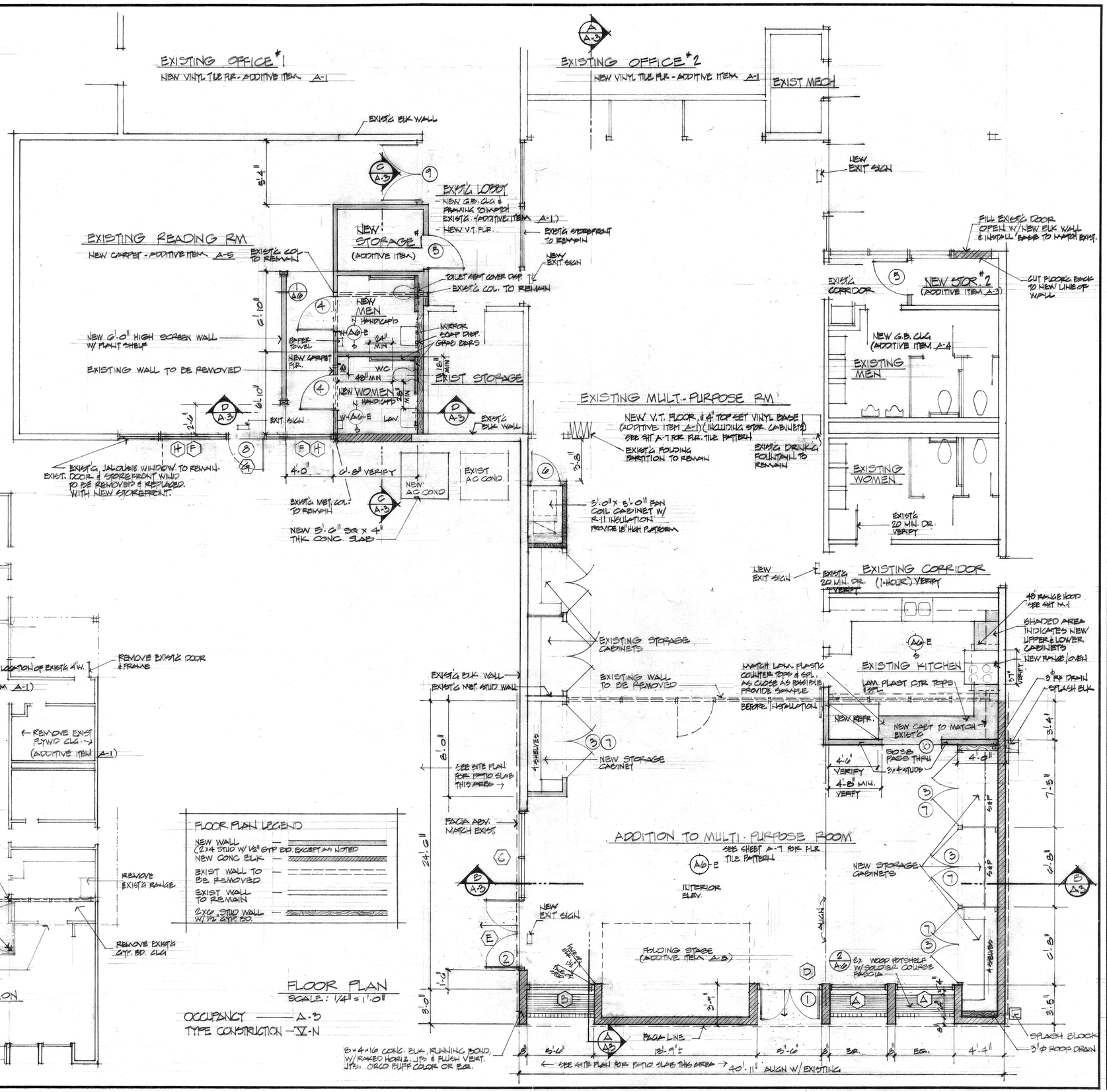
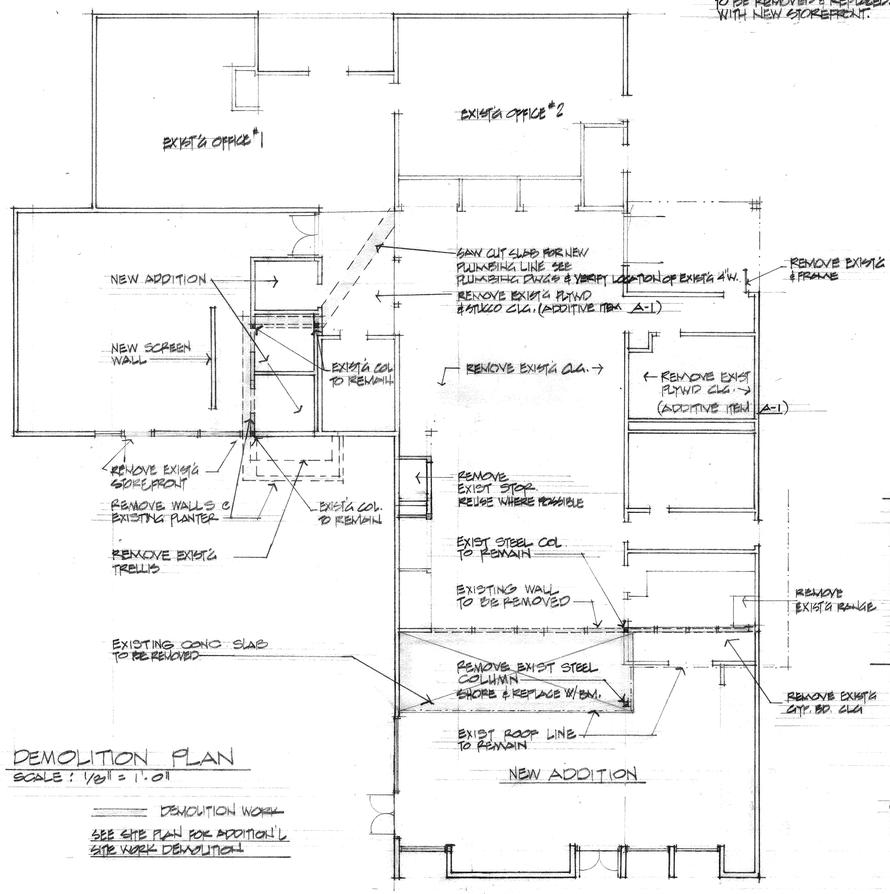
DEMOLITION NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE DEMOLITION, VERIFY ALL CONDITIONS, AND BRING TO THE ATTENTION OF THE OWNER AND ARCHITECT ANY DISCREPANCIES PRIOR TO AND DURING CONSTRUCTION.
2. VERIFY ALL DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL PLUMBING AND ELECTRICAL.
3. ALL SALVAGABLE ITEMS SHALL BE THE PROPERTY OF THE OWNER AND SHALL BE REUSED OR STORED WHERE DESIGNATED BY THE OWNER.
4. WHERE REMOVAL OF PLUMBING FIXTURES, ETC. IS INDICATED CAREFULLY REMOVE ALL PIPING BACK TO NEAREST MAIN LINES AND CAP.
5. REMOVE EXISTING INTERIOR WALLS WHERE INDICATED AND RESTORE ALL DAMAGED WALLS AT CONSTRUCTION RELATED AREAS.
6. IF JACK-HAMMERING, CORE DRILLING OR CONCRETE SAWING IS GOING TO BE UTILIZED, IT SHALL BE KEPT TO A MINIMUM AND SHALL BE DONE ONLY WITH THE PERMISSION OF THE OWNER AND AT SUCH TIMES AS DESIGNATED.
7. ALL DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE.
8. PROVIDE TEMPORARY DUSTPROOF PARTITIONS WHERE NECESSARY TO PREVENT INFILTRATION OF DUST INTO OCCUPIED AREAS. PROVIDE TEMPORARY WEATHER PROTECTION AS NECESSARY TO PREVENT DAMAGE TO EXISTING FACILITIES AND TO PREVENT DISCOMFORT TO PERSONS IN OCCUPIED AREAS.
9. WHERE EXISTING CONSTRUCTION IS CUT OR OTHERWISE DISTURBED TO PERMIT INSTALLATION OF NEW WORK MATCH AND REPAIR EXISTING CONSTRUCTION. USE METHODS AND MATERIALS WHICH ARE SIMILAR IN APPEARANCE AND EQUAL IN QUALITY.
10. ALL ABANDONED PLUMBING LINES, ELECTRICAL CONDUITS OR BOXES, A/C DUCTS OR DIFFUSERS AND TELEPHONE CABLES SHALL BE REMOVED BACK TO CLOSEST FEEDER POINT.
11. ALL INTERIOR AND EXTERIOR WINDOWS INDICATED TO BE REMOVED SHALL BE CAREFULLY DISMANTLED AND GLASS AND FRAMES PRESERVED.
12. ALL CLOSET AND STANDARD DOORS AND FRAMES, CABINETS AND COUNTERS SHALL BE CAREFULLY REMOVED WHERE INDICATED AND REUSED WHERE POSSIBLE.
13. CONTRACTOR SHALL PROVIDE SHORING & BRACING AS REQ'D PRIOR TO DEMOLISHING EXIST'G CONSTRUCTION.





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

DEMOLITION WORK

SEE SITE PLAN FOR ADDITION'L SITE WORK DEMOLITION

FLOOR PLAN LEGEND

NEW WALL (2x4 STUD W/ 1/2" GYP BD. EXCEPT AS NOTED	
NEW CONC BLK	
EXIST WALL TO BE REMOVED	
EXIST WALL TO REMAIN	
2x6 STUD WALL W/ 1/2" GYP BD.	

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

OCCUPANCY — A-3
TYPE CONSTRUCTION — V-N

8 x 4 x 16 CONC. BLK. RUNNING BOND, W/ RAKED HORIZ. JTS & FLUSH VERT. JTS. ORCO BUFF COLOR OR EQ.

REVISIONS	BY

ADDITION TO THE DALES COMMUNITY CENTER

city of riverside park & recreation department
3900 MAIN ST. RIVERSIDE, CALIFORNIA 92522

L.M. TAKITA & ASSOCIATES
ARCHITECTURE · PLANNING
17151 Newhope St. Design Core Ste. 212, Fountain Valley, California 92708 · (714) 540-5212

Date 8/17/87
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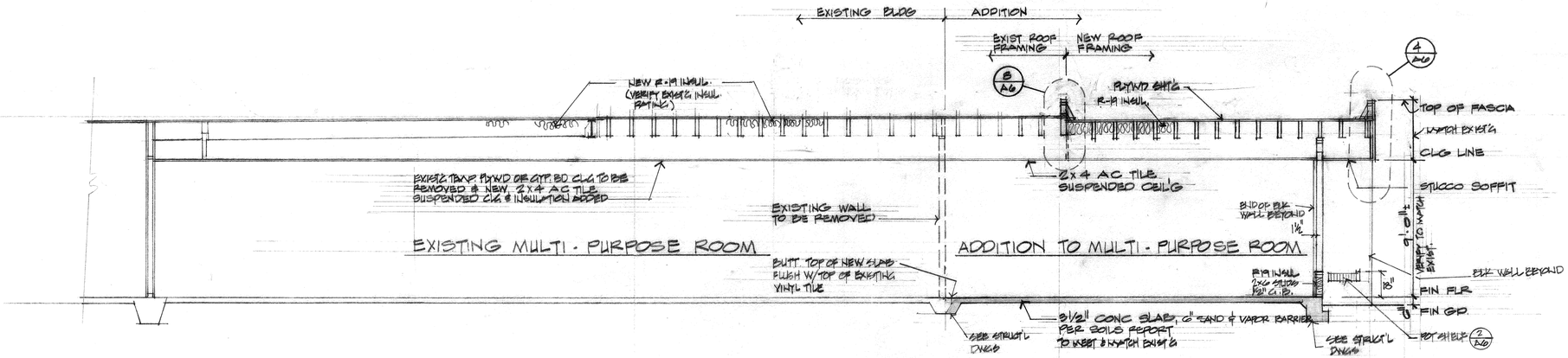
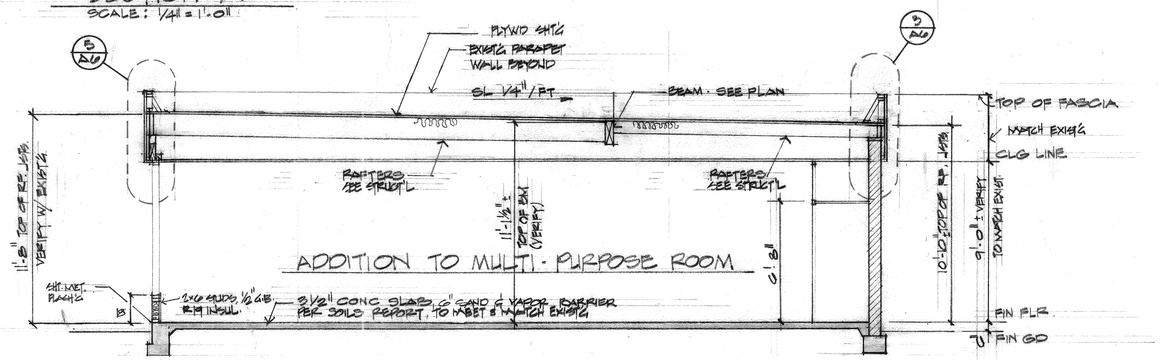


SECTION A
SCALE: 1/4" = 1'-0"

NOTE:
PROTECT EXIST'G ROOF; NO PEDESTRIAN TRAFFIC IS TO BE ALLOWED & NO MATERIALS ARE TO BE PLACED OR STORED ON THE EXIST'G ROOF AT ANY TIME



SECTION B
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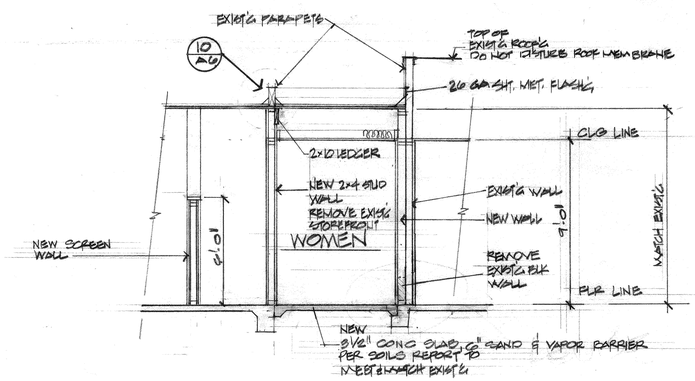

SECTION D
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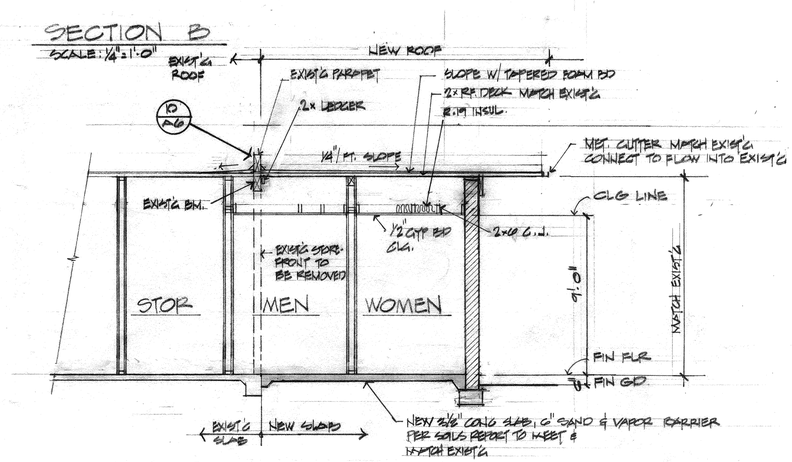

SECTION C
SCALE: 1/4" = 1'-0"

