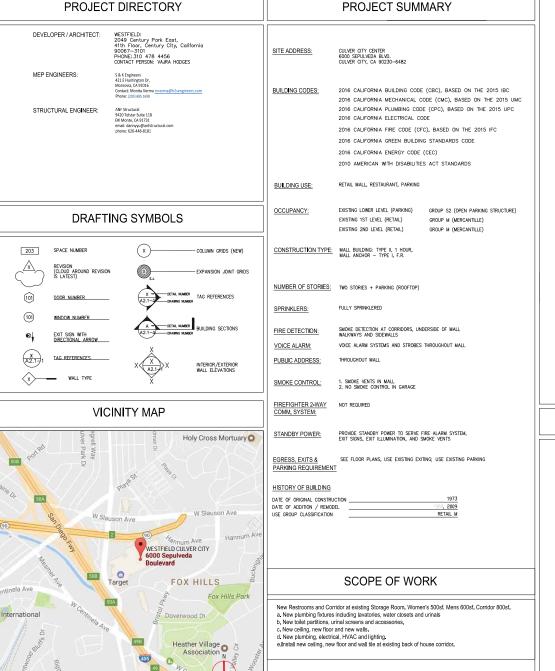
- NEW RESUROM -

6000 Sepulveda Blvd, Culver City, CA 90230



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	Architectur	ral				Electrical				
	A0.0	COVER SHEET		•	•	E0.1	ELECTRICAL COVER SHEET		•	
	A0.1	GENERAL NOTES		•		E0.2	SYMBOL LIST, ABREVIATIONS			
	A0.2	ACCESSIBILITY DETAILS AND NOTED	•			E0.3	SINGLE LINE DIAGRAM AND PANEL SCHEDULES			
	A1.0	SITE PLAN		•		E0.4	INDOOR T-24 CALCULATIONS			
						E0.5	OUTDOOR T-24 CALCULATIONS			
	AD2.1	DEMOLITION PLAN				E2.1	ELECTRICAL DEMOLITION PLAN	•		•
	A2.1	FLOOR PLAN		•		E3.1	RENOVATION LIGHTING PLAN			
	A2.2	PAVING AND WALL FINISH PLAN	•	•	•	E3.2	RENOVATION POWER PLAN	•	•	
	A2.3	RCP		•		E4.1	RENOVATION ROOF PLAN		•	
	A2.4	ROOF PLAN								
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	A3.1	INTERIOR ELEVATIONS				M0.1	MECHANICAL GENERAL NOTES, LEGEND SCHEDULES			
	A3.2	INTERIOR ELEVATIONS			•	M0.2	T24 CALCULATIONS	•		
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	A7.1	PLUMBING FIXTURE SPECS				M2.1	DEMOLITION PLANS	•	•	•
	A7.2	PLUMBING FIXTURE SPECS				M3.1	RENOVATION PLANS			
	A7.3	ACCESSORIES/LIGHTING SPECS		•		M4.1	RENOVATION ROOF PLANS	•	•	
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						Plumbing				
	A8.1	WALL TYPE AND MISC DETAILS			•	P0.1	PLUMBING GENERAL NOTES, LEGEND AND SCHEDULES			
	A8.2	TYP. CEILING AND MISC DETAILS				P0.2	PLUMBING SCHEDULES			
	A8.3	WALL SECTIONS AND MISC DETAILS		•		P0.3	PLUMBING DETAILS AND DIAGRAMS	•		
	1.000					P1.0	PLUMBING FLOOR PLANS			
						P2.0	RENOVATION PLAN ROOF PLAN	•	•	•
						STRUCTURAL				
						S.01	STRUCTURAL DETAILS			



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Approvals/Phase

NEW RESTROOM PROJECT

Key Plan:



eet Title

COVER SHEET

Job No. Date 24 8/14/2017

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GENERAL NOTES

- CONSTRUCTION SHALL COMPLY WITH APPLICABLE LOCAL, STATE AND FEDERAL CODE(S), LAWS, ORDINANCES, RULES, AND REGULATIONS OF PUBL AUTHORITIES GOVERNING THE WORK THE SPECIFICATIONS AND THE DRAWINGS
- ALL DIMENSIONS ARE TO EITHER THE CENTERLINE OR TO THE FACE OF STUDS.
- BETWEEN SUBCONTRACTORS BASED ON ENTIRE SET OF DOCUMENTS. NO EXTRA COMPENSATION WILL BE GIVEN TO A BIDDER OR SUPPLIER WHO HAS BID FROM AND INCOMPLETE SET OF CONSTRUCTION DOCUMENTS. IN CASE OF INCONSISTENCIES OR DISCREPANCIES BETWEEN DRAWING THE MOST STRINGENT NOTE OR CONDITION SHALL APPLY AND THE CONTRACTOR SHALL NOTIFY PROJECT ARCHITECT IMMEDIATELY OF SUCH DISCREPANCIES.
- IT IS THE RESPONSIBILITY OF THE CONSTRUCTION PROJECT MANAGER TO FIELD VERIFY EXISTING SITE CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE CONDITIONS SHOWN ON THESE DOCUMENTS ARE BASED ON INFORMATION SUPPLIED FROM EXISTING BLUE PRINTS.
- THE CONSTRUCTION PROJECT MANAGER IS RESPONSIBLE FOR MAINTAINING A THE CONSTRUCTION PROJECT MANAGER IS RESPONSIBLE FOR MAINTAINING A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE DURING CONSTRUCTION. THE CONTRACTOR SHALL INDICATE ON THESE PLANS ALL APPROVED CHANGES TO THIS WORK. THIS SET SHALL BE TURNED OVER TO PROJECT ARCHITECT WHEN THE
- RORS, DISCREPANCIES OR OMISSIONS APPEAR ON THESE DRAWING SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALI NOTIFY PROJECT ARCHITECT IMMEDIATELY.
- NO MATERIAL SUBSTITUTIONS WILL BE ALLOWED LINLESS SUBMITTED IN WRITING TO PROJECT DESIGNER FOR APPROVAL IN WRITING. NOTIFICATION MUST BE SUBMITTED WITHIN 10 WORKING DAYS OF CONTRACT AWARD.
- THE CONSTRUCTION PM IS RESPONSIBLE FOR COORDINATING ALL SHIPMENTS OF OWNER SUPPLIED MATERIALS. THIS INCLUDES VERIFYING PACKING LISTS AGAINST ORDER FORMS AND BILLS OF LOADING. IF THIS IS NOT DONE. THE CONTRACTOR WILL STRUCTION SCHEDULE. THE CONTRACTOR IS RESPONSIBLE FOR FILING AGE REPORTS AND MUST MAINTAIN PACKING MATERIALS FOR SHIPMENT OF
- THE CONSTRUCTION PROJECT MANAGER SHALL KEEP ALL HANDBOOKS AND PAPERWORK INCLUDING ALL PACKING SLIPS LADING IN A MARKED ENVELOPE. THIS ENVELOPE IS TO BE TURNED OVER TO OWNER
- THE CONSTRUCTION PROJECT MANAGER SHALL DELIVER TO FILE A COPY OF THE CERTIFICATE OF OCCUPANCY, LIEN WAVIER, WARRANTIES, GUARANTEES AND EQUIPMENT OPERATION MANUALS. THE ORIGINAL CERTIFICATE OF OCCUPANCY TO BE FRAMED AND MOUNTED AT MALL MANAGER'S DESK.
- THE CONSTRUCTION PROJECT MANAGER SHALL BE RESPONSIBLE FOR THE CLEAN UP OF ALL TRADES.
- THE DRAWINGS ARE NOT TO BE SCALED.
- THESE DRAWING ARE NOT TO BE ALTERED IN ANY WAY WITHOUT WRITTEN
- COORDINATE CONSTRUCTION TIME AND NOISE REQUIREMENTS WITH MALL
- UPON COMPLETION OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN ALL FINISH SURFACES AS PER MANUFACTURER'S INSTRUCTIONS AND TO EMPLOY THE SERVICES OF A PROFESSIONAL CLEANING IPANY IN ORDER TO ASSURE AN ABSOLUTELY CLEAN SPACE.
- THE CONSTRUCTION PROJECT MANAGER SHALL PROVIDE PROTECTIVE COVERING OF ALL EQUIPMENT, MERCHANDISE, CARPET, AND ETC...
- COORDINATE ALL ACTIVITIES WITH MALL MANAGEMENT PRIOR TO START OF CONSTRUCTION. INTERRUPTION OF SERVICES TO THE BUILDING SHALL NOT BE ALLOWED. IF REQUIRED, COORDINATE SUCH INTERRUPTIONS WITH THE MALL MANAGER. EXISTING SERVICES WHICH ARE IN ANY WAY AFFECTED BY TH PERFORMANCE OF THIS WORK SHALL BE PROTECTED AND MAINTAINED, INCLUDING UTILITY SERVICES FOR THE BUILDING THAT ORIGINATE IN OR THROUGH THE SPACE
- CONSTRUCTION PROJECT MANAGER TO PROVIDE AND COORDINATE INSTALLATION O TEMPORARY BARRICADES AND DUST PROTECTION AS REQUIRED BY BUILDING MALL
- ALL COORDINATION RETWEEN SUR-CONTRACTORS SHALL BE BASED ON ENTIRE SET ALL COORDINATION BETWEEN SUB-CONTRACTORS SHALL BE BASED ON ENTIRE SET OF DOCUMENTS. NO EXTRA COMPENSATION WILL BE GIVEN TO A BIDDER OR SUPPLIES WHO HAS BID FROM AN INCOMPLETE SET OF CONSTRUCTION DOCUMENTS. IN CASE OF INCONSISTENCIES OR DISCREPANCIES BETWIED DRAWING THE MOST STRINGENT NOTE OR CONDITION SHALL APPLY AND THE CONTRACTOR SHALL NOTIFY OWNER/ARCHITET IMMEDIATELY OF SUCH DISCREPANCIES.
- IT IS RESPONSIBILITY OF THE SUB-CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE CONDITIONS SHOWN ON THESE DOCUMENTS ARE BASED ON PREVIOUS DRAWINGS, WHICH NEEDED
- THE SUB-CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE DURING CONSTRUCTION. THE SUB-CONTRACTOR SHALL INDICATE ON THESE PLANS ALL APPROVED CHANGES TO THIS WORK. THIS SET SHALL BE TURNED OVER TO OWNER/ARCHITECT WHEN THE PROJECT IS COMPLETE
- COORDINATE ALL ACTIVITIES WITH MALL MANAGEMENT PRIOR TO START OF CONSTRUCTION, INTERRUPTION OF SERVICES TO THE BUILDING SHALL BE HELD TO MINIMUM, COORDINATE SUCH INTERRUPTION WITH OWNER, EXISTING SERVICES WHICH ARE IN ANY WAY AFFECTED BY THE PERFORMANCE OF THIS WORK SHALL BE ROTECTED AND MAINTAINED, INCLUDING UTILITY SERVICES FOR THE BUILDING THAT ORIGINATE IN OR THROUGH THE SPACE.
- SUB-CONTRACTOR TO PROVIDE AND COORDINATE INSTALLATION OF TEMPORARY BARRICADES AND DUST PROTECTION AS REQUIRED BY CONSTRUCTION PROJECT
- SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL THEIR WORK WITH STRUCTURE AND SHELL BUILDING ELEMENTS. CONTRACTOR SHALL NOTIFY OWNER OF ANY SIGNIFICANT DISCREPANCIES BETWEEN DRAWINGS AND BUILDING
- THE CONSTRUCTION SHALL NOT RESTRICT ACCESS TO A FIVE FOOT CLEAF UNOBSTRUCTED ACCESS TO ANY WATER OF POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS PUMPS, VALVES, METER APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN EEET OF ANY POWER LINES WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS OR ADDITIONAL EXPENSES.

GENERAL REQUIREMENT

- DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING WORL MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT THE JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
- VERIEV LOCATION AND SIZE OF ALL OPENINGS, VERIEV INSERTS AND EMBEDDED
- SHOP DRAWINGS ARE TO BE SUBMITTED TO WESTFIELD, SHOP DRAWINGS ARE TO BE RETURNED TO THE CONTRACTOR WITHIN FIVE (5) WORKING DAYS
- CONSTRUCTION PM IS RESPONSIBLE TO ACQUIRE AS-BUILT DRAWINGS FROM ALL SUBCONTRACTORS UPON COMPLETION OF THE PROJECT AND TO SUBMIT TO PROJECT

DEMOLITION NOTES

- COMPLY WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS
- PROVIDE AND MAINTAIN BARRICADES, LIGHTING, AND GUARDRAILS AS REQUIRED BY OCCUPANTS OF BUILDING AND WORKERS.
- ERECT AND MAINTAIN DUSTPROOF PARTITIONS TO PREVENT. SPREAD OF DUST FUMES, AND SMOKE, ETC. TO OTHER PARTS OF THE BUILDING. ON COMPLETION REMOVE PARTITIONS AND REPAIR DAMAGED SURFACES TO MATCH ADJACENT
- IF DEMOLITION IS PERFORMED IN EXCESS OF THAT REQUIRED, RESTORE EFFECTED AREAS AT NO COST TO THE OWNER.
- REMOVE FROM SITE DAILY AND LEGALLY DISPOSE OF REFUSE, DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS
- REMOVE DESIGNATED PARTITIONS COMPONENTS BUILDING FOUIPMENT AND FIXTURES AS REQUIRED FOR NEW WORK
- REMOVE ABANDONED EQUIPMENTS, UTILITIES, ETC., ASSOCIATED WITH DEMOLITION, INCLUDING BUT NOT LIMITED TO EQUIPMENTS, DUCT WORK, PIPINGS, CONDUITS, CABLINGS, ETC., TO SOURCE, UNLESS OTHERWISE NOTED.
- REMOVE EXISTING FLOOR FINISHES AND PREPARE SUBFLOOR, AS REQUIRED, FOR

POWER AND COMMUNICATION NOTES

- PRIOR TO POURING SLAB, VERIFY AND REVIEW ALL UNDERGROUND CONDUIT LOCATIONS WITH ARCHITECT AND OWNER.
- COORDINATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS WITH SUB-CONTRACTORS AND/OR OWNERS ENGAGED VENDOR:
- VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION. VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL. TELEPHONE AND OTHER
 - EQUIPMENT GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE.
- VERIEV ALL INTERIOR AND SITE LIGHTING CONTROLS WITH BUILDING OWNER, PROVIDE
- MOUNT STANDARD WALL OUTLETS, SWITCHES AND THERMOSTATS AT HEIGHTS REQUIRED BY TITLE 24 AND ADA GUIDELINES, UNLESS OTHERWISE NOTED. WHEN THERMOSTATS AND LIGHT SWITCH OCCUR TOGETHER, INSTALL BOTH ALIGNED
- INDICATED DIMENSIONS ARE TO THE CENTER LINE OF OUTLET OR SWITCH, OR CLUSTER OF OUTLETS OR SWITCHES, UNLESS OTHERWISE NOT
- INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES.
- PROVIDE MATCHING COVER PLATES, RECEPTACLES AND RELATED ITEMS. PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS OTHERWISE NOTED.
- IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A RED. DOT.
- TELEVISION ANTENNA CROSS ARMS OR OTHER ROOF ORSTRUCTIONS SHALL BE

LOCATED 7' MINIMUM ABOVE THE ROOF

FIRE DEPARTMENT NOTES

- PROVIDE A PORTARI E FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RAING OF NOT LESS THAN 2-4-WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR OR AS DESIGNATED IN FIRE DEPT. NOTE #38 BELOW, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR OR DIVIDING PROTECTION OF THE PROPERTY. BUILDING DEPARTMENT INSPECTOR.
- PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIFI D INSPECTOR, CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES.
- PROVIDE EMERGENCY LIGHTING OF ONE FOOT-CANDLE AT FLOOR LEVEL. COMPLY WITH BUILDING CODES.
- MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.
- EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT, SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL NEW DOORS SHALL HAVE APPROVED LEVER
- DOORS OPENING INTO REQUIRED 1-HOUR. FIRE-RESISTIVE CORRIDORS SHALL BE PROTECTED WITH A SMOKE OR DRAFT CONTROLLED ASSEMBLY HAVING A 20-MINUTE RATING AND SHALL BE SELF-CLOSING.

FIRE DEPARTMENT NOTES (CONT'D)

- EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING 50 OR MOR PERSONS AND IN ANY HAZARDOUS AREA
- INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDOR SHALL NOT EXCEED. AN INTERIOR WALL MITE CELLING FINISHES FOR EATH CONKIDUR SHALL NOT EXCEED AN END POINT FLAME SPREAD RATING: A. CLASS I, FLAME SPREAD 0-25, SMOKE DENSIT 150, FOR MATERIALS INSTALLED IN VERTICAL EXITS. B. CLASS II, FLAME SPREAD 26-SMOKE DENSITY 300, FOR MATERIALS INSTALLED IN HORIZONTAL EXITS. C. CLASS I FLAME SPREAD 76-200, SMOKE DENSITY 450, FOR MATERIALS INSTALLED IN ANY OTHE LOCATION.
- DECORATIONS (CURTAINS, DRAPES, SHADES, HANGINGS, ETC.) SHALL BE NON-COMBUSTIBLE OR BE ELAMEPROCEED IN AN APPE
- PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED
- FLAMMABLE GAS AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH UNIFORM FII CODE REGULATIONS. STOPAGE DISPENSING OR LISE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS
- WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE
- EXTEND OR MODIFY EXISTING FIRE/LIFE SAFETY SYSTEM AS REQUIRED TO PROVIDE AN APPROVED FIRE/ LIFE SAFETY SYSTEM, SUBMIT PLANS TO FIRE DEPARTMENT WITH COMPLETE DESCRIPTION OF SEQUENCE OF OPERATION, AND
- LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
- EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL COMPLY WITH ALL APPLICABL CODES & REQUIREMENTS
- EXTEND OR MODIFY EXISTING AUTOMATIC FIRE EXTINGUISHING SYSTEM AS REQUIRED TO PROVIDE AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM. SUBMIT PLANS TO FIRE DEPARTMENT AND OBTAIN APPROVAL PRIOR TO INSTALLATION.
- AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRA PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
- FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED TO WITHIN 150 FEET OF ALL STRUCTURES AND COMBUSTIBLE STORAGE PILES. FIRE APPARATUS ACCESS ROADS SHAL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FEET AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES,
- IMPOSED LOADS OF FIRE APPRAITUS (34 TONS GROW) AND SHALL BE PROVIDED WITH A SURFACE TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES UNLESS PRIOR APPROVAL B OSTAINED FROM THE FIRE DEPENDENT OF THE APPROVAL SHALL WEATHER DRIVING CAPABILITIES UNLESS PRIOR APPROVAL B OSTAINED FROM THE RIPE DEPENDENT OF ANY CONSTRUCTION OR STORAGE OF COMBUSTIBLE WATERDAYS ON SITE.
- FIRE HYDRANTS SHALL BE OPERABLE AND ACCESSIBLE TO FIRE DEPARTMENT APPARATUS BY ROADS MEETING THE REQUIREMENTS OF THE ROSEVILLE FIRE CODE PRIOR TO BRINGIN COMBUSTIBLE MATERIALS ONTO THE PROJECT SITE.
- A MINIMUM CLEARANCE OF 3 FEET SHALL BE PROVIDED BETWEEN TREES, SHRUBS, AND A MINIMUM CLEARANCE OF 3 FEET STALL BE PROVIDED BETWEEN TREES, SHROBS, AND OTHER LANDSCAPE MATERIALS AND ALL FIRE PROTECTION EQUIPMENT (HYDRANTS, FIRE SPRINKLER SYSTEM CONNECTIONS, VALVES), FIRE PROTECTION EQUIPMENT SHALL NOT BE LOCATED BEHIND PARKING STALLS OR OTHER OBSTRUCTIONS TO ACCESS.
- ALL RISER ROOMS SHALL HAVE AN EXTERIOR DOOR FOR FIREFIGHTER PERSONNEL ACCESS IN ACCORDANCE WITH THE FIRE DEPARTMENT'S POLICY AS NOTED IN THE CONDITIONS OF
- BARRICADES SHALL BE PROVIDED TO PROTECT ANY NATURAL GAS METER, FIRE HYDRANT OR OTHER FIRE DEPARTMENT CONTROL DEVICE THAT MAY BE SUBJECT TO VEHICUL DAMAGE. APPROVED SIGNS MAY BE REQUIRED TO IDENTIFY THE LOCATION OF FIRE PROTECTION DEVICES
- THE REQUIRED WIDTH OF FIRE APPARATUS ACCESS ROADS SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING THE PARKING OF VEHICLES, MINIMUM REQUIRED WIDTHS AND VERTICAL CLEARANCES ESTABLISHED BY THE FIRE CODE SHALL BE MAINTAINED AT ALL TIME DURING CONSTRUCTION. CLOSURE OF ACCESSES FOR FIRE APPARATUS BY GATES, BARRICADES & OTHER DEVICES SHALL BE PROHIBITED UNLESS APPROVED BY THE FIRE CHIEF
- THE FIRE ALARWFIRE WARNING SYSTEM SHALL BE CERTIFIED BY UNDERWRITER'S THE FIRE ALL/MAIPTHE WANNING STSTEM STAFEL BE CENTIFIED BY UNDERWITERS

 LEBORATORY (U.) AND SHALL BE MAINTAINED IN ACCORDANCE WITH CITY STAINDARDS & CPI
 CHAPTER 9, 901, PROOF OF CERTIFICATION SHALL BE PROVIDED PRIOR TO APPROVAL OF
 COLUPANCY. ALL TEMANT SPACES SHALL BE PROVIDED WITH AT LEAST ONE (1) APPROVED
 AUDBLE-MISULA WARNING DEVICE CONNECTED TO AN APPROVED FIRE ALARIN PAREL IN
 ACCORDANCE WITH CITY STANDARDS, ADDITIONAL WARNING DEVICES SHALL BE PROVIDED
 WHERE REQUIRED TO ASSIST THE HEARING IMPAIRED, ALL DIGITAL ALARIN COMMUNICATION
 TRANSMITTERS SHALL REPORT DISTINCTURE SIGNALS FROM THE SITE FOR WATER FLOW (BY
 BUILDING), GENERAL FIRE ALARIN, SUPERVISORY, AND SYSTEM TROUBLE CONDITIONS.
- THE BURNING OF COMBUSTIBLE CONSTRUCTION MATERIALS AND TRASH IS PROHIBITED.
- ASPHALT AND TAR KETTLES SHALL NOT BE LOCATED WITHIN 20 FEET OF ANY COMBUSTIBLE ASPARALT AND TARKET ILES SHALL NOT BE LOCATED WITHIN 20 FEET OF ANY COMBOST BLE MATERIAL, COMBUSTIBLE BUILDING SURFACE, OR BUILDING OPENING. AN ATTENDANT SHAL BE WITHIN 100 FEET OF A KETTLE WHEN THE HEAT SOURCE IS OPERATING. A MINIMUM OF C (1) 20B:C PORTABLE FIRE EXTINGUISHER SHALL BE LOCATED WITHIN 30 FEET OF THE KETTLI AND ON THE ROOF DURING ASPHALT COATING OPERATIONS
- DRYWALL AND OTHER TEMPORARY HEATING DEVICES SHALL BE OF AN APPROVED TYPE LOCATED AWAY FROM COMBUSTIBLE MATERIALS, AND ATTENDED AND MAINTAINED AT ALL TIMES. HEATING DEVICES SHALL NOT BE OPERATED AFTER NORMAL WORKING HOURS WITHOUT BEING ATTENDED TO ON AN HOURLY BASIS.
- CUTTING AND WELDING OPERATIONS SHALL CONFORM TO THE HOT WORK PROVISIONS OF CALIFORNIA FIRE CODE AND CITY STANDARD. A FIRE WATCH SHALL BE PROVIDED DURING HOT-WORK ACTIVITIES AND SHALL CONTINUE FOR A MINIMUM OF 30 MINUTES AFTER THE CONCLUSION OF THE WORK
- IF SITE SURVEY OR EARTH MOVING WORK RESULTS IN THE DISCOVERY OF HAZARDOUS MATERIALS IN CONTAINERS, OR WHAT APPEARS TO BE HAZARDOUS WASTES RELEASED IN THE GROUND, THE CONTRACTOR OR APPLICANT SHALL IMMEDIATELY REPORT THE FINDING TO THE ROSEVILLE FIRE DEPARTMENT VIA PHONE. ALL SUSPECTED AREAS SHALL BE MARKED OFF WITH APPROVED SIGNAGE OR CAUTION TAPE UNTIL SUCH TIME THAT A REPRESENTATIVE FROM THE FIRE DEPARTMENT DETERMINES WHETHER THE RELEASE IS REPORTABLE OR NOT AND IF SITE REMEDIATION IS REQUIRED.
- PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN OCCUPANCIES AND LOCATIONS A PURITABLE HITE EA HIGHWIGHTEN STANLE BIRD STALLE HIT OF COUNTRY OF THE PURITABLE HITE CAN COUNTRY OF THE PURITABLE HITE COUNTRY OF THE HITE COUNTRY OF THE HITE CAN SHARE WITHIN EACH TENANT STACE. THE MAXIMUM TRAVEL DISTANCE TO THE FIRE EXTINGUISHER WITHIN EACH TENANT STACE. THE MINIMUM RESPONSITION FOR THE EXTINGUISHER SHALL NOT EXCEED TS-FEET. THE MINIMUM RESPONSITION FOR THE EXTINGUISHER SHALL BOT EXCEED TS-FEET. THE MINIMUM RESPONSITION FOR THE EXTINGUISHER SHALL BOT EXCEED TS-FEET. THE MINIMUM RESPONSITION FOR THE EXTINGUISHER SHALL BE NOT LESS THAN 2-1-108.C. THE MAXIMUM TRAVEL DISTANCE FROM ANY POINT IN A LIGHT HAZARO AREA OF 2A-108C. THE MAXIMUM TRAVEL DISTANCE FROM ANY POINT IN A LIGHT HAZARD AREA OF CLASS A HAZARD SHALL NOT BE MORE THAN 7 FEET FROM A CLASS ZO-108C FIRE EXTINGUISHER AND ONE EXTINGUISHER SHALL BE PROVIDED FOR EACH 3,000 SOUARE FEET. THE MAXIMUM TRAVEL DISTANCE FROM ANY POINT IN AN ORDINARY HAZARD OF CLASS A HAZARDS AREA SHALL NOT BE MORE THAN 75 FEET AND ONE EXTINGUISHER SHALL BE PROVIDED FOR EACH 3,000 SOUARE FEET. THE MAXIMUM TRAVEL DISTANCE TO CLASS BE SETTINGUISHERS IS BITHER 30 FEET OF 0.0 FEET DEPENDING UPON THE SIZE OF THE EXTINGUISHER SHOT OF THE HAZARD. REFER TO UPC STANDARD NO. (1-FOR COMPITEE REQUIREMENTS, ALL PORTABLE FIRE EXTINGUISHERS SHALL HAVE A SERVICE TAG AFFIXED TO THEM SHOWING THAT THE EXTINGUISHER SHALL HAVE A SERVICE TAG AFFIXED TO THEM SHOWING THAT THE EXTINGUISHER SHALL HAVE A SERVICE TAG AFFIXED TO THEM SHOWING THAT THE EXTINGUISHER HAS BEEN SERVICED BY A CALIFORNIA STATE LICENSED FIRE EXTINGUISHER CONCERN. ALL FIRE EXTINGUISHERS SHALL BE STATICHED TO A BRACKET OR WITHIN AN APPROVED CABINET. MAXIMUM DISTANCE FROM THE FLOOR SHALL DISE EXCEDS 54-MCHES. SIGNAGE SHALL BE POSTED ABOVE THE EXTINGUISHER AND SHALL READ FIRE EXTINGUISHER.
- FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH ARTICLE 87 OF THE

- FIRE DEPARTMENT NOTES (CONT'D)
- SPRINKLER PIPING OR LEAK PROTECTION APPARATUS SHALL NOT BE INSTALLED WITHIN THE 6-FOOT VERTICAL ZONE ABOVE THE TOP OF ELECTRICAL SERVICE FOLIPMENT OR PANEL BOARDS PER CALIFORNIA ELECTRICAL CODE ARTICLE 110 26(EV1)(A) ANY SPRINKLER PIPING ABOVE THE 6-FOOT VERTICAL ZONE SHALL HAVE LEAK PROTECTION APPARATUS INSTALLED PER CALIFORNIA ELECTRICA
 - FIRE SUPPRESSION AND CONTROL SYSTEMS SHALL HAVE SEPARATE SUBMITTAL

MISCELLANEOUS NOTES

- ROOF COVERING SHALL BE FIRE RETARDANT.
- GLASS AND GLAZING SHALL CONFORM WITH THE CURRENT LOCAL CODE(S). CHAPTE GLASS AND GLAZING SHALL CONFORM WITH THE CURRENT LOCAL CODE(S), CH 24 AND WITH U.S. CONSUMER PRODUCT SAFETY COMMISSION REQUIREMENTS. GLAZEO OPENINGS LESS THAN 18 INCHES ABOVE ADJACENT FLOOR SHALL BE TEMPERED GLASS APPROVED FOR IMPACT HAZARD.
- LATHING, PLASTERING AND GYPSUM DRYWALL SHALL CONFORM WITH THE CODE. ENTITION, PLASTERING WITHOUT SOME WITHOUT STAFF THE CONFORM WITH THE COURS CHAPTER 2S. O'S PSUIM DRYWALL FASTENERS SHALL BE INSPECTED AND APPROVED BY THE BUILDING DEPARTMENT BEFORE JOINTS ARE TAPED. ALL DRYWALL SHALL BE 518" THICK, TYPE "X" 1 HOUR UNLESS OTHERWISE NOTED.
- TENANT PARTITIONS SHALL BE LOCATED AS PER ARCHITECTURAL PLANS. DEMISING PARTITIONS ARE OF 1-LAYER OF 5/6" GYPSUM DRYWALL (TYPE X) OVER ONE SIDE OF METAL STUDS AT 16" O.C. PROVIDE METAL STUD WALL FRAMING ONLY, READY TO RECEIVE DRYWALL, DRYWALL IS N.I.C. FOR DEMISED PORTION ONLY.
- IN ALL INSTANCES PROVIDE ISOLATION OF ALUMINUM FROM ADJACENT STEEL
- ALL VISIBLE "ARCHITECTURAL" WELDS, SUCH AS AT STAIR RAILS, ETC., SHALL BE GROUND SMOOTH. PROVIDE PLASTER SCREEDS AS DETAILED ON THE DRAWINGS. SEPARATION SCREEDS @ 10°-0", O.C. MAXIMUM AND EXPANSION SCREED 10°-0", O.C. MAXIMUM, AND AS OTHERWISE LOCATED ON DRAWINGS. PROVIDE SHOP DRAWINGS
- PENETRATION OF PLUMBING THROUGH FLOORS SHALL BE SEALED WITH NON-HARDENING SEALANT OR GASKET
- PROVIDE ALL NECESSARY BACKING AND FRAMING FOR WALL-MOUNTED ITEMS, LIGH FIXTURES, INTERIOR AND EXTERIOR MALL SIGNAGE AND ALL OTHER ITEMS
 REQUIRING SAME.
- FIRE AND SMOKE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS. FIRE AND SMOKE DAMPERS OR DOURS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE RATED WALLS OR CEILINGS; SEE MECHANICAL PLANS, FIRE STOPPING SHALL BE PROVIDED AT ALL PENETRATIONS (PIPES, DUCTS, CONDUITS CABLES AND WIRING NOT IN CONDUITS) AS PER ASTM E 814-94
- EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTION, SPRINKLER HEADS AND OTHER PENETRATIONS THROUGH THE CEILING TILE REQUIRE MINIMUM 2-INCH RINGS, SLEEVES OR ADAPTERS THAT WILL ALLOW A MINIMUM 1-INCH CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS, ALTERNATIVELY, A SWING JOINT CAN BE | R PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION TO ACCOMMODATE TH
- FOR SPRINKLERS, PREVENT IRRIGATION ON STRUCTURES.
- "CALGREEN" REQUIREMENTS FOR BUILDING ADDITIONS OR ALTERATIONS, SHALL APPLY ONLY TO THE PORTION THAT IS BEING ALTERED OR ADDED.
- FOR ENTRIES AND OPENINGS, PRIMARY EXTERIOR ENTRIES SHALL BE COVERED TO PREVENT WATER INTRUSION BY USING NON-ABORBENT WALL AND FLOOR FINISHES WITHIN AT LEAST 2 FEET AROUND THE PERPENDICULAR TO SUCH ENTRY. IN
 - ADDITION, ONE OF THE FOLLOWING SHOULD BE COMPLIED WITH:
- AUDITION, ONCE OF INFOCULOWING SHOULD BE COMPILED WITH:

 a. MI AWMING AT LEAST 4 FEET IN DEPTH.

 b. THE DOOR IS PROTECTED BY A ROOF OVERHANG AT LEAST 4 FEET IN DEPTH.

 c. THE DOOR IS RECESSED AT LEAST 4 FEET.

 d. OTHER METHOD WHICH PROVIDE EQUIVALENT PROTECTION.
- ADJUSTICES AND SEALANTS LISED ON THE DRO JECT SHALL MEET THE RECLUREMENT AOPESIVES AND SEALANTS OSED OF THE PROJECT SPALL MEET THE REQUIREMENT OF THE FOLLOWING STANDARDS, (SECTION 5.504.4.1 OF CALL GREEN) ADHESIVES, ADHESIVE BONDING PRIMERS, SEALANT PRIMERS, AND CAULKS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICT RULES WHERE APPLICABLE, OR SCAQMD RULE 1168 VOC LIMITS, AS SHOWI
- IN TABLE 5.504.4.1 AND 5.504.2 OF CAL GREEN (SEC. 5.504.4.1) A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHAT MATERIAL HAS BEEN USED AND ITS COMPLIANCE WITH THE CODE MUST BE SUBMITTED TO THE BUILDING INSPECTOR.
- AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR
- OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507

- ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET AT LEAST ONE OF
- FOR TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS, VERSION 1.1 FEB 2010 (ALSC KNOWN AS CORH STANDARD METHOD V1.1 OR SPECIFICATION 01350).
- NLC CARPET LOSHON INSTALLED IN THE BOILDING IN HEROR STALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM, ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 804.4.1. A LETTER ROM THE INSTALLER CERTIFYING COMPLIANCE MUST BE SUBMITTED TO THE BUILDING INSPECTOR
- COMPLIANT WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE.

