

MODULAR TOILET BUILDINGS -(1) 12' X 40' (MODELS 'A', 'B', 'C' AND 'D') AND OPTIONAL WORKROOM 12' X 40' (MODEL 'E')

PC 04-112137

BY
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CLASS LEASING

SCI Job # 10568

GENERAL NOTES

- FIRE ALARM IS NOT PART OF THIS APPROVAL
- ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2010 CBC 705.3
- THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
- PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
- FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE SHEET S-0.1 STRUCTURAL SPECIFICATIONS
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
- EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2010 CBC.
- EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.

BUILDING DATA

NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	B: 12' x 40' BLDG
TYPE OF CONSTRUCTION:	VB
FLOOR LIVE LOAD:	<input type="checkbox"/> 50 PSF <input checked="" type="checkbox"/> 50+15 PSF PARTITION LOAD
ROOF LIVE LOAD:	20 PSF
FLOOR DEAD LOAD:	<input checked="" type="checkbox"/> WOOD FLOOR - 8 PSF <input type="checkbox"/> CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)
RAMP LIVE LOAD:	100 PSF
BUILDING AREA:	12x40' BLDG - 480 SF (WITHOUT OVERHANGS) 12x40' BLDG - 470 SF (WITH OVERHANGS)
ALLOWABLE AREA:	950 SF
FOUNDATION:	<input checked="" type="checkbox"/> WOOD <input type="checkbox"/> CONCRETE
CEC CLIMATE ZONES:	1-16

The automatic fire sprinkler system for this PC has been designed for light hazard occupancies

WIND DESIGN DATA SECTION 1603.A.1.4

1. BASIC WIND SPEED, 3 SEC GUST (MPH):	100 / Kzt = 1.0		
2. WIND IMPORTANCE FACTOR:	1		
3. WIND EXPOSURE:	"C"		
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT:	± 0.18		
5. COMPONENTS AND CLADDING:			
ZONE 1 =	21.8	ZONE 4 =	21.3
ZONE 2 =	36.6	ZONE 5 =	26.3
ZONE 3 =	55.1		

APPLICABLE STANDARDS

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2010 EDITION
NFPA 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2010 EDITION
(NOTE: SEE UL STANDARD 1071 FOR "VISUAL DEVICES")

EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR:	1			
2. MAPPED SPECTRAL RESPONSE:				
S ₁ = 1.5 (FOR BASE SHEAR)	S ₂ = 0.954			
3. SITE CLASS:	D			
4. SPECTRAL RESPONSE COEFFICIENTS:				
S _{ds} = 1	S _{dh} = 0.95			
5. SEISMIC DESIGN CATEGORY:	E			
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM:	OMF / SHEARWALL			
7. DESIGN BASE SHEAR (kips):				
CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X	X	X		16.72
			X	12.27
X			X	22.06
	X		X	17.61
8. SEISMIC RESPONSE COEFFICIENT, C _s :	0.371			
9. RESPONSE MODIFICATION FACTOR, R:	3.5			
10. ANALYSIS PROCEDURE USED:	EQUVALENT LATERAL FORCES			

APPLICABLE CODES (AS OF JANUARY 1, 2011)

LIST OF 2010 CALIFORNIA CODE OF REGULATIONS
2010 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2010 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2, PART 2, TITLE 24 C.C.R.
(2009 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2009 IAPMO UNIFORM MECHANICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2009 IAPMO UNIFORM PLUMBING CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
(2008 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
2010 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2009 INTERNATIONAL FIRE CODE AND 2010 CALIFORNIA AMENDMENTS)
2010 CALIFORNIA GREEN CODE, PART 11, TITLE 24 C.C.R.
2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

