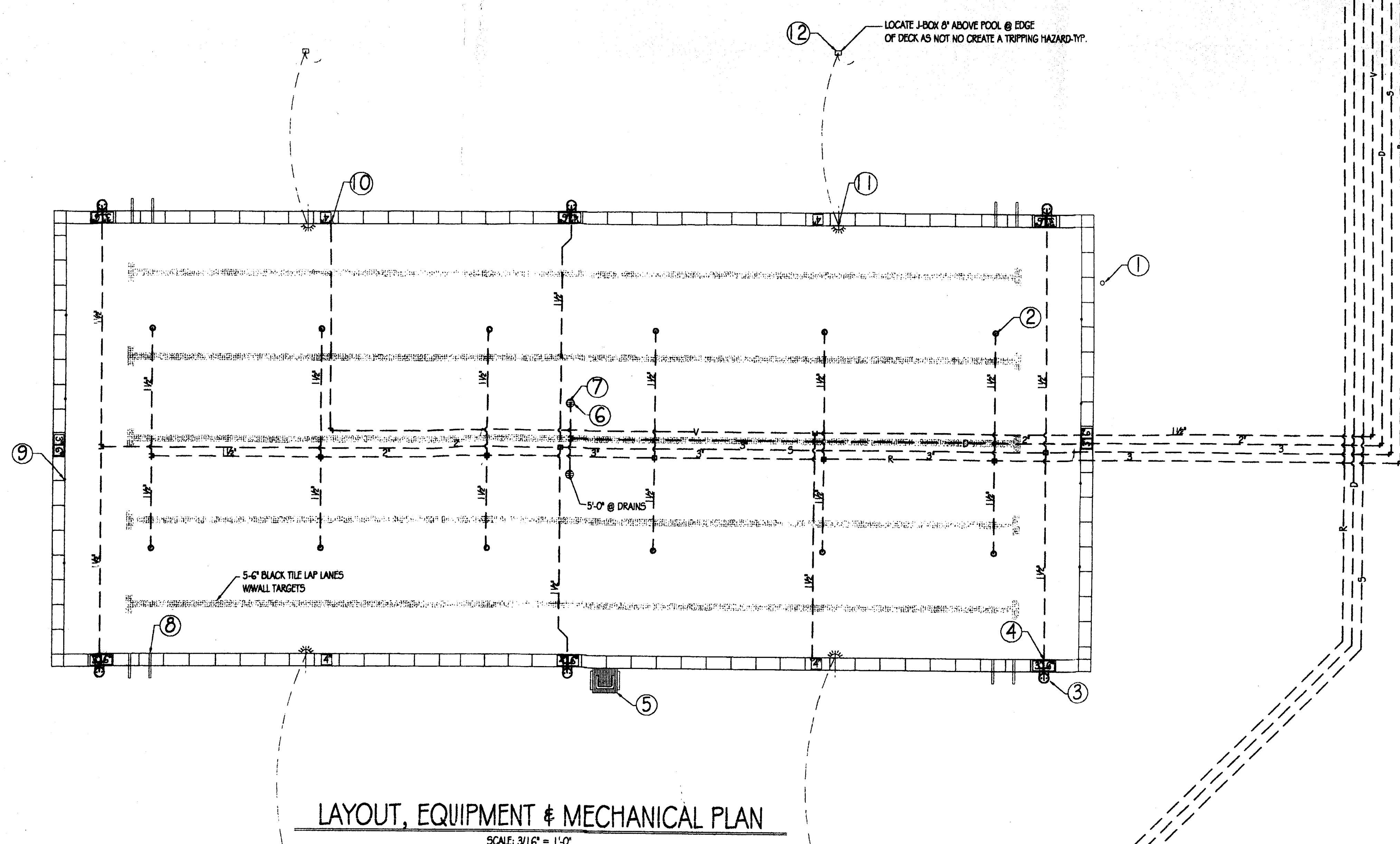


POOL DATA

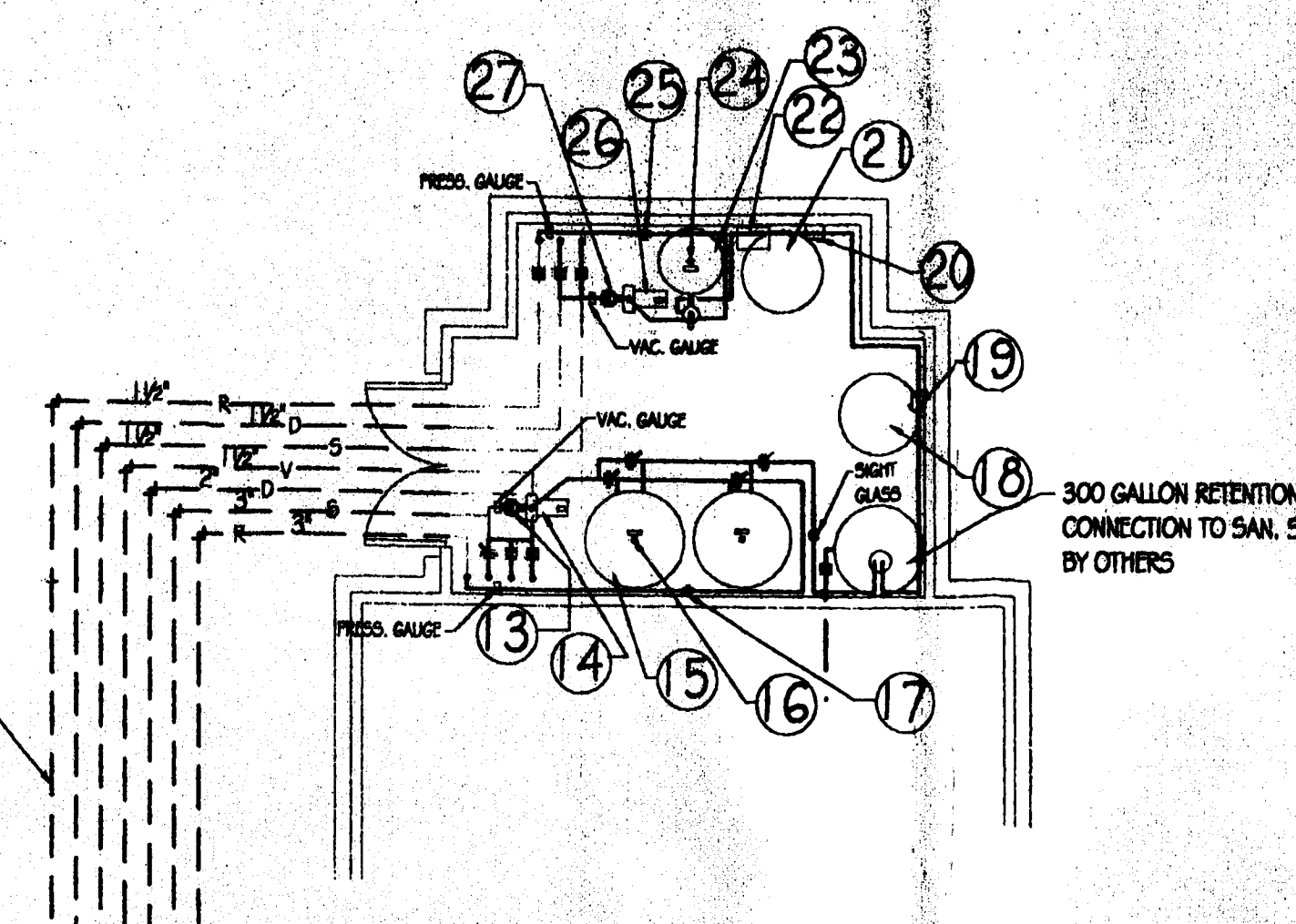
AREA	2,879 SQUARE FEET
PERIMETER	235 LINEAL FEET
CAPACITY	87,180 GALLONS
RATE OF FLOW	181 GPM
TURNOVER	8 HOUR
FILTER	2-36" HI-FLOW SAND

POOL DATA

AREA	100 SQUARE FEET
PERIMETER	35 LINEAL FEET
CAPACITY	846 GALLONS
RATE OF FLOW	28 GPM
TURNOVER	30 MINUTES
FILTER	1-24" HI-FLOW SAND



LAYOUT, EQUIPMENT & MECHANICAL PLAN
SCALE: 3/16" = 1'-0"



EQUIPMENT SCHEDULE

ITEM NO.	NO. QUANTITY	DESCRIPTION
1	1	ESP HANDICAP LIFE MOTOR
2	15	SP-1425 1/2" CYCLOC ADL. 1/2" FITTING-HAYWARD
3	7	BMG-26 CYCLOC BRIMMER-JACUZZI
4	7	SP-1444 EQUALIZER LINE FITTING
5	1	ELGS-204 4 LEG S.S. LIFEGUARD CHAIR-S.R. SMITH
6	4	SP-1134 8" DIA. MAIN DRAIN AV. HAYWARD
7	1	SP-1656 1/4" HYDROSTATIC RELIEF VALVE-HAYWARD
8	4	F4E-100 S.S. GRABRAILS-S.R. SMITH W/CYCLOC STEPS
9	8	SP-1040 3/4" CYCLOC CUP ANCHORS-HAYWARD
10	2	SP-1022 1/2" CYCLOC VACUUM FITTING-HAYWARD
11	4	PUREX 300W. 120V. UNDERWATER LIGHT-AMERLITE
12	4	JUNCTION BOX
13	1	PAC-FAB STRAINER W/EXTRA BASKET
14	1	PAC-FAB PUMP & MOTOR "CHALLENGER" 3 HP. 230V 3 PHASE
15	2	TR-140C 36" HI-FLOW SAND FILTER-PUREX
16	2	PUREX PRESSURE GAUGE W/MANUAL AIR BLEED
17	1	B/W 3" FLOWMETER "CF-3050" (80-300GPM)
18	1	PT 55 GALLON PLASTIC RESERVOIR
19	1	#90 CHEMICAL FEEDER-MISC-O-MATIC "DOLPHIN"
20	1	#10 CHEMICAL FEEDER-MISC-O-MATIC "DOLPHIN" (SPA)
21	1	IFT 55 GALLON PLASTIC RESERVOIR
22	1	ZO-910 OZONIS GENERATOR-DELL
23	1	TR-60 24" HI-FLOW SAND FILTER-PUREX
24	1	PUREX PRESSURE GAUGE W/MANUAL AIR BLEED
25	1	B/W 1/4" FLOWMETER "CF-3015" (20-100GPM)
26	1	PAC-FAB PUMP & MOTOR "CHALLENGER" 3/4 HP. 230V 1 PHASE
27	1	PAC-FAB STRAINER W/EXTRA BASKET
28		
29		
30		

EQUIPMENT NOT SHOWN

A	1	10" VACUUM CLEANER SET W/50 HOSE
B	1	18" WALL BRUSH
C	1	LEAF SKIMMER
D	3	16" TELESCOPIC HANDLE
E	1	LIFE HOOK W/6 HANDLE
F	1	RESCUE TUBE
G	1	2005 COMMERCIAL TEST KIT-TAYLOR
H		

GENERAL NOTES

- ALL RECIRCULATING PIPING TO BE SCHEDULE 40 P.V.C AS PER CODE.
- ALL ELECTRICAL WIRING, BONDING AND GROUNDING TO BE IN ACCORDANCE W/N.E.C. ARTICLE 680 BY OTHERS.
- FRESH WATER LINE TO BE COPPER WITH CONNECTION TO MAIN DRAIN LINE AHEAD OF PUMP W/CHECK VALVE AND BACKFLOW PREVENTER AS PER CODE - BY OTHERS
- DECK INCLUDING 1/2" EXPANSION JOINT AT JUNCTION OF COPING AND SEALANT BY OTHERS
- POOL DATA PLACARD AND COLOR CODED VALVE LEGEND TO BE PLACED IN FILTER ROOM. (POOL DATA CHART TO BE PLASTIC ENGRAVED)
- DEPTH MARKERS TO MIN. 5" IN HEIGHT AND LOCATED IN VERTICAL AND HORIZONTAL POOL WALLS.
- SWIMMING POOL FILLED BY OTHERS.
- BACKWASH TO 300 GAL. RETENTION TANK W/2" CONNECTION TO SAN. SEWER BY OTHERS.
- EXISTING SOIL BEARING VALUE TO BE MIN. 2000 psi OR 95% COMPACTION BY OTHERS
- DIRT FROM POOL EXCAVATION TO BE STOCK-PILED WITHIN 100' OF POOL OR LOADED ON TRUCKS FURNISHED BY OTHERS
- CHEMICAL LINES TO BE ENCASED IN CONDUIT.

This set of plans has been examined and is warranted for construction purposes. *with the exception of the work indicated on the notes and schedule.*

1. All work to be done in accordance with the notes and schedule.

2. All work to be done in accordance with the notes and schedule.

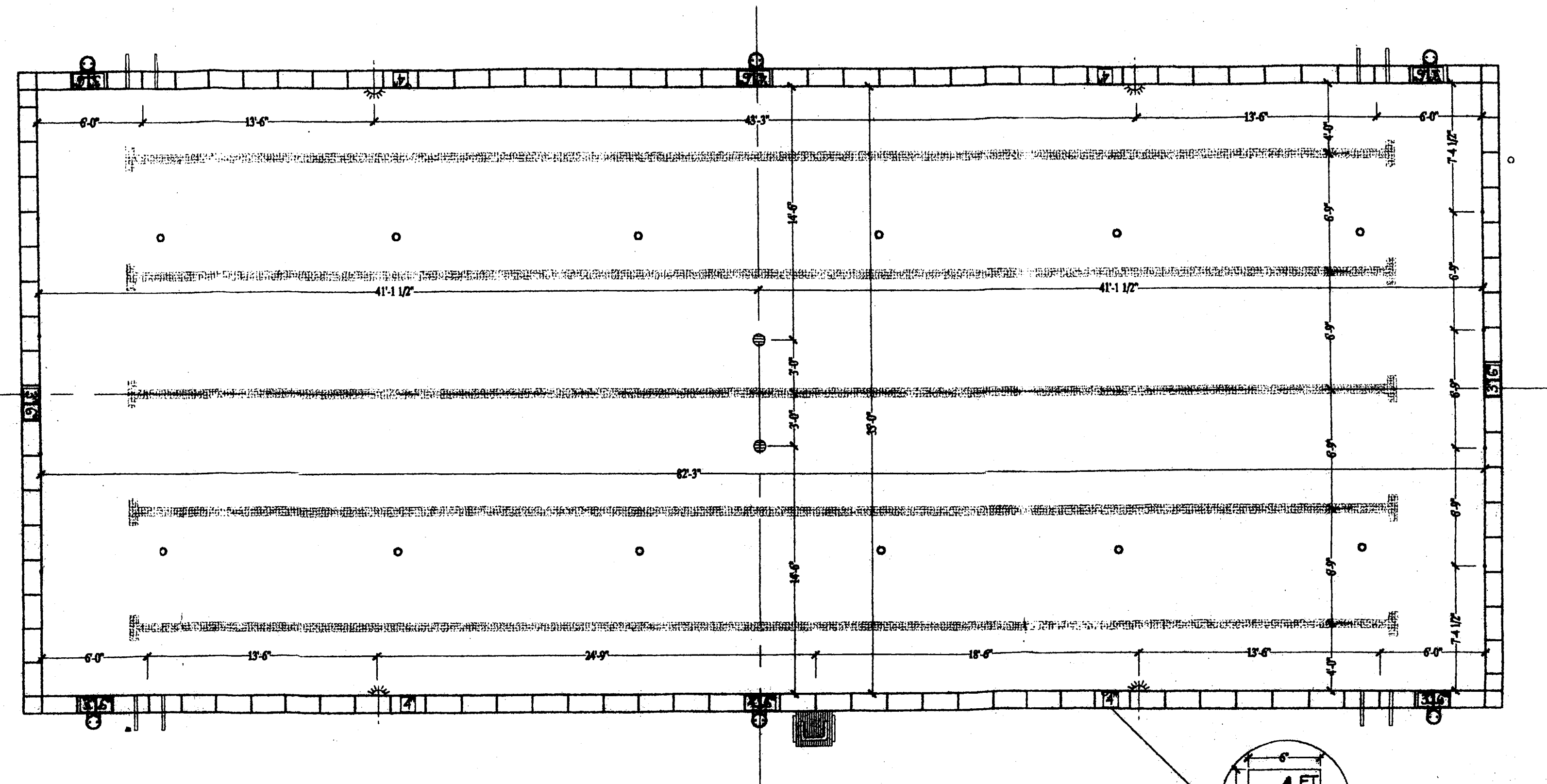
3. All work to be done in accordance with the notes and schedule.

Permit No. 1563
By: *CCK*

STATE OF MARYLAND
PROFESSIONAL ENGINEER

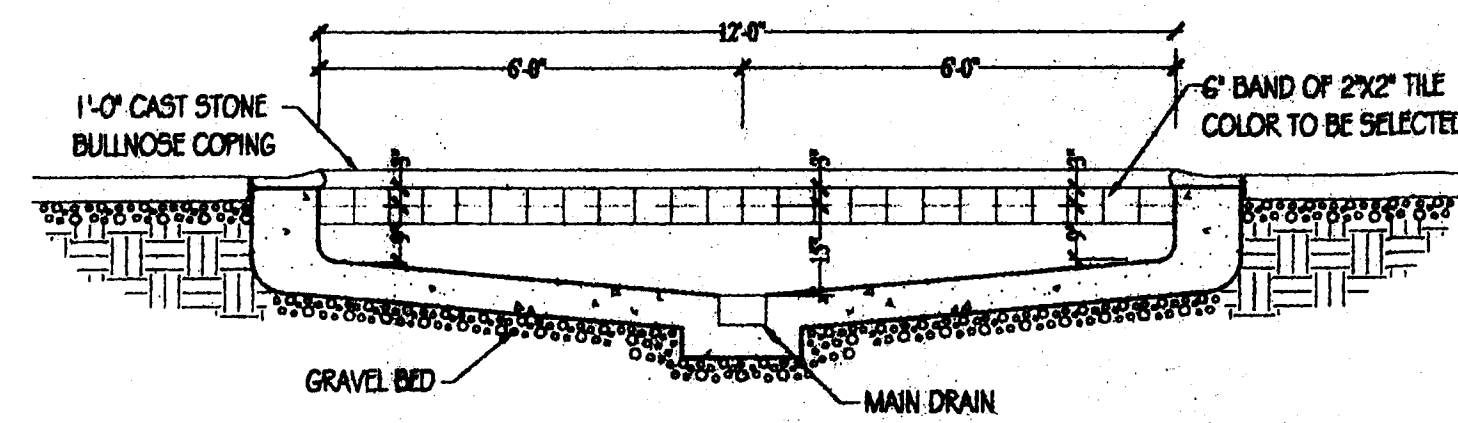
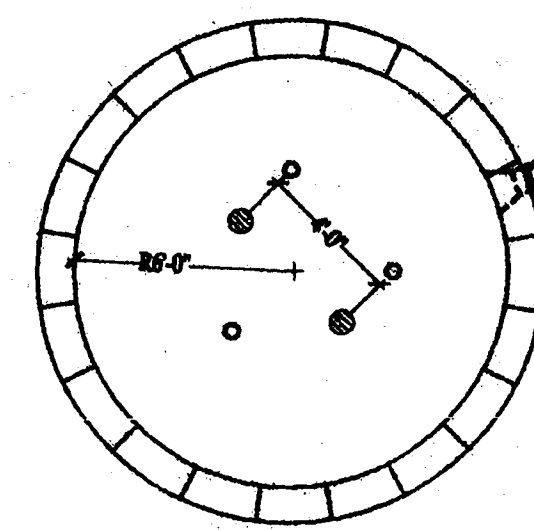
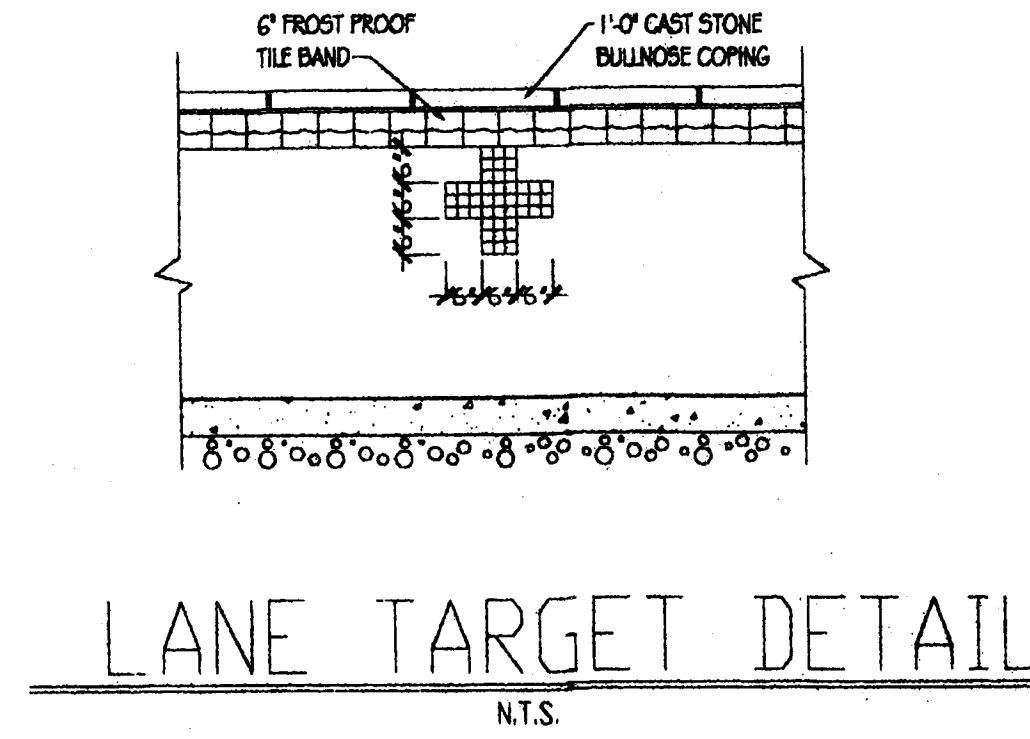
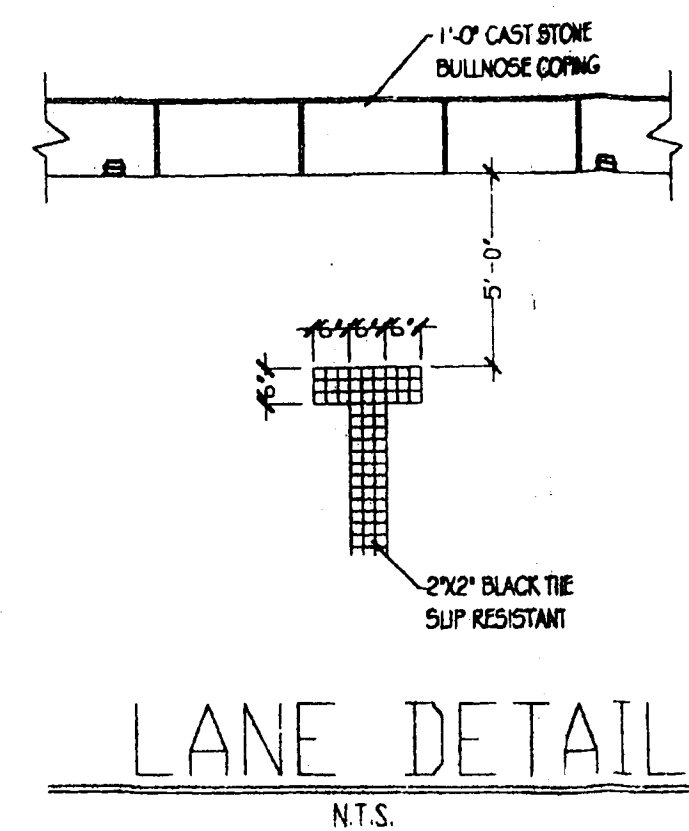
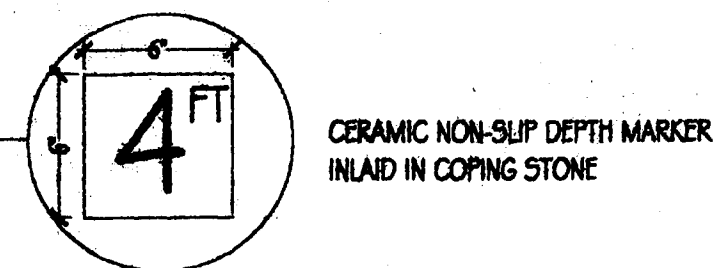
REVISIONS	EQUIP. & MECH. PLAN	JOB NO.
	CHAPEL GROVE	68
	ANNE ARUNDEL COUNTY	
	OLYMPIC	DWG. NO.
	SWIMMING POOL COMPANY	1
	4040 PENN-BELT PLACE SUITE 100	OF
	FORESTVILLE, MARYLAND, 20747	4
	PHONE 301 420-2020 FAX 301 420-6322	
DRAWN BY: PDS	DATE: 7/17/2002	