ABBREVIATIONS

NOT TO SCALE

ORNAMENTAL

OVERFLOW

OVERHEAD

OPENING(S)

PARTITION

PORTABLE

PLASTER

PLYWOOD

REINFORCE(D)(ING)(MENT

SEE STRUCTURAL DRAWINGS

SIMILAR

STANDARD

STRUCTURAL

SURFACE

TRAFFIC

TREATED

TRANSPARENT

UNDERLAYMENT

VEHICLE

VERIFY IN FIELD

WATER CLOSET

wood Window

WITHOUT

WEIGHT

SUSPENDED

TO BE DETERMINED

TONGUE AND GROOVE

UNLESS NOTED OTHERWISE

STEEL

STAINLESS STEEL

MECH MET MEMB

MEZZ

N

OPNG OPR

PTN PEDTR

PORT

PREFAB PLAM

PLYWD

RDR

RESIS

REINF RESIL

PRTECN

- KITCHEN ACCES ACCESSORY ACOUS ACOUSTIC(AL) ABOVE FINISHED FLOOR LAVATORY ALUMINUM POUND ALTERNATE BRITISH POUND (CURRENCY) ANNIINO ANNUNCIATOR ANODIZED LEVELING APPLIANCE LOUVER ARCH ARCHITECT(URAL AUTOMATIC MAXIMUM AVG AVERAGE MANUFACTURED AND MANUFACTUREF В MECHANICAL BLDG BUILDING MEMBRANE MEZZANINE BLKG BLOCKING MINIMUM MISCELLANEOUS BRDLM BROADI OOM MILLWORK MOISTURE MOTOR/IZED CABINET MOUNTED CARPET
- CEMENT(ITIOUS) CEM NOT IN CONTRACT CEILING COATG COATING COILG COILING CONSTR CONSTRUCTION CONT CONTINUOUS(ATION) CONTRACT(OR)
- CONCRETE MASONRY UNIT CMU D DOUBLE DEPARTMENT DESIGN(ED) DEPT PEDESTRIAN PARTICLE BOARD PANEL POLYSTYRENE DETAIL DRINKING FOUNTAIN PREFINISHED PREFABRICATED DIFFUSER DIMENSION DISPENSER PLASTIC LAMINATI
- PROTECTION DISCONNECT DSCON DWR DRAWER READER F RECESSED ELAST ELASTOMERIC ELECTRICAL EMBEDD(ED)(ING REFER(ENCE) REFLECTED ENGR ENGINEER(ED) ENTRANCE REQUIRED RESIST(ANT)(IVE) EQUIPMENT

FXTR

G

GFRC

GFRG

GFRP

HORIZ

HVAC

INFO

INTLK

INFILTR

- EXISTING RESILIENT EXPANSION JOINT ROOFING EXPS ROUGH OPENING EXT EXTERIOR FABRICATION SCRIBE FLOOR DRAIN SECURITY SQUARE FEET SINGLE SHORING

SURF

UNDRLAY

w

SECUR

- ARKISOUL ADMESIVES, AND SMALLER DINT SIZES OF ADMESIVES, AND SEALANT OR CALLKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN ONE POUND AND DO NOT CONSIST OF MORE THAN 16 FULID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIRÉMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS,
- ARCHITECTURAL PAINTS AND COATING SHALL COMPLY WITH TABLE 5.504.4.2 UNLESS MORE STRINGENT LOCAL LIMITS APPLY (SECTION 5.505.3 OF CAL GREEN)
- AFROSOL PAINTS AND COATINGS. AFROSOL PAINTS AND COATING SHALL MEET THE AEROSOL PAINTS AND OWNINGS. AEROSOL PAINTS AND COATING SPALL MEET ITHE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522 (9)(3) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND 020NE DEPLETING SUBSTANCES (CCR, TITLE 17, SECTION 94520 ET SEQ) (SECTION 5.504.4.3.1 OF CAL GREEN)
- A LETTER FROM THE CONTRACTOR AND OR THE BUILDING OWNER CERTIFYING WHA
- ALL CARPET INSTALLED IN THE BUILDING INTERIORS SHALL MEET AT LEAST ONE OF THE FOLLOWING TESTING AND PRODUCT REQUIREMENTS WHICH ARE LISTED IN SECTION 5.504.4 OF CAL GREEN a. CARPET AND DRU INSTITUTES' GREEN LABEL PLUS PROGRAM. b. COMPLIANT WITH THE VOCEMISSION LIMITS AND TESTING REQUIREMENTS SPECIFIED IN THE CALL-FORMIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD CONTROLLED IN THE CALL-FORMIA DEPARTMENT OF PUBLIC HEALTH STANDARD METHOD
- NSE/ANSI 140 AT GOLD LEVEL OR HIGHER c. NSFAMAS 1404 II QUIL EVEL UN RISHER. d. SCIENTIFIC CERTIFICATION SYSTEMS SUSTAINABLE CHOICE. a. COMPLIANCE WITH THE CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CACHE) CRITERIA THE REPRETATION FOR EQ 2.2 DATED JULY 2012 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE.
- ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE
- RESILIENT FLOORING SYSTEMS 80% OF THE FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET THE FOLLOWING CRITERIA:

 a. CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI)
- SCHOOL (CA-CHPS) CRITERIA INTERPRETATION FOR EQ 2.2 DATED JULY 2012 AND

CULVER CITY

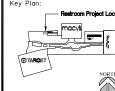
ESTFIELD DESIGN & CONSTRUCT

2049 Century Park East, 41th Floor, Century City, California 90067-3101 310 478 4456 310 478 4468

Consultants H2S ENGINEERS (MEI 421 E Huntington Dr, Monrovia, CA 91016 Contact: Monita Verr C: (203) 685 1698

NEW RESTROOM PROJECT

Key Plan:



No. By Date Revision ∨H 7.14.17 SD C=001. ∨H 8.14.17 CD C−002

FLOOR(ING) FABRIC WALL COVERING

GAUGE GLASS FIBER REINFORCED CONCRETE

FIRE EXTINGUISHER AND CABINE

FIRE HOSE CABINET

FIRE RAT(ING)(ED)

FIREPLACE

FIXTURE

GLASS FIBER REINFORCED GYPSUM GLASS FIBER REINFORCED PLASTER

DOLLAR (US CURRENCY)

GYPSUM HDWD HARDWOOD

SRAD/F)/ING

HORIZONTAL

CONDITIONING INSTRUMENT(ATION) INSULATION INTERLOCK(ING) NTERIOR INFILTRATION

IANITOR

HEATING, VENTILATING, AND AIR

Sheet Title

GENERAL NOTES

Scale

Date

ACCESSIBILITY REQUIREMENTS

EXISTING BUILDINGS

- WHEN A RENOVATION, STRUCTURAL REPAIR, ALTERATION, OR ADDITION TO AN EXISTING BUILDING OCCURS, COMPLIANCE INCLUDES THE FOLLOWING: Sec. 1134B.2
- A. THE AREA OF RENOVATION, STRUCTURAL REPAIR, ALTERATION OR ADDITION MUST FULLY COMPLY. Sec. 1134B.2
- B. A PRIMARY ENTRANCE TO THE BUILDING OR THE FACILITY AND THE PRIMARY PATH OF TRAVEL TO THE SPECIFIC AREA OF ALTERATION STRUCTURAL REPAIR OR ADDITION MUST FULLY COMPLY. Sec. 1134B.2.1
- . SANITARY FACILITIES AND WHEN PROVIDED, DRINKING FOUNTAINS AND PUBLIC TELEPHONES, SERVING THE AREA OF RENOVATION, STRUCTURAL REPAIR, ALTERATION OR ADDITION MUST FULLY COMPLY. Sec. 1134B.2.1
- BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC SANITARY FACILITIES AND/OR ELEVATORS FOR PUBLIC USE THAT CONFORM TO TITLE 24 SHALL HAVE THIS INFORMATION POSTED IN THE BUILDING LOBBY, PREFERABLY AS PART OF THE BUILDING DIRECTORY.

- BUILDING ACCESS
 ENTRANCES

 1 ALL ENTRANCES AND ALL EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDINGS AND FACILITIES SHALL BE ACCESSIBLE TO PERSONS
- TO BUILDINGS AND FAQUITES SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES.

 LEVEL SPACE AT DOORS: 80° IN THE DIRECTION OF THE DOOR SWING, 48° OPPOSITE THE DIRECTION OF THE DOOR SWING. ELVEL SPACE ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND A MIN, OF 24° PAST THE STRIKE EDEC FOR EXTERIOR DOORS AND A MIN, OF 18° PAST THE STRIKE EDEC FOR EXTERIOR DOORS ADDITIONAL 12° IS REQUIRED AT THE PURSH SUBJE, 19° DOOR HAS BOTH LATCH AND CLOSER. WOTH: 2"-8" CLEAR OPENING (3"-0" DOOR).

 NO REVOLVING DOORS ALLOWED FOR ACCESSIBLE DOORS.

 NO REVOLVING DOORS ALLOWED FOR ACCESSIBLE DOORS.

 HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR. See 1004-4, PROTIGUING DOESCETS SHALL NOT REDUCE THE CLEAR WOTH OF AN ACCESSIBLE ROUTE OR MANNEYERING SPACE.

- THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.

FLOORS

1 SLIP-RESISTANT SURFACE.

- $\frac{\text{CORRIDORS}}{\text{1}} \quad \text{WDTH: 3'-8" MINIMUM, 4'-0" AWAY FROM DOOR, 5'-0" WITH}$
- MOTH: 3"-8" MINIMUM, 4"-0" AWAY FROM DOOR, 5"-0" WITH DOOR SWINC. ANJES: 3"-0" MINIMUM. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES OR OTHER CARCULATION SPACES SHALL HAVE 6"-6" MINIMUM CLEAR HEAD ROOM TO AIYY OVERHANDING OBSTRUCTION.

SIGNAGE INDICATING LOCATION OF ACCESSIBLE TOILET FACILTIES.

WHERE THERE ARE REMODELED ACCESSIBLE SANITARY FACILITIES, INDICATE THEIR LOCATION IN THE BUILDING LOBBY, PREFERABLY IN THE BUILDING DIRECTORY.

DOORS

- 1. EVERY DOORWAY WITHIN AN ACCESSIBLE PATH TRAVEL SHALL BE OF A SIZE EVENT DUORWAY MINIMA MACKESSIBLE PAIR INVEX. SPAILE BE OF A SIZE
 TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3' IN WIDTH AND
 NOT LESS THAN 6"-8" IN HEIGHT. WHEN INSTALLED, EXIT DOORS SHALL BE
 CAPABLE OF OPENING SO THAT THE CLEAR WIDTH OF THE EXIT IS NOT LESS 32".
- HINGED DOORS: THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED
- 3. PAIRS OF DOORS: WHERE A PAIR OF DOORS IS UTILIZED AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- 4. ALITOMATIC DOORS: WHEN AN ALITOMATIC DOOR OPERATOR IS LITHLIZED.

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

 CLOSENS: PROVIDE ADJUSTABLE CLOSERS WITH THE FOLLOWING

 MAXIMUM PRESSURE FOR OPENING DOORS. ADJUST CLOSERS AFTER

 INSTALLATION AND TEST DOORS TO ASSURE COMPLIANCE.

 MAXIMUM EFFORT TO OPERATE DOORS:

 EXTERIOR DOORS: 8 DOUNDS

 FREE DOORS: 18 DOUNDS

 FREE DOORS: 18 DOUNDS

- A. GENERAL

 1. DOORWAYS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILLATEAL TRANGLE 1/4" THK. WITH EDGES 12" LONG AND THE VERTEX PONTING UP. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THK. AND 12"
- IN DIAMETER.

 2. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THK., 12" DIAMETER, WITH A 1/4" THK. TRIANGLE SUPERIMPOSED
- ON THE CIRCLE AND WITHIN THE 12" DIAMETER.

 3. SYMBOLS ON SANITARY FACILITY DOORS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" AND SHALL BE A CONTRASTIN COLOR FROM THE DOOR.
- COLOR FROM THE DOOR.

 ADDITIONAL SIGNAME REQUIREMENTS: RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANED BY BRAILLE IN CONFORMANCE WITH SEC. 1175.8.6. THEY SHALL BE INSTALLED ON THE WALL SPACE ON THE LATCH OUTSIDE THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE FLACED ON THE NEAREST ADJACENT WALL PREFERRALY TO THE RIGHT. MOUNTING HEIGHT SHALL BE 60° TO THE CENTERNIA OF THE STORY. CENTERLINE OF THE SIGN. THE SIGNS SHALL BE LOCATED SO THAT A PERSON MAY APPROACH WITHIN 3" WITHOUT ENCOUNTERING PRO-TRUDING OBJECTS OR STANDING IN THE SWING OF A DOOR.
- B. SINGLE ACCOMMODATION SANITARY FACILITIES

 1. THERE SHALL BE IN THE ROOM A CLEAR FLOOR SPACE OF AT LEAST 60" DIAMETER. NO DOOR SHALL ENCROACH INTO THIS
- 2. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PRO-VIDES A MIN. 28" WIDE CLEAR SPACE FROM A FIXTURE OR A MIN. 32" WIDE CLEAR SPACE FROM A WALL AT ONE SIDE. THE OTHER SIDE SHALL PROVIDE 18" FROM THE CENTERLINE OF THE WATER CLOSET TO THE WALL. A MIN. 48" CLEAR SPACE SHALL BE PRO-VIDED IN FRONT OF THE WATER CLOSET.

- C. MULTIPLE ACCOMMODATION SANITARY FACILITIES

 1. A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27*
 BOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT SZE TO INSCINE A 60* DIAMETER CRICLE, OR A CLEAR
 SPACE OF 56" BY 63" IN SIZE, SHALL BE PROVIDED FOR WHELLCHAIR MARKUPERINE, DOORS OTHER THAN THE DOOR TO THE
 ACCESSBEL TOLIC COMPARTMENT IN ANY POSITION MAY ENPERGALTH HINTO THE SEARCE BY NOT LINGET HAM 17" CROACH INTO THIS SPACE BY NOT MORE THAN 12".
- 2. A WATER CLOSET FIXTURE LOCATED IN A COMPARTMENT SHAL A WAITER CLOSETE FIXTURE LOCATED IN A COMPARTMENT SHALL PROVIDE A MAN . 28" CLEAR SPACE FROM A RIXINGE OR A MIN. 32" CLEAR SPACE FROM A WALL AT ONE SIDE OF THE WATER CLOSET. THE OTHER SIDE OF THE WAITER CLOSET OTHER WALTE 10" FROM THE CENTRELING OF THE WAITER CLOSET OTHE WALL GABB BARS SHALL NOT PROJECT MORE THAN 3" INTO THESE CHEAR SPACES.
- CLEAR SPACES.

 3. A MIN. 48" LONG CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS AN END OPENING DOOR AND A MIN. 60" LONG CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS A DOOR AT THE SIDE. GRAB BARS SHALL NOT PROJECT MORE THAN 3" INTO THESE CLEAR SPACES.
- WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR 4. WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATE CLOSING EVECE, AND SHALL HAVE A CLEAR, UNGESTRUCTED OPENING MOTH OF 32" WHEN LOCATED AT THE DOOR THAT HE NO AND 34" WHEN LOCATED AT THE SIDE WITH THE DOOR AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
 5. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OF U-SHAPED HANDLE MIREDIATELY BELOW THE LATCH. THE LATCH SHALL BE FUR-OVER STYLE, SLDINK, OR OTHER HANDWARE NOT REQUIRENT THE USER TO GRASP OR TIMST.
 6. EXCEPT FOR DOOR OPENING WOTHS AND DOOR SWINGS, A CLEAR UNDISTRUCTED ACCESS THAT A SHALL BE PROVIDED.
- UNOBSTRUCTED ACCESS NOT LESS THAN 44" SHALL BE PROVIDED TO THE WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY PERSONS WITH DISABILITIES AND THE SPACE IMMEDIATELY IN FRONT OF A WATER CLOSET SHALL BE NOT LESS THAN 48" AS MEASURED AT A RIGHT ANGLE TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION

- D. SANITARY FACILITY FIXTURES AND ACCESSORIES

 1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MIN.
 OF 17" AND A MAX. OF 19" MEASURED TO THE TOP OF A MAX. 2" HIGH TOILET SEAT.
- A CLEAR FLOOR SPACE OF 30" BY 48" SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDE
- THE LAVATORY.

 LAVATORES ADJACENT TO A WALL SHALL BE MOUNTED WITH A MIN. DISTANCE OF 18" TO THE CENTERLINE OF THE FIXTURE.

 LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE. ON HOHER THAN 3" ABOVE THE RIMSHED FLOOR AND WITH A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MIN. OF 30" IN WIDTH AND 8" MIN. DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MIN. OF 9" HIGH FROM THE FLOOR AND A MIN. OF 17" DEER FROM THE FRONT OF THE LAVATORY.
- FROM THE FRONT OF THE LAVATORY.

 TO WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP
 OR ABRASUR'S EMPLACES UNDER LAVATORIES.

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

- . WHERE ONE OR MORE URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MIN. OF 14" FROM THE WALL AND A MAX. OF 17" ABOVE THE FLOOR SHALL BE PROVIDED.
- 8. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS.
- WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS. SHALL BE OPERABLE AND OPERATING MICHANISM CONTROLS, SHALL BE OPERABLE
 WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PRICHING,
 OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NOT MORE
 THAN 44" ABOVE THE FLOOR.

 10. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL
 FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM
 CONTROLS, SHALL BE NO GREATER THAN 5 Bib.

 11. SELF-CLOSING FAUCET CONTROLS ARE ALLOWED IF THE FAUCET
 REMANS OPEN FOR AT LEAST TO SECONDS.

 12. WHERE TOWELS, SANTARY MAPKINS, WASTE RECEPTACLES, AND
 OTHER SANTARY MAPKINS, WASTE RECEPTACLES, AND

- OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PRO VIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM THE FINISHED FLOOR.
- 13. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19" FROM THE FLOOR. DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW
- DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.

 TOLET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, AND NONBESORBERT SUPACE SUCH AS PORTLAND CEMENT, CONCRETE,
 CERAMIC TILE OR OTHER APPROVED MATERIAL WHICH EXTENDS
 UPWARD ONTO THE WALLS AT LEAST 5.* WALLS WITHIN WATER
 CLOSET COMPARTMENTS AND WALLS WITHIN 24" OF THE FRONT
 MAN DEDUCE OF BURNIES SHALL BE SHALL BY THE PROVINCE OF THE PRONT
 MAN DESCRIPTION OF BURNIES SHALL BE SHALL BY SHALL BY THE PROVINCE OF THE PRONT
 SHALL BY THE SHALL BY SHALL BY THE SHALL BY THE PROVINCE OF THE PRONT
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 SHALL BY THE SHALL BY THE SHALL BY THE PROVINCE OF THE PRONT
 SHALL BY THE SHALL BY THE SHALL BY THE PROVINCE OF THE PRONT
 SHALL BY THE AND SIDES OF URINALS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48" AND, EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE.
- 15. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40" FROM THE FLOOR. E. GRAB BARS
- GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE
- AND THE BACK OF THE ACCESSIBLE TOILET COMPARTMENT.

 2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42" LONG WITH THE FRONT END POSITIONED 24" IN FRONT OF THE WATER CLOSET AND WITH THE BACK END NO MORE THAN 12" FROM THE REAR WALL GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG
- GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 35" LONG.
 3 GRAB BARS SHALL BE SECURELY ATTACHED 33" ABOVE AND
 PARALLEL TO THE FLOOR, EXCEPT INHERE A TANK—THE TOILET IS
 USED WHICH OBSTRUCTS PLACEMENT AT 33", THE GRAB BARS MAY
 BE AS HIGH AS 35".
 4. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB
 BAR SHALL BE 1—1/4" TO 1—1/2" OR THE SHAPE SHALL PROVIDE AN
 EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED
 ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE
 GRAB RABS SHALL BE 1—1/2". GRAB BARS SHALL BE 1-1/2".
- GRAB BARS SHALL BE 1-1/2".

 5. THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS: Sec. 1158.8.3.2 THE MAX. AS STRENGT OF THE AS S
- D. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 ID POINT LOAD, FLUX THE MAX. MOMENT FROM THE APPLICATION OF A 250 ID FOINT LOAD SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE. Sec. 11198.8.3.
- E. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS Section 8.3.5
- 6. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS, EDGES SHALL HAVE A MIN. RADIUS OF 1/8 INCH. Sec. 1115B.8.4

ELECTRICAL

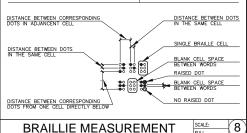
- THE CENTER OF JUNCTION BOXES FOR RECEPTACLE OUTLETS SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND REACH RANGE REQUIREMENTS OF SECTION 1118B, Sec. 11178.6.3 & 210-7(g.1)
- INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND FRACH RANGE REQUIREMENTS OF SECTION 11186, Soc. 11776.6.3 & 210–7(g.1) THE CENTER OF THE ORIP OF THE OPERATING HANDLE OF CONTRICOS AND CONTROL LIGHTING AND RECEPTRACE FOUNDETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT SHALL MEET THE REQUIREMENTS OF 18C, SPACE ALLOWANCE AND REACH RANGES, FOR PERSONS WITH DISABILITIES. Sec. 350–8(c.1) THE CENTER OF FIRE ALARM INTIATING DEVICES(BOXES) SHALL BE LOCATED 48 INCH. ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE, OR SIDEMALS, Sec. 750–9

 SURFACE, OR SIDEMALS, Sec. 750–9

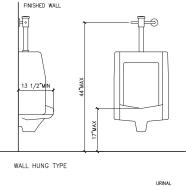
 HINTOLES COPE OF THESE REGULATIONS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORMIA ELECTRICAL CODE. Sec. 7201

 HIGHER MAXBUM 4"-0", MINMUM 3"-0".

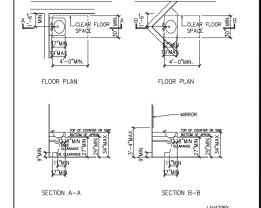
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 (1.5MM) TO 0.063 (1.6MM)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	0.100 (2.5 MM)
DISTANCE BETWEEN CORRESPONDING DOTS IN THE ADJACENT CELLS	0.300 (7.6 MM)
DOT HEIGHT	0.025 (0.6MM) TO 0.037 (0.9MM)
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 (10MM) TO 0.400 (10.2MM)



13 1/2"M SCALE: 4 URINAL CLEARANCES

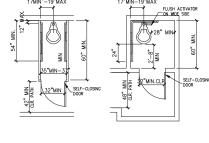


CORNER LOCATION



TYPICAL LOCATION





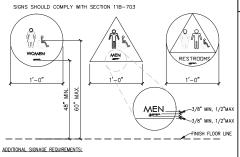
SIDE TRANSFER TOILET RM. PLAN

ON DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, AN EQUILATERAL TRIANGLE 1/4 INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD AND ON WOMEN'S SANITARY FACILITIES, A CIRCLE 1/4 INCH THICK AND 12 INCHES IN DIAMETER. FRONT TRANSFER THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60 INCHES MAX. (48 INCHES MIN.) AND THEIR COLOR AND CONTRASHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOF

ON A DOORWAY LEADING TO A UNISEX SANITARY FACILITY. THE UNISEX SIGN, AS SHOWN BELOW, SHALL BE INSTALLED ON THE DOOR AT HEIGHT OF 60 INCHES MAX (48 INCHES MIN.) AND THE COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.

IDENTIFICATION SYMBOLS:

ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE IDENTIFICATION SYMBOLS



RESTROOM SIGNS

ARIUMAL SIGNAGE REQUIREMENTS:

RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 11B703.3. THEY SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH BUY, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE INTERPRETABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 6D INCHES ABOVE THE FINISH FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

E: CONTRACTED GRAD 2 BRAILLE. DOTS TO BE 0.1 INCH ON CENTER IN EACH 0.2 INCH SPACE BETWEEN CELLS.
DOTS RAISED MINIMUM 0,025 INCH ABOVE BACKGROUND.

EXISTING FACILITATION 12"MAX.36" MIN. 17"MIN-19"MAX FLUSH ACTIVATOR ON WIDE SIDE ON WIDE SIDE 28" MIN M 18" ____ 18" 32" MIN. CLR/CLEAR FLOOR AT WATER CL 60" MIN SELF-CLOSING SINGLE OCCUPANCY MULTIPLE TOILET TOILET 42" MIN.12"MAX TOP OF SEAT 9" MAX 7" MIN. SIDE ELEVATION ADATOIL-1 SCALE: 5 SINGLE & MULTIPLE TOILETS SCALE:



ESTFIELD DESIGN & CONSTRUCT

2049 Century Park East, 41th Floor, Century City, California 90067-3101 Telephone 310 478 4 Facsimile 310 478 4 310 478 4456 310 478 4468

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Consultants 2S ENGINEERS (MEP) 421 E Huntington Dr, Monrovia, CA 91016

NEW RESTROOM PRO IECT

Key Plan: Restroom Project Local

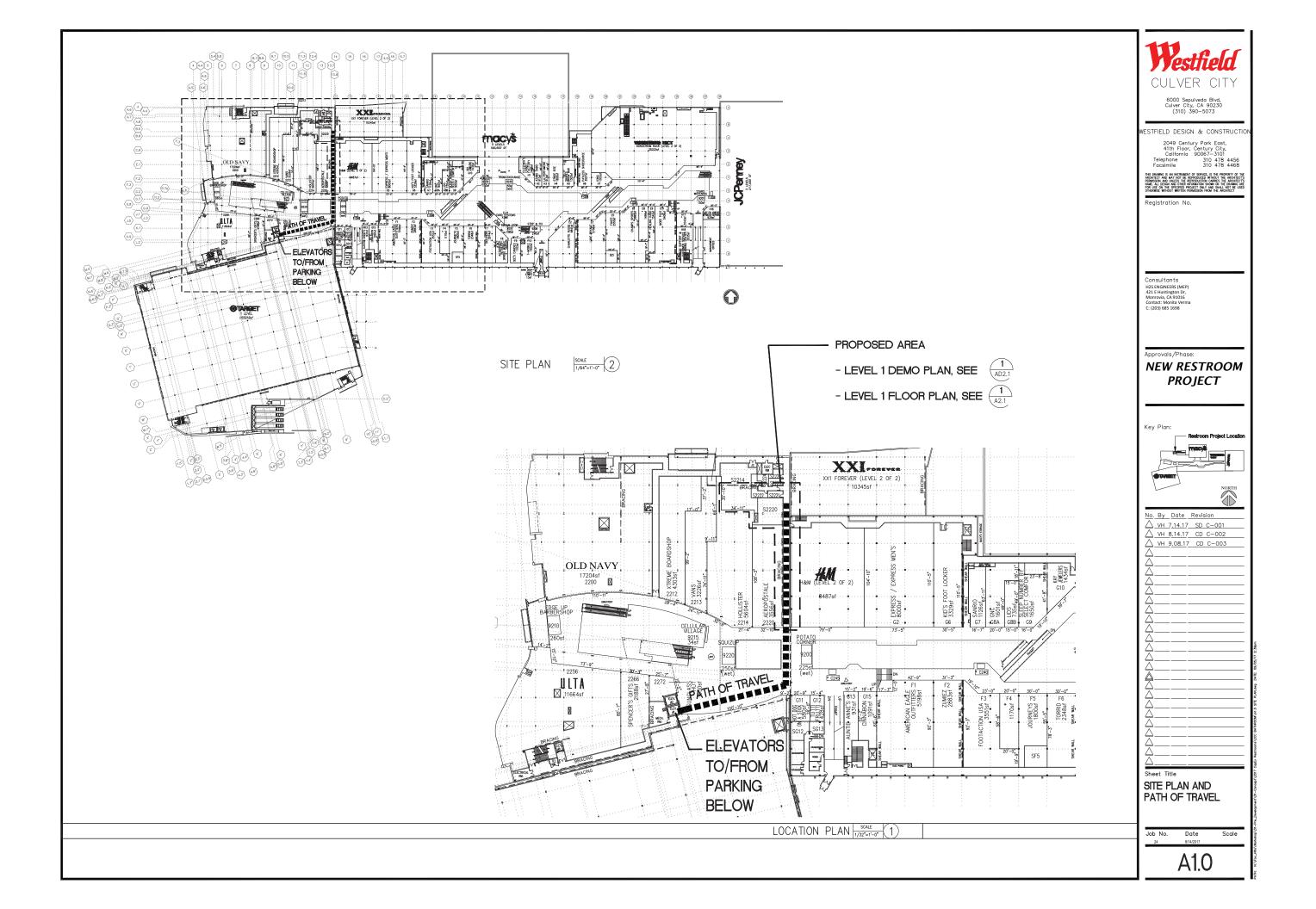
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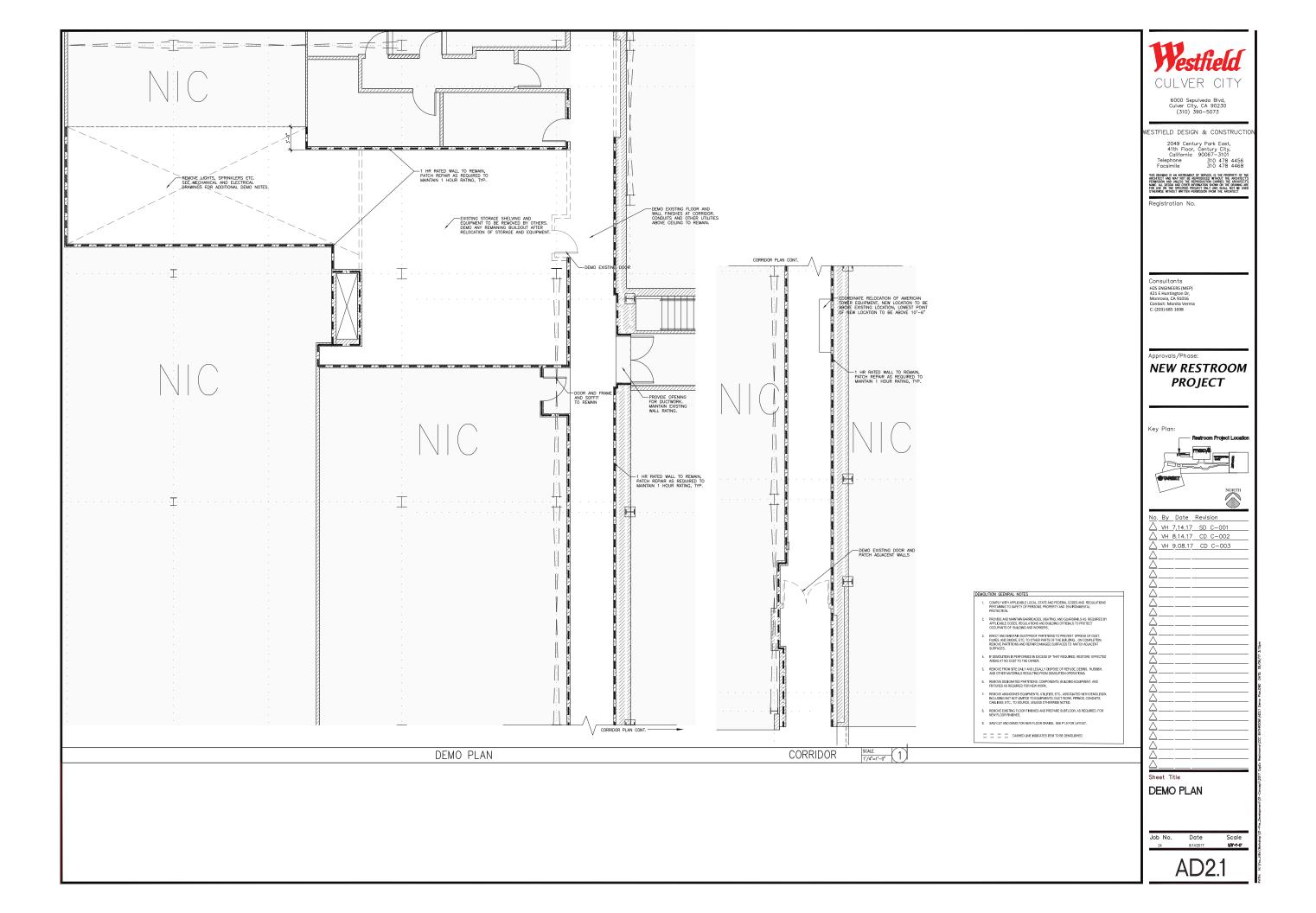
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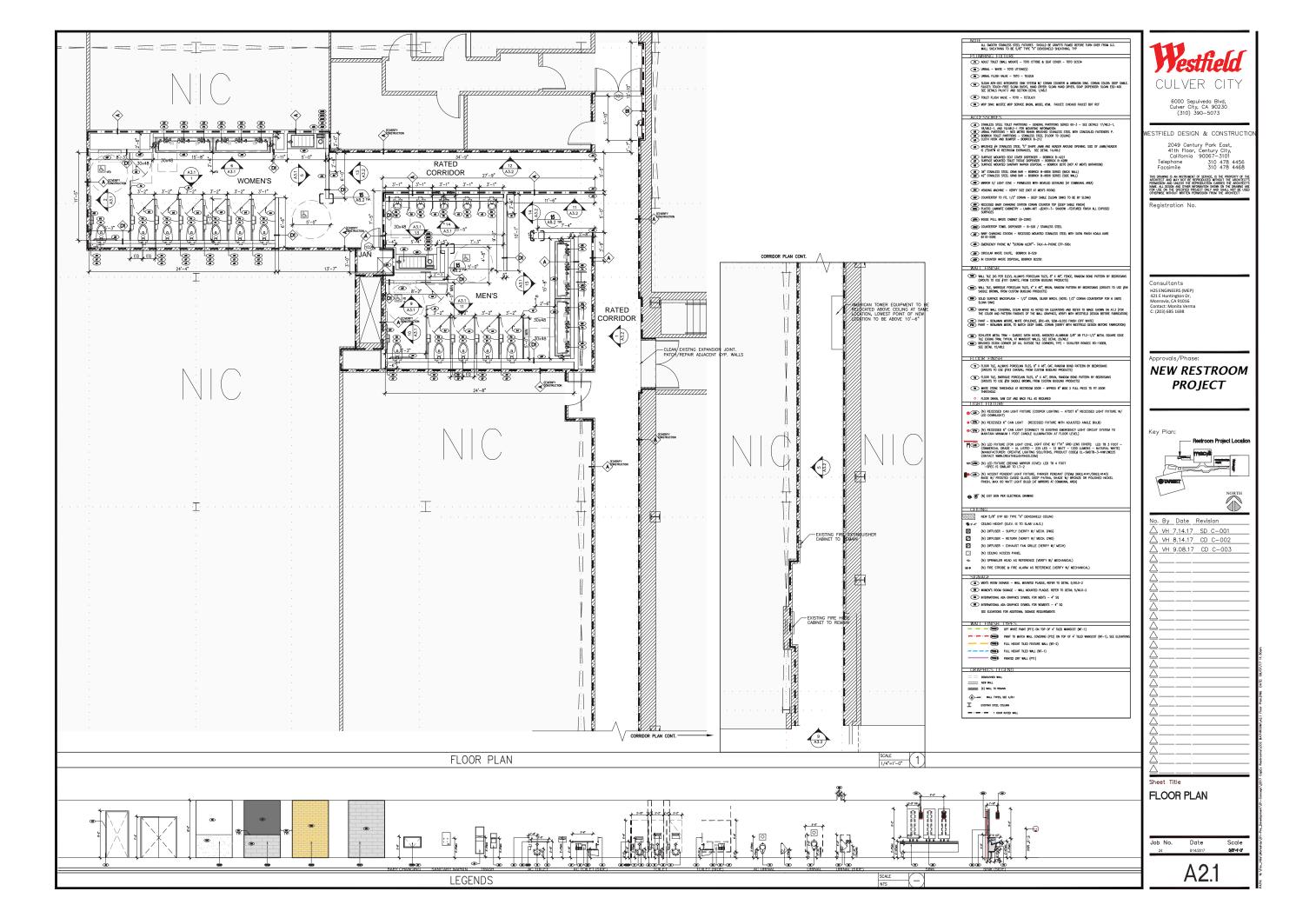
ACCESSIBILITY DETAILS AND NOTES

