

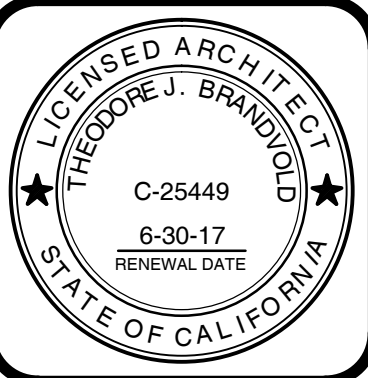
## GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXACT CONDITIONS AND DIMENSIONS IN THE FIELD.
- CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS, CONTRACTOR SHALL NOTIFY THE ARCHITECT.
- ALL FRAMING DIMENSIONS ON PLAN, UNLESS NOTED OTHERWISE, ARE TO THE FACE OF STUD FRAMING AND TO THE FACE OF THE EXTERIOR EDGE OF THE BUILDING SLAB.
- ADEQUATELY PROTECT ALL PERSONNEL AND THE PUBLIC FROM HARM AND ACCIDENTS DURING WORK OF THIS PROJECT, BY THE ERECTION OF PROPER BARRICADES, SIGNS AND LIGHTING AS MAY BE NECESSARY.
- ADEQUATELY PROTECT FROM DAMAGE TO EXISTING BUILDINGS AND SURFACES ADJACENT TO WORK OF THIS PROJECT.
- NO ENCLOSURE, SHIELD, OR PROTECTIVE COVERING SHALL INTERFERE WITH USE OF FIRE LANES OR PUBLIC EGRESS AT ANY TIME.
- ALL RUBBISH AND DEBRIS SHALL BE HAULED AWAY FROM THE SITE PROMPTLY AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- EXCESSIVELY NOISY OR DISRUPTIVE FUNCTIONS SHALL BE PERFORMED AT TIME OF MINIMUM INTERRUPTION TO NORMAL BUSINESS OPERATION.
- CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATIONS OF WASTE OR RUBBISH CAUSED BY HIS EMPLOYEES OR WORK, OR THE EMPLOYEES OR WORK OF THE SUBCONTRACTOR AND AT THE COMPLETION OF THE WORK SHALL REMOVE ALL DEBRIS FROM AND ABOUT THE PROJECT AREA AND SHALL LEAVE THE AREA IN A "BROOM CLEAN" MANNER.
- NO MATERIAL OR EQUIPMENT SHALL BE LEFT ON THE PROJECT SITE OVERNIGHT UNSECURED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING CONCRETE WALKS, LANDSCAPING, IRRIGATION SYSTEMS, ETC., WHICH MAY BE DAMAGED BY WORK OF THIS PROJECT.
- ALL CONSTRUCTION SHALL CONFORM TO CURRENT STATE AND LOCAL CODES:
  - STRUCTURAL: CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 1 & 2
  - FIRE: CALIFORNIA BUILDING CODE (CBC) 2013 EDITION
  - ELECTRICAL: CALIFORNIA FIRE CODE, 2013 EDITION
  - MECHANICAL: CALIFORNIA ELECTRICAL CODE - 2013 EDITION
  - PLUMBING: NATIONAL ELECTRICAL CODE - 2013 EDITION
  - CALIFORNIA BUILDING CODE - 2013 EDITION
  - CALIFORNIA MECHANICAL CODE - 2013 EDITION
  - CALIFORNIA PLUMBING CODE - 2013 EDITION
  - CALIFORNIA BUILDING CODE - 2013 EDITION
- CHANGES IN THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE BY CHANGE ORDER SIGNED BY THE OWNER AND ARCHITECT.
- TESTS OF MATERIALS SHALL BE CONDUCTED BY A TESTING LAB SELECTED BY THE OWNER WITH THE APPROVAL OF THE ARCHITECT. THE OWNER SHALL PAY THE COSTS OF ALL TESTS
- VERIFY SIZE, LOCATION, AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE FURNISHED BY OWNER OR OTHERS WITH MANUFACTURER OR SUPPLIER BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN.
- COORDINATE ROUGH-INS AND STUD WALL FRAMING LOCATIONS TO PROVIDE CLEARANCE FROM THE CENTERLINE OF EACH WATER CLOSET BOWLS TO THE ADJACENT SIDE WALL FINISH SURFACE AND A MINIMUM OF 18" FROM THE CENTERLINE OF WALL-MOUNTED SINKS TO THE ADJACENT SIDE WALL FINISH SURFACES, UNLESS NOTED OTHERWISE.
- INSTALL BLOCKING BEHIND, BUT NOT LIMITED TO, CUBICLE CURTAIN TRACKS, T.V. BRACKETS, HANDRAILS, CORNER GUARDS, TOILET ACCESSORIES, GRAB BARS, OVERHEAD CABINETRY, WRITING COUNTERS, MILLWORK KNEE BRACES, SHELVING, AND ALL MISCELLANEOUS INTERIOR WALL-HUNG EQUIPMENT BLOCKING FOR HANDRAILS, GRAB BARS AND VANITIES SHALL BE ADEQUATE TO SUPPORT A MINIMUM OF 250LBS OF BOTH VERTICAL AND / OR HORIZONTAL LOADING FOR A MINIMUM OF 15 MINUTES.
- ERRORS AND / OR OMISSIONS IN ROOM FINISH SCHEDULE AND DOOR SCHEDULE DO NOT RELIEVE THE CONTRACTOR FROM WORK SHOWN ON DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
- THESE PLANS AND RELATED DOCUMENTS MUST BE AVAILABLE AT THE JOB SITE DURING ANY INSPECTION ACTIVITY.
- STREET ADDRESS AND NUMBER SHALL BE POSTED PRIOR TO THE FIRST INSPECTION AND INSTALLED PER ADOPTED FIRE PROTECTION DEPARTMENT STANDARDS.
- DISABLED ACCESSIBLE PARKING SIGNAGE SHALL BE PROVIDED AT ALL ENTRANCES TO THE PARKING LOT, AT ALL ACCESSIBLE PARKING STALLS, AT ALL PRIMARY ENTRANCES TO THE BUILDING/SITE, AT ACCESSIBLE FITTING ROOMS, AND AT ACCESSIBLE RESTROOMS.
- THE PATH OF TRAVEL FROM THE ACCESSIBLE PARKING TO THE ENTRANCE AND TO THE RESTROOMS SHALL CONFORM TO TITLE 24 A.D.D ACCESS STANDARDS, INCLUDING DOOR HARDWARE, THRESHOLDS, KICK PLATES, AND SIGNAGE.
- THIS PERMIT DOES NOT APPROVE ANY EXTERIOR SIGNAGE. A SEPARATE PERMIT IS REQUIRED FOR ALL SIGNS.

REVISIONS	BY
PLAN CHECK 10/5/16	DH

## COMMERCIAL ARCHITECTURE INC.

THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160



PROJECT : TENANT IMPROVEMENT  
QUEST LABORATORIES  
CLIENT : QUEST LABORATORIES  
LOCATION : 2531 EAST WHITMORE AVE.,  
CERES, CA 95307

DRAWN DWH
CHECKED TJB
DATE 7/04/16
SCALE AS SHOWN
JOB NO. 16-129
SHEET
<b>A-1.0</b>
OF SHEETS

## DRAWING INDEX

### ARCHITECTURAL

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- A-1.3 DEMOLITION FLOOR PLAN
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### PLUMBING

- P-1.0 PLUMBING FLOOR PLAN, PLBG.  
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### ELECTRICAL

- E-1.0 ELECTRICAL POWER PLAN,
- E-2.0 LIGHTING PLAN

## FIRE PREVENTION NOTES

- PROVIDE APPROVED STREET ADDRESS/SUITE NUMBERS TO BE POSITIONED TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET. NUMBERS SHALL BE A MIN. OF 6" HIGH WITH A 3/4" STROKE AND SHALL CONTRAST WITH THEIR BACKGROUND.
- PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED SO THAT THE MAXIMUM TRAVEL DISTANCE TO ONE DOES NOT EXCEED 75 FEET (PER CFC 306). INTERIOR FIRE EXTINGUISHERS ARE TO BE PLACED INSIDE RECESSED FIRE EXTINGUISHER CABINETS AND MULTI-DIRECTIONAL SIGNS ARE TO BE POSTED AT A HEIGHT OF 7'-0" ABOVE THEIR LOCATION. THE MOUNTING HEIGHTS OF THE FIRE EXTINGUISHERS SHALL NOT EXCEED 48".
- FOR ALL PROJECTS REQUIRING A PERMIT FROM FIRE PREVENTION, A MINIMUM OF (3) SETS OF SHOP DRAWINGS AND MATERIAL DATA SHEETS SHALL BE SUBMITTED TO THE FIRE PREVENTION DEPARTMENT FOR APPROVAL.
- AT THE TIME OF FINAL INSPECTION THE PROPERTY OWNER/OPERATOR SHALL PROVIDE THE FIRE DEPARTMENT WITH ACCESS KEYS FOR INSTALLATION INTO THE BUILDINGS' KNOX BOX (PER CFC 306). IF THE BUILDING IS NOT EQUIPPED WITH A KNOX BOX, PLEASE CONTACT THE FIRE DEPARTMENT.
- COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED WITHIN BUILDINGS. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH SHIFT OF WORK (PER CFC 1404.2).
- CONTACT THE FIRE AUTHORITY AT LEAST 72 HOURS PRIOR TO DESIRED INSPECTION TO SCHEDULE AN APPOINTMENT. TO AVOID A RE-INSPECTION FEE, PROVIDE 24 HOURS NOTICE IF THE SCHEDULED INSPECTION NEEDS TO BE CANCELED.
- PROVIDE 20BC EXTINGUISHERS IN MECHANICAL AND ELECTRICAL ROOMS.
- PROVIDE (1) K-CLASS FIRE EXTINGUISHER WITHIN 30 FEET OF COOKING EQUIPMENT, PER UFC SECTION 1006.2.7.

## KEYNOTES

- EXISTING CITY STANDARD PARKING STRIPING.
- EXISTING HANDICAPPED ACCESS PARKING STRIPING AND RAMP.
- EXISTING 4'-0" WIDE HANDICAP PATH OF TRAVEL.
- NOT USED.
- EXISTING CONCRETE WALK FLUSH WITH EXISTING PAVING
- NOT USED.
- NOT USED.
- SIGNAGE AT ACCESSIBLE STALLS, SEE DETAIL
- VAN ACCESSIBLE PARKING STALL, SEE DETAIL

## PROJECT TEAM

### BUILDING OWNER

PALLIOS ENTERPRISES  
P.O. BOX 156  
CERES, CA. 95307

### BUILDING TENANT

QUEST LABORATORIES  
2531 EAST WHITMORE AVE. SUITE P  
CERES CA. 95307

### ARCHITECT

COMMERCIAL ARCHITECTURE, INC.  
TED BRANDVOLD  
616 14th STREET  
MODESTO, CA 95354  
PH. (209) 571-8158  
FAX (209) 571-8160

### GENERAL CONTRACTOR

TBD  
NAME TBD  
STREET ADDRESS TBD  
CITY, STATE, ZIP TBD  
PH. 209-000-0000  
FAX 209-000-0000

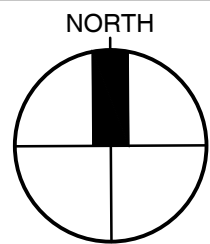
## CODE DATA

**ASSESSOR'S PARCEL NUMBER:** 127-009-040  
**PROJECT ADDRESS:** 2531 EAST WHITMORE AVE, SUITE P, CERES, CA 95307  
**PROJECT JURISDICTION:** CITY OF CERES  
**SCOPE OF WORK:** TENANT IMPROVEMENT,

## NOTE: THIS IS NOT AN "OSHDP FACILITY".

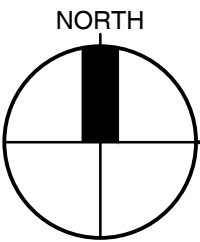
**ZONING:** C  
**GENERAL PLAN DESIGNATION:** MU  
**SITE AREA:** 3.78 ACRES, 164,657 SF  
**TYPE OF CONSTRUCTION:** III B  
**OCCUPANCY:** CBC SECTION 303.1  
**FIRE SPRINKLERS:** YES  
**ALLOWABLE BUILDING AREA:** 37,500/TABLE 503 / EXISTING LEASE SPACE IS 1742 SF  
**STORIES:** 1  
**OCCUPANT LOAD:** EXISTING OCCUPANT LOAD; 8.  
**EXITS REQUIRED / PROVIDED:** 2  
**BUILDING HEIGHT:** SINGLE STORY /  
**PARKING REQUIRED:** 21 SPACES (1742/200=9, 2 COMPACT AND 2 ACCESSIBLE AND 17 ADJACENT SPACES PROVIDED.

## VICINITY MAP



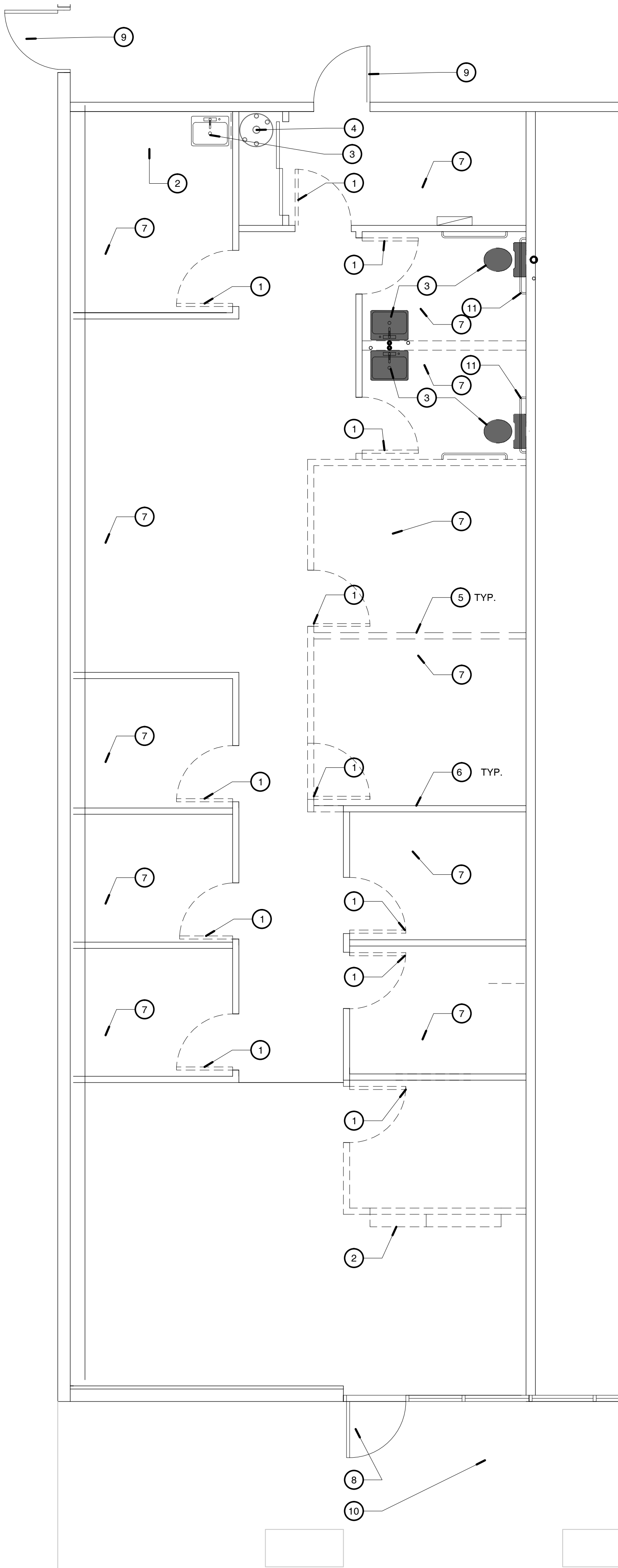
**PROJECT LOCATION**  
2531 SUITE P EAST WHITMORE AVE  
CERES, CA. 95307  
A.P.N.:127-009-040





## DEMOLITION FLOOR PLAN

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



## REFERENCE

EXISTING WALL TO REMAIN			NON-RATED
	REPAIR EXISTING WALL, AS REQUIRED TO PREPARE SURFACE FOR NEW FINISHES PREPARE/TEXTURE/PAINT, AS REQUIRED TO MAKE LIKE NEW CONDITIONS - SEE FINISH SCHEDULE		
	REMOVE AND DEMOLISH EXISTING WALL, AS INDICATED REMOVE/CAP EXISTING MECHANICAL, PLUMBING AND ELECTRICAL FIXTURES IN WALL, AS REQUIRED TO PREPARE AREA FOR NEW FINISHES		--

## REFERENCE

#	SEE DRAWING A2.0 FOR FLOOR PLAN
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## KEYNOTES

- EXISTING DOOR AND FRAME TO BE REMOVED.
- EXISTING PLASTIC LAMINATE CABINET / COUNTERTOP TO BE REMOVED.
- REMOVE EXISTING SINK AT BREAK ROOM. AT EXISTING RESTROOMS REMOVE EXISTING LAVATORY AND WATER CLOSET. REINSTALL AT NEW LOCATION,SEE FLOOR PLAN.
- EXISTING HOT WATER HEATER TO REMAIN.
- EXISTING WALL TO BE REMOVED, SEE WALL LEGEND.
- EXISTING WALL TO REMAIN, SEE WALL LEGEND.
- EXISTING FLOOR FINISH AND BASE TO BE REMOVED, SEE FINISH SCHEDULE SHEET A-8.0.
- EXISTING ENTRY DOOR TO REMAIN. SEE DOOR SCHEDULE SHEET A-8.0.
- EXISTING EXIT DOORS TO REMAIN, SEE DOOR SCHEDULE SHEET A-8.0.
- EXISTING CONCRETE SIDEWALK AND COLUMNS AT ENTRY, SEE SHEET A-2.0.
- EXISTING RESTROOM ACCESSORIES TO BE REMOVED; I.E.; GRAB BARS, SOAP DISPENSERS, MIRRORS, PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS.

## DEMOLITION NOTES

### PERFORMANCE CRITERIA

- REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT EXISTING STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY OR LOAD / DEFLECTION RATING.
- LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTING STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBUTABLE TO MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS AND SHORING AND BRACING.
- VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES OR PROCEDURES WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF THE STRUCTURE.
- FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE ANY FIRE HAZARD.
- WATER: DO NOT USE MEANS, METHODS, TECHNIQUES OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
- AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLABLE DUST, FUMES, OR OTHER DAMAGING AIR POLLUTION.

### REGULATORY REQUIREMENTS:

- CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK, DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION AND / OR RE-CONNECTION.
- DO NOT CLOSE OR OBSTRUCT REQUIRED EGRESS FROM ANY BUILDING EXIT OR SITE EXIT.
- CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN HAZARDOUS OR CONTAMINATED MATERIALS ARE DISCOVERED.

### PROJECT CONDITIONS

- VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- PERFORM THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING WORK WITH EXTREME CARE AND USING APPROPRIATELY-SIZED TOOLS IN ORDER TO NOT JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING.
- CONDITION OF STRUCTURE: OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF PORTIONS OF THE STRUCTURE TO BE DEMOLISHED.
- PARTIAL REMOVAL: ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE STRUCTURE AS WORK PROGRESSES IF NOT CLAIMED BY THE OWNER. ALL SUCH SALVAGED ITEMS MUST BE TRANSPORTED FROM THE SITE AS THEY ARE REMOVED.
- PROTECTION: ENSURE THE SAFE PASSAGE OF PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT INJURY TO ADJACENT BUILDINGS, STRUCTURES, OTHER FACILITIES AND PERSONS.

### PROTECTION OF EXISTING CONSTRUCTION

- THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURE AND SHALL REPLACE OR REPAIR ALL AREAS OF DAMAGE.
- PERFORM CUTTING OF EXISTING CONC AND MASONRY CONSTRUCTION WITH SAWS AND CORE DRILLS. DO NOT USE JACK HAMMERS OR EXPLOSIVES.

### SALVAGED ITEMS

- THE CONTRACT DOCUMENTS INDICATE SPECIFIC MATERIALS THAT ARE TO BE REUSED IN THE FUTURE TENANT IMPROVEMENTS. THE CONTRACTOR SHALL REMOVE, PROTECT, AND REINSTALL THESE ITEMS.
- MATERIALS SCHEDULED FOR REUSE WHICH ARE DAMAGED BY THE CONTRACTOR TO THE EXTENT THEY CANNOT BE REUSED SHALL BE REPLACED BY THE CONTRACTOR WITH EQUAL QUALITY MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
- REMOVED AND SALVAGED MATERIALS OF VALUE THAT ARE NOT DESIGNATED FOR RE-USE, UNLESS CLAIMED AS SALVAGE BY THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE LEGALLY DISPOSED OF OFF-SITE.
- THE OWNER WILL REMOVE, OR UNDER SEPARATE CONTRACT, HAVE ALL MATERIALS AND EQUIPMENT WHICH THE OWNER REQUIRES REMOVED PRIOR TO THE WORK UNDER THIS SECTION BEGINS.

### PREPARATION

- ERECT AND MAINTAIN WEATHERPROOF CLOSURES ON EXTERIOR OPENINGS.
- PROTECT EXISTING MATERIALS THAT ARE NOT TO BE DEMOLISHED. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING SELECTIVE DEMOLITION TO PREVENT DAMAGE AND PROVIDE PROTECTION OF THE WORK FROM ADVERSE WEATHER EXPOSURE.
- NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS.
- MARK LOCATIONS AND TERMINATIONS OF UTILITIES.
- PROVIDE APPROPRIATE TEMPORARY SIGNAGE INCLUDING SIGNAGE FOR EXIT OR BUILDING EGRESS.

### PROTECTION OF EXISTING CONSTRUCTION

- THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURE AND SHALL REPLACE OR REPAIR ALL AREAS OF DAMAGE.
- PERFORM CUTTING OF EXISTING CONC AND MASONRY CONSTRUCTION WITH SAWS AND CORE DRILLS. DO NOT USE JACK HAMMERS OR EXPLOSIVES.

### PROCEDURE

- EMPLOY ONLY SKILLED WORKERS TO PERFORM SELECTIVE DEMOLITION.
- CUT WORK BY METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION TO REMAIN. WHERE PHYSICAL CUTTING ACTION IS REQUIRED, CUT WORK WITH SAWING AND GRINDING TOOLS, NOT WITH HAMMERING AND CHOPPING TOOLS. CORE DRILL OPENINGS IN EXISTING MASONRY AND CONCRETE WORK AS NOTED ABOVE.
- WHERE SELECTIVE DEMOLITION IS TERMINATED AT A SURFACE OR FINISH TO REMAIN COMPLETELY REMOVE TRACES OF MATERIAL SELECTIVELY DEMOLISHED, INCLUDING MORTAR BEDS. PROVIDE SMOOTH, EVEN SUBSTRATE TRANSITION.

### DEMOLITION

- REMOVE EXISTING CONSTRUCTION AND EQUIPMENT INDICATED ON THE DRAWINGS.
- DISCONNECT, REMOVE, AND IDENTIFY DESIGNATED UTILITIES WITHIN DEMOLITION AREAS WHERE INDICATED ON DRAWINGS.
- DEMOLISH IN AN ORDERLY AND CAREFUL MANNER. PROTECT EXISTING SUPPORTING STRUCTURAL MEMBERS.
- LEGALLY REMOVE AND DISPOSE OF DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. DO NOT BURN OR BURY MATERIALS ON SITE.
- REMOVE MATERIALS AS DEMOLITION PROGRESSES. UPON COMPLETION OF DEMOLITION, LEAVE AREAS IN CLEAN CONDITION.
- REMOVE TEMPORARY FACILITIES.
- REMOVE, STORE, AND PROTECT MATERIALS, INDICATED ON DRAWINGS, FOR READY REINSTALLATION.

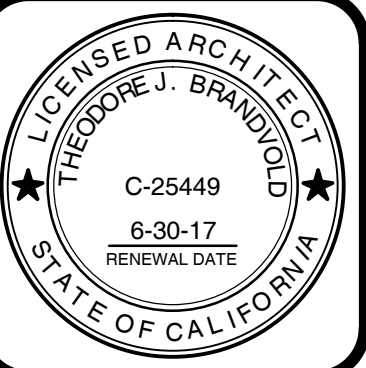
### POLLUTION CONTROLS

- USE TEMPORARY ENCLOSURES OR OTHER SUITABLE METHODS AS REQUIRED TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL.
- COMPLY WITH GOVERNING AUTHORITIES PERTAINING TO ENVIRONMENTAL PROTECTION CLEAN ADJACENT PORTION OF STRUCTURE OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS, AS DETERMINED BY OWNER, AND GOVERNING AUTHORITIES. RETURN ADJACENT AREAS TO CONDITIONS EXISTING PRIOR TO START OF THE WORK.

