

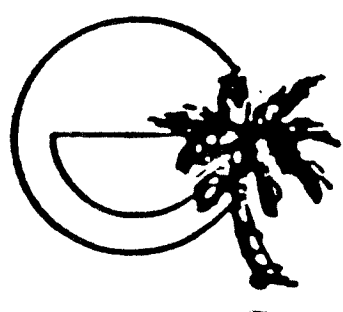
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

WATER SYSTEMS FACILITIES
LANDSCAPE IMPROVEMENTS
PHASES I AND II

WATER SYSTEMS CENTRAL CONTROL LANDSCAPE

CONSULTANTS

Trujillo/Lujan & Associates, P.A., Architects
Leedshill-Herkenhoff, Civil Engineers
Telcon Engineering, Electrical Engineers
Four Seasons Engineering, Ltd., Mechanical Engineers
Randy Holt & Associates, Structural Engineers



MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

INDEX OF DRAWINGS

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E-2	Communications Loop / C.O. #5

NOTE:

All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the City of Albuquerque Interim Standard Specifications for Public Works Construction, 1985.

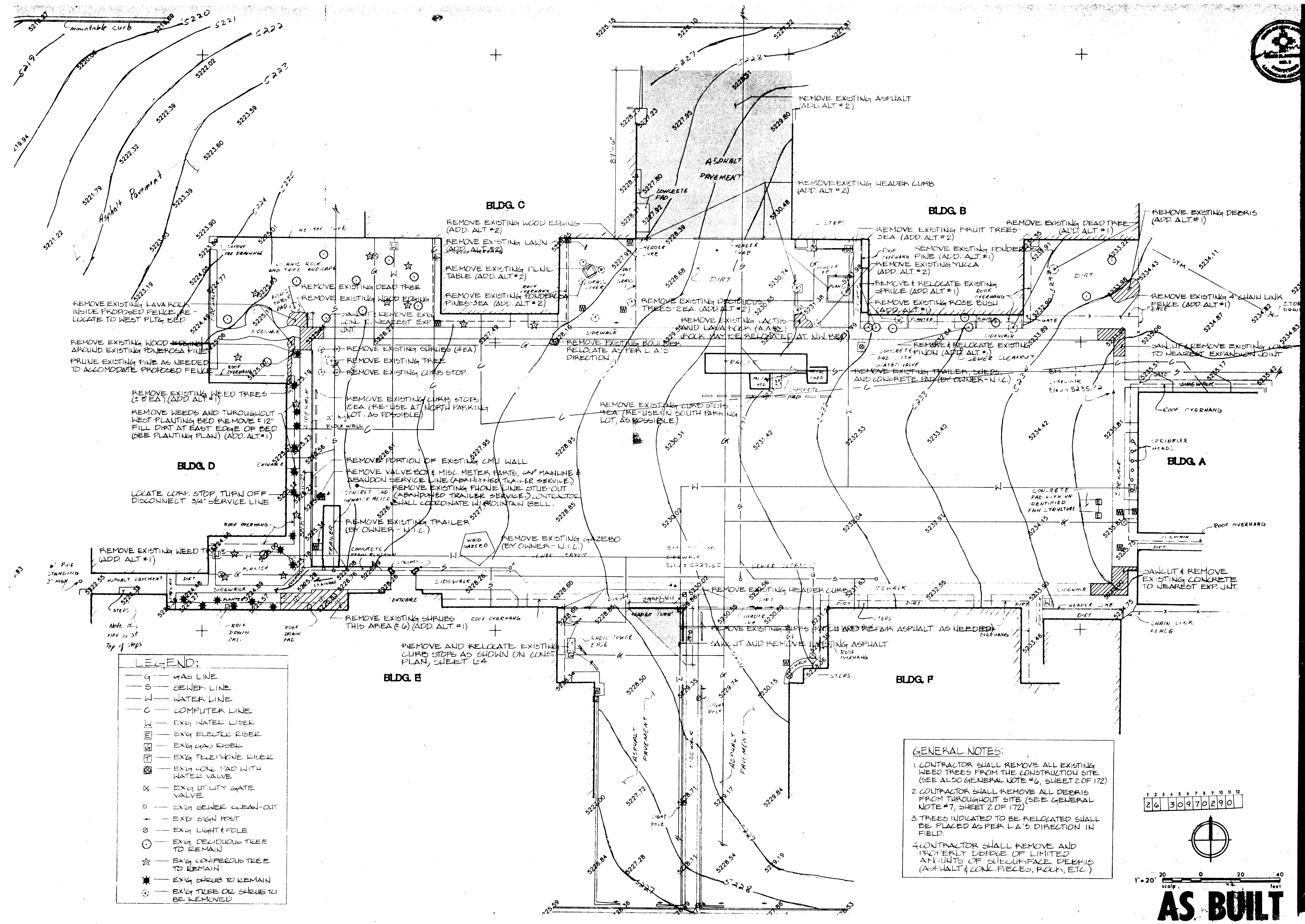
Work detailed on these plans is part of the original Contract Document for Project No. 3097. The General Notes, Irrigation Notes, and Planting Notes on Sheet 2 of 172 apply to these plans in full, except General Note #2, and Planting Note #2. Details on Sheets 170 thru 172 apply to these plans also.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	0	9	7	0	1	9	0		

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 10/26/87

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		
TITLE: WATER SYSTEMS CENTRAL CONTROL LANDSCAPE		
APPROVED: <i>Gene Koyl</i> 10/26/87		
PROJECT NO. 3097	MAP NO. D-18	COVER SHEET

OCTOBER 1987
AS BUILT

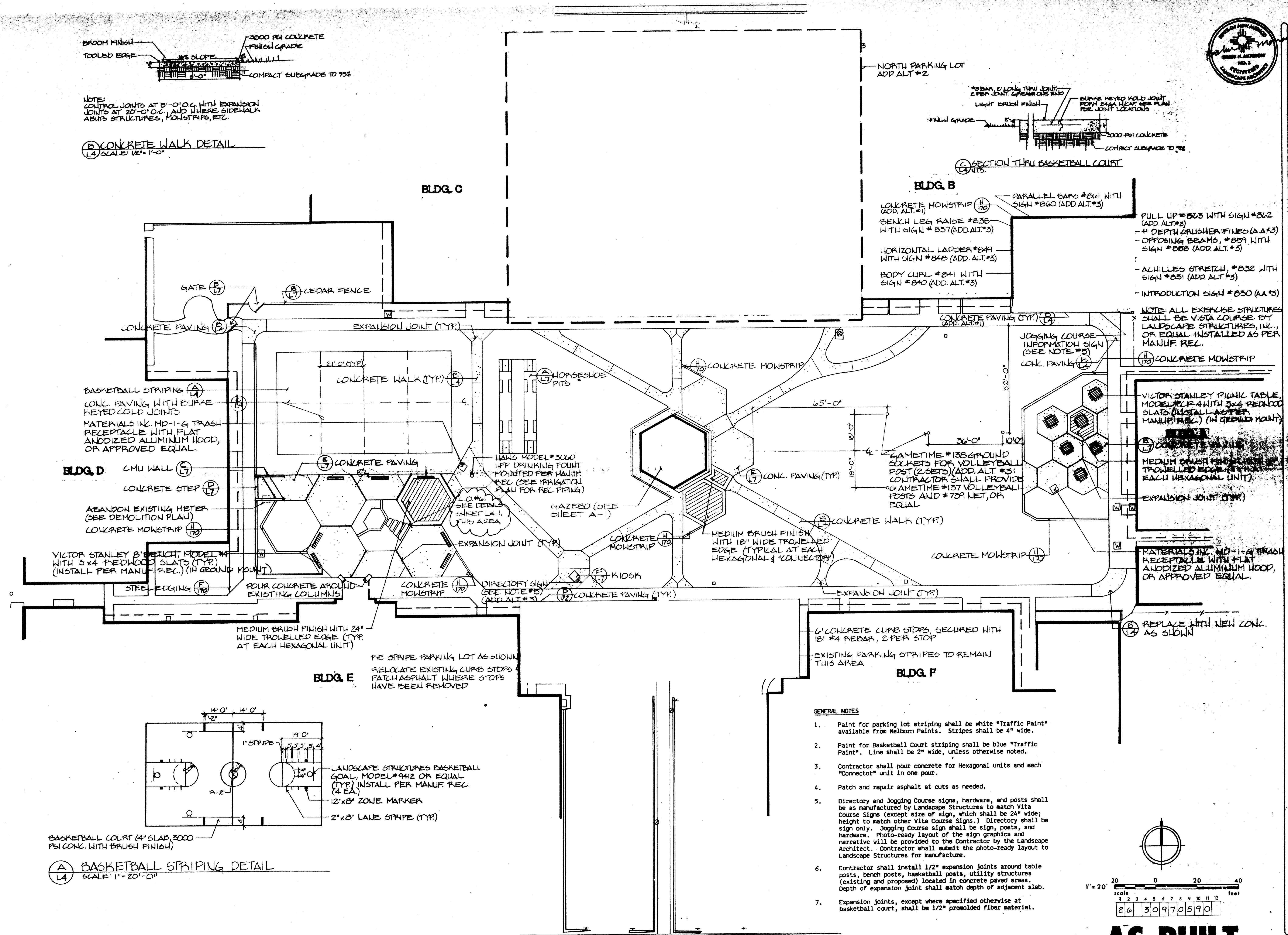


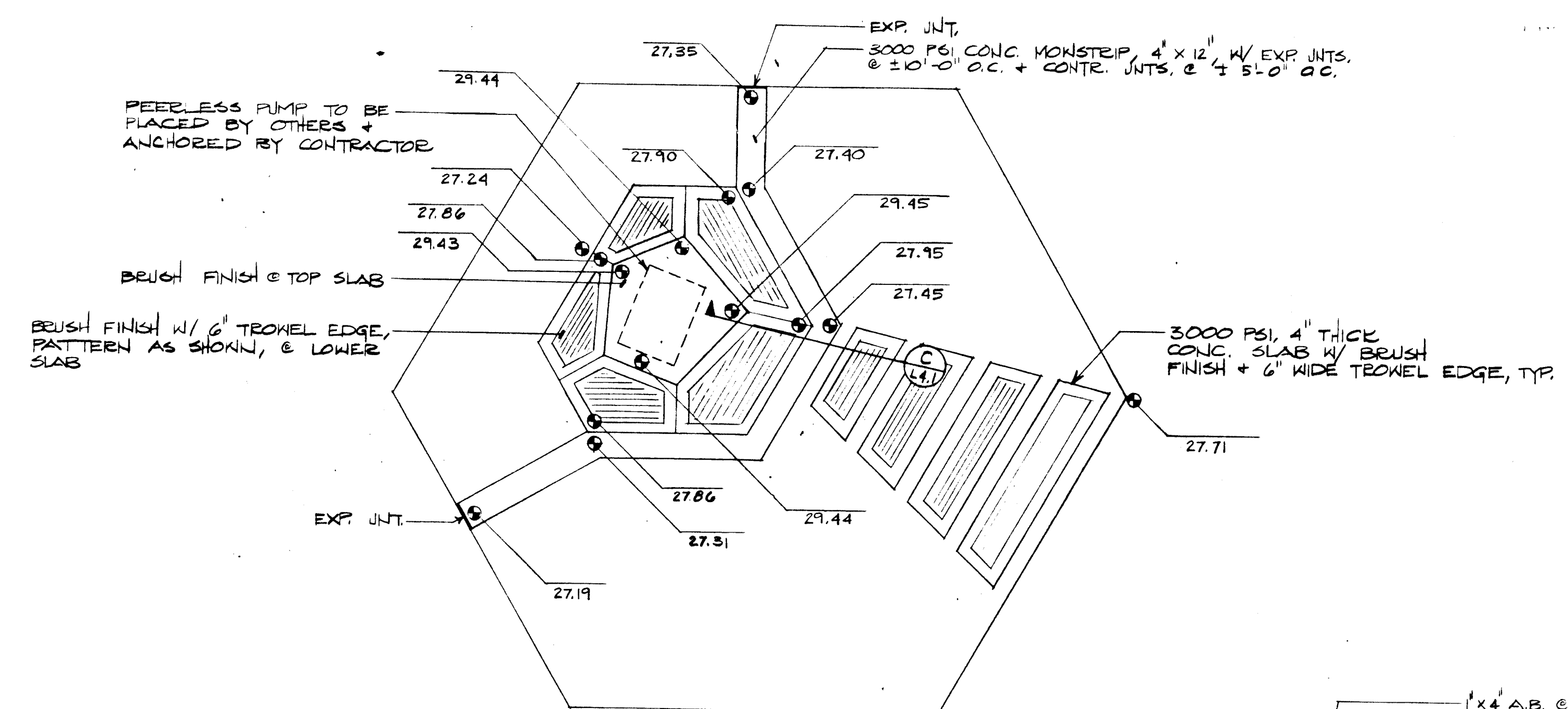
MORROW & COMPANY, LTD.
LANDSCAPE ARCHITECTS
2101 GARDEN DRIVE, N.E.
ALBUQUERQUE, NEW MEXICO 87108
505-298-2288

WATER CENTRAL CONTROL
6601 PINK ROAD, N.E.
ALBUQUERQUE, NEW MEXICO 87108
505-298-2288

LANDSCAPING IMPROVEMENTS FOR WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

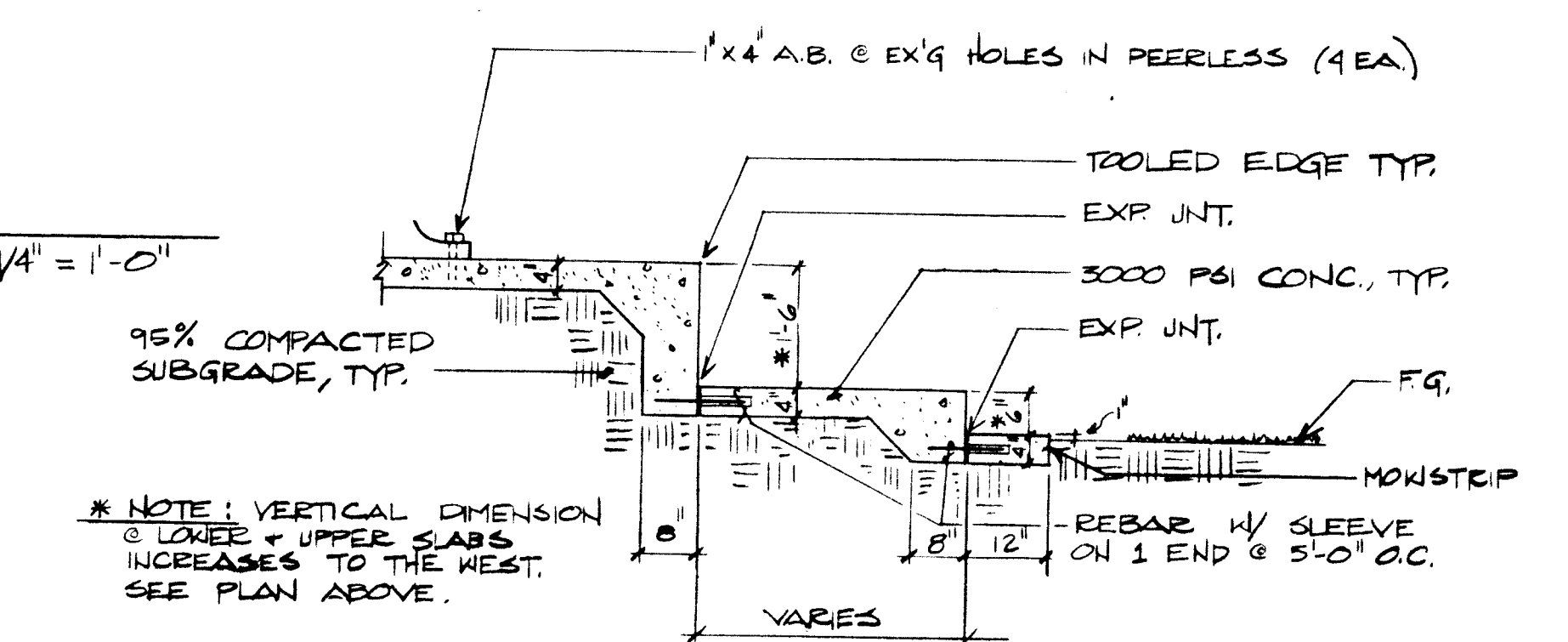
SHEET
L1





(A) CONSTRUCTION PLAN

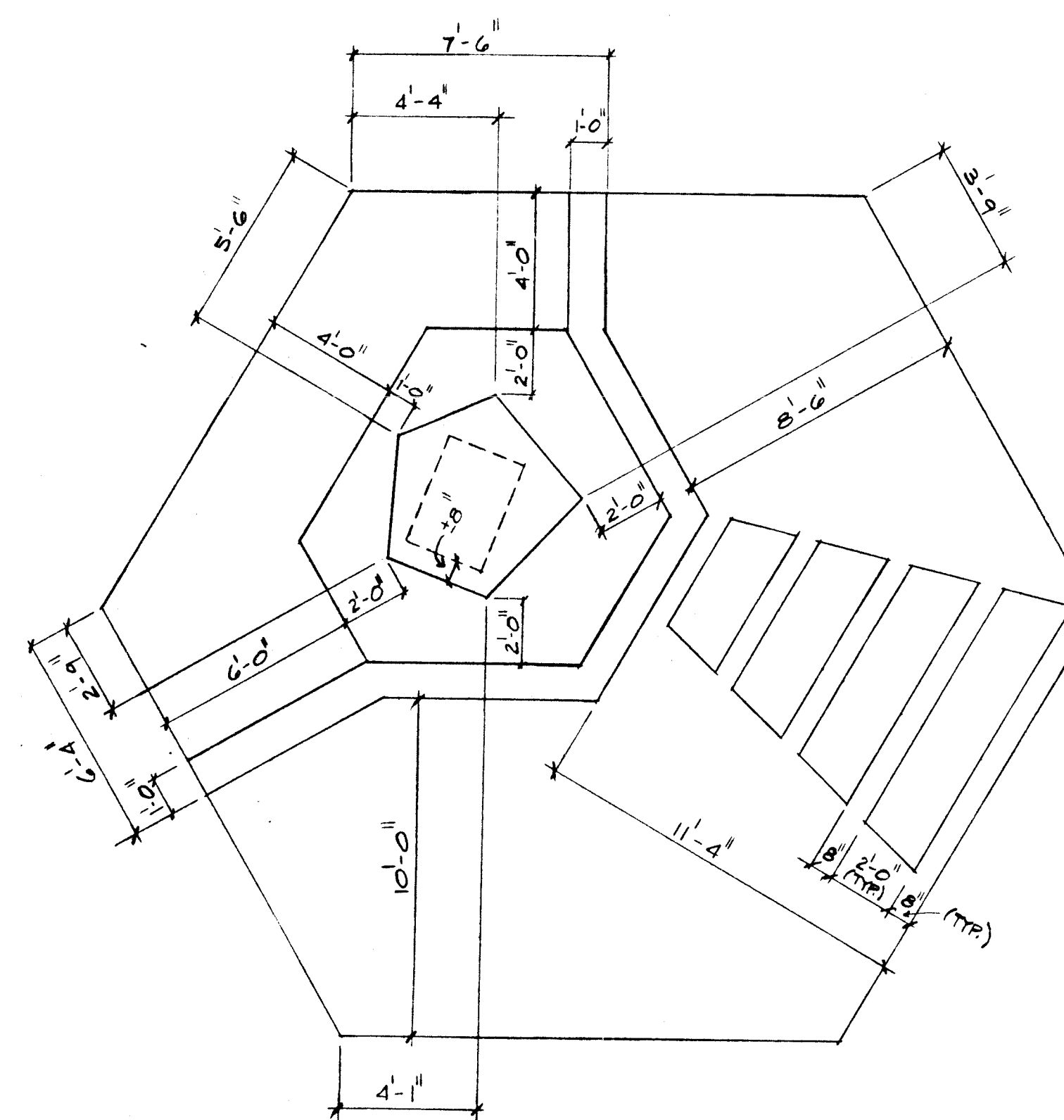
1/4" = 1'-0"



(C) CONCRETE SLABS

1/2" = 1'-0"

CHANGE ORDER #6, SHEET L4.1



(B) DIMENSION PLAN

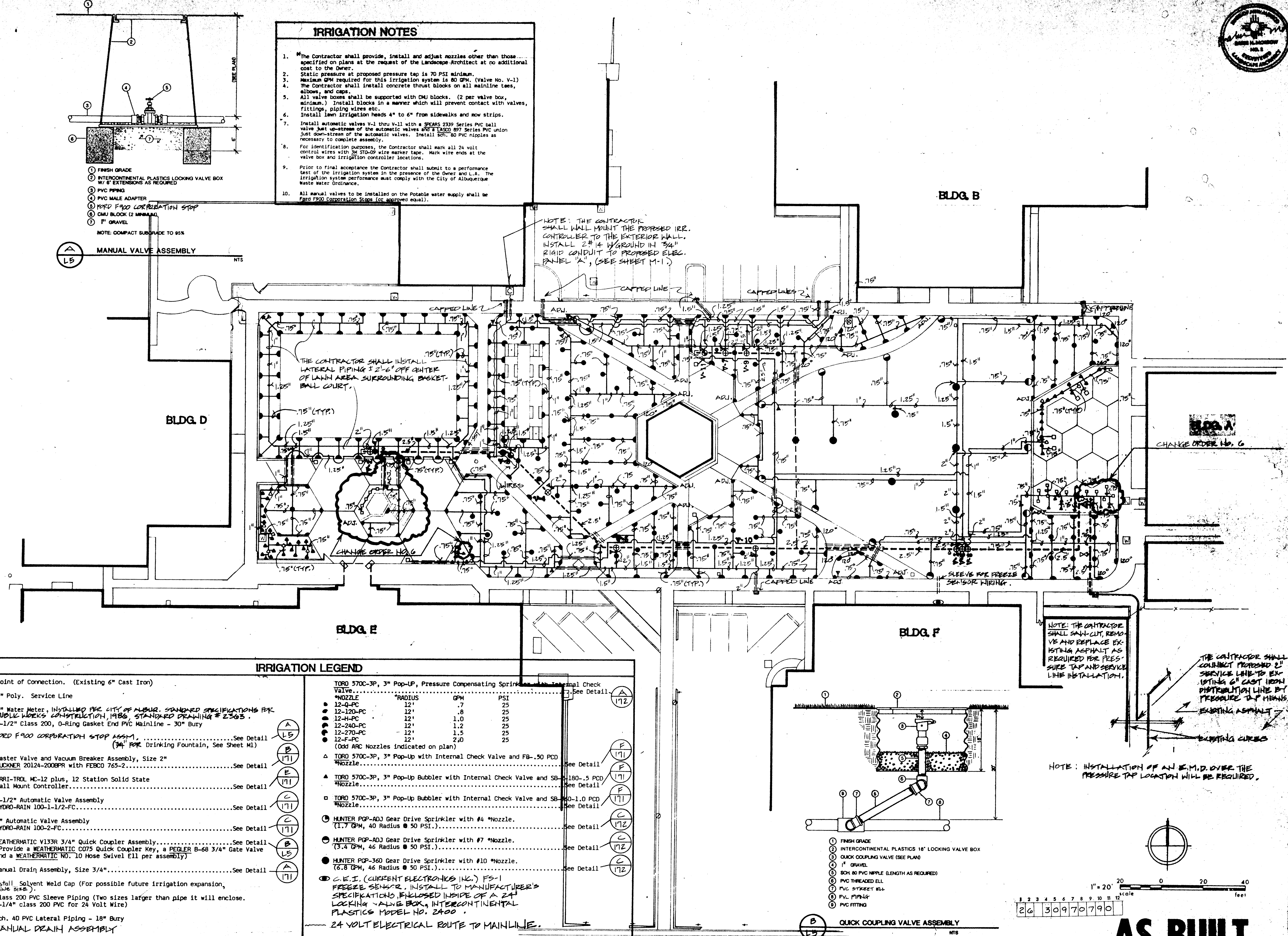
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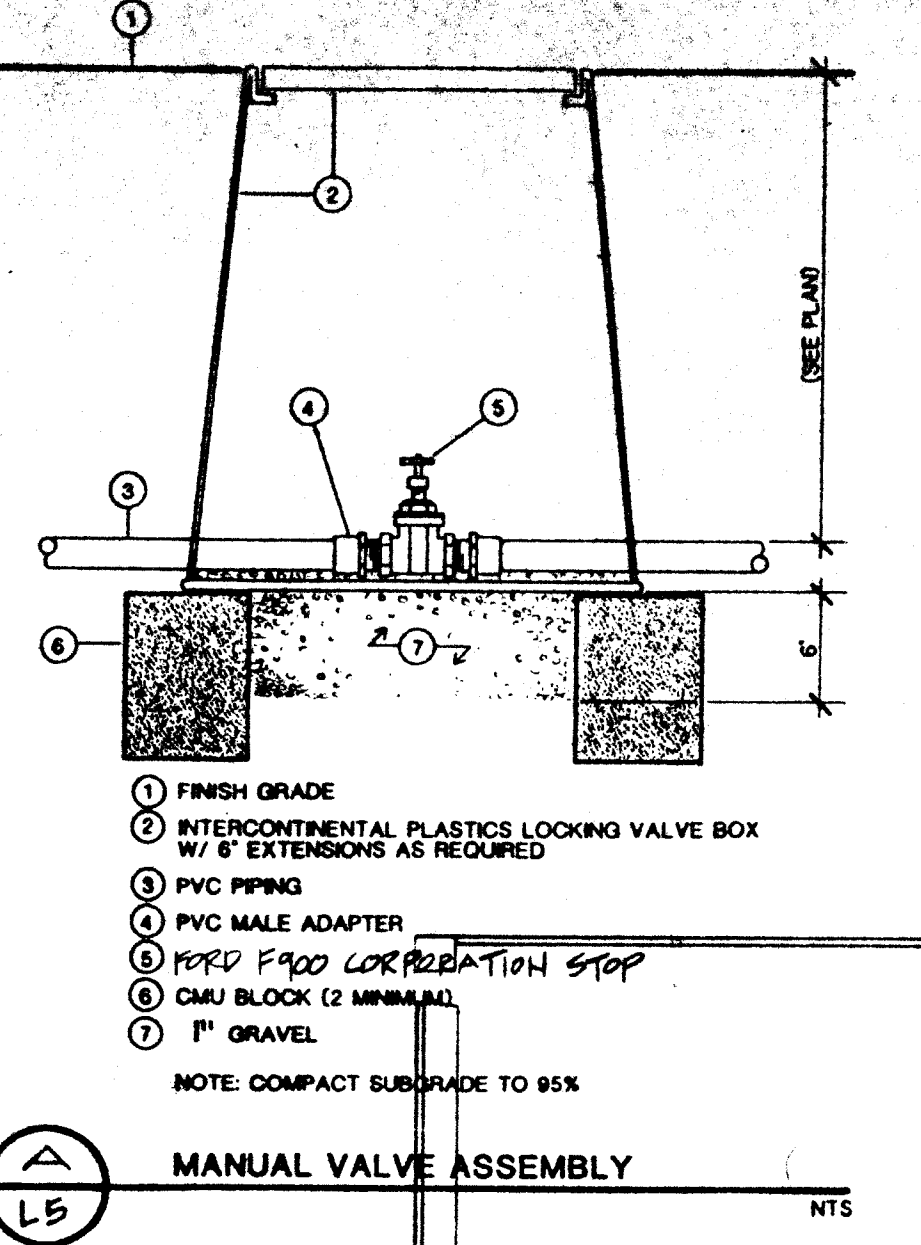
1 2 3 4 5 6 7 8 9 10 11 12
26 30 97 06 90

DETAIL SHEET
AS BUILT

SHEET
L4.1



- IRRIGATION NOTES**
1. The Contractor shall provide, install and adjust nozzles other than those specified on plans at the request of the Landscape Architect at no additional cost to the Owner.
 2. Static pressure at proposed pressure tap is 70 PSI minimum.
 3. Maximum GPM required for this irrigation system is 80 GPM. (Valve No. V-1)
 4. The Contractor shall install concrete thrust blocks on all mainline tees, elbows, and caps.
 5. All valve boxes shall be supported with CMU blocks. (2 per valve box, minimum.) Install blocks in a manner which will prevent contact with valves, fittings, piping wires etc.
 6. Install lawn irrigation heads 4" to 6" from sidewalks and row strips.
 7. Install automatic valves V-1 thru V-11 with a **PEPPER 2339 Series** PVC ball valve just downstream of the automatic valves and a **1/2" x 1/2" 90° Series** PVC union just downstream of the automatic valves. Install **SCH. 40 PVC** nipples as necessary to complete assembly.
 8. For identification purposes, the Contractor shall mark all 24 volt control wires with **3M 570-09** wire marker tape. Mark wire ends at the valve box and irrigation controller locations.
 9. Prior to final acceptance the Contractor shall submit to a performance test of the irrigation system in the presence of the Owner and L.A. The irrigation system performance must comply with the City of Albuquerque Water User Ordinance.
 10. All manual valves to be installed on the potable water supply shall be **PEPPER CORPORATION 5000** (or approved equal).



