

JDO Dyer

Architecture Engineerin

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



G.O. DYER
NO. 934

THIS DOCUMENT, AND THE DOCUMENT, AND THE DOCUMENT, AND THE DOCUMENT OF PROFESSIONAL STREET, AND AND THE PROFESSIONAL AND A NOTICE BELLED. IN WHOCH CALL PURPLE, AND A NOTICE DE LIBERT OF WHOCH CALL PURP

Revisions

.

CABRILLO BUSINESS PARK BUILDING NO. 4

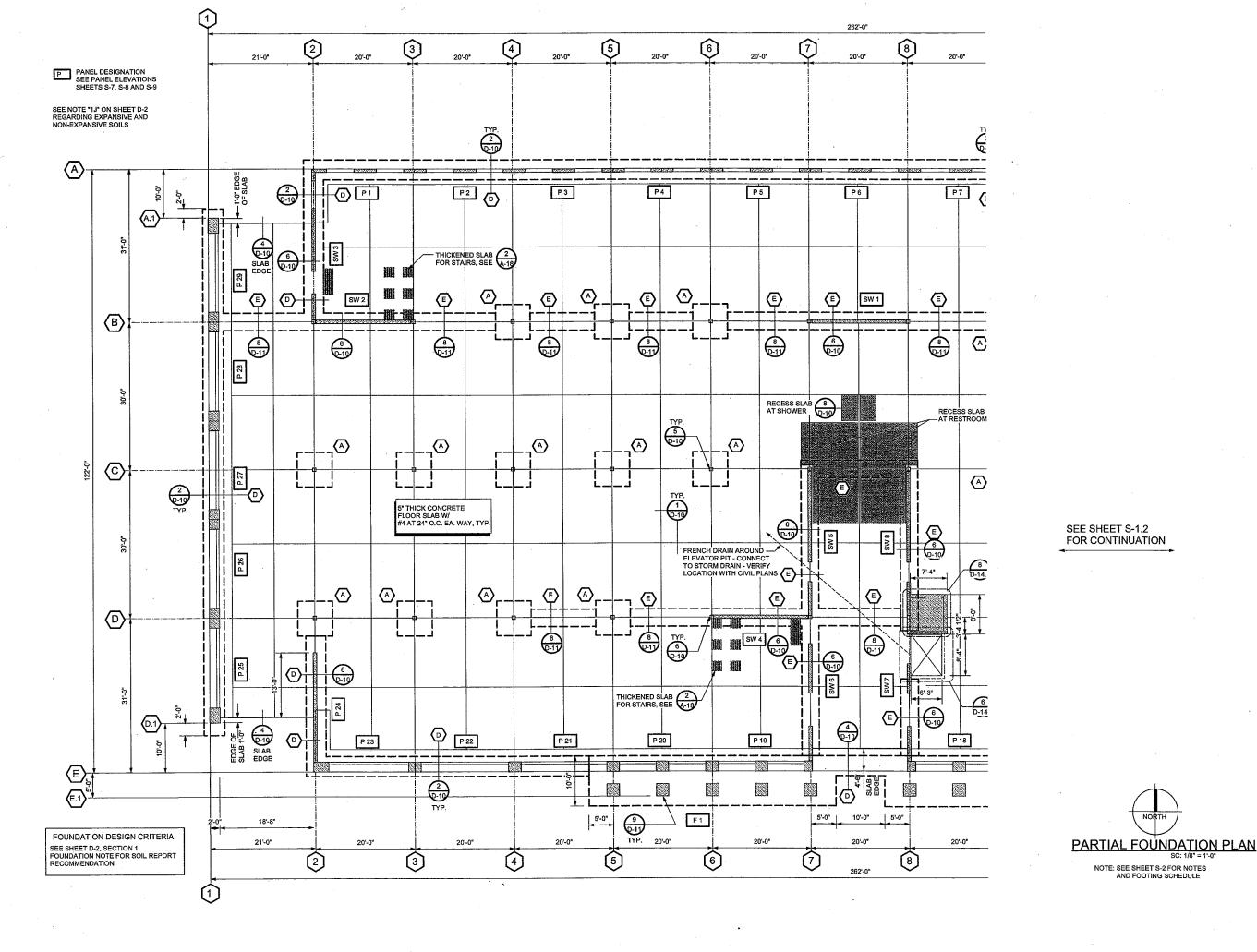
HOLLISTER AVE GOLETA, CA

<u>FOUDNATION</u> <u>PLAN</u>

Date: 11-18-0

Job: 0904

Sheet:



5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone B18. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



SEE SHEET S-1.2 FOR CONTINUATION

NOTE: SEE SHEET S-2 FOR NOTES

AND FOOTING SCHEDULE

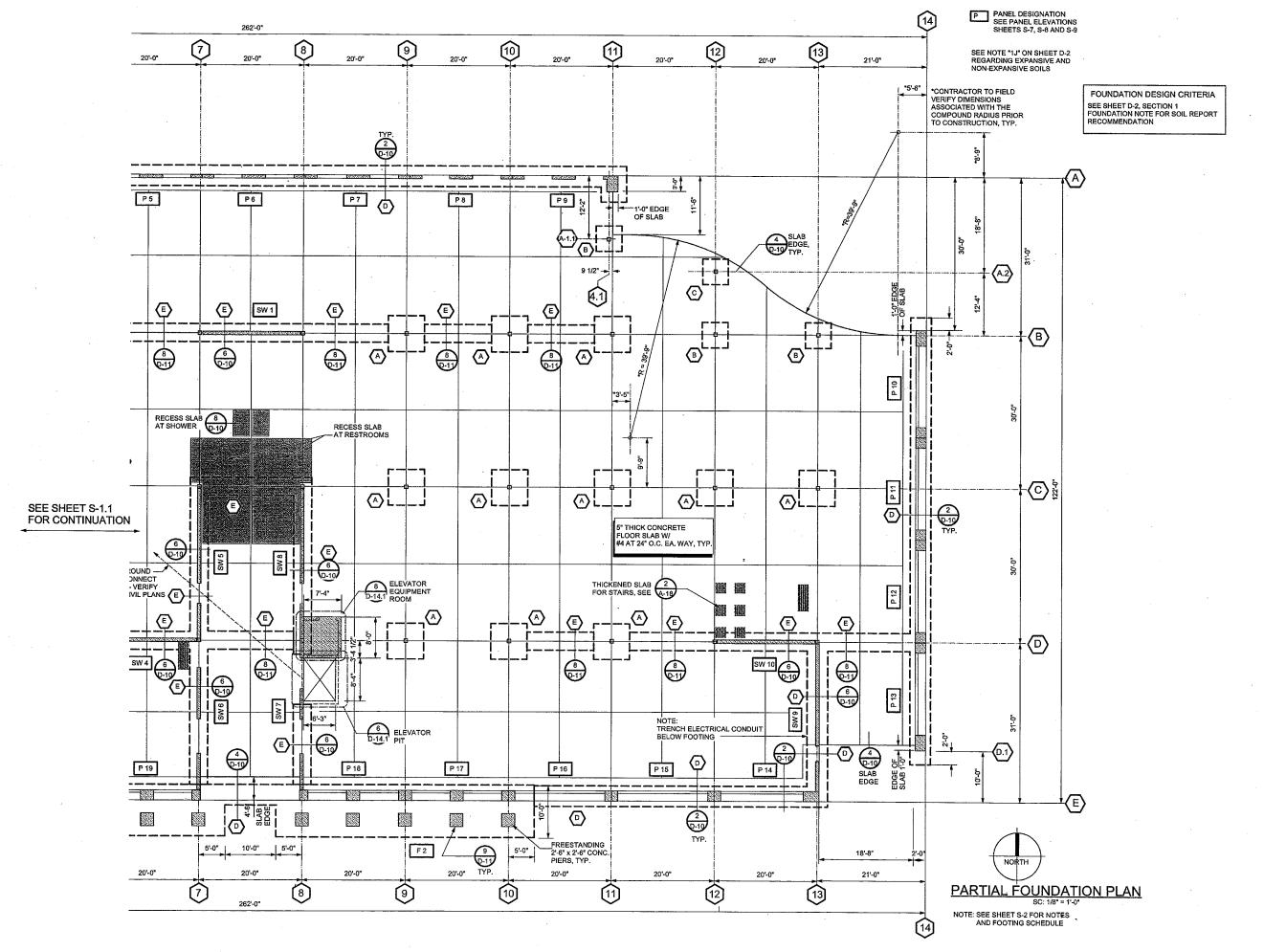
CABRILLO BUSINESS PARK **BUILDING NO. 4**

HOLLISTER AVE GOLETA, CA

<u>FOUDNATION</u> <u>PLAN</u>

11-18-09 0904

S-1.1



JDO Dyer

Archifecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453



VINCENT DYER C 12762



G.O. DYER

NO. 934

COUMEN, NO THE DESCRIP DESCRIP
IN AS AN INSTRUMENT OF INCRESSIONAL MICE. STIPLE OF IN MATE. STIPLE OF INCRESSIONAL MICE. STIPLE OF INCRESSION

Kevisions

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

FOUDNATION PLAN

> e: 11-18-09 : 0904

Drawn by;

Sheet:

S-1.2

THIS AREA INTENTIONALLY LEFT BLANK

FOUNDATION NOTES

- 1. FINISH FLOOR ELEVATION SHALL BE: 24.66' (VERIFY WITH GRADING PLAN)
- 2. CONCRETE FLOOR SLAB WITHIN BUILDING, INCLUDING POUR STRIP TO BE 5" THICK REINFORCED WITH #4 @ 24" O.C. EACH WAY PLACED 2" FROM THE TOP SURFACE OVER 4" CLEAN SAND BASE. PLACE 15 MIL STEGO WRAP MOISTURE BARRIER 2" BELOW TOP OF SAND LAYER PER SOILS REPORT. THE SAND IS TO BE MOISTENED JUST PRIOR TO PLACING CONCRETE. THE MOISTURE BARRIER IS TO BE INSTALLED AND TESTED PER MANUFACTURERS RECOMMENDATIONS (GEN. CONTRACTOR TO VERIFY). CONTRACTOR TO VERIFY SLAB SECTION WITH THE SOILS REPORT.

VAPOR BARRIER SHALL BE INSTALLED PER ASTM E 1643 STANDARD PRACTICE for INSTALLATION OF WATER VAPOR RETARDERS USED IN CONTACT WITH EARTH OR GRANULAR FILL UNDER CONCRETE SLABS.

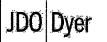
CONCRETE FLOOR SLAB FLATNESS SHALL NOT EXCEED 3/16" (5MM) IN 10'-0" AS REQUIRED BY ASTM F 710 FOR FLOORS RECEIVING RESILIENT FLOORING (TROWEL FINISH).

- 3. CUT CONTROL JOINT WITH POWER BLADE, TO BE DONE AS SOON AS POSSIBLE (WITHIN 4 TO 8 HOURS) AFTER THE SLAB HAS BEEN PLACED AND FINISHED. THE SURFACE OF CONCRETE SHALL BE FIRM ENOUGH NOT TO BE TORN OR DAMAGED BY THE BLADE. ANY RE-ENTRANT OF SKEWED CORNERS SHALL REQUIRE DIAGONAL CONTROL JOINTS TO PREVENT RUN OFF OF CRACKS TOWARD THE EDGES. THE PATTERN OF CONTROL JOINTS SHALL BE REVIEWED AND MODIFIED BY THE STRUCTURAL ENGINEER, IF THE CONTRACTOR CANNOT MEET THIS SCHEDULE.
- 4. TOP OF FOOTING TO BE PLACED 2" BELOW BOTTOM OF TILT-UP PANELS. (2 3 10-10) (0-10)



- 5. THE SAND BASE SHOULD BE CLASSIFIED AS A CLEAN SAND WITH LESS THAT 5% FINES IN ACCORDANCE WITH ASTMD2488-93.
- 6. PROVIDE (2) #4 x 4'-0" LONG DIAGONAL BARS AT RE- ENTRANT CORNERS 6" APART & WITHIN 2" OF CORNER
- 7. ALL LONGITUDINAL BARS IF DISCONTINUED SHALL HAVE MINMUM 36" EMBEDMENT INTO ADJACENT FOOTING
- 8. THE GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE THE FOUNDATION PLAN FOR CONFORMATION WITH THE INTENT OF THE SOILS INVESTIGATION REPORT PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT.
- 9. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED TWO (2) DAYS IN ADVANCE TO OBSERVE SITE CLEANING OR GRADING OPERATIONS AND THE STRIPPING OF DELETERIOUS MATERIAL.
- 10. THE GEOTECHNICAL ENGINEER SHALL REVIEW THE SOIL CONDITION AFTER FOUNDATION EXCAVATION AND SUBMIT SUBGRADE VERIFICATION REPORT TO JDO / Dyer, LLP.
- 11. THE CONTRACTOR SHALL DISTRIBUTE THE LOAD ON THE SLAB DURING RIGGING AND ERECTION OPERATION OF THE PANELS TO PREVENT CRACKING OF THE SLAB AND YIELDING OF THE SUB-GRADE.
- 12. ALL FOUNDATION EXCAVATIONS MUST BE OBSERVED AND APPROVED BY THE PROJECT ENGINEERING GEOLOGIST AND / OR PROJECT GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL.

| COLUMN & FOOTING SCHEDULE | | | | | | |
|---------------------------|-----------------------------|----------------|-------|--|-------------------------------------|--|
| MARK | COLUMN / WALL | FTG. | тнк. | REINFORCEMENT | REMARKS | |
| $\langle \hat{A} \rangle$ | HSS 8 x 8 x 1/4 | 7'-0" SQ. | 27" | #5 AT 12" O.C. EA. WAY TOP AND BOTTOM | | |
| B | HSS 8 x 8 x 1/4 | 6'-0" SQ. | 27" | #5 AT 12" O.C. EA. WAY TOP AND BOTTOM | | |
| \odot | HSS 8 x 8 x 1/4 | 4'-0" SQ. | 27" | #5 AT 12" O.C. EA. WAY TOP AND BOTTOM | | |
| (| CONCRETE WALL (EXTERIOR) | 4'-0" CONT. | 1'-5" | #5 AT 12" O.C. EA. WAY TOP AND BOTTOM | | |
| (E) | CONCRETE WALL (INTERIOR) | 5'-0" CONT. | 27" | #5 AT 12" O.C. EA. WAY TOP AND BOTTOM | PROVIDE #3 HOOP TIES AT 12" O.C. | |



5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453





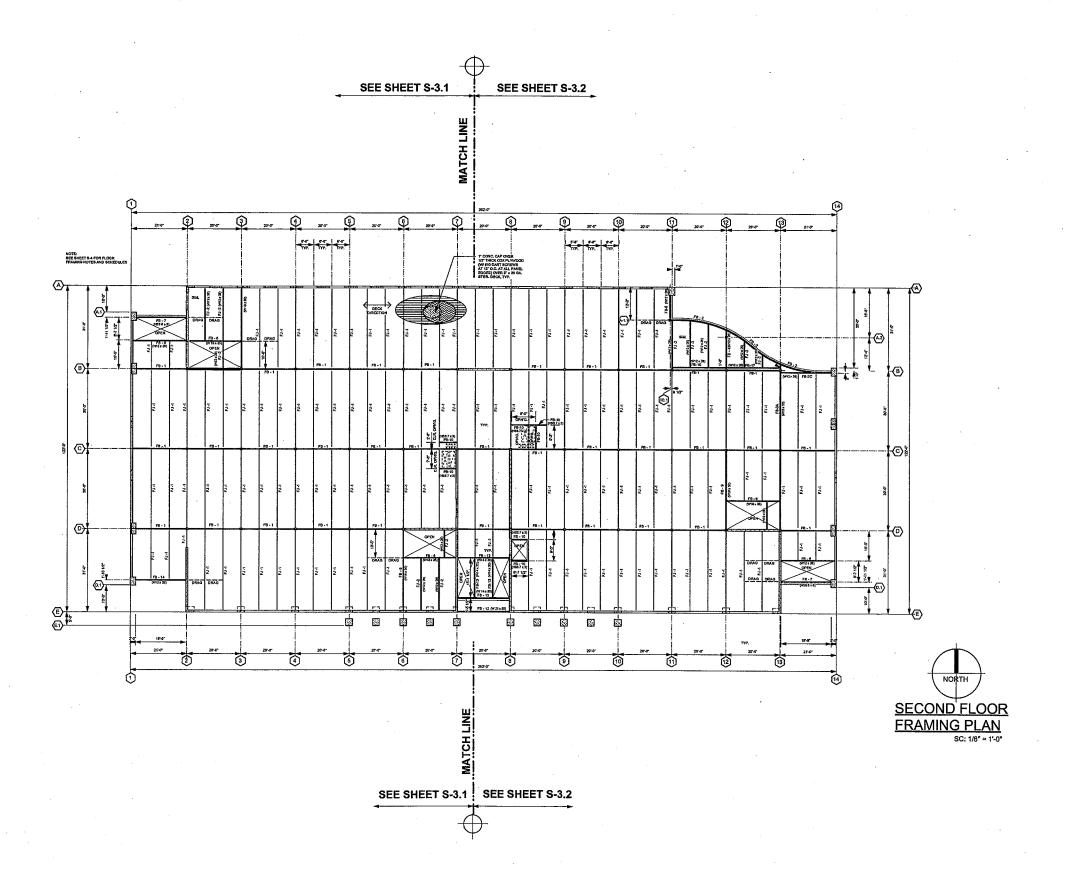
CABRILLO **BUSINESS PARK BUILDING NO. 4**

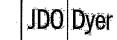
HOLLISTER AVE GOLETA, CA

FOUNDATION NOTES AND SCHEDULE

11-18-09

0904





Architecture Engine

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453



VINCENT DYER C 12762



G.O. DYER
NO. 934
THIS COCUMENT, AND THE DEAS AND DESCRIBE
MEET, AS AN INSTRUMENT OF PROFESSIONAL
AND SHOOT OF BETTER AND ROSECT WITHOUT THE WESTER AUTHORIZATE
ANY ROSECT WITHOUT THE WESTER AUTHORIZATE
OF DOOLS WESTER

Revisions

.

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

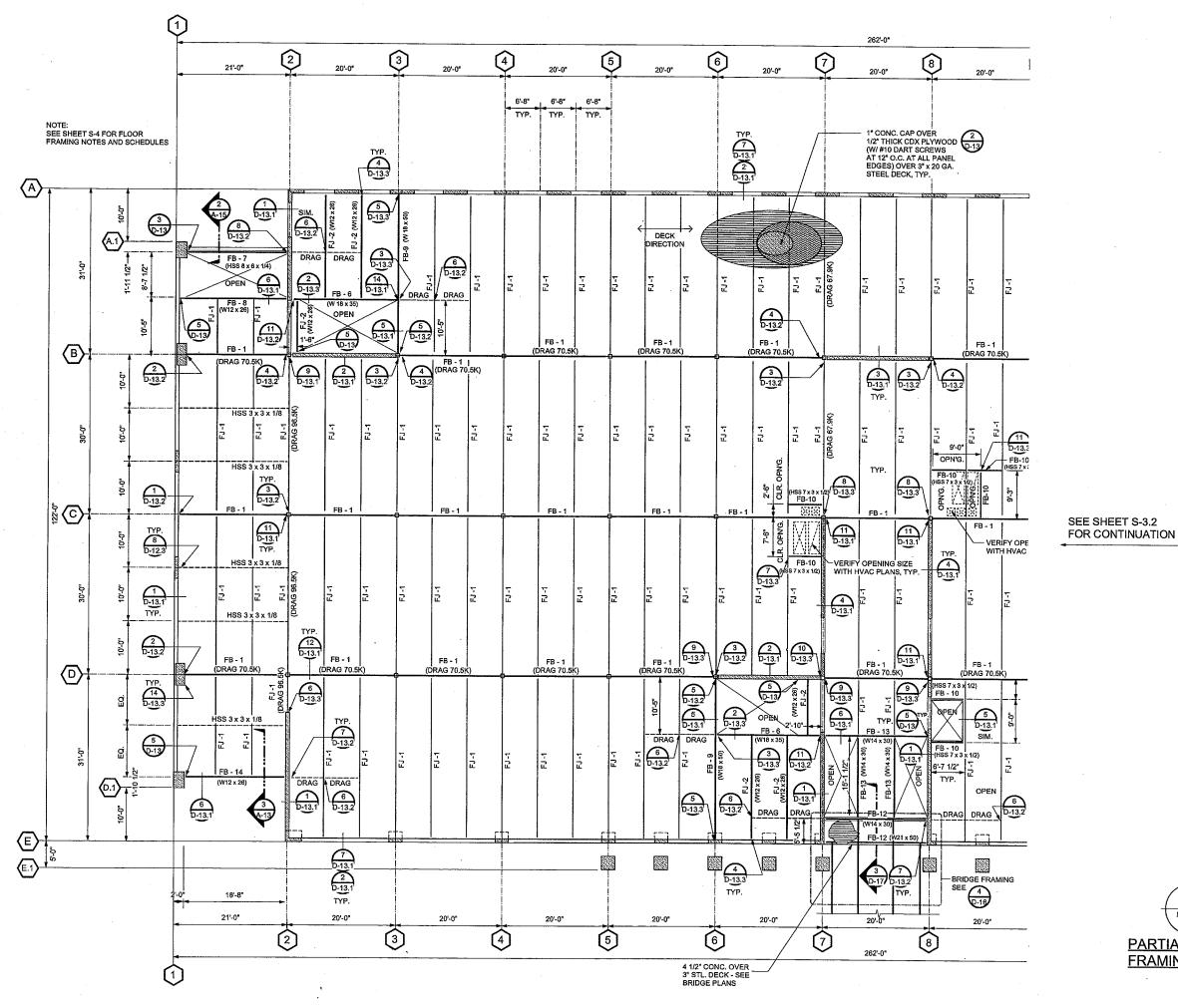
SECOND FLOOR FRAMING PLAN

> ie; 11-18-09

Job: 0904

Drawn by

Sheet:





Architecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



Revisions

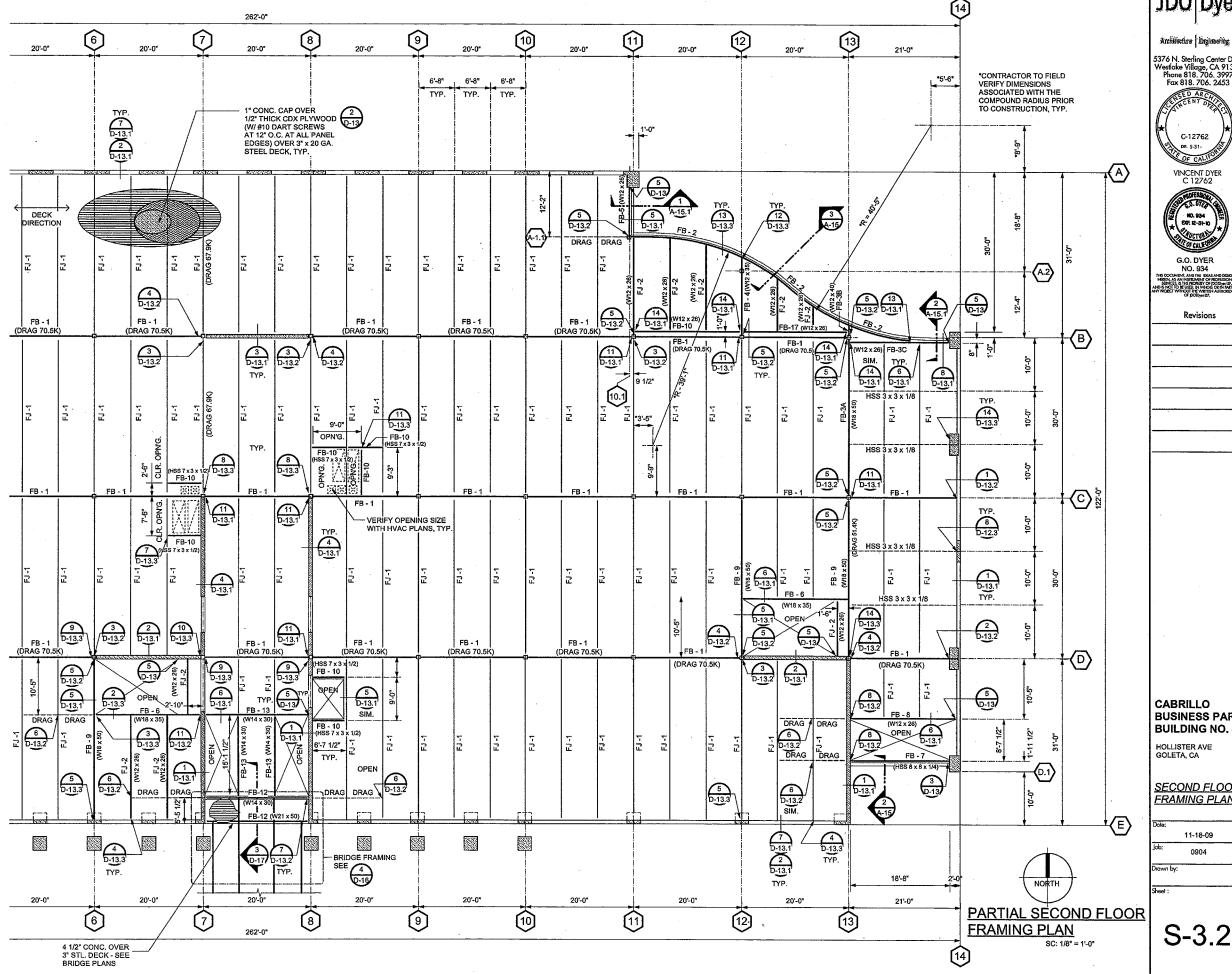
CABRILLO **BUSINESS PARK BUILDING NO. 4**

HOLLISTER AVE GOLETA, CA

SECOND FLOOR FRAMING PLAN

11-18-09 0904

S-3.1



SEE SHEET S-3.1 FOR CONTINUATION

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



G.O. DYER NO. 934

Revisions

BUSINESS PARK BUILDING NO. 4

SECOND FLOOR FRAMING PLAN

11-18-09 0904

S-3.2

| FLOOR BEAM SCHEDULE (FB) | | | | | | |
|--------------------------|-----------------------------|-------------------------------------|--|--|--|--|
| MARK | BEAM SIZE | REMARKS | | | | |
| FB-1 | 20 G3N 27.1 K | DRAG FORCE 51.0K U.N.O. ON PLANS | | | | |
| FB-2 | HSS 12 x 4 x 5/16 | | | | | |
| FB-3A | W18 x 50 | - | | | | |
| FB-3B | W12 x 40 | | | | | |
| FB-3C | W12 x 26 | | | | | |
| FB-4 | W12 x 35 | | | | | |
| FB-5 | W12 x 26 | | | | | |
| FB-6 | W18 x 35 | | | | | |
| FB-7 | HSS 8 x 6 x 1/4 (L.S.V.) | - | | | | |
| FB-8 | W12 x 26 | | | | | |
| FB-9 | W18 x 50 | - | | | | |
| FB-10 | HSS 7 x 3 x 1/2 (L.S.H.) | | | | | |
| FB-11 | NOTUSED | | | | | |
| FB-12 | W21 x 50 | | | | | |
| FB-13 | W14 x 30 | | | | | |
| FB-14 | W12 x 26 | | | | | |
| FB-15 | NOT USED | | | | | |
| | | | | | | |

| FL | OOR BEAM SO | CHEDULE (FB) |
|-------|---------------------------------|--------------------------------------|
| MARK | REMARKS | |
| FB-16 | W12 x 26 | 4 |
| FB-17 | W12 x 26 | _ |
| FJ-1 | 20 LH (847 / 567) (OPEN WEB) | DRAG FORCE 10.0 K U.N.O. ON PLANS |
| FJ-2 | W12 x 26 | |

- DEFERRED SUBMITTAL: STEEL JOISTS AND JOIST GIRDERS

 1. THE STEEL JOIST MANUFACTURER SHALL SUBMIT SHOP DRAWING'S (JOIST AND JOIST GIRDER PLACEMENT PLANS) TO BE REVIEWED BY THE ENGINEER OF RECORD. DYON REVIEW, (3) THREE SETS OF THE PLACEMENT PLANS AND STRUCTURAL DESIGN CALCULATIONS SHALL BE SUBMITTED TO THIS OFFICE AND THE ENGINEER OF RECORD SHALL AFFIX:
 - a) A PROFESSIONAL ENGINEERS SEAL AND SIGNATURE TO THE PLACEMENT PLAN.
 b) A "REVIEWED" STAMP AND SIGNATURE TO THE CALCULATIONS (THE CALCULATIONS SHALL HAVE THE SEAL AND SIGNATURE OF THE ENGINEER RESPONSIBLE FOR PREPARING THE CALCULATIONS).

THREE (3) SIGNED SETS WILL BE RETURNED TO THE CONTRACTOR, WHO WILL BE RESPONSIBLE FOR SUBMITTING TO BUILDING AND SAFETY FOR FINAL APPROVAL.

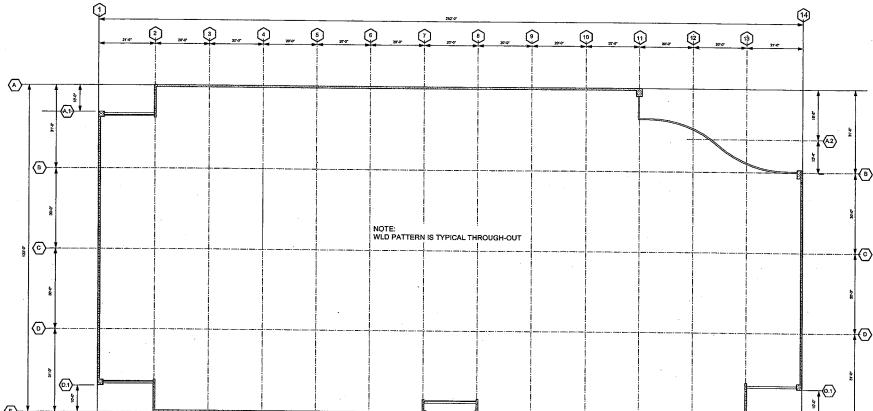
- DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEY HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
- JOISTS SHALL BE DESIGNED FOR OVER STRENGTH FACTOR (Ω_{\circ} = 2.5) AND SPECIAL LOAD COMBINATION (ASCE 7-05 SECT. 12.10.2.1 AND 12.4.3.2 AND CBC 2007 SECTION 1605.2 AND 1605.3.

ELOOR DESIGN LOADS 46 PSF (INCLUDES 15 PSF FLOOR DEAD LOAD: LIVE LOAD: 85 PSF

TOTAL LOAD:

LIVE LOAD

LIVE LOAD SHALL BE POSTED BY THE OWNER PER 2007 CBC SEC. 1603.3



2ND. FLOOR WELD PATTERN ZONE PLAN

(1)

FOR FLOOR DECK CONSTRUCTION SEE DETAIL BELOW.

(9)

- 5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL MECHANICAL EQUIPMENT WITH APPROVED MECHANICAL PLANS PRIOR TO CUTTING OF OPENING'S IN THE STEEL DECK.
- 6. PRIOR TO CASTING CONCRETE, OPENINGS SHALL BE FORMED WITH 20 GA. 1 1/2" HIGH EDGE FORM.
- 7. OPENING'S LESS THAN 6" DIA. AND CUTTING NO MORE THAN ONE WEB, DOES NOT REQUIRE REINFORCING
- OPENING'S LESS THAN 24 INCHES WIDE AND CUT PERPENDICULAR TO DECK WEB, SHALL REQUIRE 2 x 2 x 1/4 ANGLE AT UNDERSIDE OF DECK WELDED TO EA. WEB ON BOTH SIDES OF ANGLE AND SHALL EXTEND A MINIMUM OF (3) THREE WEB WIDTHS OR 24 INCHES BEYOND THE EDGE OF OPENING, WHICHEVER IS LARGER.
- 10. NO DUCT OR ELECTRICAL CONDUIT SHALL BE EMBEDDED IN THE CONCRETE TOPPING.
- 11. DECK SHALL BE INSTALLED TO REQUIRED ELEVATION.
- 13 CONTRACTOR TO VERIFY WITH JOIST VENDOR ALL AUXILLARY WEB REQUIREMENTS.

FRAMING NOTES:

(1)

- 2. FOR DECK WELDING PATTERN ZONES, SEE THIS SHEET.
- PLYWOOD SHEETS OVER STEEL DECK SHALL BE INSTALLED WITH #10 x 1" LONG DART BRAND SELF-TAPPING SCREWS WITH SHARP POINT, (I.C.B.O. # ER-5202) BY COMPASS INTERNATIONAL (714-739-1023) @ 12" O.C. EDGES AND 12" O.C. FIELD, U.N.O. ON WELD ZONE PATTERN PLAN.

 \odot

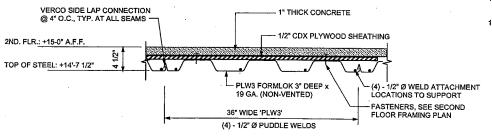
(12)

(13)

- THE CONTRACTOR SHALL COMPLY WITH THE LATEST CAL OSHA CONSTRUCTION AND ERECTION REGULATIONS.

- 9. OPENING'S MORE THAN 24 INCHES AND LESS THAN 3'-6" CUT PERPENDICULAR TO DECK WEB SHALL REQUIRE 1 1/2 x 3 x 1/8 STEEL TUBE PLACED ON TOP DECK (INSIDE FLUTES), WELDED AT EACH WEB WITH 1/8" FILLET WELD, 1/2 INCH LONG ON BOTH SIDES, EXTENDING FROM JOIST TO JOIST WITH FULL BEARING ON TOP CHORD. NO OTHER OPENING SIZES ARE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

- THE CONTRACTOR SHALL SCORE THE CONCRETE TOPPING AT 10'-0" MAX. EACH WAY AT TOP OF MAIN BEAMS OR GIRDERS.



(2)

FLOOR DECK CONSTRUCTION NOTES:

 $I = 1.075 \, \text{IN}^4 + S = 0.674 \, \text{IN}^3 - S = 0.683 \, \text{IN}^3$

UNLESS NOTED OTHERWISE ON FRAMING PLANS:

WELD PER PANEL AT SUPPORTS: (4) NUMBERS OF 1/2" Ø ARC SPOT PUDDLE WELDS PER 36" WIDE PANEL END.

PARALLEL TO DECK: 1/2"Ø PUDDLE WELD @ 12" O.C. (U.N.O.) ON PLANS.

0

(3)

A. FLOOR DECK SHALL BE PLW3-36 FORMLOK DECK, 3" DEEP, NON-VENTED, PHOSPHATIZED TOP SIDE AND PAINTED BOTTOM SIDE, MIN. GAGE 19 (U.N.O. ON WELD PATTERN ZONE PLAN) BY VERCO (I.C.B.O. #ER-2078P)

8. WELDING: DECK SHALL BE ATTACHED TO THE STRUCTURAL MEMBER AS PER MANUFACTURER'S RECOMMENDATION AND SHALL SATISFY THE FOLLOWING MINMUM REQUIREMENTS

SIDE LAP CONNECTION SHALL BE PER VERCO SIDELAP CONNECTION SYSTEM (VSC).
THE CONNECTION SHALL BE DONE BY PUNCHLOK TOOLS AND IS REFERRED TO IN PLANS AS
"VSC". SEE WELDING PATTERN ZONE PLAN FOR SPACING. (SPECIAL INSPECTION REQUIRED)

C. INSULATING CONCRETE: LIGHTWEIGHT INSULATING CONCRETE SHALL CONTAIN REDCOLITE CONCRETE AGGREGATE THAT CONFORMS TO ASTM C332, SHALL BE 1:2 MIX, AND SHALL NOT WEIGH MORE THAN 90 PCF DRY (110 PCF WET). THE COMPRESSIVE STRENGTH SHALL BE 1500 - 2000 PSI IN 28 DAYS. THE MIX SHALL CONTAIN 1 1/2 LBS. OF POLY-PROPYLENE P1510 PER SACK OF CEMENT, SUPPLIED BY HILL BROTHER CHEMICAL LOCATED IN THE CITY OF INDUSTRY, TEL. 1-800-322-4119.

(4)

(5)

(6)

 $\overline{(7)}$

FLOOR DECK CONSTRUCTION

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762

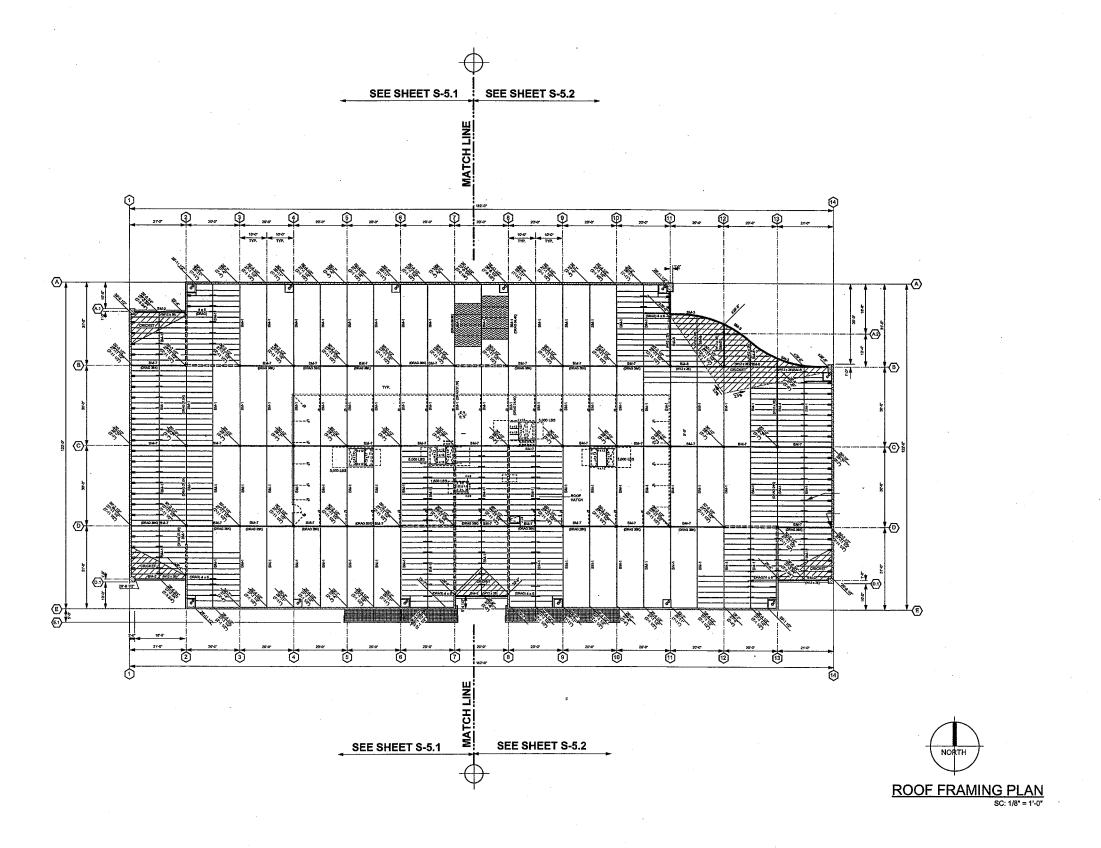


CABRILLO **BUSINESS PARK BUILDING NO. 4**

HOLLISTER AVE GOLETA, CA

2ND. FLOOR FRAMING NOTES & SCHEDULE

> 11-18-09 0904



JDO Dyer

Architecture Engin

5376 N. Sterling Center Drive Wesilake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



G.O. DYER

NO. 934

INSTRUCTION OF THE DEAS AND DESIGNANG THE THE SECOND OF THE DEAS AND DESIGNANG THE DEAS AND DESIGNANG THE DESIGNANG THE DESIGNANG THE WITHOUT THE WITHOUT HE WITHOUT HE WITHOUT HE WITHOUT WITHOUT THE WITHOUT WITH WITHOUT WITHOUT WITHOU

Revisions

.

CABRILLO BUSINESS PARK BUILDING NO. 4

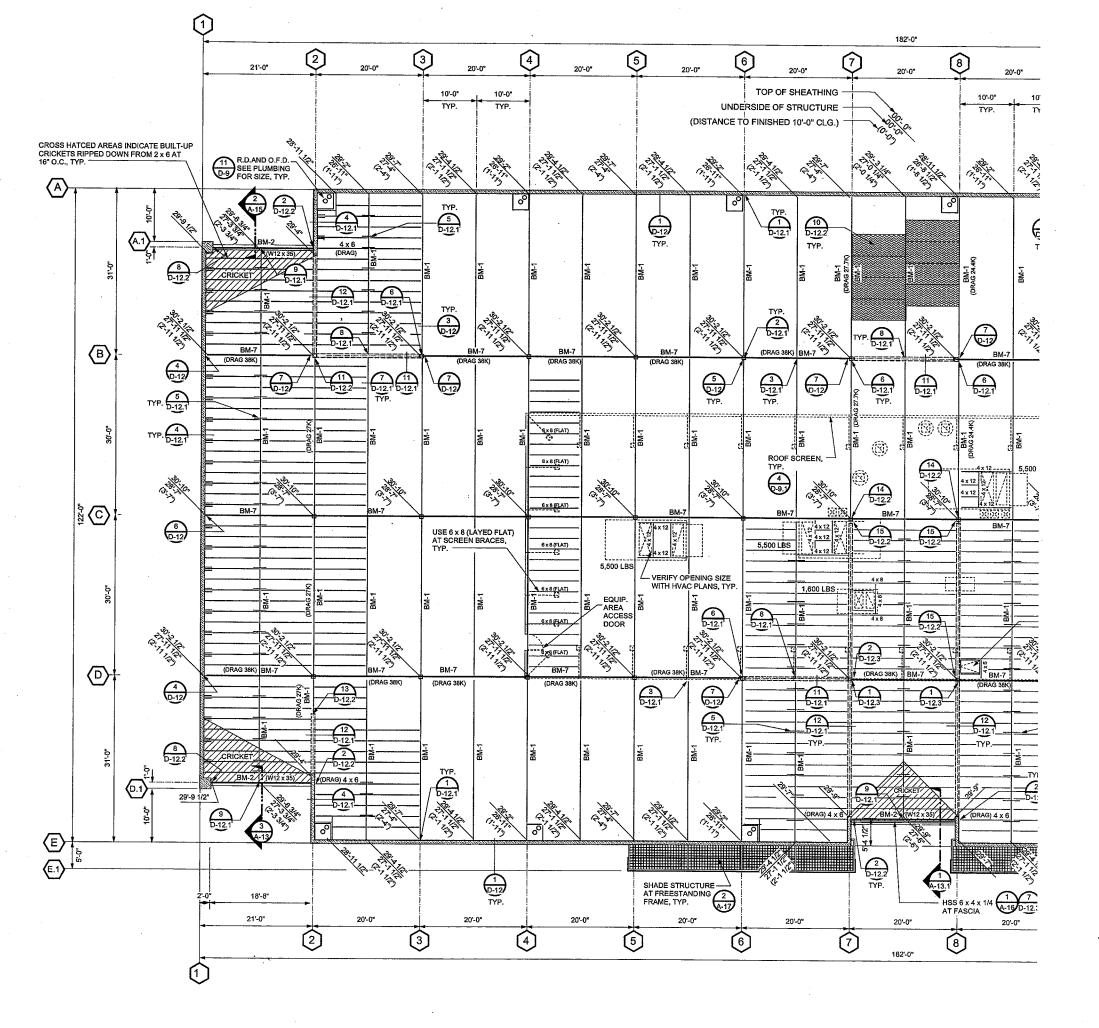
HOLLISTER AVE GOLETA, CA

ROOF FRAMING PLAN

Date: 11-18-09

Job: 0904

.____



SEE SHEET S-5.2 FOR CONTINUATION



NOTE: SEE SHEET S-6 FOR TYPICAL NOTES, BEAM SCHEDULE AND NAILING SCHEDULE JDO Dyer

Archibecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



G.O. DYER

NO. 934

DOCUMENT, MOTHE DUS AND DESCRIBEN, AS AN INSTEMENT OF PROFESSION SENCES, STREET BOOKEN OF DOCUMENTS OF DESCRIPTION OF DES

Revisions

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

<u>ROOF</u> <u>FRAMING PLAN</u>

Date: 11-18-09

b: 0904

Sheet

S-5.1

182'-0" (11) (13) 20'-0" 20'-0" 20'-0" 20'-0" 20'-0" 20'-0" 21'-0" P OF SHEATHING 10'-0" 10'-0" "CONTRACTOR TO FIELD VERIFY DIMENSIONS ASSOCIATED WITH THE COMPOUND RADIUS PRIOR TO CONSTRUCTION, TYP. FOF STRUCTURE SHED 10'-0" CLG.) 8 D-12.2 TYP. D-12.1 10 D-12.2 (1) (D-12) 3 A-15 -<u>1</u> -{A.2} D-12.2 D-12.2 TYP. 2 D-12.1 7 D-12.2 8 D-12.2 (T) (D-12) RAG 38K) BM-7 BM-7 $\overline{\langle B \rangle}$ (DRAG 36K) 3 -12.1 YP. 6 D-12.1 TYP. 7 D-12 11 D-12.1 6 D-12.1 (19) (19) D-12.1 (g) USE 6 x 8 (LAYED FLAT) AT SCREEN BRACES,— TYP. ROOF SCREEN, -6×8 (FLAT) D-12.2 5 p.12 D-12.1 6 D-12.2 14 D-12.2 6 D-12 6x8(FLAT) 0-12.2 (5) (D-12) i00 LBS 6 x 8 (FLAT) - VERIFY OPENING SIZE
WITH HVAC PLANS, TYPKS (FLAT) 1,600 LBS ;-5 D-12.1 TYP. 7 9 D-12.2 8 D-12.1 (4) (D-12) BM-7 BM-7 -(D) 6 D-12.1 - CROSS HATCED AREAS INDICATE BUILT-UP CRICKETS RIPPED DOWN FROM 2 x 6 AT 16" O.C., TYP. 5 D-12.1 TYP. 9 D-12.1 D-12.1 D-12.1 (1) (D-12) 8 D-12.2 8 D-12.2 HSS 6 x 4 x 1/4 A-16 D-12.3 18'-8" 20'-0" 20'-0" 20'-0" 20'-0" 21'-0" PARTIAL ROOF FRAMING PLAN 10) (8) 9 (11) 12 7 (13) SEE SHEET S-6 FOR TYPICAL NOTES, BEAM SCHEDULE AND 182'-0" 14 NAILING SCHEDULE

SEE SHEET S-5.1 FOR CONTINUATION

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fox 818, 706, 2453



VINCENT DYER C 12762



G.O. DYER NO. 934

Revisions

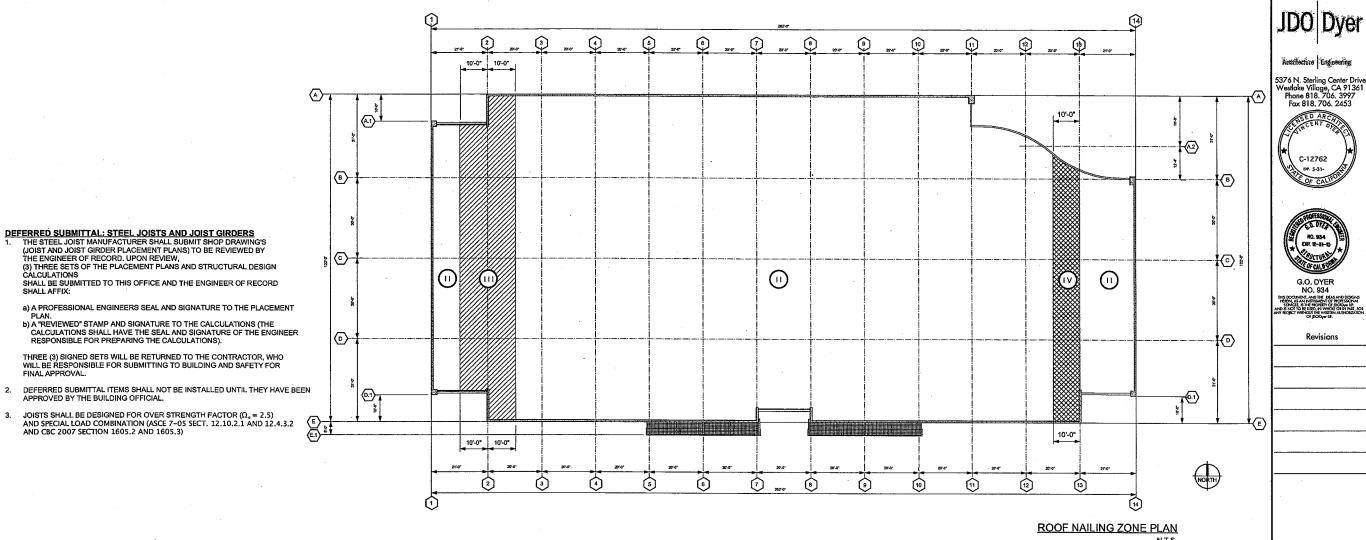
CABRILLO BUSINESS PARK **BUILDING NO. 4**

HOLLISTER AVE GOLETA, CA

<u>ROOF</u> FRAMING PLAN

> 11-18-09 0904

S-5.2



| | ROOF NAILING SCHEDULE | | | | | | | |
|------|------------------------------|--|-------------------|--------------------|---------|--|--|--|
| TYPE | MATERIAL AND GRADE | N A I L I N G (COMMON NAILS) BOUNDARY AND CONTINUOUS EDGES EDGES INTERIOR | | | REMARKS | | | |
| ľ | NOT USED | | | | | | | |
| 111 | 15/32" OSB STR. 1 BLOCKED | 10 d AT 4" O/C | 10 d AT 6" O/C | 10 d AT 12" O/C | | | | |
| EUF | 15/32" OSB STR. 1 BLOCKED | 10 d AT 2 1/2" O/C | 10 d AT 4" O/C | 10 d AT 12" O/C | | | | |
| 1V | 15/32" OSB STR. 1 BLOCKED | 10 d AT 2" O/C | 10 d AT 3" O/C | 10 d AT 12" O/C | | | | |

NOTE: ALL NAILS SHALL BE FULL HEAD COMMON NAILS

DEFERRED SUBMITTAL: STEEL JOISTS AND JOIST GIRDERS

1. THE STEEL JOIST MANUFACTURER SHALL SUBMIT SHOP DRAWING'S
(JOIST AND JOIST GIRDER PLACEMENT PLANS) TO BE REVIEWED BY

(3) THEE SETS OF THE PLACEMENT PLANS AND STRUCTURAL DESIGN CALCULATIONS

SHALL BE SUBMITTED TO THIS OFFICE AND THE ENGINEER OF RECORD SHALL AFFIX:

a) A PROFESSIONAL ENGINEERS SEAL AND SIGNATURE TO THE PLACEMENT PLAN.
b) A "REVIEWED" STAMP AND SIGNATURE TO THE CALCULATIONS (THE CALCULATIONS SHALL HAVE THE SEAL AND SIGNATURE OF THE ENGINEER RESPONSIBLE FOR PREPARING THE CALCULATIONS).

THREE (3) SIGNED SETS WILL BE RETURNED TO THE CONTRACTOR, WHO WILL BE RESPONSIBLE FOR SUBMITTING TO BUILDING AND SAFETY FOR

3. JOISTS SHALL BE DESIGNED FOR OVER STRENGTH FACTOR (Ω_{\circ} = 2.5) AND SPECIAL LOAD COMBINATION (ASCE 7-05 SECT. 12.10.2.1 AND 12.4.3.2 AND CBC 2007 SECTION 1605.2 AND 1605.3)

FINAL APPROVAL.

APPROVED BY THE BUILDING OFFICIAL.

| ROOF BEAM SCHEDULE | | | | | |
|--------------------|---------------------------------------|---|--|--|--|
| MARK | BEAM SIZE | REMARKS | | | |
| BM-1 | 24K 318 / 178 (OPEN WEB STEEL GIRDER) | DRAG FORCE 10.5 K U.N.O. ON FRAMING PLAN | | | |
| BM-2 | W 12 x 35 | | | | |
| BM-3 | HSS 12 x 4 x 5/16 | | | | |
| BM-4 | W 12 x 40 | | | | |
| BM-5 | W 12 x 26 | | | | |
| BM-6 | W 12 x 30 | | | | |
| BM-7 | 20G 2N9.3K (OPEN WEB STEEL JOIST) | DRAG FORCE 28.8 K U.N.O. ON FRAMING PLAN | | | |
| BM-8 | W 12 x 26 | | | | |
| | | | | | |

SPECIAL SEISMIC AXIAL LOAD REQUIREMENT

NO SPECIAL SEISMIC LOAD IS REQUIRED.

FOR TYPICAL ROOF JOISTS SEE SHEET D-2, STRUCTURAL NOTES.

ROOF DESIGN LOADS (BASED ON 2007 CALIFORNIA BUILDING CODE (2007 CBC)

ROOF LOAD: LIVE LOAD: 20 PSF DEAD LOAD: 18 PSF

SEISMIC FACTORS: SITE CLASS: E Fa = 0.9 Fv = 2.4 SDS = 1.00 SDI = 1.03 SEISMIC DESIGN CATEGORY: D OCCUPANCY CATEGORY: 11

WIND FACTORS: VS3 = 85 MPH IMPORTANCE FACTOR: 1.0 EXPOSURE CATEGORY: C **EXPOSURE ADJUSTMENT COEFFICIENT: 1.45** WORST CASE DESIGN WIND PRESSURE USED FOR DESIGN: 19.6 PSF UNIFORM

| 1. | FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL OR WIDER AND NAILS |
|----|--|
| | SHALL BE STAGGERED WHERE NAILS ARE SPACED 4" O.C. OR LESS AND WHERE |
| | 10d NAILS HAVE PENETRATION INTO FRAMING OF MORE THAN 1 1/2" AND ARE SPACED |
| | 3" O.C. OR LESS. |

2. ROOF SLOPE TO BE 1/4" / FOOT MIN.

ROOF FRAMING NOTES

- 3. JOIST MANUFACTURER SHALL PROVIDE BRACING AS REQUIRED TO ADEQUATELY BRACE ROOF JOISTS AND GIRDERS PER REQUIREMENT OF STEEL JOIST INSTITUTE.
- 4. FOR ROOF HEIGHTS SEE SHEET S-5.
- 5. NOT USED.
- 6. ALL 4 x 6 SUBPURLINS SHALL BE DELIVERED DRY WITH LESS THAN 19% MOISTURE.
- 7. ALL NAILING SHALL BE 10d COMMON UNLESS NOTED OTHERWISE.
- 8. SEE MECHANICAL PLANS FOR ALL ROOF OPENINGS AND MECHANICAL EQUIPMENT.
- THE STEEL JOIST MANUFACTURER SHALL DESIGN THE NAILER CONNECTION TO THE TOP CHORD PER THE REQUIREMENTS OF DIAPHRAGM SHEAR AND SEISMIC AXIAL LOAD. USE MINIMUM OF #14 DART SCREW @ 2 1/2" O.C. STAGGERED (5 IN. O.C. PER CHORD ANGLE).
- 10. ALIGN JOIST PANEL POINTS TO FACILITATE SPRINKLER BRANCH LINE PASSAGE.
- 11. JOIST MANUFACTURER TO PROVIDE AN AUXILIARY WEB MEMBER AT ALL CONCENTRATED LOADS NOT OCCURRING AT PANEL POINTS.
- LOADS IN EXCESS OF 250 LBS. LOCATED BETWEEN PANEL POINTS OF TOP CHORD OR ANY LOAD TO THE BOTTOM CHORD MUST HAVE AN AUXILLARY WEB MEMBER.
- 13. JOIST MANUFACTURER SHALL DESIGN JOISTS AND GIRDERS FOR NET UPLIFT FORCE OF 20 PSF.
- 15. 3 x OR 4 FRAMING MEMBERS or SUBPURLINS AS SHOWN IN NAILING SCHEDULE
- 16. 2×6 SUB-PURLINS IN F26N, 3×6 SUB-PURLINS IN F36N AND 4×6 SUB-PURLINS IN F46 HANGER. SEE FRAMING PLAN FOR LOCATION (UNLESS NOTED OTHERWISE AT WALL ANCHORS).

C-12762

G.O. DYER

HOLLISTER AVE GOLETA, CA

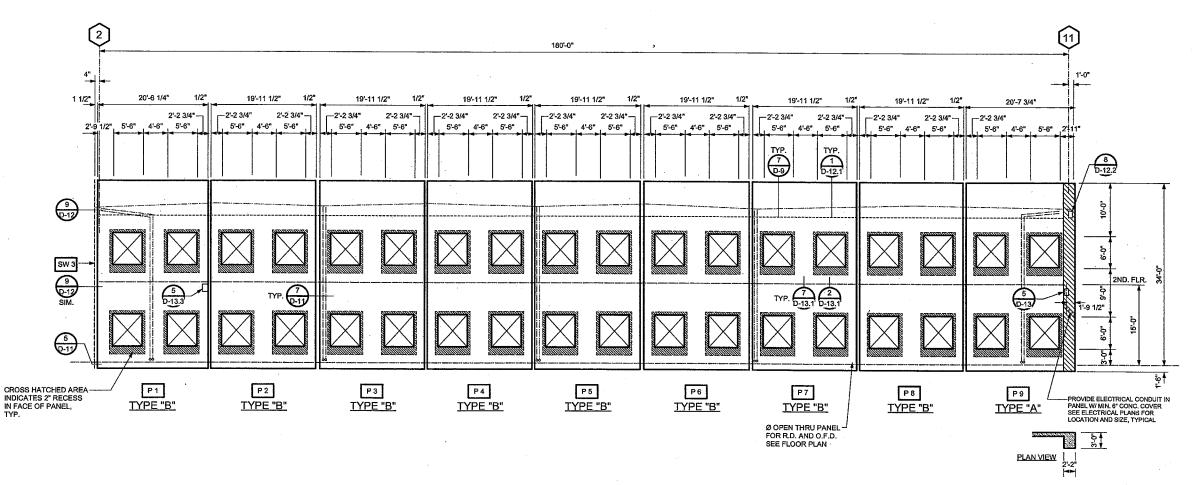
CABRILLO

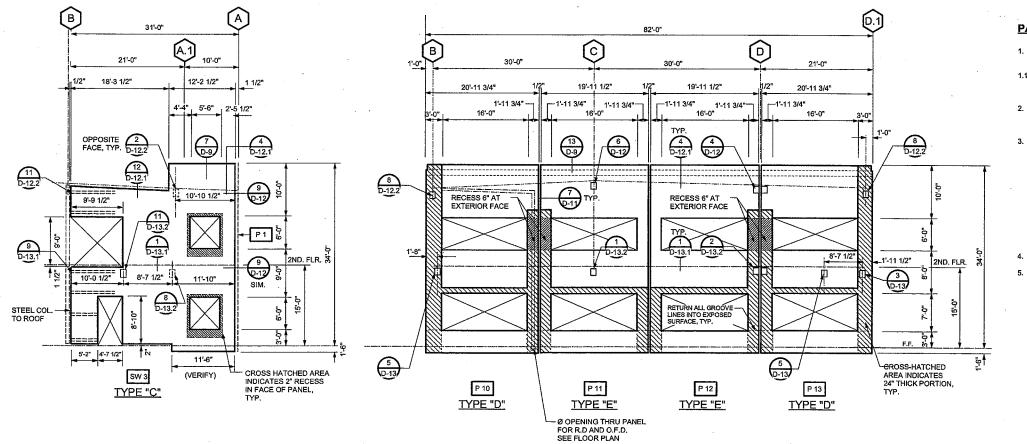
ROOF FRAMING NOTES & SCHEDULE

BUSINESS PARK

BUILDING NO. 4

| Dale: | 11-18-09 |
|-----------|----------|
| Job: | 0904 |
| Drawn by: | |





PANEL NOTES:

- ALL PANELS TO BE 8" THICK, UNLESS NOTED OTHERWISE ON PANEL ELEVATIONS (SEE CROSSED-HATCHED AREAS).
- 1.1 SEE EXTERIOR ELEVATIONS AND WALL SECTIONS FOR EXTERIOR GROOVE PLACEMENT CONTRACTOR TO VERIFY LOCATION AND DIMENSIONS PRIOR TO CONSTRUCTION.
- "TYP." MEANS TYPICAL FOR ALL SIMILAR CONDITIONS ON THIS SHEET, UNLESS SPECIFICALLY DETAILED AND/OR NOTED OTHERWISE.
- 3. CHORDS ARE TO BE FACE MOUNTED ROLLED STEEL
 ANGLES OR CHANNELS AS SHOWN ON THE ROOF NAILING ZONE PLAN
 AND PER REQUIREMENT OF DESIGN SHALL BE
 CONTINUOUSLY CONNECTED ACROSS THE PANEL
 JOINTS AND AT GIRDER LOCATIONS SEE DETAILS:



- 4. SEE SHEETS S-10, S-11 AND S-12 FOR TYPICAL PANEL TYPE REINFORCING.
- 5. PROVIDE ELECTRICAL CONDUIT IN PANELS (6" MIN. CONC. COVER) COORDINATE LOCATION WITH ELECTRICAL PLANS.

JDO Dye

Arctifecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453





Revisions

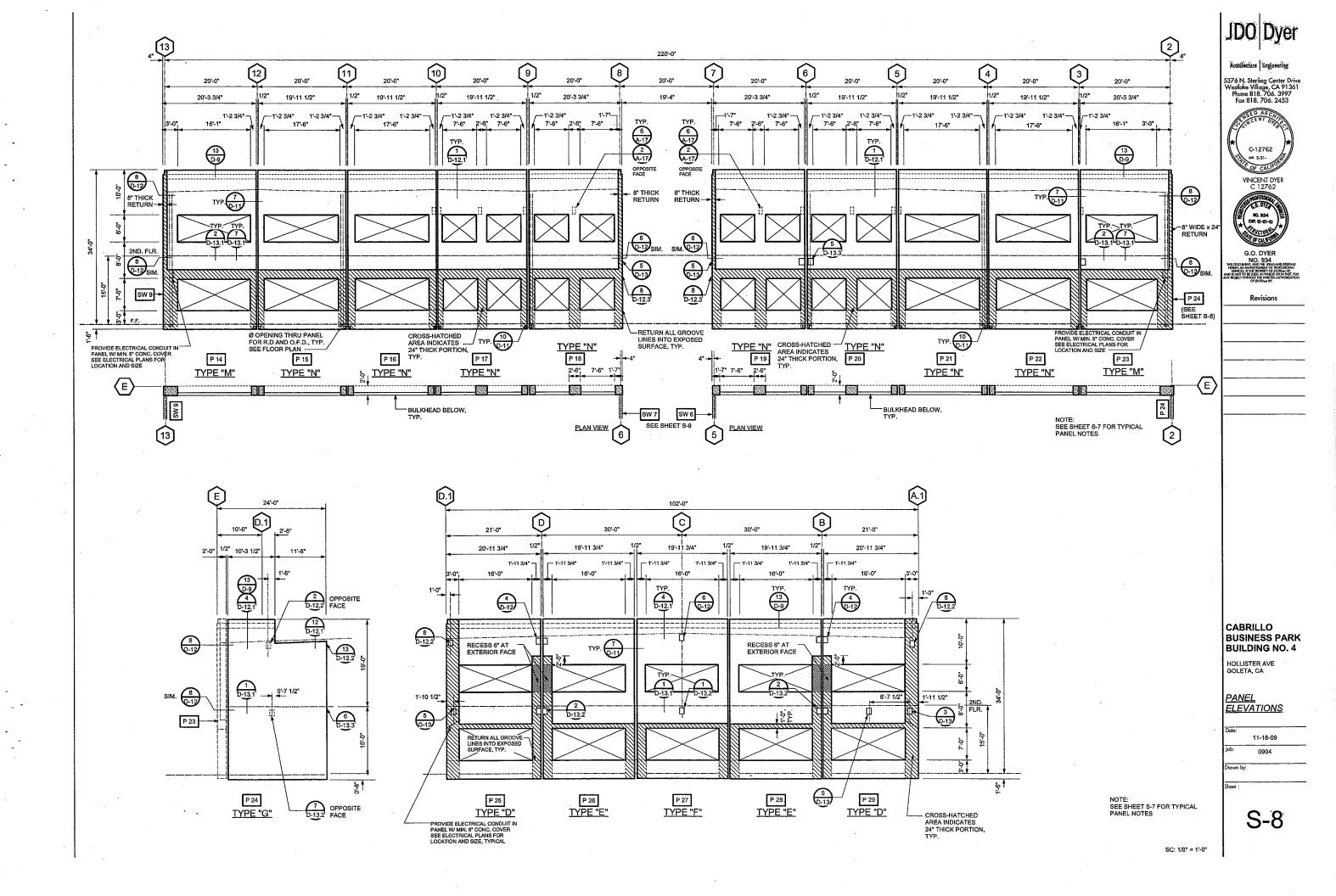
CABRILLO BUSINESS PARK BUILDING NO. 4

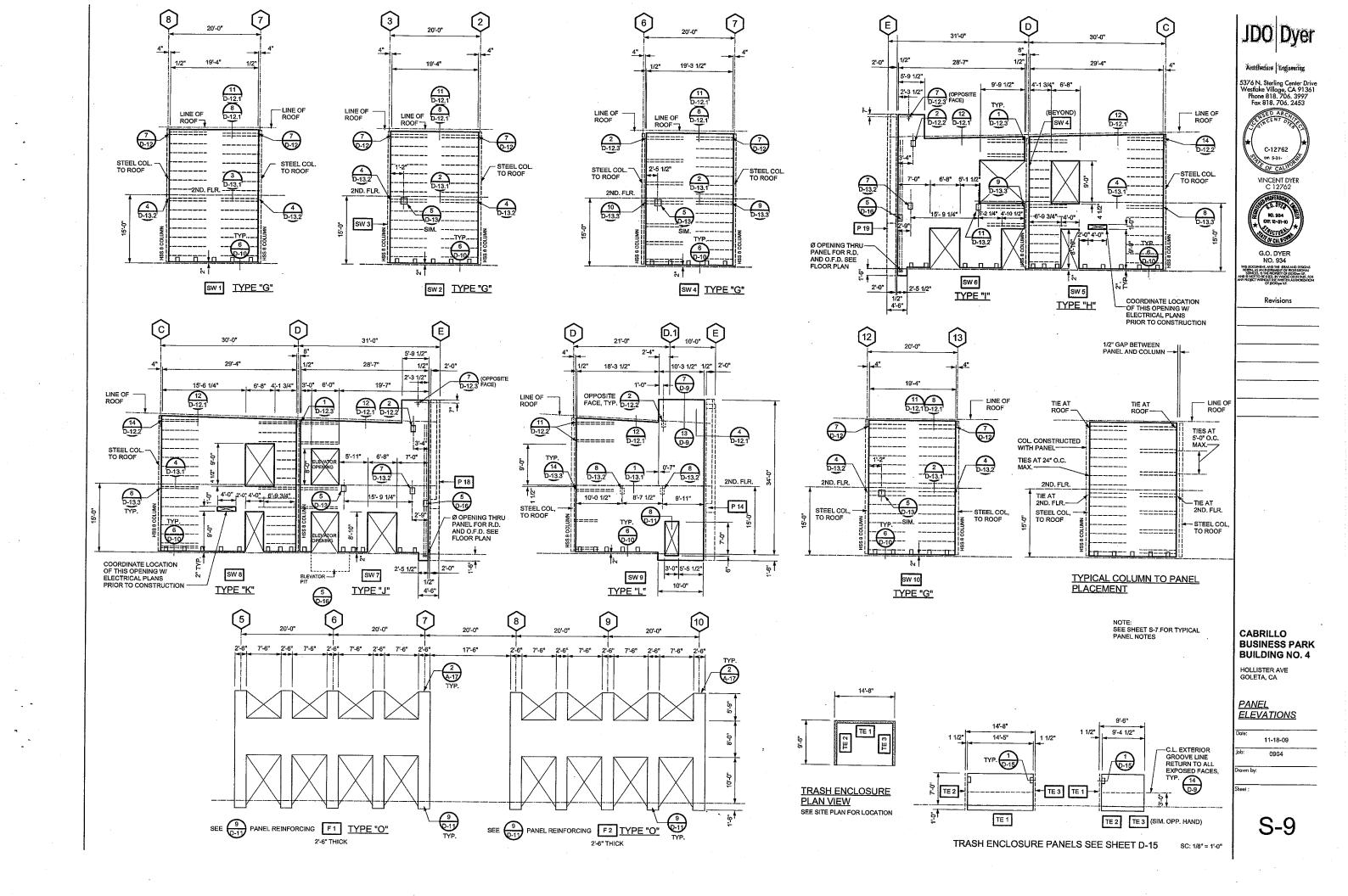
PANEL ELEVATIONS

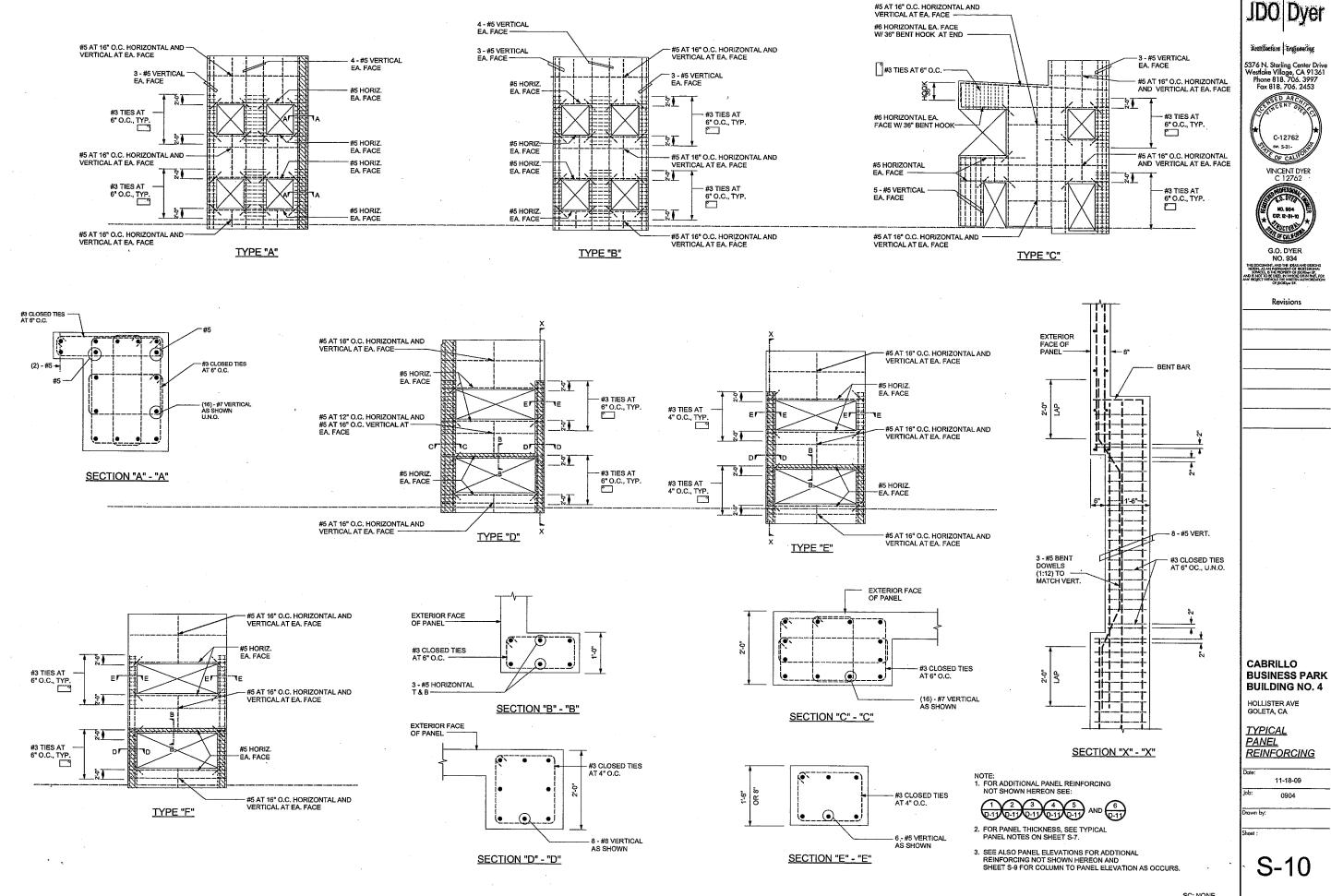
HOLLISTER AVE GOLETA, CA

Dale: 11-18-09

Drawn by:

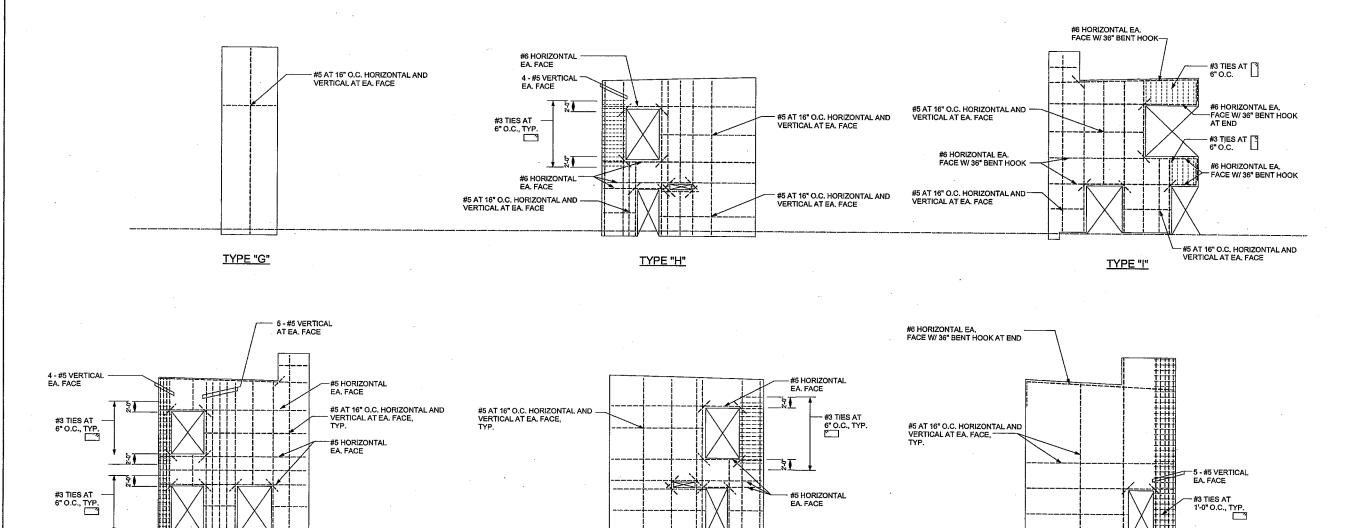






0904

11-18-09



-#5 HORIZONTAL EA. FACE

TYPE "J"

TYPE "K" TYPE "L"

- #5 HORIZONTAL EA. FACE

NOTE:
1. FOR ADDITIONAL PANEL REINFORCING NOT SHOWN HEREON SEE:



- 2. FOR PANEL THICKNESS, SEE TYPICAL PANEL NOTES ON SHEET S-7.
- SEE ALSO PANEL ELEVATIONS FOR ADDITIONAL REINFORCING NOT SHOWN HEREON AND SHEET S-9 FOR COLUMN TO PANEL ELEVATION AS OCCURS.

--#3 TIES AT 1'-0" O.C., TYP. □_______

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762

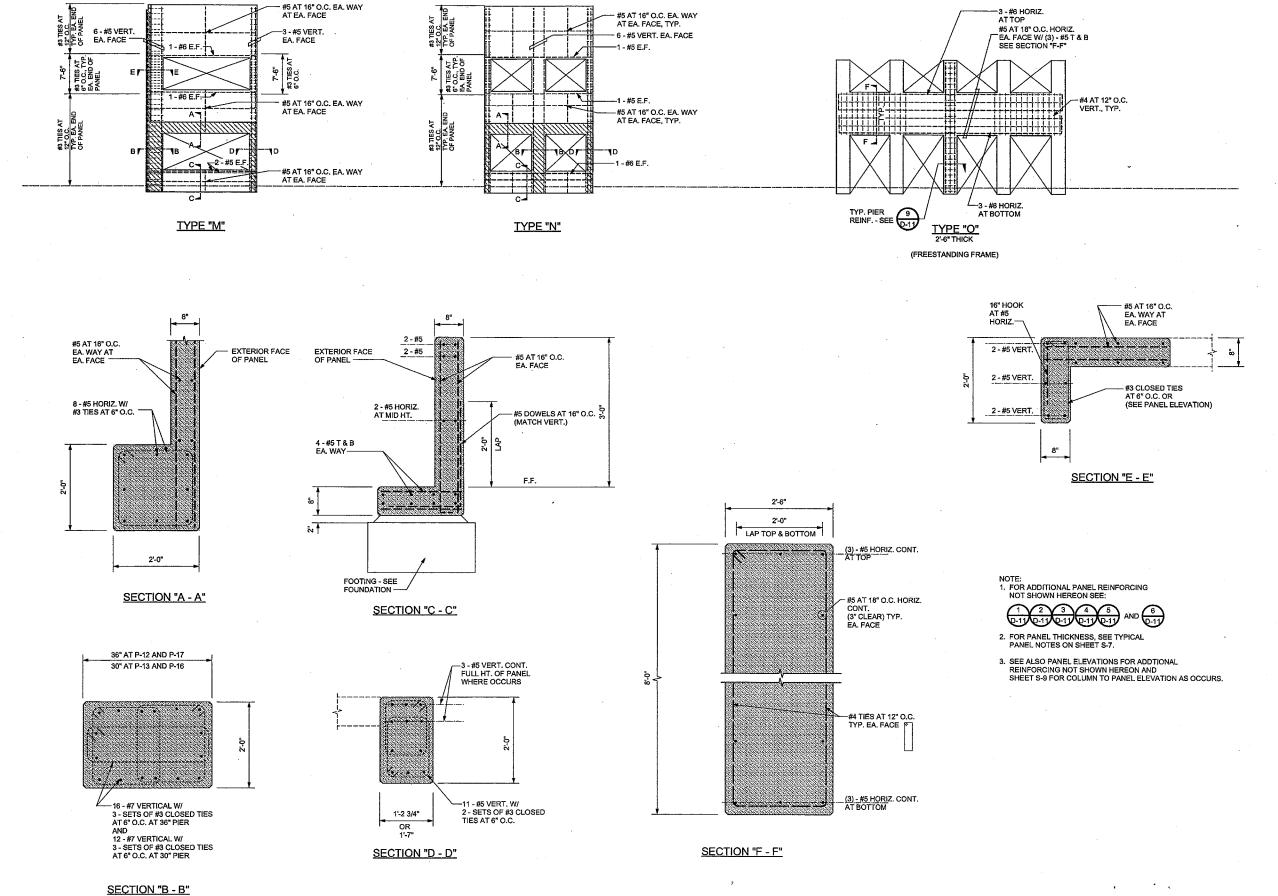


CABRILLO **BUSINESS PARK BUILDING NO. 4**

HOLLISTER AVE GOLETA, CA

TYPICAL PANEL REINFORCING

11-18-09



JDO Dyer

Architecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453



VINCENT DYER C 12762



G.O. DYER
NO. 934
THIS DOCUMENT, AND THE BUS AND DESCAIS
FREES, AS AN INSTRUMENT OF POISSON U.
STRIKES, SHE HOUSTON OF POISSON U.
SO IS NOT TO BE USED, IN WHOSE OF IN BUS IN THE POISSON U.
THE WOOD WITHOUT THE WITHIN AUTHORIZED TO MEDICAL THE POISSON U.

Revisions

....

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

TYPICAL PANEL REINFORCING

11-18-09 Job: 0904

l

NOTE NOSSIBLE ROUTE OF TRIVEL IS DEFINED AS 'A CONTINUOUS UNBISHTURFED PATH CONNECTIONS IL ACCESSIBLE LEILEMISTS AND SPACES IN AN ACCESSIBLE LEILEMIST AND SPACES IN AN ACCESSIBLE DILLING OR ACCESSIBLE LEILEMIST AND SPACES IN AN ACCESSIBLE BUILDING OR SPACES IN AN ACCESSIBLE BUILDING OR SPACES AND ACCESSIBLE AND ACCESSIBLE BUILDING OR ACCESSIBLE AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS OTHER DISABILITIES'.

SITE DEVELOPMENT AND GRADING SHALL BE DESIGNED TO PROVIDE ACCESS TO ALL ENTRANCES AND EXTERIOR GROUND FLOOR EXITS, AND ACCESS TO NORMAL PATHS OF TRAVEL, AND WHERE NECESSARY TO PROVIDE ACCESS, SHALL INCORPORATE FEDESTRIAN RAMPS, CURB RAMPS, ETC.

S. WHEN A BUILDING OR PORTION OF A BUILDING IS REQUIRED TO BE ACCESSIBLE OR ADAPTABLE. AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE PROVIDED TO ALL PORTIONS OF THE BUILDING, TO ACCESSIBLE BUILDING ENTRANCES, AND BETWEEN THE BUILDING AND THE PUBLIC WAY.

AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDIN OR FACILITY ENTRANCES WITH ALL ACKESSIBLE SPACES AND ELEMENTS THAT ARE ON THE SAME SITE AND WITH ALL ACCESSIBLE SPACES AND ELEMENTS THAT ARE ON THE SAME SITE AND WITH ALL ACCESSIBLE DWIELING UNITS WITHIN THE ON THE SAME SITE AND WITH ALL ACCESSIBLE DWIELING UNITS WITHIN THE ONLY OF FACILITY.

SEC 11148-12:

TRAVEL SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, RESTROOMS, CLOSETS, OR OTHER SPACES USED FOR SIMILAR PURPOSES.

8. WHEN MORE THAN ONE ROUTE OF TRAVEL IS PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE. SEC 11148.1.2

. WALKS & SIDEWALKS

2. WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1/2, EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL.
SEC 1133B.7.4. FIG 11B-5E(C) & (D)

, WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 11338.5 AS A PEDESTRIAN RAMP. SEC 11338.7.

5. WALX AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4* PER FOOT EXCEPT WHEN THE ENFORCING AGENCY FINDS THAT DUE TO LOCAL CONDITIONS IT CREATES AN UNRESSONABLE HANDSHIP, THE GR SLOPE CAN BE INCREASED TO A MAXIMUM OF 1/2* PER FOOT FOR DISTAL NOT TO EXCEED 20': SEC 11388.7.1.3

6. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60° BY 60° AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 46° WIDE BY 44° DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK, SEC 11338.7.3

7. WALKS SHALL EXTEND A MINIMUM OF 24" TO THE BIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK. SEC 11338.7.5. FIG 118-268

8. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5' IN LENGTH AT INTERVALS OF AT LEAST EVERY 400'. SEC 1133B.7.6

10. WALKS, SIDEWALKS, AND PEDESTRIAN MAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SIAUL BE NO GREATER THAN 1/2 WIDE IN ONE DIRECTION. IF GRATINGS HAVE ELONGATED OPENINGS, THEY SHALL BE INCENS OF THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

NOTE: ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1' RISE IN 20' OF HORIZONTAL RUN. SEC 11338.5.1

AUCESS FOR PERSONS WITH DISABILITIES, OR IS IN THE PATH OF TRAVEL SHALL BE 1' RISE IN 12' OF HORIZONTAL RUN.

THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50. SEC 1133B.5.3.1

3. THE WIDTH OF RAMPS SHALL BE AS REQUIRED FOR STAIRWAYS AND EXITS. SEC 1133B.5.2. FIG 11B-36 & 39

I. PEDESTRIAN RAMPS SERVING PRIMARY ENTRANCES TO BUILDINGS HAVING AN OCCUPANT LOAD OF 300 OR MORE SHALL HAVE A MINIMUM CLEAR WIDTH OF 80". SEC 11338.52.2

RAMPS SERVING GROUP R OCCUPANCIES MAY BE 36' CLEAR WIDTH WHEN THE OCCUPANT LOAD IS 50 OR LESS.
 SEC 11338.5.2.2

7. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF EACH RAMP SEC 1133B.5.4.1. FIG 11B-38 & 39

B. TOP LANDINGS SHALL BE NOT LESS THAN 60" WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60" IN THE DIRECTION OF RAMP RUN,

I. THE WIDTH OF THE LANDING SHALL EXTEND 24° PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18° PAST THE STRIKE EDGE

13. INTERIAEDIATE LANDING AT A CHANGE OF DIRECTION IN EXCESS OF 30 AND BOTTOM LANDINGS SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN 72" TO ACCOMMODATE THE HANDRAIL EXTENSION. SEC 1139.8.4.0. FIG 118-38.8.39

RAMP LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP. SPC 11338 5.41

IS, MANDRALS, ARE REQUIRED ON RAMPS THAT PROVIDE ACCESS IF THE RAMP SLOPE EXCEEDS 1 RISE IN 20 OF HORIZONTAL RUN, EXCEPT THAT AT EXTERIOR DOOR LANDINGS, HAMDRALS ARE NOT REQUIRED ON RAMPS LESS THAN 6" RISE OR 72" IN LENGTH.

17. HANDRALS SHALL BE PLACED ON EACH SIDE OF EACH RAMP, SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP, SHALL BE 34" TO 38" ABOVE THE RAMP SURFACE, SHALL STEPHO A MINIMUM OF 1 BETOND THE TOP AND BOTTOM OF THE RAMP, AND THE ENDS SHALL BE RETURNED. SEC 1339.8-5.1. FIG 118-27 (9.3 C.)

18. THE GRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1-14" NOR MORE THAN 1-12", OR THE SHAPE SHALL PROVIDE AN EQUINALENT GRIPPING SHAPLOCAN OLD LISERACCE, AND LISERACCE, AND LISERACCE, AND LISERACCE, AND LISERACCE, AND SHAPL OCKNERS. SECTIONALS SHOLL NOT ROTATE WITHIN THEIR PITTINGS.

IB. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF 1-1/2* BETWEEN THE WALL AND THE HANDRAIL. SEC 11338.5.5.1. FIG 118-36

20. HANDRALS MAY BE LOCATEO IN A RECESS IF THE RECESS IS A MAXIMUM OF 3" DEEP AND EXTENDS AT LEAST 18" ABOVE THE TOP OF THE RAIL. SEC 11338.5.5.1. FIG 118-36

 ANY WALL OR OTHER SURFACE ADJACENT TO HANDRAILS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS, EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8". SEC 1/338.5.5.1. FIG 118-36 WHERE THE RAMP LANDING IS NOT BOUNDED BY A WALL OR FENCE, THERE SHALL BE PROVIDED ON EACH SIDE OF THE RAMP LANDING WHERE THERE IS A VERTICAL DROP EXCEEDING 4", ONE OF THE FOLLOWING: SEC 11338.54.9. FIG 118-27(8) & (C)

A. A GUIDE CURB, A MINIMUM OF 2" IN HEIGHT; OR

B. A WHEEL GUIDE RAIL, CENTERED 3" + 1" ABOVE THE SURFACE OF THE RAMP LANDING.

23. WHERE THE RAMP SURFACE IS NOT BOUNDED BY A WALL OR FENCE AND THE RAMP EXCEEDS TO IN LENGTH, THE RAMP SHALL COMPLY WITH ONE OF THE FOLLOWING REQUIREMENTS: SEC 11338.5.6. FIG 118-27(8) & (C)

B. A WHEEL GUIDE RAIL SHALL BE PROVIDED, CENTERED 3" + 1" ABOVE THE SURFACE OF THE RAMP,

NOTE: OURS RAMPS SHALL BE CONSTRUCTED AT EACH CONNER OF STREET INTERSECTIONS AND WHERE A PEDESTRUM WAY CROSSES A CURB. THE PREFERRED AND RECOMMENDED LOCATION FOR CLUB RAMPS IS IN THE CENTER OF THE CROSSWALK OF EACH STREET CORNER, WHERE IT IS MCEESSAMY TO LOCATE A CURB RAMP IN THE CENTER OF THE CURB RETURN AND THE STREET SURFANCES ARE MARKED TO DENTIFY PROESTRUM CONSTRUCTS IN CONTROL FOR OTHE CURB RAMP IN THE CENTER OF THE CURB RETURN AND THE STREET SURFANCES ARE MARKED TO BE CONSTRUCT. THE CURB RAMP IS THE CURB RAMP IN THE CURB RAMP IS THE CURB RAMP IN THE CURB RAMP IN THE CURB RAMP IS THE CURB RAMP IS THE CURB RAMP IN THE CURB RAMP IS THE CURB RAMP IN THE CURB RAMP IS THE CURB RAMP IN THE CURB

1. PROVIDE A CURB RAMP AT _____ SEC 1127B.5.1

2. CURB RAMPS SHALL BE A MINIMUM OF 4' IN WIOTH AND SHALL LIE, GENERALL'I IN A SINGLE SLOPEO PLANE, WITH A MINIMUM OF SURFACE WARPING AND CROSSES IN CASE

. THE SLOPE OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. SEC 11278.5.3

S. A LEVEL LANDING 4' DEEP SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP OVER ITS FULL WIDTH TO PERMIT SAFE GREESS FROM THE RAMP SURFACE, OR THE SLOPE OF THE FANNED OF FLARED SIGES OF THE CURB RAMP SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL.

7. IF DIAGONAL (CORNER TYPE) CURB RAMPS HAVE RETURNED CURBS OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLE! TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE 46" MINIMUM CLEAR SPACE IF DIAGONAL CURB RAMPS ARE. PROVIDED AT MARKED CROSSINGS, THE 40" CLEAR SPACE SHALL BE WITHIN THE MARKINGS. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ASO NAVE FLEGS TA 24" CHOS SEMINET STRUSHT CURB LOCATED ON EACH SIZE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING. SEO 12767.3.1"

B. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL BE STABLE FIRM, AND SLIP-RESISTANT AND SHALL BE OF CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK.

9. ALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12" WIDE AT THE LEVEL BURFACE OF THE SIGN-WALK ALONG THE TOP AND EACH SIGN BETWEEN THE FACE OF THE CURB AND THE STREET SHALL HAVE A GROOVED BORDER AT THE LEVEL SURFACE OF THE SIDEWALK.

SEO 11278.55

1. A CURB RAMP SHALL HAVE A DETECTABLE WARNING THAT EXTENDS THE FULL WOTH AND DETTH OF THE GURB RAMP INSIDE THE GROOVED BORDER WHEN THE PAMP SOPE BILE SEST THAN 1 VERTICAL TO 19 HORIZONAL DETECTABLE WARNINGS SHALL CONSIDER OF RAISED TRUNCATED DOWNLESS THAN 1 DETECTABLE WARNINGS SHALL CONSIDER OF RAISED TRUNCATED DOWNLESS TO A RESIDENCE OF RAISED TRUNCATED ON THE PAMPING OF THE WALKING SURFACES, ETHER USHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONSTRUCTION THE PAMPING OF THE WALKING SURFACES, THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE WALKING SURFACES. THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE WALKING SURFACES. THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE WALKING SURFACES. THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE WALKING SURFACES. THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE MULLING SURFACES. THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF THE HOUSE MULLING CASTAN PLACE OF THE PAMPING OF THE PAMPI

TABLE 118-6, SEC 11298.1

2. AT FACILITIES PROVIDING MEDICAL CARE AND OTHER SERVICES FOR PERSONS WITH MOBILITY IMPAIRMENTS, PARKING SPACES COMPLYING WITH SECTION 11298 SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 118-6

A. OUTPATIENT UNITS AND FACILITIES: 10% OF THE TOTAL NUMBER OF PARKING SPACES PROVIDED SERVING EACH SUCH OUTPATIENT UNIT OR

| | : 118-6 |
|---------------------------------------|--|
| TOTAL # OF PARKING SPACES PROVIDED | TOTAL # OF DISABLED SPACES REQUIRED |
| 1-25 | 1 |
| 26-50 | 2 |
| 51-75 | 3 |
| 76-100 | 4 |
| 101-150 | 5 |
| 151-200 | 6 |
| 201-300 | 7 |
| 301-400 | 8 |
| 401-500 | 9 |
| 501-1000 | 2% OF TOTAL |
| 1001 & OVER | 20+1 FOR EA. 100 OR FRAC. THEREOF OVER 1001 |

8. EACH LOT OR PARKING STRUCTURE WHERE PARKING IS PROVIDED FOR THE PUBLICAS CLIENTS, GUESTS OR EMPLOYEES, SHALL PROVIDE ACCESSIBLE PARKING AS REQUIRED BY SECTION 1128B. SEC 1128B.

ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED AS NEAR AS PRACTICAL TO A PRIMARY ENTRANCE AND ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN

IN PARKING FACILITIES THAT DO NOT SERVE A PARTYCULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE

6. IN BUILDINGS WITH MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES.

7. WHERE SINGLE ACCESSIBLE PARKING SPACES ARE PROVIDED, THEY SHALL BE 14" WIDE AND OUTLINED TO PROVIDE A 9" PARKING AREA AND A 5" LOADING AND UNLOADING ACCESS AISLE ON THE PASSENGER SIDE OF THE VEHICLE. SEC 11298.4.1. FIG 118-189.

A, WHEN MORE THAN ONE ACCESSIBLE PARKING SPACE IS PROVIDED, IN LIEU OF PROVIDING A. 14 WIDE SPACE FOR EACH PARKING SPACE, TWO SPACES, CAN BE PROVIDED WITHIN A 27 WIDE AREA. INCENT OF PROVIDE A PRAKING AREA OR BACK SIDE OF A FLAGADING AND UNLOADING ACCESS AISLE IN THE CENTRE, SEC 11926.4.1. FILE 119-140 & C

THE MINIMUM LENGTH OF AN ACCESSIBLE PARKING SPACE SHALL BE 18°. SEC 1129B.4.1. FIG 11B-16A, B, & C

WHEN LESS THAN 5 PARKING SPACES ARE PROVIDED AT BUILDINGS AND FACILITIES SUBJECT TO THESE REGULATIONS, ONE SHALL BE IN WIDE AND LIBERTO PROVIDE A F PARKING AREA AND A 51 LOADING AND UNLADDING AREA HOWEVER, THERE IS NO RECUIREMENT THAT THE SPACE BE RESERVED EXCLUSIVELY OR IDENTIFIED FOR USE BY PERSONS WITH DISABULITIES ONLY.

ONE IN EVERY EIGHT ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESS AISLE 95" WIDE MINIMUM AND SHALL BE DESIGNATED VAN ACCESSIBLE. ALL SUCH SPACES MAY BE GROUPED ON ONE LEVEL OF A PARKING STRUCTURE.
 SEC 11298-45.

IN EACH PARKING AREA, A BUMPER OR CURB SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTHOF WALKWAYS. SEC 11298.4.3. FIG 118-18A, B, & C

PEDESTRIAN WAYS WHICH ARE ACCESSIBLE TO PEOPLE WITH DISABILITIES SHALL BE PROVIDED FROM EACH SUCH PARKING SPACE TO RELATED FACITIES, INCLUDING CURB CUTS OR RAMPS AS NEEDED. SEC 11298.43. FIG 118-184.8, & C

B. RAMPS SHALL NOT ENCROACH INTO ANY PARKING SPACE, WITH THE EXCEPTION OF A TRANSITION RAMP FROM A LOADINGUINLOADING AREA TO AN ADJACENT SIDEWAKE THE TRANSITION RAMP PARIL BE A NAINLUM OF 48° IN WIDTH, A MAXIMUM OF 60° IN LENGTH, WITH A L MAXIMUM SLOPE OF 1:12. SEC 11298.43. FIG 118-18A, B, & C

7. ACCESSIBLE PARKING SPACES SHALL BE SO LOCATED THAT PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN. SEC 11298.4.3

B. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADMICENT TO AND USBLE FROM RACH STALL OR SPACE. WITH A DAME OF THE SIGN SHALL SHALL OR SPACE WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN TO SOURCE ROWSE IN A DEATH OF TAXEL SHALL BE POSTED AT A MINIMUM HEIGHT OF 80° FROM THE BOTTOM OF THE SIGN THE PARKING SPACE FINISHED GRACE FINISHED.

SIGNS TO IDENTIFY ACCESSIBLE PARKING SPACES MAY BE CEN

20. VAN ACCESSIBLE PARKING SPACES SHALL HAVE AN ADDITIONAL SIGN STATING "VAN-ACCESSIBLE" PROUNTED BELOW THE SYMBOL OF ACCESSIBLITY AND POSTED AT A MINIMUM, HEIGHT OF 60° FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SEC 11280.5

21. AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR MIMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17° BY 22° IN SUZE WITH LETTERING NOT LESS THAN 1° BN HEGINT, WINCH CLESSHALLY AND CONSPICUOUSLY

'UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES MAY 8E TOWNED AWAY AT OWNER'S EXPENSE. TOWIED VEHICLES MAY BE RECLAIMED AT

SCHEMES: SEC 11299,5. FIG 118-18A, B, & C

A. BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT: OR B. BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VEW SHALL BE LOCATED SO THAT IT IS VISILE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHILL IS PROPERLY PARKED IN THE SPACE AND SHALL BE 30" HIGH BY 30" WIDE.

F. PASSENGER DROP-OFF & LOADING ZONES

PROVIDE MINIMUM VERTICAL CLEARANCE OF 9'-6" AT ACCESSIBLE PASSENGER LOADING ZONES AND ALONG AT LEAST ONE-VEHICLE ACCESS ROUTE TO SUCH AREAS FROM SITE ENTRANCES AND EXITS, SEC 11318.2.2

3. CROSS SLOPES OF WALKING SURFACES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1/14 PER FOOT. THE SLOPE OF ANY APPRECIABLY WARPED WALKING SURFACE SHALL NOT EXCEED 1 VERTICAL IN 12 HORIZONTAL IN ANY DIRECTION.

ENTRANCES & EXILS

NOTE: 1, EXITS NI EXCESS OF THOSE REQUIRED BY SECTION 1114B.2.1 AND
WHICH ARE MORE THAN 24" ABOVE GRADE ARE NOT REQUIRED TO BE
ACCESSIBLE, SUCH DOORS SHALL HAVE SIGNS WARNING THAT THEY ARE
NOT ACCESSIBLE. WARNING SIGNS SHALL COMPLY WITH SECTION

NOTE: PROVIDE A COMPLETE DOOR SCHEDULE, INCLUDING DOOR HEIGHT, WINTH HARDWARE ETC.

. REVOLVING DOORS SHALL NOT BE USED AS A REQUIRED ENTRANCE FOR PERSONS WITH DISABILITIES. SEC 1133B.2:3.3

FACILITY, THE ENTRANCES USED FOR PRIMARY ACCESS SHALL BE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES.

I. EXIT DOORS AND BARS, GRILLES, GRATES, OR SIMILAR DEVICES PLACED OVER EXIT DOORS, SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

5. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVERT TYPE HARDWARE, PANG BASE, PUSH-PULL CHIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.

6 DOORS TO NOIVIDUAL HOTEL OR MOTEL UNITS SHALL OPERATE SIMILARLY TO THE REQUIREMENTS OF SECTION 11382.5.1, EXCEPT THAT WHEN BOLT AND UNLATCHING OPERATOR IS KEY OPERATE FROM CORRIDOR OF EXTERIOR SIDE OF UNIT DOOR, LARGE BOW KEYS 2' (FULL BOW) OR 1-16' (HALF BOW) SHALL BE PROVIDED IN LIEU OF LEVER TYPE HARDWING HOT THE CORRIDOR SIDE. SEPARATE DEADLOCK ACTIVATION ON ROOM SIDE OF CORRIDOR OOORS IN POTES OR MOTELS SHALL HAVE LEVER HANDLE OR LARGE THUMB TURN IN AN EASILY REACHED LOCATION.

EVERY DOORWAY WHICH IS LOCATED WITHIN AN ACCESSIBLE PATH OF TRAVEL SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAM 2 IN WIDTH AND NOT LESS THAM, e.g. IN HEIGHT, WHEN CLEAR WIDTH OF THE EXIT IS NOT LESS THAM 22, MEASURED SETWEIN THE PACE OF THE DOOR AND THE SOT ITS NOT LESS THAM 27, MEASURED SETWEIN THE PACE OF THE DOOR AND THE OPPOSITE STOP.

FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANOLE OF 90 DEGREES FROM ITS CLOSED POSITION. SEC 11338.2.3. FIG 118-33(A)

12. MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL BE AS SHOWN IN FIGURE 11B-26A & B. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR. SEC 11393-24.2

4. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND A MINIMUM OF 24" PAST THE STRIKE EOGE OF THE DOOR FOR EXTERIOR DOORS AND A MINIMUM OF 16" PAST THE STRIKE EOGE FOR INTERIOR DOORS AND A MINIMUM OF 16" PAST THE STRIKE EOGE FOR INTERIOR DOORS, SEC 11159.4.2 & 11339.2.4.3. FIG 118-28A

11178.5. SEC 11338.1.1.1.1 EXC.2

B. THE SPACE BETWEEN TWO COURSCUTIVE DOOR OPENINGS IN A VESTIBLE. SERVING OTHER THAN A RECURBE DETIT STARWAY, SHALL PROVIDE A MINIBAM OF 4F OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBLE. WHEN THE DOOK IS POSTIONED AT AN ANALE OF 80 DEGREES THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS. SEE FIGURES 113-90 AS 11 FOR DEGREE AT SPACE BETWEEN THE DOORS. WMEN PROVIDED, PASSENGER DROP-OFF AND LOADING ZONES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE OF TRAVEL. SEC 11318.1

17. THE BOTTOM IN OF ALL DOORS EXCEPT AUTOMATIC AND ALL SANA SWALL HAVE A SMOOTH, MANTERSHIP BOSHPACE TO ALLOW THE BOOS HE OF BOOK TO ALLOW THE BOOK THE OF BOOK THE STATE OF THE OWNER OF THE STATE OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWN

RECESSED DOORMATS SHALL BE ADEQUATELY ANCHORED TO PREVENT INTERFERENCE WITH WHEELCHAIR TRAFFIC. SEC 1133B.1.1.1.3. FIG 118-25

. MIRCHO PROVIDED, UNE PROSENDRE URKP-OPF-AND LOADING ZONE SHALL.
PROVIDE AN ACCESS ABLEA TI LEAST GOV MOSE AND ZE LOCK GALDCHIT AND
ON A SUIFFACE WITH A SLOPE NOT EXCEEDING 1 VERTICAL. MAD SE LOCATED
ON A SUIFFACE WITH A SLOPE NOT EXCEEDING 1 VERTICAL. MAD SE
OFF AND THE CONTROL OF THE CON 39. MAXIMAM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8-1/2 POUNDS FOR EXTERIOR DOORS AND SPOUNDS FOR INTERIOR DOORS, SUCH PULL, OR FUSH EFFORT BEING PAPILED AT RIGHT ANGELS TO HINDED DOORS AND AT THE CENTER PLANE OF SUDING OR FOLDING DOORS, COMPENSATING DEVICES OR DOOR FORTHORD MAY BE LITIZED TO MEET THE AGONE STRAINAGED. WHEN PREC DOORS ARE REQUIRED. THE MAXIMAM LEPFORT TO OPERATE THE DOOR MAY BE MECKASSED TO THE MAXIMAM LEPFORT TO OPERATE THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. 3EC 11930.2.2 4. VALET PARKING FACILITIES SHALL PROVIDE A PASSENGER LOADING ZONE AND SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO THE ENTRANCE OF THE FACILITY. THE PARKING SPACE RECUIREMENTS OF SECTION 11298 AND 1130B APPLY TO FACILITIES WITH VALET PARKING.

5. WHERE PROVIDED, PROVIDE BUS STOP PADS 98" LONG (MEASURED PARALLEL TO CURE OR ROAD EDGE) TO THE MAXIMUM DITENT ALLOWED PARALLEL TO CURE OR ROAD EDGE) TO THE MAXIMUM DITENT ALLOWED PROVIDE AS THE CONSTRUCTOR SUST STOP PADS SHALL EXPLANCE AS THE ROAD EDGE STRUCKED TO AN OTHER ROAD OR OTHER DETECTABLE WARRING, BUS STOP PADS SHALL BE AT THE SAME SLOPE AS THE ROADWAY IN THE DIRECTION PARALLEL TO THE ROAD WAS AS THE ROADWAY IN THE DIRECTION PARALLEL TO THE ROADWAY AS LOPE PERPENDICULAR TO THE ROADWAY. I. WE'RE TURNETILES AND GROWD CONTROL BARRIERS ARE UTILIZED US.

SUCH AS WHERE AN ADMISSION PRICE IS CHARGED, A DOOR OR GATE IN

SUCH AS WHERE AN ADMISSION PRICE IS CHARGED, A DOOR OR GATE IN

SACCESSIBLE TO PERSONS WITH DISABILITIES SHALL BE PROVIDED

ADMISSIT OF BACH TURNISTILE EXIT OR BITMENDE THIS ATTERMATE

BUSHNESS HORR SHOT PRICE SHALL NOT ACTIVATE A

FUBLICLY AUDBLE ALARIE SYSTEM, THE DOOR OR GATE MAY BE LATD

WHERE ALL GATES ARE RESTRICTED AND CONTROLLED BY AN BUSINESS HOURS AND THE DOOR OR GATE SHALL NOT ACTIVATE A PUBLIC Y ADUBLE ARE HIS TENT IN TO DOOR TO A THE LATCH THE PUBLIC Y ADUBLE ARE HIS TENT TO THE DOOR TO A THE LATCH ATTENDANT AND A SIGN IS POSTED STATING YALL GATES ARE RESTRICTED AND COMPROLED BY AN ATTENDANT. THE ACCESSIBLE DOOR OR GATE ATTENDANT AND A SIGN IS POSTED STATING YALL GATES ARE RESTRICTED AND COMPROLED BY AN ATTENDANT. THE POST AND A SIGN IS A PEDESTRUM CONTROL & ARE UNITED TO WHERE TO SIGN, AND A CONTROL AND A SIGNED STATES, A MINIMUM A O'DE LAWS SHALL BE ACCESSIBLE AND SHALL PROVIDE A MINIMUM ASIE WIDTH NOT LESS THAN INDICATED IN SECRETARY CALL OF THE POST AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES AND A SIGNED STATES OF THE POST AND A SIGNED STATES . PEDESTRIAN GRADE SEPARATIONS . PEDESTRIAN RAMPS ON PEDESTRIAN GRADE SEPARATIONS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 1133B.5 FOR RAMPS.

. EGRESS & AREAS FOR EVACUATION ASSISTANCE
NOTE: AREAS OF EVACUATION ASSISTANCE ARE NOT REQUIRED IN
BUILDINGS OR FACILITIES HAVING A SUPERVISED AUTOMATIC SPRINKLER
SYSTEM. SEC 1114B.2.1 EXC.1 NOTE: IN ALTERATIONS OF EXISTING BUILDINGS, AREAS OF EVACUATION ASSISTANCE ARE NOT REQUIRED. SEC 11148.2.1 EXC. 2

I. IN BUILDINGS OR PORTIONS OF BUILDINGS REQUIRED TO BE ACCESSIBLE
ACCESSIBLE MEANS OF EGRESS SHALL BE PROVIDED IN THE SAME NUMB
AS REQUIRED FOR EXITS BY CHAPTER 10.
SEC 11148.7

 WHEN AN EXIT REQUIRED BY CHAPTER 10 IS NOT ACCESSIBLE, AN AREA FOR EVACUATION ASSISTANCE SHALL BE PROVIDED AND SHALL ADJOIN AN ACCESSIBLE ROUTE OF TRAVEL.
 SEC 11180.2.). AN AREA FOR EVACUATION ASSISTANCE SHALL BE ONE OF THE FOL SEC 1114B.2.2.1

FOR THE PURPOSES OF TITLE 24, THE USE OF THE TERM EXIT DOOR APPLIES TO ALL DOORS THAT PROVIDE ACCESS, THAT IS, ENTRANCES, EXITS, PASSAGE DOORS, ETC. B. A PORTION OF AN EXTERIOR EXIT BALCONY LOCATED IMMEDIATELY ADJACENT TO AN EXIT STARWAY WHEN THE EXTERIOR EXIT BALCONY COMPLES WITH SECTION (602.0 OPENINGS TO THE EXTERIOR OF THE BULDING LOCATED WITHIN 20 OF THE AREA FOR EVACUATION ASSIST, SMALL BE PROTECTED WITH FIRE ASSEMBLIES HAVING A 34-HOUR FIR PROTECTION RATING.

C. A PORTION OF A ONE-HOUR FIRE-RESISTIVE CORRIDOR COMPLYING WITH SECTION 1004.3.4 LOCATED IMMEDIATELY ADJACENT TO AN EXIT

D. A VESTIBULE LOCATED IMMEDIATELY ADJACENT TO AN EXIT ENCLOSURE AND CONSTRUCTED TO THE SAME FIRE-RESISTIVE STANDARDS AS REQUIRED BY SECTION 1004.3.4. SEC 11148.2.2.1.4 E. A PORTION OF A STAIRWAY LANDING WITHIN AN EXIT ENCLOSURE WHICH IS VENTED TO THE EXTERIOR AND IS SEPARATED FROM THE WITEROR OF THE BUILDING BY NOT LESS THAN ONE-HOUR FIRE-RESISTIVE DOOR

IS VENTED TO THE THE BUILDING BY N ASSEMBLIES. SEC 11148.2.2.1.6 SEC 11148.22.1.5

F. WHEN APPROVED BY THE BUILDING OFFICIAL, AN AREA OR ROOM WHICH IS SEPARATED FROM OTHER PORTIONS OF THE BUILDING BY A SMOKE BARRIERS, SMOKE

G. AN ELEVATOR LOBBY COMPLYING WITH SECTION 1114B.2.3. SEC 1114B.2.2.1.7

A EACH AREA FOR EVACUATION ASSISTANCE SHALL PROVIDE AT LEAST TWO ACCESSIBLE AREAS THAT ARE NOT LESS THAN 30° BY 45". THE AREA FOR EVACUATION ASSISTANCE SHALL NOT ENCRACHO ON ANY REQUIRED EXIT WOTH. THE TOTAL NUMBER OF SUCH 30° BY 45" AREAS PER STORY SHALL BE NOT LESS THAN ONE FOR EVERY 200 PERSION OF CALCULATED OCCUPANT LOAD SERVED BY THE AREA FOR EVACUATION ASSISTANCE.

SEC 1148.2.2.3

SEC 1148.2.2.3

A METHOD OF TWO-WAY COMMUNICATION WITH BOTH VISIBLE AND AUDIDE COMMUNICATION SHALL BE PROVIDED BETWEEN EACH AREA OF EXPACIATION ASSISTANCE AND THE PRIMARY ENTRY A BUTTON IN THE AREA OF RESCUE ASSISTANCE SHALL ACTIVATE BOTH A LIGHT IN THE AREA OF RESCUE ASSISTANCE SHALL SHAT HAT RESCUE HAS BEEN REQUESTED ASSISTANCE SHALL SHAT HAT BE BOTH A LIGHT STAR BEEN REQUESTED A REQUESTED A BUTTON AT THE PRIMARY ENTRY SHALL ACTIVATE BOTH A LIGHT AT THE PRIMARY ENTRY ON AD A LIGHT IN THE AREA OF RESCUE ASSISTANCE MOGATING THAT THE REQUEST HAS BEEN RECEIVED. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION, SEC 1133B.2.3.1 OF THE DOORS SHALL PROVIDE A CLEAR UNDSTRUCTED TO THE DOORS SHALL PROVIDE A CLEAR, UNDSTRUCTED OPENING WIDTH OF 32" WITH THE DOOR POSITIONED AT AN ANGLE OF 80 DEGREES FROM ITS CLOSED POSITION. SEC 11338.2.3.2

A TELEPHONE WITH CONTROLLED ACCESS TO A PUBLIC TELEPHONE SYSTEM OR ANOTHER METHOD OF TYVO-WAY COMMUNICATION THAN 14 SPERVINGE OF THE SETWIEN EACH AREA OF REFLICE AND THE PRIMARY BUILDING ENTRY. THE BETWEEN EACH AREA OF THE STEWN AND THE THAN THE PRIMARY BUILDING ENTRY. THE FIRE DEPARTMENT MAY APPROVE A LOCATION OTHER THAN THE PRIMARY ENTRY, SEC 1148 22.42

8. EACH AREA FOR EVACUATION ASSISTANCE SHALL BE IDENTIFIED BY A SIGN WHICH STATES AREA FOR EVACUATION ASSISTANCE AND THE BELLIAMINATED WHEN EXTRA SHEED AND ASSISTANCE AND THE BELLIAMINATED WHEN EXT SHOW ILLIAMINATION IS SECURED. WE ROW HERE FOR EVACUATION ASSISTANCE, INSTRUCTIONS ON THE USE OF THE AREA UNDER EMERGENCY CONDITIONS SHALL BE POSTED ADJOINING THE TWO-WAY COMMUNICATION SYSTEM. SEC 11148.2.2.5

9. WITHIN A BUILDING OF ANY HEIGHT OR OCCUPANCY CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 403.1 THROUGH 403.10, AN AREA FOR EXCUSTION ASSISTANCE MAY BE LOCATED IN THE ELEVATOR LOBBY (HIGH-RISE ALTERNATIVE) WHEN: SEC 11148.2 THE SEC 1114

A. THE AREA FOR EVACUATION ASSISTANCE COMPLIES WITH THE REQUIREMENTS FOR SIZE, TWO-WAY COMMUNICATION, AND IDENTIFICATION AS SPECIFIED IN SECTION 1114B.2.2;

B. ELEVATOR SHAFTS AND ADJACENT LOBBIES ARE PRESSURIZED AS REQUIRED FOR SMOKE-PROOF ENCLOSURES IN SECTION 1052.3. SUCH PRESSURIZED NO SYSTEM SHALL BE ACTURATED BY SMOKE DETECTORS? OF PRESSURIZED NO SYSTEM SHALL BE ACTURATED BY SMOKE DETECTORS? OF PRESSURIZED SYSTEM SHALL BE ACTURATED BY THE SHALL BE ACTURATED FOR THE SHALL BE ACTURATED. FOR THE SHALL BE ACTURATED FOR THE SHALL BE ACTURATED FOR THE SHALL BE ACTURATED.

STAIRWAYS SHALL HAVE HANDRALS ON EACH SIDE, AND EVERY RECURED TO BE MORE: THAN 85" IN WIDTH SHALL BE PROVIDED LESS THAN ONE INTERMEDIATE HANDRAL FOR EACH 85" OF RE FOR EACH STORY OF THE PROPERTY OF THE STAIRWAY. EQUALLY ACROSS THE EMPIRE WIDTH OF THE STAIRWAY.

2. HANDRAILS SHALL BE 34° TO 38° ABOVE THE NOSING OF THE TREADS, SEC 1133B.42.1, FIG 11B-35

4. WHERE THE EXTENSION OF THE MANIFAK IN THE DIRECTION OF THE STAIR SHAPPING DESTREA HAVE AND THE TERMINATION OF THE EXTENSION SHALL BE MADE ETHER ROUNGED OR RETURNED SMOOTHLY TO THE FLOOR WALL. OR POST, WHERE THE STAIRS ARE CONTINUOUS FROM JAIONED TO LIADING, THE WHER RAIL SHALL BE CONTINUOUS AND NEED NOT EXTEND OUT INTO THE JAMONS, SEC 1338, 424, FIG. 118–37.

5. ENDS SHALL BE RETURNED OR TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS, SEC 11338.4.2.3, FIG 116-35 & 37.

, HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF 1-1/2'
BETWEEN THE WALL AND THE HANDRAIL HANDRAILS MAY BE LOCATED IN A
RECESS IF THE RECESS IS A MANIMUM OF 70 EPEP AND EXTENDS AT LEAST
16' ABOVE THE TOP OF THE RAIL. HANDRAILS SHALL NOT ROTATE WITHIN
THER RITINGS, SEC 11538 4.2.5. PK 118-35.

8. THE LIPPER APPROACH AND THE LOWER TREAD OF EACH STAIR SHALL BE MARKED BY A STEPP OF LEARLY CONTRISTING COLOR AT LEAST 2 WIDE TO LAND TO THE STAIR SHALL BE OF OR LANDING TO A LERT THE WISLAULTH MAPARICA. THE STRIP SHALL BE OF MATERIAL THAT IS AT LEAST AS SUP RESISTANT AS THE OTHER TREADS OF THE STAIR SHALL SHALL BY SHALL 8. WHERE STARWAYS OCCUR OUTSIDE A BULDING, THE UPPER APPROACH AND ALL TREADS SHALL BE MARKED BY A STRIP OF CLEARLY CONTRAST NO THORN THE CONTRAST NO THORN THE CONTRAST NO THORN THE WORK OF THE STRIP OF LANDING TO ALE OF THE YES MALL BE OF A MATERIAL THAT IS AT LEAST AS SUPPRESSTRANT AS THE OTHER TREADS OF THE STRIAL PAINTED STRIP SHALL BE OCCEPTABLE.

19. ALL TREAD SURFACES SHALL BE SUP-RESISTANT, WEATHER EXPOSED STARS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT THE MINE OF THE WATER WILL NOT SHALL BE SUPPOSED EDGES, AND NO ABRUPT EDGES AT THE NOSING (LOWER FRONT EDGE). SEC 11338.45.1 FIG 115-35.

I. THE NOSING SHALL NOT PROJECT MORE THAN 1-1/2" PAST THE FACE OF THE RISER BELOW. SEC 11338 4.5.2. FIG 118-35

12. OPEN RISERS ARE NOT PERMITTED. ON ANY GIVEN FLIGHT OF STARS, ALL STEPS SHALL HAVE UNIFORM RISER HEIGHT AND UNIFORM TREAD WOTHER CONSISTENT WITH SECTION 113945. AFIAR TREADS SHALL BE NO LESS THI 1"DEEP, MEASURED FROM RISER TO RISER RISERS SHALL BE SLOPED OF THE UNDERSON SHALL HAVE AN ANGLE NOT LESS THAN GO EDERGES FROM THE HORIZONTAL.
SEC 11394. AS, FO INSAS

SEC TISSEA.5... FIG TISSEA.

SECTION OF THE REQUIREMENTS OF SECTION THIS 5.2. THE MAST COMPLY WITH THE REQUIREMENTS OF SECTION THIS 5.2. THE MAST COMPLY WITH THE REQUIREMENTS OF SECTION THIS 5.2. THE MASOMATION SHALL BE RESEARCHED USING FAUSED APARIED MANERALS AND SHALL BE LOCATED IN ADOVE THE FINISHED FLOOR. THE SHAN SHALL BE LOCATED IN ADOVE THE FINISHED FLOOR. THE SHAN SHALL BE SHAN BY THE SHAN BY TO SECTION TO THE DOT ON THE STRING BIEL. THE SHAN BY TO SECTION SHALL BE SHAN BY TO SECTION THE SHAN BY THE SHAN BY TO SECTION SHALL BE SHAN BY THE SHAN BY TO SECTION SHALL BE SHAN BY THE SHAN BY THE SHAN BY THE OPEN OR CLOSED POSITION.

NOTE: IN BUILDINGS TWO OR MORE STORIES IN HEIGHT, SERVED BY AN ELEVATOR, OR A BUILDING SERVED BY AN ELEVATOR REQUIRED BY CHAPTER 1, OR A BUILDING SERVED BY AN ELEVATOR REQUIRED FOR ACCESSIBILITY BY SECTION 101.17, ALL ELEVATORS PROVIDED SHALL ACCOMMODATE A

THE CAR INSIDE SHALL ALLOW FOR THE TURNING OF A WHEELCHAIR. THIN MINIMAIN CLEAR DISTANCE BETWEEN WALLS OR BETWEEN WALL AND DESCLUDING RETURN PANELS, SHALL ER NOT LIESS THAN 80 YE SHOT FOR CENTER-OPENING DOORS, AND 88" BY 54" FOR SIDE-SLIDE OPENING DOMINIMAIN DISTANCE FROM WALL TO RETURN PANEL SHALL BE NOT LESS 3003.4.7B. FtG 30-A

 THE CENTERLINE OF ELEVATOR FLOOR BUTTONS SHALL BE NO HIGHER THAN 54" ABOVE THE FINISHED FLOOR FOR SIDE APPROACH AND 48" FOR FRONT APPROACH, SEC 3003, 478, FIG 30-8 FLOOR BUTTONS SHALL BE PROVIDED WITH VISUAL INDICATORS TO SHOW WHEN EACH CALL IS REGISTERED. THE VISUAL INDICATORS SHALL BE EXTINGUISHED WHEN EACH CALL IS ANSWERED.
 SEC 3003 4.7B

 EXCEPT FOR PHOTO ELECTRIC TUBE BY-PASS SWITCHES, EMERGENCY CONTROLS, INCLUDING THE EMERGENCY STOP AND ALARM, SHALL BE GROUPED IN OR AUALDENT TO THE BOTTOM OF THE PANEL AND SHALL NO LOWER THAN 2-11 FROM THE FLOOR. FOR MULTIPLE CONTROLS OF MACHINE AND ALARM THESE MEIGHT EXCUPREMENTS. 8. THE CENTERLINE OF THE HALL CALL BUTTONS SHALL BE WITHIN 42" OF THE FLOOR. THE BUTTONS SHALL BE A MINIMUM OF 34" IN SIZE AND SHALL BE RANSED 18" - 132" ABOVE THE SURROUMNION SURFACE, VISUAL MIDICATION SHALL BE PROVIDED TO SHOW BACH CALL REGISTERED AND EXTINGUISHED WHEN AND SHALL BALL CALL BUTTONS SHALL NOT PROJECT MORE THAN 4" FROM THE WALL SEC 3001-36, PC 500-0

I. THE EMERGENCY TELEPHONE HANDSET SHALL BE POSITIONED NO HIGHER THAN 4' ABOVE THE FLOOR, AND THE HANDSET CORD SHALL BE A MINIMUM OF 25-51 NE FANCTH.

10, IF THE TELEPHONE SYSTEM IS LOCATED IN A CLOSED COMPARTMENT COMPARTMENT DOOR HARDWARE SHALL BE LEVER TYPE CONFORMINTHE PROVISIONS OF SECTION 10043, TYPE OF LOCK OR LATCH, EMER INTERCOMMUNICATION SHALL NOT REQUIRE VOICE COMMUNICATION SEC 3003.4

 IDENTIFICATION FOR THE VISUALLY IMPAIRED SHALL BE AS FOLLOWS SEC 3003.4.84. FIG 30-B A. PASSENGER ELEVATOR CAR CONTROLS SHALL HAVE A MINIMUM DIMENSION OF 34" AND SHALL BE RAISED 116" * 1732" ABOVE THE SURROUNDING SURFACE.

CONTROL BUTTONS SHALL BE ILLUMINATED, SHALL HAVE SQUARE SHOULDERS, AND SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTIBLE.

C. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY A 58° MINIMUM, ARABIC NUMERAL, STANDARD ALPHABET CHARACTER, OR STANDARD SYMBOL IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON.

E. A MINIMUM CLEAR SPACE OF 3/8" OR OTHER SUITABLE MEANS OF SEPARATION SHALL BE PROVIDED BETWEEN ROWS OF CONTROL BUTTONS.

A VISUAL AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE INDICATING TO THE PROSPECTIVE PASSENGER THE CAR ANSWERING THE CALL AND ITS DIRECTION OF TRAVEL AS FOLLOWS: SEC 3003.4.154. FIG 30-C

A. THE VISUAL SIGNAL FOR EACH DIRECTION SHALL BE A MINIMUM OF 2-1/2* HIGH BY 2-1/2* WIDE, AND VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTON.

B. THE AUDIBLE SIGNAL SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION OR OF A CONFIGURATION WHICH DISTINGUISHES BETWEEN UP AND DOWN ELEVATOR TRAVEL

C. THE CENTER LINE OF THE FIXTURE SHALL BE LOCATED A MINIMUM OF 6' IN HEIGHT FROM THE LOBBY FLOOR.

THE USE OF ARROW SHAPES IS PREFERRED FOR VISIBLE SIGNALS. SEC 3003.4.15A. FIG 30-C

THE CLEARANCE BETWEEN THE CAR PLATFORM SILL AND THE EDGE OF THE HOISTWAY LANDING SHALL BE NO GREATER THAN 1-1/4*.

18. DOORS CLOSED BY AUTOMATIC MEANS SHALL BE PROVIDED WITH A DOOR REOPENING DEVICE WHICH WILL FUNCTION TO STOP AND REOPENI A CAR DOOR AND ADJACENT HOISTNAY DOOR IN CASE THE CAS DOOR IS OBSTRUCTED WHILL CLOSING. THIS REOPENING DEVICE SHALL JASO BE CAPABLE OF BENSING AN OBJECT OR PRESON IN THE PLAT OF THE CLOSING DOOR WITHOUT REQUISING CONTACT FOR ACTIVATION AT A NOWAL 5 AND 27 ABOVE THE FLOOR DOOR RESERVED AND THE PLOOR DOOR THOUGHT OF SHALL REMAIN EFFECTIVE FOR A PERIOD OF NOT LESS THE SEED HIS OF SHALL REMAIN EFFECTIVE FOR A PERIOD OF NOT LESS THAT WITH THE REQUISIONING OF AN STATE OF THE AMERICAN SOCIETY OF MECHANICAL ENONIESTS OF ANSI 17-480 OF THE AMERICAN SOCIETY OF

Architecture Engineering F. THE RAISED CHARACTERS SHALL BE WHITE ON A BLACK BACKGROUND.

5376 N. Sterling Center Driv



Fax 818, 706, 2453

JDO Dyer

VINCENT DYER C-12762



SPACES, IS THE PROPERTY OF ID.O. A ASSOCIATES INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY BOOKET WITHOUT THE WEITHEN AUTHORIZATION. OF ID.O. A ASSOCIATE PROPERTY.

Revisions

SEC 3006 1

OUNDED. SEC 3003.4.6.1A, FIG 30-D

L. SPECIAL ACCESS (WHEELCHAIR) LIFTS

LIFTS SHALL BE DESIGNED AND CONSTRUCTED TO FACILITATE UNASSISTED OPERATION, EXT FROM THE LIFT, AND SHALL COMPLY WITH CHAPTER 11B, CHAPTER 3, AND ASME ATT, SAFETY CODE FOR ELEVATORS AND ESCALATORS, SECTION XX, 1990.

. THE MINIMUM ACCEPTABLE TIME FOR DOORS TO REMAIN FULLY OPEN SHALL NOT BE LESS THAN 5 SECONDS. SEC 3003.4.8.2A

LIFTS MAY BE UTILIZED AS PART OF AN ACCESSIBLE ROUTE ONLY FOR THE FOLLOWING CONDITIONS: SEC 11168.2

A. TO PROVIDE AN ACCESSIBLE ROUTE TO A PERFORMING AREA IN AN ASSEMBLY OCCUPANCY OR TO A SPEAKING AREA OR SIMILAR PLACE (SUCH AS A DIAS OR "HEAD TABLE") IN AN ASSEMBLY OR GROUP B OCCUPANCY. SEC 11168.2.1

C. TO PROVIDE ACCESS TO INCIDENTAL OCCUPIABLE SPACES AND ROOMS WHICH ARE NOT OPEN TO THE GENERAL PUBLIC AND WHICH HOUSE NO MORE THAN SPERSONS, ENLIDING BUT NOT LIMITED TO EQUIPMENT CONTROL ROOMS AND PROJECTION SCOTHS.
SEC

NOTE: SECTION 1116B.2, EXCEPTION 3 DOES NOT LIMIT THE USE OF A SPECIAL ACCESS (WHEELCHAIR) LIFT TO THE FOUR CONDITIONS LISTED ABOVE WHEN THE LIFT IS BEING INSTALLED AS PART OF AN ACCESSIBLE ROUTE FOR ADDITIONS OR ALTERATION.

3. LIFTS SHALL HAVE A RISE OF NOT MORE THAN 12. SEC 3008.1

 THE LIFT PLATFORM OR SUPPORT SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE LARGE MOTORIZED WHEELCHAIRS PER CHAPTER 11B AND SHALL HAVE A RATED CAPACITY OF NOT LESS THAN AS REQUIRED BY ASME A17.1, 1990 1990. SEC 3008.1.4.1

NOTE: LEVEL AND CLEAR FLOOR AREAS OR LANDINGS AS SPECIFIED IN THIS SECTION SHALL BE PART OF "PATH OF TRAVEL" REQUIREMENTS, SEC 11168 2.42 THERE SHALL BE A LEVEL AND CLEAR FLOOR AREA OR LANDING AT EAL LEVEL SERVED BY SPECIAL ACCESS LIFTS TO ALLOW SAFE ACCESS TO FROM THE LIFT PLATFORM. SEC 3006,1,4,10

6. IN NEW CONSTRUCTION, THE MINIMUM SIZE OF LANDINGS SHALL BE 80° BY 80°. OTHER DIMENSIONS MAY BE SUBSTITUTIED WHERE IT CAN BE DEMONSTRATED THAT A PERSON USING A WHEELCHAIR MEASURING 30° BY 46° CAN ENTIER AND OPERATE THE LIFT SAFELY.

7. THE TOP LANDING SHALL BE EQUIPPED WITH A DEVICE, DOOR, OR GATE 42" IN HEIGHT, EACH DOOR OR GATE SHALL BE EQUIPPED WITH BOTH MECHANICAL, AND ELECTRICAL CONTACTS WHICH PREVENT OPERATION OF THE PLATFORM UNLESS THEY ARE PROPERLY CLOSED. "CALL-SEND" CONTROLS SHALL BE PROVIDED AT EACH LANDING IN COMPLIANCE WITH CHAPTER 11B. WHERE PLATFORM LIFTS ARE USED TO PROVIDE BARRIER-FREE PATH OF TRAVEL REQUIREMENTS, THEY SHALL FACILITATE UNASSISTED EN OPERATION, AND EXIT FROM THE LIFT.
 SEC 2003.1-8.

9. SOUD, SMOOTH ENCLOSURES PROVIDED AS PER ASME 17.1 SHALL BE PROVIDED FOR THE PLATFORM LIFT, WHICH PROVIDES A REASONABLE DEGREE OF ASPETY FOR PERSONS WITH DEABLITIES USING THE LIFT AND OTHERS EXPOSED TO THE LIFT, EXCEPT AS PROVIDED IN SECTION 3008.1.4.7, PROVIDE INSTALLATION WITH SAFETY DEVICES THAT MAY BE REQUIRED PER SECTIONS 3008.1.4.5 THROUGH 3008.1.4.7.

NOTE: SPECIAL ACCESS (WHEELCHAIR) LIFTS MAY BE PROVIDED BETWEEN LEVEL IN LIEUO P PASSENGER ILEVATORS, WHEN THE VIETICAL DISTANCE BETWEEN LANDAIS, STRUCTURA DESIGN, AND SAFEGUARDS ARE AS ALLOWING BY THE STATE OF TH

CABRILLO

BUSINESS PARK

BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

ADA NOTES

11-18-09 0904

ADA-1

THESE NOTES ARE INCLUDED IN THEIR ENTIRETY FOR LIABILITY REQUIREMENTS ENTIRETY FOR LIABILITY REQUIREMENTS ONLY THOSE WHICH DIRECTLY APPLY TO THIS PROJECT SHALL BE CONSIDERED

. THE LIFT ASSEMBLY SHALL BE SECURELY SUPPORTED TO MAINTAIN THE PLATFORM IN A LEVEL POSITION AND TO PREVENT THE LOOSENING OR DISPLACEMENT OF ANY PORTION OF THE UNIT, ALL PORTIONS OF THE LIFT MACHINERY SHALL BE PROTECTED FROM INTRUSION OF WATER.

THE RATED SPEED OF THE PLATFORM SHALL NOT EXCEED 20 FEET PER MINUTE AND THE OPERATING CONTROL SHALL BE THE CONSTANT BY A PRESSON WITH A DISABILITY A PURPHASE ONLY A DISABILITY A PURPHASE CONTROL DESIGNED FOR USE BY PERSON WITH DISABILITIES OR A CONTROL THAT PROVIDES EQUAL SHAPEN FOR SEASON WITH OBJABILITIES OR A CONTROL THAT PROVIDES EQUAL SHAPEN FOR SEASON WITH OBJABILITIES OR A CONTROL THAT PROVIDES EQUAL SHAPINT SHAPEN SHA

I, WHEN THE LIFT IS HYDRAULICALLY OPERATED OR IS OF THE ELECTRIC-HYDRAULIC TYPE, RELEVELING SWITCHES SHALL BE PROVIDED TO REEP THE PLATFORM LEVEL WITH THE LANDING AT WHICH IT HAS BEEN PARKET

CORRIDORS & AISLES

EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44" IN WIDTH.

SEC 1130-8.1

S. CORRIDORS WHICH ARE LOCATED ON AN ACCESSIBLE ROUTE AND EXCEED 200 IN LENGTH SHALL HAVE A MINIMUM CLEAR WIDTH OF 67. IF AN ACCESSIBLE ROUTE HAS LESS THAN 67 CLEAR WIDTH, THEN PASSING SPACES AT LEAST 67 BY 69° SHALL BE LOCATED AT REASONABLE MITERIALS NOT 10 EXCEED 201. AT INTERSCION OF TWO CORRIDORS OR WALKS IS AN ACCEPTABLE PASSING PLACE.

L CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS AND IN NO CASE SHALL BE LESS THAN 36" IN CLEAR WIDTH. SEC 11058.3.6.1 & 11109.2.1

FLOORS & LEVELS

NOTE: LEVEL AREA IS DEFINED AS "A SPECIFIED SURFACE THAT DOES NOT HAVE A SLOPE IN ANY DIRECTION EXCEEDING 1/4 INCH IN ONE FOOT FROM THE HORIZONTAL (2.083% GRADIENT)".

IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTR RAMPS, PASSENGER ELEVATORS, OR SPECIAL ACCESS LIFTS. SEC 11208.

GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES, INCLUDING FLOORS, WALKS, RAMPS, STAIRS, AND CURB RAMPS, SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. SEC 11248.1 & 11208.2

CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP. SEC 1003.3.1.6.1A

IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, IT SHALL BE SECURELY ATTACHED; HAVE A FRIX CUSHION, PAO OR BACKING ON RIO CUSHON ON PAO, AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL. CUT PILE, OR LEVEL CUTFUNCUT PILE TEXTURE: THE MAXIMAN PILE REGIOTS SHALL BE IT'S. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE ENTRIE LENGTH OF THE EXPOSED EDGE. CARPET EDGE THE SHALL CHAPTED THE EXPOSED EDGE. CARPET EDGE THE SHALL CARPET EDGE THE SHALL COMPANY THIS SECTION. 1124B.2. SEC 11249.3. FIG 11B-7B(B)

SANITARY FACILITIES (GENERAL)

NOTE; FULLY DIMENSION ALL SANITARY FACILITIES AND FIXTURES, INCLUDING FLOOR DIMENSIONS AND FIXTURE ELEVATION DIMENSIONS

NOTE: THE DINISON OF THE STATE ARCHITECT OFFICE OF REGULATION SHOWN THE STATE ARCHITECT OFFICE OF REGULATION SHOWN THE STATE OF THE DINISON OF THE STATE OF THE S

DOORWAYS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4" THICK WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD, WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK AND 12" IN DIAMETER. SEC 11159.5

S. GEOMETRIC (CIRCLE & TRIANGLE) SYMBOLS ON SANITARY FACILITY DOORS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR. SEC 11169.5

SINGLE ACCOMMODATION

NOTE: SINGLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS NOT MORE THAN ONE OF EACH TYPE OF SANITARY FIXTURE, IS NITEMBED FOR USE BY ONLY ONE PERSON AT A TIME, HAS NO PARTITION AROUND THE TOLLT, AND HAS A DOOR THAT CAN BE LOCKED ON THE INSIDE BY THE ROOM OCCUPANT.

3. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A MINIMUM AS YEM DIC LEAR PROCE FROM A RIVINDE OR A MINIMUM AS YEM OF CLEAR SPACE FROM A WALL AT ONE SIDE. THE OTHER SIDE SHALL PROVIDE BY FROM THE CENTRELINE OF THE WATER CLOSET TO THE WALL A MINIMUM 49 CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. SECTION 27. EPIST 27. EFG 131-57.

4. ALL DOORS, FOTURES AND CONTROLS SHALL BE ON AN ACCESSIBLE ROUTE WITH A MINIMUM CLEAR WIDTH OF 3° EXCEPT AT DOORS, IF A PERSON IN A WHEELCHAR MISSY MAKE A TUMA AROUND AN EXPENSION AND WHIELCHAR MISSY MAKE A TUMA AROUND AN EXPENSIVE AND A SHALL BE AS SHOWN IN FIGURE 118-92.

SANITARY FACILITIES

NOTE: MULTIPLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS MORE THAN ONE SANITARY FACTURE, IS INTENDED FOR THE USE OF MORE THAN ONE PERSON AT A TIME, AND WHICH USUALLY IS PROVIDED WITH PRIVACY COMPARTMENTS OR SCREENS SHELDING SOME FACTURES FROM VIEW.

SEC 218

A CLEAR SPACE MEASURED FROM THE FLOOR TO A MEIGHT OF 27ABOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT
SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER FOOT LESS THAN 60, OR A
CLEAR SPACE 66' 90' 63" IN SIZE, SHALL BE PROVIDED FOR WHEELCHAIR
MAKEUVERING, DOORS OTHER THAN THE DOOR TO THE ACCESSIBLE
TOILET COMPARTMENT IN ANY POSITION MAY ENCROACH INTO THIS
SPACE BY NOT MORE THAN 72. SEC 11563.71. FIG 116-19

DOORS SHALL NOT SWING INTO THE FLOOR SPACE REQUIRED FOR ANY FIXTURE. SEC 11158.7.2

FALIUM. 600 THROLD.

A WITHOUT COST FINTURE LOCATED IN A COMPARTMENT SHALL PROVIDE
A MINIMUM 25" WIDE CLEAR SPACE FROM A PIXTURE OR A WINNIUM 32"
WIDE CLEAR SPACE FROM A WALL AT ONE SUB OF THE WATER CLOSET.
THE OTHER SIDE OF THE WATER CLOSET SHALL PROVIDE 15" FROM THE
CENTERLING OF THE WATER CLOSET TO THE WALL GRAB BARS SHALL
NOT PROJECT MORE THAN 3" INTO THESE CLEAR SPACES.
SEC 11169.7.1.3 FG 118-18

4. A MINIMUM ART CAND CLEAR EPACES SHALL BE PROVIDED IN PECHT OF THE WATER CLOSET IF THE COMPRETMENT HER WAS BEEN OPENING FOR FORCE OF THE WATER CLOSET JAND A MINIMUM 89 LONG CLEAR SPACE SHALL BE PROVIDED IN PROVIDED TO THE WATER CLOSET IF THE COMPATIBIENT HAS A DOOR LOCATED AT THE SIDE. GRAB BARS SHALL SEED LISTS JAND THE WATER CLOSET IF THE COMPATIBIENT HAS A DOOR LOCATED AT THE SIDE. GRAB BARS SHALL SEED LISTS JAND THE WATER CLOSET IF THE STATES.

5. WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS MAJITOMATIC-CLOSING DISPUGE, AND SHALL HAVE A CLEAR, END WAS A STAFF OF THE SIDE WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.

. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U.SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL BE FUP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.

8. EXCEPT FOR DOOR OPENING WIDTHS AND DOOR SWINGS, A CLEAR, UNDSSTRUCTED ACCESS NOT LESS THAN 4" SHALL BE PROVIDED TO WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY PERSONS WITH DISABILITIES AND THE SPACE IMMEDIATELY IN FRONT OF A WATER CLOSET COMPARTMENT SHALL BE NOT LESS THAN 4" AS MEASURED AT A RIGHT ANGLE TO COMPARTMENT DOOR IN ITS CLOSED POSITION.

8. WHERE STATES ARE PROVIDED WITHIN A MULTIPLE
ACCESSION TO THE TROOM, IN ADDITION THE STANDARD
ACCESSION STALL REFERENCE STANDARD
AND THE STANDARD STANDARD
AND THE STANDARD

1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SMALL BE A MINIMUM OF 17" AND A MAXIMUM OF 15" MEASURED TO THE TOP OF A MAXIMUM 2" HIGH TOTILET SEAT, EXCEPT THAT 3" SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15" HIGH. SEC 1502

2. A CLEAR FLOOR SPACE 30" BY 48" SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJUN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND NTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. SEC 11158,9.1.1. FIG 118-1

LAWYTORES THAT ARE DESIGNITED YO SE ALCESSIBLE SHALL BE WINTED WITH THE BLIGH OF COMMENTE BOOK ON ADDRESS THEM, HE ARE WINTED WITH THE BLIGH OF COMMENTE BOOK ON ADDRESS THEM HE ARE E FINISHED R. COR AND WITH A VERTICAL CLEARANCE MEASURED WOM THE BOTTOM OF THE ARPON OR OUTSIDE BOTTOM EDGE OF THE WITHOUT OF 29, REDUCING TO 27 AT A POINT LOCATED IT SACK FROM THEM ALMINAUM OF 37 IN WORTH BY 17 IT NO BETT, DOE CLEARANCE. SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR AND A MINIMUM OF 17" DEEP FROM THE FRONT OF THE

5. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR FLOOR SPACE 30" BY 48" IN FRONT OF THE URINAL TO ALLOW FORWARD APPROACH, SEC 1115B.9.4

7. URINALS SHALL BE FLOOR MOUNTED OR WALL HUNG, WHERE ONE OR MORE WALL HUNG URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTION A MINIMUM OF 1° FROM THE WALL AND AT A MAXIMUM OF 17° ABOVE THE FLOOR SHALL BE PROVIDED.

WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR, SEC 1902, 1502.2, 6 1504.3

D. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OFERATING MECHANISM CONTROLS, SHALL BE NO GRATER THAN S. LEF, ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE.

SEC 1822, 1932, & 1504.3

. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. SEC 1504 5.

19. WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, AND OTHER SMILLAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAS ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40° FROM THE FINISHED PLOOR. 14. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN FIZ* OF THE PRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19 FROM THE FLOOR, DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED. SEC 11158-93. FIG 118-10.

S GRABBARS GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE AND THE BACK OF THE ACCESSIBLE TOLLET STALL OR COMPARTMENT. SEC 11158.8.1. FIG 118-1, 8, & C

2. GRAS BARS AT THE SIDE SHALL BE AT LEAST 42° LONG WITH THE FRONT END POSITIONED 24° IN FRONT OF THE WATER CLOSET STOOL AND WITH THE BACK SND POSITIONED NO MORE THAN 12° FROM THE REAR WALL, GRAS BARS AT THE BACK SHALL BE NOT LESS THAN 36° LONG. SEC 11198.3. I.PG 1191-18, B. & C

4. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-144 TO 1-1-2" OR THE SHADE SHALL BROWDE AN EQUIDAL BAY COURSE.

5. THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS: SEC 11158.8.3

B. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAY BY THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTHING BRACKE OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSONAL, SHEAR STRESSES SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.

D. TENSILE FORCE NOUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB POINT LOAD, PLUS THE WAXMULA MOMENT FROM THE TOTAL ALLOWABLE WHITE PARTY OF THE TOTAL LOAD ALLOWABLE WHITE PARTY OF THE TOTAL STRUCTURE. STRUCTURE STRUCTURE SEC 1159.8.3.4

E. GRAB BARS SHALL NOT KOTATE WITHIN THEIR FITTINGS. SEC 11158.8.3.5

Q. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL 8E FREE OF ANY SHARP OR ASRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 16°.
SEC 11198.84

T. BATHING FACILITIES & LOCKERS

1. WHERE FACILITIES FOR BATHING ARE PROVIDED FOR THE PUBLIC, CLIENTS, OR EMPLOYEES, INCLUDING SHOWERS, BATHTUBS, OR LOCKERS, AT LEAST ONE SUCH FACILITY, AND NOT LESS THAN 1% OF ALL FACILITIES SHALL BE MADE ACCESSIBLE. SEC 11158,6

2. PROVIDE A CLEAR FLOOR SPACE WITH MINIMUM DIMENSI ADJACENT TO BATHTUB. SEC 11159.6.1.1. FIG 118-8

4. BATHTUBS SHALL BE PROVIDED WITH A SHOWER SPRAY UNIT HAVING A HO AT LEAST 60' LONG THAT CAN BE USED AS A FIXED SHOWER HEAD OR AS A

NCLUDING ATTACHMENTO, 10 11158.8.3. SEC 11198.6.1.2. FIG 118-8 & 98

6. FAUCETS AND OTHER CONTROLS FOR BATHTUBS SHALL BE LOCATED BETWEEN TOP OF TUB AND GRAB BAR, SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE THOIT GRASHING, INFOLMING OR THIS TING OF THE WRIST. THE PORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAT S POUNDS. SEE 11138.6.1.4.1.FG 118-98 7. IF PROVIDED, ENCLOSURES FOR BATHTUBS SHALL NOT OBSTRUCT CONTROL OR TRANSFER FROM WHEELCHAIRS ONTO BATHTUB SEATS OR INTO TUBS. ENCLOSURES ON BATHTUBS SHALL NOT HAVE TRACKS MOUNTED ON THEIR RIMS, SEC 11198.8.1.8.4 1506

8. SHOWERS SHALL BE EITHER 80° MINIMUM IN WIDTH BETWEEN WALL SURFACE
AND 30° MINIMUM IN DEPTH WITH A FILL OPENING WIDTH ON THE LONG
STOE, OR 42° M MOTH SETWEEN WALL SUPFACES AND 46° MINIMUM IN
DEPTH WITH AN ENTRANCE OPENING OF 42°, AS AN ALTERNATIVE. SHOWERS
SO MINIMUM IN WIDTH MAY BE 30° MINIMUM IN DEPTH AS LONG AS THE
ENTRANCE OPENING WIDTH IS A MINIMUM IN DEPTH AS LONG AS THE
SECTISES AS L. FIG 118-24, 25, 3, 20

THE MAXIMUM SLOPE OF THE FLOOR SHALL BE 2% IN ANY DIRECTION. WHERE DRAINS ARE PROVIDED, GRATE OPENINGS SHALL BE A MAXIMUM OF 16" AND LOCATED FLUSH WITH THE FLOOR SURFACE. FOR DRAIN LOCATION, SEE FIGURES 118-24, 26, 420.
 SEC 1158-6, 24.4

10. WHEN A THRESHOLD OR RECESSED DROP IS PERMITTED, AT COMPARTMENT SHOWERS, IT SHALL BE A MAXIMUM OF IZ? IN HEIGHT AND SHALL BE BEVELED OR SLOPED AT AN HOLE NOT EXCEEDING 45 BEOREES FROM THE MORIZONTAL, SEC 11158.62.2 FIG 118-28.4 28 11. THE FOLLOWING COMPARTIMENT SHOWER ACCESSORIES SHALL BE PROVIDED A A FOLDING SEAT LOCATED WITHIN 27 OF THE CONTROLS, MOUNTED 16" ADDIVE THE FLOOR, AND WITH A MINIMUM SPACE OF "AND A MINIMUM SPACE

B. AN L-SHAPED GRAB BAR MOUNTED BETWEEN A MINIMUM OF 33" AND A MAXIMUM OF 36" ABOVE THE SHOWER FLOOR AND MOUNTED ON WALLS OPPOSITE AND ADJACENT TO THE FRONT EDGE OF THE SET, BUT NOT EXTENDED TO INCLUDE THAT PORTION OF WALL OVER THE LONG SIDE OF THE SEAT

WYER CONTROLS OF A SINGLE LEVER DESIGN LOCATED ON THE SDEW, BY THE SHOMER ADJACENT TO THE SEXT, AND MOUNTED AT 40° + 12 AED THE SHORE OF AN EXECUTION OF THE SEXT AND THE STATE OF THE SEXT AND THE SEX REACH RANGE OF NO LESS THAN 15° AND NO MORE THAN 24° FROM THE REAR EOGS OF THE SEAT. THE CONTROLS SHALL BE OPERABLE WITH A MAXIMLAW FORCE OF SPLF. IMUM FORCE OF SPLF. 11158.8.2.4.1 & 1505.1. FIG 118-2A. 2B. & 2D

E. A SOAP DISH, WHEN PROVIDED, LOCATED ON THE CONTROL WALL AT A MAXIMUM HEIGHT OF 40" ABOVE THE SHOWER FLOOR AND WITHIN REACH

3. AT EMBLE HAND-BELD SHOWER UNIT WITH A MOSE AT LEAST OF LOWE PROVIDED WITHIN REACH PANIES OF THE SEAT AT A DISTANCE WOTTO EXCEED 27 HORIZOATALLY, MEASURED FROM THE REAR SEAT EDOE TO THE CENTERLING OF THE MOUNTING BRACKET, THIS UNIT SHALL BE MOUNTED ATA MAXIMUM HEIGHT OF 48° + 1" ABOVE THE SHOWER FLOOR. SEC 111696.24.24 10512. THIS LAZ 28

12. THE FOLLOWING OPEN SHOWER ACCESSORIES SHALL BE PROVIDED A. A FOLDING SEAT LOCATED WITHIN 27" OF THE CONTROLS, MOUNTED 18" ABOVE THE FLOOR, AND WITH A MINIMUM SPACE OF 1" AND A MAXIMUM SPACE OF 1-1/2" ALLOWED BETWEEN THE EDGE OF THE SEAT

MAXIMUM SPACE OF 1-1/2" ALLOWED BETWEEN THE EDDE OF THE SEAT AND ANY WALL WHEN FOLDED, THE SEAT SHALL NOT EXTEND MORE THAN 6" FROM THE MOUNTING WALL. SEE FIGURE 118-2C FOR SEAT SIZE AND CONFIGURATION. SEC 11159.8.2.4.5.1 & 11159.6.3. FIG 118-2C 8. THE SHOWER LOCATED BY A CORNER WITH AN L-SHAPED OR TWO GRAB BARS, A MINIMUM OF 24" IN LENGTH AND A MINIMUM OF 35" BY LENGTH, WITH 185" GRAB BAIL COCKTED OF THE WALL HAWING THE LENGTH, WITH 185" GRAB BAIL COCKTED OF THE WALL HAWING THE PORTION OF WALL OWER THE LONG SIDE OF THE SEAT, GRAB BARS SHALL BE MOUNTED BETWEEN A MINIMUM OF 33" AND A MAXIMUM OF 35" ABOVE THE SHOWER FLOOR. SEC 11158.25.4.25.4 11138.2. FIG 118-2C C. GRAB BARS COMPLYING WITH THE DIAMETER, LOADING, AND PROJECTION REQUIREMENTS OF SECTIONS 1115B.8.2 THROUGH 1115B.8.4. SEC 1115B 6.2.4.5.2

D. WATER CONTROLS OF A SINGLE LEVER DESIGN LOCATED ON THE SIDE WALL OF THE SHOWER ADJACENT TO THE SEAT AND MOUNTED AT 40° + T ABOVE THE SHOWER ROLOC, AND THE CENTERLINE OF THE CONTROLS SHALL BE WITHIN A REACH RANGE OF NO LESS THAN 18 AND MORE THAY 2° FROM THE REAR DEGG OF THE SEAT. THE CONTROLS SHALL BE OFFERABLE WITH A WADMUM FORCE OF SPLF. SEC 11158.24.14 1935.1.16 101.

E. A SOAP DISH, WHEN PROVIDED, SHALL BE LOCATED ON THE CONTROL WALL AT A MAXIMUM HEIGHT OF 40' ABOVE THE SHOWER FLOOR, AND WITHIN REACH LIMITS FROM THE SEAT.

F. A FLEXIBLE HAND-HELD SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60' LONG PROVIDED WITHIN REACH PANGE OF THE SEAL AT A DISTANCE NO TO THE CENTENLE OF THE MOUNTING BRACKET. THIS UNIT SHALL BE MOUNTED AT A MAXIMAN HEIGHT OF 48' +1' ABOVE THE SHOWER FLOOR SEC 11586.24.24 1905.21' RI 18-20'

13. SHOWERS SHALL BE FINISHED WITH A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL TO A HEIGHT ON OT LESS THAN TO ABOVE THE DRAWN INLET. MATERIALS OTHER THAN STRUCTURAL ELEMENTS USED IN SUCH WALLS SHALL BE OF A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE.

. WHERE, WITHIN THE SAME FUNCTIONAL AREA, TWO OR MORE ACCESSIBLE SHOWERS ARE PROVIDED, THERE SHALL BE AT LEAST ONE SHOWER CONSTRUCTED OPPOSITE HAND FROM THE OTHER OR OTHER OR, ORE LEFT HAND CONTROL VS. RIGHT HAND CONTROL.

HEAD SHALL BE INSTALLED SO THAT IT CAN BE OPERATED INDEPENDENTLY OF THE OTHER AND SHALL HAVE SWIYEL ANGLE ADJUSTMENTS, BOTH VERTICALLY AND HORIZONTALLY. ONE SHOWER HEAD SHALL BE LOCATED AT A HEIGHT OF 48" + 1" ABOVE THE FLOOR. SEC 11158,62.43 8 1605.

6. ENCLOSURES, WHEN PROVIDED FOR SHOWER STALLS, SHALL NOT OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO SHOWER SEATS.

GLAZING USED IN DOORS AND PANELS OF SHOWER AND BATHTUB ENCLOSINES SHALL BE PILLY TEMPERED, LAWINATED SAFETY GLASS. THE PROPERTY OF THE PROPERT

PLASTICS USED IN DOORS AND PANELS OF SHOWERS AND BATHTUB ENCLOSURES SHALL BE OF A SHATTER-RESISTANT TYPE. SEC 11158.9.9

3. AT LEAST ONE AND NOT LESS THAN 1% OF ALL LOCKERS SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES, INCLUDING CLEAR SPACE, REACH RANGE REQUIREMENTS, AND A PATH OF TRAVEL NOT LESS THAN 36" IN CIEAR WIDTH TO THESE LOCKERS.

I. IN NEW CONSTRUCTION, WHERE ONLY ONE DRINKING FOUNTAIN AREA IS PROVIDED ON A FLOOR. THERE SHALL BE A DRINKING FOUNTAIN WHICH IS ACCESSIBLE TO INDIVIDUALS WHO USE WHEEL GHARS BY ACCORDANG IN A CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CASE OF THE CONTROL OF THE CASE OF THE CONTROL OF THE CASE OF TH

DRINKING FOUNTAINS SHALL BE A MINIMUM OF 18° IN DEPTH AND THERE SHALL BE A CLEAR AND UNOBSTRUCTED KNEE SPACE UNDER THE SHIRKING FOUNTAIN NOT LESS THAN 27° IN HEIGHT AND 8° IN DEPTH, THE DEPTH MEASUREMENT BEING TAKEN FROM THE FRONT EDGE OF THE FOUNTAIN. SEC. 1507. F. [6] 118-3

 THERE SHALL BE TOE CLEARANCE OF 9" IN HEIGHT ABOVE THE FLOOR, AND 17" IN DEPTH FROM THE FRONT EDGE OF THE FOUNTAIN. SEC 1807.1 5. A SIDE APPROACH DRINKING FOUNTAIN IS NOT ACCEPTABLE. SEC 1507-1

THE DRINKING FOUNTAIN BUBBLER SHALL BE ACTIVATED BY A MANUALLY OPERATED SYSTEM NOT REQUIRING A FORCE GREATER THAN SLBF, THAT IS LOCATED WITHIN 6 TO THE FRONT EDGE OF THE FOUNTAIN OR AN ELECTRONICALLY CONTROLLED DEVICE (PREFERABLY). 7. THE BUBBLER OUTLET ORIFICE SHALL BE LOCATED WITHIN 6" OF THE FRONT EDGE OF THE DRINKING FOUNTAIN AND WITHIN 36" OF THE FLOOR. THE WATER STREAM FROM THE BUBBLER SHALL BE SUBSTANTIALLY PARALLE. TO THE FRONT EDGE OF THE DRINKING FOUNTAIN. SEC 1507.21. FIG 118-3

/. PUBLIC TELEPHONES

IF PUBLIC TELEPHONES ARE PROVIDED, THEY SHALL BE MADE ACCESSIBLE TO THE EXTENT REQUIRED BY THE FOLLOWING TABLE: SEC 1117R 2.1

| # OF EACH TYPE OF TELEPHONE PROVIDED ON EACH FLOOR | MINIMUM # OF TELEPHONES REQUIRED TO COMPLY WITH 1117B.2* |
|---|--|
| 1 OR MORE SINGLE UNITS | OR AT LEAST 50% OF TELEPHONE UNITS PER FLOOR |
| 1 TELEPHONE BANK | I OR AT LEAST 50% OF TELEPHONE UNITS PER BANK |
| 2 OR MORE BANKS | 1 OR LEAST 50% OF TELEPHONE UNITS PER BANK AT LEAST 1 TELEPHONE PE PLOOR SHALL MEET THE REQUIREMENT FOR A FORWARD REACH TELEPHONE |
| | 1 OR MORE SINGLE UNITS 1 TELEPHONE BANK |

* ADDITIONAL PUBLIC TELEPHONES MAY BE INSTALLED AT ANY HEIGHT

A CLEAR FLOOR OR GROUND SPACE AT LEAST 30° BY 48° THAT ALLOW EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES. SEC 1117B.2.2. FIG 11B-4

BASES, ENCLOSURES, AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIR:

THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN 48° OF THE FLOOR IF FORWARD APPROACHED AND 54° IF SIDE APPROACHED. SEC 11178-2.6. FIG 11B-4

6. THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29" LONG. SEC 11178 2.11

 TELEPHONES SHALL HAVE PUSH-BUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE.
 SPC 11178 2 10 C. IF ONLY A PARALLEL APPROACH IS POSSIBLE AND THE REACH DEPTH TO THE OPERABLE PARTS OF ANY CONTROL AS MEASURED FROM THE VERTICAL PLANE PERSPENDICULAR TO THE EDGE OF THE UNDESTRUCTED AT THE FARTHEST PROTRUSION OF THE ATM OR SURROUND IS NOT MORE THAN 10'T THE MAXIMUM HIGHIGHT TO OPERABLE PARTS OF ANY CONTROL FROM THE FLOOR SHALL BE S4'.

D. IF ONLY A PARALLEL APPROACH IS POSSIBLE AND THE REACH DEPTH TO THE OPERABLE PARTS OF ANY CONTROL AS MEASURED FROM THE VERTICAL PLANE PERPENDICULAR TO THE EDGE OF THE UNDOSTRUCTED CLEAR FLOOR SPACE AT THE PARTHEST PROTRUSION OF THE ATM OR SURRICHIO IS MORE THAN 10°, THE MAXIMUM HEIGHT TO THE OPERABLE PARTS OF ANY CONTROL FROM THE FLOOR SHALL BE 8. IF TELEPHONE ENCLOSURES ARE PROVIDED, THEY SHALL COMPLY WITH THE FOLLOWING: SEC 11178.2.7

C. ENTRANCES TO FULL-HEIGHT ENCLOSURES SHALL BE 30" MINIMUM. SEC 1117B 2.7.2. FIG (18-4/8)

D. WHERE TELEPHONE ENCLOSURES PROTRUDE INTO WALLS, HALLS, CORRIDORS OR AISLES, THEY SHALL COMPLY WITH SECTION 11218. SEC 11178.2.7.4

SOUND WAVES. HEARING AID COMPATIBLE AND SHALL BE IDENTIFIED BY A SIGN SEC 1117B.2.8

1. TEXT TELEPHONES SHALL COMPLY WITH THE FOLLOWING: SEC 11178.2.9.2

9. TELEPHONES SHALL SE EQUIPPED WITH A RECEIVER THAT GENERATES A MAGNETIC FIELD IN THE AREA OF THE RECEIVER CAP. IF SANKS O FRUIT EXEMPLE AND A TOTAL OF THE LEMBER OF PUBLIC FIELD PROVES. OF THE TOTAL FLANGER OF PUBLIC FIELD PROVES. OF THE TOTAL FLANGER OF PUBLIC FIELD PROVES. OF THE TOTAL FLANGER OF PUBLIC FIELD PROVES. SHALL BE CAPABLE OF A MINIMUM OF 12 DBA AND A MAXIMUM OF 18 DBA ABOVE NORMAL. FAR AUTOMATIC RESET IS PROVIDED, 18 DBAMY BE EXCEEDED PUBLIC FLEPHONES WITH VOLUME CONTROL SHALL BE CONTAINING A DEPICTION OF A TELEPHONE MADDES TWITH ADDITION.

TEXT TELEPHONES USED WITH A PAY TELEPHONE SHALL BE PERMANENTLY AFFECTOR WITHIN OR ADJACENT TO THE TELEPHONE BEALCOKER (TO PROTECTION OF THE TELEPHONE CORD TO THE TELEPHONE CORD TELEPHONE AND TELEPHONE ROTELEPHONE RECEIVER.

8. PAY TELEPHONES DESIGNED TO ACCOMMODATE A PORTABLE TEXT TELEPHONE SHALL BE EQUIPPED WITH A SHELF AND AN ELECTRICAL OUTLET WITHOUT OR ADJACENT TO THE TELEPHONE ENCLOSURE. THE TELEPHONE HANDSET SHALL BE CAPABLE OF BERN PLACED FLUSH ON THE SUBFACE OF THE SHELF. THE SUPER SHALL HAVE OF MINIMUM PROPERTY OF THE SHELF SHALL HAVE THE TEXT TELEPHONE IS TO

C. EQUIVALENT FACILITATION MAY BE SUBSTITUTED FOR THE ABOVE REQUIREMENTS AS DESCRIBED IN SECTION 1117B.2.9.2. SEC 1117B.2.9.2.3

D. TEXT TELEPHONES SHALL BE DENTIFIED BY THE INTERNATIONAL TOD
SYMBOL ISSET ROUBE 198-16, HE AFRICIATY HAS A PUBLICITED.
TELEPHONE, DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF THE
NEAREST SUCH TELEPHONE SHALL BE PLACED DADACENT TO ALL BANKS
OFFIETHOMES THAT DO NOT NOWING AT THE TELEPHONE, SUCH
OFFIETHOMES THAT DO NOT NOWING AT THE THE TREPHONE, SUCH
OFFIETHOMES THAT DO NOT NOT THE THE THE THAT SYMBOL
IF A FACILITY HAS NO BANKS OF TELEPHONES, THE DIRECTIONAL
SIGNAGE SHALL BE PROVIDED AT THE ENTRANCE OR IN A BUILDING
DIRECTION. SEC 1119 2.3 9

NOTE: 1. AUTOMATED TELLER MACHINE (ATM) MEANS "ANY ELECTRONIC INFORMATION PROCESSING DEVICE, INCLUDING A POINT OF SALES INFORMATION PROCESSING DEVICE, INCLUDING A POINT OF SALES INFORMATION PROCESSING DEVICE. INCLUDING A POINT OF SALES INFORMATION OF THE PRIMARY ENGINE OF EXECUTION FOR THE PRIMARY ENGINEER OF THE PRIMARY ENGINEER OF THE PRIMARY ENGINEER MACHINE INCLUDES FANCING THE PRIMARY ENGINEER MACHINE INCLUDES THE PRIMARY ENGINEER THE PRIMARY ENG

2. ATM SITE MEANS "THAT IMMEDIATE AREA WHICH IS WITHIN OR MADE OR TO BE MADE PART OF AN EXISTING BUILDING OR A BUILDING TO BE CONSTRUCTED, AND TO WHICH ONE OR MORE ATMS IS OR SHALL BE

. ATM INSTALLATION MEANS "A SINGLE ATM STRUCTURALLY AFFIXED TO A BUILDING OR OTHER STRUCTURE". SEC 1117B.7.1.3

DRIVE-UP-ONLY ATM'S ARE NOT REQUIRED TO COMPLY WITH THIS

2. ALL POINT OF SALES MACHINES USED BY CUSTOMERS FOR THE PRIMARY PURPOSE OF EXECUTING TRANSACTIONS BETWEEN THE BUSINESS ENTITY AND THE CUSTOMER SHALL BE FULLY ACCESSIBLY AND COMPLY WITH SECTION 1117B.1.3 SEC 1110B.1.4

4. LED, CATHODE RAY, OR OTHER SCREEN DEVICES INTENDED TO BE VIEWED BY THE USER SHALL BE POSITIONED SO THEY ARE READILY VISIBLE TO AND USABLE BY A PERSON SITTING IN A WHEELCHAIR WIT APPROXIMATE EYE LEVEL OF 45 AND SHALL COMPLY WITH THE POLLOWING REQUIREMENTS. SEC 11178.75.

A. IF MOUNTED VERTICALLY OR TIPPED NO MORE THAN 30 DEGREES AWAY FROM THE VIEWER, THE CENTER LINE OF SCREENS AND OTHER SCREEN DEVICES SHALL BE LOCATED A MAXIMUM OF 52" ABOVE GRADE. SEC 11178.7.5.1

C. IF MOUNTED AT AN ANGLE BETWEEN 60 DEGREES AND 90 DEGREES TIPPED AWAY FROM THE VIEWER, THE CENTER LINE OF SCREENS AND DEVICES SHALL BE LOCATED A MAXIMUM OF 34" ABOVE GRADE. SEC 11178.7.5.3

NOTE: ATMS ALLOWED TO BE UNREGULATED AS TO HEIGHT IN SECTIONS 1117B.7.4 THROUGH 1117B.7.4.3 ARE ALSO EXEMPT FROM REQUIREMENTS OF SECTION 1117B.7.5.

AFFIXED . SEC 11178,7.1.2

SECTION; SEC 11178.7.2 EXC. 4

MACHINE, SEC 1117B,7.4,1.1

E. IF BOTH A FORWARD AND PARALLEL APPROACH ARE POSSIBLE, OPERABLE PARTS OF CONTROLS SHALL BE PLACED WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN SECTIONS 11178.7.4.1.2 OR 11178.7.4.1.3. SEC 11178.7.4.1.4. FOR FORWARD APPROACH TELEPHONES, IF THE ENCLOSURE OVERHAND IS GREATER THAN 12". THE CLEAR WIDTH OF THE ENCLOSURE SHALL BE 30" MINMUM; IF THE CLEAR WIDTH OF THE ENCLOSURE IS LESS THAN 30", THE HIGHOT OF THE LOWEST OVERHANGING PART SHALL BE EQUAL TO OR GREATER THAN 27". THE SECTION 27, A IS 1184(4).

F. WHERE BINS ARE PROVIDED FOR ENVELOPES, WASTE PAPER, OR OTHER PURPOSES, AT LEAST ONE OF EACH TYPE PROVIDED SHALL COMPLY WIT THE APPLICABLE REACH RANGES SPECIFIED IN SECTIONS 11178.7.4.1.2, SEC 111727.4.1.5

WHERE TWO ATMS ARE PROVIDED AT A LOCATION, ONE SHALL COMPLY WITH SECTION 1117B 7.4.1 EXCEPT THAT THE HIGHEST OPERABLE PART SHALL BE 48" MAXIMUM. THE SECOND ATM IS NOT REGULATED AS TO HEIGHT, INCLUDING HEIGHT OF DISPLAY.

7. WHISE THREE OR MORE ATMS ARE PROVIDED, TWO SHALL BE USED TO SATISFY SECTION 117TB. J. 2. F.OR THE ADDITIONAL ATMS SECTION THE ADDITIONAL ATMS SECTION THE RESISTANCE OF THE ADDITIONAL ATMS SECTION THE REMANDER ARE NOT RESULATED AS TO HEIGHT, INCLUDING SECRIT OF DISPLAY, IF FEATURES PROVIDED DIFFER FROM ATM TO ATM, ALL FEATURES FROVIDED THE REMANDER AND SECTION THE ADDITIONAL BE COULT PREPRESENTED MONOT THE ACCESSIBLE. ATMS. SEC 1117B.7.4.3

19. IF A TOTAL OF FOUR OR MORE PUBLIC PAY TELEPHONES ARE PROVIDED AT THE INTERIOR AND EXTERIOR OF A SITE, AND IF AT LEAST ONE OF THE TOTAL IS IN AN INTERIOR LOCATION, THEN AT LEAST ONE INTERIOR PUBLIC TEXT TELEPHONE SHALL CARD-READER DEVICES AT FUEL DISPENSING FACILITIES NOTE: THE REQUIREMENTS CONTAINED IN THIS SECTION ARE APPLICABLE TO:
SEC. 102C

3. EXISTING MOTOR VEHICLE FUEL FACILITIES WHEN REMODELING INCLUDES RECONSTRUCTION OR REMOVAL AND REPLACEMENT OF FUEL ISLANDS AT FACILITIES THAT PROVIDE FREE-STANDING PEDESTAL CARD READERS.