REVISIONS		BY
PLAN CHECK	10/5/16	DH

## COMMERCIAL ARCHITECTURE INC.

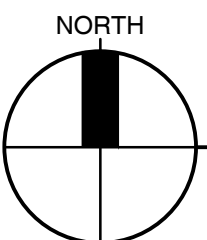
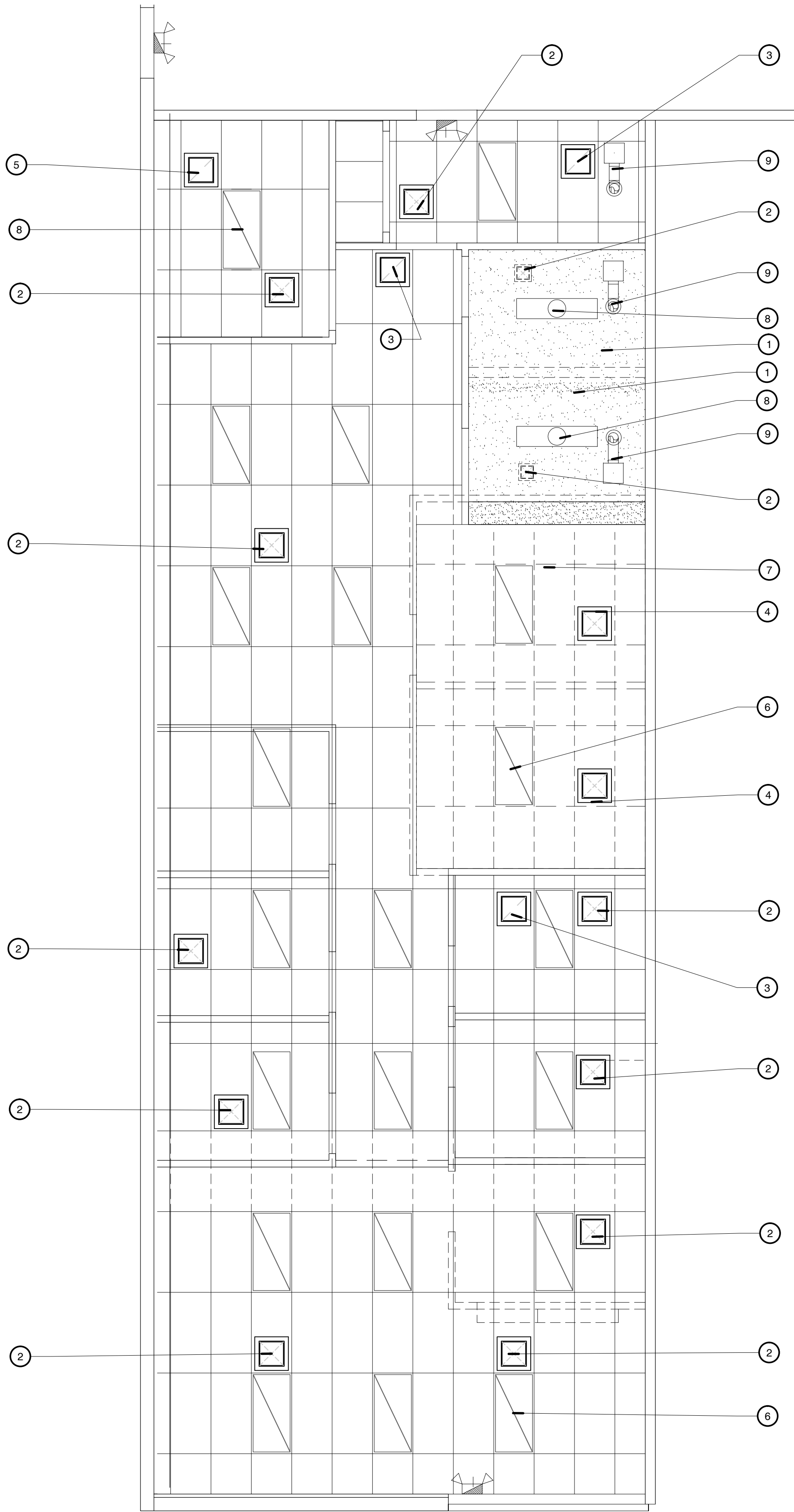
THEODORE J. BRANDVOLD, ARCHITECT  
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## DEMOLITION REFLECTED CEILING PLAN

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

### CEILING LEGEND

SYMBOL	FINISH SCHEDULE MARK	HEIGHT	DESCRIPTION	DETAIL
	C1	+ 10'-0" A.F.F.	EXISTING 2x4 SUSPENDED GRID CEILING SYSTEM	
	C2	+ 10'-0" A.F.F.	REMOVE EXISTING SUSPENDED CEILING SYSTEM.	
	C3	+ 9'-0" A.F.F.	EXISTING 5/8" GYPSUM BOARD.	

### REFERENCE

EXISTING WALL TO REMAIN		NON-RATED
	REPAIR EXISTING WALL, AS REQUIRED TO PREPARE SURFACE FOR NEW FINISHES PREPARE/TEXTURE/PAINT, AS REQUIRED TO MAKE LIKE NEW CONDITIONS - SEE FINISH SCHEDULE	
EXISTING WALL TO BE REMOVED		--
	REMOVE AND DEMOLISH EXISTING WALL, AS INDICATED REMOVE/CAP EXISTING MECHANICAL, PLUMBING AND ELECTRICAL FIXTURES IN WALL, AS REQUIRED TO PREPARE AREA FOR NEW FINISHES	--

### REFERENCE

# SEE DRAWING A3.0 FOR REFLECTED CEILING PLAN

### KEYNOTES

- EXISTING 5/8" TYPE "X" GYP BD CEILING ON 6" 20 GAUGE CEILING JOISTS AT 16" OC.
- EXISTING MECHANICAL SUPPLY DIFFUSER TO REMAIN.
- EXISTING RETURN AIR GRILLE TO REMAIN.
- EXISTING SUPPLY AIR DIFFUSER TO BE REMOVED AND RELOCATED. SEE REFLECTED CEILING PLAN.
- EXISTING RETURN AIR GRILLE TO BE REMOVED AND RELOCATED, SEE REFLECTED CEILING PLAN.
- EXISTING FLUORESCENT LIGHT FIXTURE TO BE REMOVED TYPICAL, SEE LIGHTING PLAN.
- EXISTING SUSPENDED ACOUSTIC TILE CEILING AND GRID TO BE REMOVED.
- EXISTING SURFACE MOUNT LIGHT FIXTURE TO BE REMOVED.
- EXISTING EXHAUST FAN TO REMAIN.

### DEMOLITION NOTES

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#### REGULATORY REQUIREMENTS:

- CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK, DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION AND / OR RE-CONNECTION.
- DO NOT CLOSE OR OBSTRUCT REQUIRED EGRESS FROM ANY BUILDING EXIT OR SITE EXIT.
- CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN HAZARDOUS OR CONTAMINATED MATERIALS ARE DISCOVERED.

#### PROJECT CONDITIONS

- VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- PERFORM THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING WORK WITH EXTREME CARE AND USING APPROPRIATELY-SIZED TOOLS IN ORDER TO NOT JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING.
- CONDITION OF STRUCTURE: OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF PORTIONS OF THE STRUCTURE TO BE DEMOLISHED.
- PARTIAL REMOVAL: ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE STRUCTURE AS WORK PROGRESSES IF NOT CLAIMED BY THE OWNER. ALL SUCH SALVAGED ITEMS MUST BE TRANSPORTED FROM THE SITE AS THEY ARE REMOVED.
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#### PROTECTION OF EXISTING CONSTRUCTION

- THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURE AND SHALL REPLACE OR REPAIR ALL AREAS OF DAMAGE.
- PERFORM CUTTING OF EXISTING CONC AND MASONRY CONSTRUCTION WITH SAWS AND CORE DRILLS. DO NOT USE JACK HAMMERS OR EXPLOSIVES.

#### SALVAGED ITEMS

- THE CONTRACT DOCUMENTS INDICATE SPECIFIC MATERIALS THAT ARE TO BE REUSED IN THE FUTURE TENANT IMPROVEMENTS. THE CONTRACTOR SHALL REMOVE, PROTECT, AND REINSTALL THESE ITEMS.
- MATERIALS SCHEDULED FOR REUSE WHICH ARE DAMAGED BY THE CONTRACTOR TO THE EXTENT THEY CANNOT BE REUSED SHALL BE REPLACED BY THE CONTRACTOR WITH EQUAL QUALITY MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
- REMOVED AND SALVAGED MATERIALS OF VALUE THAT ARE NOT DESIGNATED FOR RE-USE, UNLESS CLAIMED AS SALVAGE BY THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE LEGALLY DISPOSED OF OFF-SITE.
- THE OWNER WILL REMOVE, OR UNDER SEPARATE CONTRACT, HAVE ALL MATERIALS AND EQUIPMENT WHICH THE OWNER REQUIRES REMOVED PRIOR TO THE WORK UNDER THIS SECTION BEGINS.

#### PREPARATION

- ERECT AND MAINTAIN WEATHERPROOF CLOSURES ON EXTERIOR OPENINGS.
- PROTECT EXISTING MATERIALS THAT ARE NOT TO BE DEMOLISHED. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING SELECTIVE DEMOLITION TO PREVENT DAMAGE AND PROVIDE PROTECTION OF THE WORK FROM ADVERSE WEATHER EXPOSURE.
- NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS.
- MARK LOCATIONS AND TERMINATIONS OF UTILITIES.
- PROVIDE APPROPRIATE TEMPORARY SIGNAGE INCLUDING SIGNAGE FOR EXIT OR BUILDING EGRESS.

#### PROTECTION OF EXISTING CONSTRUCTION

- THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURE AND SHALL REPLACE OR REPAIR ALL AREAS OF DAMAGE.
- PERFORM CUTTING OF EXISTING CONC AND MASONRY CONSTRUCTION WITH SAWS AND CORE DRILLS. DO NOT USE JACK HAMMERS OR EXPLOSIVES.

#### PROCEDURE

- EMPLOY ONLY SKILLED WORKERS TO PERFORM SELECTIVE DEMOLITION.
- CUT WORK BY METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION TO REMAIN.
- WHERE PHYSICAL CUTTING ACTION IS REQUIRED, CUT WORK WITH SAWING AND GRINDING TOOLS, NOT WITH HAMMERING AND CHOPPING TOOLS. CORE DRILL OPENINGS IN EXISTING MASONRY AND CONCRETE WORK, AS NOTED ABOVE.
- WHERE SELECTIVE DEMOLITION IS TERMINATED AT A SURFACE OR FINISH TO REMAIN, COMPLETELY REMOVE TRACES OF MATERIAL SELECTIVELY DEMOLISHED, INCLUDING MORTAR BEDS. PROVIDE SMOOTH, EVEN SUBSTRATE TRANSITION.

#### DEMOLITION

- REMOVE EXISTING CONSTRUCTION AND EQUIPMENT INDICATED ON THE DRAWINGS.
- DISCONNECT, REMOVE, AND IDENTIFY DESIGNATED UTILITIES WITHIN DEMOLITION AREAS WHERE INDICATED ON DRAWINGS.
- DEMOLISH IN AN ORDERLY AND CAREFUL MANNER. PROTECT EXISTING SUPPORTING STRUCTURAL MEMBERS.
- LEGALLY REMOVE AND DISPOSE OF DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. DO NOT BURN OR BURY MATERIALS ON SITE.
- REMOVE MATERIALS AS DEMOLITION PROGRESSES. UPON COMPLETION OF DEMOLITION, LEAVE AREAS IN CLEAN CONDITION.
- REMOVE TEMPORARY FACILITIES.
- REMOVE, STORE, AND PROTECT MATERIALS, INDICATED ON DRAWINGS, FOR READY REINSTALLATION.

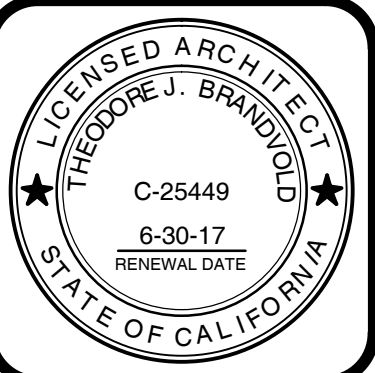
#### POLLUTION CONTROLS

- USE TEMPORARY ENCLOSURES OR OTHER SUITABLE METHODS AS REQUIRED TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICABLE LEVEL.
- COMPLY WITH GOVERNING AUTHORITIES PERTAINING TO ENVIRONMENTAL PROTECTION.
- CLEAN ADJACENT PORTION OF STRUCTURE OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS, AS ORDERED BY OWNER, AND GOVERNING AUTHORITIES. RETURN ADJACENT AREAS TO CONDITIONS EXISTING PRIOR TO START OF THE WORK.

REVISIONS		BY
PLAN CHECK	10/5/16	DH

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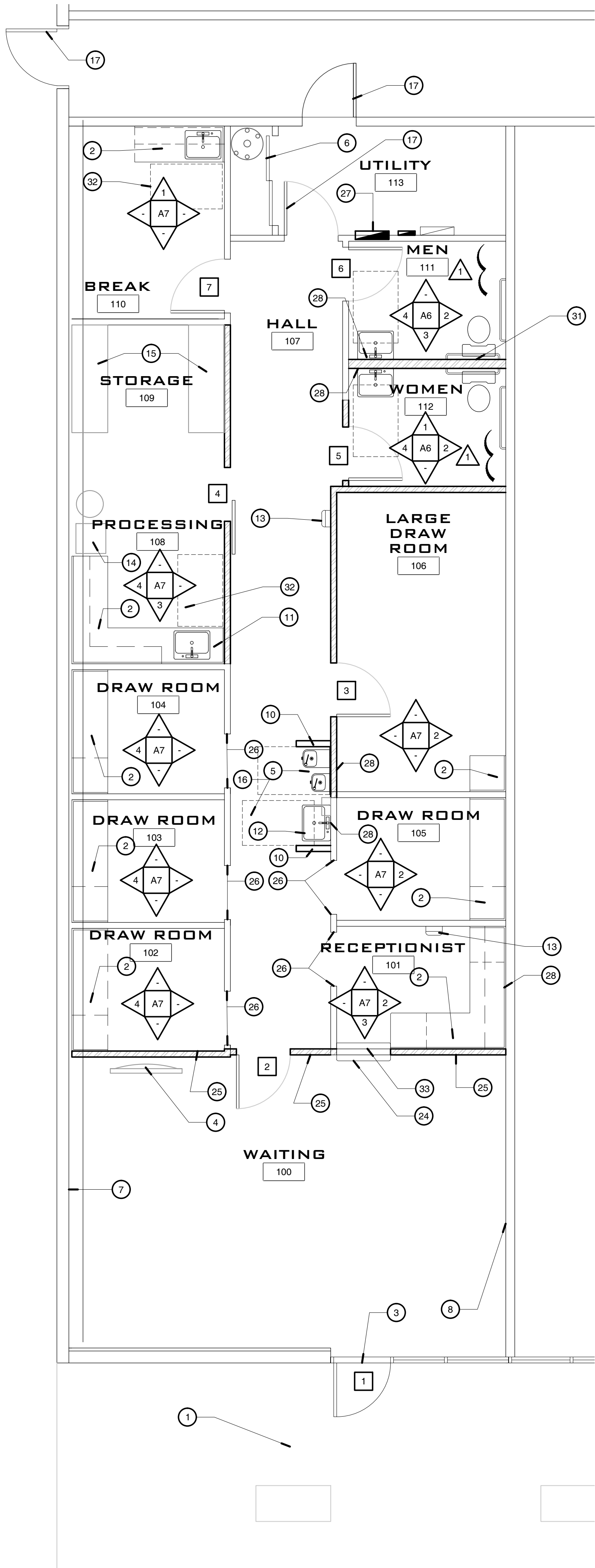
THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160



PROJECT: TENANT IMPROVEMENT  
QUEST LABORATORIES  
CLIENT: QUEST LABORATORIES  
LOCATION: 2531 EAST WHITMORE AVE.  
CERES, CA 95307

DRAWN  
DWH  
CHECKED  
TJB  
DATE  
7/04/16  
SCALE  
AS SHOWN  
JOB NO.  
16-129  
SHEET

A-1.4  
OF SHEETS



### FIRE SPRINKLER NOTES

- AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IS TO BE INSTALLED ON THIS PROJECT. THE SYSTEM SHALL COMPLY WITH NFPA PAMPHLET #13 AND UBC CHAPTER 9.
- FIRE SPRINKLER SYSTEM PLANS AND SPECIFICATIONS WILL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR APPROVAL PRIOR TO STARTING WORK ON THE PROJECT. SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET #13 AND FIRE PREVENTION DEPARTMENT REQUIREMENTS.
  - THE CONTRACTOR SHALL COORDINATE THE POINT OF CONNECTION WITH THE CIVIL DRAWINGS.
  - ALL VALVES CONTROLLING SPRINKLER SYSTEM WATER SUPPLY AND FLOW SHALL BE ELECTRICALLY MONITORED AND THE SIGNAL SHALL BE AUTOMATICALLY TRANSMITTED TO A U.L. LISTED STATION WHEN NUMBER OF SPRINKLER HEADS EXCEEDS 20. MFC 1003.3.1.
  - PROVIDE AN INTERIOR BELL ACTIVATED BY FIRE SPRINKLER WATER FLOW AND A MANUAL PULL STATION IN A NORMALLY OCCUPIED AREA.
  - A KNOX BRAND KEY BOX SHALL BE INSTALLED ON THE PREMISES TO FACILITATE EMERGENCY ACCESS TO THE BUILDING.
  - HVAC SMOKE DETECTORS (WHEN REQUIRED) SHALL BE TESTED IN THE PRESENCE OF THE FIRE DEPARTMENT.
  - ALL METAL SURFACES SHALL BE PAINTED TO MATCH ADJACENT WALLS.
  - CHROME ESCUTCHEONS SHALL BE PROVIDED AT INTERIOR.
  - NO SPRINKLER HEADS SHALL APPEAR IN INTERIOR SOFFITS.
  - LOCATIONS OF FIRE EXTINGUISHER(S) (PER FIRE PREVENTION NOTES) TO BE APPROVED BY THE FIRE PROTECTION DEPARTMENT.
  - WHERE REQUIRED, A U.L. FIRE ALARM CERTIFICATE SHALL BE OBTAINED AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE ALARM SYSTEM.

### KEYNOTES

- EXISTING CONCRETE WALK, TYPICAL - SEE SITE PLAN.
- PLASTIC LAMINATE CASEWORK, TYPICAL - SEE INTERIOR ELEVATIONS.
- PROVIDE SIGN ABOVE DOOR: "THIS DOOR TO REMAIN UNLOCKED WHILE OCCUPIED." AND DECAL INDICATING HANDICAP ACCESSIBILITY PER CITY REQUIREMENTS
- WALL MOUNTED TELEVISION, BY OWNER - SEE ELECTRICAL DRAWINGS FOR REQUIRED POWER/DATA RECEPTACLES, PROVIDE WALL BLOCKING PER DETAIL 4  
A5.0
- HI-LO ACCESSIBLE DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS.
- EXISTING 6068 SLIDING DOORS
- ACCENT WALL COVERING, SEE FINISH SCHEDULE SHEET A8.0
- LOGO WALL. SEE FINISH SCHEDULE SHEET A8.0
- NOT USED.
- 42" HIGH PARTIAL HEIGHT WALL.
- EYE WASH STATION TO BE INSTALLED ON COUNTER. PROVIDED AND ,INSTALLED BY CONTRACTOR.
- WALL MOUNT SINK, SEE PLUMBING DRAWINGS.
- SEMI RECESSED CABINET WITH 2A10 BC FIRE EXTINGUISHER INCLUDED, ACTIVAR AMBASSADOR STEEL MODEL 1017 V10.
- REFRIGERATOR PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.SEE ELECTRICAL DRAWINGS FOR LOCATION OF POWER FOR UNIT.
- STORAGE RACKS (2) PROVIDED BY OWNER, INSTALLED BY OWNER.
- DASHED LINE INDICATES ACCESSIBLE CLEAR SPACE AT SINK.
- EXISTING DOOR WITH PANIC DEVICE TO REMAIN.
- NOT USED..
- NOT USED.
- NOT USED.
- NOT USED..
- NOT USED.
- NOT USED.
- 36" WIDE OPENING FOR COUNTER, WITH 12" WIDE X 36" LONG PLASTIC LAMINATE COUNTER TOP AT 34" OFF FINISH FLOOR. COUNTER TOP SHALL HAVE 2" RADIUS ON ALL CORNERS.
- 2X4 STUD WALL FRAMED ON TOP OF EXISTING STUD WALL, SEE DETAILS 1  
A5.0 2  
A5.0
- CORNER GUARD, ACROVYN 400 SERIES, VA 200N, TYPICAL AT OUTSIDE CORNERS. OWNER TO SELECT COLOR.
- EXISTING ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
- WALL BACKING, SEE DETAIL 4  
A5.0
- NOT USED.
- NOT USED.
- 2X6 PLUMBING WALL.
- 32" WIDE X 48" ADA ACCESS
- WINDOW AT RECEPTIONIST TO BE BE 1/2" TEMPERED GLASS, OPEN 6" ABOVE COUNTER FOR PASS THRU. FRAME SHALL BE ALUMINUM STOP MILL FINISH, TYPE GASKETED. ATTACH TO WALL.

### REFERENCE

EXISTING WALL TO REMAIN		NON-RATED
	REPAIR EXISTING WALL, AS REQUIRED TO PREPARE SURFACE FOR NEW FINISHES PREPARE/TEXTURE/PAINT, AS REQUIRED TO MAKE LIKE NEW CONDITIONS - SEE FINISH SCHEDULE	--
EXISTING WALL TO BE REMOVED		--
	REMOVE AND DEMOLISH EXISTING WALL, AS INDICATED REMOVE/CAP EXISTING MECHANICAL, PLUMBING AND ELECTRICAL FIXTURES IN WALL, AS REQUIRED TO PREPARE AREA FOR NEW FINISHES	--
INTERIOR PARTITION - WOOD STUD FRAMING - FULL HEIGHT		NON-RATED
	2x4 WOOD STUDS @ 16" O.C. 5/8" TYPE 'X' GYPSUM BOARD, BOTH SIDES SEE FINISH SCHEDULE FOR INTERIOR WALL FINISH WALL FRAMING. GYPSUM BOARD TO 6" MIN. ABOVE FINISH CEILING	.
INTERIOR PARTITION - WOOD STUD FRAMING -PARTIAL HEIGHT		NON-RATED
	2x4 WOOD STUDS @ 16" O.C. 5/8" TYPE 'X' GYPSUM BOARD, BOTH SIDES, AND CAP. SEE FINISH SCHEDULE FOR INTERIOR WALL FINISH WALL FRAMING TO +42" ABOVE FINISH FLOOR. GYPSUM BOARD TO 6" MIN. ABOVE FINISH CEILING	.

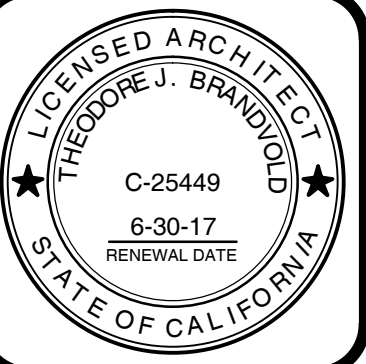
### REFERENCE

# SEE DRAWING A-8.0 FOR DOOR SCHEDULE AND SPECIFICATIONS

REVISIONS	BY
PLAN CHECK 10/5/16	DH

COMMERCIAL ARCHITECTURE INC.

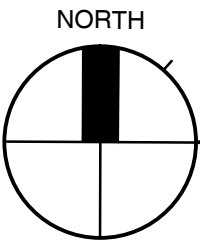
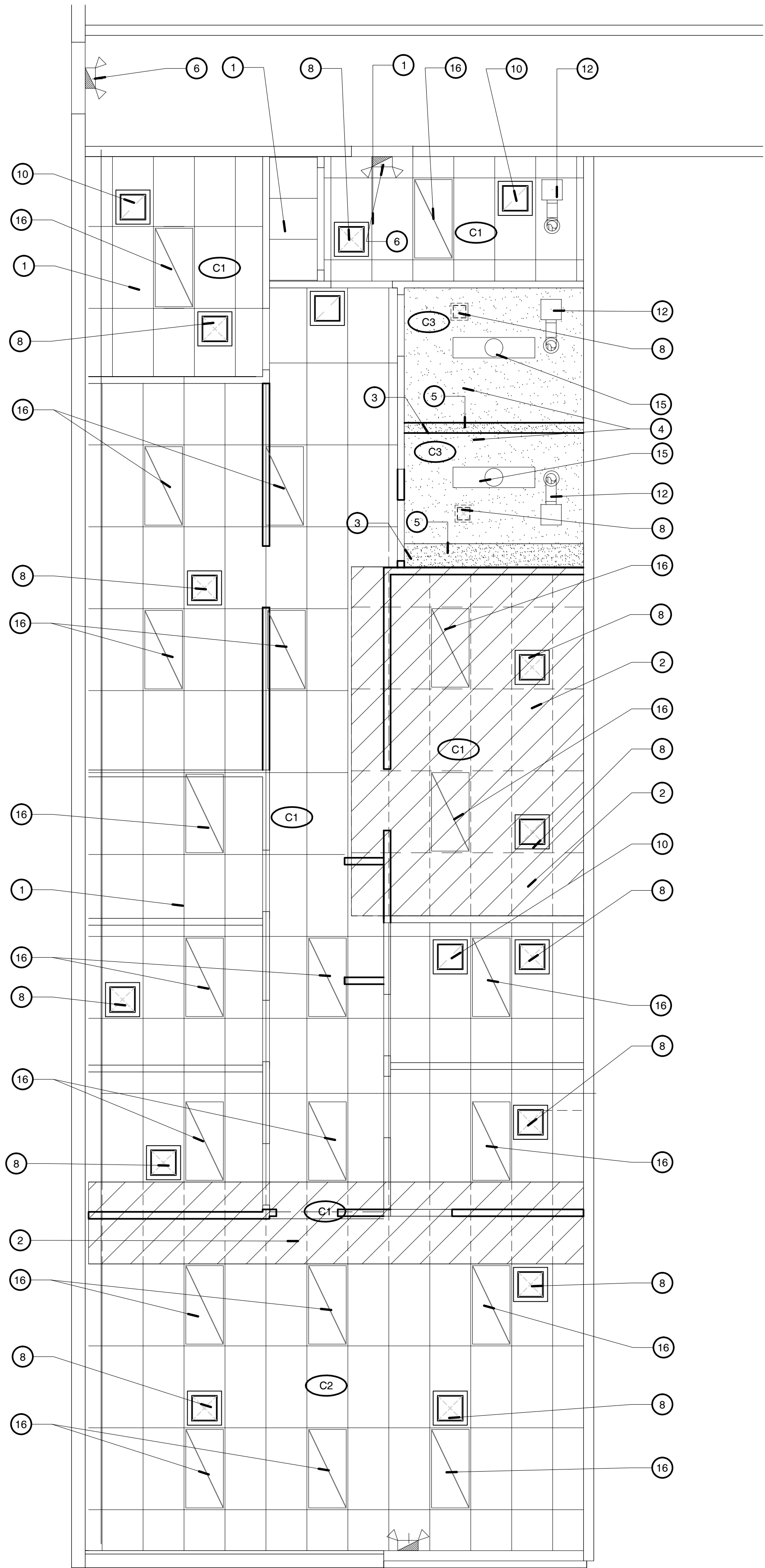
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PROJECT : TENANT IMPROVEMENT  
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LOCATION : 2531 EAST WHITMORE AVE.,  
CERES, CA 95307

DRAWN DWH
CHECKED TJB
DATE 7/04/16
SCALE AS SHOWN
JOB NO. 16-129
SHEET
A-2.0
OF SHEETS





REFLECTED CEILING PLAN

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

KEYNOTES

- 1 EXISTING SUSPENDED CEILING GRID TO REMAIN. CLEAN AND INSTALL NEW TILES, SEE FINISH SCHEDULE.
- 2 NEW SUSPENDED CEILING GRID AND TILES. SEE DETAIL FOR ATTACHMENT. 7  
A5.0
- 3 INFILL 5/8" GYP. BD. TO MATCH EXISTING.
- 4 5/8" TYPE "X" GYPSUM BOARD CEILING ON EXISTING 6" 20 GAUGE CEILING JOISTS AT 16" OC, PAINT, SEE FINISH SCHEDULE.
- 5 INSTALL 6" 20 GA. CEILING JOISTS AT 16" OC FOR NEW 5/8" TYPE "X" GYPSUM BOARD CEILING AT 16" OC. . PAINT CEILING, SEE FINISH SCHEDULE.
- 6 EXISTING EMERGENCY EXIT LIGHTING, SEE LIGHTING PLAN.
- 7 NOT USED.
- 8 EXISTING MECHANICAL SUPPLY AIR DIFFUSER TO REMAIN.
- 9 NOT USED.
- 10 EXISTING RETURN AIR GRILLE TO REMAIN.
- 11 NOT USED.
- 12 EXISTING EXHAUST FAN TO REMAIN.
- 13 NOT USED.
- 14 NOT USED.
- 15 SURFACE MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- 16 NEW 2X4 LED LAYIN LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.

