GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH CURRENT CODES OF GOVERNING JURISDICTIONS AND ALL OTHER APPLICABLE CODES RELATIVE TO EACH TRADE.
2. CONTRACTOR SHALL ADHERE TO THE RULES AND REGULATIONS FOR CONSTRUCTION AND IMPROVEMENTS ESTABLISHED BY THE UNIVERSITY.
3. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN THE ON-SITE CONDITIONS IN WRITING TO THE UNIVERSITY REPRESENTATIVE BEFORE PROCEEDING WITH THE PROJECT.
4. ALL DISCREPANCIES, ERRORS & INCONSISTENCIES, OR OMISSIONS DISCOVERED AT ANY TIME SHALL BE REPORTED IN WRITING TO THE UNIVERSITY'S REPRESENTATIVE.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL TRADES USING THESE DOCUMENTS.
6. THE CONTRACTOR SHALL COOPERATE WITH OTHER SUBCONTRACTORS ON THE SITE AND WITH THE OWNER AND BUILDING MANAGEMENT TO ASSURE EXPEDIENT COMPLETION OF THE WORK.
7. THE CONTRACTOR MUST COMPLY WITH ALL APPROPRIATE FEDERAL, STATE, AND LOCAL REGULATORY AGENCIES, CODES, AND UNIVERSITY REQUIREMENTS. ANYTHING SHOWN ON THESE DRAWINGS NOT IN ACCORDANCE WITH THESE RULES AND REGULATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE UNIVERSITY REPRESENTATIVE IN WRITING BEFORE PROCEEDING WITH ANY WORK.
8. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN AND PROTECT ALL EXISTING AND NEW WORK WITHIN OR ADJACENT TO THE UNIVERSITY'S PROPERTY AND, IN THE EVENT OF DAMAGE, REPAIR OR REPLACE SAME.
9. THE CONTRACTOR SHALL CLEAN UP DAILY AND PERIODICALLY REMOVE ALL RUBBISH AND WASTE FROM THE JOB SITE AND PROTECT ADJACENT NON-PROJECT AREAS FROM INFILTRATION.
10. THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL OF EXISTING CONDITIONS NECESSARY TO COMPLETE THE WORK, PROTECTING CONDITIONS TO REMAIN AND CAPPING OFF OR OTHERWISE PROTECTING UTILITIES AND SERVICES IN CONFORMANCE WITH GOVERNING CODES AND BUILDING REQUIREMENTS.
11. DRAWINGS SHALL NOT BE SCALED; USE WRITTEN DIMENSIONS ONLY. ALL DIMENSIONS MUST BE VERIFIED IN FIELD.
12. ANY WORK SHOWN OR REFERRED TO ON ANY DRAWING SHALL BE PROVIDED AS THOUGH SHOWN ON ALL RELATED DRAWINGS.
13. THE CONTRACTOR SHALL HAVE COMPETENT SUPERVISION AT THE SITE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION.
14. ALL NEW MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST PRINTED SPECIFICATIONS AND WITHIN CODE REQUIREMENTS.
15. THE CONTRACTOR SHALL PATCH AS REQUIRED AFTER ALL TRADES.
16. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, AND PATCHING WORK THAT MAY BE REQUIRED TO MAKE ALL PARTS COME TOGETHER PROPERLY AND FIT TO RECEIVE OR BE RECEIVED BY WORK OF OTHER CONTRACTORS SHOWN UPON OR REASONABLY IMPLIED BY THESE DRAWINGS AND NOTES.
17. WHERE FIREPROOFING MATERIAL IS MISSING OR DAMAGED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING SAME.
18. THE CONTRACTOR SHALL PROVIDE CENTRALLY LOCATED BENCH MARKS FOR USE BY ALL TRADES.
19. THE CONTRACTOR SHALL PROVIDE SUFFICIENT FRAMING FOR ALL WALL OPENINGS FOR DUCTWORK, RETURN AIR OPENINGS ABOVE AND BELOW HUNG CEILINGS. THESE ARE TO BE COORDINATED WITH HVAC DRAWINGS AND THE MECHANICAL CONTRACTORS SHOP DRAWINGS. ALL OPENINGS SHALL BE PROPERLY SEALED FOR SOUNDPROOFING, VIBRATION, AND FIRERATING IF REQUIRED.
20. OMIT.
21. OMIT.
22. ALL METAL DOORS, BUCKS, TRIM, ETC SHALL BE PAINTED WITH ONE COAT OF PIGMENTED PRIMER SEALER, ALKYD SEMI-GLOSS PLUS TWO COATS OF ALKYD SEMI-GLOSS. COLOR SHALL MATCH ADJACENT WALL FINISH UNLESS OTHERWISE NOTED.
23. ALL GYPSUM BOARD OR PLASTER CEILINGS, LIGHT COVES, FASCIAS, AND SOFFITS SHALL BE PAINTED.
24. PRIOR TO APPLICATION OF PAINT, REMOVE ALL HARDWARE, FIXTURES, ETC., ON WALLS AND CEILINGS AND STORE IN PROTECTED AREA UNTIL READY TO BE REPLACED.
25. OMIT.
26. CONTRACTOR SHALL PROVIDE THE NECESSARY CUTOUTS, FRAMING, OR BRIDGING FOR LIGHT FIXTURES, AIR DIFFUSERS, AND REGISTERS IN THE CEILING.
27. CEILINGS IN ALL AREAS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND APPLICABLE CODES.
28. THE CEILING CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK WITH THAT OF THE PLUMBING, HVAC, ELECTRICAL CONTRACTORS AND THE TELEPHONE CONTRACTORS WHEREVER THEIR RESPECTIVE WORK IS CONTIGUOUS.
29. THE CONTRACTOR SHALL CHECK ALL CEILING HEIGHTS AND CEILING PLENUM CONDITIONS FOR CLEARANCE OF DUCTWORK, FOR LIGHTING FIXTURES TO ASSURE THE FINISHED CEILING HEIGHT SPECIFIED. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER.
30. LIGHT FIXTURES SHALL NOT BE ATTACHED TO HVAC DUCTWORK.
31. OMIT.
32. ALL ELECTRICAL WORK SHALL BE COORDINATED WITH HVAC WORK, MASONRY, SECURITY SYSTEMS, FIRE SYSTEMS, ETC.
33. ALL ELECTRICAL AND TELEPHONE WIRING CONDUIT USED IN AREAS SHALL BE CONCEALED IN DRYWALL, DEMISING PARTITIONS, AND/OR CEILING.
34. THE CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING FOR ALL CHASES IN FLOORS, WALLS, AND CEILINGS. SPECIAL CARE SHALL BE TAKEN IN THE INSTALLATION OF WALL MOUNTED FIXTURES.
35. ALL DISSIMILAR METALS IN CONTACT WITH EACH OTHER SHALL BE ISOLATED IN AN APPROVED MANNER.
36. OMIT.
37. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND OTHER ITEMS NECESSARY TO COMPLETE THE WORK SHOWN, CALLED FOR, OR INFERRED BY THESE DRAWINGS UNLESS OTHERWISE NOTED.
38. BEFORE INSTALLING NEW FLOORINGS, REMOVE ALL LAYERS OF EXISTING FLOORING AND FLASH PATCH AS REQUIRED.
39. ALL WOODWORK SHALL BE FIREPROOFED WHERE REQUIRED BY LOCAL CODES.
40. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL BLOCKING AND GROUNDS AS REQUIRED FOR THE INSTALLATION OF THE WORK.
41. ALL WORKMEN PERFORMING WORK UNDER THIS CONTRACT SHALL BE SKILLED WORKMEN IN THEIR RESPECTIVE TRADES.
42. CONTRACTOR SHALL COORDINATE ALL WORK, INCLUDING BUILDING ACCESS, MATERIAL STORAGE, ETC., WITH BUILDING OWNERS REPRESENTATIVE.
43. GRID SYSTEM, LIGHTING FIXTURE TRIMS, SUPPLY AIR DIFFUSERS, AND ALL EXPOSED TRIM SURFACES SHALL BE MATCHING IN COLOR.
44. CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SURFACES, WALLS, FLOORS, GLASS AREAS, DOORS, ETC., WHERE GENERAL CONSTRUCTION IS TO BE PERFORMED. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ANY SURFACES DAMAGED AS A RESULT OF THE WORK BEING PERFORMED.
45. CONTRACTOR AND ALL SUB-CONTRACTORS WILL SURVEY EXISTING AREA THOROUGHLY PRIOR TO SUBMISSION OF BID TO ASSURE THAT ALL WORK CAN BE DONE AS DESCRIBED AND DELINEATED IN THE NOTES AND DRAWINGS.
46. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CIRCUITING WHERE REQUIRED.
47. ALL ELECTRICAL WORK SHALL BE COORDINATED WITH CEILING WORK, WALL WORK, ETC., AS REQUIRED.
48. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON DRAWINGS AND SHALL BE RESPONSIBLE FOR POINTING OUT ANY CONFLICTS OR OMISSIONS.
49. CONTRACTOR TO PROVIDE INITIAL LAMPING FOR ALL LIGHTING FIXTURES.
50. CONTRACTOR SHALL COORDINATE FULLY AND ASSUME RESPONSIBILITY FOR ALL CHANGES IN HVAC SYSTEM.
51. CONTRACTOR TO RELOCATE AND ADAPT EXISTING HVAC ONLY AS NECESSARY TO SUIT NEW LAYOUT.
52. CONTRACTOR SHALL VERIFY THAT ALL MECHANICAL FACILITIES ARE IN GOOD WORKING CONDITION AND FREE OF LEAKS.
53. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE WIRING AND ALL ELECTRICAL POWER TO CONDUITS AND CABLES CONNECTING POWER PANELS TO BUILDING'S POWER CIRCUITS. VISIBLE ITEMS SUCH AS FIXTURES, OUTLETS, ETC., MUST BE LOCATED AS PER ARCHITECT AND ENGINEER'S DRAWINGS.
54. THE CONTRACTOR SHALL GIVE UNIVERSITY AT LEAST 48HR NOTICE OF ANY NECESSARY SERVICE OR UTILITY INTERRUPTION.

BUILDING STANDARDS NOTES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE, 2010 EDITION AND TITLE 24 REGULATIONS.
2. ALL REQUIRED EXIT DOORS SHALL BE SELF CLOSING, SMOKE TIGHT WITH APPROVED SECURITY LOCKS AND HINGES AS PER 2010 C.B.C. A SIGN SHALL BE PLACED OVER THE INSIDE OF THE DOOR WHICH SHALL READ "THIS DOOR SHALL REMAIN UNLOCKED DURING BUSINESS HOURS".
3. ALL EXIT DOORS SHALL HAVE THUMB OPERATED HARDENED DEADBOLTS WITH INDICATOR. LOCKS SHALL BE OPENABLE WITHOUT KEY, SPECIAL KNOWLEDGE, OR EFFORT ON THE INTERIOR. PER C.B.C. SEC. 1008.1.8 & 1133B.2
4. EXISTING EXITING DOORS TO REMAIN UNCHANGED, BOTTOM 10" OF ALL DOORS TO BE A SMOOTH UNINTERRUPTED SURFACE, MAXIMUM HEIGHT OF THRESHOLD TO BE 1/2". STOREFRONT GLAZING UP TO 18" FROM F.F. TO BE 1/4" TEMPERED FIX. GLASS.
5. CENTER OF ELECTRICAL OUTLETS TO BE NOT HIGHER THAN 48" A.F.F. NOR LESS THAN 18" A.F.F . PER 2010 C.B.C SEC. 1117B.6 #5
6. CENTER OF SWITCHES TO BE AT 48" A.F.F. PER 2010 C.B.C SEC. 1117B.6 #5
7. ALL PRIMARY ENTRANCES TO THE BUILDING SHALL BE ACCESSIBLE BY THE PHYSICALLY HANDICAPPED AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
8. ALL EXIT SIGNS AND EXIT WAYS SHALL BE ILLUMINATED AT ANY TIME THAT THE BUILDING IS OCCUPIED.
9. ALL EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED OR SHALL BE OF APPROVED SELF-LUMINOUS TYPE.
10. RETURN AIR PLENUMS REQUIRE NON-COMBUSTIBLE CONSTRUCTION.