NOTE: ALTERNATE CARD READER SHALL BE DEFINED AS A FUNCTIONALLY EQUAL CARD READER AND CONTROL DIRECTLY ATTACHED TO OR AN INTEGRAL PART OF THE FULL DISPENSER IN ADDITION TO THE PRIMARY CARD READER WHICH IS AN INTEGRAL PART OF THE DISPENSER. SEC. 1610.1.

NOTE: PATH OF TRAVEL SHALL INCLUDE THE CLEARANCE REQUIREMENTS STATED IN CHAPTER 118 FOR WHEELCHAIR RASSAGE WIDTH, AND RELATIONSHIP OF MANELUFERING CLEARANCES TO WHEELCHAIR SPACES, EXCEPT THAT PUMP NOZZLES AND HOSES MAY OVERLAP REQUIRED CLEARANCES, SEC. 1010.1

NOTE: TYPE OF MOTOR FUEL SHALL MEAN GASOLINE, DIESEL, COMPRESSED NATURAL GAS, METHANOL, ELECTRICITY, OR ETHANOL SEC. 11010.1 WHEN ONLY ONE CARC-READING DEVICE IS INSTALLED FOR USE WITH ANY TYPE OF MOTOR RUEL, IT SHALL MEET THE REQUIRED FEATURES DETAILED IN CORRECTION #3 BELOW. SEC. 1103C.

CARD-READING DEVICES AT MOTOR VEHICLE FUEL FACILITIES SHALL BE ACCESSIBLE BY COMPLYING WITH THE FOLLOWING FEATURES: SEC. 1104C, FIG 11C-1 & 11C-2

A THE HIGHEST OPERABLE PART OF EACH PRIMARY OR ALTERNATE CARD READER SHALL BE NO MORE THAN SY MEASURED FROM THE BASE OF THE FEATURE OF THE PARTY OF 8. AN ACCESSIBLE PATH OF TRAVEL SHALL BE PROVIDED TO THE BASE OF ALL FUEL DISPENSERS REQUIRED TO MEET THE PROVISIONS OF THIS SECTION. SUCH FUEL DISPENSERS SHALL BE MOUNTED ON THE ACCESSIBLE LEVEL AREA.

I. WHERE ATMS ARE PROVIDED FOR THE PUBLIC, THEY SHALL COMPLY WITH SECTION 11178.7. C. AN ACCESSIBLE LEVEL AREA SHALL BE PROVIDED WHICH IS MINIMALLY 50° BY 40° LEVEL AND CLEAR. THIS AREA SHALL BE PROVIDED WITHOUSE WITHOUT STREET AND A SHALL BE PROVIDED WITHOUSES WITHOUT BY ANY FEATURES, EXCEPT FUND PROZIZE AS WHO HOSES, WITH THE LONG SIDE OF THIS SPACE PARALLEL TO AND CENTERED (+ 97) WITH THE FACE OF THE CASH OFFADER CONTROLS.

 CONTROLS FOR USER ACTIVATION SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. SEC 11178.7.3 CONTROLS AND OPERATING MECHANISMS REQUIRED TO BE ACCESSIBLE BY SECTION 101.17.11 SHALL COMPLY WITH THE REQUIREMENTS OF

2. CLEAR FLOOR SPACE COMPLYING WITH SECTION 1118B.4 THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT. SEC 11178.6

CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS OF FORCE.
 SEC 1117B.6.4 1507.2A

S. NON-COMMERCIAL, KITCHEN AND COUNTER BAR SINKS LOCATED IN COMMON USE AREAS SHALL HAVE FALICET CONTROLS AND OPERATING MECHANISMS OPERBALES WITH ONE HAND IN ACCORDANCE WITH SECTIO 1118B AND SHALL NOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE IN GREATER THAN 5 FLF. LEVER-OPERATED, PUSH-TYPE, AND ACCEPTABLE DESIGNS, SELF-CLOSING VALVES ARE ALLOWED IF THE FAULUET REMAINS OPEN FOR AT LEAST 10 SECOND

A ARRIPT CHANGES IN LEVEL EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS OR FOUNTAINS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS, OR OTHER PEDESTRIAN WAYS, SHALL BE IDENTIFIED BY WARAING CURBS PROJECTING AT LEAST 6' IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL BOX OFF SEC 11380 F.

Z. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO WARNING CURB IS REQUIRED WHEN A QUIDERAIL IS PROVIDED CENTERED 3* + 1* ABOVE THE SUMFACE OF THE WALK OR SDEWAIL. THE WALK IS 5 PERCENT OR LESS GRADIENT, OR NO ADJACENT HAZARD EXISTS.

SEC 11328 B.F. IFG 1182/189

OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES. SEC. 11218.1. FIG 118-7A

4. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27"
ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT INTO WALKS,

HALLS, CORRIDORS, PASS SEC 11218.1, FIG 118-7A

5. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE GROUND OR FINISHED FLOOR. SEC 11219.1.

PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.

7. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES OR OTHER CIRCULATION SPACES SHALL HAVE 80° MINIMUM CLEAR HEAD ROOM. SEC 1121B.2. FIG 118-7A ANY OBSTRUCTION THAT OVERHANGS A PEDESTRIAN WAY SHALL BE A MINIMUM OF BO' ABOVE THE WALKING SURFACE AS MEASURED FROM THE BOTTOM OF THE OBSTRUCTION.
 SEC 11338.8.2, FIG 118-28

9. WHERE A GLY SUPPORT IS USED PARALLEL TO A PATH OF TRAVEL, INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, A GLY BRACE, SIDEWALK GLY OR SIMILAR DEVICES SHALL BE USED TO PREVENT AN OVERHANGING OBSTRUCTION AS DEFINED.

SEC 11398.8

10. TRANSIT BOARDING PLATFORMS SHALL HAVE A DETECTABLE WARNING TEXTURE EXTENDING THE FULL LENGTH OF THE LOADING AREA. THIS DETECTABLE WARNING TEXTURE SHALL HAVE THE FOLLOWING FEATURES: SEC 1138B 8.3

A. WIDTH 24" TO 36", PLACED AT THE EDGE OF THE DROP-OFF OR SAFE ARE/

A MIDITIAZY TOSS; PACEDIAT THE DEBIG OF THE UNIT-OFF (VIX.SIA-E AM B. DUFABLE, SUPFABLE TEXTURE COMPOSED OF PAUSED, TRUNCATED DOMES IN A STAGGERED PATEUR OF THE WITH A DUBANCHER OF POWER AND A GY AT THE BASET PAPERING TO DAS "AT OFF TOWNING A COMPOSED OF THE WAY OF THE TOWNING A COMPOSED OF THE TOWNING A SUSPENDE SHALL BE IN ACCORDANGE WITH CALIFORNIA STATE REPRENDED STAMOARDS CODE SECTION 12-11-102. THE DETECTABLE THE CONTRACT OF THE WAY OF THE WAY OF THE COMPOSED OF THE WAY OF

C. COLOR YELLOW CONFORMED TO FEBERAL COLOR NO 3238 AS SHOWN IN TABLE NOT STANDARD NO 5655. NEGRET THE COLOR NALE. CONTRAST SETWEEN THE VELOW WARRING NOT THE MAIN WALKING SURFACE IS LESS THAN 10%. A 1" WIDE BLACK STRIP SHALL SEPARATE THE YELLOW WARRING SURFACE IS LESS THAN 10%. A 1" WIDE BLACK STRIP SHALL SEPARATE THE COLOR THAN 10% AND AND SURFACE PERCENT OF CONTRAST SHALL BE DETERMINED BY THE FORMULA IN SECTION 11388 A3.

11339.8.3.

11. AT TRANSIT BOARDING PLATFORMS, THE PERSTRIAN ACCESS SHALL BE DEMTRIED WITH A DETECTABLE DIRECTIONAL TEXTURE. THIS DEMTRIED WITH A DETECTABLE DIRECTIONAL TEXTURE. THIS DEMTRIES OF THE DAY. WITH A DETECT TO THE DEMTRIES OF TO DAY. WITH BARS ANSIGE OF FROM THE SURFACE. THE ASSESS BARS SHALL BE 1.3 WIDE AND 3.0 FROM GENTER TO CENTER OF EACH BAR. THIS SURFACE SHALL DEMTRIES OF THE SURFACE SHALL DEMTRIES SHALL COMPLY WITH SECTION 1139 B.3. THE SURFACE MILL SHALL DEMTRIES SHALL DESTRIES SHALL DEMTRIES 12. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS, OR OTHER

SURFACES ARE NOT SEPARATED BY CONTINUES. INSURING A STATE BOUNDARY BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE, COMPLYING AA. SPACE ALLOWANCE & REACH RANGES THE MINIMUM CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT IS OF EYA ST, THE MINIMUM FLOOR OR GROUND SPACE SHALL BE TO AN ADJACENT SEATING SPACE; THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT, CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PATT OF THE KINES SPACE REQUIRED UNDER FOR WHEELCHAIRS MAY BE PATT OF THE KINES SPACE REQUIRED UNDER

SOME OBJECTS. SEC 1117B.2.3 & 1118B.4.1, FIG 11B-5A & 13 2. ONE FULL UNDESTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAR IS SHALL ADJUN OR OWERAP AN ACCESSIBLE ROUTE OR ANDIN ANOTHER WEELCHAR LOZER ROOR SPACE, IF A CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAR IS LOCATED IN AN ALONG FOR OTHERWISE CONNECT ON A WHEELCHAR IS LOCATED IN AN ALONG FOR OTHERWISE SOME OF THE OWNER OF THE SIDES, ADDITIONAL MARKEY/BRING CLEARANCES SHALL BE PROVIDED. SEC 11176.24.2 1116.24.2 IN 6118-54.

3. THE SPACE REQUIRED FOR A WHEELCHAIR TO MAKE A 180 DEGREE TURN IS A CLEAR SPACE OF 60° DIAMETER OR A T-SHAPED SPACE. SEC 11188.3. FIG 118-12(A) & (8)

4. THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36' WHERE THE OBSTRUCTION IS 48' OR MORE IN LENGTH AND 42' AND 48' WHERE THE OBSTRUCTION IS LESS THAN 48' INLENGTH.

5. THE MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR PASSAGE SHALL BE 32" AT A POINT (24" MAXIMUM LENGTH) AND 36" CONTINUOUSLY. SEC 1118B.1, FIG 11B-10

6. OPENINGS MORE THAN 24" IN DEPTH SHALL COMPLY WITH SECTIONS 1188.1 AND 11188.2. SEC 11338.1.1.1.1. FIG 118-10 & 11 7. THE MINIMUM WIDTH FOR TWO WHEELCHAIRS TO PASS IS 60".

SEC 11882. THE SECRET OF STACE ONLY ALLOWS FORWARD APPROACH TO A CRECT, THE MAXMUM HIGH FORWARD REACH ALLOWED SHALL BE 40 CREET THE MAXMUM HIGH FORWARD REACH IS 15. IF THE HIGH FORWARD REACH WOULD AND OSSITION OR BEACH IS 15. IF THE HIGH FORWARD REACH WOULD AND OSSITION OR ACTURED TO CLEARANCES SHALL BE AS SHOWN IN FIGURE 118-50(B).

9. IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HIGH SIDE REACH ALLOWED SHALL BE 54" MAD THE LOW SIDE REACH SHALL BE 10" LESS THAN 5" ABOVE THE FLOOR AS SHOWN IN FIGURES 118-50(A) & (B). IF THE SIDE REACH IS OVER AND OBSTRUCTION, THE REACH AND CLEARANCES SHAUSE SHAUSE SHOWN IN FIGURE 118-50(C). BB. EMPLOYEE WORK AREAS & WORK STATIONS EMPLOYEE WORK AREAS & WORK STATIONS
NOTE: 1. GENERAL EMPLOYEE AREAS ARE 'THOSE AREAS COMMONLY
USED BY MULTIPLE EMPLOYEES, SUCH AS RESTROOMS, BREAK ROOMS
CONFERENCE AND MEETING SPACE, ETC.: EVEN WHEN THESE AREAS
ARE RESTRICTED FOR EMPLOYEE USE ONLY, THEY MUST COMPLY WITH
TILE 24

CESSIBILITY REQUIREMENTS.

1. SEEDING VANUES TO THOSE IS INTENDED TO MEAN THATES WHERE IN MERCIN TO SEED AND THE WORK AS SOLD AS A PRESS CHAPPING SECRET WHICH AS THE WORK AS SOLD AS A CHAPTER SERVICE, IN A MOFFICE. THESE WORK STATIONS ARE NOT REQUIRED TO BE ACCESSIBLE. THESE WORK STATIONS ARE NOT REQUIRED TO BE ACCESSIBLE. THEMSELVES, EXCEPT THAT ASSLE AND FLOOR AND LEVEL REQUIREMENTS WINST BE AT LEAST 32'S IN CLEAR WIDTH. BUSION SERVICE AND ENTITYMENTS MUST BE AT LEAST 32° IN CLEAR WIDTH.

SPECIFIC WORK STATIONS, WITH THE EXCEPTION OF WORK STATIONS HIS
SALES FACILITIES, CHECKSTANDS. TICKET BOOTHS, AND OTHER WORK
STATIONS WITH SPECIFIC REQUIREMENTS CONTAINED IN OTHER
PORTIONS OF THE REGULATIONS, NEED ONLY COMPLY WITH AISLE WIDTH
AND PLOORS AND LEVELS, AND ENTRY-MAYS SHALL BE 32° IN CLEAR WIDTH, SEC 1123B.2

EMPLOYEE WORK AREAS SHALL BE ACCESSIBLE BY MEANS OF A 36* MINIMUM AISLE AND A 32* MINIMUM CLEAR OPENING DOOR WIDTH. SEC 1105B.3.2.3, 1105B.3.3.2, & 1108B.5

JDO Dyer

Arciditecture Englacering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818. 706. 2453



C-12762 (#C 10.934 (509.92-31-10

G.O. DYER NO. 934

IS DOCUMENT, AND THE IDEAS AND DESIGNS
EVERY, AS AN INSTRUMENT OF MORESSONAL
CES, IS THE PROPERTY OF JOD + ASSOCIATES IN
TO SHOT TO BE USED, IN WINGLE OR IN TAIT, FOR
PROJECT WITHOUT THE WINTER AUTHORIZATION
PROJECT WITHOUT THE WITHO

Revisions

CABRILLO **BUSINESS PARK BUILDING NO. 4**

GOLETA, CA **ADA NOTES**

HOLLISTER AVE

11-18-09

0904

own by:

ADA-2

THESE NOTES ARE INCLUDED IN THEIR ENTIRETY FOR LIABILITY REQUIREMENTS ENTIRETY FOR LIABILITY REQUIREMENTS ONLY THOSE WHICH DIRECTLY APPLY TO THIS PROJECT SHALL BE CONSIDERED

- CC. FIXED OR BUILT-IN SEATING, TABLES, & COUNTERS
- THE TOPS OF TABLES AND COUNTERS SHALL BE 26" TO 34" FROM THE FLOOR OR GROUND. SEC 1123.4
- 3. IF SEATING FOR PERSONS IN WHEELCHAIRS IS PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 10" DEEP SHALL BE PROVIDED. SEC 11228.3. FIG 18-13.
- 5. WHERE A SINGLE COUNTER CONTAINS MORE THAN ONE TRANSACTION STATION, SUCH AS (BUT NOT LIMITED TO) A BANK COUNTER WITH MULTIPLE TELER WINDOWS OR A RETAIL SALES COUNTER WITH MULTIPLE CASH REGISTER STATIONS, AT LEAST 56, BUT NEVER LESS THAN 1, OF EACH TYPE OF STATION SHALL BE LOCATED AT A SECTION OF COUNTER THAN 25 TO SALES SO LONG AND NO MORE THAN 26° TO 37 HIGH. SEC1 1228 4
- DD. SIGNS & IDENTIFICATION
- NOTE: THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY HAVISCALLY DISABLE OPERSONS AS SET FORTH IN TITLE 24 AND AS SPECIFICALLY REGUIRED BELOW. SEC 11778-3.1. FIG 118-9
- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BILUE BACKGROUND. THE BILUE SHALL BE EQUAL TO COLOR NO. 16990 IN FEDERAL STANDARD 5959.
 SEC 1117B.5.12
- 3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINSH FLOCK IN COMPLIANCE WITH SECTION 1121B, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".
- 4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKG EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. SEC 1179.5.2
- 5. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING: SEC 1178.5.6
- A LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32* MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE (CALIFORNIA BRAILLE SPACING). SEC 11178.5.6.1

- 6. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS, DOTS SHALL BE 1/10" ON CENTIERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS, DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND, SEC 11715.5.2
- 7. AL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT PLETY MAJOR SUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROLITE OF TRAVEL, SHALL BE ALONG WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING
- CTS OR STANDING WITHIN THE
- 9. POLE SUPPORTED PEDESTRIAN TRAFFIC CONTROL BUTTONS SHALL BE DENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURED HORIZONTAL PLELOW BAND 2 IN WIDTH ENGINGLING THE POLE, AND A 1" WIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND. COLOR CODING BHOLD BE FACED IMMEDIATELY ABOVE THE CONTROL BUTTON. COMTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 46" ABOVE THE SUPERACE ADJACENT TO THE POLE. SEC 11785.510
- EE. ASSEMBLY OCCUPANCIES

 1. PROVIDE SEATS/SPACES FOR PEOPLE USING WHEELCHAIRS SEC 11048.3.4.1 & 11048.3.42. TABLE 118-1

TABLE 11B-1

| OTAL SEATING CAPACITY | TOTAL # OF WHEELCHAIR SEATING SPACES REQUIRED |
|-----------------------|---|
| 4-26 | 1 |
| 27-50 | 2 |
| 51-300 | 4 |
| 301-500 | 6 |
| 501 & OVER | 6+1 ADDITIONAL FOR EACH TOTAL SEATING CAPACITY INCREASE OF 100 |

- 3. ONE PERCENT, BUT NOT LESS THAN ONE, OF ALL FIXED SEATS AISLE SEATS WITH NO ARMRESTS ON THE AISLE SIDE, OR RE OR FOLDING ARMRESTS ON THE AISLE SIDE. EACH SUCH SEA DR POLIDING ARMICES IS ON THE AIGH OF THE AIGH OF THE AIGH OF THE AVAILABILITY OF SUCH SEATS SHALL BE POSTED AT THE OFFICE. SEC 11048.3.4.1
- 4. AT LEAST ONE COMPANION FIXED SEAT SHALL BE PROVIDED NEXT TO EACH WHEELCHAIR SEATING AREA. SEC 11048.3.5
- EACH WHEELCHAIR SEAT/SPACE SHALL ADJOIN AN EGRESS AISLE ON AT LEAST ONE SIDE. SEC 11048.3.5.8, 11048.3.6
- 7. EACH WHEELCHAIR SEAT/SPACE SHALL BE LEVEL
- 8. READILY REMOVABLE SEATS MAY BE INSTALLED IN WHEELCHAIR SPACES WHEN SUCH SPACES ARE NOT BEING USED TO ACCOMMODATE WHEELCHAIR USERS. SEC 11048.3.7

- STAGES, ENCLOSED AND UNENCLOSED PLATFORMS, AND ORCHESTRA PITS SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES. SEC 1104B.3.11
- 11. PARTICIPATION AREAS SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES. PROVIDE WHEELCHAIR ACCESS TO SEC 11048 4.3
- 13. THE CUSTOMER SIDE OF A TICKET SOOTH SHALL BE, AND EMPLOYEE SIDE MAY BE, ACCESSIBLE TO PERSONS WITH DISABILITIES (STADIUMS, GRANDSTANDS, BLEACHERS, ATHLETO PAVILIONS, GYMNASIUMS, AND MISCELLANEOUS SPORT-RELATED FACILITIES).
 SEC 11048.42
- . CLUBROOMS AND SPECTATOR AND/OR PARTICIPANT SANITARY AND/OR LOCKER FACILITIES SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES. SEC 11048.4.4 & 11048.4.5
- NOTE: TYPES OF ASSISTIVE-LISTENING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO, AUDIO-INDUCTION LOOPS, RADIO FREQUENCY SYSTEMS (AM OR FM), AND INFRARED TRANSMISSION.
 SEC 11048.2.2
- NOTE: THE REQUIREMENTS FOR ASSISTIVE-LISTENING SYSTEMS DO NOT APPLY TO SYSTEMS USED EXCLUSIVELY FOR PAGING, OR BACKGROUND MUSIC, OR A COMBINATION OF THESE TWO USES. SEC 1104B.2 EXC.
- 1. ASSEMBLY AREAS, CONFERENCE ROOMS, AND MEETING ROOMS SHALL BE PROVIDED WITH ASSISTIVE-LISTENING SYSTEMS FOR PEOPLE WITH HEARING IMPAIRMENTS, SEC 11040.2
- . PROVIDE
 PERSONAL RECEIVERS FOR PEOPLE WITH HEARING
 MPAIRIMENTS (AT LEAST 4% OF THE TOTAL NUMBER OF SEATS BUT NO
 FEWER THAN TWO).
 SECTIONALS.
- 4. IF PORTRIELE ASSISTIVE-LISTENING SYSTEMS ARE USED FOR COMPERENCE ON HEETING TOOKS, THE SYSTEM MAY ESPECIAL COMPANIES OF HEETING TOOKS, THE SYSTEM MAY ESPECIAL COMPANIES OF HEAVILY OF THE SYSTEMS ARE REQUIRED IN AREAS IF (I) THEY ACCOMMOD AT LEAST SO PERSONS, OR HAVE AUDIO-AMPLIFICATION SYSTEMS, AND (2) THEY NAME POED SEATING.
- S. A SKIN WHICH INCLUDES THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED AND WORDING THAT STATES 'ASSISTIVE-LISTENING SYSTEM AVAILABLE' SHALL BE POSTED IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTIVE-LISTENING DEVICES. SEC 1108.2. HIG 118-14.
- WHEELCHAIR ACCESS SHALL BE PROVIDED TO ENCLOSED AND UNENCLOSED RAISED PLATFORMS AND STAGES, CHOIR ROOMS, CHOIR LOFTS, PERFORMING AREAS, AND OTHER SIMILAR AREAS. SEC 11048.6.2.2 & 1104.6.3
- 2. PROVIDE ______ SEATS/SPACES FOR PEOPLE USING WHEELCHAIRS AT SEC 1104B.6.2.1 & 1104B.3.1
- HH. SALES FACILITIES
- EMPLOYEE WORK STATIONS SHALL BE LOCATED ON ACCESSIBLE LEVELS AND SHALL BE SIZED AND ARRANGED TO PROVIDE ACCESS TO EMPLOYEES IN WHEELCHAIRS. SEC 1110B.12
- THE CUSTOMER SIDE OF SALES AND CHECKOUT STATIONS SHALL BE ACCESSIBLE. SEC 1110B.1.2
- PROVIDE

 NOLUDING SERVICE COCESSBLE CHECKSTANDS, CHECKSTANDS, INCLUDING SERVICE COUNTERS REQUIRING A SURFACE FOR TRANSACTIONS, SHALL BE MADE ACCESSBLE BY PROVIDING A MINIMUM MADE ACCESSBLE BY PROVIDING A MINIMUM ADJOINING COUNTER HEIGHT NOT EXCEEDING 35' ABOVE THE RINISHED FLOOR AND WITH THE TOP OF THE COUNTER LIP NOT TO EXCEED 40' ABOVE THE RINISHED FLOOR.

 SEC 1108.1.1.7 ARBLE 118.2

TABLE 11B - 2

| TOTAL # OF CHECKSTANDS | TOTAL # OF CHECKSTANDS REQUIRED TO BE ACCESSIBLE | | |
|--|---|--|--|
| 1-4 | 1 | | |
| 9-15 | 2 | | |
| OVER 15 | 3 | | |
| 3+20% OF ADDITIONAL CHECKSTANDS OVER 15 | 5-8 | | |

- 4. ACCESSIBLE CHECKSTANDS SHALL BE DENTIFIED BY A SIGN CLEARLY VISIBLE TO THOSE IN WHELE CHAIRS WHICH DISPLAYS THE WAY OF THE CHECKSTAND TO BE OPEN AT ALL TIMES FOR CUSTOMERS WITH DISABILITIES.

 SEC 1106.1.3
- WHERE "QUICK" CHECKSTANDS ARE PROVIDED, AT LEAST ONE SHALL BE ACCESSIBLE. SEC 1110B.1.3
- 6. IN EXISTING BUILDINGS BEING REMODELED, AT LEAST ONE CHECKOUT AISLE SHALL BE ACCESSIBLE IN FACILITIES WITH UNDER TOOD SQUARE FEET OF SELLING SPACE. IN A WESTING BUILDING, WITH 5000 OR MODE SQUARE FEET OF SELLING SPACE, AT LEAST ONE OF EACH DESIGN OF CHECKOUT AISLE SHALL BE MODE ACCESSIBLE WHEN AIT. TERED UNTIL IT NUMBER OF ACCESSIBLE CHECKOUT AISLES OF EACH DESIGN EQUALS THE NUMBER REQUIRED IN WECONSTRUCTION.
- . WHERE FITTING OR DRESSING ROOMS ARE PROVIDED FOR MALE OR FEMALE CUSTOMERS, PATENTS, EMPLOYES, OR THE GENERAL PUBLIC SPENCENT, BY THE ORDER OF DRESSING ROOMS FOR EACH CUSTER OF DRESSING ROOMS SHALL BE SECTIONAL THE SECTION OF THE
- A. ENTRY DOORS CONFORMING TO THE REQUIREMENTS OF SECTION 11338.2 AND AISLES LEADING TO SUCH DOORS CONFORMING TO SECTIONS 11338.6.1 & 11338.6.2
- 8. FULL-LENGTH MIRRORS AT LEAST 18" WIDE BY 54" HIGH, THE BOTTOM OF WHICH IS NO HIGHER THAN 20" FROM THE FLOOR, AND MOUNTED IN A POSITION AFFORDING A VIEW TO A PERSON ON THE SENCH AS WELL AS TO A PERSON IN A STANDING POSITION.
- D.A. 24" BY 46" BENCH MOUNTED ON THE WALL ALONG THE LONGER DIMENSION OF THE BENCH, TY TO A DOVE AS FOLOR WITH A CLEAR WEELCHARR TO MAKE A PARALLEL TRANSFER ONTO THE BENCH, THE STRUCTURAL STRENGTH OF THE BENCH AND ATTACHMENTS SHALL COMPLY WITH SECTION 1136.
- E. A MINIMUM CLEAR SPACE WITHIN THE ROOM OF 60" WIDTH BY 60" LENGTH, NO DOOR SHALL ENCROACH INTO THE REQUIRED SPACE.
- 6. WHERE SHOPPING CART THEFT PREVENTION BARRIERS ARE UTILIZED THEY SHALL CONFORM TO THE FOLLOWING REQUIREMENTS: SEC 1108.1.6
- B. SHOPPING CART BARRIERS LOCATED AT A PUBLIC ENTRANCE OR EXIT SHALL BE DESIGNED TO PROVIDE A CLEAR UNDESTRUCTED OPENING AT LEAST 32" IN WIDTH FOR INGRESS AND EGRESS OF PERSONS WITH DISABLE CIEF.

- D. WHERE GATES ARE USED, THEY SHALL OPEN IN THE DIRECTION OF TRAVEL, PROVIDE A CLEAR UNDESTRUCTED OPENING 32 IN WIDTH, AND THE PROVIDE AND THE PROVIDED OF THE PROVIDED OF OPERATE A PUBLICLY AUDILE ALARM SYSTEM OR REQUIRE MORE THAN S FOOTPOUNDS OF FORCE.
- F. WHEN A GATE IS USED, THE BOTTOM OF THE GATE SHALL BE WITHIN 5" OF THE SURFACE OF THE FATH OF TRAVEL. THE SURFACE OF THE GATE OF THE SURFACE OF THE FATH OF TRAVEL. THE SURFACE OF THE GATE PERSONS WITH DASALLINES USING THE GATE, AND STRUCTURALLY ADEQUATE TO ALLOW IT TO BE OPENED WITH THE WHEELCHAIR FOOT PEDALS. SEC 1106.1.6.5
- G. THE PATH OF TRAVEL TO AND THROUGH THE CLEAR OPENING OR CATE
 SHALL BE DESCRIPTO TO PREVENT MARKERS FROM CHESTRUCTING IT AND
 SHALL BE CONTINUOUSLY MAINT AIRCD LINGSTRUCTED DURING IT
 BUSINESS HOURS, ALSO, THE DESIGN SHALL SPECIFICALLY PREVENT
 PARKED VEHICLES FROM OBSTRUCTING INGRESS AND EGRESS.
 SEC 1108.18.20.
- . DINING, BANQUET, & BAR FACILITIES
- EACH AREA WHERE A DIFFERENT TYPE OF FUNCTIONAL ACTIVITY
 OCCURS SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES.
 PROVIDE WHEEL CHAIR ACCESS TO
 SEC 11048.53
- PROVIDE SEATS/SPACES FOR PEOPLE USING WHEELCHAIRS (AT LEAST ONE FOR EACH 20 SEATS, WITH AT LEAST PER FUNCTIONAL AREA, INTEGRATED WITH GENERAL SEATING TO HAVING ONE AREA SPECIFICALLY HIGHLIGHTED AS THE AREA FOR PERSONS WITH DISABILITIES. SEC 110B.5.
- A POOD SERVICE AISLES SHALL BE A MINIMUM OF 38° IN GLEAR WIDTH WITH A PREFERRED WIDTH OF 42° WHERE PASSAGE OF STOPPED WHEELCHARS BY PEDESTRIANS IS DESIRED. TRAY SLIDES SHALL BE MOUNTED NO HIGHER THANSAY ABOVE THE FLOOR. IF SELF-SERVICE SHELVES ARE PROVIDED, A REASONABLE PORTROM MUST BE WITHIN 34° SHELVES ARE PROVIDED, A REASONABLE PORTROM MUST BE WITHIN 34° SHELVES ARE PROVIDED, A REASONABLE PORTROM MUST BE WITHIN 34° SHELVES ARE WITHIN 34° SHE OF THE FLOOR. SEC 1104B.5.5. FIG 11B-16
- 5. TABLEWARE, DISHWARE, CONDIMENTS, AND FOOD AND BEVERAGE DISPLAY AND DISPENSING DEVICES, WHEN LOCATED ON TABLES OR COUNTER TOPS SHALL BE FLACED ZET TO SA AROUTE THE ADJACENT DISPENSION OF THE ADJACENT DISPENSION OF THE ADJACENT DISPENSION OF THE ADJACENT FLOOR, WHERE NOT THE ADJACENT FLOOR, WHENE NOT THE ADJACENT FLOOR WHENE NOT DESIGNED TO THE ADJACENT FLOOR WHENE NOT DESIGNED TO REACH OVER AN ABOVE THE ADJACENT FLOOR WHENE DESIGNED TO REACH OVER AN ABOVE THE ADJACENT FLOOR WHENE REQUIRED TO REACH OVER AN ABOVE THE ADJACENT FLOOR WHENE REQUIRED TO REACH OVER AN ASSISTALICTION AND OBSTRUCTION, AND NOT HOLD THE ADJACENT FLOOR WHENE REQUIRED TO REACH OVER AN ASSISTALICTION AND OBSTRUCTION WHICH AD DISEASE OF PERSONS IS REQUIRED TO REACH OVER SHALL BE NO HIGHER THAN 34" ABOVE THE ADJACENT FLOOR WITH A HORIZONTAL REACH OVER THE OBSTRUCTION
- ACCESS TO FOOD PREPARATION AREAS SHALL COMPLY WITH THE PROVISIONS FOR ENTRANCE DOORS AND DOORWAYS, SECTION 1004 AND AISLES, SECTIONS 1004.3.2.1 & 1004.3.2.2.
 SEC 1104.5.8
- J. EDUCATIONAL & LIBRARY FACILITIES
- I. TEACHING FACILITY CUBICLES, STUDY CARRELS, ETC., SHALL HAVE 5%, BUT ALWAYS AT LEAST ONE CUBICLE OR CARREL IN EACH GROUP MADE ACCESSIBLE AND USABLE IN COMPLIANCE WITH SECTIONS 1118B & 1122B. SEC 1106B.
- LIBRARY GENERAL USE AREAS SUCH AS THOSE HOUSING CARD FILES, BOOK STACKS, PERIODICALS, READING AND REFERENCE AREAS, INFORMATION DESKS, CIRCULATION COUNTERS, ETC., SHALL BE MADE
- 5. REACH HEIGHTS AT CARD CATALOGS AND MAGAZINE DISPLAYS, SHALL BE BETWEEN 15" AND 45" FOR FORWARD REACH AND BETWEEN 5" AND 54" FOR SIDE REACH WITH REACH OVER OBSTRUCTIONS IN ACCORDANCE WITH FIGURES 118-5C & AUGUST FIGURES 118-5C & AUGUST FIGURES 118-5C & AUGUST FIGURES 118-5C & AUGUST
- 6. UNLESS AN ATTENDANT IS AVAILABLE TO ASSIST PERSONS WITH DISABILITIES, ALL BOOK SHELVING SHALL BE LOCATED NOT MORE THAN 54" ABOVE THE FLOOR. SEC 1105B.4.3
- . IN FACTORIES, MAJOR OR PRINCIPAL FLOOR AREAS, OFFICE AREAS, AND SANITARY KK. FACTORIES & WAREHOUSES FACILITIES SERVING THESE AREAS SHALL BE MADE ACCESSIBLE. SEC 1107B.1.1 THROUGH 1107B.1.3
- 2. IN WAREHOUSES, MISCELLANEOUS WAREHOUSING AREAS WHICH ARE LOCATED ON THE ROOM REAMEST GRADE AND THOSE AREAS ON OTHER FLOORS THAT ARE OTHERWISE PROVIDED WITH ACCESS BY LEVE ENTRY. THESE AREAS SHALL BE MADE ACCESSIBLE WITHARY FACILITIES SERVING SEC 11076.2.1 THROUGH 11076.2.53 BILD.
- I. FIXED STORAGE FACILITIES SUCH AS CASINETS. SHELVES, CLOSETS, OR DRAWERS IL. STORAGE FACILITIES A MESS. SHELVES, CLOSETS, ARE PROVIDED WHERE ACCESS IS REQUIRED BY SECTION 101 17.11, AT LEAST ONE OF EACH TYPE SHALL BE ACCESSIBLE IN TERMS OF CLEAR SPACE, REACHRANGES, AND HARDWARE. ADDITIONAL STORAGE MAY BE PROVIDED OUTSIDE OF RECOURTED REACH FANGES.
- 2. A CLEAR FLOOR SPACE AT LEAST 30° BY 49" THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES. SEC 112592. FIG 118-5A
- 4. HARDWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL BE WITHIN IT LEAST ONE OF THE HEIGHT FANGES SPECIFIED IN SECTIONS 14 183 S. 4 11 1816 AND SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT SECURE THORT GRASPING, PICKNING, OR THEW WIST, THE FORCE RECURRED TO ACTIVATE THE HARDWARE SHALL BE NO GREATER THAN 5 FOUNDS, TUDICH LOTCHES AND US-MEDP DILLS ARE
- 5. CLOTHES RODS SHALL BE A MAXIMUM OF 54° FROM THE FLOOR FOR A SIDE APPROACH, WHERE THE DISTANCE FROM THE WHEELCHAIR TO TOLOTHES ROO OR SHELF EXCEEDS 10°, AS INCLOSETS WITHOUT OF ACCESSIBLE DOORS, THE HEIGHT AND DEPTH TO THE ROD OR SHELF SHALL COMPLY WITH FIGURE IT ISSEC 1258.
- THE DOORWAY PROVIDING ACCESS TO STORAGE AREAS SHALL BE NOT LESS THAN 22" IN CLEAR WIDTH, STORAGE AREAS SHALL BE MADE ACCESSIBLE AS REQUIRED IN SECTION 1125B.
 SEC 1105B.3.6.2.8 1110B.2.2
- OFFICE AREAS, CONFERENCE ROOMS, CLASSROOMS, DISPATCH ROOMS, AND SIMILAR AREAS, ALONG WITH RELATED SANITARY FACILITIES, SHALL
- 2. DETENTION-AREA VISITOR ROOMS SHALL BE MADE ACCESSIBLE. SEC 1105B.3.5.2

- AT LEAST ONE DETENTION CELL FACILITY WITH SUPPORTING SANITARY FACILITIES SHALL BE MADE ACCESSIBLE. SEC 11059.3.5.3
- PUBLIC UTILITY FACILITIES
- NOTE: FACILITIES LOCATED IN OPERATIONAL AREAS WHICH WOULD NOT HAVE ANY REASONABLE AVAILABILITY TO OR USAGE BY PERSONS WHO USE WHEELCHARS FOR MOBILITY ARE NOT SUBJECT TO THE WHIELCHAIR ACCESSIBILITY REQUIREMENTS OF THESE REGULATIONS. SEC 11058.3 4 EXC.1
- OFFICE AREAS, MEETING ROOMS, AND SIMILAR AREAS TOGETHER WITH RELATED TOLET ROOMS, IN PUBLIC UTILITY FACILITIES, SHALL BE MADE ACCESSIBLE. SEC 1058.3.4.1
- PUBLIC TOUR AREAS, TO THE EXTENT THAT SUCH PUBLIC TOURS ARE CONDUCTED THROUGH OR ABOUT A FACILITY, OR WHERE THE PUBLIC IS PERMITTED TO WALK IN SUCH AREAS, SHALL PROVIDE ACCESSIBILITY AN THOSE PORTIONS OF THE FACILITY AND GROUNDS WHERE THIS OCCURS SEC 11093-3.42
- VISITOR OVERLOOK FACILITIES, ORIENTATION AREAS, AND SIMILAR PUBLIC USE AREAS, AND ANY SANITARY FACILITIES THAT SERVE THESE FACILITIES SHALL BE MADE ACCESSIBLE. SEC 11058.3.4.3
- 4. WHERE PUBLIC PARKING IS PROVIDED, SPACES SHALL BE PROVIDED FOR PERSONS WITH DISABILITIES AS SPECIFIED IN SECTIONS 11298 & 11308. SEC 11058.3.4.4 OO. MEDICAL CARE FACILITIES
- JA. MEJIKAL LANG. FACILITIES

 1. AT LEAST ONE ACCESSIBLE ENTRANCE SHALL BE PROTECTED FROM THE
 WEATHER BY A CANOPY OR ROOF OVERHANG. SLICH BITTRANCES SHALL
 INCORPORATE A PASSENGER LOADING ZONE. PASSENGER LOADING
 ZONES SHALL, PROVIDE AN ACCESS AISE, AT LEAST 67 WIDE AND 20

 THE PROVIDED YELLOW SETTING THE ACCESS AISE, AND THE VEHICLE
 PULLUP SPACE, A CURB RAMP COMPLYING WITH CHAPTER 11B SHALL BE
 PROVIDED YELLOES BETWEEN SPACES AND ACCESS AISE, BY
 MINIMAL WERTICAL, CLEARANCE OF 114" AT ACCESS ROUTES TO SUCH AREAS
 FROM SITE ENTRANCES SHALL BE PROVIDED.

 SEC 110802.
- 2. GENERAL PURPOSE HOSPITALS, PSYCHIATRIC FACILITIES, AND DETOXIFICATION FACILITIES SHALL HAVE AT LEAST 10% OF PATIENT BEBROOMS AND TOILETS, AND ALL PUBLIC USE AND COMMON USE AREAS,
- 3. LONG-TERM-CARE FACILITIES, INCLUDING SKILLED NURSING FACILITIES, INTERMEDIATE-CARE FACILITIES, BED AND CARE, AND NURSING HOMES SHALL HAVE AL TEAST SOW OF PATIENT BEDROOMS AND TOILET ROOMS, AND ALL PUBLIC USE AND COMMON USE AREAS, ACCESSIBLE. SEC 11008.3.
- 4. HOSPITALS AND REHABILITATION PACRITIES THAT SPECIALIZE IN TREATING CONDITIONS THAT AFFECT MOSILITY, OR UNITS WITHIN EITHER THAT SPECIALIZE IN TREATING CONDITIONS THAT AFFECT MOBILITY SHALL HAVE BALL PATIENT EDROOMS AND TOILETS AND ALL PUBLIC USE AND COMMON USE AREASACCESSIBLE.
- 5. ACCESSIBLE PATIENT BEDROOMS SHALL COMPLY WITH THE FOLLOWING SEC 1109B.4
- A. EACH BEDROOM SHALL HAVE A TURNING SPACE MEASURING OF CLEAR IN DIAMETER, OR A T-SHAPED SPACE COMPLYING WITH FIGURE 118-12. IN ROOMS WITH TWO BEDS, IT IS PREFERABLE THAT THE SPACE BE LOCATED BETWEEN BEDS. B. EACH BEDROOM SHALL HAVE A MINIMUM CLEAR FLOOR SPACE OF 36° ALONG EACH SIDE OF THE BED, AND SHALL PROVIDE AN ACCESSIBLE ROUTE TO EACH SIDE OF THE BED, SEC 11098.42
- C. EACH BEDROOM SHALL HAVE AN ACCESSIBLE DOOR.THAT COMPLIES WITH SECTION 1133B.2. SEC 1109B.4.3
- 8. PATIENT TOILET ROOMS REQUIRED TO BE ACCESSIBLE SHALL COMPLY WITH SECTION 1115B. SEC 11098.5

- A MINIMUM OF TWO AND NO FEWER THAT THREE CAMPSITES FOR EACH HUMORED CAMPSITES PROVIDED, SHALL BE ACCESSIBLE BY LEVEL PATH HUMORED CAMPSITES PROVIDED WERE ROUTES WITH SLOPES NOT EXCEED THE TOTAL PROVIDED WITH THE PROVIDED WAS ALL TO SAND FOR THE PROVIDED WAS ALL BE ACCESSIBLE TO WHEELCHAR OCCUPANTS.
 SEC 14329.2.1.

 25C 14329.2.

 25C 14329.2.

 25C 14329.2.

 25C 14329.2.

 25C 14329.2.

 25C 14
- BEACHES, PICNIC AREAS, DAY-USE AREAS, VISTA POINTS, AND SIMILAR AREAS SHALL BE ACCESSIBLE. SEC 11328.2.2
- HIGHWAY REST AREAS AND SIMILAR FACILITIES SHALL BE ACCESSIBLE AS REQUIRED IN SECTION 1132B.3.1.
 SEC. 1132B.3
- 5. SANITARY FACRITIES SHALL BE MADE ACCESSIBLE, TO THE EXTENT THAT SUCH FACILITIES ARE PROVIDED, IN EACH PUBLIC-USE AREA THAT IS ACCESSIBLE TO WHEELCHAIR OCCUPANTS BY AUTOMOBILE, WALKS, OR OTHER PATHS OF TRAVEL. SEC 11328.23 6. PARKING LOTS SHALL BE PROVIDED WITH ACCESSIBLE PARKING SPACES AND WITH CURB CUTS LEADING TO ALL ADJACENT WALKS, PATHS, OR TRAILS, SEC 1122B.25
- 7. TRAILS, PATHS, AND NATURE WALK AREAS, OR PORTIONS OF THESE, SHALL BE CONSTRUCTED WITH GRADIENTS WHICH WILL PERMIT AT LEAST PARTIAL USE BY WHEELCHAIR OCCUPANTS, HARD SURFACE PATHS OR WALKS SHALL BE PROVIDED TO SERVE BUILDINGS AND OTHER FUNCTION AREAS, SEC 1132B Z.6
- 8. NATURE TRAILS AND SIMILAR EDUCATIONAL AND INFORMATIONAL AREAS SHALL BE ACCESSIBLE TO THE BLIND BY THE PROVISION OF ROPE GUIDELINES, RAISED ARABIC MINERALS AND SYMBOLS FOR IDENTIFICATION, INFORMATION SIGNS, AND RELATED GUIDE AND ASSISTANCE DEVICES. SEC 11282.7
- RESIDENTIAL FACILITIES
- 1. HOTELS, MOTELS, AND PUBLICLY FUNDED HOUSING PROJECTS, INCLUDING DORMITORIES, RESORTS, HOMELESS SHELTERS, HALFWAY HOUSES, TRANSIENT GROUP HOMES, AND SIMILAR PLACES OF TRANSIENT LODGING, SHALL BE ACCESSIBLE. SEC 11118.4
- PROVIDE FULLY ACCESSIBLE GUEST ROOMS OR DORMITORY ROOMS, INCLUDING SANITARY FACULITIES SERVING SUCH GUEST ROOMS OR DORMITORY ROOMS AND ROLL-IN SHOWERS IN ACCORDANCE WITH TABLE 118-3.

 SEC 11118-1.

 TOTAL TABLE 118-3.
- SEC 11118.4.2

 3. WHEN GUEST ROOMS ARE BEING ALTERED IN AN EXISTING FACILITY OR PORTION THEREOF, SUBJECT TO THE REQUIREMENTS OF SECTION 11118, AT LEAST ONE GUEST ROOM OR SUITE THAT COMPLES WITH THE ACCESS THE PROVIDED BY THE THE ACCESS THE PROVIDED BY THE FOR THE THE ACCESS THE PROVIDED BY THE THE ACCESS THE PROVIDED BY THE THE ACCESS THE
- 4. ACCESSIBLE QUEST ROOMS OR SUITES SMALL BE DISPRÉSED AMONG THE VARIOUS CLASSES OF SLEEPING ACCOMMODATIONS TO PROVIDE A RANGE OF OPTIONS APPLICABLE TO ROOM SIZE, COSTS, AMENITIES PROVIDED, AND THE NUMBER OF BEDS PROVIDED.

- HOTEL AND MOTEL ROOMS BEYOND THOSE REQUIRED TO BE FULLY ACCESSIBLE BY SECTION 11118 A ARE NOT REQUIRED TO BE FULLY ACCESSIBLE IF THEY PROVIDE THE FOLLOWING FEATURES: SEC 11118.4.8 EXC.
- A. ALL BATHROOM FIXTURES ARE IN A LOCATION THAT ALLOWS A PERSON USING A WHEELCHAIR MEASURING 30° BY 48° TO TOUCH THE WHEELCHAIR TO ANY LAVATORY, URINAL, WATER CLOSET, TUB, SAUNA, SHOWER STALL, AND ANY OTHER SIMILAR SANITARY INSTALLATION, IF PROVIDED.
- B. ALL BATHROOM ENTRANCE DOORS HAVE A CLEAR OPENING WIDTH OF 32" AND SHALL BE EITHER SLIDING DOORS OR SHALL BE HUNG TO SWING IN DIRECTION OF EGRESS FROM THE BATHROOM.
- I. DORMITORY ROOMS BEYOND THOSE SPECIFIED IN SECTION 1111B.4 SHALL COMPLY WITH THE ADAPTABILITY REQUIREMENTS OF SECTION 1111B.5. SEC 1111B.4.7
- TOILET FACILITIES SHALL COMPLY WITH SECTION 11118.4.6, AS MODIFIED FOR HOTEL, MOTEL, AND DORMITORY ACCOMMODATIONS. SEC 11118.4.6.7
- REQUIRED ACCESSIBLE BATHROOMS FOR PLACES OF TRANSIENT LODGING SHALL COMPLY WITH THE FOLLOWING: SEC 11118 4 6
- B. ALL FIXTURES AND CONTROLS SHALL BE ON AN ACCESSIBLE ROUTE. THERE MUST BE WITHIN THE BATHROOM A CLEAR FLOOR SPACE MEASURING 30 PV 60°. THE CLEAR FLOOR SPACES AT FIXTURES AND CONTROLS, THE ACCESSIBLE ROUTE, AND THE TURNING SPACE MAY OVERLAP, SEC 11118 ACC. C. IF A TOILET STALL IS PROVIDED, IT SHALL COMPLY WITH SECTIONS 1115B.7.1 OR 1115B.7.2, AND ITS WATER CLOSET SHALL COMPLY WITH SECTION 1115B AND SECTION 1502 OF THE CALIFORNIA PLUMBING
- CODE. SEC 1111B.4.6.3 D. IF A LAVATORY AND/OR MIRROR IS PROVIDED, THEY SHALL COMPLY WITH SECTION 1115B.9 AND SECTION 1504 OF THE CALIFORNIA PLUMBING
- CODE. SEC 1111B.4.6.4
- F. IF TUBS OR SHOWERS ARE PROVIDED, AT LEAST ONE ACCESSIBLE TUB THAT COMPLES WITH SECTION 1198.6.1 AND SECTION 1996 OF THE THAT COMPLES WITH SECTION 1198.6.4 AND SECTION 1995 OF THE NAT COMPLES WITH SECTION 1198.6.4 AND SECTION 1995 OF THE CALIFORNIA PLUMBING CODE SHALL BE PROVIDED.
- 11. ALL ACCESSIBLE SLEEPING ROOMS OR SUITES REQUIRED BY TABLE 11B-3 SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 1111B.4 FOR HEARING IMPAIRED QUESTS.
- 2. IN ADDITION TO THE DEVICES REQUIRED BY TABLE 118-3 IN ACCESSIBLE SLEEPING ROOMS FOR HEARING IMPAIRED PERSONS, THE FOLLOWING ELEMENTS ARE REQUIRED IN AN ADDITIONAL NUMBER OF ROOMS AS DETERMINED IN TABLE 118-4:
- A. AUXILIARY VISUAL ALARMS SHALL BE PROVIDED AND SHALL COMPLY WITH SECTION 11148.2.4, SEC 11118.4.5.1
- B VISUAL MOTIFICATION DEVICES SHALL ALSO BE PROVIDED IN UNITS.
 SIEEPING ROOMS, AND SUITES TO ALEXT ROOM OCCUPANTS OF IRCOMING
 TELEPHONE CALLS AND A DOOR KNOCK OR BELL MOTIFICATION DEVICES
 SHALL NOT BE CONNECTED TO AUXILIARY VISUAL ALARM SIGNAL
 APPLIANCES.
 SEC 11118.5.2
- C. PERMANENTLY INSTALLED TELEPHONES SHALL HAVE VOLUME CONTROLS COMPLYING WITH SECTION 11178.28. AN ACCESSIBLE ELECTRICAL OUTLEY INTIN 45° OF A TELEPHONE CONNECTION SHALL BE PROVIDED TO FACILITATE THE USE OF A TEXT TELEPHONE.

TABLE 118-4 TOTAL # OF ROOMS # OF ROOMS EQUIPPED FOR HEARING IMPAIRED 2% OF TOTAL 20 + 1 FOR EACH 100 OVER

- I4. WHEN RECREATIONAL FACILITIES ARE PROVIDED, INCLUDING SWIMM POOLS, THEY SHALL COMPLY WITH SECTIONS 1104B.4.3 AND 1132B.2. SEC 111B.3
- NOTE: MULTI-FAMILY DWELLING UNIT DOES NOT INCLUDE HOTELS AND MOTELS. SEC 1111B.5.1.2
- MOTIES, SECTITIOS, LA

 BILIDINGS AND COMPLEXS CONTAINING PUBLICLY-PUNDED OWELLING
 UNITS SMALL BE ACCESSIBLE AS REQUIRED BY CHAPTER 11A,
 ACCESSIBLITY FOR PRINYATELY-FUNDED HOUSING, EXCEPT THAT
 SCOPING REQUIREMENTS FOR COMPRED MULTIFAMILY DWELLINGS
 ADDITIONALLY INCLUDE ONE OWN PORE PUBLICLY-FUNDED DWELLING
 ADDITIONALLY INCLUDE ONE OWN PORE PUBLICLY-FUNDED DWELLING
 THE ACCESSIBILITY
 FOR EASTING BUILDINGS BEGINNING WITH SECTION 11264.
- ELECTRICAL
 I. THE CENTER OF JUNCTION BOXES FOR RECEPTACLE OUTLETS SHALL BE
 INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE GLEARANCES
 AND REACH RANGE REQUIREMENTS OF SECTION 11188.
 SEC 11178.6.3 & 210-7(G.1)
- 2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF CONTROLS OR SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR RABEA TO CONTROL LIGHTING AND RECEPTACE OUTLETS, APPLIANCES, OR COOLING, HEATING, AND VENTILATING EQUIPMENT SHALL MEET THE REQUIREMENTS OF PARTS, CALIFORNIA BUILDING GOOG (GOS, SETTION 1186, SPACE ALLOWANCE AND REACH RANGES, FOR PERSONS WITH DISABILITIES, SEC 368-361, OT
- THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORA GROUND SURFACE, OR SIDEWALK.
- THE INSTALLATION OF FIRE ALARM EQUIPMENT AND SYSTEMS IN ANY
 OCCUPANCY WITHIN THE SCOPE OF THESE REGULATIONS SHALL BE IN
 ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA ELECTRICAL
 CODE, SEC 7991
- T. NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED
- IF EMERGENCY WARNING SYSTEMS ARE REQUIRED, THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. SEC 1114B.2.4 & 7204(A)
- 72G IN THE FOLLON CH 35, SEC 2-4.9.1
- A RESTROMS.
 B. COVENIONS.
 B. COVENIONS.
 B. COVENIONS.
 C. BAND ROOM.
 B. COVENIONS.
 C. GYMANSIUMS.
 C. GYMANSIUMS.
 G. OCCUPATIONAL SHOPS.
 G. OCCUPATIONAL SHOPS.
 C. OCCUPATIONAL SHOPS.
 C.
- I. LOBBIES. J. MEETING ROOMS. K. ANY OTHER AREA FOR COMMON USE
- 3. STROBE SIGNALING DEVICES REQUIRED FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED AND LISTED. SEC 2700.

- 4. NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL ALSO BE PROVIDED WITH THE FOLLOWING: NFPA 72G, SEC 8004(I)
- A AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 750BA AT 10' OR MORE THAN 1100BA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. CH 35, SEC 3-1.1.1
- 3. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE MODE SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 45 DBA AT 10' OR MORE THAN 1100BA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE
- THAN 1100BA AT THE MINIMUM HEARING DISTANCE FROM THE AUDI APPLIANCE. CH 35, SEC 3-1.12. A SPECIFICATION VALUE NOT TO EXCEED 3 FLASHES PER SECOND AND NOT SLOWER THAN 1 FLASH PER SECOND. CH 35, SEC 3-2.3.1
- D. A CLEAR OR NOMINAL WHITE COLORED LIGHT SOURCE. CH 35, SEC 3-2,3.3
- E. PLACEMENT AS LOW AS POSSIBLE, BUT NO LOWER THAN A MINIMUM OF 80° (2 METERS) ABOVE THE FLOOR AND A MINIMUM OF 6° (0.15 METER) BELOW THE CEILING. CH 35, SEC 5-2.1.1
- NOTIFICATION APPLIANCES FOR OCCUPANCIES REQUIRED TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL COMPLY WITH THE FOLLOWING: CH35, SEC 3-2.4.1.4 & SEC 3-2.1.6
- 1) A PULSING LIGHT SOURCE OF NOT LESS THAN 75 CANDELA SHALL, BE PROVIDED.
- 2) NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 50' (15 METERS) FROM THE SIGNAL IN THE HORIZOTAL PLANES, IN LARGE ROOMS AND CONSTRUCTIONS OF A METERS) ADDITED THE FINISHED LOOR. SUCH AS AUDITORIUMS, BEVIOES RAW SEP ELACED AROUND THE PRIMITERS, SPACED A MAXIMUM OF 300 METERS) ARAFI, IN LIEU OF SUSPENDING APPLIANCES FROM THE CEILING.
- 3) NO PLACE IN COMMON CORRIDORS OR HALLWAYS IN WHICH VISUAL ALARM SIGNALING APPLIANCES ARE REQUIRED SHALL BE MORE THAN 50' (15 METERS) FROM THE SIGNAL.

- NOTE ARRAS OF RENOVATION, STRUCTURAL REPAIR, ALTERATION, AND ACCESSING TO PROSTING BUILDINGS ARE REQUIRED TO HER THE SAME ACCESSING THE PROSTING BUILDINGS ARE REQUIRED TO HER THE SAME ACCESSING FOR THE PROSTING BUILDING AND AN ACCESSING FATH OF TRAVEL TO THAT ENTRANCE FROM THE PUBLIC AND ACCESSING FATH OF TRAVEL TO THAT ENTRANCE FROM THE PUBLIC TO THAT ENTRANCE FROM THE PUBLIC TO THAT ENTRANCE TO THE ACCESSING FROM THE PUBLIC AND ACCESSING FROM THE PUBLIC TO THAT THE PUBLIC TO THAT THE PUBLIC TO THAT THE PUBLIC TO THAT THE PUBLIC TO THE PUBLIC TO THAT THE PUBLIC TO THAT THE PUBLIC TO THE PUBLIC TO THAT THE PUBLIC TO THE PUBLIC TO THAT THE PUBLIC TO THE PUBLIC THE PUBLIC TO THE PUBLIC THE PUBL
- WHEN A RENOVATION, STRUCTURAL REPAIR, ALTERATION, OR ADDITION TO AN EXISTING BUILDING OCCURS, COMPLIANCE INCLUDES THE FOLLOWING: SEC 1148.2
- A. THE AREA OF RENOVATION, STRUCTURAL REPAIR, ALTERATION, OR ADDITION MUST FULLY COMPLY. SEC 11348.2
- . A PRIMARY ENTRANCE TO THE BUILDING OR FACILITY AND THE PRIMARY PATH OF TRAVEL TO THE SPECIFIC AREA OF ALTERATION, STRUCTURAL REPAIR, OR ADDITION MUST FULLY COMPLY. SEC 113482.
- C. SANITARY FACILITIES, AND, WHEN PROVIDED, DRINKING FOUNTAINS AND PUBLIC TELEPHONES, SERVING THE AREA OF RENOVATION, STRUCTURAL REPAIR, ALTERATION, OR ADDITION MUST FULLY COMPLY. SEC 11349.2.1 2. BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC SANITARY FACILITIES AND/OR ELEVATORS FOR PUBLIC USE THAT CONFORM TO TITLE 24 SHALL HAVE THIS INFORMATION POSTED IN THE BUILDING LOBBY, REFERABLY AS PART OF THE BUILDING DIRECTORY.
- QUALIFIED HISTORICAL BUILDINGS SHALL COMPLY WITH THE CALIFORNIA STATE HISTORICAL BUILDING CODE, PART 8, TITLE 24, OF THE CALIFORNIA CODE OF REGULATIONS. SEC 11198 & 11358.1

Architecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453



VINCENT DYER



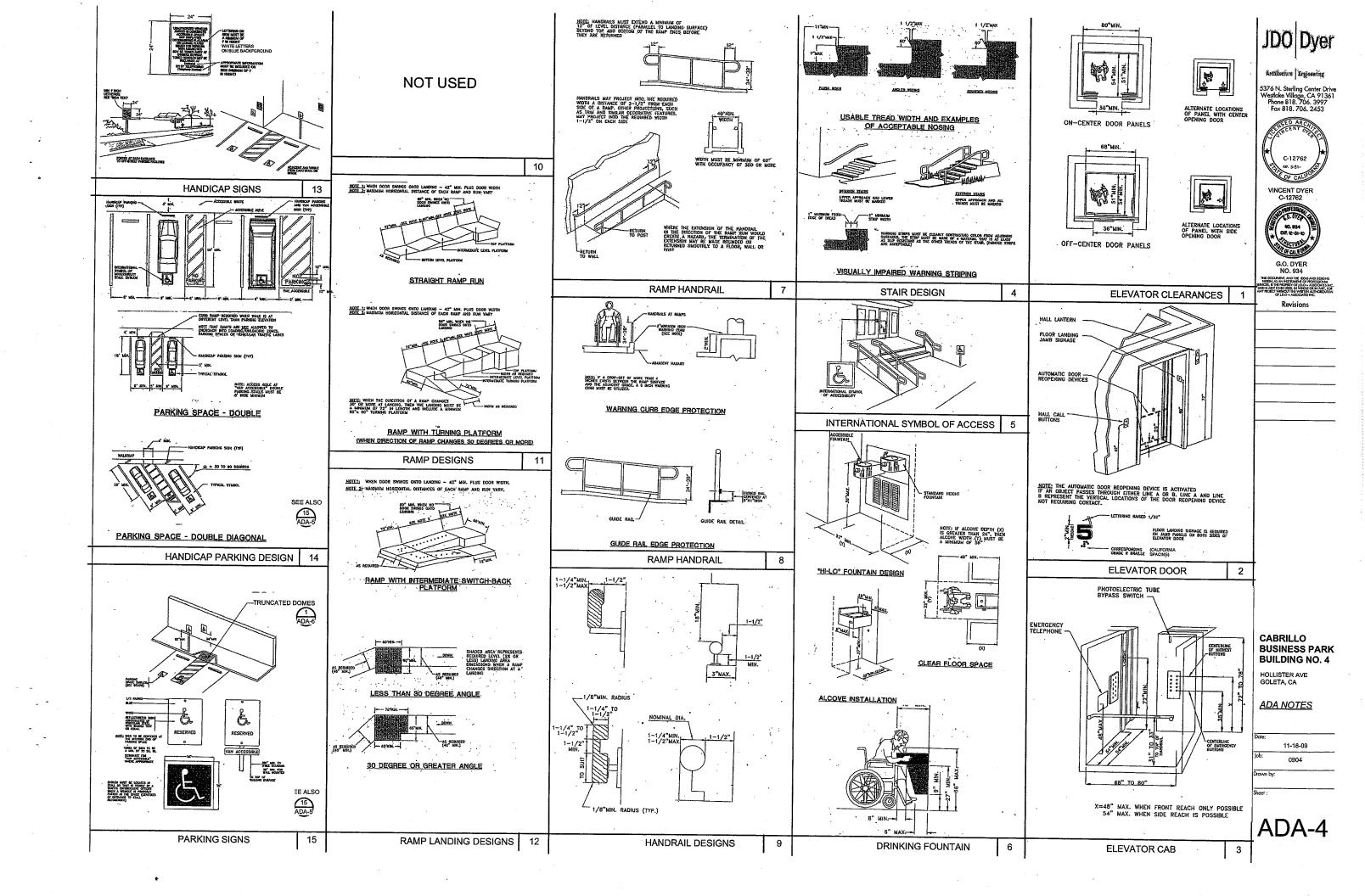
Revisions

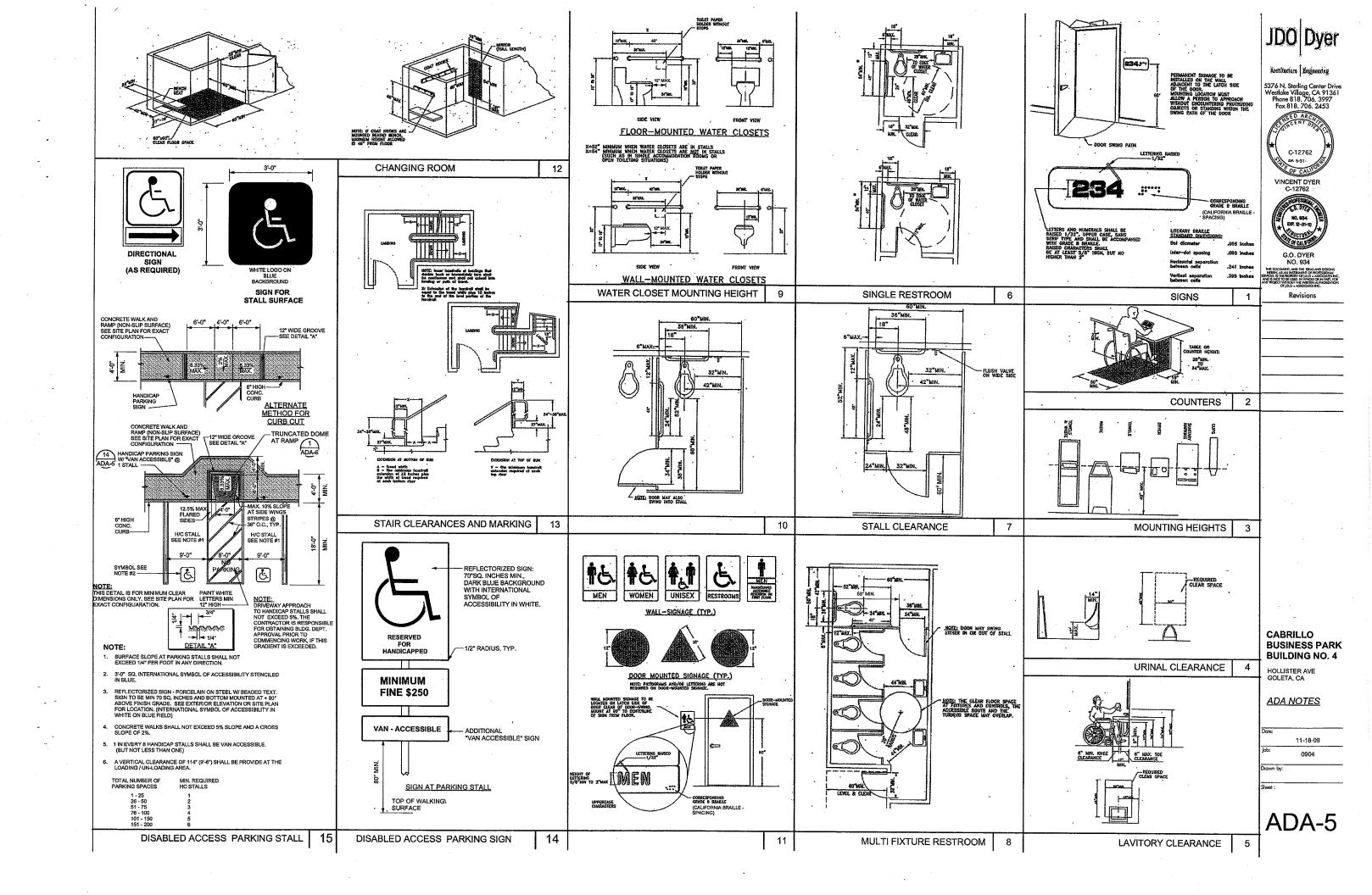
CABRILLO BUSINESS PARK BUILDING NO. 4

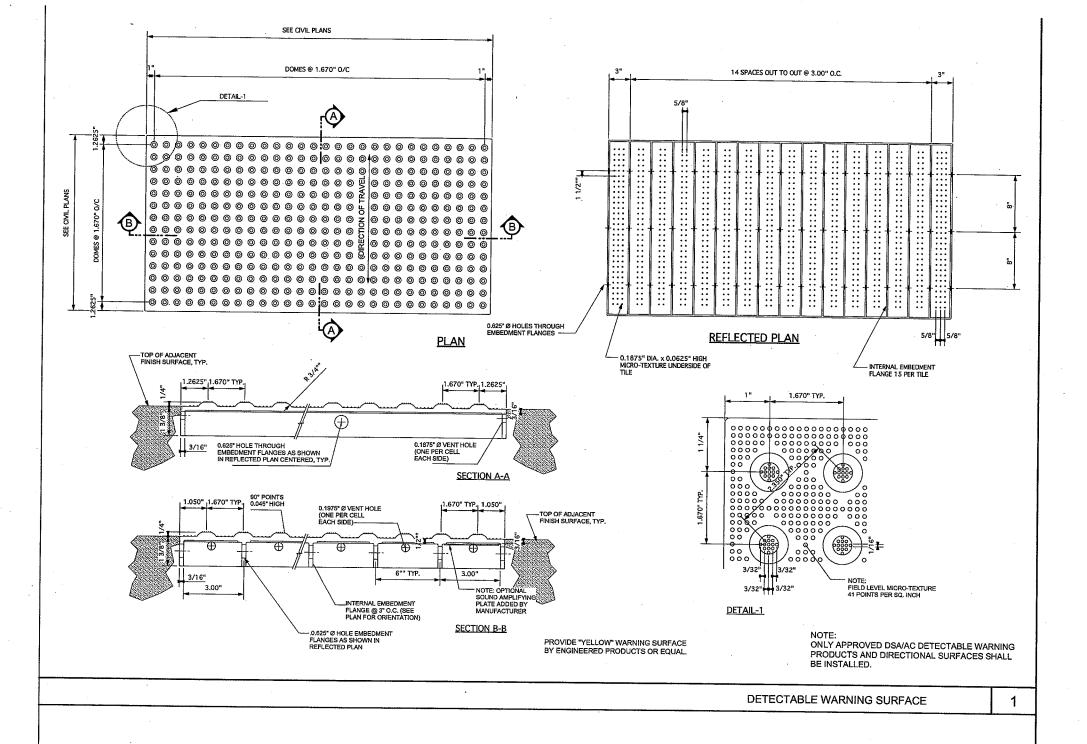
GOLETA, CA ADA NOTES

11-18-09 0904

ADA-3







NOT USED



NOT USED

09

Shart.

ADA-6

1. GENERAL INFORMATION (GENERAL CONTRACTOR MUST COMPLY)

- A. ALL WORK AND MATERIALS ARE TO COMPLY IN EVERY ALL WORK AND MATERIALS ARE TO COMPLY IN EVERY RESPECT WITH THE LATEST REQUIREMENTS OF ALL APPLICABLE CITY, COUNTY AND STATE CODES, LOCAL REGULATIONS, AND THE DIRECTION OF THE BUILDING INSPECTOR. REGULATIONS AND DIRECTIONS ARE TO BE CONSIDERED AS PART OF THESE SPECIFICATIONS AND PLANS, EXCEPT WHERE EXCEEDED HEREIN.
- B. THE NOTES AND SPECIFICATIONS ARE A PART OF THE CONTRACT DOCUMENTS. ANY CONFLICT IN THESE DOCUMENTS SHALL BE IMMEDIATELY REPORTED TO THIS OFFICE PRIOR TO CONTRACTOR TAKING ANY ACTION.
- C. CONTRACTOR(S) SHALL BECOME FAMILIAR WITH ALL EXISTING SITE AND/OR BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES AND/OR VARIATIONS BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THIS OFFICE PRIOR TO THE CONTRACTOR TAKING ANY ACTION, ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE PRIOR TO TAKING ANY ACTION.
- D. ALL MATTERS OF COLOR, TEXTURE, DESIGN AND INTERPRETATION OF PLANS SHALL BE REFERRED BY THE CONTRACTOR TO THIS OFFICE IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN PLANS.
- E. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY. DO NOT
- F. ALL DIMENSIONS ARE TO CENTER OF STUDS AND FACE OF CONCRETE UNLESS OTHERWISE SPECIFIED.
- G. SHOP DRAWINGS FOR ALL TRADES SHALL BE SUBMITTED SHOP DRAWINGS FOR ALE TRADES SHALL BE SUBMIN TED BY THE CONTRACTOR FOR APPROVAL; AND WHEN REQUIRED, CORRECTED DRAWINGS SHALL BE RE-SUBMITTED. APPROVAL OF SUCH DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS UNLESS HE HAS INFORMED J.D.O. ASSOCIATES INC. OF SUCH DEVIATIONS AT THE TIME OF SUBMISSION. NOR FOR ERRORS OF ANY SORT PERTAINING TO THE SHOP DRAWINGS. SEPIAS SHALL BE SUBMITTED. CONTRACTOR SHALL ALLOW TWO WEEKS FOR REVIEW BY THIS OFFICE.
- H. ALL SUBSTITUTIONS OF PRODUCTS SPECIFIED MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL.
- REFER TO CONSULTANTS' DRAWINGS FOR ELEVATIONS AND DIMENSIONS NOT SHOWN. (DUCT OPENINGS, DRAINS, SLAB DEPRESSIONS, SLOPES, CURBS, ETC.).
- J. ALL QUESTIONS / CLARIFICATIONS SHALL BE SENT VIA FAX TO THIS OFFICE IN THE FORM OF AN "RFI" (REQUEST FOR INFORMATION). RESPONSES SHALL BE RETURNED IN WRITING, ALL RFI'S SHALL BE ROUTED THROUGH THE GENERAL CONTRACTOR. THIS PROCESS SHALL BECOME EFFECTIVE FROM THE TIME OF BIDDING THROUGH COMPLETION OF CONSTRUCTION.
- .. THE DRAWINGS ARE INTENDED TO INCLUDE ALL MATERIALS, LABOR, AND SERVICES NECESSARY FOR COMPLETION OF THE WORK DELINEATED, SPECIFIED, AND REASONABLY IMPLIED IN THE CONTRACT DOCUMENTS, AND NOT LIMITED TO THAT EXPLICITLY INDICATED THEREIN
- M. MECHANICAL, PLUMBING, ELECTRICAL, CIVIL, AND LANDSCAPE DRAWINGS ARE SUPPLEMENTAL TO THE DRAWINGS BY J.D.O. ASSOCIATES INC. THE CONTRACTOR IS RESPONSIBLE TO REVIEW ALL PLANS AND DRAWINGS. IF THERE ARE ANY CONFLICTING STATEMENTS ERRORS OR INSUFFICIENT NEORMATION, THE CONTRACTOR SHALL NOTIFY J.D.O. INFORMATION, THE CONTRACTOR SHALL NOTIFY J.D.O.
 ASSOCIATES INC.AND OBTAIN CLARIFICATION BEFORE
 BEGINNING ANY WORK, ALL WORK UNDERTAKEN WERE
 QUESTIONABLE OR CONFLICTING INSTRUCTIONS OR CONDITIONS EXIST SHALL BE SUBJECT TO CORRECTION AT THE CONTRACTOR'S EXPENSE.
- N "TYPICAL" SHALL APPLY IN ALL LIKE CONDITIONS LINLESS. SPECIFICALLY SHOWN OR NOTED OTHERWISE, WHEN NO SPECIFIC DETAIL IS ARE SHOWN, THE CONSTRUCTION OR FRAMING SHALL BE SIMILAR OR IDENTICAL TO THAT SHOWN FOR LIKE CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE AND VERIEY ALL WORK PERFORMED BY ALL SUB-CONTRACTORS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR MEANS, METHODS TECHNIQUES AND PROCEDURES EMPLOYED IN THE PERFORMANCE OF WORK ON AND AROUND THE JOB-SITE.
- R. ALL CONTRACTORS AND SUB-CONTRACTORS PERFORMING WORK ON, OR RELATED TO THIS PROJECT SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED WITH A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED, AND SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND WITH ANY AND ALL OTHER APPLICABLE STATE AND/OR LOCAL SAFETY REGILIATIONS, THE CONTRACTOR ASSUMES LOCAL SAFETY REGULATIONS. THE CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE SAFETY CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THI PROJECT, AND WILL DO SO CONTINUOUSLY AND NOT ONLY DURING NORMAL WORKING HOURS AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE OWNER AND JDO / Dver, LLP, FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK
- S. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL BRACING, BACK-UP PLATES, STIFFENERS AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND WALL-MOUNTED OR SUSPENDED ELECTRICAL, MECHANICAL MISCELL ANEOUS FOUIPMENT INCLUDING PLYWOOD ARDS FOR ELECTRICAL AND TELEPHONE EQUIPMENT.
- T. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL AND PERMITS FOR ALL DESIGN-BUILD SYSTEMS. HE SHALL ALSO BE RESPONSIBLE FOR THE SYSTEMS COMPLIANCE WITH ALL APPLICABLE CODE REQUIREMENTS.
- U. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, MOUNTING AND DISPLAYING THE ARHICTECTS JOB SIGN. THE CONTRACTOR SHALL RETURN THE JOB SIGN IN BOOD CONDITION AT THE COMPLETION OF THE PROJECT

2. FIRE PROTECTION (SHALL CONFORM TO SANTA BARBARA COUNTY FIRE DEPT. DEVELOPMENT STANDARDS #4)

- A. FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED
- B. ANY STORAGE OR HANDLING OF FLAMMABLE LIQUIDS OR HIGHLY COMBUSTIBLE LIQUIDS IN PORTABLE CONTAINERS TO COMPLY WITH FIRE PREVENTION BUREAU
- C. PORTABLE FIRE EXTINGUISHERS ARE REQUIRED AND SHALL BE IN ACCORDANCE WITH THE SANTA BARBARA COUNTY CODE CHAPTER 15, ARTICLE 1.

D. AUTOMATIC FIRE SPRINKLERS

1 ENTIRE BUILDING IS TO BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM CALCULATED FOR THE APPROPRIATE MINIMUM DENSITIES:

MANUFACTURING 21/1500 (ORDINARY HAZARD GROUP III) 19/1500

- THE SPRINKLER COMPANY SHALL PROVIDE DRAWINGS &
 OBTAIN BUILDING DEPARTMENT AND FIRE DEPARTMENT
 APPROVAL PRIOR TO INSTALLATION, FLUSH FINISHED RECESSED HEADS SHOULD BE PROVIDED IN ALL OFFICE AREAS AND BE CENTERED IN 24" x 48" TILE, 24" x 24" TILE OR 24" x 24" PORTION OF "SECOND LOOK" TILE. AUTOMATIC SPRINKLERS SHALL BE SUPERVISED BY AN APPROVED CENTRAL STATION EQUIPPED WITH A LOCAL ALARM WHICH WILL PROVIDE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
- E. OWNER SHALL ARRANGE FOR PERFORMANCE TESTS TO BE CONDUCTED TO THE SATISFACTION OF THE BUILDING OFFICIAL OF THE FIRE EXTINGUISHING SYSTEMS.
- NO HAZARDOUS MATERIALS WILL BE STORED AND/OR USED WITHIN THE BUILDING WHICH EXCEED THE QUANTITIES LISTED IN "UBC" TABLE 3-D
- G. SPRINKLER SYSTEM TO BE APPROVED BY PLUMBING DIVISION AND FIRE DEPT. PRIOR TO INSTALLATION.
- . WHEN SERVING MORE THAN 100 SPRINKLER HEADS, AUTO. SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPRVD. CENTRAL. PROPRIETARY, OR REMOTE, STATION SERVICE, OR SHALL BE PROVIDED WITH A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANT ATTENDED STATION.
- I. FIRE OR EMERGENCY ALARM SYSTEM SHALL BE APPROVED BY THE FIRE DEPT. AND SHALL CONFORM TO SANTA BARBARA COUNTY FIRE DEPT. DEVELOPMENT STANDARD #5,

3. BUILT-UP ROOFING (TO BE CERTIFIED "COOL ROOF")

- 1. BUILT-UP ROOFING ASSEMBLY SHALL BE A DEFERRED SUBMITTAL. ROOF COVERING ASSEMBLIES SHALL BE AN ICC-ES or UL LISTED CLASS A or B FIRE-RESISTIVE ASSEMBLY COMPLYING WITH ASTM E108 or UL 790. THE REPORT SHALL BE A PART OF THE SUBMITTAL AND SHALL ADDRESS WIND-LIFT
- B. NOT USED.
- C PARAPET WALLS
- D. MISCELLANEOUS: FURNISH AND INSTALL 3" FIBER CANT STRIPS AT ALL
 VERTICAL WALL ANGLES, CURBS AND ELEVATED ROOF

4. ROOF PLATFORMS AND OPENINGS

- A. LOCATIONS AND LOADING SPECIFICATIONS OF EQUIPMENT PLATFORMS AND OPENINGS SHALL BE SUBMITTED TO PROJECT ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. THE A/C CONTRACTOR SHALL BE RESPONSIBLE FOR ROUGH OPENINGS AND SIZES.
- B. FRAMING OF ROOF OPENINGS FOR VENTS SHALL BE THE RESPONSIBILITY OF THE PANELIZED ROOF SUB-CONTRACTOR.
- C. FRAME OPENING WITH (2) 2 INCH x OR 4 INCH x ALL AROUND

5. SKYMENTS OMIT

FURNISHED AND INSTALLED BY SHEET METAL CONTRACTOR SHALL BE DUR-RED WEND 55102' SMOKE HATCH DOME. PROVIDE POLYCARBINATE DOMES. ICBO # ER 1563

PROVIDE BURGLAR BARS PER SECURITY CODE: #4 STEEL BARS @ 5-0-C. FA. WAY WELDED AT ALL POINTS OF INTERSECTION

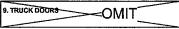
6. SHEET METAL

FURNISH AND INSTALL AS REQUIRED FOR ALL FLASHINGS. COUNTER FLASHING AND REGLETS AS SHOWN ON PLANS. ALL SHEET METAL SHALL BE 24 GAUGE

- A. FURNISHED AND INSTALLED BY SHEET METAL
- B. LADDER HATCH BY "BILCO" TYPE S (2'-6" X 3'-0") WITH "LADDER UP" BY "BILCO". PROVIDE SIDE RAILINGS WHICH EXTEND AT LEAST 30" ABV. ROOF EDGE.
- C STEEL LADDER WITH 16" WIDE RUNGS 12" ON CENTER STEEL CADDER WITH 16 WIDE RONGS, 12 ON CENTER, 3 1/2* MINIMUM TOE CLEARANCE. PROVIDE OSHA APPROVED CAGE WHEN LADDER EXTENDS MORE THAN 20-07. HAVE LANDING 18-0" APART MAX. MEASURED FROM FINISH

8. STOREFRONT

- A. FURNISH AND INSTALL ALUMINUM STOREFRONT SYSTEM AS MANUFACTURED BY ARCADIA, INC. OR EQ. USE 1" INSULATED GLAZING, TYPICAL. #AFG 451 (2" x 4 1/2") TO 10"-0" HIGH. #OPG 1500 (2 1/4" x 5 1/2") AT FACETED CURTAIN WALL (2 1/4" x 7") AT ENTRY CURTAIN WALLS
- SEE EXTERIOR ELEVATIONS FOR COLOR AND FINISH. B. ALL GLAZING TO BE 1/4" THICK FULLY TEMPERED GLASS, FREE OF THONG MARKS OR ANY OTHER DISTRACTING FEATURE.
- C. STOREFRONT DOORS SHALL BE "CALIFORNIA" SERIES BY ARCADIA, INC. CENTER OR OFFSET HUNG (SEE DETAIL SHEET).
- D. STOREFRONT SYSTEMS TO BE INSTALLED PRIOR TO INTERIOR OFFICE WALL FRAMING.
- E. SUBMIT SAMPLES OF STOREFRONT (INCLUDING FINISH) WHERE ALTERNATE SYSTEMS ARE USED
- F. STOREFRONT CONTRACTOR SHALL ATTACH MAIN RUNNERS TO CONCRETE WALL OR STEEL FRAMING FOR MINIMUM WIND SUCTION OF 30 PSFAND ANY MEMBER OR CONNECTION SHALL MEET THE REQUIREMENT OF WIND VELOCITY OF 80 MPH AND EXPOSUREFACTOR C. WITH PRESSURE COEFFICIENT FOR AREAS OF DISCONTINUITY



10. ENTRY-EXIT DOORS, OFFICE DOORS

- A. LOCKS TO BE KEY OPERATED FROM THE OUTSIDE AND OPERATED FROM THE INSIDE BY A DEVICE NOT PROHIBITED BY CODE. ALL EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- B. AT MAIN ENTRY DOOR-EXIT DOOR:
 PROVIDE A DURABLE SIGN IN 1* HIGH LETTERS STATING:
 "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".
 THE LOCKING DEVICE TO BE OF A TYPE THAT IS READILY DISTINGUISHABLE AS LOCKED IF REQUIRED BY CODE.
- C. ALL OTHER EXIT DOORS SHALL BE: FERROLIS METAL DOORS WITH SURFACES (16 GAUGE MINIMUM) OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT, AND PROVIDED WITH ORTON SERIES 8501-AL AUTOMATIC HEAVY GAUGE CLOSER REINFORGING AND STEEL TOP CAPS.
- D. THE COLOR AND DESIGN OF LETTERING, ARROWS AND OTHER THE COLON AIM DESIGNO SHALL BE IN HIGH CONTRAST WITH SYMBOLS ON EXIT SIGNS SHALL BE IN HIGH CONTRAST WITH THEIR BACKGROUND. EXIT SIGNS SHALL HAVE THE WORD "EXIT ON THE SIGN IN BLOCK CAPITAL LETTERS NOT LESS THAN 6 INCHES IN HEIGHT WITH A STROKE OF NOT LESS THAN 3/4 INCH. THE WORD "EXIT" SHALL HAVE LETTERS HAVING A WIDTH OF NOT LESS THAN 2 INCHES EXCEPT THE LETTER "I" AND A MINIMUM SPACING BETWEEN LETTERS OF NOT LESS THAN 3/8 INCH. SIGNS WITH LETTERING LARGER THAN THE MINIMUM DIMENSIONS
- E, EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE IT SHALL HAVE AN INTENSITY OF NOT LESS. THAN 5 FOOTCANDLES (54 k) FROM EITHER OF TWO ELECTRIC LAMPS. INTERNALLY ILLUMINATED SIGNS SHALL PROVIDE EQUIVALENT LUMINANCE AND BE LISTED FOR THE PURPOSE.
- CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1/12 HOURS IN CASE OF PRIMARY POWER LOSS, THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRIC SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR SET, AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE.
- G. TACTILE EXIT SIGNS SHALL COMPLY WITH SECT, 1117B.5.1 OF THE 2007 CBC. EACH GRADE LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".