CEILING LEGEND

SYMBOL	FINISH SCHEDULE MARK	HEIGHT	DESCRIPTION	DETAIL
	C1	+ 10'-0" A.F.F.	NEW 2x4 SUSPENDED GRID CEILING SYSTEM AND TILES	<span>7 A5</span>
	C2	+ 10'-0" A.F.F.	EXISTING GRID, INSTALL NEW TILES.	<span>7 A5</span>
	C3	+ 9'-0" A.F.F.	EXISTING 5/8" GYPSUM BOARD , PAINT.	

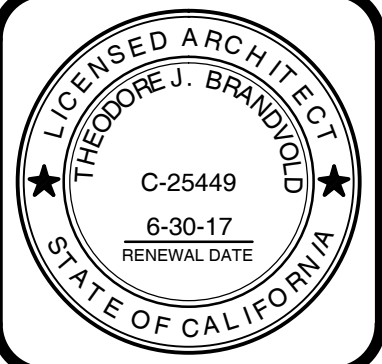
REFER TO CEILING LEGEND FOR FINISH CEILING HEIGHTS, UNLESS OTHERWISE NOTED

SEE DRAWING A-8.0 FOR FINISH SCHEDULE AND SPECIFICATIONS

REVISIONS	BY
PLAN CHECK 10/5/16	DH

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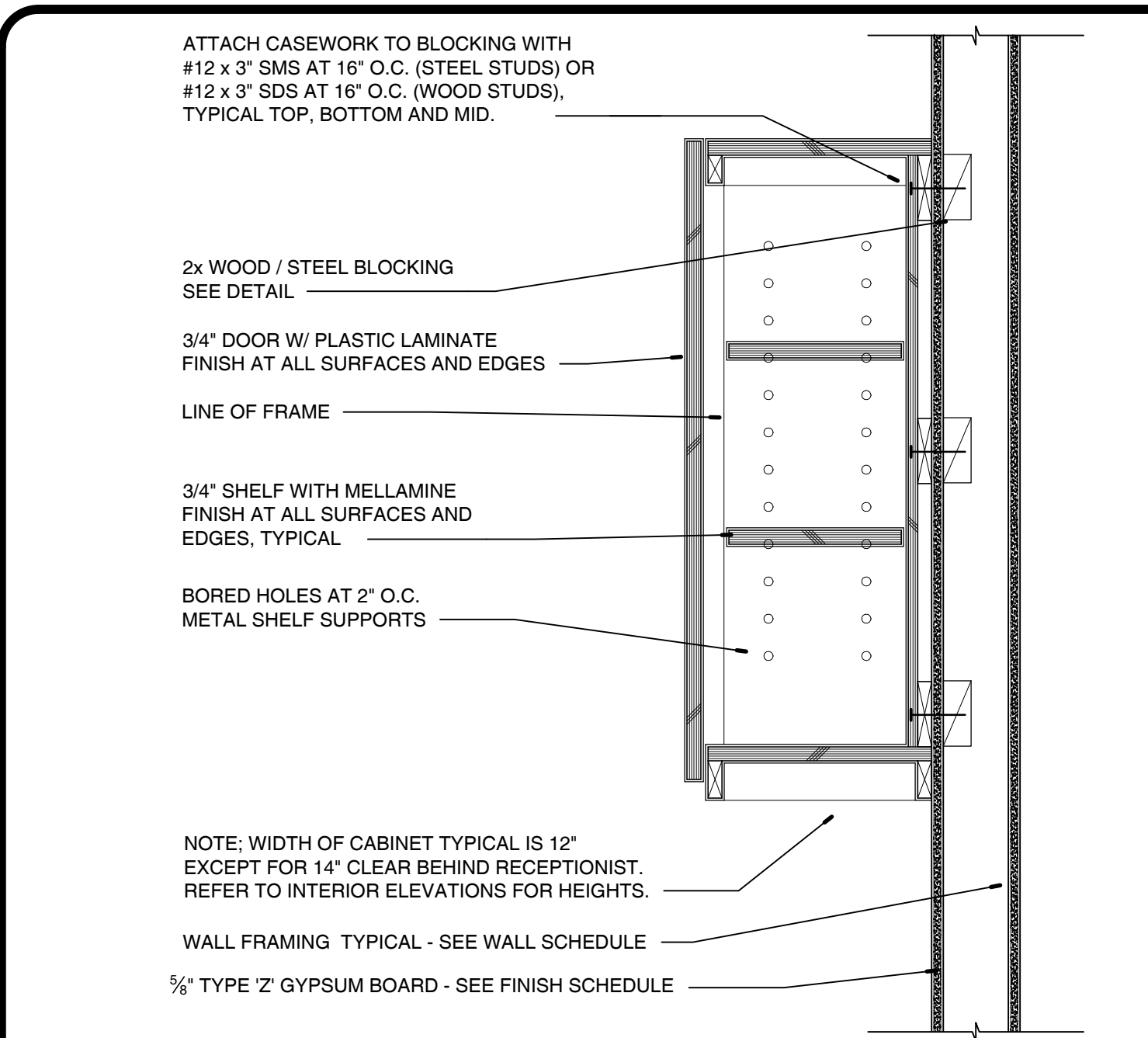
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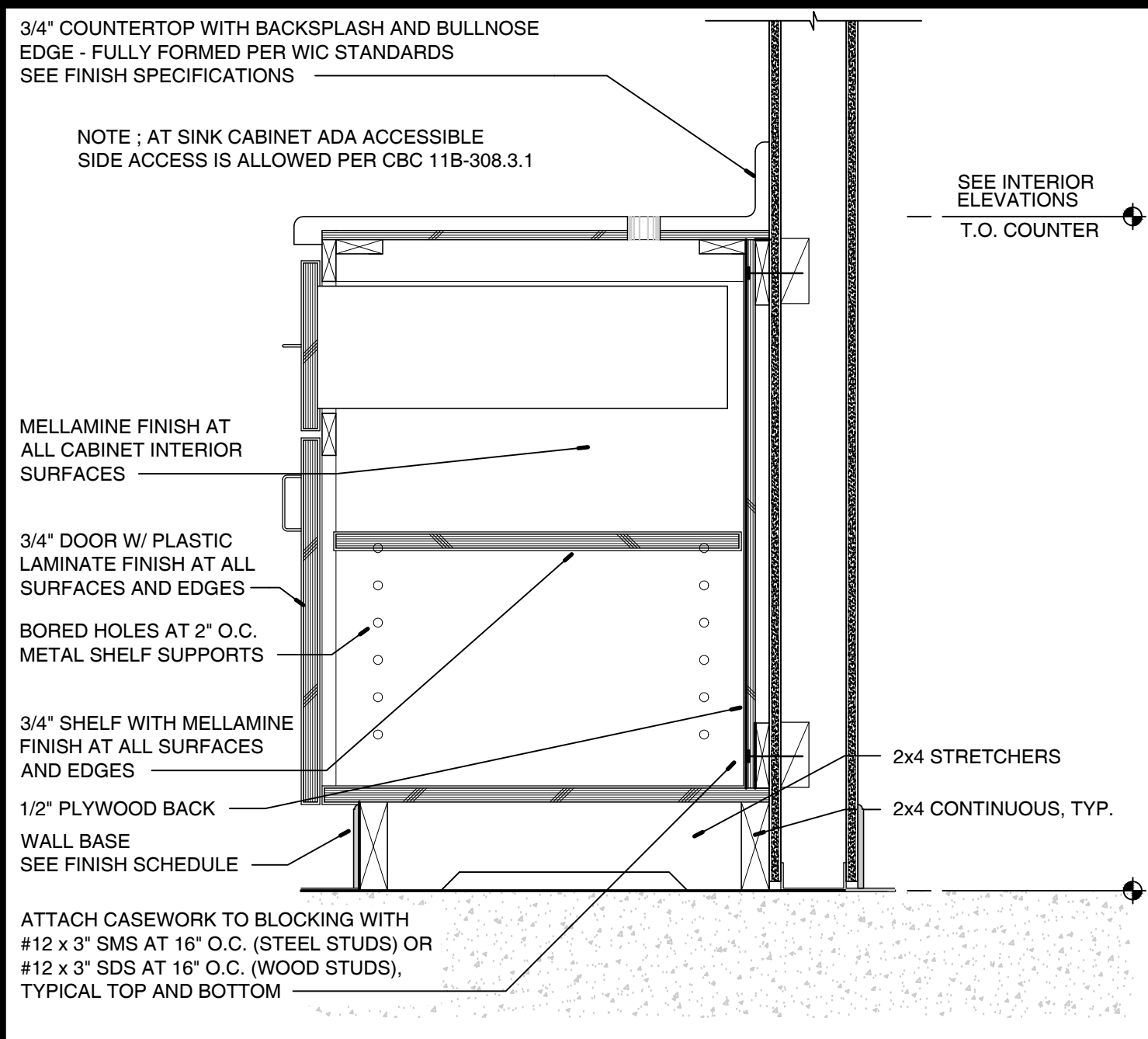
PROJECT : TENANT IMPROVEMENT  
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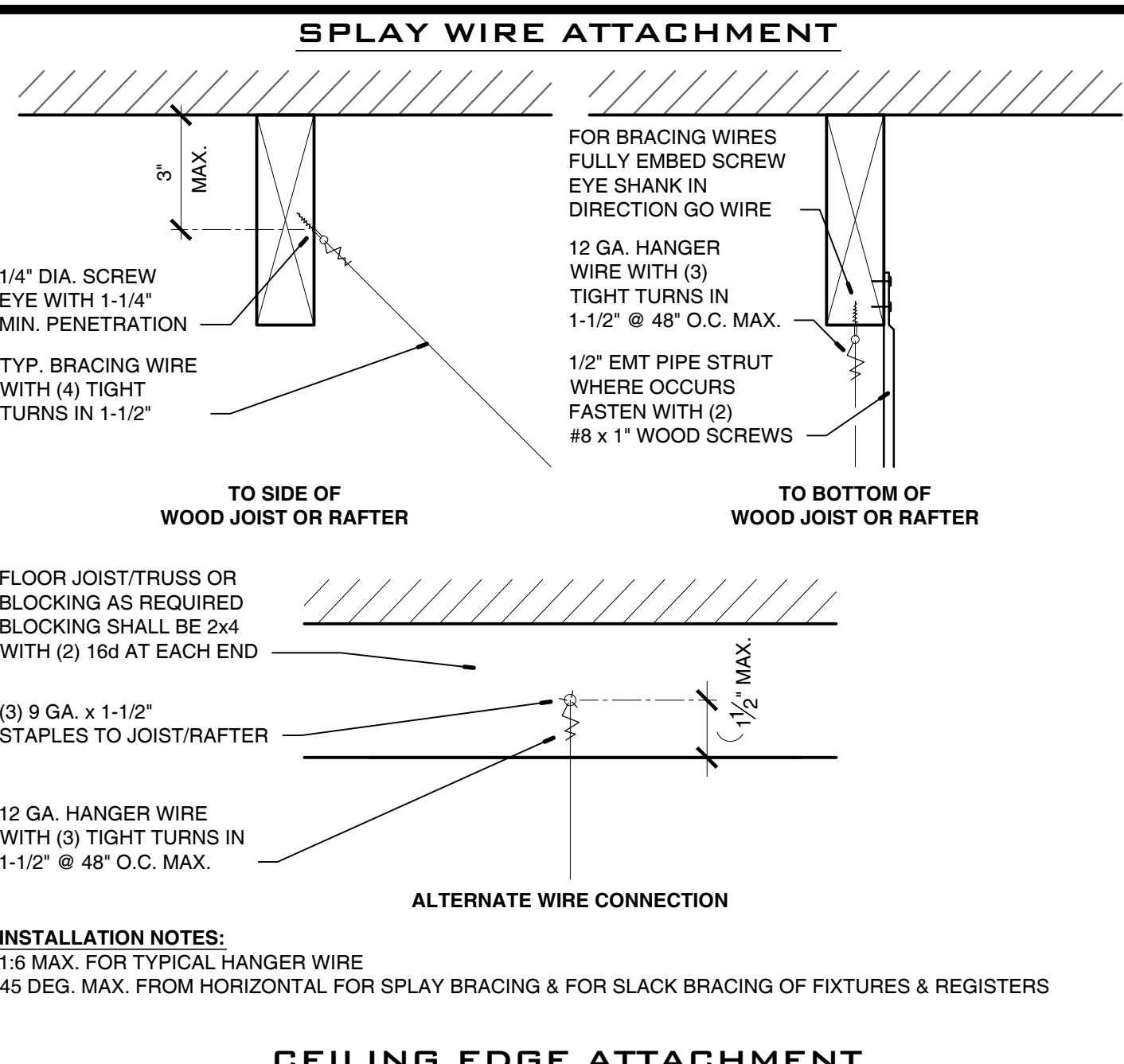
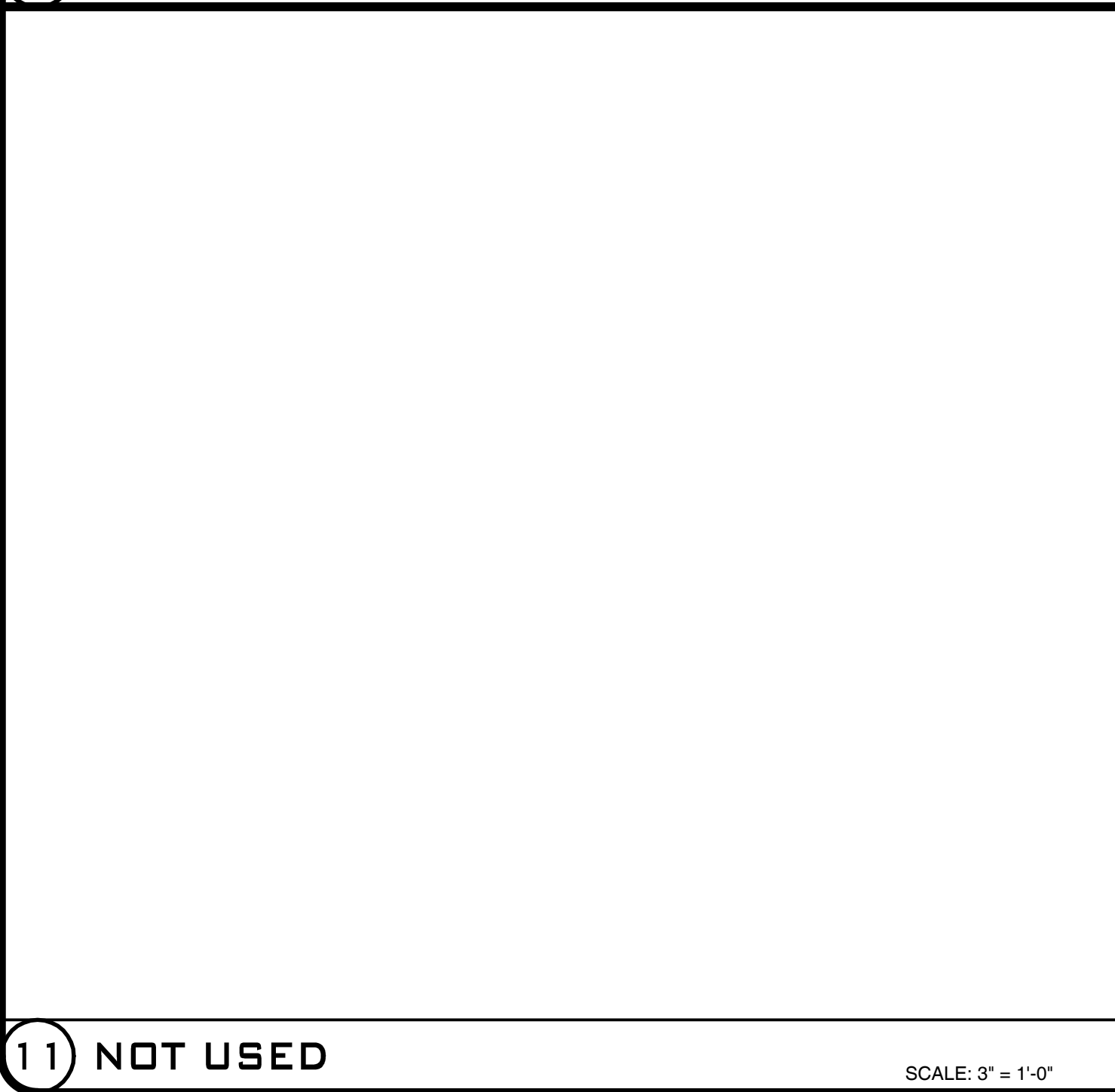
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OF SHEETS



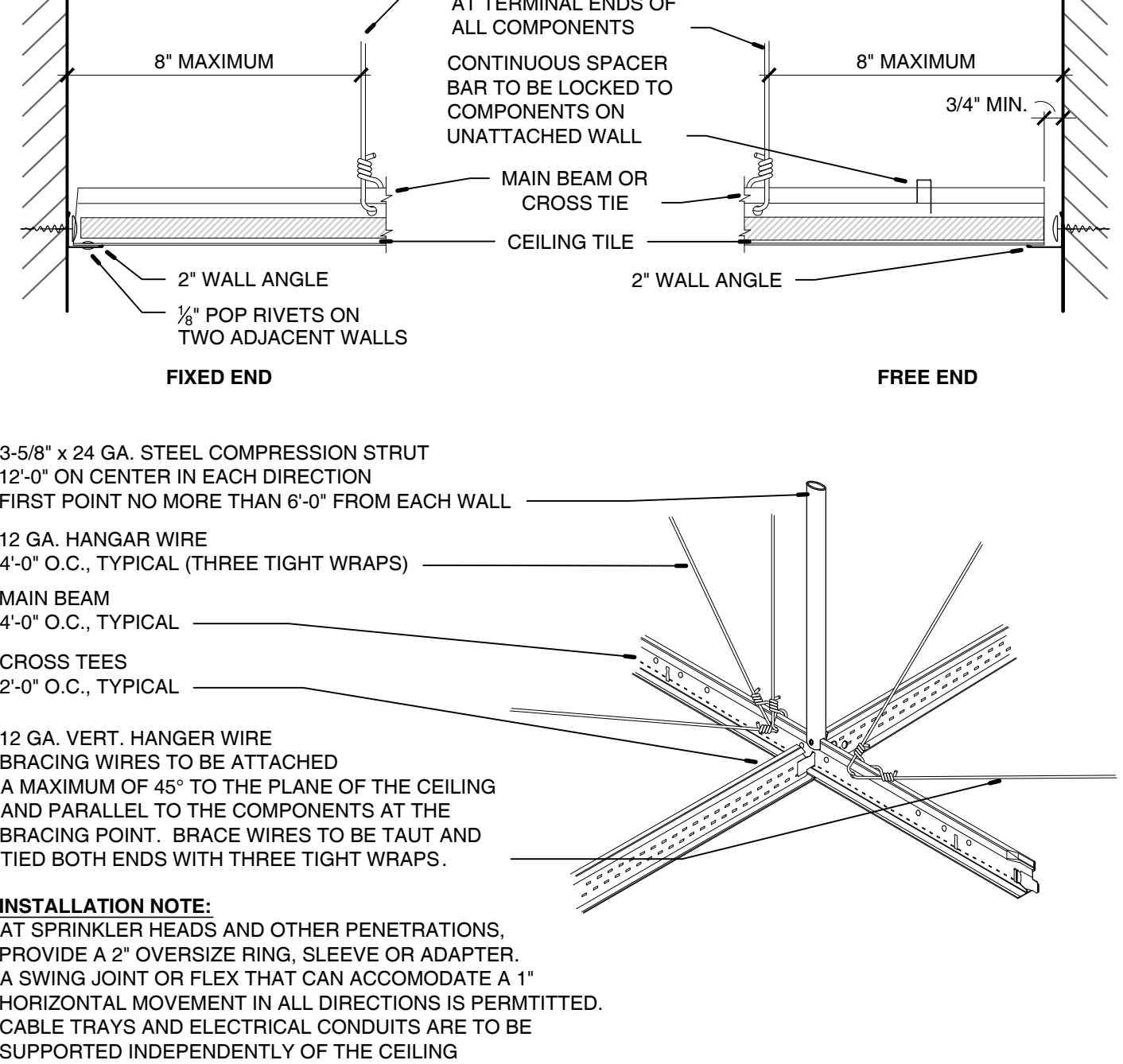
9 UPPER CABINET SCALE: 1-1/2" = 1'-0"



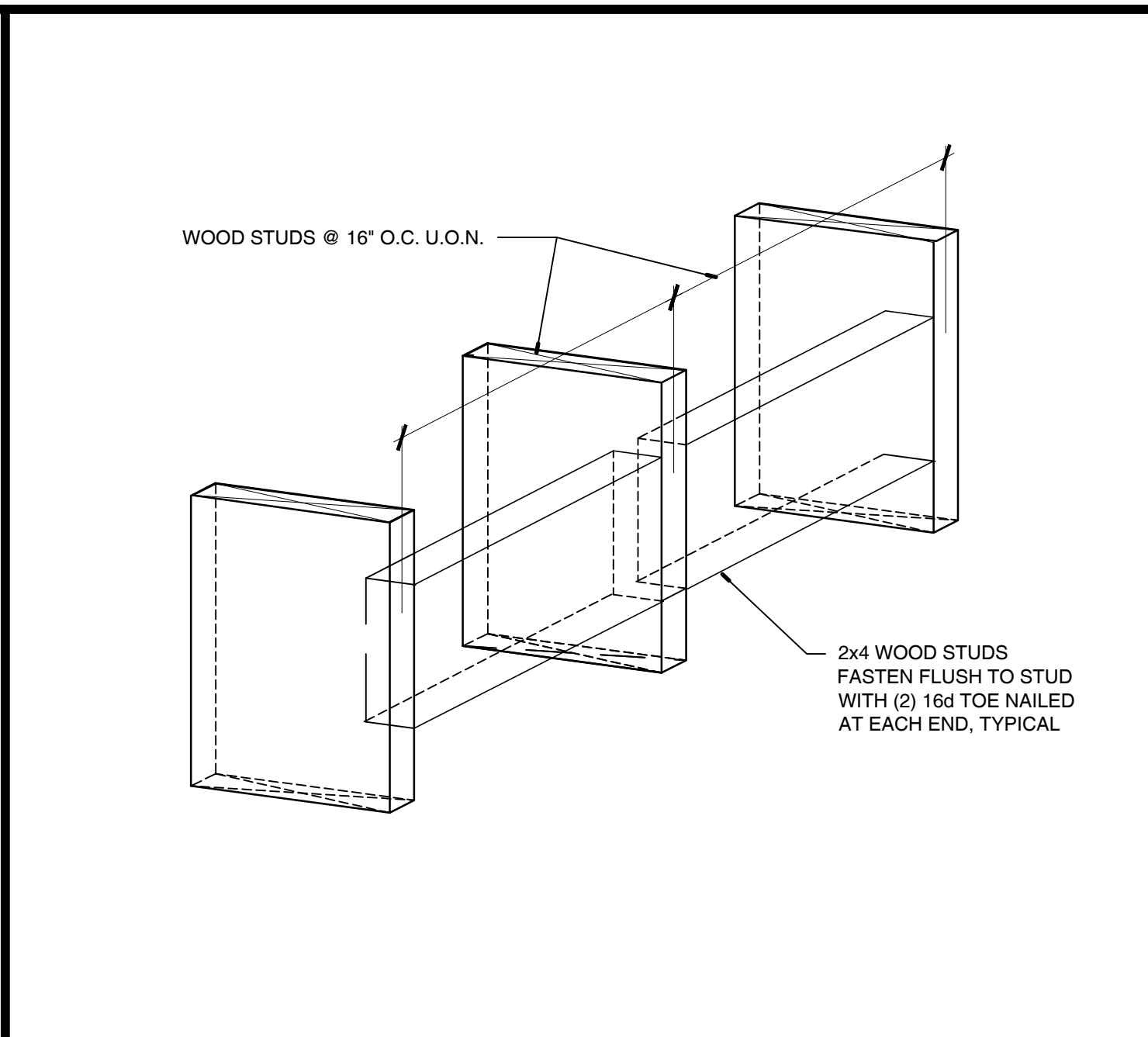
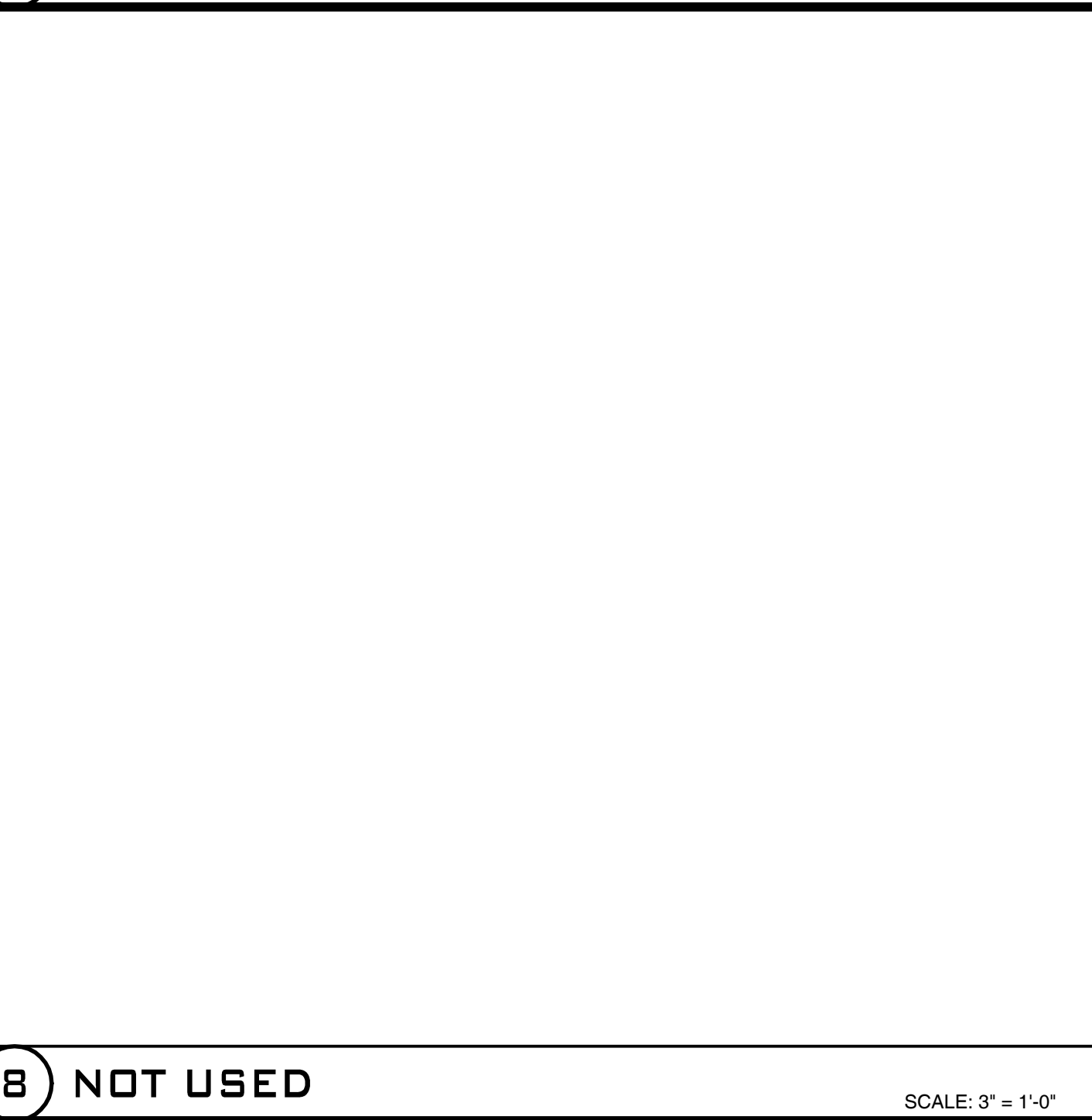
10 BASE CABINET SCALE: 1-1/2" = 1'-0"



