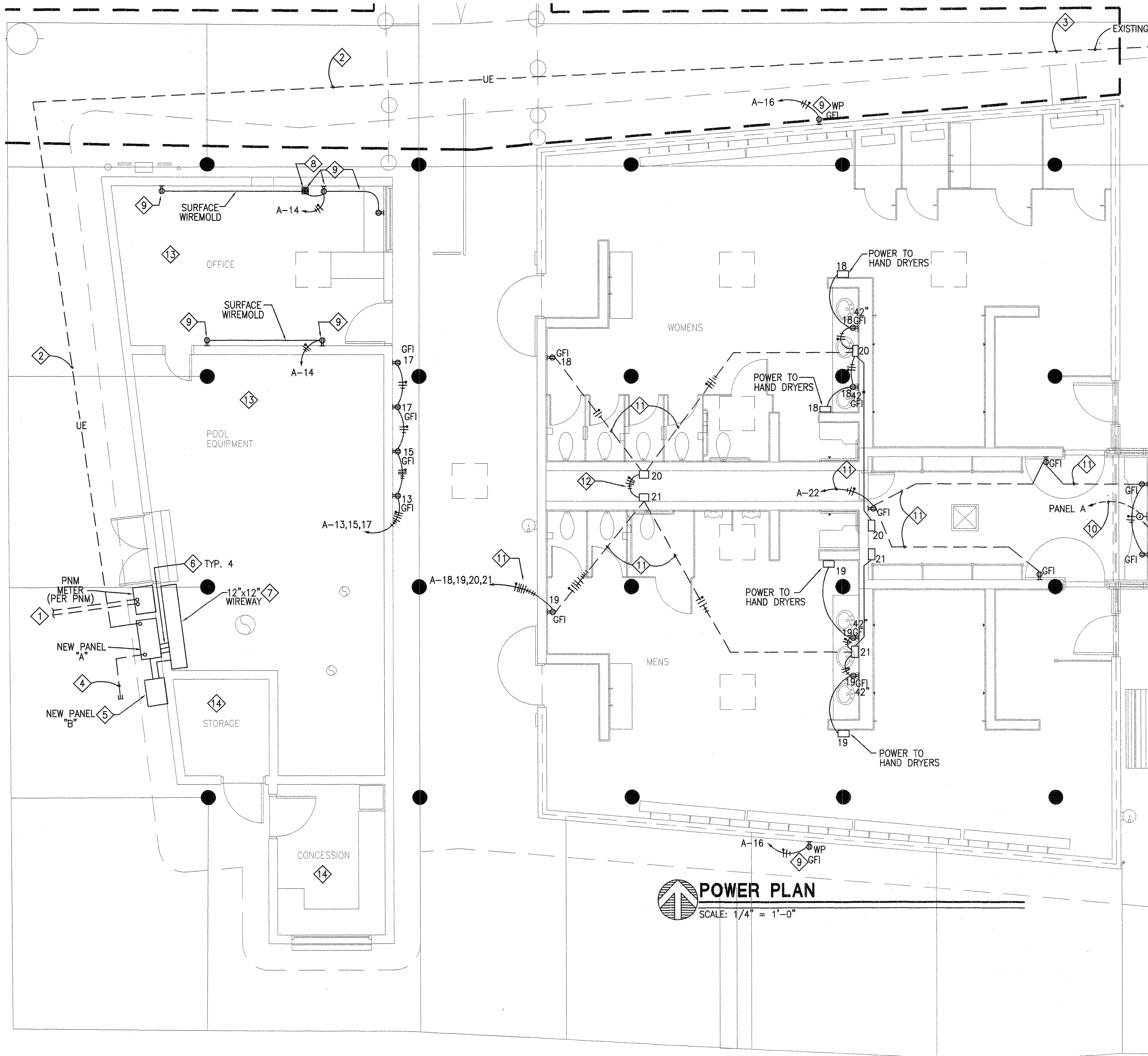
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TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: LIGHTING PLAN

Design Review Committee	City Engineer Approval	NO. / DAY / YR. 05/20/02	NO. / DAY / YR.
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet E101	Of



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POWER PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES: ◇

- 2- 4" SCHEDULE 40 PVC EACH WITH 4-350 KCMIL Cu THHN AND 1- #3/0 AWG Cu THHN GROUND. ALL BENDS GREATER THAN 30 DEGREES SHALL BE IN RIGID GALVANIZED STEEL WRAPPED WITH 20 MIL PVC WRAPPING TAPE AT 75% LAP.
- 1 1/4" SCHEDULE 40 PVC WITH 3-#4 AWG Cu THHN AND 1-#8 AWG Cu GREEN THHN GROUND. ALL BENDS GREATER THAN 30 DEGREES SHALL BE RIGID GALVANIZED STEEL WRAPPED WITH 20 MIL PVC WRAPPING TAPE AT 75% LAP.
- TIE INTO EXISTING CONDUIT TO SMALL POOL PUMP HOUSE AT APPROXIMATELY THIS LOCATION. PULL NEW CONDUCTORS PER KEYED NOTE 2 FOR ENTIRE LENGTH.
- 1-4" SCHEDULE 40 PVC CONDUIT STUBBED TO A READILY ACCESSIBLE, NON-CONCRETE COVERED LOCATION FOR FUTURE FEED TO NEW POOL EQUIPMENT BUILDING, PLUG AND CAP BURIED END TO PREVENT CONDUIT FROM FILLING WITH DIRT AND DEBRIS. MARK LOCATION OF BURIED END WITH STURDY MARKER SUCH AS A SURVEYOR'S MARKER.
- NEW PANEL IN THIS LOCATION TO FEED THE EXISTING POOL EQUIPMENT. WILL BE RELOCATED TO THE NEW POOL EQUIPMENT BUILDING TO FEED THE NEW POOL EQUIPMENT AT A FUTURE DATE.
- 4" NIPPLE TO PROVIDE ACCESS FROM WIREWAY TO PANELS.
- WIREWAY TO ACCOMMODATE EXISTING CONCRETE- ENCASED OR NON-RELOCATABLE CONDUITS. CONDUITS MAY ENTER FROM EITHER TOP OR BOTTOM. SPLICE CONDUCTORS HERE IF NECESSARY AND NOT REPLACED OTHERWISE.
- QUAD IN LOCK BOX ON WALL.
- MOUNT THESE DEVICES IN EXISTING LOCATIONS AND USE EXISTING CONDUITS AS MUCH AS POSSIBLE. PROVIDE AND INSTALL NEW CONDUCTORS AS INDICATED FROM CIRCUIT BREAKERS TO DEVICES.
- 3/4" SCHEDULE 40 PVC. ALL 90 DEGREE BENDS TO BE WRAPPED RIGID GALVANIZED STEEL (PER NOTE 1). CROSS UNDER BREEZEWAY PAVING AT A COMMON LOCATION WITH OTHER TRADES TO MINIMIZE CONCRETE DESTRUCTION. MAY USE ABOVE- GROUND EMT ONCE INTO THE POOL EQUIPMENT ROOM.
- 3/4" SCHEDULE 40 PVC WITH INDICATED #12 AWG Cu THHN AND 1- #10 AWG Cu GREEN THHN GROUND. ALL 90 DEGREE BENDS TO BE WRAPPED IN RIGID GALVANIZED STEEL (PER NOTE 1) CROSS UNDER BREEZEWAY PAVING AT A COMMON LOCATION WITH OTHER TRADES TO MINIMIZE- CONCRETE DESTRUCTION. MAY USE ABOVE GRADE EMT ONCE INTO THE POOL EQUIPMENT ROOM.
- 3/4" EMT WITH 4- #12 AWG Cu THHN AND 1- #10 AWG Cu GREEN THHN GROUND.
- CIRCUITS NOT OTHERWISE SPECIFIED ON DRAWINGS IN THIS PACKAGE TO BE RECONNECTED TO PANEL "A".
- CIRCUITS TO BE RECONNECTED TO PANEL "A".