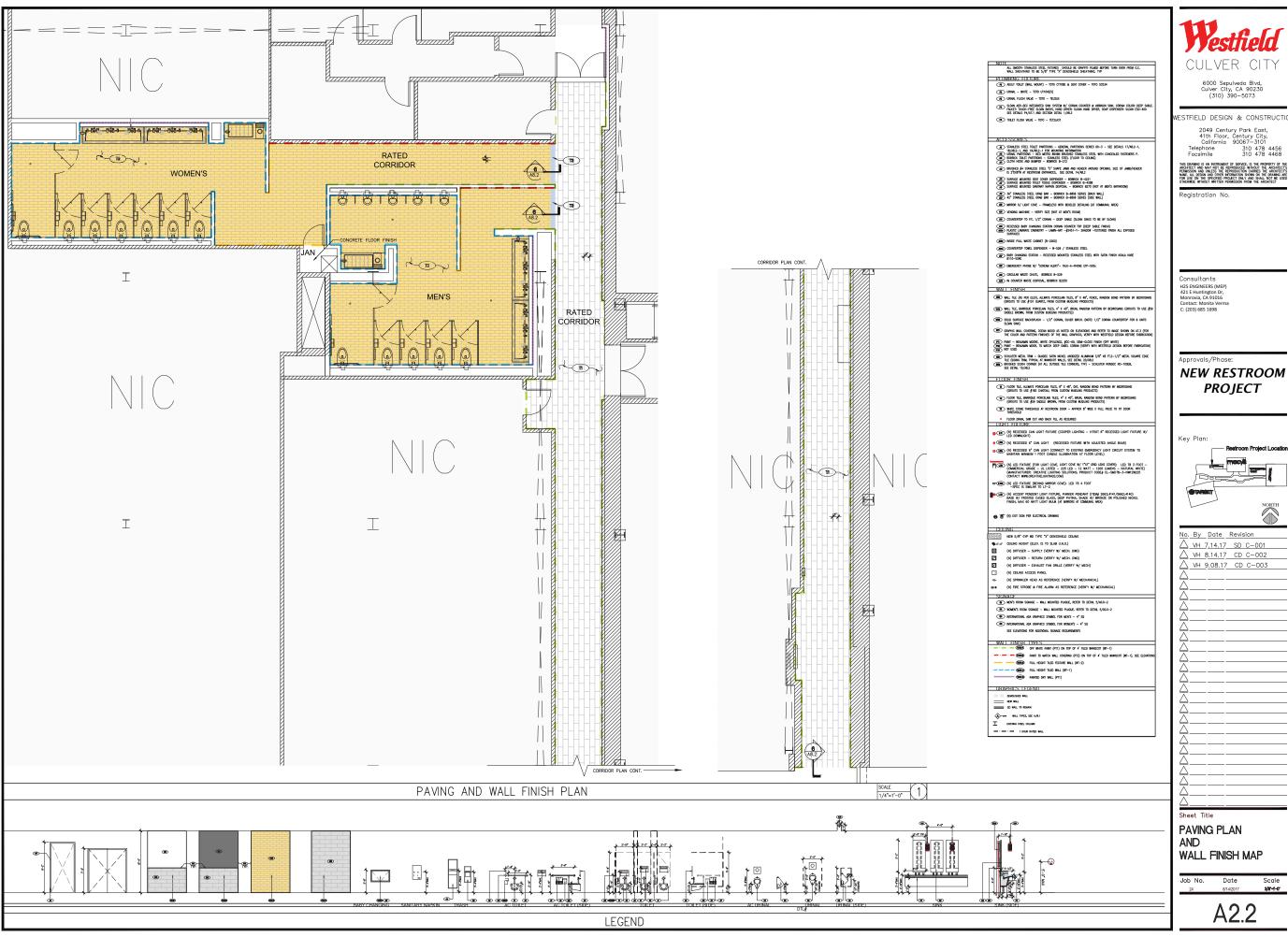
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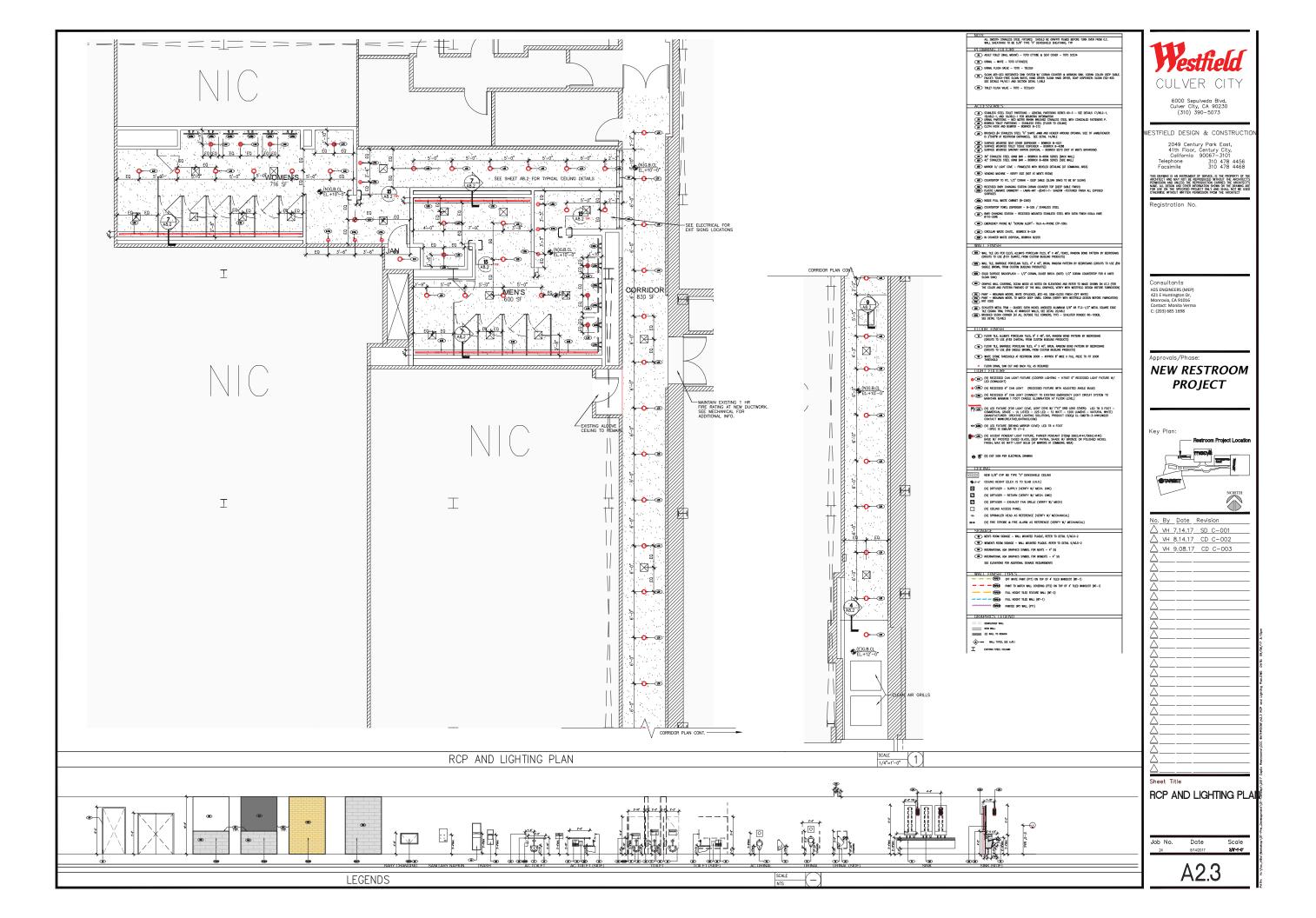
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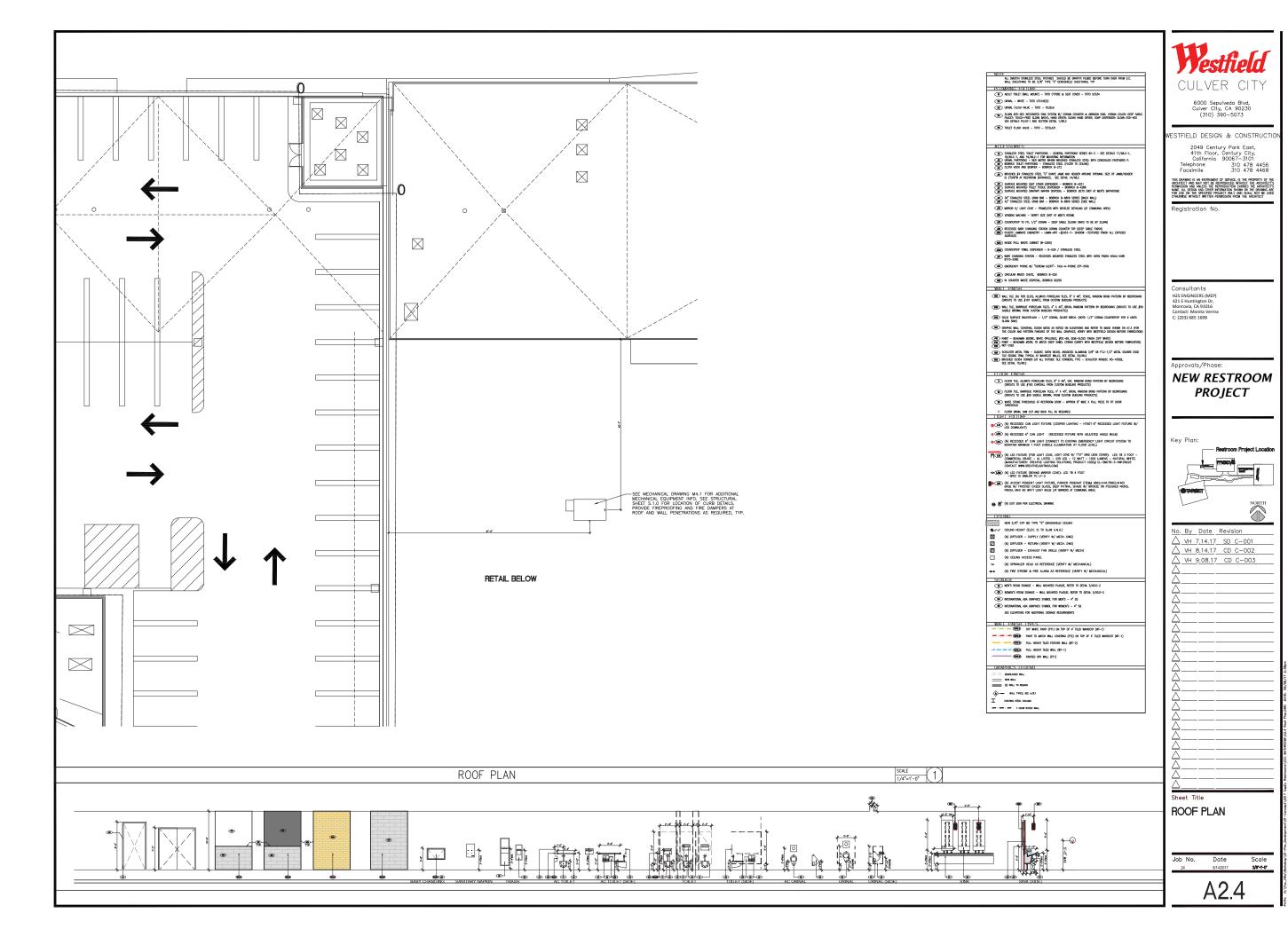


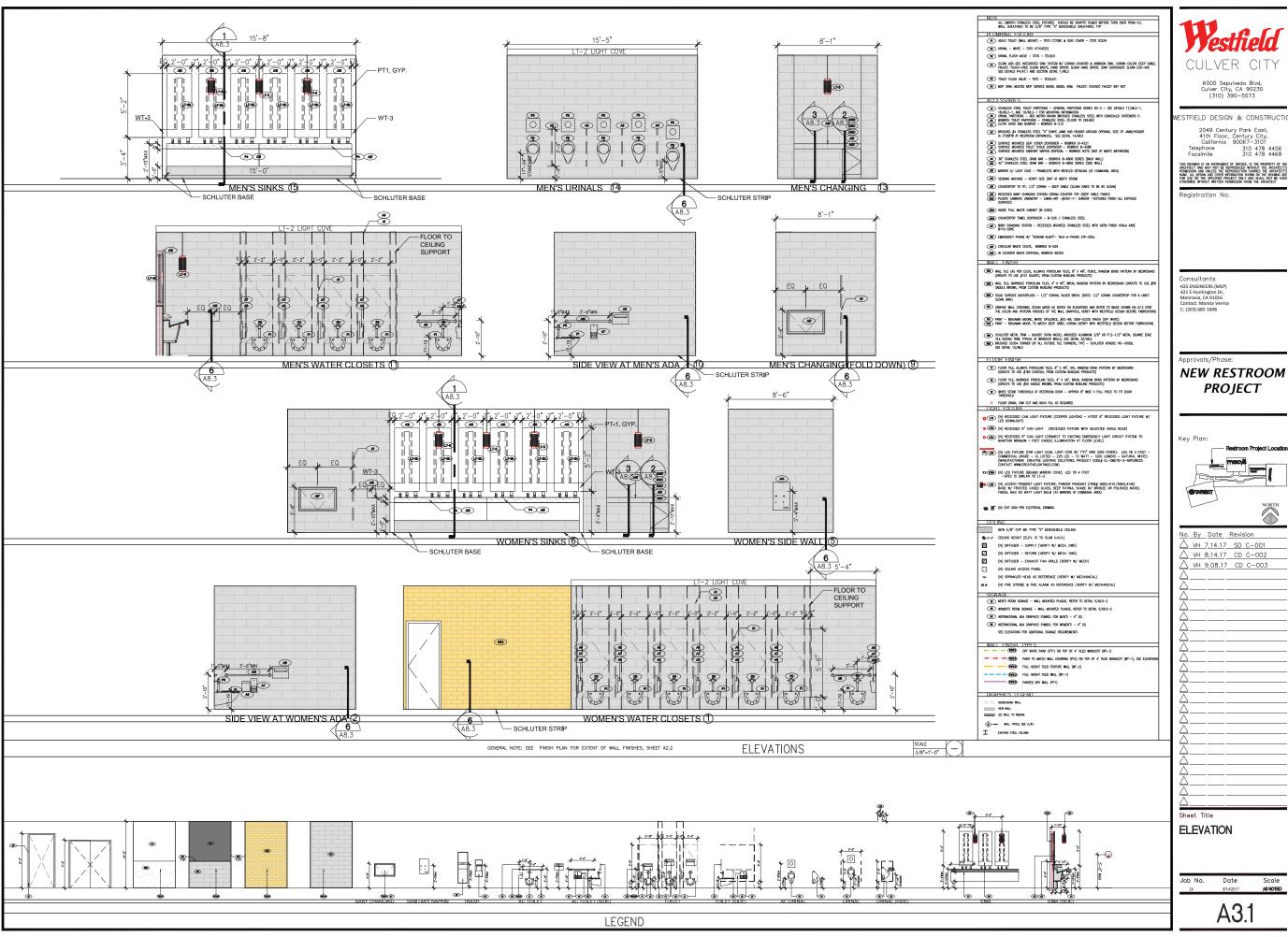


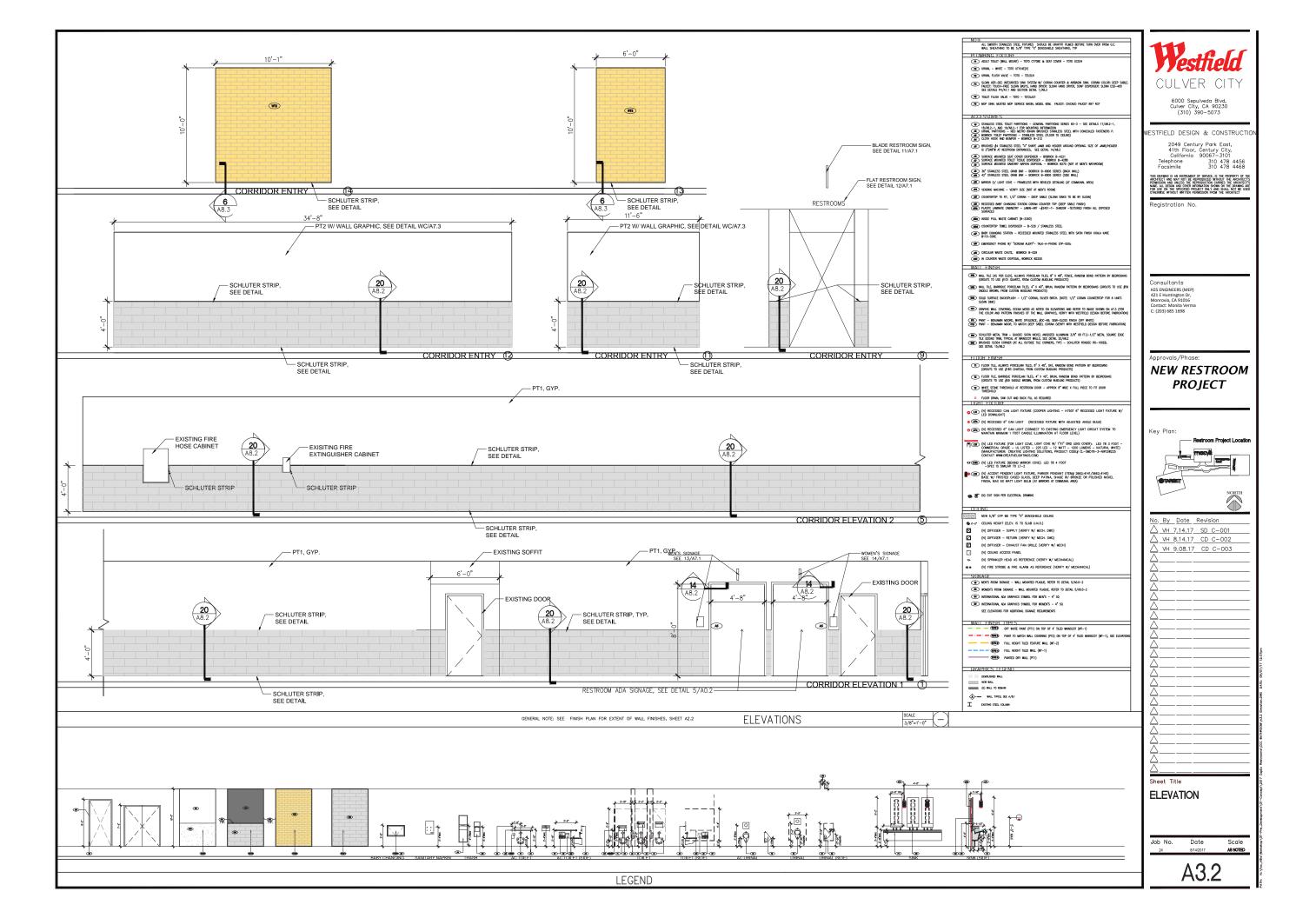


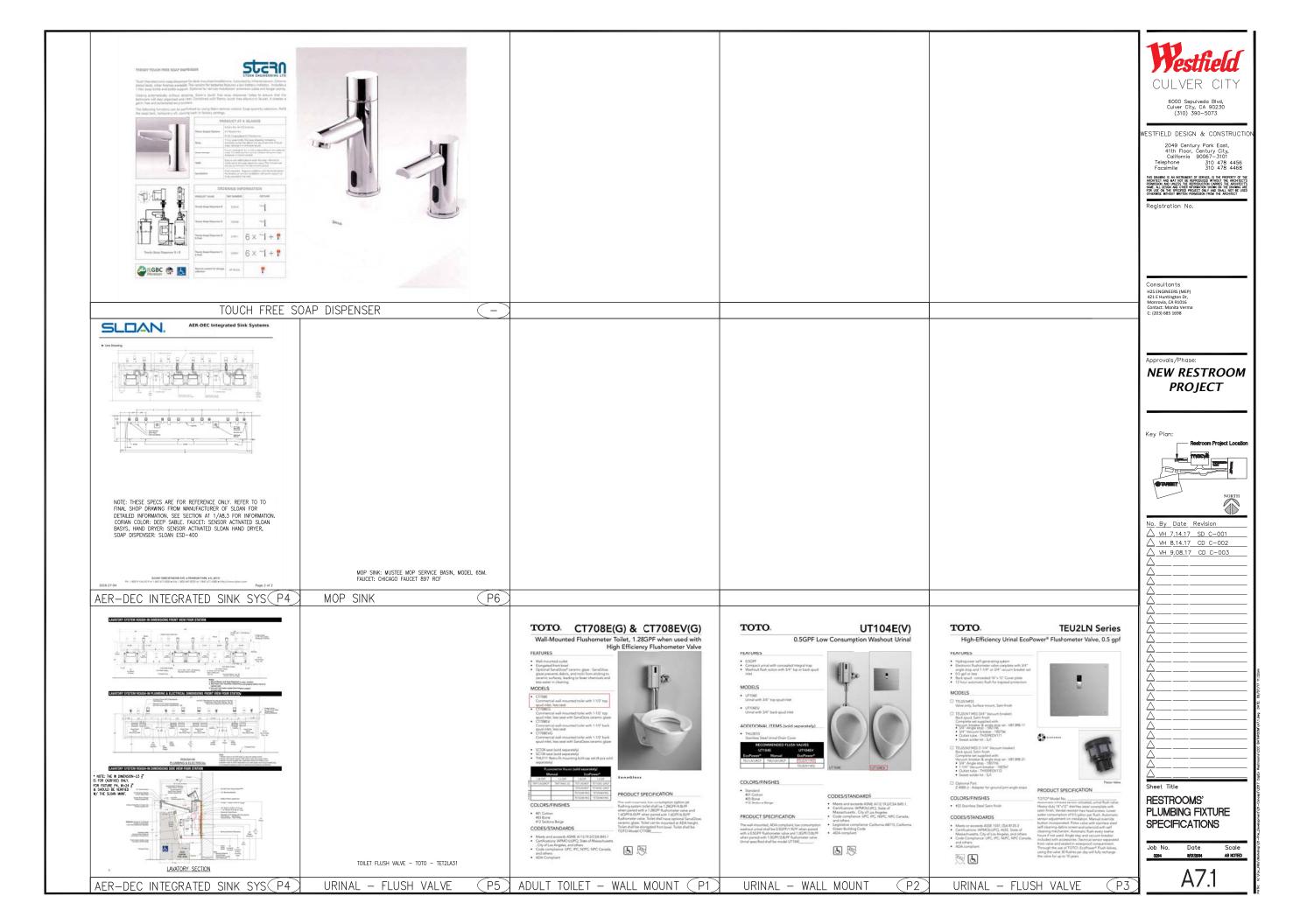














COPY EXISTING SIGNAGE DESIGN AT CULVER CITY RESTROOMS.
(VERIFY SIGNAGE WITH WESTFIELD
DESIGN BEFORE FABRICATION)

(14)



COPY EXISTING SIGNAGE DESIGN AT CULVER CITY RESTROOMS. (VERIFY SIGNAGE WITH WESTFIELD DESIGN BEFORE FABRICATION)



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(VERIFY SIGNAGE WITH WESTFIELD DESIGN BEFORE FABRICATION)

BLADE RESTROOM SIGNAGE



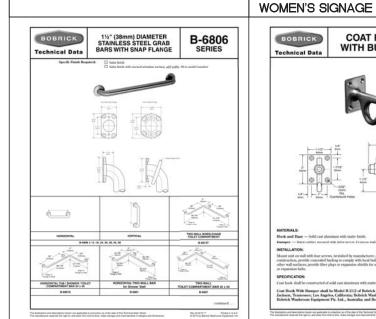
Consultants
H2S ENGINEERS (MEP)
421 E Huntington Dr,
Monrovia, CA 91016
Contact: Monita Verma
C: (203) 685 1698

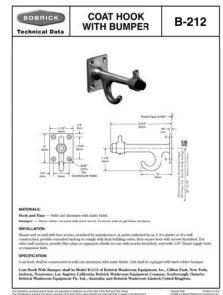
CULVER CITY

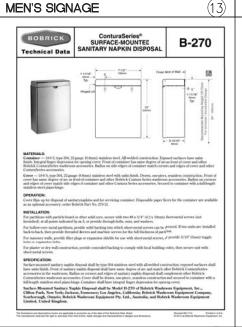
ESTFIELD DESIGN & CONSTRUCT

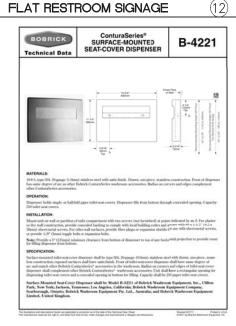
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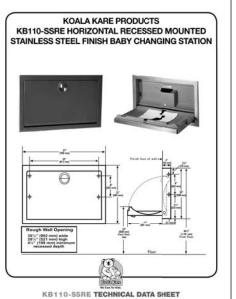




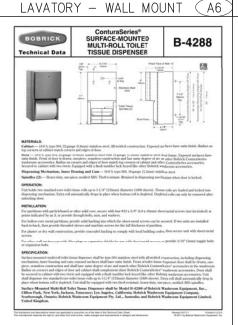
STAINLESS STL GRAB BAR (A9 XA10)



COAT HOOK WITH BUMPER (A4)



SANITARY NAPKIN DISPOSAL (A8



Sheet Title **RESTROOMS** PLUMBING FIXTURES AND ACCESSORIES **SPECIFICATIONS** Date

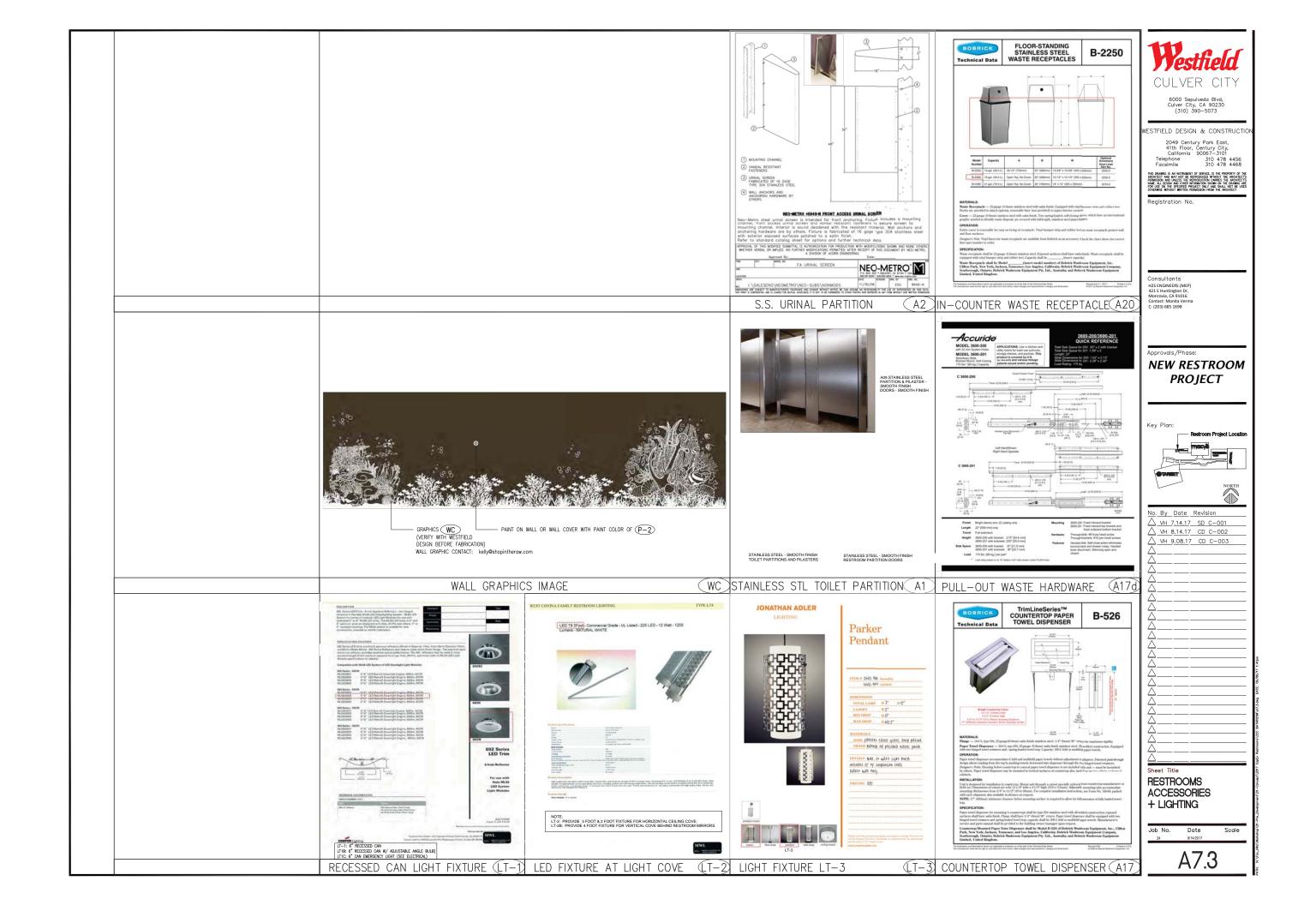
(A19) EMERG PHONE W/SCREAM ALERT (A18) CIRCULAR WASTE CHUTE