OFFICE B02182669



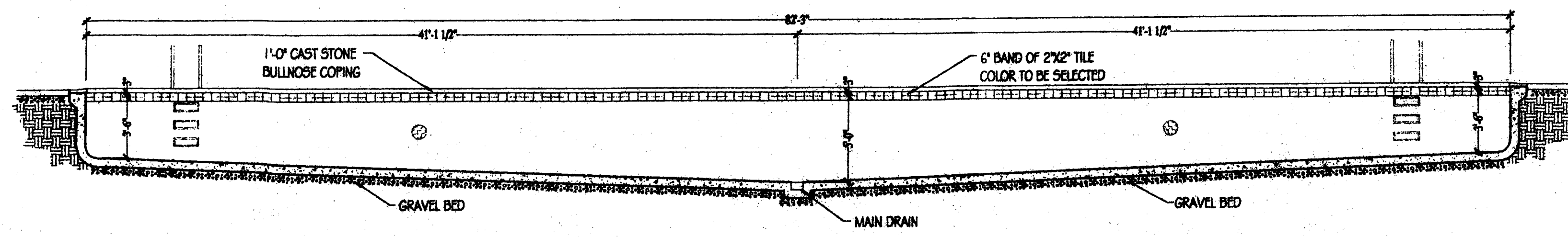
LAYOUT PLAN

SCALE: 3/16" = 1'-0"



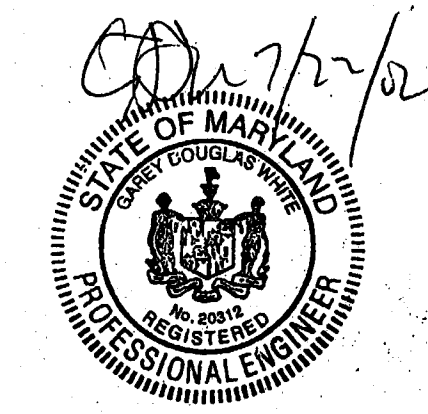
SECTION THRU WADING POOL

SCALE: 3/8" = 1'-0"

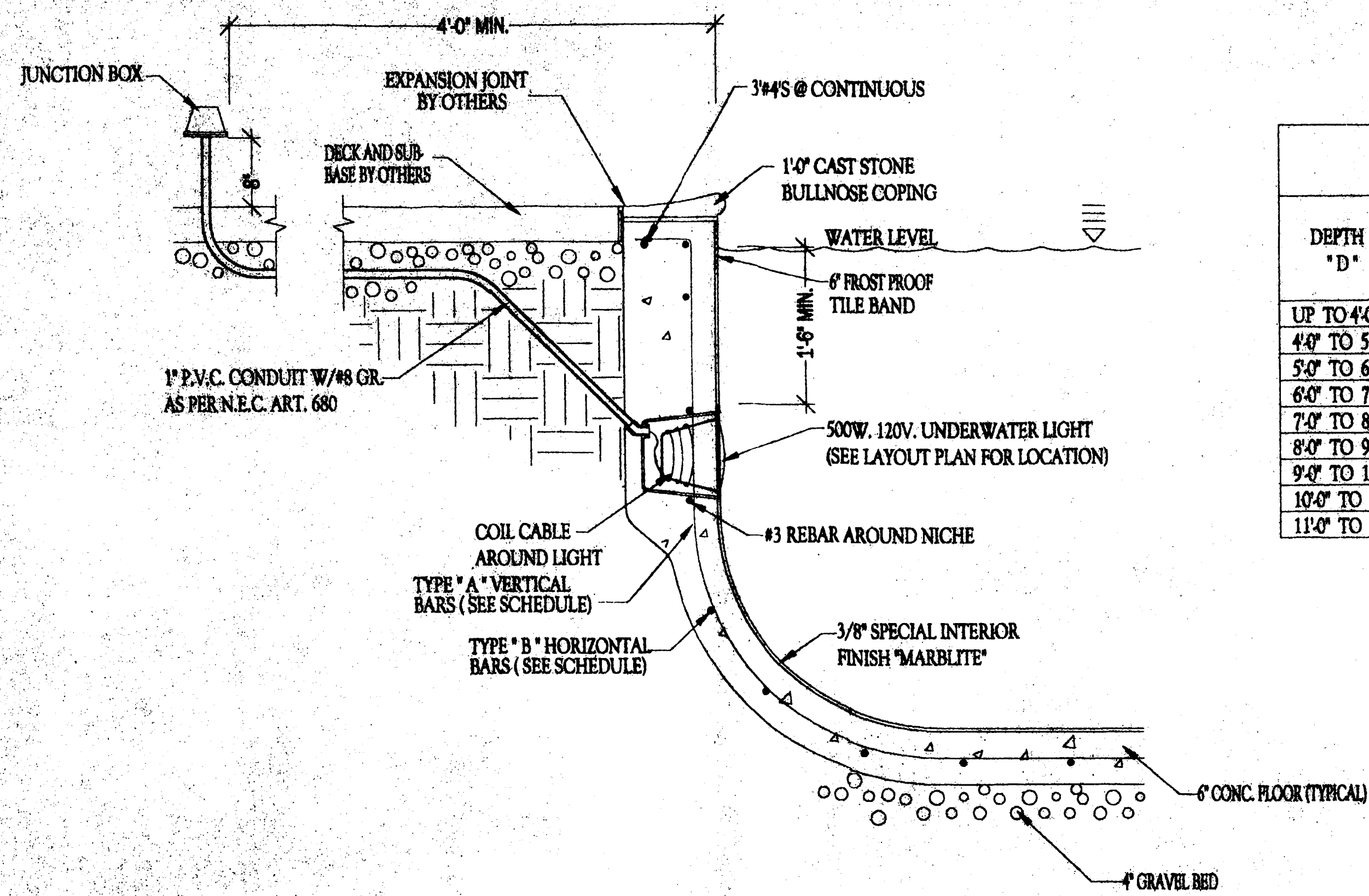


SECTION THRU POOL

SCALE: 3/16" = 1'-0"



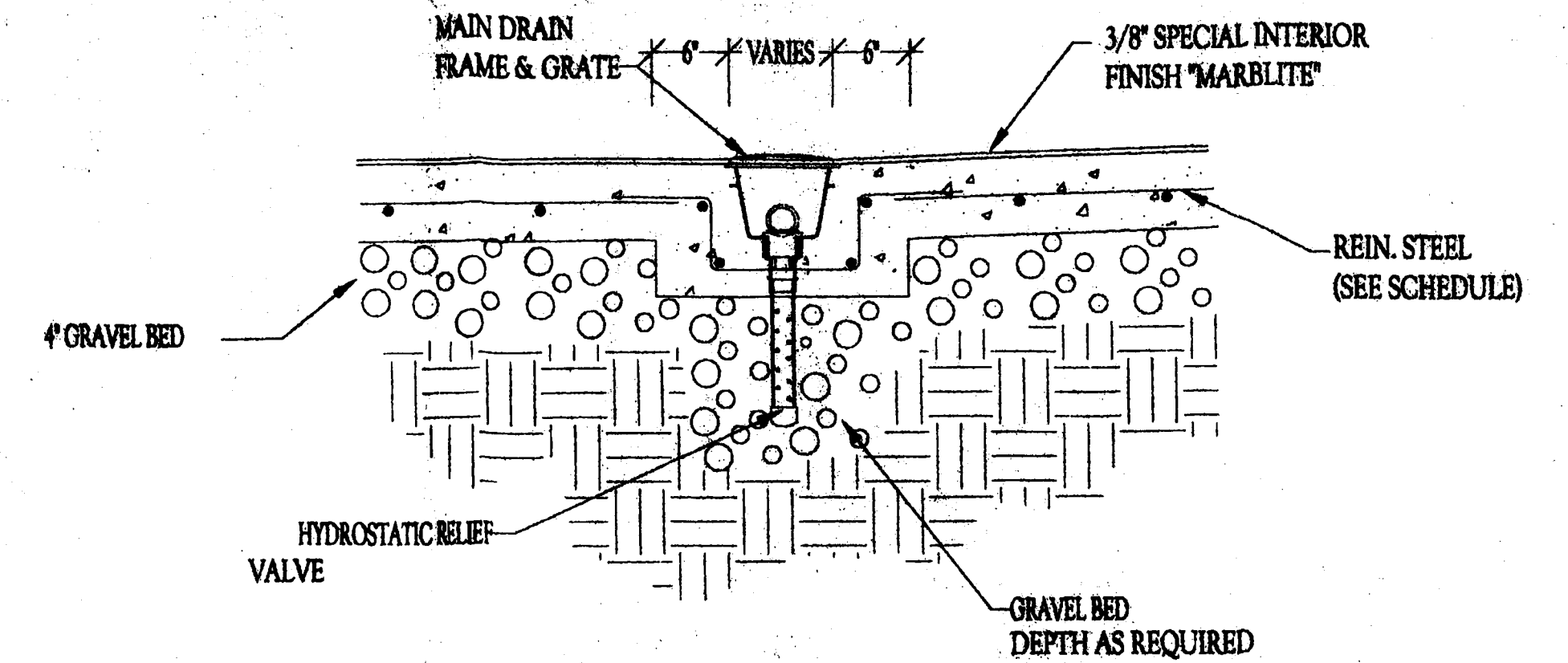
REVISIONS	LAYOUT PLAN	JOB NO.
	CHAPEL GROVE	681
	ANNE ARUNDEL COUNTY, MD	
		DWG NO.
	OLYMPIC SWIMMING POOL COMPANY 4040 PENN-BET PLACE SUITE 100 FORESTVILLE, MARYLAND 20747 PHONE 301 420-2020 FAX 301 420-6322	2
	DRAWN BY: RDS	OF 4
	DATE: 7/17/02	



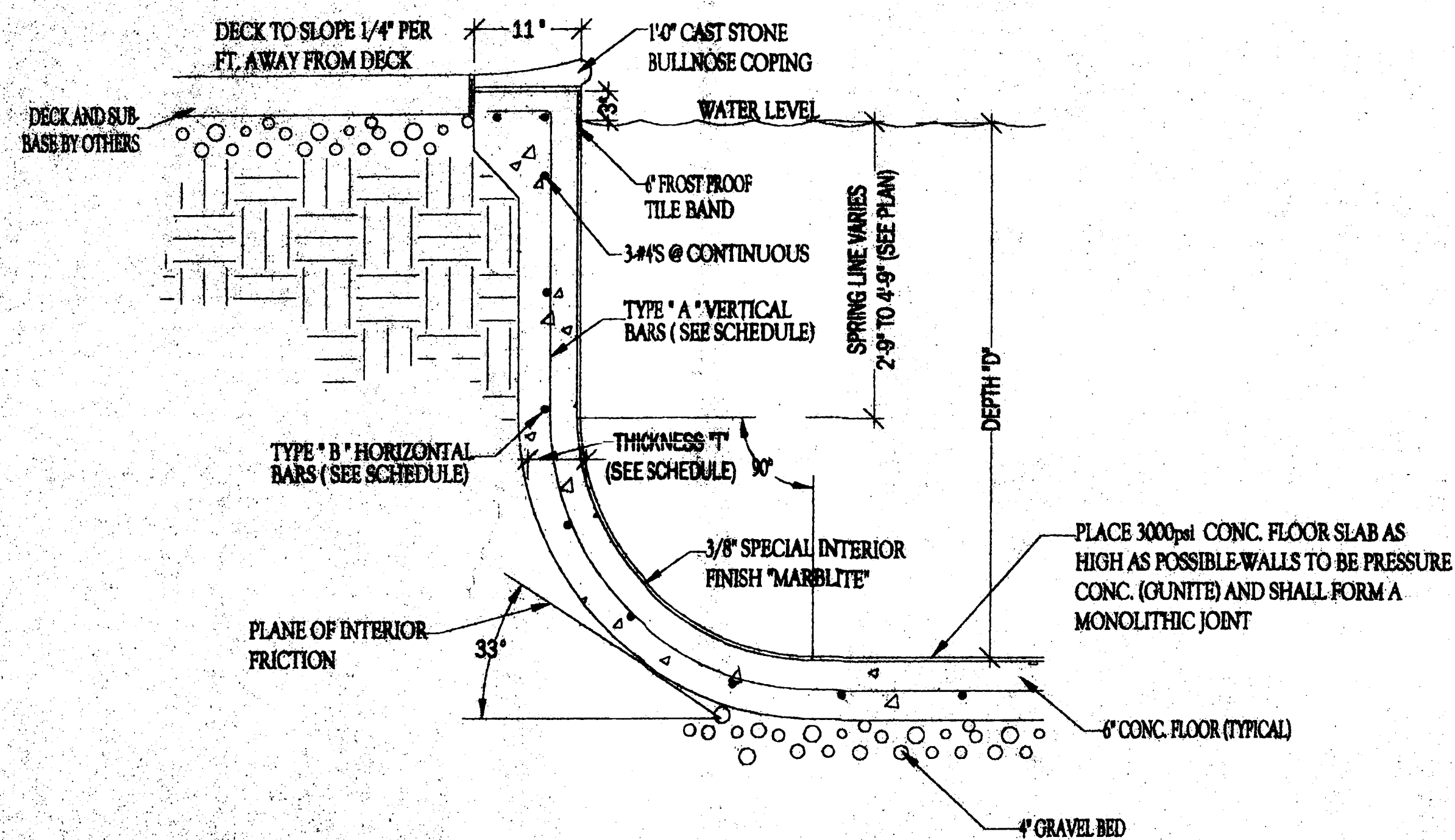
TYPICAL SECTION LIGHT
SCALE: 1" = 1'-0"

DEPTH "D"	CONCRETE THICKNESS "T"	REQ'D AREA VERT. STEEL SQ. FT.	REQ'D AREA HOR. STEEL SQ. FT.	WALLS				FLOOR
				VERTICAL BARS "A"		HORIZONTAL BARS "B"		FLOOR SLAB BARS
				SIZE	SPACING	SIZE	SPACING	
UP TO 4'-0"	5 1/2"	.108	.090	#3	12"	#3	12"	#3 @ 12" O.C. - B.W.
4'-0" TO 5'-0"	6"	.123	.110	#3	12"	#3	12"	#3 @ 12" O.C. - B.W.
5'-0" TO 6'-0"	6"	.153	.146	#3	10"	#3	10 1/2"	#3 @ 12" O.C. - B.W.
6'-0" TO 7'-0"	6"	.180	.166	#3	8 1/2"	#3	10"	#3 @ 12" O.C. - B.W.
7'-0" TO 8'-0"	6"	.210	.180	#4	12"	#3	8 1/2"	#3 @ 12" O.C. - B.W.
8'-0" TO 9'-0"	6 1/2"	.223	.195	#4	10"	#3	8"	#3 @ 12" O.C. - B.W.
9'-0" TO 10'-0"	7"	.348	.210	#4	8 1/2"	#4	12"	#3 @ 12" O.C. - B.W.
10'-0" TO 11'-0"	7 1/2"	.370	.225	#4	8"	#4	10 1/2"	#3 @ 12" O.C. - B.W.
11'-0" TO 12'-0"	8"	.427	.240	#4	6"	#4	10"	#3 @ 12" O.C. - B.W.

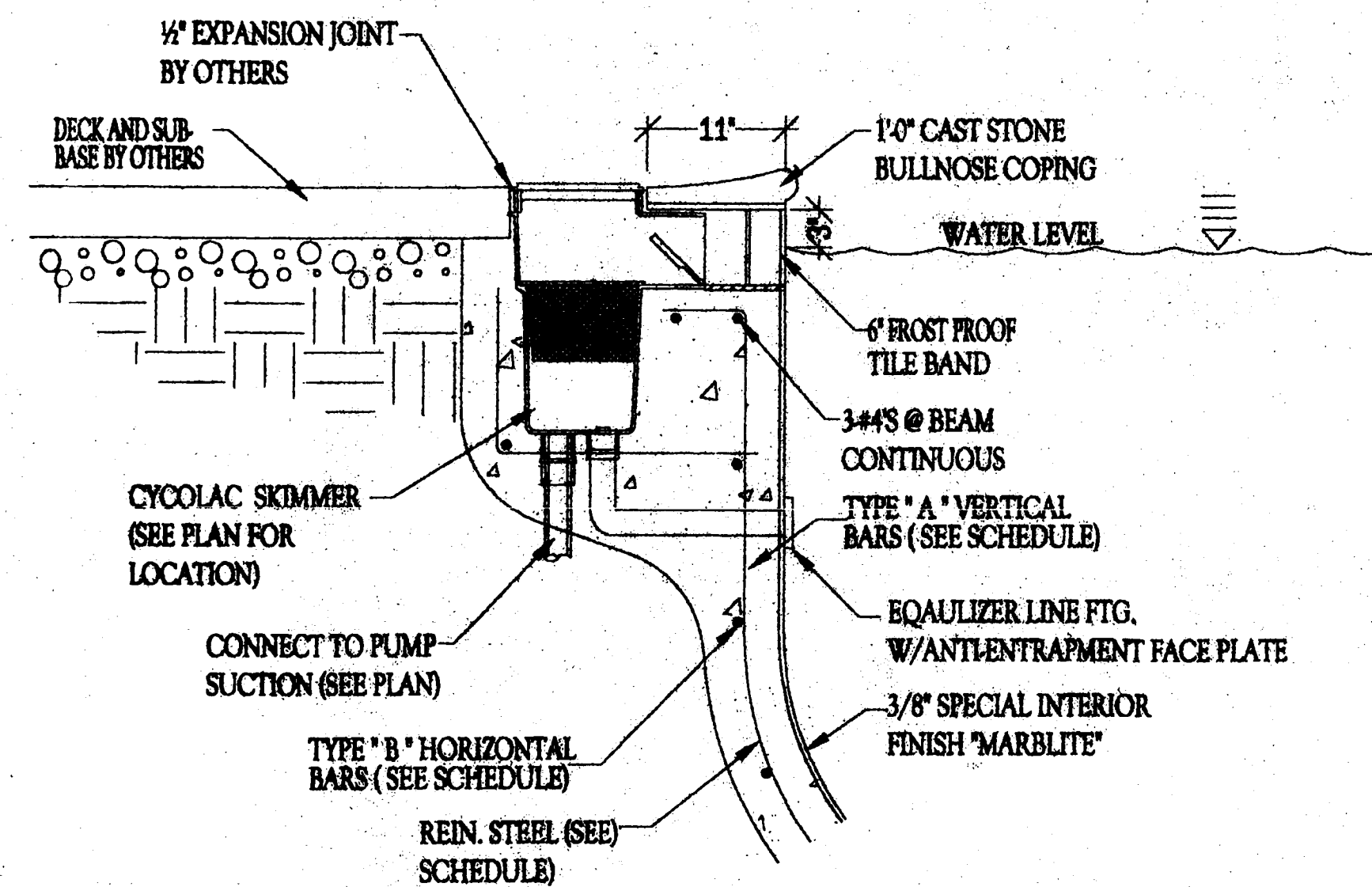
* NOTE: LAP ALL BARS 40 BAR DIA. MINIMUM



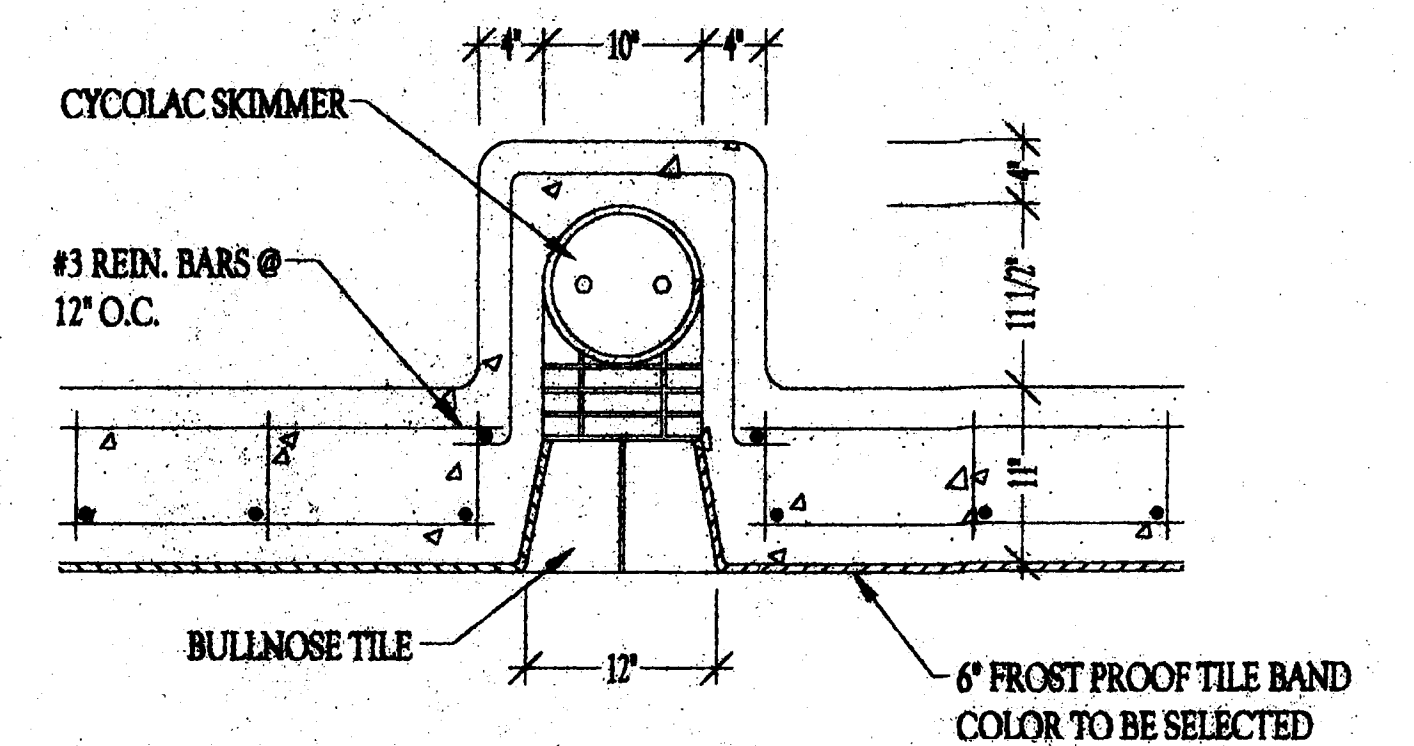
SECTION THRU MAIN DRAIN
SCALE: 1" = 1'-0"



TYPICAL SECTION POOL WALL
SCALE: 1" = 1'-0"



VERT. SECTION SKIMMER
SCALE: 1" = 1'-0"

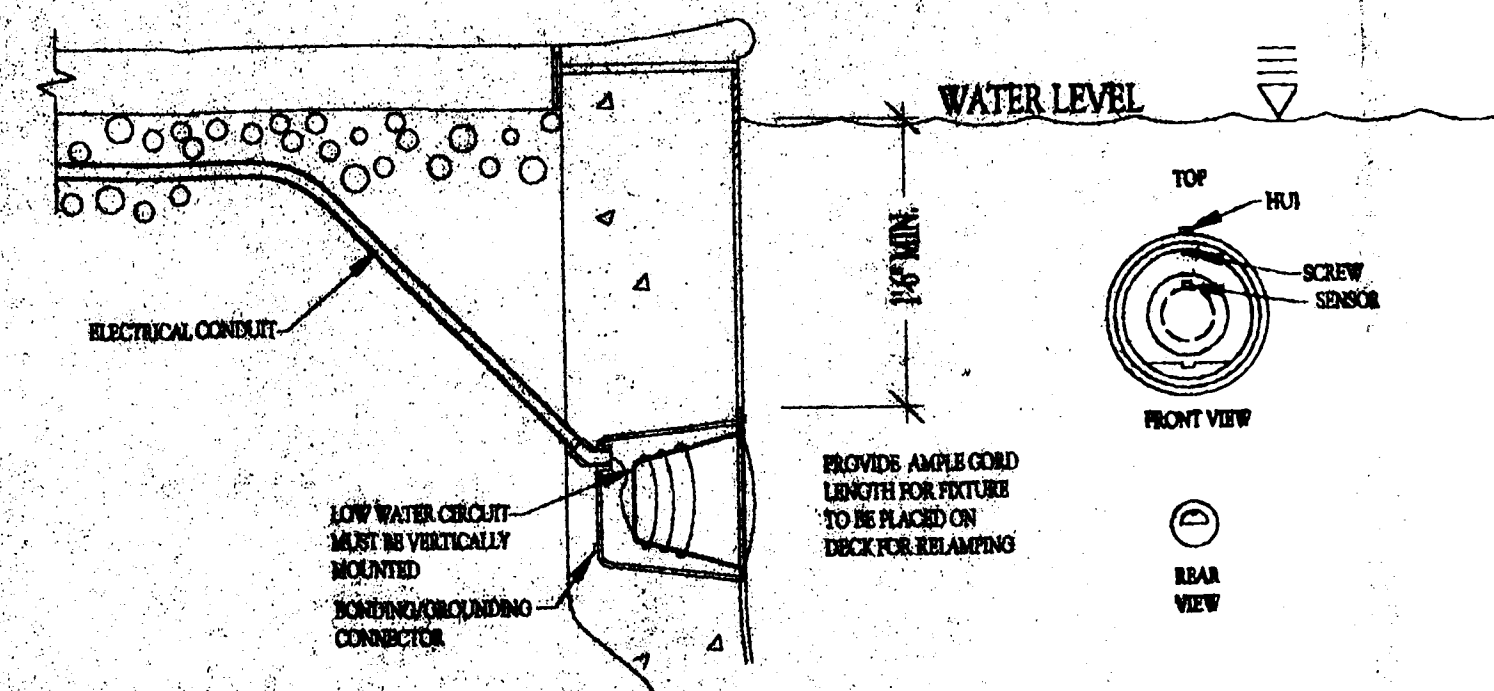


HORIZ. SECTION SKIMMER
SCALE: 1" = 1'-0"



REVISIONS	STRUCTURAL DETAIL	JOB NO.
	CHAPEL GROVE	681
	ANNE ARUNDEL COUNTY, MD	DWG. NO.
	Pride of Craftsmanship in the Olympic Tradition	3
	OLYMPIC SWIMMING POOL COMPANY	OF 4
	4040 PENBELT PLACE SUITE 100	
	FORESTVILLE, MARYLAND	
	PHONE 301 420-2020 FAX 301 420-6322	
	DRAWN BY: J.M.J.	