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**MECHANICAL & ELECTRICAL
ENGINEERING, INC.**
PROJECT# 00152

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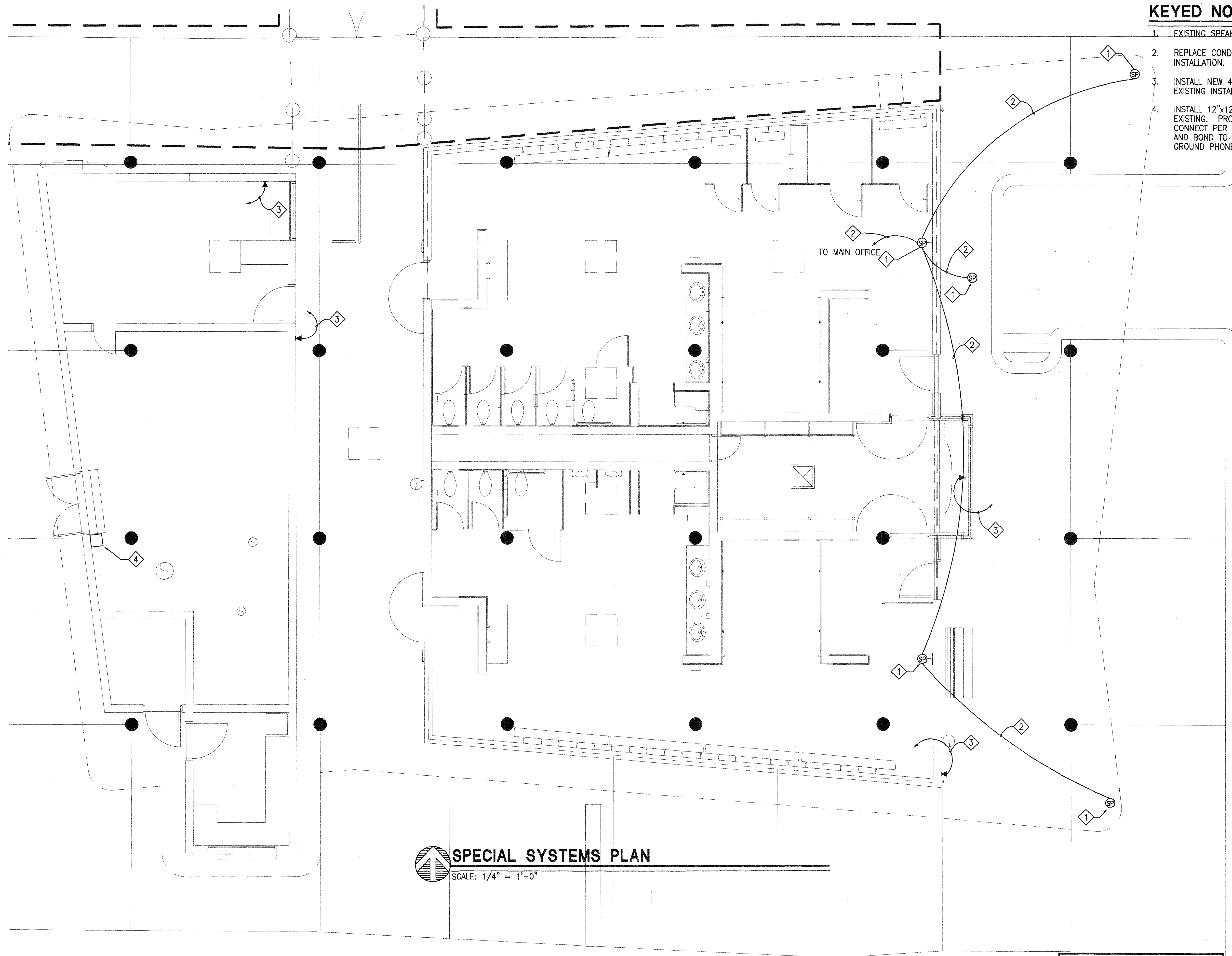
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PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: POWER PLAN

Design Review Committee	City Engineer Approval	NO./DAY/YR. 05/20/02	NO./DAY/YR.
City Project No. 4347.11	Zone Map No. K-13-Z	Sheet No. E102	Of

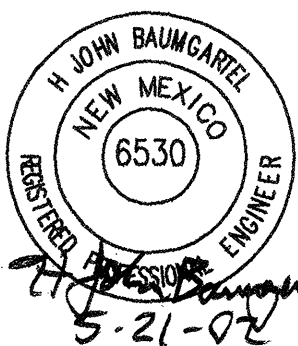


KEYED NOTES:

1. EXISTING SPEAKER IN EXISTING LOCATION TO BE RE-USED.
2. REPLACE CONDUCTORS IN EXISTING CONDUIT PER EXISTING INSTALLATION. RE-CONNECT AND TEST.
3. INSTALL NEW 4 PR TWISTED TELEPHONE CABLE AND RECONNECT PER EXISTING INSTALLATION.
4. INSTALL 12"x12"x8" NEMA 12 BOX WITH BACKPLATE IN PLACE OF EXISTING. PROVIDE AND INSTALL SUITABLE PUNCH DOWN BLOCK. RE-CONNECT PER EXISTING. PROVIDE TERMINAL BLOCK FOR GROUNDING AND BOND TO BUILDING SERVICE ENTRANCE GROUND USING #6 AWG Cu. GROUND PHONE SYSTEM PER QWEST REQUIREMENTS.