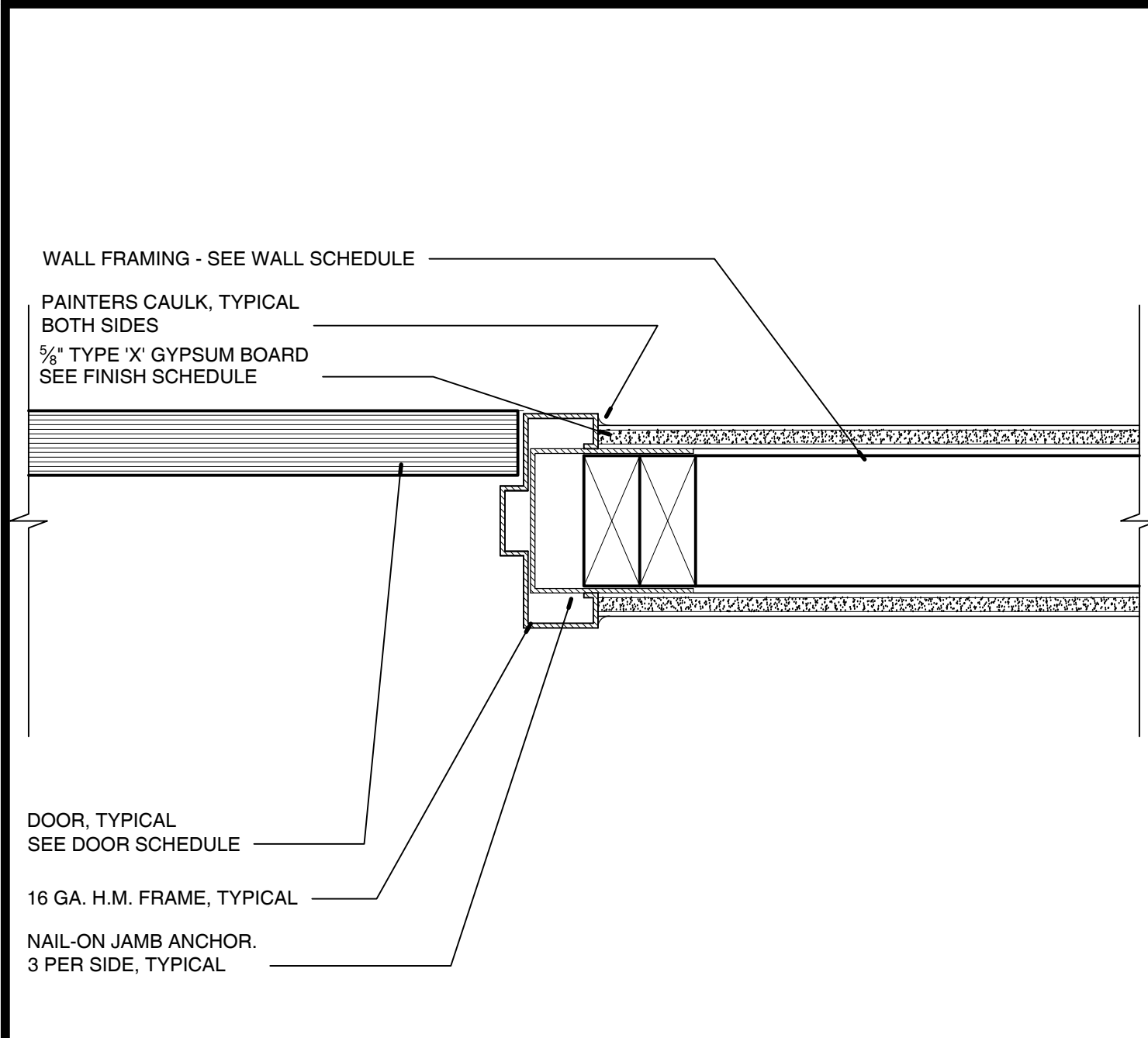
CEILING EDGE ATTACHMENT



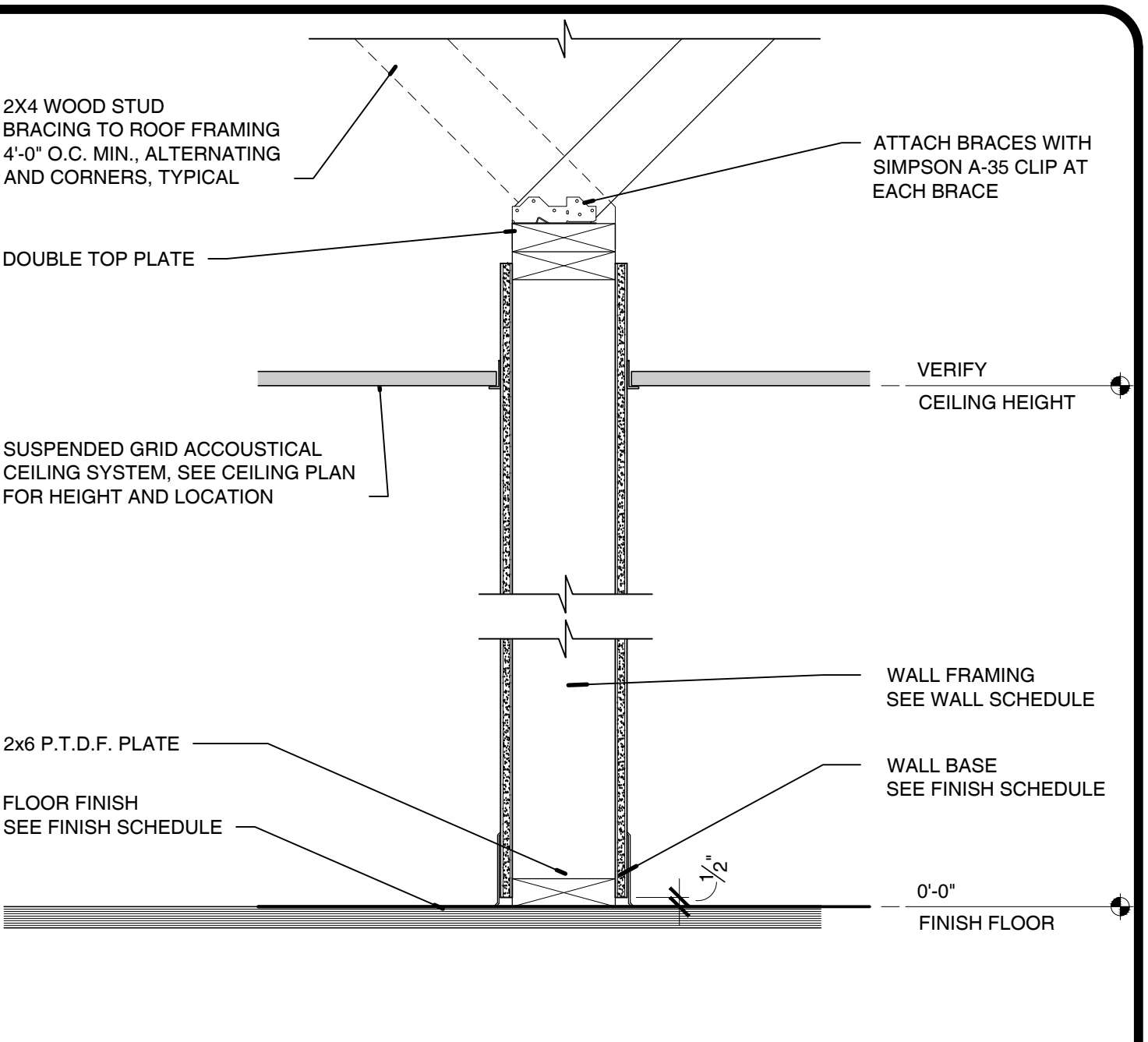
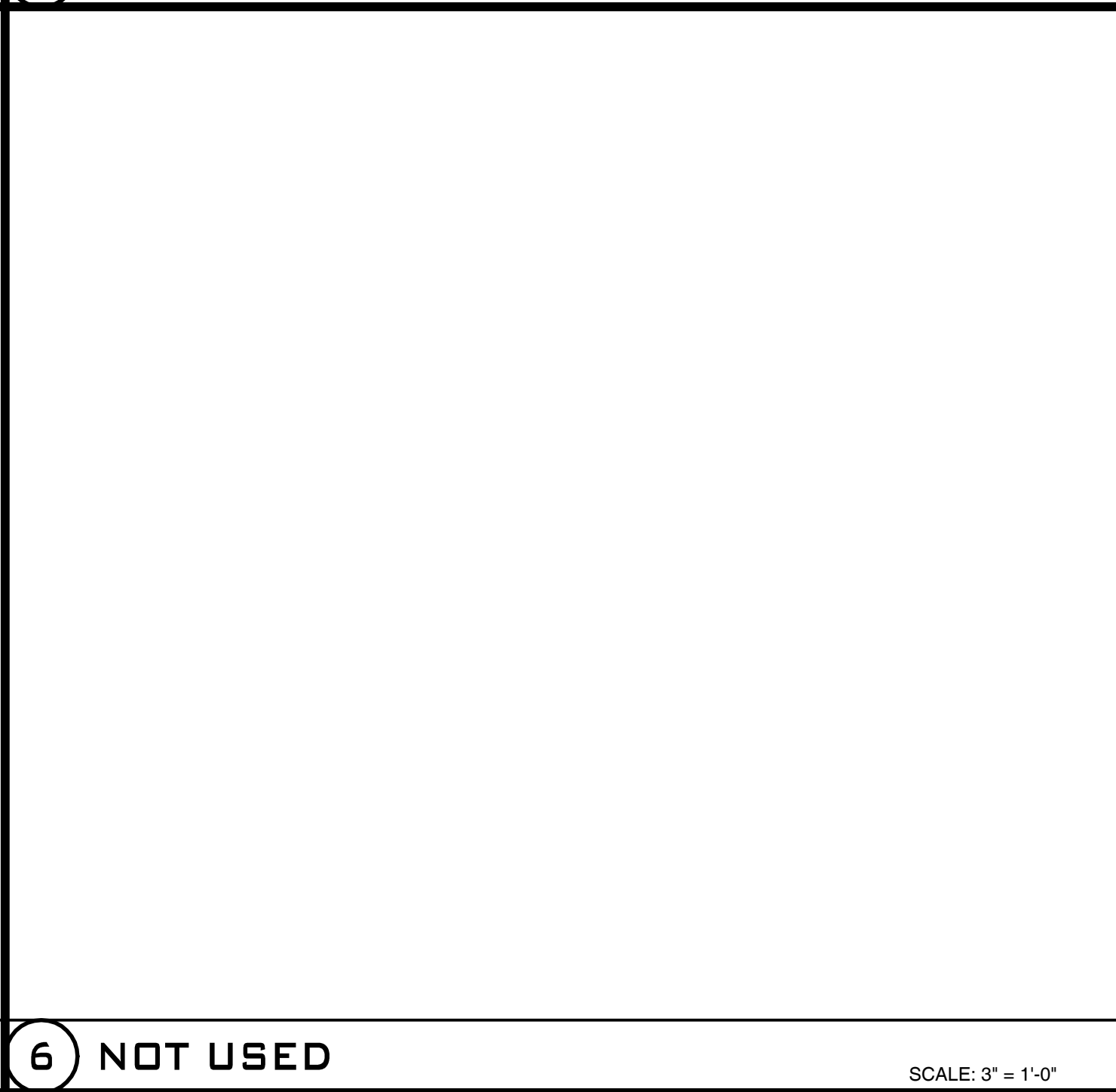
7 SUSPENDED CEILING SCALE: 3" = 1'-0"



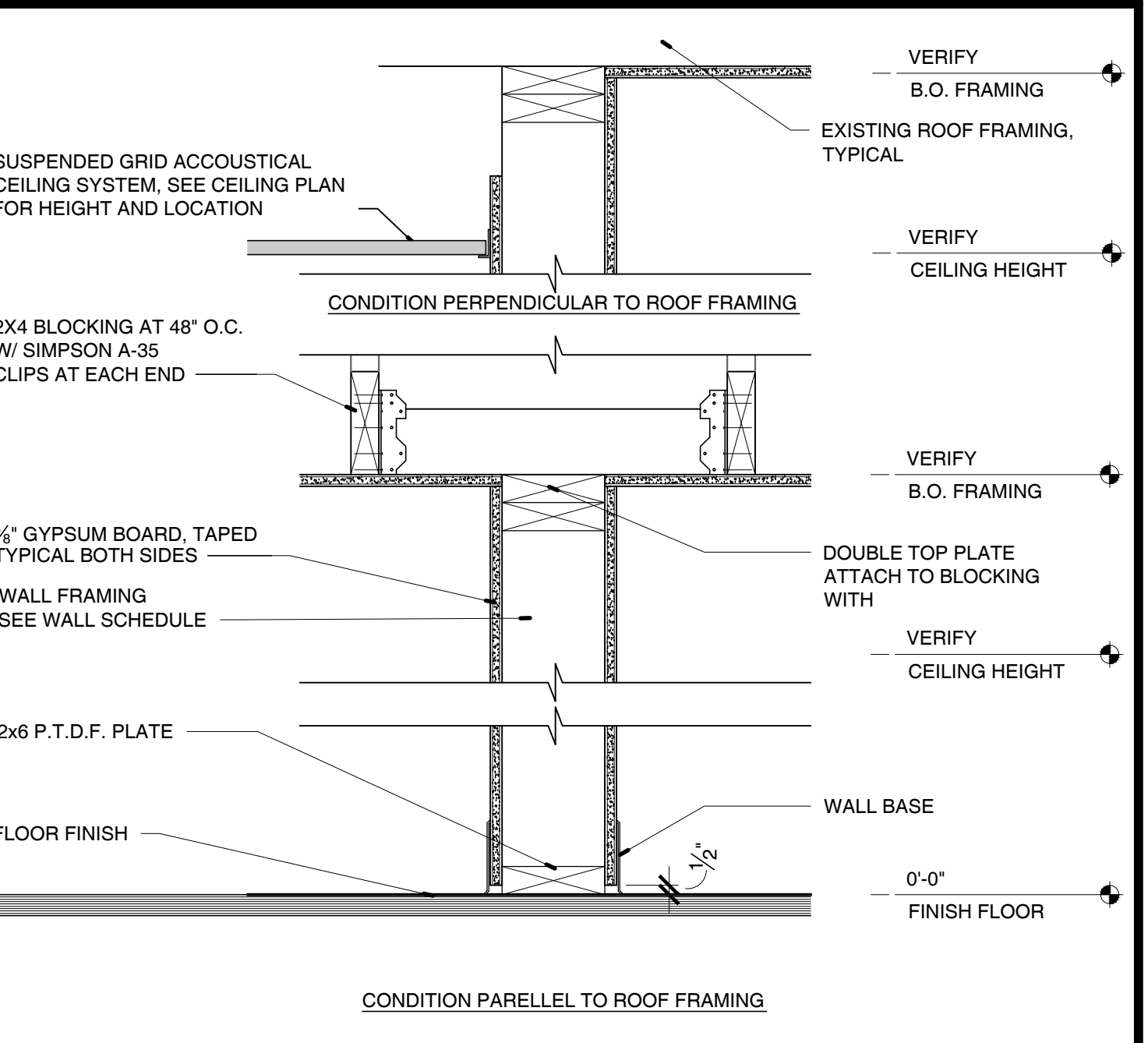
4 WALL BACKING SCALE: 1-1/2" = 1'-0"



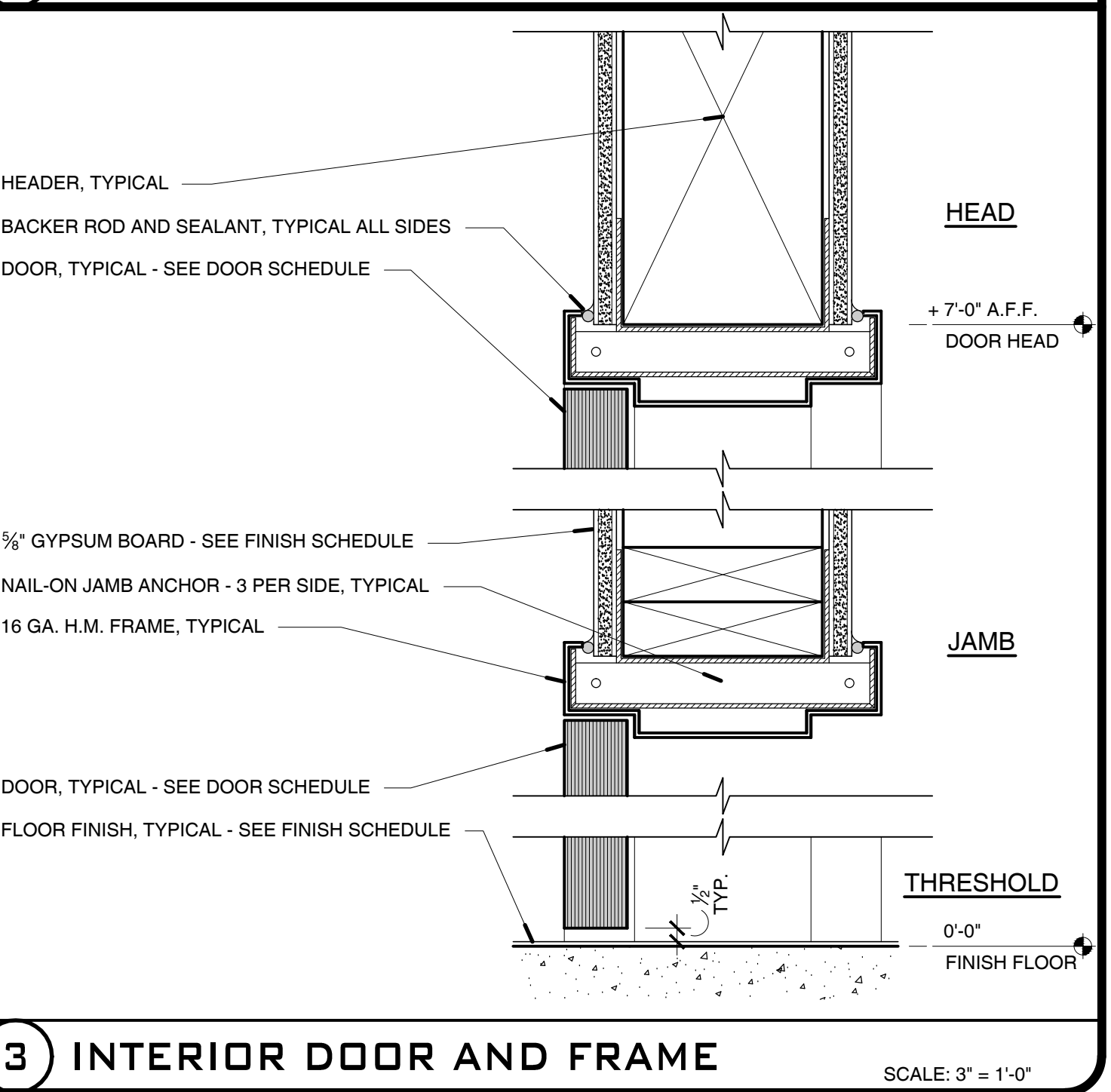
5 INTERIOR JAMB SCALE: 3" = 1'-0"



1 INTERIOR PARTITION SCALE: 1-1/2" = 1'-0"



2 INTERIOR PARTITION FULL HEIGHT SCALE: 1-1/2" = 1'-0"

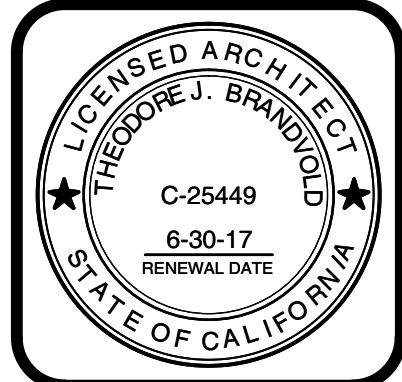


3 INTERIOR DOOR AND FRAME SCALE: 3" = 1'-0"

REVISIONS	BY
PLAN CHECK 10/5/16	DH

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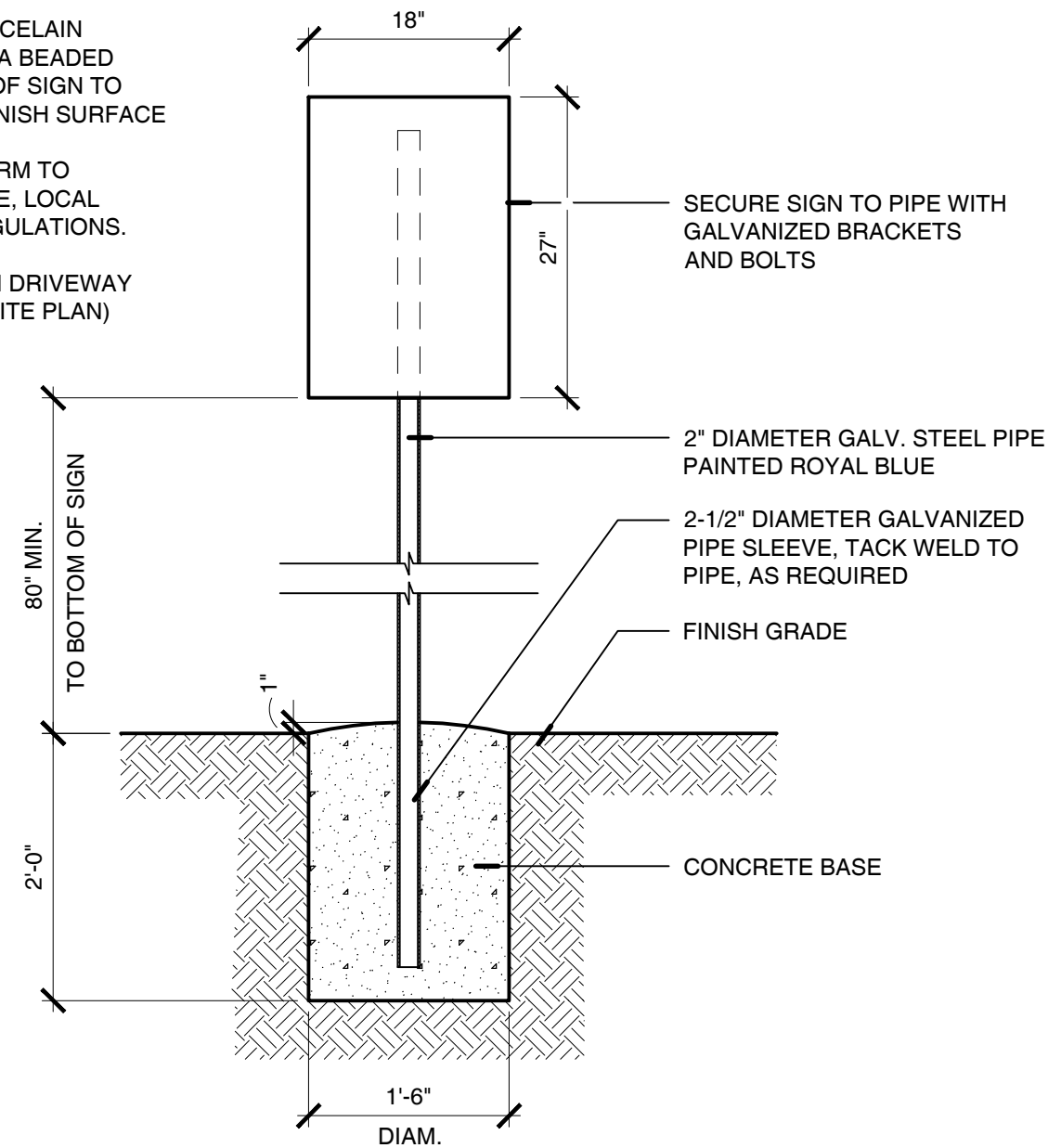
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NOTES:

1. SIGN TO BE PORCELAIN ON STEEL WITH A BEADED TEXT, BOTTOM OF SIGN TO BE 80" ABOVE FINISH SURFACE
2. SIGN TO CONFORM TO CURRENT, STATE, LOCAL CODES AND REGULATIONS.
3. LOCATE AT MAIN DRIVEWAY ENTRIES, (PER SITE PLAN)



10 POLE MOUNTED SIGN

SCALE: 3/4" = 1'-0"

ACCESSIBLE PARKING SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH 2013 CBC SECTION 11B-502.6:

PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.2.1. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN WITH THE DESIGNATION 'VAN ACCESSIBLE'. SIGNS SHALL BE 60 INCHES MINIMUM ABOVE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.

EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEEL CHAIR WITH OCCUPANT IN WHITE ON A DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISH GRADE. SIGNS MAY ALSO BE CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36 INCHES FROM THE PARKING SPACE FINISH GRADE, GROUND, OR SIDEWALK. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN WITH THE DESIGNATION 'VAN ACCESSIBLE'. SIGNS SHALL BE 60 INCHES MINIMUM ABOVE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.

AN ADDITIONAL SIGN SHALL ALSO BE PROVIDED IN ACCORDANCE WITH 2013 CBC SECTION 11B-502.8:

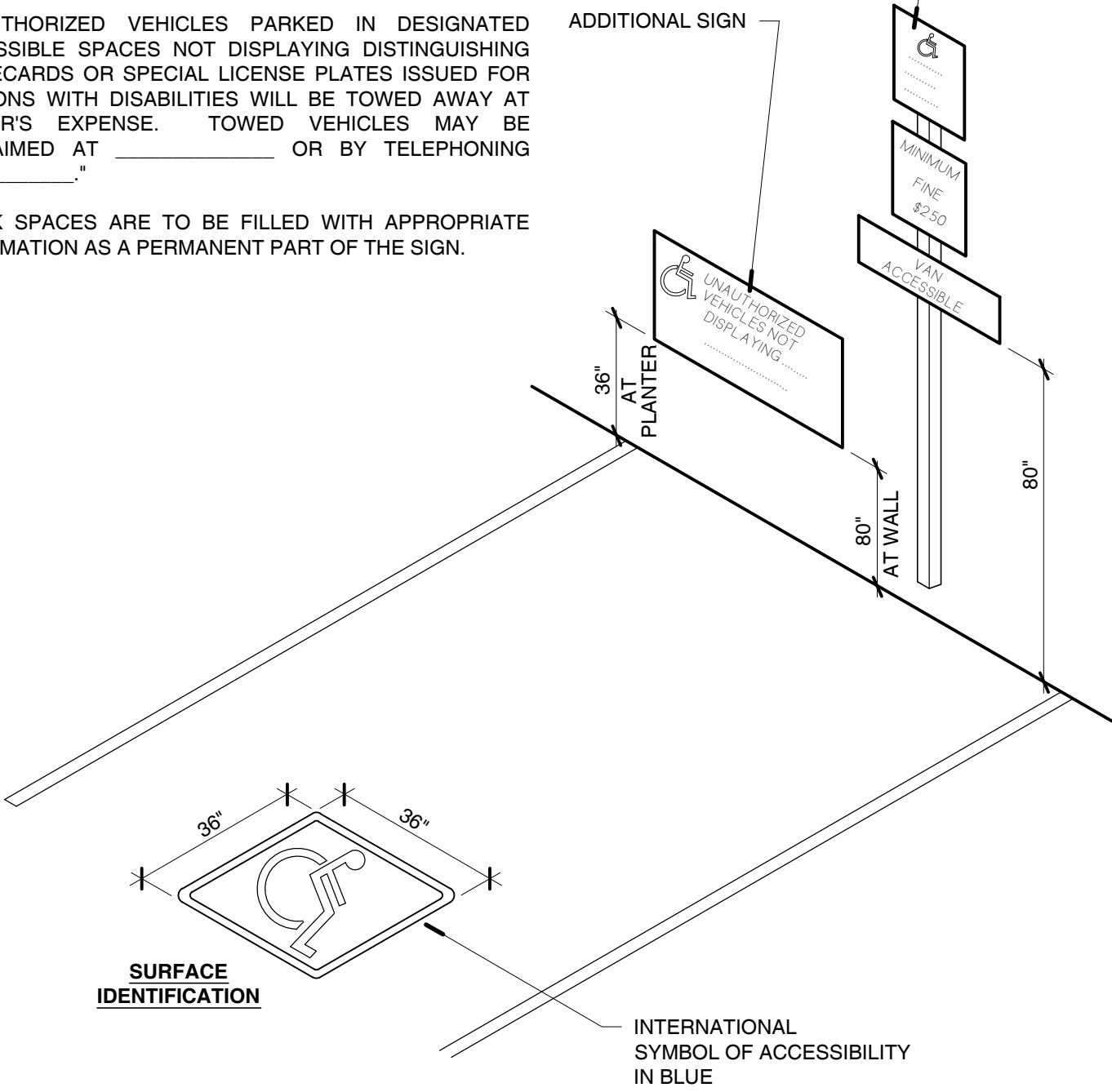
AN ADDITIONAL SIGN SHALL ALSO BE POSTED EITHER: 1) IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR 2) IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH PARKING SPACE. THE SIGN SHALL NOT BE LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACECARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNERS' EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT \_\_\_\_\_ OR BY TELEPHONING \_\_\_\_\_"

BLANK SPACES ARE TO BE FILLED WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN.

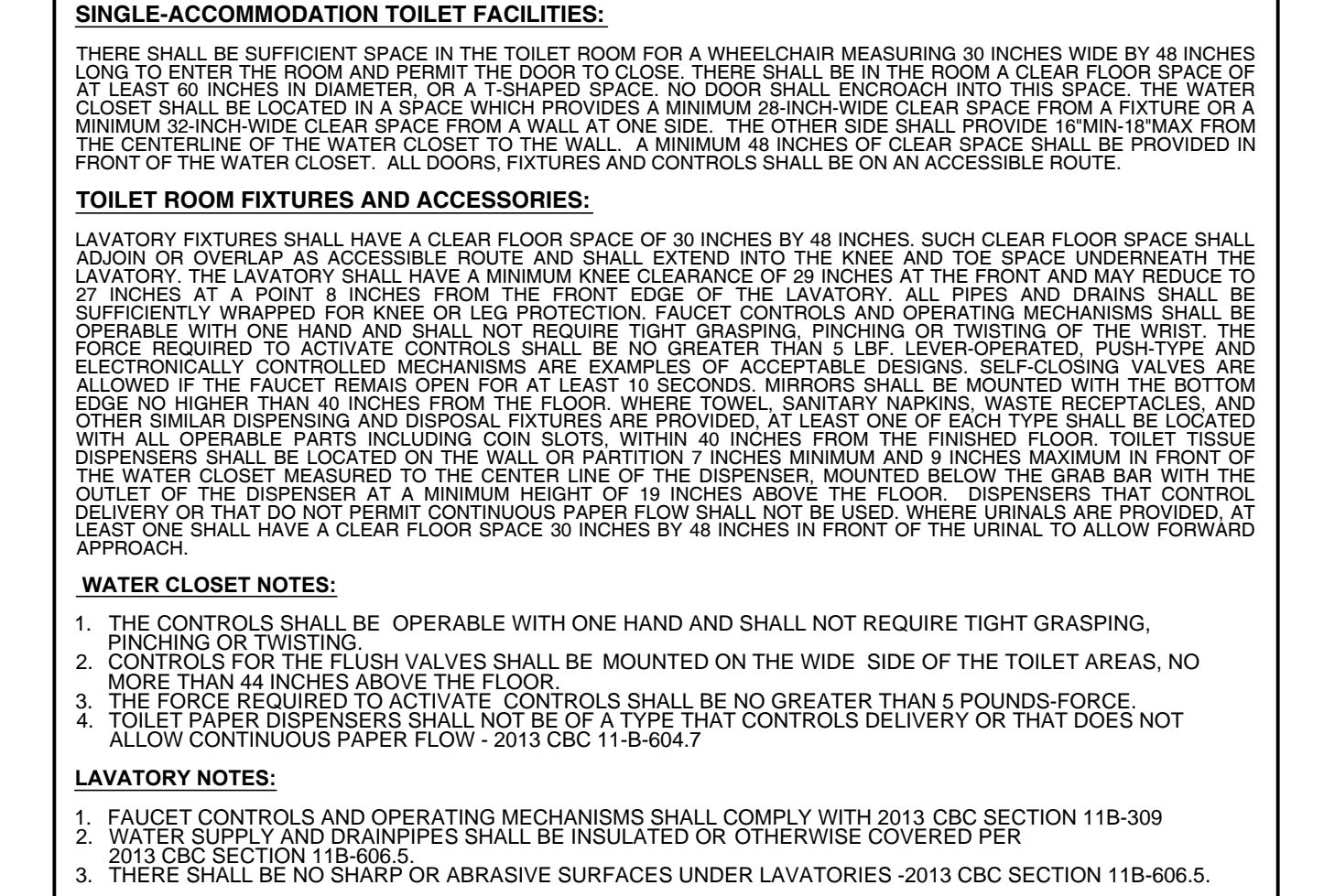
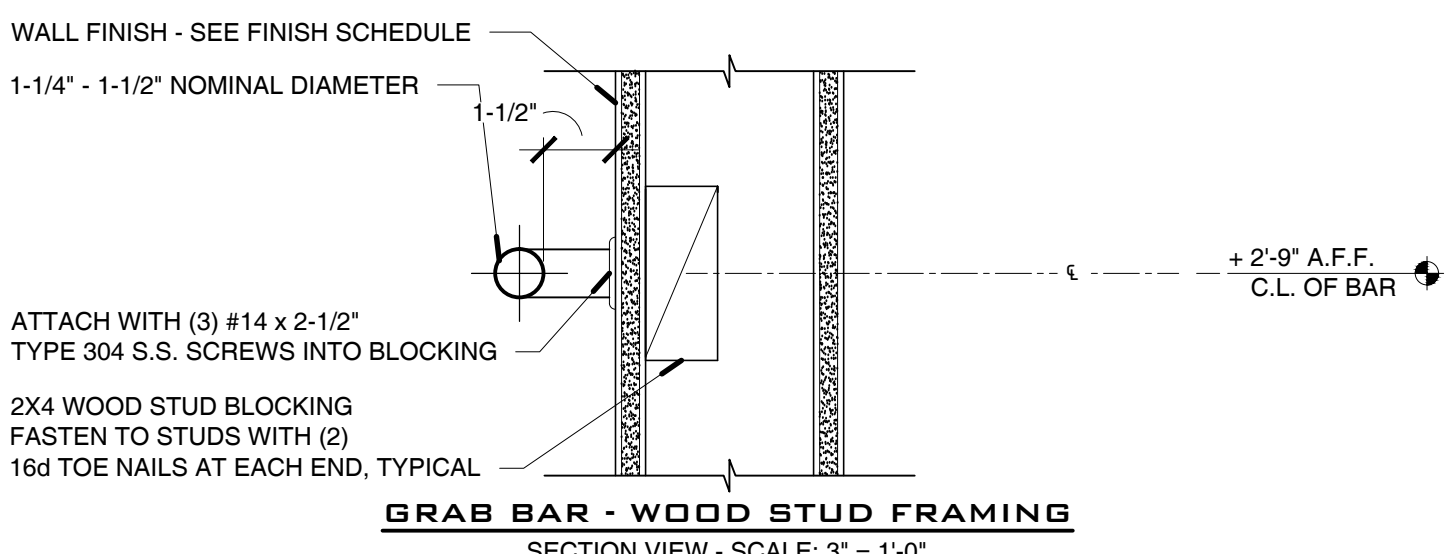
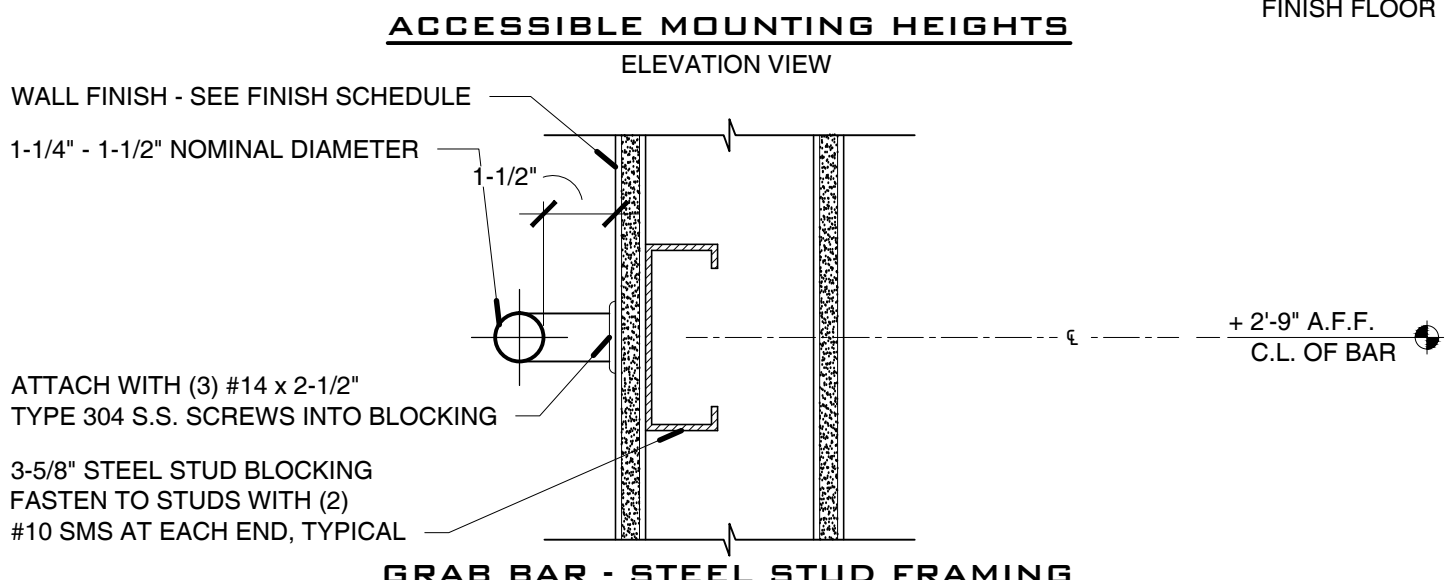
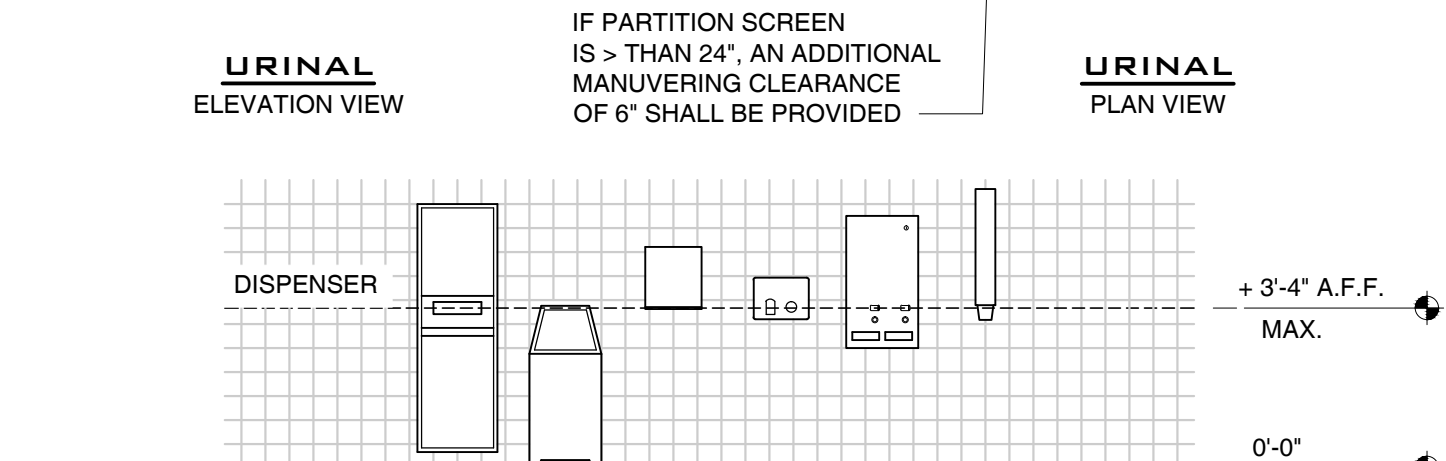
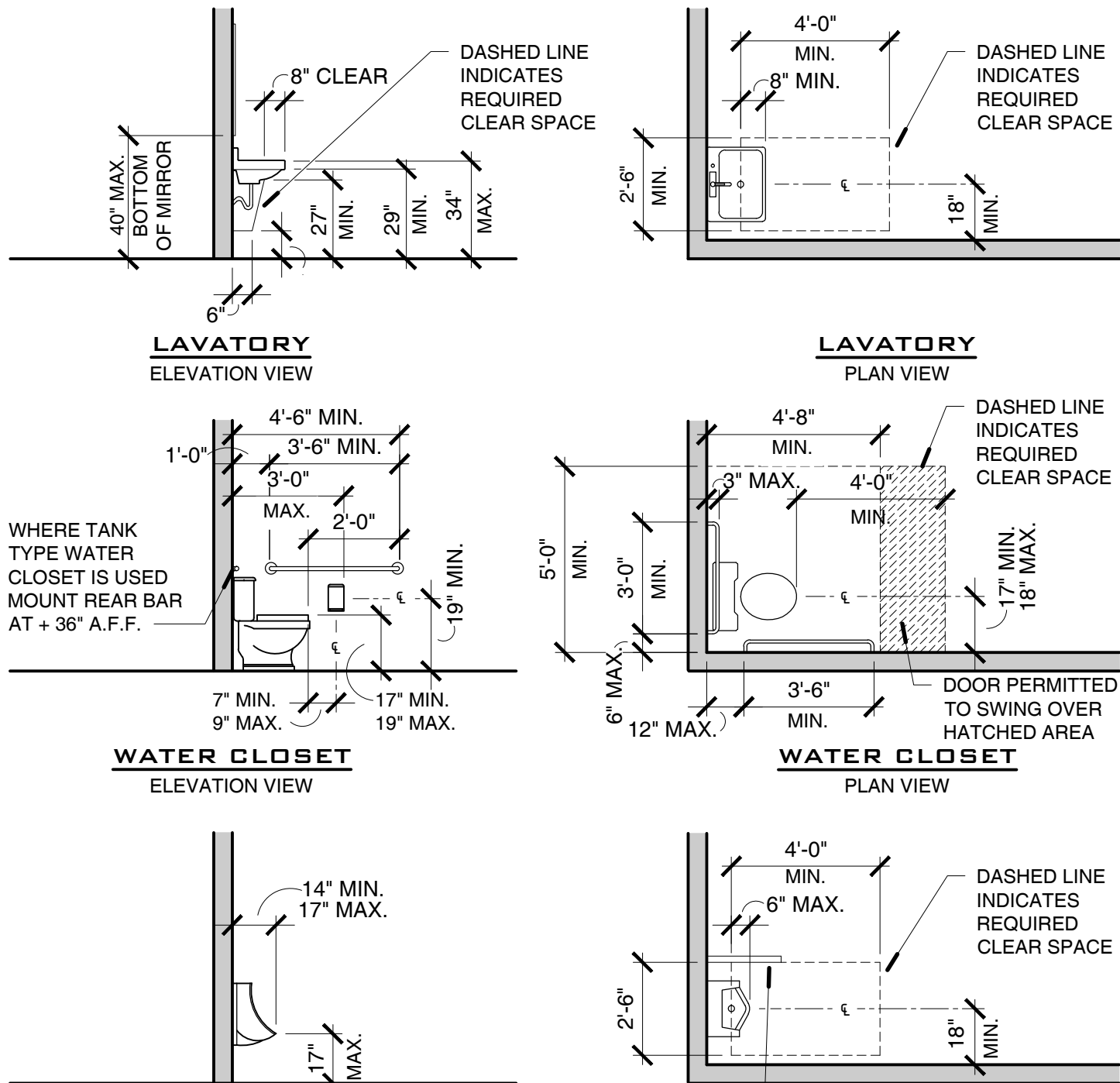
FREE STANDING SIGNS  
70 SQ. INCH AREA,  
SEE ACTUAL LANGUAGE ABOVE

ADDITIONAL SIGN



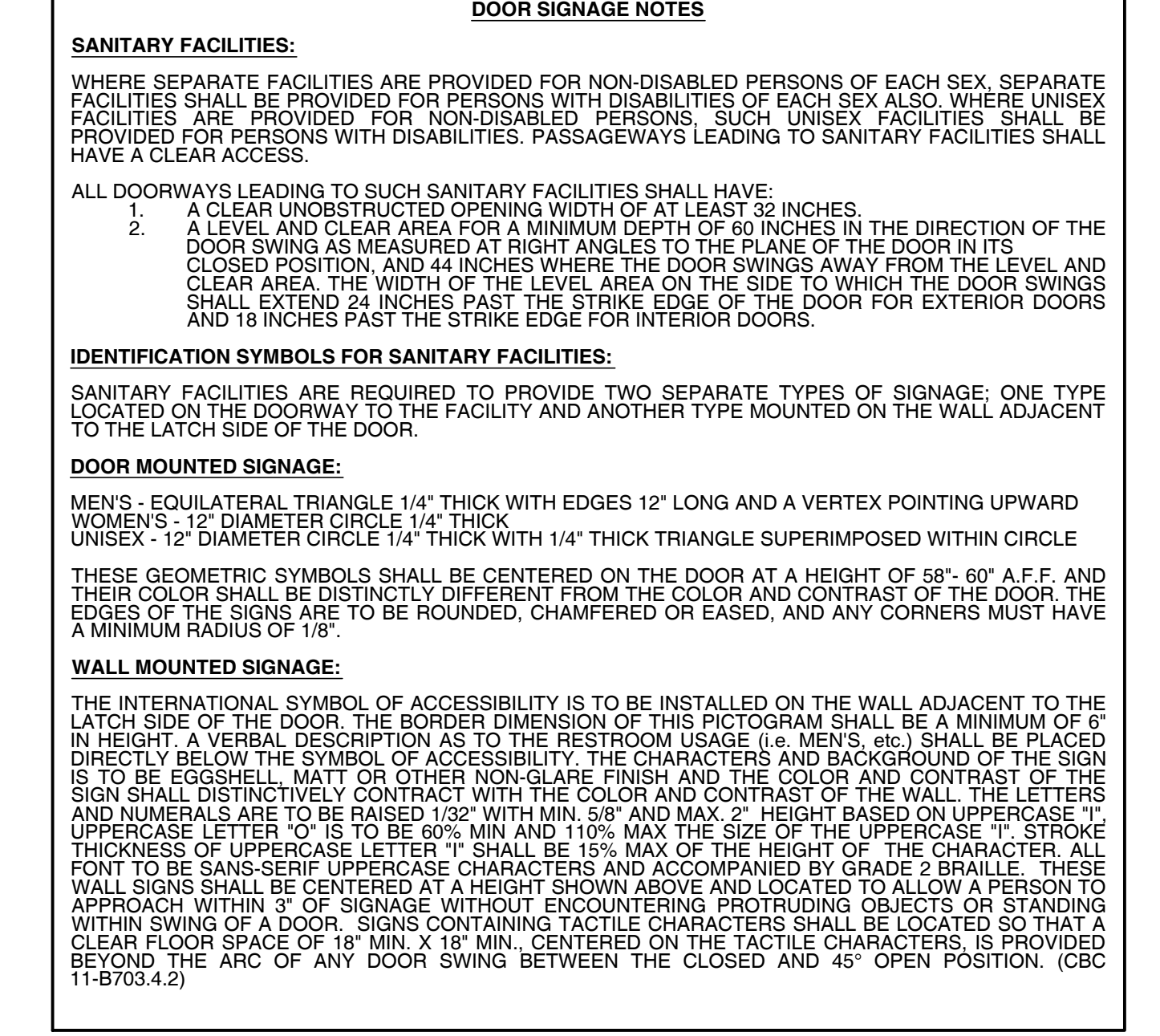
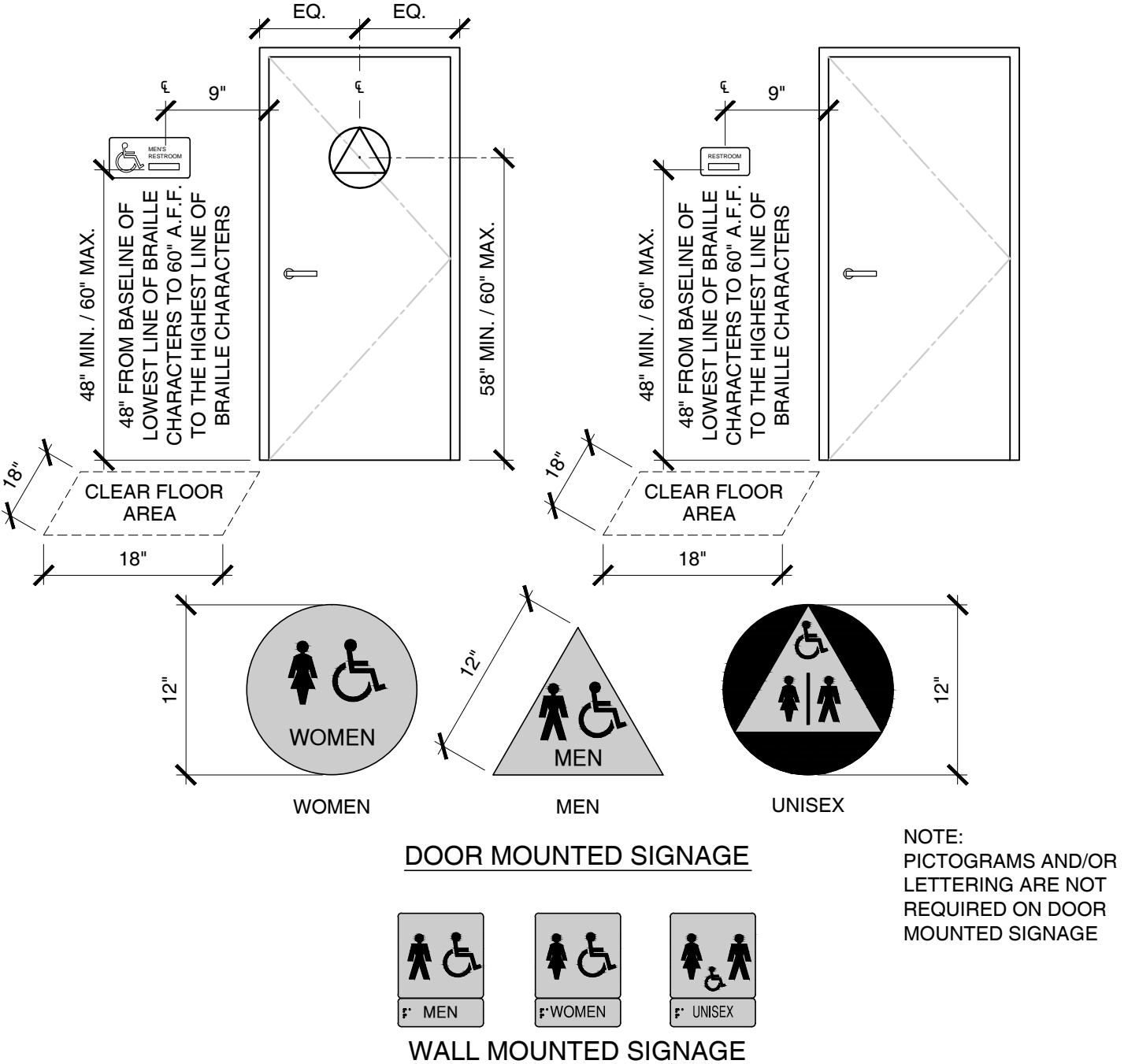
12 ACCESSIBLE PARKING SIGNAGE