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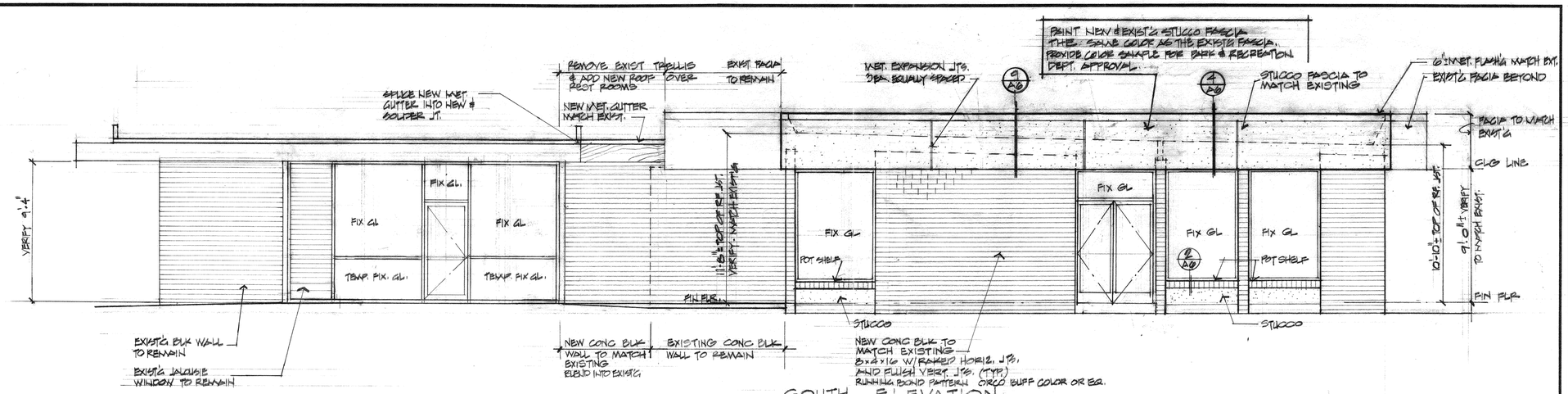
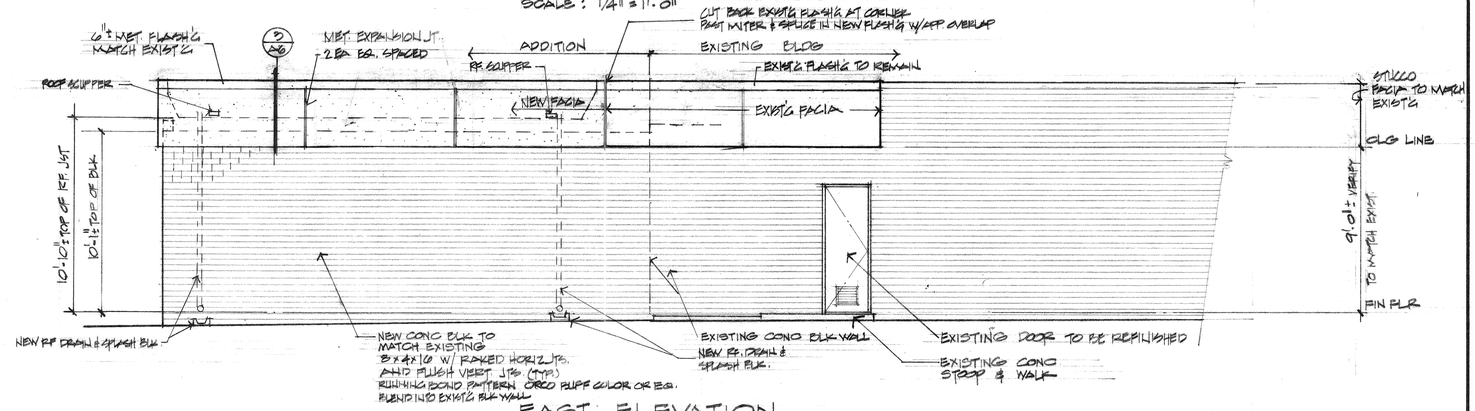


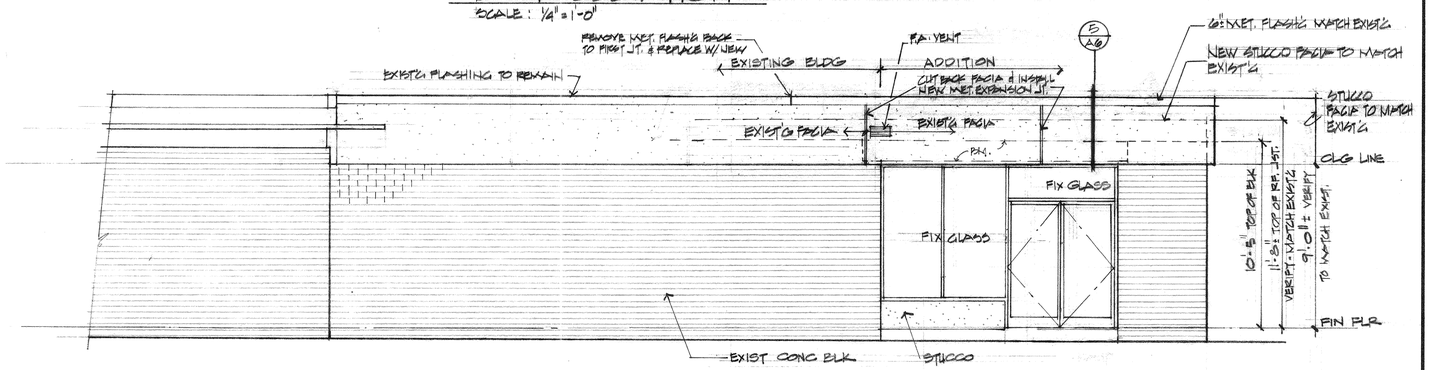
SOUTH ELEVATION

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



EAST ELEVATION

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



WEST ELEVATION

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

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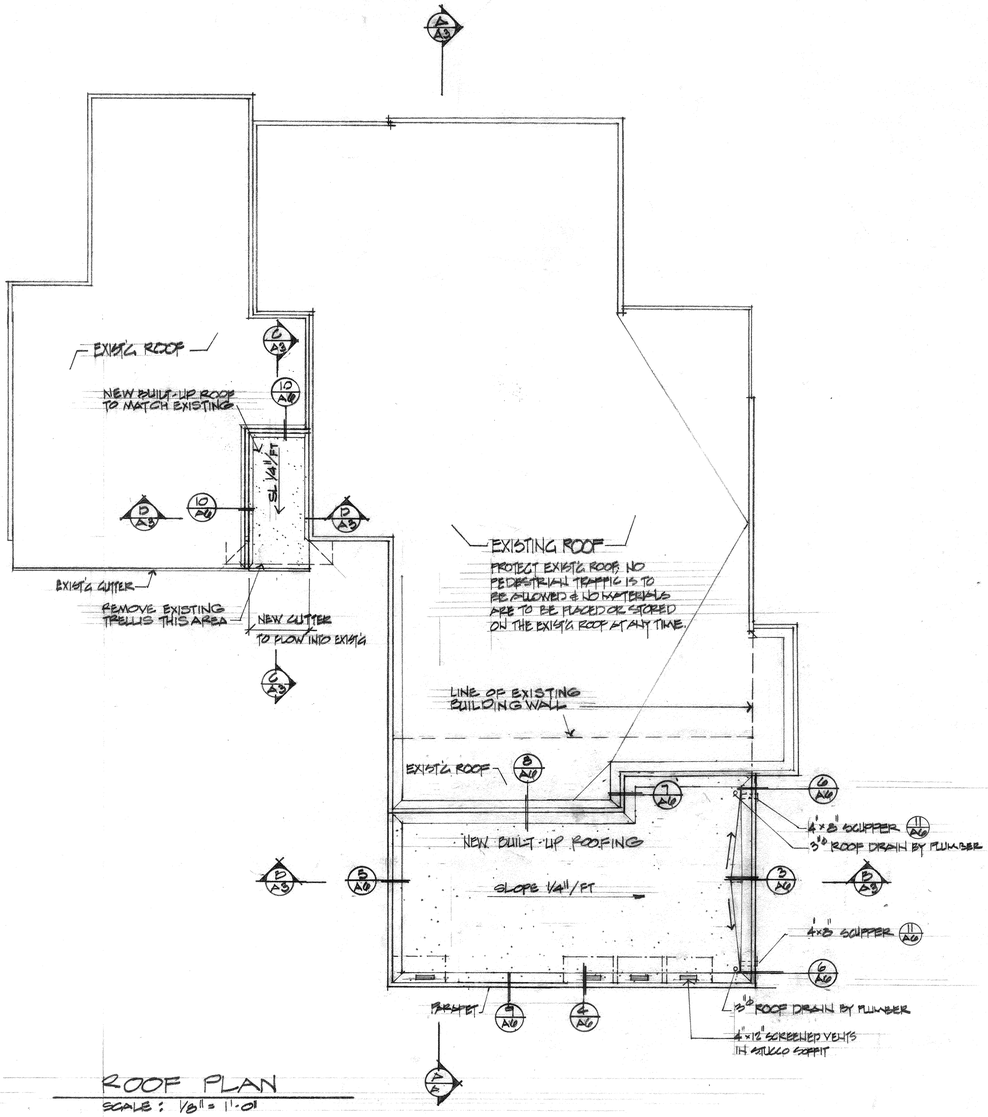
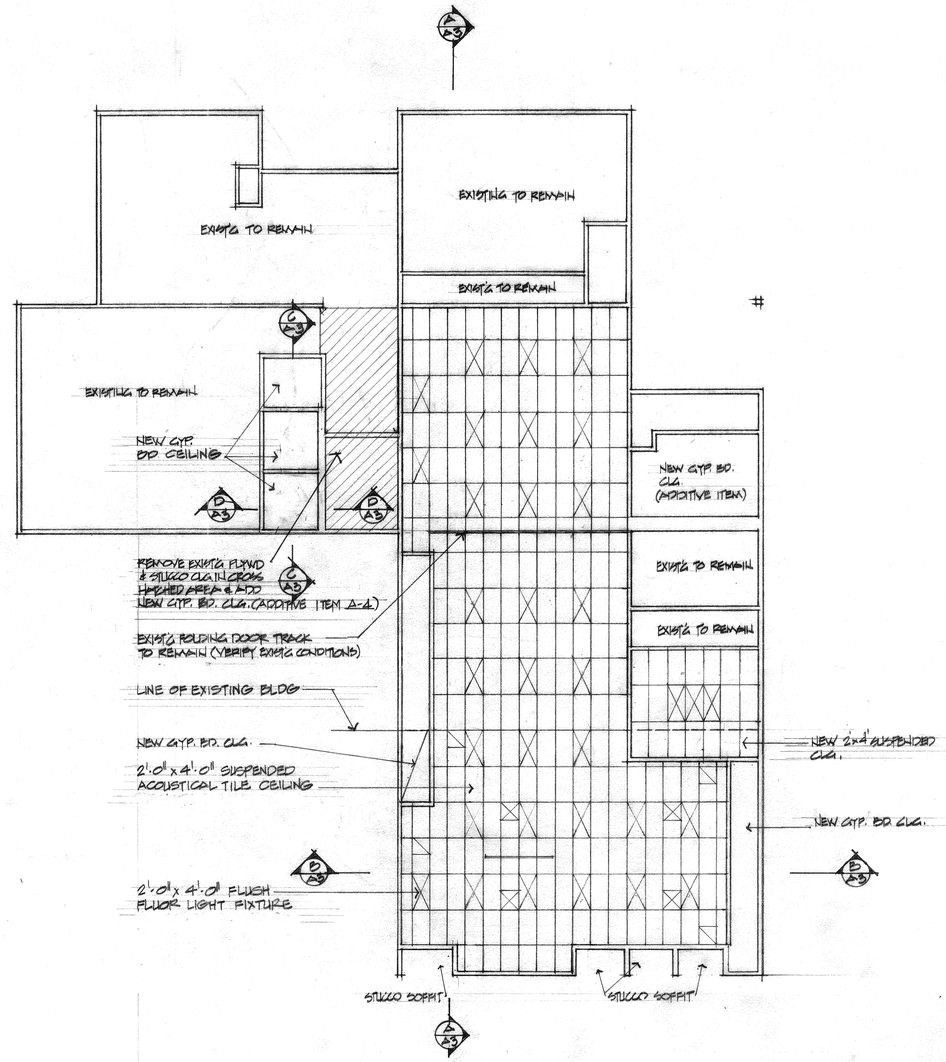


ROOF PLAN
SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

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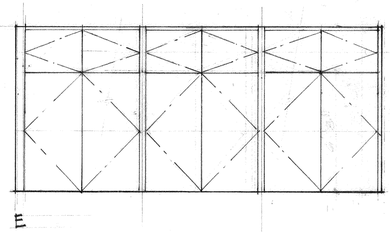
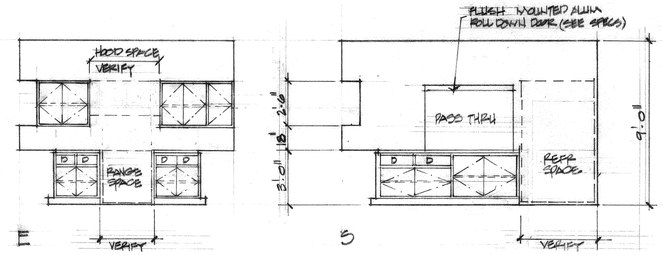
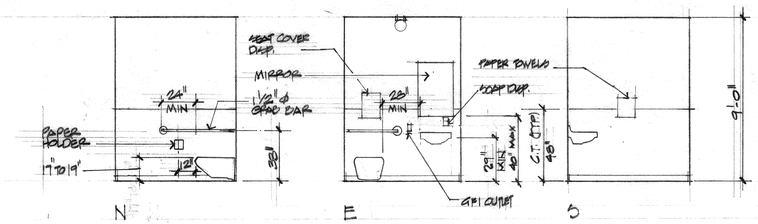


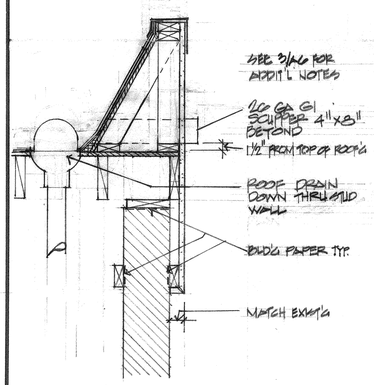
TYPICAL CABINET
MULTI-PURPOSE ROOM



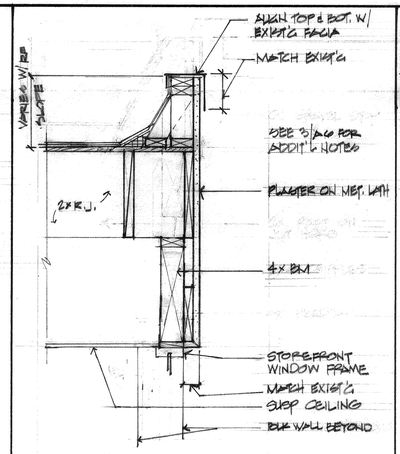
KITCHEN



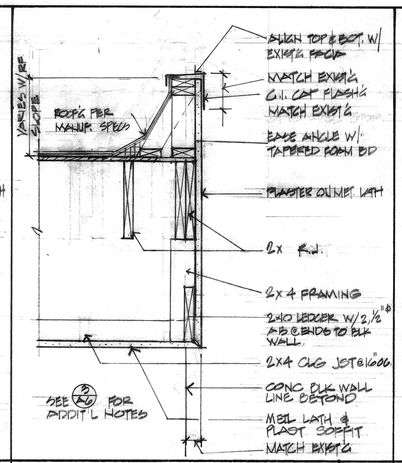
WOMEN (MEN'S RESTROOM SIMILAR)
HANDICAPPED RESTROOMS



DRAIN & SCUPPER 6



FASCIA 5



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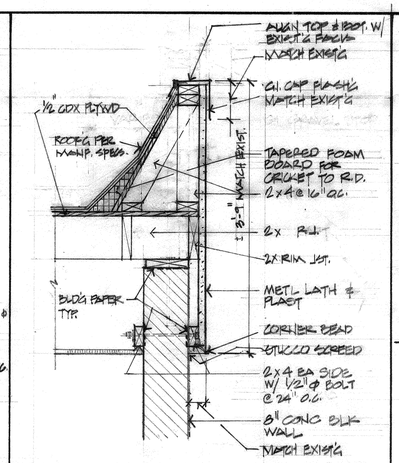

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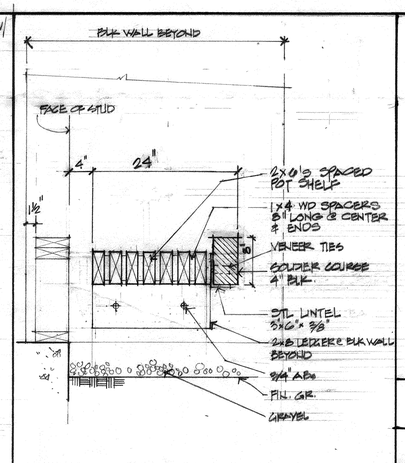
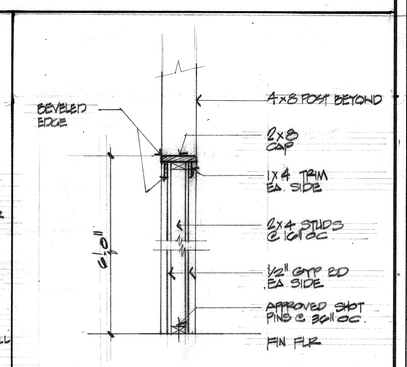