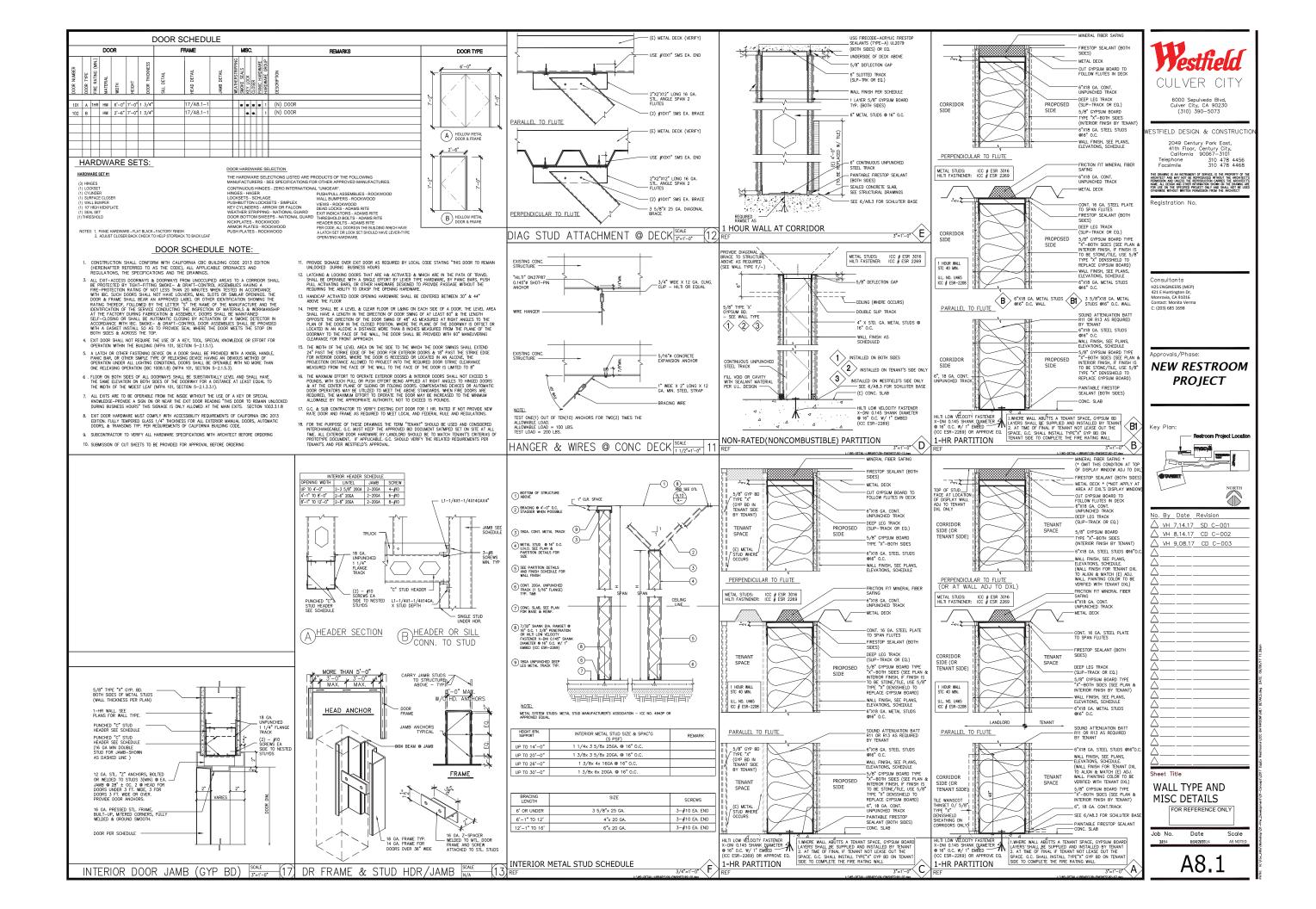
BABY CHANGING STATION

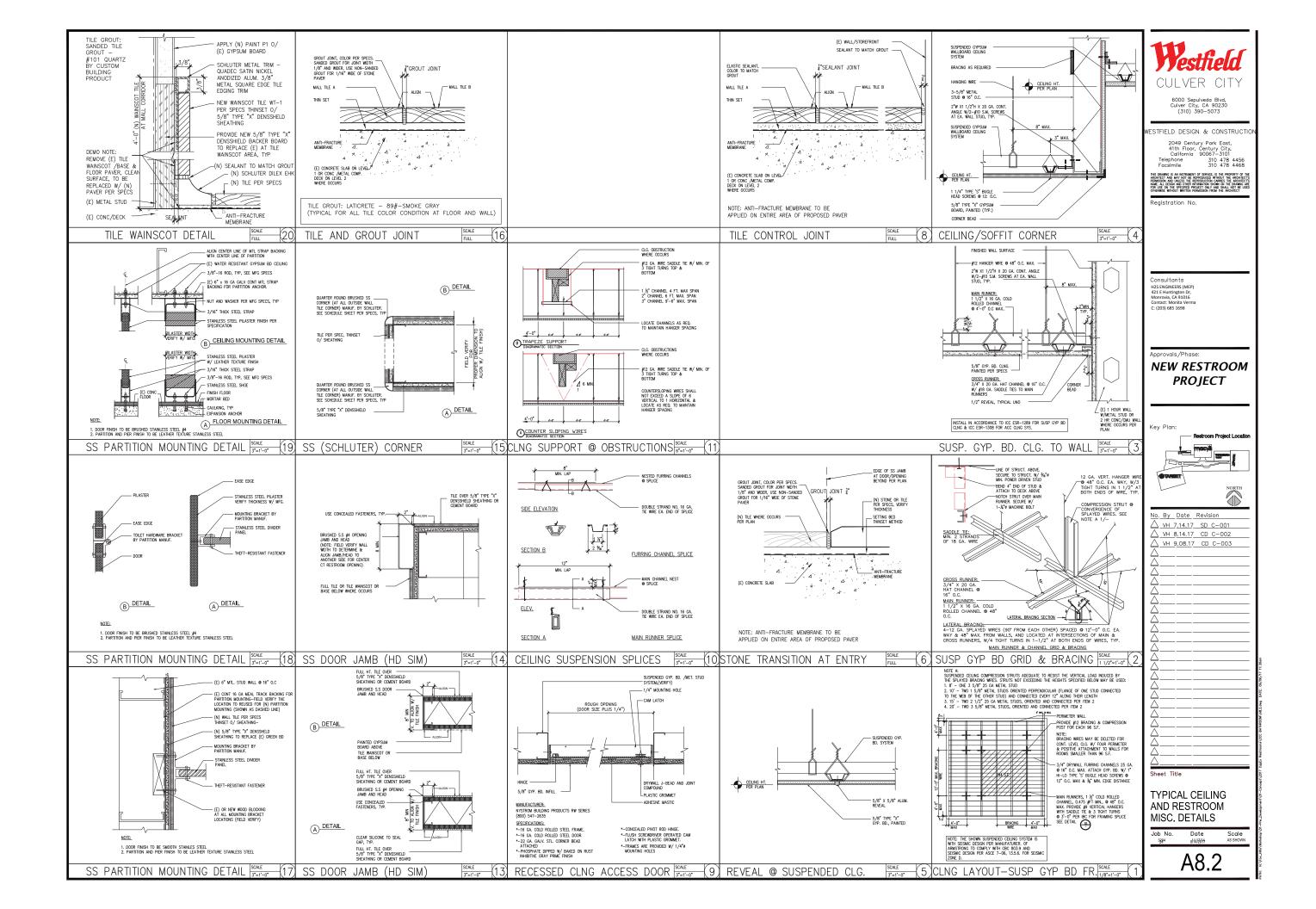
(A17)

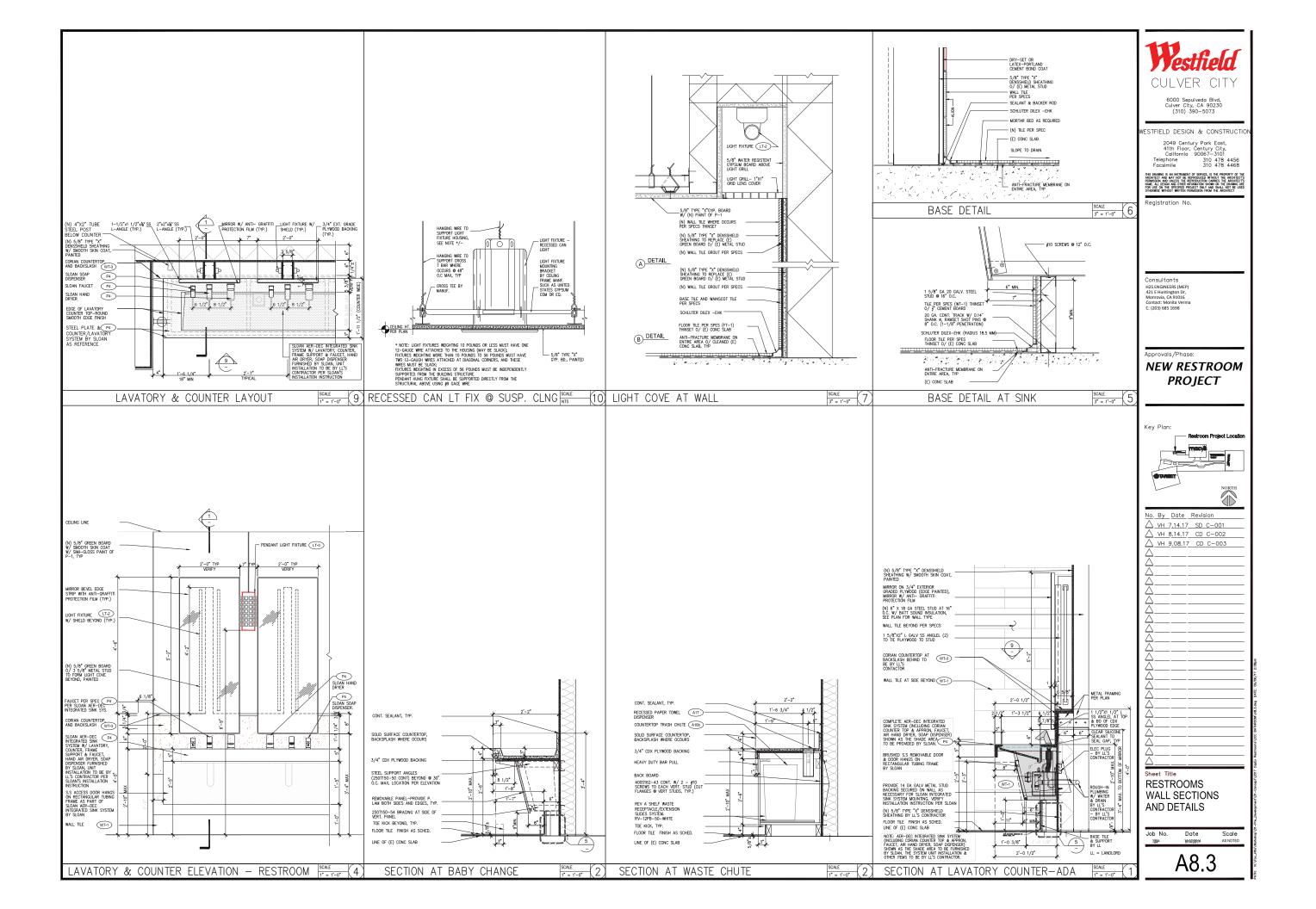
TOILET TISSUE DISPENSER

(A7









- GROUNDING ELECTRODE SYSTEM SHALL COMPLY WITH NEC 250-50.
- GROUNDING ELECTRODE CONDUCTOR INSTALLATION SHALL COMPLY WITH NEC 250-64.
- GROUNDING ELECTRODE CONDUCTOR ENCLOSURE SHALL COMPLY WITH NEC 250-64(e).
- EQUIPMENT TO BE FULLY OR SERIES RATED FOR THE AVAILABLE FAULT CURRENT. NEC 110-9.
- TORQUING TERMINATIONS SHALL BE IN ACCORDANCE WITH THE EQUIPMENT LABEL AND PROOF OF TORQUE IS REQUIRED PRIOR TO THE FINAL. NEC ART. 110-3 (b).
- A NEUTRAL FAULT TEST IS REQUIRED PRIOR TO FINAL. NEC ART. $250{-}24(\text{o})(5).$
- ALL EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
- PROVIDE AND EQUIPMENT GROUNDING CONDUCTOR FOR ALL CIRCUITS PER NEC 250-110 AND 250-118.

- ALL ELECTRICAL METERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWINTER'S LABORATORES (U.) AND BEAR THER LABEL, OR HISTORY AND CERTIFIED BY A MATIONALLY RECOVERED TESTION CARRIED AND THE COUPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTION TO 18 SEPTEY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENT OF THE FOLLOWING.

ABERCIAN SOCIO FO FESTING MATERIALS (ASTIM)
INSULATED POWER CARLE ENIMERER ASSOCIATION (IPECA)
MATIONAL ELECTRICAL MAUNIFACTIVES ASSOCIATION (INSUA)
AMERICAN STANDARD ASSOCIATION (INSUA)
AMERICAN STANDARD ASSOCIATION (INSUA)
AMERICAN ARTHORNAL STANDARD BINDTITUTE (INSI)
AMERICAN ARTHORNAL STANDARD BINDTITUTE (INSI)
CALIFORNA ELECTRICAL CODE (EXC) — LATEST ERITION
CALIFORNAL CODE OF REGULATIONS THE 24 (COR)
INSTITUTE OF ELECTRICAL AND ELECTRONIC ENIMERERS (IEEE)
ALL LOCAL CODES HAVING EMPSICIENT

- THE CONTRACTOR SMALL WIST THE STEE INJURIES ALL AREAS MODERNED ON THE DAMMES SHE SHALL THOROUGH FAMILABOR AND A CONTRACTOR OF THE ENGINEER SHE SHALL THOROUGH FAMILABOR AND A ACCEPTS THE CONTROLS MODERN WHOLE HE SHALL BE REQUISTED TO PERFORM HIS WORK. CONTRACTOR TO ADJUST BID PRICE TO ACCOMMODATE DISTING CONDITIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO GREAN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDERDA, DRAWNGS AND SPECIFICATIONS. HE SHALL CLEECH, THE DRAWNGS OF THE OTHER TRACES AND SHALL CAREFULLY READ THE ENTIRE SPECIFICATIONS AND DETERMINE HE RESPONSIBILITIES. FAULKET 100 DOS SHALL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWNINGS AND SEPCIFICATIONS.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES.
- THE CONTROL SHALL CORRENATE HIS WORK WITH DIFFER TRADES AT THE SITE. ANY COSTS TO NISTALL MORK TO ACCOMPLISH SUB-COORDANION WHICH DIFFERS FROM THE WORK AS FORWING ON THE PRAMMES SHALL BE INCURRED. BY THE CONTRACTOR. ANY DISCREPANCES.
 SHALL BE INCURRED. BY THE CONTRACTOR. ANY DISCREPANCES.
 AMBIGUITIES OR CORPLICTS SHALL BE ROUGHT TO THE ARCHITECT DURING 880 TIME FOR CLARIFICATION. ANY SUCH CONFLICTS MOTO CLARIFICATION. ANY SUCH CONFLICTS OF THE ARCHITECT DURING 880 TIME FOR CLARIFICATION. ANY SUCH CONFLICTS TO CLARIFICATION.
- . THE CONTRACTOR SHALL PROVIDE AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF BRAININGS. THESE PRINTS SHALL BE CORRECTED DAILY AND SHOW EXPE CHANGE FROM HE GROBINAL DRAWNESS. THIS SET OF BRAININGS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED DAILY AS A RECORD SET THIS SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES IN THE LOYOUT WITHOUT DEFINITE REPORTING THE CONTRACTOR TO MAKE CHANGES SHALL BE WERE AS STATE REPORT OF THE CONTRACTOR TO MAKE CHANGES SHALL BE THE RECORD SHALL BE WERE PROPERLY THE PROPERTY OF TH
- IN SOME INSTANCES, IT MAY BE NECESSARY TO DEFER WORK IN CERTAIN AREAS AND LOCATIONS LINITE. SICH TIME AS EXISTING FACILITIES CAN BE TEMPORARILY OF REFMANING THE ARRANAGED BY THE OWNER BUILDING AUTHORITY. THEREFORE, WHENEVER IT BECOMES NECESSARY FOR THE CONTRACT OF DEFORMING WORK UNDER THIS CONTRACT IN EXISTING AREAS IN WHICH THE OWNER'S WORK IS BEING PERFORMED, THE CONTRACTOR SHALL ADJOSE THE ARCHITECT AND THE OWNER ELATIVE TO THIS REQUIREMENT AND SHALL FOLLOW GLOSELY THE DIRECTIVE ISSUED TO THE CONTRACT OF SHALL ADJOSE OF IN SHORT BY THE CONTRACT OF SHALL MUSIC OF IN SIGN BY ALL OFFICIAL OF THE CONTRACT OF SHALL MUSIC OF IN SIGN BY THE CONTRACT OF SHALL MUSIC OF IN SIGN BY ALL OFFICIAL OF THE CONTRACT OF SHALL MUSIC OF IN SIGN BY ALL OFFICIAL OF THE CONTRACT OF SHALL MUSIC OF THE OWNER IN SIGH PROCEDURE AND AT SUCH TIMES SHALL PROCEDURE AND AT SUCH PROCEDURE.
- ALL INTERRUPTION OF ELECTRICAL POWER SHALL BE KEPT TO A MINIMUM. HOWEVER, WHEN AN INTERRUPTION IS NECESSARY, THE SHITDOWN MUST BE COORDINATED WITH THE OWNERF AND CHORACTER 10 DAYS PRICE TO THE OUTAGE. ANY OVERTIME PAY SHALL BE INCLUDED IN THE CONTRACTOR'S BUT OWNER IN COSTING SWITCHDAGENS OF PANELSOR FOR SHALL BE COORDINATED WITH THE OWNER PRICE TO REMOVING ACCESS PANELS OF DEPORT TO REMOVING ACCESS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TEMPORARY POWER FACULIES AND CONNECTIONS FOR ALL FEEDERS OR SYSTEMS BEING DISCONNECTED IN ORDER TO MAINTAIN SYSTEMS IN OPERATION OF WHERE SAID FEEDERS OR SYSTEMS REQUIRE EMERGENCY STANDBY POWER.
- SHOULD FOURTH.

 SHOP DRAWNINS SHALL BE SUBMITED WITHIN THIRTY DAYS AFTER AWARD OF THE CONTRACT. THE CONTRACTOR SHALL SUBMIT EIGHT COPES OF A COMPLETE LIST OF MATERIAS AND EQUIPMENT TOOLUDINO MARKEGURER AND MICE, INJURIES OF BUSINESS OF THE JOB. SHOP DRAWNINS SHALL MICEURE DE DESCRIPTION, ARCHITECT AND EXORDER CONTRACTOR SHALL BE SUBMITTED FOR THEIR SUBER IN SECRETARIES SHOP DRAWNING SHALL BE SUBMITTED FOR THEIR SUBER IN SECRETARIES WITHOUT SHALL BE SUBMITTED FOR THEIR SUBER IN SECRETARIES WITHOUT SHALL BE SUBMITTED SHALL BE SUBMITTED SHALL BE SUBMITTED SHALL BE SUBMITTED SHALL BUSINESS AND SUBMITTALS WILL BE RETURNED WITHOUT SHALL BE SUBMITTED SHALL BE SUBMITTED SHALL BE SUBMITTED SHALL SHALL BE SUBMITTED.

ALL EQUIPMENT MOUNTED ON ROOF FOR CONNECTION OF HVAC EQUIPMENT SHALL BE MOUNTED ON UNISTRUT STANDS UTILIZING APPROVED PITCH POCKETS, FLASHING, ETC.

- ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTOR.
- COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT. SUPPLY POWER AND MANE CONNECTION TO MOTIONS AND COUMPENT REQUIPMENT ELECTRICAL CONNECTIONS AS DEARWASS OF OTHER TRADES. REVEW THE DEARWASS OF OTHER TRADES FOR CONTROL DIAGRAMS, SEX AND LOCATION OF COUMPENT, DISCONNECT STORY CONTROL TRADES AND THE CONTROL SAND COMMENT, DISCONNECT WITH CONTROL SAND PROVIDED. THE CONTROL TO SAND PULMING OPERATIONS SHALL BE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTOR SHAPE OF DRAWNISS PRIOR TO ROCKETON AND ALL CONDITT OF THE COUPPENT.
- 31. CONNECTIONS TO VIBRATING EQUIPMENT AND SEISMIC SEPARATIONS:

LIQUID—TIGHT FLEXIBLE STEEL CONDUIT IN DRY INTERIOR LOCATIONS. LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN AREAS EXPOSED TO WEATHER, DAMP LOCATIONS, CONNECTIONS TO TRANSFORMER ENCLOSURES, AND FINAL CONNECTIONS TO MOTORS.

PROVIDE A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR IN FLEXIBLE CONDUIT RUNS. MAXIMUM LENGTH SHALL BE SIX FEET UNLESS OTHERWISE NOTED.

- ROUTE EXPOSED CONDUIT AND CONDUIT ABOVE ACCESSIBLE CEILING SPACES PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING. ARRANGE COMOUNT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.
- CONDUIT SHALL NOT BE INSTALLED IN ANY FLOOR SLAB. CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED IN WALLS, OR BELOW SLAB ON GRADE UNLESS NOTED OTHERWISE.
- 5. WHENEVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, COMPIENT DEVICES, CIRCUIT BREAKERS, CROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS), ARRES ON THE DEVINNES OR PRODUCTION OF THE CONTROL OF THE SPECIAL OF THE CONTROL OF THE SPECIAL OF THE SPECIAL OF THE SIZE COMPLETE AND OFFERABLE SYSTEMS AS REQUIRED BY THE OWNER AND AND ACTUATED THE CONTROL OF THE CONTROL OF THE SPECIAL OF THE CONTROL OF THE SPECIAL OF THE CONTROL OF THE CONTROL OF THE SPECIAL OF THE CONTROL OF THE SPECIAL OF THE SIZE OF THE SPECIAL OF THE SIZE OF THE
- UTILITY PENETRATIONS OF ANY KIND IN FIRE AND SMCKE PARTITIONS AND CELLING ASSEMBLIES, SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED MATERIAL SECURELY INSTALLED.
- STEEL ELECTRICAL OUTLET BOXES WHICH DO NOT EXCEED 16 SOUARE INCHES IN AREA, NEED NOT BE PROTECTED IN ONE HOUR OR TWO HOUR FIRE RATED WALLS, PARTITIONS, CEILINGS, OR AREA SEPARATION UNLESS THEY:

OCCUR ON OPPOSITE SIDES OF THE WALL WITHIN 24 INCH HORIZONTAL DISTANCE OF ONE ANOTHER. IN THIS CASE, ONLY ONE OULTE DOX MEED TO PROTECTED BY AN APPROVED FIRESTOP MATERIAL OR DETAIL TO CORRECT THIS CONDITION.

OCCUR IN COMENATION WITH OUTLET BOXES OF ANY SIZE SUCH THAT THE AGGREGATE AREA OF UNPROTECTED OUTLET BOXES EXCEEDS ON SOUAKE ROBES IN ANY 100 SQUAKE REST OF WAIL AREA. IN THIS CASE, ONLY A SUPFLICENT HAMBER OF OUTLET BOXES NEED BE PROTECTED BY AN APPROVED MATERIAL OR BOTAL TO ECCRADE. THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES IN ANY 100 SQUAKE TO SOUAKE THAT OF SOUAKE THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES. IN ALT OS SOUAKE TO SQUAKE

STEEL ELECTRICAL OUTLET BOXES WHICH EXCEED 16 SQUARE INCHES IN AREA, AND ALL OTHER STEEL UTILITY OUTLET BOXES REGARDLESS OF SYZE, SHALL BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL AS LISTED OR EQUAL.

FIRESTOPPING MATERIAL:

FSP FIRESTOP PUTTY PADS HEVI-DUTY NELSON PRODUCTS TULSA, OK

FLAMESAFE FSP 1077 FIRESTOP PADS INTERNATIONAL PROTECTIVE COATINGS OAKHURST, NJ

STEEL UTILITY BOXES WHICH EXCEED 100 SQUAME INCHES IN AREA SHALL BE PROTICETED BY ENCASEMENT.

UTILITY AND LECTRICAL QUILLES OR BOXES SHALL BE SECURELY FASTEND TO THE STILL OF FRAMING OF THE WALL, PARTITION OR CRUING ASSEMENT, THE OPPOSIT MORNOR FACING SHALL BE CUT SO THAT THE CLERANCE BETTACH THE BOX AND THE PARTITION, OR PARTITION, OR SHALL BE FALLED WITH AN APPROVED THE—FATTE SEALANI.

- ARCHITECTURAL REFLECTED CELING PLANS INDICATING THE LOCATION OF LORIMIC PITTURES SHALL THE REFLECTOR'S OFFET THE LOCATIONS OF SAME SHOWN ON THE ELECTRICAL DEAWNOS. INSTALL THE LOCATIONS OF SAME SHOWN ON THE ELECTRICAL DEAWNOS. INSTALL THE LOCATION FLANS. DISORDERANCES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTED.
- B. THE EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHTING FITTURES LOCATED IN HEICHANGLE EQUIPMENT SPACES SHALL WITHOUT SPACES SHALL WITHOUT SPACES AND AN OLD THE STRENGE WITH DUTS. PHONE, AND OTHER HEICHANGLE LOUPMENT. WHEN LOCATIONS AND MOUNTING HEIGHTS ARE DETERMINED, OBTAIN APPROVAL FROM THE ARCHITECT.

SUSPENDED ACOUSTICAL CELINGS:
HEAVY DUTY GOD STETEDER FUSH OR RECESSED LIGHT FIXTURES
WOORMING LESS THAM SO POUNDS MAY BE SUPPORTED DIRECTLY
ON THE RUNNERS OF A HEAVY DUTY GOD SYSTEM. IN
ADDITION, THEY SHALL HAVE A MINIMA OF TWO 12 CAMPES
SLACK SAFETY MIRES ATTACHED TO THE FIRTURE AT DIAGONAL
ORNERS AND ANOTODED TO THE STRUCTURE ADDIT ALL
FOR AS INCIDENT AND A STRUCTURE ADDIT ALL
FOR AS INCIDENT AND A STRUCTURE ADDIT AND A STRUCTURE ADDIT AND A STRUCTURE ADDIT AND A STRUCTURE ADDIT AND A STRUCTURE ADDITED.

ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 POUNDS OF ALL FLUSH OR RECESSED LIGHT FIXTURES WEGINNE SE POUNDS C MORE SHALL EN INDEPENDENTLY SEPPORTED BY NOT LESS THAN FOUR TAUT 12 CAUGE WRISE SACH ATTACHED TO THE FIXTURE AND TO THE STRICTURE ABOVE REPROLESS OF THE TYPE OF CELING GRID SYSTEM USED. THE FOUR TAUT 12 CAUGES WIESS INCLUDION THEIR ATTACHMENT TO THE STRICTURE ABOVE SHALL BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE UNIT.

INTERMEDIATE DUTY GRID SYSTEM: ALL FIXTURES SUPPORTED ON INTERMEDIATE DUTY GRID SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR TAUT IS GAUGE WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE.

SURFACE MOUNTED FIXTURES: SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CELLIOR RUNNER ABOVE BY A 12 GAUGE WIRE SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GAUGE WIRE. SPRING CLEPS OF CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE. PROVIDE ADDITIONAL SUPPORTS WHEN LUCHT FIXTURES ARE EIGHT FEET OF LONGER.

PENDANT MOUNTED FIXTURES: SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER, WRES OR CABLES PASSING THROUGH EACH PENDANT HANGER, AND CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE FIXTURE.

GENERAL NOTES

Suspended Drywall Cellings:
All Recessed or Rope-In Light Fixtures shall be supported directly by Main Runners or by supplemental Framing Which is supported by Main Runners. The Contractor Shall Coordinate his work with the Celling Contractor to Provide Appropriate Framing and Location for Fixtures.

SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF 14 GAUGE. ROTATIONAL SPRING CATCHES SHALL NOT BE ALLOWED.

- STRAIGHT FEEDER, BRANCH ORCUIT, AND CONDUIT RUNS SHALL BE PROVIDED WITH SUPPRICENT PULL BOXES OF JUNCTION BOXES TO LIMIT THE MAXIMUM LEWSTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SEZIED PER CODE OR AS MIDICATED ON DRAIMORS. LOCATIONS SHALL BE DETERMINED IN THE FIELD OR AS NIDICATED ON THE DRAIMORS.
- 2. MAXIMUM NUMER OF CONDUCTORS IN OUTLET OF JUNCTION BOVES SHALL CONSTRUCT TO THE CATEFORN ELECTRICAL COOR, ARTICLE 370-6, BUT IN NO CASE SHALL CONTAIN MORE HAN THE FOLLOWING NUMBER OF 912 ANG CONDUCTORS FOR THE SIZE OF BOX MOCACETE. THE MINISTER OUTLET OR JUNCTION BOX PERMITTED IN A WALL IS FOUR INCHES SQUARE BY 1-12 KNICHS DESCRIPTION A WALL IS FOUR INCHES

ALL OUTLET BOXES CONTAINING MORE THAN ONE DEVICE SHALL BE GANGED. TWO DEVICES DOUBLE GANGED, MINIMUM.

- WHERE MULTI-HOMERUNS ARE INDICATED ON DRAWNINGS INDICATING. THE SAME PARELBOARD CIRCUIT NUMBER, PROVIDE JUNCTION BOX AS ACCESSIBLE CELLING AND ROUTE ONE SET OF WIRES TO CIRCUIT BREAKERS.
- THE NUMERALS SHOWN AT TOP OF LIGHT FIXTURE IDENTIFICATION SYMBOLS NOICATING THE MUMBER OF LIGHT FIXTURES REQUIRED SHALL NOT BE USED BY THE CONTRACTOR FOR HIS QUAINTY TAKE—OFF AT BODDING, NOR FOR DETERMINATION OF HOW MANY FIXTURES WILL BE INSTALLED. THE CONTRACTOR SHALL INSTALL A LIGHT FIXTURE WHEREVER A FIXTURE QUILET IS SHOWN ON THE DRAWINGS.
- RECESSED PANELS AND CABINETS SHALL HAVE FIVE SPARE 3/4 INCH
 CONDUITS STUBBED UP INTO AN ACCESSIBLE CEILING SPACE AND CAPPED
 UNLESS OTHERWISE NOTED.
- 46. IBENTIFICATION NAMEPHAETS SHALL BE MICARTA 1/8 INCH THICK AND OF APPROVED SZE WITH BEVELLED EDGES AND ENGRACED WHITE LETTERS A MINIMUM OF 1/4 INCH HIGH ON BLACK BACKGROUND. NAMEPLATES SHALL BE PROVIDED FOR ALL CIRCUITS IN THE SERVICE DISTRIBUTION AND POWER DISTRIBUTION SWITHOURS OF PARELEDARDS, MOTOR CONTROL. CENTERS, LIGHTING DISTRIBUTION PARELEDARDS, SOFTARTELY MOUNTED STARTINGS WITHOURS DOWNCENION SWITHOURS, START MOUTHED STARTING SWITHOURS DOWNCENION SWITHOURS, START MOUTHED STARTING SWITHOURS CHARMED SWITHOURS SWITHOUR SWITHOURS SWITHOURS SWITHOUR SWITHOURS SWITHOUR SWIT
- THE EXACT LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS, DETAILS, OR SECTIONS PROFE TO INSTALLATION. ALL ELECTRICAL DEVICES AND EDUPMENT SHALL BE RECESSED IN WALLS UNLESS OTHERWISE NOTED. OUTLIES NOT INDICATED ON ARCHITECTURAL LEEVINGN SHALL BE COORDINATED WITH THE ARCHITECT FROM ROUGH—IN. UNLESS OTHERWISE NOTED, WOOM'S ELECTRICAL DEVICES AT THE FOLLOWING SHAPE OF THE ARCHITECT FROM ROUGH—IN. UNLESS OTHER MOTED, MOON'S ELECTRICAL DEVICES AT THE FOLLOWING SHAPE OF THE ARCHITECT FROM DEVICES AT THE FOLLOWING SHAPE OF THE ROUGH SHAPE OF THE S

WALL SWITCH
CONVENIENCE RECEPTAGLE
TELEPHONE/DATA OUTLETS
OUTLETS AT COUNTERS
OUTLETS AT COUNTERS
H-6" ABOVE COUNTERS WITHOUT
SPRAPES OR CENTERED
N SPEARS TO REMITTED

REVIEW ARCHITECTURAL ELEVATIONS OF CASEWORK. GUILETS MOUNTED ABOVE OR BELOW, OR ADACENT TO CASEWORK SHALL BE COORDINATED WITH THE ARCHITECTURAL DEMANCS PRIOR TO FINAL ROUGH-IN. ELECTRICAL DRAWNES SHALL GOVERN HAMBER AND THE OF OUTLIETS. BELLOWER AND THE OF OUTLIETS. BELLOWER AND THE OFFICE OF OUTLIETS. BY THE OWNER REQUIRED IN CASEWORK INSTALLATIONS. REFERENCE ARCHITECTURAL DETAILS OF METHOD OF ROUTLING COMDUIT WHITH CASEWORK CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OUTLIETS, COUNTRY BRUSHES WHERE RECEPTURES, OUTLIETS, ETC., OUTLIET, THE OWNER HAME OF THE OWNER HAME OWNER.

MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT ARE FROM FINISHED FLOOR TO CENTER OF DEVICES AND EQUIPMENT UNLESS OTHERWISE NOTED. BOXES INSTALLED IN LOCATIONS NOT APPROVED BY THE ARCHITECT SHALL BE RELOCATED AS INDECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

- 48. DRAWINGS ARE DIAGRAMMATIC ONLY. ROUTING OF RACEWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED AND SHALL BE COORDINATED WITH OTHER SECTIONS. ON NOT SCALE THE ELECTRICAL, DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, PROJECT, CHIS, O'RIC WITH OTHER SECTIONS. FOR THE PROJECT OF THE OTHER SECTION, CHIS, O'RIC HEAVENINGLE, TISTICO OR FEATURES.
- 50. THE EQUIPMENT GROUNDING CONDUCTOR SHOWN ON CONDUIT RUNS SHALL RON CONTINUOUS FROM PANEL TO LAST OUTLET. THIS WIRE SHALL BE FOR FALL BY BE AND THE ROY CONNECTION OF THE WIRE SHALL BE FOR FALL BY BE AND THE WIRE SHALL BE SHALL

- 53. DEVICE PLATES SHALL BE NYLON FOR THE NUMBER OF GANGS AND TYPE OF CPENNISS INCESSARY, HUBBELL OR LOUAL BY PASS & SEYMOUR OR CONERAL LECTRIC. COOK SHALL BE SECIETED BY AGRICULT ELEMENTS HALL BE RED IN OCLOR, PLATES SHALL BE RED IN OCLOR, PLATES SHALL BE ENGRAPED WITH PARK. AND INCOLUT NUMBER WITH PARK.
- 54. RIGID GALVANIZED STEEL CONDUIT SHALL BE FULL WEIGHT TREADED TYPE ALLMMINU OR STEEL ELECTRICAL METALLIC TURBING (SENT) MAY BE USED IN WALLS OR CIPLION SPACES WHERE NOT SUBJECT TO WEIGHANICAL DAMAGE. PIVE SCHEDULE 40 MAY BE INSTALLED BENEATH SLAB OR BELOW GRADE. FLEXIBLE STEEL CONDUIT MAY BE USED AT PRIVILE AND COMPLETING CONDUCTOR WITH NO RUNS LOCKER THAN SIX FEET. AN COMPARINT GROUNDING CONDUCTOR SHALL BE PROVIDED IN ALL COMPARINT GROUNDING CONDUCTOR SHALL BE PROVIDED IN ALL CONDUIT MINNS.
- 55. RIGD GALVANZED STEEL CONDUT FITTINGS SHALL BE THREADED AND THOROUGHLY GALVANIZED. LECTRICAL METALLIC TUBENG (EMT) CONDUT FITTINGS SHALL BE STEEL, RANITION! THERALLESS COMPRESSION TYPE. DE CAST, SET SOREW, OR INDUTER TYPES ARE NOT ACCEPTABLE FLORIES THE CONDUT FITTINGS SHALL BE MALEBEL RION CAPPAGE. SCHELZET THEY GO STEEL TWOT-IN TYPE WITH INSULATED THROAT. SET SUREW TYPE IS NOT ACCEPTABLE.
- 56. FOR SMALL AC MOTORS NOT HAWING BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE MANUAL MOTOR STARTERS WITH OVERLOAD HEATER ELEMENTS SZEED TO THE MAMERIANE CURRENT RATING OF THE MOTOR. SMALL AC MOTORS WITH BUILT-IN THERMAL OVERLOAD PROTECTION, PROVIDE A HORSEPOWER RATED TOGGEL TIPE DESCONMECT SWITCH.

SAFETY SWITCHES SHALL BE HEAVY DUTY NEMA TYPE HD BY SQUARE D, SIRMINS, GENERAL ELECTRIC OR MESTINGHOUSE. SWITCHES SHALL BE RATED FOR THE NUMBER OF POLES, VOLTAGE, CURRENT AND HORSEPOWER RATING AS REQUIRED. PROVIDE FUSE PROTECTION BASED ON THE MOTOR NAMEPLATE RATINGS.

- 59. ALL CONDUCTORS SHALL BE COPPER #10 AWG MINIMUM SIZE, TYPE THHM/THIMN THERMOPLASTIC, 600 VICEOUT, 75 DEGREES CELSIUS WET AND 90 DEGREES CELSIUS DRY AND UL LISTED UNLESS NOTIOE DIFFERENCE, CONDUCTORS #12 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS # 10 AWG AND LARGE SHALL BE STRANGED.
- 60. JUNCTION AND PULL BOXES: FOR INTERIOR DRY LOCATIONS, BOXES SHALL BE GALVANIZED ONE—PIECE, DRAWN STELL, KNOCKOUT THE MITH SHIP AND A COLLARONS, BOXES SHALL BE HEAVY COST, ALL MINIMUM OR CAST RON MITH REMOVABLE, CASK-LIED, NON-FERROLS MACHINE SCREW SECURE OVERS. BOXES SHALL BE SEED FOR THE NUMBER AND SIZES OF COMBUSTORS AND COUNTERNO THE BOX AND COUNTED WHITH A COLLARONS AND COUNTED WITH A COLLARONS AND COUNTED WHITH A COLLARONS AND COUNTED WHITH A COLLARONS AND COUNTED WHITE AND COLLARONS AND COUNTED WHITE AND COLLARONS AND COUNTED WHITH A COLLARONS AND COUNTED WHITE AND COLLARONS AND COUNTED WHITH A COLLARONS AND COUNTED WHITE AND COLLARONS AND COUNTED WHITH A COLLARONS AND COLLARONS AND COUNTED WHITH A COLLARONS AND C
- 1. BALLASTS SHALL BE ELECTROMAGNETIC, ENERGY SAWING TYPE, RAPID START, FULL LIGHT OUTPUT, UL LISTED, CLASS P, HPF, ETL-CEM, ENERGY SAMON TYPE WITH SOURD RATING NO GREATER THAN 30 BHALLASTS SHALL HAVE RESETTING TYPE THERMAL PROTECTOR FOR BALLAST SHALL HAVE RESETTING TYPE THERMAL PROTECTOR FOR BALLASTS SHALL HAVE RESETTING THE FROM HAVE BALLASTS SHALL BE UNBERSAL HATT RESIDER, ADVANCE MARKE 18 OF CREATE LEGITIC MAY-MAY SHALL BE REPLACED AT NO COST TO THE OWNER.

BALLASTS SHALL BE ELECTRONIC TYPE 265 M.A., HIGH POWER FACTOR, U.L. LISTED CLASS "P", AND THERMALLY PROTECTED. FIXTURE SHALL HAVE A PRIMARY INPUT VOLTAGE AS SHOWN ON THE ELECTRICAL PLANS AND SCHEDULES.

62. LAMPS: ALL FIXTURES SHALL BE SUPPLIED WITH LAMPS OF PROPER SIZE AND TYPE.

INCANDESCENT LAMPS SHALL BE NEW, RATED FOR 130 VOLTS, 60 CYCLES, AC OPERATION AND SHALL BE GENERAL SERVICE INSIDE FROSTED UNLESS SPECIFICALLY NOTED OTHERWISE.

FLUORESCENT LAMPS SHALL BE RAPID START ENERGY SAVING TYPE, GENERAL ELECTRIC WATT-MISER OR EQUAL BY SYLVANIA OR PHILIPS UNLESS NOTED OTHERWISE.

FIXTURES WITH DIMMING BALLASTS SHALL USE STANDARD 40 WATT NON-ENERGY SAVING TYPE RAPID START LAMPS BY GE, SYLVANIA OR PHILIPS.

WHERE LIGHTING FIXTURES REQUIRE THE USE OF ACRYLIC PLASTIC LENSES, THEY SHALL BE 100 PERCENT VRGIN ACRYLIC THERMOPLASTIC NOT LESS THAN 0.125 NOHES THICK WITH AN UNPENETRATED DEPTH OF NOT LESS THAN 0.049 INCHES EQUAL TO KSH-K12 UNLESS NOTED

- OTHERWISE.

 (A. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT. BE STARTED UNTO DEFAULD FLANS, SPECIFICATIONS AND ENGINEERING CACILLATIONS HAVE BEEN ACCULEATIONS. SHALL BEEN CACILLATIONS HAVE BEEN ACCUPIED AND SIGNOD BY THE ADDITION OF CONTROL CHARGE OF DESIGN AND THE SIGNATURE OF THE ACCURITECT OR PROFESSIONAL PROMINER WHO HAS BEEN DELECATED RESPONSIBILITY OWNERING THE WORK SHOWN ON A FARTICULAR PLAN OR SPECIFICATION, AND APPROVED BY OSHIO. THE RE ALARM SYSTEM INDICATED IN THESE DORWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. HE CONTROLOT SHALL SUBMIT FREE ALARM SYSTEM SHAPE DEPARTMENT OF THE ALARM SYSTEM SHAPE DEPARTMENT OF THE PRAYMING AND STARTED WHO PER ARMINS TO GAIN OF OR APPROVED HERD REPORT OF INSTALLATION. SYSTEM SHALL MEET THE REQUIREMENTS OF THE BRANKING AND SPECIFICATIONS.

- CONTRACTOR SHALL ROUTE ALL CONDUIT IN A NEAT AND ORGANIZED MANNER TO MANTAN ASSISTED APPLIED OF THE CEILING, ALL ROUTING MALINER BY THE SHALL ROUTING AND ASSISTED ASSISTE
- COUGNIALE EACH COUR WITH ARCHITECT PHOUR TO PARAMITED. INTERNALLY LLUMBATED. INTERNALLY LLUMBATED EAT SIGNS SHALL BE USETED AND LABELED IN ACCORDANCE WITH LESS AND SHALL BE INSTITUTE PERCORDANCE WITH THE LAWARCHORES. AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY WITH THE GRAPHICS AND POWER SOURCE REQUIRED WITH IN SCIONIS INITIAL SHAPE PROPERTY. WHEN THE FACE OF AN EXIST SCIONIS LLUMBATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOT CANDED.
- 70. ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1FOOT CANDLE AT THE WALKING SURFACE LEVEL.
- 71. THE POWER SUPPLY FOR MEANS OF ECREES ILLIMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY. IN THE EVENT OF POWER FAILURE, ILLIMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN ELECENCY SYSTEM FOR THE FOLLOWING AREAS: AREAS AND UNENLOSED ECRESS STARWAYS IN ROOMS AND SHACES THAT REQUIRE TWO ON MORE MEANS OF ECRESS. CORREDORS, LOWER OF BELCOSURES, AND ENT PASSAGEMENTS IN BUILDINGS REQUIRED TO HAVE TWO OF BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS OF SOME BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS, INTERIOR ENT INSCHARGE ELEMENTS AS PERMITTED IN HAVE TWO OR MORE EXITS, INTERIOR ENT INSCHARGE ELEMENTS AS PERMITTED IN SECTION 1002.11 BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS, INTERIOR ENT INSCHARGE ELEMENTS AS PERMITTED IN SECTION 1002.11 BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS, EXTEROR LANGUAGE, AS REQUIRED BY SECTION 1002.16, FOR DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS, EXTEROR LANGUAGES THE SECTION 1002.16, FOR DISCHARGE DOORWAYS IN
- 72. THE ENT SING SHALL ASD BE CONNECTED TO AN EMBENSIVE ELEGISCAL STEEM MERION IS OF ROMOGE CONTRIBED LILLIAMMING FOR A DISARKHOOM OF NOT LESS THAN 1-1/2 IR IN CASE OF PRIMARY POWER LOSS. CONTINUED LILLIAMMATION IS TO BE PROVIDED FINAL STRONG STRITTERS, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMBERGINY POWER SYSTEM SHALL BE INSTALLE IN ACCORDANCE WITH CHAPTER 27 (LOGIS.)
- 73. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AKERAGE OF 1-FOOT CANDEL (ITLUX) AND A MANIMUM AT ANY POINT OF CIPTOD-CANDLE (LIQUA MASSIRED ALAGNO THE PATH OF EGREES AT FLOOR LEVEL. A MAX. TO MAIN LILLIMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED, (LOOK)

APPLICABLE CODES SHEET INDEX BUILDING OCCUPANCY CLASSIFICATION ELECTRICAL COVER SHEET E0.2 SYMBOL LIST, ABBREVIATIONS AND DETAILS 2016 CALIFORNIA BUILDING CODE (CBC) E0.3 SINGLE LINE DIAGRAM AND PANEL SCHEDULES E0.4 INDOOR T-24 CALCULATIONS 2016 CALIFORNIA ELECTRICAL CODE (CEC) E0.5 INDOOR T-24 CALCULATIONS 2016 CALIFORNIA MECHANICAL CODE (CMC) E2.1 ELECTRICAL DEMOLITION PLAN 2016 CALIFORNIA PLUMBING CODE (CPC) 2016 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. E3.2 RENOVATION POWER PLAN E4.1 RENOVATION ROOF PLAN

FIRE ALARM PERMIT NOTE

CONTRACTOR SHALL PROVIDE AS PART OF FIRE ALARM SYSTEM:

CONSTRUCTION DOCUMENT AND SHOP DRAWNINGS.

SUBMIT AND SECURE FIRE MARSHALL APPROVIAL.

FIELD TO VERRY EXISTING FIRE ALARM DEVICES. ADD AND/OR RELOCATE EXISTING DEVICES TO COMPLY TO NEW SPACE.

Westfield CULVER CITY

6000 Sepulveda Blvd, Culver City, CA 90230 (310) 390-5073

ESTFIELD DESIGN & CONSTRUCTI

2049 Century Park East, 41th Floor, Century City, California 90067-3101 Telephone 310 478 4 Facsimile 310 478 4 310 478 4456 310 478 4468

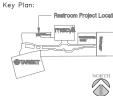
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pprovals/Phase:

NEW RESTROOM PROIECT APRIL 2017



No. By Date Revision ∧ VH 7.14.17 SD C−001 △ VH 9.08.17 CD C-003

Sheet Title **ELECTRICAL COVER SHEET**

H2S Engineers Inc. Mechanical and Electrical Engineers

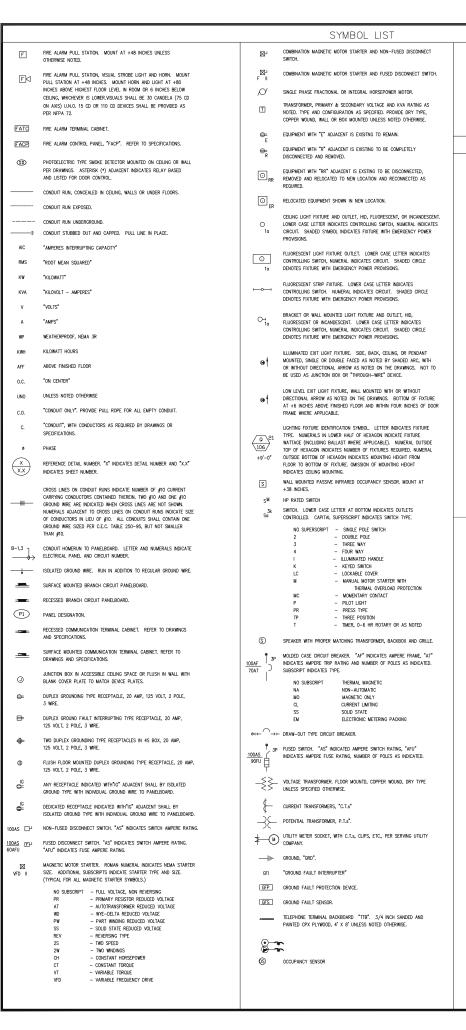
E-mail: mverma@h2sengineers.com Ph: (714) 290 0718

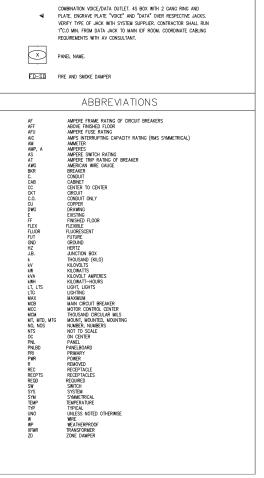
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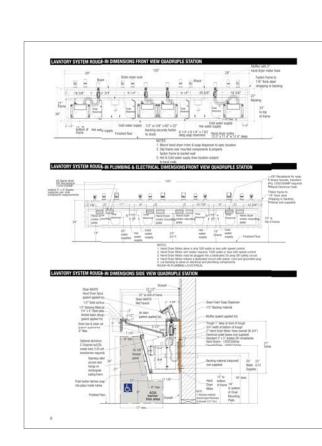
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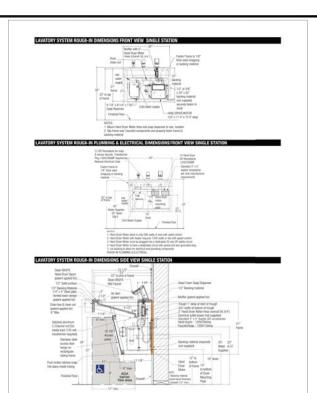
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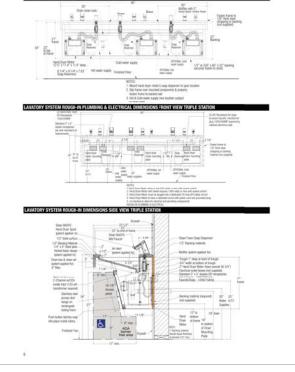
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Approvals/Phase:

NEW RESTROOM PROJECT APRIL 2017



No. By Date Revision
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Sheet Title

DETAILS

Job No.

SYMBOL LIST

ABBREVIATIONS

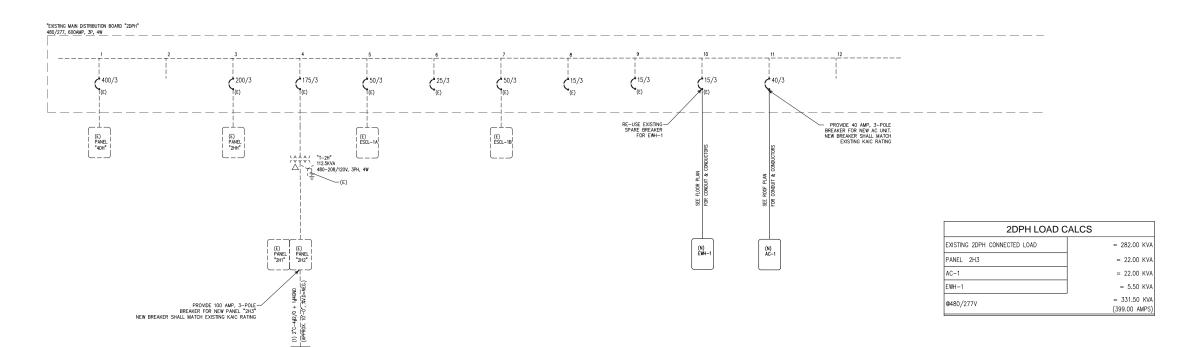
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NONE

H2S Engineers Inc.

Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com Ph: (714) 290 0718



	MOUNTING: SURFACE				E>	(151	IN	G F				-							ELECTRICAL RM	
	VOLTAGE: 120/208V,3Ø,4W								10	,00	IO AI	cs	YM			400 Al	MP BUS		MAIN LUGS ONLY	
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	MOUNTING: SURFACE				E	XIS	IT	NO	i P	AN				٠.						ELECTRICAL ROOM	
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SINGLE LINE DIAGRAM

MOUNTING: SURFACE VOLTAGE: 120/208V,3Ø,4W				E	KIS	TI	N	G P		NE						100 AI	LOC MP BU		MAIN LUGS ONLY	
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	MOUNTING: SURFACE				N	E٧	/P	A	٧E	L- 2	2H3						LOC	ATION:	ELECTRICAL RM	
	VOLTAGE: 120/208V,3Ø,4W									10,0	00 A	cs	ΥM			100 AM	AP BUS	S	MAIN LUGS ONLY	
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H2S Engineers Inc. Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com Ph: (714) 290 0718

CULVER CITY

VESTFIELD DESIGN & CONSTRUCTION

2049 Century Park East, 41th Floor, Century City, California 90067—3101 Telephone 310 478 4456 Facsimile 310 478 4468

THIS DRAWING IS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF THE ARCHTECT AND MAY NOT BE REPRODUCED WITHOUT THE ARCHTECT'S PARKET, ALL THE ARCHTECT'S PROBLEM AND THEN PROMINING SYMME OF THE SPECIAL PROPERTY OF THE ARCHTECT OF THE SPECIAL PROPERTY OF THE ARCHTECT OF THE ARCHTECT OF THE SPECIAL PROPERTY OF THE ARCHTECT OF THE ARCHTECT



NEW RESTROOM PROJECT APRIL 2017



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Sheet Title SINGLE LINE DIAGRAM AND PANEL SCHEDULES

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	INDOOR LIGHTING	INDOOR LIGHTING
NECC-LT-16-EPH-Med-04-15 CALFORNA ENERGY COMMISSION TITLIFICATE OF COMPLIANCE NECC-LT-01-E 00-Yughting (Page 1-01-0) 10-yes 1-01-0)	CELEMECT IN ELEMENTON CALFORNAEMENTO COMMISSION CERTIFICATE OF COMPLIANCE NRCC-II 0.1-E Indeed Lighting (**page of of)	CEL-MICO_LT-01-E_Member 04/15 CERTIFICATE OF COMPILANCE Indexor Lighting (Pag
ACT Name: CULVER CITY RESTROOM Date Propertie: 8/13/2017	Project Name: CULVER CITY RESTROOM Outer Proposed: 8/13/2017	Project Name: CULVER CITY RESTROOM Date Prepared: 8/13/2017
eneral information	C. Summary of Allowed Lighting Power	
ate Zone: Conditioned Floor Area: 1,609 8 Unconditioned Floor Area: 0	Conditioned and Unconditioned Space Lighting must not be combined for compilance Indoor Lighting Power for Conditioned Spaces Indoor Lighting Power for Unconditioned Spaces	E. Declaration of Required Certificates of Acceptance Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)
ing Type: Nonresidential High-Rise Residential Hotel/Motel	Watts Watts	YES NO Compliance Document/Title
hools Relocatable Public Schools Conditioned Spaces Unconditioned Spaces of Construction: New Construction Conditioned Spaces	01 NRCC-LTI-01-E, Table H, page 5 + E-U39 NRCC-LTI-01-E, Table H, page 5 + V	☑ NRCN-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls. ☐ Field Inspector ☐ NRCN-LTI-03-A - Must be submitted for automatic daylight controls. ☐ Field Inspector
d of Compliance:	NRCC-LTI-01-E, Table G, page 4	NRC4-LTF-04-A - Must be submitted for automatic dayight controls.
t Address: 6000 SEFULVEDA BLVD.	NRCCLTLO2E page 2 NRCCLTLO2E page 2	□ NRC4-LTI-O5-A – Must be submitted for institutional tuning power adjustment factor (PAF). □ Field Inspector
ting Compliance Documents (select yes for each document included)	o4 Adjusted Installed Lighting Power 2,066 Adjusted Installed Lighting Power 0 (row 1 plus row 2 minus row 3) 2,066 (row 1 minus row 3) 0 (row	A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:
ailed instructions on the use of alis and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission. ES NO COMP. DOC. TITLE	Allowed Lighting Power Allowed Lighting Power	☐ CONDITIONED SPACE ☐ UNCONDITIONED SPACE
NRCC-LTI-03-E Certificate of Compliance. All Pages required on plans for all submittals. NRCC-LTI-02-E Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.	Conditioned NRCC-LTI-03-E, page 1 Unconditioned NRCC-LTI-03-E, page 1 05	F. Indoor Lighting Schedule and Field Inspection Energy Checklist
□ NRCC-LTI-03-E Indoor Lighting Power Allowance	Afterations with replacement furnisaires that have at least Afterations with replacement furnisaires that have at least 50/35% solver power compared to the original existing furnisaires, lower power compared to the original existing furnisaires, may may intend use the allowed wattage from NRC-C1106, page 2 instead use the allowed wattage from NRC-C1106, page 2	☐ The actual indoor lighting power listed on the next 2 pages includes all initialled permanent and planned portable lighting systems. ☐ When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.
NRCC-LTI-04-E Tailored Method Worksheets NRCC-LTI-05-E Line Voltage Track Lighting Worksheets		□ When Area Category Nethod o: Tailored Method is used for compliance, ist 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 document (NRCC-LTI-05-€) when line-voltage track lighting is installed.
□ NRCC-LTI-06-E Indoor Lighting Existing Conditions	D. Declaration of Required Certificates of installation Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)	
	YES NO Compliance Document/Title	
	■ NRCI-17-01-4 - Must be submitted for all buildings ■ Field Inspector NRCI_17-02-4 - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS). ■ Field Inspector	
	to be recognited for compliance.	
	overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance,	
	NRCI-LTI-04-f - 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.	
	□ NRCI-LTI-05-f - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance. □ Field Inspector	
	□ □ NRCI-tTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance. □ Field Inspector	
ng Energy Efficiency Xxindards - 2016 Nonresidential Compliance April 2016	CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016	CA Building Energy Efficiency standards - 2016 Nonresidential Compliance
PR LIGHTING	STATE OF CASTORINA INDOOR LIGHTING	STATE OF CALIFORNIA INDOOR LIGHTING
CATHOR E (Marriad GATH) CATHORNE OF COMPLIANCE NRCC-LTI-01-E NRCC-LTI-01-E	CECHRICALTI-01 E (Revined 04/14) CERTIFICATE OF COMPLIANCE NRCC-LTI-01-E	CECHRICG (TI-01) E (Permed 0416) CALFORNIA ENERGY COMMISSIO CERTIFICATE OF COMPLIANCE NRCC
Page 4 of 6 CULVER CITY RESTROOM Gute Prepared: 8/13/2017	Indoor Lighting	Indoor Lighting (Page Project Name: CULLVER CITY RESTROOM (Date Project 8)15/2017
ed Portable Lumit-Nires in Offices – Exception to Section 140.6(a) section shall be filled out OVLY for portable luminaires in offices (As defined in \$100.1). All other planned portable luminaires shall be documented on next page of	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	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. Torrify that this Certificite of Compliance documentation is accurate and complete. Documentation Author Inc. Disconnectivities Author Services Disconnectivities Author Services Disconnectivities Author Segment Disconnectivi
compliance document.	H. Indoor Lighting Schedule and Field Inspection Energy Checklist	Documentation Author Separate MoNITA VERMA Company: H2\$ Engineers Inc. Separate Date: 8/13/2017
ection is used to determine if greater than 0.3 watts of portable lighting is planned for any office at a separate line (or each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance	Luminaire Schedule Installed Watts Location Field Inspector ⁶	Address: 1124 n BOATSWAIN CIRCLE (SIA Certifuction thereforation (if applicable) E19879
not be traded between offices having different lighting systems. e Portable Luminaire Scheğule Office Installed Portable Luminaire W/lt ² Office Location Field Inspector	01 92 03 04 05 06 07 06 How waitings was 9	CRy/Trade/Co ANAHEIM, CA 92801 Profes 2038851898
1 2 3 4 5 6 7 8 9 10	Name or Complete Luminaire Description 2 2 2 2 Primary Function area in which	RESPONSIBLE PERSON'S DEC.ARATION STATEMENT I certify the following under yenalty of perjury, under the laws of the State of California:
installed Watts 0.3 enter	Rem Tag 13 lamp fluorescent troffer, 13 lamp fluorescent troffer, 14 lamp fluorescent troffer, 14 lamp fluorescent troffer, 15 lamp fluorescent	 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
Compete Luminaire Description Watts per 2	20 D D D D D D D D D D D D D D D D D D D	(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 Title 24, Part 1 and Part 6 of the California Code of Regulations.
direct/indirect) 2 3 office & 6 6 6 1 Imministres are installed	LT1 LED LIGHT 20W 20.0 Ø □ 44 880 Corridor/Restroom/Support □ □ LT1b LED LIGHT 20W 20.0 Ø □ 24 480 Corridor/Restroom/Support □ □	Comparance controm to the requirements or title 2x, year 1 and year to of the Customas code of Regulations. 4. The building design features of 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 apency for approval with this building permit application.
(606-0.3)	LT2 LED LIGHT 12W 12.0 □ □ 16 192 Corridor/Restroom/Support □ □ LT2b LED LIGHT 12W 12.0 □ □ 22 264 Corridor/Restroom/Support □ □	 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 justicing, and made available to the enforcement apency for all applicable inspections. Lundershand that a completed signed copy of this Certificate of Compliance is required to the Circled with the documentation.
0 0	LT3 40w Incandescent 40.0 \square 8 6 240 Corridor/Restroom/Support \square \square	builder provides to the full-ding owner at occupancy. Responsible Designer Name: Monda Verma Responsible Designer Symptoms Responsible Designer Symptoms Monda Verma
0 0		Company: H2S Engineers Inc Data Spread: 08/14/17
Total installed portable luminaire watts that are greater than 0.3 W/ft ² per office: Enter sum total of all pages into		Address 1124 N Boatswain Circle Icense E19876
NRCC-LTI-01-E: Page 1		Childrent/Zo: Anaheim, CA 92801 Phone 2036851698
MICCLITOTE; Page 1	INSTALLED WATTS PAGE TOTAL: 2,056 Enter sum total of all pages into NRCC_LTLOLE; Pages 2	
MMCCLITULE; rage 2		
ing Energy (Miciency Xandards - 2016 Nonresidential Compliance April 2016		CA Building Energy Efficiency Mandards-2016 Nonresidential Compliance
ing Energy Efficiency (kandards - 2016 Novresidential Compliance April 2016 April 2016 April 2016 A LIGHTING – LIGHTING CONTROLS CALFORNA ENERGY COMMISSION	CA Building Energy Efficiency Mandards - 2016 Nonresidential Compliance April 2016 STATE OF CAUTORINA INDOOR LIGHTING — LIGHTING CONTROLS OCK-ROCK-CLATOR & Primed 0719 CALFORNAL INVERSE OF A PRIMED OF CAMPASSONI CALFORNAL INVERSE OF CAMPASSONI	STATE OF CALFORNIA INDOOR LIGHTING - LIGHTING CONTROLS GCARRECT THE EPIPMENT STATE CALFORNIA ENTROLY COMMISSION
Efforcy Efficiency Randards 2016 Nonresidential Compliance April 2016 LUCIONIA LUCI	CA Building Energy Efficiency Vandards - 2016 Nonresidential Compliance April 2016 STATE OF CAUTORIES INDOOR LIGHTING — LIGHTING CONTROLS GENERAL TO FORMALISM THE CONTROLS GENERAL THE CONTROLS GEN	STATE OF CALIFORNIA NOO'RE LIGHTING - LIGHTING CONTROLS GEORGECH Single Remember 1918 EXEMPLICATE OF COMPUNICE Indeed Updaying Lighting Controls (Property Compunity Compu
g Energy (Miciency Xandards - 2016 Nonresidential Compliance April 2016 April 2016 RUGORIA R LIGHTING — LIGHTING CONTROLS Table (Rement Of Controls) TE OF COMPLIANCE NECC-110-26 Proper Septime Controls (Page 1 of 5)	CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016 STATE OF CAUPORNA INDOOR LIGHTING - LIGHTING CONTROLS GCA-MICCATING & Binness Of the Control of th	STATE OF CALFORNIA INDOOR LIGHTING - LIGHTING CONTROLS GCC-ROCAT-DOC girmled 01191 CERTIFICATE OF COMPANANCE NRCC
TENERY Efficiency Standards - 2016 Nonresidential Compliance April 2016 Extremus Ex	CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016 STATE OF CALFORNAE INDOOR LIGHTING - LIGHTING CONTROLS GENERAL TABLE Filtering Standards - 2016 Nonresidential Compliance April 2016 CALFORNAE INDOOR LIGHTING - LIGHTING CONTROLS GENERAL TABLE Filtering CONTROLS (Page 2 of 5) Tempitate CULTURE CONTROLS Tempitate CULTURE CONTROLS (Page 2 of 5) Assparate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:	BIAN OF CALFORNIA NOOR LIGHTING - LIGHTING CONTROLS GCARCOL NIGE Remark 1910 CERTIFICATE OF COMPLIANCE Indees Update Lighting Controls Remarker DOCUMENTATION AUTHORY DECLARATIONS TATEMENT DOCUMENTATION AUTHORY DECLARATIONS DOCUMENTATION AUTHORY DECLARATIONS DOCUMENTATION AUTHORY DECLARATIONS L I CERTIFICATE OF Compliance documentation is accurate and complete.
g Energy Efficiency Zandards - 2016 Nonresidential Compliance April 2016 R. LIGHTING — LIGHTING CONTROLS CLI FORMA ENERGY COMMISSION AND CLITT-02-4 Pring Captured Units CHARGE CLITT-02-5 CHARGE CLITT-02-6 CHARGE CL	CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016 STATE OF CALFORNAE INDOOR LIGHTING - LIGHTING CONTROLS GENERAL TABLE STATE OF SHAME STATE CERTIFICATE OF COMPLIANCE Indoor Lighting Edward STATE CERTIFICATE OF COMPLIANCE Indoor Lighting Edward STATE (Page 2 of 5) Testimate CULPER CTY RESTROOM A separate document must be filled out for Conditioned and Unconditioned Soaces. This page is used only for the following: CONDITIONED SPACES UNCONDITIONED SPACES	STATE OF CALFORNIA INDOOR LIGHTING - LIGHTING CONTROLS GEL-MICCL 1-10.8 (I primed CTYS) Indexer Lighting - Lighting Controls (Primetures CULL VER CTY PRESTROOM DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. Lertify that this Certificate of Compliance documentation in accurate and complete. Documentation Author Nature Mountain Author Statement Documentation Author Nature Mountain Author Statement Documentation Author Statement Opens Compliance Statement Documentation Author Statement Doc
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WESTFIELD DESIGN & CONSTRUCTIO

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NEW RESTROOM PROJECT **APRIL 2017**



No.	Ву	Date	Revision
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Sheet Title

INDOOR T-24 CALCULATIONS

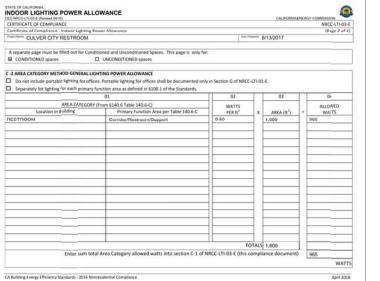
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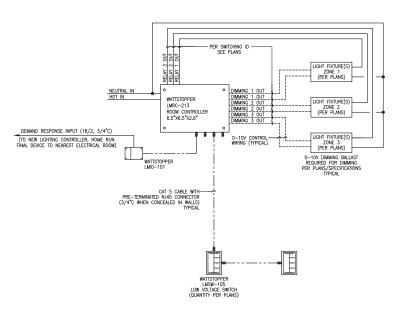
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INDOOR LIGHTING POWER ALLOWANCE

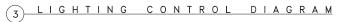
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CULVER CITY	RESTROC	MC			Data Proposed: 8/13/2017		
A separate page must be			nd Unconditione	d Spaces. This page is only for:			
				DWANCE (from Table 140.6-C Footnotes)			
01	02	03 7	04	05		06	07
Primary Function	Sq Ft or Linear ft	Additional Watts Allowed	Wattage Allowance (02 x 03)	Description(s) and Quantity of Luminaire Types in each Primary Fu		Total Design Watts 1	ALLOWED WATTS Smaller of Q4 or Q5
Corridor/Restroom/Su	1,609	0.5	805	(6) 40w Incandescent		696	696
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Corridor/Restroom/Su	1,609	0.3	483	(24) LED LIGHT 20W		480	480
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				k board. All other additional Area Category allo			
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				oard or chalk board; Accent, display and feature	e lighting; and Videocon	ferencing stud	dio lighting
 Luminaire classification 	and wattage	e shall be deterr	mined in accorda	nce with §130.0(c) of the Standards.			
CA Building Energy Efficiency	Standards - 20	016 Nonresidentia	ol Compliance				April 20



NOTE: REFER TO ALL MANUFACTURERS INSTALLATION INSTRUCTIONS FOR CORRECT WRING INFORMATION, THIS DIAGRAM INDICATES FUNCTIONAL INTENT, PROVIDE ALL PARTS AND ACCESSORES PER MANUFACTURER FOR A COMPLETE INSTALLATION, LOCATE OCCUPANCY SENSORS AND DAY LIGHT SENSORS PER MANUFACTURERS RECOMMENDATIONS. NOT ALL DEVICES SHOWN IN THIS DETAIL MAY BE USED, REFER TO THE FLOOR PLANS FOR DEVICES USED/AND QUANTITY.