SPECIAL SYSTEMS PLAN

SCALE: $1/4" = 1'-0"$



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DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: SPECIAL SYSTEMS PLAN

Design Review Committee	City Engineer Approval	date	MO/DAY/YR. 05/20/02	MO/DAY/YR.
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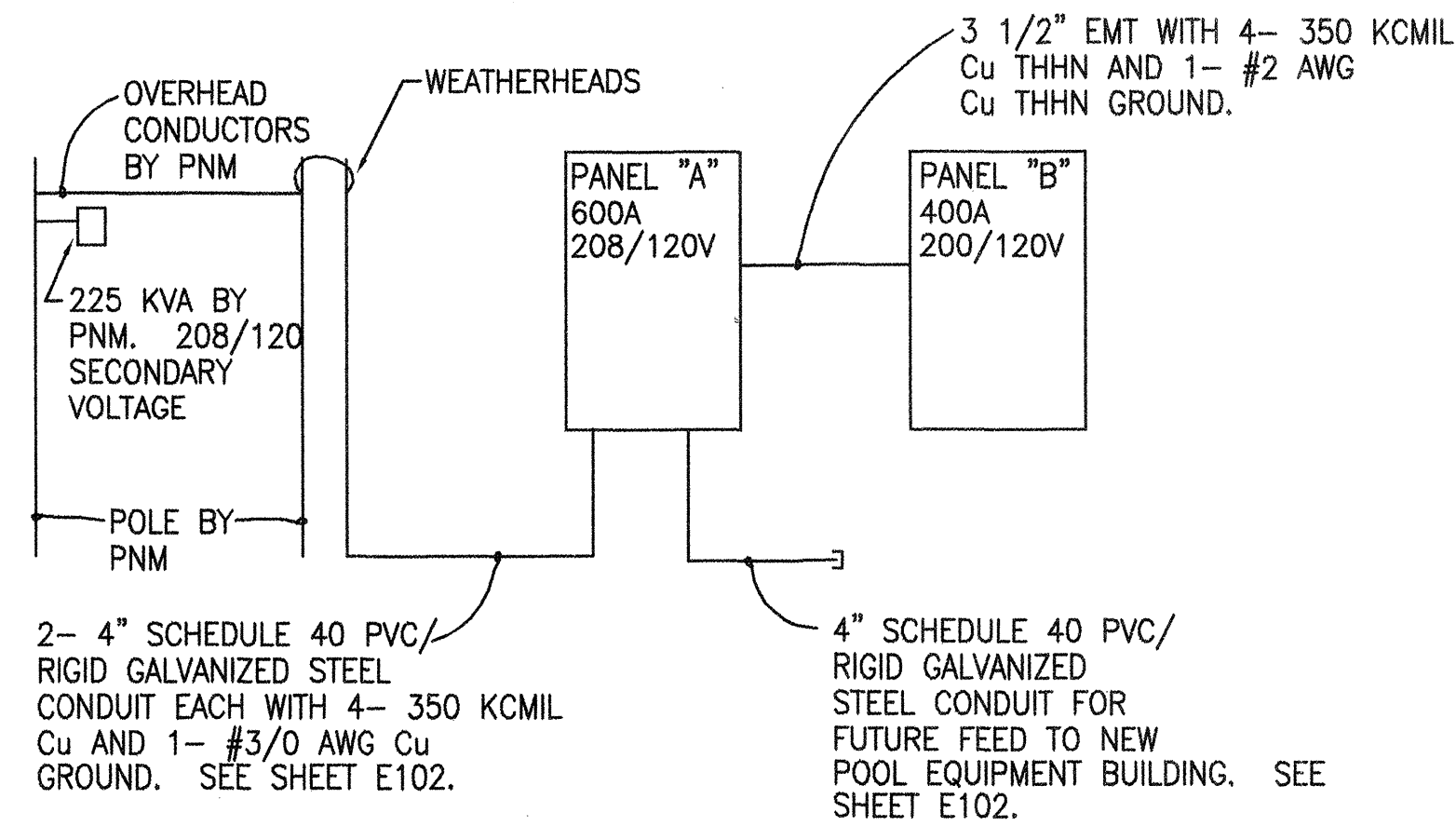
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City Project No.	Zone Map No.	Sheet	Of
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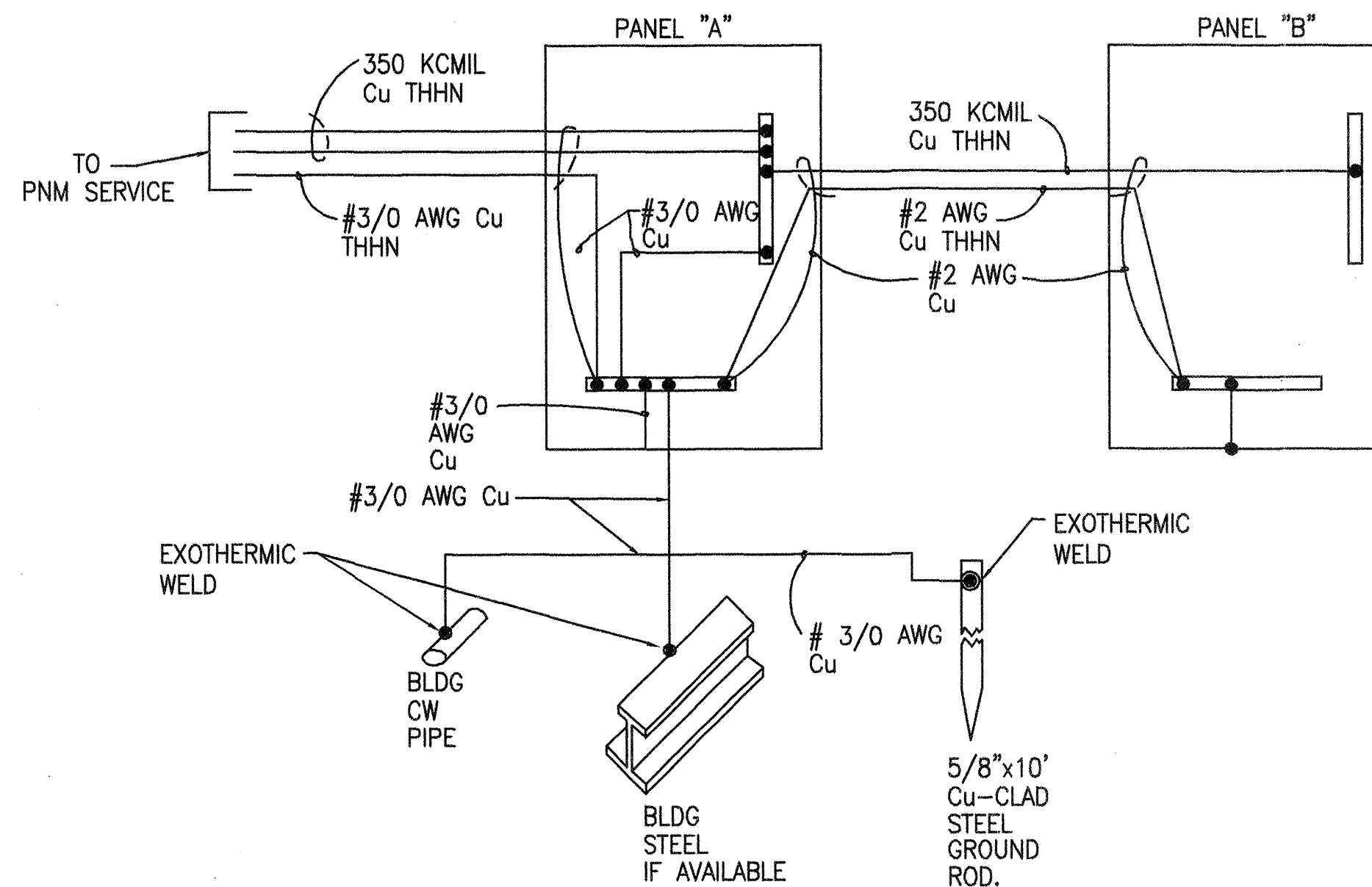
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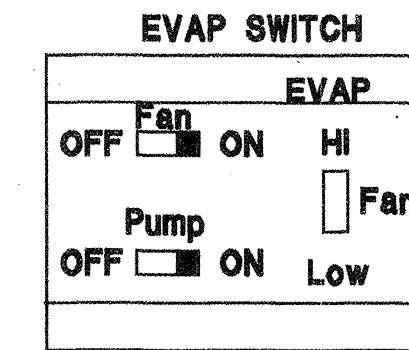
POWER RISER DIAGRAM