WOOD POT SHELF 2



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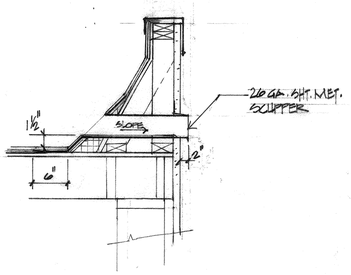
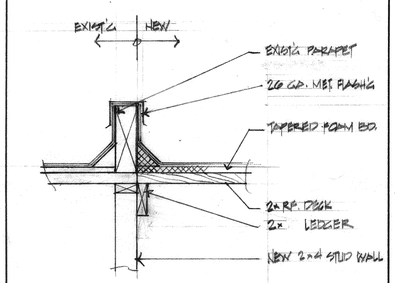


SCUPPER 11



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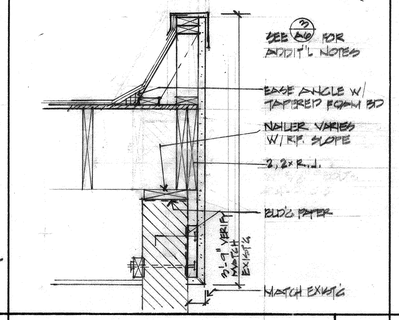

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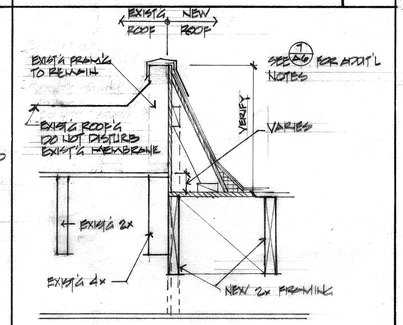

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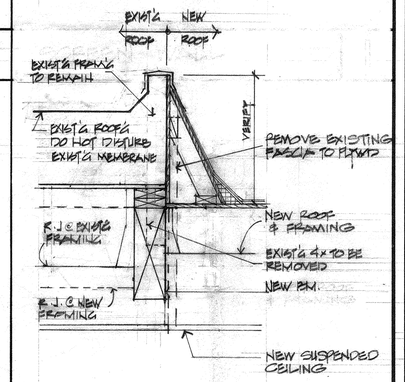

ROOF BEAM CONN. 7

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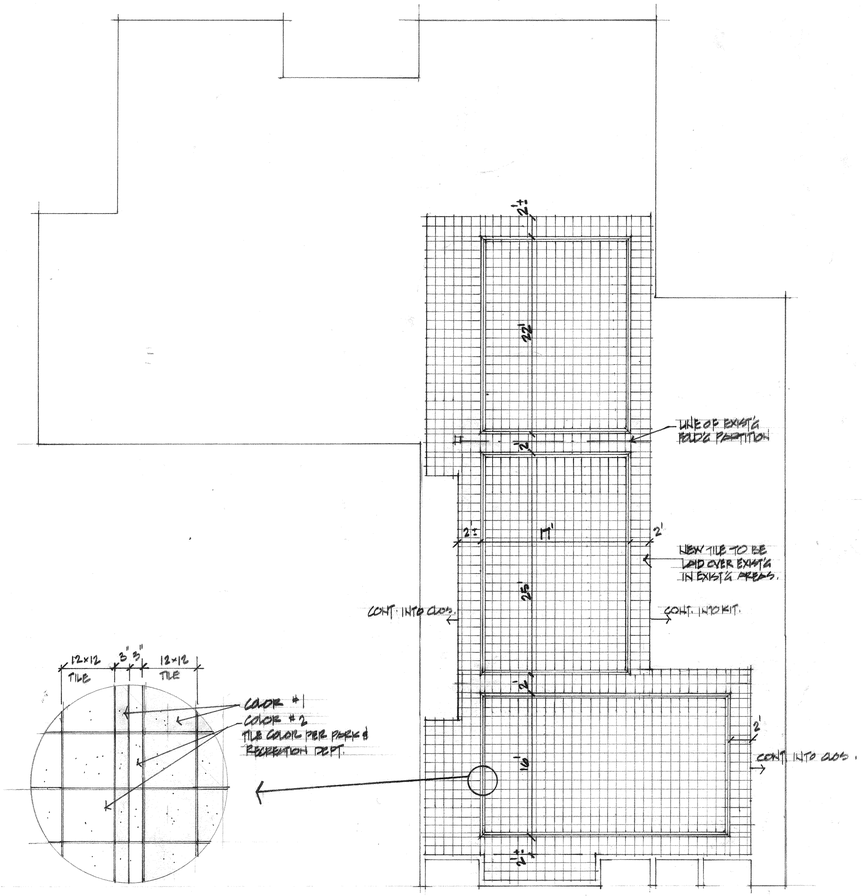


VINYL TILE PATTERN IN MULTI-PURPOSE RM.
SC: 1/8"=1'-0"

ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE	WALLS N	WALLS E	WALLS S	WALLS W	CEILING	CEILING HT.	REMARKS
NEW MULTI-PURPOSE RM.	V.T.	RUBBER	PAINT G.B.	PAINT GYP.	PAINT GYP.	PAINT GYP. & G.B.	AC TILE	9'-0"	2x4 T-BAR GRID CLG., TOP-SET VINYL BASE
EXIST'G MULTI-PURPOSE RM.	V.T.	RUBBER	PAINT GYP.	PAINT		PAINT GYP.	AC TILE	9'-0"	ADDITIVE ITEMS - FLR. BASE, WALLS
KITCHEN	V.T.	RUBBER	PAINT GYP.	PAINT GYP.	PAINT G.B.	PAINT G.B.	PAINT G.B.	9'-0"	SEMI-GLOSS PAINT. TOP-SET VINYL BASE
NEW MEN'S RESTRM.	C.T.	C.T.	PAINT G.B.	PAINT G.B.	PAINT G.B.	PAINT G.B.	PAINT G.B.	9'-0"	C.T. WAINSCOT MOSAIC TILE FLR. UNGLAZED NON-SLIP FLR. W.P. GYP. BD.
NEW WOMEN'S RESTRM.	C.T.	C.T.	PAINT G.B.	PAINT G.B.	BLOCK	PAINT G.B.	PAINT G.B.	9'-0"	C.T. WAINSCOT MOSAIC TILE FLR. UNGLAZED NON-SLIP FLR. W.P. GYP. BD.
STORAGE RM. #1	V.T.	RUBBER	PAINT G.B.	PAINT G.B.	PAINT G.B.	PAINT G.B.	EXIST'G WOOD	EXIST'G HT.	
EXIST'G MEN'S RESTRM.	CERAMIC TILE PATCH	EXIST'G	PAINT	PAINT	PAINT	PAINT	PAINT G.B.	9'-0"	ADDITIVE ITEM
EXIST'G LOBBY	V.T.	RUBBER	PAINT	PAINT	PAINT	PAINT	G.B. MATCH EXIST'G FIN.		ADDITIVE ITEM

V.T. - VINYL TILE, C.T. - CERAMIC TILE, G.B. - GYP. BOARD

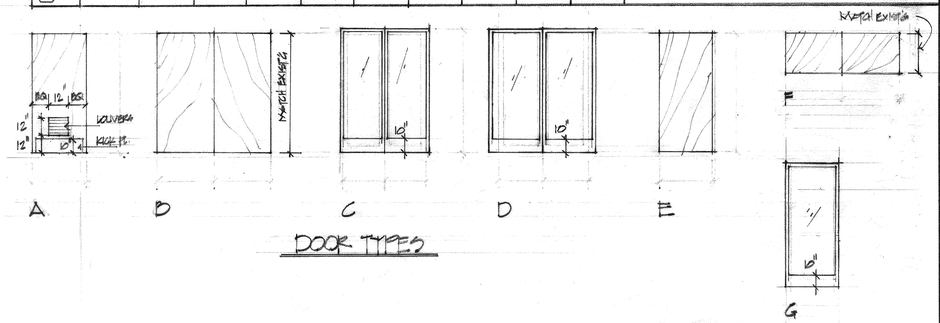
DOOR SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	GLAZING		FRAME MATERIAL	FRAME FINISH	REMARKS
		DOOR									FIELD VERIFY ALL DIMENSIONS
1	C	5'-0" PR.	7'-0"		ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	SINGLE-ACTING 1/4" TEMP. GL., SELF-CLOSING
2	D	2'-0" PR.	7'-0"		ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	SINGLE-ACTING 1/4" TEMP. GL., SELF-CLOSING, PANIC HDWARE
3	B	6'-4" PR.	6'-8"	1 3/8"	H.C. WOOD	PAINT			WOOD	PAINT	
4	A	3'-0"	6'-8"	1 3/8"	H.C. WOOD	PAINT			WOOD	PAINT	12"x12" LOUVERS, SELF CLOSING
5	E	3'-0"	6'-8"	1 3/8"	H.C. WOOD	PAINT			WOOD	PAINT	
6	E	2'-6"	6'-8"	1 3/4"	S.C. WOOD	PAINT			WOOD	PAINT	
7	F	6'-4" PR.	2'-4" ±	1 3/8"	H.C. WOOD	PAINT			WOOD	PAINT	
8	G	3'-0"	7'-0"		ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	SINGLE-ACTING 1/4" TEMP. GL., SELF-CLOSING, PANIC HDWARE
9	C	5'-0" PR.	7'-0"		H.C. WOOD	PAINT			WOOD	PAINT	SINGLE ACTING
10	ROLL-UP DOOR	5'-0"	3'-8"		ALUM.	BRONZE ANOD.			ALUM.	BRONZE ANOD.	FLUSH MOUNT

H.C. - HOLLOW CORE S.C. - SOLID CORE, C.P. - CLEAR PLATE GLASS

WINDOW SCHEDULE

NO	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	GLAZING		FRAME MATERIAL	FRAME FINISH	REMARKS
		WINDOW									FIELD VERIFY ALL DIMENSIONS
A	FIX. GL.	4'-11"	7'-6"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
B	FIX. GL.	5'-6"	7'-6"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
C	FIX. GL.	3'-6"	7'-6"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
D	FIX. GL.	5'-0"	2'-0"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
E	FIX. GL.	6'-0"	2'-0"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
F	FIX. GL.	8'-6"	6'-6"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
G	FIX. GL.	3'-0"	2'-6"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	
H	FIX. GL.	5'-6"	3'-0"	1/4"	ALUM.	CLR. ANOD.	C.P.		ALUM.	CLR. ANOD.	



DOOR TYPES

REVISIONS	BY

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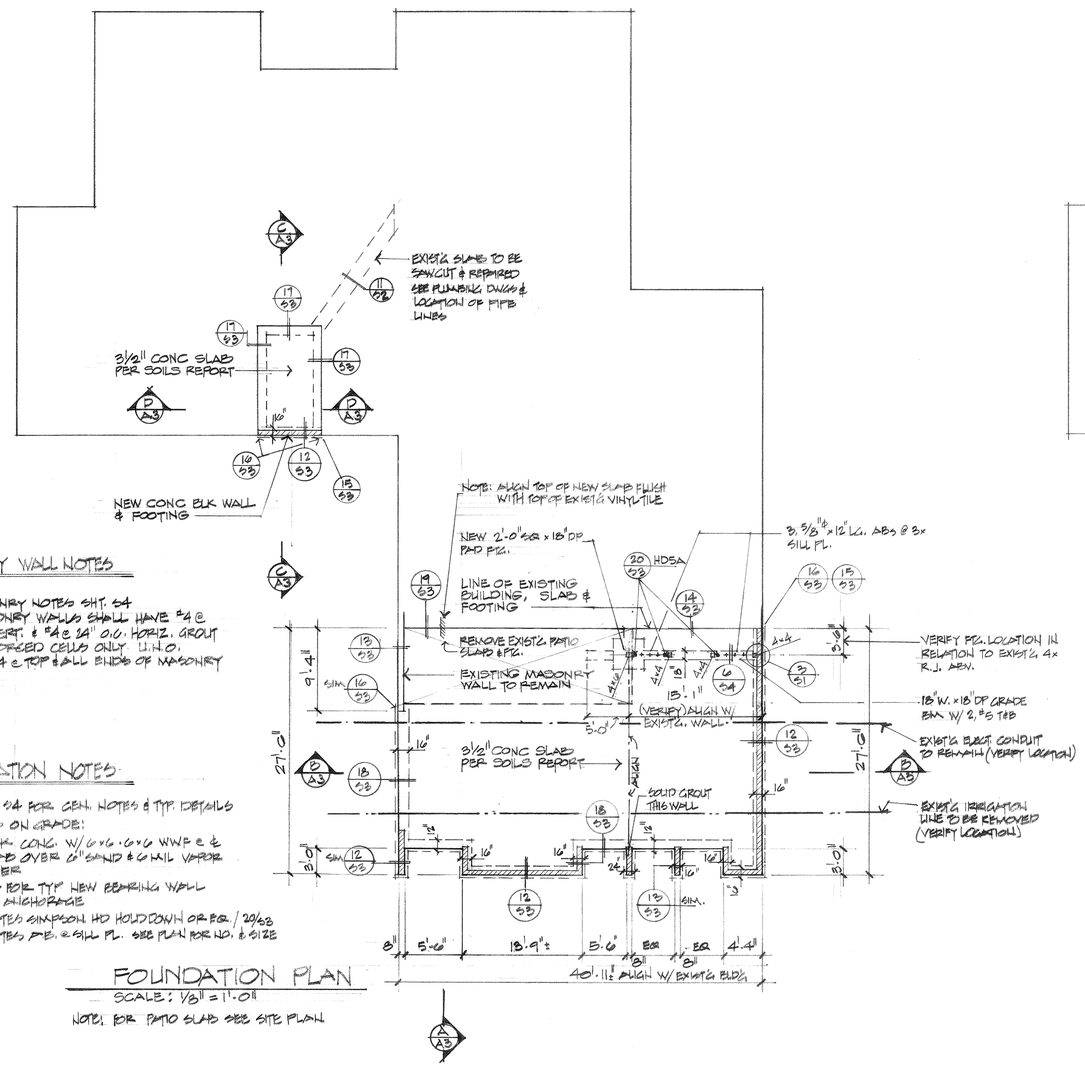


MASONRY WALL NOTES

1. SEE MASONRY NOTES SHT. S4
2. ALL MASONRY WALLS SHALL HAVE #4 @ 24" O.C. VERT. & #4 @ 24" O.C. HORIZ. GROUT AT REINFORCED CELLS ONLY U.N.O.
3. USE 2, #4 @ TOP & ALL ENDS OF MASONRY WALLS.