FIRE SAFETY DURING CONSTRUCTION, ALTERATION, AND DEMOLITION

CALIFORNIA FIRE CODE (2010) CHAPTER 14

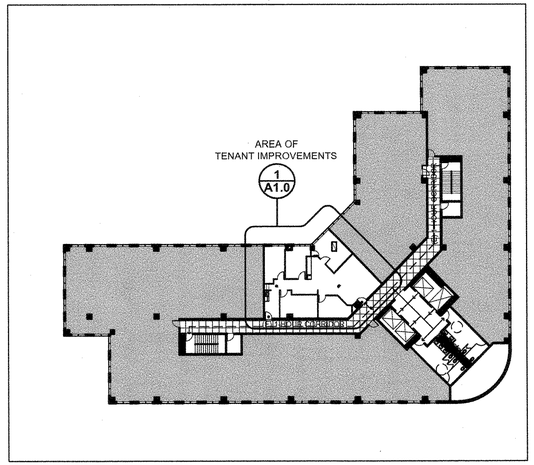
1. COMPLIANCE WITH NFPA 241 (2004 IS REQUIRED FOR ITEMS NOT SPECIFICALLY ADDRESSED HEREIN. CFC SEC 1401.1
2. THE OWNER SHALL DESIGNATE A PERSON TO BE THE FIRE PREVENTION PROGRAM SUPERINTENDENT WHO SHALL BE RESPONSIBLE FOR THE FIRE PREVENTION PROGRAM TO ENSURE THAT IT IS CARRIED OUT THROUGHOUT COMPLETION OF THE PROJECT. CFC SEC. 1408.1
3. FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH CFC SEC. 1410.1
4. ALL FIRE EQUIPMENT IS MAINTAINED. CFC SEC. 1408.4
5. COVERINGS PLACED ON OR OVER FIRE PROTECTION DEVICES TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION PROCESSES SHALL BE IMMEDIATELY REMOVED UPON COMPLETION OF THE CONSTRUCTION PROCESSED IN THE ROOM OR AREA IN WHICH THE DEVICES ARE INSTALLED. CFC SEC. 1408.7
6. REQUIRED EXITS SHALL BE MAINTAINED. TEMPORARY EXITING SHALL BE APPROVED. CFC SEC. 1411
7. FIRE-RESISTIVE ASSEMBLIES AND CONSTRUCTION SHALL BE MAINTAINED. CFC SEC. 703.1
8. OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH CFC CHAPTER 26.
9. THE USE OF TEMPORARY ENCLOSURES FOR DUST PROTEECTION SHALL BE ONLY NONCOMBUSTIBLE PANELS, FLAME-RESISTANT TARPAULINS, OR APPROVED MATERIALS OF EQUIVALENT FIRE-RETARDANT CHARACTERISTICS. ANY OTHER FABRICS OR PLASTIC FILMS SHALL BE CERTIFIED AS CONFORMING TO THE REQUIREMENTS OF TEST METHOD #2 CONTAINED IN NFPA 701, STANDARD FOR FIRE TESTS FOR FLAME PROPAGATION OF TEXTILES AND FILMS. NFPA 241 SECS. 4.3.1 AND 4.3.2

LEGEND

(N)	NEW
(E)	EXISTING
T.O.R.	TOP OF ROOF= TOP OF SHEET
T.O.P.	TOP OF PARAPET
T.O.BM.	TOP OF BEAM
T.O.PL.	TOP OF WALL PLATE
T.O.F.	TOP OF SUBFLOOR
T.O.S.	TOP OF SLAB
B.O.HD.	BOTTOM OF HEADER
EQ.	EQUAL
CL	CENTERLINE
O.C.	ON CENTER
U.N.O.	UNLESS NOTED OTHERWISE
TYP.	TYPICAL CONDITION
SIM.	SIMILAR CONDITION
4'-0"	DIMENSION TO FACE OF FINISHED SURFACE
4'-0"	DIMENSION TO CENTERLINE

APPLIES TO PLANS ONLY

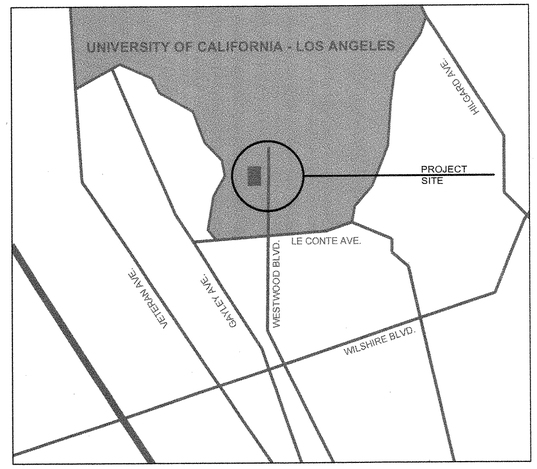
- (E) WALLS TO REMAIN
- (E) 1-HOUR CONSTRUCTION TO REMAIN
- (E) WALLS TO BE REMOVED
- (N) PARTITION WALLS - 25 GA 1 1/4 X 3 5/8 STEEL STUDS @ 16" O.C. (1 / A3.0)
- (1) DOOR KEY
- (A) WINDOW KEY
- (1) FIXTURE / EQUIPMENT KEY
- 1 REVISION KEY
- (1 / A1.0) WALL SECTION
- (1 / A1.0) DETAIL KEY
- (3 / 4 A1.0 2 / 1) INTERIOR ELEVATION KEY
- (N) DUPLEX RECEPTACLE OUTLET WALL MOUNTED (18" MIN. TO BOTTOM, 48" MAX. TO TOP) TYP. 'SC' INDICATES SEPARATE CIRCUIT 'HP' INDICATES HOSPITAL GRADE OUTLET 'EP' INDICATES EMERGENCY POWER CONNECTED TO BACK-UP SYSTEM
- (N) QUADRUPLEX RECEPTACLE OUTLET
- (N) FLOOR RECEPTACLE OUTLET
- (N) TELEPHONE/ DATA LINE OUTLET WALL MOUNTED (18" MIN. TO BOTTOM, 48" MAX. TO TOP)
- (N) FLOOR TELEPHONE / DATA LINE OUTLET
- EXIT SIGN
- (N) SWITCH WALL MOUNTED @ 42" A.F.F. C.L. U.N.O. 'OS' INDICATES OCCUPANCY SENSOR 'D' INDICATES DIMMER
- 3$ (N) 3-WAY SWITCH
- 2X4 FLUORESCENT LIGHT FIXTURE (E) INDICATES EXISTING TO REMAIN (R) INDICATES EXISTING TO RELOCATE (N) INDICATES NEW TO BE PROVIDED
- COMPACT FLUORESCENT LIGHT FIXTURE
- CO-AXIAL T.V. / DATA CABLE
- (N) JUNCTION BOX



KEY PLAN - SEVENTH FLOOR

SCALE: 1/32" = 1'-0"

2 N



VICINITY MAP

SCALE: NO SCALE

1 N

TENANT IMPROVEMENTS FOR:

U C L A
100 MEDICAL PLAZA
SUITE 730 MINOR TI

UCLA 100 MEDICAL PLAZA, SUITE 730, WESTWOOD, CA 90095

PROJECT TO COMPLY WITH BUILDING STANDARDS OF THE STATE OF CALIFORNIA
(CALIFORNIA CODE OF REGULATIONS, TITLE 24)
2010 CALIFORNIA ADMINISTRATIVE CODE (CAC) -
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2010 CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, CCR
2010 CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, CCR
BASED ON THE 2008 NATIONAL ELECTRICAL CODE (NEC)
2010 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR
BASED ON THE 2009 UNIFORM MECHANICAL CODE (UMC)
2010 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR
BASED ON THE 2009 UNIFORM PLUMBING CODE (UPC)
2010 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR
BASED ON THE 2009 INTERNATIONAL FIRE CODE (IFC)
2002 NFPA 13 INSTALLATION OF FIRE SPRINKLER SYSTEMS
2002 NFPA 72 NATIONAL FIRE ALARM CODE
TITLE 19, CALIFORNIA CODE OF REGULATIONS
PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2010 CALIFORNIA ENERGY CODE
2010 CALIFORNIA REFERENCED STANDARDS
AMERICANS WITH DISABILITIES ACT (ADA) TITLE II
ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
2010 CALIFORNIA GREEN BUILDING CODE

FIRE, LIFE, SAFETY NOTES:

ALL REFERENCES TO FIRE SPRINKLER SYSTEMS, UNDERGROUND FIRE SERVICE MAINS, STANDPIPE SYSTEMS, OR SPECIAL FIRE SUPPRESSION SYSTEMS ON THESE DRAWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND SHALL **NOT** BE USED FOR CONSTRUCTION.
FIRE PROTECTION SYSTEM SHOP DRAWINGS SHALL BE SUBMITTED TO THE UCLA FIRE MARSHAL WITH A NOTATION INDICATING THE SHOP DRAWINGS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL NOT COMMENCE UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE UCLA FIRE MARSHAL. DRAWINGS SHALL BE STAMPED BY A C-16, C-34 OR C-36 SPECIALTY CONTRACTOR, A CLASS "A" GENERAL CONTRACTOR, OR A FIRE PROTECTION ENGINEER, CIVIL ENGINEER OR MECHANICAL ENGINEER AND SHALL INCLUDE VISUAL ALARM NOTIFICATION APPLIANCES (STROBE LIGHTS).

ALL REFERENCES TO FIRE ALARMS ON THESE DRAWINGS SHALL BE USED FOR BIDDING PURPOSES ONLY AND SHALL **NOT** BE USED FOR CONSTRUCTION.
FIRE ALARM SHOP DRAWINGS SHALL BE SUBMITTED TO THE UCLA FIRE MARSHAL WITH A NOTATION INDICATING THE SHOP DRAWINGS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT COMMENCE UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE UCLA FIRE MARSHAL. FOR THE PURPOSES OF THIS APPROVAL, INSTALLATION OF THE FIRE ALARM SYSTEM SHALL INCLUDE CONDUIT, JUNCTION BOXES, WIRING, AND ANY OTHER COMPONENT INSTALLATION.

APPROVED
FIRE AND PANIC ONLY
DEC 12 2011
STATE FIRE MARSHAL
SOUTHERN REGION

OFFICE OF STATE FIRE MARSHAL
APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by:

BUILDING INFORMATION

CONSTRUCTION TYPE	TYPE I
AUTOMATIC SPRINKLER	YES
BUILDING HEIGHT	7 STORIES
OCCUPANCY TYPE	GROUP B OCCUPANCY
OCCUPANCY DESCRIPTION	OFFICE
AREA OF TENANT IMPROVEMENTS	1,467 U.S.F.

SCOPE OF WORK DESCRIPTION
MINOR INTERIOR REMODEL INCLUDING (N) WALL, (E) T-BAR CEILING, (N) FLOORING AND PAINT.
INSTALLATION OF NEW SINK AND MILLWORK, (N) OFFICE FURNITURE.

SHEET INDEX

UCLA CAMPUS
BUILDING OFFICIAL
APPROVED
DEC 4 2011
Approval does not authorize or approve violations of or deviations from applicable codes or ordinances.

Borsuk Company
BCO.
Ph. 310.451.2253 Fx. 310.451.2254
408 1/2 Palisades Ave.,
Santa Monica, California 90402
architecture + design

LICENSED ARCHITECT
NEAL M. BORSUK
No. C-25618
01/31/2013
RENEWAL DATE
STATE OF CALIFORNIA

Consultants:

Owner:
REGENTS OF THE
UNIVERSITY OF CALIFORNIA

Project:
TENANT IMPROVEMENTS FOR:
UCLA 100 MEDICAL PLAZA
SUITE 730 MINOR TI
UCLA PROJECT #20111003-158-12

Address:
UCLA 100 MEDICAL PLAZA,
SUITE 730
WESTWOOD, CA 90095

Date:
12/08/2011

Revisions:

Sheet Title:
TITLE SHEET / VICINITY MAP / KEY PLAN

Scale:
AS SHOWN

Sheet:

A0.0

DEC 09 2011

UNIVERSITY OF CALIFORNIA LOS ANGELES
BUILDING PERMIT

No Building or Structure on the property of the University of California Los Angeles shall be erected, constructed, enlarged, altered, repaired, moved, improved, removed, converted or demolished unless approval has first been obtained from the Campus Building Official, unless specifically exempted by the Building Official. No Building or Structure shall be occupied unless an occupancy permit has first been obtained from the Campus Building Official. Permission to Build or exemption from permission does not grant authorization for any work to be done in any manner in violation of provisions of the California Building Standards Code or other applicable laws or regulations.
(CBC Title 24 Appendix Chapter 1, paragraph 105.1)

UCLA INSPECTION RECORD

DO NOT CONCEAL WORK UNTIL SIGNED BY GENERAL AND SPECIALITY INSPECTORS

INSPECTORS FINALS

GENERAL: _____

HVAC: _____

ELECTRICAL: _____

PLUMBING: _____

REQUIRED SPECIAL INSPECTIONS

INSPECTION	REQ'D IF CHECKED	INSPECTOR	DATE
SOILS COMPLIANCE PRIOR TO FOUNDATION INSPECTION			
STRUCTURAL CONCRETE OVER 2500 PSI			
PRE-STRESSED CONCRETE			
POST TENSIONED CONCRETE			
FIELD WELDING			
HIGH STRENGTH BOLTS			
SPECIAL MASONRY			
APPLIED FIREPROOFING			
CHLORINATION			

FIRE MARSHAL INSPECTIONS

INSPECTION	REQ'D IF CHECKED	INSPECTOR	DATE
FIRE ALARM ROUGH CONDUITS			
FIRE ALARM FINAL			
FIRESTOPPING OF SPRINKLER PIPING & ALARM CONDUITS			
RATED CONSTRUCTION			
EXIT SIGNS & LIGHTS			
FIRE SUPPRESSION SYSTEM			
SPECIAL EXTINGUISHING SYSTEM			
PRE-ACTION			
KITCHEN HOOD SYSTEM			
FIRE SPRINKLERS ROUGH			
FIRE SPRINKLERS			
SEISMIC BRACING			
PRESSURE TEST			
FIRE STAND PIPES			
DRY			
WET			
EMERGENCY EGRESS LIGHTING			
SYSTEMS SIGNAGE			

GENERAL INSPECTIONS

PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DEMOLITION				
FOOTINGS, REINFORCEMENT				
CONCRETE WALLS AND COLUMNS				
WATERPROOFING				
SLAB ON GRADE, REINFORCEMENT				
STRUCTURAL SLAB, REINFORCEMENT				
STRUCTURAL STEEL				
SHEAR WALLS / WOOD				
WALL FRAMING ROUGH				
BACKING PLATES				
FLOOR SHEETING				
ROOF SHEETING				
WEEP SCREED FLASHING				
INSULATION				
DRYWALL				
EXTERIOR LATH				
EXTERIOR STUCCO, SCRATCH,				
BROWN				
FINISH COAT				
MASONRY				
MASONRY REINFORCEMENT				
MASONRY GROUT				
CEILING SYSTEMS - GRID				
SEISMIC POSTS / WIRES				
SEISMIC POSTS / WIRES PULL TEST / TORQUE				
DEPUTY TESTINGS				
SEE "A": SOILS				
SEE "A": CONCRETE				
SEE "A": STEEL				
SEE "A": WELDING & ANCHORAGE				

ELECTRICAL INSPECTION

PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DEMO WALLS & CEILINGS				
COND. & RACEWAY				
FIRE PADS				
ACOUSTICAL PADS				
BUSWAYS				
CONDUCTORS				
HIGH VOLTAGE				
LOW VOLTAGE				
OUTLET & J-BOXES				
CEILINGS				
WALLS				
INT. PULL BOXES				
EXT. PULL BOXES				
CABINETS				
WIRING DEVICES				
PANEL BOARDS				
SWITCHES / DISC.				
STRAPS / HANGERS				
INSERTS				
RESTRAINING DEVICES				
SEISMIC RESTRAINTS				
UNIT SUBSTATION				
HIGH VOLT. EQUIP.				
GROUNDING SYS.				
TRANSFORMERS				
HIGH VOLTAGE				
LOW VOLTAGE				
MAIN SW. GEAR				
MOTOR CONTROLS				
LIGHT. FIXTURES				
LIGHTS				
PLUGS				
TELE. EQUIP.				
CONDUITS				
OUTLETS				
CONT. - RELAY				
NAME PLATES				
WARNING SIGNS				
FINISH				
PLATES/COVERS				
COORDINATION STUDY				