SCALE: N.T.S.



GROUNDING PLAN

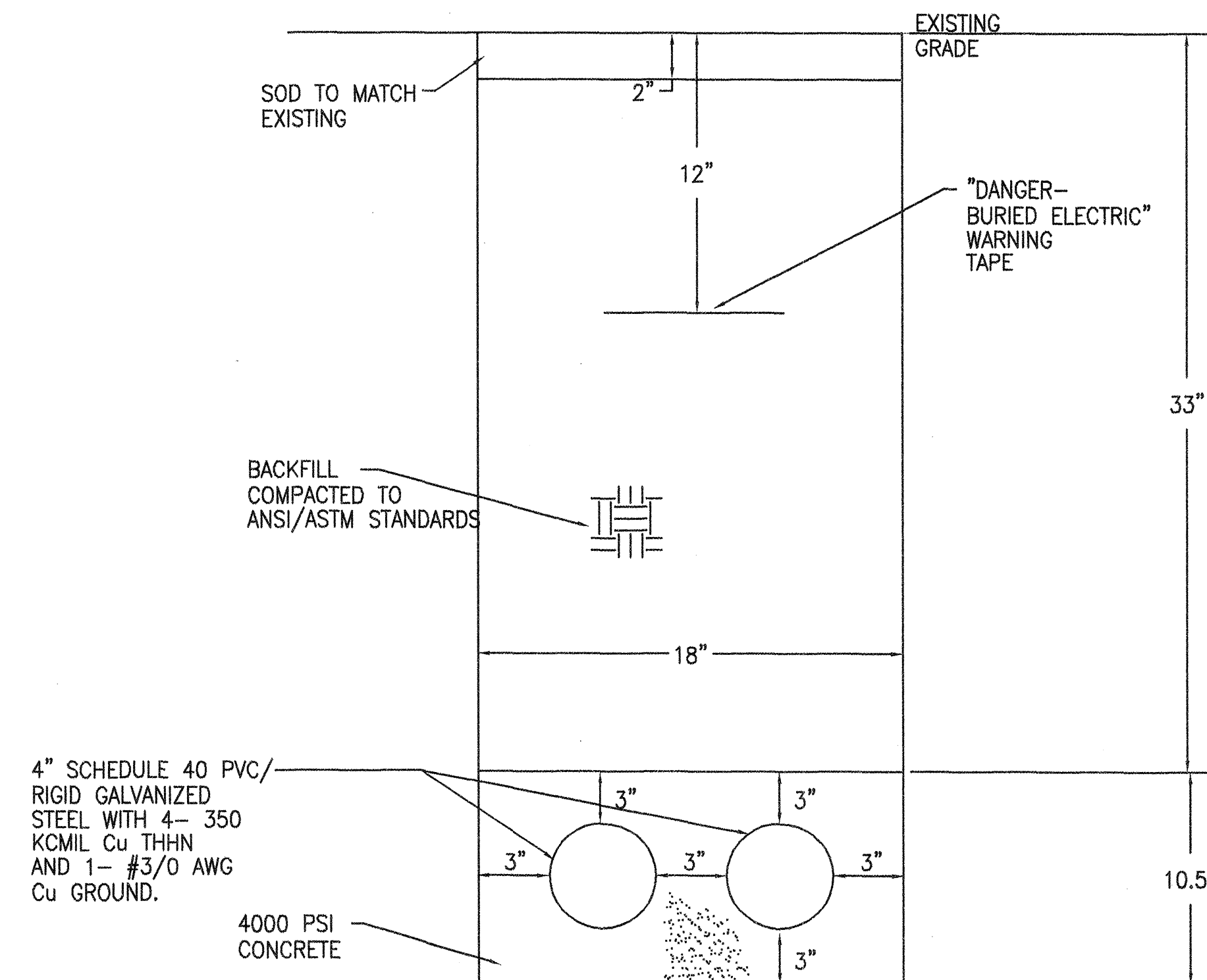
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EVAP SWITCH DETAIL

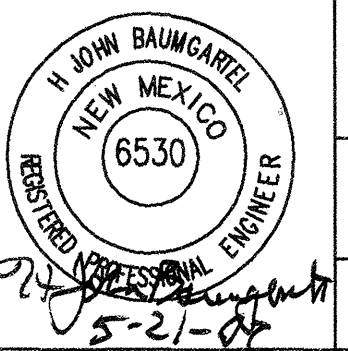
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A SERVICE ENTRANCE TRENCH

E501

SCALE: N.T.S.