IRRIGATION LEGEND

- Point of Connection. (Existing 6" Cast Iron)
- 2" Poly. Service Line
- 2" Water Meter, Installed per City of Albuquerque, Standard Specifications for Public Works Construction, 1986, Standard Drawing # 2303.
- 2-1/2" Class 200, O-Ring Gasket End PVC Mainline - 30" Bury
- PEPPER F-200 CORPORATION STOP VALVE (3/4" FOR Drinking Fountain, See Sheet M)
- Master Valve and Vacuum Breaker Assembly, Size 2" BUCKNER 20124-200BPR with PEPPER 765-2-2
- IRRI-TROL MC-12 plus, 12 Station Solid State Wall Mount Controller
- 1-1/2" Automatic Valve Assembly HYDRO-RAIN 100-1-1/2-FC
- 2" Automatic Valve Assembly HYDRO-RAIN 100-2-FC
- WEATHERMATIC V133R 3/4" Quick Coupler Assembly (Provide a WEATHERMATIC C075 Quick Coupler Key, a PEPPER B-68 3/4" Gate Valve and a WEATHERMATIC NO. 10 Hose Swivel Fill per assembly)
- Manual Drain Assembly, Size 3/4"
- 1/2" Solvent Weld Cap (For possible future irrigation expansion, See S&B)
- Class 200 PVC Sleeve Piping (Two sizes larger than pipe it will enclose. 1-1/4" class 200 PVC for 24 Volt Wire)
- Sch. 40 PVC Lateral Piping - 18" Bury
- MANUAL DRAIN ASSEMBLY

- TORO 570C-3P, 3" Pop-Up, Pressure Compensating Sprinkler with Internal Check Valve.

NOZZLE	THROW	GPM	PSI
12-40-PC	12"	.7	25
12-120-PC	12"	.8	25
12-H-PC	12"	1.0	25
12-240-PC	12"	1.2	25
12-270-PC	12"	1.5	25
12-F-PC	12"	2.0	25

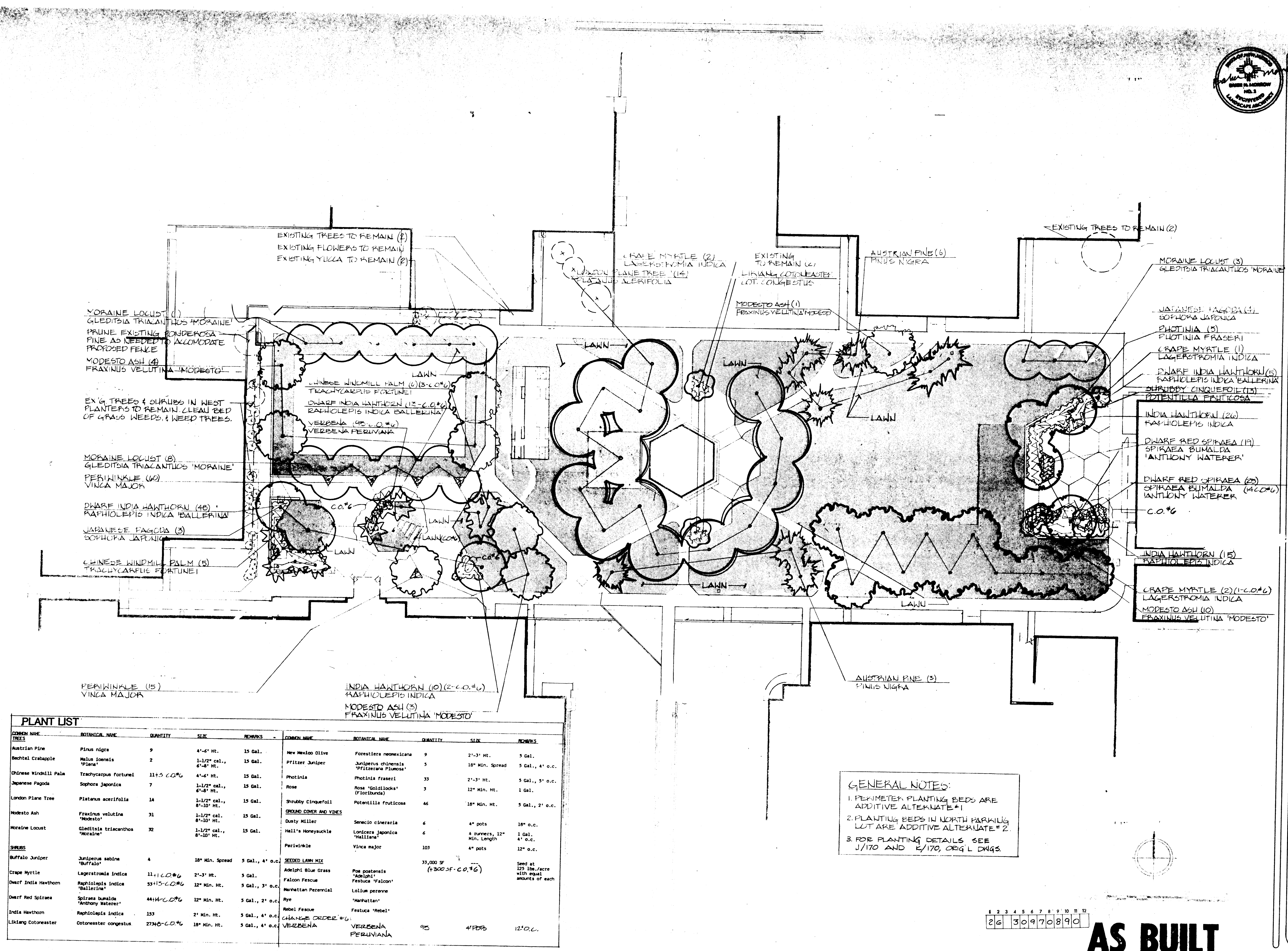
 (Add ARC Nozzles indicated on plan)
- TORO 570C-3P, 3" Pop-Up with Internal Check Valve and FB-.50 PCD Nozzle
- TORO 570C-3P, 3" Pop-Up Bubbler with Internal Check Valve and SB-.180-.5 PCD Nozzle
- TORO 570C-3P, 3" Pop-Up Bubbler with Internal Check Valve and SB-.40-1.0 PCD Nozzle
- HUNTER POP-ADJ Gear Drive Sprinkler with #4 Nozzle. (11.7 GPM, 46 Radius @ 50 PSI.)
- HUNTER POP-ADJ Gear Drive Sprinkler with #7 Nozzle. (13.4 GPM, 46 Radius @ 50 PSI.)
- HUNTER POP-360 Gear Drive Sprinkler with #10 Nozzle. (16.8 GPM, 46 Radius @ 50 PSI.)
- C.E.I. (CURRENT ELECTRONICS INC.) FS-1 FREEZE SENSOR. INSTALL TO MANUFACTURER'S SPECIFICATIONS. ENCLOSED INSIDE OF A 24" LOCKING VALVE BOX. INTERCONTINENTAL PLASTICS MODEL NO. 2400
- 24 VOLT ELECTRICAL ROUTE TO MAINLINE.

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LANDSCAPING IMPROVEMENTS FOR WATER SYSTEM FACILITY SITES
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

WATER CENTRAL CONTROL
SHEET 10

AS BUILT



PLANT LIST									
COMMON NAME	SCIENTIFIC NAME	QUANTITY	SIZE	REMARKS	COMMON NAME	SCIENTIFIC NAME	QUANTITY	SIZE	REMARKS
TREES									
Australian Pine	Pinus nigra	9	4'-6" HT.	15 Gal.	New Mexico Olive	Forestiera neomexicana	9	2'-3' HT.	5 Gal.
Bechtel Crabapple	Malus borealis 'Pinn'	2	1-1 1/2" cal., 6'-8" HT.	15 Gal.	Pfitzer Juniper	Juniperus chinensis 'Pfitzeriana Plumosa'	5	18" Min. Spread	5 Gal., 4" o.c.
Chinese Windmill Palm	Trachycarpus fortunei	11+5 C.O.#6	4'-6" HT.	15 Gal.	Photinia	Photinia Fraseri	33	2'-3' HT.	5 Gal., 5" o.c.
Japanese Pagoda	Sophora japonica	7	1-1 1/2" cal., 6'-8" HT.	15 Gal.	Rose	Rosa 'Goldkoke' (Floribunda)	3	12" Min. HT.	1 Gal.
London Plane Tree	Platanus acerifolia	14	1-1 1/2" cal., 8'-10" HT.	15 Gal.	Shrubby Cinerifolia	Potentilla fruticosa	46	18" Min. HT.	5 Gal., 2" o.c.
Modesto Ash	Fraxinus velutina 'Modesto'	31	1-1 1/2" cal., 8'-10" HT.	15 Gal.	GROUND COVER AND VINES				
Moraine Locust	Gleditsia triacanthos 'Moraine'	32	1-1 1/2" cal., 8'-10" HT.	15 Gal.	Dusty Miller	Senecio cineraria	4	4" pots	18" o.c.
SHRUBS					Hall's Honeysuckle	Lonicera japonica 'Halliana'	6	4 runners, 12" Min. Length	1 Gal., 4" o.c.
Buffalo Juniper	Juniperus sabina 'Buffalo'	4	18" Min. Spread	5 Gal., 4" o.c.	Periwinkle	Vinca major	103	4" pots	12" o.c.
Crape Myrtle	Lagerströmia indica	11+1 C.O.#6	2'-3' HT.	5 Gal.	SEEDS LAWN MIX				
Dwarf India Hawthorn	Raphiolepis indica 'Ballarina'	33+15 C.O.#6	12" Min. HT.	5 Gal., 3" o.c.	Admiral Blue Grass	Poa pratensis 'Admiral'	33,000 SF	(500 SF C.O.#6)	Seed at 125 lbs./acre with equal amounts of each
Dwarf Red Spirea	Spiraea bumalda 'Anthony Waterer'	44+14 C.O.#6	12" Min. HT.	5 Gal., 2" o.c.	Falcon Fescue	Festuca 'Falcon'			
India Hawthorn	Raphiolepis indica	153	2' Min. HT.	5 Gal., 4" o.c.	Manhattan Perennial	Lolium perenne 'Manhattan'			
Likiang Cotoneaster	Cotoneaster congestus	27+10 C.O.#6	18" Min. HT.	5 Gal., 4" o.c.	Rebel Fescue	Festuca 'Rebel'			
					Galangal Cadez #6				
					VERBENA PERUVIANA		95	4" PDB	12" O.C.

GENERAL NOTES:
1. PERIMETER PLANTING BEDS ARE ADDITIVE ALTERNATE #1
2. PLANTING BEDS IN NORTH PARKING LOT ARE ADDITIVE ALTERNATE #2
3. SEE PLANTING DETAILS SEE J/170 AND E/170, ORGL DNGS.

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26 30 97 08 90

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TYPE
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DATE

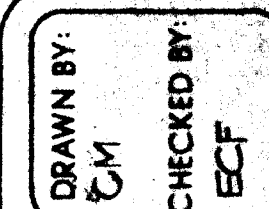
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LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Atlanta, Georgia 30303
404.526.2286

WATER CENTRAL CONTROL
5501 PINE ROAD NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
ALBUQUERQUE, NEW MEXICO

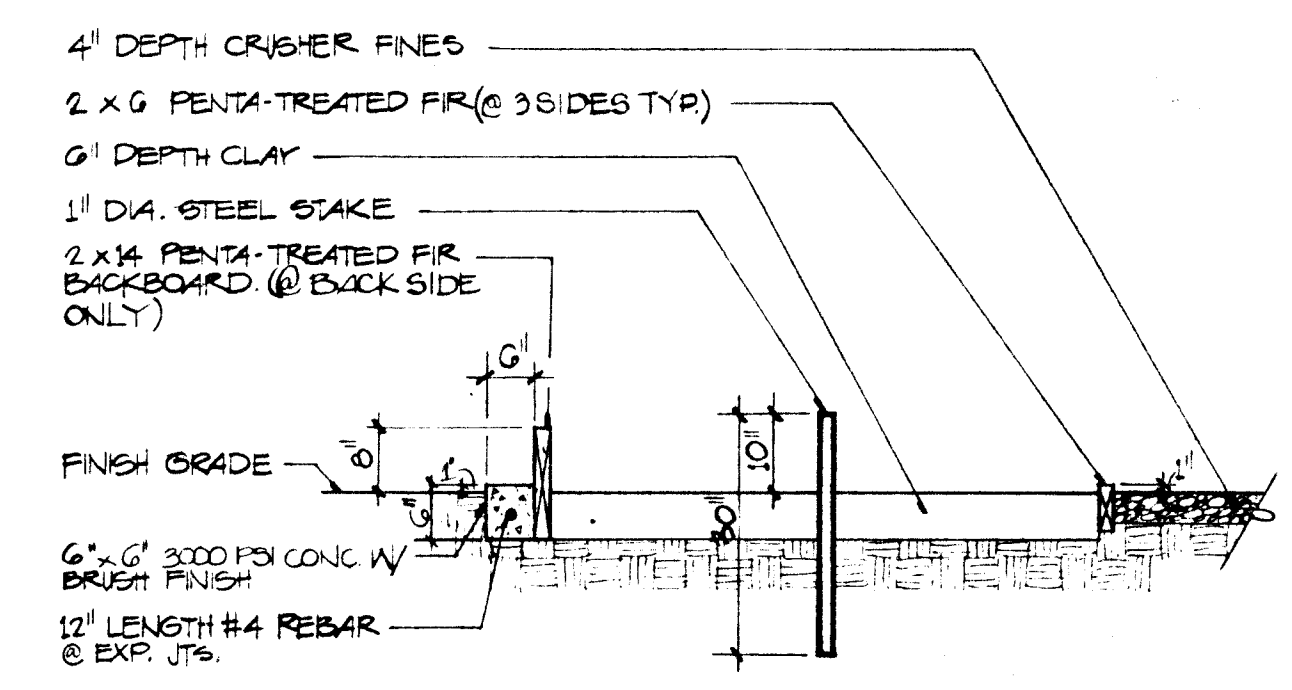
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OCTOBER 2007

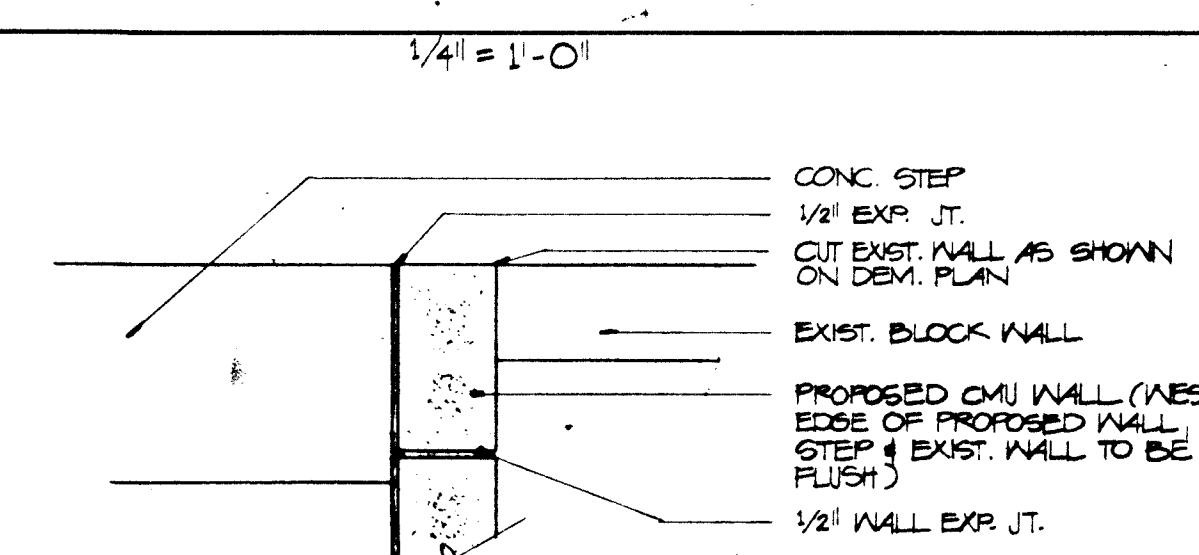


WATER CENTRAL CONTROL
5501 PINO ROAD N.E.
DETAILS

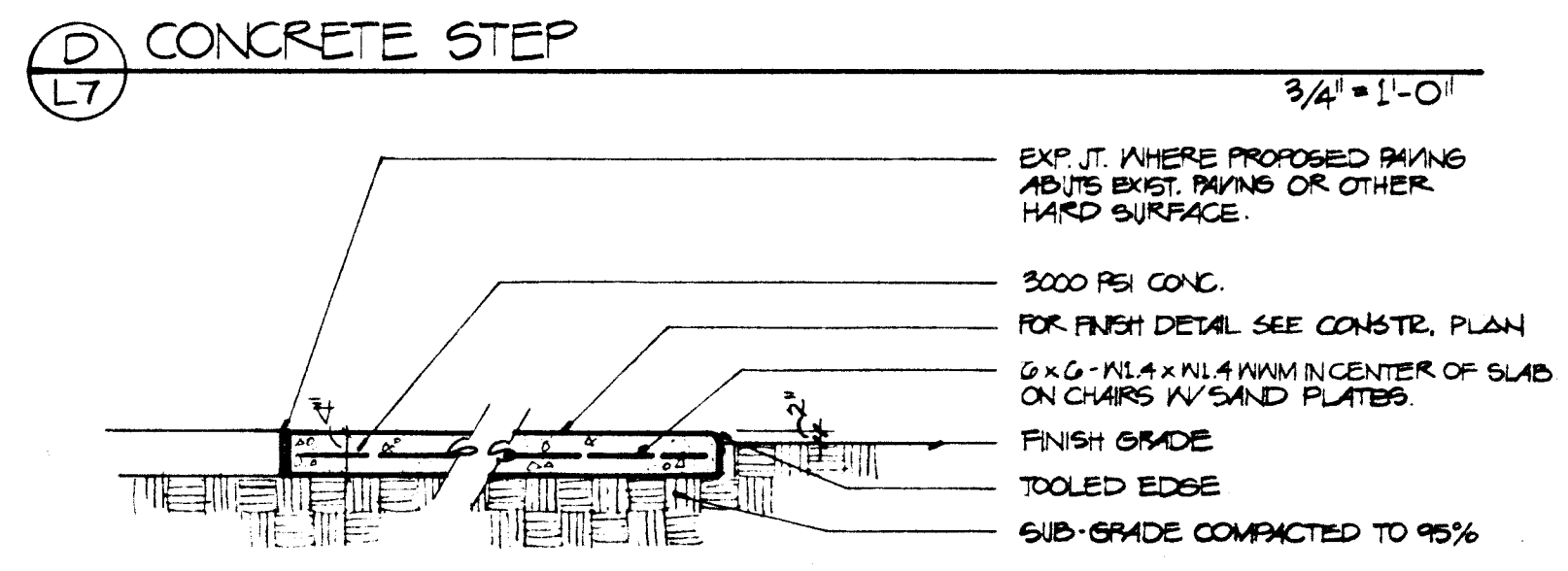
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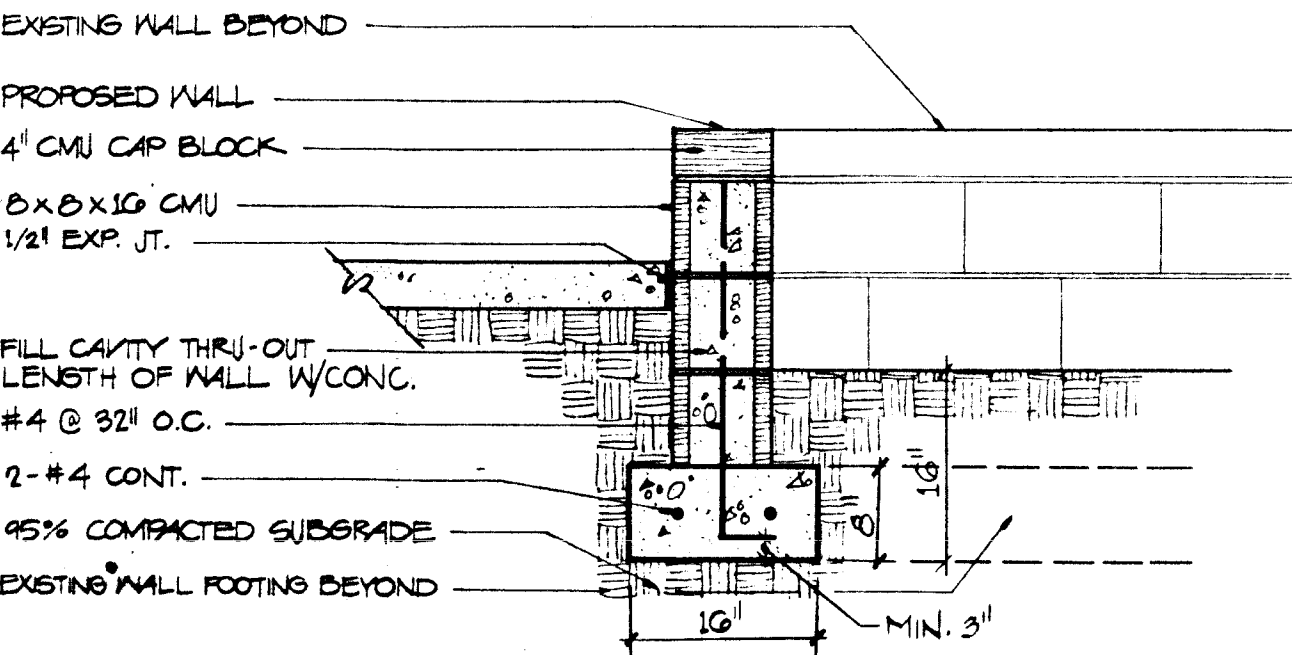
SECTION A-A