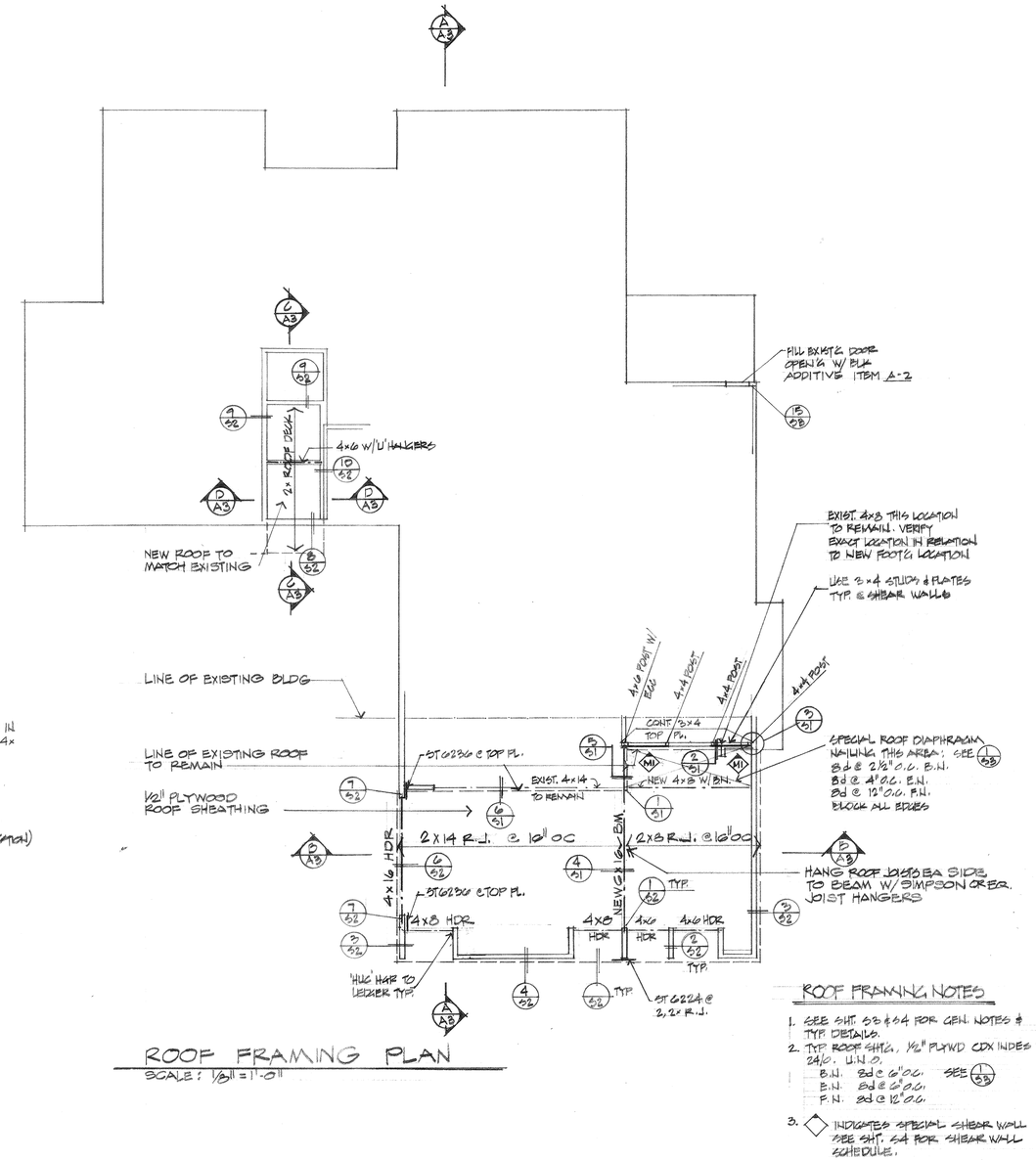
FOUNDATION NOTES

1. SEE S2 & S4 FOR GEN. NOTES & TYP. DETAILS
2. TYP SLAB ON GRADE:
   3 1/2" THK. CONC. W/ 6x6-6x6 WWF @ & OF SLAB OVER 6" SAND & 6 MIL VAPOR BARRIER
3. SEE 3/S4 FOR TYP NEW BEARING WALL TO SLAB ANCHORAGE
4. ● - INDICATES SIMPSON HD HOLDDOWN OR EQ. / 20/S2
5. + - INDICATES PE. @ SILL PL. SEE PLAN FOR NO. & SIZE

FOUNDATION PLAN

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

NOTE: FOR PATIO SLAB SEE SITE PLAN

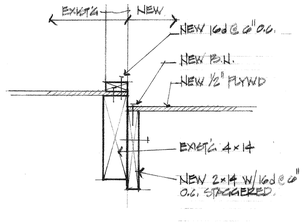


ROOF FRAMING PLAN

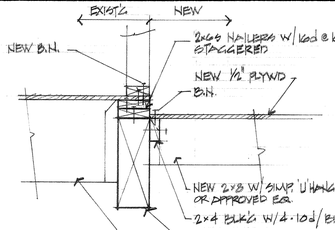
SCALE: 1/8" = 1'-0"

ROOF FRAMING NOTES

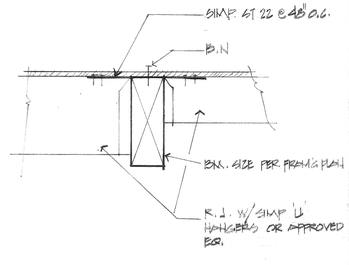
1. SEE SHT. S3 & S4 FOR GEN. NOTES & TYP. DETAILS.
2. TYP ROOF SHTG., 1/2" PLYWD CDX INDES 24/0 U.N.O.
   B.N. 8d @ 6" O.C. SEE 1/S3
   E.N. 8d @ 6" O.C.
   F.N. 8d @ 12" O.C.
3. ◇ INDICATES SPECIAL SHEAR WALL SEE SHT. S4 FOR SHEAR WALL SCHEDULE.



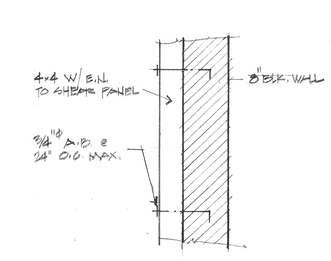
R.J. @ EXIST'G PARAPET — 6



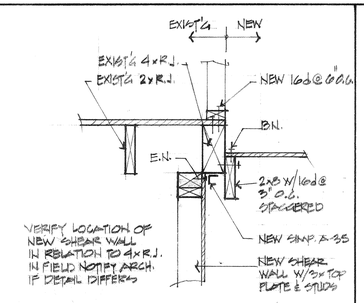
BEAM/R.J. @ EXIST'G PARAPET — 5



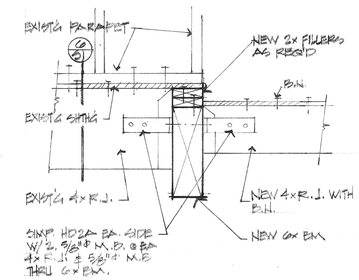
BEAM & R.J. CONNECTION — 4



SHEAR WALL @ BLOCK WALL — 3



SHEAR WALL @ EXIST'G R.J. — 2



BEAM/R.J. @ EXIST'G PARAPET — 1

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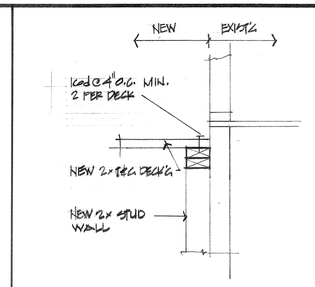
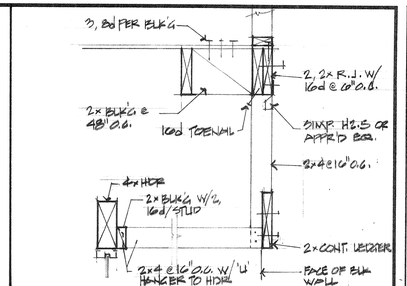


ROOF / DECK STUD WALL | 10



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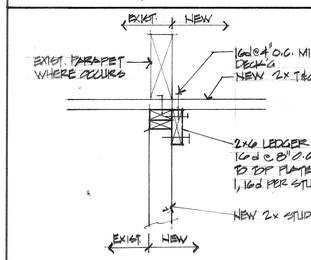
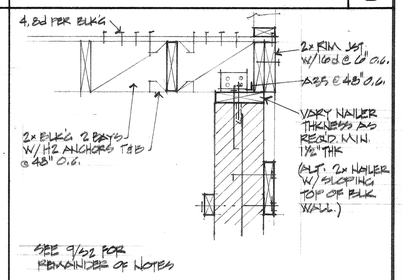
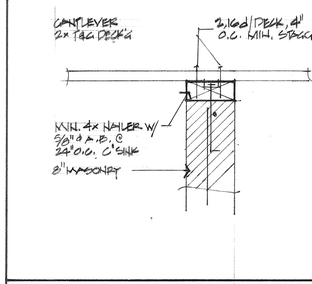


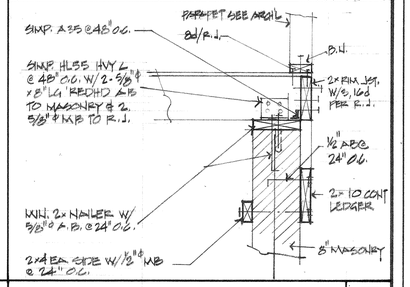
ROOF DECK / STUD WALL | 9



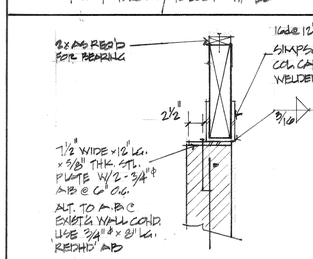
R.J. / BLOCK WALL @ FACIA | 4



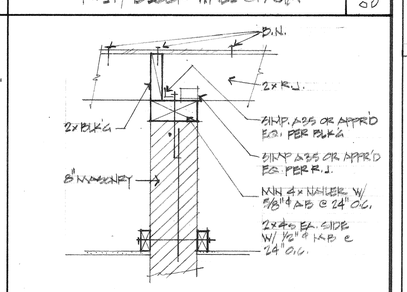
ROOF DECK / BLOCK WALL | 13



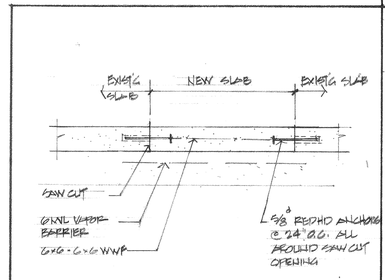
R.J. / BLOCK WALL @ FACIA | 3



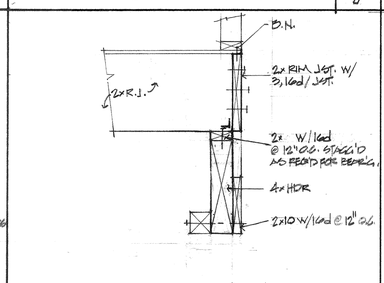
BEAM @ BLOCK WALL | 7



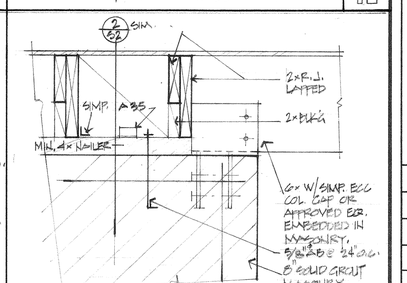
R.J. / BLOCK WALL | 2



SAWCUT SLAB TIES | 11



HEADER BEAM | 6



BEAM @ BLOCK WALL | 1

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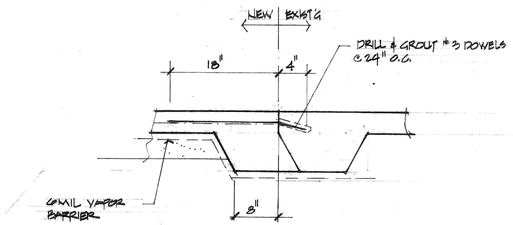
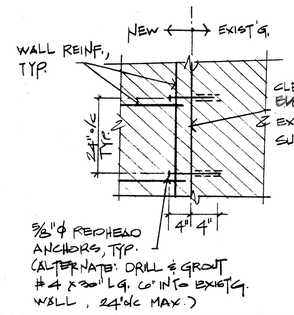


TIES @ NEW & EXIST'G SLAB 19



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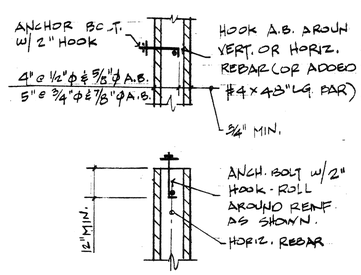
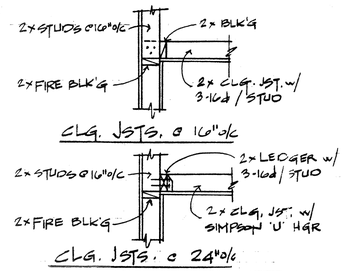
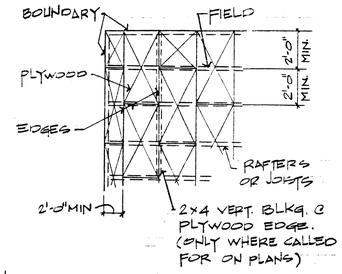


TYP. A.B. IN MASONRY WALL 11



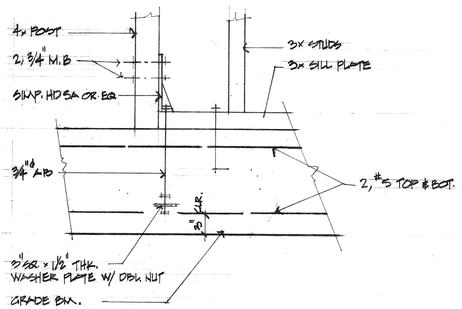
CEILING JOISTS TO STUD WALL 5



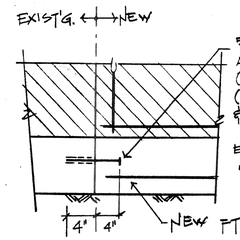
NOTES:

1. RUN LONG DIMENSION OF PLYWOOD PERPENDICULAR TO RAFTER / JOIST.
2. STAGGER PLYWOOD EDGES 2'-0" MIN.
3. SEE FRAMING PLAN FOR PLYWOOD TYPE & NAIL SIZE & SPACING.
4. NAILS SHALL HAVE MIN. 3/8" EDGE DISTANCE.
5. MIN. PLYWOOD SIZE SHALL BE 2'-0" x 4'-0".
6. PLYWOOD SHALL BE INSPECTED PRIOR TO COVERING.

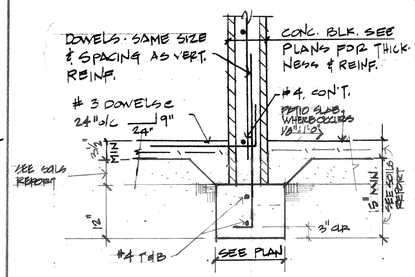
PLYWOOD DETAIL 1



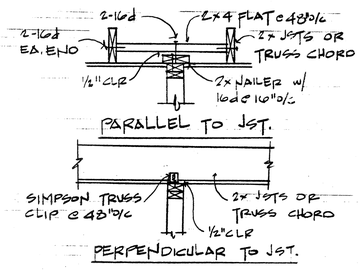
HOLDOWN & GRADE BM. 20



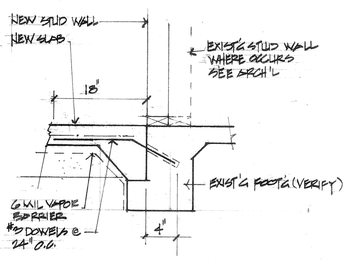
TIES @ NEW & EXIST'G FOOTING 16



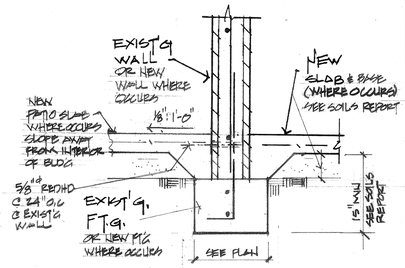
EXTERIOR FOOTING 12



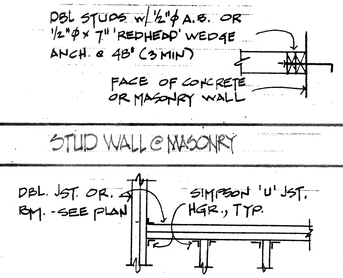
NON-BEARING WALL DETAIL 6



NEW SLAB @ EXIST'G FOOTING 17

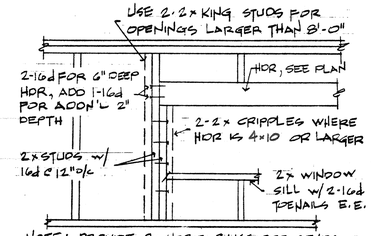


EXTERIOR FOOTING 13

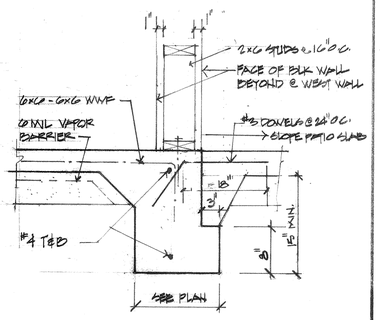


STUD WALL @ MASONRY 7

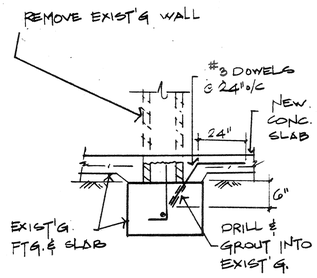
FRAMING @ OPENINGS 8



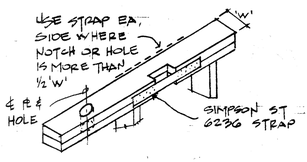
TYP. STUD WALL 2



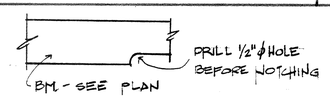
EXTERIOR FOOTING 18



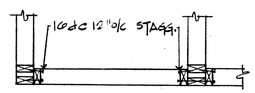
SLAB @ EXIST'G WALL 14



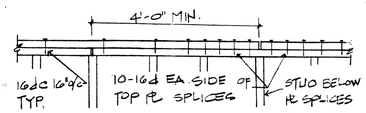
TYP. PLATE NOTCH 9



NOTCHING DETAIL 10



STUD WALL CONN. 3



TYP. PLATE SPLICE 4

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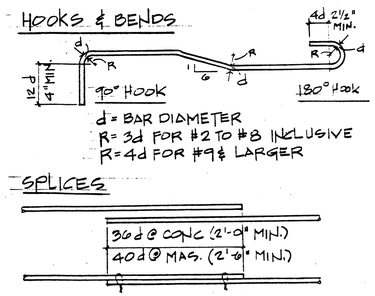
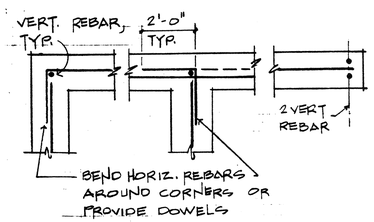
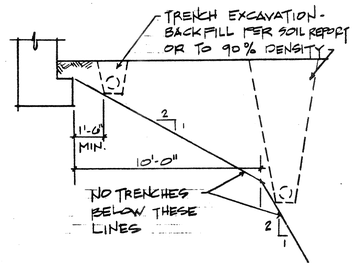