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6000 Sepulveda Blvd, Culver City, CA 90230 (310) 390-5073

WESTFIELD DESIGN & CONSTRUCTION

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NEW RESTROOM PROJECT APRIL 2017



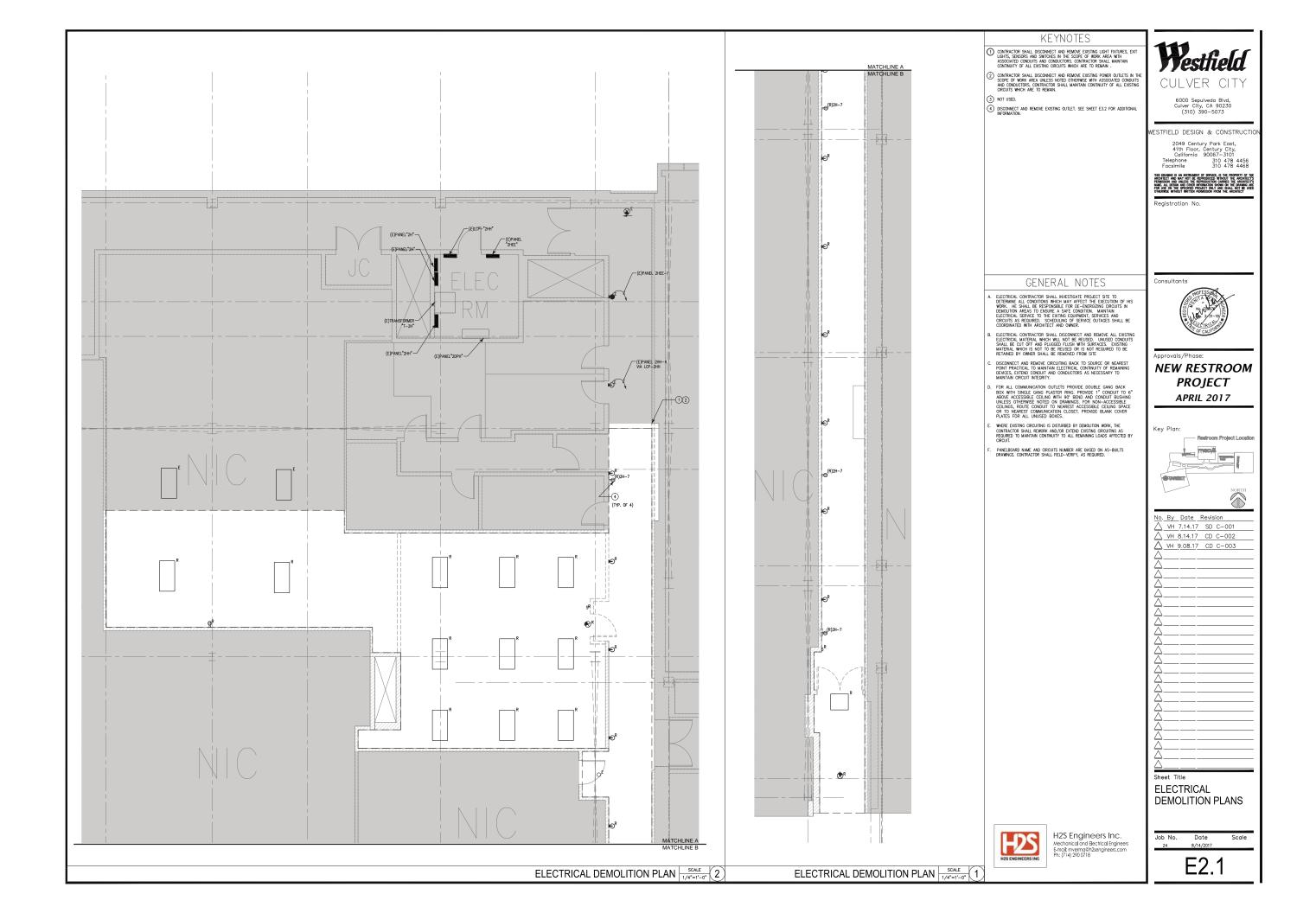
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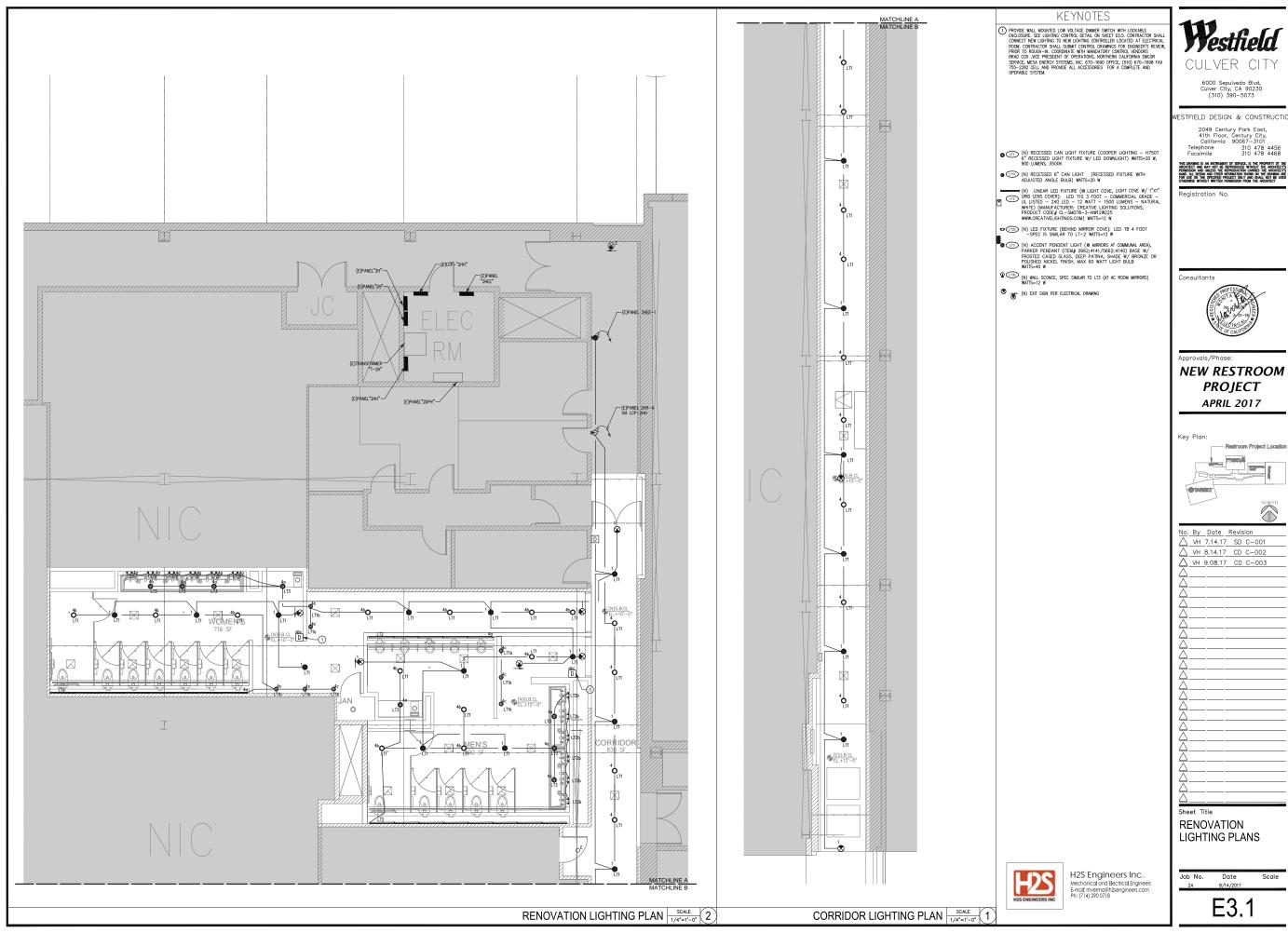
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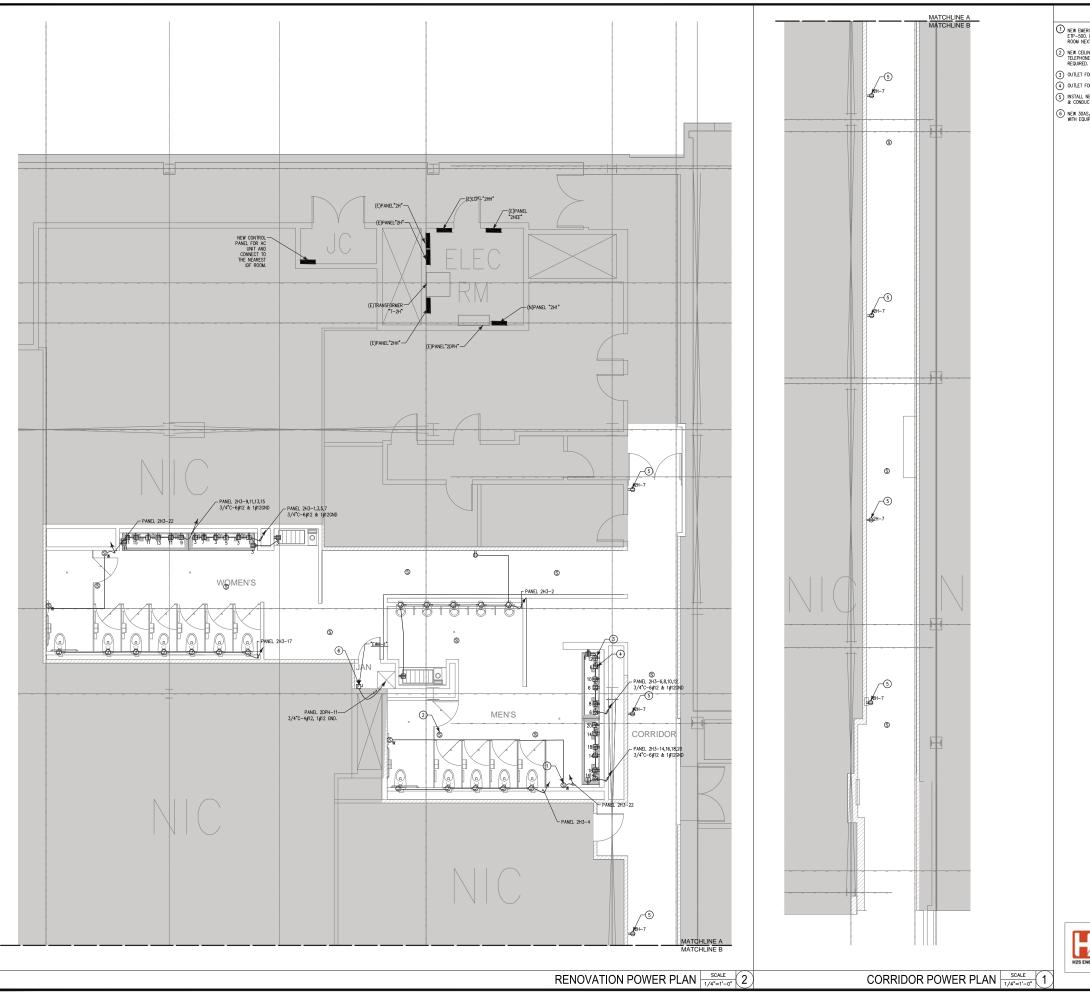
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T-24 CALCULATIONS

E0.5







KEYNOTES

- (5) INSTALL NEW OUTLET ON THE NEW WALL. RUN AND CONNECT NEW CONDUIT & CONDUCTORS, AS REQUIRED.
- 6 NEW 30AS/20AF, 480V DISCONNECT SWITCH FOR WATER HEATER. VERIFY WITH EQUIPMENT NAMEPLATE.





NEW RESTROOM PROJECT APRIL 2017



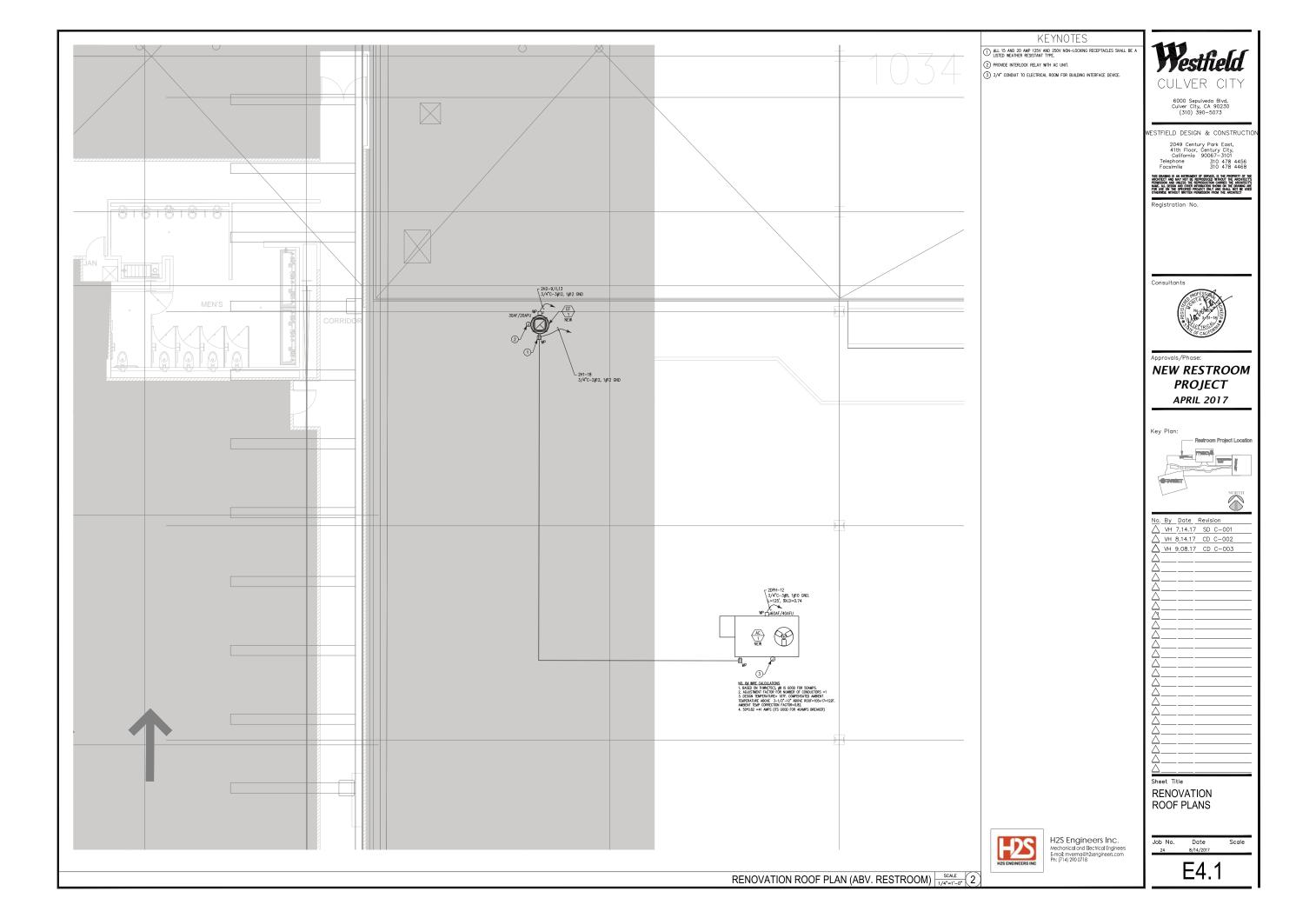


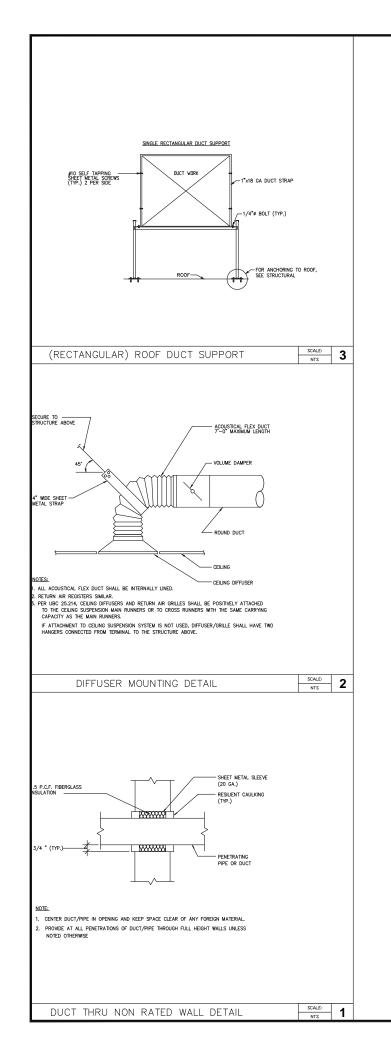
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Sheet Title RENOVATION POWER PLANS

H2S Engineers Inc. Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com Ph: (714) 290 0718

E3.2





FIELD INSPECT THE PROJECT TO BE FULLY INFORMED AS TO THE SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO STARTING OF WORK. VERIFY ALL EXISTING DUCTMORK, PPRIOR, ELEVATIONS, SIZES AND POINT OF CONNECTIONS PRIOR TO START OF WORK. NOT ALL CONDITIONS INDICATED ON PLANS.

GENERAL NOTES

- 2. ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF REQUILATIONS, PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF PRIMOMENTIALS, OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE MORRABLE INSTALLATION.
- . WRAP CONCEALED DUCTS WITH MINIMALM I INCH THICK FIBERSLASS DUCTWRAP (ALL SUPPLY DUCT TO HAKE WAPOR BARRIER), ALL NEW SUPPLY AND RETURN DUCT SUSLAININ WITHIN THE BUILDING TO NAKE MINIMAL OR OR-VALUE. RISTALL DOUBLE WALL DUCTS FOR ALL EXPOSED OUTDOOR SUPPLY AND RETURN DUCTS WITH AT LEASTS OR PULLER INSLAINION.
- INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDINGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND SMOKE DEVELOPED RATING OF NOT UNDER THAN 50 WHEN TESTED AS A COMPOSTE INSTILLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.
- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 CALIFORNIA MECHANICAL CODE (C.M.C.), 2010 CALIFORNIA BUILDING CODE (C.B.C.) AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- INSTALLATION SHALL BE COMPLIANT WITH 2010 CBC SECTION 425, APPLICABLE NFPA CODE SECTIONS AND SECTION 1632A AND CHAPTER 35 OF 2010 CBC.
- 8. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
- AIR LEAKAGE TESTING SHALL BE PERFORMED BY SMACNA HVAC DUCT LEAKAGE TEST MANUAL.
- 12. THE TOTAL SYSTEM AIR BALANCE SHALL BE PERFORMED BY AN INDEPENDENT AGENCY CERTIFIED BY THE AABC OR NEBB. THIS WORK SHALL CONFORM TO AABC OR NEBB SPECIFICATIONS AS REFERRED TO IN THE NATIONAL STANDARDS.
- ALL PIPING AND DUCT WORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 118, 123, 124, E.E.S. AND TABLE 6D OF 2010 CMC.
- 14. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE. THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TREASS AND INSTALL IN SUCH A MAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREDIENTS OF CONTRACT DOCUMENTS AND SEPECIPACINOS AS PART OF THE BEST.
- 15. AUTOMATIC SHUTOFFS:

NOTE: FOR THE PURPOSE OF CLEANNESS AND LEGBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMANT AND ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT IS SORAIN TO SCALE WHEREVER POSSIBLE, THE CONTRACTOR SHALL BANE LISE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERBY THIS INFORMATION BEFORE ORDERNO, FAMILATION FOR INTENTIAL TO CONTRACT AND VERBY THIS INFORMATION BEFORE ORDERNO, FAMILATION FOR INTENTIAL TO THE CONTRACT OF THE CONTRACT

APPLICABLE CODES

2016 CALIFORNIA BUILDING CODE (CBC)

2016 CALIFORNIA MECHANICAL CODE (CMC)

2016 CALIFORNIA PLUMBING CODE (CPC) 2016 CALIFORNIA ENERGY STANDARDS CODE (CESC)

ı	MECH	HANICAL LEGEND
SYMBOL	ABBV.	DESCRIPTION
]\$	sws	SIDEWALL DIFFUSER - SUPPLY
\boxtimes	CD	CEILING DIFFUSER - SUPPLY
	CD	CEILING DIFFUSER BELOW DUCT - SUPPLY
	SAD	RISER - SUPPLY AIR DUCT
\boxtimes	SAD	DROP - SUPPLY AIR DUCT
\boxtimes	SAD	ROUND DROP - SUPPLY AIR DUCT
]**-	SWR	SIDEWALL REGISTER - RETURN
	CR	CEILING REGISTER - RETURN
123	CR	CEILING REGISTER BELOW DUCT - RETURN
	RAD	RISER - RETURN AIR DUCT
	RAD	DROP - RETURN AIR DUCT
]+	SWE	SIDEWALL REGISTER - EXHAUST
	CR	CEILING REGISTER - EXHAUST
<u> </u>	CD	CEILING DIFFUSER BELOW DUCT - EXHAUST
	EAD	RISER - EXHAUST AIR DUCT
	EAD	DROP - EXHAUST AIR DUCT
	L.	LINED DUCTWORK
	VD	VOLUME DAMPER
	FC	FLEXIBLE CONNECTION
		NEW DUCT
		EXISTING DUCT - NEW PLAN
		EXISTING DUCT - DEMOLITION PLAN
\$\$\frac{1}{2}\$		EXISTING MECHANICAL WORK TO BE REMOVED
⊳ —	CFD	CEILING FIRE DAMPER
1* UC 11 ➤	UC	UNDER CUT DOOR
•	TSTAT	THERMOSTAT
•	POC	POINT OF CONNECTION
•	POD	POINT OF DEMOLITION
	OSA	OUTSIDE AIR
	UTR	UP THRU ROOF
	CSFD	COMBINATION SMOKE/FIRE DAMPER
	N.T.S.	NOT TO SCALE

SHEET INDEX

MO.1 GENERAL NOTES, LEGENDS AND SCHEDULES

M0.3 T-24 CALCULATIONS M2.1 DEMOLITION PLANS

M3.1 RENOVATION PLANS

M4.1 RENOVATION ROOF PLAN

DESCRIPTION

SHT.NO.

6000 Sepulveda Blvd, Culver City, CA 90230 (310) 390-5073

ESTFIELD DESIGN & CONSTRUCTI

2049 Century Park East, 41th Floor, Century City, California 90067-3101 Telephone 310 478 4 Facsimile 310 478 4 310 478 4456 310 478 4468





NEW RESTROOM PROJECT APRIL 2017



No.	Ву	Date	Revis	ion
\triangle	VH	7.14.17	SD	C-001
$\overline{\Delta}$	VH	8.14.17	CD	C-002
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Sheet Title GENERAL NOTES, LEGEND, AND SCHEDULES

Job No. Date Scale

H2S Engineers Inc. Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com Ph: (714) 290 0718

				EXHAU	IST FAN SCHI	EDULE			
TAG	MANUFACTURER	SERVING	CFM	ESP (W.G)	FAN RPM	POWER (HP)	SUPPLY VOLTAGE	WEIGHT LBS	NOTES
EF-1	GREENHECK CUE-141-VG	RESTROOM	2500	0.75	1637	0.75	208/3/60		1. FAN TO RUN CONTINUOUSLY DURING OCCUPIED HOURS. 2. PROVIDE WITH FACTORY CURB AND BACK DRAFT DAMPER.

								ROOF	TOP HEAT P	JMP							
TAG	MANUFACTURER	SERVING	SUPPLY AIR CFM	RETURN AIR (BYPASS AIR)	MINIMUM OUTSIDE AIR CFM	ESP (W.G)	COOLING CAPACITY	HEATING CAPACITY	ENTERING AIR CONDITION DB/WB	SUMMER LEAVING AIR CONDITION DB/WB	WINTER LEAVING AIR CONDITION DB	EER	HSPF	FLA	SUPPLY VOLTAGE	WEIGHT LBS	NOTES
AC-1	TRANE WSC120E	RESTROOM AND CORRIDOR	3600	1100	2500	1.0*	12 TONS	120 MBH	95/70	55/55	95	11.2	8.3	26.1	480/3/60	1,300	12345678

- ① INTERLOCK WITH EF-1 ② PROVIDE 14* UNIT CURB ③ FACTORY START UP ④ UNIT SHALL HAVE LOW ENTERING AIR CONTING. SET AT 655 TO SHALT DOWN COOLING IF EAT FALLS BELOW SET POINT TO SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SET AT 25.00 CFM. PROVIDE WITH FAULT OF SHALL HAVE LOW ENTERING AIR CONTING. SHALL HAVE LOW ENTERING PROVIDE WITH BACNET INTERFACE DEVICE FOR NEW UNIT TO INTEGRATE WITH EXISTING BUILDING CONTROL. FIELD VERIFY EXACT REQUIREMENTS AND COORDINATE WITH ELECTRICAL AND OWNER.
- AC-1 SEQUENCE OF OPERATION:

EXHAUST GRILLE—
TITUS "350 RL" OR
APPROVED FOLIAL

AS PER
DRAWINGS

AIR DISTRIBUTION SCHEDULE

6" 60-160 40 - 4-WAY THROW, UNLESS NOTED ON OTHERWISE ON PLANS.

8* 110-210 40 - 4-WAY THROW, UNLESS NOTED ON OTHERWISE ON PLANS.

10* 180–400 40 - 4–WAY THROW, UNLESS NOTED ON OTHERWISE ON PLANS.

12* 400-600 40 - 4-WAY THROW, UNLESS NOTED ON OTHERWISE ON PLANS.

MODULE NECK CFM SIZE SIZE RANGE NC

- CC-1 SCOLENCE OF OPERATIONS:

 CHAIR SHALL TURN ON SUPPLY FAN WHEN EF-1 IS TURNED ON.

 LUNT SHALL TURN ON COOLING WHEN THERE IS CALL FOR COOLING FROM THERMOSTAT.

 LUNT SHALL TURN OF COOLING E PIXTERING COLL TEMPERATURE FALLS BELOW 65 DECY.

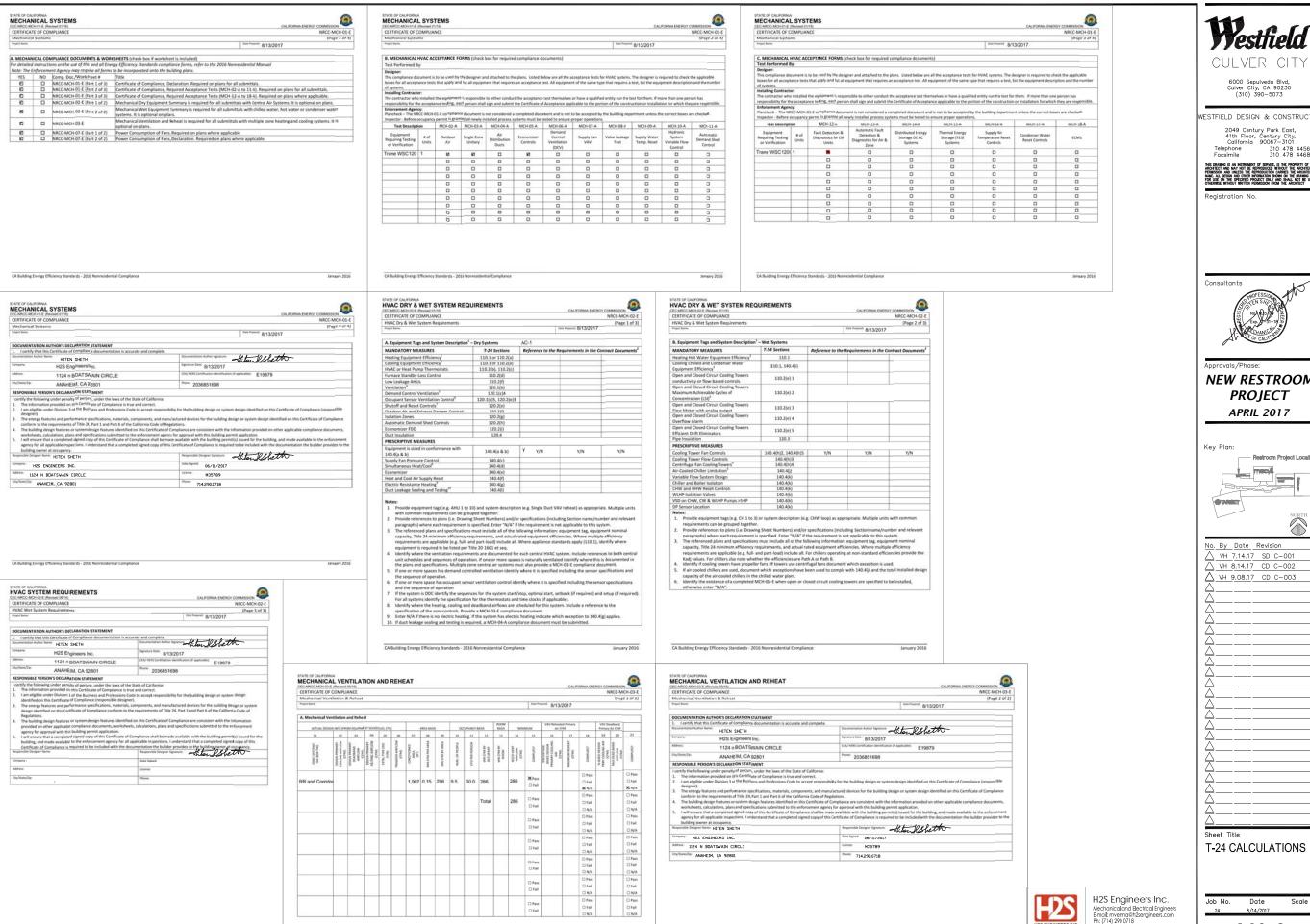
 LUNT SHALL TURN OF COOLING WHEN THERE IS COLLING THE SHALL TURN OF COOLING WHEN SUPPLY ARE TEMPERATURE FALLS BELOW 65.