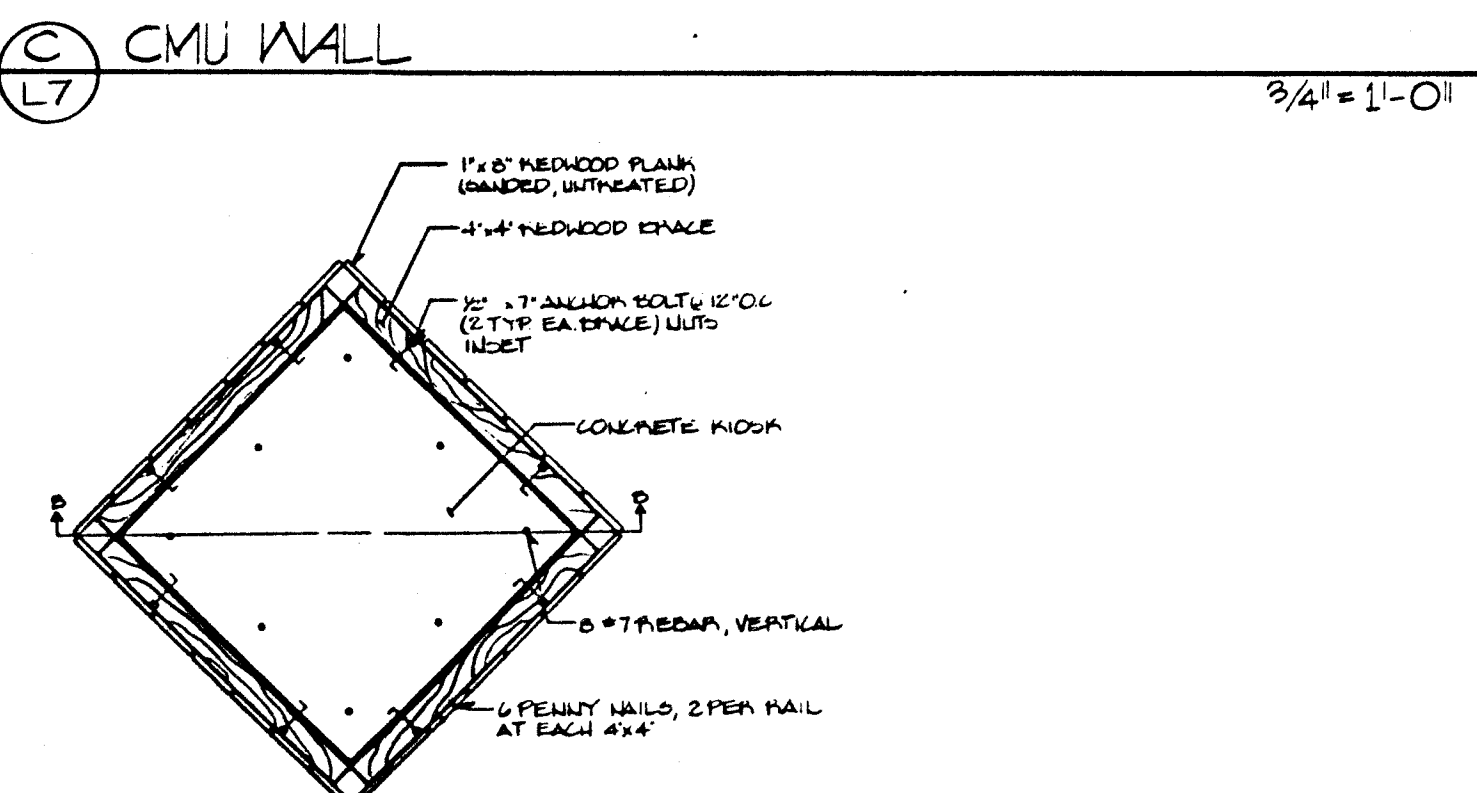
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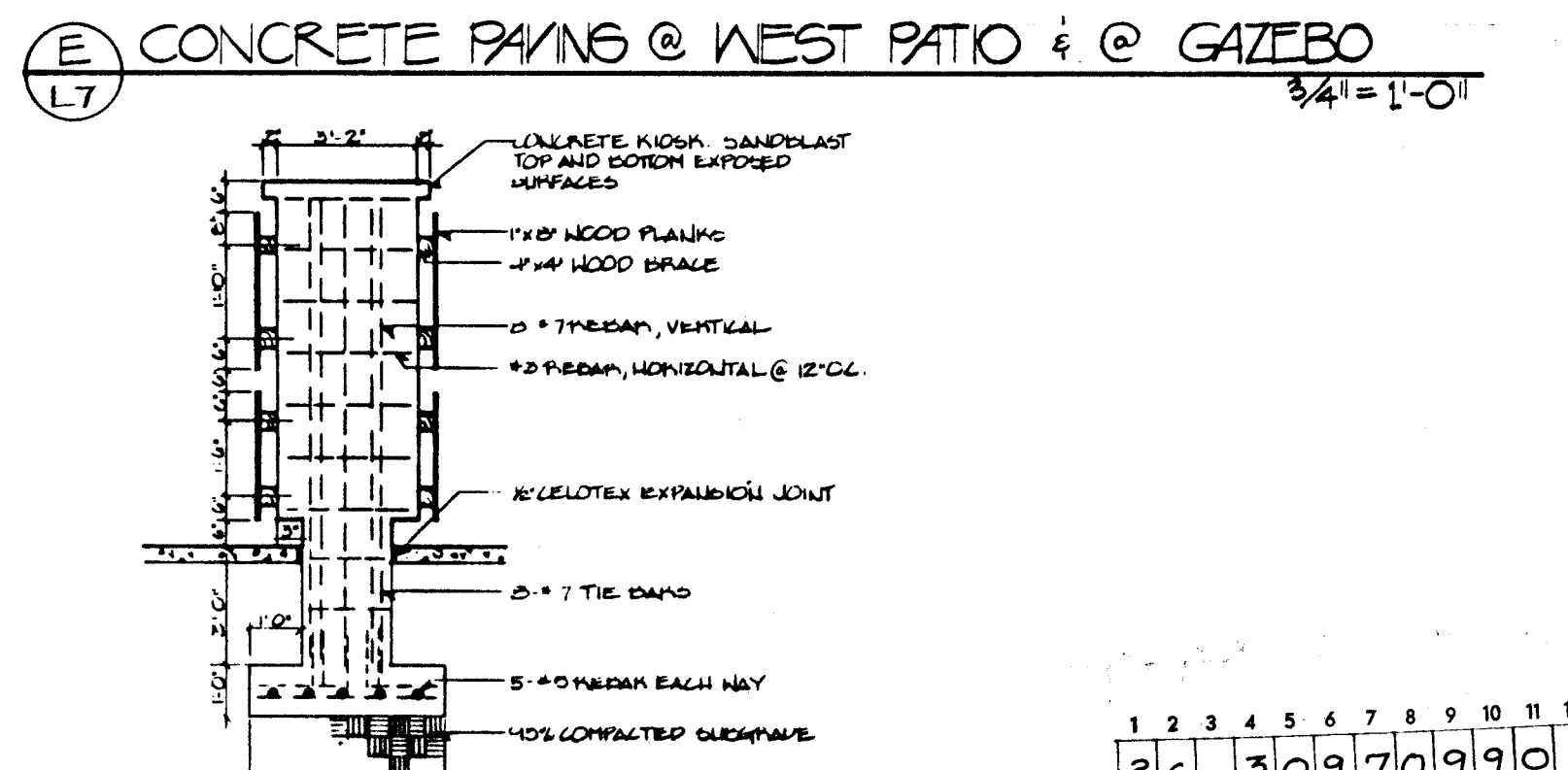
D CONCRETE STEP



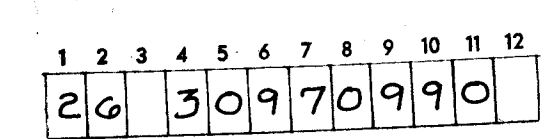
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(C) CMU WALL

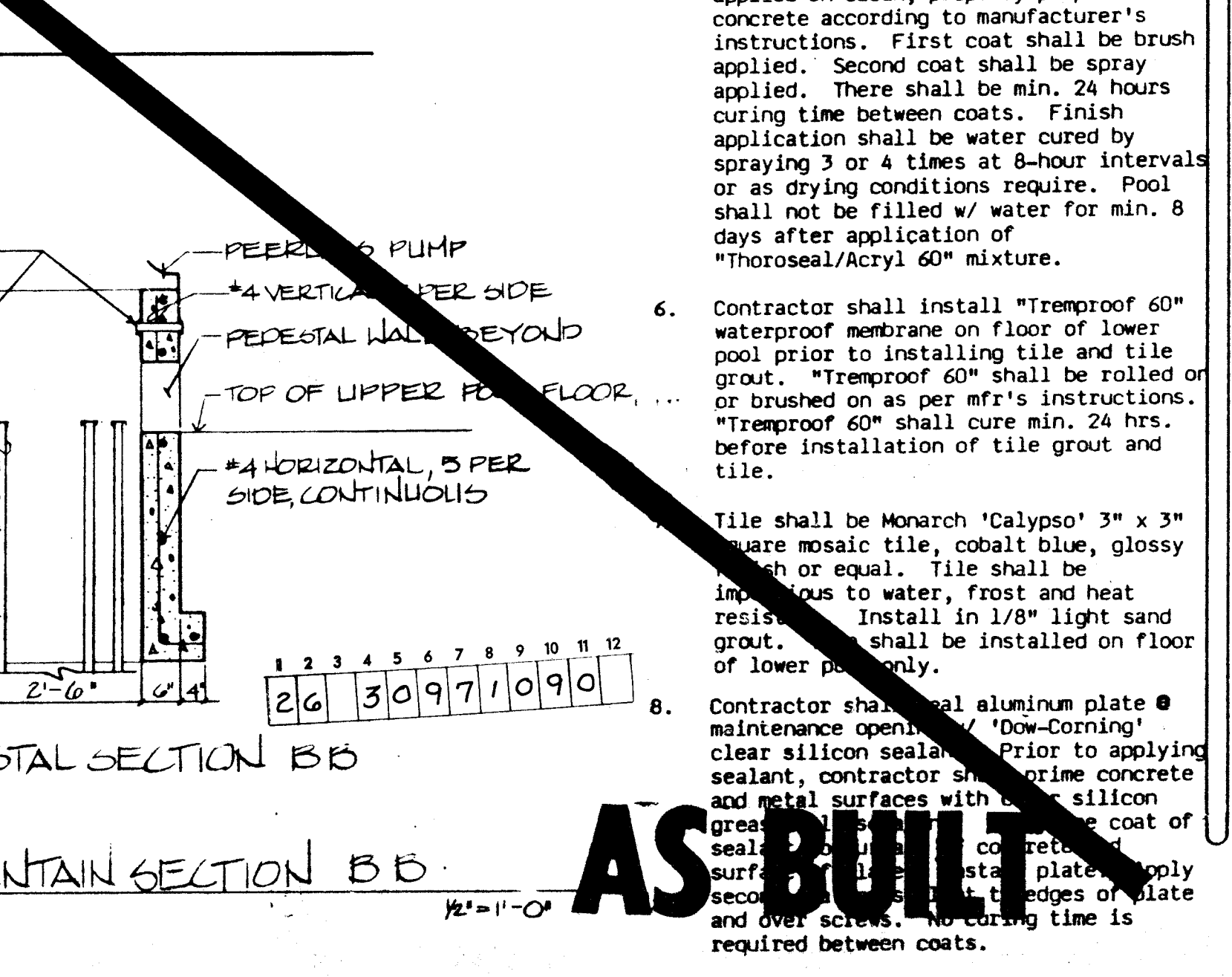
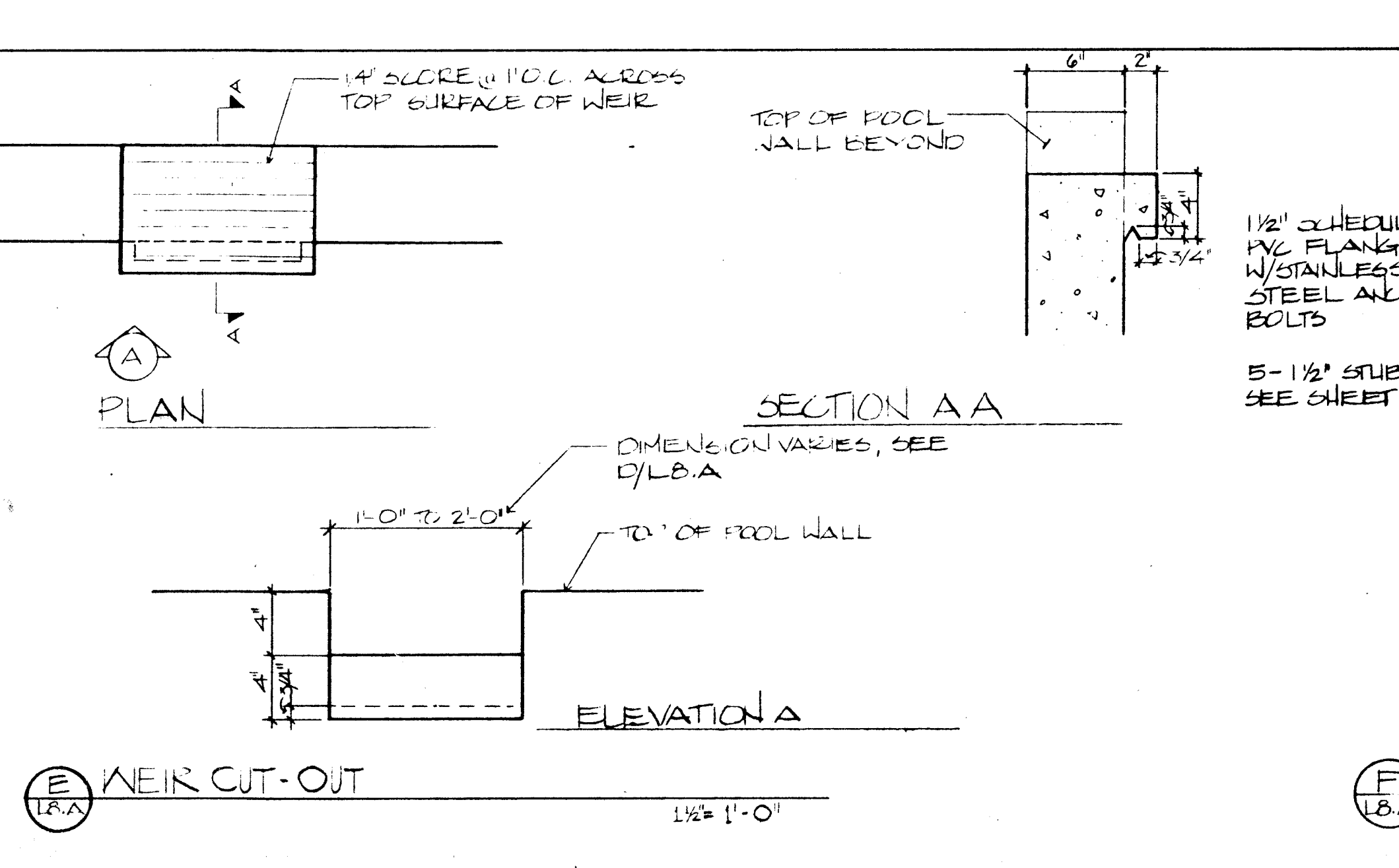
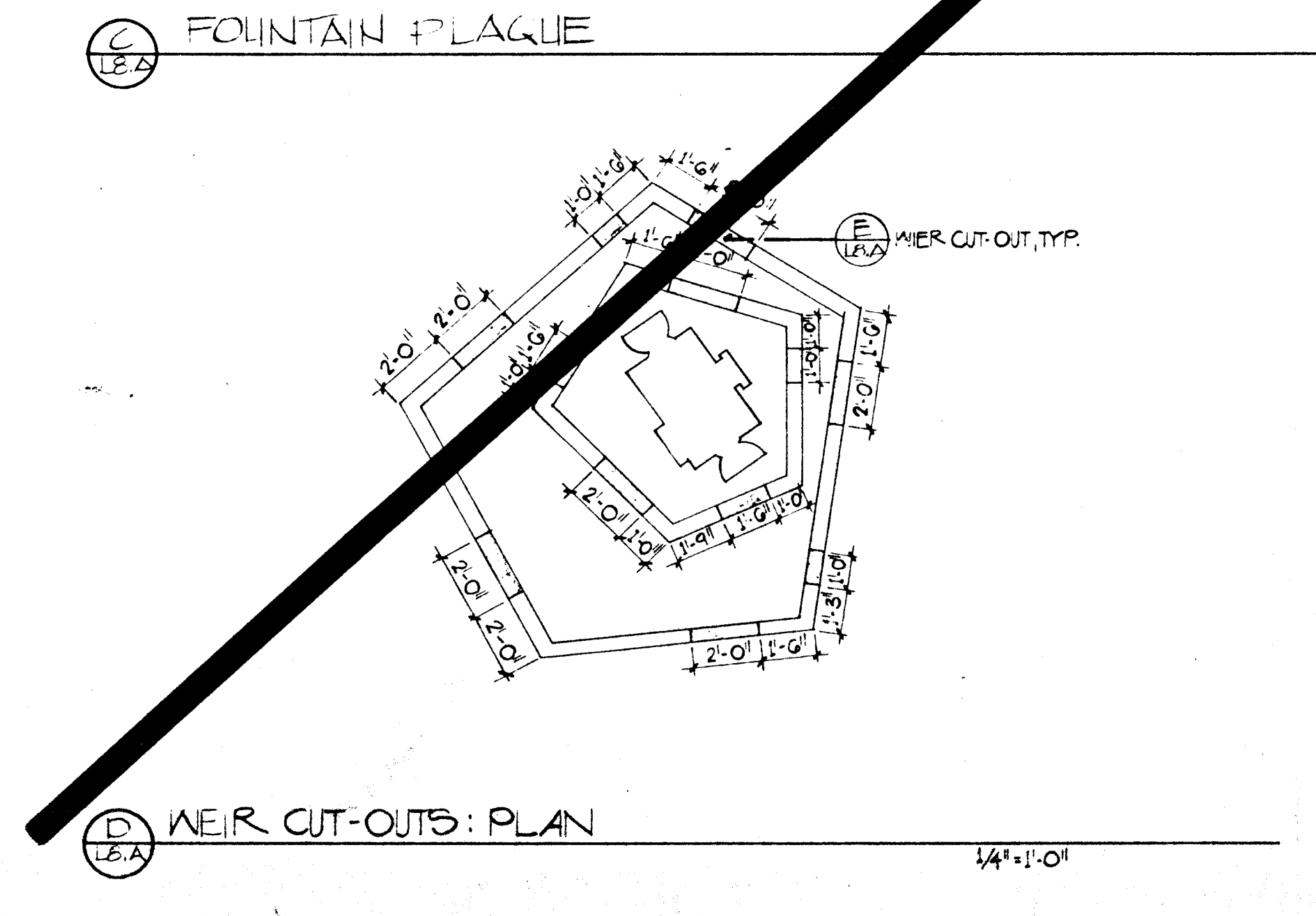
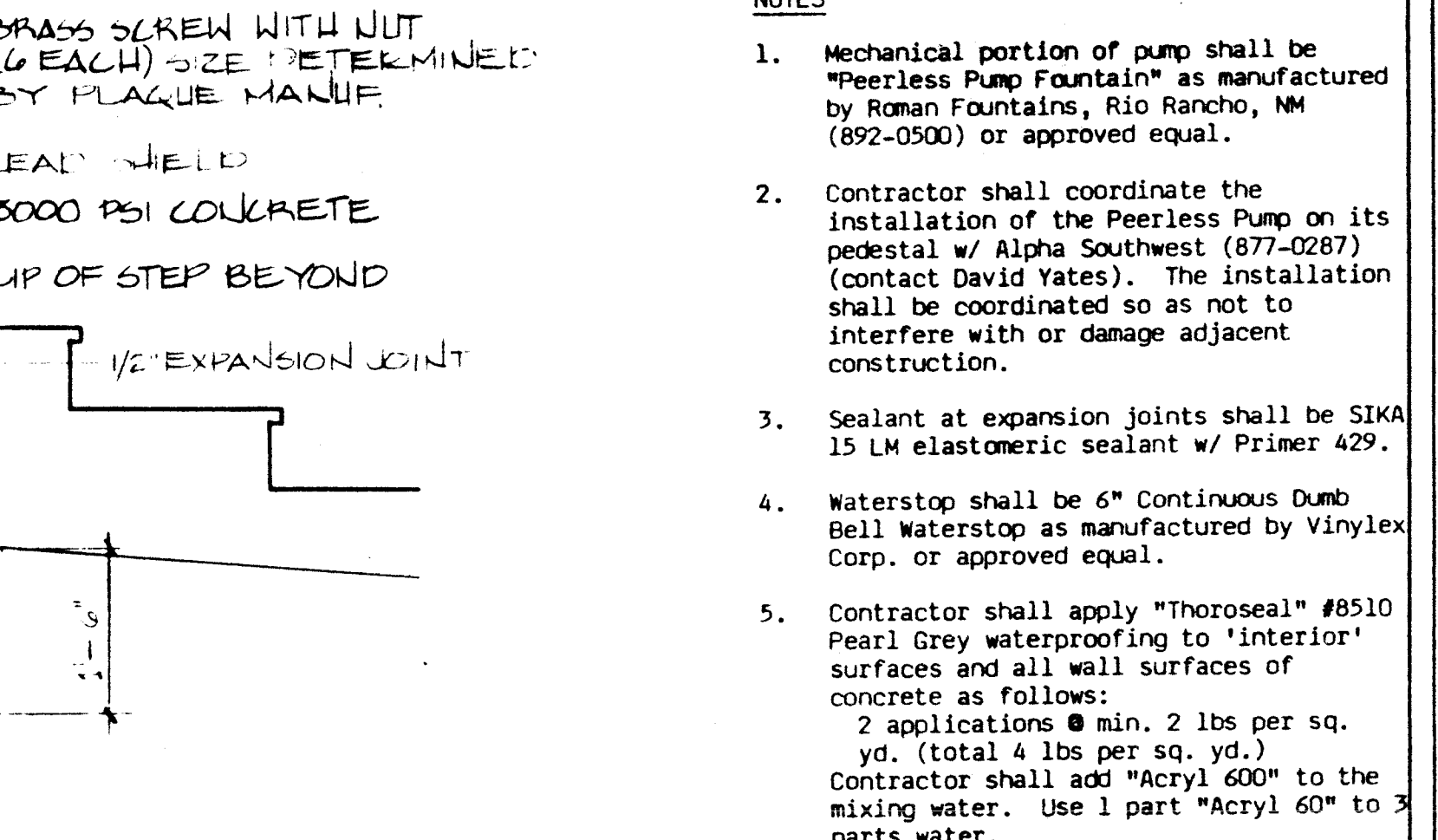
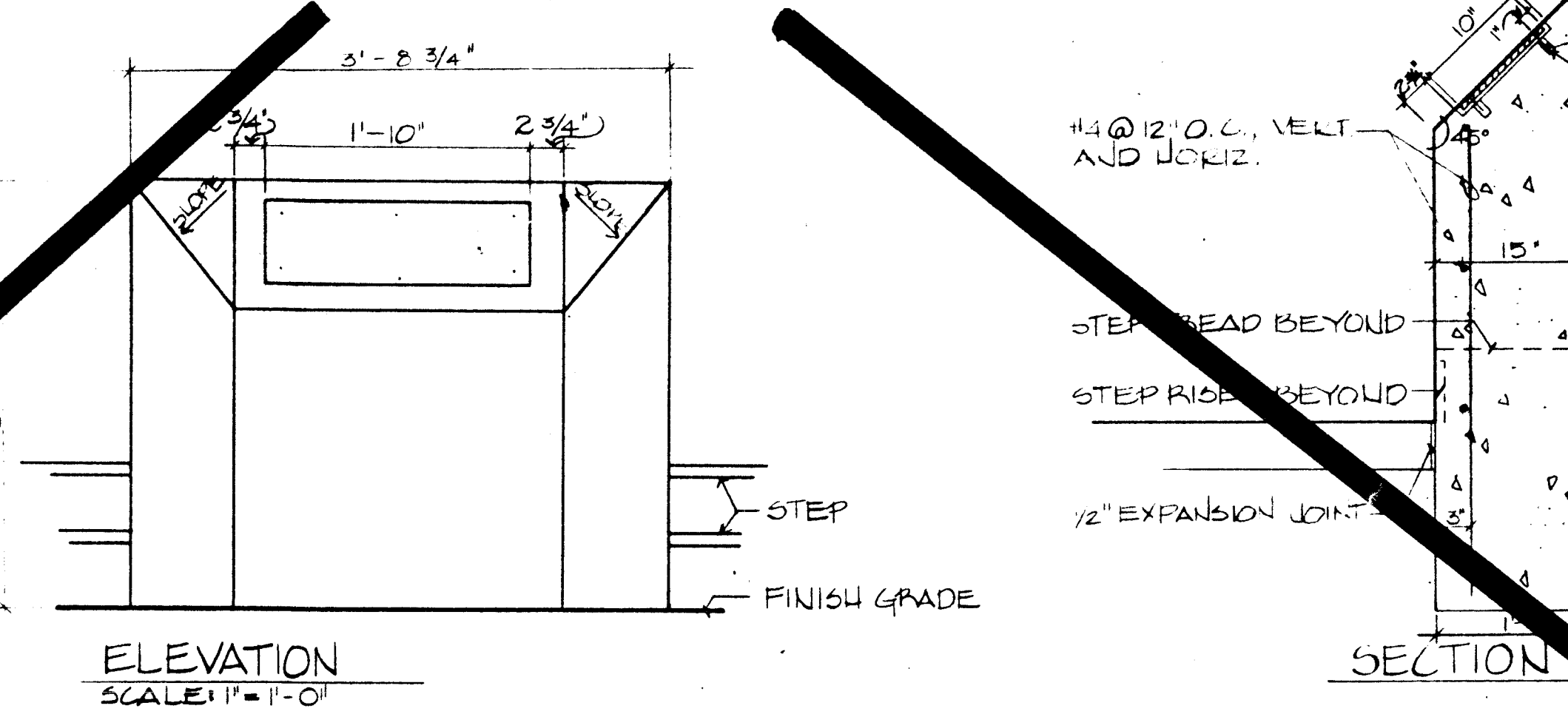
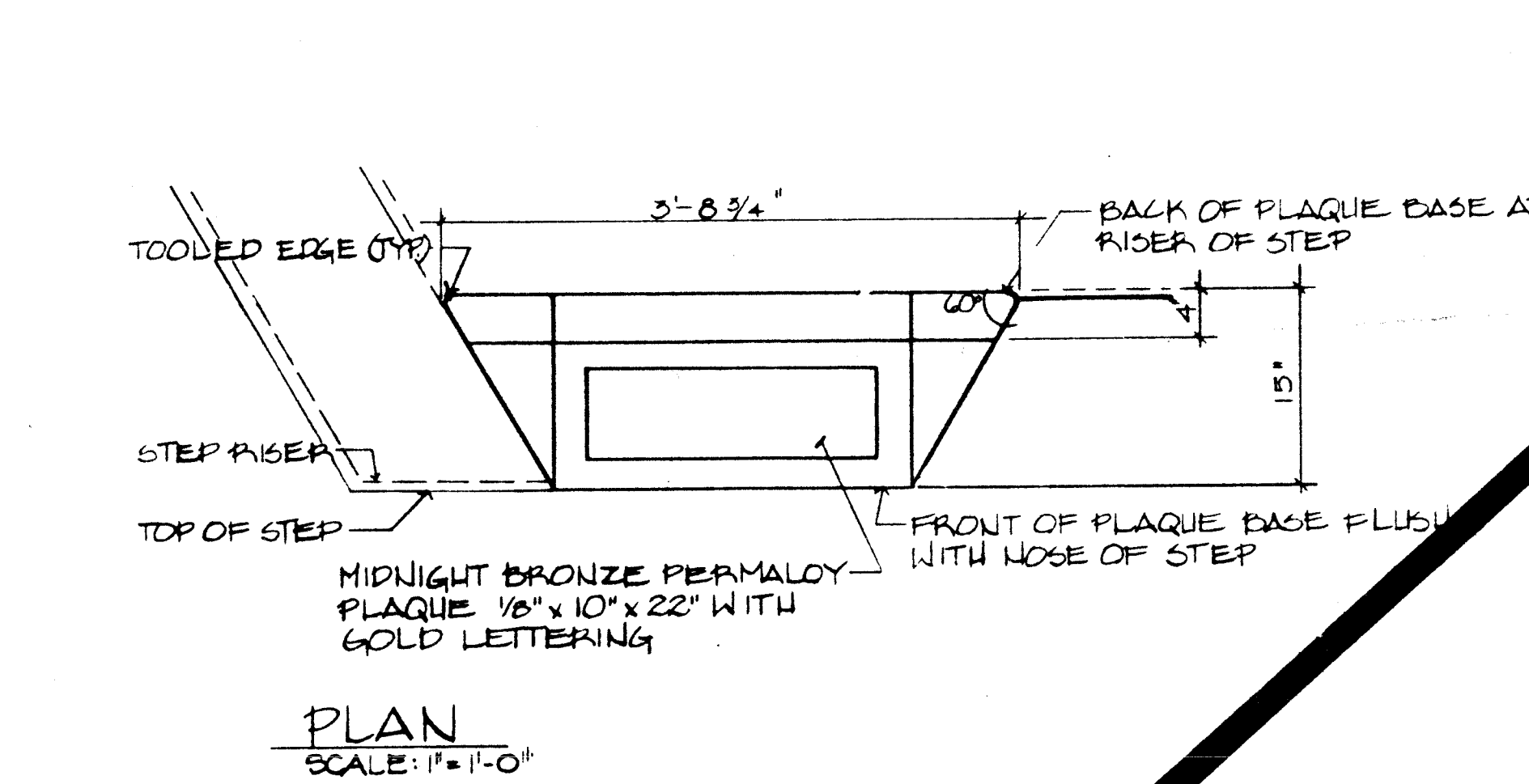
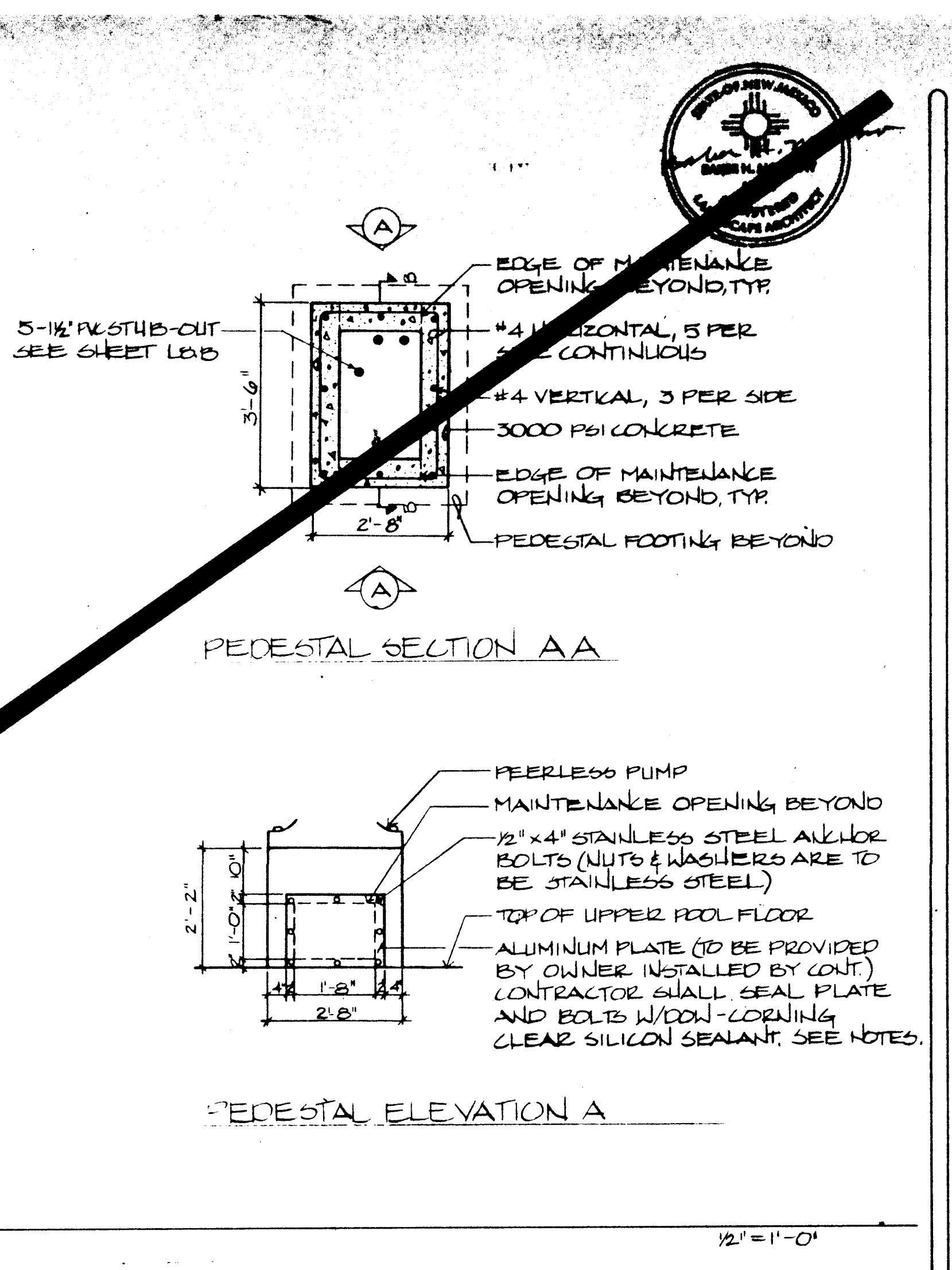
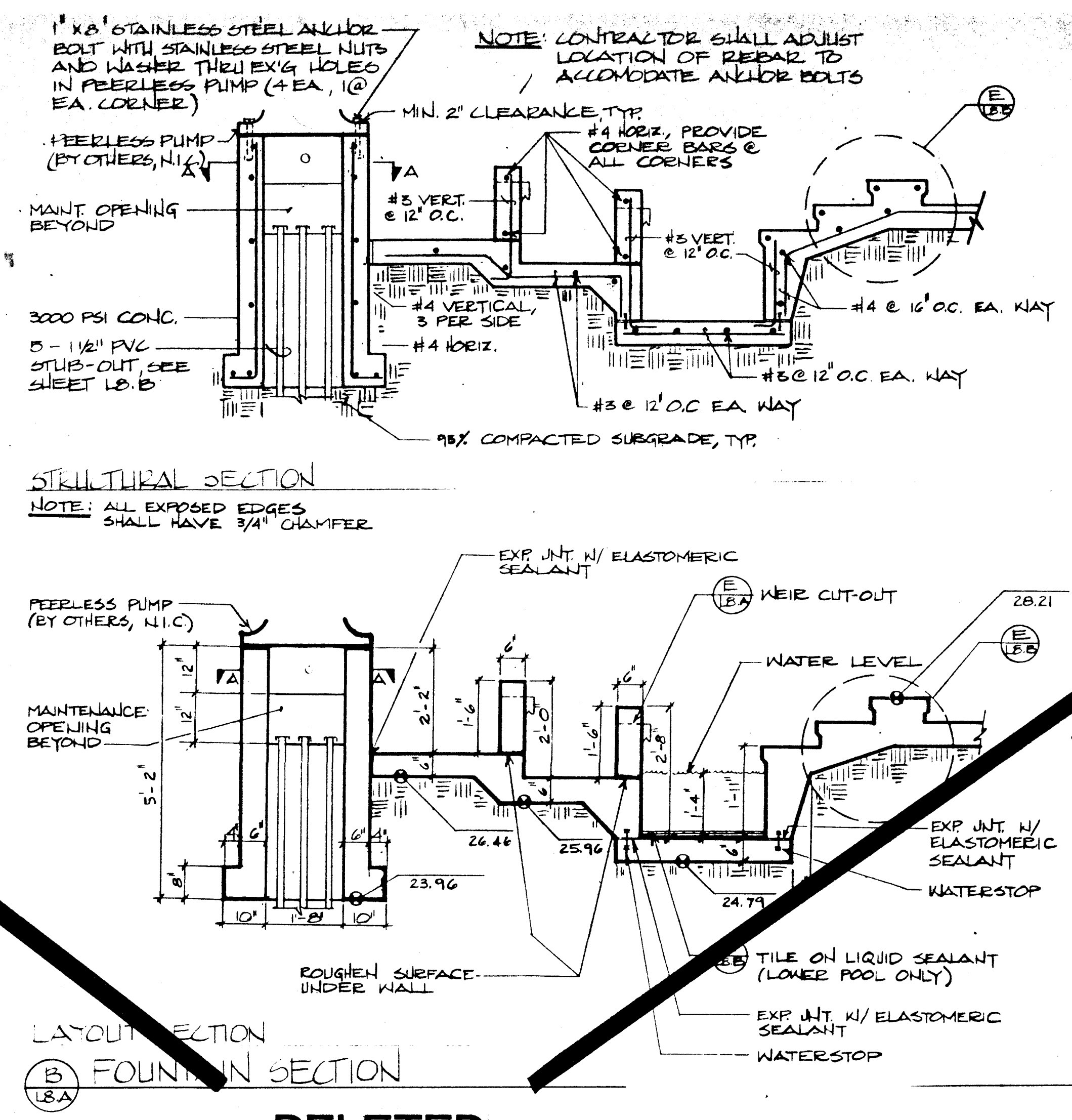
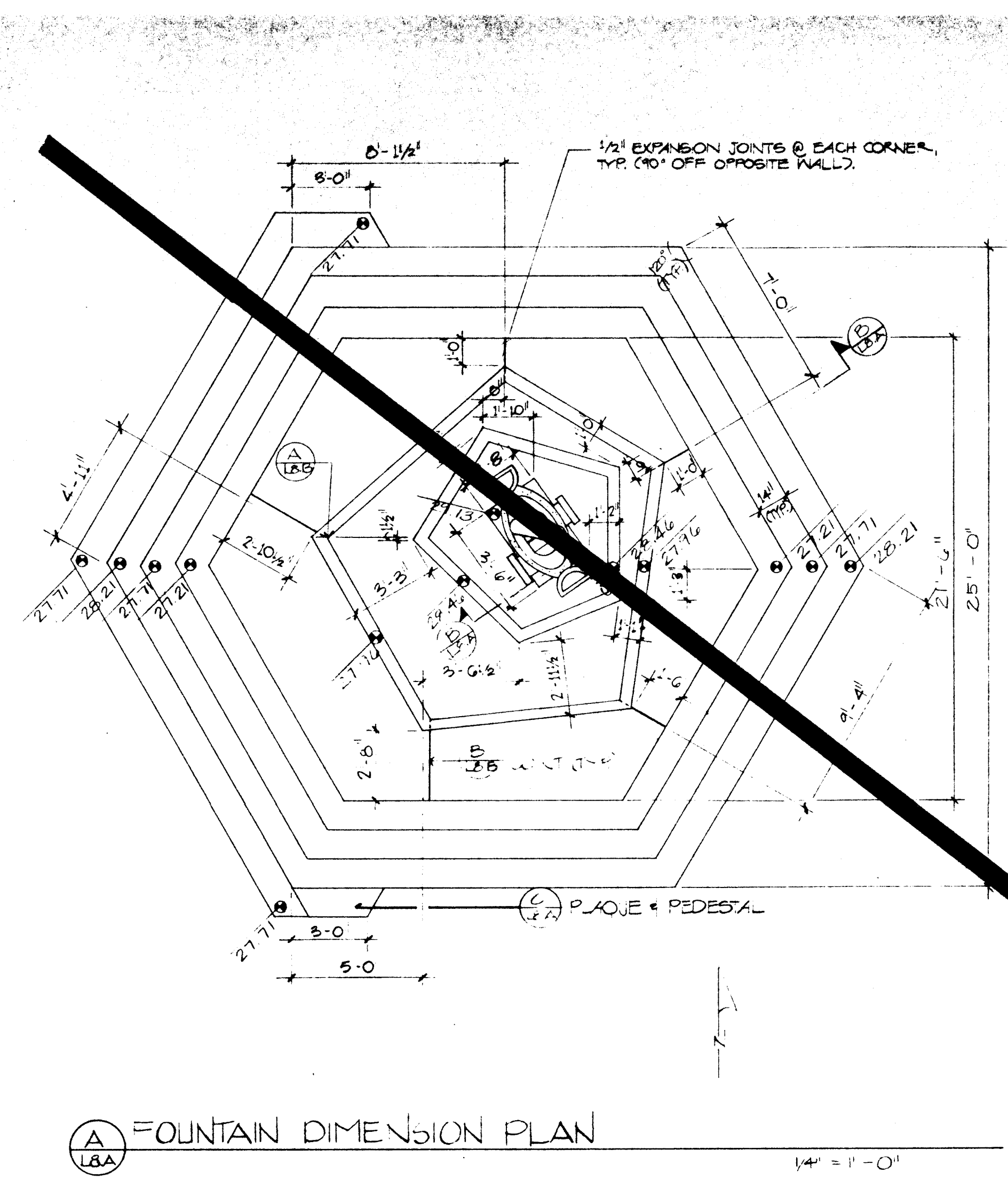