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PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION

TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION
SHEET: RISER DIAGRAMS AND DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	NO. / DAY / YR.	NO. / DAY / YR.
			05/20/02	
City Project No.	Zone Map No.	Sheet	Of	
4347.11	K-13-Z	E501		

SANTA FE:
1210 Luisa St., Suite 12
Santa Fe, New Mexico 87505
505/863-2389

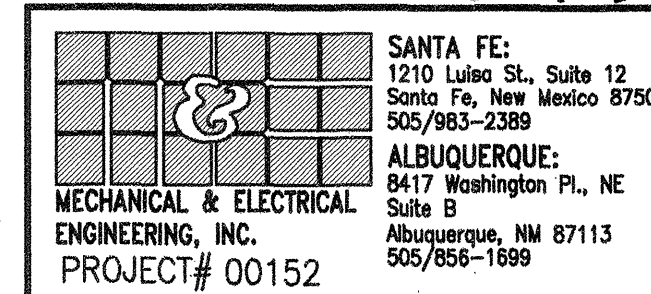
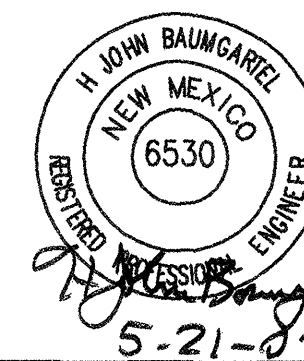
ALBUQUERQUE:
8417 Washington Pl., NE
Suite B
Albuquerque, NM 87113
505/856-1899