11. INTERIOR DOORS AND FRAMES (T.B.D. WITH T.L.)

- A. PAINTED: PRE-FIT SOLID CORE DOORS WITH TEMPERED HARDBOARD FACES IN PRE-FINISHED FRAMES (TIMELY WESTERN INTEGRATED) WITH BRIGHT CHROME HINGES. DOOR SHALL BE PAINTED WITH TWO COATS OF SUPER U-365 / E22-1 AND ONE COAT OF PRACTICAL
- B. STAIN GRADE: PRE-FIT SOLID CORE DOORS WITH RED OAK VENEER FACES AND EDGES AND NATURAL FINISH IN BLACK PRE-FINISHED FRAMES (TIMELY WESTERN INTEGRATED) WITH SATIN CHROME HINGES. DOORS SHALL BE FINISHED WITH ONE COAT OF STAIN CONTROLLER AND TWO COATS OF VARATHANE "LIQUID." PLASTIC" SATIN.

- C. PROVIDE DOOR STOPS AT ALL LOCATIONS, STOPS SHALL BE GLYNN JOHNSON FB-13/14 FLOOR MOUNTED DOMES WITH RUBBER PAD.
- D. WHERE INDICATED , PROVIDE NORTON SERIES 8501-AL AUTOMATIC CLOSER (FIRE RATED WHERE APPLICABLE) . FINISH TO MATCH DOOR HARDWARE.

12. FINISHES INTERIOR

OFFICE AREA: FLOORS - CARPET FURNISHED AND INSTALLED (ALLOWANCE OF \$16.00 PER YARD). PROVIDE A 4* RUBBER CARPET TOP SET BASE (ROPPE OR

CARPET - SEE FINISH SCHEDULE FOR LOCATION

WALLS - GYPSUM BOARD OR CONCRETE TEXTURED AND PAINTED TWO COATS FLAT VINYL (WATER BASED).

CEILINGS - SUSPENDED "T" BAR CEILING.

TOILET ROOMS: FLOORS - 080 VINYL SHEET GOODS

WALLS - GYPSUM BOARD WATER RESISTANT AND PAINTED. PIGMENTED SEALER AND TWO COATS ENAMEL.

TOILET PARTITION - FLOOR MOUNTED WITH

CEILING - GYPSUM BOARD PAINTED

METAL DOORS AND JAMBS - SEE "EXTERIOR".

EXTERIOR: PROVIDE DRY SURFACES (LESS THAN 42% MOISTURE CONTENT)

FREE OF EFFLORESCENCE, ENCRUSTATIONS, AND FOREIGN MATTER. SLIGHTLY ROUGHEN SURFACES REMOVING CURING COMPOUND, BOND BREAKERS, RELEASE AGENTS AND OTHER COATINGS WITH LIGHT SANDBLAST OR HOT WATER WASH.

PAINTED WALLS: (WATER BASED)

(WATER DASE)

1ST COAT - "DUNN EDWARDS" EEF-STOP

CONCRETE SEALER.

2ND AND 3RD COATS - "DUNN EDWARDS"

EVERSHIELD ULTRA DEEP COLORS. MAY REQUIRE ADDITIONAL COATS (SEE MANUFACTURERS RECOMMENDATIONS)

EXPOSED CONCRETE: CLEAR SEALED-USE RAINSTOPPER 750-W MANUFACTURED BY TEXTURED COATINGS
OF AMERICA, INC.,LOS ANGELES, CA.
AND/OR CKON-1 BY DUNN-EDWARDS (APPLY PER MANUFACTURERS RECOMMENDATION).

13. GYPSUM BOARD

- A. FURNISH AND INSTALL 5/8" TYPE "X" SHEETROCK ON WALLS OF OFFICE AND ON WALLS AND CEILINGS OF TOILET ROOMS. JOINTS SHALL BE TAPED AND ALL AREAS TEXTURED (LIGHT ORANGE PEEL) AND PAINTED.
- B. PROVIDE WATER RESISTANT BOARD AS REQUIRED IN TOILET ROOM FOR WET WALLS.
- C. ALL SHEETROCK SHALL BE APPLIED IN ACCORDANCE WITH ASTM C840 AND ASSOCIATED REFERENCE DOCUMENTS AS APPLIES.
- D. THE CONTRACTOR SHALL PROVIDE CONTROL JOINTS IN THE CONTRACTOR SHALL PROVIDE CONTROL JOINTS IN EACH DIRECTION FOR HYGROMETRIC EXPANSION OF GYPSUM BOARD. ALL EXTERNAL STRESSES MUST BE RELIEVED FROM STRUCTURAL FRAMEWORK, PARTICULARLY AT COLUMNS AND INTERSECTION OF DISSIMILAR MATERIAL TO ELIMINATE STRESS BUILDUP, IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO MAINTAIN STRUCTURAL INTEGRITY OF THE WALL OR CEILING ASSEMBLY FOR THERMAL MOVEMENT.

F. ALL EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE 14. CERAMIC TILE (TOILET ROOMS AT URINAL)

CERAMIC TILE SHALL BE 2" X 2" GLAZED WALLS AND UNGLAZED ON FLOORS AND RELATED TRIM AS MANUFACTURED BY DAL-TILE. ALL TILE SHALL EXTEND 4' - 0" ABOVE FLOOR BEHIND AND 1' - 0" EACH SIDE OF URINAL. FLOOR TILE BELOW URINAL SHALL EXTEND 1' - 0" IN FRONT OF URINAL LIP. ALL CERAMIC TILE TO BE THIN SET AND FULLY GROUTED. SEE FINISH SCHEDULE FOR AREAS OF ADDITIONAL WAINSCOTTING.

SUSPENDED CEILING (T.B.D. WITH T.I.) OMIT THE ENTIRE OFFICE AREA IS TO HAVE SUSPENDED CEILING EXCEPT AS NOTED ON THE FINISH SCHEDULE

. THE SUSPENDED CEILING SYSTEM SHALL CONSIST OF

24" X 24" X 31" ACOUSTICAL CEILING TILES MANUFACTURE BY THE FOLLOWING: USG "ECLIPSE COMA PLUS" (ITEM NO. 76975/SET IN DONN "FINELINE 1/8" DXFF WHITE SLOT) (ITEM NO.S DXFF2924 & FACTURED

24" X 24" X 3/4" BPB CELOTEX "CASHMERE" (ITEM #CM-450) SET IN BPB CELOTEX "SMOOTH, ME BOLT SLOT SYSTEM 1/4" (ITEM NO. SL12-13-15 & SL2 13-15) WHITE

METAL GRID SYSTEM SHALL BE SUSPENDED WITH 12 GA. WIRE HANGERS AT 48" O.C. EACH WAY, MAX. TITLE WEIGHT TO BE 1.6 LBS. PER SQ. FT. AND EACH MAXIMUM LIGHT FIXTURE WEIGHT TO BE 56 J&S. SEE NOTE 20/D1 FOR INSULATION.

C.WHERE WIRE COOP CONNECTORS ARE USED, THE END OF THE WIRE SMALL BE WRAPPED AROUND THE VERTICAL WIRE THE WIRE SHALL BE WRAPPED AROUND THE VEI PORTION WITH 3 FULL TURNS MIN IN 1 1/2" TYP. ALL SUSPENDED MEMBERS SHALL BE IDENTIFIED BY: COMPANY NAME AND LOAD CAPACITY OR MEMBERS OF

E. SUSPENDED CEILING BRACING

LATERAL SUPPORT IS TO BE PROVIDED BY FOUR WIRES OF MINIMUM NUMBER 12 GAUGE SPLAYED IN FOUR DIRECTIONS 90 DETREES APART, AND CONNECTOMIT MAIN RUNNER WITHIN & OF THE CROSSRUNNER AOMIT STRUCTURE ABOVE ANA ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. THESE LATERAL SUPPORT POINTS SHALL BE PLANED 12 ON CENTER IN EACH DIRECTION WITH THE FIRST POINT WITHIN 4' FROM EACH WALL IN EACH DIRECTION.

MAIN RUNNERS AND CROSSRUNNERS MAY BE ATTACHED AT 2
ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND
THE RUNNERS MAINTAINED AT THE OTHER 2 WALLS.
DISCONTINUOUS ENDS ON CROSS RUNWERS AND MAIN RUNNERS
SHALL BE VERTICALLY SUPPORTED WITHIN 8° OF SUCH
DISCONTINUITIES AS MAY OCCUR WHERE THE CEILING IS
DISRUPTED BY A WALL. LIGHT PAYTURES AND ME DIFFUSERS
SHALL BE SUPPORTED DIRECTLY BY WIRES TO THE STRUCTURE
ABOVE EXCEPT RECESSED LIGHT PAYTURES NOT OVER 56 LBS.
IN WEIGHT, AND SUSPENDED AND PENDANT HUNG FIXTURES NOT
OVER 20 LBS. IN WEIGHT/MAY BE SUPPORTED AND ATTACHED
DIRECTLY TO THE CEILING SYSTEM RUNNERS BY A POSITIVE
ATTACHMENT SUCH AS SCREWS OR BOLTS. AIR DIFFUSERS
WHICH WEIGH NOTMORE THAN 20 LBS. AND WHICH RECEIVE NO
TRIBUTARY LOADING FROM DUCT WORK MAY BE POSITIVELY
ATTACHED TO MID SUPPORTED BY THE CEILING RUNNERS.

LOCKING CLIP TO FASTEN CROSS RUNNER TO MAIN RUNNER SPLICES AND INTERSECTIONS OF RUNNERS SHALL BE ATTACHED WITH MECHANICAL INTERLOCKING CONNECTORS SUCH AS POP RIVE**7**S, SCREWS, PINS, PLATES WITH BENT TABS, OR OTH**È**S APPROVED CONNECTORS. DESIGN CONNECTORS FOR 2 x DESIGN OAD OR ULTIMATE AXIAL TENSION OR COMPRESSION (

OMIT

A CONSTRUCTION:

CABINETWORK SHALL REVEAL OVERLAY CONSTRUCTION
WITH ADJUSTABLE SHELVES. DRAWERS TO JAVE METAL
GUIDESAND RODNED PULLS. DOORS TO JAVE SELFCLOSING HINGES AND ROUTED PULLS. PLASTIC LAMINATED
TOP WITH PLASTICLAMINATED BACK AND END SPLASH.
FRONT EDGE SHOULD BE "SELF EDGED".

B.MATERIALS:
STAIN GRADE CABINETS AND SHELVES CHOULD BE OF 3/4"
DOUBLE SIDE CAR VENEER PLYWOOD WITH SOLID STOCK
OAK FACE PRAMES, DOORS, AND EDGE BANDS. PLASTIC
LAMINATE CABINETS SHOULD BE OF 3/4" PARTICLE GOARD
EXTERIOR AND DOORS WITH "CORTRON" SHELVES AND
PEASTIC LAMINATE EDGE BANDS.

A.OFFICE AREA VENTILATION SHALL BE PROVIDED BY AN AIR

CONDITIONING SYSTEM CAPABLE OF TWO COMPLETE AIR

EXHAUST FANS CAPABLE OF 12 AIR CHANGES PER HOUR.

C.WAREHOUSE AREA VENTILATION SHALL BE PROVIDED BY VENTILATORS CAPABLE OF PROVIDING 2 COMPLETE AIR CHANGES PER HOUR.

18. PLUMBING (SEE PLUMBING CONSULTANT'S DRAWINGS)

ETC., NECESSARY AND INCIDENTAL TO PERFORM COMPLETE INSTALLATION OF PLUMBING SYSTEM.

1. SANITARY WASTE AND VENTS SYSTEMS.

3. PLUMBING FIXTURES, INCLUDING TRIM.

HOSE BIBBS.

APPLIANCES, SCAFFOLDING, TOOLS, MATERIALS, EQUIPMENT,

WORK INCLUDED: THE WORK CONSISTS OF THE FOLLOWING

2. DOMESTIC HOT AND COLD WATER SYSTEMS. INCLUDE

DOMESTIC HOT WATER HEATER.
NOTES FOR CEILING MOUNTED WATER HEATER.
A. DOUBLE AT LEAST THREE CEILING JOIST SUPPORTING WATER HEATER. CEILING JOIST SIZE PER PLAN OR

B. USE MINIMUM 3-#8 SELF TAPPING SCREW CONNECTION

OF JOIST TO EACH STUD.
WHEN WATER HEATER WEIGHT EXCEEDS 500 LBS,
PROVIDE A WEB STIFFENER AT THE DOUBLE JOIST
WITH A 1 1/2" x 1 1/2 x 20 GAGE ANGLE AND CONNECT

E. FOR CEILING MOUNTED WATER HEATER PROVIDE THE FOLLOWING SEISMIC CONNECTION OR PROVIDE AN ALTERNATE DESIGN TO BE APPROVED BY THE ENGINEER.

TO TOP OF JOIST UNDER THE WATER HEATER.

5. EQUIPMENT CONNECTION, INCLUDING INSTALLATION, TO EQUIPMENT FURNISHED BY OTHERS.
SCOPE OF WORK: FURNISH ALL LABOR, FIXTURES,

WITH 2 - #8 SCREWS.
PROVIDE 3/4 STRUCT #1 C-DX PLYWOOD BASE CONNECTED

WATER HEATER TO BE ADEQUATELY BRACED TO RESIST SEISMIC

FORCES, PROVIDE TWO STRAPS, ONE AT TOP 1/3 OF THE TANK

AND ONE STRAP AT BOTTOM 1/3 OF THE TANK. IF GUY WIRES ARE REQUIRED BRACING USE MINIMUM #9 GUY WIRES WITH TWO 1/4* LAG SCREW ATTACHED TO SUPPORTING FRAMING OR WALL STUDS. (SECTION 510.- UPC).

17. HEATING, VENTILATING AND AIR CONDITIONING

B.TOILET ROOM VENTILATION SHALL BE PROVIDED BY

(SEE A/C CONSULTANT'S DRAW

CHANGES PER HOUR MINIMUM,

16. MILLWORK

A. CONSTRUCTION:

SERVICE CONNECTION TO DOMESTIC WATER METER. MINIMUM 2" SERVICE WITH 2" COPPER LINE SERVICE TO B INSTALLED FROM WATER MAIN SERVICE TO INTERIOR OF

- PRESSURE REGULATOR AND BACKFLOW PREVENTER, IF REQUIRED BY CODE.
 - STUB-OUT NATURAL GAS LINE OUTSIDE BUILDING AND HOOK UP TO TO GAS METER, WITH CONSPICUOUSLY MARKED SHUT-OFF VALVE
- HANGERS, SUPPORTS, SLEEVES, ROOF FLASHINGS AND ANY OTHER ACCESSORIES REQUIRED FOR A COMPLETE PLUMBING SERVICE INSTALLATION.
- 10. MAKE SEWER CONNECTION TO EXISTING LATERALS AT
- 11. EXCAVATION AND BACKFILLING
- 12. ROOF DRAINS, DRAIN LINES AND SUMP EVACUATION
- 13. STUB-UP GAS LINES OF ADEQUATE SIZE FOR SPACE HEATERS CAPABLE OF DELIVERING 50 BTU PER SQ. FT. SUBMIT SHOP DRAWING'S LAYOUT TO CONSULTANT FOR APPROVAL PRIOR TOINSTALLATION.
- 4. ALL UNDERGROUND PLUMBING SHALL BE PERFORMED. PRIOR TO POURING CONCRETE SLAB WITH EXACTING TOLERANCES OF 1/2"+-.

19. ELECTRICAL WORK (SEE ELECTRICAL CONSULTANT'S

SCOPE OF WORK: FURNISH ALL LABOR, APPLIANCES, SCAFFOLDING, TOOLS, MATERIALS, EQUIPMENT, ETC., NECESSARY TO PERFORM THE COMPLETE ELECTRICAL SYSTEM AND ROUGH-IN FOR TELEPHONE SERVICE AS INDICATED ON PROJECT DRAWINGS SPECIFIED HEREIN, OR

- MAIN LIGHTING IN WAREHOUSE AREA (SEE PLANS FOR TYPE AND LOCATION).
- 2. MAIN LIGHTING IN OFFICE AREAS SHALL BE 2'X4' LITHONIA DEEP CELL PARABOLIC FIXTURES WITH T-8 ELECTRONIC BALLASTS AND OCTRON SP-35 LAMPS.
- 3. TASK LIGHTING FIXTURES (WHERE INDICATED ONLY) COMPLETE WITH LAMPS AND THE NECESSARY ACCESSORIES.
- 4. WIRING DEVICES SUCH AS SWITCHES PLATES RECEPTACLES AND PUSH BUTTONS
- 5. DUCTS, RELAYS AND TIME-CLOCK. 6. EXTERIOR FLOOD LIGHTS.
- 7. CONDUITS, OUTLET, WIRING, DISCONNECT AND CONNECTION TO AIR CONDITIONING UNIT(S).
- 8. MAIN TELEPHONE SERVICE CONDUIT, OUTLETS
- 9. FURNISH AND INSTALL TOILET ROOM EXHAUST
- 10. LOW VOLTAGE WIRING FOR THERMOSTAT.
- 11. CONNECT ELECTRICAL PANEL TO TRANSFORMER.
- 12. PROVIDE OUTLETS FOR AUTOMATIC SPRINKLER

- A. INSULATE ALL STUD WALLS IN OFFICE AREA WITH 4" THICK, R-11 SOUND CONTROL FIBERGLASS BATTS BY MANVILLE OR EQUAL.
- B NOT USED
- C. THE ENTIRE UNDERSIDE OF THE ROOF SHALL BE INSULATED WITH BATT INSULATION (BY MANVILLEOR EQ.) RATED AT R-19 MINIMUM. INSTALL PER MANUFACTURERS RECOMMENDATIONS

21. SIDEWALKS, CURBS (ON SITE, SEE CIVIL ENGINEERING DRAWINGS)

EURNISH AND INSTALL CONCRETE SIDEWALKS FURNISH AND INSTALL CONCRETE SIDEWALKS
AND CHEES AND TRUCK AREA CONCRETE PASS
AS SHOWN CHELANS. ALL SIDEWALKS ATO BE
HEAVY ROCK SALT PHISH WITH HEAVY SCIORE
LINES OR STAMPED, COLORED COM TO CINTS
(ISES SIDEPLAN). ALL PRIMARY ENTRY WALKS
SHALL MEET HANDICAP REQUIREMENTS.

22. PARKING

REMOVE EXCESS AND/OR PROVIDE ADDITIONAL

MATERIAL IN THE AREAS TO BE PAVED TO A LINE BELOW THE FINISH GRADE LINE. SCARIFY THE AREA DELOW THE PINISH GRADE LINE: SCARLEY THE AREA TO BE PAYED. FURNISH AND INSTALL 6* HIGH CONCRETE CURB AS SHOWN ON THE SITE PLAN. FURNISH AND INSTALL A CRUSHED ROCK BASE. (STATE SPECIFICATION CLASS II AGGREGATE BASE). OVER THE ROCK BASE FINISH AND INSTALL AN ASPHALTIC CONCRETE TOP. ALL WORK UNDER THIS HEADING SHALL BE FURNISHED AND INSTALLED WITH THE BESTQUALITY OF MATERIALS AND WORKMANSHIP (SEE SOIL REPORT FOR BASE AND PAVING THICKNESS).

PAVEMENT STRIPING: MACHINE-APPLY PAINT IN STRICT ACCORDANCE WITH RECOMMENDATION OF PAINT MANUFACTURER UNLESS OTHERWISE SHOWN, PAINT PARKING LINES 4 WIDE AND AS REQUIRED TO ACHIEVE COMPLETE CAPACITY. MATERIAL SHALL BE AS MANUFACTURED BY SHERWIN-WILLIAMS OR EQUAL FOR USE OF TRAFFIC LINE MARKING.

CABRILLO **BUSINESS PARK BUILDING NO. 4**

Architecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997

Fax 818, 706, 2453

C-12762

OF CALIFOR

VINCENT DYER C 12762

NO. 934 EXP. 12-81-10

E CALE OF

G.O. DYER NO. 934 MONT, AND THE DEAS AND SAN INSTRUMENT OF PROFES

Revisions

S. IS THE PROPERTY OF LD.O + A.
NOT TO BE USED, IN WHOLE O
OSECT WITHOUT THE WARTEN A

HOLLISTER AVE GOLETA, CA

GENERAL NOTES

11-18-09

0904

1 FOUNDATION NOTES (STRUCTURAL)

- A. SOIL REPORT BY: PADRE ASSOCIATES, INC (Project No. 9704-1735) DATE: JANUARY 30, 2009 SHALL BE MADE PART OF THESE PLANS.
- B. DESIGN SOIL BEARING PER RECOMMENDATION OF SOIL REPORT: CONTINUOUS FOOTING = 2000 PSF TO BE CONFIRMED PAD FOOTING = 2000 PSF
- C. ALL EARTH WORK, EXCAVATION, & SITE PREPARATION SHALL BE DONE PER RECOMMENDATION OUTLINED IN THE SOIL REPORT
- D. ALL FOOTINGS SHALL BE FOUNDED 27" BELOW LOWEST ADJACENT FINISH GRADE UNLESS NOTED OTHERWISE.
- E. TOP OF FOOTINGS SHALL BE 2" BELOW BOTTOM OF WALL PANELS UNLESS NOTED OTHERWISE
- F. FINISH FLOOR ELEVATION (F.F.) AS NOTED ON GRADING PLANS.
- G. FLOOR SLAB SEE FOUNDATION PLAN
- H. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILD INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE IN THE FOUNDATION.
- I. SOIL ENGINEER SHALL INSPECT SOIL CONDITION AFTER FOUNDATION EXCAVATION AND SUBMIT SUBGRADE VERIFICATION TO JDO / Dyer, LLP. ALL FOUNDATION EXCAVATION MUST BE OBSERVED AND APPROVED BY ROJECT GEOTECHNICAL ENGINEER AND/OR GEOLOGIST PRIOR TO PLACEMENT OF REINFORCING STEEL.
- J. SOIL BELOW BOTTOM OF FOOTING TO BE 3'-0" OF NON-EXPANSIVE SOIL PER SOIL ENGINEER RECOMMENDATIONS, IF EXPANSIVE SOIL IS PLACED WITHIN THE UPPER 3 FEET BELOW THE BOTTOM OF THE FOOTING'S. WHITH THE OFFER SPEEL BELOW THE BOTTOM OF THE FOURINGS, THEN THE FOUNDATION AND SLABS SHOULD BE CONSTRUCTED IN ACCORDANCE WITH ANY SPECIAL REQUIREMENTS PRESENTED IN DIVISION I I I OF THE CBC CHAPTER 18. IN ADDITION, THE FOLLOWING MEASURES SHOULD BE COMPLETED AS THE MINIMUM REQUIREMENTS TOWARDS MITIGATING THE EFFECTS OF MEDIUM EXPANSIVE SOIL ON THE BUILDING:

 a. PRIOR TO PLACEMENT OF CONCRETE FOR FOUNDATIONS OR SLABS,
- THE SOILS TO A DEPTH OF 27 INCHES BELOW LOWEST ADJACENT GRADE WITHIN THE BUILDING FOOTPRINT SHOULD BE PREMOISTENED TO 130 PERCENT OF FOUNDATION AREAS.
- b. EXTERIOR GRADES ADJACENT TO FOUNDATIONS OR SLARS SHOULD BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION
- c. ANY PLANTERS ADJACENT TO FOUNDATIONS SHOULD BE LINED WITH A HIGH-DENSITY POLYETHLENE SHEETING TO PREVENT OVER-WATERING FROM IMPACTING FOUNDATION SOILS. IT MAY BE NECESSARY TO

ADDITIONAL MEASURES THAT MAY BE CONSIDERED TO MITIGATE THE EFFECTS OF EXPANSIVE SOIL INCLUDE THE USE OF POST-TENSI SLABS, PERIMETER BARRIERS AND THE USE OF A GRADE BEAM FOUNDATION SYSTEM.

WHILE THE ABOVE RECOMMENDATIONS ARE INTENDED TO MINIMIZE THE EFFECTS OF EXPANSIVE SOILS, THEY WILL NOT COMPLETELY ELIMINATE THOSE EFECTS. THE OWNER SHOULD BE ADVISED THAT FLUCTUATIONS IN MOISTURE CONTENT IN EXPANVIE SOILS THROUGH EXCESSIVE LANDSCAPE WATERING, LEAKING-WATER LINES, OR NATURAL CAUSES MAY RESULT IN CRACKING AND DIFFERENTIAL MOVEMENT (LATERAL AND VERTICAL) WITHIN THE STRUCTURE OVER THE LIFE OF THE STRUCTURE.

LIPON COMPLETION OF GRADING, THE FINISHED PADS SHOULD BE SAMPLED AND SOILS TESTED FOR EXPANTION INDEX TO DETERMINE THE APPROPRIATE LEVEL OF MITIGATION.

2. CONCRETE

- A. ALL CONCRETE UNLESS OTHERWISE NOTED SHALL BE REGULAR WEIGHT HARD ROCK TYPE (150 # CU.FT.), AGGREGATES SHALL CONFORM TO ASTM C33
- B. READY MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94.
- C. CEMENT FOR CONCRETE SHALL BE STANDARD BRAND "PORTLAND CEMENT" CONFORM TO ASTM C- 150 TYPE II.
- D. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT AGE OF 28 MIX DESIGN 4000 PSI FOOTINGS SLAB ON GRADE 4000 PSI 4000 PS CONCRETE TILT-UP CONCRETE COLUMN OR GRADE BEAM 4000 PSI 4000 PSI PROVIDE CONTINUOUS INSPECTION PER UBC 3000 PSI 3000 PSI FION) • RECOMMENDED ALL CONCRETE ELATWORK (SEE SOIL REPORT FOR ADD'L. INFORMATION)
- E. MAXIMUM SLUMP FOR 3000 PSI SHALL BE 5"±1" (W/C=0.62). MAXIMUM SLUMP FOR 4000 PSI SHALL BE 4"± 1" (W/C=0.50).
- F. CONCRETE SHALL BE MAINTAINED IN A MOIST CONDITION FOR A MIN. OF 5 DAYS AFTER PLACEMENT. ALTERNATÉ METHODS WILL BE APPROVED IF SATISFACTORY PERFORMANCE CAN BE ASSURED
- G. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE SECURELY FASTENED IN THE FORMS BEFORE CONCRETE IS POURED. ADEQUATE CLEANOUTS SHALL BE PROVIDED IN BOTTOM OF CONCRETE FORM FOR PROPER CLEANING AND
- H. VIBRATION OF CONCRETE SHALL BE IN ACCORDANCE WITH THE GENERAL PROVISIONS OUTLINED IN PORTLAND CEMENT ASSOCIATION SPECIFICATION ST-26
- I. CYLINDER TEST SHALL BE TAKEN IN CONFORMANCE WITH ACI-318 CHAPTER 5.
- J. SPECIAL INSPECTION SHALL BE REQUIRED BY CERTIFIED DEPUTY INSPECTOR FOR PLACEMENT OF CONCRETE OVER 2500 PSI STRENGTH IN 28 DAYS (SECTION 1704.4 CBC).

3. ADDITIONAL NOTES FOR CONCRETE TILT-UP PANELS

- A. CONCRETE FOR TILT-UP PANEL SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI AT END OF 28 DAYS, UNDER CONTINUOUS INSPECTION BY DEPUTY INSPECTOR.
- B. CONCRETE SHALL HAVE DEVELOPED BY MINIMUM COMPRESSIVE STRENGTH OR 2500 PSI DETERMINED BY CYLINDER TEST PRIOR TO ERECTION OF PANELS
- C. BOND BREAKING COMPOUND USED BETWEEN PANELS AND CASTING SLAB SHALL BE THOMPSON'S WATER SEAL OR APPROVED
- D. PRIOR TO POURING PANELS, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DETAILS AND CALCULATIONS PREPARED BY A CIVIL OR STRUCTURAL ENGINEER FOR THE DESIGN AND PLACEMENT OF ALL PANELPICK-UP POINTS, STRONGBACKS, BRACING, AND ADDITIONAL SPECIAL REINFORCEMENT REQUIRED TO ADEQUATELY THAT THE PRECAST CONCRETE PANELS. THE LIFT DESIGN SHALL BE BASED UPON THE SPECIFIED CONCRETE STRENGTH, PRIOR TO LIFTING, TEST RESULTS FOR CONCRETE STRENGTH MUST BE APPROVED. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY BRACING REQUIRED FOR PRECAST PANELS PRIOR TO CONNECTION OF ALL SUPPORTING ELEMENTS SUCH AS ROOF SHEATHING AND
- E. CEMENT FOR MORTAR SHALL BE STANDARD BRAND "PORTLAND CEMENT" & CONFORM TO ASTM C-150 AND AGGREGATE SHALL CONFORM TO ASTM C-33.

- F. DRYPACK DRYPACK GROUT: DRYPACK SHALL BE A MIXTURE OF ONE PART CEMENT AND 2 1/2 PARTS OF SAND BY VOLUME PROPORTIONED AT THE JOBSITE AND MIXED THOROUGHLY WITH JUST ENOUGH WATER TO PRODUCE A CONSISTENCY SUCH THAT WHEN A SAMPLE IS TIGHTLY SQUEEZED IN THE HAND, MOISTURE WILL COME TO THE
- G. FOR SANDBLASTED BUILDINGS, CONCRETE CONTRACTOR SHALL SUBMIT PROPOSED CONCRETE DESIGN MIX TO THIS OFFICE PRIOR TO
- H. WATER SHALL BE ADDED AT THE JOB SITE ONLY UNDER DIRECTION
- . MORTAR AND GROUT TO HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. MORTAR MIX: 1 PART CEMENT, 3 1/2 PARTS SAND, 1/4 PART LIME PUTTY. GROUT MIX: 1 PART OTHER PARTS SAND, 1/10 PART LIME PUTTY. ADD PEA GRAVEL NOT MORE THAN TWO PARTS BY VOLUME OF CEMENT USED IN GROUT SPACES MORE THAN 2" WIDE.
- J. NO WATER SHALL BE ADDED TO CONCRETE WHEN TEMPERATURE IS IN EXCESS OF 95 DEGREES FAHRENHEIT
- K. LIGHT SANDBLAST TO CLEAN EXTERIOR FACE OF PANEL.
- 1. FILL PITS, HOLES AND ROCK POCKETS WITH GROUT, RUB WITH
- M. CONCRETE SUB-CONTRACTOR SHALL CHECK AND VERIFY ALL PANEL DIMENSIONS, LEDGER HEIGHTS, ANCHOR BOLT LOCATIONS AND OPENING SIZES AND LOCATIONS FOR TILT-UP PANELS PRIOR TO POURING CONCRETE AND SHALL BE RESPONSIBLE FOR ANY ERRORS. IF ANY DISCREPANCIES APPEAR ON THE PLANS, THEY SHALL BE IMMEDIATELY REPORTED TO THIS OFFICE.

4.CONCRETE BLOCK MASONRY

- A .CONCRETE BLOCK UNITS SHALL BE TYPE 1 MEDIUM WEIGHT GRADE "N" UNITS CONFORMING TO ASTM C90, REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BLOCK SIZE, FACE, JOINTINGS,
- B. BLOCK UNITS SHALL BE SUFFICIENTLY MOIST AT TIME OF LAYING O PREVENT DEHYDRATION OF MORTAR AND GROUT
- C. BLOCK UNITS SHALL BE FREE OF ALL SUBSTANCES WHICH MIGHT IMPAIR THE BOND OF MASONRY TO MORTAR AND GROUT
- D.MORTAR SHALL BE TYPE "S" CONSISTING OF 1 PART CEMENT AND 3 PARTS SAND WITH 1/4 PART TO 1/2 PART LIME PUTTY.
- E. GROUT SHALL CONSIST OF 1 PART CEMENT AND 3 PARTS SAND WITH 1/15 TO 1/10 PART LIME PUTTY, GROUT SPACE MORE THAN 2 INCHES IN WIDTH MAY HAVE ADDITIONAL SAND NOT MORE THAN 2
- F. CEMENT FOR MORTAR AND GROUT SHALL BE A LOW ALKALI TYPE
- G. MORTAR AND GROUT SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH 2000 PSI AT 28 DAYS, AS DETERMINED BY PRISM
- H. IF WORK IS STOPPED FOR ONE HOUR OR LONGER PROVIDE HORIZONTAL CONSTRUCTION JOINTS BY STOPPING THE GROUT 1 1/2" BELOW THE TOP OF THE BLOCK.
- I. THE THICKNESS OF GROUT BETWEEN BLOCK UNITS AND REINFORCING STEEL SHALL NOT BE LESS THAN 1/2": BETWEEN BLOCK UNITS AND REINFORCING BARS, NOT LESS THAN 3/4"
- J. ALL MASONRY WALLS IN EXCESS OF 10' 0" IN HEIGHT SHALL BE BRACED TO WITHSTAND A WIND LOAD OF 20 LBS, PER SQ. FT. BRACING SHALL REMAIN IN PLACE UNTIL ROOF AND/OR FLOOR DIAPHRAGM IS COMPLETED.
- K. GROUT POUR SHALL NOT EXCEED 5'-0".
- L. CHORD BARS IN CMU WALL CONSTRUCTION SHALL BE SPLICED MINIMUM 60 BAR DIAMETER OR 45 INCHES- WHICHEVER IS GREATER. CHORD BARS SHALL BE PLACED MAXIMUM 16 INCHES FROM TOP OR BOTTOM OF ROOF LEDGER
- M. SPLICE IN MASONRY: MIN. OF 48 BAR DIAMETER OR 24". WHICHEVER IS GREATER.

5. REINFORCING STEEL

- A. REINFORCING STEEL SHALL BE INTERMEDIATE GRADE DEFORMED BAR AND AS FOLLOWS:
- 1. MASONRY TIES AND BENT DOWELS: ASTM A-615 GRADE 40
- 2. ALL OTHER REINFORCEMENT SHALL BE ASTM A 615 GRADE 60.
- 3 TILT-LIP PANELS: TILT-OF PARIES:
 VERTICAL AND HORIZONTAL BARS: #4 BARS OR
 LARGER SHALL BE ASTM A-615 GRADE 60
 BENT DOWELS AND TIES: #3 BARS SHALL BE ASTM A-615 GRADE 40 AND #4 OR LARGER SHALL BE ASTM A-615 GRADE 60 CHORD BARS TO BE A706 LOW ALLOY STEEL
- B. DEFORMATION OF REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A-615 AND BENDING IN ACCORDANCE OF ACI 318-02
- C. MINIMUM CONCRETE COVER: (EXCEPT AS NOTED OTHERWISE)
 VERTICAL STEEL IN SINGLE CURTAIN WALL TO BE LOCATED IN CENTER OF PANEL
 - TILT-UP PANEL NOT EXPOSED TO WEATHER OR EARTH 3/4"
 TILT-UP PANEL EXPOSED TO EARTH OR WEATHER 11/2"
 TILT-UP PILASTER AND BEAMS 1 1/2" FORMED FOOTINGS AND WALL EXPOSED TO EARTH UNFORMED FOOTINGS AND WALL EXPOSED TO EARTH 3* SLAB ON GRADE 3*

| о. | | BAR NUMBER | | | |
|----------------------|-----|------------|-----|-----|-----|
| | #4 | #5 | #6 | #7 | #8 |
| LAP SPLICE LENGTH | 26" | 32" | 38" | 54" | 62° |

- E. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 ANS 1-82.
- F. MINIMUM COVER ON REINFORCING STEEL SHALL BE TO STRUCTURAL THICKNESS OF WALLS OF PANELS AND ANY ARCHITECTURAL TREATMENTS SHALL BE ADDED TO MINIMUM

G.NOT USED.

- H. WELDING OF GRADE 60 REINFORCING SHALL CONFORM TO AWS (D1.4) LOW HYDROGEN METHOD, USING E70XX ELECTRODES. (PRE-HEATING OF REBAR PER TABLE 5.2 AWS) UNDER CONTINUOUS INSPECTION OF DEPUTY INSPECTOR (ALTERNATE METHODACCEPTABLE IF APPROVED EQUAL.)
- H.1 WELDING OF REINFORCING STEEL SHALL COMPLY WITH AWS D1.4
- I. WELDING WILL BE PERFORMED BY CERTIFIED WELDERS UNDER THE SUPERVISION OF A SPECIAL INSPECTOR OR IN THE SHOP OF AN APPROVED FABRICATOR. A CERTIFICATE OF FABRICATION FROM AFFROVED FARMONION. A CERTIFICATE OF FARMONION FROM THE SHOP PERFORMING THE WELDING OR A REPORT FROM THE SPECIAL INSPECTOR MUST BE FURNISHED TO THE JOB INSPECTOR PRIOR TO FRAMING APPROVAL.

J. NOT USED.

- K PRINCIPAL TENSION STEEL IN TILT UP WALLS SHALL NOT BE LAP
- L. FOUNDATION REINFORCING: #3 SHALL BE ASTM A-615 GRADE 40 #4 OR LARGER SHALL BE ASTM A-615 GRADE 60

6. STRUCTURAL STEEL

- A. ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A-36.
- B. PIPE COLUMNS SHALL CONFORM TO ASTM A-53, GRADE 'B'.
- C. STEEL TUBING SHALL CONFORM TO ASTM A-500, GRADE 'B'
- D. MACHINE BOLTS SHALL CONFORM TO ASTM A-307, GRADE 'A' (UNLESS OTHERWISE NOTED).
- E. ALL FABRICATION AND ERECTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATION BY A CITY APPV'D. FABRICATOR.
- F. STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS TO THIS OFFICE FOR APPROVAL PRIOR TO FABRICATION.
- G. STEEL FABRICATOR SHALL FIELD CHECK ALL DIMENSIONS PRIOR TO
- H. ALL WELDING SHALL COMPLY TO AWS SPECIFICATION STD. D1.1 AND TO BE PERFORMED BY WELDERS CERTIFIED BY THE LOCAL BUILDING OFFICIAL. ALL WELDING SHALL BE PERFORMED BY ELECTRIC ARC PROCESS AS REQUIRED PER CHAPTER 27 OF THE WELDING CODE, WELDS ARE DESIGNED AT FULL STRESS AND MUST BE DONE IN THE SHOP OF A LICENSED FABRICATOR APPROVED BY BE DONE IN THE SHOP OF A LICENSED FABRICATION APPROVED BY THE BUILDING DEPARTMENT. FIELD WELDING WILL BE PERFORMED BY CERTIFIED WELDERS UNDER THE SUPERVISION OF A SPECIAL INSPECTOR. A CERTIFICATE OF FABRICATION FROM THE SHOP PERFORMING THE WELDING OR A REPORT FROM THE SHOP PERFORMING THE WELDING OR A REPORT FROM THE SPECIAL INSPECTOR MUST BE FURNISHED TO THE JOB INSPECTOR. ALL INSERT PLATES AND SHEAR PLATES SHALL BE TESTED BY ASTM, A435 FOR INTERNAL PLATES CANDED THE SHOP OF THE SHALL BE TESTED BY ASTM, A435 FOR INTERNAL DISCONTINUITIES (COMBINATION CHECKING)
 AND SHALL BE REPLACED IF THEY DO NOT MEET THE REQUIREMENT.
- I. CONTINUOUS INSPECTION IS REQUIRED FOR ALL FIELD WELDING.
- J. ALL STRUCTURAL STEEL NOT EMBEDDED IN CONCRETE SHALL BE SHOP PAINTED.
- K. HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINT SHALL K. HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINT SHALL CONFORM TO ASTM AS25, 120 ksi MINIMUM TENSILE STRENSTH. SLIP CRITICAL A325SC BOLTS SHALL MEET THE REQUIREMENT OF CLASS B CONTACT SURFACE OF BOLTED PARTS (BLAST CLEAN SURFACE), AND SHALL BE INSTALLED AND TIGHTENED USING THE TWIST OFF TENSION CONTROL BOLT "AND ASSEMBLED PER ASTM F1852 AS METHOD SPECIFIED IN THE IN THE 13TH EDITION. OF AISC SPECIFICATION. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER TIGHTNESS AND PROVIDE ALL REQUIRE INSPECTION TO BE APPROVED BY BUILDING OFFICIAL.
- L. STRUCTURAL STEEL COLUMN BASE PLATES SHALL REQUIRE CEMENT BASE NON-SHRINK AND NON METALLIC GROUT, SIKA 212 OR EQUAL WITH MINIMUM STRENGTH OF 5000 LBS. IN 5 DAYS.
- M. ALL WELDING MATERIAL SHALL EMPLOY WELD FILTER MATERIAL CLASSIFIED FOR NOMINAL 70 KSI TENSILE STRENGTH, REFER TO AS E70 ELECTRODE, MEETING THE MINIMUM MECHANICAL

7. ROOF NOTES

DESIGN OF STEEL JOISTS AND STEEL GIRDERS
SHALL BE IN ACCORDANCE WITH THE SCHEDULE GIVEN ON
PLANS.THE JOIST MFGR. SHALL SUBMIT DESIGN DATA AND
ERECTION DRAWINGS THAT WILL, CONFORM WITH THE ENGINEER'S
DESIGN AND WILL MEET THE REQUIREMENTS OF THE STEEL JOIST
INSTITUTE FOR VERIFICATION OF COMPLIANCE WITH SJI SPECIFICATION.
THISDATA SHALL ALSO BE REVIEW BY THE ENGINEER OF RECORD

ACCURATELY CAST IN PANELS.

ACCURATELY CAST IN PANELS.

SEE ROOF FRAMING PLANS FOR ROOF SHEATHING NAILING SCHEDUL
AND OTHER NOTES.

AND OTHER NOTES.

3 NO X 224 / 128 ETC. DENOTES "K" SERIES OPEN WEB STEEL JOIST AS
1 NO MAMI FACTURED BY VULCRAFT OR APPROVED EQ. DESIGN OF STEEL JOISTS AND STEEL GIRDERS

STEEL JOISTS AND STEEL JOIST GIRDERS AS MANUFACTURED BY VULCRAFT OR EQUAL

- A. T.L. = DENOTES TOTAL LOAD L.L. = DENOTES LIVE LOAD D.L. = DENOTES DEAD LOAD
- B. SEE ROOF FRAMING PLAN FOR SKYLIGHT LOCATIONS AND MECHANICALPLANS FOR ADDITIONAL OPENING'S.
- C. ROOF ELEVATIONS NOTED ARE TO TOP OF ROOF SHEATHING (T.S.) UNLESSNOTED OTHERWISE, ALL ROOF ELEVATIONS ARE TAKEN DIRECTLY FROMTHE FINISH FLOOR HEIGHT BELOW THE REFERENCE
- D. FOR LOCATION OF MECHANICAL UNITS, SEE ROOF FRAMING PLAN AND MECHANICAL PLANS. SEE ROOF FRAMING PLAN FOR FRAMING OF OPENING'S.
- E. ROOF COMPANY TO DESIGN AND DETAIL SPECIAL OPEN WEB STEEL JOISTSTO SUPPORT ALL SPRINKLER MAINS AND MECHANICAL EQUIPMENT ON THEROOF. THIS SHALL BE CO-ORDINATED WITH THE FIRE SPRINKLER CO. AND THE MECHANICAL PLANS
- F. BRIDGING AND BRACING FOR THE JOISTS AND GIRDERS WILL BE DESIGNED AND PROVIDED BY THE STEEL JOIST COMPANY.
- G.THE STEEL JOIST MANUFACTURER SHALL FURNISH OPEN WEB JOISTS AND STEEL GIRDERS PER DESIGN STANDARDS OF CHAPTER 22 DIV. IX OF THE 1997 UBC CODE AND REQUIREMENTS OF STEEL JOIST INSTITUTE(SJI), IN CONFORMANCE WITH OF STREETS DESIGN AND SPECIFICATION.DESIGN DATA AND ERECTION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL, PRIOR TO SUBMITTAL TO BUILDING. AND SAFETY PER SECTION 106.3.4.2 OF THE UBC.

OPEN WEB STEEL JOIST: a) DEAD LOAD = 12 PSE TYPICAL b) LIVE LOAD = 20 PSF (REDUCIBLE)

- 1. SPRINKLER MAINS ARE SHOWN ON THE FIRE SPRINKLER PLANS
- 2. JOIST MANUFACTURER TO ADD THE FOLLOWING ADDITIONAL MAIN SPRINKLER LOADS TO PANEL POINT OF GIRDERS AND JOISTS AS SHOWN ON APPROVED SPRINKLER PLANS.
 - 4" DIAMETER MAIN INCLUDED IN DESIGNATED SIZES. 6" DIAMETER MAIN 32 PLF 8" DIAMETER MAIN 50 PLF

SWAY BRACE TENSION OR COMPRESSION FORCE DUE TO EARTHQUAKE MORE THAN 500 LBS. SHALL BE ADDED T ADJACENT GIRDER OR JOIST TOP CHORD MEMBER AS

- 3. JOIST MANUFACTURER SHALL DESIGN ALL JOISTS WITH ADDITIONAL 500 LBS CONCENTRATED ADLOAD AT ANY ONE
- 4. DESIGN SHALL INCLUDEANY ROOF HUNG LOADS SHOWN ON PLUMBING AND STRUCTURAL PLANS.
- 5. SEE FRAMING / BEAM SCHEDULE FOR AXIAL LOADS, TYPICAL ALL JOISTS UNLESS OTHERWISE NOTED ON ROOF FRAMING PLAN.
- 6. JOISTS OR GIRDERS LOCATED TO SUPPORT ROOF SCREEN SHALL JOISTS OR GROUPS LOCATED TO SUPPORT ROOF SCREEN SHALL BE DESIGNED FOR 1250 LBS, OF UPWARD OR DOWNWARD LOAD AT LOCATIONS SHOWN ON PLANS MAX, 8'-0" O.C. FOR CONNECTIONS TO ROOF MEMBER, BETWEEN THE PANEL POINTS SHALL BE DESIGNED FOR BENDING OR AUXILIARY WEB SHALL BE PROVIDED FROM POINT LOAD TO NEAREST PANEL POINT BY STEEL ERECTOR.
- H. JOIST GIRDERS:
 a) DEAD LOAD = 14 PSF TYPICAL (INCLUDING GIRDER WEIGHT).
 b) LIVE LOAD = 20 PSF (REDUCIBLE)
- 1. SPRINKLER MAINS AS SHOWN ON FIRE SPRINKLER DRAWINGS
- 2. ANY ROOF HUNG LOADS SHOWN ON PLUMBING AND STRUCTURAL PLANS 3. SEE FRAMING / BEAM SCHEDULE FOR AXIAL LOADS, TYPICAL ALL GIRDERS UNLESS NOTED OTHERWISE ON ROOF FRAMING PLANS.
- 4. JOIST MANUFACTURER SHALL DESIGN ALL GIRDERS FOR AN ADDITIONAL 1500 LBS CONCENTRATED ADLOAD AT ANY ONE JOIST BEARING PANEL POINT
- SEE ROOF FRAMING PLANS AND SCHEDULES FOR GIRDER SIZES VENDOR GIRDER DESIGNATIONS NOTED ARE FOR DEAD AND LIVE LOADS NOTED UNDER ITEMS "G" AND "H".
- J. FOR SUBPURLIN CROSS TIES SEE DETAIL.
- K. FOR PURLIN SPACED GREATER THAN 8'-0 1/8" O.C. PLYWOOD SHALL BE CUT FROM 4'-0" x 10'-0" SHEETS
- L. PANELIZED ROOF CONTRACTOR SHALL PROVIDE ALL FRAMING AT SKYLIGHTS, VENTILATORS, ROOF HATCHES AND OTHER PENETRATIONS UNLESS NOTED OTHERWISE.
- M. CONTRACTOR SHALL CO-ORDINATE PURLIN LAYOUT WITH PANELIZED ROOF CONTRACTOR SO THAT ANCHOR BOLTS, STRAPS, ETC. ARE
- N. SEE ROOF FRAMING PLANS FOR ROOF SHEATHING NAILING SCHEDULE
- → DENOTES JOIST LIVE LOAD DESIGN (PLF)
 → DENOTES JOIST TOTAL DESIGN LOAD (PFL)
 → DENOTES JOIST DEPTH
 (NUMBERS SHOWN ARE EXAMPLES ONLY)
- P. 40 G6N 10K ETC. DENOTES OPEN WEB STEEL JOIST GIRDER AS MANUFACTURED BY VULCRAFT OR APPROVED EQ. DENOTES TOTAL DESIGN LOAD (KIPS) APPLIED AT EACH GIRDER PANEL JOINT.

 →DENOTES JOIST GIRDER DEPTH.
- Q. VERIFY LOCATION AND SIZE OF ALL SPRINKLER MAINS WITH THE FIRE SPRINKLER PLANS. R. SUBPURLIN
- - 2 x 6 or 3 x 6 or 4 X 6 AT 24" O.C. DF #1 8'-0" MAX. SPAN, U.N.O. 2 x 8 or 3 x 8 or 4 X 8 AT 24" O.C. DF #1 10'-0" MAX. SPAN, U.N.O.
- S. a) PLACEMENT OF ROOF SHEATHING AND NAILING TO BE INSPECTED. AND APPROVED BY THE BUILDING DEPT. PRIOR TO COVERING b) PROVIDE 2 ROWS OF BOUNDARY NAILING ALL AROUND THE OPENINGS AND BEAM LINES.
- c) ON ALL MEMBERS WHERE STRAP TIES OCCUR, THE PLYWOOD
- O ION ALL MEMBERS WHERE STRAP TIES OCCUR, THE PLYWOOD NAILING SHALLBE EDGE NAILED.

 IF THE STRAP IS PLACED OVER THE PLYWOOD, THE STRAP NAILS SHOULD PENETRATE THROUGH THE PLYWOOD, NOT IN THE JOINT BETWEEN THE PLYWOOD

 AS AN ALTERNATE TO PLYWOOD, USE SAME THICKNESS STRUCTURAL
- NO. 1 ORIENTED STRAND BOARD EXPOSURE 1 (OSB).

 1) ALL ROOF SHEATHING NAILS SHALL BE COMMON NAILS AS NOTED ABOVE. DRIVEN FLUSH, BUT NOT FRACTURING THE SURFACE OF THE SHEATHING. g) JOIST GIRDERS SHALL BE NAILED W/ 2 ROWS OF 10d @ 2 1/2" O.C.
- STAGGERED FROM THE WALL TO THE THIRD INTERIOR PURLIN (SEE ALSO THE NAILING SCHEDULES). h) ALL ROOF SHEATHING NAILS SHALL PENETRATE INTO FRAMING MEMBERS1 5/8" MIN
- PLYWOOD SHALLBE SIZED FOR 8'-0 1/8" PURLIN SPACING. FOR PLYWOOD LENGTHS GREATER THAN 8'-0 1/8", CUT PLYWOOD FROM 4 x 10 PLYWOOD SHEETS.
- S × SUBPURLINS (WHERE SHOWN) ARE REQUIRED AT PANEL EDGES OR AS SPECIFIED AT HIGH SHEAR DIAPHRAGMS.

 1) 4 × SUBPURLINS ARE REQUIRED AT WALL ANCHOR LOCATIONS.

 1) AT STEEL LEDGERS, FASTENERS SHALL BE 1.45° Ø MIN, POWER DRIVEN FASTENERS, WITH FULL HEADS, MANUFACTURED BY PNUTEK (ICBO #3447) or AIN APPROVED EQUAL. THE PIN MUST BE LONG ENOUGH TO PENETRATE THROUGH THE THICKNESS OF THE SUPPORT A MIN. OF 1/4". IF POWER DRIVEN PINS DO NOT PENETRATE THROUGH THE LEDGERS THEN LISE GOLD AS 125 × CORDING. LEDGERS THEN USE EQUAL SIZE TEK SCREWS.

CONT. ON SHEET D-3

Architecture Engineering 5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818. 706. 3997 Fax 818. 706. 2453

C-12762 OF CALIFOR VINCENT DYER



Revisions

CABRILLO BUSINESS PARK BUILDING NO. 4

GOLETA, CA GENERAL NOTES

HOLLISTER AVE

11-18-09

0904

B. LUN

- A. ALL LUMBER SHALL BE GRADE MARKED DOUGLAS FIR RAFTERS, BEAMS, PURLINS: DOUGLAS FIR NO. 1 UNLESS OTHERWISE NOTED.
 - JOISTS, PURLINS 2" TO 4" WIDE, 6" & DEEPER NO. 1 OR BETTER BEAMS, PURLINS OVER 4" WIDE NO. 1 OR BETTER SUB PURLINS 2" TO 4" WIDE, 6" & DEEPER NO. 1 OR BETTER SUB PURLINS 2" TO 4" WIDE, 6" & DEEPER NO. 1 OR BETTER LEDGERS NO. 1 OR BETTER STUDS 2" X 4" OR 2" X 6" OR 3" X 4" NO. 2 POSTS 5" X 5" & LARGER NO. 1 SILLS, PLATES & BLOCKING NO. 2 NAILER (@ JOIST OR GIRDER NO. 2
- B. SILLS AND PLATES IN CONTACT WITH CONCRETE OR MASONRY AND WITHIN 48" OF GROUND SHALL BE PRESSURE TREATED DOUGLAS FIR (PTDF). SILLS SHALL BE BOLTED TO THE FOUNDATION WITH 12" DIAMETER 10" BOLTS AT 48" ON CENTER. 12" MINIMUM FROM ENDS OR 2 BOLTS MINIMUM PER PIECE (UNLESS NOTED OTHERWISE).
- C. STUD WALLS ABUTTING A CONCRETE OR MASONRY WALL SHALL BE BOLTED TO THE WALL WITH 1/2" ANCHOR BOLTS AT 24" ON
- D. ALL NON BEARING STUD WALLS SHALL BE 2 X 4 STUDS AT 16* O.C. TO MAXIMUM HEIGHT OF 14'-0" WITH 5/8" GYP BOARD EACH SIDE UNLESS OTHERWISE NOTED.
- E. ALL STUD WALLS SHALL HAVE FULL HEIGHT 1 X6 DIAGONAL LET-IN BRACES AT ENDS AND AT INTERVALS NOT EXCEEDING 25 ON CENTER UNLESS OTHERWISE NOTED ON PLANS. BRACES SHALL COVER A MINIMUM OF SIX STUD SPACES.
- F. COMMON NAILS SHALL BE USED. BOX NAILS, IF INCREASED IN NUMBER BY 33%, MAY ALSO BE USED.
- G. FIREBLOCKING, 2" THICK, SHALL BE PLACED IN STUD WALLS AT CEILING AND FLOOR LEVELS, AT EACH 10" HEIGHT OF STUDS, AND BETWEEN STAIR STRINGERS AT SUPPORTS.
- H. JOISTS SHALL BE BLOCKED AT SUPPORTS AND BRIDGED OR BLOCKED AT INTERVALS OF 8' WHERE JOISTS AR 2" X 12" OR DEEPER.

9. PLYWOOD

- A. PLYWOOD SHEETS SHALL BE STRUCTURAL 1 CONFORMING TO PS 1-95 AND SHALL BE STAMPED WITH THE APA RATED SHEATHING GRADE MARK OF THE AMERICAN PLYWOOD ASSOCIATION.
- B. EACH SHEET SHALL HAVE A MINIMUM AREA OF 8 SQ. FT. WITH A MINIMUM DIMENSION OF 2'.
- C. SEE FRAMING PLAN FOR DIAPHRAGM NAILING SCHEDULE. NAILING SHALL BE INSPECTED AND APPROVED BEFORE COVERING.

10. SEQUENCE OF CONSTRUCTION

- A. POUR CONCRETE FOOTING
- B. POUR FLOOR SLAB TO WITHIN 2' 6' OF INSIDE FACE OF WALL EXCEPT WHEN OTHERWISE NOTED ON FOUNDATION PLAN.
- C. APPLY BOND BREAKING COMPOUND TO FLOOR AREAS TO BE USED AS CASTING SURFACES.
- D. FORM PANELS AND POUR ON SLAB. TAKE CYLINDERS FOR TESTS OF CONCRETE
- E. ERECT PANELS AND PROVIDE A MINIUMUM OF 2 (TWO) WALL BRACES FROM PANELS TO FLOOR SLAB. SECURE BRACES AND REMOVE RIGGING ONLY AFTER THE PANEL SARE SHIMMED AND COMPLETELY PLUMB. PANEL BRACES ARE TO REMAIN IN PLACE UNTIL ROOF STRUCTURE, INCLUDING SHEATHING AND HARDWARE, HAVE BEEN INSTALLED.
- F, DRY PACK BOTTOM OF PANEL BEFORE ERECTION OF ROOF STRUCTURE
- G. COMPLETE CONCRETE FLOOR SLAB.
- H. ERECT ROOF STRUCTURE.
- FIELD WELD ALL PANEL CONNECTIONS AFTER GIRDERS AND JOIST ARE IN PLACE

11. METAL STUDS

- A. ALL METAL STUDS AND METAL JOISTS SHALL BE GALVANIZED, CONFORM TO ASTM A 508, AND HAVE A BASE METAL THICKNESS AS INDICATED BELOW (NOTE B) WITH METAL COATING PER APPROVAL REQUIRED.
- B. METAL STUDS FOR NON-BEARING WALLS SHALL BE SCREWABLE (S.S) MAXIMUM UNSUPPORTED HEIGHT: (WIND LOAD 5 PSF)
 - 25 GA. 3 5/8" (362SS25) AT 24" O.C. UP TO 11' 0" HIGH 20 GA. - 3 5/8" (362SS20) AT 16" O.C. UP TO 16' - 0" HIGH 20 GA. - 6" (600SS20) AT 16" O.C. UP TO 24' - 0" HIGH 18 GA. - 6" (600SS20) AT 16" O.C. UP TO 26' - 6" HIGH 18 GA. - 8" (800SS20) AT 16" O.C. UP TO 34' - 0" HIGH
- C. METAL STUDS SHALL BE MANUFACTURED BY STEEL STUD MANUFACTURES ASSOCIATION (SSMA), CEMCO STRUCTURAL STEEL FRAMING, ICC - #ER-3403P, OR APPROVED EQUAL BY METAL STUD MANUFACTURERS' ASSOCIATION MEMBERS.
- D. METAL STUDS SHALL BE INSTALLED PER THEIR APPROVAL AND

- E. THE CONTRACTOR SHALL CALL THE ENGINEER TO INSPECT THE LIGHT GAUGE METAL FRAMING AND BRACING CONSTRUCTION AND SHALL CORRECT ANY DEFICIENCIES OR ADD ANY NECESSARY FASTENERS OR MEMBERS PER ENGINEER'S INSTRUCTION PRIOR TO INSTALLATION OF ANY COVERING OR CEILING TILES.
- F. MINIMUM OF (2) #8 SCREWS ARE REQUIRED FOR ATTACHMENT OF ANY MEMBER NOT SHOWN ON DETAILS OR AS RECOMMENDED BY STUD MANUFACTURES.
- G. THE CONTRACTOR SHALL PROVIDE LATERAL SUPPORT FOR FULL HEIGHT AT BOTH FACES OF STUDS WHERE WALL COVERINGS DO NOT OCCUR. THE BRACING SIZES SHALL BE PER MANUFACTURES RECOMMENDATIONS.
- H. IN LIEU OF STRAP BRACING GIVEN ABOVE, CONTINUOUS COLD ROLLED LATERAL BRACING 1 1/2" x 16 GA CHANNEL (BLACK IRON), MAY BE PROVIDED AT MAXIMUM SPACING GIVEN IN ICBO REPORT # ER 3404 P.
- J. CONTINUOUS INSPECTION SHALL BE REQUIRED FOR ALL LIGHT GAGE STEEL WELDING.
- K. PROVIDE AND INSTALL HEAVIER GAGE STUDS, STIFFENERS, BRACING, BACK-UP PLATES, ETC., AS REQUIRED AT STUD WALLS FOR SUPPORT OF TOILET ROOM FIXTURES AND OTHER EQUIPMENT.
- L. THE ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE TO INSPECT LIGHT GA. FRAMING PRIOR TO COVERING. ADDITIONAL FRAMING / BRACING MAY BE REQUIRED AT THIS TIME.
- M. THE CONSTRUCTION OF GYPSUM ASSEMBLY SHALL BE PER THE LATEST MANUAL OF "GYPSUM CONSTRUCTION HANDBOOK" PUBLISHED BY THE UNITED STATES GYPSUM COMPANY.
- N. THE CONTRACTOR SHALL PROVIDE PROPER VERTICAL EXPANSION JOINTS IN THE CONSTRUCTION OF CONTINUOUS RUN OF GYPSUM WALLS TO RELIEVE THE STRESSED CAUSED BY EXPANSION AND CONTRACTION. MAXIMUM SIZE AND SPACING SHALL BE AS RECOMMENDED IN CONSTRUCTION INDUSTRY OR AS RECOMMENDED BY THE "GYPSUM CONSTRUCTION HONDSTRY OR AS RECOMMENDED BY THE "GYPSUM CONSTRUCTION HANDBOOK".

13. PERMIT

- THE PERMIT APPLICANT SHALL RETAIN THE DESIGN ENGINEER OR ARCHITECT OF RECORD OR OTHER RESPONSIBLE ENGINEER APPROVED BY THE BUILDING OFFICIAL TO ENSURE THAT:
- A. ALL ELEMENTS OF CONSTRUCTION WHICH REQUIRE SPECIAL INSPECTION PER CHAPTER 17 OF THE 2007 CBC SHALL BE INSPECTED BY QUALIFIED DEPUTY INSPECTORS APPROVED BY THE BUILDING OFFICIAL. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS WHO SHALL PROVIDE CONTINUOUS INSPECTION FOR THE FOLLOWING TYPE OF WORK:

 11 FIELD WELDING
 - 2) EPOXY INJECTION OF ANCHOR BOLTS
 3) INSTALLATION OF HIGH-STRENGTH BOLTS
 4) PLACEMENT OF CONCRETE
- B. ALL CODE DEFICIENCIES DETECTED AND DEVIATIONS FROM THE APPROVED PLANS ARE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF NOT CORRECTED, REVISED DESIGNS TO OVERCOME THE DEFICIENCY SHALL BE PREPARED BY THE DESIGN BROINEER OR ARCHITECT OF RECORD FOR APPROVAL BY THE BUILDING OFFICIAL.
- C. ALL CORRECTIVE WORK REQUIRED IS COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, AND CITY ADOPTED CODES.
- D. FINAL INSPECTION REPORT, SIGNED BY THE SPECIAL INSPECTOR AND THE RESPONSIBLE ENGINEER, IS SUBMITTED TO THE BUILDING OFFICIAL UPON THE COMPLETION OF EACH ELEMENT REQUIRING SPECIAL INSPECTION. THE REPORT MUST CERTIFY THAT THE WORK WAS IN COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND APPLICABLE CITY CODES INCLUDING ANY AUTHORIZED CHANGES TO THE PLANS

INTENTIONALLY LEFT BLANK

JDO Dyer

Architecture Engineerii

i376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453



VINCENT DYER



G.O. DYER
NO. 934
THIS DOCUMENT, AND THE BEAS AND DESIGN
HERD. AS AN INSTRUMENT OF MOPESCON.
RESEN. AS AN INSTRUMENT OF MOPESCON.
RESEN. AS AN INSTRUMENT OF MOPESCON.
RESECUTION OF MOPESCON.
RESECUT

Revisions

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVE GOLETA, CA

GENERAL NOTES

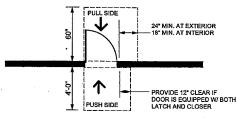
ote:

11-18-09

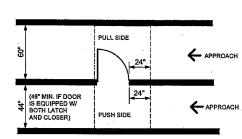
0904

Drown by:

D-3



ERONT APPROACH



LATCH APPROACH

LEVEL MANEUVERING AT DOORS

NOTE: FLOOR OR LANDING NOT MORE THAN 1/2* IS REQUIRED ON EACH SIDE OF EXIT DOORS

4

THRESHOLD @ DOOR W/ AUTO CLOSER

BEVEL

CONCRETE

FLOOR-

SC: NONE

ACOUSTICAL DOOR

DROP DOOR BOTTOM WHEN DOOR CLOSES

SOLID, SMOOTH THRESHOLD (STONE, METAL, VINYL, ETC.) SET IN CONTINUOUS MASTIC —

1/4" MAX. -



- CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.
- 1:5 AND 1:10.

 CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT US MEASURED USING AN UPPERCASED "X". LOWERCASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 1133B.8.6 (CBC), THE MINIMUM CHARACTER HEIGHT SHALL BE 3 INCHES.
- HEIGHT SHALL BE 3 INCHES.

 WHEN RAISED CHARACTERS ARE REQUIRED OR WHEN PICTORIAL SYMBOLS

 ARE USED ON SUCH SIGNS, THEY WHALL CONFORM TO THE FOLLOWING:

 a) CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH MIN.

 AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY

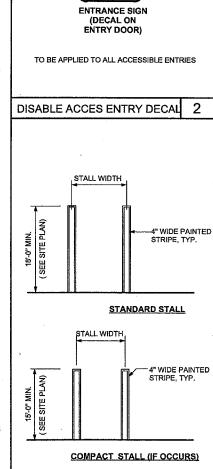
 GRADE 2 CALIFORNIA BRAILLE COMPLYING WITH SECTION 1117B.5.6 (CBC).

 b) CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH

 AND A MAYIMI MN OF 2 INCHES HIGH.
- b) CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH AND A MAXIMUM OF 2 INCHES HIGH.
 c) PICTORIAL SYMBOL SIGNS: PICTORIAL SYNBOL SIGNS SHALL BE ACCOMANPIED BY THE VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE OUTSIDE DIMENSION OF THE PICTOGRAM FIELD SHALL BE A MINIMUM OF 6 INCHES IN HEIGHT.
- CONTRACTED GRADE 2 CALIFORNIA BRAILLE SHALL BE USED WHEREVER BRAILLE
- CONTRACTED GRADE 2 CALIFORNIA BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS.
 WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALLS ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTER LINE OF HTE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

TACTILE EXIT SIGNAGE

5



TYPICAL PARKING STALL

| | HARDWARE | | | | | | | | | | |
|----|---|--|--|--|--|--|--|--|--|--|--|
| # | DESCRIPTION | | | | | | | | | | |
| 1 | ALUMINUM PUSH / PULL PLATE | | | | | | | | | | |
| 2 | CLOSER | | | | | | | | | | |
| 3 | CONCEALED CLOSER | | | | | | | | | | |
| 4 | PASSAGE | | | | | | | | | | |
| 5 | PRIVACY | | | | | | | | | | |
| 6 | KEY LOCK | | | | | | | | | | |
| 7 | CYLINDER LOCK | | | | | | | | | | |
| 8 | ASSISTED OPENER AND TIMED CLOSER | | | | | | | | | | |
| 9 | PUSH / PULL PLATE | | | | | | | | | | |
| 10 | SCHLAGE "L" LOCK 03/626 FINISH | | | | | | | | | | |
| 11 | FACTORY STANDARD | | | | | | | | | | |
| 12 | LOCK AT SILL PLATE | | | | | | | | | | |
| 13 | SIGN "EXIT" | | | | | | | | | | |
| 14 | SIGN "MEN " (SEE HANDICAP NOTES & DETAILS) | | | | | | | | | | |
| 15 | SIGN "WOMEN" (SEE HANDICAP NOTES & DETAILS) | | | | | | | | | | |
| 16 | UNISEX SIGN (SEE HANDICAP NOTES & DETAILS) | | | | | | | | | | |
| 17 | 20 MINUTE ASSEMBLY | | | | | | | | | | |
| 18 | PANIC HARDWARE | | | | | | | | | | |
| 19 | DOOR COORDINATOR | | | | | | | | | | |
| 20 | SELF-LOCKING | | | | | | | | | | |
| 21 | DROP SILL - SEE DETAIL 1 / D-4 (THIS SHEET) | | | | | | | | | | |
| 22 | POWER ASSISTED - SARGENT OR EQ. | | | | | | | | | | |
| | HAND ACTIVATION CENTERED 30" TO 44" A.F.F. | | | | | | | | | | |
| 23 | 10" HIGH "KICK PLATE" | | | | | | | | | | |
| | | | | | | | | | | | |

INTERIOR

ALL INTERIOR LOCKSETS AND LATCHSETS SHALL BE: SCHLAGE D SERIES 626 FINISH WITH 2 3/4" BACKSET

ALL OFFICE DOOR BUTTS SHALL MATCH DOOR HARDWARE FINISH AND SHALL COMPLY WITH ALL APPLICABLE HANDICAPPED REQUIREMENTS.

PROVIDE FLOOR MOUNTED DOOR STOPS

EXTERIOR

HINGES W/ EXTERIOR PINS SHALL BE EQUIPPED W/ NON-REMOVABLE PINS & 1/4" DIA. STEEL JAMB STUDS 8 1/4" MIN. PROJECTION. DEAD BOLTS SHALL CONTAIN HARDENED INSERTS & SHALL HAVE A MIN. THROW OF 1" AND A MIN, EMBEDMENT OF 5/8". CYLINDER GUARDS SHALL BE INSTALLED ON ALL CYLINDER LOCKS PROJECTING PAST THE EXTERIOR FACE

LEGEND

| H.C. | HOLLOW CORE | S. F. | STOREFRONT |
|------|-------------|-------|------------|
| S.C. | SOLID CORE | O/H | OVERHEAD . |
| H.B. | HARD BOARD | PR. | PAIR |

TOILET ROOM **ACCESSORIES**

- A RECESSED TOWEL DISPENSER AND WASTE RECEPTACLE (BOBRICK B-3944)
- B MULTI-ROLL TOILET TISSUE DISPENSER (BOBRICK B-2740)
- SOAP DISPENSER (BOBRICK B-195)
 PROVIDE ONE FOR EVERY TWO LAV'S
- D SOAP DISPENSER FOR COUNTER TOP INSTALLATION (BOBRICK B-8221)
 PROVIDE ONE FOR EVERY TWO LAVS.
- E MIRROR AT COUNTER TOP LAV'S (BOBRICK B-290) SERIES VERIFY SIZE W / JDO + ASSOCIATES
- MIRROR AT WALL MOUNTED LAV. (BOBRICK B-165 1830)
- G NAPKIN / TAMPON VENDOR (BOBRICK B-352) IF REQ'D. VERIFY W / OWNER
- H SANITARY NAPKIN DISPOSAL (BOBRICK B-271) ONE FOR EACH TOILET
- J TOILET SEAT COVER DISPENSER

3

| | | RIOR FINISH | | | | | | | | | | | SCHEDULE | | | | | | | | | | | | | | | | | |
|---|----------------|-------------------------------------|-----------|-----------------|-----------------------|-----------------|--------------|----------------|---------------|---------------|----------------------|---------------------|-----------------------------|----------------------|-------------------------|-------------------------|-------|-----------------|----------|--------------------------|----------|---------------------------------|----------|----|----------------------------|---------------------------|-----------------------------|---------------------|----------------|--------------|
| | ROOM NUMBER | ROOM NAME | L | FLC | 00F | ₹ | | | ВА | SE | _ | | | _ | WA | ALLS | 3 | | | V | ΝAI | NS | сот | | C | EILI | NG | | нт. | REMARKS |
| | | | NO FINISH | 1/8" VINYL TILE | 380 VINYL SHEET GOODS | SEALED CONCRETE | CERAMIC TILE | TOP SET CARPET | TOP SET VINYL | WOOLD | 6 COVED CERAMIC FILE | S COVED SHEET VINYL | VOSTIN BOARD PAINTED - FLAT | CONCRETE - NO FINISH | YPSUM BOARD - NO FINISH | CERAMIC TILE TO CEILING | GLASS | CMU - NO FINISH | | CERAMIC TILE TO 48" HIGH | MARLITE | CERAMIC TILE AT URINAL 48" HIGH | | | CODDINA DOAGO BAINTED ELAT | GYPSUM BOARD PAINTED FLAT | GTPSOM BOARD PAINTED ENAMEL | AFUSED CONSTRUCTION | CEILING HEIGHT | |
| ļ | 400 | TENIANT COACE | Ľ | Ц | Н | _ | ျ | 븨 | 뱍 | 4 | 4 | 1 | 4 | 70 | 1 | _ | ▃ | ပ | Ц | ပ | ב | ျ | \perp | ┸ | Ľ | 7 | 4 | 4 | | |
| ŀ | 100 101 | TENANT SPACE FIRE SPRINKLER ROOM | Н | Н | | 위 | Ч | 4 | + | + | + | 4 | + | 丰 | ŀ | 4 | • | Ц | Ц | Щ | H | Ц | 4 | 4 | 4 | 4 | | _ | | |
| ŀ | 101 | VESTIBULE | Н | Н | | • | 4 | 4 | + | + | + | 4: | - | • | _ | ╀ | • | Н | ╙ | Н | Н | Н | 4 | 4 | + | + | 4 | 4 | 01.00 | · |
| ŀ | 102 | ELECTRICAL ROOM | Н | Н | _ | : | Н | 4 | + | + | + | : | _ | : | - | ╀ | • | Н | Н | Щ | \vdash | dash | + | + | + | 4 | + | _ | 8'-0" | |
| ŀ | 103 | STAIR NO. 3 | - | Н | ${oldsymbol{arphi}}$ | 4 | Н | 4 | + | + | + | : | _ | +• | + | +- | Н | Н | Н | Н | Н | \vdash | + | + | + | + | _ | # | | |
| ┢ | 105 | ELECTRICAL ROOM | H | Н | H | • | Н | \dashv | + | + | + | H: | _ | + | + | ╁ | Н | Н | Н | Н | ┥ | ┞┥ | + | + | + | + | | # | | |
| ŀ | 106 | MEN | Н | H | H | _ | - | \dashv | + | +, | ╗ | + | + | ,+- | + | ╁ | Н | Н | Н | • | \vdash | | + | + | + | +, | # | _ | 8'-0" | ł |
| ŀ | 107 | WOMEN | H | Н | H | - | : | \dashv | + | _ | + | + | - | _ | 十 | + | Н | Н | \dashv | ÷ | H | H | + | + | + | Ŧ. | | _ | 8'-0" | |
| ŀ | 108 | SHOWER . | Н | H | ┥ | _ | + | \dashv | ┰ | _ | ╬ | + | 十 | + | + | 1. | Н | Н | Н | H | \vdash | Н | + | + | + | + | | - | 8'-0" | |
| ŀ | 109 | SHOWER | Н | H | Н | | • | ┪ | 十 | _ | ; | + | + | + | + | • | Н | Н | Н | Н | H | H | + | + | + | + | | - | 8'-0" | <u> </u> |
| ı | 110 | ELEVATOR EQUIPMENT RM. | Н | H | Н | • | \dashv | 4 | + | + | + | 十 | + | + | 十 | 十 | Н | | Н | Н | \vdash | Н | \dashv | + | 士 | ť | + | _ | ±8'-6" | |
| t | 111 | STAIR NO. 1 | • | Н | 1 | 4 | H | \dashv | + | + | + | †• | ተ | 十 | + | + | H | H | Н | Н | \vdash | Н | + | + | ギ | + | +; | ď | | 1 |
| f | 112 | LOBBY | П | П | ┌┤ | 7 | 7 | 7 | + | † | + | Ť | † | + | † | 1- | Н | Η | H | Н | H | H | + | 十 | 十 | + | Ť | + | | |
| Ī | 113 | STAIR NO. 3 | • | Ц | | ┪ | ╗ | ┪ | 十 | T | † | • | 礻 | T | T | T | П | Н | - | | М | Н | 十 | † | \dagger | + | 7 | 1 | | 1 |
| ı | | | П | | ┌┤ | ╛ | П | ┪ | 十 | † | Ť | T | 十 | 十 | T | T | П | П | Н | Н | П | Н | + | + | + | + | Ť | 十 | | 1 |
| ſ | | | | | ┌┤ | _1 | _1 | | 十 | 1 | † | T | T | T | Τ | T | П | П | П | П | П | Н | 十 | 十 | † | T | † | 十 | | |
| I | | | | | ♂ | ╛ | ╗ | ╗ | 丁 | Ť | T | T | T | T | T | Τ | П | П | П | П | П | П | 十 | † | + | T | 十 | 十 | | |
| I | 200 | TENANT SPACE | | ┚ | 口 | • | ╗ | ╛ | 丁 | T | T | T | T | T | • | \mathbf{I}^{-} | • | ╗ | П | П | П | П | 十 | 十 | 十 | 十 | †• | 1 | | |
| L | 201 * | MEN | O | ┚ | | _ | • | J | 丁 | Ţ | • | I | • | T | Γ | Γ | П | ╗ | | • | П | • | 亣 | _† | _ | • | <u>†</u> | 1 | 8'-0" | |
| Ĺ | 202 | WOMEN | U | U | U | | • | J | J | Ţ | • | Ι | • | Ţ | Γ | Γ | П | □ | | • | | 口 | 丁 | T | T | • | 寸 | T | 8'-0" | |
| Ĺ | 203 | JANITOR'S ROOM | 口 | ┚ | ┚ | • | J | J | J | I | Ŀ | 1 | • | 工 | Γ | Γ | П | | ┚ | | | 口 | 丁 | Ţ | J | Ţ | • | | | |
| L | 204 | LOBBY | Ц | Ц | Ц | 1 | J | J | 工 | I | 1 | \mathbf{I} | Ι | I | Г | Γ | | | | ┚ | | ┚ | J | I | I | I | I | I | | |
| Ĺ | 205 | ELECTRICAL ROOM | Ц | Ц | \sqcup | • | J | l | 工 | I | Ι | • | T | Γ | Ľ | 匚 | 口 | | | | | 口 | J | J | I | I | ŀ | 1 | | |
| L | | | Ш | Ц | Ш | l | J | ⅃ | 工 | \mathcal{I} | I | Ţ | T | T | Ĺ | 匚 | 口 | | | ┚ | ▢ | ┚ | 工 | J | I | ${ m I}$ | ${\mathbb I}$ | I | | |
| L | | | Ш | Ц | Ц | 1 | \Box | \perp | 工 | Ţ | 1 | Ţ | Ţ | 工 | Ĺ | 匚 | 口 | ╝ | 1 | | ◻ | | J | I | I | Ι | Ι | I | | |
| ŀ | | | μ | Ц | Ц | 4 | 1 | ┵ | 4 | 1 | 1 | Ĺ | Ţ | Ŧ. | Ľ | Ļ | Ц | ╝ | J | J | Ū | J | J | ⊥ | I | Ţ | Ţ | Ţ | _ | |
| ŀ | | ··· | Н | Ц | Н | 4 | 4 | 4 | 4 | 1 | 4 | 1 | 1 | 1 | L | \perp | Ш | Ц | Ц | Ц | Ц | Ц | 1 | 1 | \perp | 1 | Ţ | 1 | | |
| ŀ | | | Н | Н | \vdash | 4 | 4 | 4 | 4 | + | + | + | + | + | + | 4- | Ш | Ц | 4 | Ц | Ц | Ц | 1 | 1 | 4 | 1 | 1 | 1 | | |
| L | | | ل | Ц | Ш | 4 | | ┙ | ᆚ | Ŧ | ┸ | L | L | 丄 | ┸ | ┸ | Ш | | ┙ | ل | ليا | ل_ا | ┸ | ┸ | T | T | T | T | | |
| _ | | | | | | | | | | | _ | _ | _ | | _ | _ | _ | _ | _ | | | | _ | | | | | | | |

| | | DO | OR | | | SCHE | DULE | | |
|----------------|-----------|--------|----------|---------------|-----------|---------------------|-------------|-------|-------------------|
| DOOR NUMBER | WIDTH | HEIGHT | THK. | MATERIAL | TYPE | HARDWARE | FINISH | FRAME | REMARKS |
| 1 | NOT USED | | | | | | | | |
| 2 | 3'-0" | 9'-0" | STD. | ALUM. / GLASS | S.F. | 1, 3, 7, 23 | ANOD. ALUM. | ALUM. | |
| 3 | PR. 3'-0" | 10'-0" | STD. | ALUM. / GLASS | S.F. | 1, 3, 7, 13, 23 | ANOD, ALUM. | ALUM. | ENTRY DECAL 2/D-4 |
| 4 | PR. 3'-0" | 10'-0" | STD. | ALUM./GLASS | S.F. | 1, 3, 7, 13, 23 | ANOD. ALUM. | ALUM. | ENTRY DECAL 2/D-4 |
| 5 | PR. 3'-0" | 10'-0" | STD. | ALUM./GLASS | HERCULITE | 1, 3, 7, 13, 22 | ANOD. ALUM. | ALUM. | ENTRY DECAL 2/D-4 |
| 6 | PR. 3'-0" | 10'-0" | STD. | ALUM./GLASS | S.F. | 1, 3, 8, 12, 13, 23 | ANOD. ALUM. | | ENTRY DECAL 2/D-4 |
| 7 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 6 | PREFIN. | METAL | |
| 8 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 6 | PREFIN. | METAL | |
| 9 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 6 | PREFIN. | METAL | |
| 10 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 4, 9, 14 | PREFIN. | METAL | |
| 11 | 3'-0" | 7'-0* | 1 3/4" | H,B. | S.C. | 2, 4, 9, 15 | PREFIN. | METAL | |
| 12 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 17, 20, 21 | PREFIN. | METAL | STC 55 RATED |
| 13 | ELEVATOR | | | | | | | | |
| 14 | NOT USED | | | | | | | | |
| 15 | NOT USED | | | | | | | | |
| 16 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 4, 13 | PREFIN. | METAL | |
| 17 | 3'-0" | 7'-0* | 1 3/4" | H.B. | S.C. | 2, 4, 9, 14 | PREFIN. | METAL | |
| 18 | 3'-0" | 7'-0* | 1 3/4" | H.B. | S.C. | 2, 4, 9, 15 | PREFIN. | METAL | |
| 19 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 4, 13 | PREFIN. | METAL | |
| 20 | ELEVATOR | | | | | | | | |
| 21 | 3'-0" | 7'-0" | 1 3/4" | H.B. | S.C. | 2, 6 | PREFIN. | METAL | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | <u> </u> | | | | | | |
| | | | | | | | | | _ |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| - | | | Щ. | L | | | <u> </u> | | |