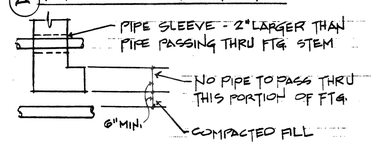
TYP. REBAR DETAIL | 3



TYP. WALL REINFORCING DETAIL | 4

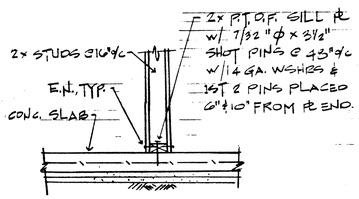


(A) PARALLEL TO FOOTINGS

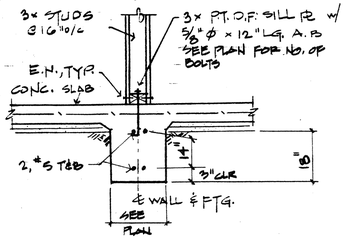


(B) PERPENDICULAR TO FOOTINGS

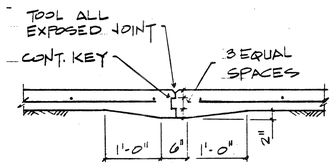
TRENCH DETAILS | 1



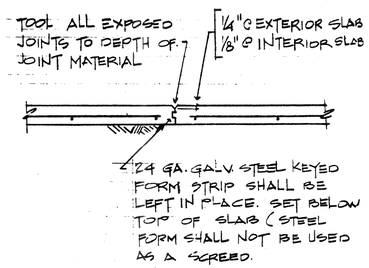
TYP. NON-BEARING WALL ANCHOR | 5



TYP. INTERIOR FOOTING | 6



CONSTRUCTION JOINT



CONTROL JOINT

CONCRETE SLAB DETAIL | 2

NAILING SCHEDULE

CONNECTION	NAILING
Joist to sill or girder, toenail	3-8d
Bridging to joist, toenail each end	2-8d
1"x6" subfloor or less to each joist, face nail	2-8d
Wider than 1"x6" subfloor to each joist, face nail	3-8d
2" subfloor to joist or girder, blind and face nail	2-16d
Sole plate to joist or blocking, face nail	16d at 16" o.c.
Top plate to stud, end nail	2-16d
Stud to sole plate	4-8d, toenail or 2-16d, end nail
Double studs, face nail	16d at 24" o.c.
Double top plates, face nail	16d at 16" o.c.
Top plates, laps and intersections, face nail	2-16d
Continuous header, two pieces	16d at 16" o.c. along each edge
Ceiling joist to plate, toenail	3-8d
Continuous header to stud, toenail	4-8d
Ceiling joists, lap over partitions, face nail	3-16d
Ceiling joists to parallel rafters, face nail	3-16d
Rafter to plate, toenail	3-8d
1" brace to each stud and plate, face nail	2-8d
1"x8" sheathing or less to each bearing, face nail	2-8d
Wider than 1"x8" sheathing to each bearing, face nail	3-8d
Built-up corner studs	16d at 24" o.c.
Built-up girder and beams	20d at 32" o.c. at top and bottom and staggered 2-20d at ends and at each splice
2" planks	2-16d at each bearing

SHEAR WALL SCHEDULE

SYM	SHEAR	WALL SHEATHING
A-1**	100 plf	1/2" gypbrd. w/5d cooler nails @ 7" o/c
A-2*	200 plf	en & fn
B-1**	100 plf	5/8" gypbrd. w/6d cooler nails @ 7" o/c
B-2*	200 plf	en & fn
C-1	125 plf	1/2" gypbrd. w/5d cooler nails @ 4" o/c
C-2*	250 plf	en & fn
D-1	125 plf	5/8" gypbrd. w/6d cooler nails @ 4" o/c
D-2*	250 plf	en & fn
E-1	150 plf	1/2" gypbrd, blocked, w/5d cooler nails
E-2*	300 plf	@ 4" o/c en & fn
F-1	175 plf	5/8" gypbrd, blocked, w/6d cooler nails
F-2*	350 plf	@ 4" o/c en & fn
G-1	180 plf	7/8" stucco o/ paperbacked lath w/ 16 ga.
G-2*	360 plf	staples @ 6" o/c @ top & bottom plates & en & fn, per ICBO report #1823
H-1	325 plf	7/8" stucco o/ paperbacked lath w/ 16 ga.
H-2*	650 plf	staples @ 3" o/c @ top & bottom plates & en & fn, per ICBO report #1823
J-1	264 plf	3/8" CDX std. plywood shtg., blkd. w/
J-2*	528 plf	8d nails @ 6" o/c en & 12" o/c fn
K-1	384 plf	3/8" CDX std. plywood shtg., blkd. w/
K-2*	768 plf	8d nails @ 4" o/c en & 12" o/c fn
L-1	564 plf	3/8" CDX std. plywood shtg., blkd. w/
L-2*	1128 plf	8d nails @ 3" o/c en & 12" o/c fn
M-1	636 plf	3/8" CDX std. plywood shtg.,blkd. w/
M-2*	1272 plf	8d nails @ 2" o/c en & 12" o/c fn
N-1	770 plf	1/2" CDX std. plywood shtg.,blkd. w/
N-2*	1540 plf	10d nails @ 2" o/c en & 12" o/c fn (Use 3x top & sill plates)
P-1	870 plf	1/2" CDX struct. I plywood shtg.,blkd.
P-2*	1740 plf	w/10d nails @ 2" o/c en & 12" o/c fn (Use 3x top & sill plates)

LEGEND

* Designates when wall sheathing is applied to both sides of wall. (Stagger plywood edges on opposite side)
** 1/4" shotpins at 32" o/c may be used in lieu of A.B. @ interior walls only at concrete foundation.
Note: All nails to be common unless noted otherwise

REVISIONS	BY

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ADDITION TO THE DALES COMMUNITY CENTER
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Date 8/17/07
Scale
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Job 8622
Sheet 3-4
Of 4 Sheets

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SPLIT HEAT PUMP

	MANUF AND MODEL	COOLING @ 82°F TOTAL	EER	HEATING @ 47°F TOTAL	COP	SUPPLY AIR CFM	ESP	ELECTRICAL OUTDOOR UNIT	INDOOR UNIT	V	PH	HZ	UNIT WT. LBS.
HP 1	SEE SPEC	54,000	8.50	59,500	HSPF 7.0	—	—	24.1 AMPS	—	208	3φ	60	350
FC 1	↓					2045	0.6	—	5.6 AMPS	208	1φ	60	200

EXHAUST FAN

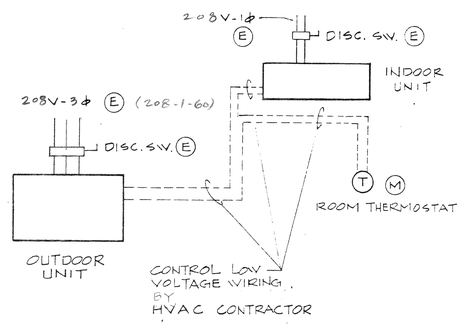
	MANUF. AND MODEL	AIR QTY CFM	ESP INCH W.G.	RPM	ELECTRICAL POWER	V	PH	HZ	REMARKS
EF 1	SEE SPEC	110	0.2	1550	35 W	115	1φ	60	CLG. MTD. W/ WALL CAP
EF 2	↓	410	0.1	—	293 W	115	1φ	60	

HVAC SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SUPPLY DUCT SECTION	M	MOTORIZED DAMPER
	RETURN DUCT SECTION		FIRE DAMPER
	EXHAUST DUCT SECTION		MANUAL VOLUME DAMPER
	CEILING DIFFUSER	UC	UNDER CUT DOOR
	RETURN REGISTER/GRILLE	L	LOUVER
	EXHAUST REGISTER/GRILLE	φ	ROUND DUCT DIAMETER
	LINED DUCT	OSA	OUTSIDE AIR
	FLEXIBLE CONNECTION	CD	CEILING DIFFUSER
T	THERMOSTAT	RR/RG	RETURN REGISTER/GRILLE
DAP	DUCT ACCESS PANEL	ER/EG	EXHAUST REGISTER/GRILLE
	90° LONG RADIUS ELBOW		SPIN-IN FITTING W/MVD TO RECT. DUCT
	T-FITTING		DUCT CROSSING
	FLEXIBLE CONNECTION TO AIR OUTLET		DUCT TAKE-OFF AT BOTTOM
	ROUND DUCT DROP		REDUCER
TG	TRANSFER GRILLE		RELIEF VALVE
SAD	SUPPLY AIR DUCT	RAD	RETURN AIR DUCT
EAD	EXHAUST AIR DUCT		

HVAC NOTES

1. All work shall conform to local codes.
2. This contractor shall pay for all permits and fees.
3. Control low voltage wiring by MECHANICAL TRADE.
4. Condensate drain piping and final conn of same to A. C. unit by Plumbing TRADE.
5. Connect supply and return duct to A.C. unit with flexible connection. Flexible connection installed in outdoor shall be weather proof.
6. Line all ductwork installed in outdoor with coated liner having a value of R = 6.
7. Concealed ductwork shall be GI wrapped with insulation having a value of R = 6.
8. MECHANICAL TRADE shall coordinate with general contractor for size and location of ductwork openings and with electrical contractor for electrical requirements of all mechanical equipment.
9. All ductwork shall conform to SMACNA standards.
10. Round and rectangular ductwork are interchangable if friction per 100 feet are equal. Substitute round duct with rectangular duct when space is limited.
11. Ceiling diffusers and registers shall be Anemostat, Metalaire or approved equal; and shall have O.B.D. W/ PERFORATED PLATE
12. Provide backdraft damper for all exhaust air duct.
13. MECHANICAL TRADE shall test and balance the air distribution system shown on drawings.
14. Any material, or equipment other than that indicated on the drawings shall not be used unless approved by the engineer in writing; and any changes that are required in mechanical, electrical and/ or other systems due to such substition shall be the responsibility of the contractor and at no additional cost to the Owner



SPLIT A/C SYSTEM CONTROL DIAGRAM

ENERGY CONSERVATION

1. Temperature control shall be capable to sequence heating and cooling.
2. Temperature control set point limits shall be capable of terminating all heating at temperature of no more than 70°F and terminating all cooling at a temperature of no less than 78°F.
3. Temperature set point range between full heating and full cooling shall have an adjustable span of up to 10°F difference.
4. Control system shall have time clock for system shut-off.
5. Automatic temperature control system as described above in item #1, 2, 3 and 4 shall be provided for each separate HVAC system.
6. Damper which is automatically interlocked and closed on fan shut-down shall be provided for each exhaust fan.
7. An insulation of R=6 shall be applied to all supply and return air ductwork. Duct construction shall conform to ASHRAE HANDBOOK, 1975 Equipment, Chapter 1, Pages 1.1 through 1.8. Sealing shall be applied to transverse joints for all supply ductwork. Longitudinal joints must be sealed whenever the internal static pressure in the ductwork exceeds 0.75 inches of water.
8. Permanent label affixed to the equipment shall indicate by number which maintenance or operational manuals that explain the detail routine maintenance actions which must be performed to maintain the equipment in efficient operating condition.
9. Suppliers of HVAC equipment shall furnish, upon request, the full and partial capacity and standby input(s) and output(s) of all equipment and components of applied systems, based on equipment in new condition.

I HAVE REVIEWED THE ENERGY CONSERVATION STANDARDS FOR THE NEW NONRESIDENTIAL BUILDINGS & I FIND THE DESIGN SUBMITTED CONFORMS SUBSTANTIALLY WITH THESE REGULATIONS.

M-16715

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Job
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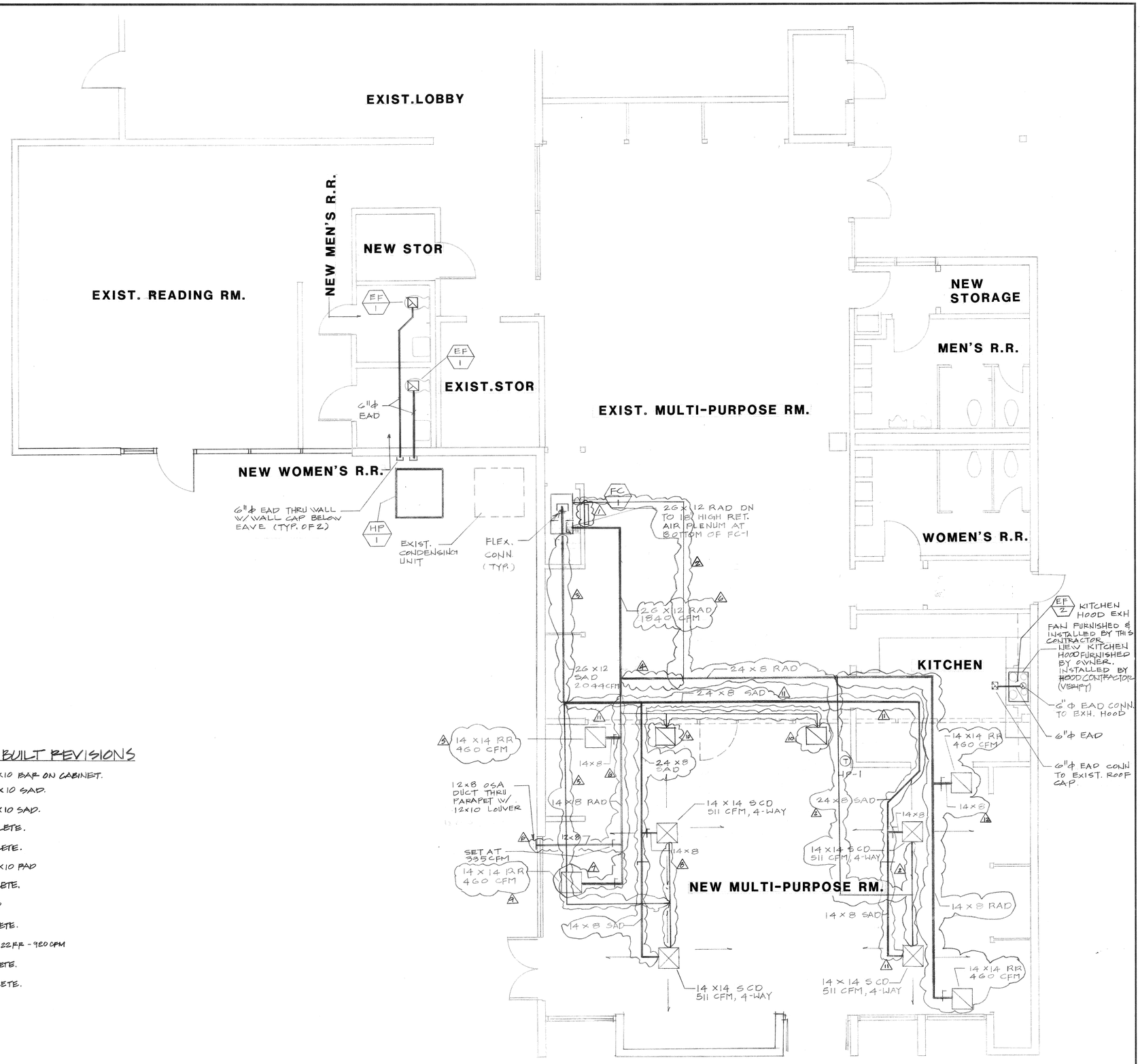

AS BUILT REVISIONS

1. 30x10 BAR ON CABINET.
2. 26 x 10 SAD.
3. 26 x 10 SAD.
4. DELETE.
5. DELETE.
6. 36 x 10 RAD
7. DELETE.
8. 12"ϕ
9. DELETE.
10. 22x22 RR - 920 CFM
11. DELETE.
12. DELETE.