MECHANICAL & ELECTRICAL
ENGINEERING, INC.
PROJECT# 00152

A	<p>THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING ALL WORK INDICATED BY THESE DRAWINGS. THIS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES AND MATERIALS IN ADDITION TO PERFORMING ALL OPERATIONS INCLUDING CUTTING, CHANNELING AND UNDERGROUND TRENCHING NECESSARY FOR THE INSTALLATION OF COMPLETE POWER, LIGHTING , OR OTHER SYSTEMS AS SHOWN.</p>	<p>O MAKE ALL MAIN FEEDER CONNECTIONS WITH SOLDERLESS, BOLTED TYPE CONNECTORS AND MAKE SMALLER WIRE SPLICES WITH PRESSURE TYPE CONNECTORS.</p>
B	<p>PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE CODES AND THE CURRENT VERSION OF THE NATIONAL ELECTRICAL CODE (NEC). ALL LOCAL AND AND STATE REQUIREMENTS SHALL BE FOLLOWED DURING THE PERFORMANCE OF THIS WORK.</p>	<p>P INSTALL EXTERIOR WIRING AND DEVICES IN CONDUIT WITH WEATHERPROOF FITTINGS AND IN WEATHERPROOF BOXES. EQUIPMENT SHALL BE RATED FOR EXTERIOR USE.</p>
C	<p>SHOULD THE CONTRACTOR DETECT ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND LEGAL OR SAFETY REQUIREMENTS FOR THE PROJECT, HE SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING. ONCE NOTIFIED THE ENGINEER SHALL MODIFY THE CONTRACT DOCUMENTS ACCORDINGLY. IF THE CONTRACTOR PROCEEDS WITH ANY WORK WHICH IS IN VARIANCE OF ANY DESIGN OR KNOWN LEGAL OR SAFETY REQUIREMENTS, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THIS WORK AND SHALL PROMPTLY CORRECT THE WORK WHEN NOTIFIED WITHOUT ADDITIONAL COST TO THE OWNER.</p>	<p>Q METERING AND ELECTRICAL SERVICE ENTRANCE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE NEC AND LOCAL ELECTRIC UTILITY SYSTEM STANDARDS.</p>
D	<p>FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH DEMOLITION. NO CLAIM FOR ADDITIONAL COST OR TIME EXTENSION WILL BE ALLOWED WITHOUT PROPER NOTICE PLUS PRIOR DETERMINATION OF TIME AND COST TO THE OWNER.</p>	<p>R SIZE ALL BOXES AND ENCLOSURES PER THE NEC. PROVIDE WORKING SPACE FOR ELECTRICAL INSTALLATIONS IN ACCORDANCE WITH NEC, ARTICLE 110.</p>
E	<p>THE DEMOLITION PLAN SHALL BE USED AS A SCHEMATIC GUIDE TO DEMOLITION ONLY. ADDITIONAL DEMOLITION MAY BE REQUIRED TO COMPLETE THE WORK AS INDICATED ON THE DRAWINGS. DEMOLITION REQUIRED TO COMPLETE THE PROJECT WORK, BUT NOT INDICATED, SHALL BE INCLUDED IN THE CONTRACT SUM.</p>	<p>S INSTALL PANEL BOARDS AS INDICATED ON DRAWINGS AND SCHEDULES. PROVIDE CIRCUIT BREAKERS AS REQUIRED. USE "HACR" BREAKERS FOR HEATING/AIR CONDITIONING LOADS AND "SWD" BREAKERS FOR LIGHTING CIRCUITS. PROVIDE GROUND–FAULT– CIRCUIT–INTERRUPTER BREAKERS AS REQUIRED.</p>
F	<p>DURING THE DEMOLITION OR CONSTRUCTION PHASE, ANY DAMAGE ON THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR OR A PARTY TO THE CONTRACTOR SHALL BE REPAIRED PRIOR TO CONTRACT DATE OF SUBSTANTIAL COMPLETION AT NO ADDITIONAL EXPENSE TO THE OWNER.</p>	<p>T MAINTAIN A MINIMUM OF 24 INCH SEPARATION BETWEEN POWER CONDUITS AND SIGNAL CONDUITS IF PRACTICAL. ROUTE CONDUITS TO NOT CROSS EACH OTHER.</p>
G	<p>STOCKPILE ALL REMOVED EQUIPMENT AT THE SITE UNTIL AN INSPECTION BY THE OWNER'S REPRESENTATIVE TO DETERMINE WHAT WILL BE SALVAGED. ALL EQUIPMENT NOT SALVAGED OR RETAINED BY THE CONTRACTOR FOR REUSE WILL BE HAULED OFF THE SITE BY THE CONTRACTOR. STORAGE AREAS WILL BE DETERMINED BY THE OWNER.</p>	<p>U PROVIDE A 20 AMP, 120 VOLT, GFCI PROTECTED RECEPTACLE WITH CAST BOX AND WEATHERPROOF COVER PLATE MOUNTED ONTO A THREADED IMC CONDUIT WITHIN TWENTY–FIVE (25) FEET OF EACH ROOFTOP MECHANICAL UNIT.</p>
H	<p>PERFORM ALL DEMOLITION IN ACCORDANCE WITH THESE DRAWINGS AND THE ELECTRICAL SPECIFICATIONS.</p>	<p>V PROVIDE MOTOR CONTROLS FOR ALL MOTORS INDICATED ON DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.</p>
I	<p>ENSURE THAT ALL MECHANICAL UNITS ACTUALLY INSTALLED AS PART OF THIS JOB HAVE REQUIRED POWER AND CONTROLS AS PART OF THIS DESIGN. CONTACT ELECTRICAL ENGINEER IF ANY DISCREPANCIES ARE FOUND.</p>	<p>PROVIDE SUITABLE MOTOR STARTERS AND CONTROLLERS AS REQUIRED BY THE MOTOR MANUFACTURERS AND APPLICABLE CODES.</p>
J	<p>EXTEND ALL CONDUIT AND CONDUCTORS, INSTALL ELECTRICAL EQUIPMENT AS NECESSARY, AND MAKE ALL FINAL CONNECTIONS TO MECHANICAL AND OWNER FURNISHED EQUIPMENT. LEAVE ALL EQUIPMENT IN OPERABLE CONDITION WITH APPROPRIATE OVERLOAD AND SERVICE DISCONNECT PROTECTION AS REQUIRED BY THE APPLICABLE CODES. FOLLOW MANUFACTURER INSTALLATION GUIDELINES WHERE APPLICABLE.</p>	<p>PROVIDE SWITCHES AND OTHER DEVICES AS REQUIRED FOR THE MANUAL OR AUTOMATIC CONTROL OF THE MOTOR.</p>
K	<p>ALL CONDUCTORS SHALL BE COPPER, RATED FOR 600 VOLTS WITH TYPE THHN/THWN, 90 DEGREE INSULATION UNLESS OTHERWISE INDICATED. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR POWER CIRCUITS. CONDUCTORS SHALL BE SOLID FOR #12 AWG AND STRANDED FOR #10 AWG OR LARGER. ALL WIRING SHALL BE RUN IN CONDUIT INCLUDING LOW VOLTAGE CONTROL WIRING. SIGNAL WIRING MAY BE RUN IN PVC CONDUIT OR PVC FLEXIBLE TUBING.</p>	<p>FOR MOTORS LESS THAN 1/2 HORSEPOWER, MECHANICAL SHALL PROVIDE SINGLE POLE, THERMAL OVERLOAD, SWITCH TYPE STARTER SIZE OVERLOADS FOR THE PARTICULAR MOTOR CONTROLLED. FURNISH THERMAL OVERLOAD SWITCHES COMPLETE WITH NEMA CLASS 1 ENCLOSURES, PILOT LIGHTS AND OTHER DEVICES AS INDICATED ON DRAWINGS. NEMA 3R FOR OUTDOOR EQUIPMENT. INDICATED ON DRAWINGS. NEMA 3R FOR OUTDOOR EQUIPMENT.</p>
L	<p>CONDUCTORS SHALL BE COLOR–CODED AS FOLLOWS USING MEANS APPROVED BY THE NEC AND/OR THE AUTHORITY HAVING JURISDICTION.</p>	<p>FOR MOTORS 1/2 HORSEPOWER OR GREATER, PROVIDE COMBINATIONAL MAGNETIC ACROSS THE LINE TYPE STARTER WITH DISCONNECT SAFETY SWITCH, FUSED OR NON–FUSED, AS INDICATED ON DRAWINGS.</p>
		<p>STARTERS SHALL BE INDIVIDUALLY EQUIPPED WITH CONTROL CIRCUIT TRANSFORMERS AND OPERATING COILS TO PERMIT 120 VOLT CONTROL CIRCUIT OPERATION. PROVIDE FUSES ADEQUATELY SIZED TO PROTECT THE CONTROL CIRCUITS.</p>
		<p>EACH MAGNETIC STARTER SHALL BE FURNISHED WITH FULL OVERLOAD PROTECTION AND LOW VOLTAGE PROTECTION AS REQUIRED.</p>
		<p>PROVIDE TWO SETS OF NORMALLY OPEN AND NORMALLY CLOSED AUXILIARY CONTACTS WITH EACH STARTER.</p>
		<p>PROVIDE OVERVOLTAGE/UNDERVOLTAGE AND SINGLE PHASE PROTECTION FOR THREE PHASE MOTORS GREATER THAN 20 HORSEPOWER.</p>
		<p>W AFTER COMPLETION OF THE INSTALLATION, THE ENTIRE SYSTEM SHALL BE THOROUGHLY CLEANED. REMOVE ALL FOREIGN MATTER, PAINT, OIL, DIRT, GREASE, UNEEDED LABELS OR STICKERS FROM FIXTURES AND EQUIPMENT. REMOVE ALL RUBBISH AND DEBRIS ACCUMULATED DURING INSTALLATION FROM THE PREMISES AND DISPOSE OF PROPERLY IN ACCORDANCE WITH LOCAL REGULATIONS.</p>
		<p>X SUPPORT ALL CONDUIT FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM VENTILATION DUCTS, MECHANICAL PIPING, SUSPENDED CEILING GRIDS, OR THEIR HANGERS. USE ACCEPTABLE METHODS OF SUPPORT.</p>

	208/120 VAC
PHASE A	BLACK
PHASE B	RED
PHASE C	BLUE
GROUND CONDUCTOR/ NEUTRAL	WHITE
GROUND	GREEN
ISOLATED GROUND	GREEN/ YELLOW TRACER

X SUPPORT ALL CONDUIT FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM VENTILATION DUCTS, MECHANICAL PIPING, SUSPENDED CEILING GRIDS, OR THEIR HANGERS. USE ACCEPTABLE METHODS OF SUPPORT.