Architecture Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453





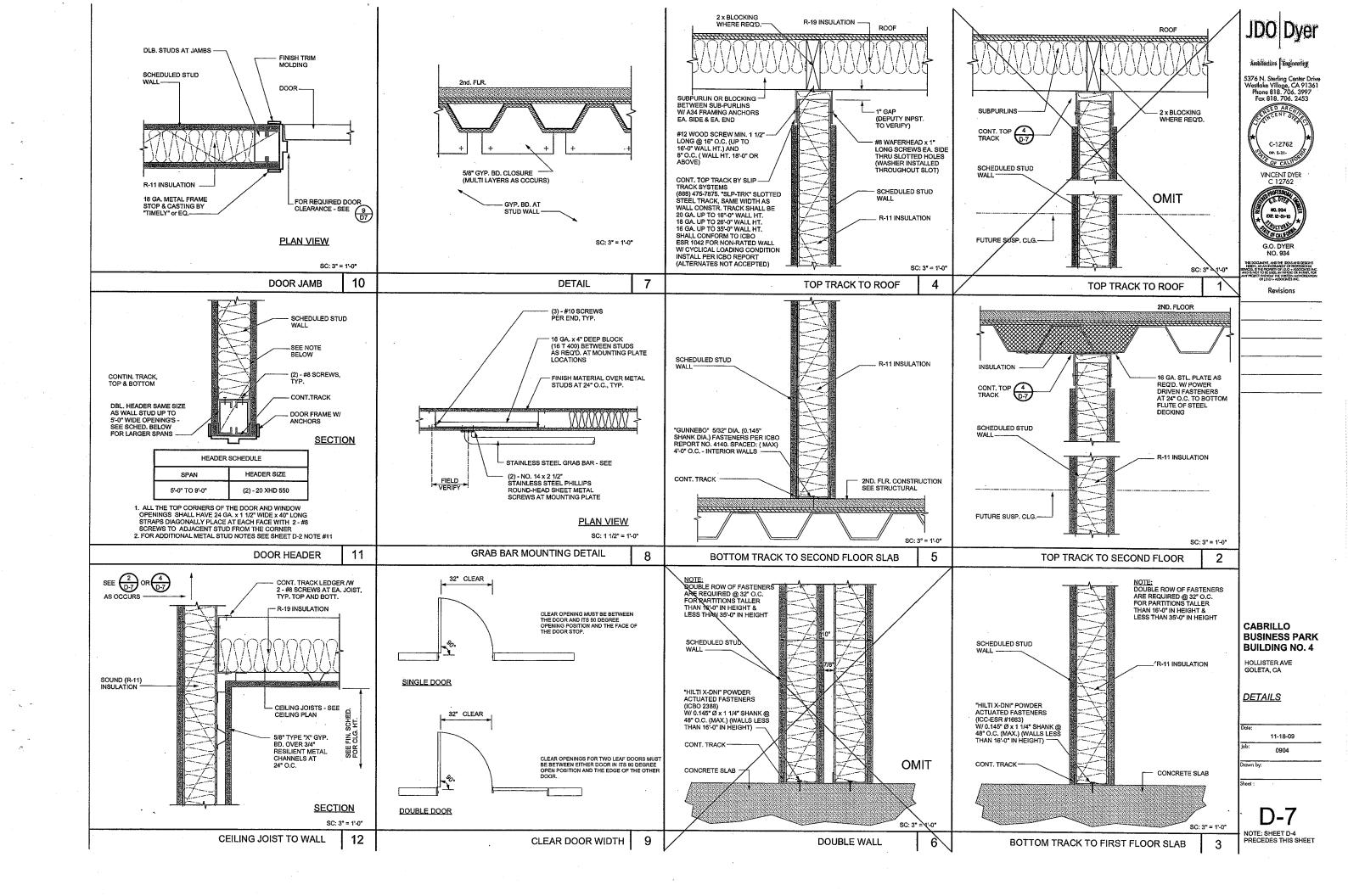
CABRILLO **BUSINESS PARK BUILDING NO. 4**

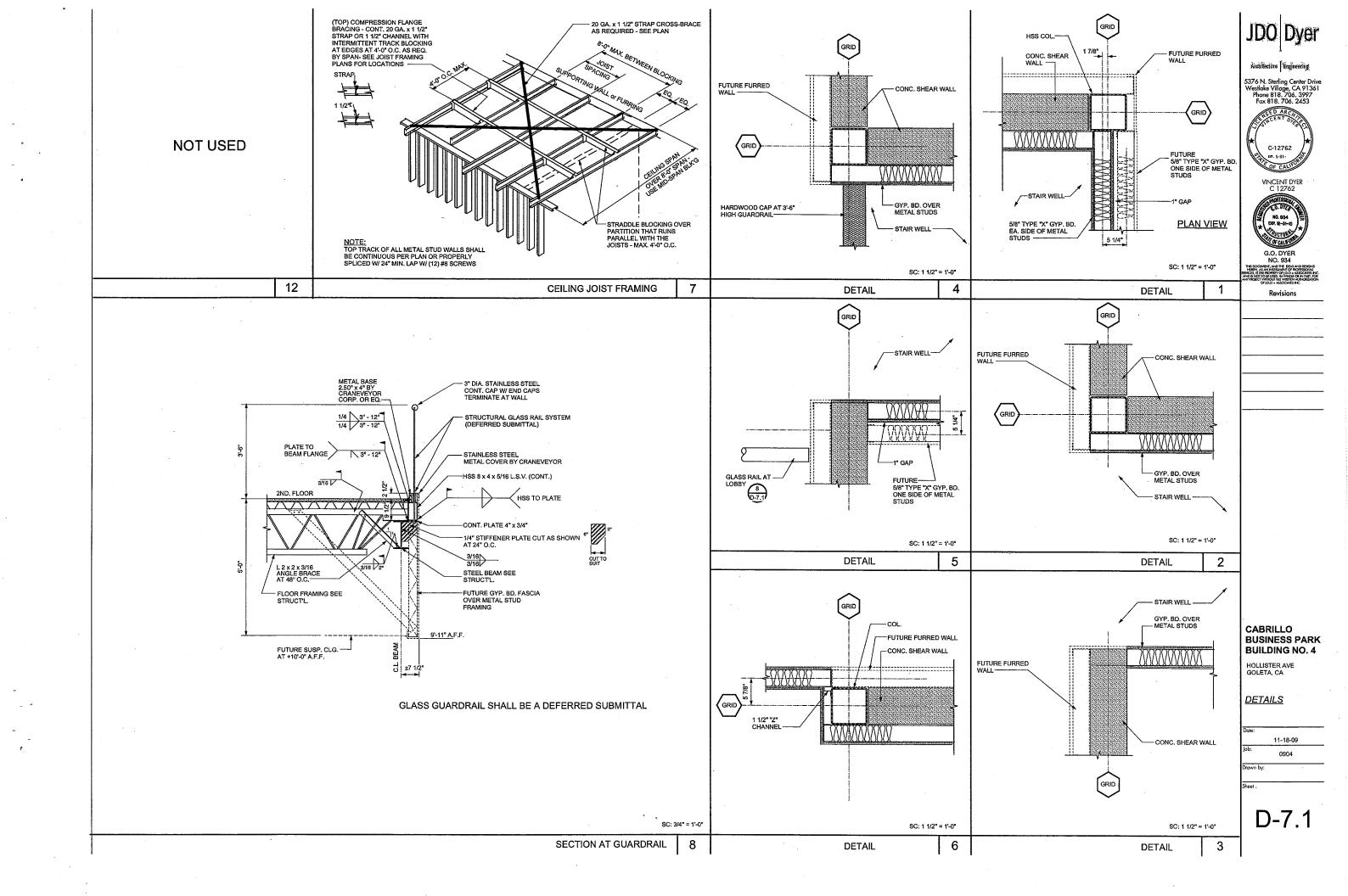
HOLLISTER AVE GOLETA, CA

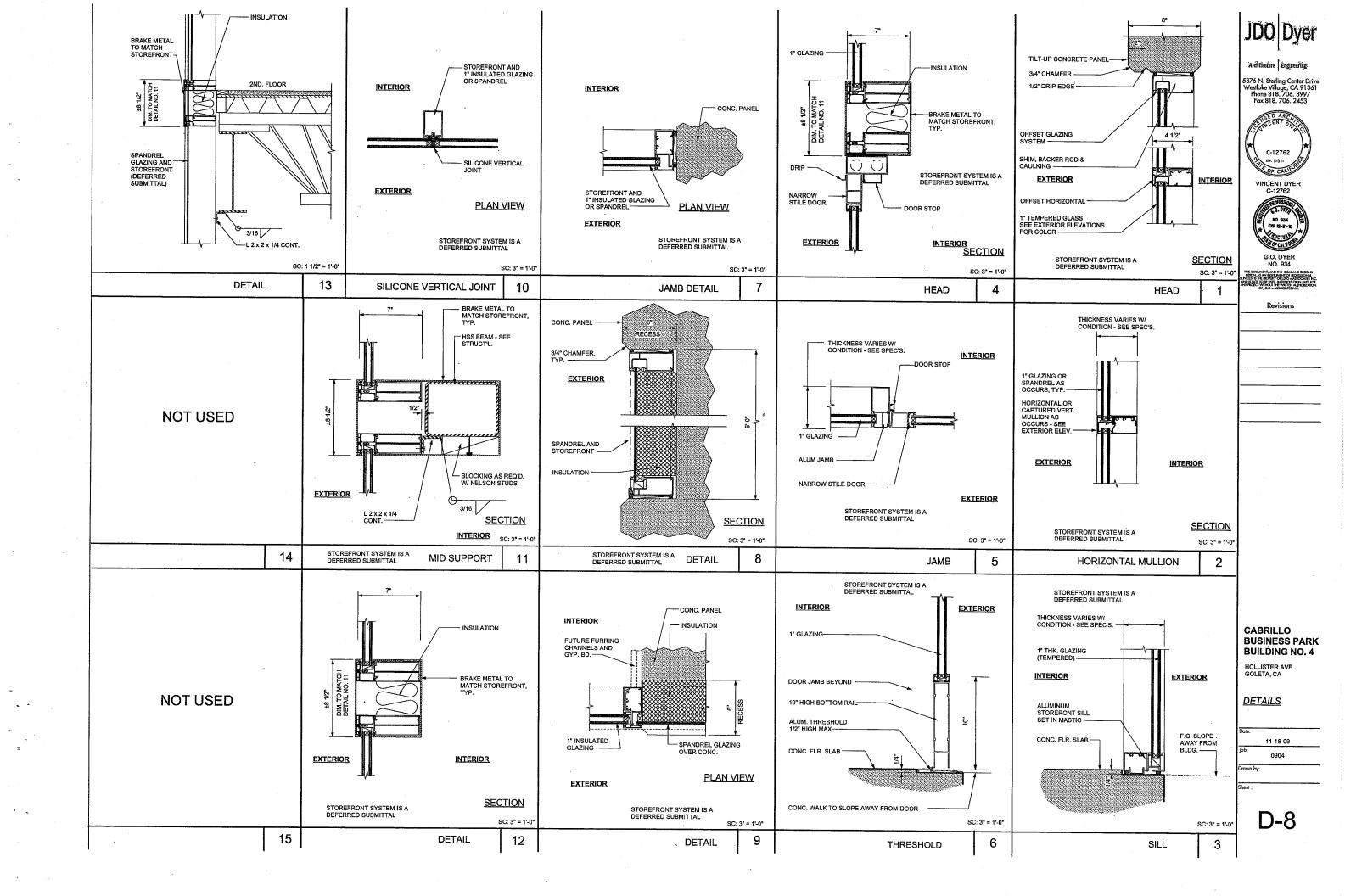
DOOR AND FINISH SCHEDULE

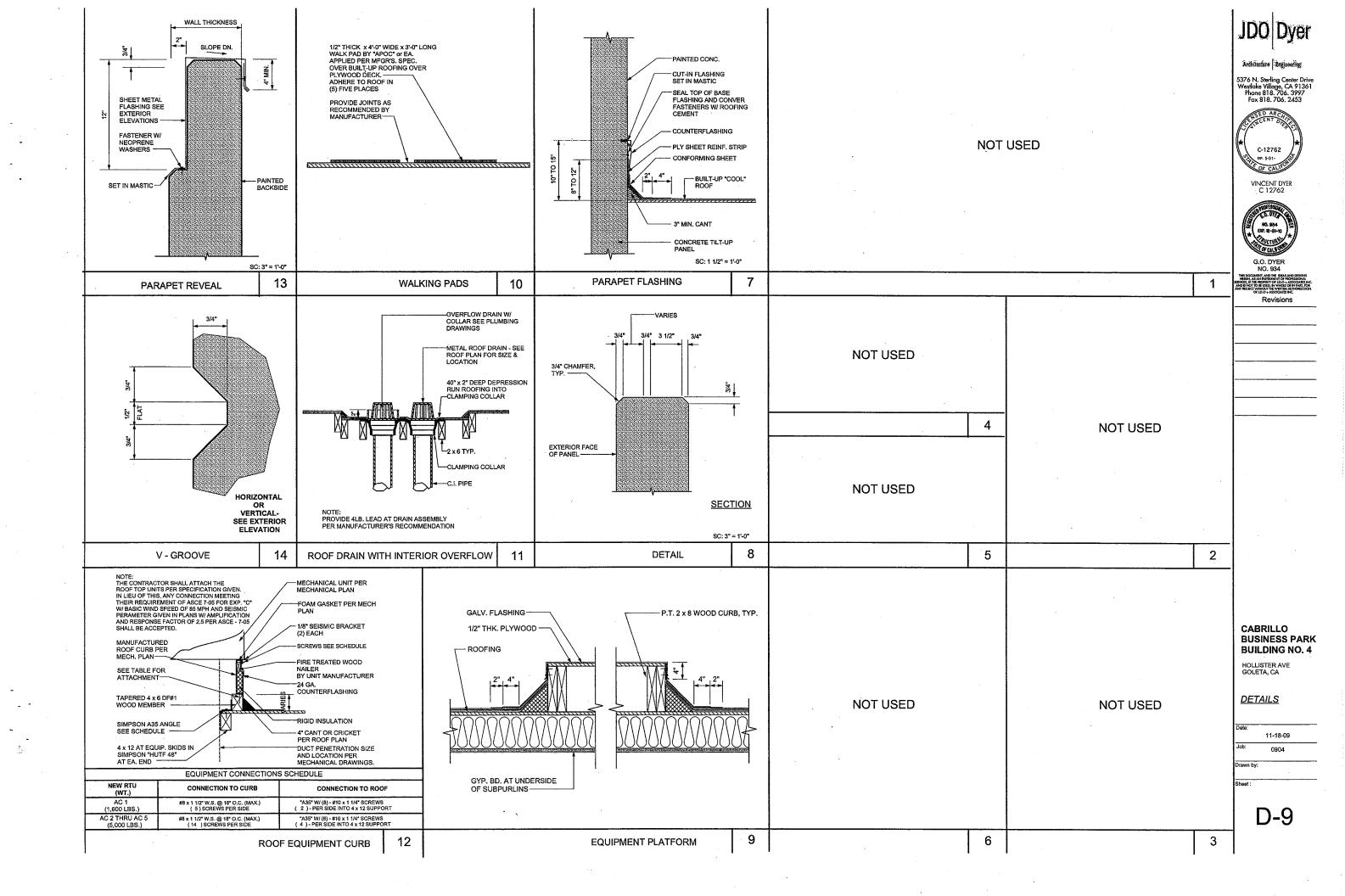
> 11-18-09 0904

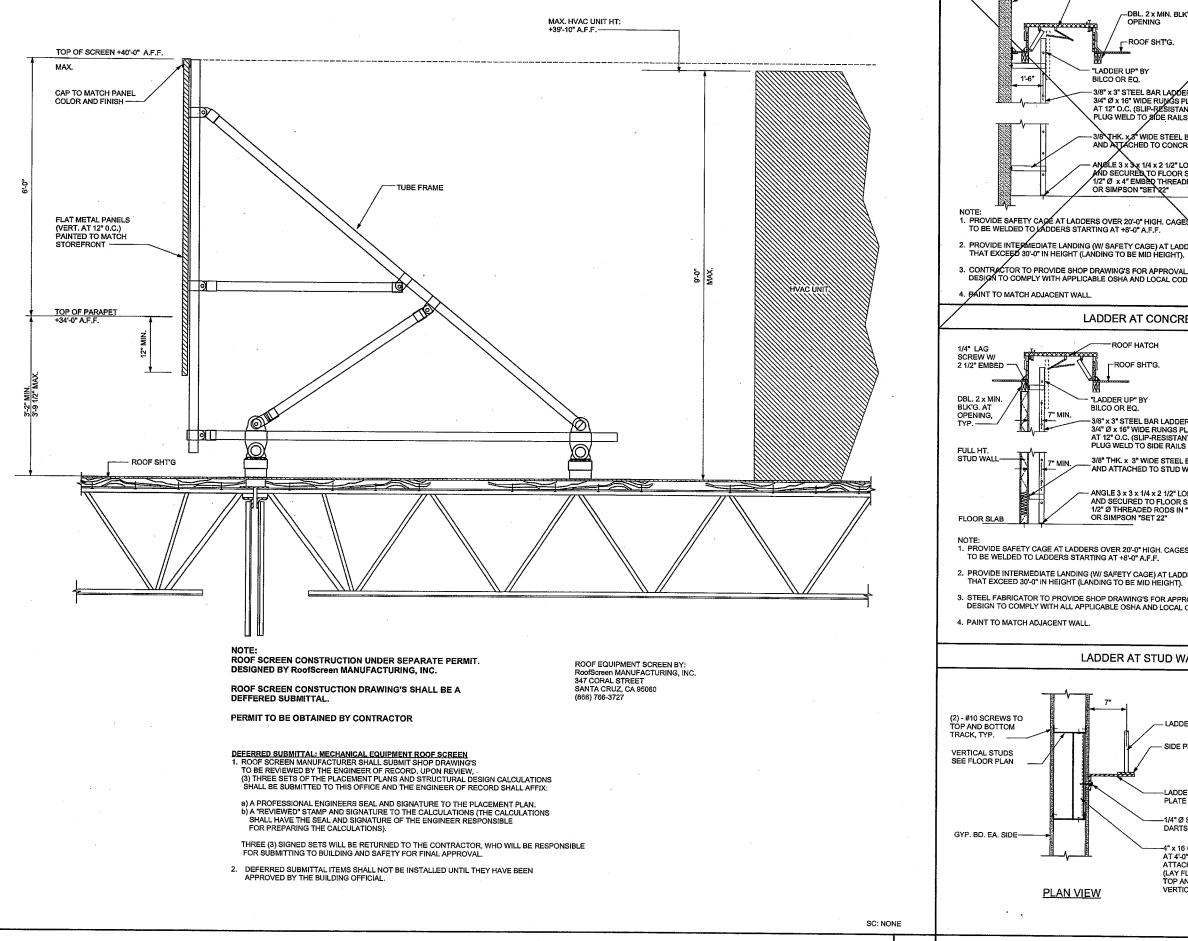
NOTE: SHEET D.7 FOLLOWS THIS SHEET









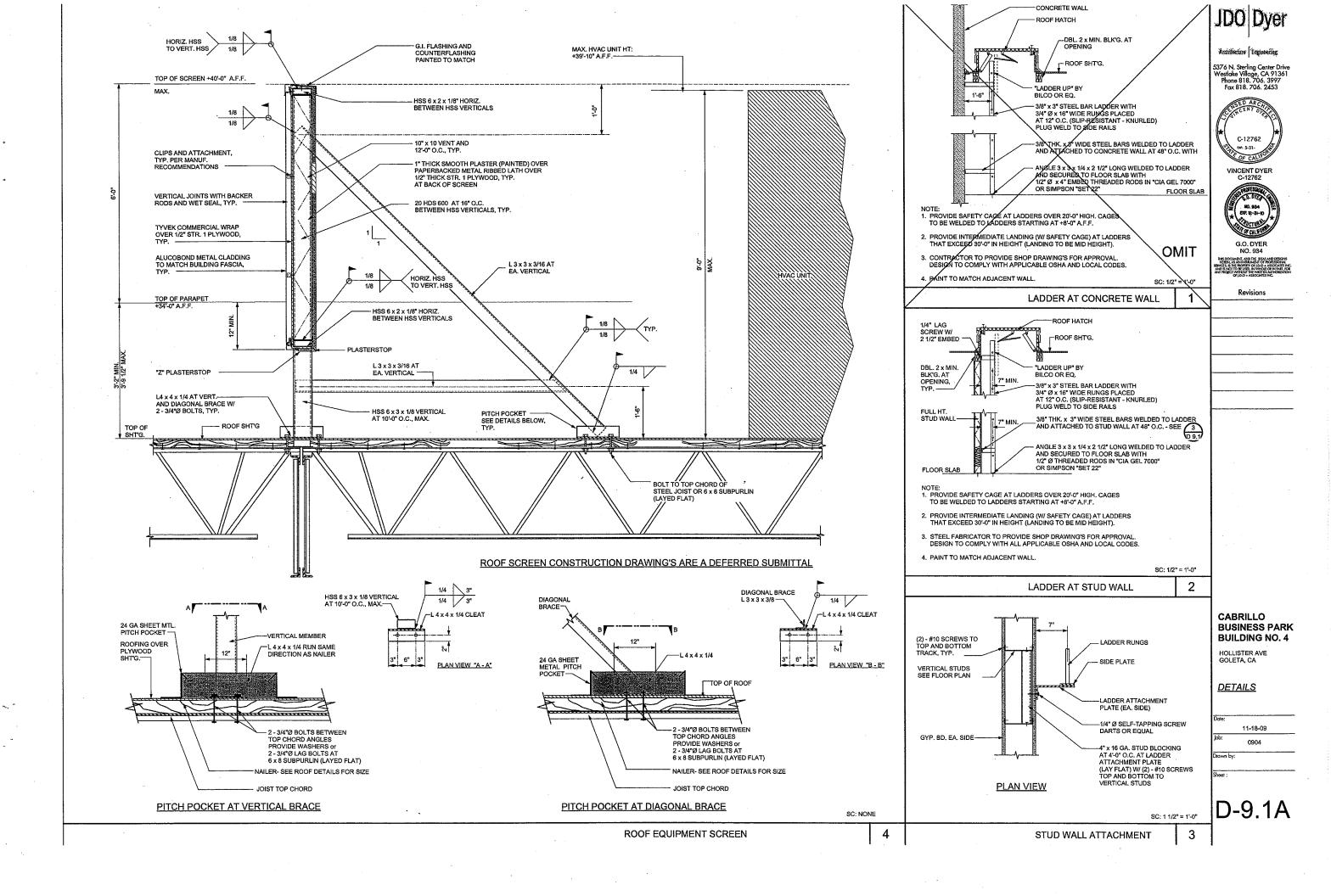


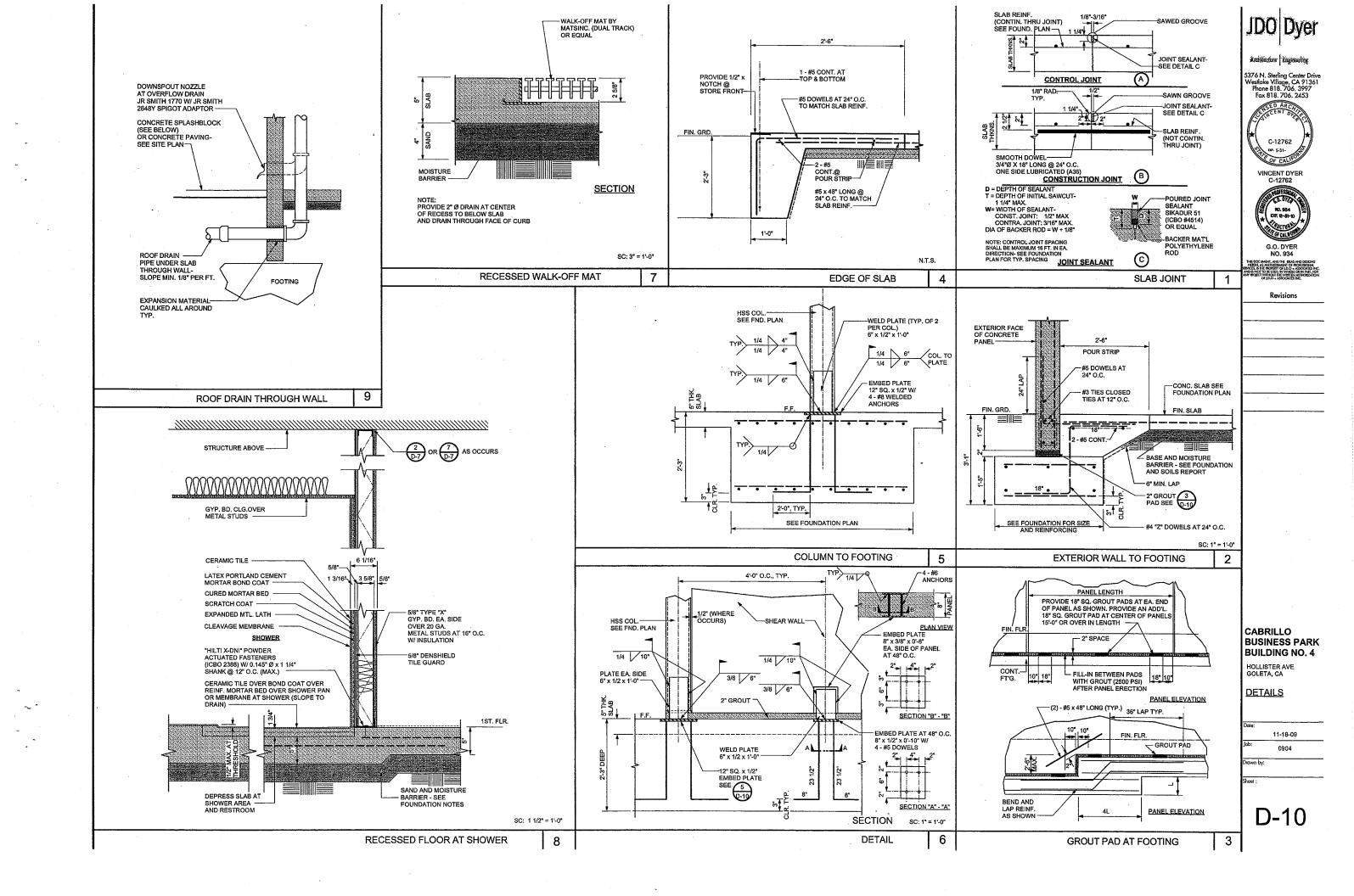
CONCRETE WALL ROOF HATCH DBL. 2 x MIN. BLK'G. AT - 3/8" x 3" STEEL BAR LADDER WITH 3/4" Ø x 16" WIDE RUNGS PLACED AT 12" O.C. (SLIP-RESISTANT - KNURLED) PLUG WELD TO SIDE RAILS C-12762 -3/8 THK. x 3" WIDE STEEL BARS WELDED TO LADDER AND ATTACHED TO CONCRETE WALL AT 48" O.C. WITH - ANGLE 3 x 3x 1/4 x 2 1/2" LONG WELDED TO LADDER AND SECURED TO FLOOR SLAB WITH 1/2" Ø x 4" EMBED THREADED RODS IN "CIA GEL 7000" OR SIMPSON "SET 22" VINCENT DYER C-12762 PROVIDE INTERMEDIATE LANDING (W/ SAFETY CAGE) AT LADDERS THAT EXCEED 30'-0" IN HEIGHT (LANDING TO BE MID HEIGHT). G.O. DYER NO. 934 OMIT 3. CONTRACTOR TO PROVIDE SHOP DRAWING'S FOR APPROVAL. DESIGN TO COMPLY WITH APPLICABLE OSHA AND LOCAL CODES. SC: 1/2" = 1'-0" Revisions LADDER AT CONCRETE WALL -3/8" x 3" STEEL BAR LADDER WITH 3/4" Ø x 16" WIDE RUNGS PLACED AT 12" O.C. (SLIP-RESISTANT - KNURLED) PLUG WELD TO SIDE RAILS 3/8" THK. × 3" WIDE STEEL BARS WELDED TO LADDER AND ATTACHED TO STUD WALL AT 48" O.C. - SEE 3 - ANGLE 3 x 3 x 1/4 x 2 1/2" LONG WELDED TO LADDER AND SECURED TO FLOOR SLAB WITH 1/2" Ø THREADED RODS IN "CIA GEL 7000" OR SIMPSON "SET 22" PROVIDE SAFETY CAGE AT LADDERS OVER 20'-0" HIGH. CAGES PROVIDE INTERMEDIATE LANDING (W/ SAFETY CAGE) AT LADDERS THAT EXCEED 30'-0" IN HEIGHT (LANDING TO BE MID HEIGHT). 3. STEEL FABRICATOR TO PROVIDE SHOP DRAWING'S FOR APPROVAL. DESIGN TO COMPLY WITH ALL APPLICABLE OSHA AND LOCAL CODES. SC: 1/2" = 1'-0" LADDER AT STUD WALL 2 **CABRILLO BUSINESS PARK BUILDING NO. 4** LADDER RUNGS HOLLISTER AVE GOLETA, CA - SIDE PLATE **DETAILS** -LADDER ATTACHMENT -1/4" Ø SELF-TAPPING SCREW 11-18-09 DARTS OR EQUAL 0904 1" x 16 GA. STUD BLOCKING -4 x 16 GA. STUD BLOCKING AT 440° O.C. AT LADDER ATTACHMENT PLATE (LAY FLAT) W/ (2) - #10 SCREWS TOP AND BOTTOM TO VERTICAL STUDS SC: 1 1/2" = 1'-0"