PLUMBING INSPECTION

PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
CHLORINATION				
DEMOLITION				
WASTE & VENTS				
UNDERGROUND				
ABOVE / ROUGH				
LABORATORY WASTE & VENTS				
STORM DRAINS				
ROOF DRAINS, OVERFLOWS				
DOM. H&C WATER				
D.I. WATER				
INSULATION				
PIPE SUPPORT				
SEISMIC				
MED. GASES				
OXYGEN				
NITROUS OXIDE				
MEDICAL AIR				
MEDICAL VACUUM				
SITE UTILITIES				
SEWER				
STORM DRAIN				
WATER MAIN				
OUTLETS / VALVES				
FIXTURES				
BACKING				
IDENTIFICATION OF PIPELINES				
FLOOR DRAINS / SINKS				
VALVE TAGS				
VALVE CHART				
FIRESTOPPING RATED FLOORS, WALLS				
NATURAL GAS				
LOW PRESSURE				
MEDIUM PRESSURE				
HANGER INSERTS				
ACCESS PANELS				
FLOW TEST				
FLUSH / FLOW				
DISINFECTION				
BELOW GROUND				
ABOVE GROUND				

HVAC INSPECTION

PROJ #:	REMARKS	AS-BLTS	ROUGH	FINISH
DUCTS				
DEMOLITION				
SUP. AIR				
RET. AIR				
EXH. AIR				
PIPING				
POINTS OF CONNECTION				
HTG. HOT WTR.				
CHILLED WTR.				
COND. WTR.				
DRAINS				
H.P. STEAM				
L.P. STEAM				
STEAM COND. RET.				
CONTROL AIR				
FIRE DAMPER WALL FRAMING				
FIRE DAMPERS				
VOLUME DAMPERS				
ACCESS DOORS				
RESTRAINING DEVICES (NON-SEISMIC)				
CEILING ACCESS				
AIR IN & OUTLETS				
BALANCE OF AIR				
BALANCE OF WATER				
ROOF FLASHINGS				
EQUIP. & PIPE				
EQUIP. BASES				
SEISMIC BRACING				
HANGER INSERTS				
PIPE/DUCT SUPPORTS				
INSULATION/LINING				
AUTO CONTROL				
PIPE ID & VALVE TAGS				
GRILLS, REGISTERS				
DUCT DETECTORS				

PROJECT INFORMATION

Project Name: UCLA 100 MEDICAL PLAZA SUITE 730 MINOR TI

Project Number: 20111003-158-12

Building Name: 100 MEDICAL PLAZA

Street Address / Location Description: 100 UCLA PLAZA, SUITE 730 WESTWOOD, CA 90095

Type of Improvement: TENANT IMPROVEMENT

Occupancy Category: B Construction Type: I

Use: MEDICAL OFFICE

Approximate Construction Value: $75,000

Project Manager: _____

Construction Manager: DANNY KAYE

Design Professionals:

Architect: BORSUK ARCHITECTS, INC.

Structural Engineer: NONE

HVAC Engineer: MP+E CONSULTANTS

Plumbing Engineer: MP+E CONSULTANTS

Electrical Engineer: MP+E CONSULTANTS

Fire Protection Engineer: NONE

Other: _____ _____

APPROVALS

Pursuant to Section 4.1.2 of the University of California Facilities Manual and Chapter 1 of the California Building Code, permission of the Campus Building Official is hereby granted to proceed with construction of this work based on the approved construction documents, subject to all applicable laws, regulations, policies and procedures.

Significant changes to the approved plans must be reviewed and approved by the Campus Building Official

A copy of this Building Permit and of approved plans and specifications shall be retained on the jobsite at all times until final inspection has been made.

Permit is valid only when signed and stamped by the Campus Building Official.

Energy Performance Certified and Approved on sheet: _____

Fire Marshal: _____ Date: 12/12/11

Accessibility: _____ (back check) Date: 12/14/11

Campus Building Official: _____ Date: 12/14/11

UCLA CAMPUS BUILDING OFFICIAL APPROVED
DEC 14 2011
Approval does not authorize or approve violations of or deviations from applicable codes or ordinances.

APPROVED
FIRE AND PANIC ONLY
DEC 12 2011
STATE FIRE MARSHAL
SOUTHERN REGION

DEC 09 2011

Borsuk Company

Ph. 310.451.2253 Fx. 310 451.2254
408 1/2 Palisades Ave.,
Santa Monica, California 90402
architecture + design

LICENSED ARCHITECT
NEACH C. BORSUK
No. C-25518
RENEWAL DATE 01/31/2013
STATE OF CALIFORNIA

Consultants:

Owner:
REGENTS OF THE
UNIVERSITY OF CALIFORNIA

Project:
TENANT IMPROVEMENTS FOR:
UCLA 100 MEDICAL PLAZA
SUITE 730 MINOR TI
UCLA PROJECT #20111003-158-12

Address:
UCLA 100 MEDICAL PLAZA,
SUITE 730
WESTWOOD, CA 90095

Date:
12/08/2011

Revisions:

Sheet Title:
UCLA BUILDING PERMIT

Scale:
AS SHOWN

Sheet:

BP-1

DEMOLITION/CONSTRUCTION NOTES

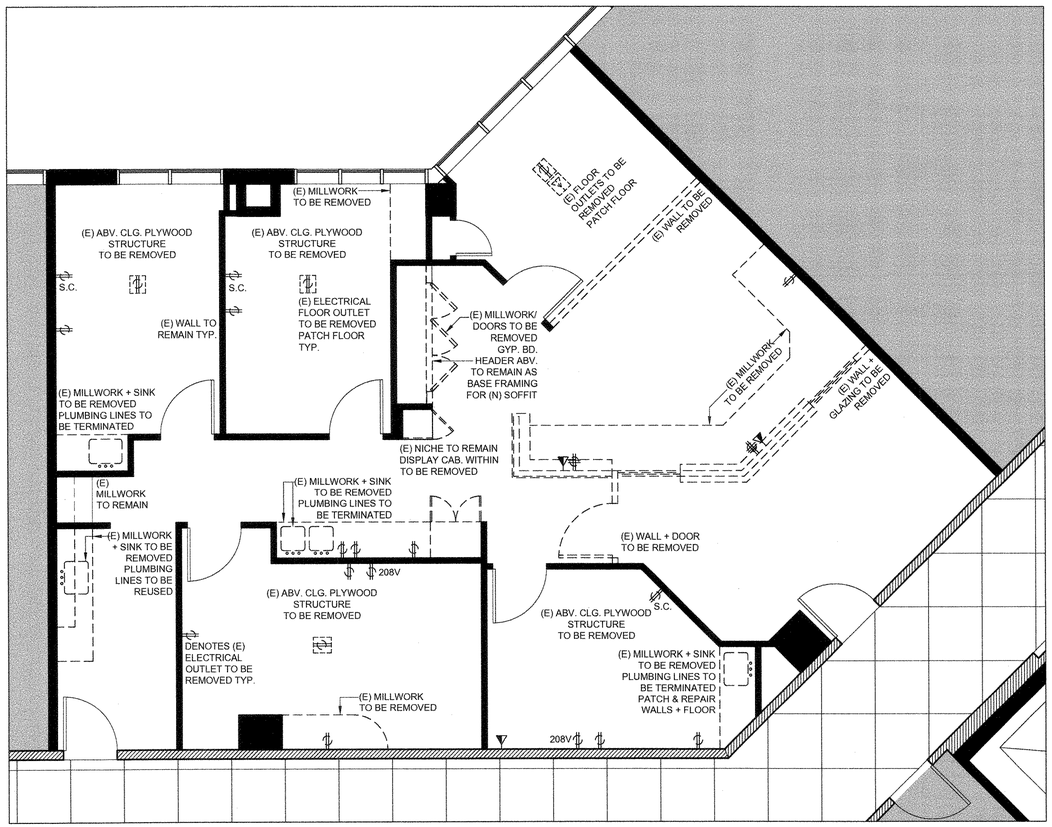
1. ALL (E) WALLS TO REMAIN TO BE PATCHED/REPAIRED AND PREPARED FOR (N) FINISH.
2. ALL FINISHES ON (E) WALLS TO REMAIN SUCH AS WALL PAPER AND DECORATIVE MOULDINGS OR SIMILAR TO BE REMOVED.
3. ALL (E) ELECTRICAL OUTLETS, SWITCHES, ELECTRICAL WIRING, AND TELEPHONE CABLES TO BE ELIMINATED, TO BE REMOVED BACK TO POINT OF ORIGIN AND TERMINATED.
4. ALL ABANDONED PLUMBING LINES, A/C DUCTS AND DIFUSSERS TO BE ELIMINATED TO BE REMOVED BACK TO FEEDER POINT AND TERMINATED.
5. ANY (E) PLUMBING LINES TO REMAIN THAT TRAVERSE THE TENANT SPACE SHALL BE RE-ROUTED INTO (N) PARTITION WALLS..
6. ALL (E) FLOORING TO BE REMOVED AND SUB-FLOOR TO BE PREPARED FOR (N) FINISH.
7. ALL (E) GYP. BD./SUSPENDED CEILING TO REMAIN TO BE PATCHED/REPAIRED . DAMAGED/STAINED CEILING TILES TO BE REPLACED.

FIXTURE/EQUIPMENT SCHEDULE (1)

MARK	ROOM NO.	ITEM	MANUFACTURER / CAT. NO.	REMARKS
'1'	006	UTILITY SINK	ELKAY LRADQ2521 W/ CHICAGO FAUCETS	25" X 21" STAINLESS STEEL W/ GOOSENECK CP +
			1100-GN2AE3-317CP OR APPROVED EQUAL	WRIST BLADES. ADA COMPLIANT
'2'	006	MICROWAVE OVEN		
'3'	006	REFRIGERATOR		
'4'	009	COPIER		

FIXTURE/EQUIPMENT NOTES

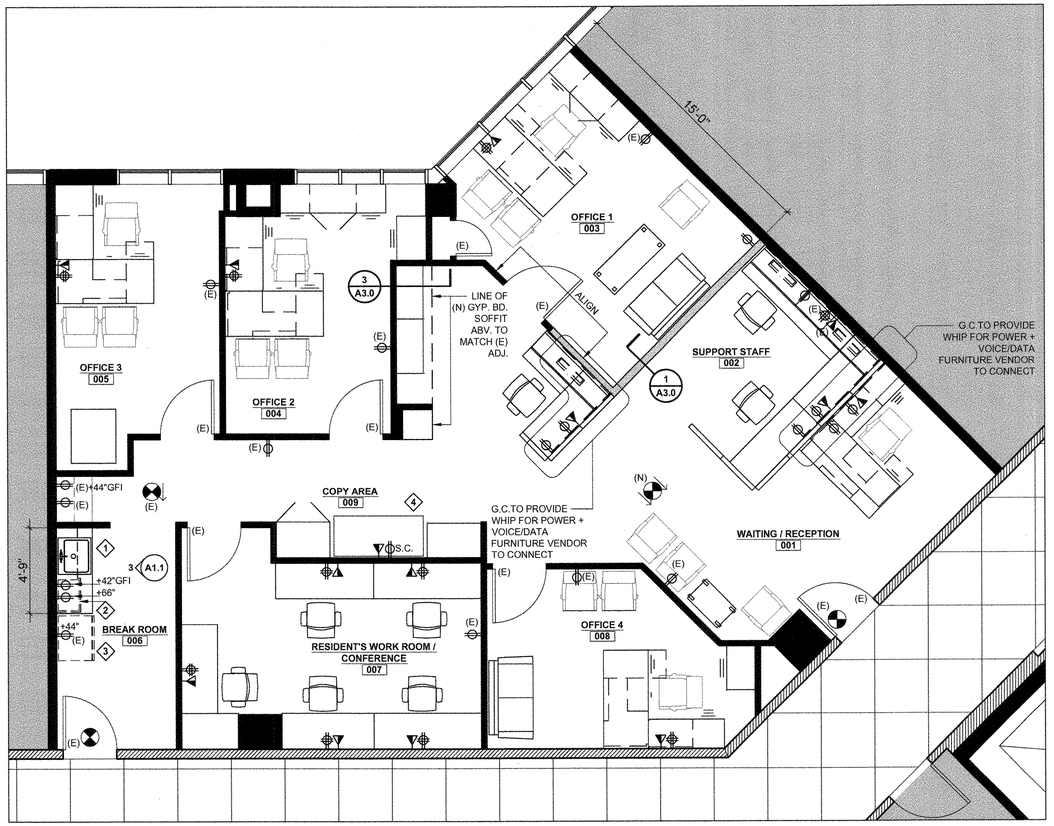
1. G.C. TO CONFIRM ALL FIXTURE/EQUIPMENT REQUIREMENTS.