THE PACE RING MOUNTING CONDUIT SHALL BE INSTALLED AT THE TOP OF THE LIGHT HOUSING. THE LOW WATER CIRCUIT SHALL BE VERTICALLY MOUNTED TO THE DECK FOR RELAMPING. UNDERWATER LIGHT FIXTURES AND FIXTURE HOUSING (FORMING SHELL) ARE TO BE INSTALLED BY A QUALIFIED ELECTRICIAN IN COMPLIANCE WITH THE CURRENT NATIONAL ELECTRIC CODE, AND ALL LOCAL BUILDING CODES.

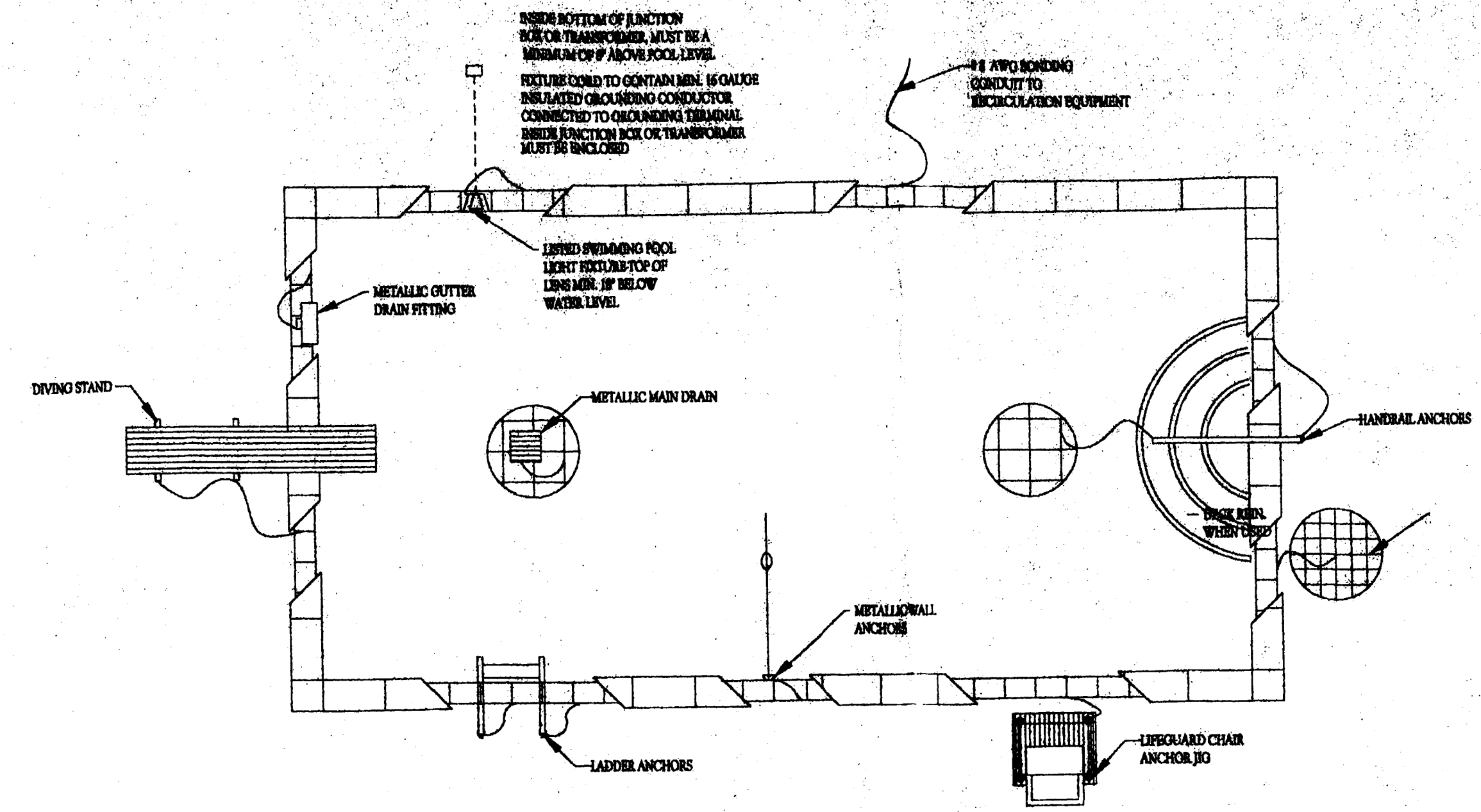


UNDERWATER LIGHT FIXTURES AND FIXTURE HOUSING (FORMING SHELL) ARE TO BE INSTALLED BY A QUALIFIED ELECTRICIAN IN COMPLIANCE WITH THE CURRENT NATIONAL ELECTRIC CODE, AND ALL LOCAL BUILDING CODES.

A GROUND FAULT INTERRUPTER (GFI) IS TO BE INSTALLED IN THE LIGHT FIXTURE CIRCUIT.

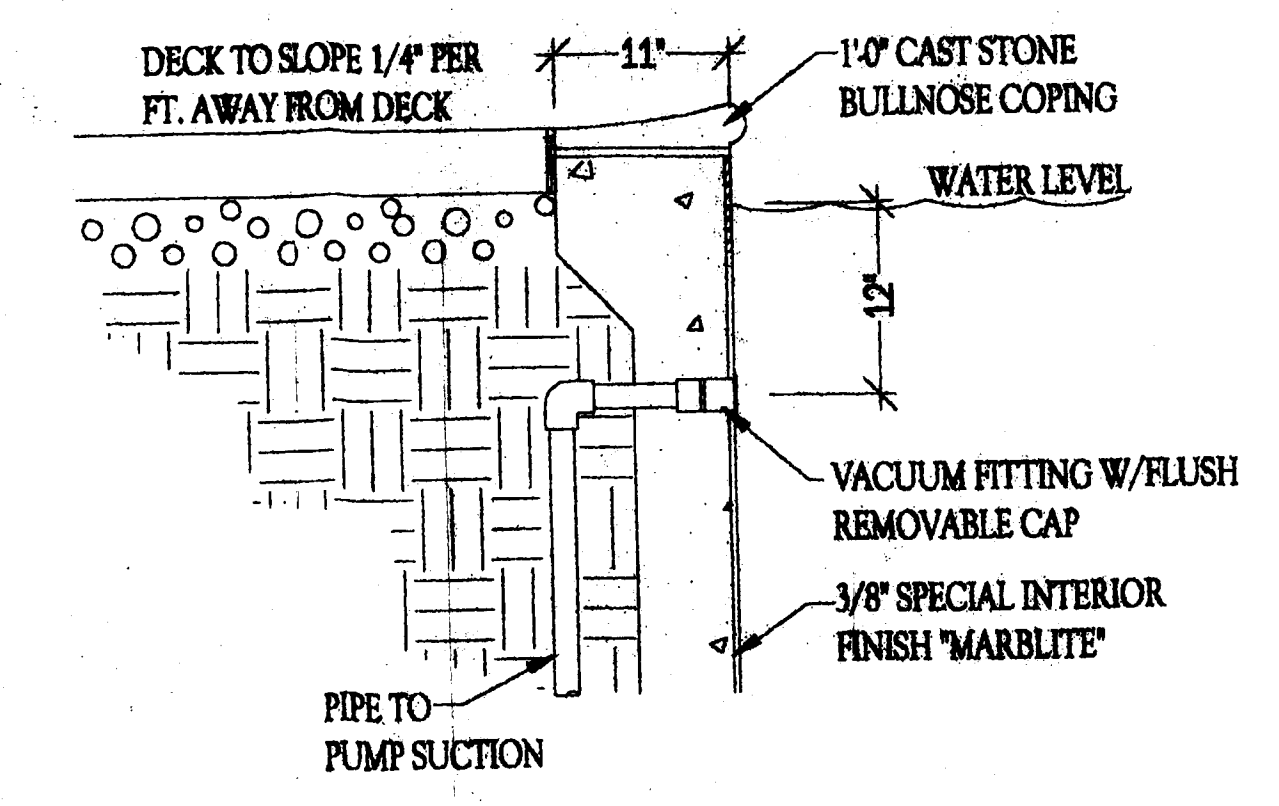
* LIGHT MUST BE SUBMERSED IN WATER BEFORE ILLUMINATING *

THRU
TYPICAL SECTION LIGHT
SCALE: 1" = 1'-0"

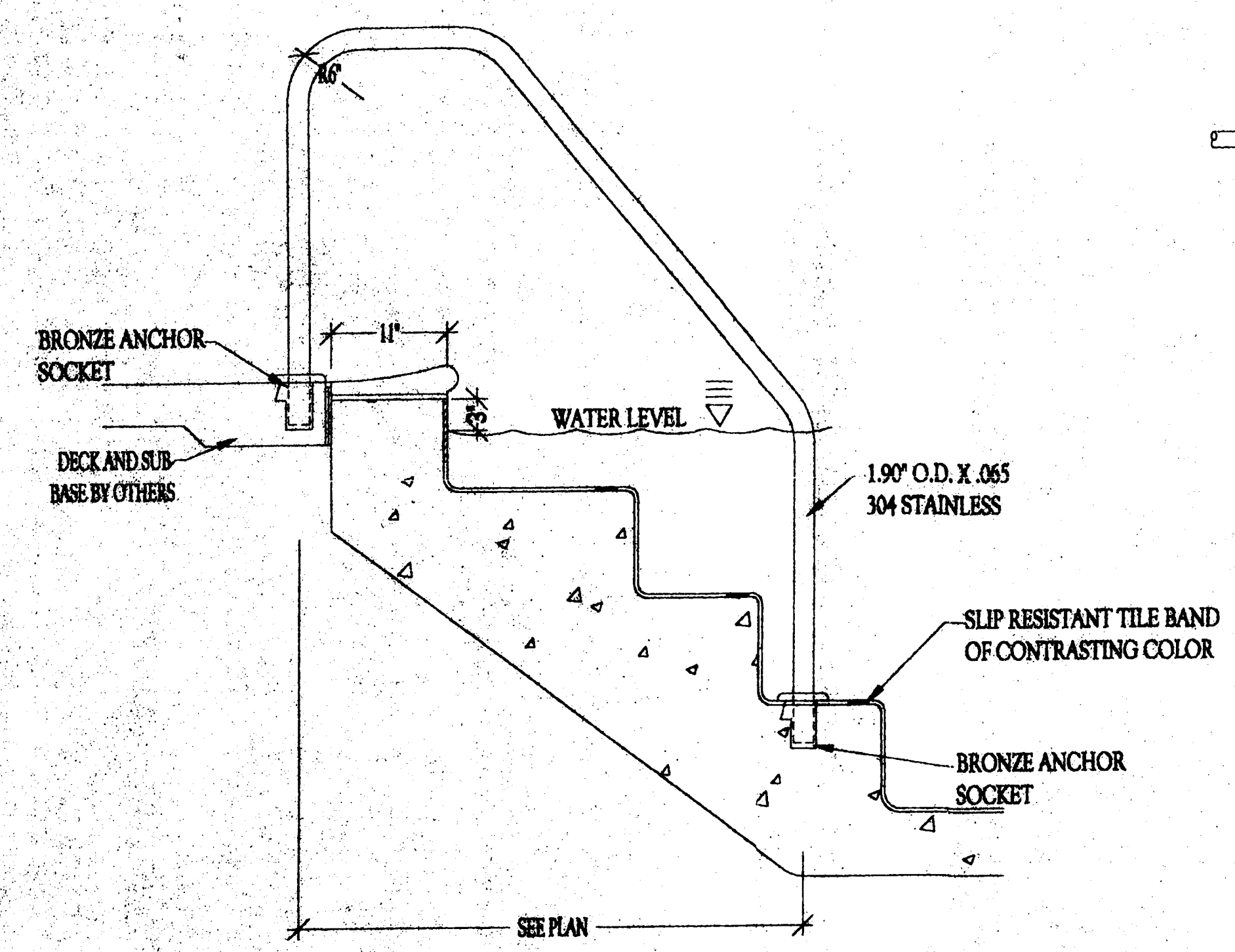


NOTE: PERMIT & INSPECTIONS REQUIRED BY OTHERS

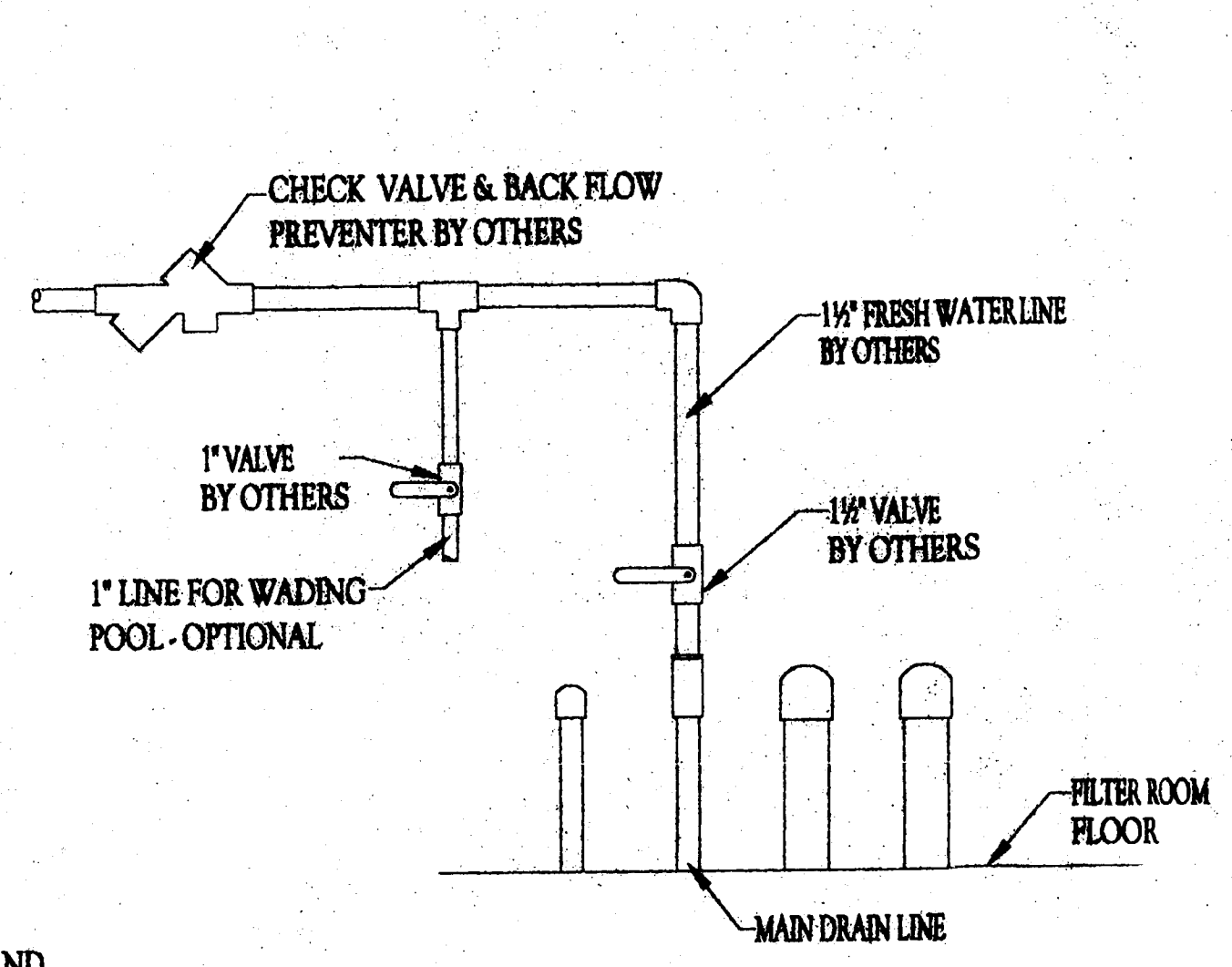
TYPICAL SWIMMING POOL ELECTRICAL BONDING & GROUNDING
N.T.S.



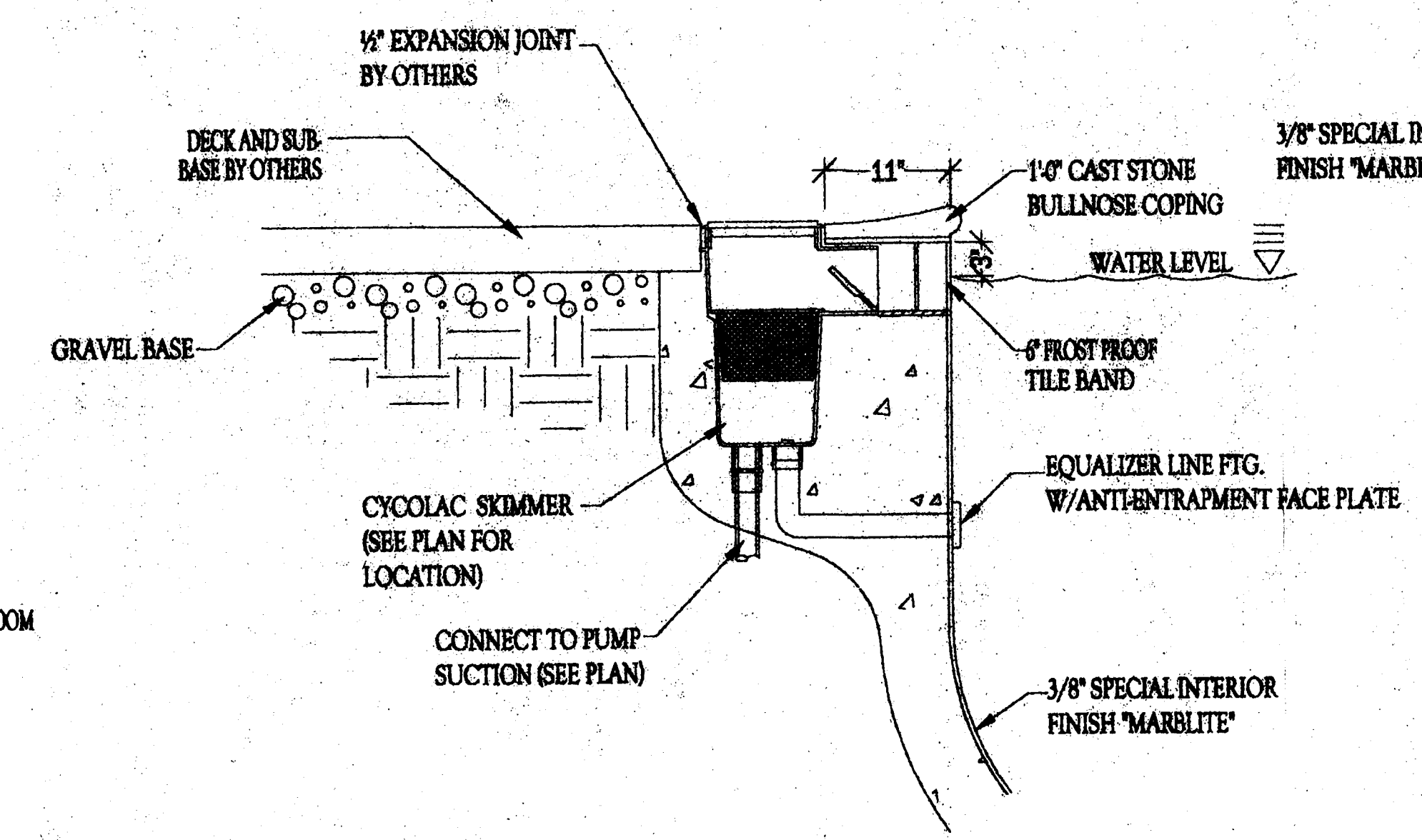
VACUUM FITTING DETAIL
SCALE: 1" = 1'-0"



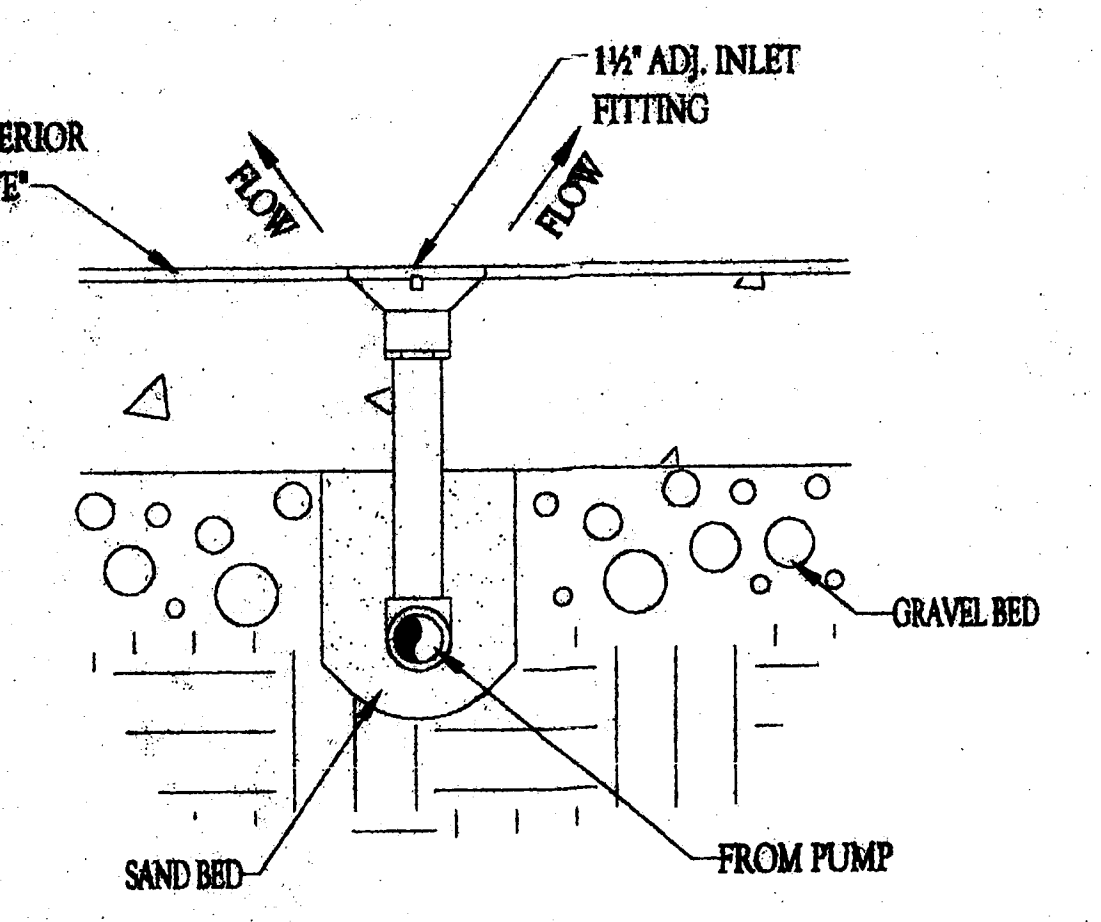
HANDRAIL DETAIL
SCALE: 1" = 1'-0"



TYPICAL FRESH WATER CONNECTION TO POOL MAIN DRAIN
SCALE: 1" = 1'-0"