SECTION B-B

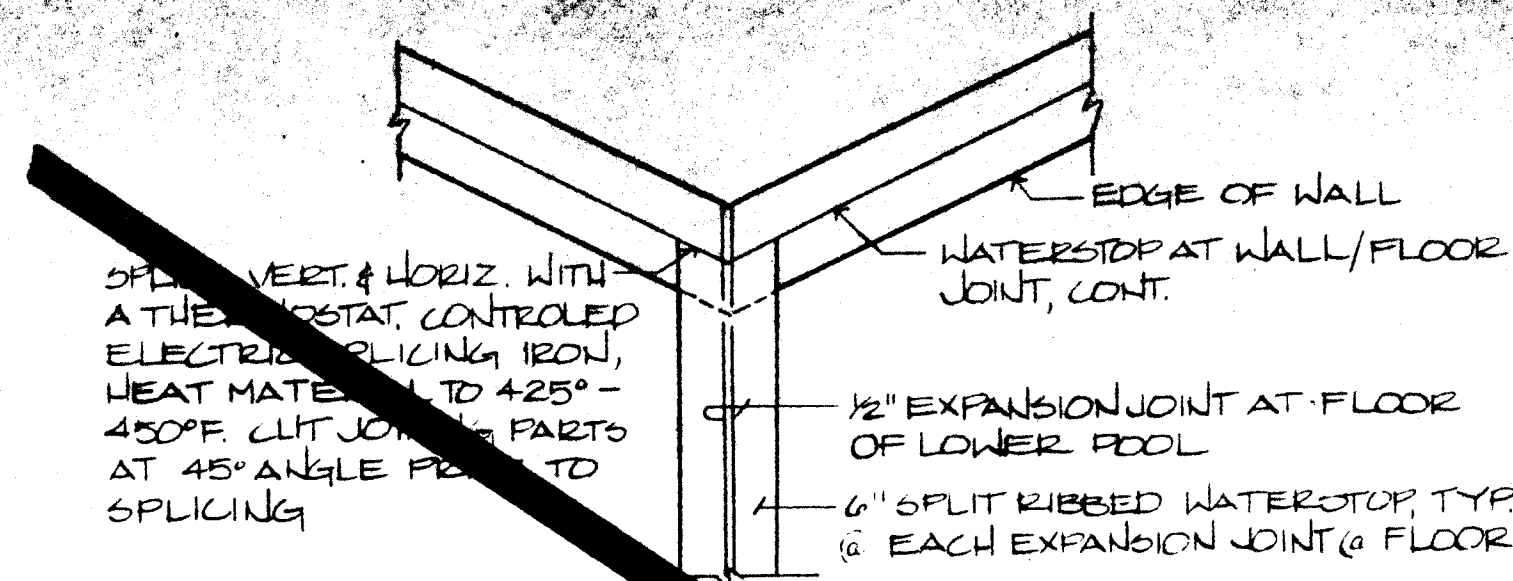


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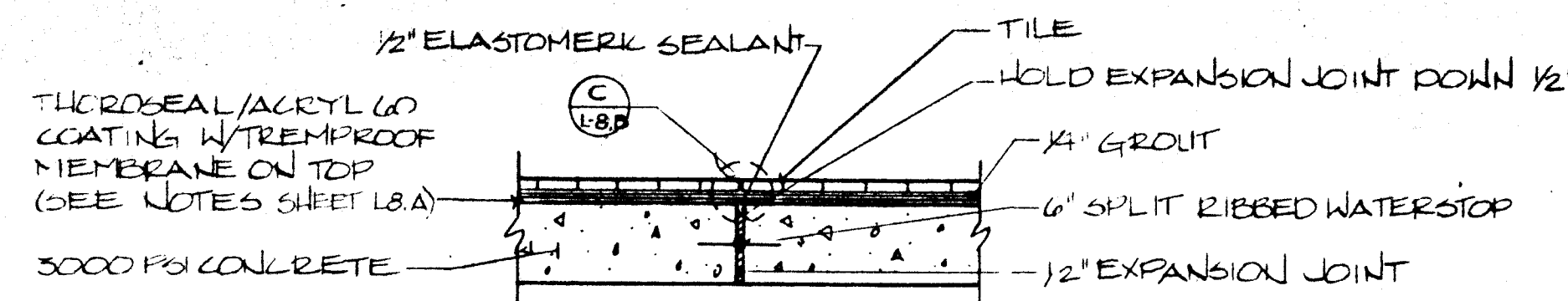
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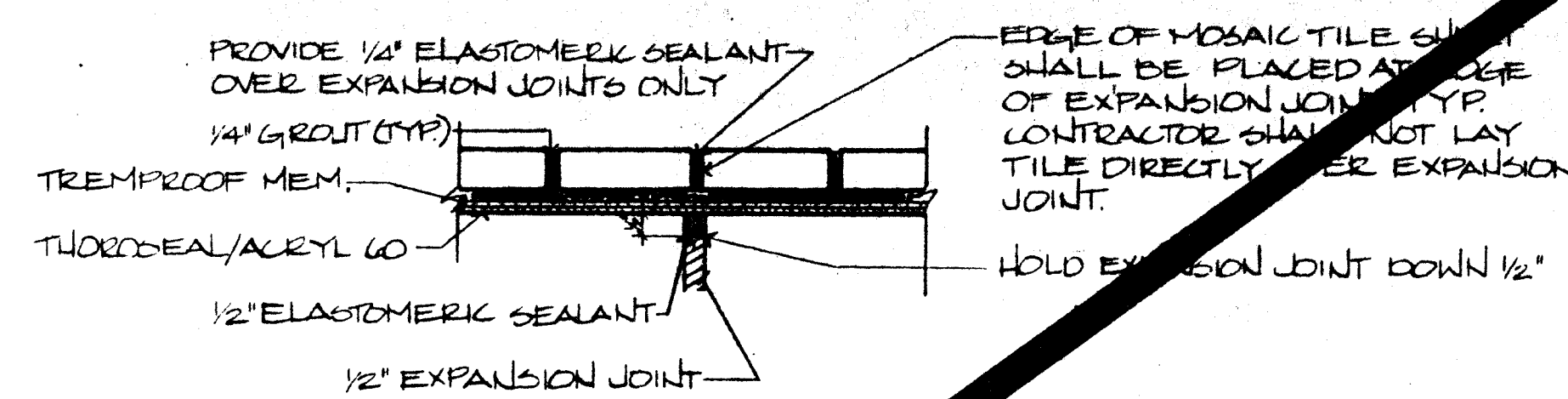
- NOTES**
- Mechanical portion of pump shall be "Peerless Pump Fountain" as manufactured by Roman Fountains, Rio Rancho, NM (892-0500) or approved equal.
 - Contractor shall coordinate the installation of the Peerless Pump on its pedestal w/ Alpha Southwest (877-0587) (contact David Yates). The installation shall be coordinated so as not to interfere with or damage adjacent construction.
 - Sealant at expansion joints shall be Sika 15 LM elastomeric sealant w/ Primer 429.
 - Waterstop shall be 6" Continuous Dumb Bell waterstop as manufactured by Vynylex Corp. or approved equal.
 - Contractor shall apply "Thoroseal" #8510 Pearl Grey waterproofing to "interior" surfaces and all wall surfaces of concrete as follows:
 2 applications @ min. 2 lbs per sq. yd. (total 4 lbs per sq. yd.).
 Contractor shall use "Acryl 60" to the mixing water. Use 1 part "Acryl 60" to 3 parts water.
 "Thoroseal" w/ "Acryl 60" shall be applied on clean, properly prepared concrete according to manufacturer's instructions. First coat shall be brush applied. Second coat shall be spray applied. There shall be min. 24 hours curing time between coats. Finish application shall be water cured by spraying 3 or 4 times at 8-hour intervals or as drying conditions require. Pool shall not be filled w/ water for min. 8 days after application of "Thoroseal/Acryl 60" mixture.
 - Contractor shall install "Tremproof 60" waterproof membrane on floor of lower pool prior to installing tile and tile grout. "Tremproof 60" shall be rolled on or brushed on as per mfr's instructions. "Tremproof 60" shall cure min. 24 hrs. before installation of tile grout and tile.
 Tile shall be Monarch "Calypso" 3" x 3" square mosaic tile, cobalt blue, glossy finish or equal. Tile shall be installed in 1/8" light sand grout. Tiles shall be installed on floor of lower pool.
 Contractor shall install aluminum plate @ maintenance opening. "Dow-Corning" clear silicon sealant shall be applied to sealant, contractor shall prime concrete and metal surfaces with primer coat of sealant. Contractor shall apply sealant to plate. Contractor shall install plate and over screws. Curing time is required between coats.