 LUNT SHALL TURN OFF COOLING WHEN SUPPLY ARE TEMPERATURE FALLS BELOW 52.

 LUNT SHALL TURN OFF HEATING WHEN SUPPLY ARE TEMPERATURE FALLS BELOW 52.

 LUNT SHALL TURN OFF HEATING WHEN SUPPLY ARE TEMPERATURE RAYS AROW 10.

 LUNT SHALL TURN OFF WHEN EF-1 IS TURNED OFF.



CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

CULVER CITY

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NEW RESTROOM PROJECT **APRIL 2017**



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Date

Scale

Job No.



WestfieldCULVER CITY

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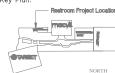
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Annroyals /Phase:

NEW RESTROOM PROJECT APRIL 2017

Key Plan:



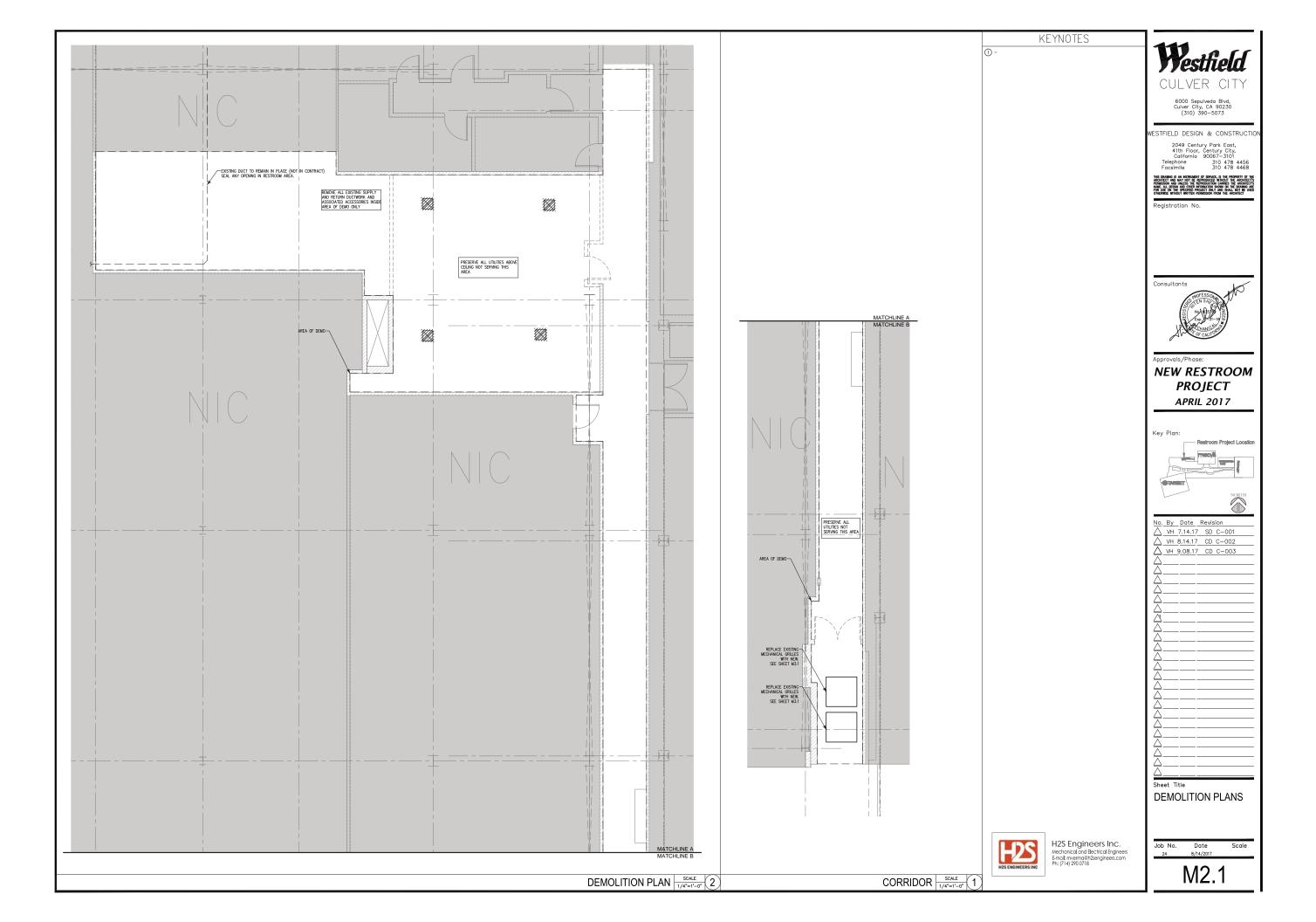
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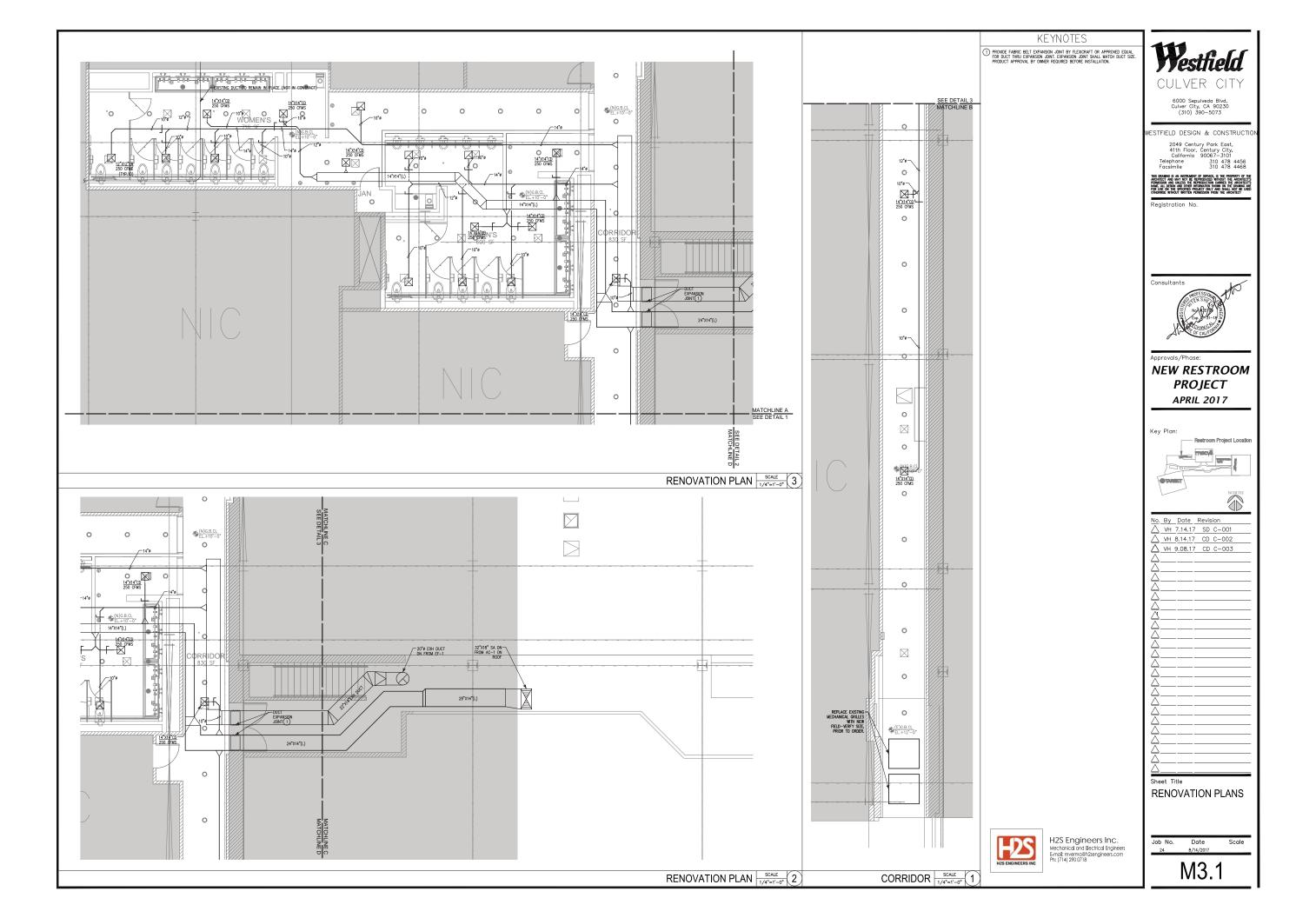
Job No. Date

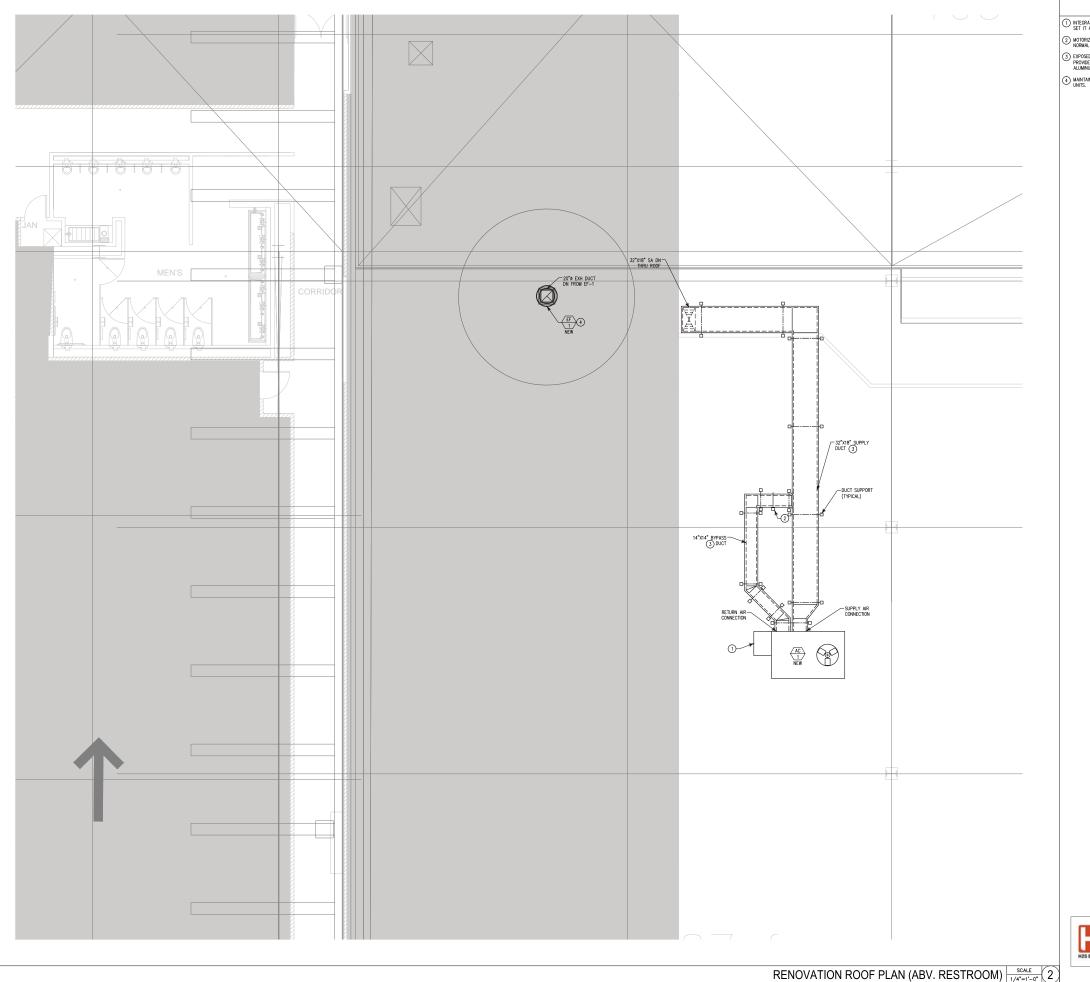
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Scale

T-24 CALCULATIONS







KEYNOTES

- (3) EXPOSED DUCTWORK ABOVE ROOF DIMENSION SHOWN ARE CLEAR OPENING. PROVIDE 2" THINK 1.5 LBS/OF FIBER GLASS INSULATION WITH VAPOR BARRIER, ALUMINUM JACKET AND NECESSARY PROTECTION FOR OUTDOOR INSTALLATION.
- (4) MAINTAIN 10' CLEARANCE FROM ANY FRESH AIR INTAKE TO EXISTING OR NEW AIR UNITS.



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NEW RESTROOM PROJECT **APRIL 2017**



Sheet Title

H2S Engineers Inc. Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com Ph: (714) 290 0718

Job No. Date 24 8/14/2017

RENOVATION ROOF PLAN

WATER HEATING CVCTEN TECTS	DILIMBING DEMOLITION NOTES	CHEET CDECIFICATIONS	CENEDAL NOTES	DI	IMPINO I FOEMD	CHEET INDEX	
WATER HEATING SYSTEM TESTS	PLUMBING DEMOLITION NOTES	SHEET SPECIFICATIONS	GENERAL NOTES	PLI SYMBOL ABBREV.	UMBING LEGEND DESCRIPTION	SHEET INDEX SHEET NO. DESCRIPTION	111
A. NEW WATER HEATER IS GAS FIRED TYPE.	PRIOR TO BID THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES, DRAWINGS FOR THESE CONTRACTOR OF THE PROPERTY OF THE PROPER	1.1 SCOPE A. THE WORK COVERED BY THIS SECTION CONSISTS OF	 WORK SHALL COMPLY WITH THE REQUIREMENTS OF GOVERNING CODES AND LOCAL AMENDMENTS. 	——F—— F	FIRE	PO.1 LEGEND, GENERAL NOTES AND SCHEDULES	YY estlield
B. PERFORM TESTS TO ARCHITECT'S SATISFACTION. MAKE TESTS IN PRESENCE OF ARCHITECT AND AT A TIME SUITABLE TO HIM IF REQUESTED. FURNISH NECESSARY LABOR AND EQUIPMENT AND BEAR COSTS FOR TESTING. COST OF REPLACING AND/OR REPAIRING	AREAS SHOW THE CHANGES TO BE MADE. CONTRACTOR SHALL REVISE, REARRANGE, REPOUTE, OR REMOVE EXISTING PIPING AS REQUIRED TO ACCOMMODATE CHANGES AND ADDITIONS. SHOWN AND TO PROVIDE	FURNISHING ALL LABOR, MATERIALS EQUIPMENT, AND FIXTURES AS REQUIRED TO PROPERLY INSTALL THE PLUMBING SYSTEM COMPLETE AS SHOWN.	WORK IS NEW UNLESS OTHERWISE INDICATED. COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER	C.W.	COLD WATER HOT WATER	P0.2 PLUMBING SCHEDULES	CHIVED OITY
DAMAGE RESULTING THEREFROM SHALL BE BORNE BY THIS CONTRACTOR. SHOULD THE CONTRACTOR REFUSE OR NEGLECT TO MAKE TESTS NECESSARY TO SATISFY THE ARCHITECT	CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN, CONFLICTS	B. THE PLUMBING SYSTEM SHALL INCLUDE THE FOLLOWING: DOMESTIC COLD AND HOT WATER SYSTEM.	TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.	—— G —— G. ——MPG —— MPG	FUEL GAS MEDIUM PRESSURE GAS	P0.3 PLUMBING DETAILS & DIAGRAMS	T CULVER CITY
THAT REQUIREMENT OF SPECIFICATIONS AND DRAWINGS ARE MET, SUCH TESTS MAY BE MADE BY AN INDEPENDENT TESTING COMPANY AND THE CONTRACTOR CHARGED FOR ALL EXPENSES.	BETWEEN THIS DOCUMENT AND EXISTING CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE BID.	SANITARY, WASTE AND VENT SYSTEM. TEST AND DISINFECTION OF PLUMBING PIPING. TRENCH AND BACK FILL FOR UNDERGROUND PLUMBING	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND EQUIPMENT.	——MPG—— MPG ———— W OR S	MEDIUM PRESSURE GAS WASTE OR SEWER	P2:1 DEMOLITION & RENOVATION PLAN	6000 Sepulveda Blvd, Culver City, CA 90230
C. HYDROSTATIC TESTS: MAKE BY COMPLETELY FILLING PIPING SYSTEM WITH WATER AND ELIMINATING ACCUMULATIONS OF AIR SO THAT LEAKAGE, NO MATTER HOW SMALL, WILL BE	CONTRACTOR SHALL VERIFY EXISTING UTILITIES, LOCATION, SIZE, INVERT ELEVATIONS, PRESSURE AND AVAILABILITY	PIPING. 1.2 PERMIT AND INPECTIONS	LOCATION OF PIPING INDICATED ON THE DRAWINGS IS APPROXIMATE. DRAWINGS AND LAYOUTS ARE	——————————————————————————————————————	CONDENSATE DRAIN		(310) 390-5073
APPARENT ON TESTING GAUGE IMMEDIATELY, MAINTAIN PRESSURE UNTIL PIPE UNDER TEST HAS BEEN EXAMINED, BUT IN NO CASE LESS THAN 24 HOURS. TEST SYSTEMS AT FOLLOWING PRESSURE:	PRIOR TO START ON ANY WORK. 3. DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ARE NOT	A. UNLESS OTHERWISE NOTED, THIS CONTRACTOR SHALL APPLY AND PAY FOR ALL NECESSARY PERMITS, FEES AND	DIAGRAMMATIC TO SHOW DESIGN INTENT. CONTRACTOR SHALL COORDINATE DUCTWORK AND PIPING LOCATIONS WITH OTHER WORK. PRIOR TO BID THE CONTRACTOR		SANITARY VENT TRAP PRIMER CONN LINE		WESTFIELD DESIGN & CONSTRUCTION
SYSTEM TEST PRESSURE	INTENDED TO INDICATE NECESSARY OFFSETS OF PIPING, FITTINGS & APPURTENANCES THAT HAVE TO BE REMOVED, CAPPED OR REROUTED.	INSPECTIONS REQUIRED BY ANY AUTHORITY HAVING JURISDICTION.	SHALL VISIT THE JOB SITE. IF FIELD CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS AND AFFECTED WORK, INFORM ARCHITECT IMMEDIATELY	——SD —— S.D.	STORM DRAIN		2049 Century Park East, 41th Floor, Century City,
DOMESTIC COLD WATER 150 PSIG DOMESTIC HOT WATER 150 PSIG	DO NOT CUT OR NOTCH ANY STRUCTURAL MEMBERS WITHOUT STRUCTURAL ENGINEER'S APPROVAL.	B. WORKMANSHIP SHALL BE OF THE BEST QUALITY AND NONE BUT COMPETENT MECHANICS SKILLED IN THEIR TRADES SHALL BE EMPLOYED.	BEFORE PROCEEDING WITH BID. 6. CONTRACTOR SHALL NOTE THE CRITICAL SPACE	——————————————————————————————————————	OVERFLOW DRAIN EXISTING WASTE OR SEWER	_	California 90067-3101 Telephone 310 478 4456
D. SANITARY SOIL, WASTE, VENT SYSTEM TESTS: BEFORE INSTALLATION OF FIXTURES, CAP ENDS OF SYSTEM AND FILL LINES WITH WATER TO 10 FT. ABOVE THE SECTION BEING TESTED (INCLUDING VENTS) AND ALLOW TO STAND UNTIL A THOROUGH INSPECTION IS	5. UTILITY SHUTDOWN AND WORK ON EXISTING SYSTEMS OR PORTIONS OF THE BUILDING, SHALL BE COORDINATED	C. ALL MATERIAL UNDER THIS DIVISION OF THE SPECIFICATIONS SHALL BE NEW. AND LISTED IN PRINTED CATALOGS OF THE	AVAILABLE. PROVIDE JOINT PIECES AT CROSSOVERS, UNDER BEAMS AND OVER/UNDER PIPES, AS REQUIRED	ECW E.C.W.	EXISTING COLD WATER		Facsimile 310 478 4468 THIS DRAWNG IS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF THE
MADE. MAKE TESTS IN SÉCTIONS IF NECESSARY OR CONVENIENT. HOWEVER, INCLUDE INTERCONNECTIONS BETWEEN NEW SECTIONS AND PREVIOUSLY TESTED SECTIONS IN THE NEW TEST.	AND APPROVED BY OWNER REPRESENTATIVE PRIOR TO DISTRIBUTION.	MANUFACTURER EACH ARTICLE OF ITS KIND SHALL BE THE STANDARD PRODUCT OF A SINGLE MANUFACTURER	TO ACCOMMODATE DUCTS WITHIN SPACE AVAILABLE. COORDINATE CLOSELY WITH OTHER SECTIONS OF THE WORK. NO ADDITIONAL COSTS WILL BE PAID FOR	S.O.V. S.O.V. G.C.	SHUT OFF VALVE GAS COCK	_	THIS DRAWING IS AN ARTHMATH OF SERVICE, IS THE PROPERTY OF THE ADMINISTED AND AN ARTHMATH OF REPRODUCED WHICH THE ACCHITECTS PERMISSION AND UNLESS THE REPRODUCTION CARRIES THE ARCHITECTS NAME. ALL DESIGN AND OTHER PROPERTIES WHOM ON THE DRAWING ARE FOR U.SC. ON THE SPECIFIED PROJECT ONLY AND SHALL NOT BE USED OTHERWISE WHITHOUT WRITTEN PERMISSION FROM THE ACCHITECT.
3.12 ADJUSTING	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL PIPING IN SUCH A MANNER AS TO CONFORM	D. THE ARCHITECT SHALL HAVE THE RIGHT TO ACCEPT OR REJECT MATERIAL AND/OR WORKMANSHIP AND DETERMINE	ANY REQUIRED TRANSITIONS OR OTHER SPECIAL CHANGE OF WORK.	——————————————————————————————————————	HOSE BIBB		Registration No.
UPON COMPLETION OF WORK AND AFTER CLEANING OF SYSTEM, FIXTURES AND EQUIPMENT, AND AUTOMATIC PARTS OF PLUMBING SYSTEM SHALL BE CAREFULLY ADJUSTED FOR NORMAL OPERATION. ALL FLUSH VALVES AND FIXTURE STOPS SHALL BE CHECKED	TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAY CLEAR AND ACCESSIBLE WITHOUT EXTRA COST TO THE OWNER.	WHEN THE CONTRACTÓR HAS COMPLIED WITH THE REQUIREMENTS HEREIN SPECIFIED.	7. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THESE DRAWINGS AND WITH CODE REQUIREMENTS, CODE REQUIREMENTS SHALL	0 1 101	PIPE-UP OR RISER PIPE-DOWN OR DROP		
FOR PROPER OPERATION. ALL FLOSH VALVES MAD FIXTURE STOPS STALL BE CHECKED FOR PROPER OPERATION. AND FINAL ADJUSTMENTS MADE WHERE REQUIRED. SYSTEM SHALL OPERATE QUIETLY WITHOUT VIBRATION OR NOISE.	PIPING SYSTEMS NOT BEING RE-USED SHALL BE CUT-BACK ABOVE CEILING OR BEHIND WALLS AND	E. ALL MANUFACTURED MATERIALS SHALL BE CLEARLY MARKED OR STAMPED WITH THE MANUFACTURER'S NAME AND RATING.	PREVAIL UNLESS ITEMS INDICATED ON THE DRAWINGS ARE MORE RESTRICTIVE.	—— ——	UNION		
	CAPPED IN AN APPROVED MANNER. 8. CONTRACTOR SHALL VERIFY WITH THE OWNER	F. REFERENCE TO STANDARDS ARE INTENDED TO BE THE LATEST REVISION OF THE STANDARD SPECIFIED.	CLEANOUTS SHALL BE INSTALLED PER SECTION 707.0 AND SECTION 719.0 OF THE CALIFORNIA PLUMBING CODE.	COYB	CLEANOUT IN YARD BOX		4
	REPRESENTATIVE BEFORE CONNECTING, CUTTING OR CAPPING ANY PIPES SO AS NOT TO DISRUPT BUILDING OPERATIONS.	2.0 VALVES	9. NEW PIPING AND EQUIPMENT SHALL BE SEISMIC ALLY BRACED AND/OR ANCHORED IN ACCORDANCE WITH	POC I.E.	POINT OF CONNECTION INVERT ELEVATION OF PIPE BELOW FLOOR	APPLICABLE CODES	4
	9. FIXTURES, PIPES, VALVES ETC. REMOVED FROM THE BUILDING SHALL BECOME THE PROPERTY OF THE	A. BALL TYPE VALVE, WATTS VALVE SOLDERED THREE — PIECE	SMACNA "GUÍDELINES FOR SEISMIC RESTRAINT OF MECHANICAL SYSTEMS", CMC AND OTHER APPLICABLE	CONC.	CONCRETE		
	CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.	BRONZE BODY STAINLESS STEEL FULL PORT BALL AND STEM. 600 PSI W.O.G.	CODES. 10. A MINIMUM OF 36" CLEAR WORKING SPACE, NOT LESS	F.C.O. W.C.O.	FLOOR CLEANOUT WALL CLEANOUT	2016 CALIFORNIA RESIDENTIAL CODE (CRC)	Consultants
		3.0 INSTALLATION	THAN 30" WIDE, SHALL BE MAINTAINED IN FRONT OF ALL SWITCHES, OVER CURRENT DEVICES AND ELECTRICAL CONTROL COMPONENTS.	N.T.S.	NOT TO SCALE	2016 CALIFORNIA BUILDING CODE (CBC)	PROFESSION SHE
		A. BALL TYPE VALVE, WATTS VALVE SOLDERED THREE — PIECE BRONZE BODY STAINLESS STEEL FULL PORT BALL AND	11. LAVATORIES IN PUBLIC RESTROOMS SHALL HAVE HOT WATER CONTROLS THAT COMPLY WITH THE FOLLOWING	CONT.	CONTINUATION	2016 CALIFORNIA ELECTRICAL CODE (CEC)	No. VI.55 20 No. VII.55 20 No. VII
		STEM. 600 PSI W.O.G.PROVIDE A COMPLETE DWV, SANITARY & DOMESTIC WATER SYSTEM INSTALLATION AS INDICATED ON	REQUIREMENTSMAXIMUM FLOW RATE 0.26 SECONDS PER CYCLE	FLR.	FLOOR	2016 CALIFORNIA MECHANICAL CODE (CMC) 2016 CALIFORNIA PLUMBING CODE (CPC)	X CHANGE CHANGE
		THE DRAWINGS. B. DO ALL NECESSARY TRENCHING, EXCAVATION, SHORING AND	-FLOW RATE (GAL/CYCLE) FOR SELF CLOSING VALVES 2.5 -MAXIMUM OUTLET TEMPERATURE 110°F	GR.	GRADE LOCATION	2016 CALIFORNIA ENERGY STANDARDS CODE	OF CALITY
		BACK FILLING REQUIRED FOR THE PROPER LAYING OF THE PIPE LINES. BOTTOMS OF TRENCHES TO BE CUT TO GRADE. MAKE TRENCHES 12 INCHES WIDER THAN THE	 SAW CUT & REPAIR EXISTING PAVEMENT FOR INSTALLATION OF NEW UNDERGROUND PLUMBING PIPING. 	ABV.	ABOVE		Approvals/Phase:
		GREATER DIAMETER OF THE PIPE. ALL UNDERGROUND PIPING, OUTSIDE OF THE BUILDING, SHALL BE SET ON A 6 INCH BED OF DAMP SAND AND BACK FILLED TO WITHIN 12	13. EACH PLUMBING VENT SHALL TERMINATE NOT LESS THAN TEN (10) FEET FROM OR AT LEAST THREE (3) FEET	BEL.	BELOW BELOW		NEW RESTROOM
		INCHES OF FINISH GRADE WITH DAMP SAND, REMAINDER OF BACK FILL TO BE NATIVE SOIL REMOVE EXCESS EARTH FROM THE PREMISES, DO NOT BACK FILL UNTIL	ABOVÉ ANY WINDOW, DOOR, OPENING, AIR INTÂKE OR VENT SHAFT.	A.P.	ACCESS PANEL CAST IRON	_	PROJECT
		INSTALLATION HAS BEEN APPROVED AND RECORD DRAWINGS ARE UP TO DATE. PROMPTLY INSTALL ALL PIPING AFTER EXCAVATION OR CUITING FOR SAME HAS BEEN DONE. SO	POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE CALIFORNIA PLUMBING CODE.	CLG.	CEILING		APRIL 2017
		AS TO KEEP THE EXCAVATIONS OPEN AS SHORT A TIME AS POSSIBLE.	15. PROVIDE SEISMIC BRACING FOR NEW WORK.	CONN. TYP.	CONNECT OR CONNECTION TYPICAL	_	AT KIL ZOTT
		C. INSTALL AN APPROVED TYPE WATER PRESSURE REGULATOR WHERE THE WATER PRESSURE IS IN EXCESS OF 80 PSI IN THE BUILDING WATER SUPPLY.	PROVIDE FLEXIBLE PIPE CONNECTIONS FOR PIPING CONNECTIONS TO VIBRATION ISOLATED EQUIPMENT AND	(E) OR EXIS			
		D. MAKE UP JOINTS WITH INSIDE SMOOTH AND UNOBSTRUCTED THOROUGHLY REAM CUT PIPE ENDS TO REMOVE ALL BURRS.	AT BUILDING SEISMIC SEPARATIONS. 17. ALL PROPOSED CLEAN—OUTS TO BE COORDINATED BY	₩ ₩	PLUMBING EQUIPMENT IDENTIFICATION FIXTURE EQUIPMENT IDENTIFICATION	_	Key Plan: Restroom Project Location
		INSPECT PIPE AND FITTINGS AND REMOVE OBSTRUCTIONS, PRIOR TO FABRICATIONS, REMAKE LEAKY CONNECTIONS WITH	ARCHITECT IN THE FIELD PRIOR TO COMMENCING WORK.	⋄	REMODEL KEY NOTE		maciá
		NEW MATERIALS. THE USE OF THREAD CEMENT OR CAULKING TO MAKE JOINTS TO MAKE JOINTS TIGHT IS PROHIBITED.	18. PIPES SHALL BE LABELED PER ANSI/ASME A13.1 STANDARDS THE STANDARD SPECIFIES THE PRIMARY AND SECONDARY MEANS OF IDENTIFYING PIPE CONTENTS, AS	Y.B.	YARD BOX ROOF DRAIN	_	
		E. NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE LOW RATES SPECIFIED IN SECTION 5.303.3	WELL AS THE SIZE, AND COLOR. 19. EXISTING CONDITIONS ARE BASED ON " AS BUILT"	F.U.	FIXTURE UNIT		O DANKET
			DRAWINGS PROVIDED BY.OWNER. CONTRACTOR SHALL ADJUST TO ACTUAL CONDITIONS AT NO ADDITIONAL EXPENSE TO OWNER.	GPM GPH	GALLON PER MINUTE GALLON PER HOUR		NORTH
			20. ALL OMISSIONS AND OR CONFLICTS BETWEEN THE VARIOUS FLEMENTS OF THE CONSTRUCTION DOCUMENTS	PSI	POUNDS / SQUARE INCH	_	
			SHALL BE BROUGHT TO THE ATTENTION OF AND RESOLVED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH ANY OF THE AFFECTED WORK.	TDL	TOTAL DEVELOPED LENGTH		No. By Date Revision
		REQUIREMENTS FOR RETROFIT	21. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF CBC AND	ф FPS	SQUARE FOOT FOOT PER SECOND	_	△ VH 7.14.17 SD C-001 △ VH 8.14.17 CD C-002
		EXISTING PLUMBING SYSTEMS WITHIN THE AREA OF WORK	CPC. 22. THE PLUMBING CONSTRUCTION DOCUMENTS REPRESENT	GPR/GR	GAS PRESSURE REGULATOR		△ VH 9.08.17 CD C-003
		SHALL BE REPLACED UNLESS INDICATED OTHERWISE 2. SAW CUT AND REPAIR EXISTING PAVEMENT FOR INSTALLATION	THE PLUMBING AND PIPING SYSTEMS, NOT THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR MATERIALS, EQUIPMENT	W.M.	WATER METER WITH	_	<u></u>
		OF NEW UNDERGROUND PLUMBING PIPING AS SHOWN ON PLUMBING DRAWINGS AND AS REQUIRED.	AND ACCESSORIES NECESSARY TO ACHIEVE THE FINISHED SYSTEMS.	DET	DETAIL		
		 PIPING, FIXTURES AND RELATED WORK SHALL BE NEW UNLESS INDICATED OTHERWISE. 	23. NO PIPES, SLEEVES, ETC SHALL BE PLACED IN SLABS, BEAMS OR WALLS UNLESS SPECIFICALLY SHOWN OR NOTED MORE UNIT AND STRUCTURAL MEMBER BE CUIT.	→	WALL CLEAN OUT FLOOR CLEAN OUT	_	<u></u>
		 VERIFY EXISTING CONDITIONS BEFORE START OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT. 	NOTED, NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES.	- Ψ - Γ - 100 	CAP FOR FUTURE		
		 PROVIDE DIELECTRIC UNION AT CONNECTION TO EXTERIOR UTILITIES. 	24. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF AN EXISTING CONDITION PRIOR TO SUBMITTING HIS BID, NO ADDITIONAL COMPENSATION WILL				<u></u>
		EXISTING VTR's SHALL BE REMOVED AND HOLE SHALL BE PATCHED OR RE-USED (TYPICAL).	BE MADE FOR ANY EXTRAS DUE TO CONTRACTOR'S FAILURE TO VISIT JOB SITE AND/OR PREDETERMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS BID. ANY				
		VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED BEFORE START OF DEMOLITION	DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.	1			
		COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.	 PLUMBING CONTRACTOR TO COMPLY WITH THE CITY STANDARD AND REGULATIONS FOR UNDERGROUND UTILITY CONNECTIONS. 	1			
			26. THE PLUMBING CONTRACTOR SHALL ALSO VERIFY & FAMILIARIZE HIMSELF WITH ALL SITE UTILITIES PRIOR TO	1			
		FIRE SPRINKLER PERFORMANCE NOTES:	BASE BID & CONSTRUCTION. 27. ALL UTILITY POINTS OF CONNECTION MUST BE FIELD	1			<u> </u>
		1. THE BUILDING FIRE SPRINKLER SYSTEM SHALL CONFORM TO	27. ALL UTILITY POINTS OF CONNECTION MUST BE FIELD VEHICLE BY CONTRACTOR. 28. EACH SELF CLOSING LAVATORY FAUCET SHALL NOT				
		THE REQUIREMENTS OF THE LATEST ADOPTED EDITION OF NFPA #13 — INSTALLATION OF SPRINKLER SYSTEMS. THE ON—SITE UNDERGROUND FIRE SERVICE SYSTEM SHALL	28. EACH SELF CLOSING LAVATORY FAUCET SHALL NOT EXCEED A WATER FLOW OF 0.20 GALLONS/CYCLE.	1			J △ — — — — — — — — — — — — — — — — — —
		CONFORM TO THE LATEST ADOPTED EDITION OF NFPA #24 — PRIVATE FIRE SERVICE MAINS. THE CONTRACTOR SHALL SUBMIT COMPLETE PLANS, CALCULATIONS (INCLUDING		1			
		CURRRENT FORE FLOW DATA) AND MATERIAL DATA SHEETS TO THE ARCHITECT AND THE CITY FIRE MARSHALL FOR REVIEW		1			<u></u>
		AND APPROVAL PRIOR TO INSTALLATION OF WORK. CALCULATIONS SHALL INCLUDE FLOW TEST DATA. SHOP DRAWINGS SHALL INCLUDE THRUST BLOCK LOCATIONS AND		1			
		SIZES. 2. DURING VARIOUS STAGES OF CONSTRUCTION AND UPON COMPLETION THE SYSTEM SHALL BE BACKFLUSHED AND		1			
		TESTED IN THE PRESENCE OF THE CITY FIRE MARSHALL. BACKFLUSH AND HYDROSTATIC TESTS SHALL BE CONDUCTED		1			Sheet Title
		PRIOR TO BACKFILL AND WITNESSED BY THE CITY FIRE MARSHALL.					GENERAL NOTES,
				1			LEGEND AND SCHEDULES
				1			SCHEDULES
				1		H2S Engineers Inc.	Job No. Date Scale
						Mechanical and Electrical Engineers E-mail: mverma@h2sengineers.com	24 8/14/2017
				1		H2S ENGINEERS INC Ph: (714) 290 0718	P0.1
						•	1 0.1