<h1 style="margin: 0;">Kells & Craig</h1> <p>400 Gold SW Suite 880 Albuquerque, New Mexico 87102</p>	<h2 style="margin: 0;">Architects, Inc. AIA</h2> <p style="text-align: right;">(505) 243-2722</p>								
<p>CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION</p>									
<p>TITLE: RIO GRANDE POOL-BATH HOUSE RENOVATION</p> <p>SHEET: NOTES AND SCHEDULES</p>									
<p>Design Review Committee</p>	<p>City Engineer Approval</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Last Design Update</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px 5px;">MO / DAY / YR</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">05 / 20 / 02</td> </tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> </tbody> </table>	MO / DAY / YR	05 / 20 / 02				
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<p>City Project No.</p>	<p>Zone Map No.</p>	<p>Sheet</p>	<p>Of</p>						
4347.11	K-13-Z	E601							

LIGHT FIXTURE SCHEDULE			
FIXTURE ID	FIXTURE DESCRIPTION	Manufacturer And Catalog Number	Mount
A	METAL HALIDE FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; 4 KV RATED HID SOCKET; STANDARD DUAL TAP HPF BALLAST FOR 277/120V OPERATION; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH.	FAIL-SAFE/COOPER LIGHTING RDS-12-70MH-DT-BK-P-F1-L	SURFACE
B	METAL HALIDE FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; 4 KV RATED HID SOCKET; STANDARD DUAL TAP HPF BALLAST FOR 277/120V OPERATION; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH; WITH QUARTZ RESTRIKE (PROVIDE LAMP AND 10% EXTRA TO OWNER).	FAIL-SAFE/COOPER LIGHTING RDS-12-70MH-DT-BK-P-F1-L-Q	SURFACE
C	COMPACT FLOURESCENT FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE; CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; SOCKET THAT ENSURES PROPER LAMPING AND LAMP RETENTION; ELECTRONIC 120/277V BALLAST; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH; WITH EMERGENCY BATTERY PACK.	FAIL-SAFE/COOPER LIGHTING RDS-12-42CT-DT-BK-P-EM-F1-L	SURFACE
D	METAL HALIDE FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; 4 KV RATED HID SOCKET; STANDARD DUAL TAP HPF BALLAST FOR 277/120V OPERATION; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH; BACKBOX WITH 3 SIDE CONDUIT TAPS AND PLUGS.	FAIL-SAFE/COOPER LIGHTING RDS-12-70MH-DT-BK-P-F1-L-SC	SURFACE
E	EXIT LIGHT; 6" HIGH LETTERS; SURFACE MOUNT; FIELD SELECTABLE DIRECTIONAL ARROWS; NO ELECTRICAL ENERGY SOURCE REQUIRED; INITIAL BRIGHTNESS OF 0.15 FLAMBERTS; HIGH IMPACT RESISTANT ABS FIRE RESISTANT PLASTIC; 20 YR LIFE; ALUMINUM FRAME COLOR; SINGLE FACE; GREEN LEGEND COLOR; SECURITY COVER; WIRE GUARD.	SRB TECHNOLOGIES 171-20-AL-S-GN-WG-SC	SURFACE
F	METAL HALIDE FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; 4 KV RATED HID SOCKET; STANDARD DUAL TAP HPF BALLAST FOR 277/120V OPERATION; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH; BACKBOX WITH 3 SIDE CONDUIT TAPS AND PLUGS; WITH QUARTZ RESTRIKE (PROVIDE LAMP AND 10% EXTRA LAMPS TO OWNER).	FAIL-SAFE/COOPER LIGHTING RDS-12-70MH-DT-BK-P-F1-L-Q-SC	SURFACE
G	COMPACT FLOURESCENT FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE; CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; SOCKET THAT ENSURES PROPER LAMPING AND LAMP RETENTION; ELECTRONIC 120/277V BALLAST; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH.	FAIL-SAFE/COOPER LIGHTING RDS-12-42CT-DT-BK-P-F1-L	SURFACE
H	COMPACT FLOURESCENT FIXTURE; SURFACE MOUNT; 12" ROUND; UL LISTED FOR WET LOCATIONS; RELAMPING HOOK; POLYCARBONATE LENS; ARC TUBE; CENTERED WITHIN FIXTURE; DICAST BACK HOUSING OF MARINE GRADE ALUMINUM; SOCKET THAT ENSURES PROPER LAMPING AND LAMP RETENTION; ELECTRONIC 120/277V BALLAST; RECESSED TORX SCREW FASTENERS; FUSED FOR 120V OPERATION; INCLUDE LAMP; PROVIDE 10% EXTRA LAMPS TO OWNER; BLACK EXTERIOR FINISH; WITH EMERGENCY BATTERY PACK; BACKBOX WITH 3 SIDE CONDUIT TAPS AND PLUGS.	FAIL-SAFE/COOPER LIGHTING RDS-12-42CT-DT-BK-P-EM-F1-L-SC	SURFACE

ELECTRICAL EQUIPMENT LIST		
Equipment ID	EQUIPMENT DESCRIPTION	Manufacturer And Catalog Number
PANEL A	PANELBOARD; 240VAC; 60HZ; 4 WIRE + GROUND; 600A MAINS; 600A MAIN BREAKER; UL LISTED AS 'SUITABLE FOR USE AS SERVICE ENTRANCE'; COPPER BUSES; COPPER NEUTRAL; COPPER GROUND BAR; LUGS SUITABLE FOR 500 KCMIL CU; BOTTOM FED; NEMA 3R DOOR-IN-DOOR ENCLOSURE; SURFACE MOUNT; 5 FT. WIDE BY 2 FT. DEEP x8 FT. MAX SIZE ENCLOSURE PROVIDING SPACE FOR 42 1-POLE BREAKERS PLUS MAIN BREAKER; MAIN 22000AIC @ 208VAC; LIGHTNING ARRESTORS ON EACH PHASE AND NEUTRAL TO GROUND. BREAKERS: AS LISTED IN PANEL SCHEDULE AND/OR ON DRAWINGS; NO SERIES RATINGS; BOLT-ON.	SQUARE D. TYPE NOOD.
PANEL B	PANELBOARD; 240VAC; 60HZ; 4 WIRE + GROUND; 400A MAINS; MAIN LUG ONLY; UL LISTED AS SUITABLE FOR USE AS SERVICE ENTRANCE; COPPER BUSES; COPPER NEUTRAL; COPPER GROUND BAR; BOTTOM FED; NEMA 3R DOOR-IN-DOOR ENCLOSURE; SURFACE MOUNT. SPACE FOR 42 1-POLE BREAKERS; 22000AIC @ 208VAC. BREAKERS: AS LISTED IN PANEL SCHEDULE AND/OR DRAWINGS; NO SERIES RATING; BOLT-ON.	SQUARE D. TYPE NOOD.