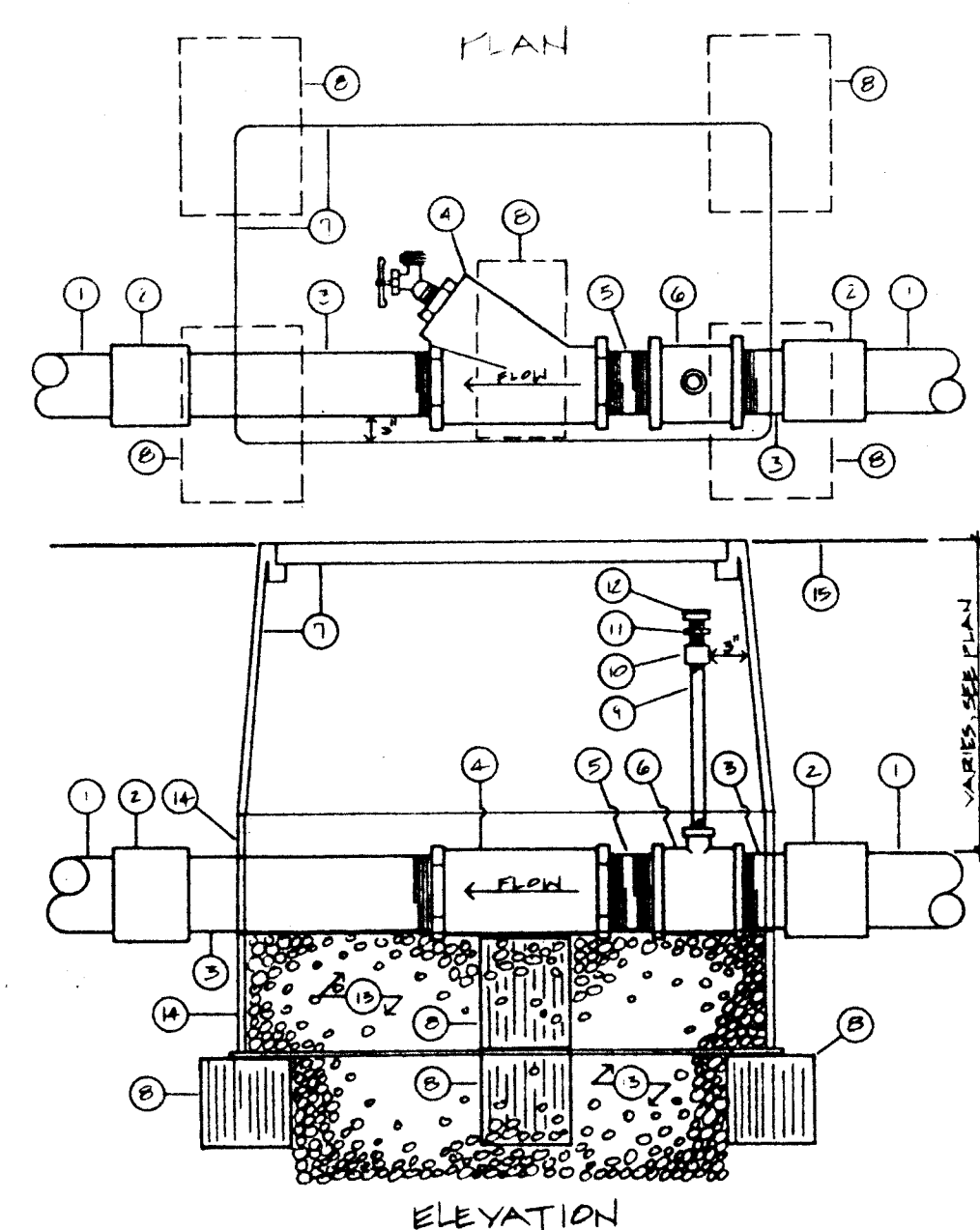
(A) WATERSTOP CONNECTION @ LOWER POOL
1" = 1'-0"



(B) EXPANSION JOINT @ LOWER POOL FLOOR
1" = 1'-0"

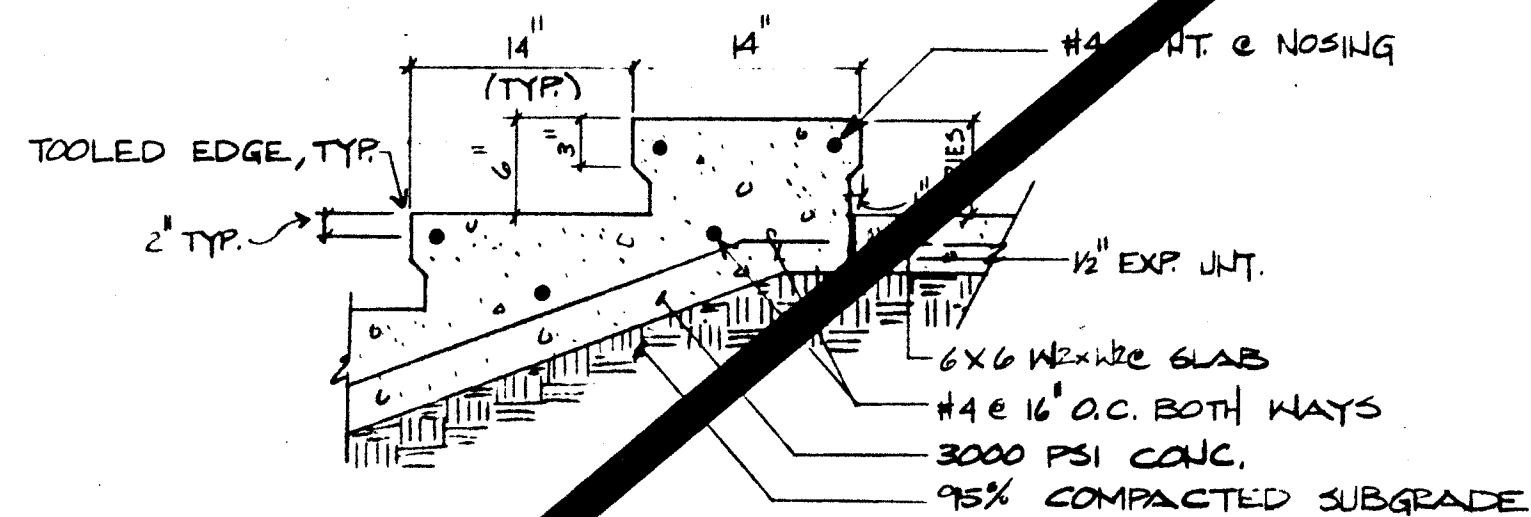


(C) EXP. JOINT/SEALANT
3" = 1'-0"

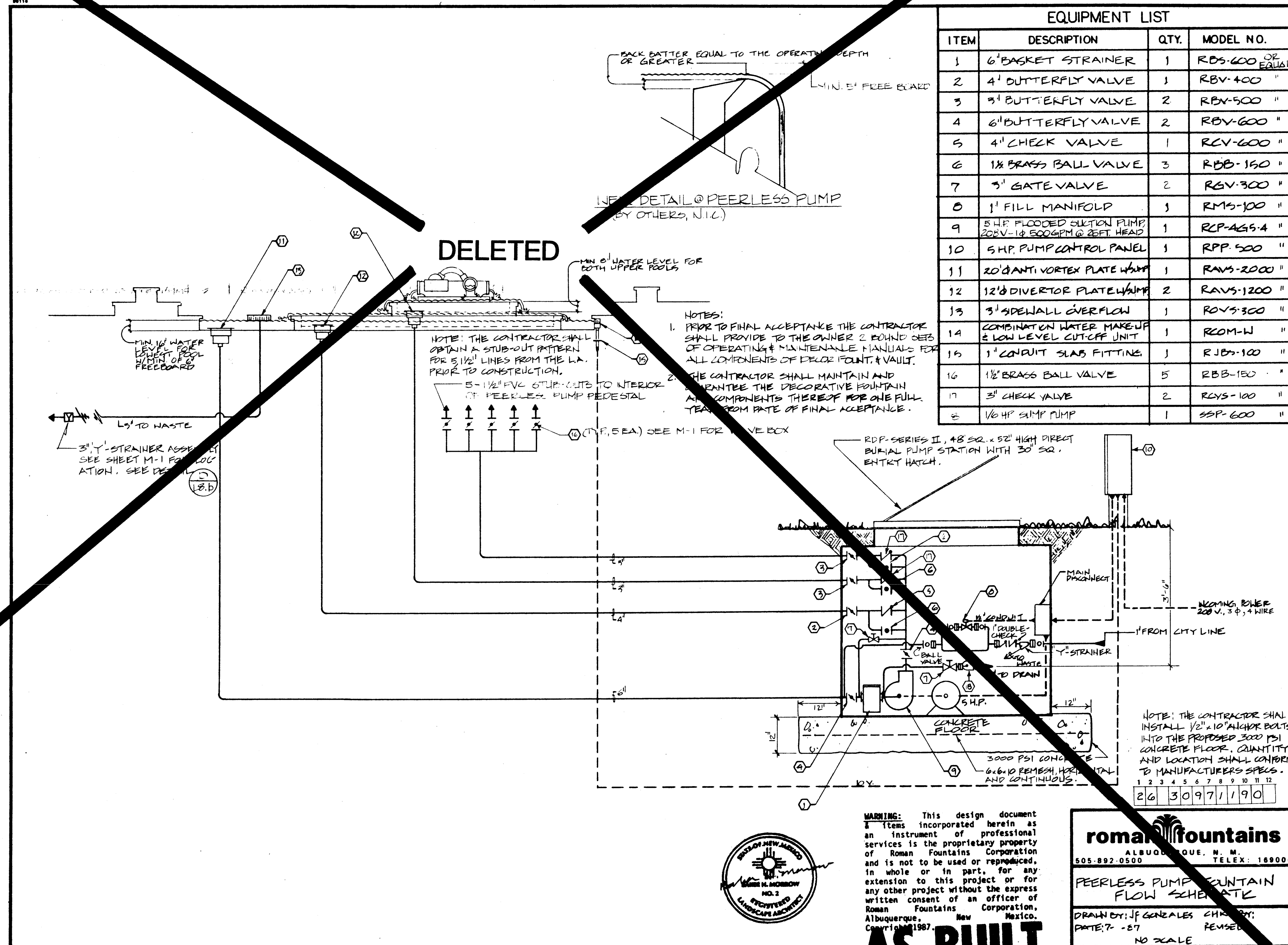


- 1 3" SIDEWALL OVERFLOW DRAIN LINE.
- 2 CLOW-VECA #3501-3A, 3" STRAIGHT COUPLING.
- 3 3" GALVANIZED TEE HIPPLE (LENGTH AS REQUIRED).
- 4 WILKINS TSBK-100-3, 3" Y-STRAINER.
- 5 3" X 3" CLOSE GALVANIZED HIPPLE.
- 6 3" X 3" 3/4" GALVANIZED TEE.
- 7 BROOKS H-1730 VALVE BOX W/ BOLT DOWN COVER.
- 8 CMU BLOCK.
- 9 3/4" X 8' GALVANIZED HIPPLE.
- 10 3/4" GALVANIZED COUPLING.
- 11 CHAMPION #B, 3/4" HIPTX 3/4" MALE HOSE ADAPTER.
- 12 CHAMPION #H, 3/4" HOSE CAP W/ RUBBER WASHER.
- 13 6 CUBIC FEET 1" WASHED RIVER ROCK.
- 14 BROOKS H-1730 SERIES B EXTENSION, QUANTITY AS REQUIRED.
- 15 FINISH GRADE.

(D) Y-STRAINER ASSEMBLY
1" = 1'-0"



(E) FOUNTAIN STEPS - SECTION
1" = 1'-0"



AS BUILT

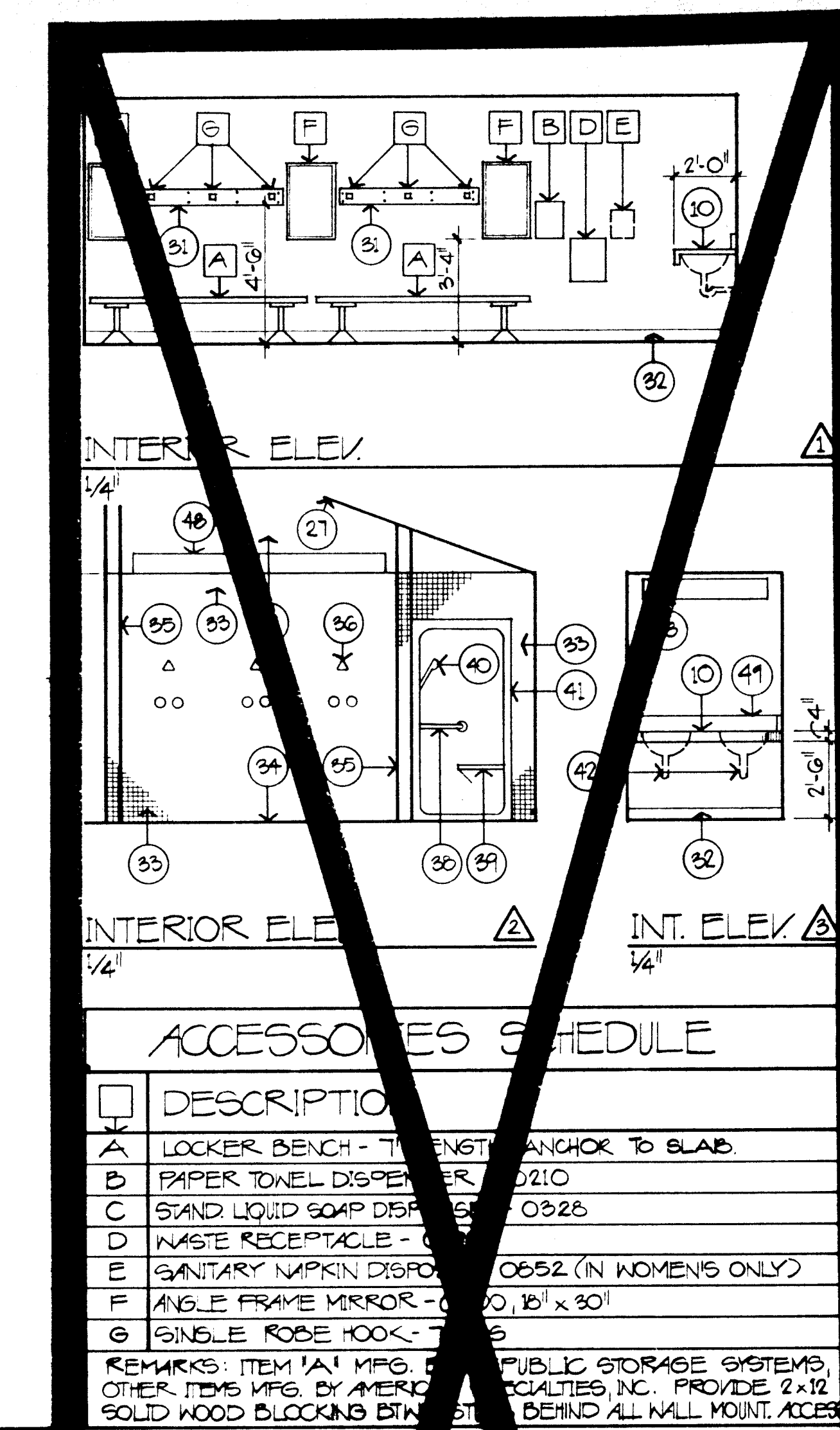
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ALBUQUERQUE, NEW MEXICO 87108
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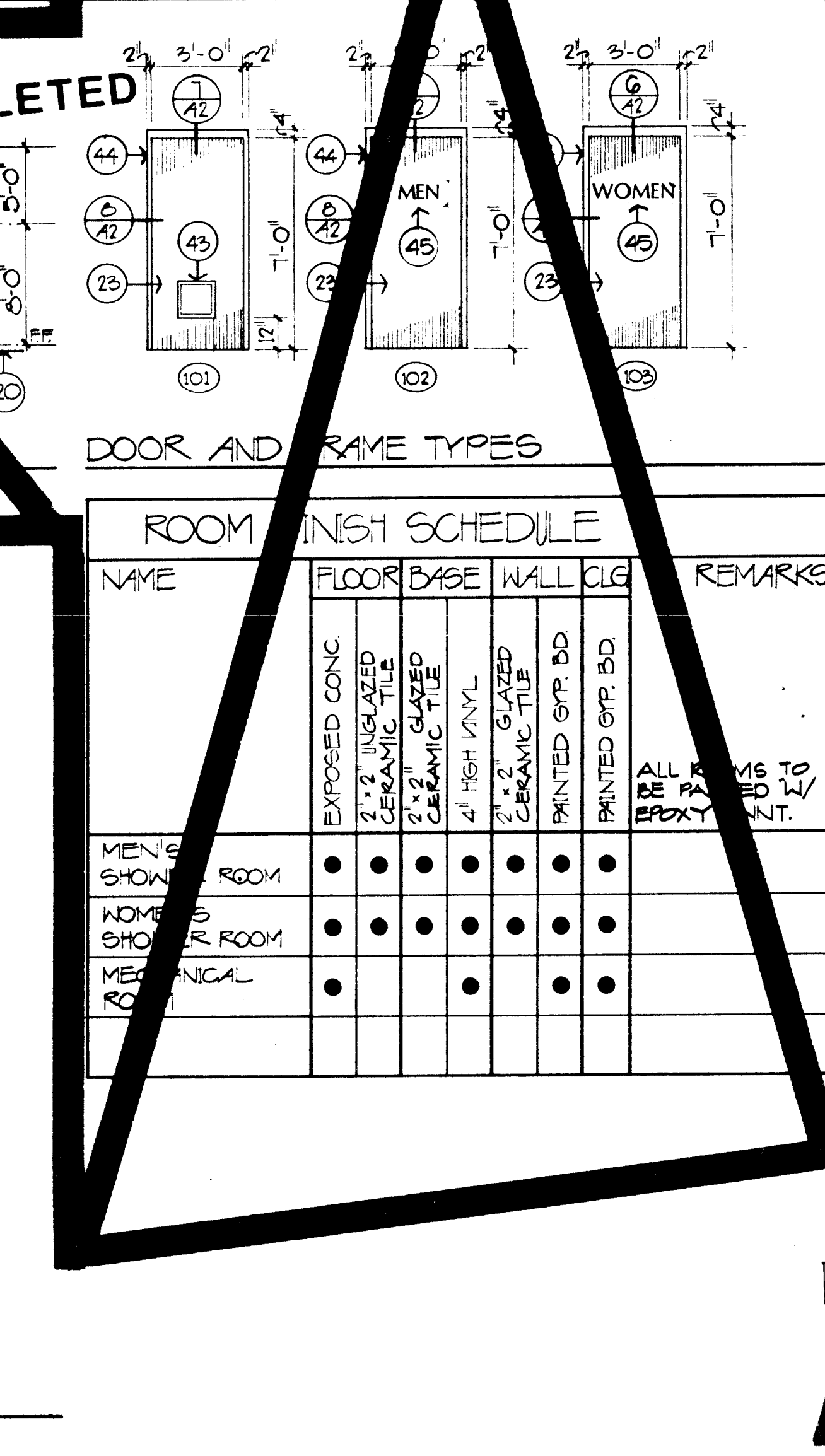
OCTOBER 1987
WATER CENTRAL CONTROL
5501 PINK ROAD, N.E.
DECORATIVE FOUNTAIN FLOW SCHEMATIC