SHEET INDEX		FOUNDATION	
SHT NO.	ARCHITECTURAL	SHT NO.	FOUNDATION
A-0	COVER SHEET	F-0.01	WOOD FOUNDATION PLAN - 12' x 40' (50 PSF)
A-0A	T & I FORMS	F-0.02	WOOD FOUNDATION PLAN - 12' x 40' (50+15 PSF)
A-0B	T & I FORMS	F-0.03	WOOD FOUNDATION PLAN - 12' x 40' (100 PSF)
A-0.0	BUILDING OPTIONS SCHEDULE	F-0.04	WOOD FOUNDATION PLAN - 12' x 40' (100 PSF)
A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE SCHEDULES	F-0.50	FOUNDATION DETAILS - WOOD
A-0.2	INSULATION VALUES	F-1.01	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
A-0.5A	TITLE 24 - PART 6 - ENERGY CALCS - ZONE 14	F-1.11	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
A-0.5B	TITLE 24 - PART 6 - ENERGY CALCS - ZONE 15	F-1.50	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
A-0.5C	TITLE 24 - PART 6 - ENERGY CALCS - ZONE 16	F-2.01	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
A-0.5D	TITLE 24 - PART 6 - LIGHTING CALCS - RESTROOMS	F-2.11	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
A-0.6	TITLE 24 - PART 6 - COMPLIANCE VALUES	F-2.50	CONCRETE FOUNDATION DETAILS - BELOW GRADE
A-1.01	FLOOR PLAN - "MODEL A-1" OR "MODEL A-2"	F-2.51	FOUNDATION DETAILS - CONCRETE
A-1.02	FLOOR PLAN - "MODEL B-1" OR "MODEL B-2"		
A-1.03	FLOOR PLAN - "MODEL C-1" OR "MODEL C-2"		
A-1.04	FLOOR PLAN - "MODEL D-1" OR "MODEL E"		
		SHT NO.	STRUCTURAL
A-2.01	REFLECTED CEILING PLAN - "MODEL A-1" OR "MODEL A-2"	S-0.1	STRUCTURAL SPECIFICATIONS
A-2.02	REFLECTED CEILING PLAN - "MODEL B-1" OR "MODEL B-2"	S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
A-2.03	REFLECTED CEILING PLAN - "MODEL C-1" OR "MODEL C-2"	S-1.11	FLOOR FRAMING PLAN - CONCRETE FLOOR
A-2.04	REFLECTED CEILING PLAN - "MODEL D-1" OR "MODEL E"	S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
A-2.20	CEILING DETAILS - T-GRID	S-1.80	FLOOR FRAMING DETAILS - CONCRETE FLOOR
A-2.21	CEILING DETAILS - HARDWID	S-2.01	ROOF FRAMING PLAN - 0.016" BUILT UP, OR TPO ROOF - MONO SLOPE
A-3.01	ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE	S-2.02	ROOF FRAMING PLAN - 0.020" BUILT UP, OR TPO ROOF - MONO SLOPE
A-3.02	ROOF PLAN - 0.020" METAL DECK - MONO OR DUAL SLOPE	S-2.11	ROOF FRAMING PLAN - 0.016" BUILT UP, OR TPO ROOF - DUAL SLOPE
A-3.03	ROOF PLAN - BUILT UP ROOF - MONO OR DUAL SLOPE	S-2.12	ROOF FRAMING PLAN - 0.020" BUILT UP, OR TPO ROOF - DUAL SLOPE
A-3.04	ROOF PLAN - TPO ROOF - MONO OR DUAL SLOPE	S-2.50	ROOF FRAMING DETAILS - MONO SLOPE
A-3.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK	S-2.51	ROOF FRAMING DETAILS - DUAL SLOPE
A-3.51	ROOF DETAILS - 0.020" STANDING SEAM ROOF DECK	S-2.80	ROOF FRAMING DETAILS
A-3.70	ROOF DETAILS - BUILT UP ROOF	S-3.01	BUILDING SECTION - MONO SLOPE ROOF
A-3.80	ROOF DETAILS - TPO ROOF	S-3.02	BUILDING SECTION - DUAL SLOPE ROOF
A-4.01	EXTERIOR ELEVATIONS - "MODEL A-1" - MONO OR DUAL SLOPE	S-3.03	BUILDING SECTION - 0.020" BUILT UP, OR TPO ROOF - MONO SLOPE
A-4.02	EXTERIOR ELEVATIONS - "MODEL A-2" - MONO OR DUAL SLOPE	S-3.04	BUILDING SECTION - 0.020" BUILT UP, OR TPO ROOF - DUAL SLOPE
A-4.03	EXTERIOR ELEVATIONS - "MODEL B-1" - MONO OR DUAL SLOPE	S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS
A-4.04	EXTERIOR ELEVATIONS - "MODEL B-2" - MONO OR DUAL SLOPE	S-5.10	WALL FRAMING DETAILS - WOOD STUDS