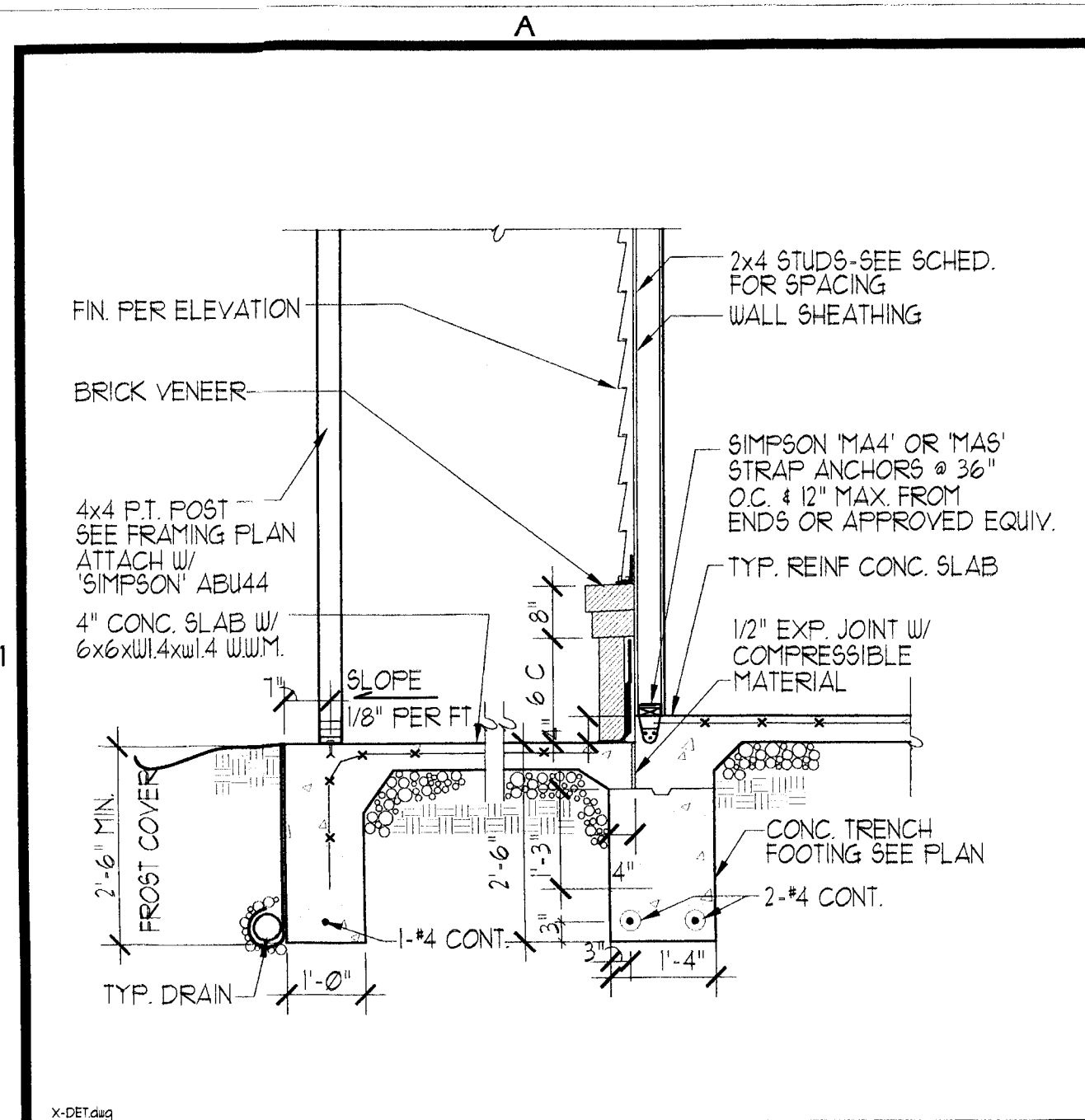
SKIMMER DETAIL
SCALE: 1" = 1'-0"



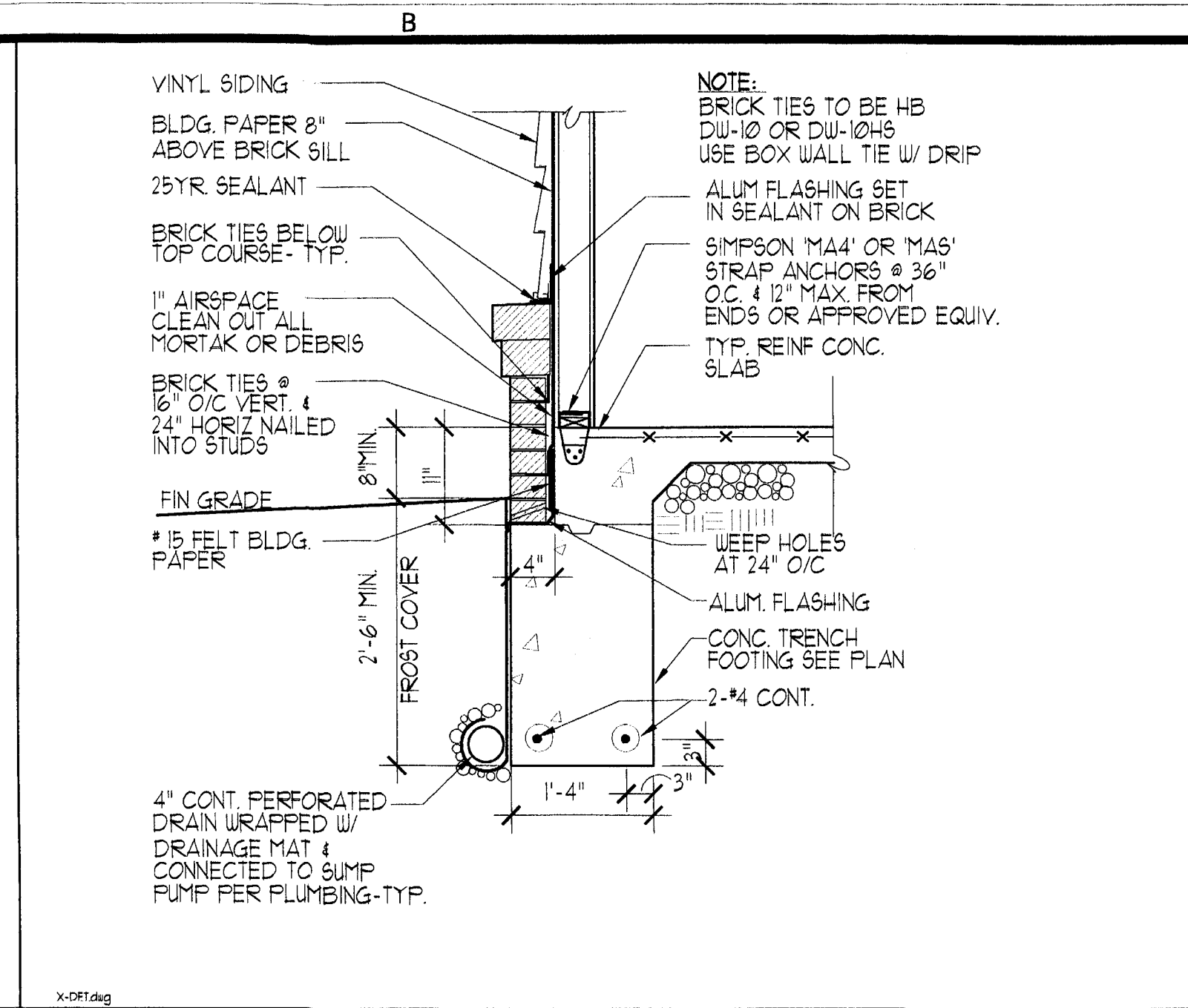
INLET FITTING DETAIL
N.T.S.



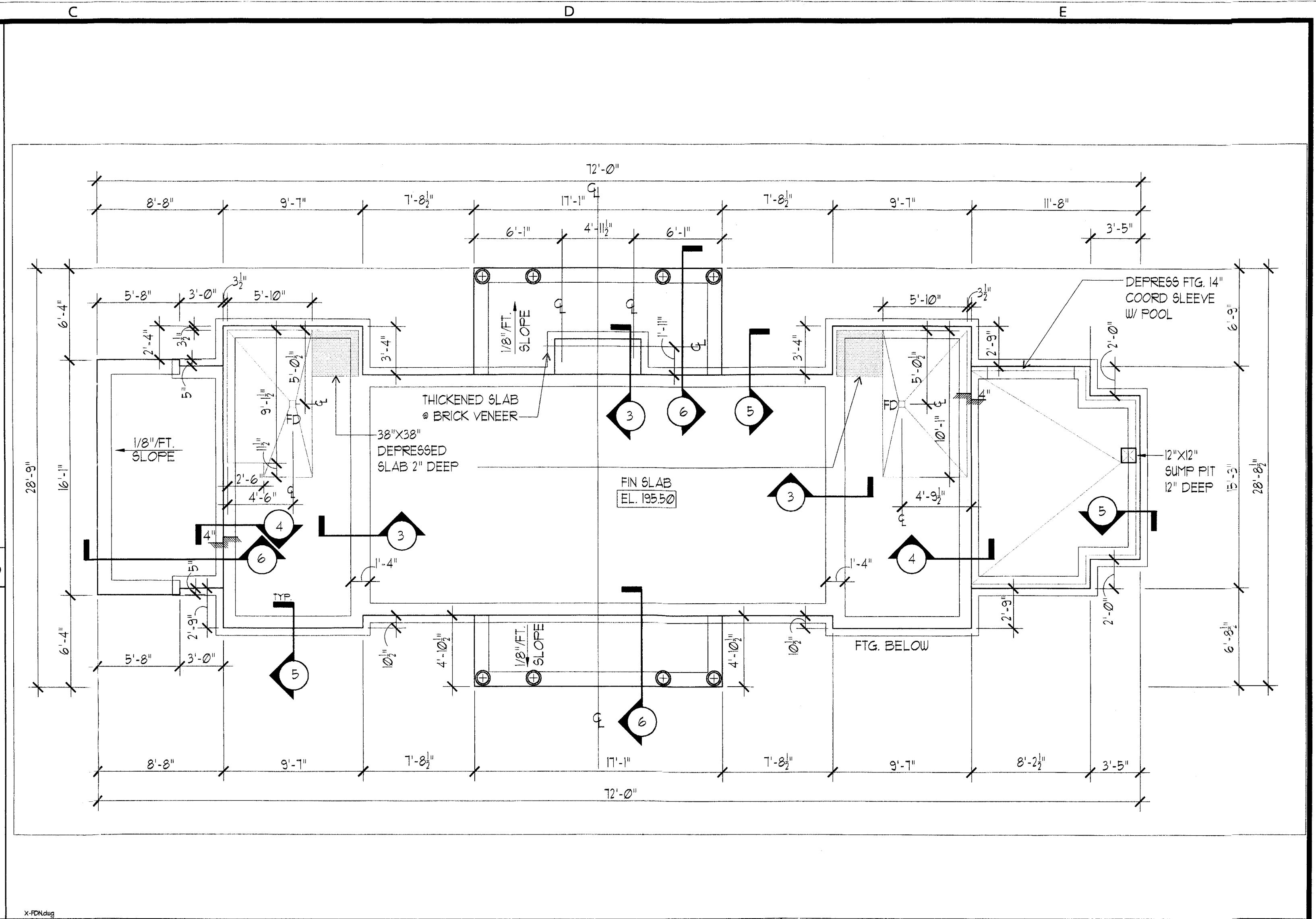
	REVISIONS:	DETAIL PLAN CHapel GROVE ANNE ARUNDEL COUNTY, MD <small>Pride of Craftsmanship by the Olympic Tradition</small> SWIMMING POOL COMPANY 4040 PENN-BELT PLACE SUITE 100 FORESTVILLE, MARYLAND PHONE 301 420-2020 FAX 301 420-6322 E-MAIL: info@olympicpool.com	JOB NO. 681 DWG NO. 4 OF 4
	DRAWN BY: AMW		



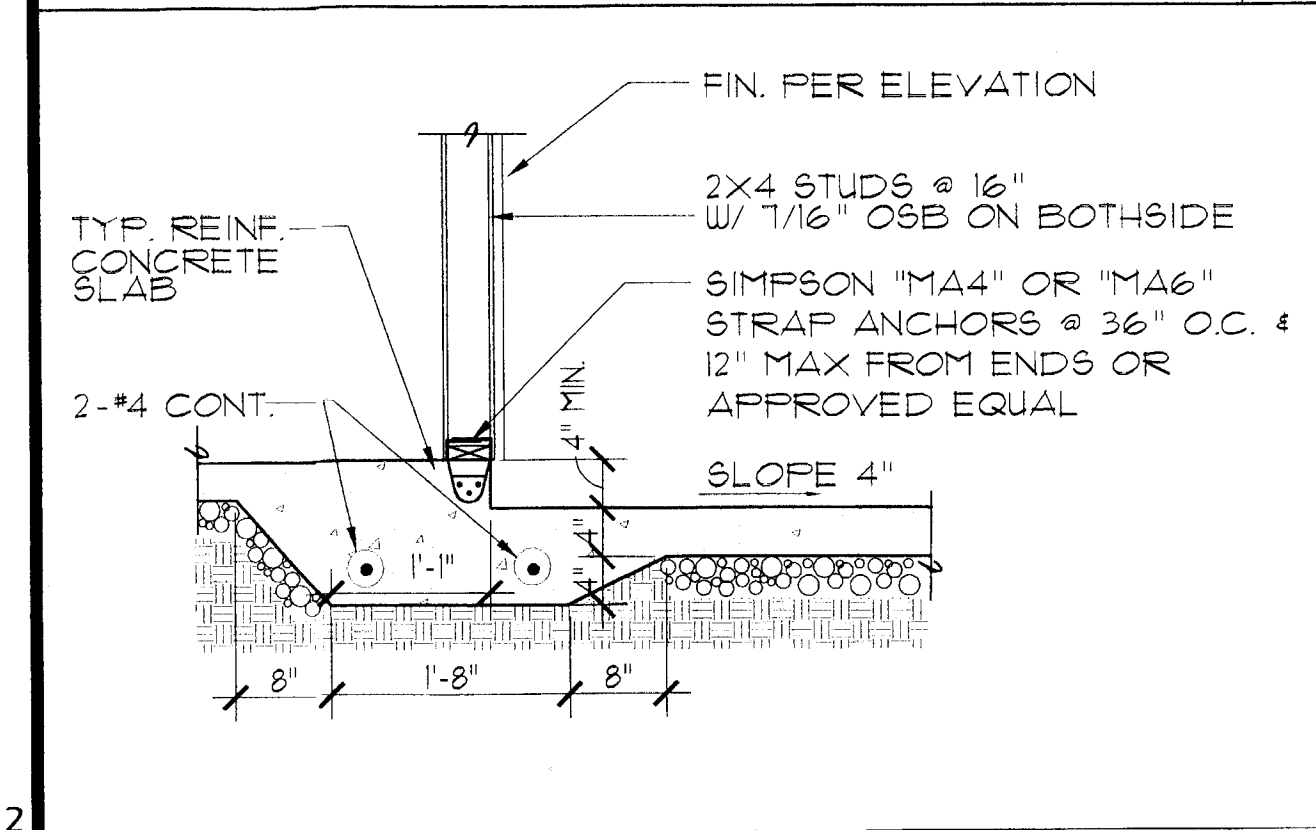
DET. @ TYP. COL. 1/2" = 1'-0" 6



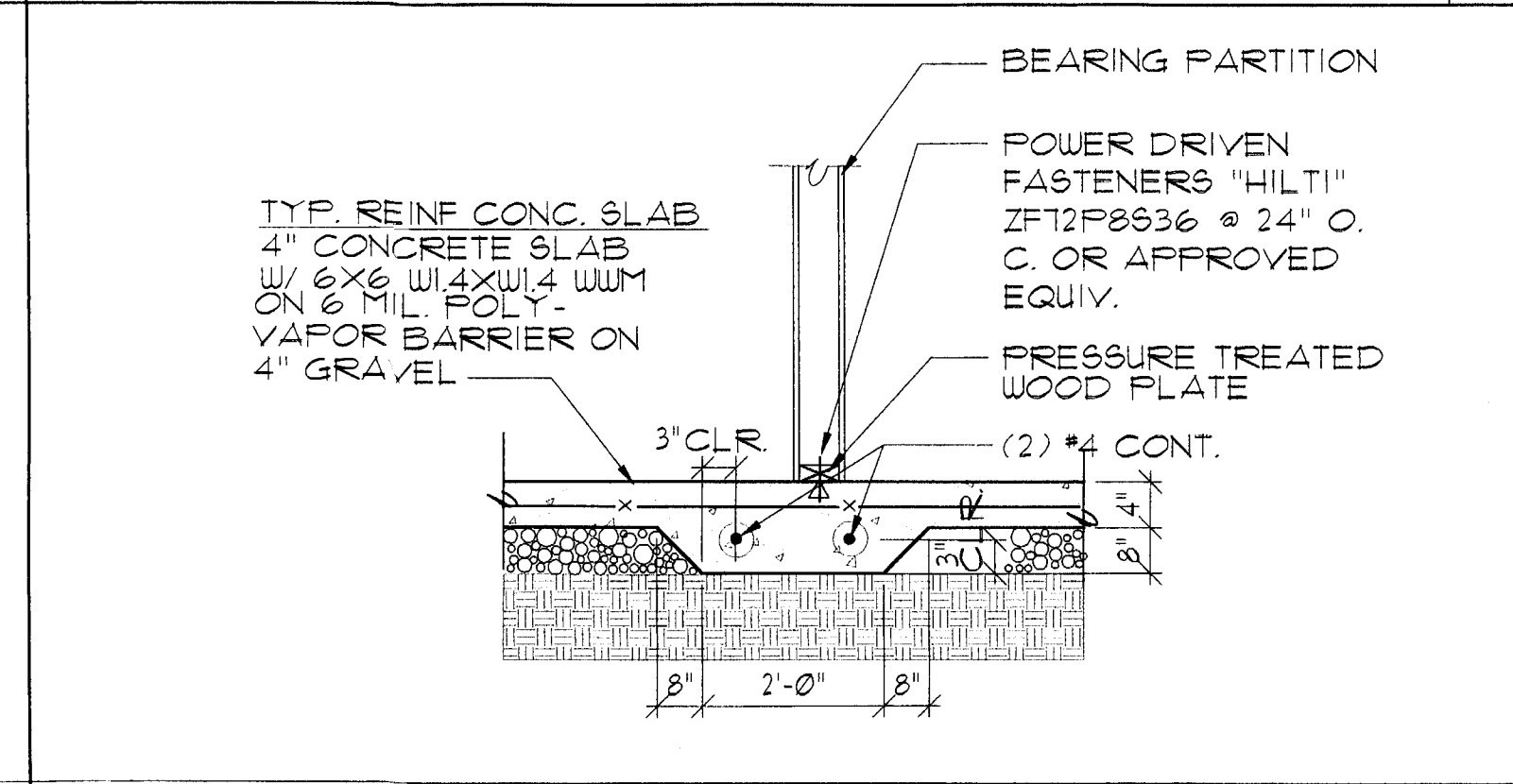
DET. @ TYP. FTG. 3/4" = 1'-0" 5



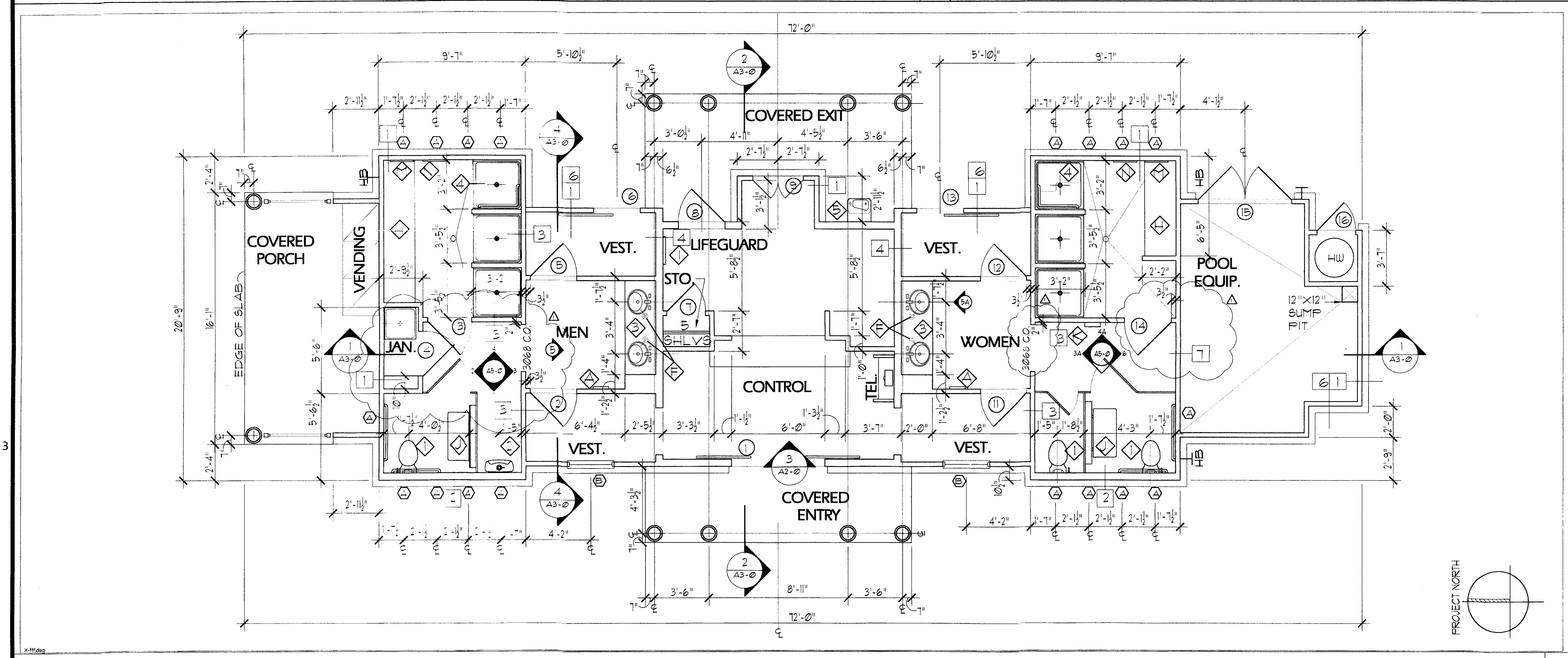
FOUNDATION PLAN 3/16" = 1'-0" 2



DET. @ PORCH/POOL EQUIP. 3/4" = 1'-0" 4



DET. @ THICKEN SLAB 3/4" = 1'-0" 3



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

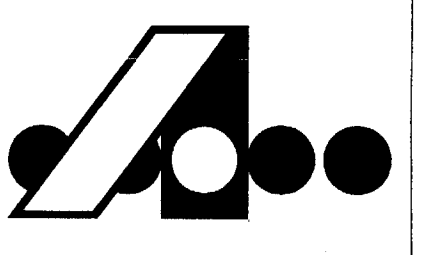
GENERAL NOTES:

1. REFER TO FOUNDATION PLAN FOR EDGE OF SLAB & OUTSIDE FACE OF STUD WALLS.
2. VERIFY FINAL GRAPES WITH CIVIL ENGINEER
3. COORDINATE PERIMETER FOOUNDATION DRAIN WITH PLUMBING & CIVIL ENGINEER

ISSUED FOR CONSTRUCTION



ARCHITECTURAL DESIGN GROUP, INC.
1600 PRINCE STREET
ALEXANDRIA, VIRGINIA 22314
PH. 703.549.9556 / FX. *4458
ADG, INC. COPYRIGHT ©



PROJECT No: 01006

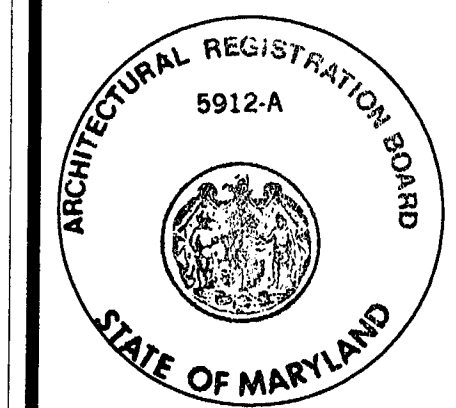
NUMBER	DATE	TO
Δ 10-1-02		PER-11

PROGRESS PRINTS

DATE	TO	USAGE
06-17-01	OWNER	PROGRESS
08-01-01	OWNER	PERMIT
06-19-01	OWNER	CHKSET
08-20-02	OWNER	PERMIT

DRAWN BY: vkp
FLOOR /FDN PLAN / DET.