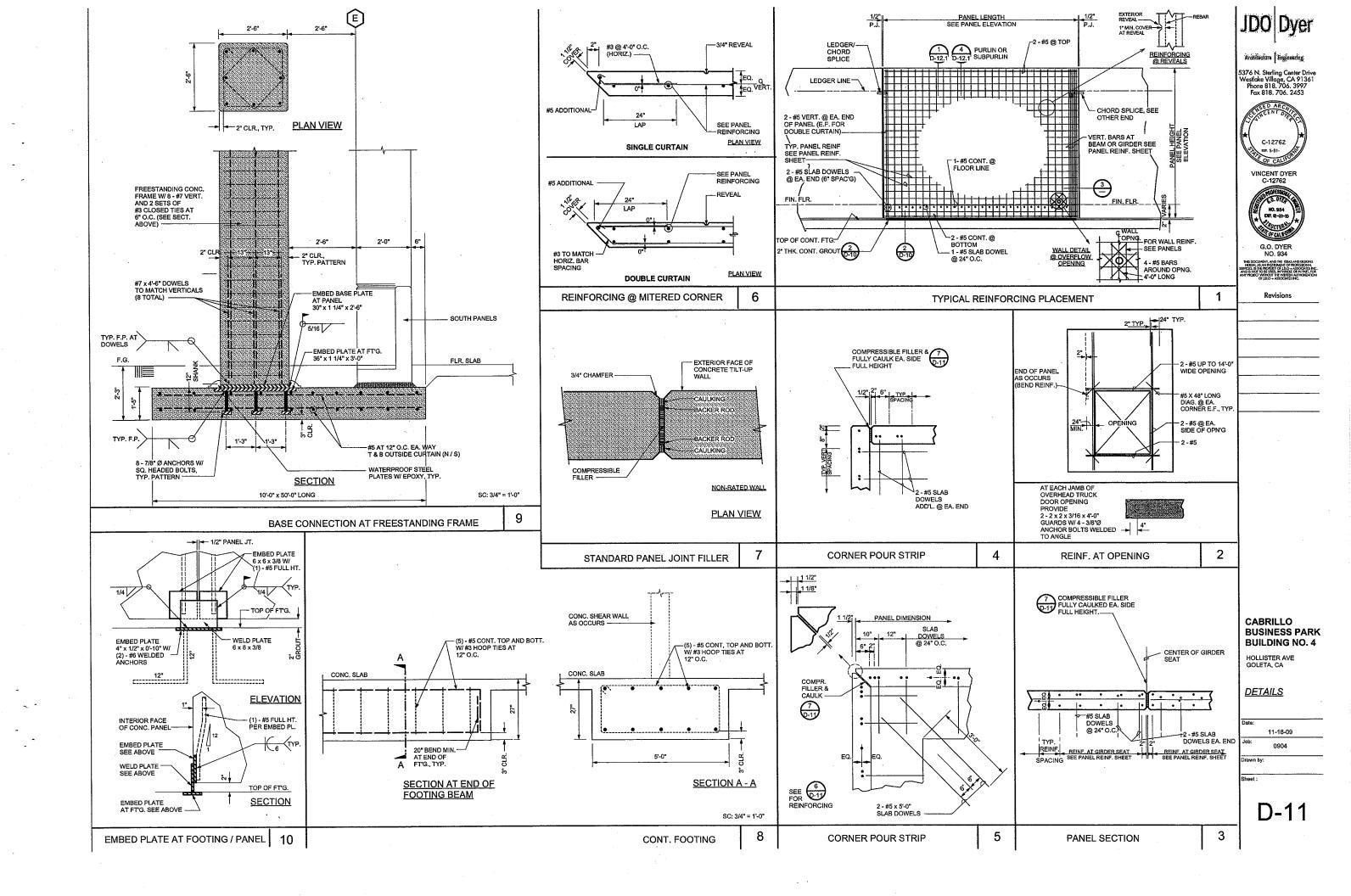
ROOF EQUIPMENT SCREEN

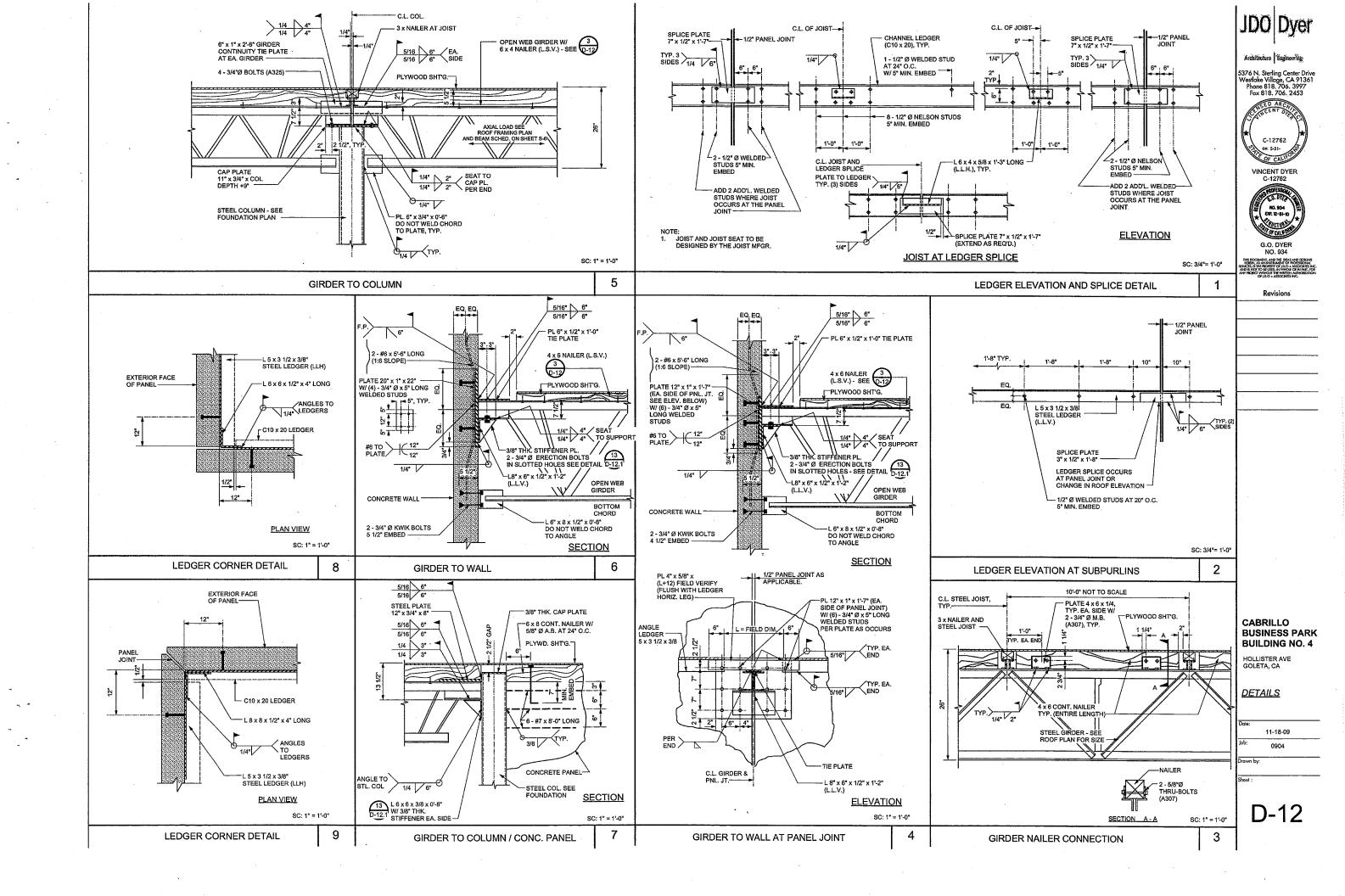
4

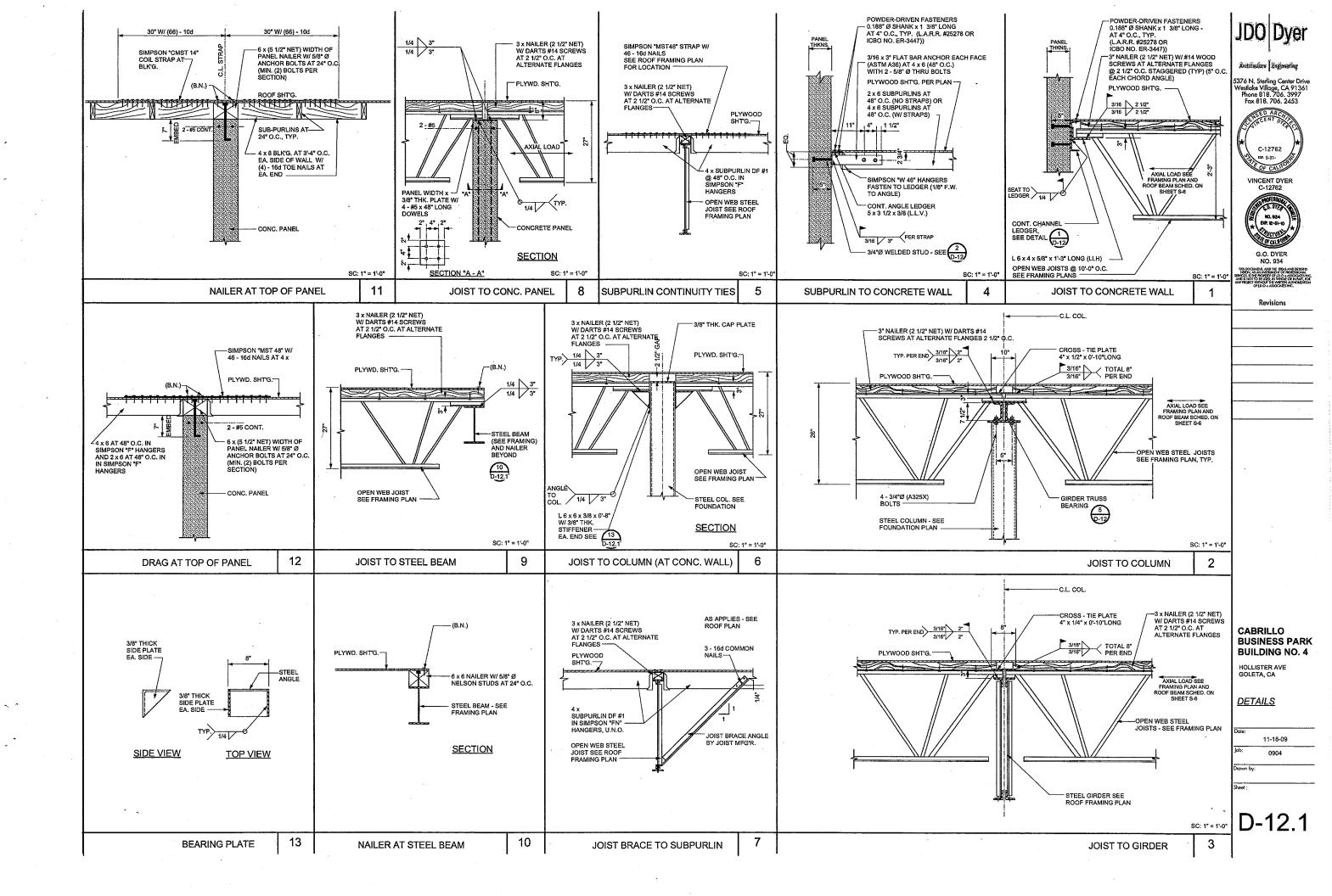
STUD WALL ATTACHMENT

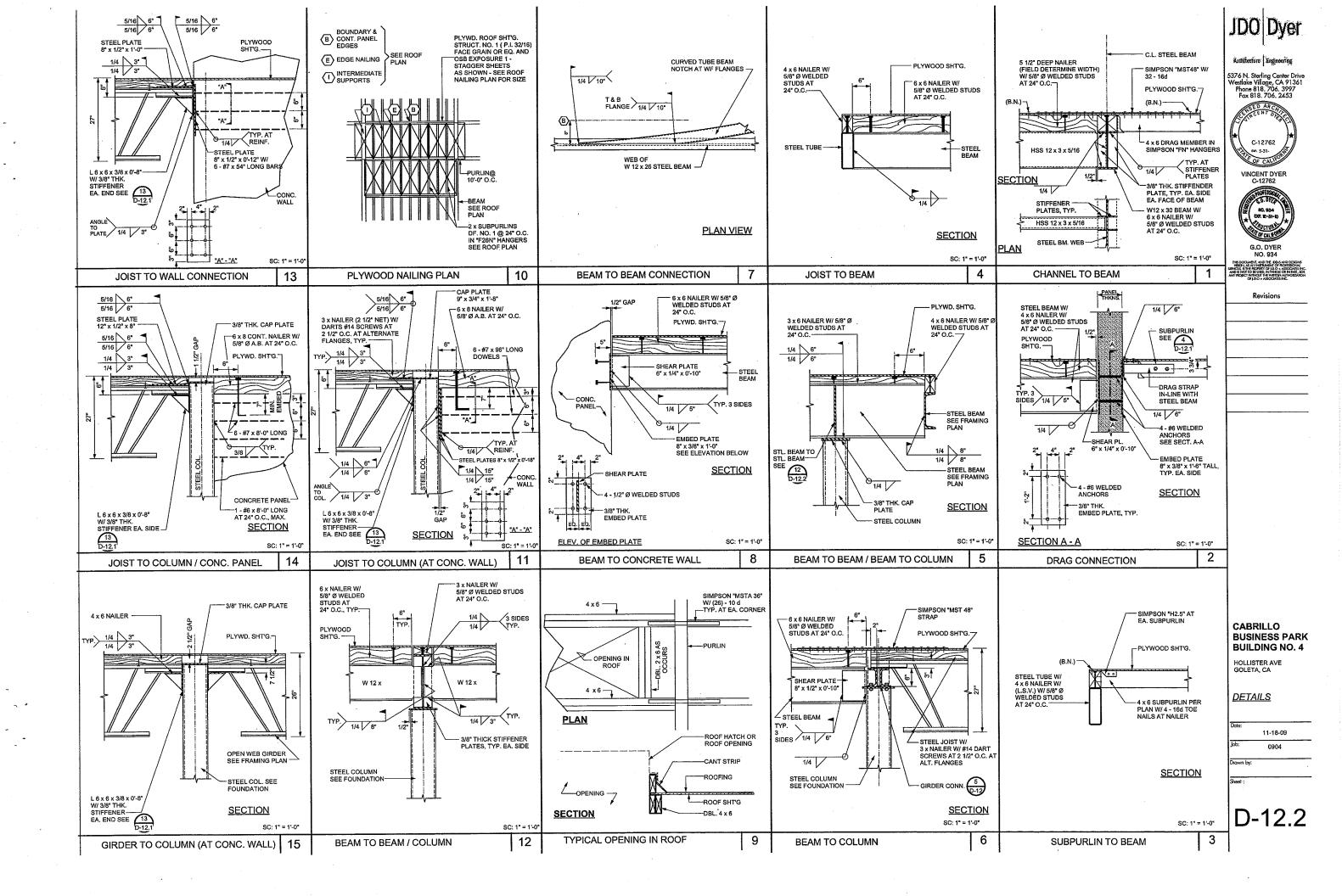


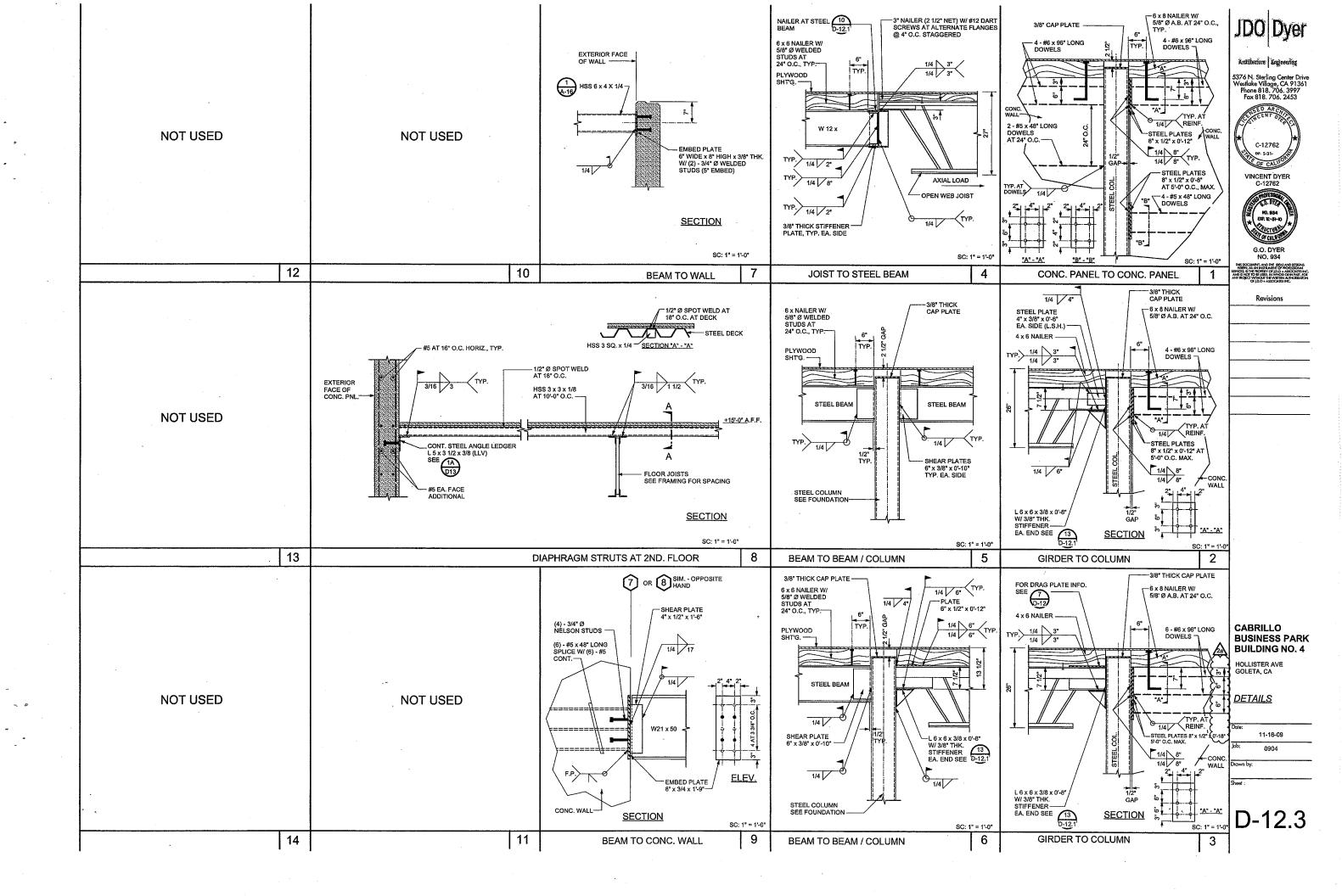


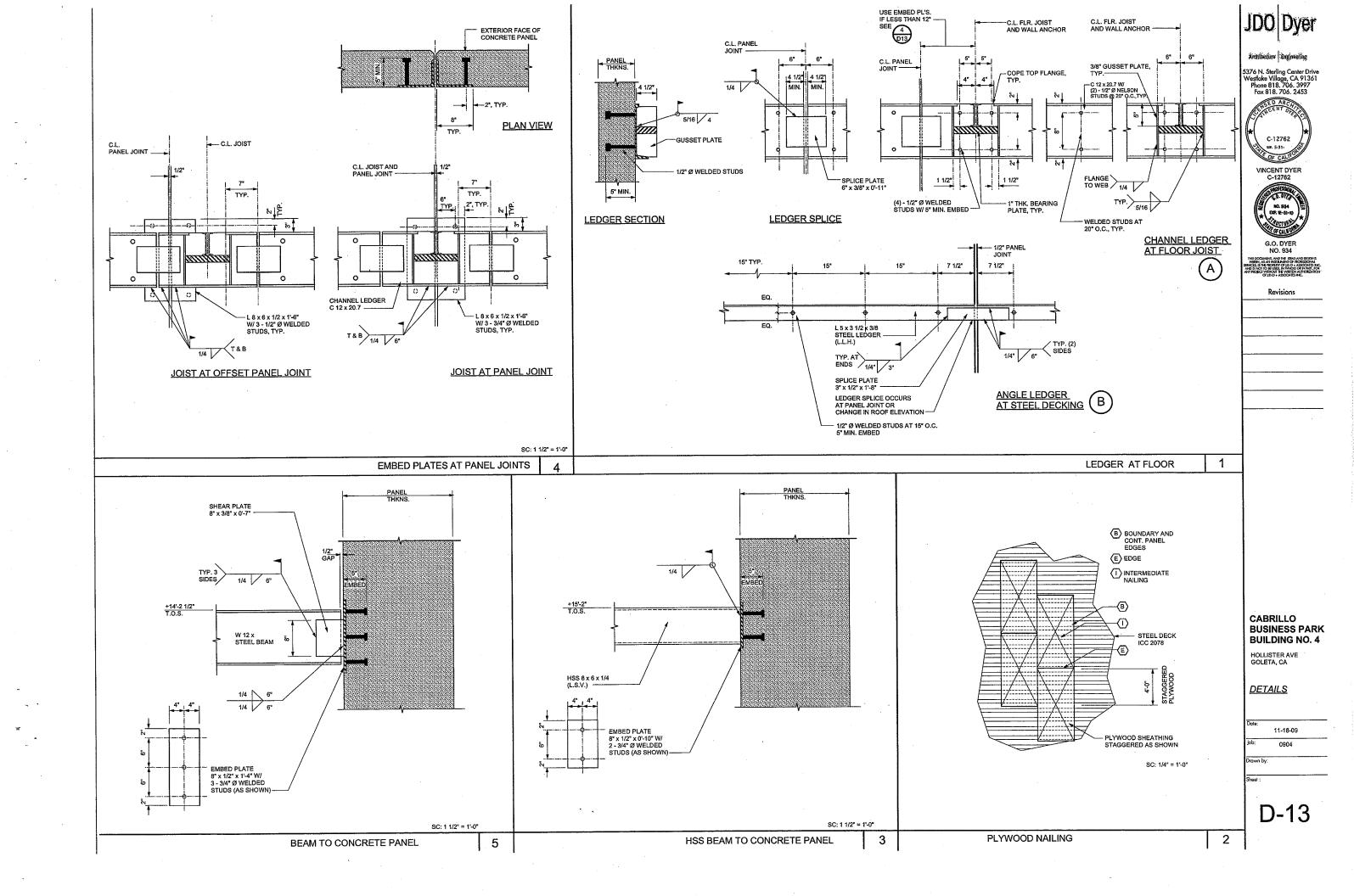


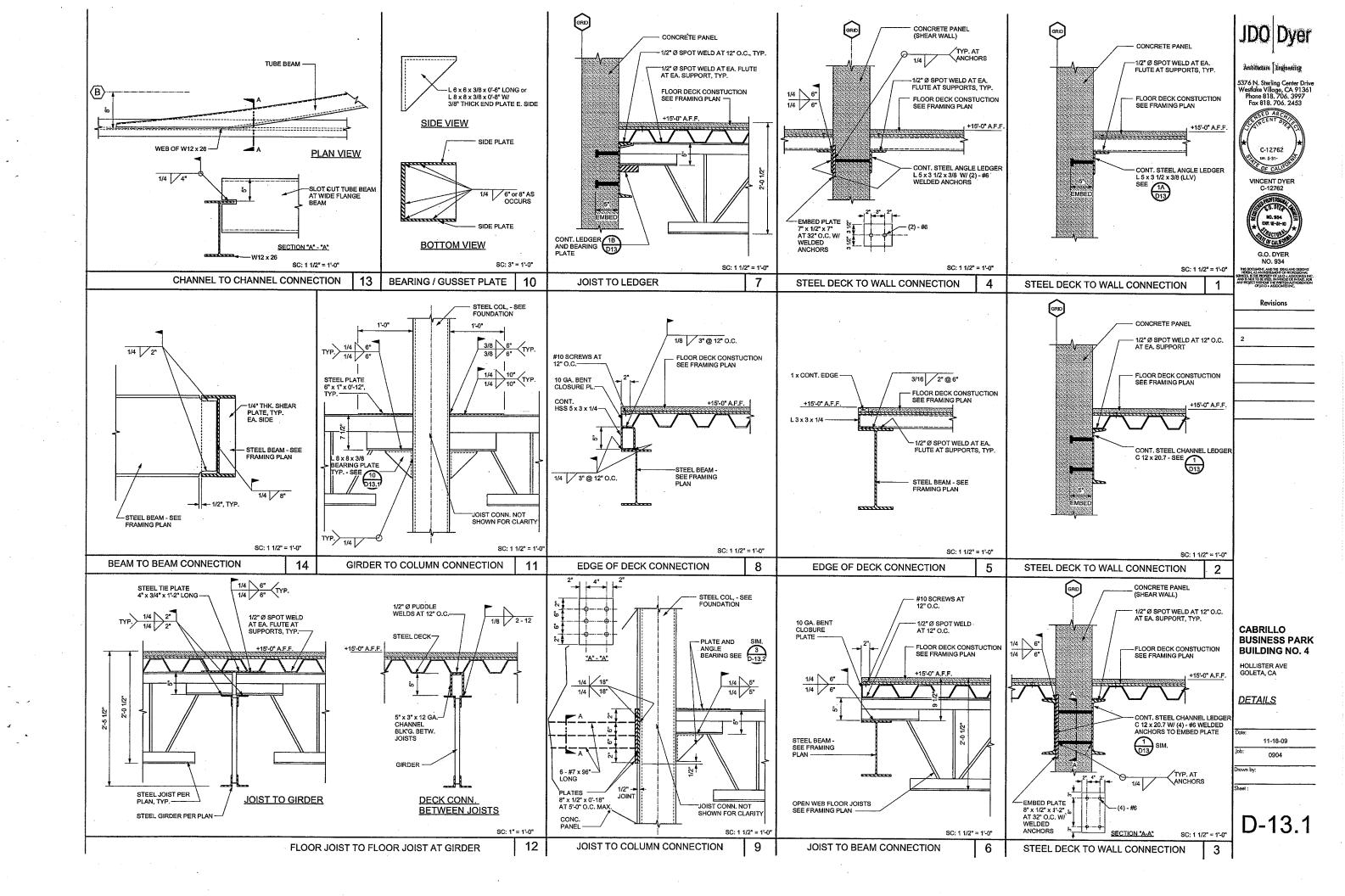


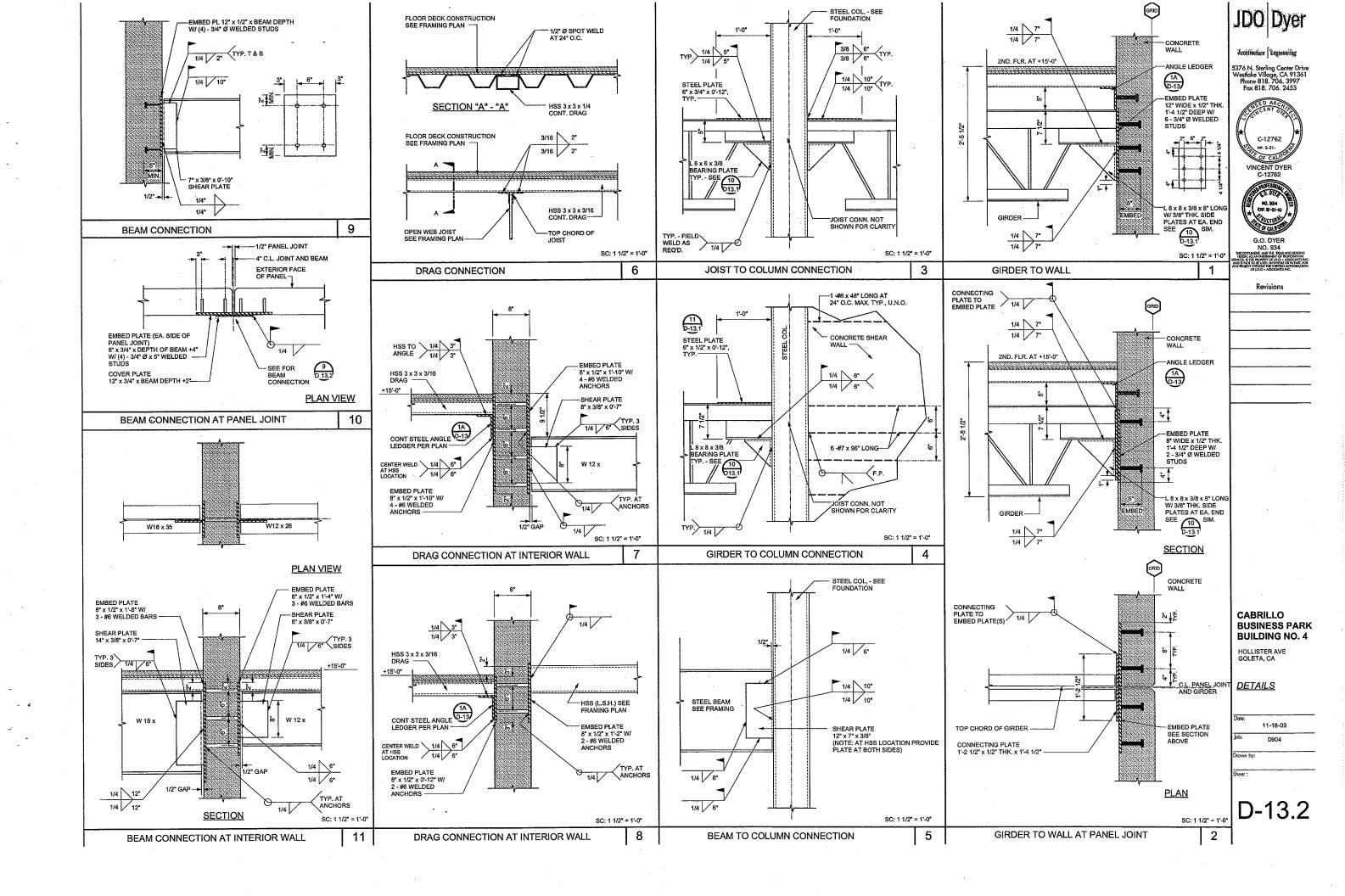


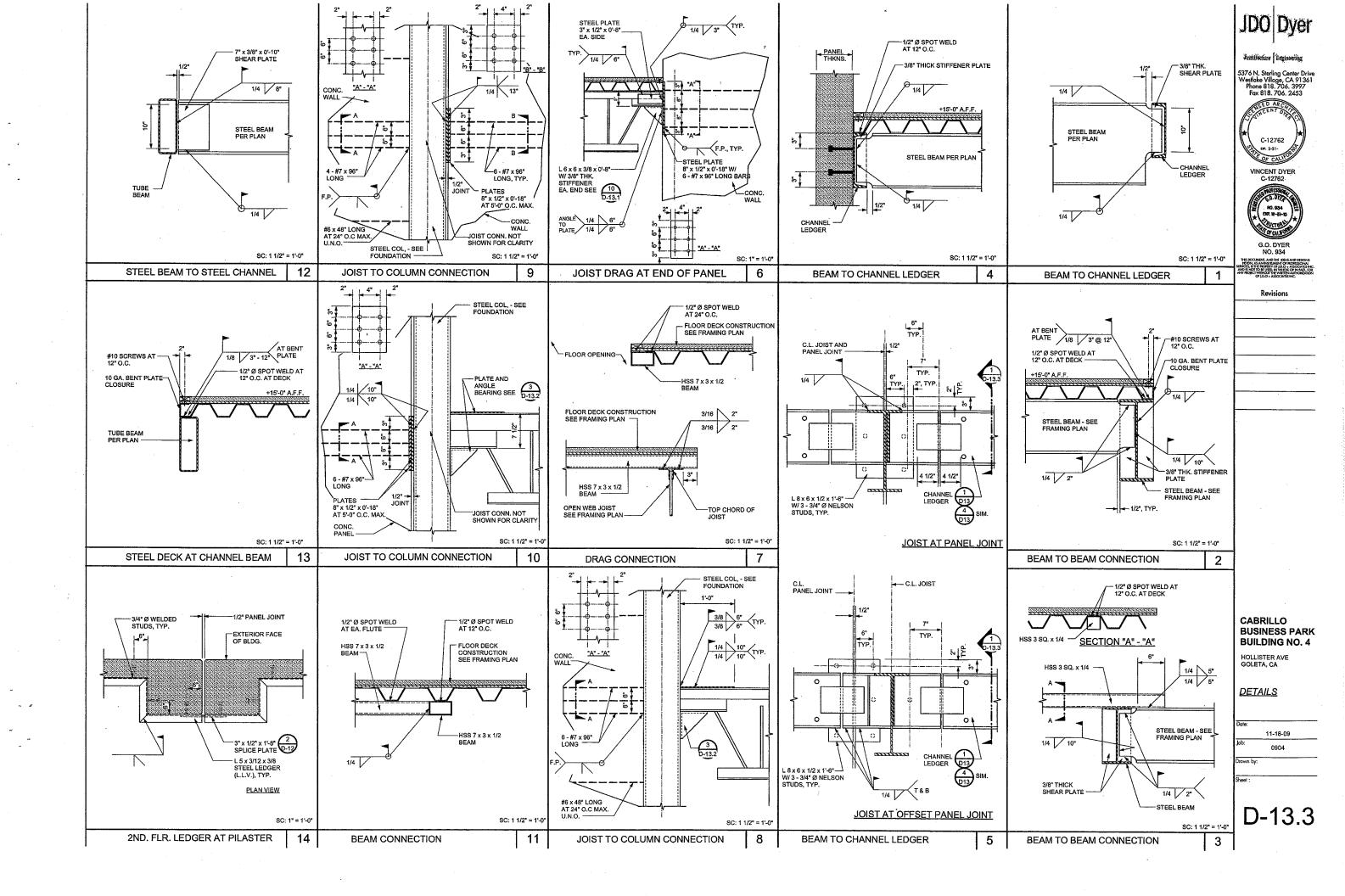


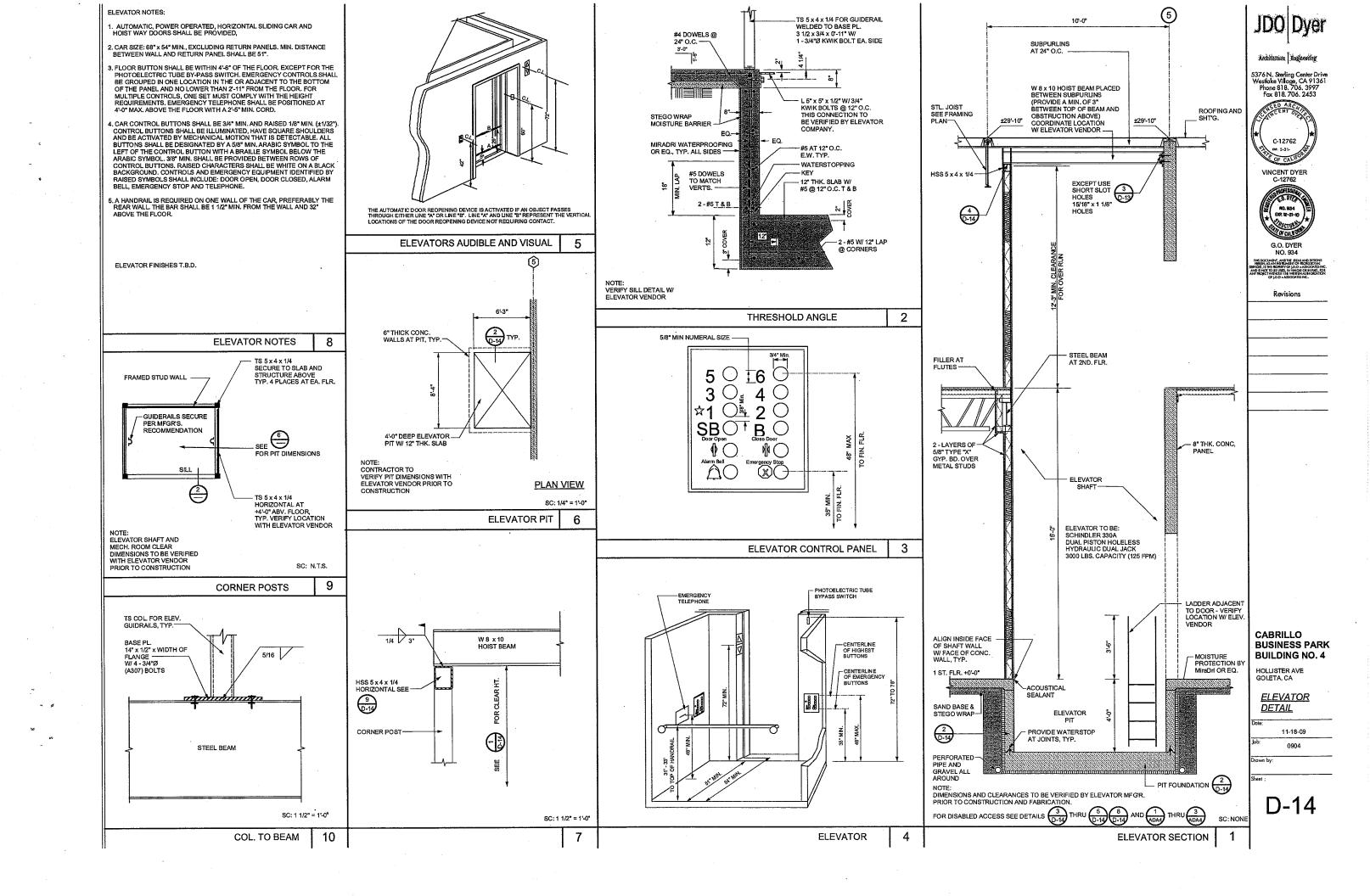


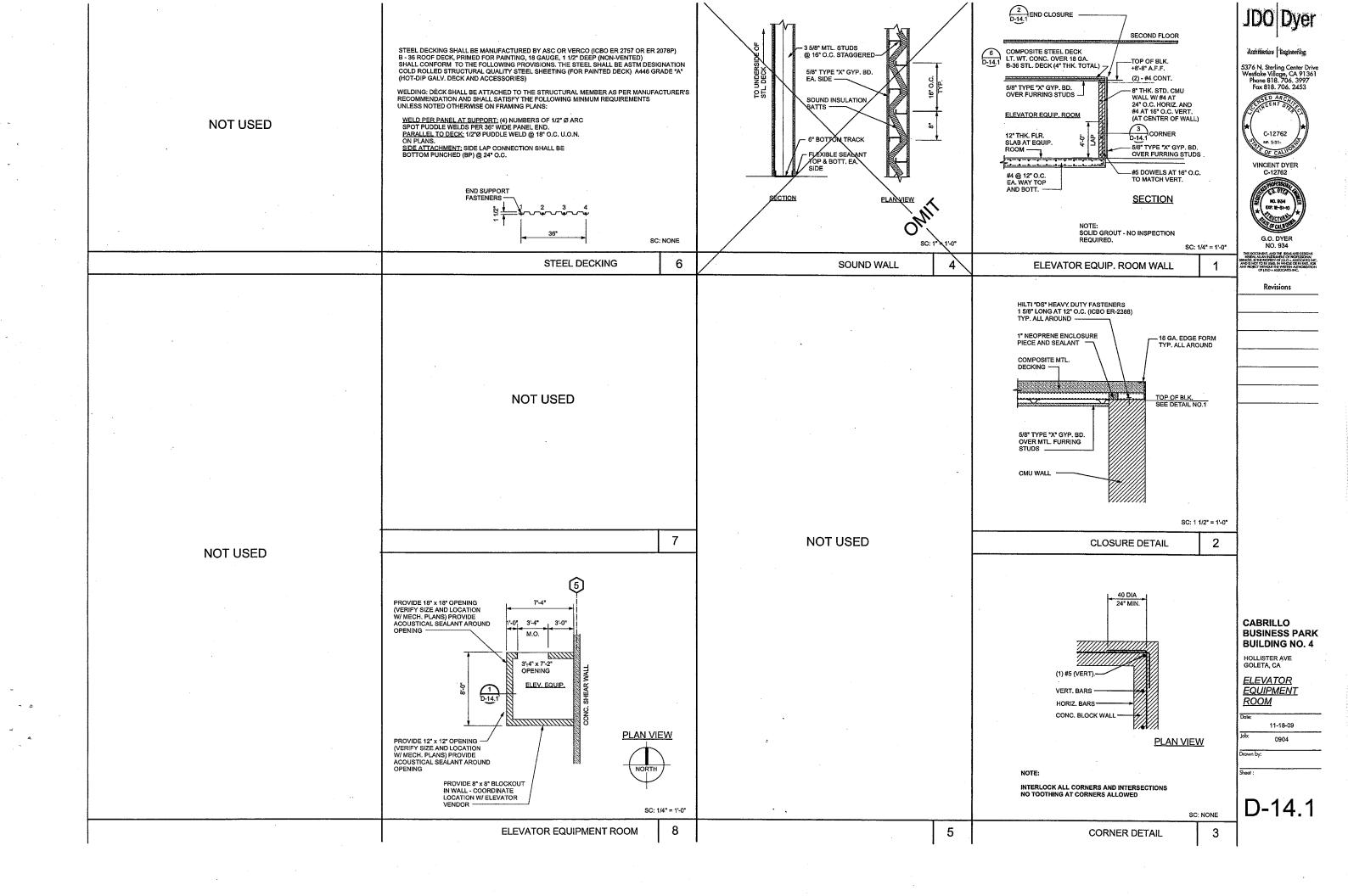


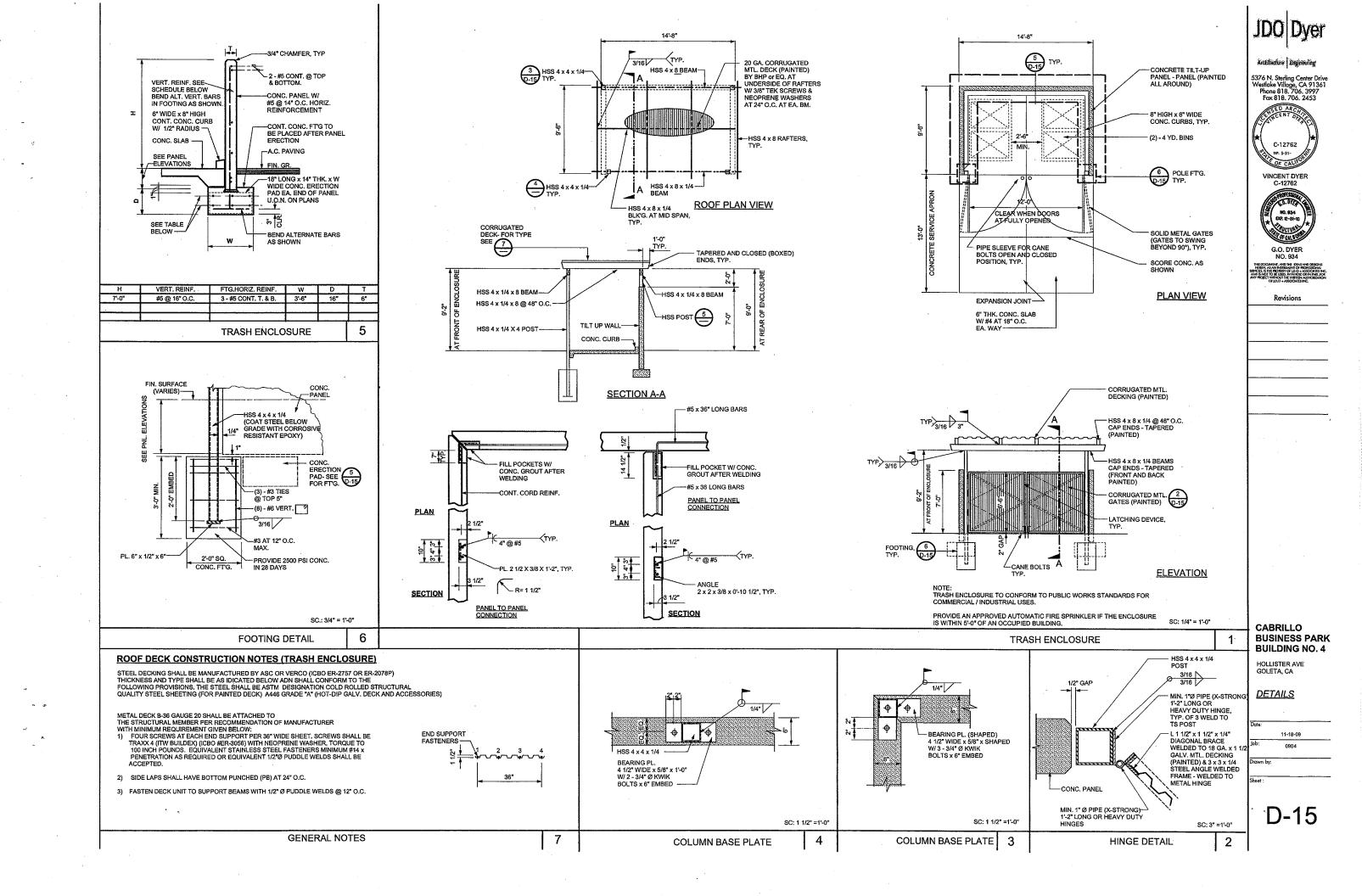


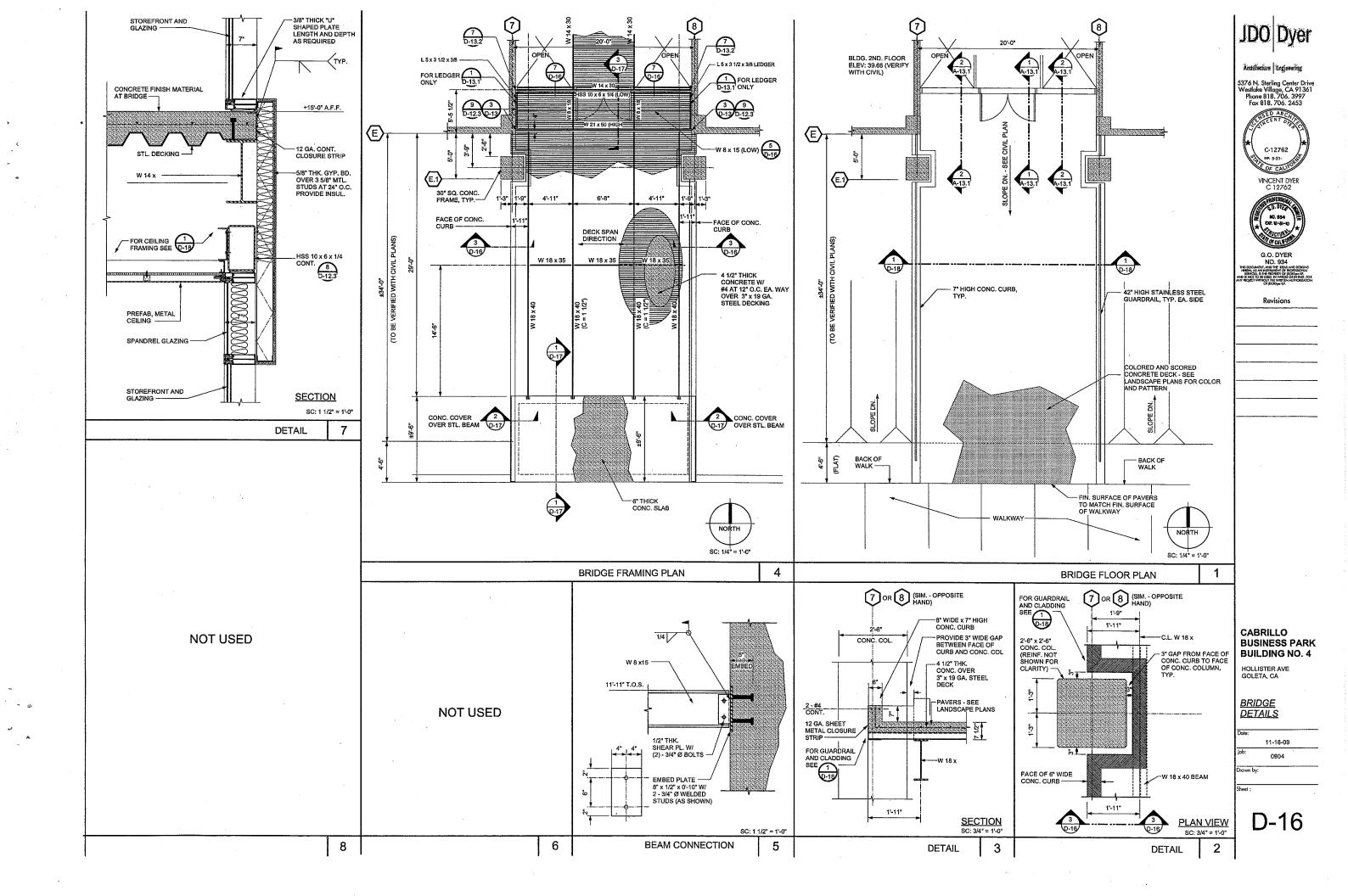


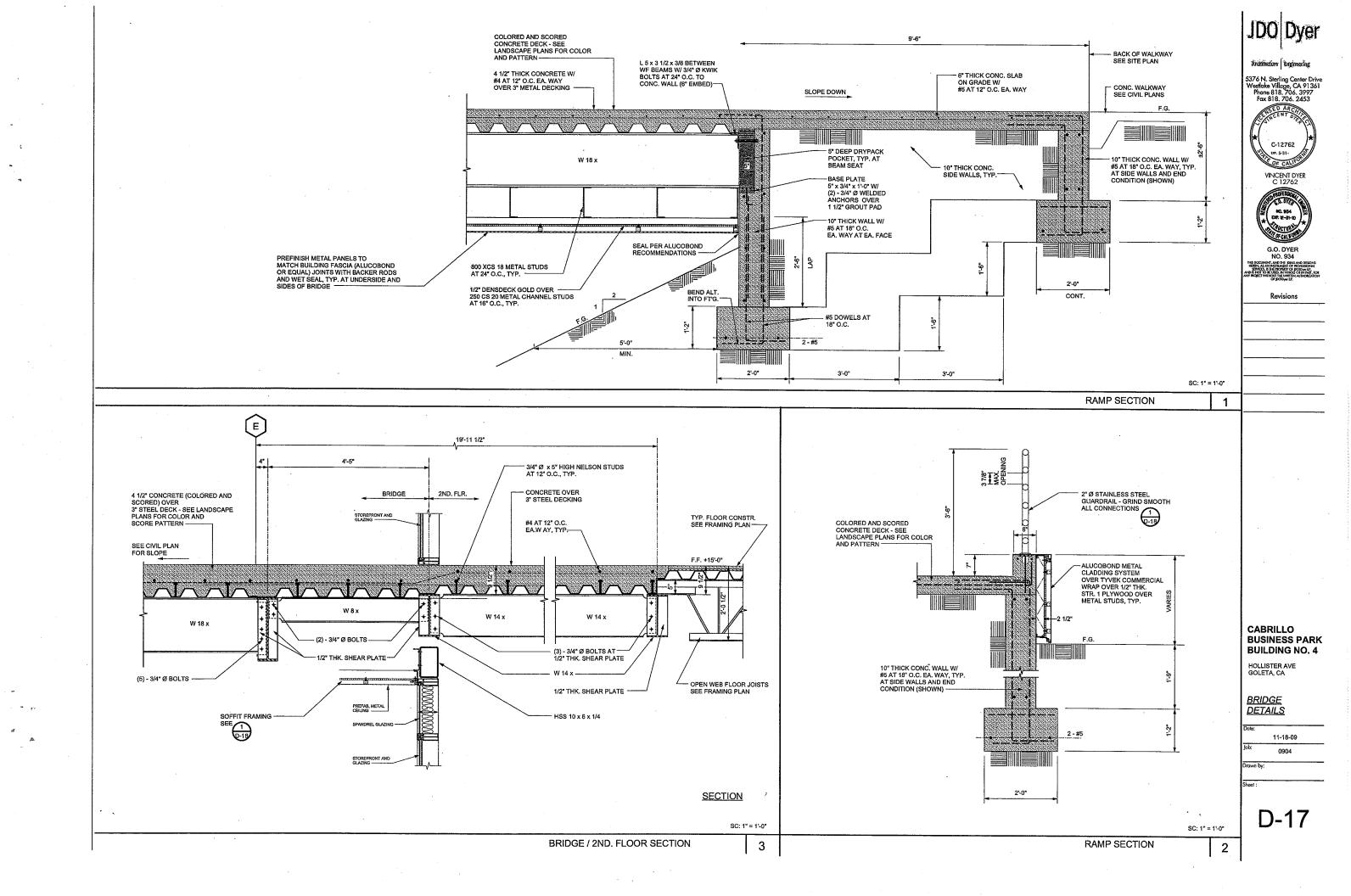


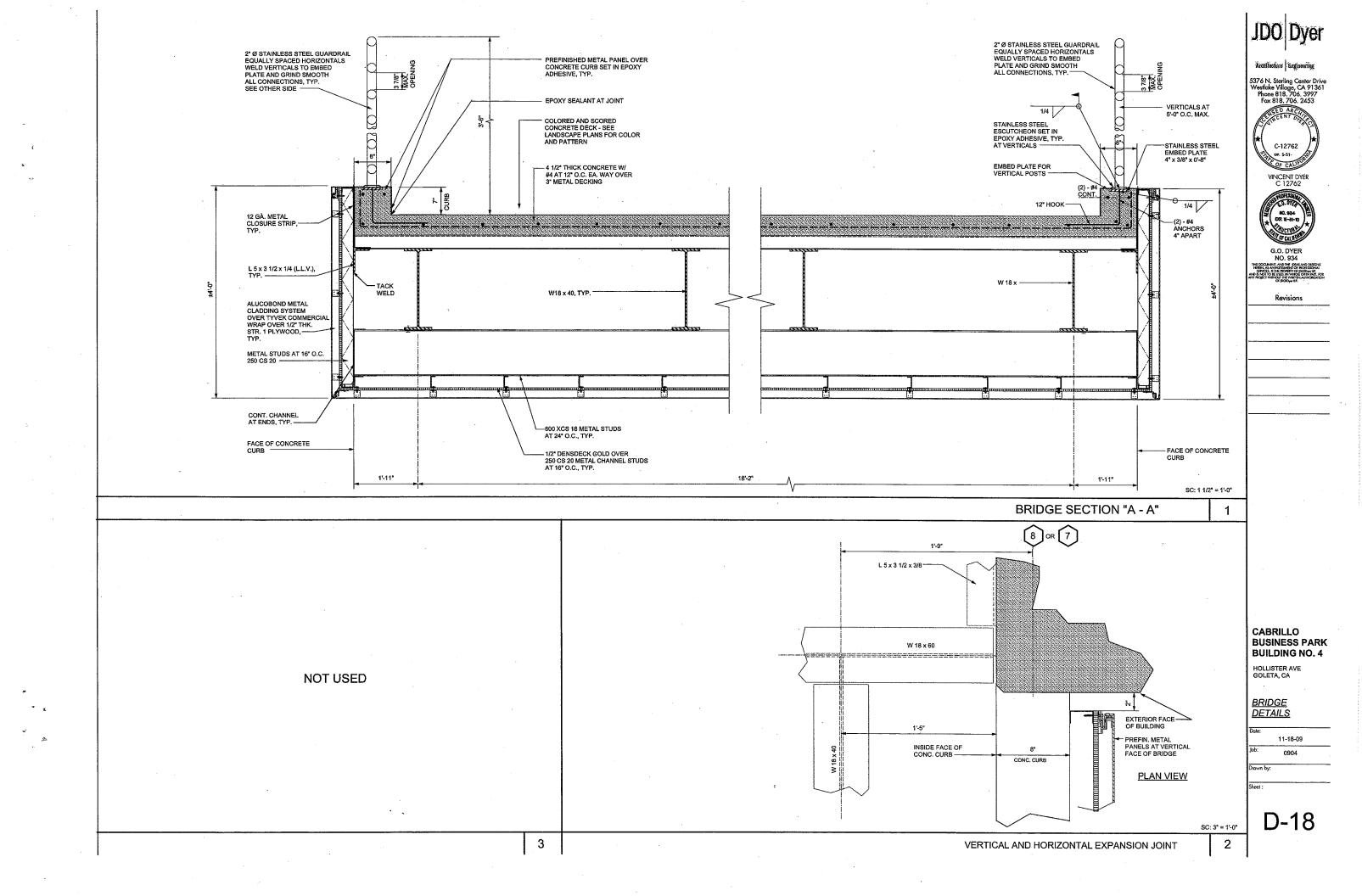








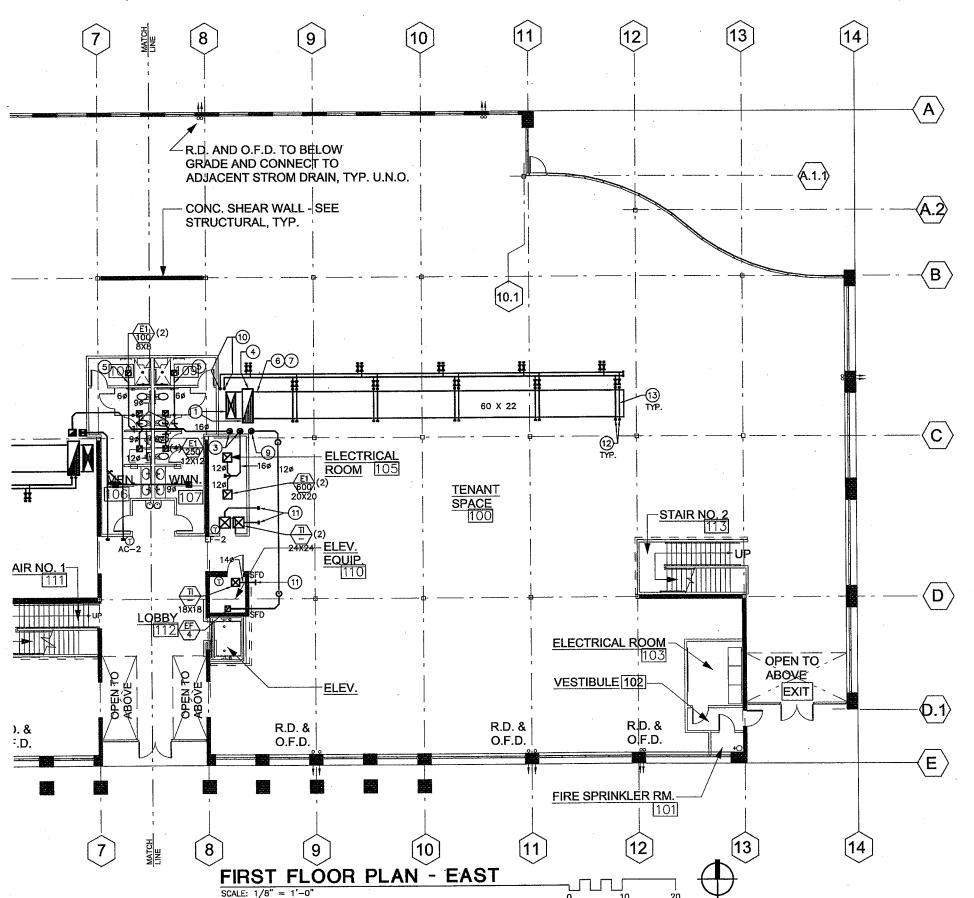




MECHANICAL SPECIFICATIONS MECHANICAL EQUIP SCHEDULE **LEGEND** SYMBOL DESCRIPTION ALL MATERIALS AND INSTALLATION SHALL COMPLY WITH THE LATEST EDITIONS OF ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE REFERENCED CODES AND ORDINANCES, THE MORE STRINGENT REQUIREMENTS ABREV ROOFTOP PACKAGE HEATING AND AIR CONDITIONING UNIT, TRANE YSC102E, 3400 CFM AT 1.2 IWG EXT, 103,000 BTUH TOTAL AND 80,800 BTUH Associates SENSIBLE COOLING CAPACITY AT 80'F DB/67'F WB ENTERING EVAP COIL POC POINT OF CONNECTION AND 95F AMBIENT, 120,000 BTUH INPUT, 97,200 BTUH OUTPUT, 460 VOLT, 3 PHASE, 3.1 FLA INDOOR FAN MOTOR, (2) COMPRESSORS AT 7.1 FLA EACH, 2.8 FLA OUTDOOR FAN MOTOR, 4.0 FLA POWER EXHAUST, 10.0 EER, Design Planning SUPPLY DUCT SECTION VERIFY ALL SECTIONS AND ELEVATIONS PRIOR TO DUCTWORK FABRICATIONS. \boxtimes ⊗ Engineering 1575 LBS, COMPLETE WITH 2" FILTERS, 8" ROOF CURB AND ECONOMIZER DRAWINGS SHOW PIPE AND DUCTWORK DIAGRAMMATICALLY. 0 RETURN DUCT SECTION WITH MODULATING POWER EXHAUST. PROVIDE WITH LON/BACNET COMPATIBLE 5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706,3997 COORDINATED FIELD DETAILS WITH OTHER TRADES TO AVOID CONSTRUCTION DELAYS AND 0 EXHAUST DUCT SECTION \square MAINTAIN REQUIRED CLEARANCES. Fax 818.706.2453 ROOFTOP PACKAGE AIR CONDITIONING UNIT, TRANE TCD420, 14000 CFM AT Ø SQUARE SUPPLY DIFFUSER VARY RUN AND SHAPE OF DUCTWORK, AND MAKE OFFSETS DURING PROGRESS OF WORK AS 2.0 IWG EXT, 407,000 BTUH TOTAL AND 324,870 BTUH SENSIBLE COOLING REQUIRED TO MEET STRUCTURAL AND OTHER INTERFERENCES AS APPROVED BY ARCHITECT. CAPACITY AT 80°F DB/67°F WB ENTERING EVAP COIL AND 95°F AMBIENT, 15 HP SUPPLY FAN WITH FACTORY INSTALLED VARIABLE FREQUENCY DRIVE Ø SQUARE RETURN REGISTER PAY ALL COSTS OF DESIGN AND INSTALLATION FOR CHANGES RESULTING FROM SUBSTITUTION WITH BYPASS, 460 VOLT, 3 PHASE, INDOOR FAN MOTOR = 18.0 FLA, OF ALTERNATE PRODUCTS. ACCEPTANCE OF ALTERNATE PRODUCTS BY THE ARCHITECT DOES V COMPRESSOR 1 = 23.0 FLA, COMPRESSOR 2 = 27.0 FLA (3) CONDENSER SQUARE EXHAUST REGISTER FAN MOTORS = 3.5 FLA EACH, (2) EXHAUST FAN 1.8 FLA EACH, POWER EXHAUST =12.4 FLA, 10.3 EER, 5500 LBS, COMPLETE WITH 4" FILTERS, 8" ROOF CURB WITH SPRING ISOLATION AND ECONOMIZER WITH MODULATING POWER EXHAUST. PROVIDE WITH LON/BACNET COMPATIBLE CONTROLS. NOT CHANGE THIS REQUIREMENT. FLEXIBLE DUCT COORDINATE ALL AIR OUTLETS WITH REFLECTED CEILING PLAN. COORDINATE ACCESS TO ALL DAMPERS, VALVES, AND EQUIPMENT. MANUAL VOLUME DAMPER THERMOSTAT, "TRANE", PROGRAMMABLE, WITH LOCKABLE PLASTIC TAMPER DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL UNLESS OTHERWISE 1 **(17)** ROOM THERMOSTAT SPECIFIED. METAL GAUGES AND CONSTRUCTION: PER SMACNA STANDARDS (SUPPLY FAN PROOF COVER. PRESSURE CLASSIFICATION) AND UMC. ALL DUCT SIZES ARE INSIDE CLEAR DIMENSIONS. SMOKE DETECTOR, "KELE" SL-2000 PHOTOELECTRIC DUCT MOUNTED, 24 VAC, UL LISTED. PROVIDE ALTERNATE SMOKE DETECTOR IF THE BUILDING HAS A FIRE ALARM CONTROL PANEL. VERIFY EXACT REQUIREMENTS WITH FABRICATE DUCTWORK IN A WORKMANLIKE MANNER WITH AIRTIGHT JOINTS, PRESENTING SMOOTH SURFACES ON INSIDE, NEATLY FINISHED ON OUTSIDE; CHANGES IN DIRECTION SHALL BE MADE WITH LONG RADIUS ELBOWS (R=1-1/2 DIA) OR MITERED ELBOWS WITH TURNING VANES. Revisions MAKE INTERNAL ENDS OF SLIP JOINTS IN DIRECTION OF AIR FLOW. CENTRIFUGAL ROOFTOP EXHAUST FAN, "GREENHECK" MODEL GB-181. 2200 CONSTRUCT, BRACE, AND SUPPORT DUCTS AND AIR PLENUMS TO PREVENT SAGGING AND TO MINIMIZE VIBRATION PER SMACNA STANDARDS AND UMC. CFM AT 3/4"SP, 120 VOLT, 1 PHASE, 60 HZ, 1/2 HP, 8.8 SONES. COMPLETE WITH BACKDRAFT DAMPER AND ROOF CURB. OP. WEIGHT: 175 LBS. INTERLOCK WITH AC-1 SUPPLY FAN, COORDINATE WITH ELECTRICAL \triangle . AIR OUTLET SCHEDULE INSTALL EQUIVALENT SIZE RECTANGULAR DUCT WHERE PREFERRED OR WHERE SPACE IS LIMITED AND IN CONCEALED AREAS ONLY. CENTRIFUGAL ROOFTOP EXHAUST FAN, "GREENHECK" MODEL GB-131. 1200 FLEXIBLE DUCT MAY BE USED AT RUNOUT TO AIR TERMINALS IN CONCEALED AREAS (MAXIMUM 7 CFM AT 1/2"SP, 120 VOLT, 1 PHASE, 60 HZ, 1/3 HP, 8.7 SONES. FEET LENGTH) AND AS SHOWN ON DRAWINGS. SUPPORT PER SMACNA STANDARDS. MANUFACTURER UNIT GENERAL NOTATION COMPLETE WITH BACKDRAFT DAMPER AND ROOF CURB. OP. WEIGHT: 150 PANEL SIZE TAG AND MODEL No LBS. CONTROL FAN WITH LINE VOLTAGE THERMOSTAT, COORDINATE WITH INSTALL MANUAL VOLUME DAMPER AT EACH DIFFUSER BRANCH AND AS INDICATED ON S = SUPPLY DRAWINGS AND AS FAR FROM THE DIFFUSER AS POSSIBLE. CONSTRUCT DAMPERS OF SAME MATERIAL AS DUCT, ONE GAUGE HEAVIER, REINFORCED TO PREVENT NOISE. INSTALL IN (SI) --24 X 24 R = RETURNCEILING EXHAUST FAN. "GREENHECK" MODEL SP-A700. 350 CFM AT PDN W/OBD ACCESSIBLE LOCATION WITH LOCKING DEVICE AND INDICATING QUADRANT. STEAM ATTS, 4.7 SONES, COMPLETE WITH BACKDRAFT DAMPER AND CEILING GRILLE. OP. WEIGHT: 25 LBS. CONTROL WITH LINE VOLTAGE THERMOSTAT, COORDINATE WITH ELECTRICAL -- ITEM NUMBER (S2) -PRICE EXCEPT AS OTHERWISE NOTED ON DRAWINGS, ALL CONCEALED SUPPLY AND RETURN DUCTWORK AIR QUANTITY (CFM) SMDA W/OBD SHALL BE INSULATED WITH 1-1/2" FIBERGLASS BLANKET INSULATION WITH FOIL JACKET. CONDUCTIVITY SHALL BE 0.29 BTU-IN/HR AT 75 DEG. F. FLAME/FUEL/SMOKE MAXIMUM OF 12 X 12 --- NECK SIZE $\begin{pmatrix} S3 \\ - \end{pmatrix}$ PRICE SIDEWALL 520 W/OBD ROOFTOP EXHAUST CAP, GREENHECK FABRAHOOD, 12" X 12" THROAT SIZE, 1.0 SQ. FT. 100 LBS, COMPLETE WITH ROOF CURB. ALL INTERIOR SUPPLY AND RETURN PLENUMS SHALL BE INSULATED WITH 1 INCH SOUND LINER AND ALL EXTERIOR SUPPLY AND RETURN PLENUMS SHALL BE LINED WITH 1-1/2 INCH (R1) = PRICE NOTE: PROVIDE ALL AIR OUTLETS 24 X 24 WITH BLACK BACK PANELS. PDDR OUTDOOR HOT WATER BOILER, "RAYPAK" MODEL H-752B OR EQUAL, 750.0 MBH INPUT NATURAL GAS, 635.0 MBH OUTPUT, 84% EFF., 180°T LWT, 160°T EWT, 800 LBS. OPERATING WEIGHT. BOILER SHALL BE LOW NOX AND COMPLY WITH ALL (R2) PRICE ALL ROOF AND EXTERIOR WALL PENETRATIONS SHALL BE FLASHED AND COUNTERFLASHED 535 AS REQUIRED TO SEAL WEATHER TIGHT. (R3) -SUBMIT SIX (6) COPIES BOUND SHOP DRAWINGS AND BROCHURES TO ARCHITECT AS PRIMARY SPACE HEATING HOT WATER PUMP, BELL & GOSSETT 1510 SIZE PRICE 字 拾 1-1/2AB OR EQUAL, 59 GPM AT 40 FT HD, 1750 RPM, 1-1/2 HP MOTOR, 460V-3PH, 200 LBS. INCLUDE B & G SUCTION DIFFUSER CB-3. REMOVE 24X48 PDDR (E1) MECHANICAL EQUIPMENT START UP STRAINER AT COMPLETION OF JOB. PRICE 535 BALANCE SYSTEM TO WITHIN +/- 5% OF THE AIR QUANTITIES SHOWN. SUBMIT AIR BALANCE REPORT BY NEBB CERTIFIED TECHNICIAN TO ARCHITECT. VISIBLE INTERIOR PORTIONS OF DUCTWORK AND AIR TERMINALS SHALL BE PAINTED FLAT SEAL DUCTWORK JOINTS WITH AIRTIGHT MASTIC. POWER SUPPLY **GENERAL NOTES** -FAN LEG OF AC UNIT FRAMING STRAP THRU-BOLTED OR SCREWED CABRILLO BUSINESS PARK FURNISH AND INSTALL CLEAN MERV 7 AIR FILTERS IN AC UNITS BUILDING NO. 4 120/1/60 AFTER ALL WORK IS COMPLETED. HOLLISTER AVENUE GOLETA, CA. THE CALIFORNIA NONRESIDENTIAL ENERGY STANDARDS HAVE BEEN REVIEWED AND THE DESIGN 2. 2-#10 SELF TAPPING SCREWS DRAWINGS COMPLY SUBSTANTIALLY WITH THESE STANDARDS. 24V RELAY ACCESS TO ROOF MOUNTED EQUIPMENT SHALL COMPLY WITH UMC, SECTION 321.8. LEGEND, SCHEDULES, AND NOTES PROVIDE SEISMIC BRACING LOCATE IN AC UNIT 45" MIN. CONSISTING OF STEEL CABINET W/LABEL ALL APPLIANCES (HEATING, VENTILATING AND COOLING EQUIPMENT) EQUIPMENT DESIGNED TO AC UNIT INDICATING INTERLOCK BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE PER UBC. HANGER, ON BOTH SIDES OF WITH EF/1 DUCT, EVERY 30' MAX. & AT SUPPORT DUCTWORK IN ACCORDANCE WITH THE LATEST EDITION OF THE CMC. EVERY CHANGE OF **** DIRECTION. ALL DUCT JOINTS AND SUPPORTS SHALL COMPLY WITH UL 181 AND 181A. LOW VOLTAGE WIRING AND RMA THERMOSTAT BY MECHANICAL MAX DIA. STRAP HANGER ALL WORK TO COMPLY WITH THE 2007 CALIFORNIA MECHANICAL CODE. ROUND DUCT, HANGER SPACING CONTRACTOR INCHES LINE VOLTAGE WIRING. (1/4 TEMPERATURE/ZONING CONTROLS FOR AC-2, AC-3, AC-4, AC-5 THRU 14 | 1"x26 GA | 8' RELAYS AND CONTACTORS NOTE: SEISMIC BRACING INDICATED IS FOR ROUND DUCTING LESS THAN 28"\$. SHALL BE PROVIDED BY THE T.I. CONTRACTOR. AC UNITS SHALL BE 16 THRU 22 | 1"x24 GA | 8' BY ELECTRICAL CONTRACTOR. 24 THRU 28 1"x22 GA 8'

LON/BACNET COMPATIBLE.

NTS



REFERENCE NOTES

- 1 22" X 60" LINED SUPPLY AND 24" X 76" LINED RETURN AIR DUCT UP. SEE M3 FOR CONTINUATION.
- 2 NOT USED
- 3 16" Ø EXHAUST AIR DUCT UP. SEE M3 FOR CONTINUATION.
- (4) STUB RETURN AIR DUCT INTO RETURN AIR PLENUM AND TERMINATE WITH GALV. STEEL SCREEN.
- (5) PROVIDE MINIMUM OF 6' LONG STAINLESS STEEL DUCT FROM REGISTER.
- 6 ROUTE MAIN SUPPLY AIR DUCT TIGHT TO LOWEST BEAM.
- 7 ROUTE SUPPLY AIR DUCT UNDER RETURN AIR DUCT.
- 8 NOT USED
- (9) 12" Ø EXHAUST AIR DUCT UP.
- (10) 1-1/2" HOT WATER SUPPLY AND RETURN PIPING UP.
- (1) STUB TRANSFER AIR DUCT INTO PLENUM AND TERMINATE WITH GALV. STEEL SCREEN.
- (12) 3/4" HOT WATER SUPPLY AND RETURN PIPING WITH SHUT OFF VALVES FOR FUTURE T.I.
- (13) ROUTE PIPING OVER DUCT.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





TO BE DUBLE IN WHICH OR IN THAT, FOR OF WITHOUT THE WASTER AUTHORIZATION OF JOJO + ASSOCIATION INC.

Revisions

Δ.



CABRILLO BUSINESS PARK BUILDING NO. 4

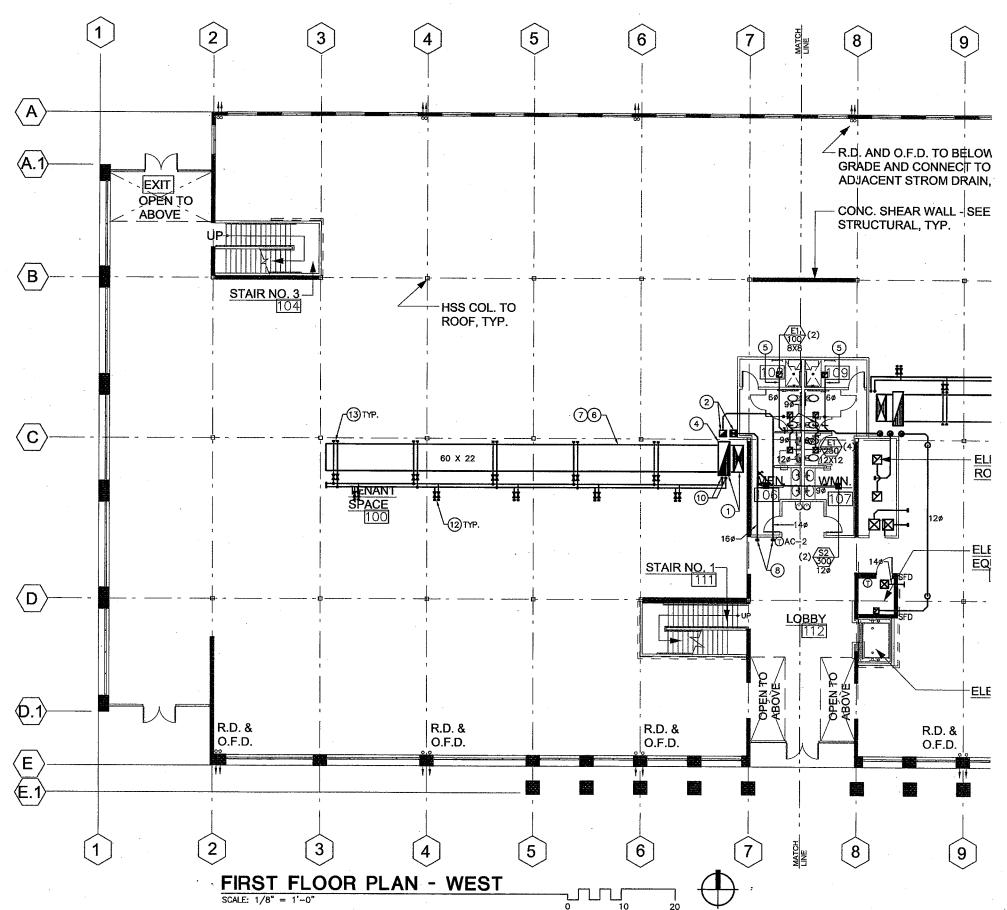
HOLLISTER AVENUE GOLETA, CA.

FIRST FLOOR PLAN - EAST

Date : [1-18-09

Drawn by :

RMA



REFERENCE NOTES

- 1 22" X 60" LINED SUPPLY AND 24" X 76" LINED RETURN AIR DUCT UP. SEE M3 FOR CONTINUATION.
- 2 14" X 16" LINED SUPPLY AND RETURN AIR DUCT UP. SEE M3 FOR CONTINUATION.
- 3 NOT USED
- 4 STUB RETURN AIR DUCT INTO RETURN AIR PLENUM AND TERMINATE WITH GALV. STEEL SCREEN.
- (5) PROVIDE MINIMUM OF 6' LONG STAINLESS STEEL DUCT FROM REGISTER.
- 6 ROUTE MAIN SUPPLY AIR DUCT TIGHT TO LOWEST BEAM.
- 7 ROUTE SUPPLY AIR DUCT UNDER RETURN AIR.DUCT.
- 8 CAP FOR FUTURE ENTRY T.I.
- (9) NOT USED
- 10 1-1/2" HOT WATER SUPPLY AND RETURN PIPING UP.
- (1) NOT USED
- (12) 3/4" HOT WATER SUPPLY AND RETURN PIPING WITH SHUT OFF VALVES FOR FUTURE T.I.
- 13 ROUTE PIPING OVER DUCT.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





Davisions

-



CABRILLO BUSINESS PARK BUILDING NO. 4

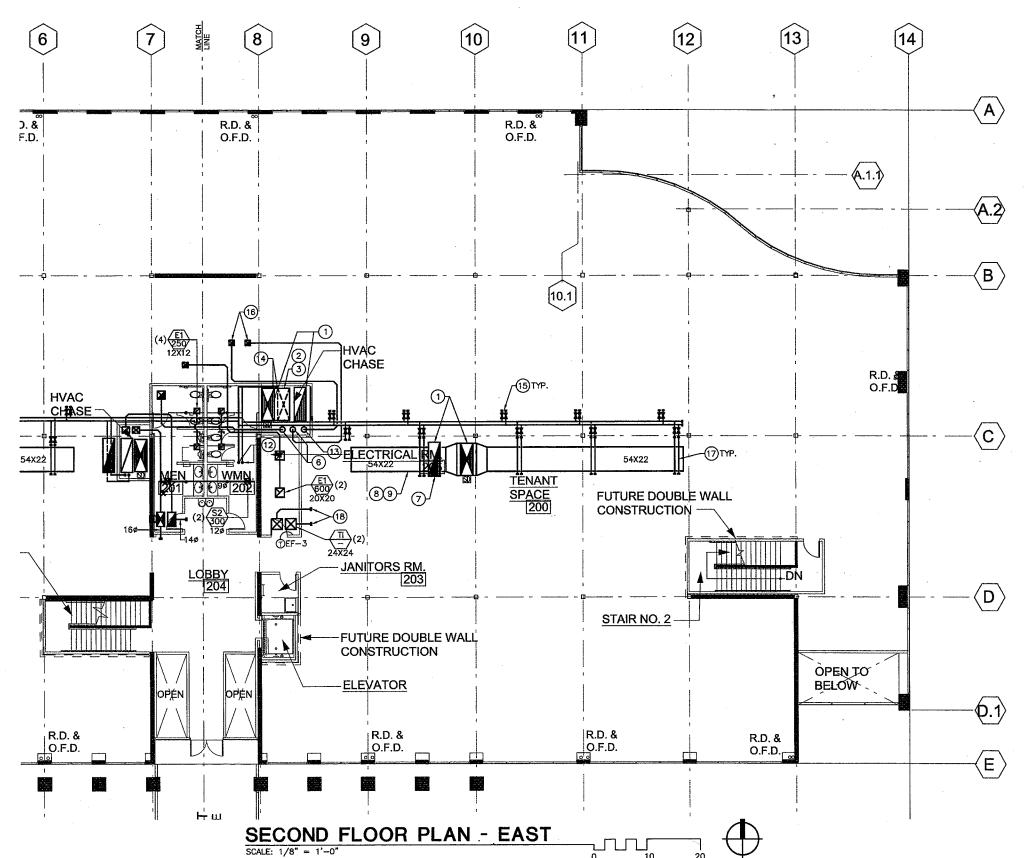
HOLLISTER AVENUE GOLETA, CA.

FIRST FLOOR PLAN - WEST

Pate : 11-18-09

Drawn by :

Prakin by:



HELEKENCE NOTES

- 1 26" X 72" LINED SUPPLY AIR AND 24" X 76" LINED RETURN AIR DUCT UP.
- (2) TRANSITION TO 22" X 60" LINED SUPPLY AIR DOWN IN SHAFT.
- (3) JOG DUCT INTO SHAFT.
- (4) TRANSITION TO 30" X 76" IN THE SHAFT DOWN.
- (5) 18" X 18" EXHAUST AIR DUCT UP.
- (6) 16¢ EXHAUST AIR DUCT DOWN.
- 7) STUB RETURN AIR DUCT INTO RETURN AIR PLENUM, TERMINATE WITH GALV. STEEL SCREEN.
- (8) ROUTE MAIN SUPPLY AIR DUCT TIGHT TO BEAM.
- 9 ROUTE SUPPLY AIR DUCT UNDER RETURN AIR DUCT.
- (10) 14" X 16" LINED SUPPLY AND RETURN AIR DUCT DOWN.
- (11) NOT USED
- 3" HOT WATER SUPPLY AND RETURN PIPING UP THROUGH ROOF, FLASH AND SEAL WEATHERTIGHT.
- (13) 12"ø EXHAUST AIR DUCT DOWN.
- (14) 1-1/2" HOT WATER SUPPLY AND RETURN PIPING DOWN.
- (15) 3/4" HOT WATER SUPPLY AND RETURN PIPING WITH SHUT OFF VALVES FOR FUTURE T.I.
- (16) 12" X 12" EXHAUST AIR DUCT UP.
- (17) ROUTE PIPING OVER DUCT.
- (18) STUB TRANSFER AIR DUCT INTO PLENUM AND TERMINATE WITH GALV. STEEL SCREEN.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453



MOON # 1 100

THE DOCUMENT, AND THE YEARS AND DESCRIPTION OF RECORDS AND RESTRICT OF PROPERSONS. SEC. 18 THE PROPERSON OF THE PROPERSON OF

Δ.

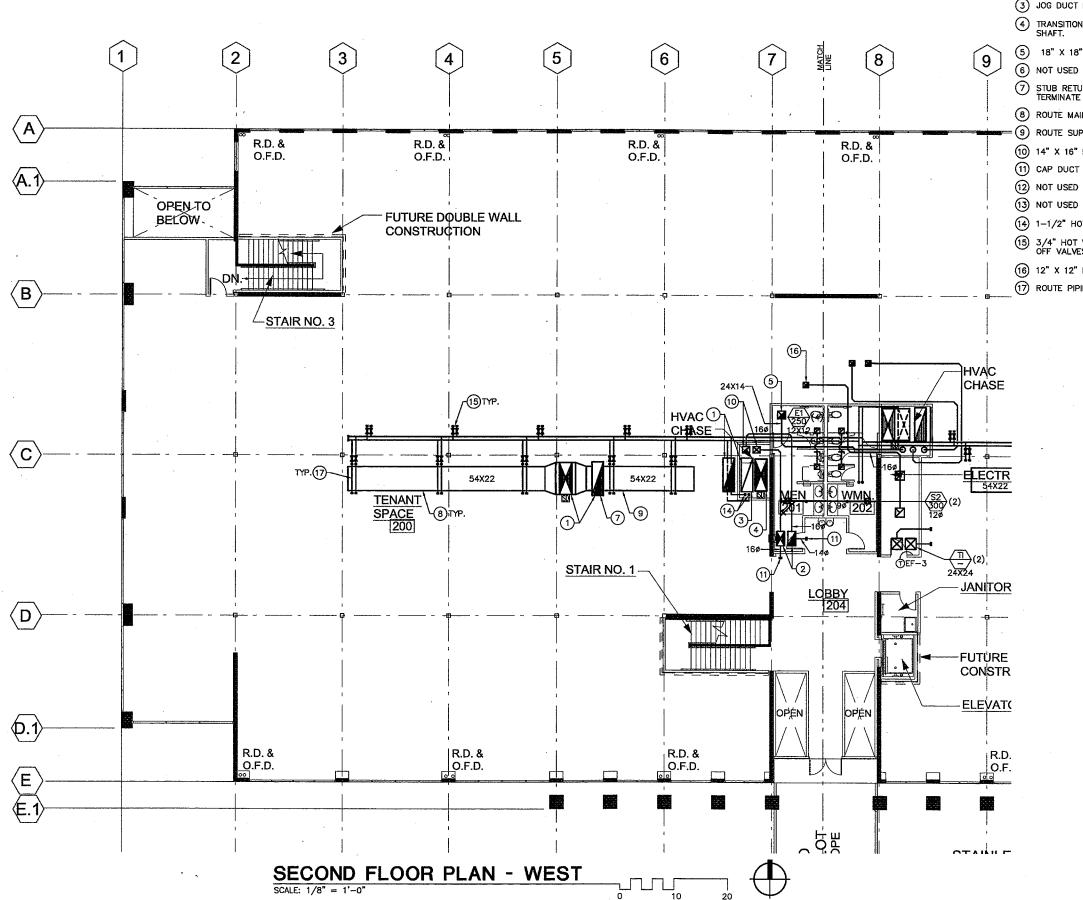
Δ.

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

SECOND FLOOR PLAN - EAST

11-18-09



REFERENCE NOTES

- \bigodot 26" X 72" LINED SUPPLY AIR AND 24" X 76" LINED RETURN AIR DUCT UP.
- (2) 18" X 32" LINED SUPPLY AND RETURN AIR DUCT UP.
- 3 JOG DUCT INTO SHAFT.
- (4) TRANSITION TO 22" X 60" LINED SUPPLY AIR DOWN IN SHAFT.
- 5 18" X 18" EXHAUST AIR DUCT UP.
- TERMINATE WITH GALV. STEEL SCREEN.
- (8) ROUTE MAIN SUPPLY AIR DUCT TIGHT TO BEAM.
- (9) ROUTE SUPPLY AIR DUCT UNDER RETURN AIR DUCT.
- (10) 14" X 16" LINED SUPPLY AND RETURN AIR DUCT DOWN.
- (11) CAP DUCT FOR FUTURE ENTRY T.I.

- (14) 1-1/2" HOT WATER SUPPLY AND RETURN PIPING DOWN.
- (15) 3/4" HOT WATER SUPPLY AND RETURN PIPING WITH SHUT OFF VALVES FOR FUTURE T.I.
- (16) 12" X 12" EXHAUST AIR DUCT UP.
- (17) ROUTE PIPING OVER DUCT.



Design Planning

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 618.706.3997 Fax 818.706.2453





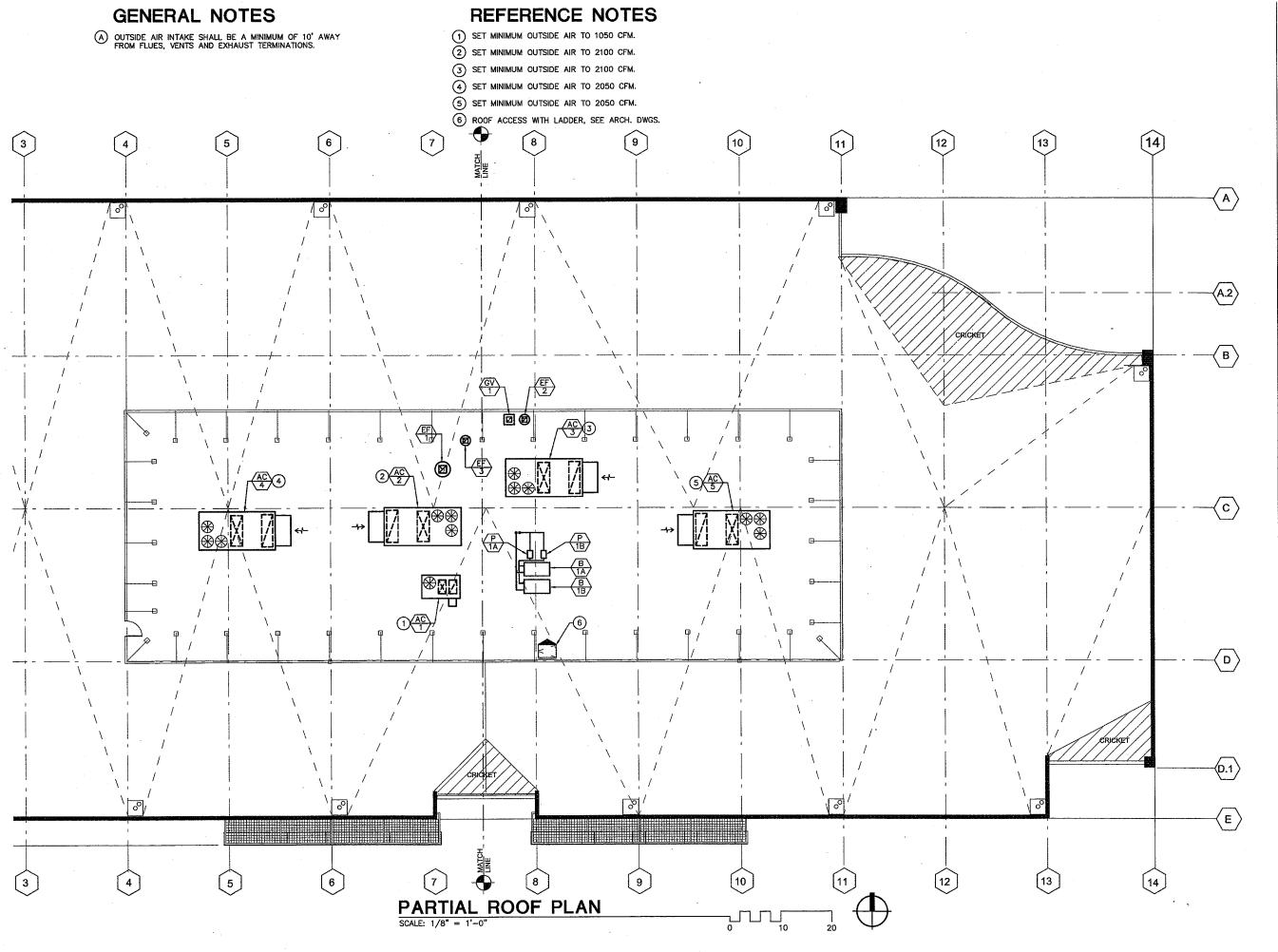
 \triangle Δ.

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA

SECOND FLOOR PLAN - WEST

11-18-09





Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





Revisions



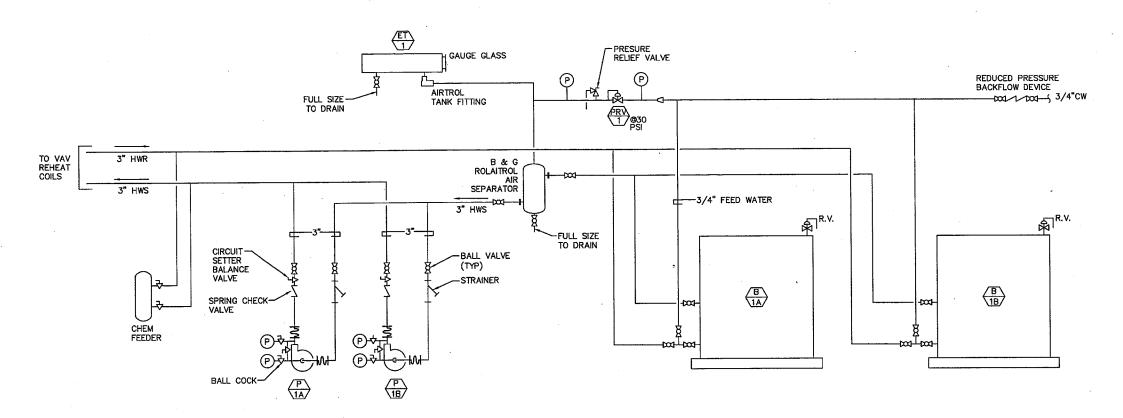
CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

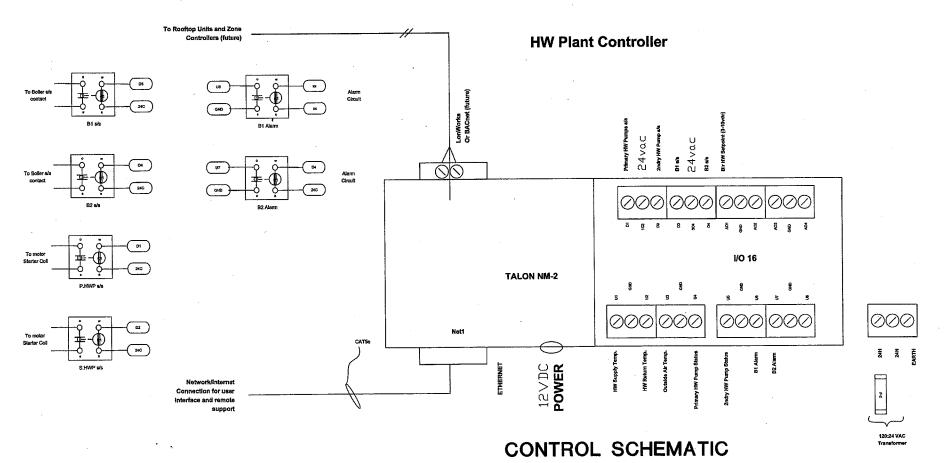
PARTIAL ROOF PLAN

Prawn by:

set :



HOT WATER PIPING SCHEMATIC



| • | l | | BILL OF MATERIAL . |
|-------|-----|---------------|---|
| TAG | QTY | PART# | DESCRIPTION |
| NM2 | 1 | 588-702 | SIEMENS-TALON NM2 CONTROLLER W/WEB_UI |
| /o 16 | 1 | 588-672 | SIEMENS-TALON 34 VO MODULE (10 BO/8AO/14UI) |
| | 1 | 588-675 | Power Adapter |
| | 1 | 588-654 | LonWorks Communications module |
| | 1 | 588-829 | LonWorks Communications driver |
| | 1 | 588-951 | Embedded Workbench Software |
| | 2 | ACI/10K-AN-BP | 10k type3 well sensor |
| | 1 | ACI/10K-AN-O | 10k type3 outside air sensor |
| | 1 | | 22 x 16 Nema 3R Enclosure w/hinged door |
| | 6 | PAM-1 | low voltage control relay |

CONTROL SYSTEM FOR CENTRAL PLANT PER DRAWINGS ON M5. CONTACT TOM BREEN AT BAS, (805) 693-8123.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





Revisions



CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

PIPING AND CONTROLS
SCHEMATICS

Date : ![-|8-09

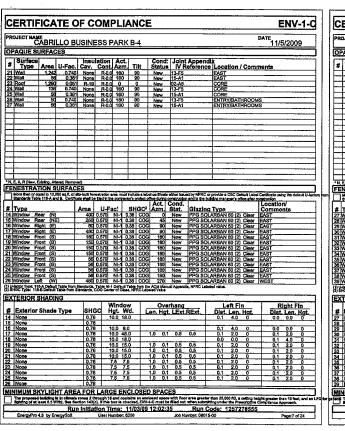
Drawn by . RMA

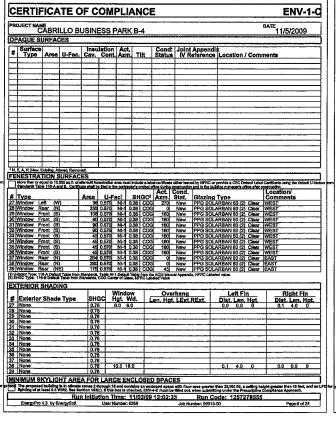
et:

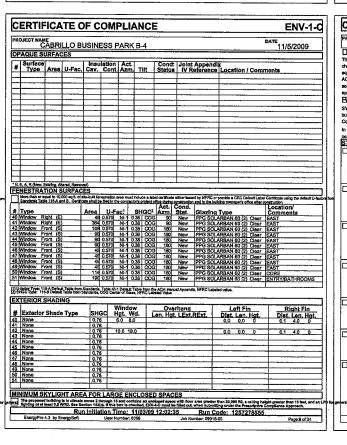
TITLE 24 ENERGY COMPLIANCE DOCUMENTATION

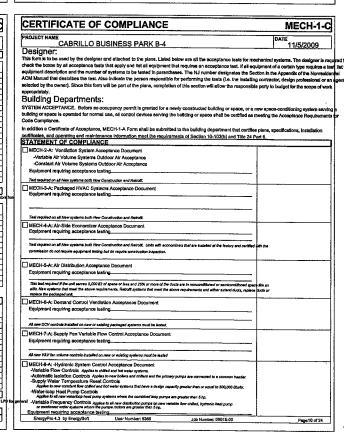
| PERFORMANCE CERTIFICATE OF COMPLIANCE Part 1 of 3 PERF-1 | PERFORMANCE CERTIFICATE OF COMPLIANCEPart 2 of 3 PERF |
|--|--|
| PROJECT NAME CABRILLO BUSINESS PARK B-4 DATE 11/5/2009 | PROJECT NAME CABRILLO BUSINESS PARK B-4 DATE 11/5/2009 |
| PROJECT ADDRESS HOLLISTER AVE. GOLETA | |
| RINCIPAL DESIGNER - ENVELOPE TELEPHONE Building Permit # | ANNUAL TOV ENERGY USE SUMMARY (kBtu/sqft-yr) |
| JDO/Dyer (818) 706-3997 Checked by/Date | Standard Proposed Compilance ENERGY COMPONENT Design Margin |
| OCCUMENTATION AUTHOR MOON Engineering TELEPHONE (805) 653-5215 Checked by/Date Enforcement Agency Use | Space Heating 2.36 1.43 0.63 |
| | Space Cooling 65.69 63.83 1,79 |
| SENERAL INFORMATION DATE OF PLANS BUILDING CONDITIONED FLOOR AREA CLIMATE ZONE | Indoor Fans 18.18 8.66 9.51 |
| 57,769 _{8q.Ft.} 6 | Heat Rejection 0.00 0.00 0.00 |
| BUILDING TYPE X NONRESIDENTIAL HIGH RISE RESIDENTIAL HOTELANOTEL GUEST ROOM | Pumps & Misc. 0.37 0.34 0.04 |
| PHASE OF CONSTRUCTION X NEW CONSTRUCTION ADDITION EXISTING + ADDITION/ALTERATION | Domestic Hot Water 3.26 3.47 0.22 |
| STATEMENT OF COMPLIANCE | Lighting 77.78 77.78 0.00 |
| his Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24. Parts 1 and 6 of the | Receptacle 87.85 87.85 0.00 |
| adforming Code of Regulations. This certificate applies only to a Building using the performance compilance approach. The documentation proparer hereby certifies that the documentation is accurate and complete. | Process 0.00 0.00 0.00 |
| THE GOCUMENTATION AUTHOR SIGNATURE SIGNATURE DATE | TOTALS: 265.42 243.36 12.05 |
| Timothy R. Moon | |
| The Principal Designer hereby certifys that the proposed building design represented in this set of construction documents is onsistent with the other compilance forms and worksheets, with the specifications, and with any other calculations submitted with | |
| ermit application. The proposed building as designed meets the energy efficiency requirements contained in sections 110, 115, brough 118, and 140, 142, 143 or 149 of Title 24, Part 6. | GENERAL INFORMATION |
| ENV. LTG. MECH. | |
| 1, I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to | Building Orientation (S) 180 deg Conditioned Floor Area 57,788 eqt. |
| sign this document as the person responsible for its preparation; and that I am illoensed in the State of California as a civil engineer, mechanical engineer, or I am a licensed erchitect. | Number of Stories 2 Unconditioned Floor Area 0 aqt. |
| 2.1 affilm that I am eligible under the provisions of Division 3 of the Business and Professions Code Section | Number of Systems 5 Conditioned Footprint Area 29,546 act. |
| 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work. | Number of Zones e Fuel Type Natural Gas |
| · · · · · · · · · · · · · · · · · | Orientation Gross Area Glazing Area Glazing Ratio |
| 3.1 affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions | |
| Code Sections 5537, 5538, and 6737.1. (These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.) | Front Elevation (S) 7,184 sqt 3,138 sqt 43,7% Left Elevation (W) 3,278 sqt 1,196 sqt 36,5% |
| NVELOPE COMPLIANCE | Rear Elevation (N) 7,857 and 2,483 and 31,6% |
| Indicate location on plans of Note Block for Mandatory Measures | Right Elevation (E) 3,012 sqt 992 sqt 32.9% |
| Regulated Forms ENV-1 | Total 21,329 agt. 7,809 agt. 38.8% |
| RINCIPAL ENVELOPE DESIGNER - NAME SIGNATURE LIC, NO. DATE | |
| JDO/Dyer | Roof |
| IGHTING COMPLIANCE | Standard Proposed |
| Indicate location on plans of Note Block for Mandatory Measures of Note In The Scope Of This Submittal | Lighting Power Density 1.169 wags 1.169 wags |
| Required Forms This Substitute Required Forms I I I I I I I I I I I I I I I I I I I | Prescriptive Env. Heat Loss 17,091 Bush 15,569 Bush |
| RINGIFAL EXPLINE DESIGNER - NAME SURATORE LIC, NO. | Prescriptive Env. Heat Gain 843,063 Burn-F 831,364 Burn-F |
| FECHANICAL COMPLIANCE | Remarks: |
| Indicate location on plans of Note Block for Mendatory Measures | (Valitation) |
| Required Forms MECH-1, MECH-2, MECH-3, MECH-5 | |
| RINCIPAL MECHANICAL DESIGNER - NAME SIGNATURE LIC. NO. DATE MODD. Engineering | |
| | |
| Run Initiation Time: 11/03/09 12:02:35 Run Code: 1257278555 EnergyPro 4.3 by EnergySoft User Number: 6388 Job Number: 09016-00 Page 3 of 24 | Run initiation Time: 11/03/09 12:02:35 Run Code: 1257278555 |
| | EnergyPro 4.3 by EnergySoft User Number: 8388 Job Number: 09015-00 Page:4 of 24 |
| | |
| | |

| PERFORMAN | CE CERTIFICA | ATE OF COMP | LIAN | ICE | Part 3 | of 3 | PE | RF-1 | | CERTIFICATE OF COMPLIANCE ENV-1 |
|--|--|--------------------------------------|----------------|----------------------|--------------------------------|--|----------------|-----------------|-----------------------|--|
| PROJECT NAME | LO BUSINESS PAF | OK B.A | | | | DATE | 1/5/200 | 2 | i | PROJECT NAME |
| ZONE INFORMATION | LO DOSINEGO I AI | W 0-4 | | | | | 1/5/200 | 9 | | CABRILLO BUSINESS PARK B-4 11/5/2009 [OPAQUE SURFACES |
| | | | Floor | Inst. | CtrL | Allowed | LLPD_ | Proc. | i | |
| System Name | Zone Name | Occupancy Type | Area (sqfL) | (W/erf) ¹ | Credits (Winf) ² | Allower Area 1 (W/af) ³ | (Wist) | Loade (W/st) | | Type Area U-Fac. Cav. Cont. Azm. Tilt Status IV Reference Location / Comments |
| OFFICE WEST | WEST | Office | 13,913 | 41.200 | | | | | | 2 Wall 920 0.740 None R-0 0 0 80 New 13-F5 WEST |
| OFFICE EAST | EAST | Office | 13,920 | 41.200 | | | | | | 3 Well 576 0.740 None R-00 180 90 New 13-F5 WEST |
| WEST SECOND FLOOR | WEST | Office | 13,372 | *1.200 | | | | | | 5 Well 50 0.740 None R-0.0 45 90 New 13-F5 FAST |
| EAST SECOND FLOOR | EAST | Office | 13,561 | 1.200 | ļ | | | -4 | | 6 Wall 122 0.381 Note R.0.0 0 90 Now 15-A1 EAST 7 Wall 73 0.381 None R.0.0 45 90 New 15-A1 EAST |
| 1ST/2ND FLOOR CORE | CORE | Corridor/Restroom/Support | 1,290 | *0.600 | | | | - | | 8 Well 653 0.740 None R-0.0 90 90 Now 13-F5 EAST |
| l | ENTRY/BATHROOMS | Corridor/Restroom/Support | 1,713 | *0.600 | | \vdash | | | | 10 Wall 56 0.361 None 8.00 180 90 New 15.41 FAST |
| l | | | | | | | | | | 111 Roof 1 13 572 0.051 R-19 R-00 0 0 Nov. 02-85 WCST |
| | | | | | | | -+ | | lli | 13 Well 1,470 0,740 None R-0.0 0 90 New 13-F5 WEST |
| l | / | | \vdash | | | | | | | 14 Well 1,242 0.740 None R-0.01 180 90 Now 13-F5 WEST |
| | | | \vdash | | | | \rightarrow | | | 16 Wall 1,256 0,740 None R-0.0 0 90 New 13-F5 FAST |
| | | | | | | | _ | | | 17 Well 124 0.361 None R-0.0 0 90 New 15-A1 EAST 18 Well 200 0.740 None R-0.0 46 90 New 13-F5 EAST |
| | | | | | | 1 | | | | 19 Well 378 0.381 None R-0.0 45 90 New 15-A1 EAST |
| | | | | | | | | | | "N, E, A, R (New, Edeling, Alfored, Romoved) |
| | | | | | | | | | | FENESTRATION SURFACES |
| | | | | | | | | | | More than or equal to 10,000 eq.th. of sthe-built tenerimizion area must include a label cartificate either issued by NFRC or provide a CEC Delasal Label Cartificate using the default Standards Table 116.4 and 8, Cartificate shall be fixed in the continuous project office during construction and in the building manager's office after construction. |
| | | | | | | | | | | # Type Area U-Fac! SHGC ² Azm. Stat. Glazing Type Location/ |
| | | | | | | | | | | 1 Window Left (W) 500 0.570 NI-1 0.38 COG 270 New PPG SOLARBAN 50 (2) Clear WEST |
| | | | | | I | | | | | 1 3 Window Rear (N) 330 0.570 N=1 0.38 COG Of New PPG SOLARRAN ED (2) Clear WEST |
| L | | | | | | | | | | 4 Window Rear (N) 190 0.670 NI-1 0.38 COG 0 New IPPG SOLARBAN 80 (2) Ciner WFST |
| Notes: 1. See LTG-2-C (liens marked with asterial | k, see LTG-2 -C by others) 2. Se | 6 LTG-4-C 1. See LTG-5-C (by others) | 4. See LT | G-8-C | items abov | va require apo | ecial docum | entration | | 6 Window Front (S) 150 0.570 NH 0.38 COG 180 New PPG SQLARBAN 80 (2) Clear WEST |
| EXCEPTIONAL CONDI | | | | | | | | | | 7 (Window Front (S) 150 0.570 Ni-1 0.38 COG 180 New PPG SOLARBAN 60 (2) Clear (WEST |
| and documentation, and epa- | cial vertication to be used w | on to the items specified in the | h. The io | cal enfor | roment s | maney date | arminee # | a arlamen | | 9 Window Front (S) 58 0.570 Ni-1 0.38 COG 180 New PPG SQLARBAN 80 (2) Clear WEST |
| the justification, and may reje submitted. | ect a building or design that | otherwise compiles based or | the adec | insch of | the speci | al justifica | tion and d | locument | tation. | T" 131 Window Front (S) 56 0.570 NH 0.38 COG 140 New IPPG SOLAPRAN 80 /2) Clear MASST |
| | AR MIVP* is a Lama Gos um | ter healer with Pilot Loss = 450 |) bé é | | | | | | ш | 12 Window Front (9) 56 0.570 NI-1 0.38 COG 160 New PPG SOLARBAN 60 (2) Clear WEST 13 Window Rear (N) 264 0.570 NI-1 0.38 COG 0 New PPG SOLARBAN 80 (2) Clear EAST |
| The HVAC System "TRANE" | | | , Dupii, | | | | | | | (1) U-fector Type: 116-A Default Table from Stanfards, Table NH-I Default Table from the ACM Mercost Appendix, NFRC Labeled value. (2) SHOC Type: 116-A Default Table from Stanfards, Table NH-I Default Table from the ACM Mercost Appendix, NFRC Labeled value. |
| | _ | | | | | | | | | EXTERIOR SHADING |
| | | | | | | | | | | Window Overhang Left Fin Dight Fin |
| | | | | | | | | | | # Exterior Shade Type SHGC Hgt. Wd. Len. Hgt. LExt.RExt. Dist. Len. Hgt. Dist. Len. Hgt. |
| | | | | | | | | | | |
| | ~. · · · · · · · · · · · · · · · · · · · | | | | | | | | Ш | 2 None 0.76 0.76 0.76 0.76 0.76 0.76 0.76 0.76 |
| | | | | | | | | | | 5 None 0.76 |
| | | | | | | | |] | $\parallel \parallel$ | 8 None 0.76 10.0 15.0 1.0 0.1 0.5 0.5 7 None 0.78 10.0 15.0 1.0 0.1 0.5 0.5 |
| | ·n- | | | | | | | | - - | 8 None 0.76 10.0 15.0 1.0 0.1 0.5 0.5 0.1 2.0 0 0.1 2.0 0 |
| | | | | | | | | | | 9 None 0.76 7.7 7.5 1.0 0.1 0.5 0.5 0.1 2.0 0 0.1 2.0 0 10 2.0 0 1 |
| | | | | | | | | | | |
| The excaptional features lists | ed in this performance serve | each application have specific | ally has- | review | d Adam | tele velit | lundfir - | (00.000 | \parallel | 12 None 0.76 7.5 7.5 1.0 0.1 0.5 0.5 0.1 2.0 0 0.1 2.0 0 1.1 2.0 0 |
| documentation for their use I | have been provided by the a | pplicant. | with negli | viowo | w. woeds | POTE MINIST | · Tenaturi CSJ | Dis non | | MINIMUM SKYLIGHT AREA FOR LARGE ENCLOSED SPACES |
| Authorized Signature or Stan | np | | | | | | | | Ш | The proposed building is in climate zones 2 through 15 and contains an acclosed space with floor area greater than 25,000 fi2, a celling beight greater than 16 feet, an lighting of at least 0.5 W/fi2. Bea Section 43(c), if this box is checked, ENV-4-C must be fitted out, when submitting under the Prescriptive Compliance Approach. |
| F | Run Initiation Time: 1 | | Run Co | | 572785 | 55 | | \Box | | Run Initiation Time: 11/03/09 12:02:35 Run Code: 1257278555 |
| EnergyPro 4.3 by EnergyS | oft User Number: 83 | donuM doL | sr: 09015-0 | 0 | | | Page 5 | x 24 | Ш | EnergyPro 4.3 by EnergySoft User Number: 6388 Job Number: 09015-00 PageS of 24 |
| | | | | | | | | | | |
| | | | | | | | | | - | |











Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





PROTESSONA ONY R. AS No. 22282 Exp. 12/9/II

CABRILLO BUSINESS PARK BUILDING NO. 4

.

TITLE 24 ENERGY FORMS

Date : II-18-09

Drawn by . RMA

Sheet :

TITLE 24 ENERGY COMPLIANCE DOCUMENTATION

| ROJECT NAME CABRILLO BUSINE | SS PARK | (B-4 | | 11/5/2009 |
|---|---|---|---|--------------------------------|
| SYSTEM FEATURES | | | | · |
| | | | SYSTEMS, Control or Single | |
| ITEM OR SYSTEM TAG(S) | 1 | OFFICE WEST | OFFICE EAST | WEST SECOND FLOO |
| Number of Systems | ! | 1 | 1 | 1 |
| MANDATORY MEASURES | T-24 Section | Refe | erence on Plane or Specific | ation |
| Heating Equipment Efficiency | 112(a) | n/a | n/a | n/a |
| Cooling Equipment Efficiency | 112(a) | B.5 EER | 9.5 EER | 9.5 EER |
| Heat Pump Thermostat | 112(b) | n/a | n/a | n/a |
| Fumace Controls | 112(c), 115(a) | n/a | n/a | n/a |
| Natural Ventilation | 121(b) | Yes | Yes | Yes |
| Minimum Ventilation | 121(b) | 2087 cfm | 2088 cfm | 2008 cfm |
| VAV Minimum Poeltion Control | 121(c) | Yes | Yes | Yes |
| Demand Control Ventilation | 121(c) | No | No | No |
| Time Control | 121(c), 122(e) | Programmable Switch | Programmable Switch | Programmeble Switch |
| Setback and Setup Control | 122(e) | Heating Required | Heating Required | Heating Required |
| Outdoor Damper Control | 122(D | Auto | Auto | Auto |
| Isolation Zones | 122(g) | n/a | n/a | n/a |
| Pipe Insulation | 123 | • • | | |
| Duct Insulation | 124 | R-4.2 | R-4.2 | R-4.2 |
| Galculated Heating Capacityx 1.43 ² Proposed Heating Capacity ² | 144 (a & b) 144 (a & b) | n/a 0 bluh | n/e O btuh | n/e 0 btuh |
| Calculated Sensible Cooling Capacity: 1.21 ² | | n/e | n/a | n/a |
| Proposed Sensible Cooling Capacity ² | 144 (a & b) | 361,537 bluft | 355,908 bluh | 357.304 bluh |
| Fan Control | 144 (c) | Variable Speed | Variable Speed | Variable Speed |
| DP Sensor Location | 144 (c) | Yajiada opada | Villabio Opcoo | VERBUS OPCOS |
| Supply Pressure Reset (DDC only) | 144 (c) | Yes | Yes | Yes |
| Simultaneous Heat/Cool | 144 (d) | Yes | Yes | Yes |
| Economizer | 144 (6) | Diff, Temp (Integrated) | Diff. Temp (Integrated) | Diff. Temp (Integrated |
| Heating Air Supply Reset | 144 (0 | Constant Temp | Constant Temp | Constant Temp |
| Cooling Air Supply Reset | 144 (1) | OA Reset | OA Reset | OA Reset |
| Duct Sealing for Prescriptive Compliance | 144 (k) | No | No | No |
| For each central and single zone air systems (or go required features are documented. If a requirement is 2: Not required for hydroric healing and cooling. Elity | oup of almilar units not applicable, pu or onler a value ha | i) fill in the reference to sheet num it "NA" in the column. are or put in reference of plans and | ber and/or specification section as specifications par footnote 1. | nd paragraph number where t |
| 3: Enter Yes if System is: Constant Volume, Single Z see PERF-1 for performance method duct sealing req | ulrements. | • • | ditioned spece. Duct scaling is re | quired for Prescriptive Compli |
| NOTES TO FIELD - For Building De | partment U | se Only | | |
| | | | Run Code: 125727855 | |
| | ser Number: 6366 | Job Numbi | x: 09015-00 | Page:11 of 24 |

| TEM OR SYSTEM TAG(S) | | DATE | | | | ROJECT NAME |
|--|------------------|-------------|-------------------------------------|-------------------------|-------------------|---|
| ARR SYSTEMS, Central or Single Zone EAST SECOND FLOOR STIZND FLOOR COKE | 11/5/2009 | | | (В-4 | SS PARK | |
| TEM OR SYSTEM TAG(S) EAST SECOND FLOOR 1STIZND FLOOR CORE | | | | | | SYSTEM FEATURES |
| 1 | | | | | | TEN OD SVSTEN TAGIS\ |
| T-24 Section Reference on Plans or Specification Reference on Plans or Specification Reference on Plans or Specification 112(a) | | + | | | | |
| MANDATORY MEASURES Section Reference on Plane of Specification | | | | 1 | T-2% | dumber of Systems |
| 12(a) R.5 EER 10.1 EER | | Realiori | erence on Plans or Specific | Refe | | MANDATORY MEASURES |
| | | | 80% AFUE | n/a | 112(a) | Heating Equipment Efficiency |
| Furnace Controls 112(c), 115(c) 112(c), 115(c) 112(c) 112(| | | 10.1 EER | 9.5 EER | 112(a). | Cooling Equipment Efficiency |
| Value Valu | _ | | n/a | n/a | 112(b) | lest Pump Thermostst |
| 121(b) 2034 cm 1007 cfm | | | n/a | n/a | 112(c), 115(a) | Furnace Controls |
| | | | Yes | Yos | 121(b) | Vatural Ventilation |
| Demand Control Vertilation 12(6) No No No No No No No N | | 1 | 1007 cfm | 2034 cfm | 121(b) | Minimum Ventilation |
| Time Control 121(6.1220) Programmable Swiftin Prog | | 4 | No | Yes | 121(0) | AV Minimum Position Control |
| 122(e) Heating Required Heating Required | | | No | No | 121(c) | Demand Control Ventilation |
| 1280 | | | Programmable Switch | Programmable Switch | 121(c), 122(e) | Time Control |
| 122(g) Ns | | | Heating Required | Heating Required | 122(e) | Setback and Setup Control |
| 123 | | | Auto | Auto | 122(1) | Outdoor Damper Control |
| 124 R.4.2 R.4.2 R.4.2 | | | n/a | n/a | 122(0) | solation Zones |
| PRESCRIPTIVE MEASURES Calculated Heating Capacitys 1A3 2 Proposed Heating Capacity 1A3 2 Proposed Heating Capacity 1A3 2 Proposed Sensibire Cooling Capacity 1A7 144 (a & b) 0 blub 0 blub 0 blub 1 Proposed Sensibire Cooling Capacity 144 (a & b) 0 blub 0 blub 1 Proposed Sensibire Cooling Capacity 144 (a & b) 3 357 222 blub 68, 469 blub 1 Proposed Sensibire Cooling Capacity 144 (a & b) 3 57 222 blub 68, 469 blub 1 PS Sensor Location 144 (c) Vertibile Speed Constant Volume 1 PS Sensor Location 144 (c) Yes Yes 1 Initiatianeous Heatifood 144 (a) Yes No 0 Economizer 144 (a) 0 W. Temp (Initiagrated) 0 W. Temp (Indiagrated) 1 PS Sensor Location 1 Temp Constant Temp Constant Temp 1 Duct Sealing for Prescriptive Compliance 1 In For sets central and strips are at systems (or group of whater urab) 5th in betherines to shoot number and/or specification section and paragraph regarded features and contrastic. If a requirement is not operature is not operature is not operature. | | | | | 123 | Pipe insulation |
| | | | R-4.2 | R-4.2 | 124 | Duct Insulation |
| 144 (a § b) | | - | | | | PRESCRIPTIVE MEASURES |
| 144 (a. 6. b) 187 / 184 | | + | | | | Calculated Heating Capacityx 1.43 ² |
| Proposed Sensible Cooling Capacity 144 (a.s. b) 357232 blub 88,469 blub 144 (c) Verfibble Speed Constant Volume 144 (c) Verfibble Speed Constant Volume 144 (c) Verfibble Speed Constant Volume 144 (c) Yes Yes Structure 144 (c) Yes Ye | | - | | | | |
| Farr Control 144 (c) Verfiable Speed Constant Volume 144 (c) Versible Speed Constant Volume 144 (d) Yes Yes Stupply Pressure Reset (DDC only) 144 (d) Yes Yes Initiatiseneous Head/Cool 144 (d) Yes No Constant Farry 144 (e) Diff. Temp (Initiatizabid) Diff. Temp (Initiatizabid) 144 (e) Diff. Temp (Initiatizabid) Diff. Temp (Initiatizabid) 144 (e) Diff. Temp (Initiatizabid) 144 (f) Constant Temp Constant Temp Constant Temp Duct Sealing for Prescriptive Compiliande 144 (e) No No No No No No No No No No | | ╀ | | | 144 (a & b) | Calculated Sensible Cooling Capacityx 1.21 ² |
| P Sensor Location 144 (c) 149 (c) 140 Yes Yes Yes Yes No Connominar 144 (d) Yes No Connominar 144 (e) Diff. Temp (Integrated) 144 (f) Constant Temp Constant Temp Duct Sealing for Prescriptive Complianto 144 (d) A Reset Constant Temp Duct Sealing for Prescriptive Complianto 144 (d) No No No No No No No No No N | | + | 58,469 btuh | 367,232 bluh | 144 (a & b) | Proposed Sensible Cooling Capacity ² |
| Stupply Pressure Reset (DDC only) Institutence are Heat/Cool Concombrace 144 (6) 146 (6) 146 (6) 146 (6) 146 (6) 146 (6) 146 (7) | | - | Constant Volume | Verlable Speed | 144 (c) | Fan Control |
| Simultaneous Hast/Cool 144 (s) Yes No Coonomizer 144 (s) Diff. Temp (Integrated) Diff. Temp (Integrated) 144 (s) Diff. Temp (Integrated) Diff. Temp (Integrated) 144 (s) Constant Temp 144 (s) Constant Temp 144 (s) CA Reset Constant Temp 144 (s) No N | | — | | | 144 (c) | OP Sensor Location |
| 144 (e) Oiff. Temp (Integrated) Oiff. Temp (Integrated) | | +- | Yes | Yes | 144.(c) | Supply Pressure Reset (DDC only) |
| Heating Air Bupply Reset Looling Air Supply Reset Let (I) Constant Temp Constant Temp Let (I) OA Reset Constant Temp Let (I) OA Reset Constant Temp Let (I) OA Reset Constant Temp No No No No Reset Constant Temp No No Reset Constant Temp No No No No No No Reset Constant Temp No No Reset Constant Temp No No | | +- | | | | Simultaneous Heat/Cool |
| Cooling Air Supply Reset 144 (f) OA Reset Constant Temp Duct Sealing for Prescriptive Compilish 144 (b) No No No No No To reach central and erdys zone air systems (or group of similar urals) Still to be reterence to sheet number and/or specification section and paragraph opported features are occurrenced. If a requirement is not applicable, part 70% in the occurrence. | | 4 | Diff. Temp (Integrated) | Diff. Temp (Integrated) | 144 (e) | Economicer |
| Duct Sealing for Prescriptive Compiliance 144 (b) No No No No No No No No No No No No No No No No No No | | 1_ | | | | leating Air Supply Reset |
| 1: For each central and etrops zone of systems (or group of similar units) \$5 in the reference to sheet number and/or specification eaction and paragraph required feetures are documented. If a requirement is not applicable, put YWA' in the column. | | 4−− | | | | |
| equired features are documented. If a requirement is not applicable, put "VA" in the column. | | | | | | |
| | uph number where | end perag | nber and/or specification eaction s | | | |
| 2: Not required for hydronic heating and cooling. Either enter a value here or put in reference of plans and specifications per footnote 1, | | | d specifications per footnote 1. | | | |
| Enter Yes if System is: Constant Volume, Single Zone; Servers < 5,000 sqt; Has > 25% duct in unconditioned space. Duct seeling is required for Pre- see PERF-1 for performance method duct dealing registrements. | Prescriptive Com | required fo | | | one; Serves < 5,0 | i: Enter Yea if System is: Constant Volume, Single Zo |
| NOTES TO FIELD - For Building Department Use Only | | | | sa Only | | |

| CABRILLO BUS SYSTEM FEATURES ITEM OR SYSTEM TAG(S) Number of Systems | INESS PA | ARK B-4 | Val | 11/5/20 |
|---|---|---|--------------------------------|---------------------|
| ITEM OR SYSTEM TAG(S) | | | | |
| | | | | |
| | | | iB: Chillers, Towers, Bollers, | Hydronic Loop |
| Number of Systems | | Rsypak H*-0724*-***H*** | | |
| | T-24 | | | |
| MANDATORY MEASURES | Section | Refere | nce on Plans or Specification | ı |
| Equipment Efficiency | 112(a) | 82% | | |
| Pipe insulation | 123 | HW Piping | | |
| PRESCRIPTIVE MEASURES | | | | |
| Calculated Capacity | 144 (s & b) | n/a | | |
| Proposed Capacity | 144 (a & b) | 1,190,640 bluh | | |
| Tower Fan Controls | 144 (h) | n/a | | |
| Tower Flow Controls | 144 (h) | n/a | | |
| Variable Flow System Design | 144 (1) | | | |
| Chiller and Boller Isolation | 144 (1) | n/a | i <u>↓</u> | |
| CHW and HHW Reset Controls | 144 (1) | Required | | |
| | | n/a | | |
| 100 NEU AND THE US | 144 (1) | | | |
| VSD on CHW, CW & WLHP Pumps > 1 HP | 144 (1) | n/a | | |
| VSD on CHW, CW & WLHP Pumps > 1 HP | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/a n/a groups of almiler equipment) fill in the n u/rament is not applicable, put "NA" in t | | ecification section |
| VSD on CHW, CW & WLHP Pumps > HP DP Sensor Location 1: For each chiller, cooling tower, boller, and number where the required features are docu | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/n n/a rgroups of similar equipment) fill in the n giverment is not applicable, pur "NA" in t ukis such as glycol or brine. | he column. | ecification section |
| VSD on CHW, CW & WLHP Pumps > HP DP Sensor Location 1: For each chiller, cooling tower, boller, and number where the required features are docu | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/n n/a rgroups of similar equipment) fill in the n giverment is not applicable, pur "NA" in t ukis such as glycol or brine. | | ecification section |
| VSD on CHW, CW & WLHP Pumps > 8 HP Sensor Location 1: For each chiller, cooling lower, boller, and number where the required features are docu 2: Water side systems include wet able system | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/s n/s groups of shiller equipment) fill in the re privatement is not applicable, pur "SA" in to uidds such as glycol or brine. Servi | he column. | ecification section |
| VSD on CHW, CW & WLHP Pumps > \$ PD P Sensor Location 1: For each childer, cooling lower, boiler, and number where the required features are doou 2: Water side systems include wet side system ITEM OR SYSTEM TAG(S) | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/s n/s n/s groups of strillar equipment) fill in the n pointment is not explained, pur "NA" in t uids such as glycol or brise. Servi DH/W Healter 2 | he column. | |
| VSD on CHW, CW & WLHP Pumps > 8 HP DP Sensor Location 1. For each chile, cooling twee, lottler, and number where the recolled features are docu- 2. Water able systems include wet able system ITEM OR SYSTEM TAG(S) Number of 8ystems MANDATORY MEASURES | 144 (I) 144 (I) hydronic loop (o mented. If a re- | n/s n/s n/s groups of strillar equipment) fill in the n pointment is not explained, pur "NA" in t uids such as glycol or brise. Servi DH/W Healter 2 | ce Hot Water, Pool Heating | |
| VSD on CHW, CW & WLHP Pumps > \$ PD PS amsor Location 1. For each chiller, cooling tower, bolist, and number where the required features are dious 2. Water side systems include wet side system ITEM OR SYSTEM TAG(S) Number of Systems MANDATORY MEASURES Wefor Heater Certification | 144 (I) 1444 (I) hydranic lace (c imented. It is no m using other its | nde nde nde groups of shinker equipment) fill in the ne groups of shinker equipment) fill in the ne depletement in not epokeable, put "NA" in 1 tuide such as glycol or brise. DHW Heeler | ce Hot Water, Pool Heating | |
| VSD on CHW, CW & WLHP Pumps > 8 DP Sensor Location 1: For each childry coming tower, boller, and number where the reculred returnes are about 2: Wester where the reculred returnes are about 2: Wester where the reculred returnes are about TTEM OR SYSTEM TAG(S) Number of Systems MANDATORY MEASURES Water Heater Certification Water Heater Efficiency | 144 (I) 1444 (I) hydranic lace (commented. If a re- m using other lic | nds | ce Hot Water, Pool Heating | |
| VSD on CHW, CW & WLHP Pumps > 8 HP DP Sensor Location 1: For each child, cooling twer, lotins, and number where the recolind features are docu- 2: Water size systems include wet side system ITEM OR SYSTEM TAG(S) Number of Systems MANDATORY MEASURES Water Heater Cartification Water Heater Efficiency Service Water Heating Installation | 144 (I) 144 (I) hydranic top (o mented. If a red m using other its 113 (a) 113 (b) | nds | ce Hot Water, Pool Heating | |
| VSD on CHW, CW & WLHP Pumps > \$ HP Pumps To Active Control of the Pumps of the Pump | 144 (I) 1444 (I) hydronic top (o mented. If a re- m using other its 113 (a) 113 (b) 113 (c) | nde | ce Hot Water, Pool Heating | |
| VSD on CHW, CW & WLHP Pumps > 8 PS ensor Location DP Sensor Location 1: For each childs, coming tower, bolist, and number where the reculred returnes are about 2: Wister able systems include wet able system ITEM OR SYSTEM TAG(S) Number of 8ystems MANDATORY MEASURES Water Neater Certification Water Meater Efficiency Service Water Heating Installation Pool and 8ps Efficiency and Control | 144 (f) 144 (f) hydronic laop (o meritad. If a re- m using other lic 113 (a) 113 (b) 114 (a) | nde nde nde groups of alteriar engineers) (% in the next experiment) is not explicable, put 19/4" in the next experiment is not explicable, put 19/4" in the next experiment is not explicable, put 19/4" in this such as glycol or brine. Service | ce Hot Water, Pool Heating | |

| | PROJECT NAME CABRILLO E | BUSINE | SS PA | ARK E | 1-4 | | | | | | | | 5/200 | 19 1 | |
|---|--|---|---|--------------------------------|---------------------------|---------------------------------------|---------------------------------|---------------------------------|----------------------------|-------------------------------------|------------------------|--|------------------------------|---------|--|
| 1 | MECHANICAL VENTILATIO | N (Sectio | n.121(| b)2) | | | | | | LIMI | ESCRUP TATION | TIVE REI (Section | HEAT 144(d)) | H | |
| | | | EA BAS | | | PANCY | | | | | VAV M | | | | |
| 1 | А | B | _C | D | E | F | <u>-G</u> | H | _1_ | 3.40 | К | TO. | ₩, | ┝ | |
| - | ZONE/SYSTEM | Condition Area (SF) | CFM per 8quare Foot | Min CFM by Arnel (B x C) | Number of People | CFM per Person | Min CFM by Occupant (ExF) | REQ'D V.A Max of (D or G) | Design Vent. Air CFM | 30% of Design Zone Bupply CFM | B x 0.4 CFM/aq. ft. | Max of Columns H, J, K or 300 CFM | Design Min., Air Selpoint | | |
| | WEST | 13,913 | 0.15 | 2,087 | 139.1 | 15.0 | 2,087 | 2,067 | 2,087 | | | | | L | |
| | OFFICE WEST | | | | | | Total | 2,087 | 2,087 | | Ľ | | | L | |
| | AST | 13,920 | 0.15 | 2,088 | 139.2 | 15.0 | 2,088 | 2,068 | 2,088 | | L | | | l | |
| | OFFICE EAST | | | | | | Total | 2,088 | 2,068 | | | | | | |
| ļ | WEST | 13,372 | 0.15 | 2,006 | 133.7 | 15.0 | 2,008 | 2,006 | 2,006 | | | | | Γ | |
| | WEST SECOND FLOOR | | | | | | Total | 2,006 | 2,006 | | | | | Γ | |
| | EAST | 13,58 | 0.15 | 2,034 | 135.6 | 15.0 | 2,034 | 2,034 | 2,034 | | | | | Γ | |
| | EAST SECOND FLOOR | | | | | | Total | 2,034 | 2,034 | | | I | | Ī | |
| | CORE | 1,290 | 0,15 | 194 | 12.9 | 15.0 | 194 | 194 | 750 | | | | | Ι | |
| | ENTRY/BATHROOMS | 1,713 | 0.15 | 257 | 17.1 | 15.0 | 257 | 257 | 257 | | | | | Ι | |
| | 1ST/2ND FLOOR CORE | | | | | | Total | 450 | 1,007 | | | | | Γ | |
| | | | | | | | | | | | | | | Τ | |
| | | | | l | | | | - | | | | | | T | |
| | | 1 | | | | | | | | | | | | T | |
| | | | | | | | | | Ī | | | | | T | |
| | | | | | | | | | | | | | | t | |
| | | | | | | | | | | | | | | T | |
| ı | | | | | | | | | | | | | | T | |
| | | | _ | | | | | | | | | l | | T | |
| | | | | | | | | | | | 1 | | | t | |
| | | | | | | | | | | | - | | | t | |
| | | | | | | | | | | l | | \vdash | | t | |
| ı | | 1 | | · | | | | | | | | | | t | |
| | | | | | | | | | | | | 1 | | t | |
| | | 1 | 1 | \vdash | | | | | | <u> </u> | | | <u> </u> | t | |
| | C Minknum ventilation rate per Sect | on 121. Table 1 | 21-A | | <u> </u> | L | 1 | | <u> </u> | | L | | | _ | |
| | E Board on Basel sett or the proute H Reported Venitation Air (REQU'S I Must be arrested then or equal to J Design fan supply date (Fan CFM) K Condition area (ft. eq.) y 04 cfm/ft L Meetimen of Columns H, Jr. K, or Mill This most be less than or equal to | of the expects (A) is the terms (Loruse Transif (X30%; or (80; or (80) of (Column L and | d number of of the ve- er Air (colu | nto N) to m | se calcula take us the | ed on end differences of Column | AREA or i | XCCUPAN | CYBASIS | (column D | or on. | | | _ | |
| | N Transfer air must be provided who to the difference between the Rec Run EnergyPro 4.3 by EnergySoft | Initiation | | 11/03 | | 02:35 | | Run C | ode: 1 | | | transfer al | Page:14 | | |

| MECHANIC | AL EQUIP | М | <u>EN</u> | T |)ET | AIL | S | | | <u>F</u> | art 1 | of 2 | ME | CH | -5-C |
|-----------------------------|------------------|---------------|-----------|----------|----------|----------|--|----------|-----------------|---------------|---------------|------------------------|-------------------|---------------|---------------|
| ROJECT NAME CAB | RILLO BUSIN | ESS | S P | ARK | (B-4 | | | | | | | | DATE 11/ | 5/200 | 9 |
| HILLER AND TO | WER SUMMARY | | | | | | _ | | | | | | | | |
| | - | | | T | | | Т | To | ET- | T | Motor | MPS | т | omp. | |
| Equipment Name | Equipment 1 | уре | | Qty. | Effici | lency | To | ne Qi | y GPM | BHP | Eff. | Drive Eff. | _ c | ontrol | _ |
| Hol Water Pumps | | | | | | | 1 | | 1 80 | 1.50 | 84.0% | 87.09 | One-Spe Valvas | ed, 3 W | fay |
| | | | | | | | _ | | | | | | | | |
| | | | | | | | L | | | | | | | | |
| HW / BOILER SU | MMARY | | | | | - | - | | - | | | | | - | |
| | | | | | | | | | | | E | nergy | Standby | | INSUL. |
| System Name | System Type | | Die | tributi | on Type | | aty | Reted | Vol. (Gats.) | Condit | ion F | nergy actor r RE | Loss or Pilot | R. | Xt. Val. |
| laypak H*-0724*-***H*** | Large Gas | Hyd | ronic | : Heaß | ng | | 2 | 728,000 | | Nev | , _ | 0.82 | 0.009 | 16 | 0.0 |
| QUASTAR 60 VP | Large Gas | No F | ipe | Insula | tion | | 2 | 77,50 | | Nev | , | 0.76 | 0.00 | × | 0,0 |
| | | | | | | | 1 | | | 1 | \neg | | | 1 | |
| MULTI-FAMILY CE | NTRAL WATER | HEA | Tin | IG DI | TAIL S | - | _ | | | | | | | | |
| | Hot Water Pur | | | | | | Т | | Hot W | ater Pip | ing Len | oth (ft) | | | |
| Control | # | . + | IP. | _ | Typ | 20 | ┸ | In Ple | num | Out | side | В | urled | L Ago | ation |
| | | | | | | | | | | | | | | l | |
| | " " | | | | | | Т | | | | | | | | |
| | | | | | | | Т | | | | | | | | |
| ENTRAL SYSTEM | RATINGS | | | | | | | | | | | | | | |
| | | _ | + | | HEATT | (G | | - | | LING | _ | Condit | tion | | |
| System Name RANE TCD 420 | System Type | $\overline{}$ | 7 | Dutou | LKW. | Ef | <u>. </u> | Outpo | | flicienc | ¥ | State | e Eco | nomize | |
| rane | Packaged VAV | 4 | 4 | | 0.0 | <u> </u> | n/e | 420,0 | 00 9.5 E | ER | | ١ | Vew Diff. 1 | emp (lr | ntegrated |
| rens | Packaged DX | 4 | 1 | | 0.0 | 80% A | FUE | 90,0 | 00 10.1 1 | ER | | | Vew Diff. 7 | emp (Ir | tegrated |
| | | _ | 1 | | | <u> </u> | | | | | | <u> </u> | | | |
| | | | ┸ | | | | | | 1 | | | | | | |
| | | | ⊥. | | 1 | | | | | | | | | | |
| | | | | | | Γ | | | | | | | | | |
| • | | Т | 7 | | | | | | T | | | | | | |
| ENTRAL SYSTEM | FAN SUMMAR | v | _ | | | | _ | ` | | | | | | | |
| | | | | | | | | SUPPL | Y FAN | | | | RETUR | N FAN | |
| System Name | Fen T | Vna | | | Mole | rioca | fion | GFM | BHP | Motor Eff. | Drive Eff. | CFM | ВНР | Motor Eff. | Orive Eff. |
| TRANE TCD 420 | Variable Speed | | | | Draw-T | | | 14.000 | 7.50 | | 100.0% | 12.00 | | 40.0% | 97.0% |
| Trane | Constant Volume | | | | Draw-T | | | 3,000 | 1.00 | | 100.0% | non | | 19.074 | - 01,010 |
| | Donatant Verding | _ | | \neg | - ium | inougi | - | | 1.00 | | 100.00 | 1 | | | |
| | | | | | | | - | | - | | | | | | |
| | + | _ | | \dashv | \vdash | | | | | | | ╟─ | +- | | |
| | | | | _ | ├ | | | | | ├ | ├ | ₩ | - | | |
| | | | | | | | | | | | | | | | |
| | | | | | ⊢ | | - | <u> </u> | ├— | _ | - | ╟ | - | | \vdash |

| PROJE | CT NAM | CABRILLO BUSINESS PARK B-4 | DAT | 11/5/2009 |
|-------|---------|---|----------|-----------|
| | ESCI | RIPTION | Designer | Enforceme |
| | 118(2) | installed insulating Material shall have been certified by the manufacturer to comply with the California Quality Standards for insulating material, Title 20, Chapter 4, Article 3. | | |
| X | 118(c) | All insulating Meterials shall be installed in compliance with the flarre spread rating and smoke density requirements of Sections 2602 and 707 of Title 24, Part 2. | | |
| | 117(a) | All Exterior Joints and openings in the building that are observable sources of air leakage shall be caulked, gaskeled, weatherstripped or otherwise easied. | | |
| X | 116(b) | Site Constructed Doors, Windows and Skylights shall be caused between the unit and the building, and shall be weetherstripped (except for unitamed glass doors and fire doors). | | |
| | 116(a)1 | I Manufactured Doors and Windows Installed shall have air infiltration rates not exceeding those shown in Table Number 1-E. of the disundands. Manufactured famestration products must be labeled for U-value according to NFRC procedures. | | |
| X | 118(e) | Demiatog Wells in Nooresidential Buildings: The opaque portions of framed demisting walls in nonresidential buildings shall have insudation with an installed R-value of no less than R-13 between framing members. | | |
| | | • | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| ROJE | CT NAME | CABRILLO BUSINESS PARK B-4 | DAT | 11/5/2009 |
|------|----------|--|----------|-----------|
| | ESCRI | | Designer | Enforceme |
| E | quipm | ent and Systems Efficiencies | | |
| X | | Any appliance for which there is a California standard established in the Appliance Efficiency Regulations will comply with the applicable standard. | | |
| X | 115(a) | Fan type central furnaces shall not have a paot light. | | |
| X | | Piping, except that conveying fluids at temperatures between 60 and 105 degrees. Fabrenheit, or within HYAC equipment, shall be insulated in accordance with Standards Section 123. | | |
| X | | Air handling duct systems shall be installed and insulated in compilance with Sections 601, 602, 603, 604, and 605 of the 2001 CMC Standards. | | |
| • | Controls | | | |
| | 122(e) | Each space conditioning system shall be installed with one of the following: | | |
| X | | Each space conditioning system earing building types such as offlose and manufacturing relitities (and all others not explicitly searnly from the requirements of Section 112 (d)) shall be installed with an automatic time witch with an excessible manual overrise that allows operation of the system during off-fours for up to 4 hours. The time switch shall be capable of programming different candidate for weakdays and evelends and nave program hackup capabilities that prevent the loss of the device's program and time setting for at least 10 hours if power is interrupted; or | | |
| | 122(e)1C | An occupancy sensor to control the operating period of the system; or A 4-hour timer that can be manually operated to control the operating period of the | | |
| | 122(e)2 | system. Each speec conditioning system shall be installed with controls that temporarily restart and temporarily operate the system as required to maintain a selback heating endor a setup cooling thermostal setpoint. | | |
| | | Each space conditioning system serving muttiple zones with a combined conditioned finor area more than 25,000 square feet shall be provided with isolation zones. Each noise: shall not accessed 25,000 square set; shall be provided with isolation devices, such as valves or dampers, that allow the supply of heating or cooling to be setback or shut of the dependently of other solation areas; and shall be controlled by a time control device as described above. | | |
| X | 122(e&b) | Each apsoc conditioning system shall be controlled by an individual thermostat that responds to temperature within the zone. Where used to control heating, the control shall be adjustable down to St degrees FC others. For cooling, the control shall be adjustabled up to St degrees FC others. For cooling, the control shall be adjustable up to St degrees FC or higher. Where used for both heating and cooling, the control shall be capable of providing a deadshard of all sack of degrees F within which the supply of heating and cooling is shut off or reduced to a middimum. | | |
| X | 122(c) | Thermostate shall have numeric setpoints in degrees Fahrenheit (F) and adjustable setpoint stops accessible only to authorized personnel. | | |
| | 112(b) | Heat pumps shall be installed with controls to prevent electric resistance supplementary heater operation when the heating load can be met by the heat pump alone. | | |

| | | NICAL MANDATORY MEASURES Part | | MECH- |
|------|----------|---|--|--------------|
| ROJE | CT HAME | CABRILLO BUSINESS PARK 8-4 | DATE | 11/5/2009 |
| | escrip | | Designer | Enforcer |
| | 'entilat | | | 1 |
| X) | 121(0) | Controls shall be provided to allow outside air dampers or devices to be operated at the ventilation rates as specified on these plans. | | |
| | 122(1) | Gravity or automatic dampers interlocked and closed on fan shutdown shell be provided on the outside air intakee and discharges of all space conditioning and exhaust systems. | | |
| | 122(1) | All gravity ventilating systems shall be provided with automatic or readily soccessible manually operated dampers in all openings to the outside, except for combustion al- openings. | | |
| X | 121(1)1 | Air Balancing: The system shall be balanced in accordance with the National Environmental Balancing Bureau (NEBS) Procedural Standards (1983), or Associated Air Balance Council (AABC) National Standards (1989); or | | |
| | 121(1)2 | Outside Air Certification: The system shall provide the minimum outside air as shown on the mischanical drawings, and shall be measured and certified by the installing (tonesed-CO2 machanical contractor and certified by (1) the decided CO2 microscopic contractor and certified by (1) the decided of the mechanical engineer, (2) the installing licensed CO2 machanical contractor, or (3) the parson with overall responsibility for the design of the wertifiation system. | | |
| | 121(1)3 | Outside Air Messurement: The system shall be equipped with a calibrated local or remote device capable of measuring the quantity of outside air on a continuous basic and displaying that quantity on a readily accessible display divice; or | | |
| | 121(1)4 | Another method approved by the Commission. | | |
| 8 | ervice | Water Heating Systems | | - |
| | 113(6)2 | If a circulating hot water system is installed, it shall have a control capable of automatically turning off the circulating pump(e) when hot water is not required. | | |
| X | 113(c) | Layatories in reatmooms of public facilities shall be equipped with controls to limit the outlet temperature to 110 degrees F . | | |
| | | | | 1 |
| | | | | |
| | | | | |
| | | | , | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | |] |



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453



MOON STATE



Revisions

 $\frac{\triangle}{\triangle}$.