A-4.05	EXTERIOR ELEVATIONS - "MODEL C-1" - MONO OR DUAL SLOPE	S-5.11	WALL FRAMING DETAILS - WOOD STUDS
A-4.06	EXTERIOR ELEVATIONS - "MODEL C-2" - MONO OR DUAL SLOPE	S-5.20	WALL FRAMING ELEVATIONS - STEEL STUDS
A-4.07	EXTERIOR ELEVATIONS - "MODEL D-1" - MONO OR DUAL SLOPE	S-5.30	WALL FRAMING DETAILS - STEEL STUDS
A-4.08	EXTERIOR ELEVATIONS - "MODEL E" - MONO OR DUAL SLOPE	S-5.31	WALL FRAMING DETAILS - STEEL STUDS
		SHT NO.	PLUMBING
A-5.01	CROSS SECTION - MONO SLOPE - 0.018" BUILT UP ROOF	P-1.01A	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL A-1" OR "MODEL A-2"
A-5.02	CROSS SECTION - DUAL SLOPE - 0.018" BUILT UP ROOF	P-1.01E	PLUMBING PLAN AND ISOMETRICS - ELEM. "MODEL A-1" OR "MODEL A-2"
A-5.03	CROSS SECTION - MONO SLOPE - 0.020" ROOF DECK	P-1.02A	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL B-1" OR "MODEL B-2"
A-5.04	CROSS SECTION - DUAL SLOPE - 0.020" ROOF DECK	P-1.02E	PLUMBING PLAN AND ISOMETRICS - ELEM. "MODEL B-1" OR "MODEL B-2"
A-5.05	CROSS SECTION	P-1.03A	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL C-1" OR "MODEL C-2"
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING	P-1.03E	PLUMBING PLAN AND ISOMETRICS - ELEM. "MODEL C-1" OR "MODEL C-2"
A-5.51	ARCHITECTURAL DETAILS - WOOD STUD - PLASTER	P-1.04A	PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL D-1"
A-5.52	ARCHITECTURAL DETAILS - WOOD STUD - 1 HOUR RATED	P-1.04E	PLUMBING PLAN AND ISOMETRICS - ELEM. "MODEL D-1"
A-5.53	ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING	P-2.01	PLUMBING DETAILS AND SCHEDULE
A-5.54	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER		
A-5.55	ARCHITECTURAL DETAILS - STEEL STUD - 1 HOUR RATED		
A-5.56	ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED		
		SHT NO.	MECHANICAL
A-6.01	ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS	M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS
A-6.70	ARCHITECTURAL DETAILS - FLOOR	M-1.01	MECHANICAL PLAN - WALL MOUNT "MODEL E"
A-6.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	M-2.01	MECHANICAL PLAN - ROOF MOUNT "MODEL E"
A-6.81	ARCHITECTURAL DETAILS - MISCELLANEOUS		
		SHT NO.	ELECTRICAL
A-8.01	INTERIOR ELEVATIONS - WALL MOUNTED	E-1.01	ELECTRICAL PLAN AND SCHEDULE - "MODEL A-1" OR "MODEL A-2"
A-8.02	INTERIOR ELEVATIONS - FLOOR MOUNTED	E-1.02	ELECTRICAL PLAN AND SCHEDULE - "MODEL B-1" OR "MODEL B-2"
		E-1.03	ELECTRICAL PLAN AND SCHEDULE - "MODEL C-1" OR "MODEL C-2"
		E-1.04	ELECTRICAL PLAN AND SCHEDULE - "MODEL D-1" OR "MODEL E"
		SHT NO.	RAMP
		R-1.01	STANDARD RAMP PLAN
		R-1.02	OFF SET RAMP PLAN
		R-1.03	RAMP LANDING
		R-1.04	STANDARD LANDING WITH STEPS
		R-2.01	STANDARD RAMP PLAN
		R-2.02	RAMP DETAILS
		R-3.01	STANDARD CONCRETE RAMP AND DETAILS
		SHT NO.	RELOCATABLE SHEETS
		REL-101	BUILDING RELOCATION DETAILS
		SHT NO.	FIRE SPRINKLER PLANS
		FS-1	12x40 TOILET PC
		FS-2	12x40 TOILET PC

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PROJECT NAME:

Class Leasing

SHEET TITLE:

COVER SHEET

TAVARES ASSOCIATES

REGISTERED ARCHITECT

12/23/2011

ARCHITECT OF RECORD

IDENTIFICATION STAMP

APPROX 115891

DATE 12/21/11

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

PC 04-112137

DATE DEC 29 2011

REVISIONS

SS: P. R. O'NEIL

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 6-17-11

P.C. SHEET NUMBER

A-0

SCANNED

SCANNED