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
L8.B

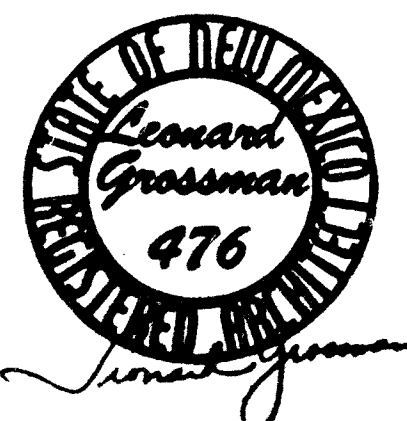


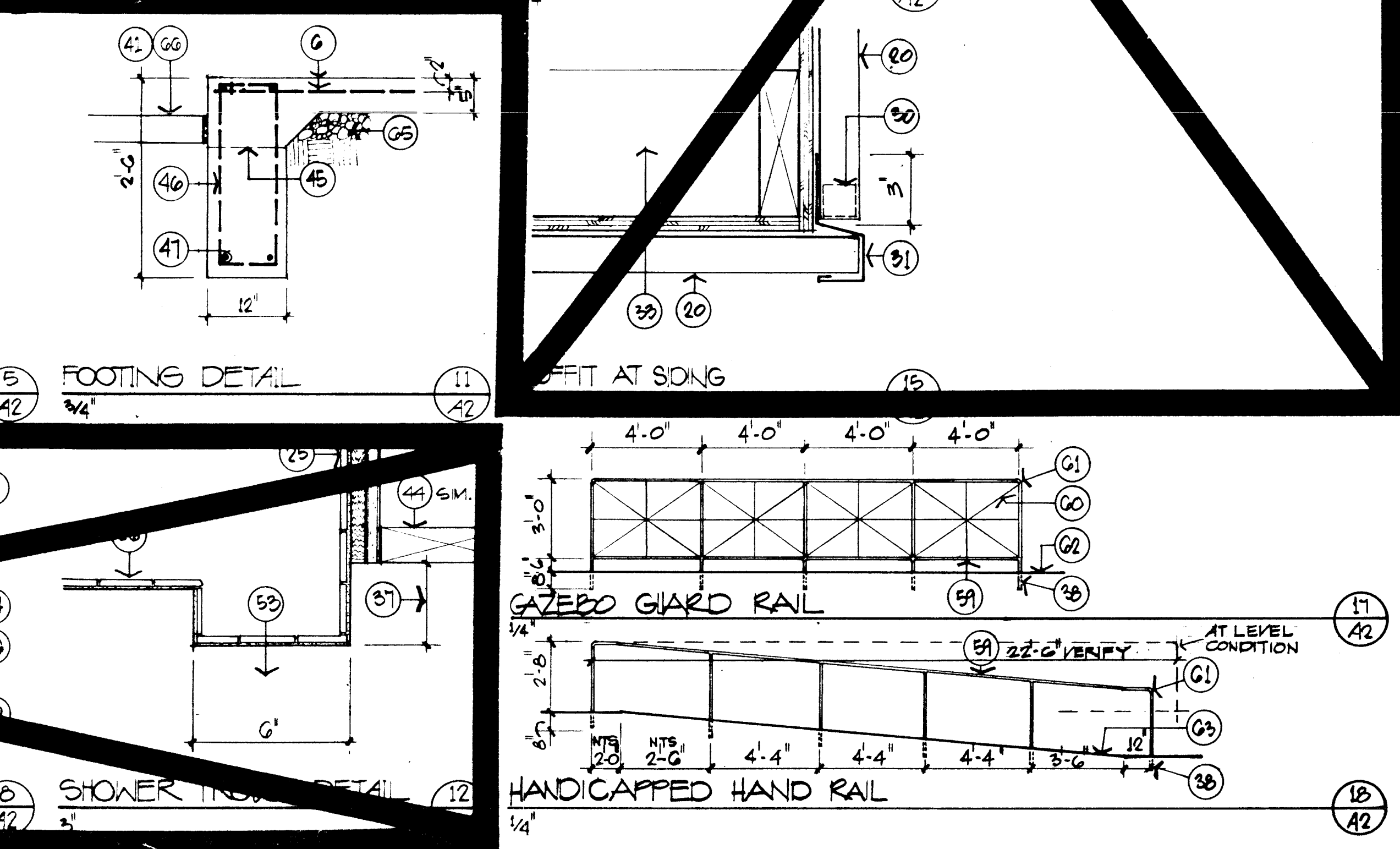
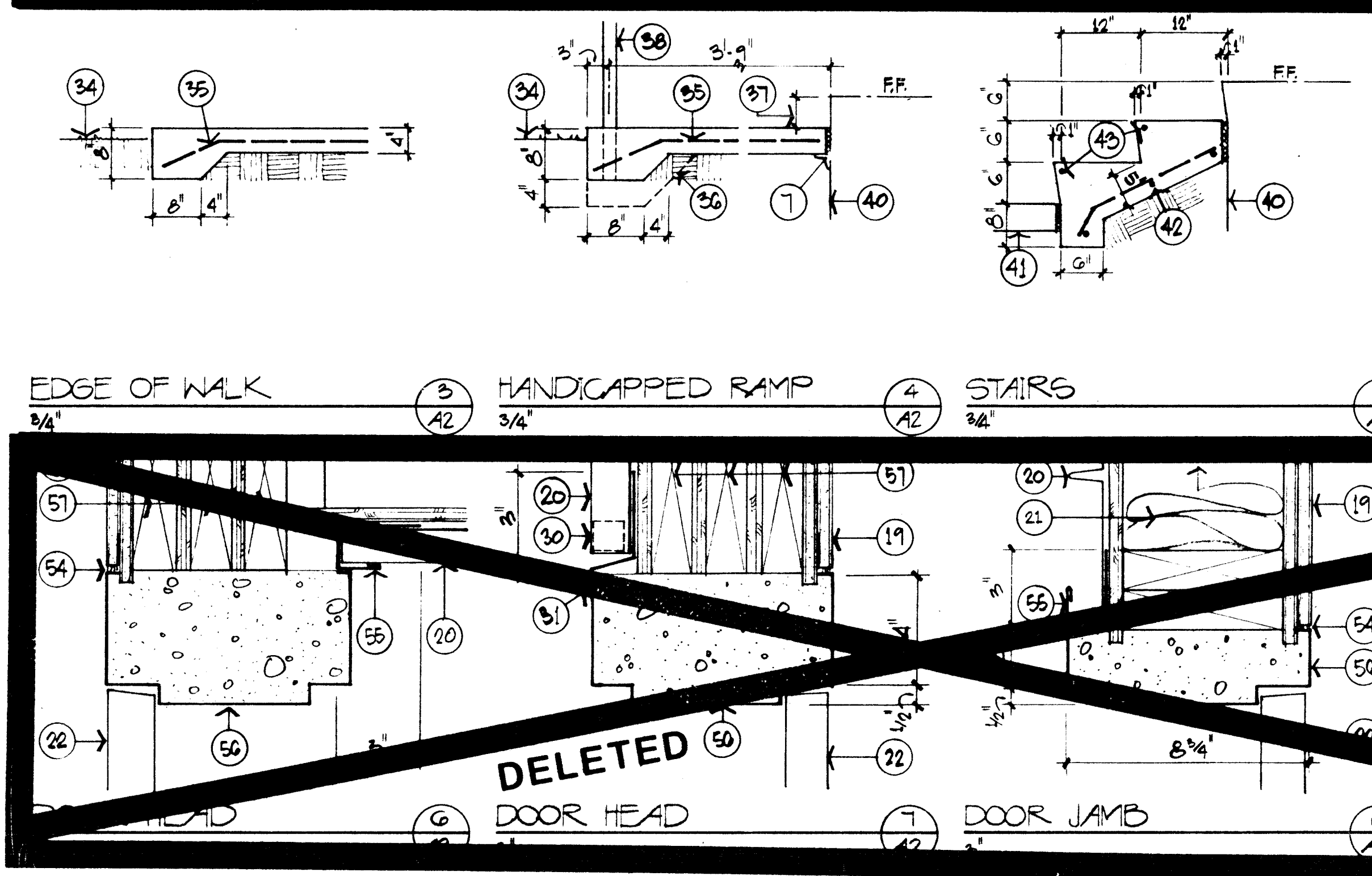
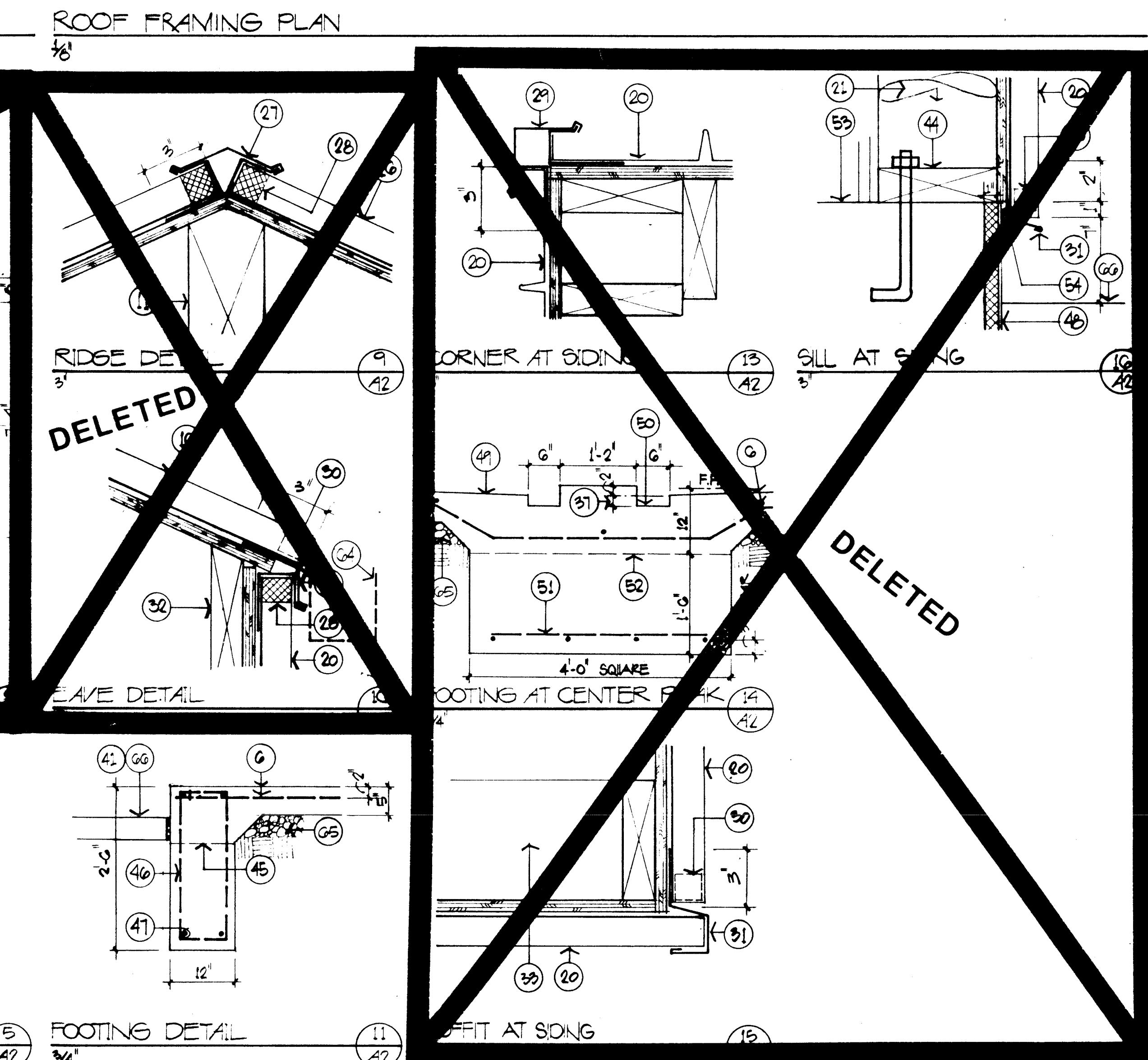
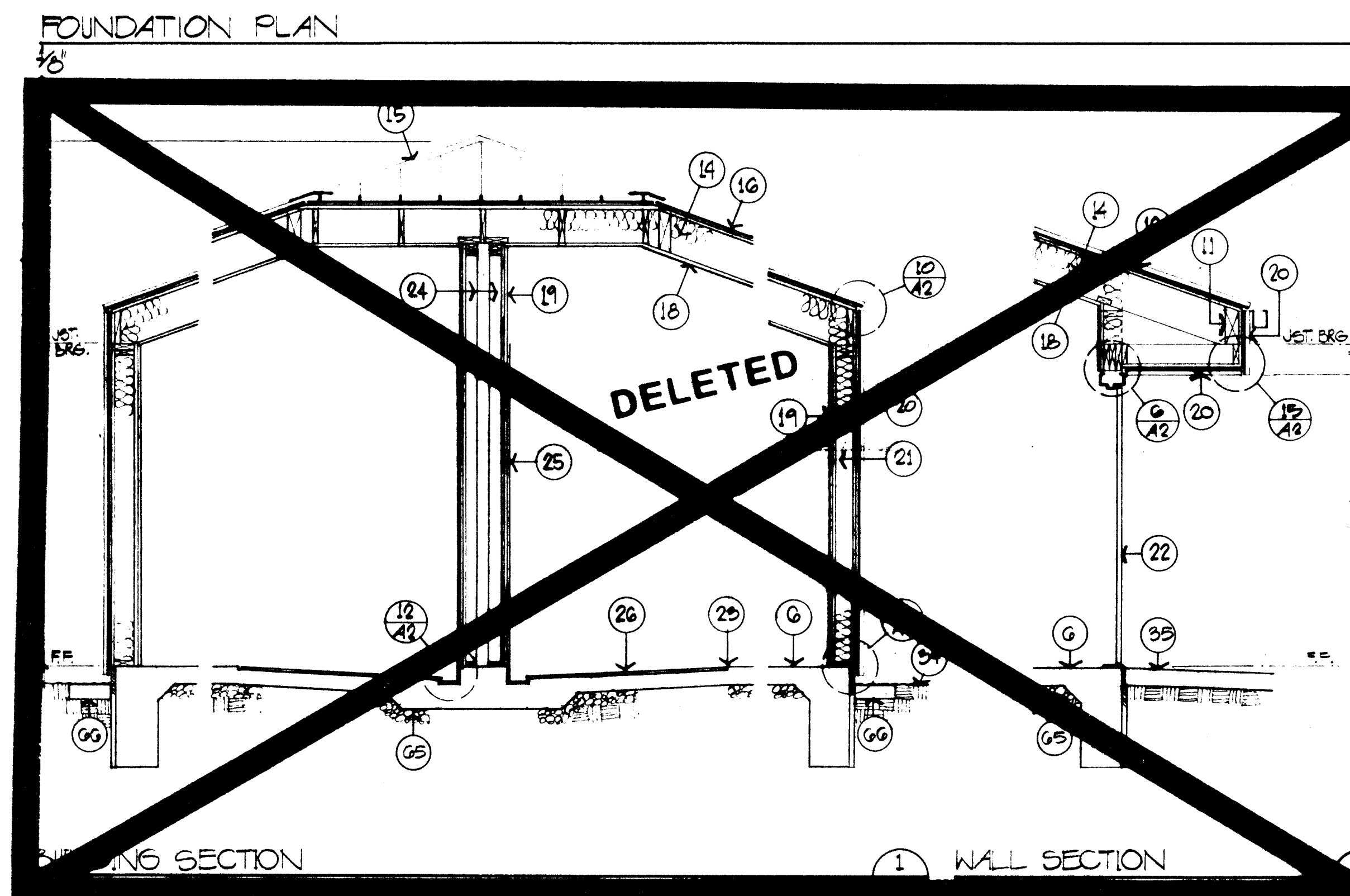
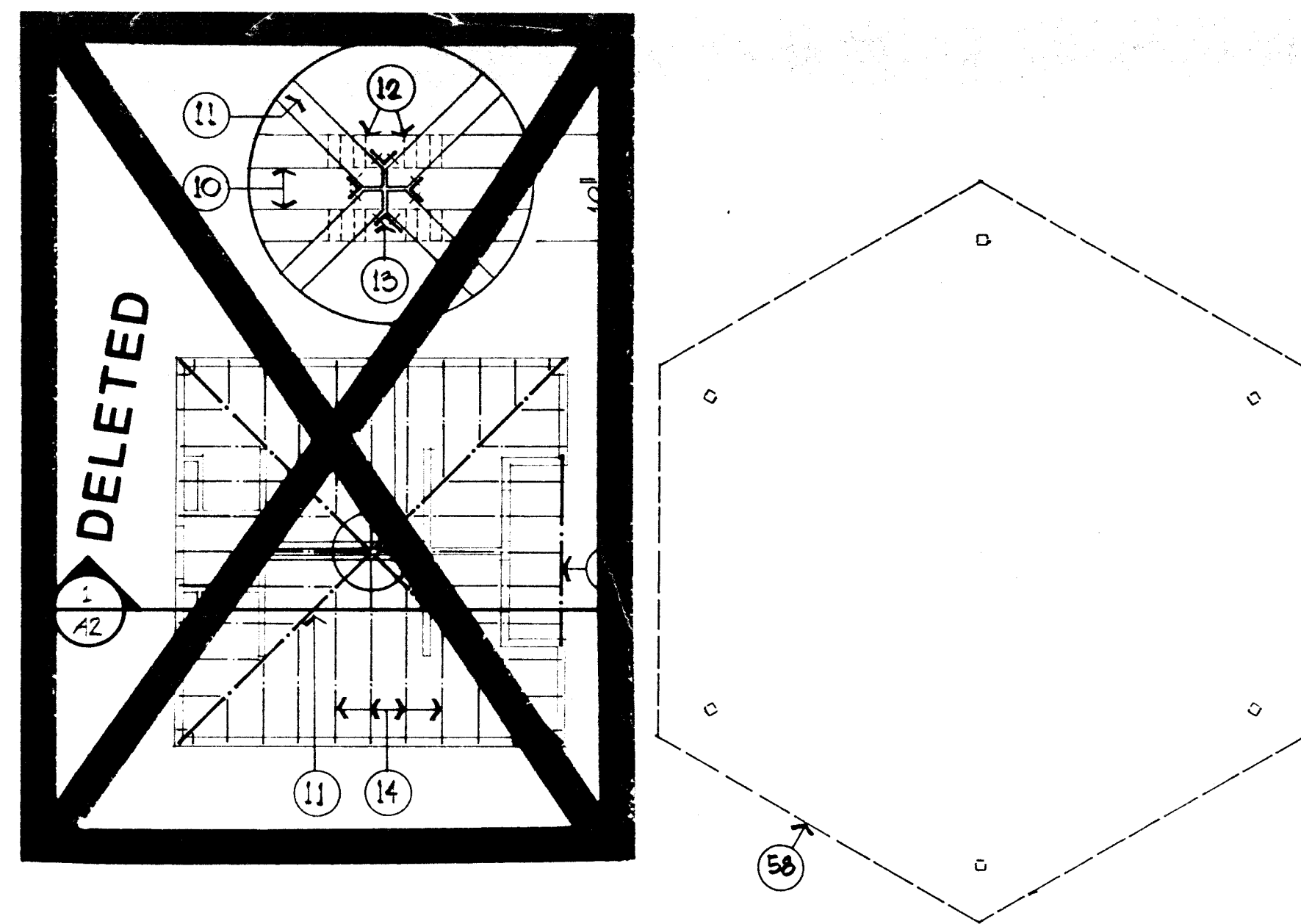
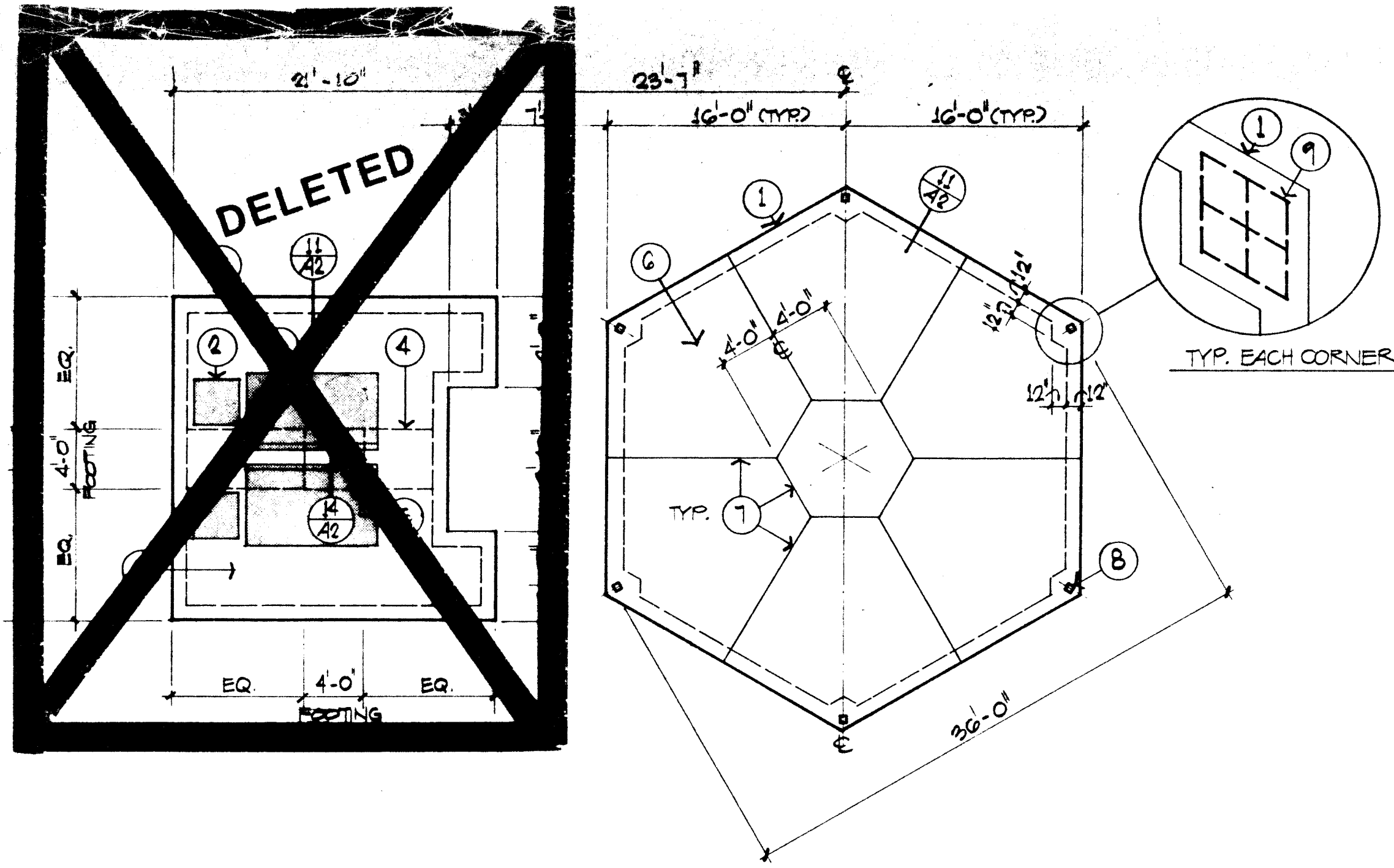
1. DASHED LINE INDICATES CERAMIC TILE ON WALL FROM FINISHED FLOOR TO 8" - 4" ABOVE FINISHED FLOOR.
2. EDGE OF TRAILING TROUGH, SLOPE TO TROUGH.
3. DRAIN AT CENTER OF TRAILING TROUGH TO DRAIN.
4. EDGE OF ROOFIT ABOVE.
5. THICKNESS EDGE OF CONCRETE WALL.
6. THICK CONCRETE WALL WITH SLOPE 24" 0.0 C.W.M.
7. Z66 STUDS AT 16" O.C. WITH 1/2" INSULATED INSULATION BETWEEN STUDS. METAL SIDING OVER 15# FELT OVER 1/2" WATERPROOF TYPE X GYPSUM BOARD ON THE INSIDE.
8. Z14 STUDS AT 16" O.C. WITH 5/8" WATERPROOF TYPE X GYPSUM BOARD ON INSIDE STUDS.
9. Z24 STUDS AT 16" O.C. WITH TWO LAYERS OF 1/2" WATERPROOF TYPE X GYPSUM BOARD ON BOTH SIDES. FACE LAYER TO BE GLASS REIN. HORTAL UNIT AT CERAMIC TILE.
10. 3/4" PLUMCO CONTORTOR AND SEALANT WITH PLASTIC INSULATION OVER 1/2" WATERPROOF, HORTAL AND ROOF.
11. 1/2" EXPANSION JOINT AT 65.5' A.N.T. DECON. S.S. REIN.
12. HAND RAIL AT RAMP. SEE DETAIL 17/2.
13. HAND RAIL AT GAZEO. SEE DETAIL 17/2A2.
14. 4" CONCRETE SLAB WITH 6X6-10" & 1/4" W.M.
15. SHROED AREA IDENTIFIES EXPOSED AGGREGATE. CONCRETE
16. CONCRETE STAIRS.
17. 6X6 METAL COLUMN (GAZEBO STRUCTURE).
18. METAL ROOFING OVER 15# FELT OVER 1/2" PLUMCO DECK.
19. METAL SIDING OVER 15# FELT OVER 1/2" PLUMCO DECK.
20. FINISHED GRADE.
21. METAL TRIM AT RIDGE.
22. INSULATING COVER 1/2" FELT OVER GAZEO ROOF DECK.
23. 3" X 7" X 1-3/4" 1/4" B.S. INSULATED METAL DECK.
24. SPILLING.
25. ROOF ROOFING AS SHOWN.
26. CEILING OF SHOWN STAIR.
27. 1/2" WATERPROOF TYPE X GYPSUM BOARD CEILING.
28. REDUCED LIGHT FIXTURE.
29. EXPOSED GAZEO FRAMING MEMBERS.
30. DASHED WOOD GRADE.
31. 1X6 CONTINUOUS SOLID HALL STRIP BETWEEN MIRRORS.
32. COULD ALSO COMPLY WITH WOOD PUGS.
33. 4" HIGH RISER.
34. 2" X 2" GLAZED CERAMIC TILE WALL. UP 8" - 4" FROM FINISHED FLOOR.
35. 2" X 2" GLAZED CERAMIC TILE SHOWER FLOOR.
36. WALLS TO GO UP TO BOTTOM OF CEILING.
37. HAND RAIL AT RAMP.
38. TWO LAYERS OF 1/2" TYPE X WATERPROOF GYPSUM BOARD ABOVE TILE.
39. STAIRS CAN GO TO COMPLY WITH ANSI STANDARDS.
40. HENCH SEAT TO COMPLY WITH ANSI STANDARDS.
41. BENCH SEATER HED, ROSE AND CONTROLS TO COMPLY WITH ANSI STANDARDS.
42. ANCHOR HINGED/ROOFER SHOWER DRAIN. SEE SHEET U2.
43. INSULATE W/THIN LINES AND DRAIN PIPE BELOW SINE.
44. 1/2" X 12" CONSTRUCTION AIR GRILLED IN DOOR.
45. 1/2" W.M. METAL FRAMES WITH GLASS.
46. PLUMED ROOF REMAINS, OPTIMA TYPE. LETTERING 5-1/2" TALL. BOTTOM OF LETTERING AT 5'-4" FROM FINISHED FLOOR. SEE CASE.
47. DRAINAGE BULB.
48. ROOF FINISH SIMILAR TO NOTE 19.
49. CURT FUTURE.
50. 6" HIGH BACKSHIELD. CALK AT WALL.
51. 1/4" EDGED GLAZED PLUM BOARD OVER PERIMETER
52. OPEN EDGED BOX GUTTER, 3/4" X 4 1/4" WITH OUTER STRIPS AT 86.0' O.C.
53. AREA OF 65.5' W.M. VERTICAL UNIT ON TOP OF GAZEO IN NOTE D.



1	2	3	4	5	6	7	8	9	10	11	12
2	6		3	0	9	7	1	2	9	0	

AS BUILT





- SPECIFIC NOTES**
1. EDGE OF TURNED DOWN SLAB.
 2. RECESS SLAB AS RECOMMENDED BY THE HANDICAPPED SHOWER STALL MANUFACTURER. SEE SHEET M-2.
 3. SLOPE SLAB DOWN TO DRAINAGE TROUGH AND SLOPE TROUGH TO CENTER DRAIN.
 4. SLAB THICKENED TO 12" AT THIS AREA.
 5. CONCRETE FOOTING UNDER BUILT UP 2X4 WALL.
 6. 5" CONCRETE SLAB WITH #4 AT 24" O.C. E.W.
 7. 1/2" EXPANSION JOINT INSULANT DECONTINUE SLAB FENCE.
 8. LOCATE REQUIRED 3/4" X 14" LONG WITH 4" HOOK ANCHOR BOLT AT EACH COLUMN.
 9. 3-#4 E.W. AT BOTTOM OF FOOTING.
 10. 2X4 CHASE WALLS BELOW.
 11. KILL BEAM, SHAPE TOP TO CONFORM WITH SLOPE.
 12. PROVIDE 3-2X4 STUDS UNDER BEAMS.
 13. PROVIDE 4-SIMPSON L78 ANGLES AT BEAM INTERSECTIONS.
 14. 2X6 JOISTS AT 24" O.C. ATTACH TO BEAMS WITH SIMPSON SUB/SUB/L218 JOIST HANGERS. PROVIDE R-19 BLANKET INSULATION BETWEEN JOISTS.
 15. EDGED METAL ROOF BEYOND.
 16. METAL ROOFING OVER 15# FELT OVER 1/2" PLYWOOD DECK.
 17. NOT USED.
 18. 5/8" WATERPROOF TYPE X GYPSUM BOARD CEILING.
 19. 2 LAYERS OF 1/2" WATERPROOF TYPE X GYPSUM BOARD.
 20. METAL SIDING OVER 15# FELT OVER 1/2" PLYWOOD SHEATHING.
 21. 2X6 STUDS AT 16" O.C. WITH R-19 BLANKET INSULATION.
 22. HOLLOW METAL DOOR.
 23. RECESS SLAB AT EDGE OF CERAMIC MOSAIC TILE. MAINTAIN MINIMUM SLAB THICKNESS.
 24. 2X4 STUDS AT 16" O.C.
 25. 2" X 2" GLAZED CERAMIC MOSAIC TILE OVER 1/2" GLASS REIN. PORTLAND CEMENT UNIT OVER 1/2" WATERPROOF TYPE X GYPSUM BOARD.
 26. 2" X 2" UNGLAZED CERAMIC MOSAIC TILE OVER CONCRETE SLAB.
 27. 24 GA. "J" CLOSURE AND HIP COVER. SAME COLOR AS PANEL.
 28. TOP CLOSURE.
 29. 24 GA. "J" CLOSURE AND CORNER CAP. SAME COLOR AS PANEL.
 30. BOTTOM CLOSURE.
 31. 24 GA. DRIP SHELF. SAME COLOR AS PANEL.
 32. 2X CONTINUOUS HEADS.
 33. 2X6 AT 16" O.C.
 34. FINISHED GRADE.
 35. 4" THICK CONCRETE SLAB WITH #6S - W1.4 X W1.4 MM.
 36. THICKENED SLAB AS SHOWN AT RAILING POSTS.
 37. FINISHES.
 38. SET METAL RAILING IN 8" DEEP METAL SLEEVE. FILL GAP WITH WELDER LEAD. VERTICAL SLEEVE TO BE GLAZED.
 39. NOT USED.
 40. EDGE OF GABLED FOOTING.
 41. SINGULAR SLAB.
 42. #4 AT 12" CENTERS E.W.
 43. CONTINUOUS #4 AT RAILING.
 44. 2X6 TREATED PLATE WITH 1/2" X 18" X 2" ANCHOR BOLTS AT 4'-0" O.C. 7" MINIMUM SPACED AND WITHIN 12" OF CORNER.
 45. BOTTOM OF EXPANSION JOINT.
 46. #4 AT 48" O.C.
 47. 2-#4 CONTINUOUS TOP AND BOTTOM.
 48. 1/4" THICK GLAZED PANELS OVER 1" PERIMETER INSULATION. TERMINATE GLAZED PANELS 12" BELOW FINISHED GRADE. ATTACH TO INSULATION WITH APPROPRIATE ADHESIVE. PERIMETER NAIL TO TERMINATE AT BOTTOM OF FOOTING.
 49. SLOPE SLAB DOWN TO DRAIN.
 50. BOTTOM OF TROUGH. SLOPE TO DRAIN.
 51. 4-#4 E.W.
 52. BOTTOM OF THICKENED SLAB BEYOND.
 53. THICKENED SLAB.
 54. CONTINUOUS CHALKING. TYPICAL AT ALL JOINTS.
 55. 24 GA. 1" THIN. SAME COLOR AS PANEL.
 56. HOLLOW METAL FRAME FILL WITH CONCRETE.
 57. 3-2X6 LIMBS WITH PLYWOOD BRIMS.
 58. GABLE STRUCTURE PROVIDED BY W.H. PORTER, INC.
 59. 2" DIAMETER STEEL HANDRAIL. ALL JOINTS TO BE WELDED AND GROUND SMOOTH.
 60. 1/2" SQUARE STEEL ROD INTERMEDIATE MEMBERS. ALL ROADS TO BE ON THE SAME PLANE AND WELDED AT BUTT JOINTS.
 61. PROVIDE RADIUS AT TOP CORNER.
 62. TOP OF GABLED SLAB.
 63. TOP OF SLOPED RAMP.
 64. OPEN ENDED BOX GUTTER. 3" X 4" N/GUTTER STRAPS @ 50' O.C. MAX. WHERE SHOWN ON ROOF PLAN.
 65. #4 GRAVEL BASE COURSE.
 66. CONCRETE APRON AT SHOWER BUILDING. SEE SHEET L-4.