ISSUED FOR CONSTRUCTION



ARCHITECTURAL DESIGN GROUP, INC.
 1600 PRINCE STREET
 ALEXANDRIA, VIRGINIA 22314
 PH. 703.549.9556 / FX. *4458
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PROJECT No. 01006

REVISIONS AFTER ISSUED

NUMBER	DATE	TO
Δ	12-11-02	PERMIT

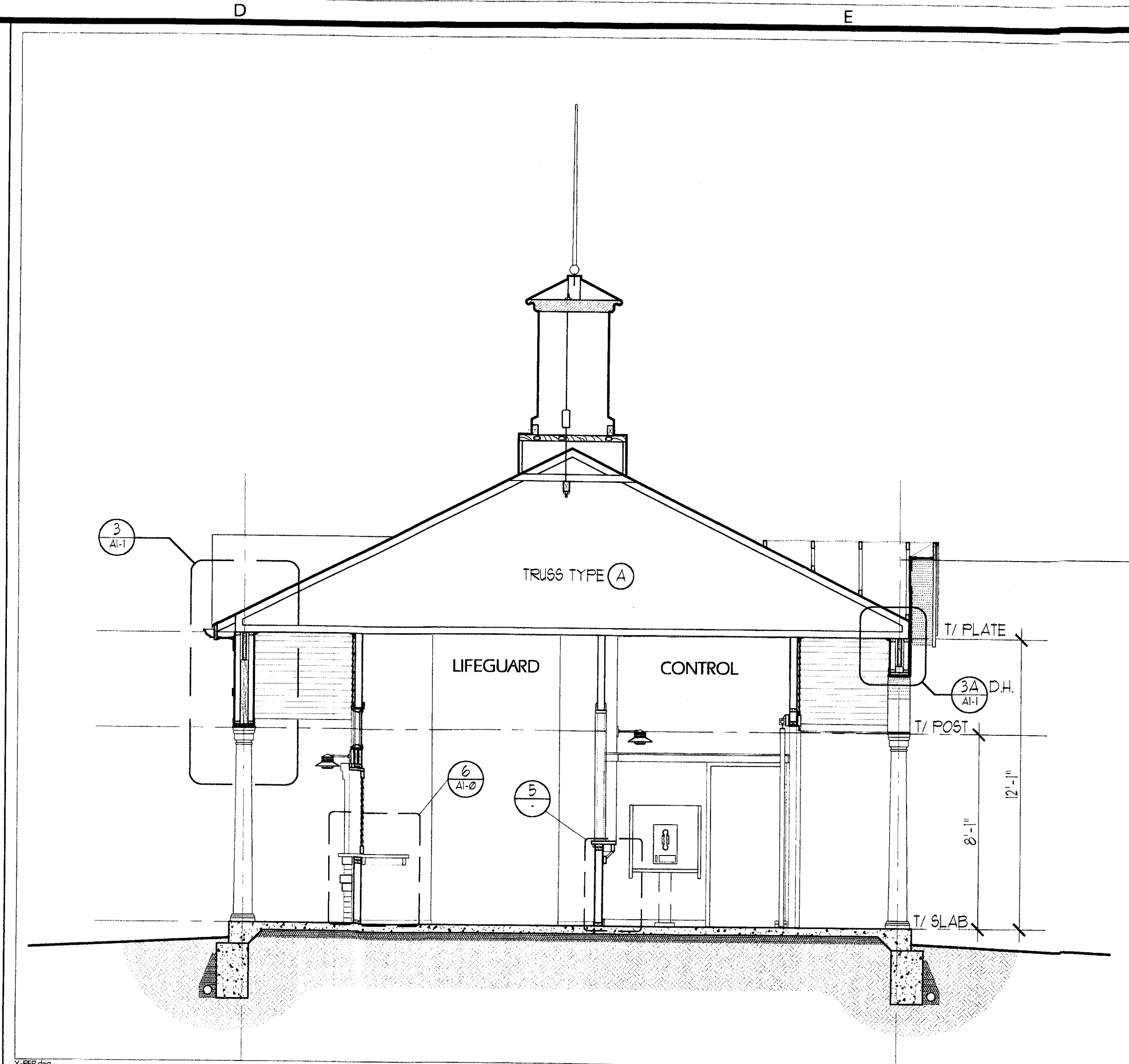
PROGRESS PRINTS

DATE	TO	USAGE
06-17-01	OWNER	PROGRESS
08-01-01	OWNER	PERMIT
06-19-01	OWNER	CHKSET
08-20-02	OWNER	PERMIT

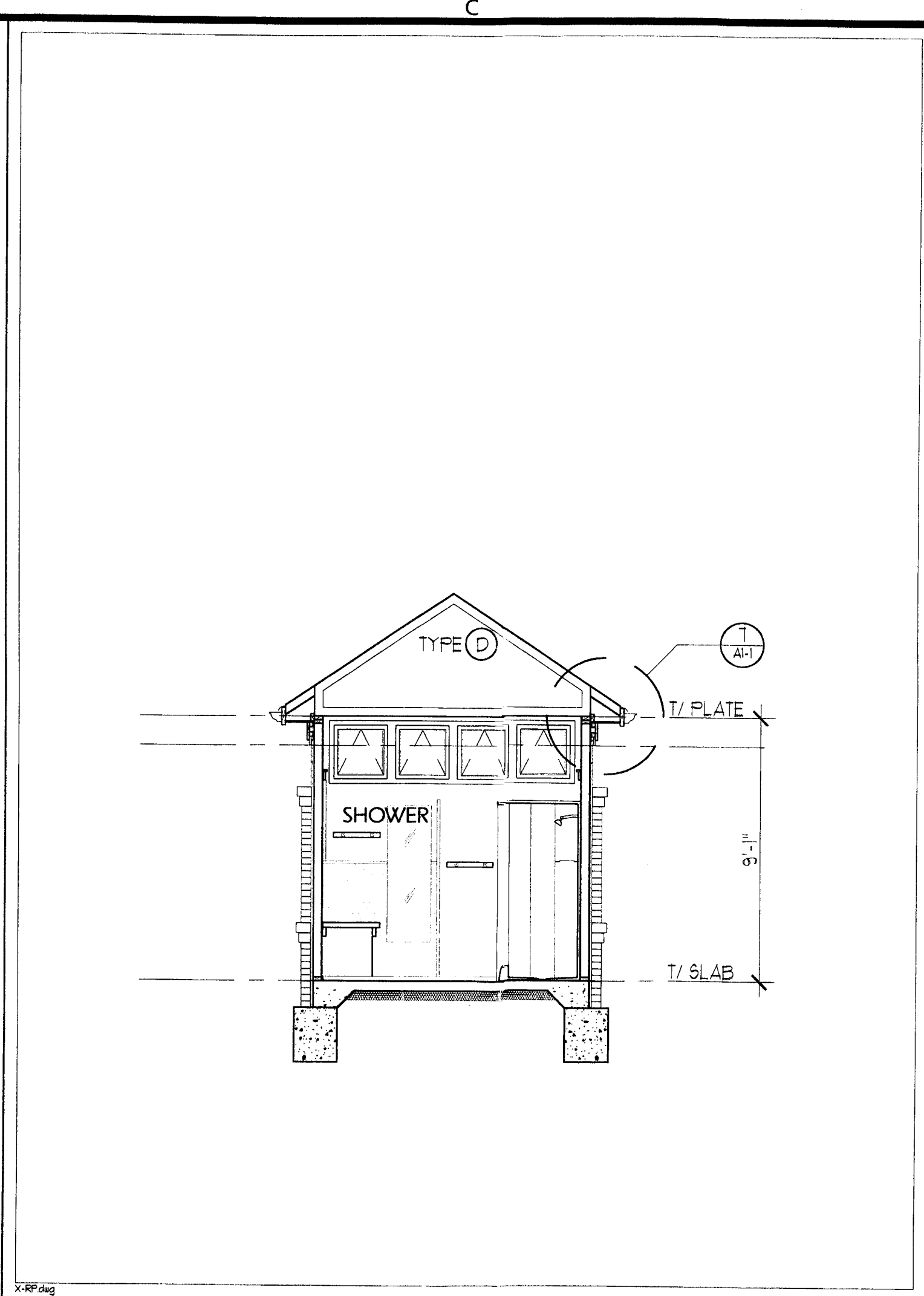
DRAWN BY: vkp

BLDG SECTION

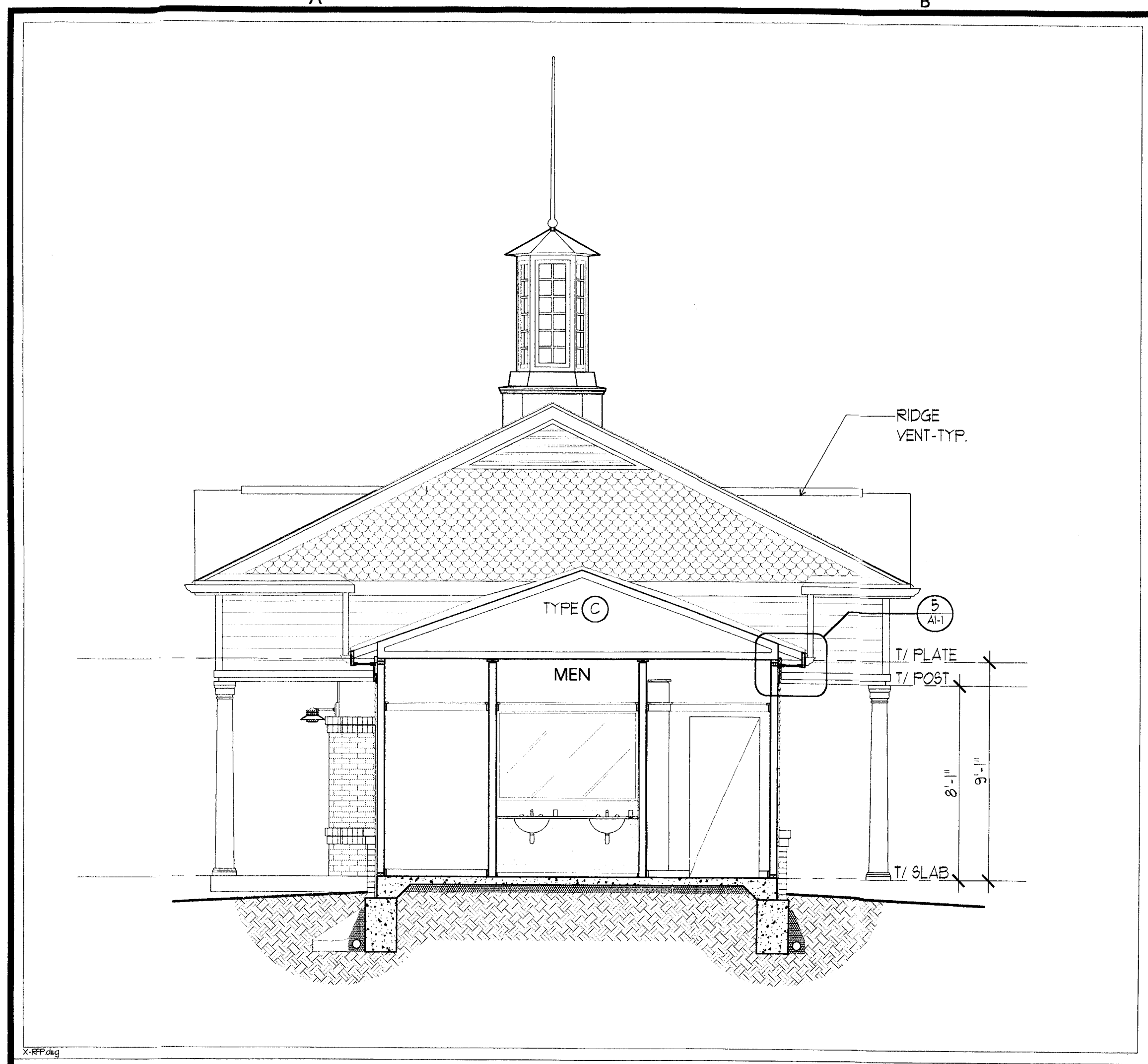
SHEET # **A3-0**
 SHEET X OF XX



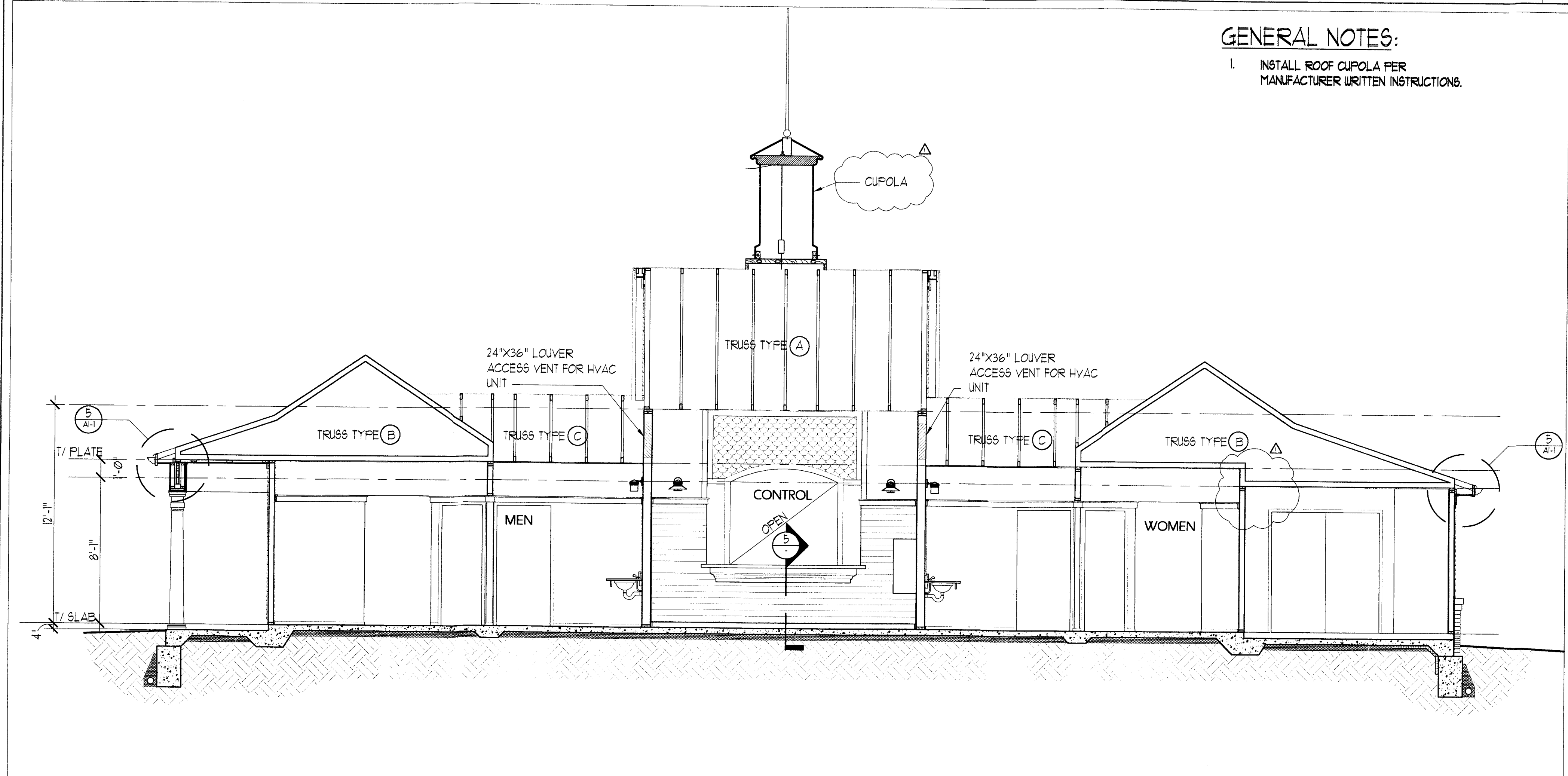
NORTH-SOUTH SECTION 1/4"=1'-0" 3



EAST-WEST SECTION 1/4"=1'-0" 4

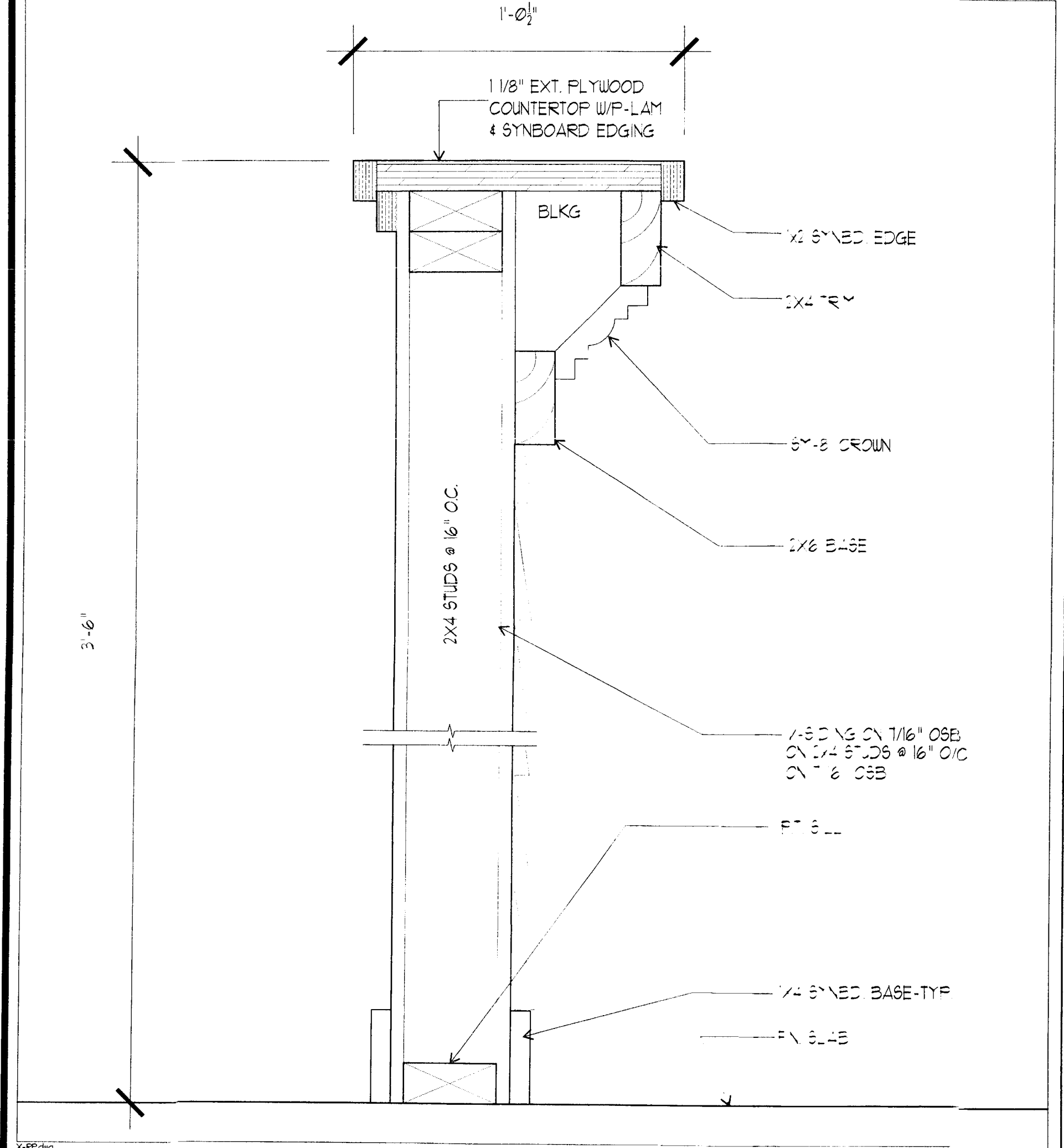


NORTH-SOUTH SECTION 1/4"=1'-0" 2

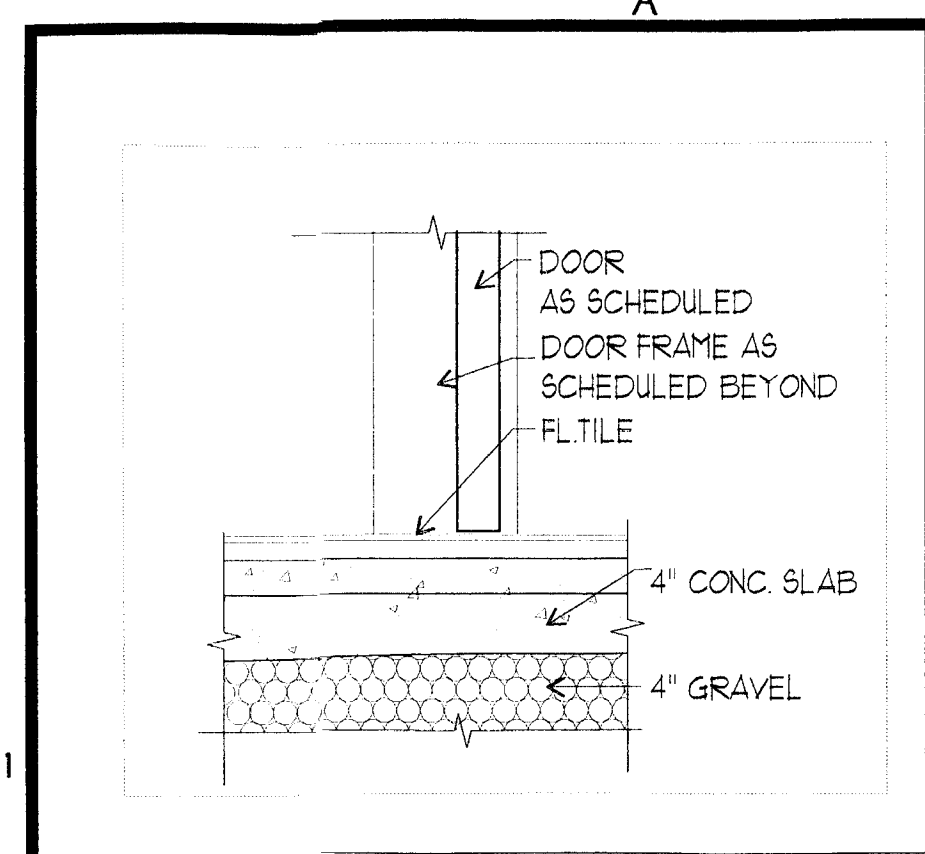


EAST-WEST SECTION 1/4"=1'-0" 5

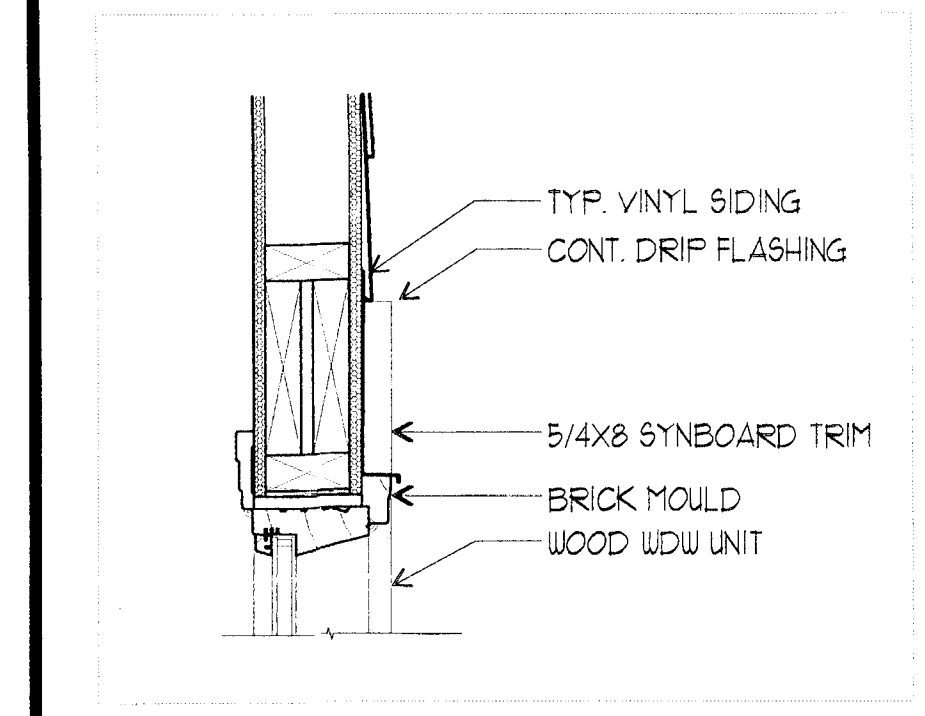
GENERAL NOTES:
 1. INSTALL ROOF CUPOLA PER MANUFACTURER WRITTEN INSTRUCTIONS.