PANEL 'A'													
Equipment ID: 1	Voltage:	208	Main	Amps:	600	Main Breaker	Amps:	600	3 Phase/4 Wire + Ground				
Load Description	Brkr Size	Poles	Ckt #	Cat #	Phase A Load	Phase B Load	Phase C Load	Cat #	Ckt #	Poles	Brkr Size	Load Description	
PANEL 'B'	300	3	1	4	20800 1920				1	2	1	20	BLDG LITES
			3	4		20800 1920		1	4	1	20	BLDG LITES	
			5	4			20800 1920	1	6	1	20	BLDG LITES	
BLDG LITES	20	1	7	1	1920 1920			1	8	1	20	BLDG LITES	
BLDG LITES	20	1	9	1		1920		1	10	1	20	BLDG LITES	
BLDG LITES	20	1	11	1			1920 1920	1	12	1	20	BLDG LITES	
VEND REC	20	1	13	2	1440 1440			2	14	1	20	OFFICE REC	
VEND REC	20	1	15	2		1440 1440		2	16	1	20	OUTSIDE REC	
VEND REC	20	1	17	2			1440 1440	2	18	1	20	F CHANGE REC	
M CHANGE REC	20	1	19	2	1440 960			2	20	1	20	F VALVE POWER	
M VALVE POWER	20	1	21	2		960 1440		3	22	1	20	BAG RM REC/EC	
OFFICE EVAP.	20	1	23	2			1560 1920	2	24	1	20	MISC OFFICE	
SPARE	20	1	25	2	1560 700			2	26	1	20	EXHAUST FANS (SWD)	
MISC EQ RM	20	1	27	2		1440 1920		2	28	1	20	HOT WATER	
CONC. PWR	20	1	29	2			1440 960	2	30	1	20	SPRINKLER/ STRANITROL	
SUMP 1	60	3	31	3	7205 7205			3	32	3	60	SUMP 2	
			33	3		7205 7205		3	34				
			35	3			7205 7205	3	36				
POLE FLOOD LITES	30	1	37	1	2880 7205			3	38	3	60	WADING POOL	
POLE FLOOD LITES	30	1	39	1		2880 7205		3	40				
POLE FLOOD LITES	30	1	41	1			2880 7205	3	42				

Load Category	Connected	Dmrd %	Demand	Feeder Size	Load
1.) Lighting	25920	1.25	32400	Connected KW	178.11
2.) Receptacles	10000	1	10000	Demand KW	183.24
	13500	0.5	6750	Connected Amps	495
3.) Motor	21615	1.25	27018.75	Demand Amps	509
	44670	1	44670		
4.) Sub - Panels	62400	1	62400		
Total	178105		183238.75		

PANEL 'B'													
Equipment ID: 2	Voltage:	208	Main	Amps:	400	Main Breaker	Amps:	MLO	3 Phase/4 Wire + Ground				
Load Description	Brkr Size	Poles	Ckt #	Cat #	Phase A Load	Phase B Load	Phase C Load	Cat #	Ckt #	Poles	Brkr Size	Load Description	
EXISTING 20 HP POOL PUMP	140	3	1	3	8985 5548			3	2	3	120	EXISTING 10 HP MOTOR	
			3	3		8985 5548		3	4				
			5	3			8985 5548	3	6				
FUTURE USE	20	3	7	3	793 8406			4	8	3	70	CONCESSION STAND POWER	
			9	3		793 8406		4	10				
			11	3			793 8406	4	12				
FUTURE USE	20	1	13	2	1920 1920			2	14	1	20	FUTURE USE	
FUTURE USE	20	1	15	2		1920 1920		2	16	1	20	FUTURE USE	
FUTURE USE	20	1	17	2			1920 1920	2	18	1	20	FUTURE USE	
FUTURE USE	20	1	19	1	1920 1920			1	20	1	20	FUTURE USE	
FUTURE USE	20	1	21	1		1920 1920		1	22	1	20	FUTURE USE	
FUTURE USE	20	1	23	1			1920 1920	1	24	1	20	FUTURE USE	
FUTURE USE	20	1	25	3	1940 1920			3	26	1	20	FUTURE USE	
FUTURE USE	20	1	27	1		1920 1440		2	28	1	20	FUTURE USE	
FUTURE USE	20	1	29	1			1920 1440	2	30	1	20	FUTURE USE	
SPARE	20	1	31	2	1440 1440			2	32	1	20	SPARE	
SPARE	20	1	33	2		1440 1440		2	34	1	20	SPARE	
SPACE			35						36			SPACE	
SPACE			37						38			SPACE	
SPACE			39						40			SPACE	
SPACE			41						42			SPACE	

Load Category	Connected	Dmd %	Demand	Feeder Size	Load
1.) Lighting	15360	1.25	19200	Connected KW	110.56
2.) Receptacles	10000		10000	Demand KW	116.05
	10160	0.5	5080	Connected Amps	307
3.) Motor	26955	1.25	33683.75	Demand Amps	323
	22863	1	22863		
4.) Sub - Panels	25218	1	25218		
Total	110556		116054.75		

[illegible]

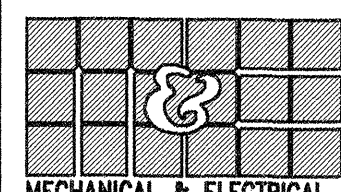
400 Gold SW
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Design Review Committee	City Engineer Approval	Update	MO/DAY/YR. 05/20/02	MO/DAY/YR.
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		Last Design U			

City Project No. 4347.11	Zone Map No. K-13-Z	Sheet E602	Of
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