POTESSON
POTESSON
No. 22282
EMP_12/3/1/1

CABRILLO BUSINESS PARK BUILDING NO. 4

> HOLLISTER AVENUE GÖLETA, CA.

TITLE 24 ENERGY FORMS

11-18-09 Job :

Drawn by .

est i

OBTAIN AND PAY FOR ALL PERMITS, FEES, CONNECTION CHARGES, AND TEMPORARY SERVICE CHARGES REQUIRED FOR EXECUTION OF WORK. MATERIALS AND INSTALLATION SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND ORDINANCES. COORDINATE FIELD DETAILS WITH OTHER TRADES TO AVOID CONSTRUCTION DELAYS AND MAINTAIN REQUIRED CLEARANCES. BURIED BLACK STEEL PIPE SHALL BE FACTORY WRAPPED WITH PROTECTIVE SYMBOL SITUAL ABREV DESCRIPTION OF FLASHING AND CONTENT OF STATE OF SIMILAR TO "SCOTCHWRAP NO. 51". SYMBOL SERVICE CHARGES REQUIRED FOR EXECUTION OF WORK. SYMBOL ABREV DESCRIPTION OF CONDENS AND CONDINATE INSTALLATION OF FLASHING AND CONDENS AND STATE OF SERVICE CHARGES REQUIRED FOR ALL ROOF PENETRATIONS FOR VENTS, PIPES, AND FLUES. COORDINATE FIELD DETAILS WITH OTHER TRADES TO AVOID CONSTRUCTION PURGE ALL WATER AND GAS LINES BEFORE FINAL INSPECTION. CW COLD W

TEST ALL WATER SYSTEMS AT HYDROSTATIC PRESSURE OF NOT LESS THAN 150 PSIG, WITH 5 PSIG PERMISSIBLE DROP AT END OF FOUR HOURS.

FILL ENTIRE WASTE AND VENT SYSTEM WITH WATER TO LEVEL OF HIGHEST VENT STACK, SYSTEM SHALL HOLD WATER FOR TWO HOURS.

TEST RAINWATER SYSTEMS IN SAME MANNER AS WASTE AND VENT SYSTEM. TEST FUEL GAS PIPING WITH AIR AT A PRESSURE OF NOT LESS THAN 10 PSIG FOR A MINIMUM OF 15 MINUTES WITH NO PERCEPTIBLE DROP IN PRESSURE.

UPON COMPLETION OF WORK, ALL CHANGES SHALL BE NOTED ON A NEW SET OF PRINTS AND DELIVERED TO THE ARCHITECT.

TESTS MUST BE PERFORMED AND SYSTEMS APPROVED PRIOR TO PAINTING, COVERING, INSULATING, FURRING, OR CONCEALING PIPING.

| | | | |
|----------|------------|--------------------------------|-----|
| SYMBOL | ABREV | DESCRIPTION | |
| | D | CONDENSATE DRAIN PIPE | |
| — G — | G | GAS PIPE | |
| | CW | COLD WATER PIPE | |
| | Н W | HOT WATER PIPE | · V |
| | , W | SANITARY SOIL OR WASTE PIPE | |
| | (E)W | (E)SANITARY SOIL OR WASTE PIPE | |
| | V | VENT PIPE | |
| ф | FCO | FLOOR CLEAN OUT | |
| · — | wco | WALL CLEAN OUT | |
| ↔ | | POINT OF CONNECTION | |
| ₩ | sov | SHUT OFF VALVE | |
| | | | |

Associates Design Planning Engineering 5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453

Δ

Δ.

PLUMBING FIXTURE SCHEDULE

WATER CLOSET (ADA COMPLIANT), "AMERICAN STANDARD" MODEL CADET 3043.102, VITREOUS CHINA, FLOOR MOUNTED, 1.6 GALLON FLUSH, ELONGATED BOWL, 17" RIM HEIGHT, "SLOAN ROYAL" #8111 BÄTTER POWERED FLUSH VALVE, "OLSONITE" #95 OPEN FRONT SEAT (WHITE).

WATER CLOSET, "AMERICAN STANDARD" MODEL MADERA 2234.015, VITREOUS CHINA, FLOOR MOUNTED, 1.6 GALLON FLUSH, ELONGATED BOWL, 14" RIM HEIGHT, "SLOAN ROYAL" #8111 BATTER POWERED FLUSH VALVE, "OLSONITE" #95 OPEN FRONT SEAT (WHITE).

URINAL (ADA COMPLIANT), "AMERICAN STANDARD" MODEL WASHBROOK 6501.010, VITREOUS CHINA, WALL MOUNTED WITH WALL CARRIER, 1.0 GALLON FLUSH VALVE, 15" RIM HEIGHT, "SLOAN" ROYAL #8186-1 BATTER POWERED FLUSH VALVE.

LAVATORY (ADA COMPLIANT), "AMERICAN STANDARD" MODEL OVALYN II,
0497.221, VITREOUS CHINA, UNDER COUNTER MOUNT, "SLOAN" MODEL EBF-85,
BATTERY POWERED BARRIER-FREE FAUCET WITH THERMOSTATICALLY CONTROLLED
MIXING VALVE, SUPPLY WITH CHROME PLATED GRID DRAIN, CHROME PLATED
P-TRAP, BRASS SUPPLY STOPS, AND "BROCAR PRODUCTS, INC." TRAP WRAP KIT
C500R.

MOP SINK, "FAIT" MODEL MSB-2424, 24X24 MOLDED-STONE MOP SINK, COMPLETE WITH P-TRAP AND STAINLESS STEEL GRID DRAIN. "AMERICAN STANDARD" MODEL 8340.243, FAUCET WITH PAIL HOOK, VACUUM BREAKER, 8" CENTERS.

SHOWER(ADA COMPLIANT), "SYMMONS" MODEL 96-500-B30-L-V,
PRESSURE-BALANCE MIXING VALVE WITH SINGLE BLADE LEVER HANDLE AND
ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, DIVERTER WITH INTEGRAL
VOLUME CONTROL, SHOWER HEAD WITH ARM AND FLANGE, WALL/HAND SHOWER
WITH FLEXIBLE METAL HOSE, IN-LINE VACUUM BREAKER, WALL CONNECTION AND
FLANGE, 30" SLIDE BAR FOR HAND SHOWER MOUNTING.

SHOWER DRAIN, "JR SMITH" MODEL 2005, ROUND TO, SIZE 2".

ELECTRIC DRINKING FOUNTAIN, "HAWS" MODEL HWBFABLVRC, DUAL HEIGHT STAINLESS STEEL ELECTRIC WATER COOLER DRINKING FOUNTAIN, POLISHED CHROME BUBBLER, MEETING ADA REQUIREMENTS. INSTALL WITH P-TRAP FOR EACH FOUNTAIN. 120 VOLT, 1 PHASE.

TO FLOOR DRAIN, "JR SMITH" MODEL 2005, ROUND TOP WITH P-TRAP AND TRAP PRIMER FITTING, SIZE 2".

HOSE BIBB, "ACORN" MODEL 8151, SINGLE TEMP HOSE BIBB WITH VACUUM BREAKER IN STAINLESS STEEL VALVE BOX WITH DOOR.

ROOF DRAIN, "JR SMITH" MODEL 1010, SEE ROOF PLAN FOR SIZE.

 $\frac{\overline{OD}}{1}$ OVERFLOW ROOF DRAIN, "JR SMITH" MODEL 1080, SEE ROOF PLAN FOR SIZE.

PLUMBING EQUIPMENT SCHEDULE

WATER HEATER, "QUIETSIDE" MODEL QVM9-150W1-NG, TANKLESS INSTANTANEOUS WATER HEATER, 3.4 GPM AT 70'F TEMP RISE, 135 MBH NATURAL GAS INPUT. OP WT = 60 LBS. ROUTE FLUE VENT THRU EXTERIOR WALL WITH "QUIETSIDE" THROUGH WALL VENT TERMINATOR (3"PVC INTAKE AND FLUE VENT). INSTALL PER MFR'S REQUIREMENTS.

SEISMIC SHUTOFF VALVE, "STRAND" MODEL 315, SIZE 3", CA-DSA#45R-113R, 7 PSI MAX. PRESS.

TRAP PRIMER, "PPP INC." MODEL PR-500 WITH DISTRIBUTION UNIT AS REQUIRED FOR QUANTITY OF TRAPS SERVED. LOCATE BEHIND ACCESS DOOR

IN WALL ADJACENT TO FLOOR DRAIN.

WATER HAMMER ARRESTOR, "PPP INC." SC SERIES, LOCATE AT END OF MAIN LINE SERVING TOILET ROOMS, FULL SIZE OF LINE SERVING TOILET ROOMS.



MINIMUM CONNECTION SIZES

| FIXTURE | s/w | VENT | DRAIN | COLD WATER | HOT WATER | |
|-------------------------------|-----|--------|-------|---------------|--------------|--|
| WATER CLOSET (FLUSH VALVE) | 4" | 2" | _ | 1-1/2" | _ | |
| URINAL | 2" | 1-1/2" | - | 1" | _ | |
| LAVATORY | 2" | 1-1/2" | _ | 1/2" | 1/2" | |
| SHOWER | 2" | 1-1/2" | _ | 1/2" | 1/2" | |
| MOP SINK | 3" | 2* | _ | 3/4" | 3/4" | |
| DRINKING FTN | 2" | 1-1/2" | _ | 1/2" | _ | |
| | | | | | | |

CABRILLO
BUSINESS PARK
BUILDING NO. 4

GENERAL NOTES

- COORDINATE PIPING SYSTEMS WITH CIVIL PLANS, PAY ALL FEE REQUIRED FOR CONNECTION TO UTILITIES. COORDINATE UTILITY SERVICES WITH LOCAL UTILITY COMPANIES.
- DISINFECT POTABLE WATER PIPING IN ACCORDANCE WITH SECTION 609.9 OF CPC, 2001 EDITION.

LEGEND, SCHEDULES, AND NOTES

HOLLISTER AVENUE GOLETA, CA.

lob : #### Prawn by :

Sheet :

P_

BY THE ARCHITECT DOES NOT CHANGE THIS REQUIREMENT. NO PRODUCT WILL BE ACCEPTED ON JOB SITE WITHOUT PRIOR APPROVAL.

DRAWINGS SHOW PIPE DIAGRAMMATICALLY.

ADHERE TO DRAWINGS AS CLOSELY AS POSSIBLE IN LAYING OUT WORK.

VARY RUN OF PIPING, AND MAKE OFFSETS DURING PROGRESS OF WORK AS REQUIRED TO MEET STRUCTURAL AND OTHER INTERFERENCES AS APPROVED BY ARCHITECT.

EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.

VERIFY AND COORDINATE LOCATION OF ALL PLUMBING LINES WITH DUCTWORK AND

PAY COST OF DESIGN AND INSTALLATION FOR CHANGES RESULTING FROM

SUBSTITUTION OF ALTERNATE PRODUCTS. ACCEPTANCE OF ALTERNATE PRODUCTS

ALL VENTS THROUGH ROOF SHALL BE 10'--0" REMOVED FROM ALL AIR INTAKES, WINDOWS, AND OPENINGS INTO THE BUILDING. TIE VENTS TOGETHER SO THAT A MINIMUM NUMBER TERMINATE THROUGH THE ROOF.

INSTALL ALL HOT WATER PIPING WITH 1 INCH THICK FIBERGLASS INSULATION WITH FACTORY JACKET AND "ZESTON" FITTINGS.

ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED.

INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.

PIPING SHALL NOT PASS THROUGH FOOTINGS. ALL PIPES SHALL BE RUN ABOVE FOOTING, UNLESS OTHERWISE SHOWN ON PLANS. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS.

ALL WATER PIPING BELOW GRADE THAT IS UNDER PRESSURE SHALL HAVE A MINIMUM COVER OF 30".

EXTEND ALL CONDENSATE AND INDIRECT DRAIN LINES FROM EQUIPMENT TO FLOOR SINKS OR OTHER APPROVED FIXTURES.

TERMINATE ALL WATER AND GAS ROUGH-INS WITH SHUT-OFF VALVES BEFORE CONNECTING TO EQUIPMENT AND FIXTURES.

CUTTING, WHEN REQUIRED, SHALL BE SUBJECT TO APPROVAL BY ARCHITECT.

BIND SUBMITTAL IN BOOKLET FORM. SUBMIT SHOP DRAWINGS, BROCHURES AS FOLLOWS:

A. PIPE FITTINGS AND INSULATION.

B. FIXTURES AND EQUIPMENT.

C. VALVES

SEAL PIPES PASSING THROUGH FIRE RATED WALLS WITH APPROVED FIRE STOP MATERIAL.

PIPE AND FITTINGS SHALL BE AS FOLLOWS:

SERVICE SPECIFICATIONS SIZE GAS SCHEDULE 40 BLACK SEAMLESS STEEL, ASTM A106 OR A53, GRADE A OR B. FITTINGS: 150 LB. BLACK MALLEABLE IRON, SCREWED, ASTM A338. VENT 2-1/2" SCHEDULE 40 GALVANIZED BUTT WELD STEEL, ASTM A120. FITTINGS: 150 LB. GALVANIZED COPPER TUBING TYPE L ASTM B88. FITTINGS: CAST CW. HW ALL BRONZE OR WROUGHT COPPER SOLDER. HUBLESS CAST IRON SERVICE WEIGHT PIPE AND WASTE, RWL FITTINGS WITH NEOPRENE COUPLINGS AND CORRUGATED STAINLESS STEEL BANDS.

HANGERS AND SUPPORTS SHALL BE DESIGNED TO SUPPORT WEIGHT OF PIPE, WEIGHT OF FLUID, AND WEIGHT OF PIPE INSULATION.

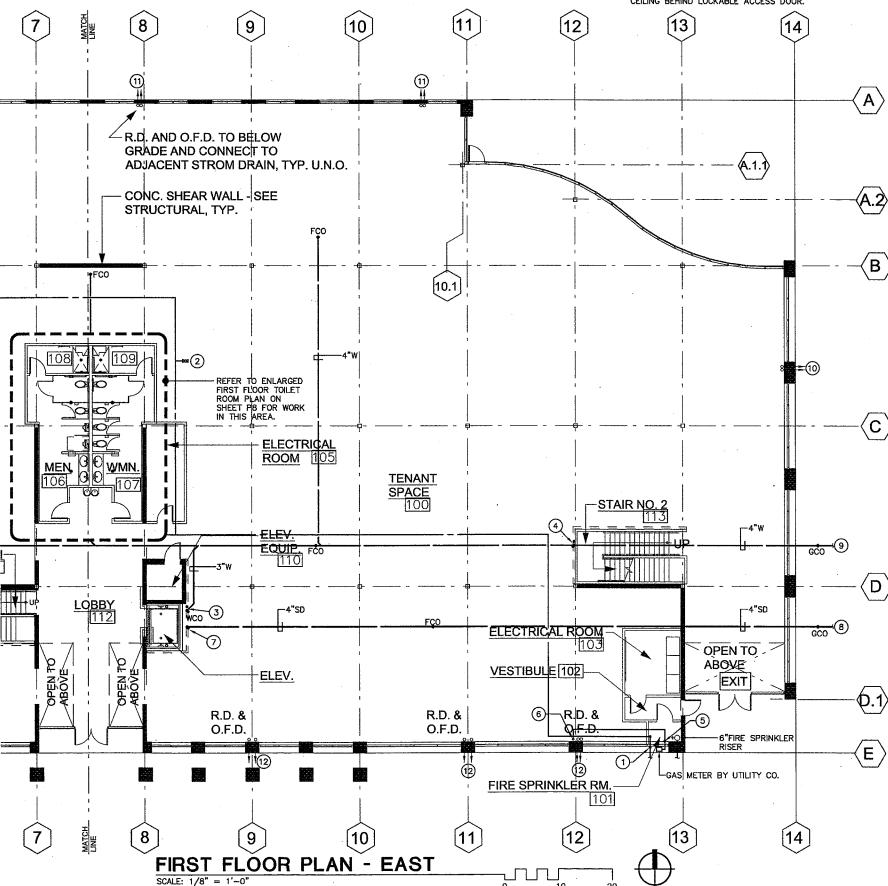
PROVIDE EACH HANGER OR CLAMP WITH AN ISOLATION MATERIAL, HAVING A METAL BACKING, TO ISOLATE SOUND VIBRATION AND ELECTROLYSIS. ISOLATOR NOT REQUIRED FOR SOIL, WASTE, VENT OR FUEL GAS PIPING.

INSULATED PIPING SHALL HAVE A SADDLE INSTALLED AT EACH HANGER OR SUPPORT. SIZE SADDLES FOR PIPE DIAMETER AND FOR INSULATION THICKNESS.

BURIED CAST IRON PIPE SHALL BE COATED WITH ASPHALTUM VARNISH OR SIMILAR COATING STANDARD OF PIPE MANUFACTURER. $\begin{tabular}{ll} \hline \end{tabular}$

GENERAL NOTES

- (A) REFER TO WASTE & VENT PIPING RISER DIAGRAM ON SHEET P-5 FOR PIPE SIZES.
- $\begin{tabular}{lll} \hline B \\ \hline & PIPING \\ \hline$
- © INSTALL INDIVIDUAL SOV FOR EACH TOILET RM ABOVE CEILING BEHIND LOCKABLE ACCESS DOOR.



HEFERENCE NOTES

- $\fbox{1}$ 2-½"CW RISER WITH SOV AND PRESSURE REGULATOR SET AT 80 PSI MAX.
- 2 4"CW STUBOUT WITH SOV FOR FUTURE.
- (3) 3"W UP TO 2ND FLOOR PLBG FIXTURE.
- (4) STUB-OUT 3"W & 2"V BELOW 2ND FLOOR AND ABOVE 1ST FLOOR CEILING FOR FUTURE 2ND FLOOR PLBG FIXTURES.
- (5) GAS PIPE UP TO 1ST FLOOR CEILING, OFF SET WITH RISER TO 2ND FLOOR.
- (6) GAS PIPE UP TO 2ND FLOOR.
- 7) REFER TO ARCH PLANS FOR FRENCH DRAIN AROUND ELEVATOR.
- (B) 4"PVC FRENCH DRAIN BELOW GRADE, REFER TO CIVIL PLANS FOR EXTENSION TO STORM DRAIN SYSTEM
- (9) 4"BLDG SEWER BELOW GRADE. REFER OT CIVIL PLANS FOR CONTINUATION.
- (10) 3"ROOF DRAIN RAIN WATER LEADER (RWL) BELOW GRADE TO STORM DRAIN. DISCHARGE 3"OVER FLOW ROOF DRAIN RWL 1"BEYOND EXTERIOR WALL, 6"ABV. GRADE.
- (1) 4"ROOF DRAIN RAIN WATER LEADER (RWL) BELOW GRADE TO STORM DRAIN. DISCHARGE 4"OVER FLOW ROOF DRAIN RWL 1"BEYOND EXTERIOR WALL, 6"ABV. GRADE.
- (12) 4"ROOF DRAIN RAIN WATER LEADER (RWL) BELOW GRADE TO CURB FACE. DISCHARGE 4"OVER FLOW ROOF DRAIN RWL 1"BEYOND EXTERIOR WALL, 6"ABV. GRADE.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 618.706.3997 Fax 818.706.2453



THE DOCUMENT, AND THE IDEAS AND DESIGNE PROPER AS AN INSTRUMENT OF PROPERSONAL, PROPER BY REPORTENT OF JAID & ASSOCIATIOS AND AND IS NOT TO BE USED, IN WHOLE OF IN PART, FUR ANY PROPERTY WHITCH'S THE WINTERS ANY PROPERTY

FUNDA ASSOCIATES SO.

A.



CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENL GOLETA, CA.

FIRST FLOOR PLAN - EAST

Date : 11-18-09

Drawn by

Sheet :

P_2

GENERAL NOTES (A) REFER TO WASTE & VENT PIPING RISER DIAGRAM ON SHEET P-5 FOR PIPE SIZES. B REFER TO GAS PIPING RISER DIAGRAM ON SHEET P-6 FOR PIPE SIZES. © INSTALL INDIVIDUAL SOV FOR EACH TOILET RM ABOVE CEILING BEHIND LOCKABLE ACCESS DOOR. [5] 2 3 ` 6 8 FOR THIS ROOF DRAIN, SEE SHEET P2 $\langle \mathsf{A} \rangle$ $\stackrel{\textstyle \angle}{}$ R.D. AND O.F. $\langle A.1 \rangle$ GRADE AND (**ADJACENT ST** EXIT OPEN TO CONC. SHEAF ABOVE ` STRUCTURAL $\langle B \rangle$ ₱FC0 STAIR NO. 3 HSS COL. TO ROOF, TYP. REFER TO ENLARGED FIRST FLOOR TOILET ROOM PLAN ON SHEET P8 FOR WORK IN THIS AREA. (c)**TENANT** SPACE 100 FCO STAIR NO. 1- $\langle \mathsf{D} \rangle$ 2 WC R.D. & R.D. & R.D. & O.F.D. O.F.D. O.F.D. **'**'⊕ 4 2 8 FIRST FLOOR PLAN - WEST

REFERENCE NOTES

- 1) 34"CW STUBOUT WITH SOV FOR FUTURE.
- ② STUB-OUT 3"W & 2"V BELOW 2ND FLOOR AND ABOVE 1ST FLOOR CEILING FOR FUTURE 2ND FLOOR PLBG FIXTURES.
- (3) 4"ROOF DRAIN RAIN WATER LEADER (RWL) BELOW GRADE TO STORM DRAIN. DISCHARGE 4"OVER FLOW ROOF DRAIN RWL 1"BEYOND EXTERIOR WALL, 6"ABV. GRADE.
- 4"ROOF DRAIN RAIN WATER LEADER (RWL) BELOW GRADE TO CURB FACE. DISCHARGE 4"OVER FLOW ROOF DRAIN RWL 1"BEYOND EXTERIOR WALL, 6"ABV. GRADE.



Design Planning Engineering

5376 N. Sterling Center Drive Westtake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





 \triangle .



CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

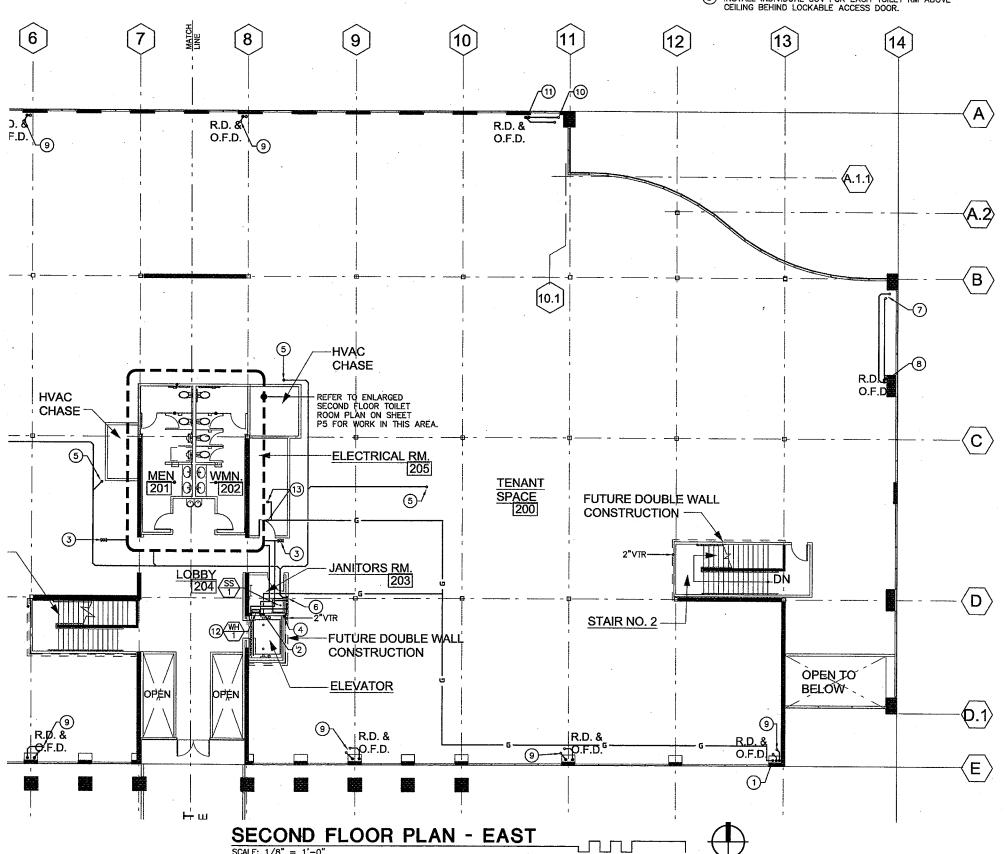
FIRST FLOOR PLAN - WEST

11-18-09

RMA

GENERAL NOTES

- \bigodot refer to minimum connection size table on sheet P-1 for individual fixture PIPE sizes.
- $\begin{picture}(60,0)\put(0,0){\line(1,0){10}}\put(0,0){\line(1,0){10}$
- © REFER TO GAS PIPING RISER DIAGRAM ON SHEET P-6 FOR PIPE SIZES.
- (D) INSTALL INDIVIDUAL SOV FOR EACH TOILET RM ABOVE CEILING BEHIND LOCKABLE ACCESS DOOR.



REFERENCE NOTES

- (1) GAS PIPE UP FROM 1ST FLOOR TO ROOF STRUCTURE. SUSPEND FROM ROOF STRUCTURE IN ROUTE TO GAS APPLIANCES.
- (2) GAS PIPE DOWN IN WALL TO WATER HEATER. CONNECT TO WH WITH FLEXIBLE PIPE CONNECTOR AND SOV.
- (3) 34"CW STUB-OUT FOR FUTURE.
- (4) 3"W DOWN TO 1ST FLOOR.
- (5) 1-%*COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT.
- $\ensuremath{\bigcirc}$ 1–½"COPPER COMBINED CONDENSATE DRAIN DOWN IN WALL TO MOP SINK.
- 7 3"RAIN WATER LEADER (RWL) UP THRU ROOF TO ROOF DRAIN AND OVERFLOW ROOF DRAIN. OFFSET RWL's AT χ'' PER FOOT SLOPE AND SUPPORT FROM ROOF STRUCTURE IN ROUTE TO DROPS SHOWN.
- (8) 3"RWL's DOWN TO 1ST FLOOR.
- (9) 4"RWL's UP THRU ROOF TO ROOF DRAIN AND OVERFLOW ROOF DRAIN. OFFSET RWL's AND DROP TO 1ST FLOOR.
- (1) 4"RWL's UP THRU ROOF TO ROOF DRAIN AND OVERFLOW ROOF DRAIN. OFFSET RWL's AT X" PER FOOT SLOPE AND AND SUPPORT FROM ROOF STRUCTURE IN ROUTE TO DROPS
- (11) 4"RWL's DOWN TO 1ST FLOOR.
- 12 INSTALL TANKLESS WATER HEATER WITH CARTRIDGE WATER FILTER IN CW SUPPLY UP STREAM OF WH. INSTALL WITH PRESSURE RELIEF VALVE AND *X"COPPER DRAIN TO MOP SINK. ROUTE PVC FLUE VENT AND COMBUSTION AIR INTAKE UP THRU ROOF WITH CONCENTRIC FITTING PER MFR'S REQUIREMENTS. ROUTE 1"H&CW PIPING TO WH.
- (13) GAS PIPE UP THRU ROOF TO SPACE HTG BOILER.



Planning Engineering

5376 N. Sterling Center Drive Westlake VIIIage, CA 91361 Phone 818.706.3997 Fax 818.706.2453





 \triangle .

△.

CABRILLO BUSINESS PARK BUILDING NO. 4

SECOND FLOOR PLAN - EAST

11-18-09

RMA

(A) REFER TO MINIMUM CONNECTION SIZE TABLE ON SHEET P-1 FOR INDIVIDUAL FIXTURE PIPE SIZES. $\begin{picture}(60,0)\put(0,0){\line(0,0){10}}\put(0,0){\line(0,0){10}$ \bigodot refer to gas piping riser diagram on sheet P–6 for pipe sizes. D INSTALL INDIVIDUAL SOV FOR EACH TOILET RM ABOVE CEILING BEHIND LOCKABLE ACCESS DOOR TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL T 5 2 3 4 $\langle A \rangle$ R.D. & O.F.D. 3 R.D. & O.F.D. 3 R.D. & O.F.D. 3 R.D. & O.F.D. OPEN TO BELOW FUTURE DOUBLE WALL CONSTRUCTION $\langle \mathsf{B} \rangle$ \perp STAIR NO. 3 HVAC CHASE $\langle \mathbf{c} \rangle$ 2 TENANT SPACE 200 REFER TO ENLARGED SECOND FLOOR TOILET ROOM PLAN ON SHEET P5 FOR WORK IN THIS AREA. STAIR NO. 1- $\langle D \rangle$ (0.1)R.Ø. & Ø.F.D. 스 유 유 SECOND FLOOR PLAN - WEST SCALE: 1/8" = 1'-0"

GENERAL NOTES

REFERENCE NOTES

- 1) 34"CW STUB-OUT FOR FUTURE.
- 2 1-%"COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT.
- (3) 4"RWL's UP THRU ROOF TO ROOF DRAIN AND OVERFLOW ROOF DRAIN. OFFSET RWL's AND DROP TO 1ST FLOOR.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





Δ.

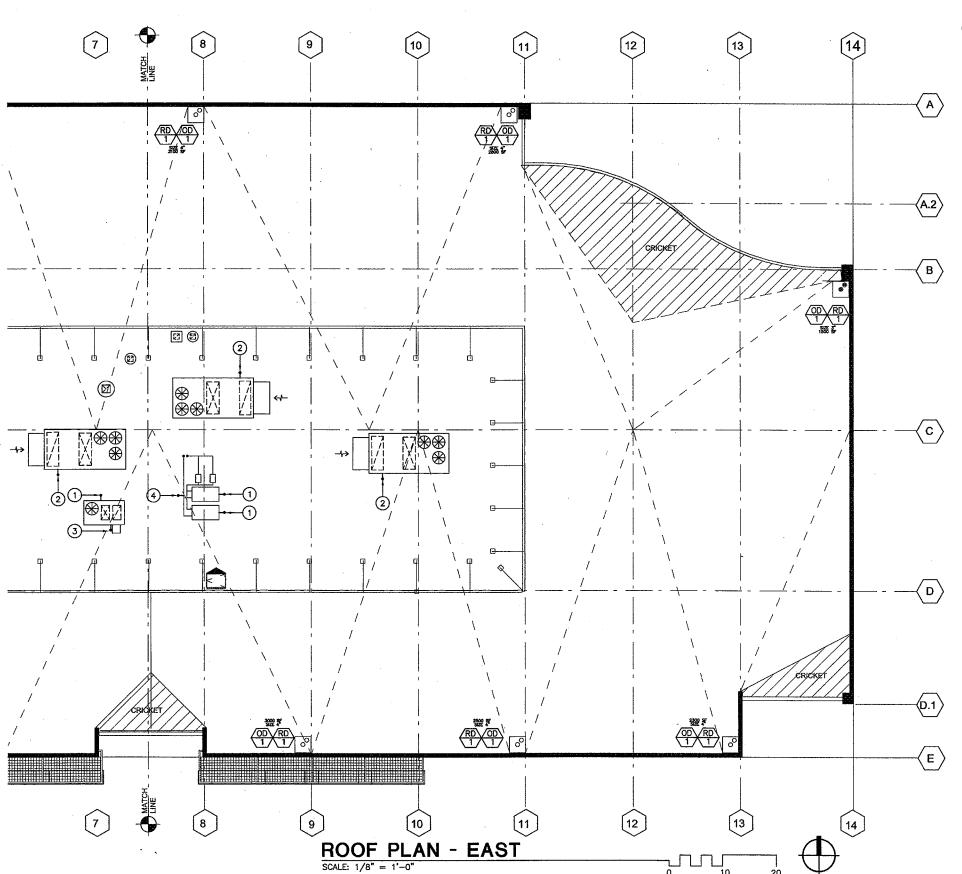
CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

SECOND FLOOR PLAN - WEST

11-18-09

RMA



HEFERENCE NOTES

- (1) GAS PIPING UP THRU ROOF TO ROOFTOP AC UNIT/BOILER. CONNECT TO GAS FIRED APPLIANCE WITH FLEXIBLE PIPE CONNECTOR AND SOV.
- (2) 1-%"COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT. CONNECT TO UNIT WITH P-TRAP AND VENT.
- 3 1"COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT. CONNECT TO UNIT WITH P-TRAP AND VENT.
- (4) %"CW UP THRU ROOF TO BOILER MAKEUP WITH REDUCED PRESSURE BACKFLOW DEVICE AND SOV.

Design
Planning
Engineering
5376 N. Sterling Center Drive
Westlake Villege, CA 91361
Phone 818.706.2453
Fax 818.706.2453

Associates



THE DOCUMENT, AND THE MEAS AND DESIGNAL METERS OF BETTHARDST OF PROPERCIAL SERVICES, IS THE PROPERTY OF JULY - AND CARLOUATES NO. AND B. NOT TO BE USED, IN WINCES OR IN PART, FOR ANY PROJECT WITHOUT THE WINDOWS AUTHORIZATION OF JULY - ANDODOATES NO.

Revisions

.

△.

ONTEGEN.



CABRILLO BUSINESS PARK BUILDING NO. 4

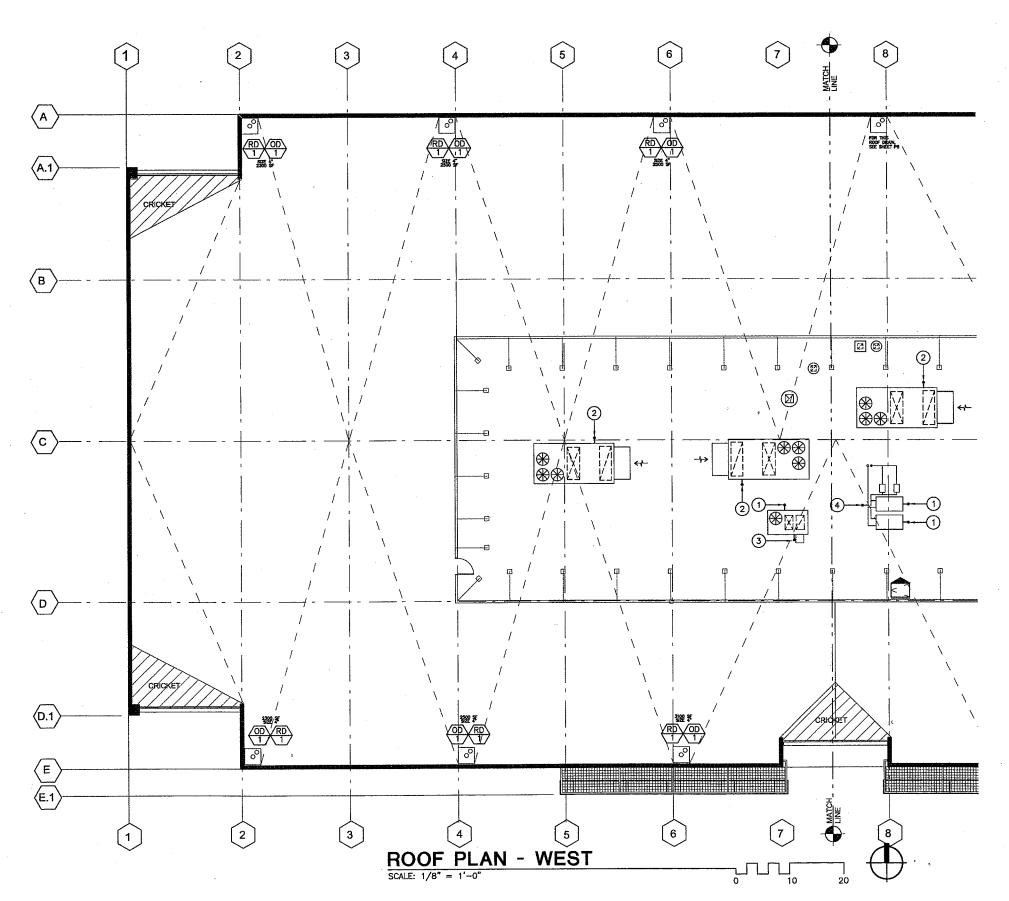
HOLLISTER AVENUE GOLETA, CA.

ROOF PLAN - EAST

11-18-0

rann by:

neet :



REFERENCE NOTES

- (1) GAS PIPING UP THRU ROOF TO ROOFTOP AC UNIT/BOILER. CONNECT TO GAS FIRED APPLIANCE WITH FLEXIBLE PIPE CONNECTOR AND SOV.
- (2) 1-%"COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT. CONNECT TO UNIT WITH P-TRAP AND VENT.
- 3 1"COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT. CONNECT TO UNIT WITH P-TRAP AND VENT.
- 4 %"CW UP THRU ROOF TO BOILER MAKEUP WITH REDUCED PRESSURE BACKFLOW DEVICE AND SOV.



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453



THE DOCUMENT, AND THE SELIA AND DISCUSS HOME AND ADDRESS OF PROPERTY AND A ASSOCIATED NO. WHICH OF A REPORT AND A MEDICANTED NO. WHICH OF HE PART FOR MY PROJECT WITHOUT THE WHITTER ANY PROJECT WITHOUT THE WHITE WAS AND DESCRIPTION OF ALLOW A MERCOALTRE BY

7.



CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

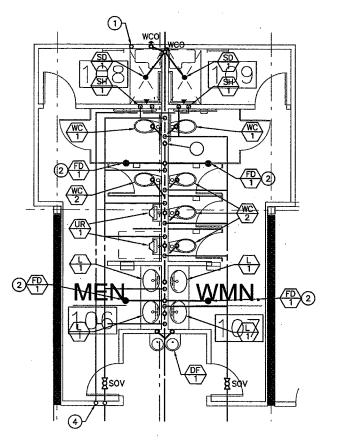
ROOF PLAN - WEST

Date:

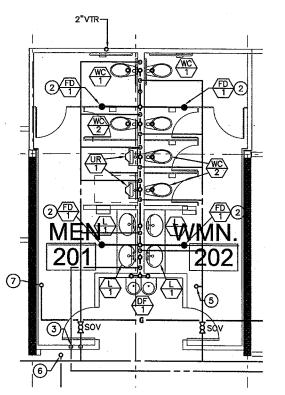
٠ طما

Drawn by .

Sheet



ENLARGE FIRST FLOOR TOILET ROOM PLAN SCALE: 1/4" = 1'-0"



ENLARGE SECOND FLOOR TOILET ROOM PLAN

REFERENCE NOTES

- (1) STUB-OUT AND CAP 3"W AND 2"V PIPING BELOW 2ND FLOOR AND ABOVE FUTURE 1ST FLOOR CEILING FOR FUTURE 2ND FLOOR PLBG FIXTURES.
- (2) ROUTE CW SUPPLY TO FLOOR DRAIN P-TRAP FROM TRAP PRIMING DEVICE. LOCATE TRAP PRIMER IN WALL BEHIND LOCKABLE ACCESS DOOR.
- 3 2"CW AND 1"HW DOWN TO 1ST FLOOR.
- 4 2"CW AND 1"HW UP TO 2ND FLOOR.
- $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(5)\end{picture}$ $\begin{picture}(6)\end{picture}$ \beg
- (6) 1*COPPER CONDENSATE DRAIN UP THRU ROOF TO ROOFTOP AC UNIT.
- (7) GAS PIPE UP THRU ROOF TO ROOFTOP AC UNIT.

GENERAL NOTES



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453



 \triangle .

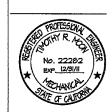
 \triangle .

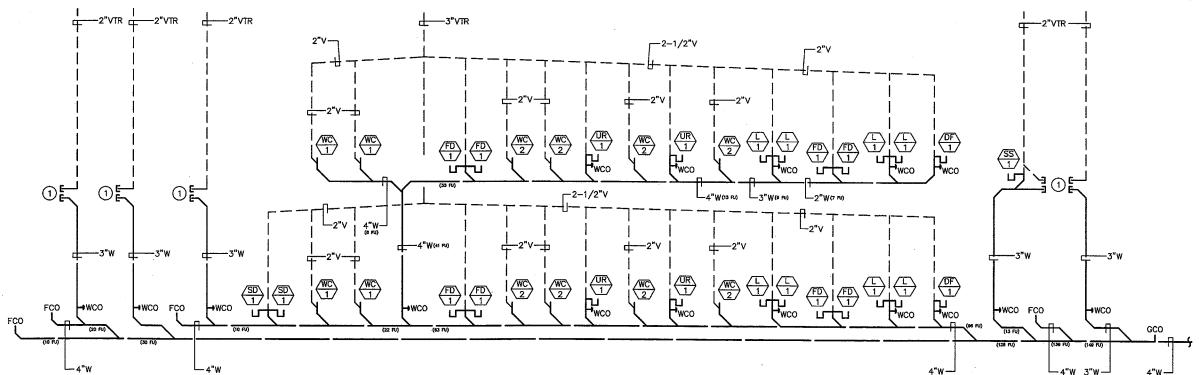
© REFER TO GAS PIPING RISER DIAGRAM ON SHEET P-6 FOR

 $\begin{tabular}{lll} \hline B \\ \hline & REFER TO WASTE & VENT PIPING RISER DIAGRAM ON SHEET P-5 FOR PIPE SIZES. \\ \hline \end{tabular}$

(A) REFER TO MINIMUM CONNECTION SIZE TABLE ON SHEET P-1 FOR INDIVIDUAL FIXTURE PIPE SIZES.

(D) INSTALL INDIVIDUAL SOV FOR EACH TOILET RM ABOVE CEILING BEHIND LOCKABLE ACCESS DOOR.





WASTE AND VENT PIPING RISER DIAGRAM

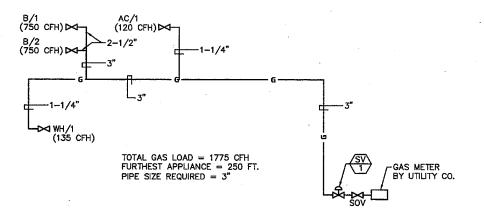
NOTE: SLOPE ALL DRAIN PIPING AT MINIMUM 1/4" PER FOOT

P-8

CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

ENLARGED TOILET RM PLANS AND PIPING RISER DIAGRAM



GAS PIPING RISER DIAGRAM

NO SCALE

UTILITY LOADS

WATER:

| | | FIXTURE U | NITS | TOTA | AL UN | T: |
|----------|----------|-----------|-------|------|-------|----|
| QUANTITY | FIXTURE | · CW | | | CW | |
| 12 | WC (FV) | 4 | | = | 48 | |
| 8 | LAV | 1 | | = | 8 | |
| 4 | URINAL | 2 | | = | 8 | |
| 2 | SHOWER | 2 | | = | 4 | |
| 1 | MOP SINK | 3 | | = | 3 | |
| 4 | DRKG FTN | 1 | | = | 4 | |
| | | | TOTAL | = | 75 | |
| | | | | | | |

PLBG FIXTURES = 75 FU + 25 FU (FUTURE) = 68 GPM

TOTAL DEMAND - 68 GPM CALC BASED ON 2" METER AND 2-1/2"CW MAIN, 2-1/2" REDUCED PRESSURE BACKFLOW DEVICE

| AVAILABLE PRESSURE | = | 80 PS |
|---|---|-------|
| LOSS THRU METER | = | 2 PS |
| LOSS THRU BACKFLOW DEVICE | = | 12 PS |
| LOSS THRU PRV | = | 6 PS |
| ELEVATION LOSS = $14 \text{ FT } \times 0.43$ | = | 6 PS |
| RESIDUAL PRESSURE (FLUSH VALVE) | = | 25 PS |
| PRESSURE AVAILABLE FOR LOSS | = | 29 PS |

FRICTION LOSS/100 FT = 29 PSI/100 FT
FRICTION LOSS = 29 PSI/300 FT X 100 FT = 9.67 PSI
WATER METER SIZE = 2"
BLDG WATER SUPPLY SIZE = 2-1/2"
BUILDING SEWER SIZE = 4"

| PIPE SCH | HEDULE | (FU) | | | |
|--|--|-----------------------------|--|---------------------------------------|---------------|
| SIZE | F.T. | F.V. | HW | GPM | FPS |
| 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" | 3 12 27 56 104 260 474 | - 14 35 136 358 | 3 9 17 29 48 120 246 | 3 9 18 31 44 77 118 | 5 6 8 8 8 8 8 |
| | | | | | |



Design Planning Engineering

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818.706.3997 Fax 818.706.2453





Kealpintip

Δ.



CABRILLO BUSINESS PARK BUILDING NO. 4

HOLLISTER AVENUE GOLETA, CA.

PIPING RISER DIAGRAM AND WATER SIZING CALCULATION

Date :

II-18-09

Drawn by : RMA

heat :

GENERAL NOTES

- * THE WORK DORN LINES THE SECTION ROLLING HE PARESHED OF ALL LABOR AND MATERIALS FOR THE COMPUTE INTALLATION OF RECITION, STYLING AND RECITION, MATERIAL TO, AND AND ADDRESS OF THE SENSOR DESTROY OF RETITION

- GHAL DE FARELARE WITH ALL LOCAL CODES HAVES JERROCTTON, AND SHALL DEFENSIVE THE ERABISHES AND REPORTATIONS AND WITH THE THRESHOUTH AND WITH THE THRESHOUTH AND THE PROPERTY HAT ALL STREET OF CHARGE WITH THOSE CODES HAVES JERROCTTON. BY THE ACT OF SHEATTHE A DO. THE REDUTENCIAL CONTINUOUS WALL BE DESIRED TO HAVE ACCOUNTED SHOULD COOK TO THE SHEAT HAVE ACCOUNTED SHOULD CONTINUOUS THE SHEAT HAVE ACCOUNTED SHOULD BE AND THE SHEAT HAVE ACCOUNTED TH

- 11. VERFY THAT A PERMANENT MEANS OF ACCESS TO ALL REGISTROALLY OPERATED BOUR

- 19. THE RESOTTIONAL CONTINUOUS SHALL RECORDE, STORE, AND RESTALL ALL LIGHTING POTLINGS, LAMPS, APPLIANCES AND THE RESOTTIONAL STATES PURSUISD BY CHIEF.
- 14. IN THE EMBIT OF PARLIER OF MAY ELECTROAL WORK DURING THE LIFE OF THE GLAMMATER. THE BLECTROAL CONTRACTOR SHALL REVINE OR REPLACE THE DEFICITION WORK AND SHALL RESCHE, REPLACE OR RESTORE, AT BOO COST TO THE CHIRCH, ANY PART OF THE STRUCTURE OR BLEEDING WHICH SAY SE CAMMAD AS THE DIRECT RESELT.
- S. ALL CONDUCTORS SHALL SE COPPER WITH THEM/THEM SIGULATION, UNLINE CHARMING SHALL SE CONDUCTOR THEMSHATIONS SHALL SE
- 18. ALL METALLIC GAS AND/OR WATER PIPES WHICH PAGE IN CLOSE PRODUCTY TO THE SECURICAL COMPUTE, CUTLETS, EQUIPMENT, ETC. SHALL BE SOMED TO THE SECURICAL
- 17. ALL BLECTHICAL ECUPMENT, FUNDS AND CHOLIT BREAKING SHALL HAVE AN INTERNUTTION RATING OF NOT LIBSS THAN THE MAXIMUM SHORT CIRCUIT QUIRERIT TO WHICH THEY MAY
- 19. THE BLEDTHOAL EQUIPMENT SHALL BE TEETED AND SE PLACED IN WORKING ORDER BEFORE THE SETTLALTION SHALL BE COMMONING DOMESTIC. ALL PARTS OF THE BLCTREAK, INVESTIG SHALL BE COMMONING TO PREMIORITY HE BLCCHECK PRINCIPLE OF SHALL PRINCIPLE S
- 21. ALL DEFORMATION CONTAMED ON THE DRAWNING AND SECURIOATIONS AND BASED ON SECURIOATION PURPOSED BY OTHERS. AUTHOUGH THERE IS NO SEASON TO DOUGH THE COURT OF THE PURPOSE OF THE RESIDENCE OF THE PURPOSE OF THE PURPOS
- ALL ELECTROM. CUTLETS, SOTTORS, DENOES, AFFAMATUR, SQUPMENT, PRITIES AND APPLICACES, WHETHER SOTTALED BY THE OF BY OTHER TRACES, SHALL BE FALLY CONTINUATED AND LEFT IS OFFENTION CONTINUATED BY THE EXCITED CONTINUATION AND LEFT IS OFFENTION CONTINUE. SET OFFENTION CONTINUES OF SETCOMATION OF SETCOMATION CONTINUES.

- 28. WHERE PAIN. COMMITTIONS ARE TO BE MADE TO BOUNDARY PURPOSED BY OTHER THACKS, CETAGY THE RECISION ROUGHLY DISEMBLES AND COMMITTION DAMBAGES AND THE REPORT OF THACKS FOR EACH THEK, AND ASSISTE FULL INSPONSIBILITY FOR THE CHICAL PROPERTY OF THE CONTRACT OF THE CONDUST AND WEST.
- SA. ALL PANELHOADES SHALL BE DEAD FRONT SAFETY TYPE WITH COPPER BLUSSING, AN WITH MANY AND BRANCHES AS ESCOUTED ON THE DALWINGS. PANELS SHALL HAVE LOCKED DOORS AND DESCRIPTLY WASHING WITH VARIANCE DESCRIPTION DESCRIPTION.
- 26. THE ELECTRICAL CONTRACTOR SHALL CETAM AND PAY ALL COSTS FOR PURSUES AND REPROTECTION AUTHORITIES.
- 36. THE RESTRICAL CONTRACTOR SHALL COCKDINATE ALL CUITLET LOCATIONS AND REQUIREMENTS OF ALL TELEPHONE AND OTHER GROWL SYSTEMS WITH THE TENANT
- 27. PURNEY THE CHINER UPON COMPLETION OF ALL WORK A "CERTIFICATE OF PINAL IMPROVIOUS PROPERTY OF THE LOCAL IMPROVIOUS AUTHORITY."
- 39. THE BLECTROAL CONTRACTOR SHALL CARRY OUT HIS WORK IN ACCORDANCE WITH ALL CODER, BALES AND RESILATIONS OF SOVERHIES ASSIGNES HAVING JURISCOTTON ALL OF WHICH ARE HERBEY MADE A PART OF THE FLAME AND SECURIORISM.
- SS. THESE PLANS AND SUBJECT TO THE APPROVAL BY THE DEPARTMENT OF BUILDING
- SO. THERE ARE NO AREAS WITHIN THE SCOPE OF THE PROJECT CLASSIFIED AS HAZARDOUS INDEX ARTICLE SOS OF THE MATCHINE, BLECTRICAL, COOK.
- 31. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE COMPARTS METALLATION AND REATLE ALL PREDERRY, STUDY, SLEEVER, SACRECARDS, ETC. REP.
- SE. SACH AR CONDITIONING UNIT SHALL HAVE THAT CLOCK CONTROL. SHE THE MICHANICAL DRAWNING FOR CONTROL SECLEDIALISM.
- SR. ALL RECEPTACLES IN SATISFACOM AVEAS TO HAVE GROUND PAULT PROTECTION.
- 31. NO ELECTRICALLY OPERATED EQUIPMENT SHALL HE MORE THAN THEMTY-PINE PIET (SET

| | | j | SHEET INDEX | JDO Dyer |
|------------------|----------------------------|-----------------|----------------------------------|--|
| LATEST CHANGE | ISSUED WITH THIS SET | SHEET NUMBER | SHEET TITLE | |
| | 0 | E-1.0 | GENERAL NOTES AND SYMBOLS LIST | Atalalas İspanis |
| | • | E-2.0 | FIRST FLOOR PLAN | . " |
| | 0 | E-2.1 | FIRST FLOOR EGRESS PATH LIGHTING | 5376 N. Sterling Center Driv Westloke Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453 |
| | | | PHOTOMETRIC PLAN | |
| | 0 | E-3.0 | SECOND FLOOR PLAN | |
| | 0 | E-3.1 | SECOND FL. EGRESS PATH LIGHTING | |
| | | | PHOTOMETRIC PLAN | |
| | 0 | E-4.0 | ROOF PLAN | |
| | 0 | E-5.0 | SERVICE DETAILS |] |
| | 0 | E-5.1 | PANEL SCHEDULES | |
| | 0 | E-6.0 | DETAILS |] |
| | 0 | E-7.0 | TITLE 24 - INTERIOR | |
| | 0 | E-7.1 | TITLE 24 - INTERIOR | |
| | 0 | E-7.2 | TITLE 24 - EXTERIOR | |
| | 0 | E-8.0 | PARTIAL SITE LIGHTING PLANS | |
| | 0 | E-8.1 | FIRST FLOOR PARTIAL SITE | AND THE |
| | | | PHOTOMETRIC PLAN | of stringer ist. |
| | 0 | E-8.2 | SECOND FLOOR PARTIAL SITE | Revisions |
| | | | PHOTOMETRIC PLAN | |
| | | | | |
| | | | | |
| | | | | |
| | <u> </u> | | | |
| | <u> </u> | . | | |
| | | | | |
| | | _ | | 1 |
| | | | | _ |
| L | | | | _ |
| | | | | 4 |
| <u> </u> | | | | - |
| <u> </u> | <u> </u> | | | 4 |
| | | | SILVER | |

SYMBOL LIST

LIGHTING

- O OUTLET AND LIGHT PIXTURE, CELING OR PENDANT MOUNTED
- OUTLET AND LIGHT PIXTURE, WALL MOUNTED RECEMBED LIGHT POSTURE WITH JENCTION BOX
- FLUORESCENT STRP LIGHT, SURFACE MOUNTED
- FLUORESCENT WHIT PRITURE, RECESSED
- OUTLET OR JUNOTION BOX AND PLUGREBOEKT WHAT POSTURE
- 60 EXIT LIGHT
- ---- OUTLET, TRACK AND LIGHT PICTURES
- BATTERY EMERGENCY LIGHT
- LIGHTING PIXTURE ON MIGHT LIGHT OFFICIAL
- REMOATES TYPE OF LIGHT POTURE, PER POTURE SCHEDULE REMOATES QUANTITY OF LIGHT POTURE

RECEPTACLES

- DUPLEX CONVENENCE RECEPTABLE QUILET AT HE", OR AS NOTED.
- DUPLEX RECEPTACLE: 1/2 HOT, 1/2 SWITCHED DUPLEX RECEPTAGLE: ON TWO SIDEPENDENT 150 YOLT ORGUITS
- DUPLEX RECEPTACLE. INCLATED GROUND TYPE, 20 AMP OR AS NOTED
- DOUBLE DUPLEX RECEPTAGLE CUTLET, 2-6ANG SOX OR AS NOTED
- THE RECEPTABLE CONVENIENCE OUTLET, 20 AMP OR AS NOTED
- OLOOK PROCESSED SHIELE PROSPTACLE OUTLET, 15 AMP OR AS NOTED PLUGH PLOOR RECEPTAGLE OUTLET
- B BUNYAGE PLOOR RECEPTAGLE OUTLET

MISCELLANEOUS

- TRUBHONE OUTLET: +NP, OR AS NOTED
- ▼ DATA OUTLET: +NF. OR AS MOTED
- (f) FLUSH OR SURFACE PLOOR TELEPHONE DUTLET
- (8) SPEAKER OUTLET
- (8) SMOKE DETECTOR
- 4" SQUARE x \$-1/8" DEEP, OR AS NOTED
- (F) EDWARET FAN

- man PANELBOARD: SURFACE MOUNTED, WITH DOOR
- ---- BANKS BOARD, BRORRERD, WITH DOOR
- T TRANSPORMER
- MOTOR NUMBER MOIOATES HORSEFOWER
- 4-(1) UTILITY COMPANY METER, WITH OURRENT TRANSFORMERS
- UTELTY COMPANY METER, SELF-CONTAINED
- METER, SELF-CONTAINED

CONTROL

POWER

- S SHIELE POLE SWITCH, +48", OR AS MOTHO
- TWO POLE SWITCH
- THREE WAY SWITCH
- FOUR WAY SWITCH
- LIETTER INDICATES LIGHTS CONTROLLED
- HOTTING STREET
- □ Виссониют вилтон 50 MAGNETIC MOTOR STARTIER
- COMMINATION MOTOR STARTER AND DISCONSECT SWITCH
- (T) THERMOSTATI +46", OR AS NOTED
- GROUND FAULT PROTECTION

DOMOUT

- -#- vro-ses
- ----
- -HH- a/F 0 8 # #
- -# # 0-7##
- -----
- ### TO-052
- —版— v2 0 2 # 1 + 1 # enound
- ---- CONDUIT IN OR UNDER PLOOR, OR UNDER
- |-----||I+ GROUND TO COLD WATER PIPE OR OTHER APPROVED GROUNDING SUSCINCION
- ----- CONDUIT MISSIN UP
- CONDUIT HOME MUN TO PANILBOARD

ABBREVIATIONS

| U.E. | UNDERGROUND | 00. | CONDUCT CHILY |
|---------|---------------------------|--------------|--------------------------|
| WP. | WIEATHERPHOOF | V.L. | VENEY LOCATION |
| T.O. | TIME OLOCK | E.O. | BLECTRICAL CONTRACTOR |
| M.K. | MOUNTHIN HINGHT | LOL | LONG CONTINUOUS LOAD |
| DE. | DUAL ELEMENT | EDF. | BLECTRIC DRESCHE POUNTAN |
| AF. | AMP. PUBE | FBO. | FURNISHED BY OTHERS |
| A.B. | AMP. SWITCH | GFL | GROUND FAULT INTERPUTTER |
| R.T.S. | NOT TO SCALE | NL. | INGRIT LIGHT |
| KLO. | NOT IN CONTRACT | 8.H. | SOLID NEUTRAL |
| U.O.N. | UILEGE OTHERWISE NOTED | ph, W. | PHASE, WIRES |
| U.E.P.S | UNDERGROUND PULL SECTION | = | EXISTING |
| ALC. | AMP. BITSHUPTING CAPACITY | \$ 70 | SURGE PROTECTION DEVICE |
| | | | |

4/8 DP 4" x 4" x 3-4/8" BOX 6/8 DP 4-11/16" x 4-11/16" x 3-1/8" BOX

482" HEIGHT FROM PHONES PLOOR TO CENTER LINE OF CUTLET

CONSULTING ENGINEERS
7549 WOODLEY AVE. STE. 100, VAN KUTS, CA. 94409
TEL (1918) 788-8900 PAY. (1818) 788-4400

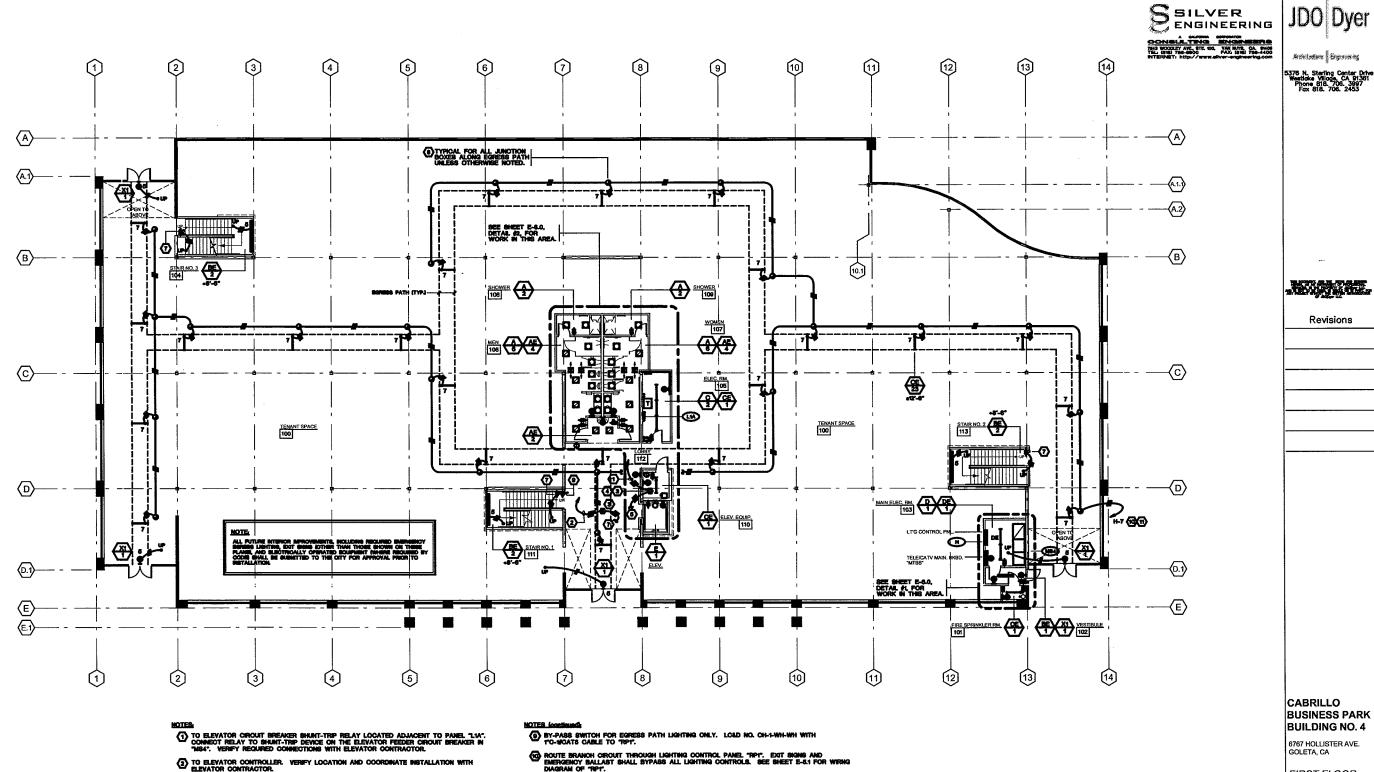
CABRILLO BUSINESS PARK **BUILDING NO. 4**

6767 HOLLISTER AVE.

GENERAL NOTES & SYMBOLS LIST

16-NOV-09 8E20903

E-1.0



(1) EQRESS PATH LIGHTING CONTROLLED BY TIMECLOCK ("RP1") AND BY-PASS SWITCH ONLY.

3 SMOKE DETECTOR SURFACE MOUNTED ON CELING, PROVIDE DEVICES, CONDUIT AND WIRE NECESSARY AND MAKE ALL COMMECTIONS FOR POWER AND CONTROL VENIFY REQUIREMENTH SLEVATOR CONTRACTOR.

COMMENT SMOKE DETECTORS SUCH THAT EITHER DETECTOR WILL OPEN THE ELEVATOR EQUIPMENT FREDER DISCOMENT SWITCH, PROVIDE CONTROL OROUT POWER, VERIFY REQUIREMENTS WITH ELEVATOR CONTRACTOR.

7) PROVIDE AN ALTERNATE PRICE TO REPLACE THE TWO 3-WAY SWITCHES WITH ONE SINGLE POLE SWITCH ITO BE LOCATED AT OR NEAR THIS LOCATION - VENIFY WITH OWNER!

(A/S DEEP JUNCTION BOX MOUNTED ON CELLING STRUCTURE ABOVE, UNLESS OTHERWISE MOTED.

(6) UP TO SMOKE DETECTOR AT CELING OF ELEVATOR SHAFT. VERIFY LOCATION.

(6) UP TO SMOKE DETECTOR AT CELLING OF SECOND FLOOR ELEVATOR LOBBY, YERIFY

CABRILLO **BUSINESS PARK** BUILDING NO. 4

Artistature Experiency

Revisions

6767 HOLLISTER AVE. GOLETA, CA

FIRST FLOOR PLAN

16-NOV-09

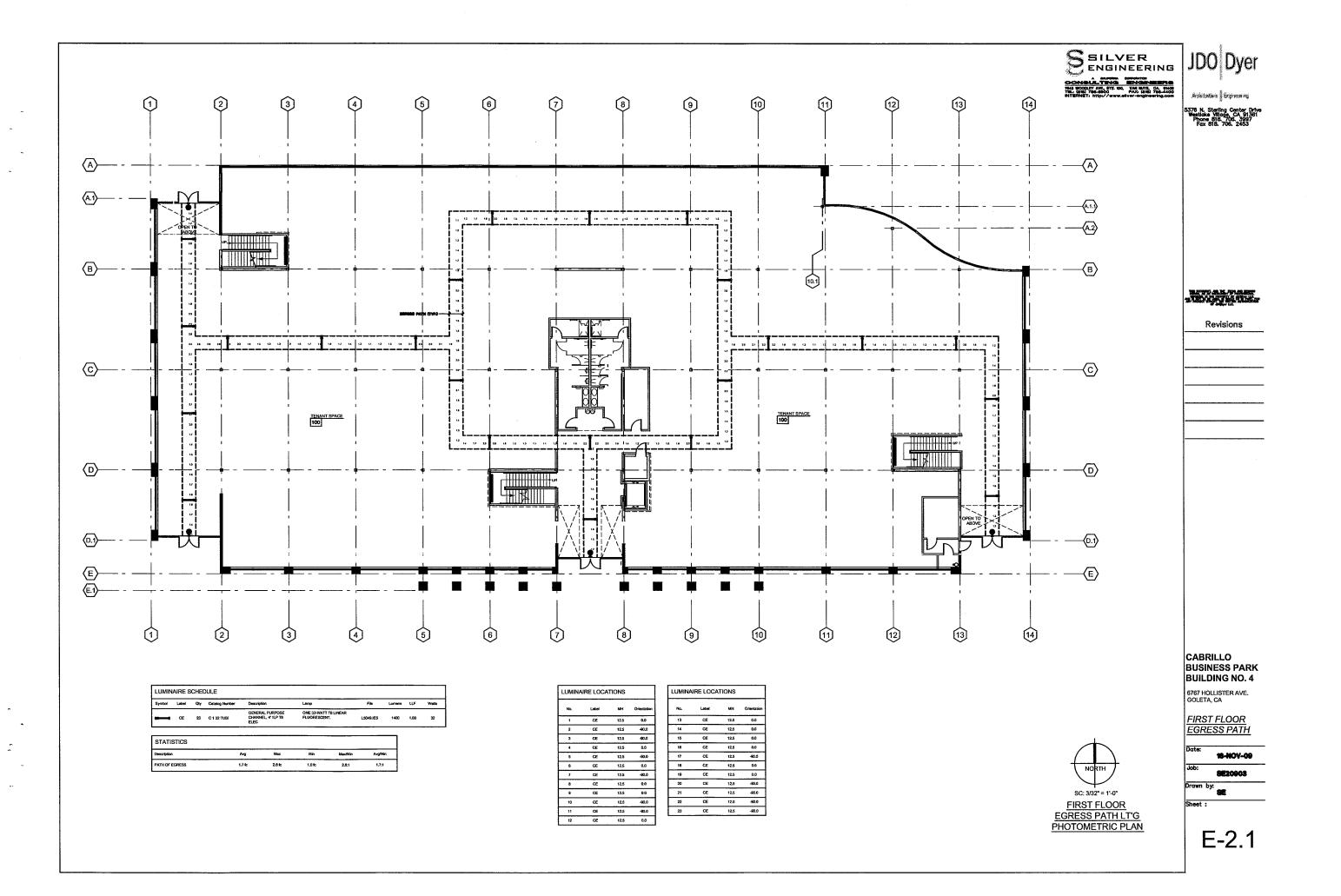
SE20903

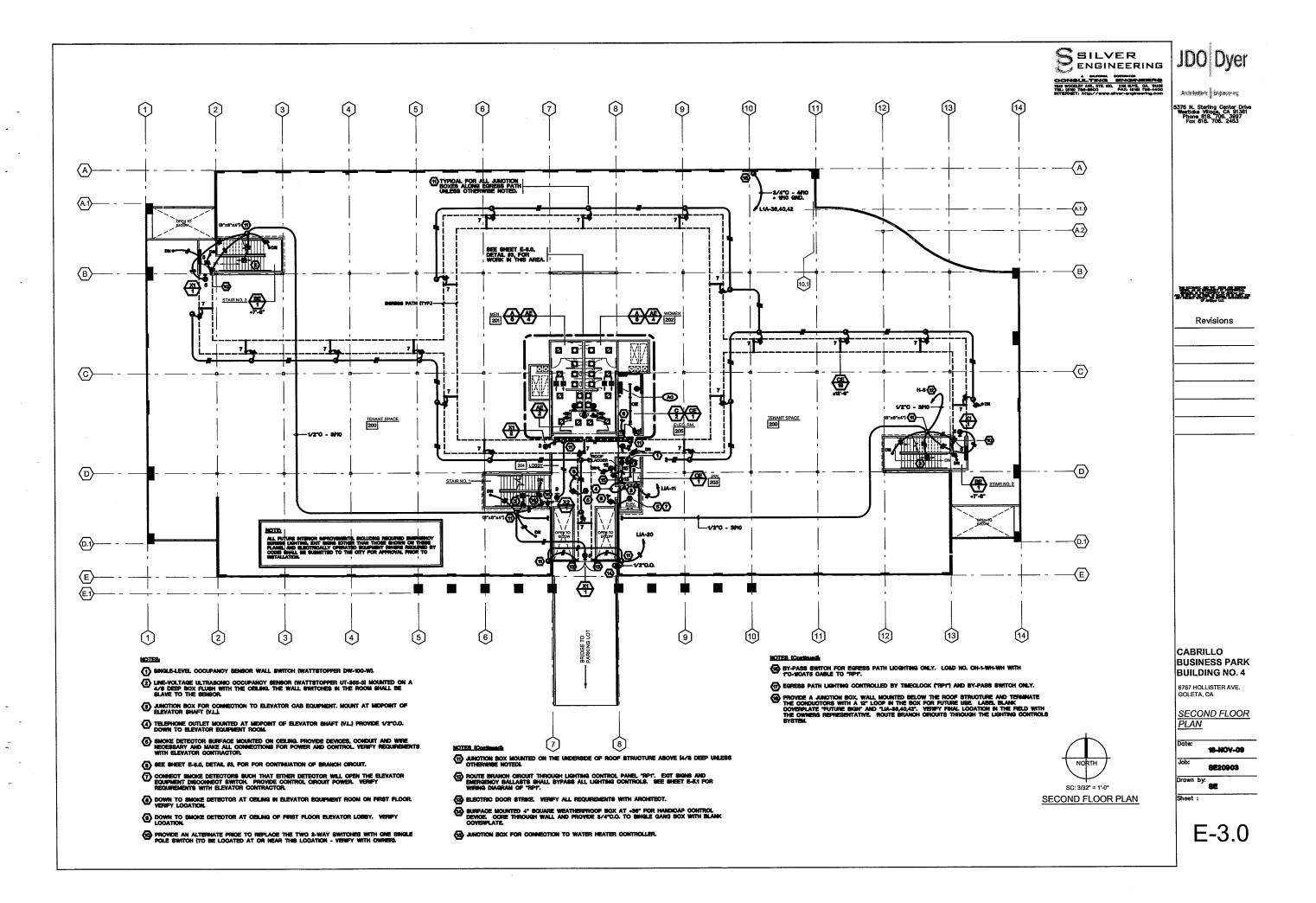
awn by:

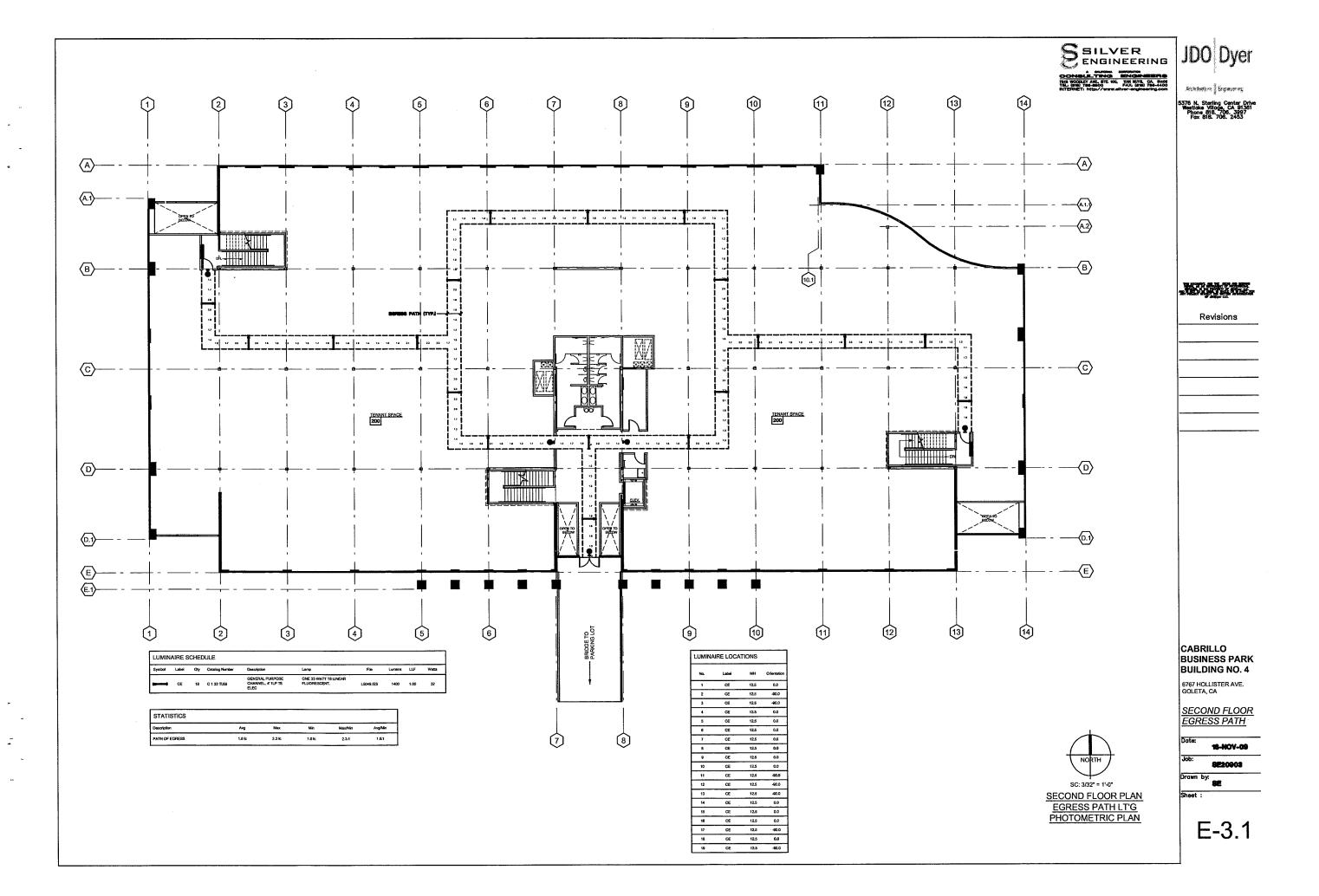
SC: 3/32" = 1'-0"

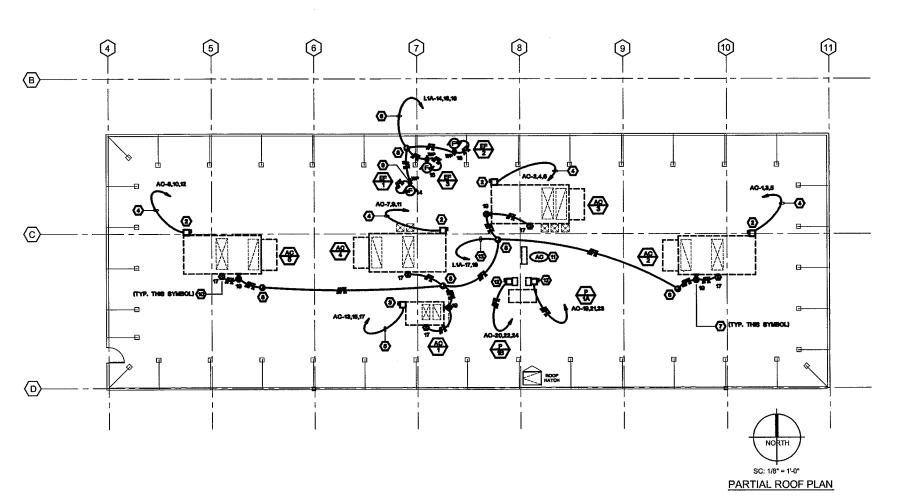
FIRST FLOOR PLAN

E-2.0











JDO Dyer

Architeture Expressing



HOTES

- THE ELECTROAL CONTRACTOR SHALL PROVIDE ALL DEVICES, CONDUIT
 AND WIRE AND MAKE ALL NEDESSARY COMECTIONS FOR POWER AND
 CONTROL OF HYAD EQUIPMENTS. SEE MEDICANICAL DRAWWAS FOR
 ADDITIONAL REQUIREMENTS. ALL CONDUITS SHALL BE ROUTED WITHIN TO
 BULDING, VERSEY EXACT LOCATIONS PRIOR TO PREHETRATING ROOF.
 MAXIMUM LENGTH OF CONDUIT EXPOSED ABOVE THE ROOF IS 247.
 COMPRISATE THE MITTAL LATION WITH THE MECHANICAL CONTRACTOR.
- (2) WEATHERFROOF 800V, 200AS, 125AF (D.E.) MOUNTED ON HVAC UNIT.
- 3 WEATHERPROOF 800V, 20A8, 20AF (D.E.) MOUNTED ON HYAC UNIT.
- 4 1-1/4°C 301 105 GMD.
- **6** 1/2*0 3010 + 1010 €MD.
- € 1/2*0 4/10 + 1/10 GMD.
- (7) SINGLE-GANG FS BOX WITH OF DUPLEX RECEPTACLE AND WEATHERPROOF COVERPLATE MOUNTED ON HYAC BIT ON ROOF.
- (a) JUNCTION BOX MOUNTED ON UNDERSIDE OF ROOF (4/8 DEEP, UNLESS OTHERWISE NOTED).
- (a) WEATERPROOF MOTOR RATED TOGGLE DISCOMBECT SWITCH MOUNTED AT FAN ITYPICAL FOR 31. ONLY 55-1 IS TO BE INTERLOCKED WITH AC-1. SE MECHASICAL DRAWINGS FOR DETAILS.
- 24Y SMOKE DETECTOR IN SUPPLY DUCT. PROVIDE \$20/24Y LOW YOLTAGE TRANSFORMER AND CONNECT AS REQUIRED.
- TO PANEL LOCATED AT PLOOR BELOW.
- WEATHERPROOF 800V, SOA NON-FUSIED DISCONNECT SWITCH MOUNTED ON HOT WATER PLAP.
- (3) 1/2°C 300 100 GMD.

MONTHE.