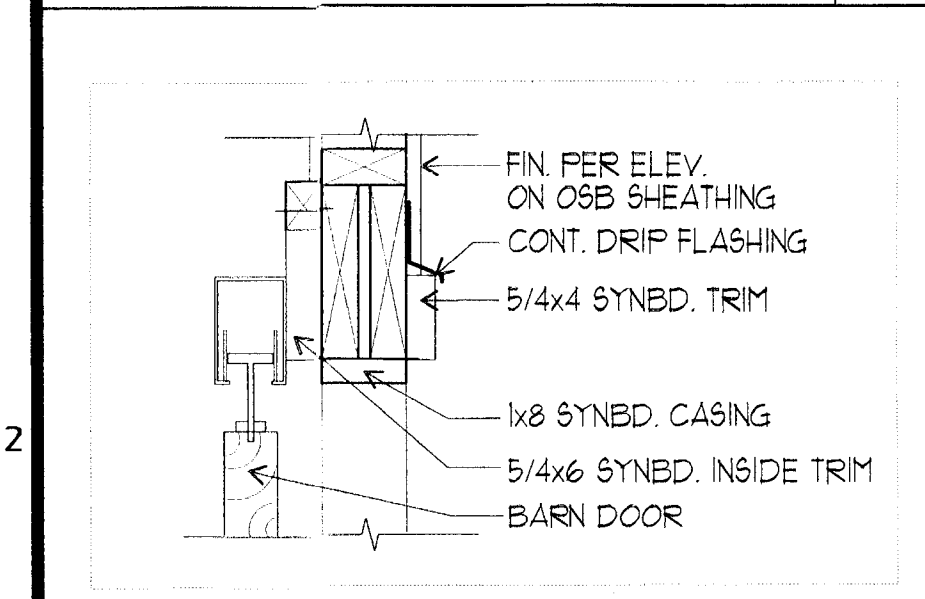
COUNTER DET. 3"=1'-0" 5



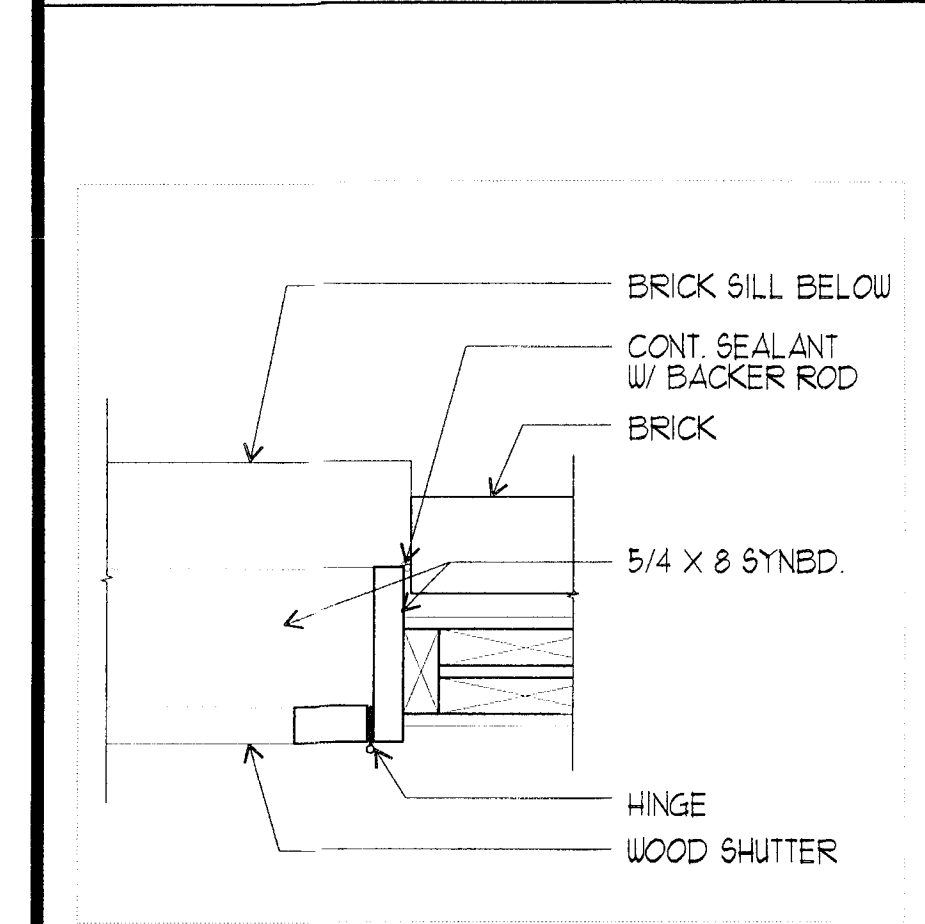
DET # SILL 1 1/2" = 1'-0" 16



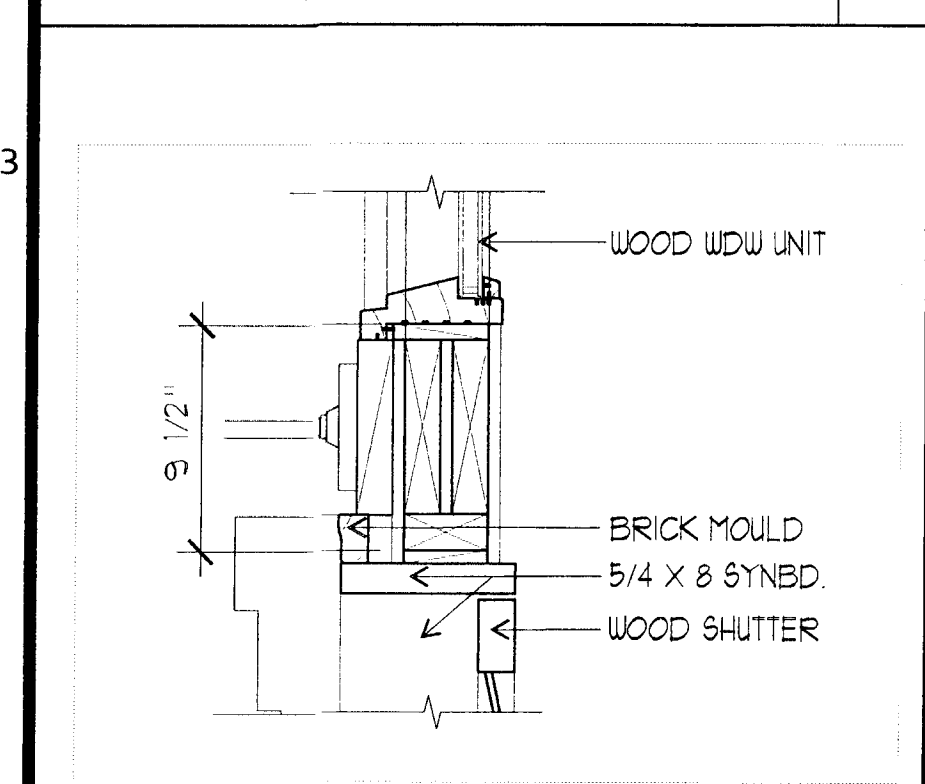
DET # HEAD/JAMB SILL 1 1/2" = 1'-0" 15



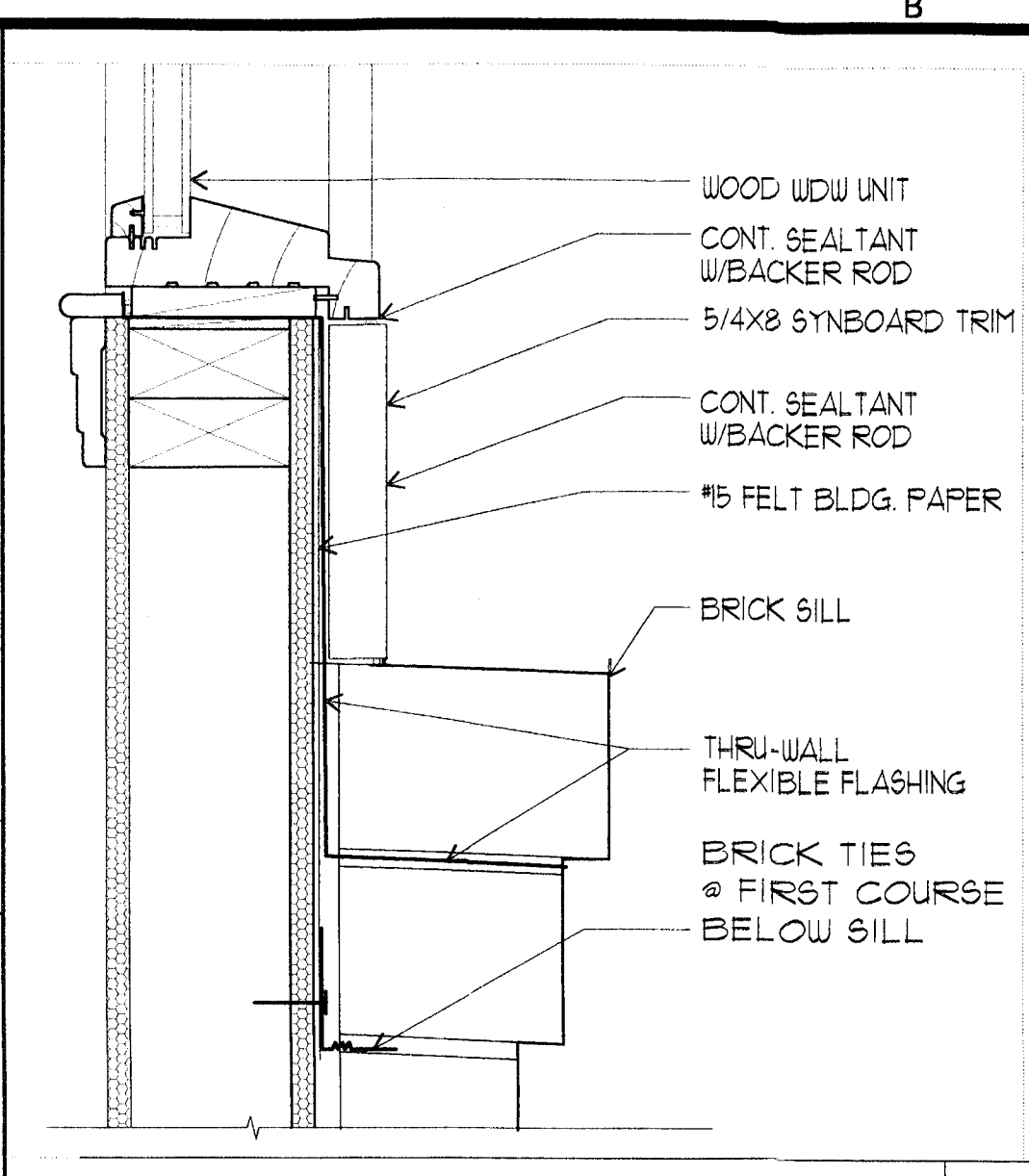
DET # CASED OPNG. 1 1/2" = 1'-0" 14



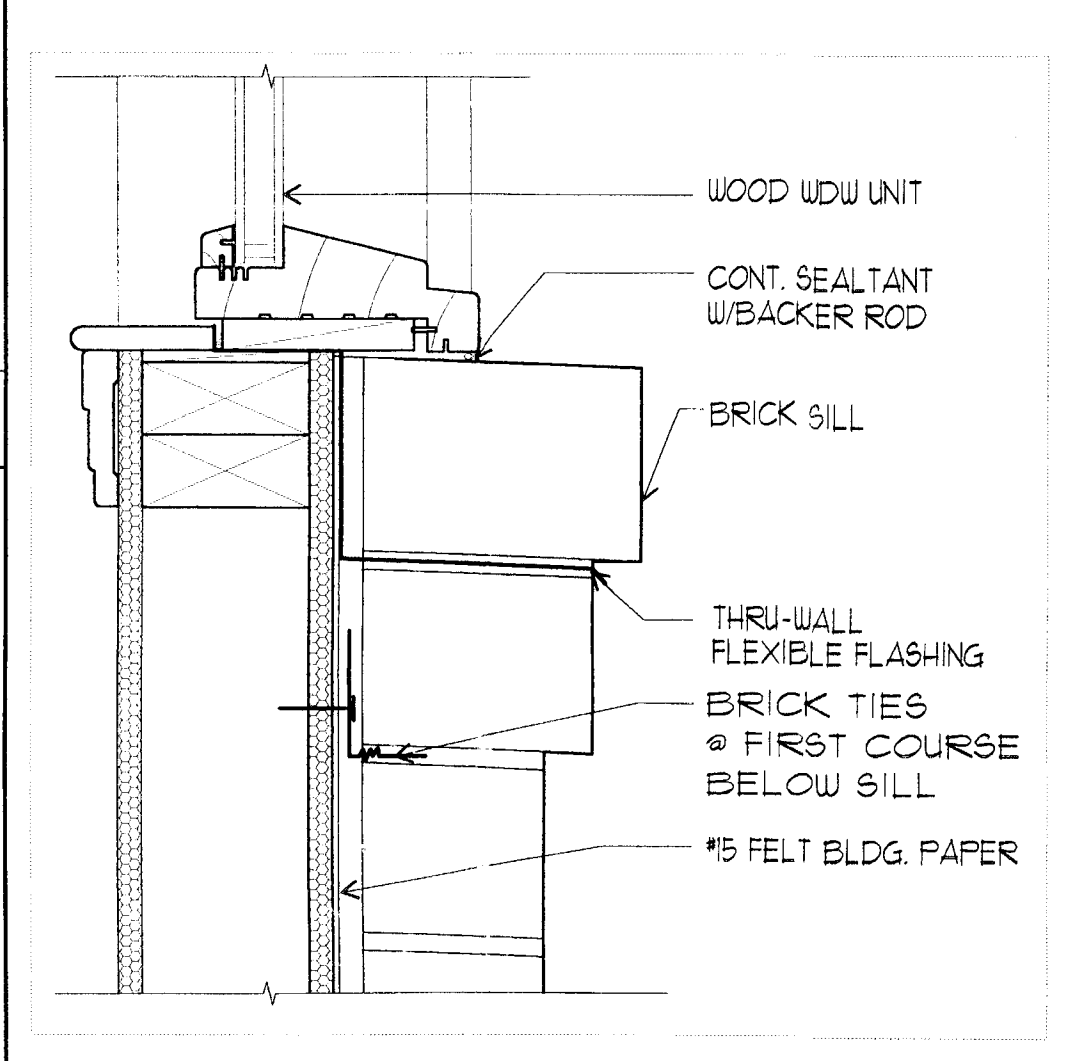
DET # JAMB & SHUTTER 1 1/2" = 1'-0" 13



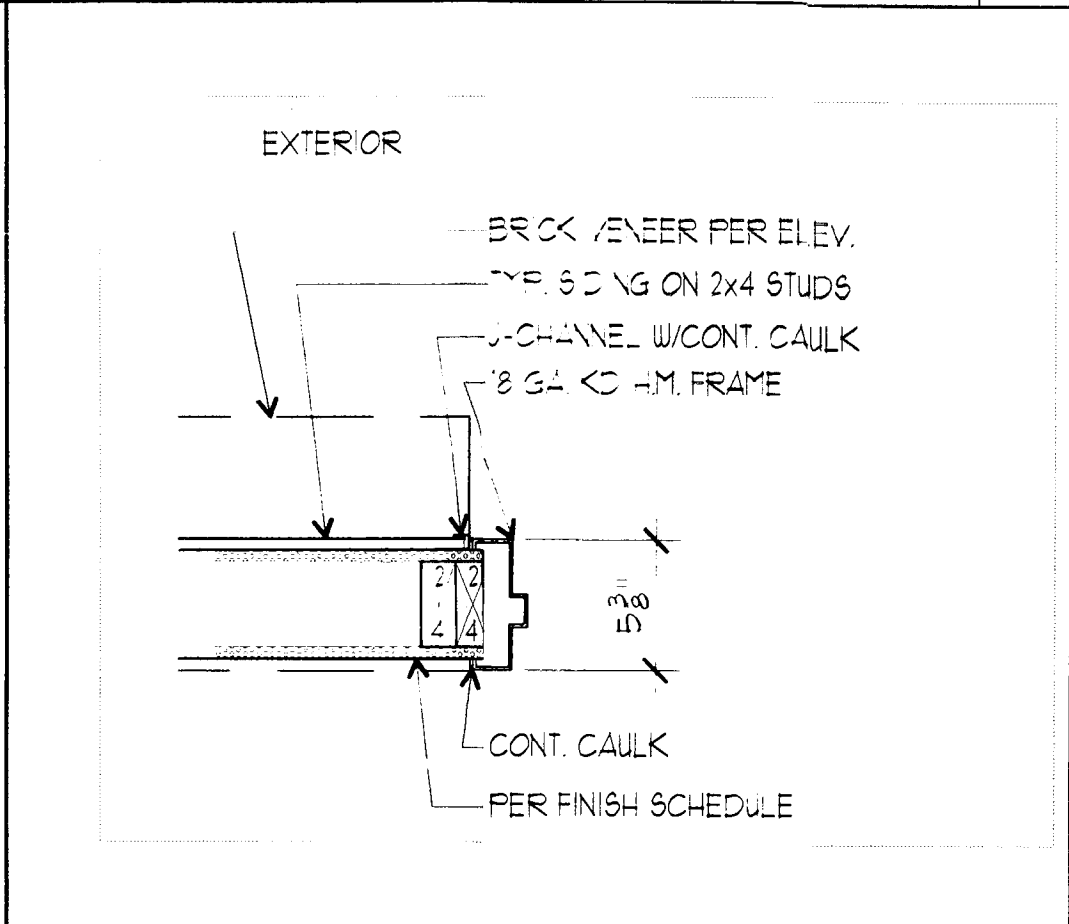
DET # HEAD & SHUTTER 1 1/2" = 1'-0" 12



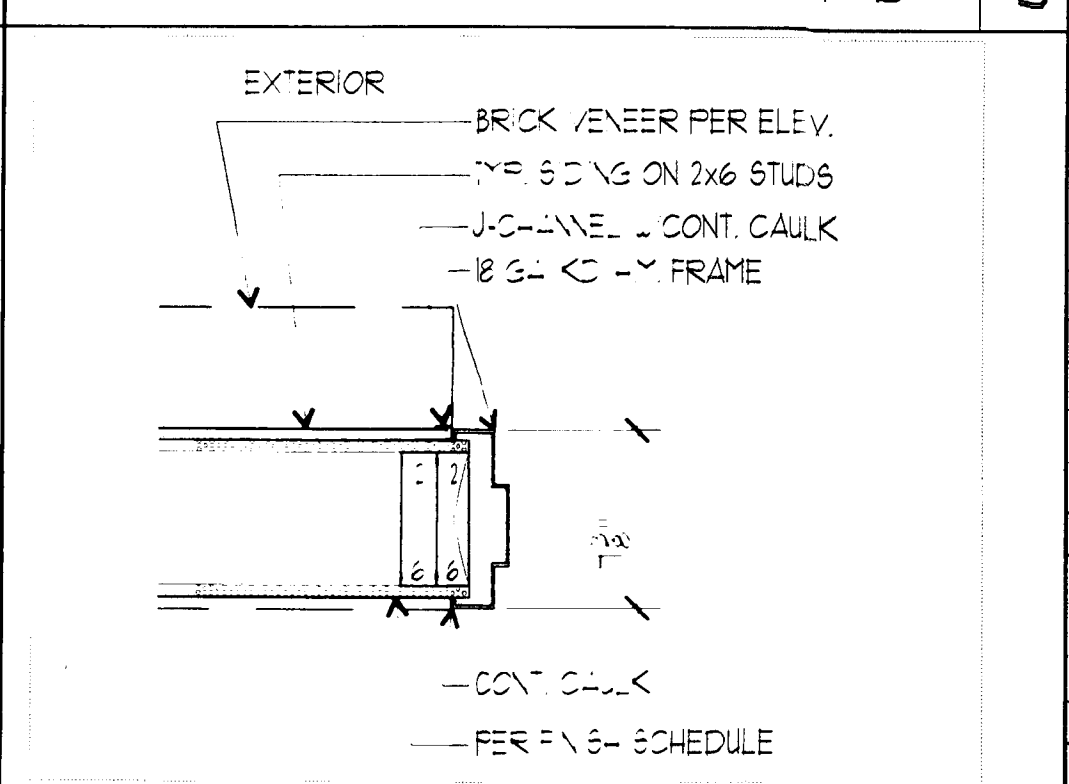
DET # WINDOW SILL 3" = 1'-0" 11



DET # WINDOW SILL 3" = 1'-0" 10



DET # DOOR HEAD/JAMB SILL 1 1/2" = 1'-0" 9

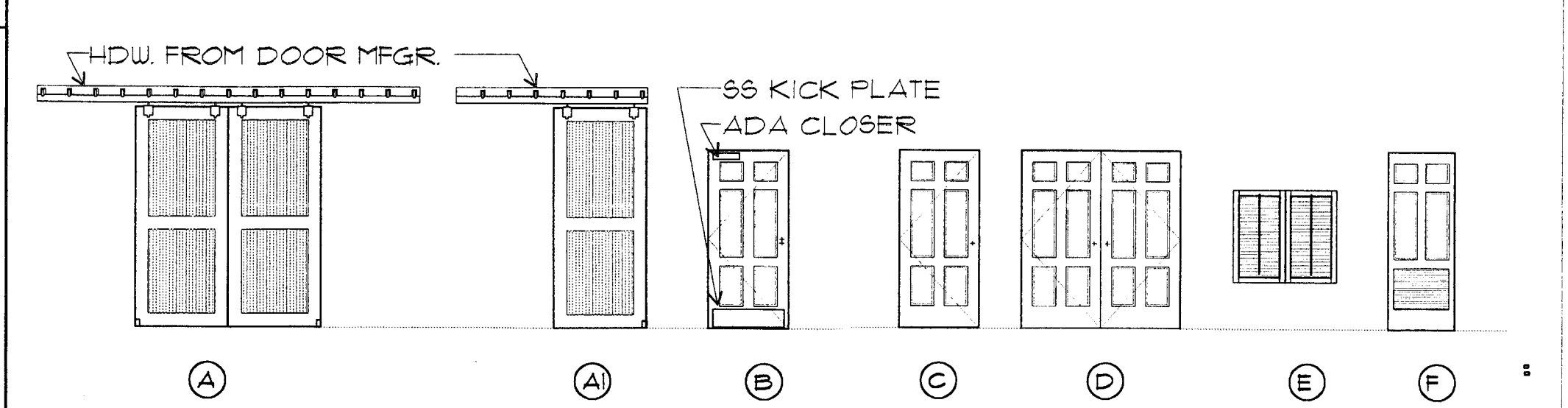


DET # DOOR JAMB 1 1/2" = 1'-0" 8

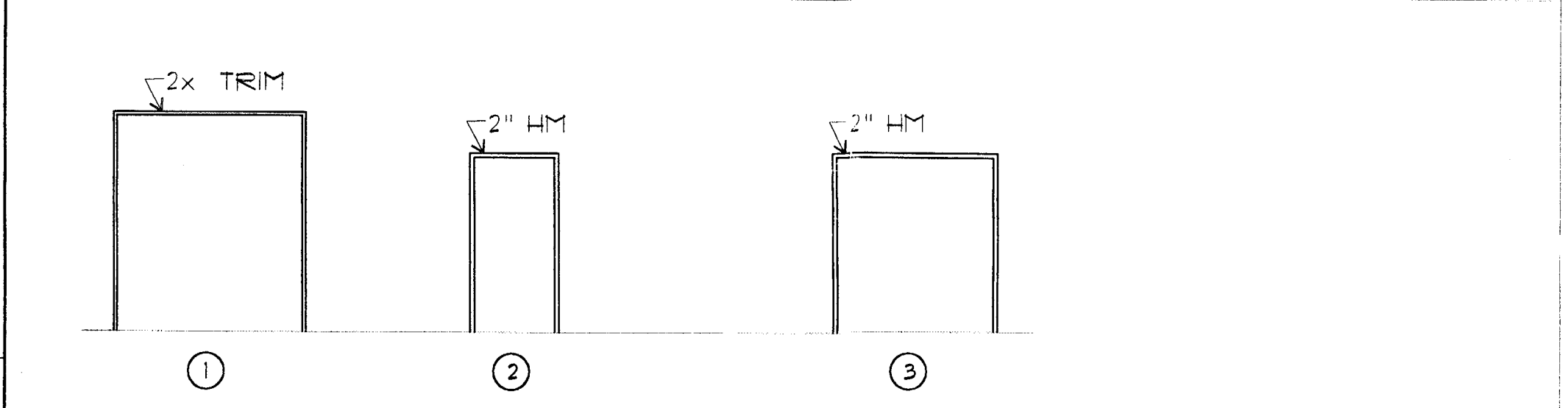
DOOR SCHEDULE

DOOR NO.	DOOR			GLASS	FRAME		FIRE RESIST	HDW	REMARKS
	SIZE	MAT.	TYPE		HEAD	JAMB			
1	FR 3-6	10-0	2 1/4	SC	A	-	15	15	SLIDING BARN STYLE W/ LOCK SET
2	3-0	6-8	1 3/4	HM	B	-	9	9	'REPUBLIC' D6 SERIES W/ CLOSER
3	3-0	6-8	1 3/4	HM	B	-	9	9	'REPUBLIC' D6 SERIES W/ CLOSER
4	2-10	6-8	1 3/8	HM	C	-	9	9	'REPUBLIC' DM SERIES
5	3-0	6-8	1 3/8	HM	B	-	9	9	'REPUBLIC' DM SERIES
6	3-6	7-0	2 1/4	SC	AI	-	15	15	SLIDING BARN STYLE W/ LOCK SET
7	2-6	6-8	1 3/4	HM	C	-	9	9	'REPUBLIC' D6 SERIES W/ CLOSER
8	3-0	6-8	1 3/4	HM	C	-	9	9	'REPUBLIC' DM SERIES
9	FR 2-0	3-8	1 3/4	WD	E	-	12	13	SHUTTER DOOR W/ LOCK SET
10	-	-	-	-	-	-	-	-	NOT USED
11	3-0	6-8	1 3/4	HM	B	-	9	9	'REPUBLIC' DM SERIES
12	3-0	6-8	1 3/8	HM	B	-	2	2	'REPUBLIC' D6 SERIES W/ CLOSER
13	3-6	7-0	2 1/4	SC	AI	-	15	15	SLIDING BARN STYLE W/ LOCK SET
14	3-0	6-8	1 3/4	HM	B	-	9	9	'REPUBLIC' D6 SERIES W/ CLOSER
15	FR 3-0	6-8	1 3/4	HM	D	-	3	9	'REPUBLIC' D6 SERIES W/ CLOSER
16	2-6	6-8	1 3/8	HM	F	-	2	9	'REPUBLIC' DM SERIES