	FIX.	TURE I	JNITS		
QUANTITY	TYPE OF FIXTURE	CW FU PER FIXTURE	TOTAL CW FU UNITS	WASTE FU PER FIXTURE	TOTAL WASTE FU UNITS
12	WATER CLOSET	5	60	4	48
12 / 8	LAVATORY	1	12	1	8
5	URINAL	4	20	2	10
1	MOP SINK	3	3	3	3
TOTAL FIX	TURE UNITS	> <	95	> <	69

- 1													
	PIPE SIZING SCHEDULE												
			COLD WATER				HOT WATER						
	SIZE (IN.)	G.P.M.	FLUSH TANK F.U.	FLUSH VALVE F.U.	VELOCITY (F.P.S.)		G.P.M.	FLUSH TANK F.U.	VELOCITY (F.P.S.)				
	1/2"	6	7	-	8.0		6	7	5.0				
ı	3/4"	11	15	-	8.0		11	15	5.0				
	1"	19	29	4	8.0		19	29	5.0				
	1-1/4"	31	56	14	8.0		31	56	5.0				
	1-1/2"	42	97	97	8.0		42	97	5.0				
	2"	74	245	245	8.0		74	245	5.0				

2 2 2 3 8.0

BASED ON CALIFORNIA PLUMBING CODE 2016 EDITION. MAX. 8.0 F.P.S. PERSON EN CALIFORNIA PLUMBING CODE 2016 EDITION. MAX. 8.0 F.P.S. PERSON EN CALIFORNIA PLUMBING CODE 2016 EDITION. FOR HOT WATER MAX. 5.0 F.P.S. VELOCITY & ADJUSTED TO 3.0 P.S.I.G. PER 100 FEET MAXIMUM PRESSURE DROP.

PLUMBING FIXTURE SCHEDULE									
UNIT	DESCRIPTION		CON	NECTION SI	ZES		REMARKS		
NO.	DESCRIPTION	TRAP	W	V	CW	HW			
L-1	ACCESSIBLE WALL MOUNTED LAVATORY	2*	2*	1-1/2*	1/2"	1/2"	SLOAM ARE-DEC INTEGRATED SINK SYSTEM, SINGLE FAUCET BASIN, CORRAN OR QUARTZ, MONOLUTHIC CONSCUE, ADA COMPUNATE, FAUCET SLOAM BASYS, DECK MONITHES, SENSOR ACTIVATED, 0.5 GPW CYCLE PER 7 SECOND MAXIMUM, 120V/1/60Hz, STEM SOAP DISPENSOR, 120 VAC, SLOAM HAND DRYER, 120 VAC, WATTS "BLUSG-B THERMOSTATIC MIXING VALVE, PROVIDE CONVERTES STOPS AND HOT AND COLD WATER SUPPLIES, CHOCAGO 1 1/4" ROTO RORAN 327 XCPS.UPPLY CARRIER AR. SWITH OR APPROVED EQUAL EXACT MOUNTING HEIGHT PER LOCAL CODES AND AHU, PROVIDE UNDER LAV COVER TRUERDS (1926 E-2.		
WC-1	ACCESSIBLE WATER CLOSET 1.28	INT.	4"	2"	1"	-	TOTO &CTOREY, WALL MOUNTED, ELONGATED FRONT, VITEOUS CHINA, HIGH EFFICIENCY 1.28 GFF, WHITE, TOTO #FIETLIASJROP SENSOR ACTIVATE, ECOPOWER WITH BATTERY BACKUP, WANDAL RESISTANT COVER, TOTO \$9C534 SOLID PLASTIC ELONGATED TOLET SEAT WHITE. ACCESSIBLE MOUNT HEIGHT PER ARCHITECTURAL DRAWNOS AND IN ACCORDANCE WITH LOCAL COORS AND AHU AND ACCORDANCE WITH LOCAL COORS AND AHU		
FCO	FLOOR CLEAN OUT	-	SEE PLANS	-	-	-	JR SMITH #4020		
wco	WALL CLEAN OUT	-	SEE PLANS	-	-	-	JR SMITH #4402C OR APPROVED EQUAL		
U-1	URINAL	INT.	2"	1-1/2"	3/4"	-	TOTO BUTTOSUV BOT, VITREOUS CHINA, WALL HUNG, WHITE, BACK SPUD INLET; TOTO TEUTUA128/CP FLUSH VALVE, ECOPOIRER WITH BATTERY BACKUP, 0.125 GPF, VANDAL PROOF COVER PLATE. EXACT MOUNTING HEIGHT FER ARCHITECTRICAL DORAMINGS AND ACCORDANCE WITH LOCAL CODES, ACCESSIBILITY STANDARDS, AND ANJ.		
SS-1	SERVICE SINK	3"	3"	1-1/2"	3/4"	3/4"	MUSTEE #65M 36"x24"x10" ONE PIECE MOLDED DURSTONE, SELF-DRAINING, REMOVABLE STRAINER; FAUCET CHICAGO #899-RCF WALL MOUNTED, PAIL HOOK, WALL BRACE, AND VACUUM BREAKER.		

ELECTRIC WATER HEATER											
NO.	SERVICE	LOCATION	MANUFACTURER MODEL	TANK CAPACITY	RECOVERY GPH @ 100*	KW	OPER. WT.(LBS.)	ELEC. REQ.	HEIGHT	DIA.	REMARKS
EWH 1	WATER HEATER	SEE PLAN	BRADFORD WHITE MODEL LE110U3-1	10 GALLON	6	5.5	135	480/3/60	17-1/2*	16"	PROVIDE T&P RELIEF VALVE, EXPANSION TANK AMTROL ST-5C

	CIRCULATION PUMP SCHEDULE											
SYMBOL	MAKE & MODEL	MOTOR ENCL.	FLOW GPM	HEAD FT.	INLET WATER	MAX	MOTOR		OPER WT.	DESCRIPTION		
√CP \			U. III		TEMP.	w	٧	ø	HZ	RPM	(LBS.)	
<u> </u>	BELL & GOSSETT NBF-9U/LW	TEFC	2	7	120	41	115	1	60	2800	9.3	DOMESTIC HOT WATER RECIRCULATION LOOP



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NEW RESTROOM PROJECT **APRIL 2017**

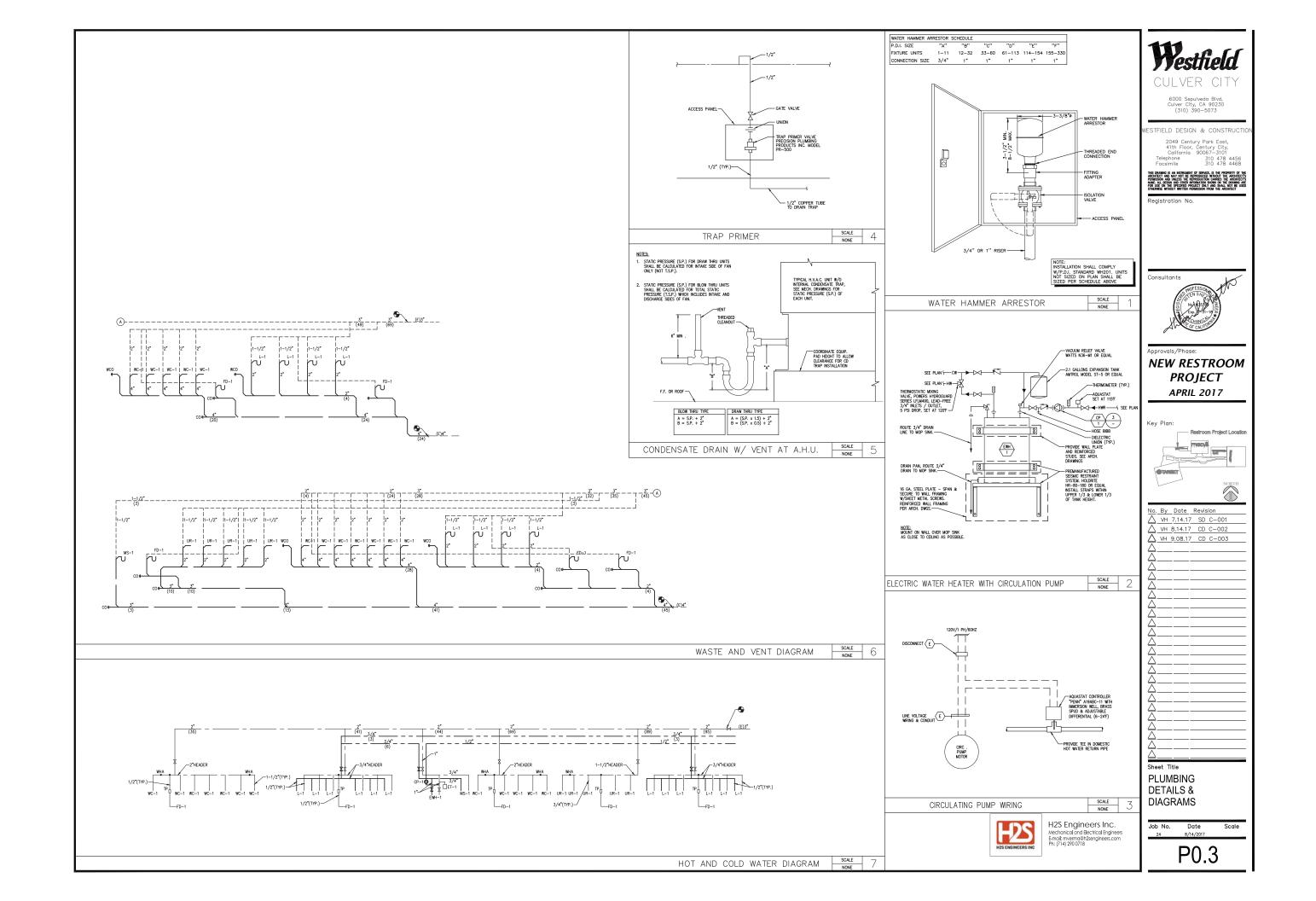


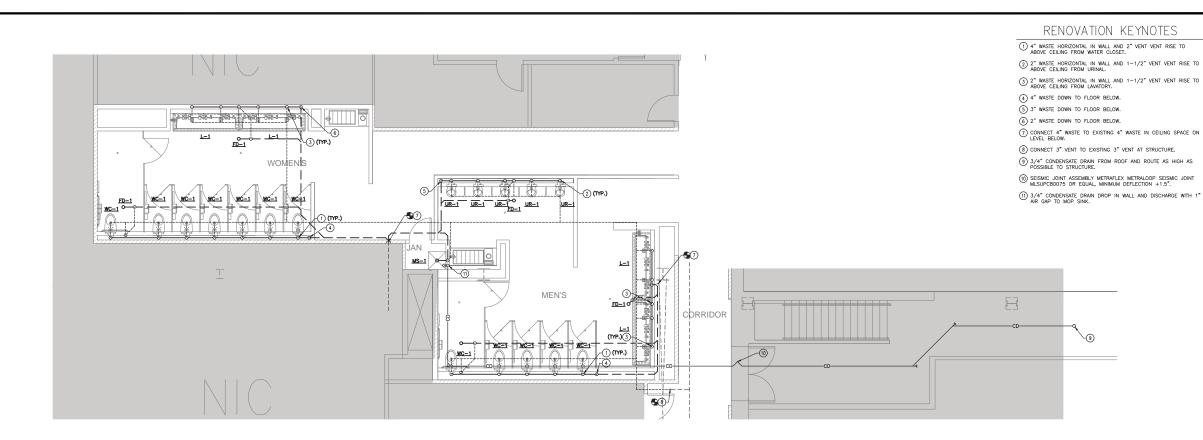
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Job No. Date 24 8/14/2017 Scale

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RENOVATION KEYNOTES

1 1-1/4" COLD WATER TO WATER CLOSET.

2) 3/4" COLD WATER TO URINAL.

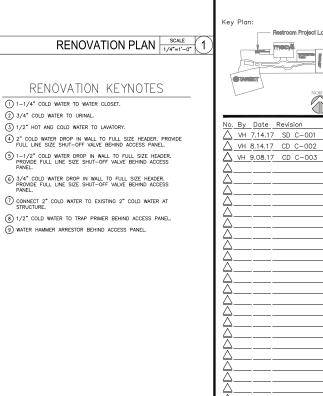
3 1/2" HOT AND COLD WATER TO LAVATORY.

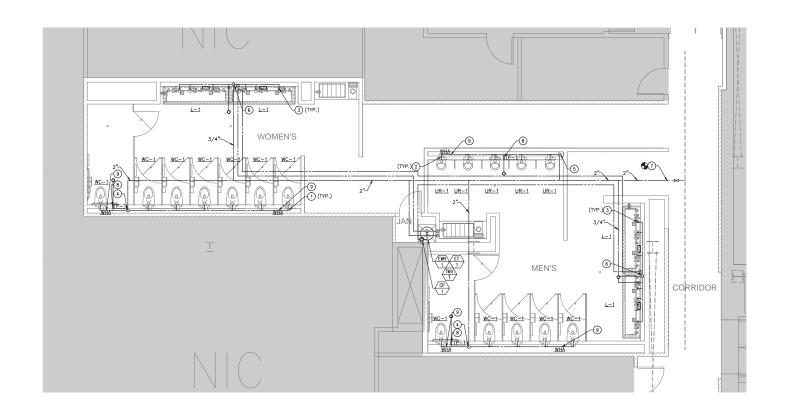
4 2" COLD WATER DROP IN WALL TO FULL SIZE HEADER. PROVIDE FULL LINE SIZE SHUT-OFF VALVE BEHIND ACCESS PANEL.

(5) 1-1/2" COLD WATER DROP IN WALL TO FULL SIZE HEADER. PROVIDE FULL LINE SIZE SHUT-OFF VALVE BEHIND ACCESS PANEL.

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WATER HAMMER ARRESTOR BEHIND ACCESS PANEL.







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PLUMBING FLOOR

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PLANS

Job No.

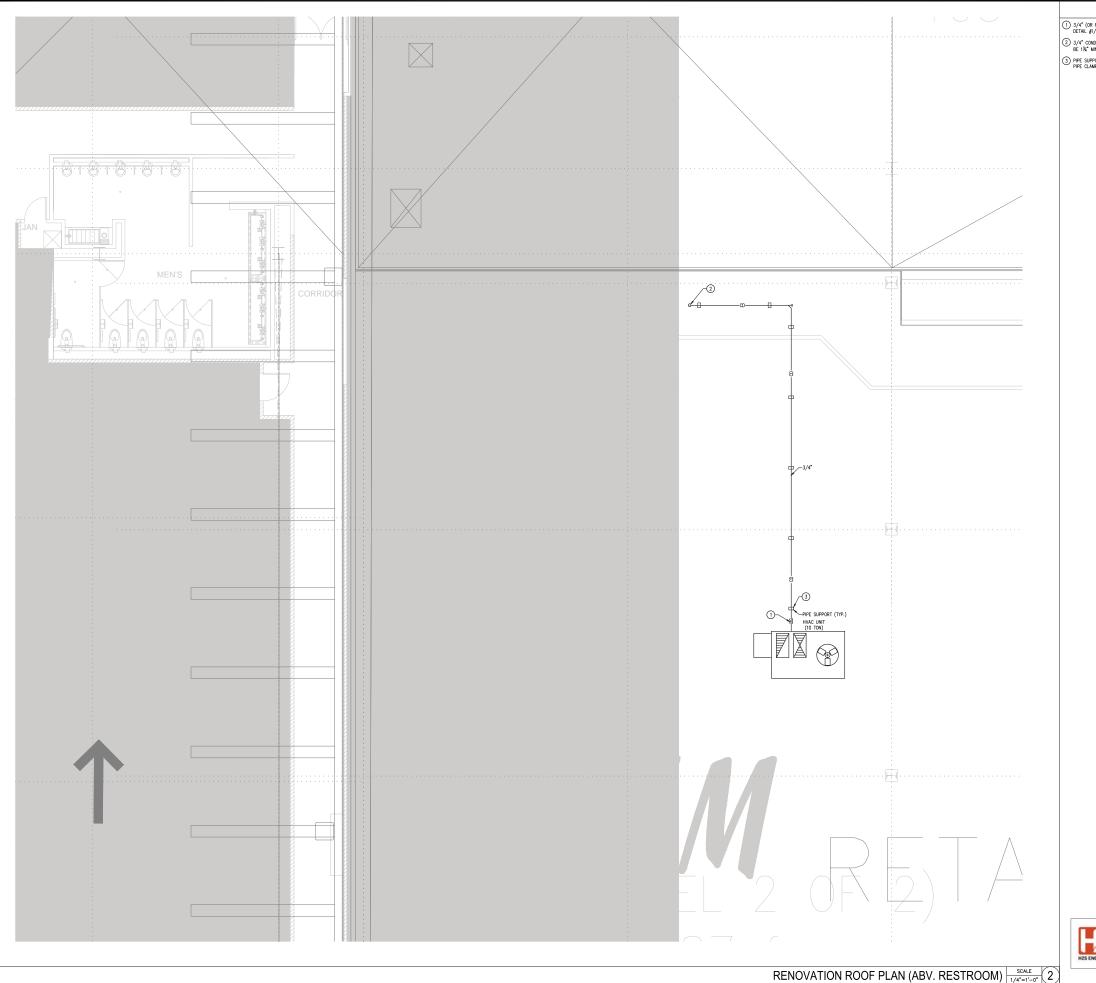
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RENOVATION PLAN SCALE 1/4"=1'-0" 2



KEYNOTES

- 1) 3/4" (OR FULL SIZE UNIT CONNECTION) CONDENSATE DRAIN TRAP.
 DETAIL #1/P3.0 FOR ADDITIONAL INFORMATION.
- 2 3/4" CONDENSATE DRAIN DOWN THROUGH ROOF, PENETRATION OPENING SHEET 13" MINIMUM, REFER TO STRUCTURAL ENGINEER FOR EXACT LOCATION.
- PIPE SUPPORT COOPER B-LINE DB SERIES AT EVERY 8'-0" ON CENTER. PROVIDI PIPE CLAMP AND ALL NECESSARY APPURTENANCES FOR COMPLETE SYSTEM.



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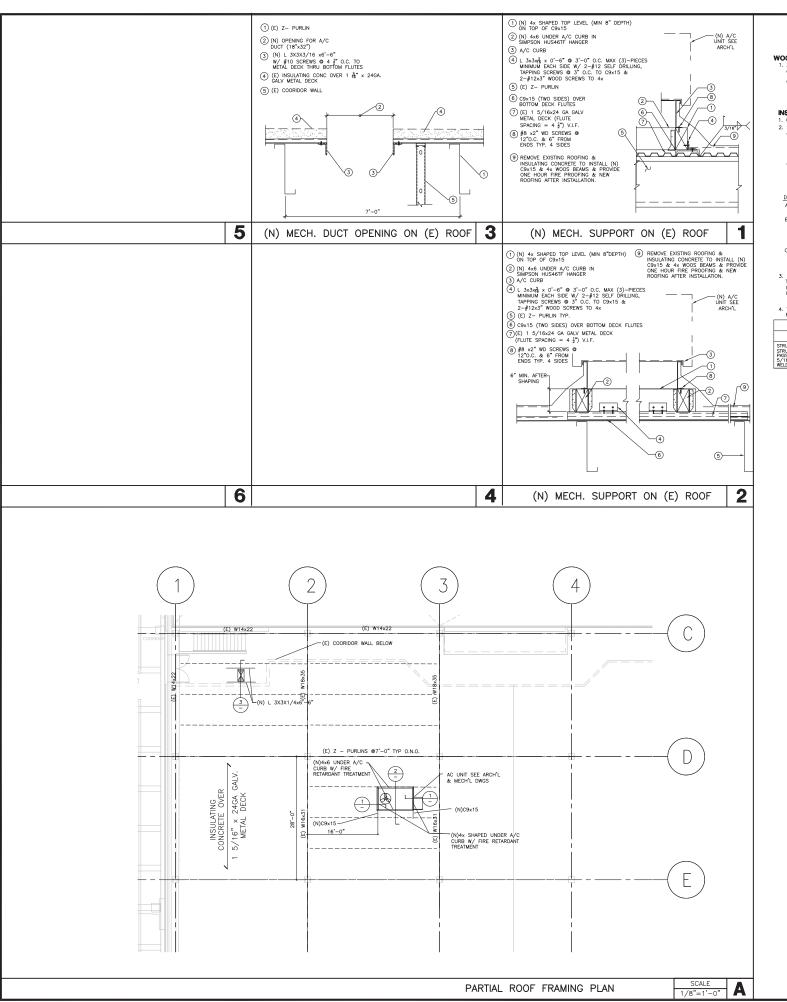
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P2.0

RENOVATION ROOF PLANS



GENERAL

WOOD FRAMING

I. ALL WOOD SHALL CONFORM TO THE CHAPTER 23 OF 2016 CBC
ALL STRUCTURAL FRAMING MEMBERS SHALL BE GRADE
MARKED DOUGLAS PIR AS FOLLOWS UNLESS NOTED OTHERWISE
ON PLANS (MOISTURE 19% MAXIMUM):
A ALL PRICKONTAL FRAMING MEMBERS AND POSTS SHALL
A LL PRICKONTAL FRAMING MEMBERS AND POSTS SHALL

BE D.F. NO. 1.

B. ALL STUDS AND BRACES SHALL BE D.F. NO. 1 OR BETTER U.N.O.

BETTER U.N. O. BROWNER OF STATE OF STAT

STECHAL MOMENT-RESISTING CONTRETE FROMES.

DUTIES & RESPONSIBILITIES OF THE INSPECTOR:

A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.

B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, & OTHER DESIGNATED PERSONS. ALL DISCRETACIES SHALL BE ROUGHT OF THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE PROPER DESIGN AUTHORITY AND TO THE BUILDING OFFICIAL.

AUTHORITY AND TO THE BUILDING OFFICIAL.

C. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S 1 KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CURRENT BUILDING CODE.

3. INSPECTOR'S REPORTS NEED TO ADDRESS ANY DISCREPANCIES, IF ANY, TO BE FILED WITH THE BUILDING DIVISION WEEKLY DURING CONSTRUCTION, WHETHER CORRECTED OR NOT INSPECTOR'S DAILY LOGS IS TO BE MAINTAINED ON THE SITE FOR REVIEW BY THE CITY INSPECTOR.

4. THE FOLLOWING TABLE IS A SUMMARY OF THE STRUCTURAL SPECIAL INSPECTIONS REQUIRED BY QUALIFIED SPECIAL INSPECTORS.

SUMMARY OF THE S	SPECIAL S	FRUCTURA	IL INSPECTIONS
ITEM	CONTINUOUS INSPECTION		REMARK
STRUCTURAL WELDING OF STRUCTURAL STEEL FOR SINGLE PASS FILLET WELDS (MAX. 5/16 INCH) AND ROOF DECK WELDS		YES	PER CBC SECTION 1704.3

NOTES

GENERAL

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND THE SPECIFICATIONS AND 2016 CALFORNIA BUILDING CODE.

DURING THE CONSTRUCTION PERIOD THE CONTRACTOR SHALL BE SHALL PROVIDE ABEQUIATE SHORING, BRACING AND GUYS IN ACCORDANCE WITH ALL ANTIONAL, STATE AND LOCAL SAFTY ORDINANCE ANY DEVATION MUST BE APPROVED PRIOR TO ERECTION. ACCORDANCE WITH ALL ANTIONAL, STATE AND LOCAL SAFTY ORDINANCE. ANY DEVATION MUST BE APPROVED PRIOR TO ERECTION.

3. ALL ERECTION PROCEDURES SHALL LOOKFORM TO COSK ASTANDAROS.

4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCANDION, PROFECTION FOR SHALL BE RESPONSIBLE FOR ALL EXCANDION PROFECTION OF ADJACENT PROPERTY. STRUCTURES, STREETS AND PROTECTION OF ADJACENT PROPERTY. STRUCTURES, STREETS AND PROTECTION OF ADJACENT PROPERTY. STRUCTURES, STREETS AND DESCREPANCES SHALL BE CALLED TO THE ATTENTION OF THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS, ALL DISCREPANCES SHALL BE CALLED TO THE ATTENTION OF THE WORK.

3. SUBMITTED TO THE ENGINEER FOR REVIEW. DO NOT FABRICATE PRIOR TO APPROVAL OF SHOP DRAWINGS.

5. DRAWINGS INDICATE SCHEREL AND TYPICAL SHALL DETAILS OF CONSTRUCTION. WHICH IN THE SHALL SHALL DETAILS OF CONSTRUCTION. WHICH IS ADDITION OF A SHALL BE USED SUBJECT TO REVIEW BY THE ENGINEER.

5. ALL DETAILS DESIGNATED AS STANDARD OR TYPICAL SHALL OCCUR IN ADDITION ON ANY OTHER SPECIFIC OFFICIAL CALLED FOR THEM STONES.

5. AND PICE SECRETAL SHALL BE USED SUBJECT TO REVIEW BY THE ENGINEER. AND TYPICAL SHALL OCCUR IN ADDITION ON ANY OTHER SPECIFIC OUTS. PIPES AND PIPE SLEEVES, ELECTRICAL CONDITIONS FOR SIZE AND LOCATION OF ALL OPENINGS REQUIRED FOR DUCTS, PIPES AND PIPE SLEEVES, ELECTRICAL CONDITIONS FOR SIZE AND LOCATION OF ALL OPENINGS REQUIRED FOR DUCTS, PIPES AND PIPE SLEEVES, ELECTRICAL CONDITIONS, AND OTHER TIEMS TO BE EMBEDDED IN CONCRETE OR OTHERWISE INCORPORATED IN 10. PROVIDE OPENINGS AND SHEEP PIPES, MECHANICAL ECUPRIENT, VENTS, DUCTS, PIPING, ETC. ALL SUSPENDED MECHANICAL ECUPRITY FIRMS. BUCTS, PIPING, ETC. ALL SUSPENDED MECHANICAL ECUPRIENT

DESIGN LOADS

A. WIND DESIGN DATA . RISK CATEGORY

5. DETERMINATION OF WIND LOAD USE METHOD I — SIMPLIFIED PROCEDURE PER CHAPTER 6 OF ASCE 7-10 (ROOF HEIGHTS EQUAL OR LESS THAN 60°)

B. EARTHQUAKE DESIGN DATA 1. SEISMIC MPORTANCE FACTOR . | $I_c = 1.00$ | RISK CATEGORY | II | 2. MAPPED SPECTRAL RESPONSE ACCELERATION . $S_x = 1.796g$ S_{ms}= 1.197g 4. SPECTRAL RESPONSE COEFFICIENTS..... S₀₁= 0.655g 5 SEISMIC DESIGN CATEGORY

6. BASIC SEISMIC FORCE RESISTING SYSTEM: 7. DESIGN BASE SHEAR $V = C_s W$ $C_s = \frac{SDS}{R/I}$

20 PSF REDUCIBLE

8. SEISMIC RESPONSE COEFFICIENTS $C_8 = \frac{C_8}{R/I}$ 9. DESIGN COEFFICIENTS AND FACTORS R=5.5, $\Omega_0=2$ 1/2, $C_0=4$ 10. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE ANALYSIS

C. FLOOR LIVE LOADS (REDUCIBLE PER CODE) UPPER FLOORS 100 PSF STAIRS AND EXITS 100 PSF

D. ROOF LIVE LOAD

STRUCTURAL STEEL AND WELDING

ALL W. SHAPE STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A992, Fy=50 KSI.

MISCELLANCUS STEEL SHALL CONFORM TO ASTM SPECIFICATIONS A36, Fy=36 KSI U.N.O.

STEEL PLATE SHALL CONFORM TO ASTM SPECIFICATION A36 U.N.O.

2. WELDER (QUILIFICATION):

2. WELDER, WELDING OPERATORS, AND TACK WELDERS SHALL BE QUILIFIED BY TEST AND HOLD A CURRENT VALID CERTIFICATE ISSUED BY AN INDEPENDENT TESTING AGENCY, TO PERFORM THE TYPE OF WELDS REQUIRED FOR THE WORK; INCLUDING THE PROCESS, POSITION, AND THICKNESS OF MATERIALS USED.

3. ELECTRODES SHALL BE LOW HYDROGEN TYPES.

4. FIELD WELDING TO BE DONE BY WELDERS CERTIFIED BY THE LADBS FOR STRUCTURAL STEEL, REINFORCING STEEL, AND LIGHT GAUGE STEEL. CONTINUOUS INSPECTION BY A DEPUTY INSPECTION IS REQUIRED.

5. SHOP WELDS MUST BE PERFORMED IN A LADBS LICENSED FABRICATOR'S SHOP.

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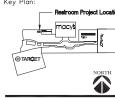
Consultants

ANF & ASSOCIATES 9420 Telstar Ave., Suite 118, El Monte, CA 91731

Approvals/Phase:

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Key Plan:



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