DEMOLITION PLAN

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

2



CONSTRUCTION PLAN

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

1

Borsuk Company

BCO

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Santa Monica, California 90402

Sustainable Place + Design

LICENSED ARCHITECT
NEIL M. BORSUK
No. C-25618
01/31/2013
RENEWAL DATE
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Sheet Title:
CONSTRUCTION PLAN /
DEMOLITION PLAN /
SCHEDULES

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FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	CEILING	DOOR	DOOR FRAME	WALLS				MILLWORK		WINDOW TREATMENT
							N	E	S	W	C.TOP	VERT.	
001	WAITING/RECEPT	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			
002	SUPPORT STAFF	F-1	B-1	T-BAR 1			P-1	P-1	P-1	P-1			
003	OFFICE 1	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			WBL1
004	OFFICE 2	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			WBL1
005	OFFICE 3	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			WBL1
006	BREAK ROOM	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1	PL-1	PL-2	
007	CONFERENCE	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			
008	OFFICE 4	F-1	B-1	T-BAR 1	(E)	(E)	P-1	P-1	P-1	P-1			
009	COPY AREA	F-1	B-1	T-BAR 1									

MATERIAL KEY

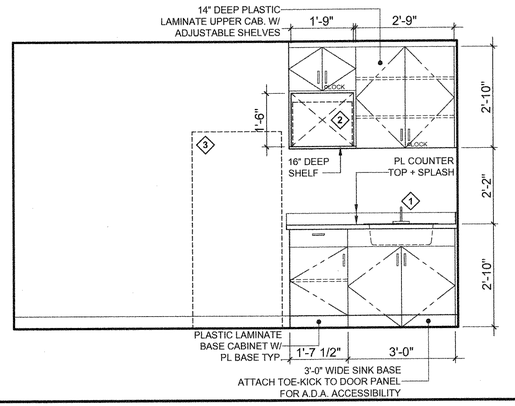
F-1	VINYL FLOORING: FORBO ETERNAL WOOD - 12802 ELEGANT OAK
B-1	BASE: BURKE 4" RUBBER BASE, MODEST PROFILE, 660 ROCKY
T-BAR1	T-BAR CEILING: MATCH (E)
P-1	PAINT: DUNN EDWARDS, DEW379 IGLOO, EGGSHELL FINISH (FIELD COLOR)
P-2	PAINT: DUNN EDWARDS, DE6356 SHEET METAL, EGGSHELL FINISH
PL-1	PLASTIC LAMINATE: T.B.D.
PL-2	PLASTIC LAMINATE: T.B.D.
WBL1	WINDOW MINI-BLINDS: T.B.D.

NOTES

1. (E) DOORS AND FRAMES TO REMAIN TO BE CLEANED/REPAIRED.
2. (E) WINDOWS AND WINDOW FRAMES TO BE CLEANED/REPAIRED.
3. (E) PLASTIC LAMINATE CASEWORK TO BE CLEANED/REPAIRED.

MILLWORK NOTES

1. ALL CABINETS TO BE LAMINATED AS SHOWN ON FINISH SCHEDULE
2. CABINETS TO BE FULL OVERLAY CONSTRUCTION
3. SHELF SUPPORTS TO BE ROW HOLES (2" O.C.) WITH PINS
4. COUNTER TOPS ARE TO BE SCRIBE CUT, U.N.O.
5. DRAWER GLIDES TO BE FULL EXTENSION
6. PLASTIC LAMINATE DOORS AND DRAWERS TO BE LAMINATED, ONE SIDE AND ALL EDGES
7. CONCEALED HINGES TO BE SELF CLOSING, 120 DEGREE MIN. (BLUM OR EQUAL)
8. GENERAL CONTRACTOR TO PROVIDE 20 GA 6X BACKING MATERIAL TOP AND BOTTOM FOR UPPER CABINETS AND AT +/- 30" A.F.F. FOR LOWER CABINETS; AND FOR ALL MILLWORK AND ALL WALL MOUNTED EQUIPMENT.
9. CONTRACTOR TO SUPPLY AND INSTALL 3 1/2" BRUSHED ALUMINUM WIRE PULLS U.N.O.
10. ALL UPPER CABINETS TO HAVE 2" TOP RAIL. (DOORS ON UPPER CABINETS TO CLEAR CEILING BY 2").
11. CONTRACTOR TO VERIFY ALL CRITICAL DIMENSIONS IN FIELD
12. CONTRACTOR TO SUBMIT ALL SHOP DRAWINGS TO THE BORSUK COMPANY FOR REVIEW



BREAK ROOM [006]

SCALE: 1/2" - 1'-0"

3

FINISH PLAN

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

2

REFLECTED CEILING PLAN

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

1

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Santa Monica, California 90402

LICENSED ARCHITECT NEAL K. BORSUK No. C-25618 01/31/2013 RENEWAL DATE STATE OF CALIFORNIA

Consultants:

Owner:
REGENTS OF THE UNIVERSITY OF CALIFORNIA

Project:
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REFLECTED CEILING PLAN / SCHEDULES

Scale:
AS SHOWN

Sheet:

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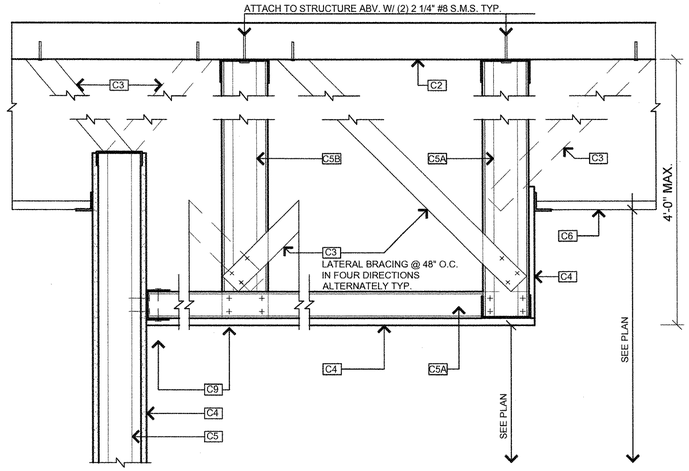
DEC 09 2011

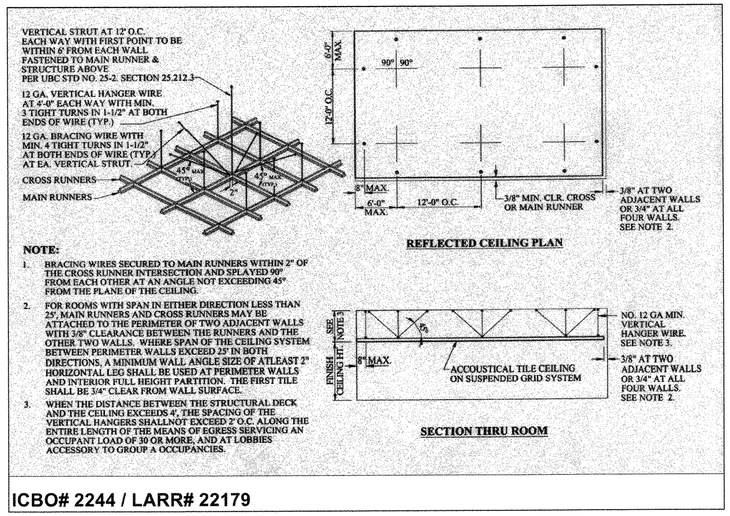


SOFFIT DETAIL

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

4

NOTE: PERIMETER MEMBERS: A MINIMUM WALL ANGLE SIZE OF AT LEAST A TWO INCH (51 MM) HORIZONTAL LEG SHALL BE USED AT PERIMETER WALLS AND INTERIOR FULL HEIGHT PARTITIONS. THE FIRST CEILING TILE SHALL MAINTAIN 3/4 INCH (19 MM) CLEAR FROM THE FINISH WALL SURFACE. AN EQUIVALENT ALTERNATIVE DETAIL THAT WILL PROVIDE SUFFICIENT MOVEMENT DUE TO ANTICIPATED LATERAL BUILDING DISPLACEMENT MAY BE USED IN LIEU OF THE LONG LEG ANGLE SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT OF BUILDING.
APPLICATION: THIS PROVISION SHALL BE REQUIRED ONLY WHEN THE SPAN OF THE PROPOSED SUSPENDED CEILING SYSTEM BETWEEN PERIMETER WALLS EXCEEDS 25 FEET IN BOTH DIRECTIONS. PERIMETER WALLS SHALL BE CONSIDERED AS THOSE EXISTING/PROPOSED INTERIOR PARTITIONS THAT ARE LATERALLY BRACED AS REQUIRED BY SECTION 91.1610 OF THE LOS ANGELES CITY BUILDING CODE.



NOTE:

1. BRACING WIRES SECURED TO MAIN RUNNERS WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90° FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING.
2. FOR ROOMS WITH SPAN IN EITHER DIRECTION LESS THAN 25', MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED TO THE PERIMETER OF TWO ADJACENT WALLS WITH 3/8" CLEARANCE BETWEEN THE RUNNERS AND THE OTHER TWO WALLS. WHERE SPAN OF THE CEILING SYSTEM BETWEEN PERIMETER WALLS EXCEED 25' IN BOTH DIRECTIONS, A MINIMUM WALL ANGLE SIZE OF ATLEAST 2" HORIZONTAL LEG SHALL BE USED AT PERIMETER WALLS AND INTERIOR FULL HEIGHT PARTITION. THE FIRST TILE SHALL BE 3/4" CLEAR FROM WALL SURFACE.
3. WHEN THE DISTANCE BETWEEN THE STRUCTURAL DECK AND THE CEILING EXCEEDS 4', THE SPACING OF THE VERTICAL HANGERS SHALLNOT EXCEED 2' O.C. ALONG THE ENTIRE LENGTH OF THE MEANS OF EGRESS SERVICING AN OCCUPANT LOAD OF 30 OR MORE, AND AT LOBBIES ACCESSORY TO GROUP A OCCUPANCIES.

ICBO# 2244 / LARR# 22179

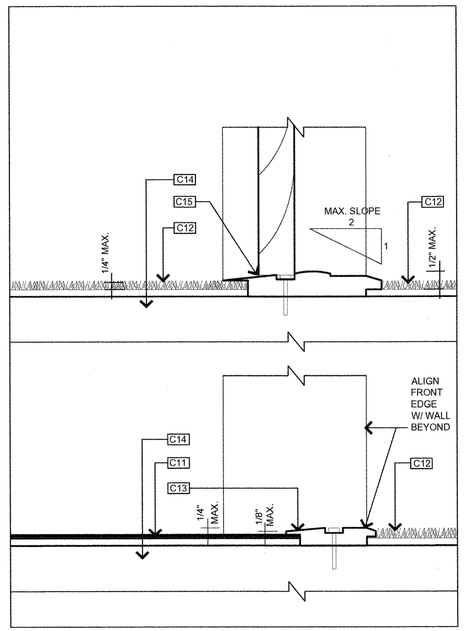
SUSPENDED CEILING VERTICAL & LATERAL SUPPORT TYP.

SCALE: NO SCALE

3

CONSTRUCTION NOTES

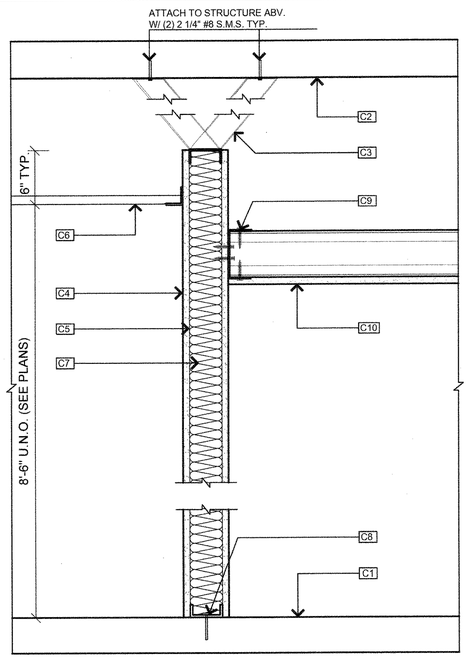
C1. (E) FLOOR
C2. (E) STRUCTURE ABOVE
C3. TYP. 2 1/2" STL. STD. REINFORCED @ 48" O.C. W/ 3 #10 S.M.S..
C4. PAINTED 5/8" TYPE X GYPSUM BOARD
C5. TYP. 25 GA 1 1/4" X 3 5/8" STL. STD. @ 16" O.C. ICBO# 4728, LARR# 25163
C5A. YP. 20 GA 1 1/4" X 3 5/8" STL. STD. @ 16" O.C. ICBO# 4728, LARR# 25163
C5B. TYP. 20 GA 1 1/4" X 3 5/8" STL. STD. @ 48" O.C. ICBO# 4728, LARR# 25163
C6. (N) T-BAR CEILING (SEE PLAN FOR HEIGHT)
C7. R11 BATT. SOUND INSULATION
C8. "HILTI" TYPE SHOT PIN @ 32" O.C. MAX. 3/16" X 1" ICBO# 2388, LARR# 25662
C9. ATTACH W/ (4) #8 S.M.S. EA. END
C10. (N) HARD LID CEILING (SEE PLAN FOR HEIGHT)
C11. VINYL COMPOSITION TILES
C12. CARPET W/ APPROVED FOAM PADDING
C13. ALUMINUM THRESHOLD @ MATERIAL CHANGE
C14. (E) SLAB TO REMAIN
C15. METAL THRESHOLD



THRESHOLD DETAIL

SCALE: 6" = 1'-0"

2



PARTITION WALL - SECTION

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

1

Borsuk Company

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Santa Monica, California 90402

ARCHITECTURE + DESIGN

LICENSED ARCHITECT
NEAL K. BORSUK
No. C-25618
01/31/2013
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DETAILS

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architecture + design

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Sheet Title:
EXISTING PUBLIC RESTROOMS
DISABLED ACCESS DETAILS