DISTRIBUTED BY DESIGNER DOORS INC. RIVER FALLS, WI 54022, TEL. 800.241.0525
DISTRIBUTED BY REPUBLIC BUILDERS PRODUCTS, MCKENZIE, TN 38201, TEL. 901/352.3338



DOOR TYPES



DOOR FRAMES

GLAZING SCHEDULE

TYPE	ROUGH OPNG.		GLAZING	FRAME			REMARKS
	W	H		HEAD	JAMB	SILL	
A	2-1	2-1	INSULATED GLASS	15 OR 3/4x2-1	15	10 or 11	WD * U11-1919 (NO GRILLE)
B	6-1	3-3	INSULATED GLASS	15	15	10	WD * P1-3366 (TRILGY SERIES)

1. ALL WINDOWS SHALL BE CARADO WINDOW (PH. 800.238.1866) OR APPROVAL EQ. PER OWNER

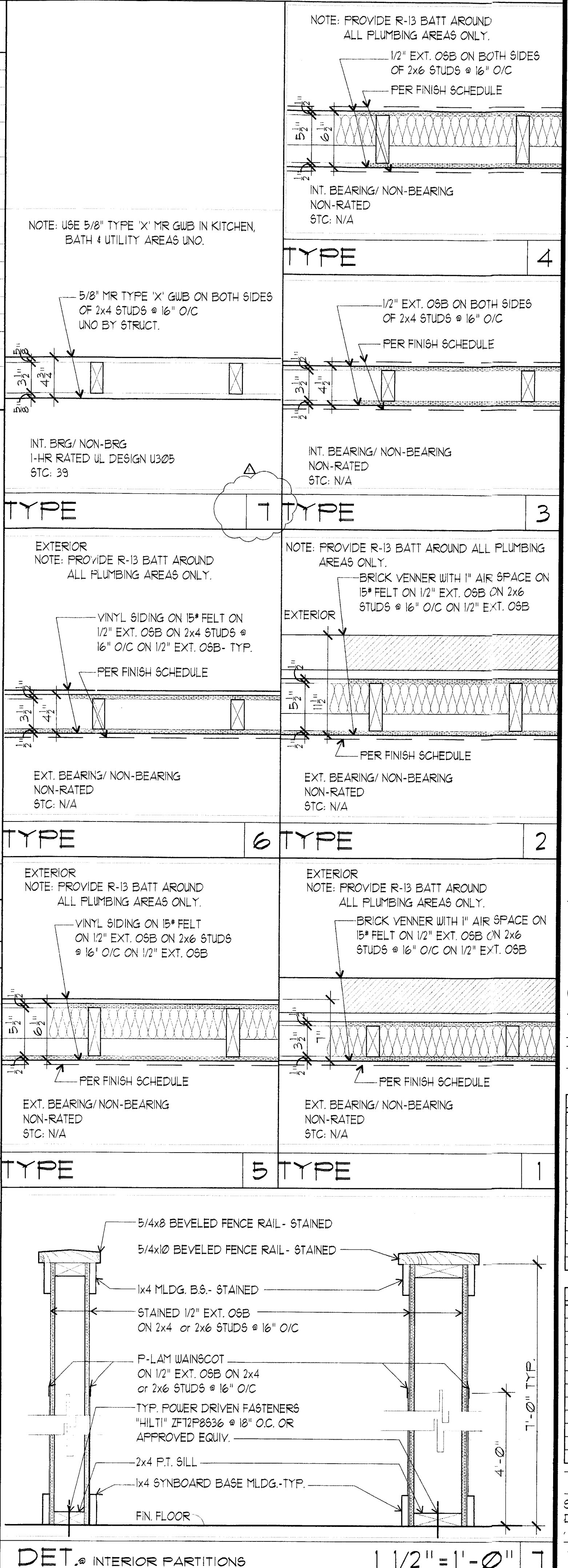
FINISHES

FINISH SCHEDULE

FLOORS	ROOM NAME	WAINSCOTS		WALLS		CEILINGS		REMARKS
		BASES	MATL	HGT	MATL	FIN	MATL	
A	EXPOSED CONC.							
B	EXPOXY COATED CONC.							
C	DYED & SCORED CONC.							
BASES								
1	1x4 SYNBOARD							
WAINSCOTS								
A	FIBERGLASS REINF. PANEL							
WALLS								
1	1/2" OSB							
2	EXPOSED FRAMING							
CEILINGS								
A	1/2" OSB							
B	STAINED EXPOSED FRAMING							

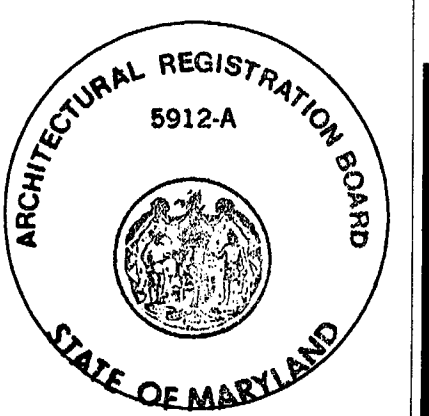
1. STAIN ALL EXPOSED INTERIOR OSB WITH MENDO STAIN (PH. 800.912.1693)
2. DISTRIBUTED BY LIGHT STYLES, LTD., CARLISE, PA 17013, (TEL. 1800/326.5914)

PARTITION TYPES



CHAPEL GROVE
SEASONAL SWIM FACILITY
Anne Arundel County, MD
WINCHESTER HOMES
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PROJECT No: 01006

REVISIONS AFTER ISSUED

NUMBER	DATE	TO
1	10-11-02	PERMIT

PROGRESS PRINTS

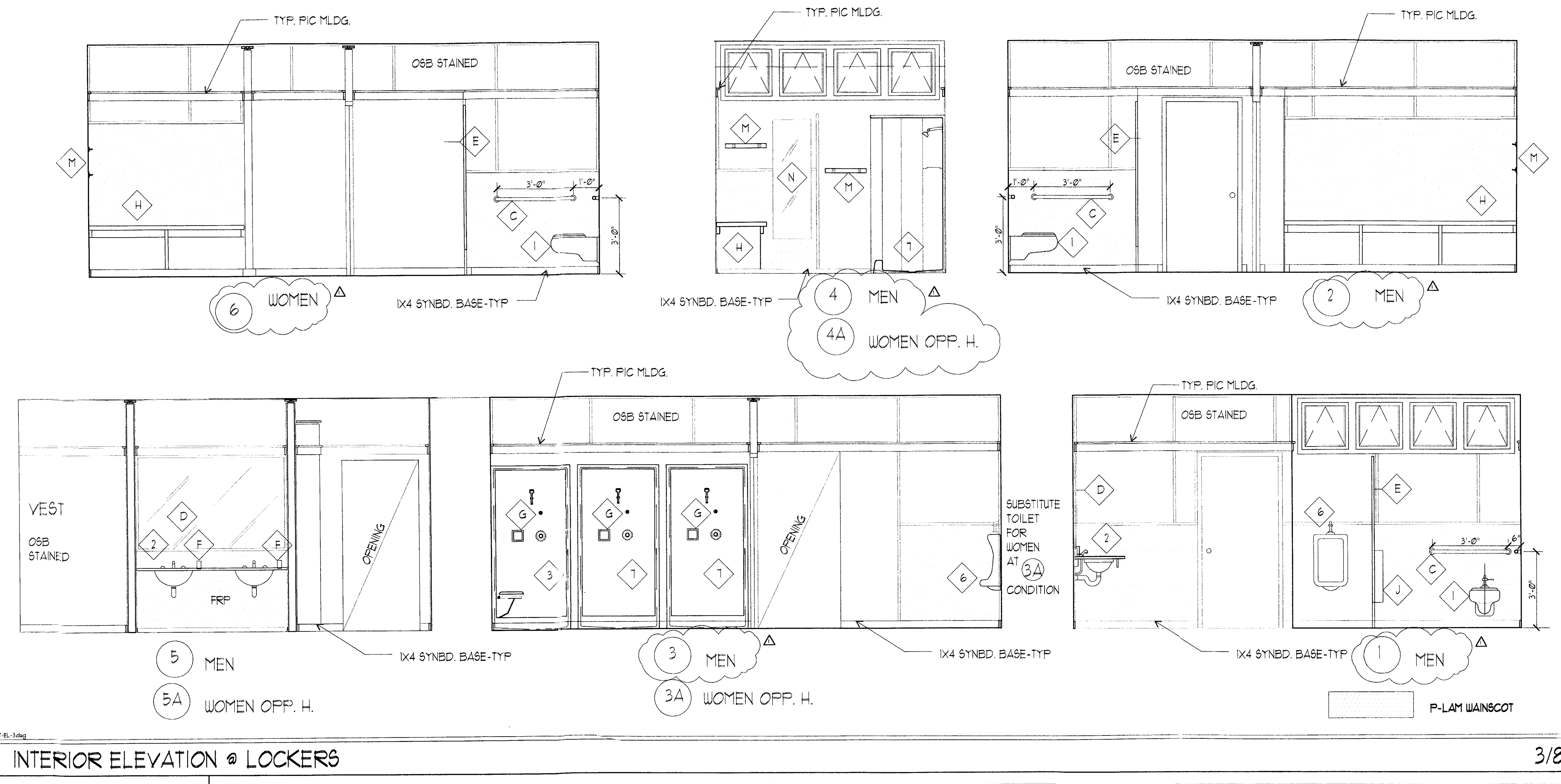
DATE	TO	USAGE
08-17-01	OWNER	PROGRESS
08-01-01	OWNER	PERMIT
08-19-01	OWNER	CHKSET
08-20-02	OWNER	PERMIT

DRAWN BY: AJM/KO
SCHEDULES/DETAILS

SHEET # A4-0
SHEET 8 OF 14

ACCESSIBLE MOUNTING HEIGHTS

FIXTURES:	ADA MOUNTING HGT.	REMARKS
1 TOILET	TOP OF TOILET SEAT 17"-19" AFF.	PER PLUMBING DRAWINGS
2 LAVATORY	COUNTER SURFACE MAX. 34" AFF. W/ 29" MIN. CLEAR FROM FIN. FLOOR TO BTM. OF APRON KNEE & 21" MIN. CLEARANCE TO EXTEND 8" MIN. TO LAVATORY	PER PLUMBING DRAWINGS
3 HC SHOWER	PRE-FAB 36" X 36" SHOWER W/ SEAT 17"-19" ABOVE FLOOR AND GRAB BARS MOUNTED 33"-36" ABOVE FLOOR FULL WIDTH ON THE CONTROL WALL CONNECTING TO AN 18" LONG GRAB BAR ON BACK WALL - CURB 1/2" OR LESS	LASCO 1363-BF6
4 DRINKING FOUNTAIN	SPOUT HGT. 36" MAX. AFF. TO OUT	HALSEY TAYLOR
5 UNDER SINK PIPE INSULATION		TRUEBRO, INC. PH# 800.340.5929
6 URINAL	ELONGATED RIM @ 17" MAX. FLUSH CONTROLS 44" MAX AFF.	PER PLUMBING
7 STD. SHOWER		PER PLUMBING
ACCESSORIES	ADA MOUNTING HGT.	MFR
A PAPER TOWEL DISPENSER & TRASH DISPOSAL	4'-0" MAX. TO OPERABLE PARTS	BRADLEY #2021
B TOILET PAPER DISPENSER	MIN. 19" - 36" MAX. AFF.	BRADLEY #5224
C GRAB BAR	MIN. 33"-36" MAX AFF.	BRADLEY # 012 BRADLEY #148-2046
D MIRROR	BTM. EDGE 40" MIN.	
E TOILET PARTITION	MIN. 9" ABOVE FLOOR	SERIES 400
F SOAP DISPENSER	ON LAVATORY COUNTER TOP	BRADLEY #6322-61
G SOAP DISPENSER	MOUNTED ON SHOWER	BOBRICK B-40
H BENCH	17"-19" AFF MAX	
J DIAPER FOLD-DOWN	36" AFF MAX.	WORLD DRYER 208.449.6950
K SANITARY NAFKIN/TAMPON DISPENSER	4'-0" MAX. TO OPERABLE PARTS	BRADLEY #401
L SANITARY NAFKIN DISPOSAL		BRADLEY #4122-5
M BENCH MIRROR	INSTALL 18" WIDE W/ BTM EDGE 18" AFF. & TOP 12" AFF.	BRADLEY #148-5618
N ROBE HOOK	48" MAX HC. 60" STDR	BRADLEY #331



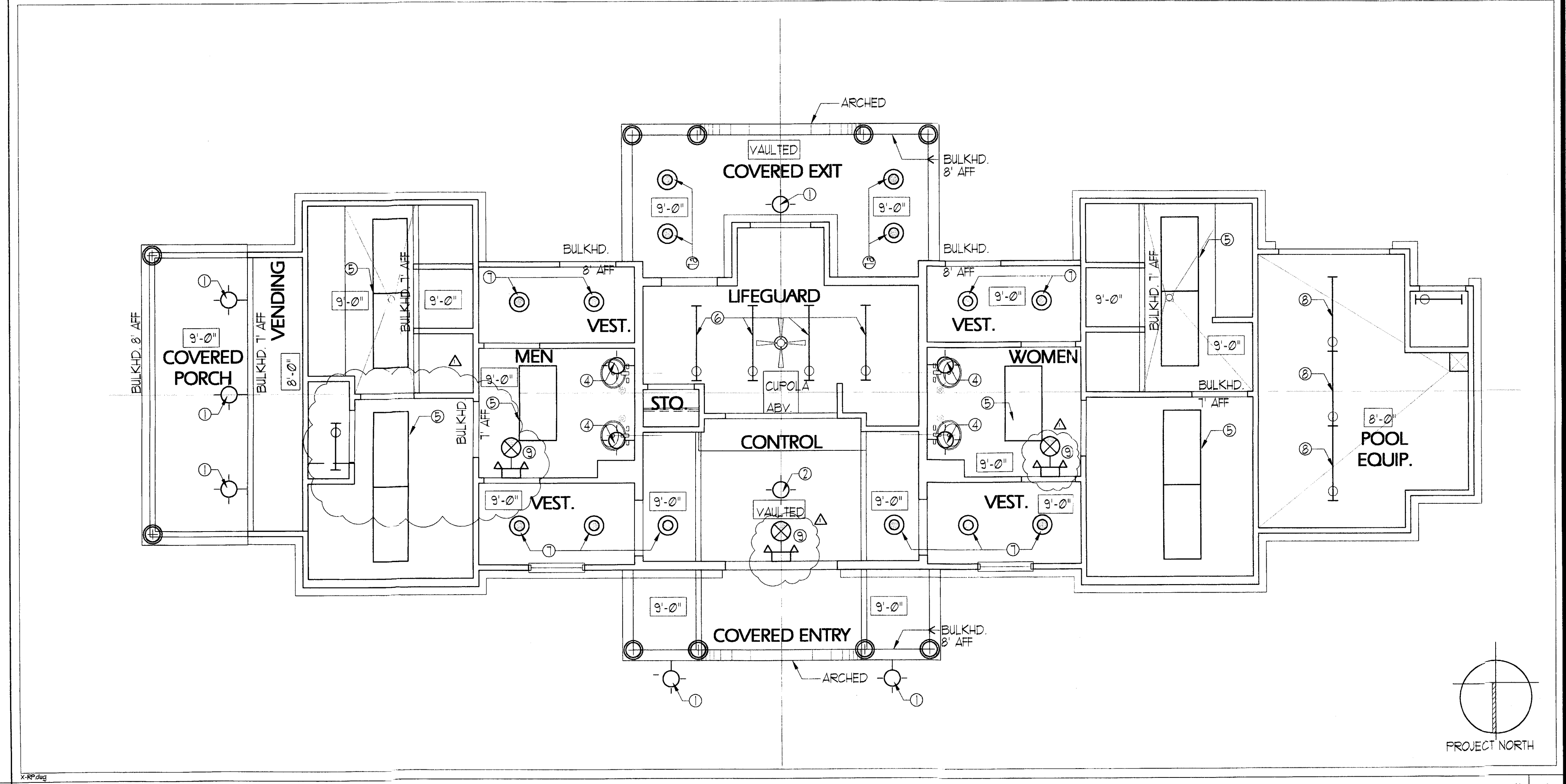
INTERIOR ELEVATION @ LOCKERS

3/8" = 1'-0"

GEN NOTES: ALL EXPOSED WALL BELOW 7'-0" AFF. WILL BE CONFORED WITH

#	MFG.	NAME	LAMP	DESCRIPTION
1	PROGRESS LIGHTING	F6551-31 BLACK	(2) TW COMP FLUOR (G23 BASE)	EXTERIOR WALL MOUNTED LUMINAIRE
2	TEKA	B5M-2246 NATURAL	100W A19	EXTERIOR WALL MOUNTED LUMINAIRE
3	TEKA	BUM-2046 NATURAL	100W A19	EXTERIOR WALL MOUNTED LUMINAIRE
4	TEKA	BUM-2118 NATURAL	75W PAR30	EXTERIOR WALL MOUNTED LUMINAIRE
5	METALUX	ARL-214T5-TBW-5U/9D-UNV-EBT1-U	F14T5	SURFACE FLUORESCENT LUMINAR
6	COLUMBIA	LUN-4-1-40-LE-120-S9LTP	40W, T12	ENC. O&D & GASKETED FIBERGLASS INDUSTRIAL FLUORESCENT
7	LIGHTOLIER	1146	PAR 38, 100W	LYTECAFER INTERIOR DOWN LIGHT
8	LIGHTOLIER	1151	PAR 38, 150W	LYTECAFER EXTERIOR DOWN LIGHT
9	METALUX	65-220-120V-EB8-U	20W, T8	24 FLUORESCENT STRIP
10	SURE-LITES	CCX-11-RUHCH - V52	LED LITE STRIP	CCX SERIES EXTERIOR LIGHTING - SELF POWERED

LIGHT FIXTURE SCHEDULE

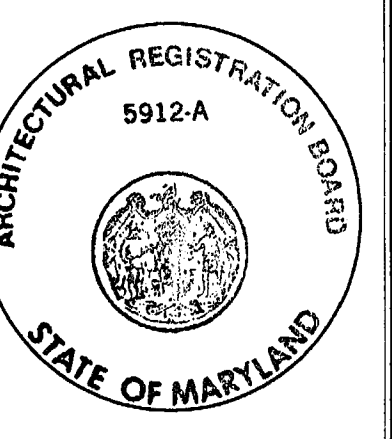


REFLECTED CEILING PLAN

1/4" = 1'-0"

CHAPEL GROVE
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Anne Arundel County, MD
WINCHESTER HOMES
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PROJECT No. 01006

NUMBER	DATE	TO
1	10-11-02	PERMIT

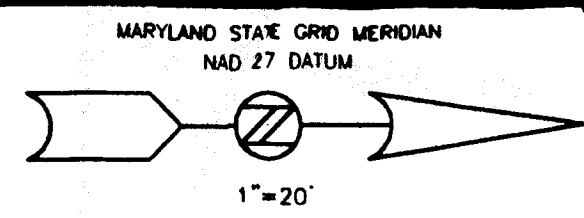
PROGRESS PRINTS

DATE	TO	USAGE
06-17-01	OWNER	PROGRESS
08-01-01	OWNER	PERMIT
06-19-01	OWNER	CHKSET
08-20-02	OWNER	PERMIT

DRAWN BY: AJ / vkp

REFLECTED CEILING PLAN
INTERIOR ELEV.

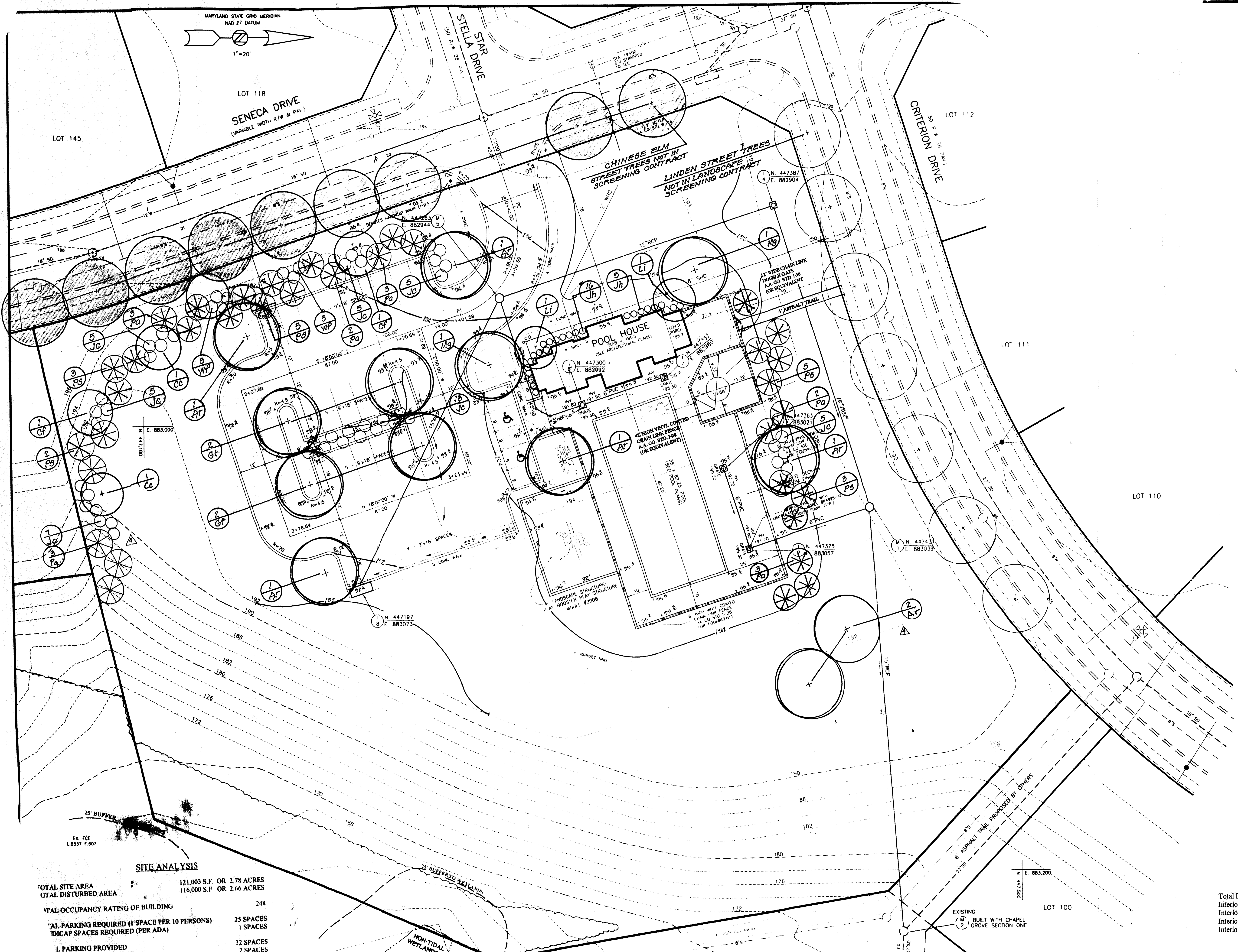
SHEET # **A5-0**
SHEET 5 OF XX



LOT 118
SENECA DRIVE
(VARIABLE WIDTH R/W & PAV.)

STELLA STAR DRIVE

CRITERION DRIVE



- * Needs:**
- ① Commit Letter / Permit.
 - ② Exit/Emergency Lights
 - ③ Electrical Final
 - ④ Mount Fire Extinguisher
 - ⑤ 6" Address Front of Bldg.