SCALE: 3" = 1'-0"



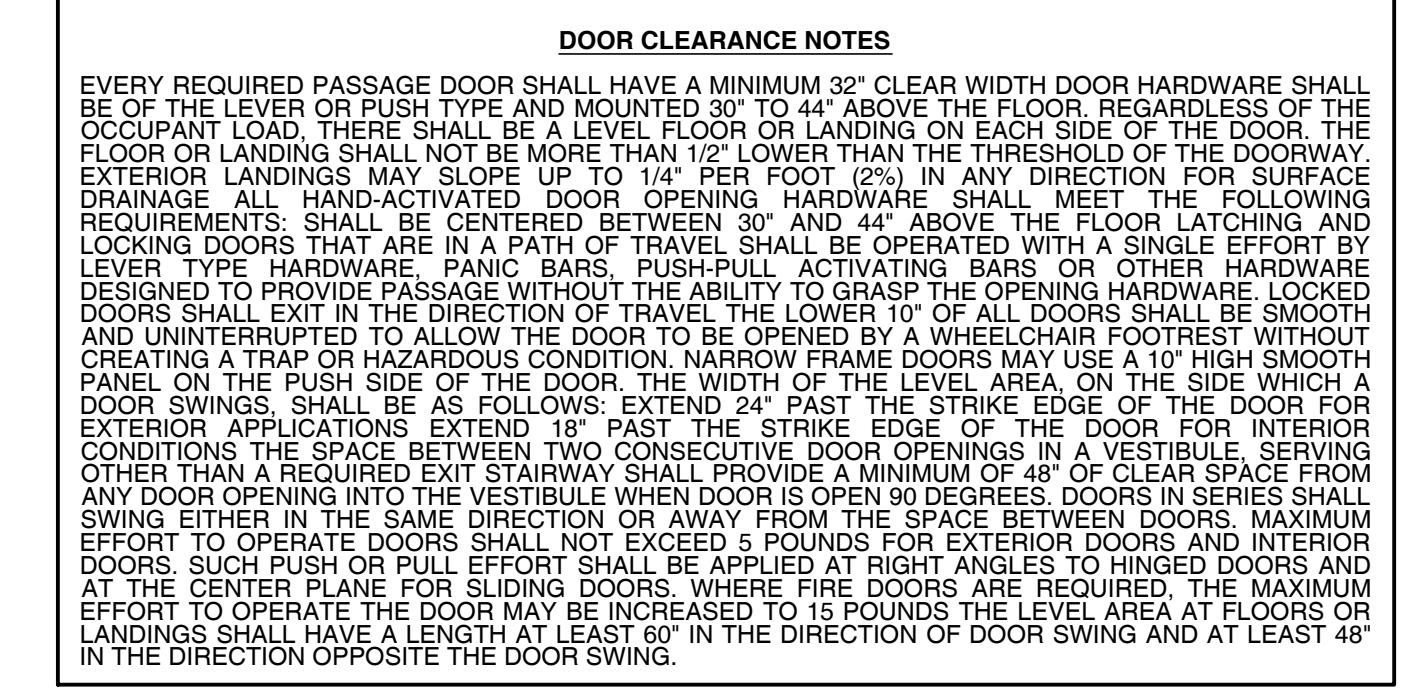
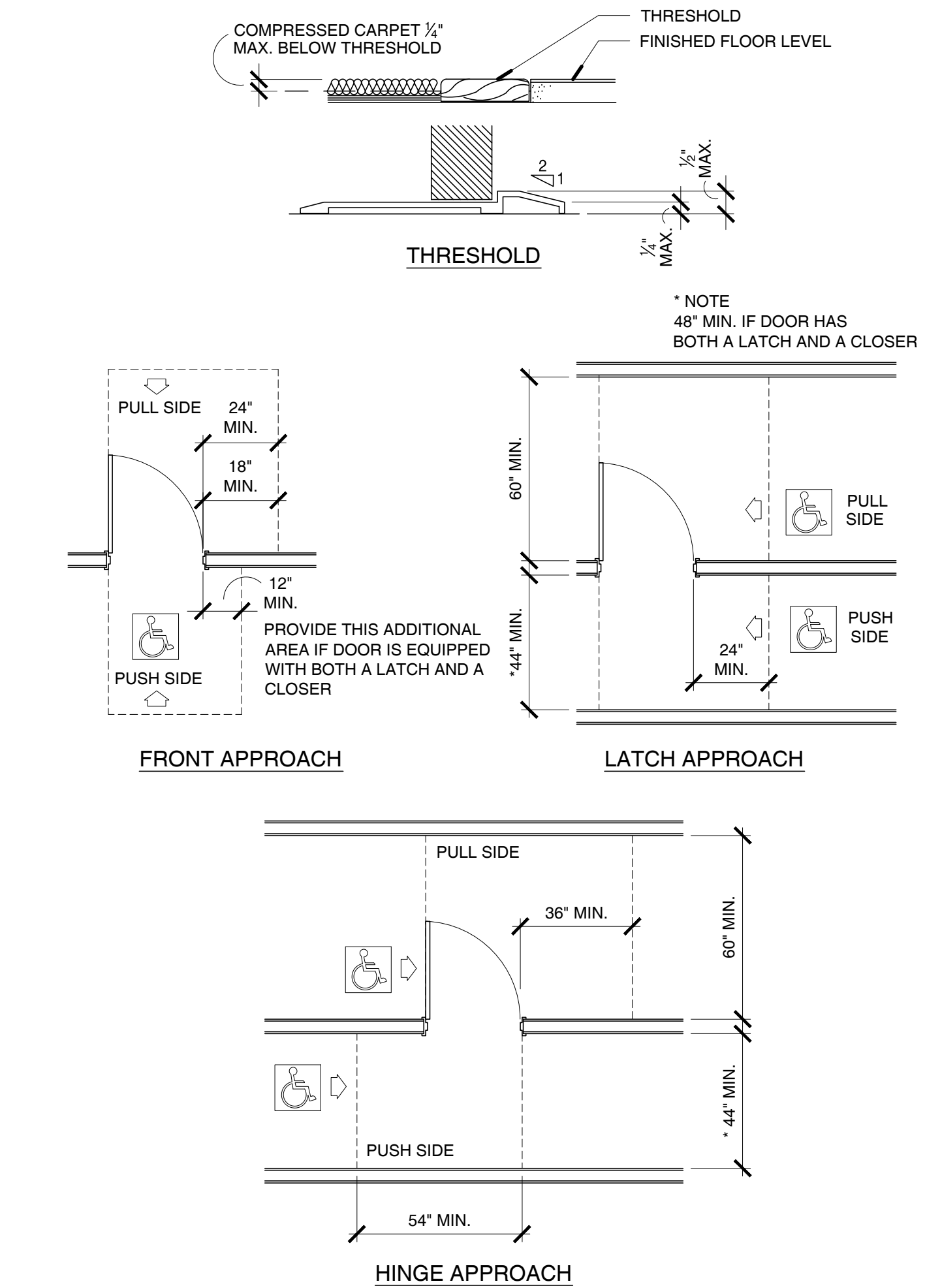
9 RESROOM CLEARANCE DETAILS

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



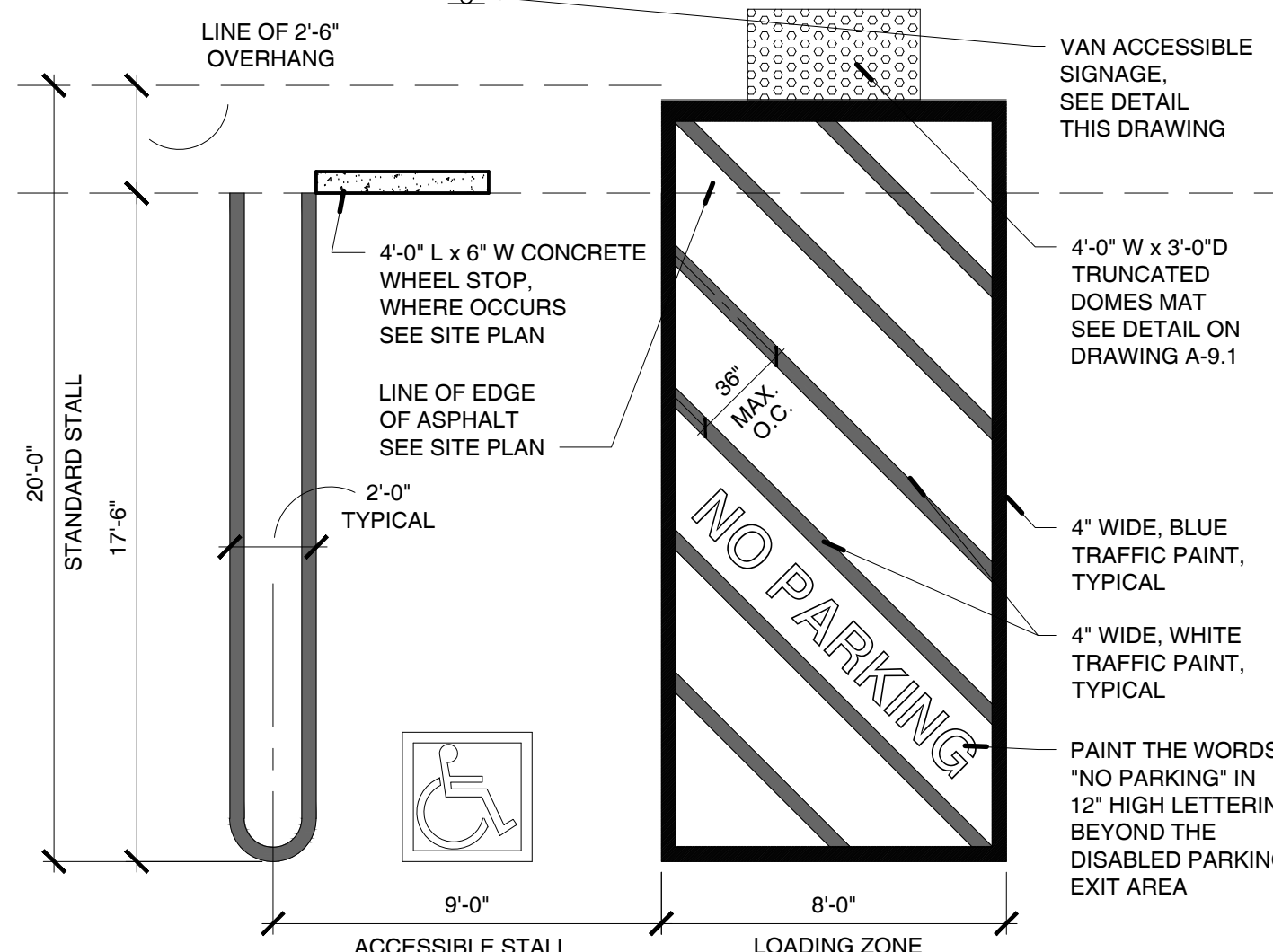
5 ACCESSIBLE DOOR SIGNAGE

NO SCALE



2 ACCESSIBLE DOOR CLEARANCES

NO SCALE



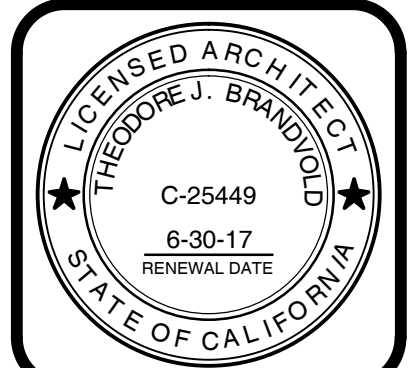
3 VAN ACCESSIBLE PARKING STALL

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

REVISIONS	BY
PLAN CHECK 10/5/16	DH

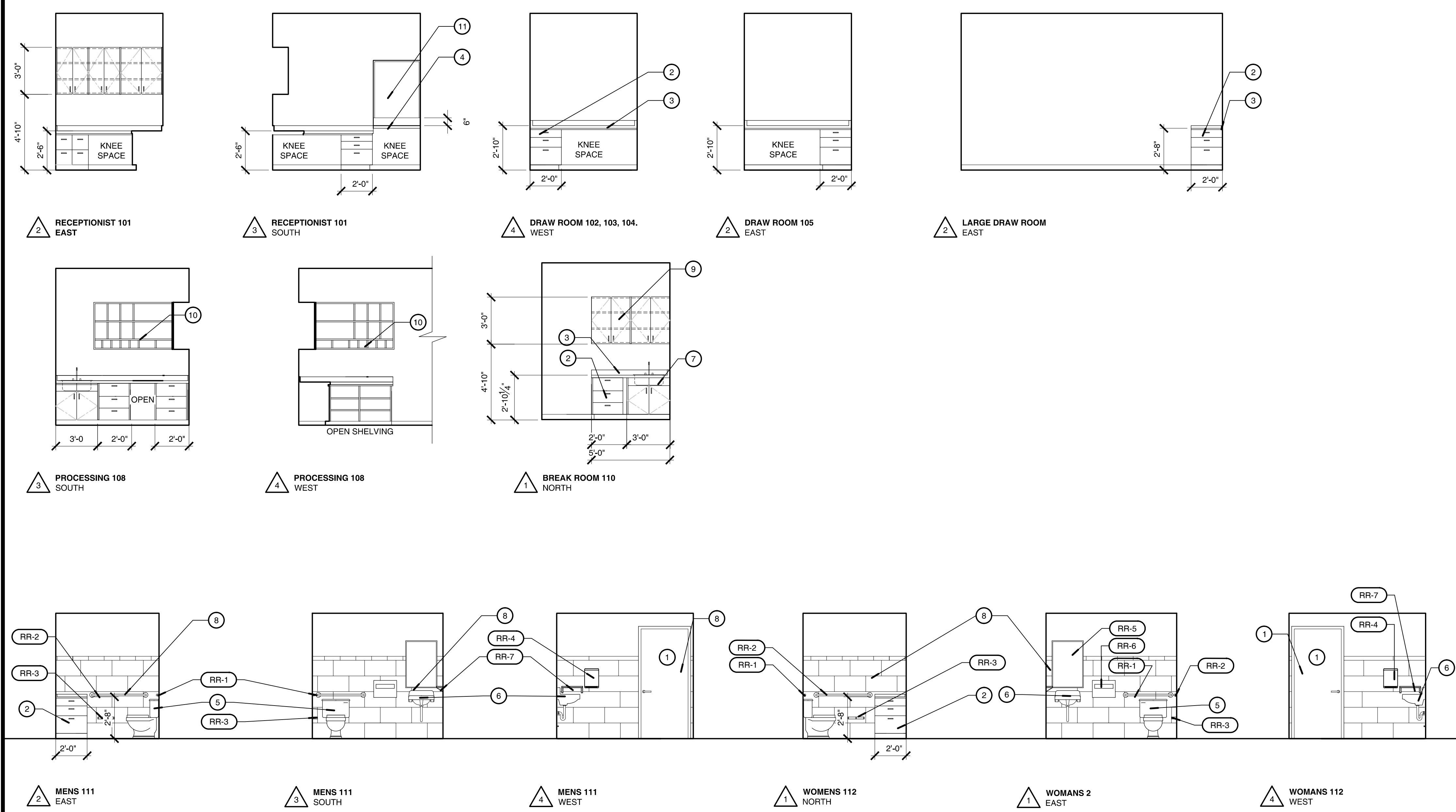
COMMERCIAL ARCHITECTURE INC.

THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160



PROJECT: TENANT IMPROVEMENT  
QUEST LABORATORIES  
CLIENT: QUEST LABORATORIES  
LOCATION: 2531 EAST WHITMORE AVE.,  
CERES, CA 95307

DRAWN DWH
CHECKED TJB
DATE 7/04/16
SCALE AS SHOWN
JOB NO. 16-129
SHEET
A-6.1
OF SHEETS



EQUIPMENT SCHEDULE

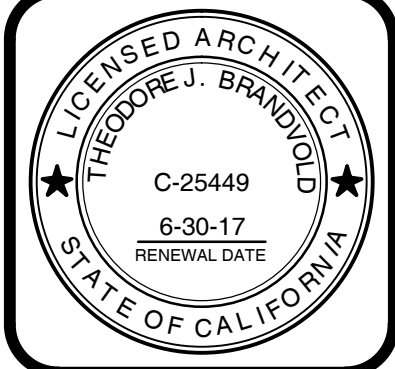
ITEM	MAKE/MODEL	DESCRIPTION	REMARKS
RESTROOM			
RR-1	BOBRICK B-6806 36"	36" GRAB BAR	MOUNT 33" TO C.L. OF BAR
RR-2	BOBRICK B-6806 42"	42" GRAB BAR	MOUNT 32" TO C.L. OF BAR
RR-3	BOBRICK B-6867	SURFACE MOUNTED TLT. PAPER DISPENSER	MOUNT 20" TO C.L.
RR-4	WORLD HAND DRYER	SURFACE MOUNTED NOVA 1 MODEL 830	PROVIDE DC POWER SUPPLY - SEE ELECTRICAL DRAWINGS MOUNT 40" TO DISPENSER
RR-5	BOBRICK B-165 1636	WELDED CHANNEL MIRROR 16x36	MOUNT 12" TO BOTTOM OF MIRROR
RR-6	BOBRICK B-221	SURFACE MOUNTED TOILET SEAT COVER DISPENSER	MOUNT 49" TO TOP OF FIXTURE
RR-7	BOBRICK B-295X16	STAINLESS STEEL SHELF / SATIN FINISH 5'X16"	
RR-8	BOBRICK B-2620	STAINLESS STEEL /SATIN FINISH PAPER TOWEL DISPENSER	NO KEY. USE KNOB TYPE.

KEYNOTES

- DOOR, TYPICAL - SEE DOOR SCHEDULE
- PLASTIC LAMINATE BASE CABINETS SEE FINISH SPECIFICATIONS AND DETAIL
- PLASTIC LAMINATE 4" BACK SPLASH, TYPICAL
- ACCESSIBLE COUNTER, MINIMUM 36" WIDE, MAXIMUM HEIGHT 34" ABOVE FINISH FLOOR (AT RECEPTION AREA ONLY)
- WATER CLOSET, TYPICAL - SEE PLUMBING DRAWINGS
- ACCESSIBLE, WALL HUNG LAVATORY, TYPICAL - SEE PLUMBING DRAWING
- SINGLE COMPARTMENT SINK, SEE PLUMBING DRAWINGS.
- FOR ADA RESTROOM CLEARANCES SEE DETAIL
- UPPER CABINETS, SEE DETAIL
- 6"X6" OPEN CUBBIES / 2 12" OPEN CUBBIES AND OPEN SHELVES ABOVE.
- WINDOW AT RECEPTIONIST TO BE 1/2" TEMPERED GLASS, OPEN 6" ABOVE COUNTER AS SHOWN FOR PASS THRU. FRAME SHALL BE ALUMINUM STOP MILL FINISH, GASKETED TYPE. ATTACH TO WALL HEAD AND JAMB BOTH SIDES.

REVISIONS	BY
PLAN CHECK 10/5/16	DH

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PROJECT : TENANT IMPROVEMENT  
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LOCATION : 2531 EAST WHITMORE AVE.,  
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<b>A-7.0</b>
OF SHEETS

# SEE DRAWING A-8.0 FOR FINISH SCHEDULE AND SPECIFICATIONS

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



INTERIOR FINISH SCHEDULE											
#	ROOMNAME	FLOOR ING	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILIN G	BASE CABIN ET	COUNT ER	REMARKS
100	WAITING ROOM	F-1	B-1	W-1 W3	W1 W3	W1 W3	W1 W4	C-1			ACCENT WALL ON WEST WALL
101	RECEPTIONIST	F-1	B-1	P-1	P-2	P-1	P-1	C-1	PL-1	PL-2	
102	DRAW ROOM	F-1	B-1	P-1	P-1	P-1	P-3	C-1	PL-1	PL-2	
103	DRAW ROOM	F-1	B-1	P-1	P-1	P-1	P-3	C-1	PL-1	PL-2	
104	DRAW ROOM	F-1	B-1	P-1	P-1	P-1	P-3	C-1	PL-1	PL-2	
105	DRAW ROOM	F-1	B-1	P-1	P-3	P-1	P-1	C-1	PL-1	PL-2	
106	LARGE DRAW ROOM	F-1	B-1	P-1	P-3	P-1	P-1	C-1	PL-1	PL-2	
107	HALL	F-1	B-1	P-1	P-1	P-1	P-1	C-1	PL-1	PL-2	
108	PROCESSING	F-1	B-1	P-1	P-1	P-1	P-1	C-1	PL-1	PL-2	
109	STORAGE	F-1	B-1	P-1	P-1	P-1	P-1	C-1	PL-1	PL-2	
110	BREAK ROOM	F-1	B-1	P-3	P-1	P-1	P-1	C-1	PL-1	PL-2	
111	MENS RESTROOM	F-2	F-2	P-1 W-2	P-1 W-2	P-1 W-2	P-1 W-2	C-2	PL-1	PL-2	
112	WOMENS RESTROOM	F-2	F-2	P-1 W-2	P-1 W-2	P-1 W-2	P-1 W-2	C-2	PL-1	PL-2	
113	UTILITY	F-3	B-1	P-1	P-1	P-1	P-1	C-1	PL-1	PL-2	

CEILING SPECIFICATIONS				FLOOR FINISHES			
C-1	SUSPENDED ACOUSTIC TILE CEILING  ARMSTRONG SECOND LOOK - WHITE, 2X4 GRID, :PRELUDE XL, 15/16" EXPOSED "T".			F-1	VINYL FLOORING COLOR; STYLE: ASHLAR INSTALLATION.	MANUFACTURER; ARMSTRONG NATURAL CREATIONS ARBOR ART, BARNSIDE ASHEN TP054 PLANK SIZE ,	
C-2	GYPSUM BOARD  5/8" TYPE "X" GYPSUM BOARD MOISTURE RESISTANT AT RESTROOMS TAPE, LEVEL 4 - LEVEL 4 SMOOTH FINISH.. PAINT ; WHITE, SATIN FINISH			F-2	TILE FLOORING  MANUFACTURER: STYLE: SIZE: COLOR & GROUT ASH P2339370, BASE;	GOTHAM PORCELAIN 12"X24" CLOCKTOWER AV323 WITH TEC GRAY SCHLUTER DIXE -AHK	
CASEWORK				F-3	TILE FLOORING  MANUFACTURER: STYLE: SIZE: GREIGE 51804	ARMSTRONG MONOLITHIC INSTALLATION 12"X12" STD, EXCELOM EARTHSTONE	
PL-1	PLASTIC LAMINATE CABINET  MANUFACTURER: WILSONART STYLE: LAMINATE COLOR: SLATE GRAY D91-60			WALL FINISH			
PL-2	PLASTIC LAMINATE COUNTERTOP  MANUFACTURER: WILSONART STYLE: LAMINATE COLOR: CLASSIC LINEN 4943-38			W-1	GYPSUM BOARD 5/8" TYPE "X" GYPSUM BOARD MOISTURE RESISTANT AT RESTROOMS AND WET AREAS TAPE; LEVEL 4 - SMOOTH FINISH@WALLPAPER ORANGE PEEL FINISH THROUGHOUT PAINT ; SEE PAINT SCHEDULE		
PL3	PLASTIC LAMINATE AT DOORS  MANUFACTURER: WILSONART STYLE: LAMINATE COLOR: SKYLINE WALNUT 796-12			W-2	63" CERAMIC TILE WAINSCOT, WITH BULLNOSE CAP MANUFACTURER; GOTHAM STYLE: PORCELAIN SIZE: 12X24" AND 3" X 12" AT BULLNOSE COLOR AND GROUT; CLOCKTOWER AV323 WITH TEC GRAY ASH P2339370 BASE; SCHLUTER DIXE-AHK		
WALL FINISH				W-3	WALL COVERING; MANUFACTURER; COLOR/ PATTERN;		DESIGNTEX INTERSECTION 614V-801 SILVERLEAF
B-1	MANUFACTURER: BURKE STYLE: WALL BASE COVE ROLL 4" COLOR: 44 DARK BROWN			W-4	WALL COVERING; MANUFACTURER; COLOR/ PATTERN;		DESIGNTEX ACCENT PIPER 6072-802 PIGEON. VERIFY LOCATION WITH CLIENT.