Scale:
AS SHOWN

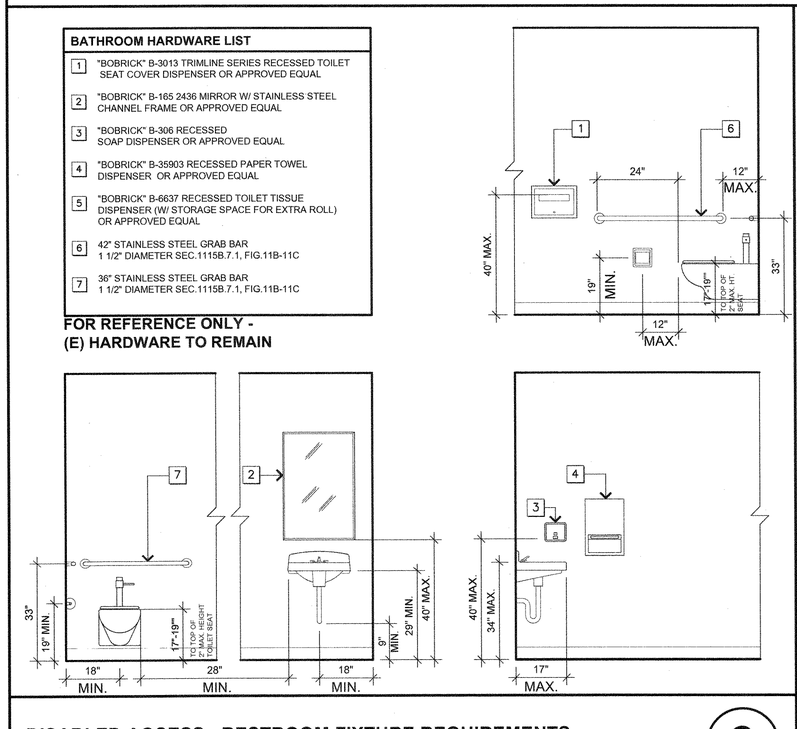
Sheet:

A3.0

BATHROOM HARDWARE LIST

1. "BOBRICK" B-3013 TRIMLINE SERIES RECESSED TOILET SEAT COVER DISPENSER OR APPROVED EQUAL
2. "BOBRICK" B-165 2436 MIRROR W/ STAINLESS STEEL CHANNEL FRAME OR APPROVED EQUAL
3. "BOBRICK" B-306 RECESSED SOAP DISPENSER OR APPROVED EQUAL
4. "BOBRICK" B-35903 RECESSED PAPER TOWEL DISPENSER OR APPROVED EQUAL
5. "BOBRICK" B-6637 RECESSED TOILET TISSUE DISPENSER (W/ STORAGE SPACE FOR EXTRA ROLL) OR APPROVED EQUAL
6. 42" STAINLESS STEEL GRAB BAR 1 1/2" DIAMETER SEC.1115B.7.1, FIG.11B-11C
7. 36" STAINLESS STEEL GRAB BAR 1 1/2" DIAMETER SEC.1115B.7.1, FIG.11B-11C

FOR REFERENCE ONLY -
(E) HARDWARE TO REMAIN

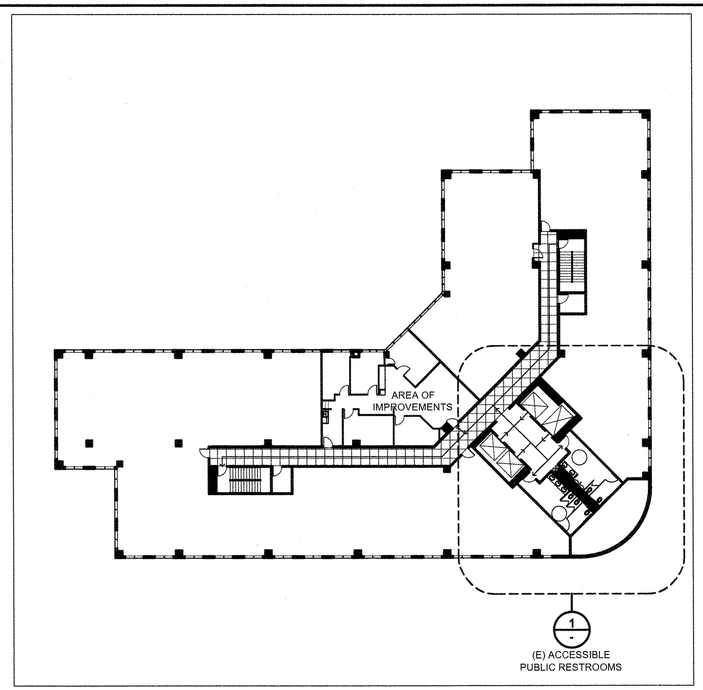


DISABLED ACCESS - RESTROOM FIXTURE REQUIREMENTS

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

FOR REFERENCE ONLY - (E) FIXTURES TO REMAIN

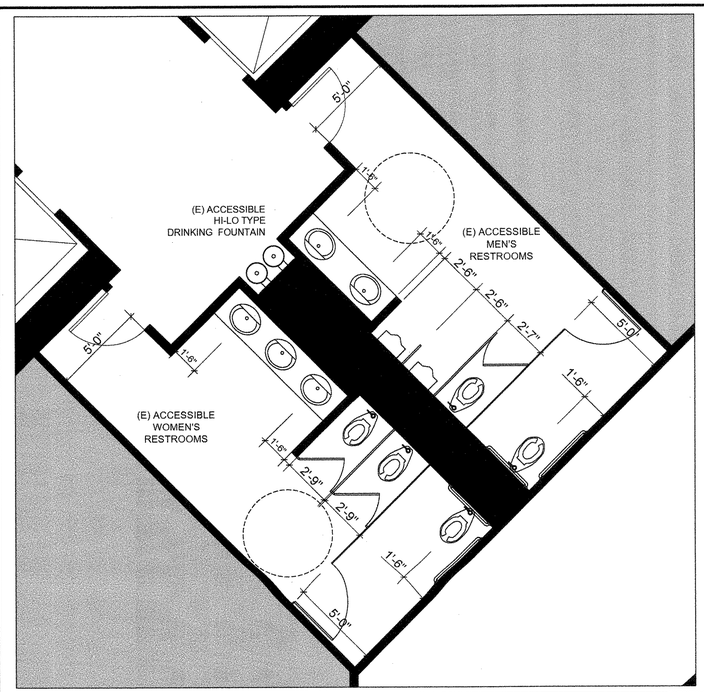
3



THIRD FLOOR - KEY PLAN

SCALE: NOT TO SCALE

2



EXISTING PUBLIC RESTROOMS - FLOOR PLAN

SCALE: 1/2" - 1'-0"

1

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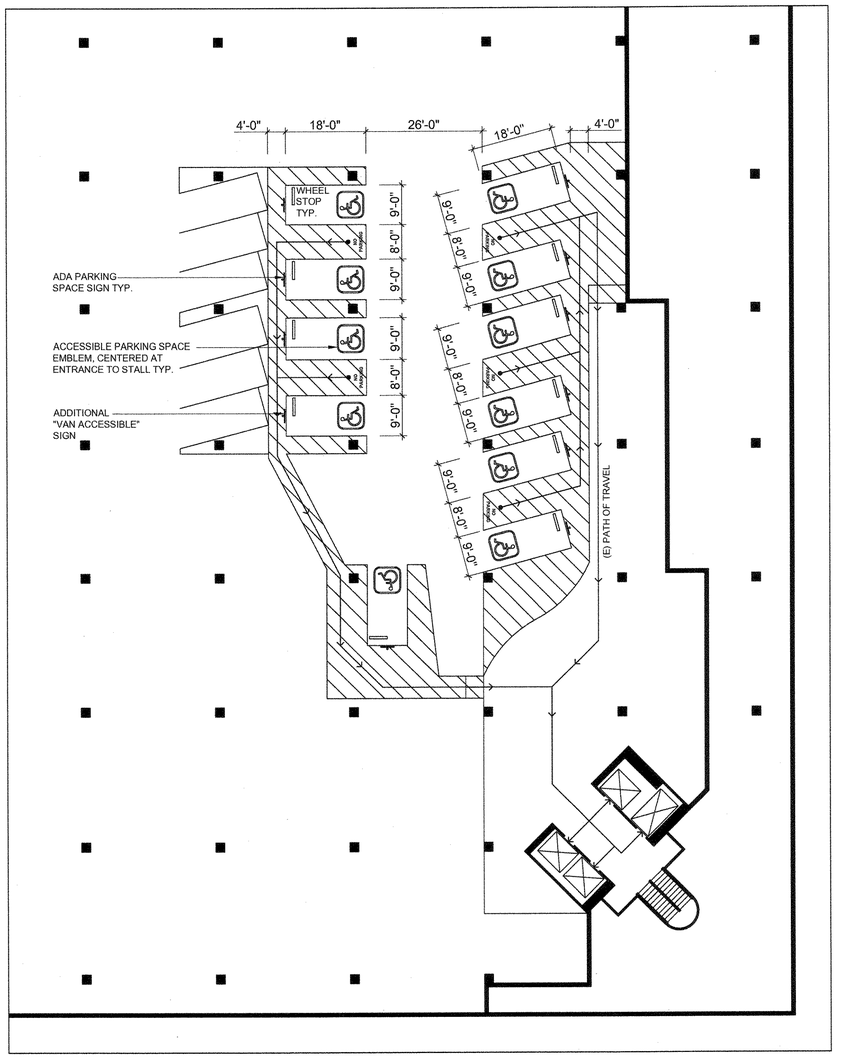

PARKING LEVEL - (E) PATH OF TRAVEL

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

1

N

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Architecture + Design

LICENSED ARCHITECT
Nicholas W. BORSUK
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PARKING LEVEL -
(E) PATH OF TRAVEL

Scale:
1/8" = 1'-0"

Sheet:

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GENERAL NOTES

1. CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS AND ALL FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND SHALL BE GOVERNED BY THESE AND OTHER SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
2. ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, TAXES, AND OTHER SIMILAR COSTS IN CONNECTION THEREWITH.
3. PRIOR TO FABRICATION OF DUCTWORK, THE CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECT OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ETC. WHICH MAY BE REQUIRED, WITHOUT ADDITIONAL COST TO THE OWNER.
4. ALL SHEET METAL DUCT CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW PRESSURE DUCT CONSTRUCTION STANDARD.
5. TURNING VANES SHALL BE INSTALLED IN ALL BENDS IN RECTANGULAR DUCT EXCEEDING 30"
6. ALL DUCTS SHALL BE SUPPORTED WITH 1"WIDE, 16 GAUGE, GALVANIZED STEEL BANDS.
7. ALL RECTANGULAR DUCT SHALL BE INSULATED WITH A MIN. OF 1"INTERNAL LINER, 2 LBS. DENSITY R-8.0. ALL ROUND DUCTS AND DIFFUSER TOPS SHALL HAVE A MIN. 2" THICK OF FOIL BACKED BLANKET TYPE INSULATION R=8, WITH ALL JOINTS BUTTED AND TAPED.
8. ALL DUCT DIMENSIONS SHOWN ON PLANS ARE INTERNAL
9. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF SUPPLY AND RETURN AIR REGISTERS, DUCTS, GRILLES AND DIFFUSERS WITH LIGHTING AND CEILING PATTERNS.
10. PROVIDE LATERAL BRACING OF ALL DUCTS AND PIPES AS REQUIRED BY CODE.
11. INSULATE AND SEAL ALL DUCTWORK PER CHAPTER 6 OF THE STATE MECHANICAL CODE (T-24, PART 4).
12. MOUNT ALL THERMOSTATS AT 42" ABOVE FINISHED FLOOR.
13. ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES.
14. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE MECHANICAL ENGINEER.
15. ALL DUCTS AND FITTING ON ROOF SHALL BE DOUBLE WALL W/2" INSULATION AS MANUFACTURED BY UNITED MC GILL TYPE ACOUSTI-K27 AND PROVIDED WITH A WEATHER PROOF COVERING OR EQUAL. EXCEPT THE INTERNAL DUCT SHALL BE SOLID.
16. DUCTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 6 OF 2010 CMC.
17. MATERIAL INSTALLED IN RETURN AIR PLENUM SHALL MEET CBC. FLAME SPREAD AND SMOKE DEVELOPMENT.
18. AIR HANDLING DUCT SYSTEMS SHALL BE CONSTRUCTED, INSTALLED, AND INSULATED AS PROVIDED IN CHAPTER 6 OF CMC, 2010
19. DUCTS SHALL BE BALANCED AND GUYED TO PREVENT LATERAL OR HORIZONTAL SWING PER CMC, 2010

SYMBOL/ABBREV./DEFINITION

SYMBOL	ABBREV	DEFINITION
1 / M-1		DETAIL TOP – I.D. NUMBER REFERENCE BOTTOM – SHT NUMBER
	SA	SUPPLY AIR DUCT
	RA	RETURN AIR DUCT
	EA	EXHAUST AIR DUCT
	FC	FLEXIBLE CONNECTION
R		INCLINED DUCT RISE
D		INCLINED DUCT DROP
		ACOUSTICAL DUCT LINING
12 / 400		SUPPLY AIR DIFF. TOP – NECK SIZE BOTTOM – CFM
		RETURN AIR GRILLE, CFM, TYPE
		45 DEGREE DUCT TAP IN WITH CONICAL FITTING
FS		COMBINATION FIRE/SMOKE DAMPER
T	T	THERMOSTAT
CD	CD	CONDENSATE DRAIN
	FA	FRESH AIR
	UTR	UP THRU ROOF
	VD	VOLUME DAMPER
DSD	DSD	DUCT SMOKE DETECTOR
		EQUIPMENT TO BE REMOVED
	POC	POINT OF CONNECTION
RL	RL	REFRIGERANT LIQUID LINE
RV	RV	REFRIGERANT VAPOR LINE
U/C	U/C	1"DOOR UNDERCUT
	POD	POINT OF DISCONNECT
	POC	POINT OF CONNECTION

ABBREV.	DEFINITION
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BEL	BELOW
BLDG	BUILDING
C	COLD AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONT	CONTINUATION
DET	DETAIL
DN	DOWN
DRWG	DRAWING
EL	ELEVATION
EXH	EXHAUST
EXIST	EXISTING
FIN	FINISH
FLR	FLOOR
GALV	GALVANIZED
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMP
MIN	MINIMUM
MECH	MECHANICAL
MFS	MAXIMUM FUSE SIZE
OPNG	OPENING
FA	FRESH AIR
POC	POINT OF CONNECTION
RLA	RATED LOAD AMPS
TEMP	TEMPERATURE
TYP	TYPICAL