HVAC FLOOR PLAN

REVISIONS	BY
AS BLT REV. 2-15-90	JA

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Job

Sheet M-2

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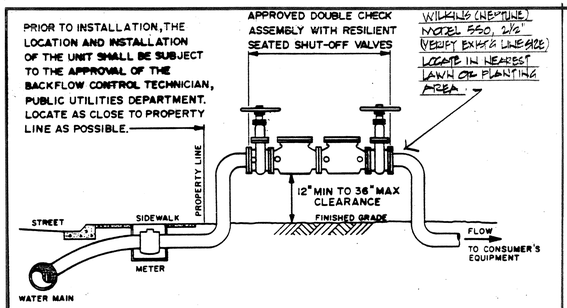
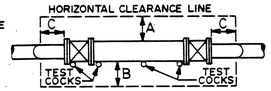
PRIOR TO INSTALLATION, THE LOCATION AND INSTALLATION OF THE UNIT SHALL BE SUBJECT TO THE APPROVAL OF THE BACKFLOW CONTROL TECHNICIAN, PUBLIC UTILITIES DEPARTMENT. LOCATE AS CLOSE TO PROPERTY LINE AS POSSIBLE.



MINIMUM CLEARANCE SCHEDULE

SIZE	A	B	C
¾"- 3"	12"	18"	12"
4" & UP	24"	24"	12"



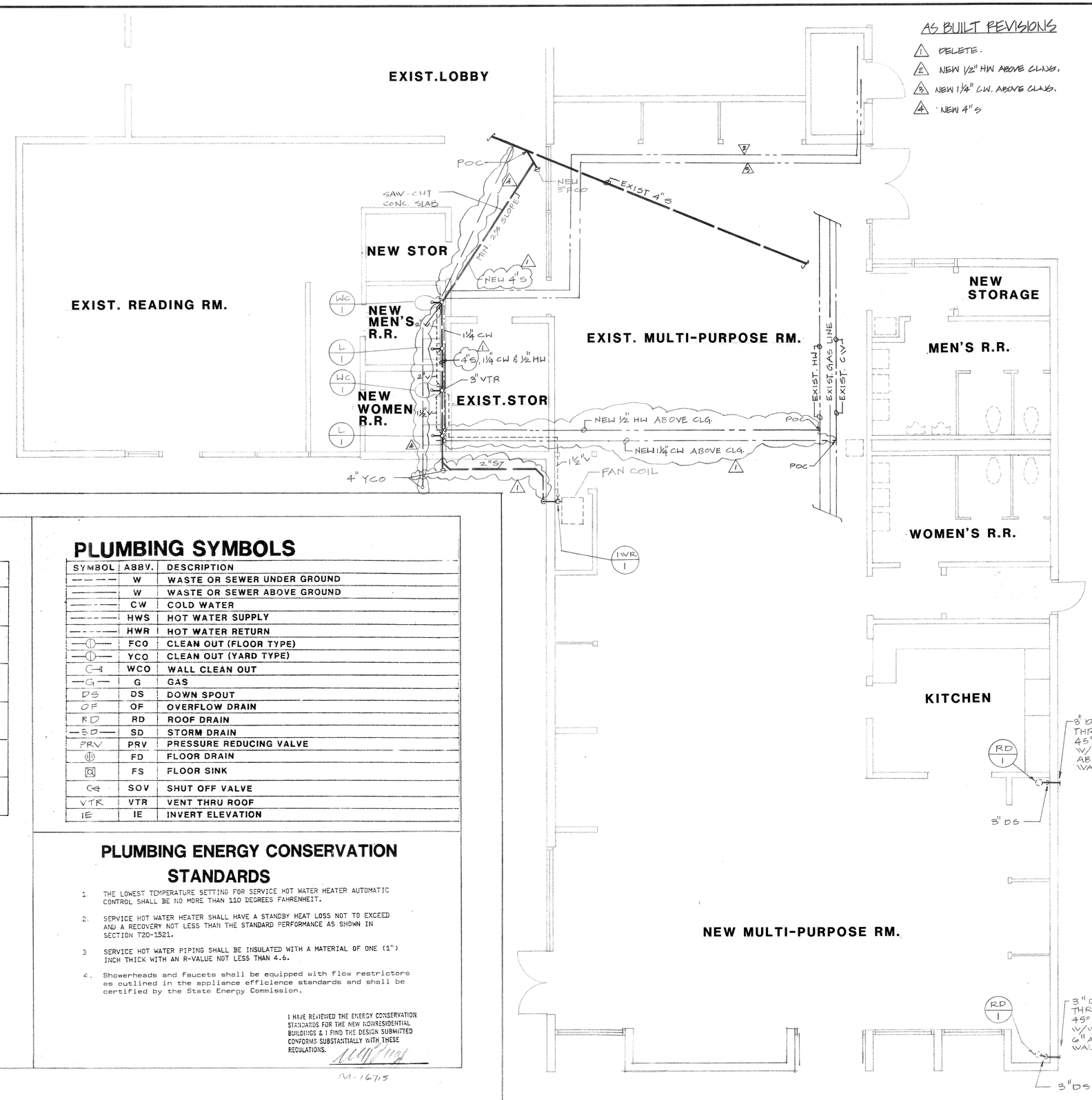
DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY

NOTES:

1) The device must be inspected and tested immediately after installation. Telephone 787-7420.
2) No connections or tees are permitted between meter and backflow preventer. Strainers will be reviewed on an individual basis.
3) Prior to installation of the assembly, the water division is available for a short duration of time to turn on the service for the purposes of flushing the service.
4) It is necessary to shut off the water supply during the testing or repairing of the backflow preventer. For this reason a manifold connection with dual units should be considered if an uninterrupted supply of water is necessary for the business operation.
5) A pressure relief valve shall be installed per Sec. 1007 Uniform Plumbing Code.

WATER DISTRIBUTION AND TRANSMISSION CONSTRUCTION METHO.	TYPICAL ARRANGEMENT FOR INSTALLATION AT THE WATER SERVICE CONNECTION OF AN APPROVED DOUBLE CHECK VALVE ASSEMBLY

RIVERSIDE PUBLIC UTILITIES DEPARTMENT STANDARD | DATE: 12-86 | DRN: SVG



AS BUILT REVISIONS

1. DELETE.
2. NEW ½" HW ABOVE CLNG.
3. NEW 1¼" CW. ABOVE CLNG.
4. NEW 4"S

FIXTURE SCHEDULE

	FIXTURE	CW	HW	W	V	T	REMARKS
WC 1	WATER CLOSET HANDICAPPED	1"	–	3"	2"	INT	SEE SPEC.
L 1	LAVATORY	½"	½"	1½"	1½"	1½"	
RD 1	ROOF DRAIN	–	–	3"	–	–	
		–	–		–	–	
IWR 1	INDIRECT WASTE RECEPTOR	–	–	2"	1½"	2"	

PLUMBING NOTES

1. All work shall conform to local code.
2. Contractor shall pay for all permits and fee.
3. Contractor shall verify all existing utility prior to bid and construction. Notify architect any discrepancy regarding exist conditions.
4. Sanitary piping shall be "No-Hub" cast iron soil pipe.
5. Hot and cold water piping shall be type "L" copper.
6. Exact location and mounting height for plumbing fixtures shall be obtained from Architectural drawings.
7. Provide dielectric unions at all dissimilar metal piping connections.
8. Gas piping shall be black steel wrapped below grade and shall be galvanized steel schedule 40 for above grade and exposed on roof.

PLUMBING SYMBOLS

SYMBOL	ABBV.	DESCRIPTION
	W	WASTE OR SEWER UNDER GROUND
	W	WASTE OR SEWER ABOVE GROUND
	CW	COLD WATER
	HWS	HOT WATER SUPPLY
	HWR	HOT WATER RETURN
	FCO	CLEAN OUT (FLOOR TYPE)
	YCO	CLEAN OUT (YARD TYPE)
	WCO	WALL CLEAN OUT
	G	GAS
DS	DS	DOWN SPOUT
OF	OF	OVERFLOW DRAIN
RD	RD	ROOF DRAIN
	SD	STORM DRAIN
PRV	PRV	PRESSURE REDUCING VALVE
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	SOV	SHUT OFF VALVE
VTR	VTR	VENT THRU ROOF
IE	IE	INVERT ELEVATION

PLUMBING ENERGY CONSERVATION STANDARDS

1. THE LOWEST TEMPERATURE SETTING FOR SERVICE HOT WATER HEATER AUTOMATIC CONTROL SHALL BE NO MORE THAN 110 DEGREES FAHRENHEIT.
2. SEPVICE HOT WATER HEATER SHALL HAVE A STANDBY HEAT LOSS NOT TO EXCEED AND A RECOVERY NOT LESS THAN THE STANDARD PERFORMANCE AS SHOWN IN SECTION T20-1521.
3. SERVICE HOT WATER PIPING SHALL BE INSULATED WITH A MATERIAL OF ONE (1") INCH THICK WITH AN R-VALUE NOT LESS THAN 4.6.
4. Showerheads and faucets shall be equipped with flow restrictors as outlined in the appliance efficience standards and shall be certified by the State Energy Commission.

I HAVE REVIEWED THE ENERGY CONSERVATION STANDARDS FOR THE NEW NONRESIDENTIAL BUILDINGS & I FIND THE DESIGN SUBMITTED CONFORMS SUBSTANTIALLY WITH THESE REGULATIONS.

M-16715

PLUMBING FLOOR PLAN

SCALE: ¼" = 1'-0"

REVISIONS	BY
AS BLT. 2-15-90	JH

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Date 8/17/87

Scale ¼" = 1'-0"

Drawn A.P

Job

Sheet P-1

Of 1 Sheets

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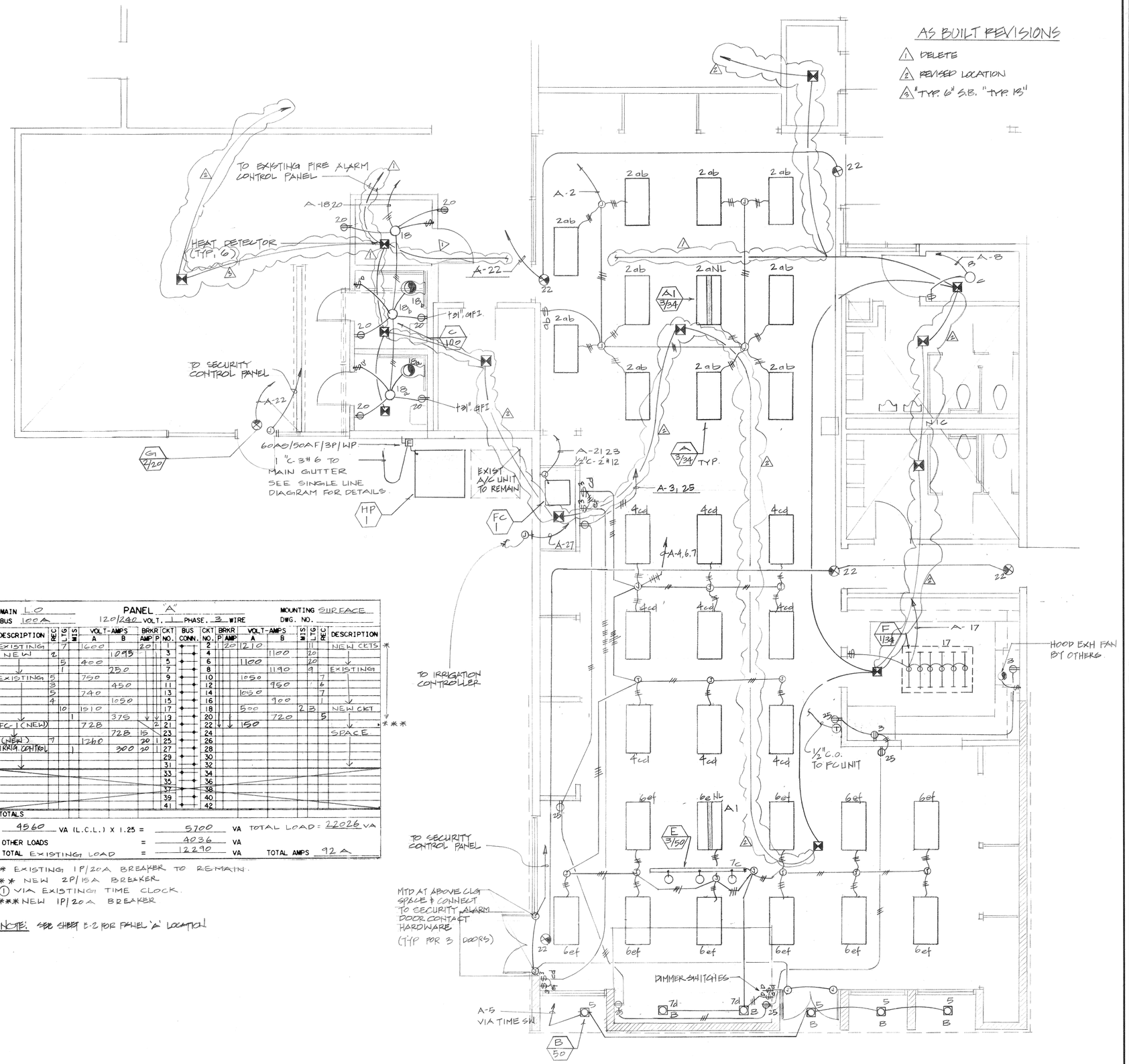
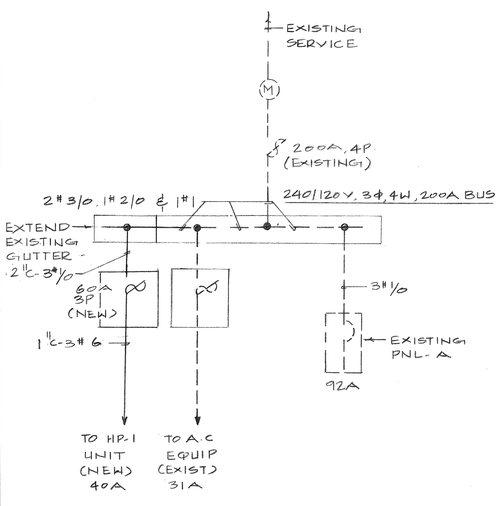


ELECTRICAL FLOOR PLAN

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



SINGLE LINE DIAGRAM

NOT TO SCALE

— — — EXISTING INSTALLATION.

——— NEW INSTALLATION.

PANEL "A"

MAIN L.O. BUS 100A 120/240 VOLT. 1 PHASE. 3 WIRE MOUNTING SURFACE DWG. NO.

DESCRIPTION	REC	LTG	WIS	VOLT-AMPS A	VOLT-AMPS B	BRKR AMP	BRKR P	CKT NO.	BUS CONN.	CKT NO.	BRKR P	BRKR AMP	VOLT-AMPS A	VOLT-AMPS B	WIS	LTG	REC	DESCRIPTION
EXISTING		7		1600		20		1		2		20	1210			11		NEW CKTS
NEW	2				1095			3		4				1100		20		
		5		400				5		6			1100			20		
			1		250			7		8				1190		9		EXISTING
EXISTING	5			750				9		10			1050				7	
	3				450			11		12				950			6	
	5			740				13		14			1050				7	
	4				1050			15		16				900				
		10		1910				17		18			500		23			NEW CKT
			1		375			19		20				720			5	
FC-1 (NEW)				728				21		22			150					
					728		15	23		24								SPACE
(NEW)	7			1260			20	25		26								
IRRIG. CONTROL		1			300		20	27		28								
								29		30								
								31		32								
								33		34								
								35		36								
								37		38								
								39		40								
								41		42								

TOTALS

4560 VA (L.C.L.) X 1.25 = 5700 VA TOTAL LOAD = 22026 VA

OTHER LOADS = 4036 VA

TOTAL EXISTING LOAD = 12290 VA TOTAL AMPS 92 A

* EXISTING 1P/20A BREAKER TO REMAIN.

** NEW 2P/15A BREAKER.

① VIA EXISTING TIME CLOCK.

*** NEW 1P/20A BREAKER.

NOTE: SEE SHEET E-2 FOR PANEL 'A' LOCATION.