YOK 5/13/03
Pool House # B02182041
Pool # B02182669

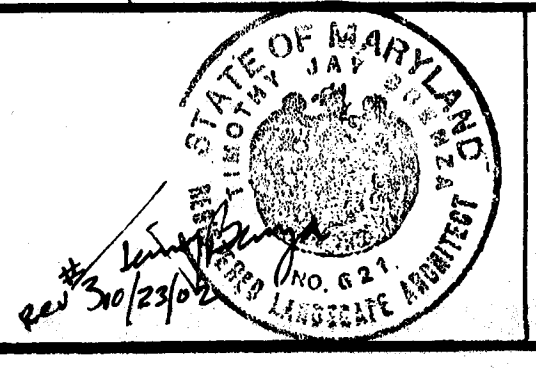
SITE ANALYSIS

TOTAL SITE AREA	121,003 S.F. OR 2.78 ACRES
TOTAL DISTURBED AREA	116,000 S.F. OR 2.66 ACRES
TOTAL OCCUPANCY RATING OF BUILDING	248
TOTAL PARKING REQUIRED (1 SPACE PER 10 PERSONS)	25 SPACES
TOTAL CAP SPACES REQUIRED (PER ADA)	1 SPACES
TOTAL PARKING PROVIDED	32 SPACES
TOTAL CAP SPACES PROVIDED	2 SPACES

INTERIOR PLANTING REQUIREMENTS

Total Parking Area =	14,000 s.f.
Interior Planting Area Required (10%) =	1,400 s.f.
Interior Planting Area Provided =	2,000 +s.f.
Interior Trees Required = (1/200 s.f.) =	7 trees
Interior Trees Provided =	8 trees

DATE	REVISIONS
10-17-02	REVISE COMMUNITY REC. AREA & COST ESTIMATE
11-4-02	ADD SCREENING PER ARCH. COMMENT LETTER 11/1/02



CHISHOLM-WEBER ASSOCIATES
LAND DEVELOPMENT CONSULTANTS
ENGINEERING • PLANNING • SURVEYING
2661 RIVA ROAD, RIVA 400, SUITE 320
ANNAPOLIS, MARYLAND 21401
PHONE (410) 224-3990 FAX (410) 224-4203

BUILDING PERMIT PLAN
SWIMMING POOL AND POOL HOUSE
CHAPEL GROVE RECREATION AREA
SUBDIVISION NUMBER 96-048
COUNTY MAPS SCALE: 1000' # 14 200' # 316 & 317
TAX MAP 29
FOURTH ASSESSMENT DISTRICT
PROJECT NUMBER
DATE: AUGUST 2002
PARCEL 77, 78, 84 & 94
ANNE ARUNDEL COUNTY, MD

DEVELOPER: WINCHESTER HOMES, INC.
6905 ROCKLEDGE DRIVE, SUITE 800
BETHESDA, MD 20817
PHONE: (301) 903-1800
ATTN: MIKE CONLEY

DESIGN: TJB	SHEET 6 OF 6	
DRAFT: CK/CAC	DATE: AUG. 2002	JOB: 95-222
APPROVED: JAC	SCALE: AS SHOWN	DWG: ROBREC

SYMBOLS AND ABBREVIATIONS

- WP WEATHERPROOF
- SPECIFIC NOTE REFERENCE
- BRANCH CIRCUIT HOMERUN - NUMBER OF SLASHES INDICATES NUMBER OF CURRENT CARRYING CONDUCTORS IF GREATER THAN TWO.
- BRANCH CIRCUIT WIRING - NUMBER OF SLASHES INDICATES NUMBER OF CURRENT CARRYING CONDUCTORS IF GREATER THAN TWO.
- GFI DENOTES INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER AT INDIVIDUAL OUTLET
- PANELBOARD
- TELEVISION OUTLET
- FUSED HEAVY DUTY SAFETY SWITCH - NEMA 3R (OUTDOOR) ENCLOSURE UNLESS OTHERWISE NOTED. RATED 240 VAC UNLESS OTHERWISE NOTED. TWO POLE UNLESS OTHERWISE NOTED. 60 AMP UNLESS OTHERWISE NOTED.
- DUPEX 15 AMP NEMA 5-15R GFI CONVENIENCE OUTLET.
- DUPEX 15 AMP NEMA 5-15R CONVENIENCE OUTLET.
- DUPEX 15 AMP NEMA 5-15R CONVENIENCE OUTLET, LOCATED 6 INCHES ABOVE COUNTERTOP OR BACKSPLASH.
- DUPEX 20 AMP NEMA 5-20R CONVENIENCE OUTLET.
- SURFACE OR RECESSED MOUNTED FLUORESCENT FIXTURE
- HO WALL MOUNTED FIXTURE
- SURFACE, RECESSED, OR PENDANT MOUNTED INCANDESCENT OR HIGH INTENSITY DISCHARGE LIGHTING FIXTURE
- JUNCTION BOX CONNECTION TO EQUIPMENT
- S SINGLE POLE SWITCH (20 AMP 120 VOLT)
- S₃ THREE WAY SWITCH (20 AMP 120 VOLT)
- S₄ FOUR WAY SWITCH (20 AMP 120 VOLT)
- 120 VAC SLIDE DIMMER
- MANUAL TOGGLE-TYPE STARTER WITH OVERLOAD PROTECTION
- EXIT LIGHT - CEILING MOUNTED - SHADED QUADRANT(S) INDICATE DIRECTIONS - ARROWS. IF PRESENT, INDICATE DIRECTIONAL LIGHTING. EQUIPPED WITH TWO 1516 145V. EXTENDED LIFE LAMPS. VOLTAGE RATING OF 120 VAC. RED LETTERS ON WHITE BACKGROUND. INCLUDE EMERGENCY BATTERY/INVERTER UNIT - SEE GENERAL REQUIREMENTS AND NOTES.
- SAME AS ABOVE EXCEPT WALL MOUNTED.
- TELEPHONE OUTLET
- SELF CONTAINED DUAL HEAD EMERGENCY FIXTURE, WITH 90 MINUTE RATED BATTERY AND INTEGRAL CHARGER UNIT. EACH LAMP 7.2 WATT PAR36. VOLTAGE RATING OF 120V.
- FAN CONNECTION

- # GENERAL ELECTRICAL REQUIREMENTS AND NOTES
- 1 ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE NEW AND UL LISTED AND LABELED. CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL BEAR THE COSTS OF ALL PERMITS AND INSPECTIONS. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT, AND LABOR FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS AND BEAR COSTS FOR ANY TEMPORARY ELECTRIC SERVICE REQUIRED DURING CONSTRUCTION. ALL ITEMS OF EQUIPMENT SHOWN ON THESE PLANS ARE NEW EXCEPT ITEMS SPECIFICALLY IDENTIFIED AS EXISTING.
 - 2 ALL WORK AND MATERIALS SHALL COMPLY WITH THE 1996 NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.
 - 3 CONTRACTOR SHALL COORDINATE ALL WORK WITH THAT OF OTHER TRADES. FIELD VERIFY ELECTRICAL CONNECTION REQUIREMENTS FOR ALL KITCHEN EQUIPMENT. DETERMINE EXACT LIGHTING FIXTURE LOCATIONS FROM ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE EXACT OUTLET LOCATIONS WITH ARCHITECTURAL PLANS AND DETAILS. SELECT COLORS FOR OUTLETS, SWITCHES, AND COVER PLATES AFTER CONSULTATION WITH ARCHITECT. MOUNTING HEIGHTS FOR RECEPTACLES IS 18" AFT EXCEPT WHERE OTHERWISE NOTED.
 - 4 CONTRACTOR SHALL PROVIDE ALL NECESSARY COORDINATION WITH LOCAL ELECTRIC POWER AND TELEPHONE COMPANIES TO ARRANGE FOR NEW SERVICES AS INDICATED.
 - 5 NOTE THAT WHERE SPECIFIC BRAND NAMES HAVE BEEN INDICATED ON THESE DRAWINGS, SUCH INDICATION IS INTENDED ONLY TO ESTABLISH A REFERENCE STANDARD OF QUALITY. UNLESS AN ITEM IS IDENTIFIED AS "NO SUBSTITUTIONS", ALTERNATE MANUFACTURERS OF EQUIVALENT PRODUCTS WILL BE CONSIDERED.
 - 6 ALL NEW WIRING SHALL BE COPPER. MINIMUM CONDUCTOR SIZE IS #12 AWG FOR 20 AMP CIRCUITS, AND #14 OR 15 AMP CIRCUITS WIRING UNLESS OTHERWISE NOTED. ALL WIRING SHALL BE CONCEALED UNLESS OTHERWISE NOTED. EXCEPT CONCEALED BRANCH CIRCUIT WIRING, WHICH SHALL BE "TIGHTLY" BELOW GRADE. CIRCUITS SHALL BE RUN IN PVC CONDUIT (MINIMUM 24 INCH BURIAL DEPTH). PROVIDE LIQUIDTITE FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO ALL OUTDOOR EQUIPMENT.
 - 7 PROVIDE A REDUCED GROUND CONDUCTOR FOR ALL FEEDERS AND BRANCH CIRCUIT WIRING. THE GROUND CONDUCTOR SHALL BE COPPER IF THE CIRCUIT CONSISTS OF MULTICONDUCTOR CABLE. THE GROUNDING CONDUCTOR SHALL BE A BARE CONDUCTOR CONTAINED WITHIN THE CABLE ASSEMBLY, OTHERWISE THE GROUNDING CONDUCTOR SHALL BE AN INSULATED CONDUCTOR CONTAINED WITHIN THE SAME RACEWAY AS THE CURRENT-CARRYING CONDUCTORS. NOTE THAT IN GENERAL THIS CONDUCTOR IS NOT INDICATED ON PLANS FOR BRANCH CIRCUIT WIRING. IN ADDITION, GROUND ALL METALLIC RACEWAYS IN ACCORDANCE WITH THE NEC.
 - 8 FUSE SIZES WHICH ARE NOT NOTED ON THE DRAWINGS SHALL BE SELECTED TO COMPLY WITH THE RECOMMENDATIONS OF THE MANUFACTURER OF THE SERVED EQUIPMENT. 1" TUBULAR FUSES SHALL BE UL CLASS RK1 UNLESS OTHERWISE INDICATED. REQUIRED EXCEPT THAT CLASS RK5 FUSES SHALL BE UTILIZED FOR FUSED SWITCHES AT MECHANICAL EQUIPMENT.
 - 9 PANELBOARDS (OTHER THAN DISIBLE TYPE) SHALL BE OF CIRCUIT BREAKER CONSTRUCTION. WITH MOLDED CASE BREAKERS. PROVIDE A PANELBOARD DIRECTORY FOR EACH PANEL. DIRECTORIES SHALL BE TYPED, EXCEPT THAT "SPACES" AND "SPARES" SHALL BE HAND-LETTERED IN ERASABLE GRAPHITE PENCIL ON DIRECTORIES.
 - 10 NEUTRAL CONDUCTORS OF UP TO TWO BRANCH CIRCUITS (20 AMP RATED) ON SEPARATE PHASES MAY BE COMBINED IN HOMERUN WIRING, EXCEPT WHERE OTHERWISE INDICATED.

#	MFG.	NAME	LAMP	DESCRIPTION
1	PROGRESS LIGHTING	P6557-31 BLACK (623 BASE)	(2) 7W COMP. FLUOR.	EXTERIOR WALL MOUNTED LUMINAIRE
2	TEKA	BSM-2246/NATURAL	100W A19	EXTERIOR WALL MOUNTED LUMINAIRE
3	TEKA	BWM-2046/NATURAL	100W A19	EXTERIOR WALL MOUNTED LUMINAIRE
4	TEKA	BWM-2118/NATURAL	75W PAR30	EXTERIOR WALL MOUNTED LUMINAIRE
5	METALUX	ARL-21415-TBW-SU/SD -UNV-EBT-U	F14T5	SURFACE FLUORESCENT LAMINAR
6	COLUMBIA	LUN-4-1-40-LE-120-SSLTP	40W, T12	ENCLOSED & GASKETED FIBERGLASS INDUSTRIAL FLUORESCENT
7	LIGHTOLIER	1146	PAR 38, 100W	LYTECASTER INTERIOR DOWN LIGHT
8	LIGHTOLIER	1151	PAR 38, 150W	LYTECASTER EXTERIOR DOWN LIGHT
9	METALUX	SS-220-120V-EB81-U	20W, T8	24" FLUORESCENT STRIP
10	SURE-LITES	CCX-71-RWDRH - V52	LED LITE SIX	CCX SERIES EXIT LIGHTING - SELF POWERED

LIGHT FIXTURE SCHEDULE

LOAD SUMMARY

LOADS AT PANELBOARD *M*:

15000 VA
3750 VA
36000 VA
2340 VA
0 VA
700 VA

PDDL EQ.
LIGHTING
WATER HEATER 18KV X 2
OUTLETS
MECHANICAL
WATER HEATER 2 KV X 4 (WINTER ONLY)
EP: 180/1

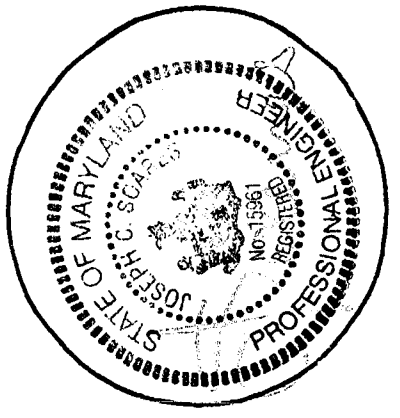
TOTAL - PBD. *M*:
57790 VA
241 AMPS

AT 120/240 VOLTS PH, THIS EQUATES TO

LOAD DESCRIPTION	CIRCUIT BREAKER AMP/POLE	CKT. NO.	CIRCUIT BREAKER AMP/POLE	LOAD DESCRIPTION
LIGHTING	20/1	1	20/1	OUTLETS
	20/1	3	20/1	
	20/1	5	20/1	
	20/1	7	20/1	
SPARE	20/1	9	20/1	
	20/1	11	20/1	
	20/1	13	20/1	EXHAUST FANS
WH (#10)	30/1*	15	20/1	SUPPLY FANS
WH (#10)	30/1*	17	20/1	SPARE
WH (#10)	30/1*	19	20/1	
WH (#10)	30/1*	21	22	SPACE FOR P.E.
HHW (#5)	100/2*	23	24	
		25	26	
HHW (#5)	100/2*	27	28	
		29	30	
SPACE		31	32	
		33	34	
		35	36	
		37	38	
		39	40	

* PROVIDE HANDLE LOCKOUT DEVICE

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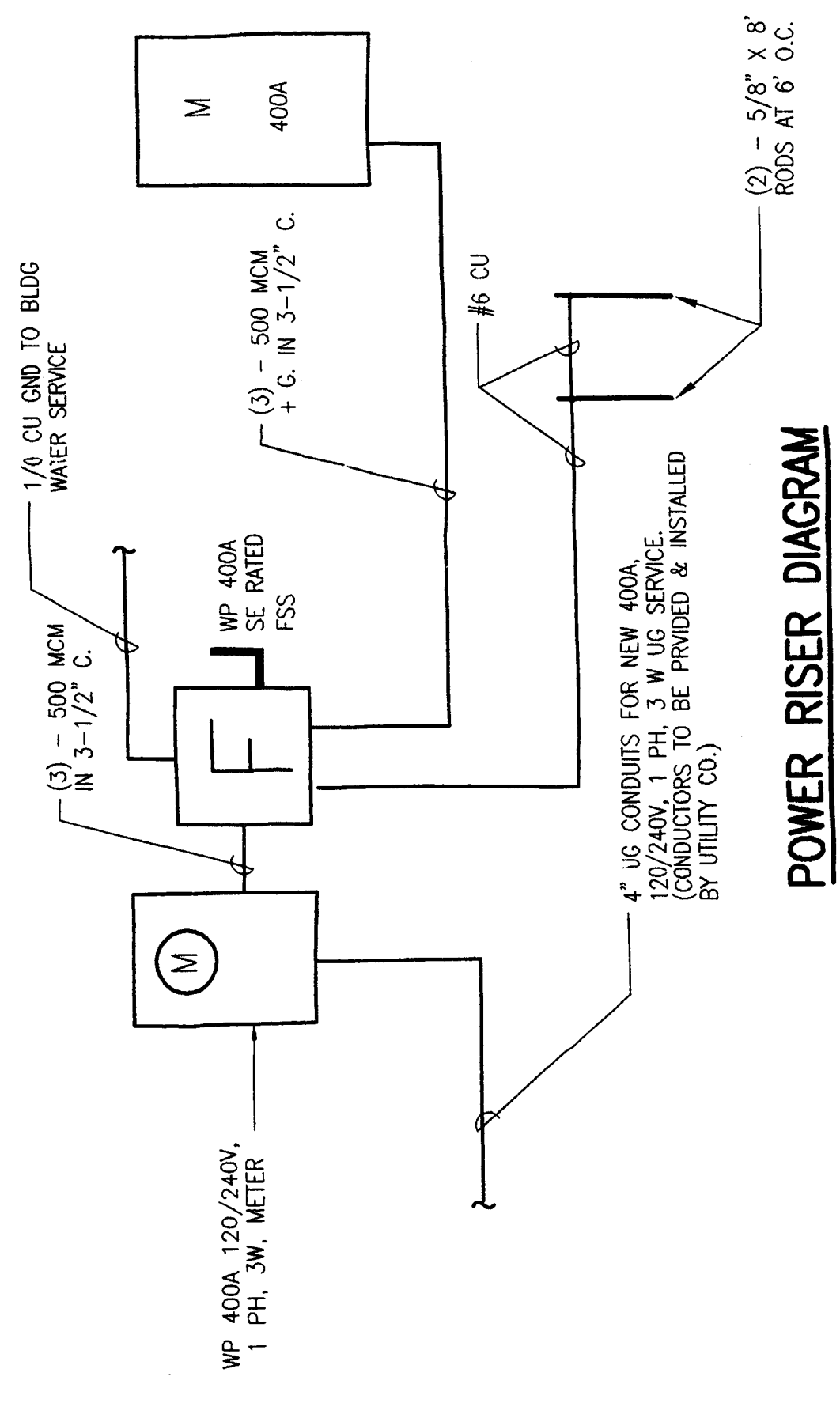
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PROGRESS PRINTS

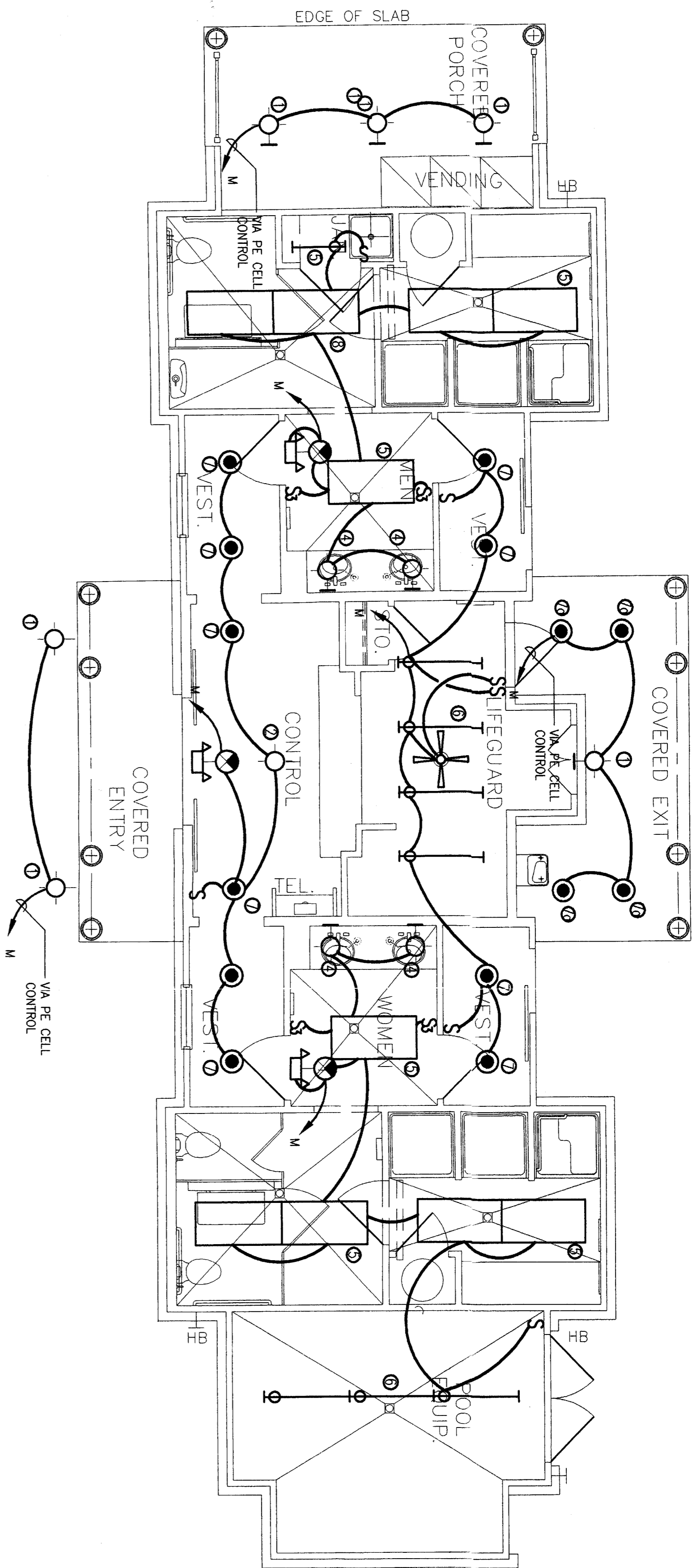
DATE	TO	ISSUED

Drawn By: _____

SYMBOLS & NOTES

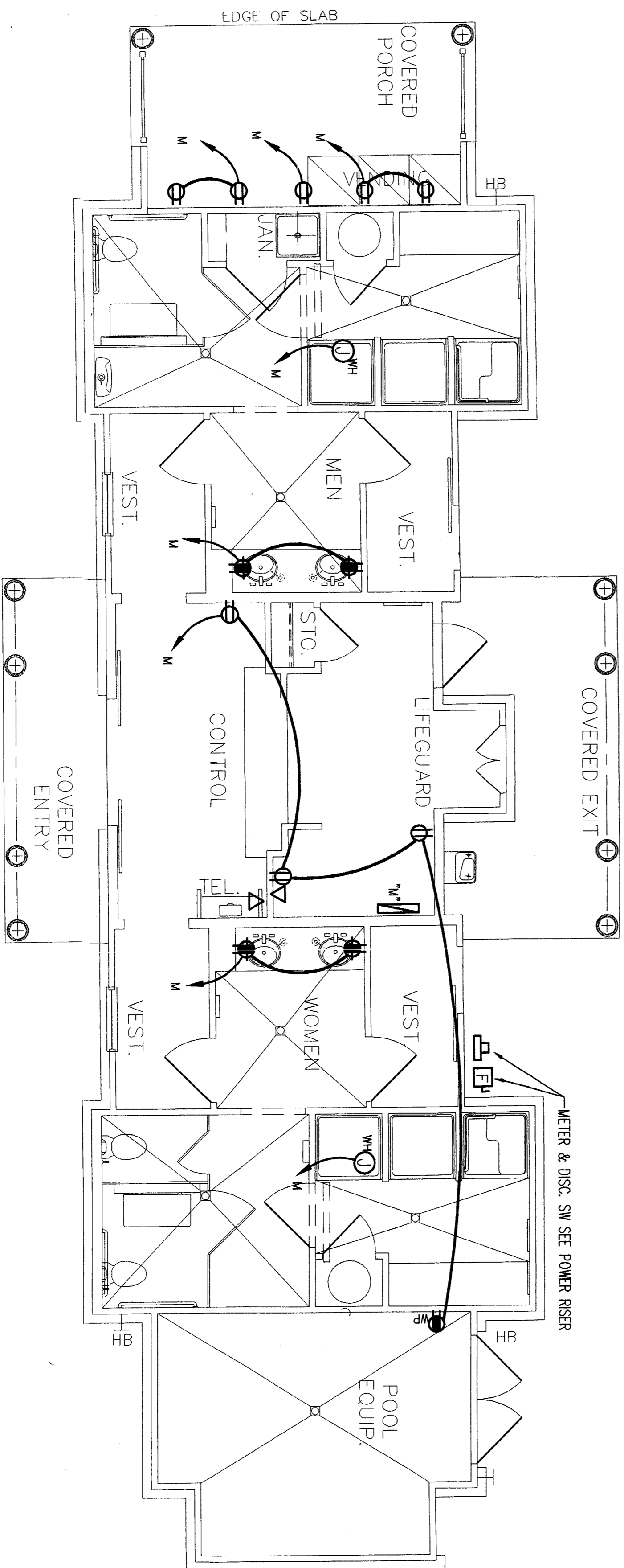


A B C D E



FLOOR PLAN

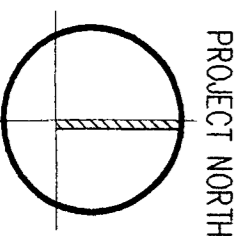
1/4"=1'-0" 2



FLOOR PLAN

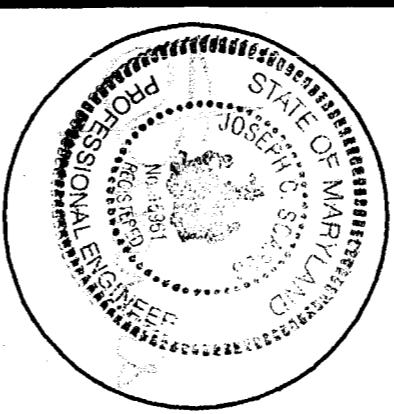
1/4"=1'-0" 1

JCS ENGINEERING, INC.
 5945 WESTWOOD CIRCLE, SUITE 502
 VIENNA, VIRGINIA 22182
 TEL: (703)985-0012



ARCHITECTURAL
 DESIGN
 GROUP, INC.

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CHAPEL GROVE

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 WINCHESTER HOMES

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REVISIONS AFTER ISSUED		
NUMBER	DATE	ISSUED
1	04-24-03	

PROGRESS PRINTS		
DATE	TO	ISSUED

DRWING BY:	
CHECKED BY:	
DATE:	
PROJECT:	
SHEET #:	
SHEET OF:	