DIFFUSERS/REGISTERS SCHEDULE

TYPE	A	B	C	D	E	F	G	H
CEILING	T-BAR	T-BAR	C-BOARD	B-BD	GYPBOARD	GYPBOARD	EXHAUST	GYPBOARD
PRICE	APDMC	APDDR	AMCD TYPE 1	PDR	AMCD TYPE 6	80/80D	81/81D	530/530D
FACE TYPE	PR	PR	LOUVER	PR	SQ	EG	EG	SW
MOUNTING	FL	FL	S	S	S-BEVELLED	S	S	S
PATTERN	ADJ	–	ADJ	–	ADJ	FIX	FIX	FIX
DAMPER	VD	VD	VD	VD	OB	OB	OB	–
MATERIAL	ST	ST	AL	AL	AL	AL	AL	ST
FINISH	W	W	W	W	W	W	W	W
USE	SUPPLY	RETURN	SUPPLY	RETURN	SUPPLY	RETURN	EXHAUST	RETURN

FACE TYPE:
RD – ROUND
PR – PERFORATED
SW – SIDEWALL DISCHARGE

MOUNTING:
FL – FLUSH
S – SURFACE

FINISHES:
W– WHITE
MATERIAL:
ST – STEEL

PATTERN:
ADJ – ADJUSTABLE
4W – FOUR WAY
FIX – FIXED

DAMPERS:
OB – OPPOSED BLADE
VD – VOLUME DAMPER

(E)VARIABLE AIR VOLUME UNIT SCHEDULE

SYMBOL	MODEL	SIZE	INLET SIZE AIR FLOW			MIN. DELTA Ps IN WG	FIELD NOTES
			COLD DECK	MIN.	MAX.		
(E)VAV-8	VVR-8	8	8"ø	210	700	–	–
(E)VAV-10	WR10	10	10"ø	420	1400	–	–

1. MAX DELTA PRESSURE BASED ON 0.5" S.P. AT DESIGN CFM
2. NC BASED ON 10 db ROOM AND STC-39 CEILING
3. PROVIDE 5 FOOT LINED SOUND ATTENUATOR FOR ALL BOXES
4. MIN SETTINGS: 30 %
5. ALL MODELS ARE BASED ON ACCO PRODUCTS
6. REPLACE ALL VAV BOX CONTROLLERS IF NOT MATCHING BUILDING STANDARDS

VAV / 5 — EQUIPMENT / EQUIPMENT I.D. NUMBER

SCOPE OF WORK

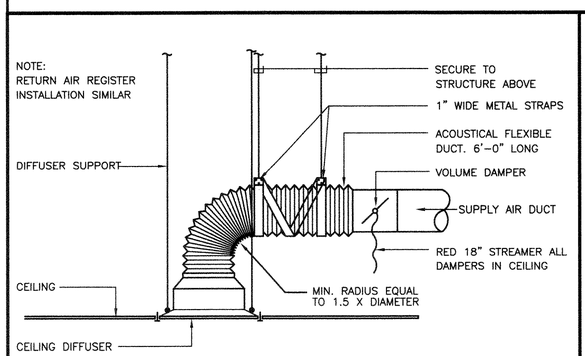
THE SCOPE OF WORK INCLUDES THE TENANT IMPROVEMENT FOR APPROXIMATELY 1,500 SQUARE FEET UTILIZING THE EXISTING VARIABLE AIR VOLUME BOXES WITH HOT WATER REHEAT FOR THE EXTERIOR ZONES AND WITHOUT HOT WATER REHEAT FOR INTERIOR ZONES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION, EXTENSION, REMOVAL AND ADDITION OF ALL SUPPLY AIR DUCTWORK, AIR DISTRIBUTION AND TEMPERATURE SENSORS. ALL NEW VAV BOXES WITH INDIVIDUAL CONTROLS AS SHOWN ON PLANS.

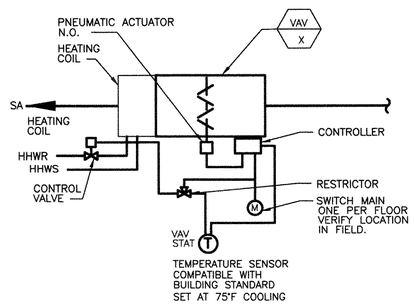
ALL WORK SHALL COMPLY WITH THE 2010 CALIFORNIA MECHANICAL CODE (CMC).

ALL MATERIAL EXPOSED IN DUCTS OR PLENUMS SHALL BE PLENUM RATED NON-COMBUSTIBLE PER 2010 CMC, 602.2,

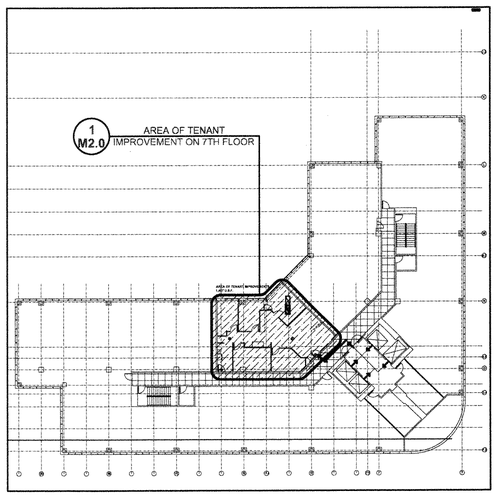
SHEET INDEX



SUPPLY AIR DIFFUSER W/FLEX CONN. | SCALE: NONE | 2

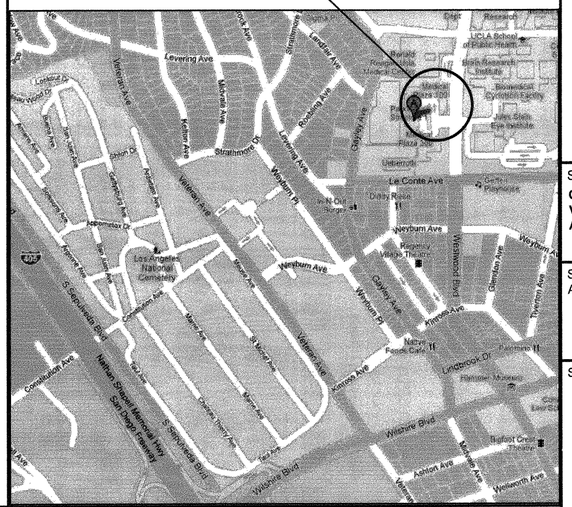


VAV BOX PNEUMATIC CONTROLS | SCALE: NONE | 1



SITE PLAN
SCALE: NONE

PROJECT SITE



VICINITY MAP
SCALE: NO SCALE

N

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REGENTS OF THE UNIVERSITY OF CALIFORNIA

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UCLA 100 MEDICAL PLAZA
SUITE 730 MINOR TI
UCLA PROJECT #20111003-158-12

Address:
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WESTWOOD, CA 90095

Date:
12/12/2011

Revisions:

APPROVED
FIRE AND PANIC ONLY
DEC 12 2011
STATE FIRE MARSHAL
SOUTHERN REGION

Sheet Title:
GENERAL NOTES, SCHEDULES VICINITY MAP / KEY PLAN AND DETAILS

Scale:
AS SHOWN

Sheet:

M1.0

MECHANICAL VENTILATION AND REHEAT

MECH-3C

Project Name: UCLA 100 MED PLAZA SUITE 730

Date: 12/13/2011

	MECHANICAL VENTILATION (§121(b)2)								REHEAT LIMITATION (§144(d))				
	AREA BASIS			OCCUPANCY BASIS					VAV MINIMUM				
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Zone/System	Condition Area (ft^2)	CFM per ft^2	Min CFM By Area B X C	Number Of People	CFM per Person	Min CFM by Occupant E X F	REQ'D V.A. Max of D or G	Design Ventilation Air CFM	50% of Design Zone Supply CFM	B X 0.4 CFM / ft^2	Max. of Columns H, J, K, 300 CFM	Design Minimum Air Setpoint	Transfer Air
(E)VAV-8 Interior Zone	*1,040*	*0.15*	*156*	*10.4*	*15.0*	*156*	*156*	*156*	*350*	*416*	*416*	*210*	
(E)VAV-10 Exterior Zone	*500*	*0.15*	*75*	*5.0*	*15.0*	*75*	*75*	*75*	*700*	*200*	*700*	*420*	
(E)Main Air Handling System						*Total*	*231*	*231*					
			Totals						Column I Total Design Ventilation Air				

C	Minimum ventilation rate per Section §121, Table 121-A.
E	Based on fixed seat or the greater of the expected number of occupants and 50% of the CBC occupant load for egress purposes for spaces without fixed setting.
H	Required Ventilation Air (REQ'D V.A.) is the larger of the ventilation rates calculated on an AREA BASIS or OCCUPANCY BASIS (Column D or G).
I	Must be greater than or equal to H, or use Transfer Air (column N) to make up the difference.
J	Design fan supply CFM (Fan CFM) x 50%; or the design zone outdoor airflow rate per §121.
K	Condition area (ft^2) x 0.4 CFM / ft^2; or
L	Maximum of Columns H, J, K, or 300 CFM.
M	This must be less than or equal to Column L and greater than or equal to the sum of Columns H plus N.
N	Transfer Air must be provided where the Required Ventilation Air (Column H) is greater than the Design Minimum Air (Column M). Where required, transfer air must be greater than or equal to the difference between the Required Ventilation Air (Column H) and the Design Minimum Air (Column M), Column H minus M.

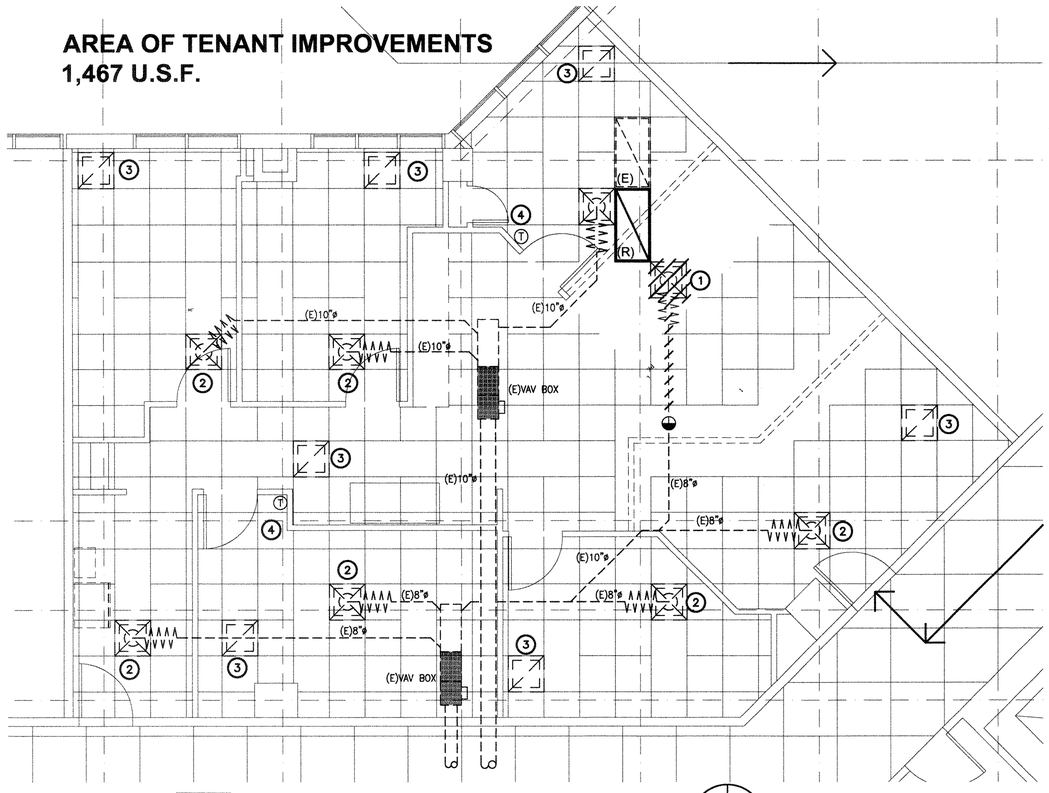
DEMOLITION PLAN KEY NOTES:

1. RELOCATE DIFFUSER. EXTEND FLEX DUCT TO NEW LOCATION. MATCH EXISTING DUCT SIZE.
2. (E)SAPPLY AIR DIFFUSER AND DUCT TO REMAIN. REBALANCE PER CFM SHOWN ON PLAN.
3. (E)RETURN AIR REGISTER TO REMAIN.
4. (E)TEMPERATURE SENSOR. VERIFY EXACT LOCATION. RELOCATE IF IS LOCATED ON WALL SLATED FOR REMOVAL.

NEW PLAN KEY NOTES:

1. NEW VAV BOX SHALL BE COMPATIBLE WITH WITH JOHNSON CONTROLS PNEUMATIC TEMPERATURE SENSOR TO MATCH EXISTING.
2. RELOCATED SUPPLY AIR DIFFUSER.

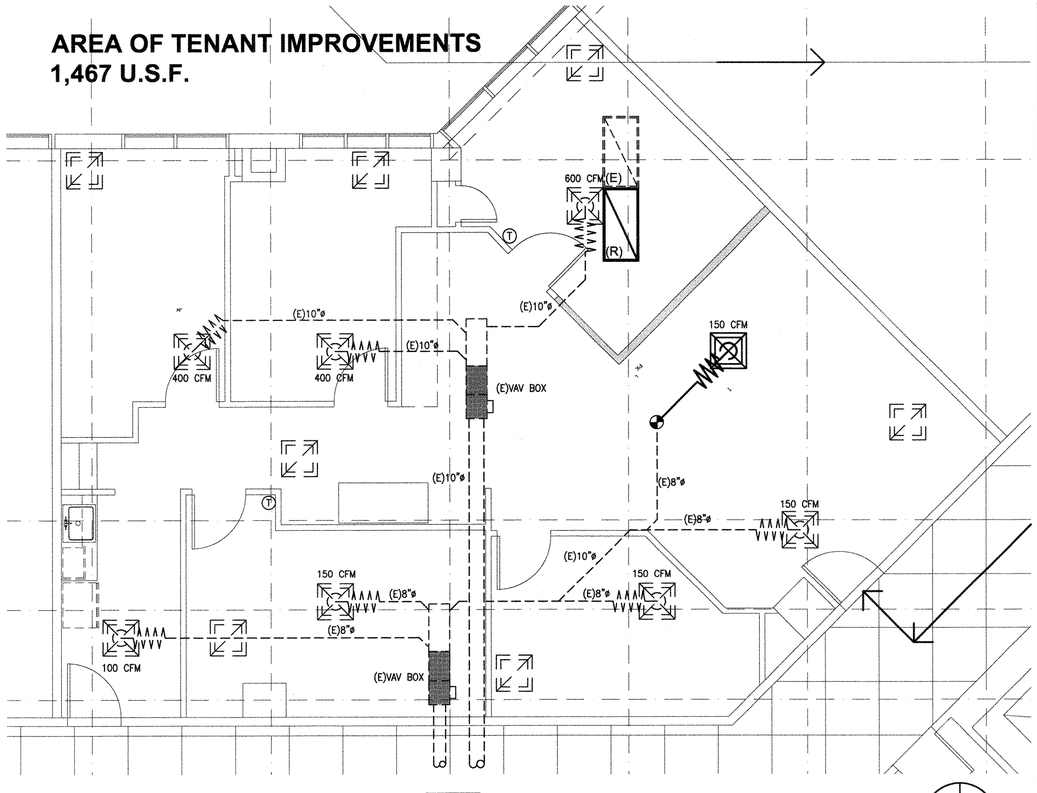
AREA OF TENANT IMPROVEMENTS
1,467 U.S.F.