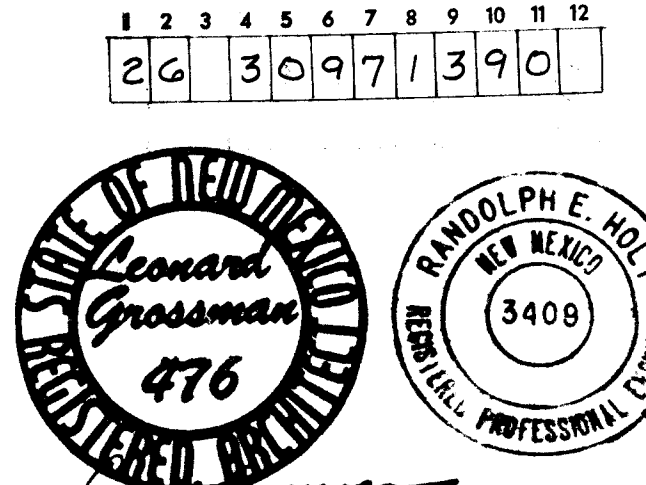
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WATER CENTRAL CONTROL
5501 PHO ROAD NE
GAZEBO STRUCTURE & SHOWER BUILDING
STRUCTURAL SECTIONS & DETAILS
OCTOBER 1987

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
NEW MEXICO DEPARTMENT OF
ALBUQUERQUE, NEW MEXICO

SHEET
A2



AS BUILT

EASTWORK NOTES

- IF UNSUITABLE CONDITIONS ARE ENCOUNTERED AT ANY FOOTING AREA, CONTRACTOR SHALL NOTIFY ARCHITECT AND CEASE WORK IN THAT AREA UNTIL FURTHER NOTICE.
- WHERE FOUNDATIONS OR OTHER CRITICAL ELEMENTS ARE TO BE SUPPORTED ON ENGINEERED FILL, OBSERVATIONS AND TESTS OF GRADING OPERATIONS SHALL BE MADE BY A GEOTECHNICAL ENGINEER. ALL TESTS SHALL BE PERFORMED IN ACCORDANCE WITH PROCEDURES SET FORTH IN THE STANDARDS OF THE AMERICAN SOCIETY OF TESTING AND MATERIALS, ASTM.
- ALL VEGETATION AND DEBRIS SHALL BE REMOVED FROM THROUGHOUT THE SITE. STUMPS, MATTED ROOTS AND ROOTS LARGER THAN 2 INCHES IN DIAMETER SHALL BE REMOVED FROM WITHIN 6 INCHES OF THE SURFACE OF AREAS ON WHICH FILLS ARE TO BE CONSTRUCTED. ANY SOILS LOOSENED BY THE REMOVAL OF STUMPS, ROOTS, ETC. SHALL BE REMOVED TO THE SATISFACTION OF A SOILS ENGINEER.
- THE SURFACE OF THE NATIVE SOILS EXPOSED AFTER COMPLETION OF THE EXCAVATION SHALL BE SCARIFIED TO A DEPTH OF 12" MINIMUM, BROUGHT TO +2 PERCENT OF OPTIMUM MOISTURE CONTENT AND COMPACTED AS REQUIRED BELOW.
- MECHANICAL COMPACTION EQUIPMENT SHALL BE USED IN ALL GRADING OPERATIONS. IN NO CASE SHALL "WATER SETTLING" OR JETTING BE EMPLOYED. WHERE VIBRATORY COMPACTION EQUIPMENT IS USED IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT VIBRATIONS DO NOT DAMAGE NEARBY BUILDINGS OR OTHER ADJACENT PROPERTY.
- NO BRUSH, SOD, FROZEN MATERIAL, OR OTHER PERISHABLE OR UNSUITABLE MATERIAL SHALL BE PLACED IN THE FILL. DISTRIBUTION OF MATERIAL SHALL BE SUCH AS TO AVOID LENSES DIFFERING SUBSTANTIALLY FROM THE SURROUNDING MATERIAL. MATERIALS SHALL BE DELIVERED TO THE FILL IN SUCH A MANNER AS TO RESULT IN A WELL AND UNIFORMLY COMPACTED FILL. LIFTS SHALL HAVE A LOOSE THICKNESS OF NOT MORE THAN 8 INCHES UNLESS OTHERWISE AUTHORIZED BY THE SOILS ENGINEER.
- FILL MATERIALS FOR FOOTINGS SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS AS DETERMINED BY ASTM D422:

SIEVE SIZE	PERCENT PASSING
3 INCH	100
NO. 200	15 - 50

- THE PLASTICITY INDEX SHALL NOT EXCEED 15.
- FILL PLACED FOR SLAB SUPPORT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D1557 AT OPTIMUM MOISTURE CONTENT +2 PERCENT.
 - UNLESS OTHERWISE SPECIFIED ALL EARTH BACKFILL SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AT +2 PERCENT OF OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557. WHERE EARTH FILL IS REQUIRED ON BOTH SIDES OF WALLS, THE FILL SHALL BE BUILT UP SYMMETRICALLY ON BOTH SIDES OF THE WALL. WHERE EARTH FILL IS REQUIRED ON ONE SIDE ONLY, THE FILL SHALL NOT BE PLACED UNTIL THE CONCRETE HAS ACHIEVED ITS FULL WORKING STRENGTH UNLESS THE WALL IS RIGIDLY BRACED.
 - ALLOWABLE SOIL BEARING CAPACITY = 1000 PSF ON NATURAL UNDISTURBED SOIL (AS NOTED)

CONCRETE & REINFORCING NOTES

- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS LISTED BELOW:
F'C = 4000 PSI (AIR ENTRAINED) ALL EXTERIOR SIDEWALKS, STAIRS, SLABS, PAD, CURBS AND CUTTINGS. DOES NOT INCLUDE BUILDING FOUNDATIONS.
F'C = 3000 PSI ALL CAST-IN-PLACE CONCRETE FOR THE STRUCTURE.
- ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 40, MINIMUM YIELD STRENGTH OF 40,000 PSI; ALL TIES SHALL BE ASTM A615, GRADE 40, MINIMUM YIELD STRENGTH OF 40,000 PSI. REINFORCING TO BE WELDED SHALL HAVE A CARBON EQUIVALENT IN ACCORDANCE WITH TABLE 5.2 OF THE STRUCTURAL WELDING CODE, REINFORCING STEEL, AND D1.4-79. ALL WELDING OF REINFORCING SHALL BE IN ACCORDANCE WITH AWS D1.4-79.
- ALL CONCRETE AND REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 301-72 AND THE ACI STANDARD DETAILING MANUAL, ACI 315-88.
- PROVIDE STEEL BAR SUPPORTS AND SPACERS FOR REBAR IN ACCORDANCE WITH ACI 315 AND STEEL CHAIRS WITH 22 GAUGE SAND PLATES FOR ALL REBAR BEARING ON GRADE. NO PLASTIC, WOOD OR BRICK SUPPORTS WILL BE PERMITTED.
- WHERE LAPPED SPLICES IN REINFORCING OCCUR, THE LAP SHALL BE MADE AS FOLLOWS: HORIZONTAL AND VERTICAL REINFORCING 30 BAR DIAMETERS OR 24" MINIMUM UNLESS OTHERWISE NOTED.
- ALL HORIZONTAL REINFORCING IN CONTINUOUS FOOTINGS AND WALLS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP 30 BAR DIAMETERS OR 24" MINIMUM.
- VERTICAL BULKHEADS IN FOOTINGS AND STEM WALLS ARE PERMITTED AT POINTS NO CLOSER THAN 10'-10" FROM ANY CORNER OR INTERSECTION. HORIZONTAL REINFORCING SHALL BE CONTINUOUS THROUGH BULKHEADS. NO SPLICES SHALL BE MADE WITHIN 5'-0" OF ANY BULKHEAD.
- CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
FOOTINGS - 3" FROM BOTTOM AND SIDES, 2" FROM TOP.
PIEDESTALS AND COLUMNS - 1-1/2" FROM TIES.
GRADE BEAMS - 3" FROM BOTTOM, 2" FROM TOP AND 1-1/2" FROM SIDES.
BEAMS - 1-1/2" FROM STIRRUPS TO TOP, BOTTOM AND SIDES.
SLABS ON GRADE - AS NOTED ON DRAWINGS.
BASEMENT AND RETAINING WALLS - AS NOTED ON DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT ALL REBAR IS PROPERLY ALIGNED AND TIED IN PLACE BEFORE PLACING CONCRETE. ALL VERTICAL STEEL SHALL BE ACCURATELY LOCATED AND SECURED IN PLACE SO THAT IT REMAINS IN THIS POSITION DURING THE PLACING OPERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TIE BARS WHERE REQUIRED. STICKING OF DOWELS, ANCHOR BOLTS, ETC., INTO WET CONCRETE WILL NOT BE ACCEPTABLE. ANY REINFORCING OR OTHER EMBEDDED ITEMS FOUND TO BE IMPROPERLY INSTALLED SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- SHOP DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR FOR APPROVAL BEFORE ANY FABRICATION AND ERECTION IS STARTED. POORLY EXECUTED SHOP DRAWINGS SHALL BE REJECTED AND RESUBMITTED. PRIOR TO SUBMITTAL TO THE ARCHITECT, ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR AND SHALL BE STAMPED. STAMP SHALL CONTAIN NAME OF COMPANY, DATE, REVIEWER'S SIGNATURE AND INDICATION OF APPROVAL OR DISAPPROVAL.

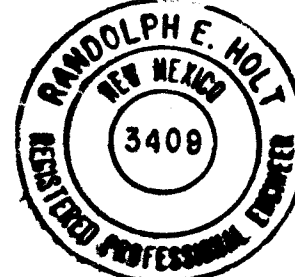
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MISCELLANEOUS NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING AND BRACING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.
- ROOF AND FLOOR OPENINGS: SEE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR THE REQUIRED LOCATION AND SIZE OF ROOF AND FLOOR OPENINGS.
- ALL TRADES SHALL COORDINATE AND VERIFY ALL OPENINGS IN ROOF, FLOORS, WALLS AND BEAMS WITH THE GENERAL CONTRACTOR AND ARCHITECT.
- THE MECHANICAL CONTRACTOR SHALL FURNISH ALL NECESSARY FOUNDATIONS AND SUPPORT STRUCTURES FOR MECHANICAL EQUIPMENT AND ALL NECESSARY HANGING DEVICES AND INSERTS FOR INSTALLATION OF MECHANICAL EQUIPMENT.
- WHERE CONFLICTS OCCUR BETWEEN SPECIFICATIONS, REFERENCED CODES, NOTES AND WORKING DRAWINGS, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
- DESIGN DATA

LOADS	LOCATION	DEAD LOAD	LIVE LOAD
	ROOF	12.0 PSF	20.0 PSF
WIND AS PER UBC - 1985 (METHOD 1)			
1. V = 75 MPH			
2. C _e = 15 PSF			
3. HEIGHT = 8-20 FEET - C _e = 1.2			
a. WINDWARD C _e = .8			
C _e = 14.4 PSF			
b. LEeward C _e = .5			
P _L = 9.0 PSF			
SEISMIC - ZONE 2.			

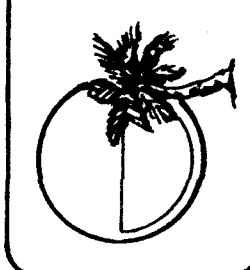
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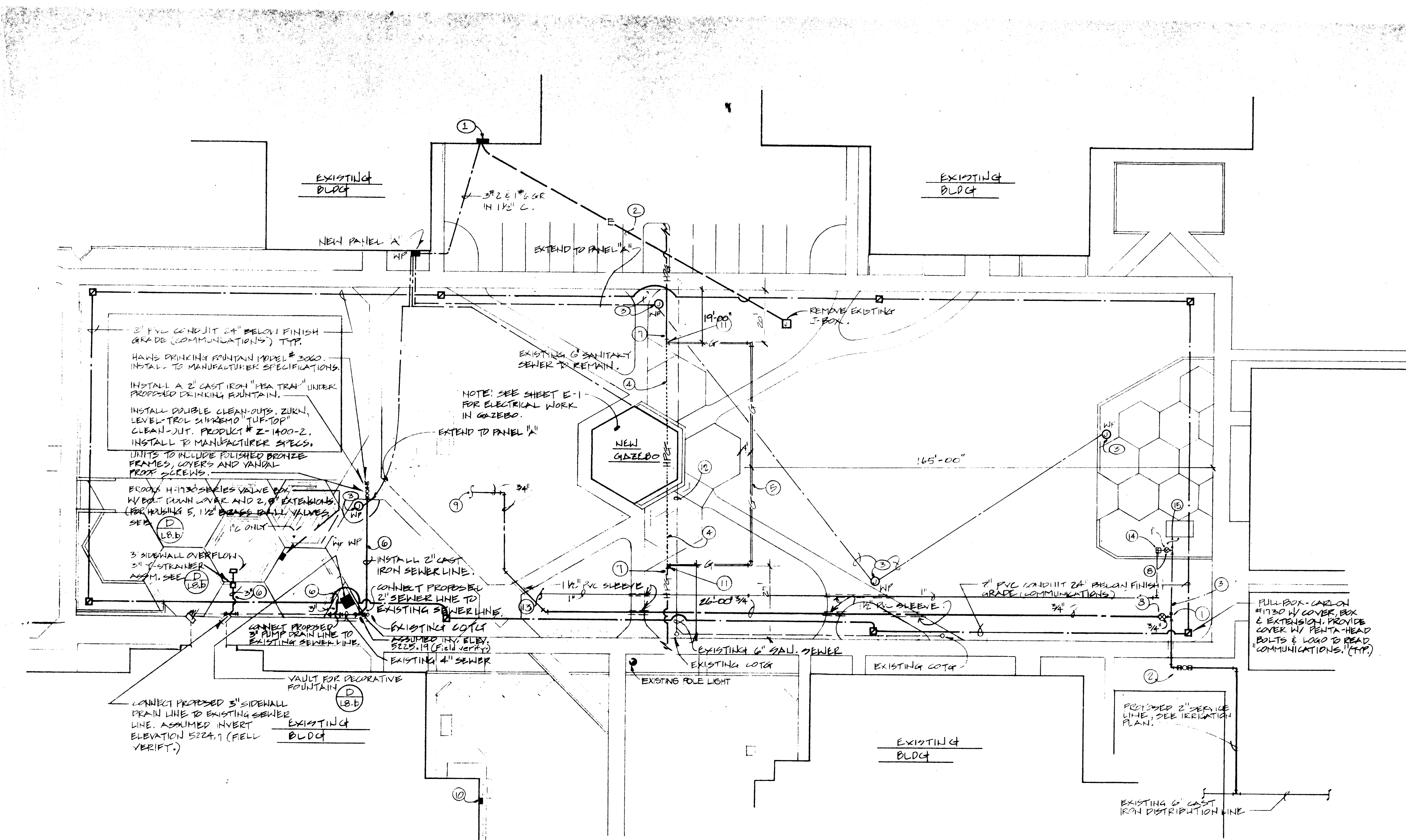
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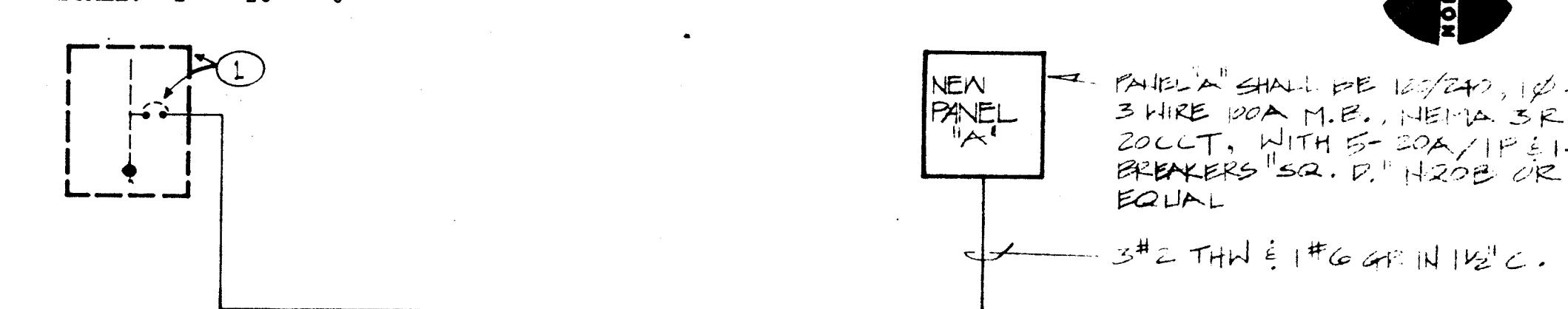
WATER CENTRAL CONTROL
5501 PRO ROAD NE
GAZEBO STRUCTURE & SHOWER BUILDING
STRUCTURAL NOTES
OCTOBER 1987

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEM FACILITY SITES
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
A3



UTILITIES SITE PLAN
SCALE: 1" = 20' - 0"



PARTIAL POWER RISER DIAGRAM (ADD ALT. #4)

- ELECTRICAL KEYED NOTES**
- 1. EXISTING PANEL AND 100 AMP SUB-FEED CIRCUIT BREAKER.
 - 2. EXISTING 3 #2 THW + 1 #6 OR 1-1/4" C (REMOVE CONDUITS, CAP & ABANDON CONDUIT.)
 - 3. J. BOX FOR CONNECTION OF FUTURE LIGHTING. STUB 6" ABOVE FINISH GRADE. PROVIDE 3/4" CONDUIT WITH PULL WIRE TO PANEL 1A.

MECHANICAL CONTRACTOR NOTE:

THESE DRAWINGS REFLECT INFORMATION UTILITIES GATHERED BY UTILITIES ENGINEERING OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS. PROVIDED TO ARCHITECT. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDINGS MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED & IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT THE ARCHITECT MAKE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, ABANDONING OR RELOCATING OF SUCH LINES. GAS COMPANY SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF NATURAL GAS PIPING. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED TO CLEAR CONSTRUCTION (IF ACTIVE) AND SHALL BE REMOVED IF INACTIVE BY THIS CONTRACTOR UNDER THIS CONTRACT. CONTRACTOR SHALL PAY FOR ANY AND ALL COSTS OF PERMITS, LINE EXTENSIONS, METER INSTALLATION, ETC., AS REQUIRED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS AND LOCAL GOVERNING GAS COMPANY.

GENERAL MECHANICAL UTILITIES NOTES:

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO MECHANICAL UTILITIES INCLUDING: TRENCHING; BACKFILL; SUPPORTS; CLEAN-OUT PADS; SERVICE STOPS AND BOXES; SERVICE LINES; TESTING; CLEANING; AND STERILIZING.

MINIMUM DEPTHS BELOW GRADE (COVER): WATER--30" SEWER--24" GAS--18"

REFER TO ARCHITECTURAL PLANS FOR FINISH AND EXISTING GRADES.

THE CONTRACTOR SHALL COORDINATE CUTOFF OF EXISTING UTILITIES FOR NEW CONNECTIONS WITH LOCAL UTILITIES ENGINEERING OFFICIALS AND SHALL CONFORM TO THEIR REQUIREMENTS.

UTILITIES CONNECTION POINTS ARE APPROXIMATE ONLY. CONTRACTOR SHALL SATISFY HIMSELF AS TO EXISTING SITE CONDITIONS BEFORE SUBMITTING HIS PRICE. VERIFY EXACT SIZE, LOCATION AND DEPTH OF EXISTING SEWER BEFORE SETTING ANY NEW INVERTS. VERIFY EXACT SIZE, LOCATION AND PRESSURE OF EXISTING WATER AND GAS MAINS.

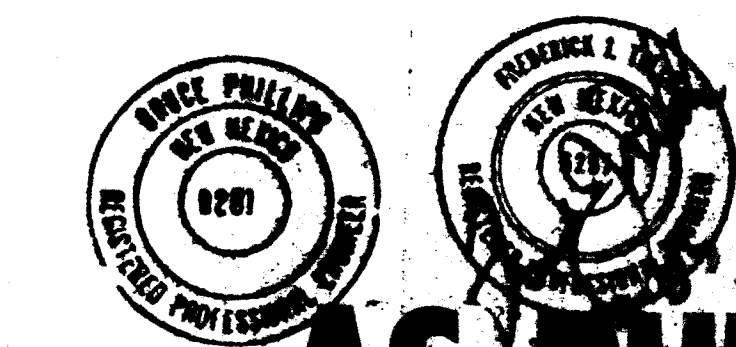
CONTRACTOR SHALL CONNECT NEW SERVICE LINES AS APPROVED AND DIRECTED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS AND SHALL CONFORM TO THEIR REQUIREMENTS.

MECHANICAL CONTRACTOR SHALL COORDINATE ALL UTILITY WORK WITH LANDSCAPE PLANS TO MISS ALL LARGE TREES, PLANTERS, ETC.

MECHANICAL CONTRACTOR SHALL SLOPE ALL SEWER MAINS AS REQUIRED TO INSURE CONNECTION TO EXISTING SEWER MAIN WITH ADEQUATE SLOPE.

- NOTES:**
- 1. CONNECT NEW SERVICE LINE TO PROPOSED MAIN AS APPROVED AND DIRECTED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS AND OWNER AND CONFORM TO THEIR REQUIREMENTS.
 - 2. PROPOSED WATER METER, SEE ELEVATION PLAN.
 - 3. SEE IRRIGATION PLANS FOR CONTINUATION OF PIPING.
 - 4. EXISTING 2" HIGH PRESSURE GAS LINE TO BE REMOVED.
 - 5. NEW NATURAL GAS SERVICE BY LOCAL GOVERNING GAS COMPANY TO BE ROUTED AROUND PROPOSED GAZERO. COORDINATE SERVICE WITH GAS COMPANY, AND CONFORM TO THEIR REQUIREMENTS. CONTRACTOR SHALL PAY ALL COSTS INCURRED FOR PROTECTION & TESTING. CONTRACTOR PROTECTING WORK SHALL BE A CODE TREATED WAREHOUSE.
 - 6. EXTEND PROPOSED SEWER AND/OR DRAIN LINES & TAP INTO EXISTING SANITARY SEWER MAIN AS APPROVED AND DIRECTED BY CITY. COORDINATE WITH LOCAL GOVERNING ENGINEERING OFFICIALS AND CONFORM TO THEIR REQUIREMENTS. VERIFY EXACT LOCATION AND DEPTH OF EXISTING MAIN, BEFORE SETTING ANY NEW INVERTS.
 - 7. EXISTING 2" HIGH PRESSURE GAS MAIN TO REMAIN.
 - 8. INSTALL NEW SERVICE STOP, SET FLUSH WITH FINISH GRADE. SIZE AS INDICATED ON PLAN. SEE DETAIL L.5.
 - 9. EXTEND 3/4" CW TO DRINKING FOUNTAIN.
 - 10. EXISTING GAS METER TO REMAIN, VERIFY EXACT LOCATION.
 - 11. CONNECT NEW GAS TO EXISTING 2" H.P. MAIN, PER ALL LOCAL GAS COMPANY REQUIREMENTS. VERIFY EXACT SIZE, LOCATION, DEPTH & PRESSURE.
 - 12. COORDINATE NEW CONSTRUCTION W/EXISTING 6" SAN. SEWER. EXISTING SEWER ASSUMED 4FT. 2' BELOW GRADE. PIPING IS ASSUMED TO BE EXTRA HEAVY CAST-IRON. REPORT TO ARCH.
 - 13. EXTEND 1" LIP TO DEPRESSURE FOUNTAIN VAULT. SEE SHEET L.6.B.
 - 14. 1" DEPRESSURE BACKFLOW PREVENTER ASSEMBLY, PER CITY DETAIL #2305. NOTE: CONTRACTOR SHALL CONSTRUCT PROTECTIVE ENCLOSURE W/ CHU BLOCK AND A 4" THICK CONCRETE FLOOR 6'18" FOOTINGS. FINISHED FLOOR ELEVATION SHALL BE 6' ABOVE FINISH GRADE. PAINT EXTERIOR WALLS, DRILL FOUR 1" HOLE HOLES (1 P/SIDE) AT BOTTOM OF WALLS FOR DRAINAGE. LIP SHALL BE FABRICATED OF 1/8" STEEL PLATE W/ 1" ANGLE IRON CORNERS. LIP SHALL HAVE HANDLES AND BE REMOVABLE AND LOCKABLE TO CHU WALLS. THE EXTERIOR WALL DIMENSIONS SHALL BE: 3' H, 5' L & 3' H. INSTALL 1" RFD W/ UNIONS AND FITTINGS AS REQUIRED TO COMPLETE ASSEMBLY. PAINT LIP.
 - 15. 2" MANHOLE TO PROPOSED IRRIGATION SYSTEM SEE SHEET L.5.