Revisions

CABRILLO BUSINESS PARK BUILDING NO. 4

6767 HOLLISTER AVE. GOLETA, CA

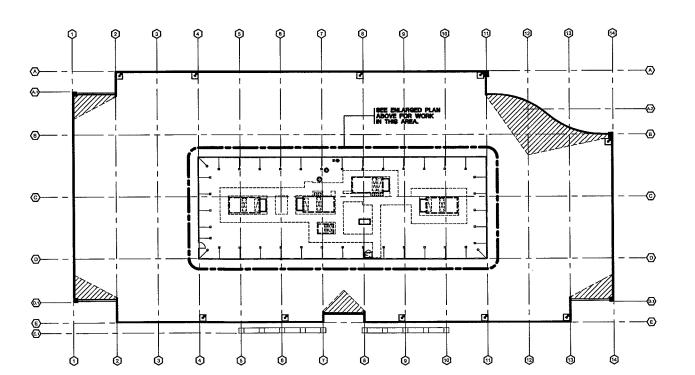
ROOF PLAN

18-NOV-09

Drawn by:

S----

E-4.0









Architectural Expense og



NOW THE

Revisions

0

CONDUIT FOR FUTURE

-0200

--⊚2°0.0.

"MS4" LOAD SUMMARY:

1 ELEVATOR ② PANEL "H" 3 PANEL "AC"

@ XTMR "TILA"

TOTAL

® SPACE ® SPACE

T SPACE

34.0A

414.8A

23.2A

0.0A

0.0A

CONDUIT FOR FUTURE

- 1. ALL PANELBOARDS AND OROUT BREAKERS SHALL BE PULLY RATED FOR MAXIMUM SHORT OROUT CURRENT TO WHICH THEY MAY BE SUBJECTED 14,000A MINIMUM FOR 277/460Y AND 10,000A MINIMUM FOR 120/2009/. THE CONTRACTOR MAY SUBMIT AN ALTERNATE BO FOR SERES RATED EQUIPMENT, BUT MUST INCLUDE THE COSTS FOR RE-ENGINEERING AND APPROVALS IN THE FRICE.
- THE SWITCHBOARD IS LIKELY TO BE EMERGIZED WHILE BEING MAINTAINED OR SERVICED BY QUALIFIED PERSONNEL CHLYL A LABEL WARRING OF POSSIBLE ARC PLASH HAZARD SHALL BE ADDED TO MEET THE REQUIREMENTS OF THE CALIFORNIA ELECTRICAL CODE (CEO ARTICLE 190.96).
- I, NO PPING, DUOTS OR EQUIPMENT POREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN BK FEET OF THE FLOOR, ON TO THE STRUCTURAL CELLING ABOVE THE SPACE OF THE ELECTRICAL EQUIPMENT PEPS (BC) ARTICLE HOLES.
- 4. ALL PEEDER AND BRANCH OROUT TERMINATIONS SHALL BE RATED AT 75°, MINIMUM.
- (5) 75KYA, 480-120/206Y, S-PHASE TRANSFORMER WITH 1/2°C W6 (OU) TO THE BUILDING MAIN BERNYOE GROUNDING POINT.
- (I) 1/2"O 190 (OU) TO A 5/8" X 19"-0" COPPER GROUND ROD BURIED TO 12" TO TOP OF ROD WITH EXCITIENING WILD BETWEEN CONDUCTOR AND ROD. IF RESISTANCE TO GROUND EXCIEDS 25 CHMS, A SECOND GROUND ROD SHALL BE INSTALLED AT LEAST SKY FEET FROM THE FREST GROUND ROD. ALTERNATE INSTALLATION THE CONTRACTOR MAY PROVIDE A 10FT. ROD, BURIED AT LEAST SKY. INTO THE SOL, AND CONNECTED TO THE GROUNDING ELECTRODE CONDUCTOR IN ANY APPROVED MANNER.
- (7) RATED AT SO,000ALC.
- (B) RATED AT 22,000ALC.
- (3) CONDUIT SHALL BE PVO SCHEDULE 40 UNDERGROUND OR EMT WHERE EXPOSED TO PHYSICAL DAMAGE. PROVIDE PULLSTRING IF SPARE.
- PROVIDE 1/2°C 29/2 TO THE BLEVATOR OROUIT BREAKER SHART TRIP RELAY LOCATED ADJACENT TO PAREL "LIA". SEE DETAIL 62 ON SHEET 5-6.0.

(M) = U.G.P.S. 8

"MS4" 1600A BUS, 277/480V, 3PH, 4-WIRE (2) 4882A)

-©

TLW-XXX

PANEL.

L1A

SINGLE LINE DIAGRAM

100-6,227A

-©

AC

SPACE

--(3)270.0.

▲ TO U.G.P.S. leo ≤ 30,000A.LC.

(M)

) 90A 18HUNT-TREP! @

-②

25HP ELEV.

7 PANEL

н

SWITCHBOARD 'MS4' ELEVATION NOT TO SCALE

SHORT CHOURT GALO'S BASED ON BUSINARS POINT-TO-POINT METHOD)

to \$LGP.81 - 30,000A PER BOE

tec 96 - 30,000A - 27,362A

AC: 190FT. OF 2000kodi f = (1907)(173)(30,000A) = 0.2732

lee (AC) = <u>20.000A</u> = <u>22,891A</u>

bo (TL1A) = <u>20,000A</u> = **8,834**A

TLIA: 70kVA, 480-120/208V, 3ph, 2.4%Z f = <u>0.834A[480[178]2.4%</u> = 2.8334 100.000[78kV4]

No (TLIA-880) - 4480VIN,634) - 4,227A

LIA: SFT. OF 164/0 1 - MYKI72NG,227A) - 0.0172 (200VRIS,002)

lec (L1A) = (<u>0.227A</u> = (0.122A

CABRILLO **BUSINESS PARK BUILDING NO. 4**

6767 HOLLISTER AVE.

SERVICE DETAILS

16-NOV-09

SE20903 wn by:

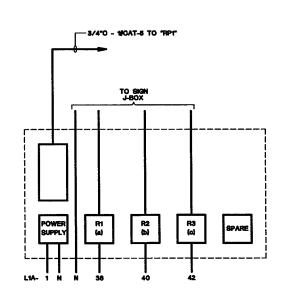
E-5.0

| IR. | CIR. | BKR. | ٥ (| UTLE | P/ | | ······································· | ATT | 8 |
|-----------|--------|--------|---------------|---------------|---------------|----------------------------|---|--------|------|
| Ο. | POLE | AMP | | REC | | REMARKS | L-1 | L-2 | L-3 |
| 1 | 1 | 20 | 4 | | 1 | RM'8. 101,102,103 | 226 | | |
| 2 | 1 | 20 | T | | | SPARE | | | |
| 3 | 1 | 20 | 8 | | 4 | RM'S. 105,110,203,205 | | 248 | |
| 4 | 1 | 20 | | | _ | SPARE | | 2000 | |
| 5 | 1 | 20 | | | 8 | STARS, EXTS (2) | | | 884 |
| 8 | 1 | 20 | 1 | | Ť | SPARE | | | 1500 |
| 7 | 1 | 20 | 42 | - | \vdash | EQRESS PATH LT'Q (2) | 1344 | \neg | |
| В | 1 | 20 | | _ | _ | SPARE | | | |
| | 1 | 20 | 22 | | | EXTERIOR LT'Q | | 1155 | |
| 10 | 1 | 20 | 1 | | | SPARE | | | |
| H | 1 | 20 | 24 | | | EXTERIOR LT'Q | | | 1253 |
| 12 | 1 | 20 | ╁╾ | | | SPARE | | | |
| 3 | 1 | 20 | 16 | i | T | EXTERIOR LT'Q | 1640 | | |
| 14 | | T | Ť | T | | SPACE | | | |
| 15 | 1 | 20 | 1 | i | $\overline{}$ | SPARE | | | |
| 16 | | T | T | | | SPACE | | | |
| 17 | 1 | 20 | 1 | | | SPARE | | | |
| 18 | | | | | | SPACE | | | |
| 19 | | | 1 | | | SPACE | | | |
| 20 | | 1 | 1 | | | SPACE | | | |
| H | | | 1 | $\overline{}$ | 1 | SPACE | | | |
| 2 | | | $\overline{}$ | $\overline{}$ | T | SPACE | | | |
| 23 | | | \top | | 1 | SPACE | | | |
| 24 | | | 1 | | | SPACE | | | |
| 26 | | | Т | | | SPACE | | | |
| 26 | | | | | | SPACE | | | |
| 27 | | i | 1 | 1 | | SPACE | | | |
| 28 | | | 1 | | | SPACE | | | |
| 29 | | | Τ | | · | SPACE | | | |
| 30 | | | 1 | | 1 | SPACE | | | |
| 31 | | | | | | SPACE | | | |
| 12 | | l | 1 | | | SPACE | | | |
| 33 | | | 1 | | | SPACE | | | |
| 34 | | | | | | SPACE | | | |
| 35 | | | 1 | | | SPACE | | | |
| 36 | | | | | | SPACE | | | |
| 37 | | | | | | 8PACE | | | |
| 38 | | | | | | SPACE | | | |
| 39 | | | | | \Box | SPACE | | | |
| 10 | | | | | | SPACE | | | |
| 41 | | | | | | SPACE | | | |
| 12 | | | L | | | SPACE | | | |
| TAL | WATTS: | 10,119 | | •• | 1 | TOTAL KW (INCL. LCL): 11.7 | 3400 | 8403 | 3307 |
| 4.2 | AMPERE | 8 8 | : | 277/4 | 80 Y | OLTS . 3 PHASE . 60 CYCLES | 4 W.S. | N. | |

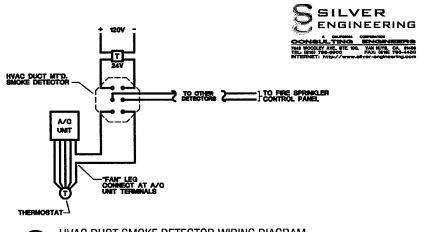
- 00,000 SQUARE FEET AT 3.0VA/SQLFT, SPER NEO 220.12) = 210,000VA 210,000VA AT 125% AT 480V, 3ph = 319.9A. 400A PAREL HAS AMPLE CAPACITY FOR THE CODE REQUIRED MARKAM LIGHTING LOAD.
 PROVIDE ORIGIT BREAKER HANDLE LOCK-ON DEVICE.

| CIR. | CIR. | BKR. | 0 | UTLE | | NEL "AC" | · w | ATT | s | |
|-------|--------------|---------|--|---------------|---------------|--|----------|--------|-------|-------|
| NO. | POLE | AMP | | | MISC | REMARKS | L-1 | L-2 | L-3 | L.C.I |
| 1 | 3 | 126 | | | 1 | AC-2 (94.6FLA) | 26177 | | | 2243 |
| 2 | • | 126 | | - | 1 | AC-3 694.0FLA3 | 26177 | | | |
| 3 | | | _ | \vdash | | | | 28177 | | |
| 4 | | | _ | | | | | 20177 | | |
| 5 | | | - | | | | \vdash | | 28177 | |
| 6 | | | | | | | | | 20177 | |
| 7 | 3 | 126 | | | 1 | AC-4 B4.8FLA) | 26177 | | | |
| 8 | 3 | 126 | T. | | 1 | AC-5 194.5FLA) | 20177 | | | |
| | | | | | | | | 20177 | | |
| 10 | | | | | | | | 20177 | | |
| 11 | | | | | | | | | 26177 | |
| 12 | | | | | | | | | 26177 | |
| 13 | 3 | 30 | | | 1 | AC-1 (24.IFLA) | 8676 | | | |
| 14 | 3 | | 1 | | | SPACE | | | | |
| 15 | | | | | | | | 6678 | | i |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | 6676 | |
| 18 | | | | | $\overline{}$ | | | | | |
| 19 | 3 | 16 | T - | | 1 | P-1A (1-1/2HP) | 831 | | | |
| 20 | 3 | 16 | — | | 1 | P-8 (1-1/2HP) | 831 | | | |
| 21 | | | _ | | | | | 831 | | ŀ |
| 22 | | | - | | | | | 821 | | ŀ |
| 23 | | | | | | | | | 631 | i . |
| 24 | | | 1 | - | _ | | | | 831 | |
| 25 | 3 | | T | t | - | SPACE | | | | |
| 26 | 8 | | | | | SPACE | | | | |
| 27 | | | T | | | | | | | |
| 28 | | | | | | | | | | Į. |
| 29 | | | $\overline{}$ | | 1 | | | | | l |
| 30 | | | - | | 1 | | | | | ĺ |
| 31 | 3 | | \vdash | $\overline{}$ | | SPACE | | | | |
| 32 | 3 | | | \vdash | | SPACE | | | | 1 |
| 33 | | | ${}^{-}$ | | 1 | | | | | 1 |
| 34 | | | T | \vdash | 1 | | | | | l |
| 36 | | | $\overline{}$ | | | | 1 | | l | l |
| 36 | | | | 1 | 1 | | | | | |
| 37 | 3 | | 1 | 1 | 1 | SPACE | 1 | | t | 1 |
| 38 | 3 | | 1 | $\overline{}$ | 1 | SPACE | 1 | | l | i |
| 39 | | | | t | \vdash | | | | - | 1 |
| 40 | | | | 1 | 1 | | | | · | 1 |
| 41 | | | 1 | 1 | T | | 1 | | | 1 |
| 42 | | | 1 | 1- | 1 | | 1 | | | 1 |
| | 1 | | | | | L | 113046 | 112045 | 10046 | 2234 |
| OTAL | WATTS: | 239,138 | | •• | 7 | TOTAL KW (INCL. LCL): 344.7 | | | | |
| 414.8 | AMPERE | 9.8 | | | 480 4 | OLTS . 3 PHASE . 60 CYCLE | 8 1 W | | | 1 |

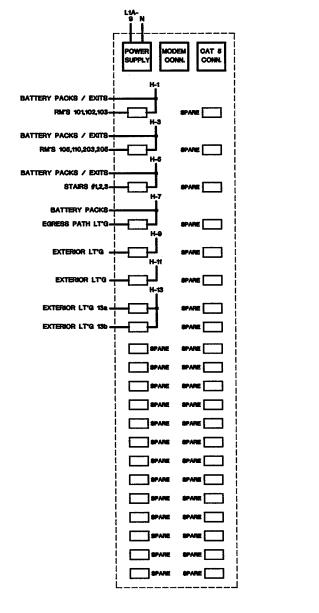
| _ | | | - | | | NEL "L1A" | | | |
|---------------|--|------|--|--|---|----------------------------------|----------|---------|------|
| XR. | POLE | BKR. | | UTLE | MISC | REMARKS | <u> </u> | ATT: | E3 |
| 1 | 1 | 20 | 1-10 | FEU | 1000 | RM. 105-TEL BKBD, CTRL ① | 400 | 12 | |
| 2 | 1 | 20 | \vdash | 4 | <u> </u> | RMES 108,107,201,202 | 720 | | |
| 3 | 1 | 20 | | - | ├ | FIM. 205 - TIEL, BKSD. (1) | | 360 | 1 |
| 4 | 1 | 20 | | 1 | ├ | RM. 112 - EDF | _ | 700 | |
| 6 | 1 | 20 | | - | 1 | FML 105 - INVERTER (1) | | | 250 |
| 8 | 1 | 20 | - | 1 | ٠. | RML 204 - EDF | | | 700 |
| 7 | - | 20 | 32 | - | ├ | PMFB 108,107,112,201,202,204 (1) | 384 | | -'~- |
| 8 | 1 | 20 | | 2 | - | RML 103 - TEL, INCHO. | 360 | | i |
| 9 | 1 | 20 | | - | 1 | RML 103 - LT'S CTL. PML. (1) | | 500 | |
| 10 | 1 | 20 | \vdash | 2 | ۲. | PM/8. 101102 | | 360 | |
| 11 | 1 | 20 | \vdash | - | 1 | ELEV. CAB EQUIP. | | | 1000 |
| 12 | | 20 | | | H | RM. 101 - FIRE SPR. PML. (1) | _ | | 800 |
| 13 | 1 | 20 | 1 | ┢ | 4 | RML 110 - BFD, EF-6 | 580 | | |
| 14 | | 20 | ٺ | \vdash | 1 | EF-1 (1/2HP) | 1176 | | - |
| 15 | i | 20 | \vdash | 6 | +• | RMS 110,112,203,204 | | 900 | |
| 16 | - i - | 20 | 1 | <u>ٿ</u> | 1 | EF-2 (1/3HP) | | 864 | - |
| 17 | i | 20 | - | \vdash | 1 5 | SMOKE DETECTORS (1) | | | 125 |
| 18 | 1 | 20 | \vdash | \vdash | 1 | EF-3 (t/3HP) | | | 864 |
| 19 | 1 | 20 | - | 4 | ۱Ť | ROOF REO. | 720 | - | |
| 20 | | 20 | _ | ΙŤ | 12 | BLEC. DOOR OPENER | 500 | | |
| 21 | - i - | 20 | \vdash | \vdash | ├ | SPARE | | 1000 | |
| 22 | 1 | 20 | \vdash | - | - | SPARE | | ~~~ | _ |
| 23 | - | 20 | \vdash | _ | \vdash | SPARE | | | 800 |
| 24 | i | 20 | \vdash | | _ | SPARE | | - | |
| 25 | 1 | 20 | 1 | | - | SPARE | | | |
| 26 | i | 20 | | | 1 | SPARE | | | - |
| 27 | 1 | 20 | | t | † | SPARE | - | | - |
| 28 | i | 20 | | _ | † | SPARE | | | |
| 29 | 1 | 20 | t - | | | SPARE | | | |
| 30 | 1 | 20 | | | | SPARE | | - 1 | |
| 31 | | | t | | | SPACE | | | - |
| 32 | | | | | † | SPACE | | | |
| 33 | | | \vdash | | | SPACE | | | |
| 34 | | - | | | | SPACE | | | |
| 35 | | | | | | SPACE | | | |
| 36 | | | | 1 | 1 | SPACE | | | |
| 37 | 1 | | | _ | | SPACE | | | |
| 38 | 3 | 20 | | t | 1 | FUTURE SIGN (2) | 1200 | | |
| 39 | | | | | | SPACE | | | |
| 40 | | | | | | | | 1200 | |
| 41 | | | | — | T | SPACE | | | |
| 42 | | | Ι | Ι | 1 | | | | 1200 |
| | | | | _ | • | | 6020 | 5884 | 8939 |
| | WATTS: | | | 20/2 | | OTAL KW (INCL LCL): 19.3 O | ••• | | |
| | LUGS ON | | | | | BURFACE | | 225 A B | บร |







HVAC DUCT SMOKE DETECTOR WIRING DIAGRAM



| LIGHTING | CONTROL PANEL "RP1" |
|-------------|-------------------------------|
| SCALE: NONE | (LC&D #GR2448/42-DTCMODEM-HL) |

5376 N. Sterling Center Drive Westlake Village, CA 91361 Phone 818, 706, 3997 Fax 818, 706, 2453

ACRIETACI | DOMEST

NIVAL TABLE Revisions

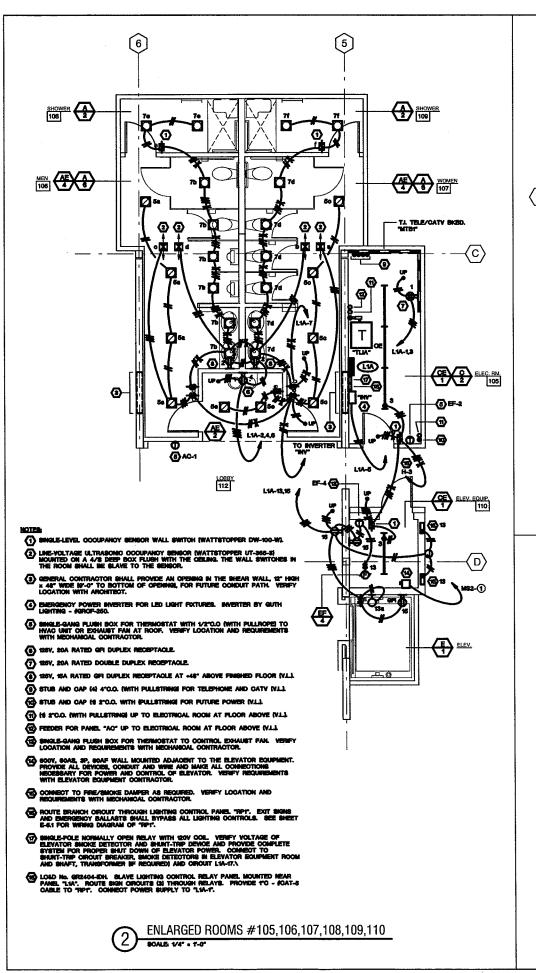
CABRILLO BUSINESS PARK BUILDING NO. 4

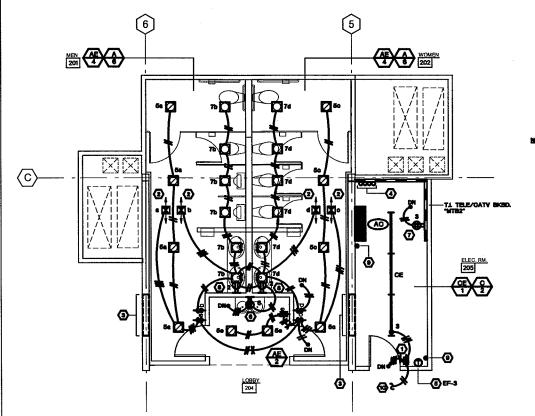
6767 HOLLISTER AVE. GOLETA, CA

PANEL SCHEDULES

18-NOV-09 **SE20003**

E-5.1





JD0 Dyer

Aikhin Donn

5376 N. Sterling Center Drt Westloke Village, CA 9136 Phone 818. 708. 3997 Fox 818. 706. 2453

MOTER:

(1) SINGLE-LEVEL COCUPANCY SENSOR WALL SWITCH (WATTSTOPPER DW-100-W).

LINE-VOLTAGE ULTRASONO COCUPANCY SENSOR (WATTSTOPPER UT-365-S) MOUNTED ON A 4/8 DEEP BOX FLUSH WITH THE CELINA. THE WALL SWITCHES IN THE ROOM SHALL BE SLAVE TO THE SENSOR.

(2) GENERAL CONTRACTOR SHALL PROVIDE AN OPENING IN THE SHEAR WALL, 12" HIGH X 45" WIDE (APPROXIMATELY 9"-0" TO BOTTOM OF OPENING TO OLEAR TOILET ROOM CELING STRUCTURES, FOR FUTURE COMBUIT PATH.

(A) 4°C.O. SLEEVES THROUGH FLOOR TO ELECTRICAL ROOM BELOW FOR TELEPHONE AND CATY (V.L.).

(5) SINGLE-GAMG FLUSH BOX FOR THERMOSTAT WITH 1/2"C.O. (WITH PULLROPE) TO HYAC UNIT OR EDHAUST FAN AT ROOF. VEREY LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACGTOR.

(6) 125V, 20A RATED GRI DUPLEX RECEPTACLE.

7 126V, 20A RATED DOUBLE DUPLEX RECEPTACLE.

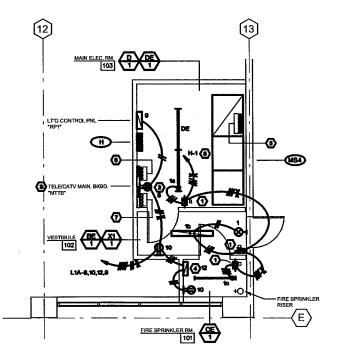
(a) 125V, 15A RATED GFI DUPLEX RECEPTACLE AT +46° ABOVE FINGHED PLOOR (V.L.).

(9) STUB AND CAP (8 2'0.0. (WITH PULLSTRING) FOR FUTURE POWER (V.L.).

SEE SHEET E-S.O FOR CONTINUATION OF BRANCH CIRCUIT.

Revisions

3) ENLARGED ROOMS #201,202,205



ENLARGED ROOMS #101,102,103

NOTER.

(1) SINGLE-LEVEL, OCCUPANCY SENSOR WALL SWITCH (WATTSTOPPER DW-100-W).

(2) 126V, 20A RATED DOUBLE DUPLEX RECEPTAGLE.

3 4'-0" x 8'-0" x 2'4" PLYWOOD TELEPHONE BACKBOARD WITH 1/2"C tie GROUND (SOLID OOPPER, NOT STRANDER) TO THE BUILDING MAIN GROUNDING POINT PER VERZON REGUIREMENTS.

OOMEOT TO FIRE SPRINGLES CONTROL PANEL AS REQUIRED IVL1
PROVIDE 3/470.0. TO A SINGLE-GAMO BOX FOR REYPAD IVL1 A
3/470.0. TO A SINGLE-GAMO BOX FOR REYPAD IVL1 A
3/470.0. TO A SINGLE-GAMO BOX FOR A MANUAL PULLSTATION IVL1 A
3/470.0. TO THE BURNEL GAMO BOXED ON EACH FLOOT
IVL1 A 3/470.0. TO THE BURNEL GAMO BOXED ON EACH FLOOT
IVL2 OF A SINGLE-GAMO BOX THE FIRE SPRINGLES RIGHT IVL1 AND A 3/470.4 TO THE EXTENSION FIRE BLY IVL1 AND A 3/470.4 OLD BOX IVL1 AND A 3/470.4 THE SINGLES RIGHT INVESTIGATION OF POST SINGLES AND A 5/470.4 THE SINGLES RIGHT INVESTIGATION OF THE SINGLES AND A 3/470.4 THE SINGLES AND A 3/470

(E) 83 4"O.O. IPVO SCHEDULE 401 FOR POWER WITH 30" MINIMUM COVER PER SCE STAMBARD REQUIREMENTS. RITEROET EXSERTING SCHOOL OF SCHOOL SCH

(5) BY 4"D.D. PWO SOHEDULE 403 FOR TELPEHONE AND BY 4"D.D. PWO SHOEDULE 403 FOR OATY SERVICE WITH 50" INMEMIA COVERY PER RESPECTIVE UTILITY COMPANY, PROVIDE EACH COMBULT WITH PULLIFOR. ELECTRICAL COMMANDERS SALL YERFY SEES OF SHOOMING UTILITY SERVICE COMDUTE AND INTENDET AND EXTEND AS REQUIRED.

(7) 25 4"O.O. SYO SCHEDULE 405 FOR TELEPHONE AND 25 4"O.O. SYO SHOEDULE 405 FOR CATY SERVICE TO TELE/CATY BACKSCARD "WITE AT ROOM 105. PROVIDE EACH COMDUIT WITH PULLROPE.

(a) ROUTE BRANCH CROUT THROUGH LIGHTING CONTROL PAREL "RPT. EXIT SIGNS AND EMERGENCY BALLASTS SHALL SYPASS ALL LIGHTING CONTROLS. SEE SHEET S-S.1 FOR WIRING DIAGRAM OF "RPT."

CABRILLO BUSINESS PARK BUILDING NO. 4

6767 HOLLISTER AVE. GOLETA, CA

DETAILS

ite: 16-NOV-09

SE20903

8

Sheet :

E-6.0

| PROJECT NAME CABRILLO B | ONDITIES DURIESS PARK BLD4 4 | | | | | | |
|--|--|--|--|---|--|--|--|
| PROJECT ADDRESS 8787 HOLLIE | TER AVENUE, GOL | ETA. CA | | | | | |
| DOMESTAL DESCRICE LIGHTON | AZL 1 SLYER | | | 2HONE (816178 | 0.0000 | ┨╼ | ulding Permit 8 |
| POCHESTATION ALTERNO | | | TELE | | | | necked by/Date |
| | WET 1 BELVER | | | (816)78 | 6-00UU | Enfon | cernant Agancy Use |
| GENERAL INFORMATION | | | | | | , | |
| DATE OF PLANS 18-NOY-09 | BUILDING CONDIT | | | 67,7 8 0 80 | | CUMATE | |
| BUILDING TYPE | MONRESIDENTIAL. | | | E RESIDENTIAL | | HOTELIM | OTEL GUEST |
| CONDITIONED SPACES | UNCONDITIONED SPA | | | DUTDOOR SIGNS | 3 | | |
| PHASE OF CONSTRUCTION | M NEW CONSTRUCTION | N [| ADDITION | <u> </u> | | ALTERAT | ION |
| METHOD OF LIGHTING COMPLIANCE | | | | _ | | | |
| PERFORMANCE C | OMPLETE BUILDING | AREA C | ATEGORY | ☐ TAILOREI | <u> </u> | COMMON | LICHTING |
| STATEMENT OF COMPLIANCE | Œ | | | | | | |
| This Certificate of Compliance lists the bu | iking features and performan | on specificatio | ons need to co | amply with Title 24, | Parts 1 and | 6 of the Cal | fornia Code of |
| Regulations. This certificate applies only The documentation preparer hereby certi | | | complete. | | | | |
| DOCUMENTATION AUTHOR | CHAEL J. SILVER | SIGNATI | | | | | DATE |
| The Principal Lighting Designer hereby o | | 1 | | | | | |
| Part 8 (Sections 10-103a 3). The operation & maintenance informs Please check one: (These sections of Laffirm that I am eligible under the p | of the Business and Profession Provisions of Division 3 of the | f Pert 6 (10-10 ns Code are pr Business and | ISc). rinted in full in d Professions | the Nonresidential Code to sign this | Manuel.) | ss the perso | |
| Part 8 (Sections 10-103a 3). The operation & maintenance informs Please check one: (These sections o | ation meet the requirements of if the Business and Profession provisions of Division 3 of the in the State of California as a ovisions of Division 3 of the But it I em a licensed contractor prion on 3 of the Business and Profe Professions Code Sections St | f Part 6 (10-10 as Code are programmed as civil engineer usiness and Performing this resisions Code: | ide). rinted in full in d Professions er or electrical Professions Co | the Nonresidential Code to sign this lengineer, or I am ide by section SS3 | Manuel.) document a a liconsed a 7.2 or 6737.2 | as the person nchitect. 3 to sign this | n responsible for its document as the pe |
| Part 6 (Sections 10-105a 3). The operation A maintenance inform Please check one: (These sections o I saffern that I am eligible under the p preparation; and that I am locased I affern that I am eligible under the p prespondition; and the I I affern that I am eligible under the p prespondition; and the Business and Business and PRINCIPAL USENTING DESIGNER NA | ation meet the requirements of if the Business and Profession provisions of Division 3 of the in the State of Californis as a ovisions of Division 3 of the Bu ki I am a ficensed contractor pund 3 of the Business and Profe Professions Code Sections 50 IME SIGNATURE | f Part 6 (10-10 as Code are programmed as civil engineer usiness and Performing this resisions Code: | ide). rinted in full in d Professions er or electrical Professions Co | the Nonresidential Code to sign this lengineer, or I am ide by section SS3 | Manuel.) document a foonsed a 7.2 or 6737. | as the person nchitect. 3 to sign this | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gescions 10-100a 3). The openion A maintenance inform Plass sched, one: (These sections of Plass sched) one: (These sections of Plass sched) one: (These sections of Laffern bet a meligible under the penganishot); and their lam single under the penganishot; and their lam section between the penganishot of the preparation; and the security purvaishot to their lam security purpaishot to their lam security purpaishot to their lam security purpaishot lam security p | asion meet the requirements of if the Business and Profession involvations of Ohysica 3 of the in the State of California as a orieitors of Ohysica 3 of the Business and Ohysica 3 of the Business and Professions Code Sections 53 of the Business and Professions Code Sections 55 one STRATURE | f Part 6 (10-10) is Code are pro- Business and surificency and Participation of Participati | ISc). rinted in full in of Professions or or electrical riprofessions Cowork. to sign this do 16737.1. | the Nonresidential Code to sign this lengineer, or I am ide by section SS3 | Menuel.) document a liconsed a 7.2 or 6737.1 t pertains to | as the person nchitect. 3 to sign this | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gescions 10-100a 3) The openion A maintenance inform Plass check one: (These sections of Plass check one: (These sections of Plass check one: (These sections one Plass check one: (These sections one personal one of the preparation; and the personal one of the preparation; and the personal one of the preparation; and the personal one of th | ation meet the requirements of if the Business and Profession strokens of Olivean 3 of the in the State of California as a ovisions of Oliveino 3 of the Business and Oliveino 3 of the Business and Professions Code Sections 5 the STRIATURE STRIATURE ASURES If Note Block for Manda | If Part 8 (10-10) as Code are print of the p | (3c), and a full in full in differential in full in differential in or electrical in or electrical in or electrical in or electrical in order of the | the Nonresidential code to sign this engineer, or lam ade by section SS3 ocument because it | Menuel.) document a foorsod a 7.2 or 6737.2 t pertains to | as the person rchitect. 3 to sign this a structure o | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gestions 10-100a 2). The operation A maintenance inform Plasse check one: (These sections on Plasse check one: (These sections on Plasse check one: (These sections on Plasse check one: (These sections one preparation): and fine if an informed i affirm that it am eighbe under the pre- responsible for its preparation; and the preparation of the preparation; and the PRINCIPAL IDENTIFIC DESCRIPTION INFORMAL IDENTIFICATION INFORMATION INFOR | ation meet the requirements of if the Business and Profession strokens of Olivean 3 of the in the State of California as a ovisions of Oliveino 3 of the Business and Oliveino 3 of the Business and Professions Code Sections 5 the STRIATURE STRIATURE ASURES If Note Block for Manda | Figure 8 (10-10) as Code are por Business and civit engineer us ness and P edoming this assistant Code 537, 5538 and storry Measu. | (Sig.). Initiated in full in of Professions or or electrical professions Cowork. to sign this de (6737-1. | the Nonresidential Code to sign this engineer, of 1 am de by section SS3 occurrent because it | Menuel.) document a a iconsod a 7.2 or 6737.1 t pertains to DATE | as the person rchitect. 3 to sign this a structure o | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gescions 10-100a 9). The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections one) and the section of the section of the section one of the section on plans of the section one of the section one of the section on plans of the section one of the section on plans of the section of the section one of the section of the section of the section one of the section | ation meet the requirements of the Business and Profession workings of Origina 3 of the International Original States of California as a covisions of Original States | F Part 8 (10-10) as Code are printed as Code are printed as Code are printed as Code are printed as Code as Co | (Sig.), initiated in full in of Professions or or electrical professions Cowork. to sign this de (6737-1. | the Nonresidential Code to sign this engineer, of am did by section SS3 occurrent because it | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Part 8 (Sections 10-100a 2). The operation A maintenance inform Plasse check one: (These sections on Plasse 1 saffram bat a margible under the pore preparation; and the latfram bat an exigible under the preparation; and the latfram bat an exigible under the preparation; and the latfram bat an exigible under the preparation on planse. I SET INTEREST. LATERIAN ORDINATION OF SIGNERS AND MAINTENERS AND M | ation meet the requirements of the Buriness and Profession of the Third and Profession of a University of the Conference | F Part 8 (10-10) to Code are pr Business and revit engines usiness and P editorning this sassions Code to S37, 5538 and story Measu S (check to the 10 f 4 and 2 it 3 of 4 submit | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. Unes Doox If worfs of 4 are required in | the Nonresidential Code to sign this code to sign this comment because is comment | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gescions 10-100a 9). The openion A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections one of Plasse check one and plasse | ation most the requirements of the Business and Preference of P | F Part 8 (10-10) to Code are pr Business and revit engines usiness and P editorning this sassions Code to S37, 5538 and story Measu S (check to the 10 f 4 and 2 it 3 of 4 submit | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. Unes Doox If worfs of 4 are required in | the Nonresidential Code to sign this code to sign this comment because is comment | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gescions 10-100a 9). The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Leffmeth et all midgles under the operation); and that I am some of Leffmeth et all midgles under the prescription of the Leffmeth et all midgles under the prescription of Leffmeth et al. (Leffmeth) | sition most the requirements of the Business and Preference of the Preference of Continuous at the Business and Preference of Continuous at the Business and a the Business and Bus | F Part 8 (10-10) to Code are pr Business and revit engines usiness and P editorning this sassions Code to S37, 5538 and story Measu S (check to the 10 f 4 and 2 it 3 of 4 submit | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. Unes Doox If worfs of 4 are required in | the Nonresidential Code to sign this code to sign this comment because is comment | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pet t (Sections 10-100a 9). The openion A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Plasses check one: (These sections one of Plasses one). I saffern that I use eligible under the preparation; and the 1 saffern that I am eighbe code to Plasses one of Plasses on | sition most the requirements of the Business and Preference of the Business of th | I Pert 8 (10-10) to Code are price to the code are price to the code are price to the code are predoming this assistant Code to S37, 5538 and attention of the code are price to the code are | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. Unes Doox If worfs of 4 are required in | the Nonresidential Code to sign this code to sign this comment because is comment | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pert (Gescions 10-100a 9). The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections one) and the I am inciple under the preparation; and the I am inciple under the preparation; and the I affirm that a mid-lipbe under Divisions as exempt pursuant to Businesse and PRINCIPAL LORING DESCRIPTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECTION SECONDAIL SECTION SE | sition meet the requirements of the Business and Preference of | Part 8 (10-10) to Code are pr Business and code are pr Business and code are pr Business and scholar predoming this assions Code is \$37,5538 and story Measu \$5 (check to 4 and 2 at 3 of 4 submit \$4 of 4 submit \$4 of 4 submit \$4 of 4 submit \$5 (check to 4 and 2 at 3 of 4 submit \$6 of 4 submi | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. UPSS DOX If WORE 2 of 4 are required in require six required in | the Nonresidential Code to sign this code to sign this comment because is comment | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pert (Gescions 10-100a 9). The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections one) and the I am inciple under the preparation; and the I am inciple under the preparation; and the I affirm that a mid-lipbe under Divisions as exempt pursuant to Businesse and PRINCIPAL LORING DESCRIPTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL 3. BLUTCH SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECTION SECONDAIL SECTION SECONDAIL SECTION SECONDAIL SECTION SECTION SECONDAIL SECTION SE | sition most the requirements of the Business and Preference of the Business of Orleans of the Business of Orleans of California e to it the Business of California of the Business and a few Business and the Busin | Part 8 (10-10) to Code are pr Business and code are pr Business and code are pr Business and scholar predoming this assions Code is \$37,5538 and story Measu \$5 (check to 4 and 2 at 3 of 4 submit \$4 of 4 submit \$4 of 4 submit \$4 of 4 submit \$5 (check to 4 and 2 at 3 of 4 submit \$6 of 4 submi | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. UPSS DOX If WORE 2 of 4 are required in require six required in | the Nonresidential Code to sign this code by section SS3 cournent because it catheat is inclu- ired for all submitte d only if Control Co | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pet t (Sections 10-100a 9). The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections one) and the I am some of a section one of the I afform that I am eighbe under the preparation; and the I afform that I am eighbe under the interest and previous as exempt parametric to Business and PRINCIPAL LEARNING DESIGNERS. LIGHTING COMPLIANCE FO BUSINESS OF THE CHECK OF THE SECTION OF THE CHECK OF THE SECTION OF THE CHECK OF THE SECTION OF THE | sition most the requirements of the Business and Preliables of Cultifornia and Park of the Business and Park of Life and a feet Business and Bus | Part 8 (10-10 to Code are price to the Code and the Code are price to the Code are price | 33c), initial in full in d Professions or or electrical since of confessions Cowork, to sign this do (6737.1. UPSS DOX If WORE 2 of 4 are required in require six required in | the Nonresidential Code to sign this code by section SS3 cournent because it catheat is inclu- ired for all submitte d only if Control Co | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gestions 10-100a 3) The operation A maintenance inform Plasse check one: (These sections of Plasse check one: (These sections of Plasse check one: (These sections of Leffmeth at landing but under the preparation; and the I am single under the preparation; and the I affirm that all regible under the preparation; and the I affirm that all regible under the preparation; and the I affirm that all regible under the preparation; and the I affirm that all regible under the preparation of the I affirm that all regible under the I | siden moet the requirements of the Business and Preference of the Institute of California stee its in the State of California stee its in the State of California stee its in an idensed contractor produced or the State of California Conference of California of Complement, Pro-Carifornia of California of Calif | F Part 8 (10-10 to Code are prices are prices are prices are prices and Prices and Prices are prices and Prices are price | ISG). White distribution of professions of crowled in full in distributions of crowled in the c | the Nonresidential Code to sign this code by section SS3 cournent because it catheat is inclu- ired for all submitte d only if Control Co | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |
| Pett (Gestions 10-100a 2) The operation A maintenance inform Plasse check one: (These sections on Plasse check one: (The operations) of the I afform that I am eighbu under the preparation; and the I afform that I am eighbu under the preparation; and the I afform that I am eighbu under the Plasse can provide the I afform that I am eighbu under the Plasse Check of the I afford that I am eighbu under the I afford that I affor | asion most the requirements of the Business and Preliated of the Business and Preliated to the Control of the Business and Preliated to the Institute of California es to in the State of California es to in the State of California es to a fine Business do control of the Business and a fit Business | Pent 8 (10-10) to Code are po Business ann Business and P Business and P Solid | ISG). White distribution of professions of crowled in full in distributions of crowled in the c | the Nonresidential Code to sign this code by section SS3 cournent because it catheat is inclu- ired for all submitte d only if Control Co | Manuel.) document a a loonsed a 7.2 or 6737.2 t pertains to DATE Cled) | us the person chitact. It is sign this a structure of the | n responsible for its document as the per type of work descri LIC. IF |

| PROJECT NAME | E OF COMPLI | | (Part 2 of 4) | DATE | LTG | _ |
|---|---|---|--|----------|--------------|------|
| CAUNE | LO BUENESS PARI | C BLDQ. 4 | | DATE JUN | L 9, 200 | 16 |
| INSTALLED INTERIC | R LIGHTING POWER I | FOR CONDITIONED AND | UNCONDITIONED SP | ACES | | |
| | | | | | INST | ALLE |
| | | INSTALLED LIGHTING, CO | NDITIONED COACES (E | 170 20 | | 113 |
| | | | PORTABLE LIGHTING (From | | ļ ' | 448 |
| | LIGH | TING CONTROL CREDIT, CO | | | Ε- | 20 |
| | | CONDITIONED SPACE ADJU | · · | | - | 21 |
| | | | | | ⊢ | |
| | t | NSTALLED LIGHTING, UNCO | NDITIONED SPACES (From | LTG-2-C) | h | 82 |
| | LIGHTIN | G CONTROL CREDIT, UNCO | NDITIONED SPACES (From | LTG-4-C) | | |
| | UN | CONDITIONED SPACE ADJUS | STED INSTALLED LIGHTING | POWER | = | 48 |
| AREA CATEGORY I | METHOD (From LTG-5-C) O (From LTG-5-C) | | | | W/ | OWE |
| | | | ALLOWED LIGHTI | NG POWER | 57 | 7,80 |
| ALTERNATE COMP | JANCE | | | | | |
| PERFORMANCE MI | G SYSTEM (from LTG-8-C) | | | | w/ | ATTS |
| | ALLOWED INTERIOR L | GHTING POWER FOR UNCO | NDITIONED SPACES (From | LTG-5-C) | <u> </u> | 44 |
| MANDATORY LIGHT | | INTERIOR LIGHTING AN | D DAYLIT AREAS | | | |
| | ND DAYLIGHTING ALITOMATI | CONTROLS CONTROL TYPE | | | | |
| MANDATORY INTERIOR A | | | SPACE CONTROLLED | | ol to for | NO. |
| MANDATORY INTERIOR A CONTROL LOCATION (Room \$, Area \$, or Description) | CONTROK. IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | | ghting | |
| CONTROL LOCATION (Room \$, Area \$, or | CONTROL IDENTIFICATION T.Q. | (Auto Time Switch, Dimming. | Lists the location of | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | _ |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | - |
| CONTROL LOCATION (Room #, Area #, or Description) | IDENTIFICATION | (Auto Time Switch, Dimming, Photosensor, etc.) | Lists the location of controlled lights | Dayii | | |

| | TE OF COMP | <u>`</u> | DAT | | G-1- |
|-------------------|--------------------|---------------------------------------|-------------|--|--------------|
| CAS | FILLO BUSINESS | PARK BLDG. 4 | , DATE | JJN 0, 2 | 000 |
| CONTROLS FOR C | REDIT IN CONDITION | IED AND UNCONDITIONED SPACES | | | |
| CONTROL LOCATION | CONTROL | CONTROL TYPE | LUMINAIRES | LUMINAIRES CONTROLLED | |
| (Room # or Dwg #) | IDENTIFICATION | (Occ Sensor, Daylight, Dimming, etc.) | TYPE | # OF LUMINAIRES | PIELL |
| 101 | | OCCUPANCY SENSOR | Œ | 1 | |
| 102 | | OCCUPANCY SENSOR | æ | 1 | |
| 103 | <u> </u> | OCCUPANCY SENSOR | D/DE | 1/1 | |
| 104 | | OCCUPANCY SENSOR | BE | 8 | |
| 105 | | OCCUPANCY SENSOR | C/OE | 2/1 | |
| 108 | | OCCUPANCY SENSOR | A/AE | 6/4 | _ |
| 107 | , <u> </u> | OCCUPANCY SENSOR | A/AE | 6/4 | _ |
| 106 | - 1 | OCCUPANCY SENSOR | + ^- | 2 | <u> </u> |
| 100 | - 1 | OCCUPANCY SENSOR | A OE | 2 | _ |
| 110 | - | OCCUPANCY SENSOR OCCUPANCY SENSOR | BE | 1 2 | - |
| 103 | | OCCUPANCY SENSOR | 1 = | 3 | |
| 201 | 3 5 | OCCUPANCY SENSOR | A/AE | 8/4 | |
| 202 | 1 = | OCCUPANCY SENSOR | A/AE | 6/4 | |
| 203 | 7.5 | OCCUPANCY SENSOR | CE | 1 | |
| 205 | T I | OCCUPANCY SENSOR | 0/0E | 2/1 | |
| | | | | | |
| | | | 1 | | |
| | | | 1 | 1 | |
| | | | | | |
| | | | • | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | 1 | | |
| | | | | ļ | Ь_ |
| | | | _ | ļ | ! |
| | | | | | |
| | | | 1 | <u> </u> | <u> </u> |
| | | | - | <u> </u> | ├ |
| | | | + | | \vdash |
| | | | - | | |
| | | | | - | |
| | - | | | | |
| | | | | | |
| | I | | | 1 | Щ. |

| ငှ | | OON! | EN EN |
|------|--|------|----------|
| E TO | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | ٠ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| ILVER NGINEERING | JDO Dye |
|---|-----------------|
| TING ENGINEERS | \$ |
| WE, STE. 190, VAN HINE, CA. 9109 6900 FAX. (818) 788-4400 tp://www.eliver-engineering.com | Achieles income |

| JDO Dye | . control |
|---------|-----------|
|---------|-----------|

| | 35 | * | |
|--|------------------------------|--------------------------|-------------------------------|
| 5376 N. St Westlake Phone i Fax 8 | erling Village 818. 70 | Con CA 06. 6. 2 | ter Dr 9136 3997 453 |

| WALLES. |
|-----------|
| Revisions |
| |
| |
| |
| |
| |

CABRILLO BUSINESS PARK BUILDING NO. 4

6767 HOLLISTER AVE. GOLETA, CA

TITLE 24 -INTERIOR

| Date: | 16-NOV-09 |
|----------|-----------|
| Job: | 8220903 |
| Drawn by | |

E-7.0

| | RIOR LIGHTIN | IG SCH | EUUL | <u> </u> | (Pa | rt 1 of 2) | | | TG-2-0 |
|---------|---------------------|--------------|-------------------------------|-------------------|-----------------------|------------------|------------------|----------------------|-------------------------|
| PROJECT | CABRILLO BUE | MESS PA | RK BLDG | . 4 | | | DATI | JUN. 0 | 2009 |
| INSTA | LLED LIGHTING POWER | R FOR COND | MIONED S | PACES | | | | | |
| | LUMINAIRE | | LAMPS/BAL | | | | | LED WATTS | |
| A | В | C | . 0 | E | F No. of | G | н | | 3 |
| Name | Type Description | Lamp Type | No. of Lamps/ Luminairs | Watts Per Lamp | Ballast/ Luminaira | Watts/ Lumin. | # CEC Defauit | No. of Luminaires | Installed We (H X J) |
| | RECESSED MOUNT. | 9 | 4 | 3 | 1 | 12 | | 28 | 336 |
| | LED DOWNLIGHT | | | | | | | <u> </u> | |
| AE. | RECESSED MOUNT. | UED | 4 | 3 | 1 | 12 | | 20 | 240 |
| | LED DOWNLIGHT | | | | | | | | |
| DE | WALL MOUNTED | POSETS | 2 | 322 | 1 | 63 | | 8 | 504 |
| | 2-LAMP, 4" FLUOR | | <u> </u> | | | | ļ | ļ | |
| Œ | PEN MTD., 1-LAMP | POS2T6 | 1 | 322 | 1 | #2 | | 42 | 1,344 |
| | 4' FLUORL STRIP | | | | | | ļ | <u> </u> | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | - | | | | | | |
| | <u> </u> | | | | | | | | |
| | | | | | | | | İ | |
| | | | ļ | | | | ļ | | ļ |
| | | | | | | | | + | |
| | | | | | | | | F | |
| | | | | | | | | | |
| | | | ļ | | | | | | |
| | | | | | | | | | |
| | | - | - | | - | | - | | ļ |
| | · | | L | J | | | | | |
| | | | | | | | | AGE TOTAL | 2,42 |
| | | | | | | BUILDING | OTAL (sum | of all pages) | · 2,424 |
| | | | | | P | CHIANTELL | CHTING (En | om LTG-3-C | l. (|

| | RIOR LIGHTIN | IG SCH | EDUL | E | (Pa | rt 2 of 2) | | | TG-2-C |
|---------|---------------------|--------------|--|-------------------|--|------------------|-------------------|--|---------------------------|
| PROJECT | CABRILLO BU | MESS PA | RK BLDG | L 4 | | | OATI | JUN. 8 | , 2009 |
| NSTA | LLED LIGHTING POWER | R FOR UNCO | NOITIONE | D SPACES | 3 | | | | |
| | LUMINAIRE | | LAMPS/BAL | LASTS | | - | INSTAL | LED WATTS | |
| A | 8 | С | D | Ε | F | G | Н | | J |
| Neme | Type Description | Lamp Type | No. of Lemps/ Luminaire | Wetts Per Lamp | No. of Ballast Luminaire | Watts/ Lumin. | If CEC Default | No, of Luminaires | Installed Watt (H X J) |
| BE | WALL MOUNTED | FOS2T8 | 2 | 32 | 1 | 63 | | 1 | 63.0 |
| | 2-LAMP, 4" FLUOR. | | | | | | | | |
| c | PEN. MTD., 1-LAMP | PO32T6 | 1 | 82 | 1 | 30 | 1 | 4 | 120.0 |
| | 4' FLUORL STRIP | | | ļ . | | | | | |
| Œ | PEN MTD., 1-LAMP | POSZTS | 1 | 22 | 1 | 32 | ├ | 5 | 160.0 |
| | 4" FLUOR. STREP | | | <u> </u> | | | | | |
| D | PEN. MTD., 2-LAMP | FOS2T8 | 2 | 22 | , | 67 | 1 | - | 57.0 |
| | 4' FLUOR. STRIP | | | | | | | | |
| DE | PEN MTD, 2-LAMP | FO32T8 | | \$2 | 1 | 63 | ├ | — | 63.0 |
| | 4" FLUOR. STREP | 1000.0 | <u> </u> | | <u> </u> | | † | | - |
| E | WALL MOUNTED | A10 | 1 | 80 | 1 | 60 | | | 60.0 |
| | MICANDESCENT | | - | - | | -~ | | - | |
| | | | | | | | | | |
| | | ļ | ├ | ├ | - | ļ | | | |
| | | . | | | | | | | |
| | | | | | | | | | |
| | 1 | | | ┼── | | | | | |
| | | | | | | | | | |
| | - | | - | - | 1 | | 1 | 1 | - |
| | | | | | | | 1 | | |
| | | | | | | | | | |
| | | | | | | OLUL OINC T | | AGE TOTAL | 623.0 |
| | | | | | | | | | |

| the boxes by all acceptance tests that apply and set at explorent that require an acceptance less. If all explorent of explorent that require an acceptance less. If all explorent of explorent description and the number of systems to be tested in premised. The If a number description the Section is Meanual that describes the test. Also indicate the person responsible for performing the tests (a. the installing controlled to the control of the section will allow responsible party to budget for by the overeit, Since this form will be part of the plans, completion of this section will allow responsible party to budget for | oertain type requires a test, list the n the Appendix of the Nonresidential ACM r, design professional or an agent selected |
|--|---|
| Building Departments: | |
| Systems Acceptance. Before an occupancy permit is granted for newly constructed building or space, or a new space space is operated for normal use, all control devices serving the building or space shet be certified as meeting the Acceptance of the space of the sp | ptance Requirements for Code |
| Certifies plans, specifications, installation certificates, and operating and meintenance information meet the req. §10-103(t) and Tale 24 Part 8. | purements of |
| Test Description | Test Performed By: |
| LTG-2-A: Lighting Control Acceptance Document | |
| Occupancy Sensor Acceptance Occupancy Sensor Acceptance | l. |
| Manual Daylight Controls Acceptance | ı |
| Automatic Time Switch Control Acceptance | i |
| Equipment requiring acceptance testing OCCUPANCY SENSORS | |
| | 1 |
| | i |
| | |
| TI ITO A A A I | |
| ☐ LTG-3-A: Automatic Daylight Controls Acceptance Document | 1 |
| Equipment requiring acceptance testing | |
| | l |
| | |
| | |
| | [|
| | l |
| | 1 |
| | |
| | |
| | |
| | i |
| | |
| | |
| | 1 |
| Market and the second s | 1 |
| | |
| | |
| | l |
| | l |
| | l |
| | i |
| | |

(Part 4 of 4)

LTG-1-C

CERTIFICATE OF COMPLIANCE

PROJECT HAME CABRILLO BUSINESS PARK BLDQ. 4

| 2,424.0 | Г | GE TOTAL | PA | | |
|---------|---|------------|-----------|--------|------------|
| 2,424.0 | · | all pages) | L (sum of | ING TO | BUILE |
| 0.0 | ٠ | LTG-3-C | ING (Fron | LE UG | XXX |
| 206.4 | ŀ | LTG-4-C) | DIT (from | TROL C | CON |
| 2,217.8 | ш | NL WATTS | D ACTU | ADJUS | |

| idental Compilance Form | April 2005 |
|-------------------------|----------------|
| | |

| LIGHTING CONTROLS CREDIT WORKSHEET | (Part 1 of 2) | LTG-4-C |
|---|---------------|-------------------|
| CONTROL CREDITS FOR CONDITIONED SPACES | | |
| PROJECT HAVE CABRILLO BUSINESS PARK BLDQ, 4 | | DATE JUIL 9, 2009 |
| | | |

| | | | | | | | | 1 | , 2000 |
|---|---------------------------------|--------------------|---------------------|-------|--------------------|-----------|---------------------------------|------------------------|----------------------------|
| Α | П в | C | р | ΠE | F | G I | н | | 1 |
| ROOM # 20NE ID CONDITIONED AREAS | LIGHTING CONTROL DESCRIPTION | PLANS REFERENCE | ROOM AREA (R) | WHDOW | AYLIGHT Obesing | EFFECTINE | WATTS OF CONTROL LIGHTING | LIGHTING ADJUSTMENT | CONTROL CREDIT WATTE |
| 104 | OCCUPANCY | 6-2.0 | 260 | N/A | N/A | N/A | 160 | FACTOR 7 | (HXI) |
| 106 | OCCUPANOY | E-2.0 | 263 | N/A | N/A | N/A | 120 | 0.2 | 24.0 |
| 107 | COOUPANOY | 5-20 | 263 | N/A | N/A | N/A | 120 | 0.2 | 24 |
| 108 | COOUPANOY | 5-20 | 72 | N/A | N/A | N/A | 34 | 0.2 | 4 |
| 100 | OCCUPANDY SERVICE | E-20 | 72 | N/A | N/A | N/A | 24 | 02 | <u> </u> |
| 111 | II OCCUPANOY I | 5-20 | 200 | N/A | N/A | N/A | 126 | 02 | 25 |
| 113 | OCCUPANOY | 5-2.0 | 260 | N/A | N/A | N/A | 180 | 0.2 | 37. |
| 201 | CONTRACTO | 5-10 | 252 | N/A | N/A | N/A | 120 | 02 | 24 |
| 202 | COCUPAGOY | B-3.0 | 262 | N/A | N/A | N/A | 120 | 02 | 24. |
| | | | | | | | | | |
| | | | | | | | | | |
| 1) From Equ 2) From Tab | | | | | | | , | PAGE TOTAL | 206 |
| | | | | | | | | .TG-2-C: Lighting (| |

| Α | В | C | _ D | Ì € | L.F. | G | н | | J |
|---|---------------------------------|--------------------|----------------------|------------------------|--------------------------|-----------------------|---------------------------------|-----------------------------------|-------------------------------------|
| ROOM # ZONE ID UNCONDITIONED AREAS | LIGHTING CONTROL DESCRIPTION | PLANS REFERENCE | ROOM AREA (ft) | WMDOW WALL BAIRD | AYLIGH Obusivo W.T | EFFECTIVE APERTURE | WATTS OF CONTROL LIGHTING | LIGHTING ADJUSTMENT FACTOR? | CONTROL CREDIT WATTS (NXI) |
| 101 | OCCUPANCY SERVICES | 5-2.0 | 40 | N/A | N/A | N/A | 32 | 0.2 | 6.4 |
| 102 | , vaganian. | 5-2.0 | 50 | N/A | N/A | N/A | 63 | 0.2 | 12.6 |
| 103 | OCCUPANCY STREET | E-2.0 | 120 | NA | N/A | N/A | 120 | 0.2 | 24.0 |
| 106 | COOUPAGOT | 5-2.0 | 190 | N/A | N/A | N/A | 92 | 0.2 | 18.4 |
| 110 | COOLUNATION | E-2.0 | 50 | N/A | N/A | N/A | 32 | 0.2 | 6.4 |
| 203 | OCCUPANTY | E-3.0 | 86 | WA | N/A | N/A | 32 | 0.2 | 6.4 |
| 205 | COCUPANDY | 5-3.0 | 160 | N/A | N/A | N/A | 82 | 0.2 | 18.4 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | L | | | | | |
| | | | | | İ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| From Equat From Table | | | | | | | | PAGE TOTAL | 92.6 |
| | | | | | | | | BUILDING TOTAL | |
| | | | | | | | Enter in I | LTG-2-C: Lighting (| Control Credit |
| | | | | | | | | | |
| | | | | | | | | | |

LIGHTING CONTROLS CREDIT WORKSHEET (Part 2 of 2) LTG-4-C

JUN 9, 2000

CABRELO SUSMESS PARK BLDQ. 4

2005 Nonresidential Compliance Forms

January 2006

| PROJECT NAME CABRILLO BUSINESS PARK BLDQ. 4 | DATE JUNE 9, 2009 | | | | |
|--|------------------------|-------------------------------|------------------|--|--|
| ALLOWED LIGHTING POWER (Choose One Method) | | | | | |
| COMPLETE BUILDING METHOD - CONDITIONED SPACES | | | | | |
| BUILDING CATEGORY (From § 148 Yable 148-B) | WATTS PER (SQ. FT.) | COMPLETE BLDG, AREA | ALLOWED WATTS | | |
| | | | L | | |
| AREA CATEGORY METHOD - CONDITIONED SPACES | | | | | |
| Α : | 8 | С | a | | |
| BUILDING CATEGORY (From § 148 Table 148-C) | WATTS PER (SQ. FT.) | AREA (SQ. FT.) | ALLOWED WATTS | | |
| SUPPORT AREAS (STAIRS, TOLETS, SHOWER) | 0.6 | 1,874 | 1,134.4 | | |
| LOBBY | 1.6 | 1,882 | 1,998.0 | | |
| TERANT LEASE SPACE | 10 | 84,563 | 54,563.0 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | TOTALS | 57,769 | 67,884.4 | | |
| TAILORED METHOD - CONDITIONED SPACES | | AREA | WATTS | | |
| THEOREM INCHION OF HOLE | TOTAL AL | LOWED WATTS (From LTG-6-C) | | | |
| UNCONDITIONED SPACES | | | | | |
| A | 8 | С | D | | |
| Complete Building and Area Category Methods CATEGORY (From § 148 Table 148-B & C) | WATTS PER (SQ. FT.) | AREA (SQ. FT.) | ALLOWED WATTS | | |
| BLEC. RMS., ELEV. EQ. RM., PIRE SPRINKLER RM. | 0.7 | 590 | 87L0 | | |
| SUPPORT AREAS LIANITOR, VESTIBULE) | 0.6 | 116 | 69.0 | | |
| | | | | | |
| | | | | | |
| | TOTALS | 645 | 440.0 | | |
| | | AREA | WATTS | | |
| TAILORED METHOD - UNCONDITIONED SPACES | | • | | | |

April 2005

| S | SILVER ENGINEERING |
|--|--|
| OONS THAT WOO THE GES INTERNE | A OALFORMA COMPONENTS: BLULTINGS ENCONSERVES DULY AVE, STE 100, VAN RIVE, CA SUC 786-6900 FAX. (519) 786-4400 Tri http://www.siver-engineering.com |

. Principal of the Control of the Co

| Revisions |
|-----------|
| |
| |
| - |
| |
| |
| |

| CABRILLO |
|---------------------------|
| CABRILLO BUSINESS PARK |
| BUILDING NO 4 |

6767 HOLLISTER AVE. GOLETA, CA

TITLE 24 -INTERIOR

18-NOV-00

8E20903

18 1. BULDING LIGHTING SHUT-OFF The building lighting stutt-off system consists of an automotic time settch, with a zone for each floor: or the building is expenditly metared and exampt from the stut-off requirement. [8] 2. OVERRIDE FOR BUILDING LIGHTING SHUT-OFF. The automatic building stut-off system is provided with a manual accessible override switch in eight of the lights. The area of override is not to exceed 5,000 square feet. [8] 3. AUTOMATIC CONTROL DEVICES CERTIFIED All carbomotic control devices specified are certified, all attemate explanent shall be certified and inetalled as directed by the manufacturer. [ii] 4. FLUCRESCENT BALLAST AND LIMMANES CERTIFIED All fluorescent factures subject to certification and specified for the projects are certified. III 5. INDIVIDUAL ROOM/AREA CONTROLS Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor—to—ceiling walls. III 6. UNFORM REDUCTION FOR INDIVIDUAL ROOMS All rooms and onese greater than 100 separa feet and more than 0.5 watts per source feet of lighting load shall be controlled with Madit-level wellthing for uniform reduction of lighting within the room. 7. DAYLIGHT AREA CONTROL.
All rooms that are greater than 250 square feet and contain windows and sulplinks, that close for the effective use of dought in the area shall have 50% of the lightling power in each daylit area controlled by a separate settat, or The effective use of daylight throughout cannot be accomplished because the sindows are continuously shaded by a building on the adjacent lot. Diagram of shading during different times of year is included on plans.

MANDATORY MEASURES - INTERIOR LIGHTING

| | | FIXTURE S | (| CF | I E | D | U | LE | ® | | |
|------|--------------|---------------------------|--------|------|-------|---------------|------|-------|----------|--------------|-------------|
| TYPE | MANUFACTURER | CATALOG NO. | ٦ | SURF | | NTING WALL | PEND | TOTAL | NO. | LAMP TYPE | REMARKS |
| .Α | OREE | LR60-QU24-LT6WH-R06 | \neg | | • | | | 12 | - | SCOOK LED | |
| AE | OREE | LRSC-QU24-LTSWH-ROS | \neg | | • | | | 12 | - | 3600K LED | a |
| 86 | LETHONIA | CA-222-MYOLT-GEB10RS-EL14 | \neg | • | | • | | 63 | 2 | POSST8/836 | (4) |
| 0 | LITHONIA | C-132-MVOLT-GES 10R8 | | _ | | | | 30 | 1 | F032T8/836 | |
| Œ | LITHONIA | C-122-MVOLT-GEB10RS-EL | \neg | • | | 1 | • | 32 | 1 | FORETR/886 | (3) |
| D | LITHONEA | C-283-MVOLT-GEB10RS | \neg | i | | — | | 57 | 2 | F032T8/835 | |
| DE | LITHONEA | C-232-MVOLT-GEB10R8-EL14 | \neg | • | | | | 63 | 2 | PO32T8/835 | (A) |
| E | (ANY) | (CEYLESS) | \neg | | | | | 60 | 1 | A10 | |
| • | KIM | 3096-70MH277/ED17-DB | | 11 | 1 - 0 | RAD | E | 86 | 1 | 70MH/ED17 | (5) |
| H | AAL | FML8X-100MHEB-DBZ-DMCU | | | | | T | 115 | 1 | 100MH/ED17 | (a)(a) |
| Ł | AAL, | ABL10-RE-EYE-100MH-277V | \neg | | • | | | 116 | 1 | 100MH/ED17 | |
| M | BEGA | 2026P-277V | \neg | | • | | | 42 | 1 | 30W CFL | 00 |
| N | BEGA | 3126P-277V | | | • | | | 42 | 1 | 30W OFL | ØØ |
| XI | LITHONEA | LCM-8W-1-R-120/277-ELM | _ | | | | | 10 | _ | MOL | 0 |
| XX | LITHONIA | LOM-SW-3-R-120/277-ELN | | | | | • | 10 | - | MOL. | 0 |
| | | | | | | | 1 | | | | |
| | | | \neg | | | | | 1 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | , |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | \neg | | | | | 1 | I | | |
| | | | | | | | | T | | 1 | |
| | | | | | | 1 | | | | | |

January 2006

2005 Nonresidential Compliance Form

1)- FOXTURE WITH BITEGRAL BATTERY PACK.

(3)- ALL FLUORESCENT FOXTURE BALLASTS SHALL HAVE A MINIMAM O.SS BALLAST FACTOR RALESS OTHERWISE NOTEDI.

(3)- PROVIDE FOXTURE WITH BERNGENOY BATTERY PACK.

(4)- THE 2-LAMP BALLAST SHALL BE "PARALLEL LAMP OPERATION" TYPE EMERGENOY POWER PACK AND BALLAST COMBINATION SO MINUTE OPERATION, 1400 LUMENS MINIMAM FOR EMERGENCY EGRESS LIGHTING.

(5)- VERST PRISSH WITH COWNER.

(6)- BOTTOM OF LIGHT FIXTURE IS \$60" ABOVE FRIENDED GRADE.

(6)- BOTTOM OF LIGHT FIXTURE IS \$60" ABOVE FRIENDED WALKWAY GRADE.

(6)- BOTTOM OF LIGHT FIXTURE IS \$60"-0" ABOVE FRIENDED WALKWAY GRADE.

(6)- BOTTOM OF LIGHT FIXTURE IS \$60"-0" ABOVE FRIENDED WALKWAY GRADE.

(6)- BOTTOM OF LIGHT FIXTURE IS \$60"-0" ABOVE FRIENDED WALKWAY GRADE.



| G | JDO Dyer |
|------|----------|
| 1400 | ,, |

Revisions

| | | | | | | 5376 N. Sterling Ce Westloke Village, C Phone BIB. 708. Fax 818. 706. |
|----------------------|-----------------------------|-----------------------|------------------------------|---------|----------------|--|
| LIGHTING CO | OMPLIANCE SUMMAR | Y | (Part | 2 of 4) | OLTG-2-C | Fax 818. 706. |
| PROJECT NAME CABRILL | LO BURNESS PARK BLDG. 4 | | | DATE | JUN. 9, 2009 | 1 |
| LIGHTING POWER AL | LOWANCES- LOCAL ORDINANCE (| TABLE 147-C) OR SECUR | TY MULTIPLIERS (TABLE 147-D) | | | 1 |
| | ALLOWED WATTS | LUMINAIRE | LAMPS/BALLASTS | II IN | ISTALLED WATTS | 7 1 |

| | ALLOWED WATTS | | | | LUMINAIRE | L. | LAMPS/B | | INSTALLED WATTS | | | | | | |
|-----------------------------------|---|--|--|--|-------------------------------|-------------------------|--|-----------|-------------------------------------|-------------------|------------------------------------|------------------------|-----------|-----------|--|
| Α | 8 | C | D | E | F | G | Н | -1 | 7 | K | L | М | N | ٥ | Р |
| LIGHTING APPLICATIONS CATEGORY | AREA (Ft. ²) or LENGTH (LF) | ALLOTED LPD W/Ft ² or W/LF | SECURITY MULTIPLIER IF APPLICABLE OR "147-C" | ALLOTTED WATTS (B×C×D) OR (B×C) | CODE FOR LUMIN, TYPE | DESCRIPTION | CUTOFF | LAMP TYPE | NUMBER OF LAMPS PER LUMINAIRE | WATTS PER LAMP | NUMBER OF BALLAST PER LUMIN. | WATTS PER LUMINAIRE | > DEFAULT | NUMBER OF | WATTS (M x O) |
| WALKWAY | 8,683 | .17 | 2 | 2,952.0 | A | PRICES STO DOWNLIGHT | Ę | LED | 4 | 3 | 1 | 12 | | 9 | 106. |
| | L | | | | 9 | HATADE HTD | PULL | HLD. | 1 | 70 | 1 | 86 | | 8 | 810. |
| | | | | | H | WALL BITD | FULL | HLD. | 1 | 100 | 1 | 115 | | 10 | 1,150. |
| | | | | | L | COLUMN METO | ᄣ | HLD. | 1 | 100 | | 115 | Ш | 8 | 600. |
| | | | | | | | \square | L | | | | | | | |
| | | | | | | | \sqcup | | | | Ш | | | | 2,484. |
| | | | | | | | \sqcup | <u> </u> | | | | | | | |
| | | | | | <u> </u> | | \sqcup | | | | - | | | | L |
| | | | | | _ | | Ш | | | | $\vdash \vdash$ | | \vdash | | |
| | — | | | | \vdash | | \vdash | | | | $\vdash \vdash \vdash$ | | \vdash | | |
| | \vdash | - | | | - | | \vdash | | | | H | _ | - | | |
| | - | | | | | | \vdash | | | | \vdash | | \vdash | | <u> </u> |
| | \vdash | | —— | - | | | Н | <u> </u> | | _ | | | Н | | |
| | | | | | \vdash | | - | | | | $\vdash \vdash$ | <u> </u> | - | | |
| | — | | | | | | \vdash | | | | \vdash | | \vdash | | |
| | \vdash | | | | | | $\vdash \vdash$ | | | - | \vdash | | Н | | |
| | | | | | | | Н | | | | | | \vdash | | - |
| | 1 | | | | | | \vdash | | | | \vdash | | \vdash | | |
| | | | | \vdash | | | | \vdash | | | \vdash | —— | - | | |

| CERTIFICATE OF COMPLIANCE | (Part 1 of 2) | OLTG-1-0 |
|---|--------------------------|--|
| PROJECT HAVE CABRILLO BUSINESS PARK BLDG. 4 | | DATE JUN. 9, 2009 |
| PROJECT ADDRESS 6767 HOLLISTER AVENUE, GOLETA, CA | | |
| PRINCIPAL DÉSIGNÉR-LIGHTING MICHAEL J. SELVER | TELEPHONE (816) 786-6900 | |
| DOCUMENTATION AUTHOR MICHAEL J. SILVER | TELEPHONE (818) 788-8900 | Checked by/Data Enforcement Agency Uses |
| GENERAL INFORMATION | -1 . | · · · · · · · · · · · · · · · · · · · |
| DATE OF PLANS NOV. 15, 2009 OUTDOOR LIGHTING ZONE (| One) | ⊞ LZ3 □ LZ4 |
| FUNCTION TYPE OUTDOOR LIGHTING 0 | UTDOOR SIGNS | INDOOR SIGNS |
| PHASE OF CONSTRUCTION NEW CONSTRUCTION A | DDITION ALTERATION | |

I affirm that I am eligible under the provisions of DMsion 3 of the Business and Professions Code by section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.

I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this doc work described as example pursuant to Business and Professions Code Sections 5537, 5538 and 6737.1.

| PRINCIPAL LIGHTING DESIGNER NAME MONAEL J SILVER | | SIGNATURE | DATE | LIC. # | | |
|---|--|---|---|-----------------------|--|--|
| INSTRUCTIONS TO | APPLICANT O | UTDOOR LIGHTING COMPLIAN | CE & WORKSHEETS (/ box | if worksheet is inc | | |
| For detailed instructions on the Cetifornia Energy Commission | na usa of this and eli n. | Energy Efficiency Standards compliance form | ns, please refer to the Nonresidential Ma | rual published by the | | |
| OLTG-1-C | Contificate of Compliance. Required on plans for all submittals for outdoor lighting. Part 2 of 2 may be incorporated in achedules on the plane. | | | | | |
| | 1. Usa 2. Usa 3. Usa | TG-1-C or OLTG-1-C may be used for eigns to LTG-1-C if the project consists solely of indo- LTG-1-C if the project consists of indoor light IDLTG-1-C if the project consists solely of our OLTG-1-C if the project consists solely of our lighting. | or signs. ing, and outdoor or indoor signs, but no idoor signs. | | | |
| OLTG-2-C | LIGHTI | LIGHTING COMPLIANCE SUMMARY. Applicable Parts required for ALL outdoor lighting allowances (Except for signs) | | | | |
| OLTG-3-C | AREA (| AREA CALCULATIONS WORKSHEETS, Applicable Parts required for all outdoor area calculations. | | | | |
| OLTG-4C | SIGN LIGHTING COMPLIANCE. Required for all internally and externally fluminated signs, for both indoor and outdoor signs. | | | | | |

2005 Nonresidential Compliance Forms

OLTG-1-C

DATE JUN. 9, 2009

(Part 2 of 2)

CERTIFICATE OF COMPLIANCE

Lighting power sllows Part 3 of 4 Not Applicable

PROJECT NAME CABRILLO BUSINESS PARK BLDQ. 4

Lighting Schedules on Plans Show that Outdoor Lighting Meets Allowed Lighting Power Lighting power allowances for general site illumination on OLTG-2-C Part 1 of 4

Ughtling power allowances for local ordinances or for security multipliers on OLTG-2-C Part 2 of 4
 Not Applicable

| PROJECT NAME CARRELLO BURNESS PARK BLDQ. 4 | | | | | DATE JUNE 0, 2000 | | |
|--|--|---|---|-------------------|---|--|--------------------------------|
| ARDSCAPE- METHOD (I) | | | | | | | • |
| A. Hardscape for automotive vehicu | ar use, including parking lots, | driveways and sit | e roads | | | · · · · · · · · · · · · · · · · · · · | |
| Α | В | С | D | E | F | G | н |
| | Actual Paved Area 5' | AREAS (FL ²) TO SUBTRACT FROM WITHIN ILLUMINATED. | | | AREA | | |
| LIST SPECIFIC APPLICATION (Table 147-A) | perimeter of adjacent unpaved land, includes planters and landscaped areas less than 10" wide that are enclosed by hardscape on at least 3 sides | Areas between poles or luminaires that are greater than 8 mounting height distance (if Applicable) | OVERLAPPING AREAS OF ANOTHER APPLICATION OR LUMINAIRE | BUILDING AREAS | AREAS OBSTRUCTED BY SIGN OR OTHER STRUCTURE | SUBTOTAL OF AREAS TO SUBTRACT (C+D+E+F) | ILLUMINATEI AREA (B - G) |
| Hardscape for pedestrian use, inc A | duding plazas, sidewalks, walk | С | 0 | € | F | g | н |
| LIST SPECIFIC APPLICATION (Table 147-A) | Actual Paved Area plus 5' of unpaved land on either side of path of travel. Shall include all contiguous paved area before including adjacent grounds. | AREAS (F Areas between poles or luminaires that are greater than 6 mounting height distance (if Apolicable) | OVERLAPPING AREAS OF ANOTHER APPLICATION OR LUMINAIRE | BUILDING AREAS | AREAS OBSTRUCTED BY SIGN OR OTHER | SUBTOTAL OF AREAS TO SUBTRACT (C+D+E+F) | ILLUMINATEO AREA (B - G) |

(Part 1 of 4) OLTG-2-C

DAYE JUIL 9, 2009

LIGHTING COMPLIANCE SUMMARY

CABRILLO BUSINESS PARK BLDQ. 4

SHTING POWER ALLOWANCES- GENERAL SITE ILLUMINATION - (TABLE 147-A

TOTAL ALLOTTED WATTS 786.0

2005 Nonresidential Compliance Form

CHECKLIST

§ 147(c)1 B- Each portion of all illuminated areas has been assigned only one lighting application, and the applications are consistent with the actual use of the areas. § 147(c)1 A- General Bumination areas includes only those Buminated areas that are in the bounds of the Application and are within a square pattern around a luminative that is six times the luminative mounting height, with the luminative in the middle of the pattern, less any ereas that are within buildings, under canoples, beyond property lines, or obstructed by a sign or other structs.

2005 Nonresidential Compliance Form

| ILLUMINATED AREA CALCULATION WORKSHEET | (Part 2 of 5) OLTG-3-C |
|--|---|
| PROJECT NAME CABRILLO BUBNESS PARK BLDG. 4 | DATE JUIL 9, 2008 |
| A. HARDSCAPE- METHOD (II) | |
| Hardscape for driveways, site roads, sidewalks, walkways and bikeways- | |
| A | 8 |
| LIST SPECIFIC APPLICATION (Table 147-A) | LENGTH OF 25 WIDE PATH INCORPORATING AS MUCH OF THE PAVED AREA AS POSSIBLE |
| | |
| | |
| | |

S 147(c)1 8 Method 3- General illumination areas for site roadway, driveway, sklewalk, walkway, or bixeway includes only those illuminated areas that are in the bounds of the Apinckides e 25 foot wide area running along the exts of the path of travel and includes as much of the paved area as possible

| B. BUILDING ENTRANCES WITHOUT CANOPIES | | |
|--|---|-------------------------------------|
| Α | 8 | С |
| WIDTH OF DOOR PLUS 3 FEET | SMALLER OF 18 FEET OR DISTANCE TO THE EDGE OF THE PROPERTY LINE | AREA (A x B) (FT. ²) |
| 12 | 16 | 216 |
| 12 | 16 | 216 |
| # | * | 216 |
| 12 | * | 216 |
| 2 | ** | 216 |
| | | |

CHECKLIST

§ 147(c)1 8- Each portion of all illuminated areas has been essigned only one lighting application, and the applications are consistent with the actual use of the areas. § 147(c)1 A-General filumination areas includes only those illuminated areas that are in the bounds of the Application and are within a square pattern around a luminatire that is six times the luminatire mounting height, with the luminatire in the middle of the pattern, less any areas that are within buildings, under canoples, beyond properly lines, or obstructed by a sign or other shucts

CABRILLO **BUSINESS PARK BUILDING NO. 4**

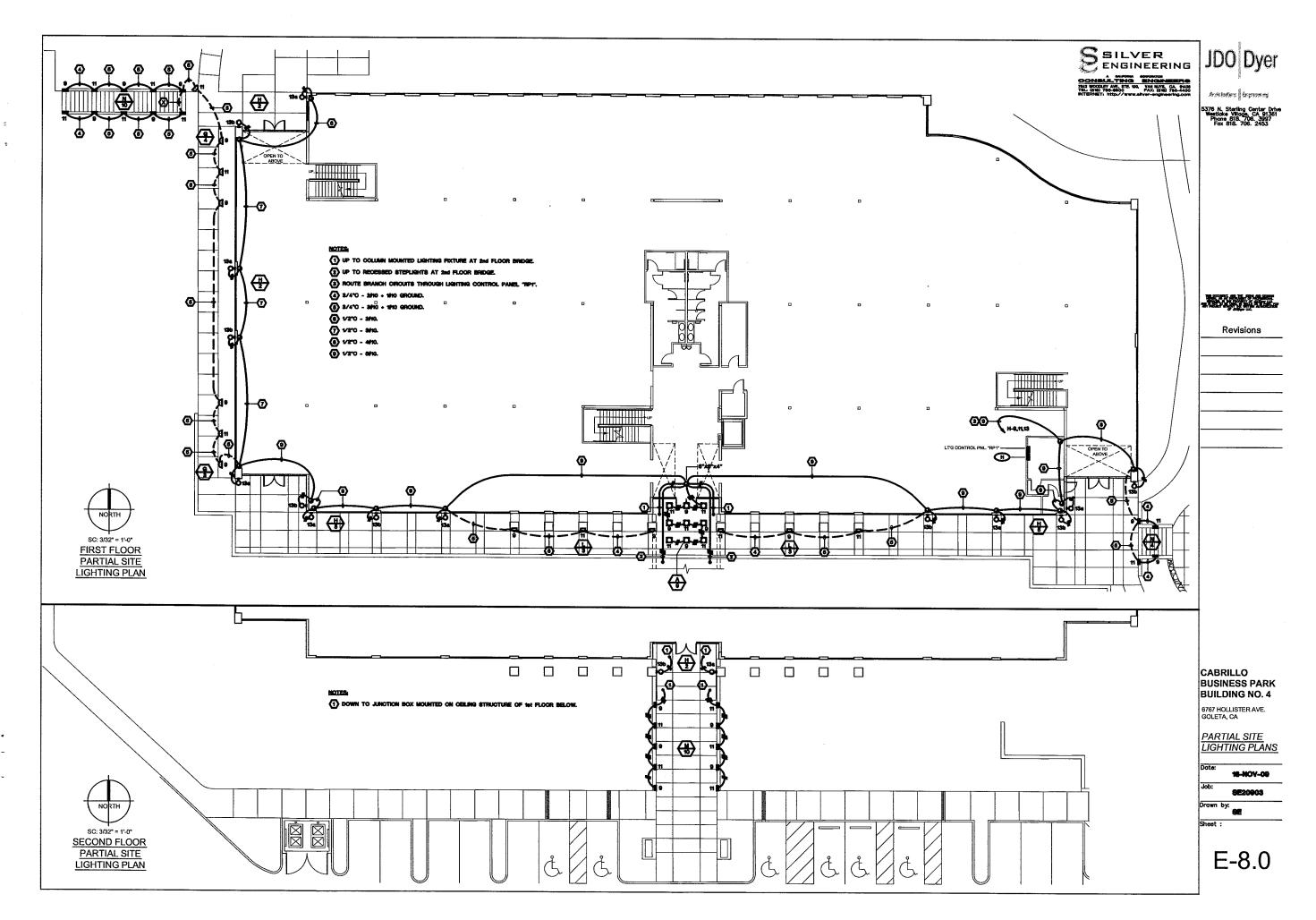
6767 HOLLISTER AVE. GOLETA, CA

TITLE 24 -**EXTERIOR**

> 16-NOV-09 **8E20903**

E-7.2

| Mot Applicable | illowances for vehicle s | ervice station canopies on OLTG-2-C Part | 4 of 4 | |
|---|---|---|-------------------------------|----------|
| Sign lighting cor | npliance on OLTG-4-C | | | |
| | on Plans Show that ins of Note Block for Ma | Outdoor Lighting Meets Outdoor Lighti andatory Measure | ng Controls and Equipm | ent |
| Installed lighting Not Applicable | power has been deten | nined in accordance with § 130(c)1 | | |
| All permanently per watt or are o | Installed luminaires with controlled by a motion s | h lamps rated over 100 watts either have a ensor \S 132(b) | lamp efficacy of at least 60 | lumens |
| | | than 175 watts in hardscape areas, including the Cutoff Requirements of § 132(b) | ng parking lots, building ent | ances, |
| All permanently Not Applicable | installed autdoor lightin | g meets the Control Requirements of § 13 | 32(c)1 | |
| Building facades Requirements of Not Applicable | s, parking lots, garages, f § 132(c)2 | canopies, and outdoor sales areas meet ti | ne Multi-Level Lighting | |
| MANDATORY AUTO | MATIC CONTROLS | | | |
| CONTROL LOCATION | CONTROL IDENTIFICATION | CONTROL TYPE (Auto Time Switch/Photosensor, etc.) | AREA CONTROLLED | NOTE 1 |
| ELECTRIC ROOM | T.Q. | AUTO TIME SWITCH | BLD'S EXTERIOR | |
| | | PHOTOSINISOR | | |
| | | | | |
| | | | | |
| | | | 1 | |
| | | | | l |
| | | | Д | JI |
| 005 Nonresidentiel Compli | ance Forms | | Sac | tember 2 |
| | | | 30, | |
| | | | | |



Ð