1 MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

N

AREA OF TENANT IMPROVEMENTS
1,467 U.S.F.



2 NEW MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

N

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Sheet Title:
DEMOLITION AND NEW MECHANICAL PLANS

Scale:
AS SHOWN

Sheet:
M2.0

PROJECT NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH, BUT NOT LIMITED TO, THE STATE OF CALIFORNIA AND AUTHORITIES HAVING JURISDICTION.
2. PLUMBING DRAWINGS AND LAYOUTS ARE DIAGRAMMATIC TO SHOW DESIGN INTENT AND FINISHED CONDITIONS. CONTRACTOR SHALL COORDINATE PIPING WITH EXISTING CONDITIONS. IF FIELD CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS AND EFFECT PLUMBING WORK, INFORM ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THAT AREA.
3. PRIOR TO BIDDING, CONTRACTOR TO VISIT SITE AND VERIFY FIELD CONDITIONS, DIMENSIONS, SPACING AND ROUTING OF ALL PLUMBING PIPING. ANY DISCREPANCIES WITH FIELD CONDITIONS AND THESE DOCUMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR IMMEDIATE RESOLUTION. CONTRACTOR SHALL COORDINATE ALL WORK FOR CLEARANCES PRIOR TO THE START OF WORK.
4. CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES CONNECTION REQUIREMENTS PRIOR TO START OF WORK.
5. SEE ARCHITECTURAL DRAWINGS FOR SCOPE AND EXACT PLUMBING FIXTURE LOCATIONS AND QUANTITIES.
6. ALL WATER PIPING LOCATED ABOVE CEILING, REQUIRING TEMPORARY OR PERMANENT CAPPED CONNECTIONS SHALL BE PROVIDED WITH LINE-SIZE SHUT-OFF VALVES.
7. ALL CLEANOUTS SHALL BE ACCESSIBLE AND INSTALLED PER UPC SECTION 707.0 & 719.0,
8. PROVIDE ACCESS PANELS IN WALLS FOR SHUT-OFF VALVES, TRAP PRIMERS AND WATER HAMMER ARRESTERS. CONTRACTOR IS ADVISED THAT ITEMS REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE THE AREAS OF GYPSUM BOARD CEILING WITHOUT CONSENT OF ARCHITECT. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECTURAL DRAWINGS.
9. HANDICAPPED PLUMBING FIXTURES SHALL BE MOUNTED AT REQUIRED HEIGHTS AND WITH ALL RELATED ACCESSORIES AS REQUIRED BY THE STATE OF CALIFORNIA, AND AMERICANS WITH DISABILITIES ACT (ADA).
10. PROVIDE AND INSTALL CHROME PLATED ANGLE STOPS AT ALL FIXTURES.
11. COORDINATE ELECTRICAL CHARACTERISTICS OF EQUIPMENT WITH ELECTRICAL SCOPE OF WORK PRIOR TO ORDERING EQUIPMENT.
12. CONTRACTOR SHALL PROVIDE COMPLETE AS-BUILT DRAWINGS PRIOR TO COMPLETION OF PROJECT FOR REVIEW BY ARCHITECT/ENGINEER.
13. CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS REQUIRED TO COMPLETE WORK.
14. CONTRACTOR SHALL PROVIDE A COMPLETE PLUMBING SUBMITTAL FOR ALL PIPING, EQUIPMENT, VALVES, ETC. TO ARCHITECT/ENGINEER FOR REVIEW AND PRIOR TO INSTALLATION OF WORK.
15. DURING CONSTRUCTION, PROVIDE MECHANICAL PLUGS IN OPEN DRAINS TO PREVENT DAMAGE. ALL WATER PIPING LOCATED ABOVE CEILING, REQUIRING TEMPORARY OR PERMANENT CAPPED CONNECTIONS, SHALL BE PROVIDED WITH LINE-SIZE SHUT-OFF VALVES.
16. WATER CONSERVATION FOR PLUMBING FIXTURES SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA:
    a. LAVATORIES IN PUBLIC RESTROOMS SHALL HAVE HOT WATER CONTROLS THAT COMPLY WITH THE FOLLOWING REQUIREMENTS:
       (1) MAXIMUM FLOW RATE: 0.5 GALLONS PER MINUTE (GPM).
       (2) MAXIMUM OUTLET TEMPERATURE: 110 DEGREES F.
17. ALL LAVATORY FAUCETS SHALL BE PROVIDED WITH CODE-APPROVED FLOW RESTRICTORS.
18. WATER PIPING ABOVE SLAB SHALL BE TYPE "L" COPPER. HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK INSULATION INTENDED FOR BURIAL IN CONCRETE.
19. PROVIDE LINE SIZE SHUT OFF VALVE ON ALL BRANCHES SERVING MORE THEN TWO PIECES OF EQUIPMENT. PROVIDE ACCESS DOOR (COORDINATED WITH ARCHITECT) WHEN LOCATION FALLS ABOVE A HARD CEILING.
20. ALL HOT WATER PIPING TO BE INSULATED PER C.E.C. STANDARDS.
21. ALL PLUMBING FIXTURES AND EQUIPMENT SHALL HAVE ISOLATING VALVES ON WATER SUPPLY LINES.
22. SLOPE FOR DRAINAGE AND BUILDING SEWER SHALL BE 2%.
23. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES IN HEIGHT ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT.
24. FLAT VENTS (i.e.HORIZONTAL VENTS BELOW THE FLOOD RIM OF THE FIXTURE) SHALL NOT BE ALLOWED FOR PLUMBING FIXTURES THAT ARE WITHIN TRAP ARM DISTANCE OF THE WALLS.
25. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE PLUMBING CODE.
26. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
27. THE FORCE REQUIRED TO ACTIVATE FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 LBF.
28. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

SYMBOLS/ABBREV/DEFINITIONS

SYMBOL	ABBREV.	DEFINITION
ICW	ICW	INDUSTRIAL COLD WATER
CW	CW	COLD WATER
HW	HW	HOT WATER
HWR	HWR	HOT WATER RETURN
S (OR) W	S (OR) W	SEWER OR WASTE ABOVE GRADE
S (OR) W	S (OR) W	SEWER OR WASTE BELOW GRADE
V	V	VENT
D	D	INDIRECT DRAIN
GV	GV	GATE VALVE
GLV	GLV	GLOBE VALVE
OS & Y	OS & Y	OUTSIDE SCREW AND YOKE VALVE
ANV	ANV	ANGLE VALVE
CV	CV	SWING CHECK VALVE
NCV	NCV	NON-SLAM CHECK VALVE
BC	BC	BALANCING COCK
PRV	PRV	PRESSURE REDUCING VALVE
DN	DN	RISER DOWN
		RISER UP
		RISE OR DROP
		VALVE IN RISER
WCO	WCO	WALL CLEANOUT
CO	CO	CLEANOUT PLUG
FCO	FCO	FLOOR CLEANOUT, CLEANOUT TO GRADE
		CAP OR PLUG ON END OF PIPE
HDR	HDR	HEADER
FU	FU	PLUMBING FIXTURE UNIT
SPO	SPO	SOIL PLUGGED OUTLET
VCO	VCO	VENT CAPPED OUTLET
		EQUIPMENT SHOWN HATCH
		IS TO BE REMOVED
POC	POC	POINT OF CONNECTION
POD	POD	POINT OF DISCONNECTION

ABBREV.	DEFINITION
ABV	ABOVE
AD	ACCESS DOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BEL	BELOW
BLDG	BUILDING
CW	COLD WATER
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
EL	ELEVATION
ENCL	ENCLOSURE
EXIST	EXISTING
FIN	FINISH
FLR	FLOOR
FS	FLOOR SINK
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
HW	HOT WATER
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MIN	MINIMUM
MECH	MECHANICAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
PLBG	PLUMBING
POC	POINT OF CONNECTION
SCR	SCREEN
TEMP	TEMPERATURE
TYP	TYPICAL
V	VACUUM

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	TRAP	FIXT. UNITS WASTE	FIXT. UNITS CW	ROUGH-INS WASTE	ROUGH-INS VENT	ROUGH-INS CW	ROUGH-INS HW	FLOW RATE STANDARD	* FLOW RATE 20%RED.	REMARKS
S 1	BREAK ROOM SINK	1 1/4"x1 1/2"	2	2	2"	2"	1/2"	1/2"	2.2 GPM @ 60 PSI	1.8 GPM @ 60 PSI	ELKAY LRADQ2521, (2)4"HOLE ON CENTER WITH CHICAGO FAUCET 1100-GN2AE3-317CP W/WRISTBLADE HANDLES OR APPROVED EQUAL. PROVIDE COMPLETE WITH HOT, COLD WATER HOSES, STOP VALVES, P-TRAP AND P-TRAP INSULATION. SEE ARCHITECT DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE WATER FILTER. SUBMIT FILTER SUBMITTAL FOR APPROVAL.

NOTE: * MAXIMUM FLOW RATE AT 20%REDUCTION PER 2010 CGC, TABLE 5.303.2.3. PROVIDE AERATORS TO ALL FAUCETS THAT LIMIT THE FLOW OF WATER TO THOSE QUANTITIES SHOWN ON THIS SCHEDULE.

PIPE MATERIAL SCHEDULE

SERVICE	MATERIAL	COPPER TYPE "M"	COPPER TYPE "L"	COPPER TYPE "K"	BLACK STEEL	CAST IRON SOIL PIPE & FITTINGS	SCHED 40 PVC.
DOMESTIC WATER	ABOVE FLOOR		•				
	BELOW FLOOR		•				
SANITARY DRAINAGE	INSIDE					•	
SAN. VENT	INSIDE			•		•	

GOVERNING CODES

2010 BUILDING CODE.

2010 CALIFORNIA MECHANICAL CODE.

2010 CALIFORNIA PLUMBING CODE.

2007 UNIFORM FIRE CODE WITH STATE AMENDMENTS (2001 CALIFORNIA BUILDING CODE- PART 9, TITLE 24, CCR)

TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

2008 CALIFORNIA ENERGY CODE (CEC)

SHEET INDEX

MINIMUM PIPE INSULATION

FOR TYPE "L" COPPER HOT WATER PIPING 105°F-200°F.

PIPE DIAMETER (IN INCHES)		INSULATION THICKNESS
1 RUNOUTS	UP 2" INCHES	1.0
2 BRANCHES, MAINS & LOOPS	1" & LESS	1.0
	1.25 TO 2"	1.0
	2.50 TO 4"	1.5

NOTES:
1. "RUNOUTS" ARE PIPING THAT IS 12 FEET LONG OR LESS AND THAT IS CONNECTED TO FIXTURES OR INDIVIDUAL TERMINAL UNITS.
2. "BRANCHES, MAINS & LOOPS" ARE CIRCULATING PIPING AND PIPING THAT IS OVER 12 FEET LONG AND THAT IS CONNECTED TO FIXTURES OR INDIVIDUAL TERMINAL UNITS.

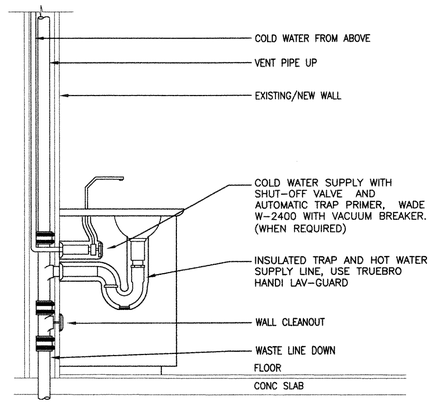
PLAN CHECK NOTE:
ALL DOMESTIC HOT WATER PIPING 2"OR LESS SHALL BE THERMALLY INSULATED WITH MINIMUM R-6 INSULATION FROM SOURCE TO POINT OF USE.

SCOPE OF WORK

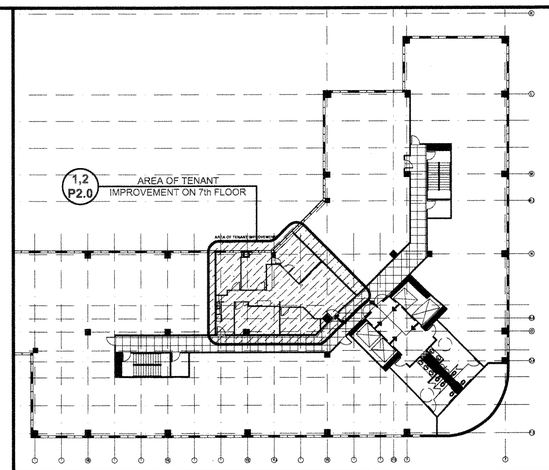
THE SCOPE OF WORK FOR THIS PROJECT INCLUDES THE TENANT IMPROVEMET FOR THIS SPACE ONLY.