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AS BUILT

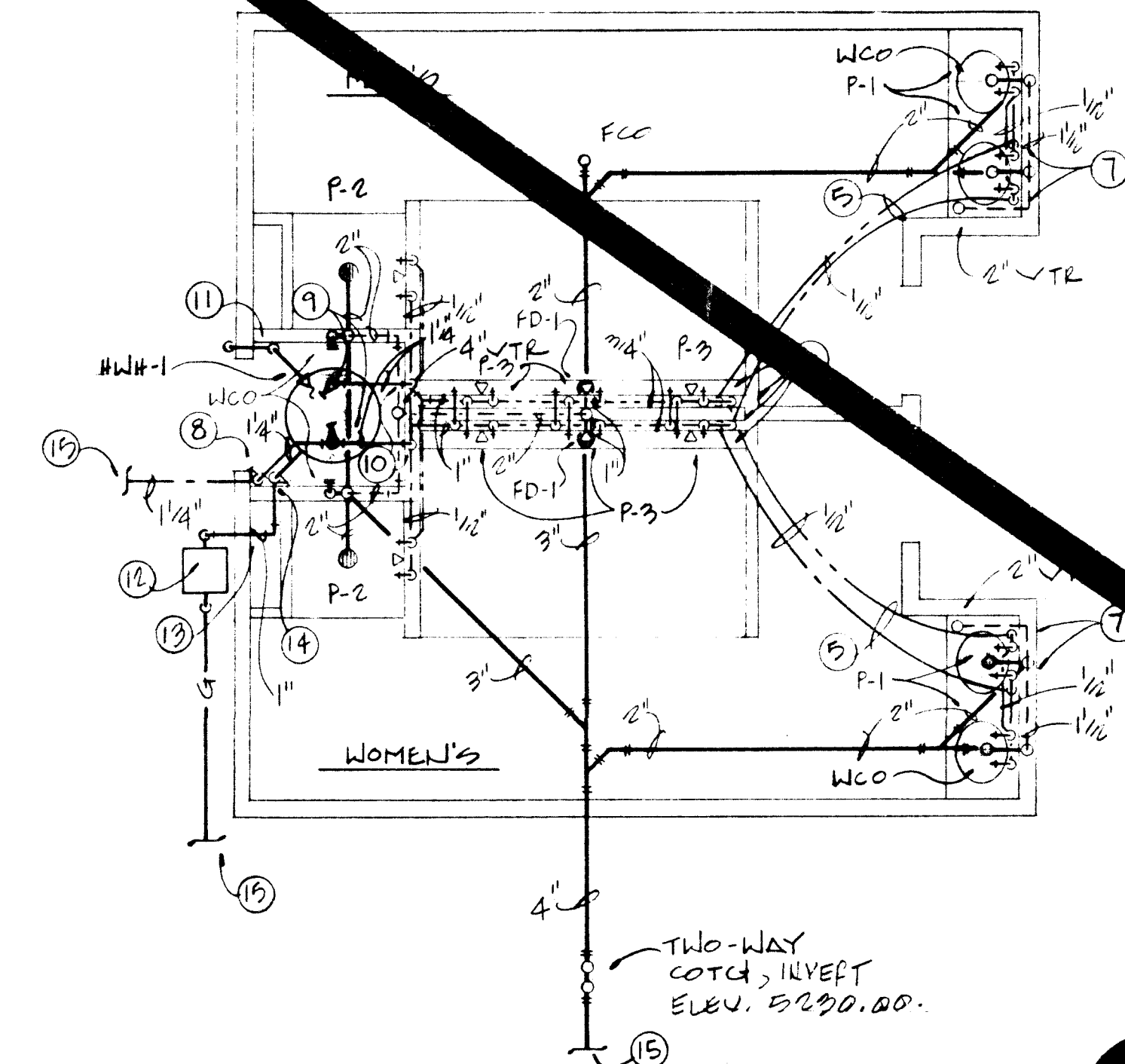
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LANDSCAPE ARCHITECTS
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Anchorage, Alaska 99503
505 285-2286

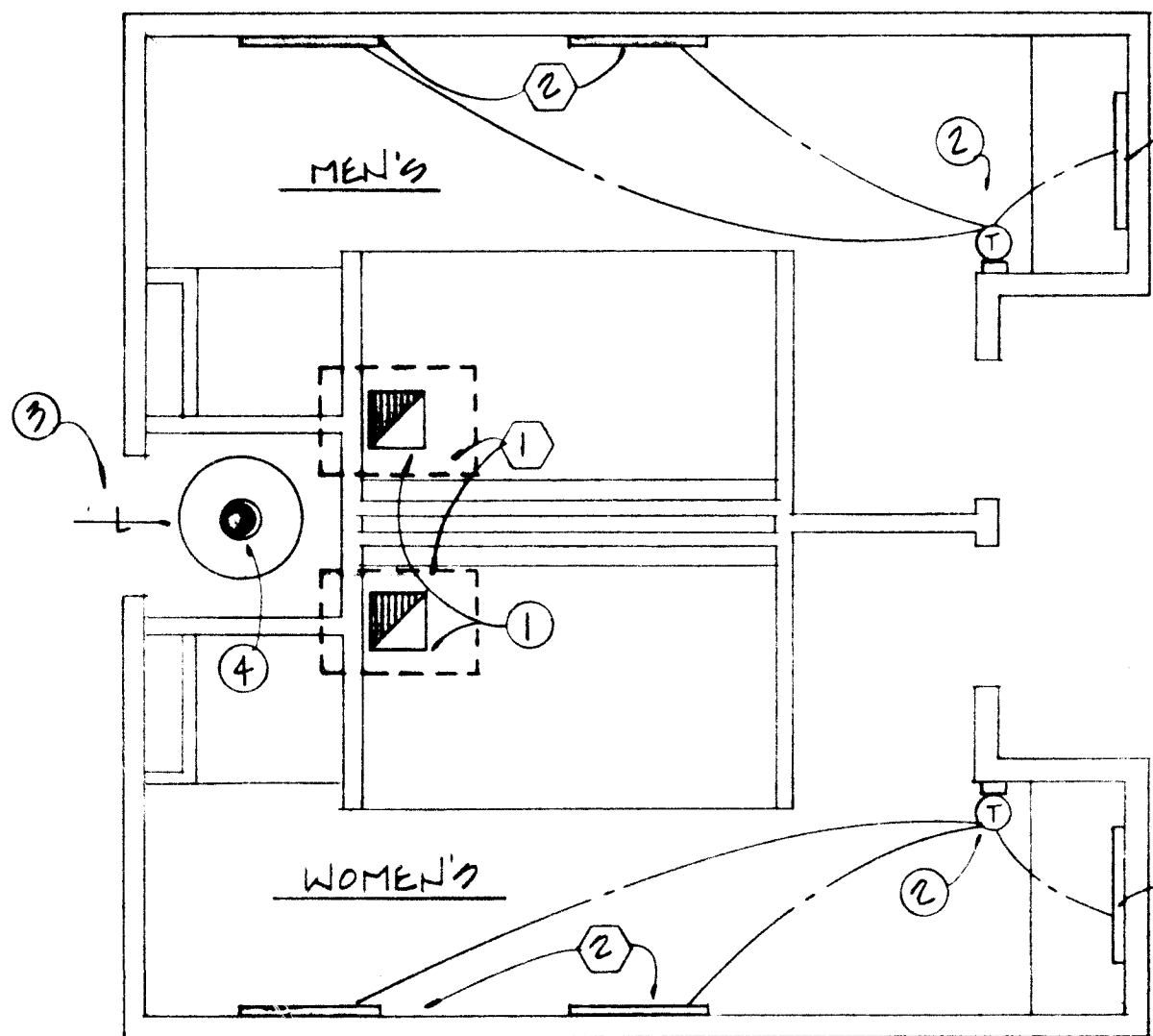
WATER CENTRAL CONTROL
WATER AND SEWER
GAZERO STRUCTURE & SHOWER BUILDING

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ANCHORAGE

SHEET
M



FLOOR PLAN - PLUMBING
SCALE: 1/4" = 1' - 0"



FLOOR PLAN - MECHANICAL
SCALE: 1/4" = 1' - 0"

SPECIFIC NOTES:

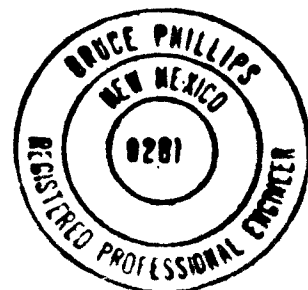
- ① 14" X 14" UP TO ① ON ROOF.
- ② T-STAT MOUNTED ON 1" THICK INSULATING BLOCK.
- ③ 9" X 9" DOOR LOUVER — COMBUSTION AIR (LOW).
- ④ 7" Ø FLUE WITH 12" Ø LOCAL VENT UP THRU ROOF TO FLUE CAP.
- ⑤ ROUTE TYPE "L" COPPER WATER PIPING BELOW SLAB WITH NO JOINTS.
- ⑥ 1/2" CW AND 1/2" HW DROP IN WALL TO BELOW SLAB WITH NO JOINTS.
- ⑦ 1/2" CW & 1/2" HW RISE UP ON WALL BELOW COUNTER, WITH NO JOINTS. COORDINATE WITH BASEBOARD HEATER.
- ⑧ 1-1/4" CW RISE UP ON WALL FROM BELOW FLOOR WITH NO JOINTS. INSTALL SHUT-OFF VALVE IN RISE AND WHA-1 AT TOP OF RISE.
- ⑨ 1-1/4" CW INLET TO HWH-1 WITH GATE VALVE & UNION WITH 1-1/4" HW OUTLET WITH GATE VALVE AND UNION.
- ⑩ 1-1/4" CW & 1-1/4" HW DROP IN WALL.
- ⑪ ROUTE FULL SIZE TYPE "L" COPPER DRAIN FROM T. & P. RELIEF VALVE TO OUTSIDE & TURN DOWN.
- ⑫ NEW GAS METER & REGULATOR LOOP SIZED FOR TOTAL CONNECTED LOAD OF 270 CFH. COORDINATE & CONFORM TO ALL LOCAL GAS COMPANY REQUIREMENTS.
- ⑬ EXTEND GAS THRU WALL TO CHASE AND INTO MECHANICAL ROOM.
- ⑭ CONNECT 1" GAS TO HWH-1 WITH GAS COCK, UNION, DIRT LEG AND FLEX CONNECTION.
- ⑮ SEE SITE PLAN FOR CONTINUATION.

EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
①	EXHAUST FAN: WEATHERPROOF UNIT, ALUMINUM CONSTRUCTION WITH BASEBOARD CURB MOUNTING, BELT DRIVE, UNIT MOUNTED DISCONNECT, ANTI-BACKDRAFT DAMPER, BIRDSCREEN, GREENHECK MODEL W4-10, 500 CFM AT 1/4" W.G.P., 1/4 HP MOTOR, 810 RPM, 115-60-18, 80 LBS. OPER. WT., OR APPROVED EQUAL.
②	BASEBOARD HEATER: EMERSON-CHROMALOX TYPE BB-C-31, 115-60-18, 750 WATTS, 36" LONG, ACCENT GRILLE, AUTO. OVERHEAT SHUT-OFF, WITH COMPLETE THERMOSTAT KIT, OR APPROVED EQUAL. PROVIDE ALL RELAYS, 2560 BTUH, OR EQUAL.

GRILLE AND REGISTER SCHEDULE	
SYMBOL	DESCRIPTION
②	EXHAUST GRILLE: TITUS MODEL CORE 50, FOR APPLICABLE TYPE CEILING, OFF-WHITE FINISH, OR EQUAL. ALUMINUM CONSTRUCTION, OR EQUAL.
L	DOOR LOUVER: KRUEGER MFG. CO. 620-A, ADJUSTABLE TO SUIT DOOR THICKNESS, WITH FIRE LINK (160°), LESS OPERATOR KNOB. SEE PLANS FOR SIZE, OR EQUAL.

PLUMBING FIXTURE SCHEDULE	
SYMBOL	DESCRIPTION
P-1	LAVATORY: KOHLER NO. K-2905 OR APPROVED EQUAL WITH NO. K-9000 P-TRAP 1-1/4" X 1-1/2" SIZE, NO. K-7607 SUPPLIES, AND NO. K-7491 TRIM WITH STRAINER. INSULATE P-TRAP AND HW SUPPLY COMPLETE WITH 1" FIBERGLASS INSULATION WITH ALUMINUM PROTECTIVE COVERING. 1-1/2" WASTE, 1-1/2" VENT, 1/2" CW AND 1/2" HW, OR EQUAL.
P-2	SHOWER: AQUARIUS INDUSTRIES MODEL 9938 ACRYLIC HANDICAP SHOWER 3' X 3' UNFITTED SHOWER STALL, 8-36-100-824 TRIM, K-1132 STRAINER. 2" P-TRAP, 1-1/2" VENT, 1/2" CW WITH CURTAIN ROD & GRABBARS, 1-1/2" HW AND 1-1/2" VENT, 1/2" CW AND 1/2" HW, OR EQUAL.
P-3	SHOWER TRIM: SYMMONS MODEL 1-100-X-2, WITH 4-500 CONCEALED VALVE AND 4-131 2 GPM SUPER SHOWER HEAD WITH FD-1 IN FLOOR. 2" P-TRAP 1-1/2" VENT, 1/2" CW & 1/2" HW, OR EQUAL.

MISCELLANEOUS PLUMBING EQUIPMENT	
SYMBOL	DESCRIPTION
FCC	FLOOR CLEANOUT: (INSIDE BUILDING FOR APPLICABLE FINISH) CONCRETE, CER. TILE, OR FLOOR: SMITH FIGURE 4023. TILE (VINYL OR ASB.V.): SMITH FIGURE 4023-1, RECESSED FOR TILE. CARPET: SMITH FIGURE 4023-2, WITH CARPET TILE, OR APPROVED EQUALS.
COTG	CLEANOUT: (CONCRETE OR UNFINISHED FLOOR) SMITH FIGURE 4223-U, WITH ROUND ADJUSTABLE TOP, VANDALPROOF SCREWS. IN AREAS NOT FINISHED, INSTALL IN CONCRETE PAD WITH CARPET TILE, OR EQUALS.
WCO	WALL CLEANOUT: SMITH FIGURE 4472-U EXTRA HEAVY BRONZE PLUG WITH STAINLESS STEEL FACE WALL COVERING, VANDALPROOF SCREWS. INSTALLED BELOW FIXTURE WHERE REQUIRED BY CODE OR SHOWN ON DRAWINGS, OR EQUAL.
FD-1	FLOOR DRAIN: SMITH FIGURE 2010-A, WITH 5" DIA. ADJUSTABLE TOP AND VANDALPROOF SCREWS. 2" OUTLET, WITH 2" P-TRAP BELOW FLOOR, OR EQUAL.
WHA-1	WATER HAMMER ARRESTER: SMITH FIGURE 5050, 1" SIZE, 1/2" DIA. STAINLESS STEEL, OR EQUAL.
HWH-1	HOT WATER HEATER: A.O. SMITH MODEL NO. BT-270, 270,000 BTUH, GAS FIRED, ORIFICED FOR SITE ELEVATION, 270,000 BTUH S.L. INPUT 100 GPM. STORAGE CAPACITY IN GLASS LINED TANK, WITH 6" I.D. METALBESTOS TYPE P-TRAP VENT THRU ROOF TO FLUE CAP, WITH A.S.M.E. TO OUTSIDE WITH FULLY AUTOMATIC CONTROLS WITH SAFETY SHUT-OFF, 27-3/4" DIA. X 91-1/2" TO TOP OF DRAFT DIV. INLET WITH GATE VALVE, UNION, & OUTLET WITH GATE VALVE AND UNION. ANNE. APPROVED, OR TO DELIVER 110° F. WATER, OR EQUAL.



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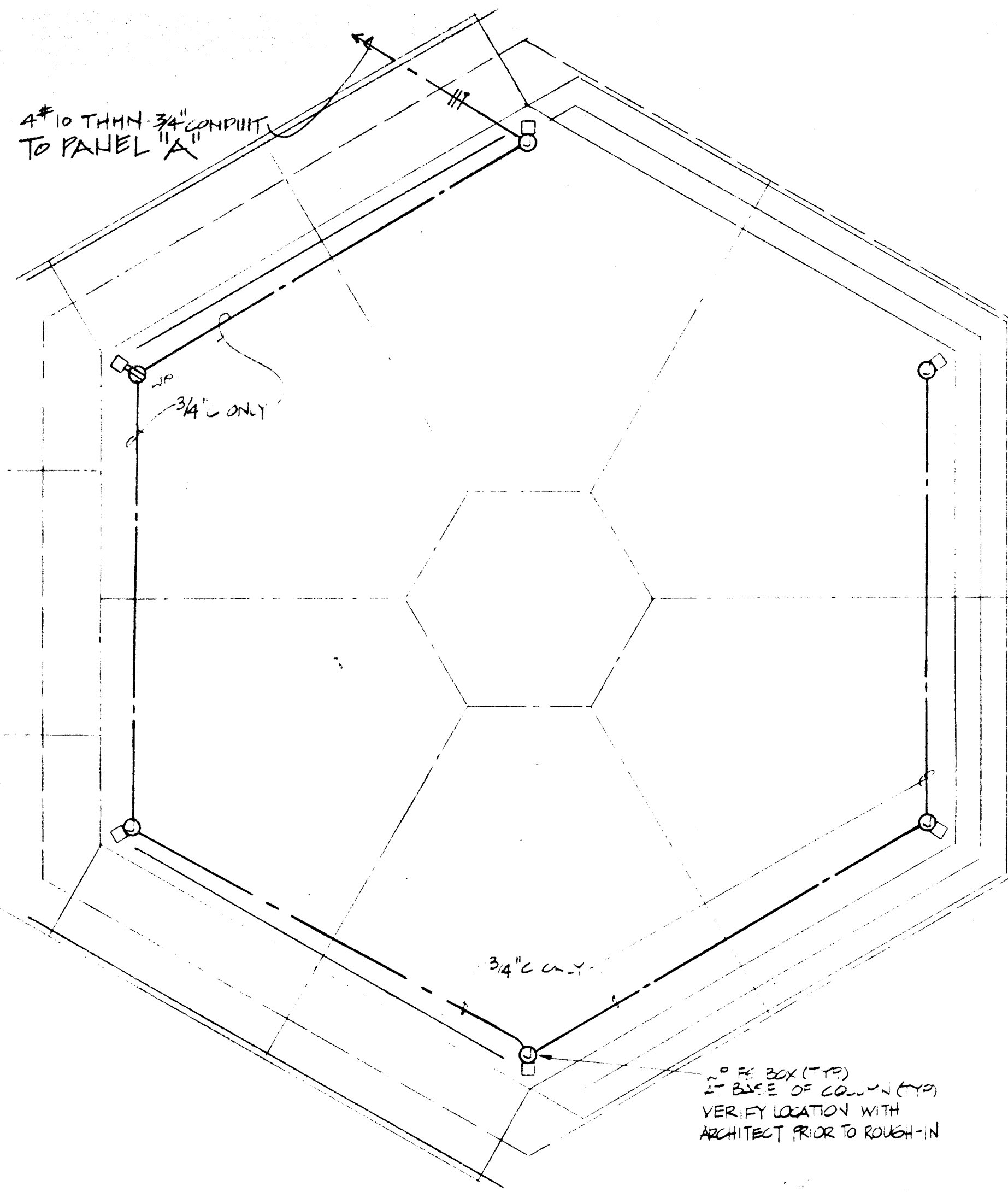
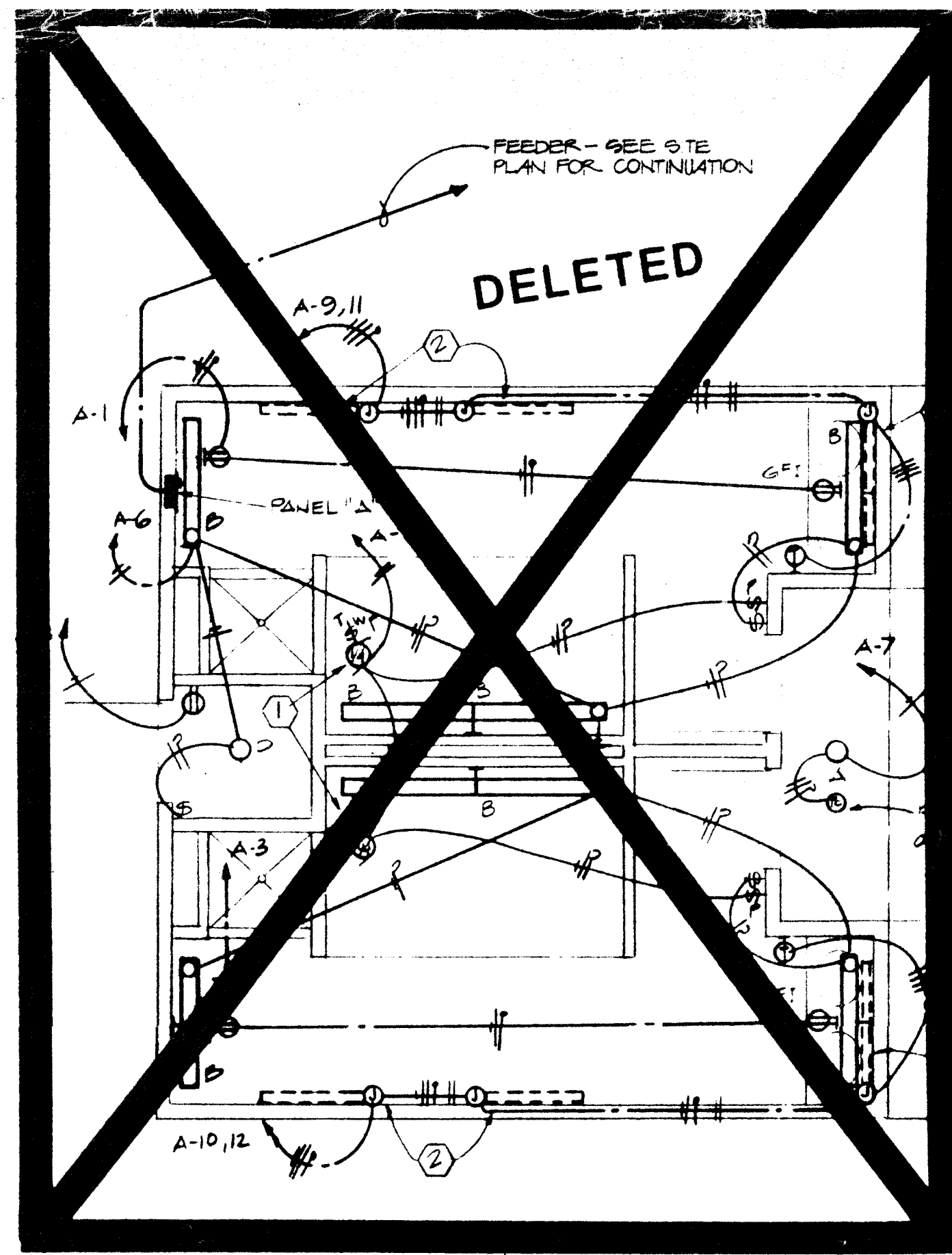
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505 288-2286

WATER CENTRAL CONTROL
5001 PRO ROAD NE
GAZBO STRUCTURE & SHOWER BUILDING
PLUMBING, HVAC & SCHEDULES
OCTOBER 1987

LANDSCAPE IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEM FACILITY
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
M2

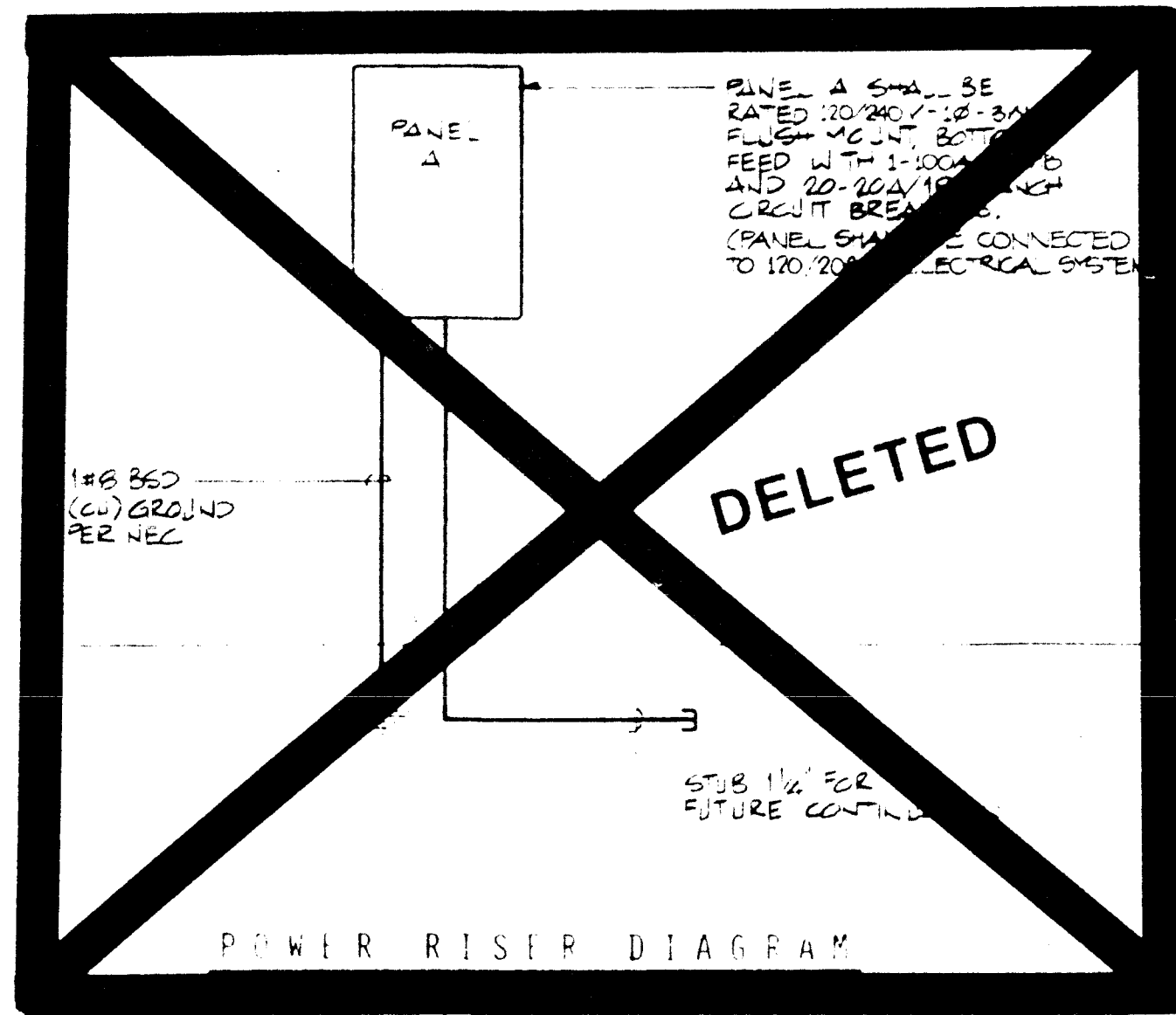


SYMBOL LEGEND	
⊙	CEILING OR WALL BRACKET FIXTURE. SEE FIXTURE SCHEDULE.
⊙	FLUORESCENT OUTLET AND FIXTURE. SEE FIXTURE SCHEDULE.
⊙	SINGLE POLE WALL SWITCH, UP +16". "3" INDICATES THREE-WAY.
⊙	THERMAL O.L. SWITCH.
⊙	JUNCTION BOX PLUMB IN WALL WITH CONNECTION TO EQUIPMENT.
⊙	DUPLEX CONVENIENCE OUTLET, UP 12" OR AS INDICATED.
⊙	THERMOSTAT, UP 48" UNLESS OTHERWISE INDICATED.
⊙	ELECTRIC PANEL. SEE PANEL SCHEDULE FOR CHARACTERISTICS.
⊙	MOTOR CONNECTION WITH HP INDICATED. "F" INDICATES FRACTIONAL.
⊙	BRANCH CIRCUIT IN WALLS OR CEILING WITH CONDUCTORS INDICATED.
⊙	BRANCH CIRCUIT IN WALLS OR UNDER FLOOR WITH CONDUCTORS INDICATED.
⊙	HOME RUN TO PANEL, WITH BRANCH CIRCUIT NUMBERS INDICATED.
⊙	TELEPHONE CONDUIT, MINIMUM 3/4" WITH PULL WIRE.
⊙	TELEPHONE CONDUIT RUNNERS TO BACKBOARD, 1" MINIMUM WITH PULL WIRE.
⊙	TELEPHONE OUTLET, UP 12" UNLESS OTHERWISE INDICATED.
⊙	250V-2P-3W SPECIAL PURPOSE GROUNDING TYPE OUTLET. ASSEMBLY AS SHOWN.

NOTE:
ADDITIONAL ELECTRICAL ON SHEET M1.

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

FIXTURE SCHEDULE			
DELETED			
TYPE	MANUFACTURER	AMPS	NOTES
A	HALC #M00-3-0-1		RECESSED
B	ACME DUNBAR #545-240	2/740/BSWM	WALL + 8'-6"
C	ACME DUNBAR #102-2/771	2/740	WALL + 8'-6"
D	PORCELAIN LAMP	2/740	SURFACE



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26 30 9 7 1 7 9 0



AS BUILT