REVISIONS	BY
AS BLT. 2-15-90	JH

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Job

Sheet 2 Of 2 Sheets

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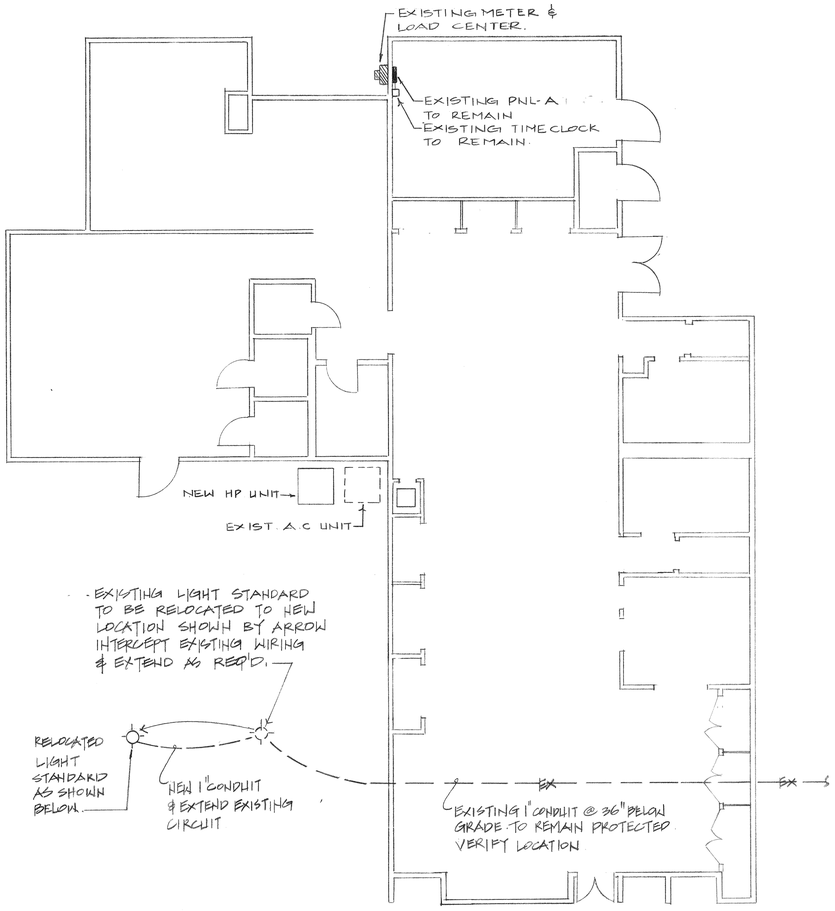


FLOOR PLAN

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

ELECTRICAL GENERAL NOTES :

1. THE CONTRACTOR SHALL COMPLY WITH CODES AND ORDINANCES HAVING JURISDICTION.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTION REQUIREMENTS.
3. THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE AND BUILDING CONDITIONS, THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS PRIOR TO BIDDING.
4. ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC. INSTALL THE ELECTRICAL SYSTEMS WITHOUT INTERFERRING WITH DUCTS, PIPES, STRUCTURAL STEEL OR OTHER SYSTEMS.
5. ALL MATERIAL SHALL BE NEW, U.L. LISTED AND APPROVED AS APPROPRIATE.
6. REFER TO MECHANICAL DRAWINGS FOR EXACT EQUIPMENT AND CONTROL LOCATIONS AND FOR CONTROL SCHEMATICS. ALL LOCATIONS SHALL BE VERIFIED BEFORE ROUGH-IN.
7. ALL ELECTRICAL DEVICES, EQUIPMENT, CONDUITS, CONNECTORS ETC. LOCATED OUTSIDE OF BUILDING ENVELOPE SHALL BE WEATHERPROOFED.
8. ALL CONDUCTORS SHALL BE COPPER, TYPE THW WITH 600 VOLTS INSULATION UNLESS NOTED OTHERWISE.
9. ELECTRICAL METALLIC CONDUIT MAY BE USED INDOOR DRY LOCATIONS. FLEXIBLE CONDUIT SHALL BE USED FOR FINAL CONNECTIONS TO MOTORS AND OTHER VIBRATING EQUIPMENT. FLEXIBLE CONDUIT USED IN DAMP AND OUTDOORS SHALL BE WEATHERPROOFED.
10. INSTALL ALL EXPOSED CONDUITS IN THE BUILDING PARALLEL OR PERPENDICULAR TO THE LINES OF BUILDING. CONDUIT SHALL BE SUPPORTED ACCORDING TO CODE.
11. THE CONTRACTOR SHALL MAINTAIN THE UNIFORMITY AND CONTINUITY OF THE GROUNDING SYSTEM.
12. RECEPTACLES SHALL BE GROUNDING TYPE RATED 20 AMPS - 125 VOLTS, NEMA CONFIGURATION 5-20R SIDE WIRED ONLY.
13. SWITCHES SHALL BE RATED 20 AMPS - 120/277 VOLTS.
14. TELEPHONE OUTLETS SHALL BE A 5" DEEP BOX WITH SINGLE GANG SWITCH RING. PROVIDE TELEPHONE PLATE.
15. PLATES SHALL BE FURNISHED FOR ALL TYPES OF OUTLETS AND SHALL BE HEAVY DUTY SMOOTH EASY TO CLEANPLASTIC TYPE.
16. ALL PENETRATIONS OF FIRE RATED SURFACES SHALL BE PROVIDED WITH NONCOMBUSTIBLE MATERIAL OF FIRE RATING EQUAL TO THE MATERIAL PENETRATED.
17. TEST THE COMPLETE SYSTEM TO DEMONSTRATE THAT THE ELECTRICAL COMPONENTS AND SYSTEMS ARE COMPLETE, INSTALLED AND FUNCTION PROPERLY, MAKE NECESSARY CORRECTIONS TO MALFUNCTION AND LEAVE SYSTEM READY FOR OPERATION.
18. ALL WORK SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY THE OWNER.

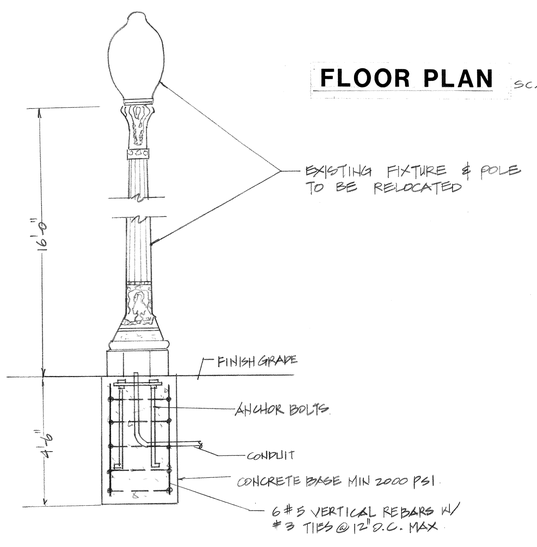
ELECTRICAL SYMBOL LIST

(REFER TO DRAWINGS FOR APPLICATION)

- FLUORESCENT LIGHTING FIXTURE RECESSED IN CEILING
- FLUORESCENT LIGHTING FIXTURE WALL MOUNTED
- FLUORESCENT LIGHTING FIXTURE SURFACE OR PENDENT MOUNTED
- FLUORESCENT STRIP LIGHTING FIXTURE
- INCANDESCENT OR H.I.D. LIGHTING FIXTURE SURFACE MOUNTED
- INCANDESCENT OR H.I.D. LIGHTING FIXTURE RECESSED MOUNTED
- INCANDESCENT OR H.I.D. LIGHTING FIXTURE WALL MOUNTED
- EXIT SIGN LIGHTING FIXTURE, DIRECTIONAL ARROW AS SHOWN
- DUPLEX RECEPTACLE @ +12" OR AS NOTED. GROUNDING TYPE
- DUPLEX RECEPTACLE HALF-SWITCHED @ +12" OR AS NOTED. GROUNDING TYPE
- FLUSH CEILING MOUNTED DUPLEX RECEPTACLE, GROUNDING TYPE
- FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE, GROUNDING TYPE
- SPECIAL PURPOSE RECEPTACLE AS INDICATED ON PLAN
- JUNCTION BOX, STANDARD OUTLET W/BLANK COVER PLATE, WALL MOUNTED
- JUNCTION BOX, CEILING MOUNTED
- TELEPHONE OUTLET, FLUSH MOUNTED AT 12" OR ASNOTED
- THERMOSTAT OUTLET, FLUSH MOUNTED AT 5'-0" OR AS NOTED
- TOGGLE SWITCH, SINGLE POLE, FLUSH MOUNTED @ 4'-0" OR AS NOTED
- THREE-WAY TOGGLE SWITCH MOUNTED @ 4'-0" OR AS NOTED
- MANUAL MOTOR STATER SWITCH WITH THERMAL OVERLOAD PROTECTION, 1 OR 2 POLE AS REQUIRED, MOUNTED @4'-0" OR AS NOTED
- DISCONNECT SWITCH, HORSEPOWER RATED. "F" DENOTES FUSED TYPE
- LIGHTING OR RECEPTACLE PANELBOARD. @ +6'-6" TO TOP
- FIXTURE DESIGNATION, "A" =FIXTURE TYPE, 2/34 = TWO 34 W LAMPS
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL
- CONDUIT RUN CONCEALED IN OR BELOW FLOOR OR GRADE
- FLEXIBLE CONDUIT
- P-1,3 HOMERUN TO PANEL "P" CIRCUITS #1 & #3 WITH WIRES AS NOTED
- 2 PLAN NOTE #2
- TELEPHONE CONDUIT 3/4" C.O. RUN FROM OUTLET TO CEILING SPACE
- TELEPHONE MAIN BACKBOARD OR TERMINAL BOX
- EXHAUST FAN
- T THRMOSTAT

ELECTRICAL WIRING LEGEND :

1/2"C - 2#12,	1/2"C - 3#12,	3/4"C - 4#12
3/4"C - 5#12,	1 "C - 6#12,	1" C - 7#12
1/2"C - 2#10,	3/4"C - 3#10	3/4"C- 4#10
1" C - 5#10,	3/4"C - 2#8	1" C- 3#8



SECURITY LIGHTING DETAIL

NTS

LIGHTING FIXTURE SCHEDULE

TYPE	FIXTURE: INCAND.	FIXTURE: FLUOR.	FIXTURE: H.I.D.	FIXTURE: H.P.S.	VOLTS	LAMPS: NO.	LAMPS: WATTS AND TYPE	MOUNTING: REC.	MOUNTING: CLG.	MOUNTING: PEND.	MOUNTING: WALL	DESCRIPTION & VARIATIONS	MANUFACTURER & CATALOG NUMBER
A (1) A1		V			120	3	34 W F40T12 RS/CW	V				2'X4' FLOUR FIX W/ ACRYLIC PRISMATIC LENS	SEE SPECS
B				V	120	1	50 W		V			HIGH PR SODIUM DOWN LIGHT MEDIUM BASE	SEE SPECS
C	V				120	1	100W A19		V			CLG MTD SPHERE LIGHT UL LISTED	SEE SPECS
E					120	3	50W R20	V				TRACK LIGHT W/ BLACK COLEX BUFFLE	SEE SPECS
F		V			120	1	34W F40T12 RS/CW		V			4' STRIP LIGHT	SEE SPECS
G	V				120	2	20W T6 1/2		V			EXIT SIGN LIGHT W/ EMG PACK BAT. UNIT SINGLE FACE.	SEE SPECS

NOTES:

(1) PROVIDE EMG BATTERY UNIT TO FIXTURE TYPE A1.

I HAVE REVIEWED THE ENERGY CONSERVATION STANDARDS FOR THE NEW NONRESIDENTIAL BUILDINGS & I FIND THE DESIGN SUBMITTED CONFORMS SUBSTANTIALLY WITH THESE REGULATIONS.

REVISIONS	BY

Consolidated Engineering
David L. Lo, P.E.
CONSULTING ELECTRICAL ENGINEER
3512 CHAMBERLAIN ROAD SUITE 101
FAIRFIELD, CA 94533
(707) 546-5711

ADDITION TO THE DALES COMMUNITY CENTER

city of riverside park & recreation department

3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

L.M. TAKITA & ASSOCIATES
ARCHITECTURE • PLANNING
17151 Newhope St, Design Core Ste. 212, Fountain Valley, California 92708 • (714) 540-5212

Date 8/17/87

Scale 1/8" = 1'-0"

Drawn DL

Job

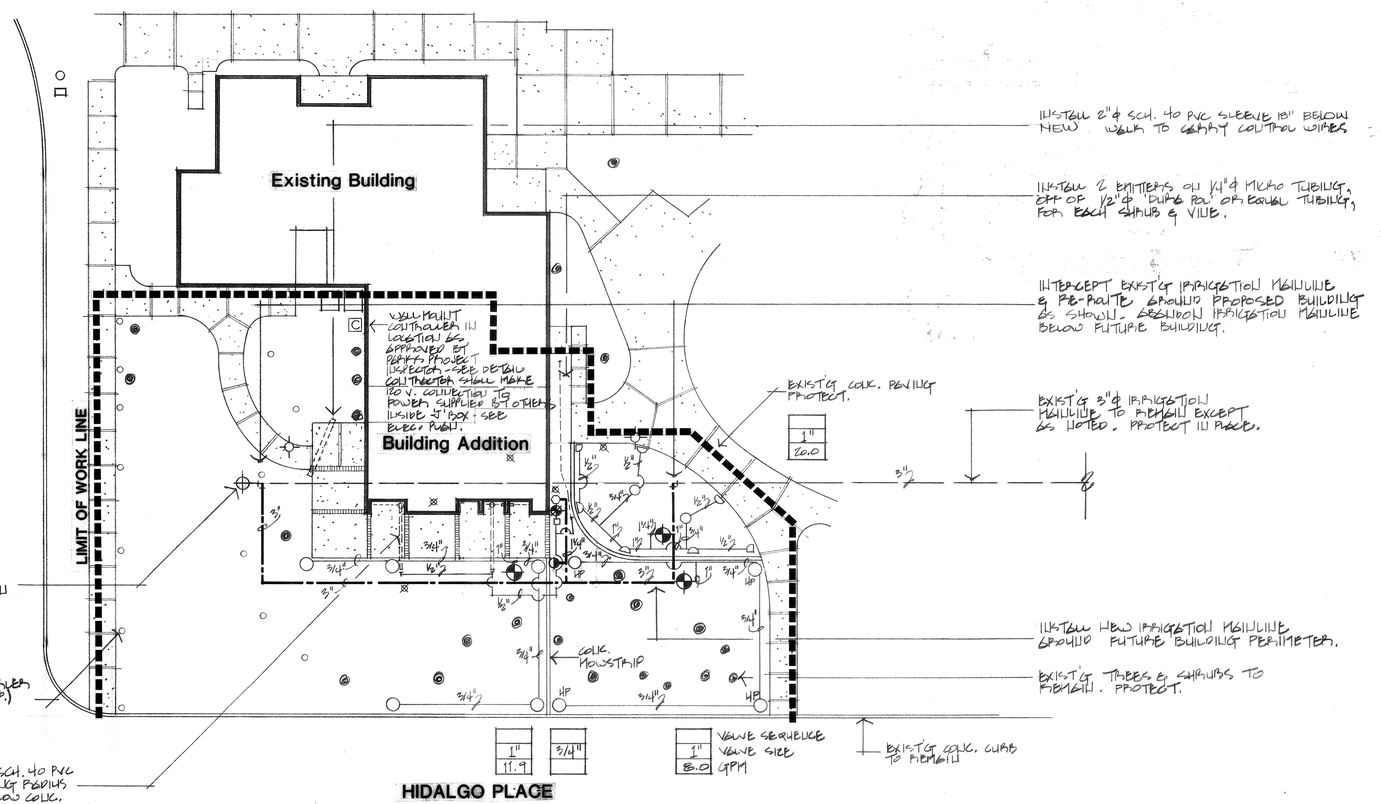
Sheet 2 Of 2 Sheets

NOTES:

CONTRACTOR SHALL REMOVE & SALVAGE EXIST'G SPRINKLERS SHOWN TO BE REMOVED PER LAYOUT. LATERALS TO THESE SPRINKLERS & ANY THAT FALL BELOW THE PROPOSED BUILDING OR PATIO SHALL BE CAPPED OFF OUTSIDE THE BUILDING OR PATIO PERIMETER WALLS. LATERALS BELOW FUTURE BUILDING SHALL BE ABANDONED.

IF CAPPING THESE LATERALS OFF SHUTS OFF ANY SPRINKLERS SHOWN TO REMAIN, CONTRACTOR SHALL INSTALL & CONNECT NEW LATERAL LINE FROM THE EXIST'G RCV TO THE EXIST'G SPRINKLER.

SALVAGED SPRINKLERS SHALL BE TURNED OVER TO THE CITY @ BEGINNING OF PLANT ESTABLISHMENT PERIOD.