DOOR AND WINDOW TYPES	

INTERIOR PAINT	
SHERWIN WILLIAMS (OR APPROVED ALTERNATE)	
GYP. BOARD RESTROOMS: 1st Coat : 2nd Coat : 3rd Coat : GYP. BOARD ALL OTHER AREAS: 1st Coat : 2nd Coat : 3rd Coat : P1 AGREEABLE GRAY ORANGE PEELTEXTURE. SATIN FINISH. P2 HUMBLE GOLD SW 6380 P3 ANJOU PEAR SW 6381	
NOTE: ALL FINISHES SHALL MEET 2013 CBC SECTION 803	

DOOR SCHEDULE											
	WIDTH	HEIGHT	THICK	TYPE	MATL	FRAME	HDWR	HEAD	JAMB	THRS	REMARKS
1	3'-0"	7'-0"	1"	B	GLZ	AL	1	existing	existing	existing	1, 3
2	3'-0"	7'-0"	1 3/4"	E	SC	HM	5	3/A-5.0	5/A-5.0	3/A-5.0	4
3	3'-0"	7'-0"	1 3/4"	B	SC	HM	3	3/A-5.0	5/A-5.0	3/A-5.0	4
4	3'-0"	7'-0"	1"	D	GLZ	AL	4	by mfr	by mfr	by mfr	
5	3'-0"	7'-0"	1 3/4"	C	SC	HM	2	3/A-5.0	5/A-5.0	3/A-5.0	2
6	3'-0"	7'-0"	1 3/4"	C	SC	HM	2	3/A-5.0	5/A-5.0	3/A-5.0	2
7	3'-0"	7'-0"	1 3/4"	D	SC	HM	3	3/A-5.0	5/A-5.0	3/A-5.0	4
REMARKS: 1. EXISTING DOOR "1" HAS TACTILE EXIT SIGNAGE PER 2013 CBC SECTION 1011.3, "EXIT" 2. PROVIDE SIGNAGE INDICATING ACCESSIBLE RESTROOMS - SEE DETAIL 5/A-6.1 3. PROVIDE EXIT SIGNAGE PER 2013 CBC SECTION 1008.1.9.3, ITEM 2.2 "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." 4. LAMINATE FACED DOOR											
DOOR HARDWARE NOTES											
1. ACCESSIBLE RESTROOM COMPARTMENT DOORS SHALL BE EQUIPPED WITH LOOP OR "U" SHAPED HANDLES IMMEDIATELY BELOW LATCH. 2. MAXIMUM DOOR OPENING EFFORTS FOR INTERIOR DOORS IS 5 lbs. 3. ALL DOOR OPENING HARDWARE IS CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR. 4. PROVIDE (1) 1/4" THICK 12" MEN'S AND WOMEN'S GEOMETRIC SIGNS 60" ABOVE FLOOR ON RESTROOM ENTRANCE DOORS AND (2) RAISED LETTER/BRAILLE SIGNS ON LATCH -OUTSIDE OF RESTROOM ENTRANCE DOORS MOUNTED ON THE WALL, 60" ABOVE THE FLOOR, ALLOWING APPROACH TO WITHIN 3". CBC SECTION 1115B.5. 5. EXIT DOORS SHALL HAVE LATCHING HARDWARE THAT IS OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.											
DOOR HARDWARE GROUPS											
GROUP: 1 FUNCTION: ENTRY/ EXIT DOORS: 1 QTY. DESCRIPTION MODEL FIN. MFR. 3 HINGE(PER DOOR) NOTE: DOORS IS EXISTING. 1 RIM CYLINDER DOOR HARDWARE IS SHOWN FOR BLDG. DEPT. ONLY. 1 LEVER HANDLE 1 THRESHOLD 1 BOTTOMSWEEP 1 WEATHERSTRIP 1 ADA SIGNAGE AND "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"											
GROUP: 2 FUNCTION: RESTROOM DOORS: 5,6 QTY. DESCRIPTION MODEL FIN. MFR. 3 HINGE, 1.5 PAIR HAGER BB HINGES US26D SATIN CHROME 1 LEVER HANDLE PRIVACY LOCKSET, SCHLAGE ND40S US26D SATIN CHROME 1 CLOSER 1 STOP, IVES WALL TYPE WS407CCV-US26D 1 KICKPLATE US26D, ON HALL SIDE. 1 ADA RESTROOM SIGNAGE											
GROUP: 3 FUNCTION: VARIES DOORS: 3,7 QTY. DESCRIPTION MODEL FIN. MFR. 1 LEVER HANDLE LATCHSET, SCHLAGE ND10S US 26D SATIN CHROME 1 HINGE 1.5 PAIR HAGER BB HINGES US26D SATIN CHROME 1 CLOSER 1 STOP, IVES WALL TYPE WS407CCV-US26D											
GROUP: 4 FUNCTION: DOORS: 4 QTY. DESCRIPTION MODEL FIN. MFR. 1 SLIDING DOOR HARDWARE SLIDING DOOR COMPANY 1 ADA COMPLIANT HANDLE ASSEMBLY ON HALL SIDE											
GROUP: 5 FUNCTION: DOORS: 2 QTY. DESCRIPTION MODEL FIN. MFR. 3 HINGE(PER DOOR) 1.5 PAIR HAGER BB HINGES US26D SATIN CHROME 1 CYPHER LOCK (WAITING RM SIDE) SCHLAGE CO-100 US 26D SATIN CHROME 1 LEVER HANDLE 1 12"X 34" KICKPLATE ON WAITING ROOM SIDE											

REVISIONS

BY

PLAN CHECK 10/5/16

DH

COMMERCIAL ARCHITECTURE INC.

THEODORE J. BRANDVOLD, ARCHITECT

616 14TH STREET, MODESTO, CA 95354

PH (209) 571-8158 FAX (209) 571-8160

LICENSED ARCHITECT

THEODORE J. BRANDVOLD

C-25449

6-30-17

RENEWAL DATE

STATE OF CALIFORNIA

PROJECT : TENANT IMPROVEMENT

QUEST LABORATORIES

CLIENT : QUEST LABORATORIES

LOCATION : 2531 EAST WHITMORE AVE.

CERES, CA 95307

DRAWN

DWH

CHECKED

TJB

DATE

7/04/16

SCALE

AS SHOWN

JOB NO.

16-129

SHEET

A-8.0

OF SHEETS



STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-01-E  
(Page 1 of 6)

**A. General Information**

Climate Zone: 12  
Conditioned Floor Area : 1,531  
Unconditioned Floor Area : 0

Building Type: ☒ Nonresidential ☐ High-Rise Residential ☐ Hotel/Motel  
☐ Schools ☐ Relocatable Public Schools ☐ Conditioned Spaces ☐ Unconditioned Spaces

Phase of Construction: ☐ New Construction ☐ Addition ☒ Alteration

Method of Compliance: ☐ Complete Building ☒ Area Category ☐ Tailored

Project Address: 2531 East Whitmore Avenue Suite P

**B. Lighting Compliance Documents (select yes for each document included)**

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

YES	NO	FORM	TITLE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTI-01-E	Certificate of Compliance. All Pages required on plans for all submittals.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTI-03-E	Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTI-03-E	Indoor Lighting Power Allowance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-LTI-04-E	Tailored Method Worksheets
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-LTI-05-E	Line Voltage Track Lighting Worksheets

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-01-E  
(Page 4 of 6)

**G. Installed Portable Luminaires in Offices – Exception to Section 140.6(a)**

☐ This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance form.

☐ This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office

☐ Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance shall not be traded between offices having different lighting systems.

Office Portable Luminaire Schedule	Office Installed Portable Luminaire Watts Per Square Foot							Office Location	Field Inspector	
1	2	3	4	5	6	7	8	9	10	
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (G02 x G03)	Smallest foot of this office	Watts per square foot (G04 x G05)	If F ≤ 0.3, enter zero; if G06 > 0.3, (G06-G.3)	G05 x G07	Identify Office area in which these portable luminaires are installed	Pass	Fail
									<input type="checkbox"/>	<input type="checkbox"/>
									<input type="checkbox"/>	<input type="checkbox"/>
									<input type="checkbox"/>	<input type="checkbox"/>
									<input type="checkbox"/>	<input type="checkbox"/>
									<input type="checkbox"/>	<input type="checkbox"/>
									<input type="checkbox"/>	<input type="checkbox"/>
Total installed portable luminaire watts that are greater than 0.3 watts per square foot per office:								Enter sum total of all pages into NRCC-LTI-01-E; Page 1		

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING – LIGHTING CONTROLS  
CEC-NRCC-LTI-02-E (Revised 05/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting - Lighting Controls  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-02-E  
(Page 1 of 3)

The NRCC-LTI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project.

**Mandatory Lighting Control Declaration Statements** (Indicate if the measure applies by checking yes or no below.)

YES	NO	Control Requirements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting shall be controlled by a lighting control a system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).
<input type="checkbox"/>	<input checked="" type="checkbox"/>	One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with §110.9 and §130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 110.9 and Section 130.0. Additionally, an Installation Certificate shall be installed in accordance with Section 130.4(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.1(a)4.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.5 watts per square foot shall meet the multi-level lighting control requirements in accordance with Section 130.1(b).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All installed indoor lighting shall be equipped with controls that meet the applicable Shut-Off control requirements in Section 130.1(c).
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4.(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-off controls, and demand responsive controls.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance May 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-01-E  
(Page 2 of 6)

**C. Summary of Allowed Lighting Power**

Conditioned and Unconditioned space Lighting must not be combined for compliance

Indoor Lighting Power for Conditioned Spaces				Indoor Lighting Power for Unconditioned Spaces			
Installed Lighting NRCC-LTI-01-E, page 4				Installed Lighting NRCC-LTI-02-E, page 2			
1.		Watts			Watts		
		+ 1,344			+ 0		
2.		PORTABLE ONLY FOR OFFICES NRCC-LTI-01-E, page 3					
		- 0					
3.		Minus Lighting Control Credits NRCC-LTI-02-E, page 2			Minus Lighting Control Credits		
		- 0			- 0		
4.		Adjusted Installed Lighting Power (row 1 plus row 2 minus row 3)	= 1,344		Adjusted Installed Lighting Power (row 1 minus row 3)	= 0	
5.		Complies ONLY if Installed ≤ Allowed			Complies ONLY if Installed ≤ Allowed		
6.		Allowed Lighting Power Conditioned NRCC-LTI-03-E, page 1	1,655		Allowed Lighting Power Unconditioned NRCC-LTI-03-E, page 1	0	

**D. Declaration of Required Installation Certificates**

Declare by selecting yes for all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCL-LTI-01-E - Must be submitted for all buildings	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/> Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

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Project Name: Quest Laboratories  
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NRCC-LTI-01-E  
(Page 5 of 6)

A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:  
☒ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

**H. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST**

Luminaire Schedule		Installed Watts		Location		Field Inspector <sup>1</sup>		
A	B	C	D	E	F	G	H	
Name or Item Tag	Complete Luminaire Description (i.e. 3 lamp fluorescent troffer, F3278, one dimmable electronic ballast)	Watts per Luminaire	How wattage was determined	Number Luminaires	Total Installed Watts in this area (H3 x H05)	Primary Function area in which these luminaires are installed	Pass	Fail
			CEC Default from NAB According to §130.0(d)					
A	2X4 Layin Recessed LED	64.0	<input checked="" type="checkbox"/>	1	64	Kitchenette	<input type="checkbox"/>	<input type="checkbox"/>
B	2X4 Layin Recessed LED	64.0	<input checked="" type="checkbox"/>	4	256	Corridor/Restroom/Support	<input type="checkbox"/>	<input type="checkbox"/>
B	2X4 Layin Recessed LED	64.0	<input checked="" type="checkbox"/>	2	128	Commercial, Industrial Storage	<input type="checkbox"/>	<input type="checkbox"/>
B	2X4 Layin Recessed LED	64.0	<input checked="" type="checkbox"/>	7	448	Waiting Area	<input type="checkbox"/>	<input type="checkbox"/>
B	2X4 Layin Recessed LED	64.0	<input checked="" type="checkbox"/>	7	448	Laboratory, Scientific	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
INSTALLED WATTS PAGE TOTAL:					1,344	Enter sum total of all pages into NRCC-LTI-01-E; Page 2		

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING – LIGHTING CONTROLS  
CEC-NRCC-LTI-02-E (Revised 05/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting - Lighting Controls  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-02-E  
(Page 2 of 3)

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:  
☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

**MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST**

Lighting Control Schedule										PAF Credit Calculation <sup>1</sup>				✓ if Acceptance Test Required	Field Inspector
Standards Complying With <sup>1</sup> (✓ all that apply, or enter "E" if Exempted)										Control Credit (K x L)	M	N	O		
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Location in Building	Type/Description of Lighting Control (i.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc...)	# of Units	\$130.1(a)	\$130.1(c)	\$130.1(d)	\$130.1(e)	\$140.6(a)2	\$140.6(d)						Pass	Fail
Waiting Area	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Receptionist	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Draw Room	Manual Area	5	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Processing	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Utility	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Break	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Control Credit PAGE TOTAL (Sum of Column M):										0					
IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column M):										0					
										Enter Control Credit total into NRCC-LTI-01-E; Page 1.					
1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) = Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls. 2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate is also required to be filled out, signed, and submitted.															

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance May 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-01-E  
(Page 3 of 6)

**E. Declaration of Required Certificates of Acceptance**

Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/> Field Inspector
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/> Field Inspector

A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:  
☐ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

**F. Indoor Lighting Schedule and Field Inspection Energy Checklist**

☐ The actual indoor lighting power listed on this page and on the next page includes all installed permanent and planned portable lighting systems.

☐ When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.

☐ When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines

☐ Also include track lighting in schedule, and submit the track lighting compliance form (NRCC-LTI-05-E) when line-voltage track lighting is installed.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING  
CEC-NRCC-LTI-01-E (Revised 08/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016

NRCC-LTI-01-E  
(Page 6 of 6)

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Mario Bertacco	Documentation Author Signature:
Company: NRG Compliance, LLC	Signature Date: 8/24/2016
Address: P.O. Box 3777	CEA Certification Identification (if applicable):
City/State/Zip: Santa Rosa, CA 95402	Phone: 707-237-6957

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Stacey Welnitz	Responsible Designer Signature:
Company: Commercial Architecture Inc	Date Signed:
Address: 616 14th Street	License:
City/State/Zip: Modesto, CA 95354	Phone: (209) 571-8158

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance August 2015

STATE OF CALIFORNIA  
INDOOR LIGHTING – LIGHTING CONTROLS  
CEC-NRCC-LTI-02-E (Revised 05/15)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE  
Indoor Lighting - Lighting Controls  
Project Name: Quest Laboratories  
Date Prepared: 8/24/2016


NRCC-LTI-02-E  
(Page 2 of 3)

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:  
☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

**MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST**


Lighting Control Schedule										PAF Credit Calculation <sup>1</sup>				✓ if Acceptance Test Required	Field Inspector
Standards Complying With <sup>1</sup> (✓ all that apply, or enter "E" if Exempted)										Control Credit (K x L)	M	N	O		
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Location in Building	Type/Description of Lighting Control (i.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc...)	# of Units	\$130.1(a)	\$130.0(b)	\$130.1(c)	\$130.1(d)	\$130.1(e)	\$140.6(a)2						Pass	Fail
Hall	Manual Area	1	<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hall	Occupancy Sensor	1			<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input type="checkbox"/>
draw rooms	Occupancy Sensor	6			<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input type="checkbox"/>
processing	Occupancy Sensor	1			<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input type="checkbox"/>
														<input type="checkbox"/>	<input type="checkbox"/>
														<input type="checkbox"/>	<input type="checkbox"/>
Control Credit PAGE TOTAL (Sum of Column M):										0					
IF MULTIPLE PAGES ARE USED, ENTER SUM TOTAL OF Control Credit for all pages HERE (Sum of all Column M):										0					
										Enter Control Credit total into NRCC-LTI-01-E; Page 1.					
1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) = Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls. 2. Check Table 140.6-A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a															



STATE OF CALIFORNIA <b>INDOOR LIGHTING – LIGHTING CONTROLS</b> CED-NRCOC-LTI-02-E (Revised 05/15)		 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE		NRC-LTI-02-E
Indoor Lighting - Lighting Controls		(Page 3 of 3)
Project Name: Quest Laboratories	Date Prepared: 8/24/2016	

<b>DECLARATION AUTHOR'S DECLARATION STATEMENT</b>	
<b>1. I certify that this Certificate of Compliance documentation is accurate and complete.</b>	
Documentation Author Name: <b>Mario Bertacco</b>	Documentation Author Signature: 
Company: <b>NRG Compliance, LLC</b>	Signature Date: <b>8/24/2016</b>
Address: <b>P.O. Box 3777</b>	CEI Certification Identification (if applicable):
City/State/Zip: <b>Santa Rosa, CA 95402</b>	Phone: <b>707-237-6957</b>
<b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b>	
I certify the following under penalty of perjury, under the laws of the State of California:	
<b>1. The information provided on this Certificate of Compliance is true and correct.</b>	
<b>2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).</b>	
<b>3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.</b>	
<b>4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.</b>	
<b>5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.</b>	
Responsible Designer Name: <b>Stacey Welnitz</b>	Responsible Designer Signature:
Company: <b>Commercial Architecture Inc</b>	Date Signed:
Address: <b>616 14th Street</b>	License:
City/State/Zip: <b>Modesto, CA 95354</b>	Phone: <b>(209) 571-8158</b>

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance May 2015

STATE OF CALIFORNIA <b>INDOOR LIGHTING POWER ALLOWANCE</b> CEC-NRCC-LTI-03-E (Revised 05-15)		CALIFORNIA ENERGY COMMISSION 	
<b>CERTIFICATE OF COMPLIANCE</b>		<b>NRCC-LTI-03-E</b>	
Certificate of Compliance - Indoor Lighting Power Allowance		(Page 3 of 4)	
Project Name: Quest Laboratories		Date Prepared: 8/24/2016	


A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:

☒ **CONDITIONED** spaces                      ☐ **UNCONDITIONED** spaces

[illegible]

1. Use linear feet only for additional allowance for white board or chalk board. All other additional Area Category allowances shall use watts per square foot.
2. Additional watts are available only when allowed according to the footnotes on bottom of Table 146-C, which include: Specialized task work; Ornamental lighting; Precision commercial and industrial work; Per linear foot of white board or chalk board; Accent, display and feature lighting; and Videoconferencing Studio lighting..
3. Luminaire classification and wattage shall be determined in accordance with §130.0(c) of the Standards.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

STATE OF CALIFORNIA <b>INDOOR LIGHTING POWER ALLOWANCE</b> CEC-NRCC-LTI-03-E (Revised 05/15)		CALIFORNIA ENERGY COMMISSION 	
<b>CERTIFICATE OF COMPLIANCE</b>		<b>NRCC-LTI-03-E</b>	
Certificate of Compliance - Indoor Lighting Power Allowance		(Page 1 of 4)	
Project Name: Quest Laboratories	Date Prepared: 8/24/2016		

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:


☒ **CONDITIONED** spaces                      ☐ **UNCONDITIONED** spaces


A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES		
<input type="checkbox"/> If using Complete Building Method for compliance, use only the total in column (a) as total allowed building watts. <input type="checkbox"/> If using Area Category Method, Tailored Method, or a combination of Area Category and Tailored Method for compliance, use only the total in column (b) as the total allowed building watts		
	(a)	(b)
1. Complete Building Method Allowed Watts. Documented in section B of NRCC-LT-03-E (below on this page)		
2. Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LT-03-E (below on this page)		1,655
3. Tailored Method Allowed Watts. Documented in section A of NRCC-LT-04-E		0
<b>TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LT-01, Page 2, Row 1</b>		<b>1,655</b>
<input type="checkbox"/> Check here if building contains both conditioned and unconditioned areas.		

B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE				
1	2		3	4
TYPE OF BUILDING (From §140.6 Table 140.6-8)	WATTS PER (ft <sup>2</sup> )	X	COMPLETE BLDG. AREA	= ALLOWED WATTS
	Total Area:			
Total Watts. Enter Total Watts into section A, row 1 (Above on this page)				

C-1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (D plus E)	Watts
Total from section C-2	1,655
Total from section C-3	0
Total Watts. Enter Total Watts into section A, row 2 (Above on this page)	1,655


CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

STATE OF CALIFORNIA <b>INDOOR LIGHTING POWER ALLOWANCE</b> CEC-NRCC-LTI-03-E (Revised 09-15)		CALIFORNIA ENERGY COMMISSION 	
CERTIFICATE OF COMPLIANCE		NRCC-LTI-03-E	
Certificate of Compliance - Indoor Lighting Power Allowance		(Page 4 of 4)	
Project Name: Quest Laboratories		Date Prepared: 8/24/2016	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature: 

Company:	NRC Compliance, LLC	Signature Date:	8/24/2016
Address:	P.O. Box 3777	CEA Certification Identification (if applicable):	
City/State/Zip:	Santa Rosa, CA 95402	Phone:	707-237-6957
<b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b>			
I certify the following under penalty of perjury, under the laws of the State of California:			
1. The information provided on this Certificate of Compliance is true and correct.			
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).			
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of the Title 24, Part 1 and Part 6 of the California Code of Regulations.			
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.			
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Responsible Designer Name:	Stacey Wellnitz	Responsible Designer Signature:	
Company:	Commercial Architecture Inc	Date Signed:	
Address:	616 14th Street	License:	
City/State/Zip:	Modesto, CA 95354	Phone:	(209) 571-8158

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

STATE OF CALIFORNIA <b>INDOOR LIGHTING POWER ALLOWANCE</b> CEC-NRCC-LTI-03-E (Revised 05/15)		CALIFORNIA ENERGY COMMISSION	
<b>CERTIFICATE OF COMPLIANCE</b>		<b>NRCC-LTI-03-E</b>	
<b>Certificate of Compliance - Indoor Lighting Power Allowance</b>		<b>(Page 2 of 4)</b>	
<b>Project Name:</b> Quest Laboratories	<b>Date Prepared:</b> 8/24/2016		

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:

☒ CONDITIONED spaces      ☐ UNCONDITIONED spaces

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CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

REVISIONS	BY

**COMMERCIAL ARCHITECTURE INC.**

THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160

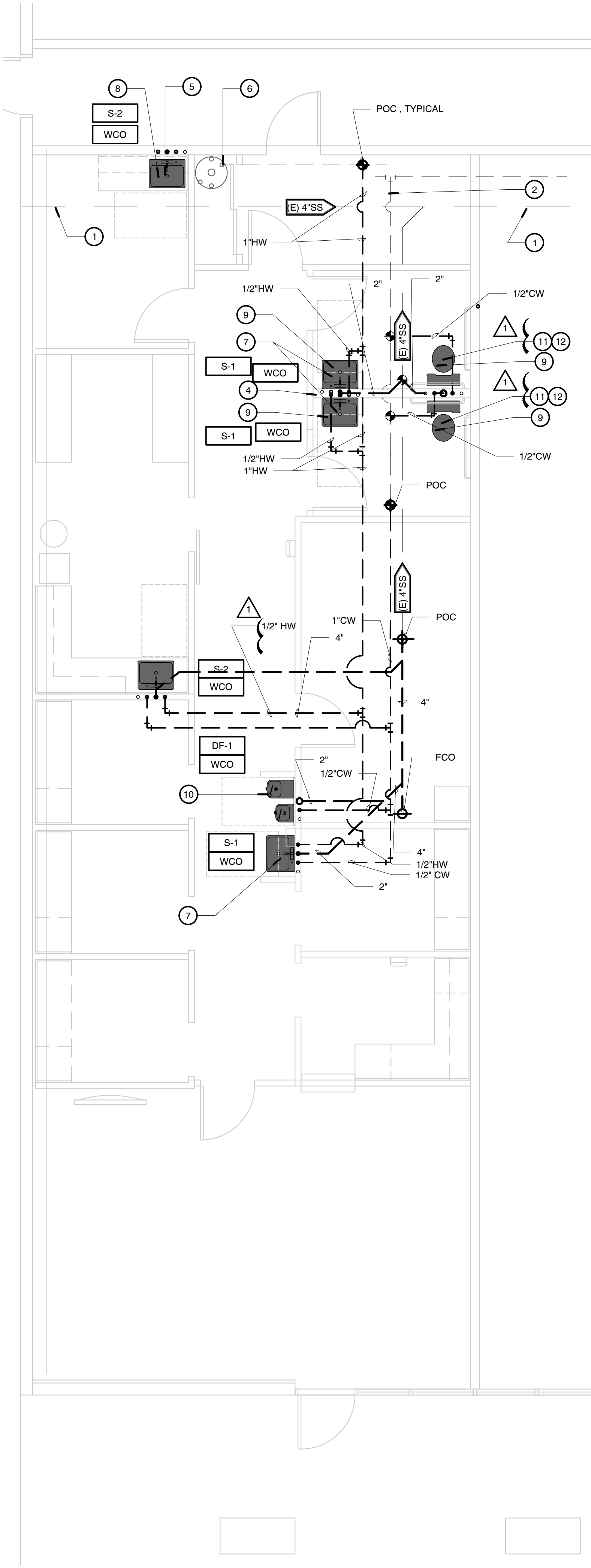
PROJECT: TENANT IMPROVEMENT  
QUEST LABORATORIES

CLIENT: QUEST LABORATORIES

LOCATION: 2531 EAST WHITMORE AVE.  
CERES, CA 95307

DRAWN DWH
CHECKED TJB
DATE 7/04/16
SCALE AS SHOWN
JOB NO. 16-129
SHEET
<b>T24.2</b>
OF SHEETS





PLUMBING NOTES

1. FOR FIXTURE CONNECTION SIZES TO THE VARIOUS FIXTURES, REFER TO THE FIXTURE CONNECTION SCHEDULE.
2. PLUMBING CONTRACTOR TO SET WATER HEATER TEMPERATURE TO 110 DEGREES FAHRENHEIT MAXIMUM PER CEC SECTION 113(b) 3(B).
3. SLOPE ALL SANITARY SEWER LINES WITHIN BLDG. AT 1/4" PER FT.
4. ALL WATER PIPING SHALL BE COPPER AND INSULATED WITH FIBERGLASS JACKET TYPE INSULATION.
5. INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE MADE AVAILABLE TO THE BUILDING INSPECTOR AT THE TIME OF INSPECTION PER CMC 304.0.
6. SEISMIC SUPPORT AND BRACING FOR ALL DUCTWORK AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH CBC CHAPTER 16 STANDARDS FOR SUPPORT AND ANCHORAGE METHODS AND MATERIALS PUBLISHED BY SMACNA AND APPROVED BY THE STATE AGENCIES MAY BE USED
7. PROVIDE CLEANOUTS FOR ALL SINKS PER CPC SECTION 707.4 EXCEPTION 1.
8. HOT WATER TO MOP BASIN SHALL BE A MINIMUM OF 120 DEGREES FAHRENHEIT.
9. MOP SINK SHALL HAVE AN ANTI-SIPHON DEVICE.
10. FLOOR SINK TOP TO BE FLUSH WITH THE FLOOR AND EASILY ACCESSIBLE FOR CLEANING.