NOTE: SEE SHEET I-2 FOR IRRIG. LEGEND

REGISTERED LANDSCAPE ARCHITECT
WALTER G. ELLIOTT
STATE OF CALIFORNIA

North

Scale 1/16" - 1'-0"

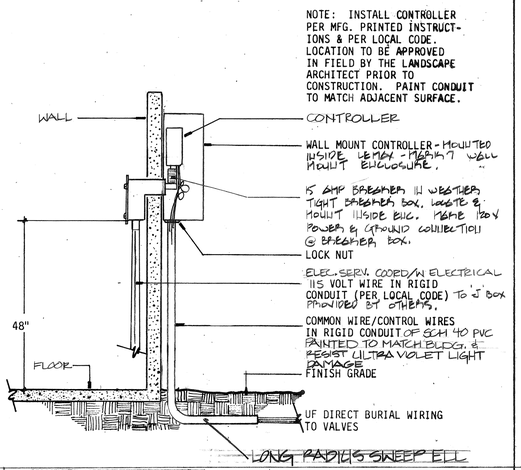
elliott/ maloney
landscape architecture
planning
3903 Brockton Avenue, Suite 2, Riverside, California 92501, (714) 369-0700

PROJECT:
ADDITION TO THE DALES COMMUNITY CENTER
for the City of Riverside Parks & Recreation Department

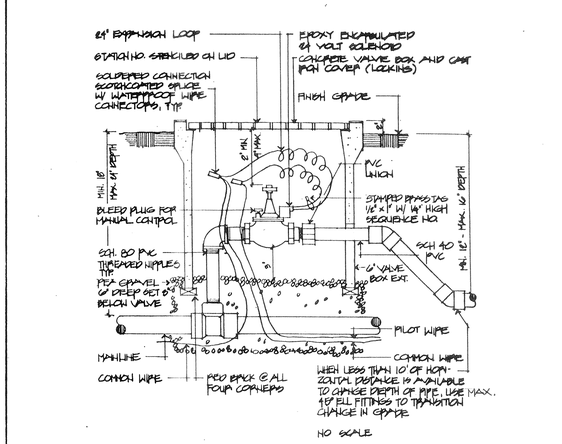
SHEET DESCRIPTION:
Irrigation Plan

DATE:	24 APRIL 87
JOB NO.:	870425
DRAWN BY:	M.B.
CHECKED BY:	
REVISIONS:	

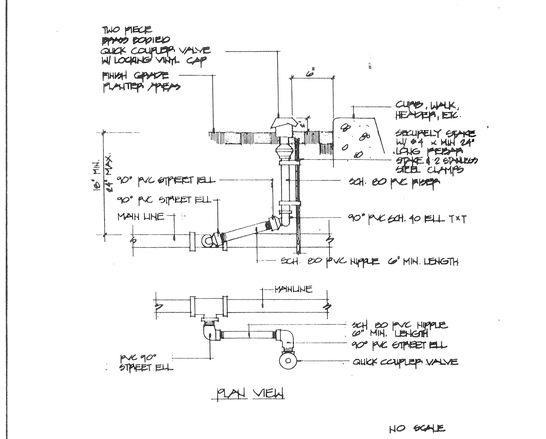
SHEET:
I-1
OF 2



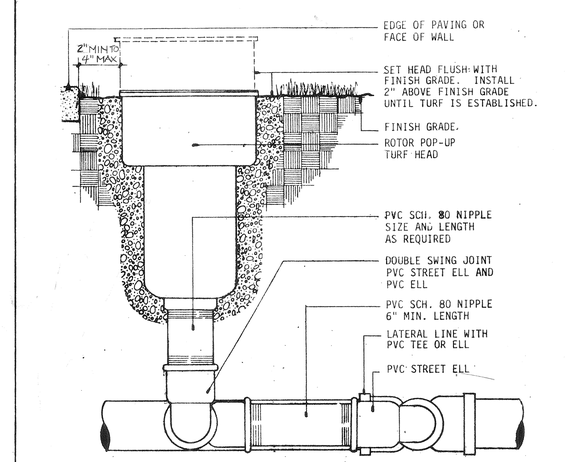
A CONTROLLER



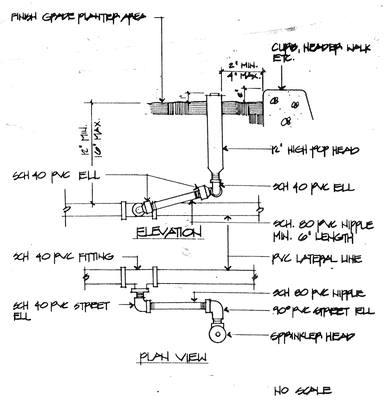
B AUTOMATIC VALVE



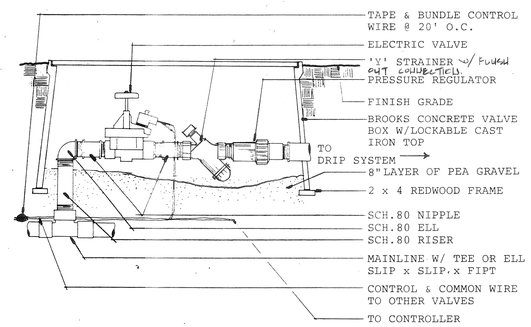
C QUICK COUPLER



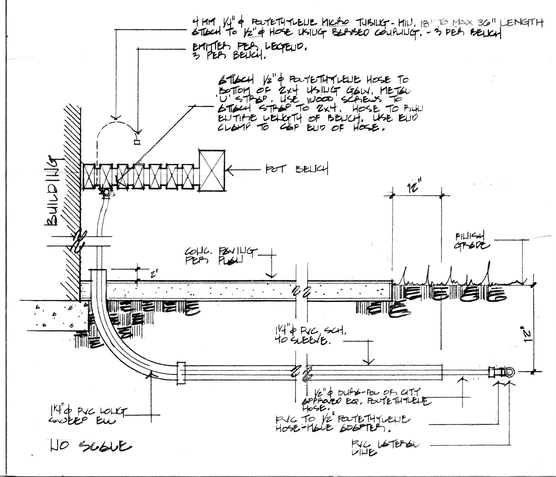
D ROTOR HEAD



E SPRAY HEAD



F DRIP RCV



G POT BENCH DRIP DETAIL

IRRIGATION LEGEND

Sym.	Model/Description	PSI	Radius	Pattern/GPM full	half	qtr				Detail	Remarks
○	TORO 5600-PC-3.0 3/4" BASE	25	35'		2.38					'D'	
○HP	XP-300-HP-Q-10	35	37'			1.99				'E'	
○○D	570-15' STANDARD COUNTERSUNK 3" POP	30	15'	4.0	2.0	1.0				'B'	
NOT SHOWN	TORO 700-01 BARBED INLET/OUTLET EMITTER	—	—	1 GPH							STAKE IN PLACE USING TORO 140-02 TUBING STAKES. INSTALL 2 PER SHRUB BY VINE
⊠	EXIST'G SPRINKLER TO BE REMOVED & LINE CAPPED										
○	EXIST'G SPRINKLER TO REMAIN - PROTECT										
⊡	TORO 6841 171-06-01 CONTROLLER - WALL MOUNT INSIDE LE-MAX MODEL 7 ENCLOSURE									'A'	FINAL LOCATION AS APPROVED
○	130-01 WIRE STRAINER									'E'	
▫	120-02 PRESSURE REGULATOR									'F'	
	GRINNELL MODEL 2000 REMOTE CONTROL VALVE									'B'	
	TORO 264-06-03 ELECTRIC REMOTE CONTROL VALVE									'F'	
	EXISTING REMOTE CONTROL VALVE - PROTECT IN PLACE										
	RAINBIRD 44LRC QUICK COUPLER VALVE									'C'	
NOT SHOWN	1/2" ø 4MM POLYETHYLENE MICRO TUBING										
- - - - - -	1/2" ø 16MM POLYETHYLENE DURA-FLO HOSE OR CITY APPROVED EQUAL.										
▬ ▪ ▬ ▪	CLASS 315 PVC IRRIGATION MAINLINE										
▬ ▬	EXIST'G PVC IRRIGATION MAINLINE										
▬	CLASS 200 PVC LATERAL LINE										
NOT SHOWN	UNDERGROUND CONTROL WIRE - SEE SPECIFICATIONS										

IRRIGATION NOTES

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY J. MALONEY NO. 2110
Signature
Date
STATE OF CALIFORNIA

elliott/maloney
landscape architecture planning
740 Brockton Avenue, Suite 2, Riverside, California 92501 (714) 684-0700

PROJECT
ADDITION TO THE DALES COMMUNITY CENTER
for the City of Riverside Parks & Recreation Department

SHEET DESCRIPTION
IRRIGATION DETAILS

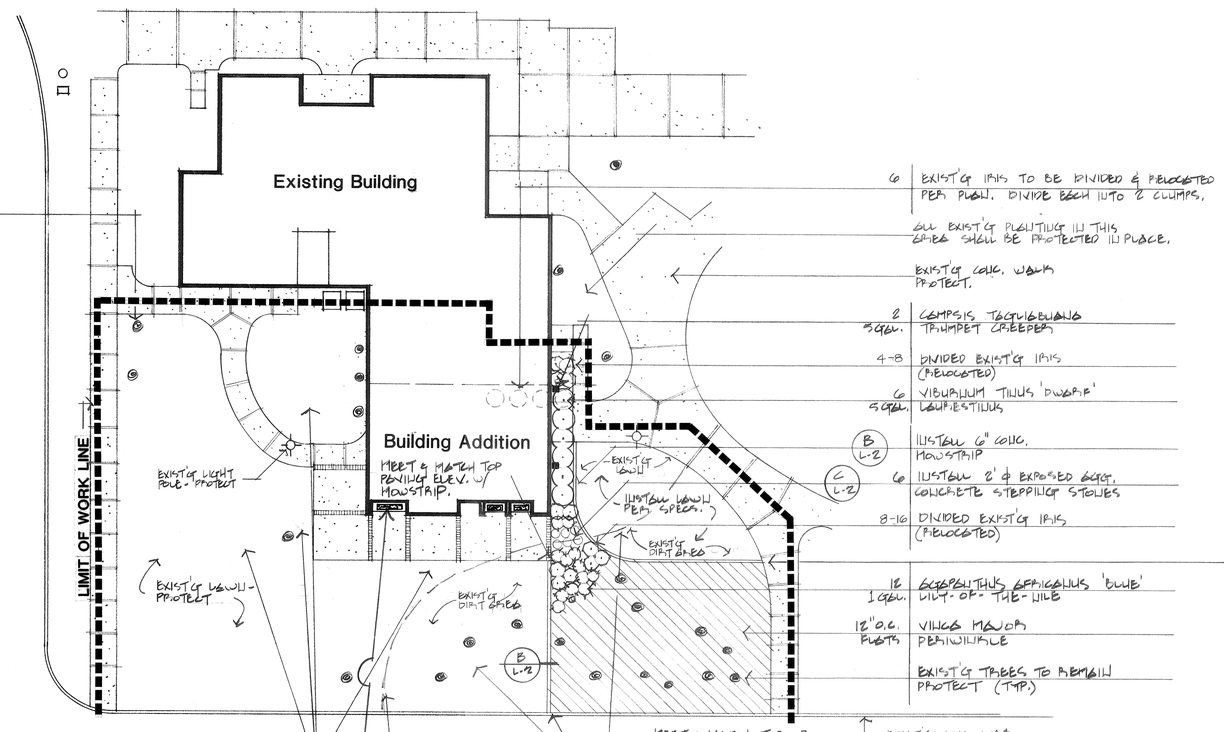
DATE 24 APRIL '87
JOB NO. 870425
DRAWN BY M.E.
CHECKED BY
REVISIONS

SHEET
I-2
OF 2

GENERAL NOTES :

CONTRACTOR SHALL SOIL PREP. PER SPECIFICATIONS ALL PLANTING AREAS EXCLUDING UNDISTURBED EXISTING PLANTERS.

CONTRACTOR IS TO MAINTAIN ALL PLANTING AREAS WITHIN THE WORK LIMIT LINES FOR THE ENTIRE LENGTH OF THE CONTRACT THROUGH THE END OF THE PLANT ESTABLISHMENT PERIOD.



CONTRACTOR SHALL FINISH & FINE GRADE ALL PLANTING AREAS DISTURBED BY THE WORK AS NECESSARY TO ACHIEVE A SMOOTH BASE FOR NEW PLANTINGS. THEN, RE-PLANT ALL DAMAGED AREAS AS NOTED.

INSTALL 1 PLANTING POT ON EACH OF 3 PLANTER SHELVES PER DETAIL D, SHT. L-2 - CENTER POTS ON SHELF. CONTRACTOR SHALL INSTALL 10-4" POTS OF ANNUAL COLOR IN EACH PLANTER POT. SELECTION OF ANNUALS SHALL BE APPROVED BY PARK PROJECTS INSPECTOR @ TIME OF INSTALLATION.

REGISTERED LANDSCAPE ARCHITECT MICHAEL G. ELLIOTT Signature Date STATE OF CALIFORNIA

North

Scale 1/16" - 1'-0"

elliott/ maloney
landscape architecture
planning
3903 Brockton Avenue, Suite 2, Riverside, California 92501, (714) 369-0700

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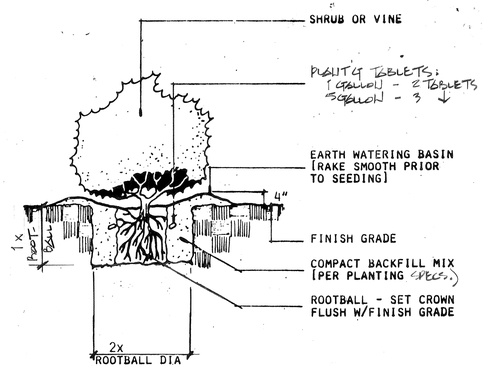
ADDITION TO THE DALES COMMUNITY CENTER
for the City of Riverside Parks & Recreation Department

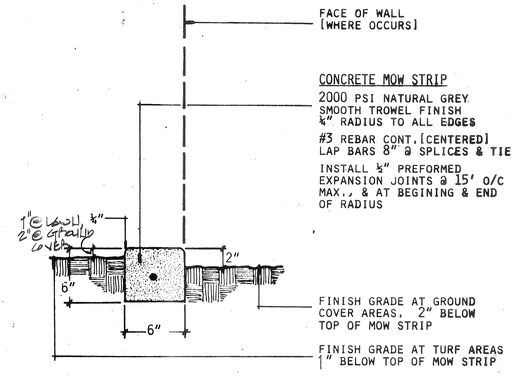
SHEET DESCRIPTION:
Planting Plan

DATE:	24 APRIL 87
JOB NO.:	870425
DRAWN BY:	M.E.
CHECKED BY:	
REVISIONS:	

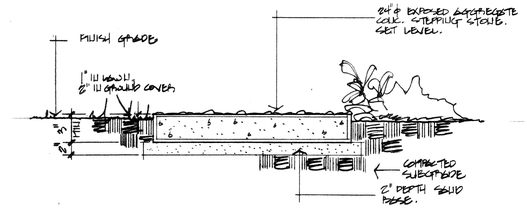
SHEET:
L-1
OF 2



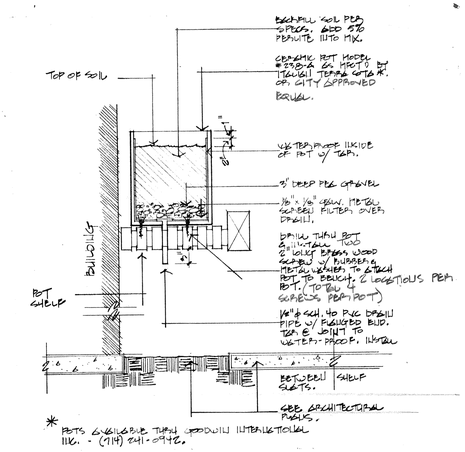
A SHRUB PLANTING



B MOW STRIP



C STEPPING STONE



* POTS AVAILABLE THRU CROWN INTERNATIONAL INC. - (714) 241-0942.

D SHELF POTS

Botanical Name	Size	Detail	Remarks
EUCALYPTUS SPECIOSUS	1 GAL.	'A'	
CAMPSIS TAGLIABUENA	5 GAL.	'A'	
VIBURNUM TINUS 'DWARF'	5 GAL.	'A'	
VINCA MAJOR	PLGTS		PLANT @ 12" O.C. TRIANGULAR SPACING
LAWN			PER SPECIFICATIONS
ANNUAL COLOR	4" POTS	'D'	AS APPROVED BY PARK INSPECTOR

PLANTING LEGEND

PLANTING NOTES

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY J. MALONEY NO. 2110
Signature
Date
STATE OF CALIFORNIA

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L-2
OF 2