KEYNOTES

1. EXISTING 4" SEWER LINE, VERIFY EXACT LOCATION. SAWCUT AND REMOVE EXISTING FOR NEW POINT OF CONNECTION. REPLACE EXISTING CONC. SLAB IN KIND.
2. EXISTING 1" COLD WATER LINE.
3. COLD WATER LINE SIZE AS INDICATED, TYPICAL.  
HOT WATER LINE, SIZE AS INDICATED, TYPICAL.
4. RELOCATE (E) VTR, CW, HW AS REQUIRED TO NEW LOCATION AS SHOWN AT SINKS.
5. INSTALL NEW SINK AT COUNTER WHERE PREVIOUS SINK HAS BEEN REMOVED. REUSE EXISTING VTR, CW AND HW.
6. EXISTING HOT WATER HEATER TO REMAIN.
7. NEW WALL MOUNTED SINK WITH WALL CLEANOUT (WCO).
8. REMOVE EXISTING SINKS AND INSTALL NEW AS SHOWN AFTER NEW CABINETS ARE INSTALLED.
9. REMOVE EXISTING LAVATORIES AND WATER CLOSETS AT EXISTING RESTROOMS AND REINSTALL AFTER NEW FINISHES ARE INSTALLED.
10. ACCESSIBLE HILO DRINKING FOUNTAIN.
11. REMOVE AND REINSTALL EXISTING WATER CLOSETS TO NEW LOCATION.
12. DRAIN LINE FROM WATER CLOSETS TO EXISTING 4" WASTE LINE SHALL BE A MINIMUM OF 3" DIAMETER PER CPC TABLE 703.2

PLUMBING SYMBOL LEGEND

PLUMBING PIPING

COLD WATER LINE	
HOT WATER LINE	
SANITARY SEWER WASTE LINE	
GREASE WASTE LINE	
HORIZONTAL VENT	
STORM DRAIN	
CONDENSATE DRAIN	
NATURAL GAS LINE	

PLUMBING SYMBOLS

HOSE BIBB	
GATE VALVE	
SHUT-OFF VAVLE	
BALANCING VALVE	
GAS COCK	
GLOBE VALVE	
DIRECTION OF FLOW	
CLEANOUT	
POINT OF CONNECTION	
FLOOR DRAIN	
FLOOR SINK	
GAS METER	

PLUMBING ABBREVIATIONS

AP	ACCES PANEL
BFP	BACKFLOW PREVENTION DEVICE
CI	CAST IRON
CL	CENTER LINE
CO	CLEANOUT
DN	DOWN
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
HB	HOSE BIBB
HDR	HEADER
MBH	THOUSANDS OF BTU PER HOUR
NIOPC	NOT IN PLUMBING CONTRACT
P	UNDER PLUMBING CONTRACT
V	VENT
VC	VITRIFIED CLAY
VR	VENT RISER
VTR	VENT THROUGH ROOF
WCO	WALL CLEANOUT
WM	WATER METER
YCO	YARD CLEANOUT

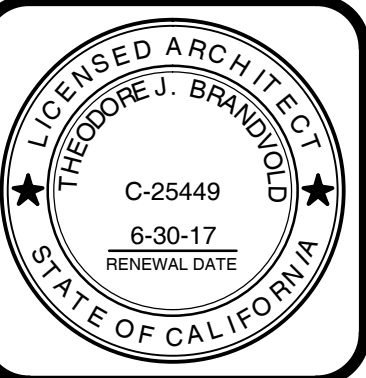
PLUMBING FIXTURE SCHEDULE

#	DESCRIPTION	MANUFACTURER & MODEL	TRIM			CONNECTIONS								REMARKS
						WASTE		VENT	COLD WATER		HOT WATER			
			MAT.	FAUC.	ACC.	BRANCH	OUTLET		BRANCH	OUTLET	BRANCH	OUTLET		
S-1	WALL MOUNTED LAVATORY PORCELAIN ON STEEL	AMERICAN STD. 0355.012 LUCERNE	SS	SEE REMARKS	SEE REMARKS	4	2	1-½	¾	½	¾	½	OVERFLOW; SYMMONS NO. S-6-H, FAUCET, DELTA MODEL 500-DST,ANGLE STOP FITTING ; CHICAGO # 1017 W/ SUPPLY TUBE AND P TRAP. NOTE; PROVIDE ADA COVER WRAP UNDER SINK.	
S-2	COUNTER MOUNTED SINGLE COMPARTMENT 3 HOLE SINK (25Lx21Wx6D)w/ 2 FAUCET HOLE COVERS PART # PFSHSC	PROFLO #PFT2521 SS SELF RIMMING.CENTER HOLE USE FOR FAUCET. PROVIDE PROFLO STRAINER #1431SS AND P-TRAP.	SS	SEE REMARKS	SEE REMARKS	4	2	1 1/2	3/4	1/2	3/4	1/2.	FAUCET; ELKAY LK535 GOOSENECK. SPECIFY HANDLE TO BE OPPOSITE OF EYEWASH HANDLE. EYEWASH AT PROCESSING ROOM ;GUARDIAN G1805 DECK MOUNTED AUTOFLOW. PROVIDE ADA COVER BELOW SINK.	
WCO	WALL CLEANOUT	ZURN 1446	CAST IRON	SEE REMARKS	SEE REMARKS								CAST IRON BODY WITH ABS TAPERED THREAD PLUG, ROUND STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREWS.	
DF-1	HILO DRINKING FOUNTAIN	ELKAY-MODEL EZSTL8C BARRIER FREE WALL MOUNTED ELECT. DRINKING FOUNTAIN WITH SIDE AND FRONT PUSH PADS	CAST IRON			2	2	1 1/2	3/4	3/4			INSTALL PER CBC 11B.602.9 FIGURE C025-B. FOR HILO FOUNTAIN DESIGN.	

REVISIONS	BY
PLAN CHECK 10/5/16	DH

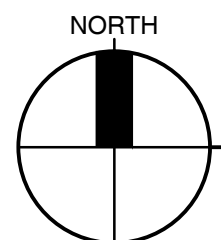
COMMERCIAL ARCHITECTURE INC.

THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160



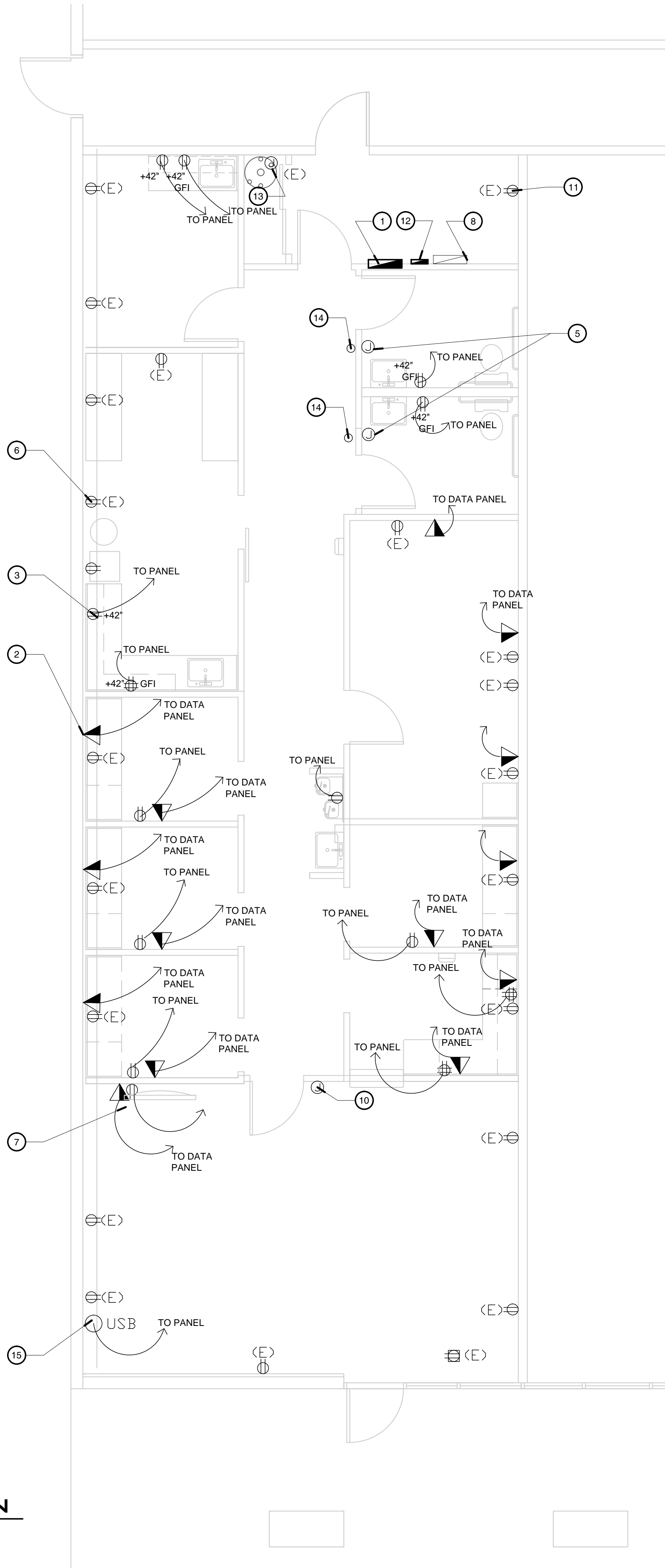
PROJECT : TENANT IMPROVEMENT  
QUEST LABORATORIES  
CLIENT : QUEST LABORATORIES  
LOCATION : 2531 EAST WHITMORE AVE.  
CERES, CA 95307





## ELECTRICAL PLAN

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



#

## KEYNOTES

- EXISTING ELECTRICAL PANEL "A" TO REMAIN, VERIFY EXISTING CIRCUITS AND SPARES FOR NEW.
- DATA OUTLET, VERIFY EXACT LOCATION WITH OWNER, TYPICAL.
- ELECTRICAL OUTLET, VERIFY EXACT LOCATION WITH OWNER, TYPICAL.
- NOT USED.
- PROVIDE JBOX FOR HARDWIRE TO HAND DRYER. VERIFY MOUNTING HEIGHT WITH MFGR. REQUIREMENTS.
- (E) CONVENIENCE OUTLET TO REMAIN, TYPICAL.
- +60 " HEIGHT FOR RECEPTACLE AND MONITOR.
- EXISTING PATCH PANEL , PHONE BOARD TO REMAIN.
- USB CHARGING OUTLET @ +15" A.F.F. MIN.
- JBOX FOR LOW VOLTAGE TO KEYPAD, MOUNT AT +44".
- REMOVE (E) 220V DRYER OUTLET.
- EXISTING TIMECLOCK TO REMAIN
- EXISTING JBOX FOR WATER HEATER
- NEW SOLENOID SHUTOFF VALVE, G.C. TO PROVIDE AND INSTALL SWITCH CONTROL WITH LABEL "ON OFF " @ +48" TYPICAL. COORDINATE WITH PLBG CONTRACTOR, INSTALL ASCO SOLENOID VALVE ( WATER FOR SINK AND TOILET). EXACT LOCATION TO BE VERIFIED IN FIELD. INSTALL SOLENOID IN CEILING AND WIRE TO TYPICAL LIGHT SWITCH IN CORRIDOR OUTSIDE TOILET ROOM.
- USB CHARGING STATION, LEVITON 4.2 AMP DECORA 4 PORT USB CHARGER COMBO OUTLET, UL LISTED, MODEL # R0-USB4P-0BW , MOUNT AT + 30" A.F.F.

## ELECTRICAL NOTES

- PROVIDE ALL EQUIPMENT, MATERIAL, LABOR, SUPERVISION, COSTS, AND SERVICES REQUIRED TO INSTALL COMPLETE AND WORKING SYSTEMS INCLUDING ALL ITEMS AND APPEARANCES NECESSARY, REASONABLY INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY SPECIFIED OR SHOWN
- PROVIDE AND INSTALL ALL LIGHTING FIXTURES IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. VERIFY AND CONFIRM EXACT FIXTURE TYPE, QUANTITY, LOCATION, AND MOUNTING REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION. WHERE A LIGHTING CONTROL SYSTEM IS INDICATED OR SPECIFIED, THE CONTRACTOR SHALL COORDINATE ALL NECESSARY SYSTEM COMPONENTS WITH AN APPROVED LIGHTING CONTROLS VENDOR.
- CONNECT ALL EXIT SIGNAGE AND EMERGENCY EGRESS LIGHTING FIXTURES TO NEAREST 120V. LIGHTING BRANCH CIRCUIT SERVING THE IMMEDIATE AREA. AHEAD OF ANY SWITCHING UNLESS NOTED OTHERWISE.
- WHEN DOUBLE SWITCHING IS SHOWN, ONE SWITCH SHALL CONTROL THE OUTER LAMP(S), AND THE OTHER SWITCH SHALL CONTROL THE INNER LAMP(S), UNLESS NOTED OTHERWISE.
- ROOMS CONTAINING CEILING MOUNTED OCCUPANCY SENSOR(S) AND WALL SWITCH TO BE WIRED SUCH THAT THE WALL SWITCH CONTROLS CIRCUIT TO OCCUPANCY SENSOR/POWER PACK.
- LOWER CASE LETTERS ADJACENT TO LIGHT FIXTURES AND SWITCHES INDICATE SWITCHLEG.
- PROVIDE AND SECURE ALL CONDUIT RACEWAYS PER CEC, NEC, AND LOCAL CODE REQUIREMENTS. ALL FITTINGS, BOXES, SLEEVES, AND PENETRATIONS SHALL BE SEALED AND RATED ACCORDINGLY.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ELECTRICAL WIRING DEVICES.
- ALL METERING AND MAIN DISCONNECT SHALL BE DIRECTLY OUTSIDE ACCESSIBLE IN ACCORDANCE WITH THE LOCAL ELECTRICITY SUPPLIER'S METERING SPECIFICATIONS.
- ELECTRICAL METERING SYSTEMS MUST BE MARKED IN ACCORDANCE WITH THE LOCAL ELECTRICITY SUPPLIER'S METERING SPECIFICATIONS.
- ALL NEW ELECTRICAL METERING PANELS OR EQUIPMENT MUST CONFORM TO ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERC) SPECIFICATIONS. EUSERC APPROVED PANELS ARE AVAILABLE THROUGH ELECTRICAL WHOLESALE DISTRIBUTORS.
- MAINTAIN WORKING CLEARANCES AROUND OR ADJACENT TO SUB PANELS OR SERVICE EQUIPMENT PER 2010 CEC.
- THE CENTER OF THE GRIP OF THE OPERATING HANDLES CONTROLS OR SWITCHES TO BE USED TO CONTROL LIGHTING AND COOLING, HEATING AND VENT EQUIPMENT SHALL BE INSTALLED AT 40" A.F.F.
- THE CENTER OF ELECTRICAL RECEPTACLES SHALL BE INSTALLED NO LESS THAN 15" A.F.F. TO THE BOTTOM OF THE ELECTRICAL BOX PER 2010 CBC 1117.B.6.
- ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK AND ALL RECEPTALS LOCATED IN THE KITCHEN SHALL HAVE G.F.C.I. PROTECTION.
- ALL WIRING SHALL BE IN CONDUIT CONCEALED IN WALLS AND CEILING SPACES. CONDUIT SHALL BE 1/2" MIN., TYPES EMT, ENT, RIGID STEEL, MC OR AC CABLE.
- CONDUCTORS SHALL BE COPPER TYPE THWN #12 UNLESS NOTED OTHERWISE ON DRAWINGS OR REQUIRED BY CODE. SCHEDULE 40 PVC MAY BE USED FOR UNDERGROUND ONLY. SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING OR MAINTENANCE WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN OF POTENTIAL ELECTRIC ARC FLASH HAZARDS PER CEC SECTION 517
- LED FLUORESCENT LUMINARIES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN SUPPLIED FROM MULTIWIRE BRANCH CIRCUITS AND CONTAIN BALLASTS THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH.

## ELECTRICAL SYMBOL LEGEND

### LIGHTING SYMBOLS

	24x48 FLUORESCENT LIGHT FIXTURE
	24x24 FLUORESCENT LIGHT FIXTURE
	12x48 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	WALL BRACKET LIGHT FIXTURE
	EMERGENCY EXIT LIGHT
	EXIT SIGN
	CEILING FAN

### SWITCHING SYMBOLS

ALL SWITCHES @ +48" A.F.F. TO TOP OF BOX  
FLUSH MOUNT U.O.N.

	LIGHT SWITCH - SPST
	LIGHT SWITCH - 2 WAY
	LIGHT SWITCH - 3 WAY
	DIMMER SWITCH

### ELECTRICAL NOTATIONS

	CAPITAL LETTER = FIXTURE TYPE
	LOWERCASE LETTER = SWITCHING
	ELECTRICAL PANEL AND CIRCUIT
	NIGHT LIGHT
	UNLESS OTHERWISE NOTED
	CONDUIT ONLY
	WEATHERPROOF
	GROUND FAULT INTERRUPTER
	PHOTOCELL - MOUNT ON ROOF FACING GENERAL NORTH
	EXISTING
	FUTURE

### CONDUIT

	CONDUIT CONCEALED IN WALL OR CEILING
	CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
	FLEXIBLE CONDUIT FOR LIGHTING ABOVE CEILING

CONDUITS:  
MINIMUM SIZE = 1/2" C  
TICS = NO. OF #12 WIRES  
NO TICS = 2#12 UON

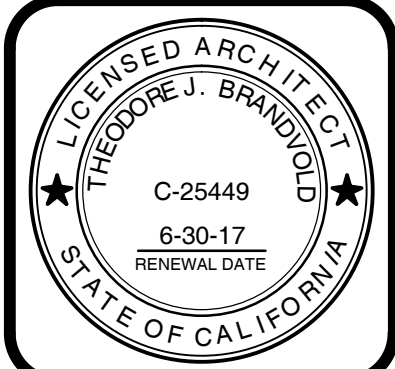
### ELECTRICAL SYMBOLS

	120 VOLT DUPLEX WALL OUTLET +15" TO BOTTOM OF BOX
	120 VOLT DUPLEX CEILING OUTLET
	120 VOLT FOURPLEX OUTLET +15" TO BOTTOM OF BOX
	120 VOLT DUPLEX OUTLET +44" A.F.F. OR +6" ABOVE COUNTERTOP BACKSPLASH
	COMPUTER WALL OUTLET +15" A.F.F. MIN.
	TELEPHONE WALL OUTLET +15" A.F.F. MIN.
	COMBINATION DATA/TELEPHONE OUTLET +15" A.F.F. MIN.
	COMPUTER FLOOR OUTLET WITH CARPET PLATES
	TELEPHONE FLOOR OUTLET WITH CARPET PLATES
	120 VOLT FLOOR OUTLET WITH CARPET PLATES
	JUNCTION BOX
	FUSED DISCONNECT SWITCH
	MANUAL MOTOR STARTER/DISCONNECT
	THERMOSTAT (SEE MECH.)
	TIME CLOCK
	EXHAUST FAN
	MOTOR OUTLET
	DISTRIBUTION PANEL
	LIGHTING PANEL
	SIGNAL CABINET AS DESIGNATED
	MOTION SENSITIVE OCCUPANCY SENSOR, MOUNT IN CEILING SPACE
	LIGHTING SENSOR
	OCCUPANCY SENSOR LIGHT SWITCH

REVISIONS	BY
PLAN CHECK 10/5/16	DH

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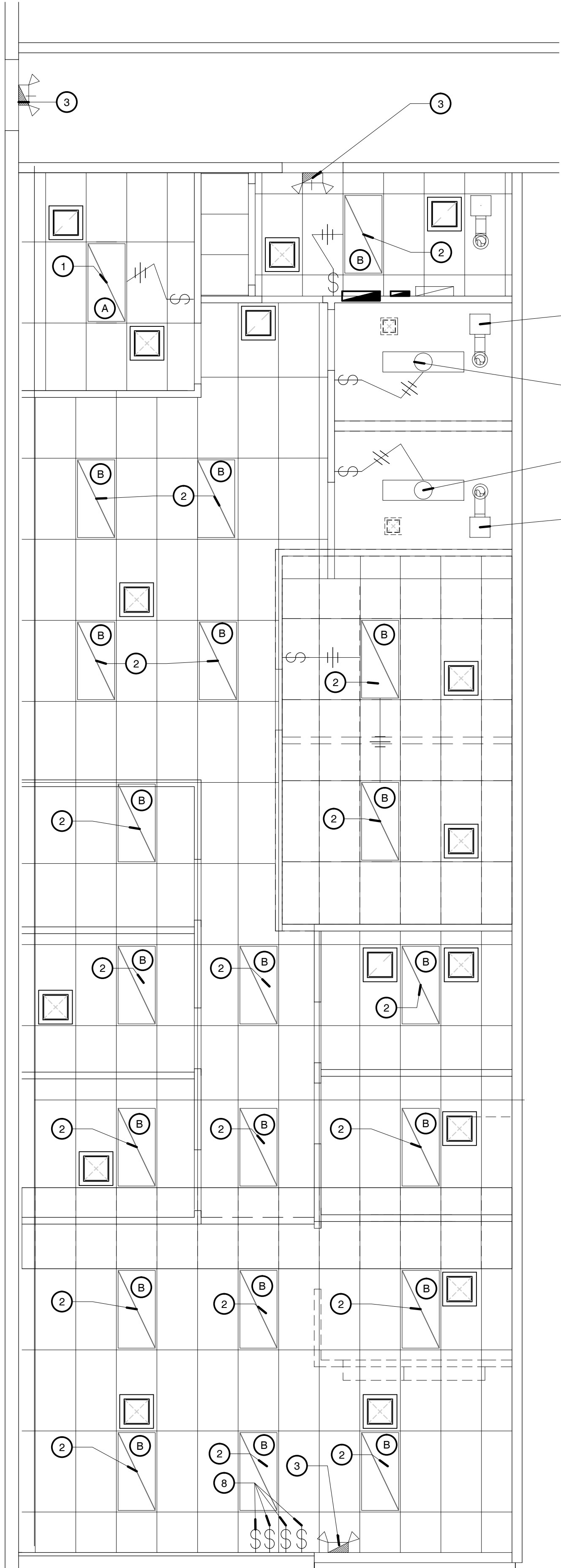
THEODORE J. BRANDVOLD, ARCHITECT  
616 14TH STREET, MODESTO, CA 95354  
PH (209) 571-8158 FAX (209) 571-8160



PROJECT : TENANT IMPROVEMENT  
QUEST LABORATORIES  
CLIENT : QUEST LABORATORIES  
LOCATION : 2531 EAST WHITMORE AVE.  
CERES, CA 95307

DRAWN  
DWH  
CHECKED  
TJB  
DATE  
7/04/16  
SCALE  
AS SHOWN  
JOB NO.  
16-129  
SHEET

E-1.0  
OF SHEETS



NORTH

**LIGHTING PLAN**

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

LIGHTING FIXTURE SCHEDULE						
#	DESCRIPTION	MANUFACTURER & MODEL	LAMPS	WATTS / FIXTURE	QUANTITY	TOTAL WATTS
A	2X4 LAYIN RECESSED LED ELECTRONIC BALLAST	PHILIPS -DAY BRITE HP90 -HL22GLR37L35U	2 32 WATT LED	39.2	1	313.6
B	REMOVE EXISTING 2X4 LAYIN FLUOR. FIXTURES AND REPLACE WITH NEW 2X4 LAYIN RECESSED LED ELECTRONIC BALLAST	PHILLIPS DAY-BRITE HP90-HLS2GLR37L35U	2 32 WATT LED	39.2	20	627.2

- # KEYNOTES
- NEW 2 LAMP LED 2x4 LIGHT FIXTURE, TYPICAL - SEE LIGHTING FIXTURE SCHEDULE
  - REMOVE AND REPLACE EXISTING LIGHT FIXTURE WITH NEW 2 LAMP LED LIGHT FIXTURE, SEE FIXTURE SCHEDULE.
  - EXISTING EMERGENCY EXIT LIGHTING TO REMAIN.
  - EXISTING ELECTRICAL PANEL,, FIELD VERIFY EXISTING CIRCUITS AND SPARES FOR NEW.
  - EXISTING CEILING EXHAUST FAN, INTERLOCK WITH LIGHT SWITCH
  - EXISTING SURFACE MOUNTED LIGHT FIXTURE TO REMAIN.
  - RELOCATE EXISTING SWITCH TO NEW LOCATION AS SHOWN.
  - EXISTING SWITCHES TO REMAIN, SERVING WAITING, DRAW ROOMS, PROCESSING.

LIGHTING NOTES

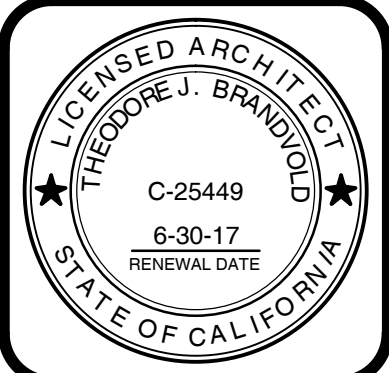
- INDOOR LIGHTING INSTALLATION:
- THE ENTIRE LIGHTING INSTALLATION AND THE PRODUCTS USED SHALL BE IN COMPLIANCE WITH THE CALIFORNIA ENERGY EFFICIENCY STANDARDS.
  - THE FOLLOWING SHALL BE PROVIDED PER PLANS AS A MINIMUM TO ENSURE COMPLIANCE:
    - LIGHTING SHALL BE CONTROLLED BY SELF-CONTAINED LIGHTING CONTROL DEVICES WHICH ARE CERTIFIED TO THE ENERGY COMMISSION ACCORDING TO THE TITLE 20 AOOOKIANCE EFFICIENCY REGULATIONS IN ACCORDANCE WITH SECTION 110.9.
    - LIGHTING SHALL BE CONTROLLED BY A LIGHTING CONTROL SYSTEM OR ENERGY MANAGEMENT CONTROL SYSTEM IN ACCORDANCE WITH 110.9. AN INSTALLATION CERTIFICATE SHALL BE SUBMITTED IN ACCORDANCE WITH SECTION 130.4(B).
    - ALL LIGHTING CONTROLS AND EQUIPMENTS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS IN 110.9 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS IN ACCORDANCE WITH SECTION 130.1.
    - ALL LUMINARIES SHALL BE FUNCTIONALLY CONTROLLED WITH MANUALLY SWITCHED ON AND OFF LIGHTING CONTROLS IN ACCORDANCE WITH SECTION 130.1(A).
    - THE GENERAL LIGHTING OF ANY ENCLOSED AREA 100 SQUARE FEET OR LARGER, WITH A CONNECTED LIGHTING LOAD THAT EXCEEDS 0.5 WATTS PER SQUARE FOOT SHALL MEET MULTI-LEVEL LIGHTING CONTROL REQUIREMENTS IN ACCORDANCE WITH SECTION 130.1 (B)
    - ALL INSTALLED INDOOR LIGHTING SHALL BE EQUIPPED WITH CONTROLS THAT MEET THE APPLICABLE SHUTT-OFF CONTROL REQUIREMENTS IN SECTION 103.1(C)
    - LIGHTING IN ALL DAY LIT ZONES SHALL BE CONTROLLED IN ACCORDANCE WITH THE REQUIREMENTS IN SECTION 130.1(D) AND DAYLIT ZONES ARE SHOWN ON THE PLANS
    - BEFORE AN OCCUPANCY PERMIT IS GRANTED FOR A NEWLY CONSTRUCTED BUILDING OR AREA, OR A NEW LIGHTING SYSTEM SERVING A BUILDING, AREA OR SITE IS OPERATED FOR NORMAL USE, INDOOR LIGHTING CONTROLS SERVING THE BUILDING, AREA, OR SITE SHALL BE CERTIFIED AS MEETING THE ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE IN ACCORDANCE WITH SECTION 130.4(A). THE CONTROLS REQUIRED TO MEET THE ACCEPTANCE REQUIREMENTS INCLUDE AUTOMATIC DAYLIGHT CONTROLS, AUTOMATIC SHUT-OFF CONTROLS, AND DEMAND RESPONSIVE CONTROLS.

SEE DRAWING E-1.0 FOR ELECTRICAL NOTES , AND SYMBOL LEGEND.

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PLAN CHECK	10/5/16	DH

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