THE CONTRACTOR SHALL PERFORM ALL WORK WITHOUT DISTURBANCE OR INTERRUPTION TO OTHER TENANTS IN THIS BUILDING. ALL SEWER, VENT, HOT AND COLD WATER LINES INSTALLATION SHALL BE ISOLATED UP UNTIL THE FINAL CONNECTION IS MADE AT WHICH TIME THE CONTRACTOR SHALL COORDINATE THE TIME WITH ALL TENANTS AFFECTED BY THE SHUT-DOWN OF THE UTILITIES.

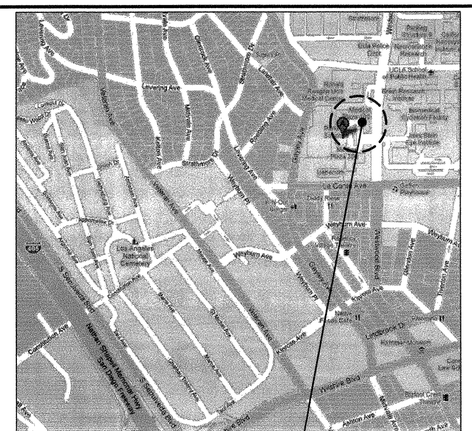
THE CONTRACTOR SHALL FLUSH THE SECTIONS OF THE DOMESTIC WATER SYSTEM THAT IS AFFECTED BY THIS SCOPE OF WORK, INCLUDING, BUT NOT LIMITED TO THE FLOOR IN WHICH THE TENANT IS LOCATED, OR THE ENTIRE BUILDING AS NEEDED IF ISOLATION OF PIPING IS NOT FEASIBLE.



SINK PIPING — SCALE: NONE — 1



KEY PLAN
SCALE: NONE



PROJECT SITE

VICINITY PLAN
SCALE: NONE

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Revisions:

APPROVED
FIRE AND PANIC ONLY
DEC 13 2011
STATE FIRE MARSHAL
SOUTHERN REGION

Sheet Title:
LEGEND, NOTES, SCHEDULES, DETAILS, KEY PLAN AND VICINITY MAP

Scale:
AS SHOWN

Sheet:
P1.0

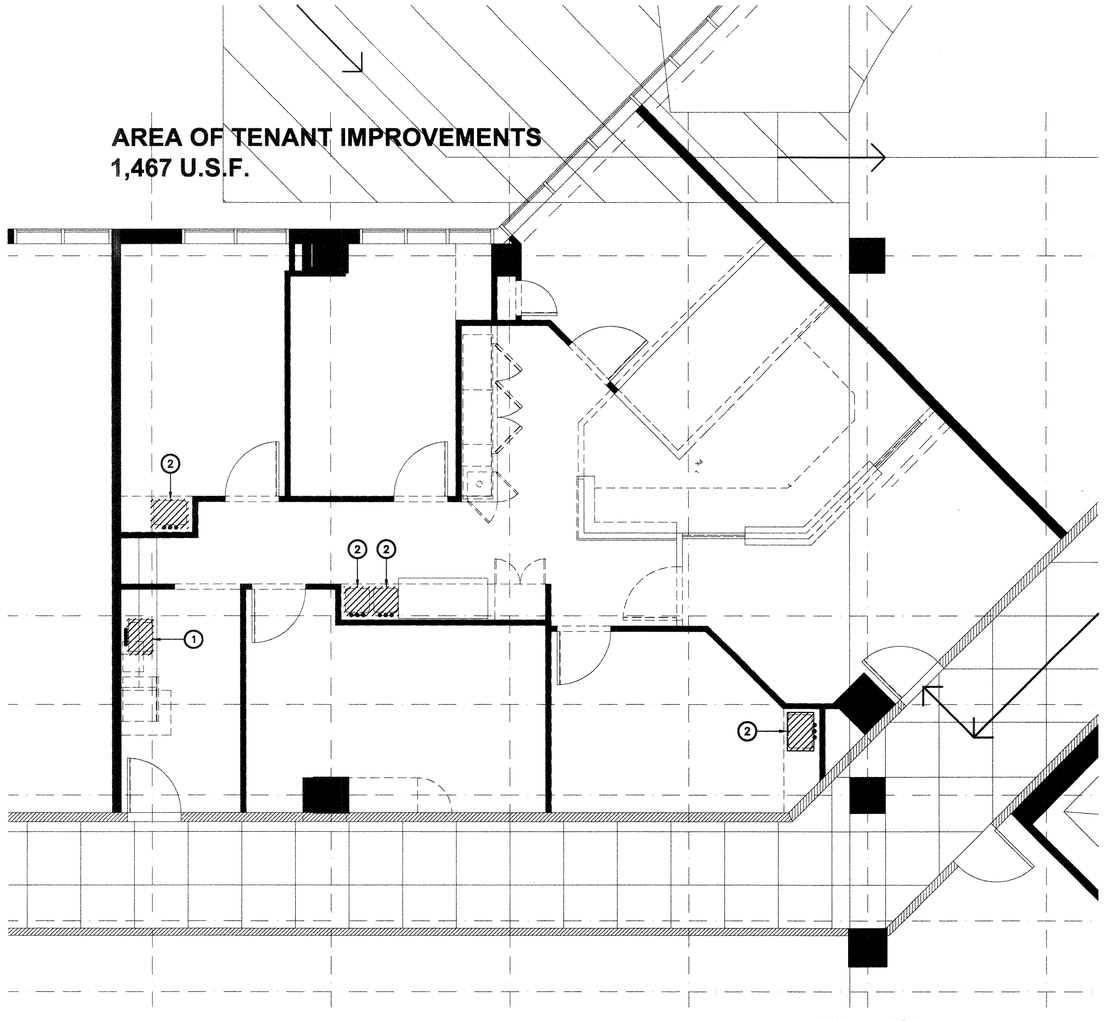
KEY DEMOLITION NOTES:

1. REMOVE SINK AND TRIMS. PREPARE TO REUSE EXISTING WASTE, VENT, HOT AND COLD WATER LINES.
2. REMOVE SINK AND TRIMS. REMOVE WASTE LINE BELOW FLOOR, VENT, HOT AND COLD WATER LINES IN WALLS AND ABOVE CEILING BACK TO MAIN LINES. DO NOT ABANDON PIPING IN WALLS, ABOVE CEILING OR BELOW FLOOR.
3. PLUMBING CONTRACTOR SHALL REMOVE UNUSED PIPES BACK TO MAINS AND CAP. OR PREPARE EXISTING FOR INSTALLATION OF NEW PIPING.

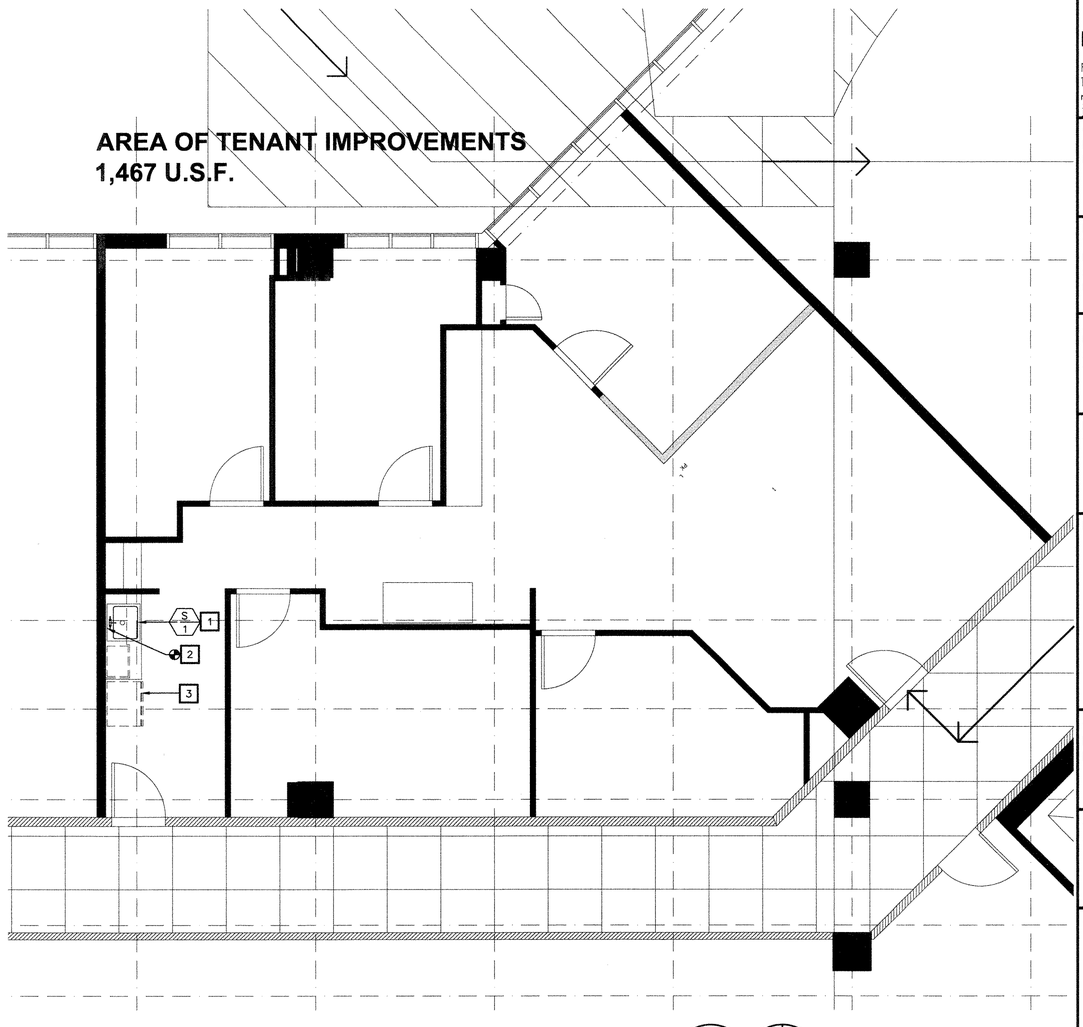
NOTE:
PLUMBING CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTION. CONTRACTOR TO INCLUDE IN HIS BID AN ADDITIONAL 50 LF OF EACH TYPE OF PIPING TO ALLOW FOR CONNECTIONS TO EXISTING PIPING BELOW OR ABOVE CEILING.

KEY NOTES:

1. STAINLESS STEEL COUNTERTOP SINK (ADA COMPLIANT). SINK, CONNECT SINK TO EXISTING PIPING. PROVIDE AND INSTALL P-TRAP, 2"W, 1-1/2"V, 1/2"H&CW.
2. CONNECT TO EXISTING WASTE, VENT HOT AND COLD WATER IN WALL. CONTRACTOR TO EXTEND ALL PIPING TO NEW SINK LOCATION. PROVIDE ALL REQUIRED FITTINGS AND PIPE EXTENSIONS FOR COMPLETE INSTALLATION.
3. PROVIDE 1/4"COLD WATER LINE THRU FILTER FOR ICE MAKER IN REFRIGERATOR.



PLUMBING DEMOLITION PLAN 2
SCALE: 1/4" - 1'-0"



NEW PLUMBING PLAN 1
SCALE: 1/4" - 1'-0"

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UCLA 100 MEDICAL PLAZA
SUITE 730 MINOR TI
UCLA PROJECT #20111003-158-12

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Sheet Title:
DEMOLITION AND NEW
PLUMBING FLOOR PLANS

Scale:
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ABBREVIATIONS

A, AMPS	AMPERES	KV	KILOVOLTS
A/C	AIR CONDITIONER	KVA	KILOVOLT–AMPERES
AC	ALTERNATE CURRENT OR ABOVE COUNTER	KW	KILOWATTS
AF	AMPERE FRAME	KWH	KILOWATT–HOURS
AFF	ABOVE FINISHED FLOOR	LCL	LONG CONTINUOUS LOAD
AFG	ABOVE FINISHED GRADE	LF	LINEAR FEET
AIC	AMPERE INTERRUPTION CURRENT	LCP	LIGHT CONTROL PANEL
AL	ALUMINUM	LPS	LOW PRESSURE SODIUM
ARCH	ARCHITECT/ARCHITECTURAL	LTG	LIGHTING
AS	AMPERE SWITCH	LTS	LIGHTS
AT	AMPERE TRIP	MAX	MAXIMUM
ATS	AUTOMATIC TRANSFER SWITCH	MCB	MAIN CIRCUIT BREAKER
AWG	AMERICAN WIRE GUAGE	MCC	MOTOR CONTROL CENTER
BC	BARE COPPER	MH	METAL HALIDE
BKBD	BACKBOARD	MIN	MINIMUM
BKR	BREAKER	MLO	MAIN LUG ONLY
C.	CONDUIT	MOCP	MAX OVERCURRENT PROTECTION
CB	CIRCUIT BREAKER	MTD	MOUNTED
CCTV	CLOSED CIRCUIT TELEVISION	MSB	MAIN SWITCHBOARD
CAT.	CATALOG	MSG	MAIN SWITCHGEAR
CD	CANDELA	N	NEUTRAL
CFSD	COMBINATION FIRE SMOKE DAMPER	NEC	NATIONAL ELECTRICAL CODE
CKT	CIRCUIT	NIC	NOT IN CONTRACT
C.O.	CONDUIT ONLY	NL	NIGHT LIGHT
CU	COPPER	NTS	NOT TO SCALE
DETL	DETAIL	(N)	NEW
DISC	DISCONNECT (SWITCH)	OH	OVERHEAD
DIST	DISTRIBUTION	P	POLE
DP	DISTRIBUTION PANEL	PH	PHASE
DWG	DRAWING	PA	PUBLIC ADDRESS
EC	ELECTRICAL CONTRACTOR	PDU	POWER DISTRIBUTION UNIT
EG	EQUIPMENT GROUND (GREEN)	PNL	PANEL OR PANELBOARD
EM	EMERGENCY	PVC	POLYVINYL CHLORIDE
EMS	ENERGY MANAGEMENT SYSTEM	(R)	REMOVE
EMT	ELECTRICAL METALLIC TUBING	REC	RECEPTACLE
EPO	EMERGENCY POWER OFF	RECEPT	RECEPTACLE
(E)	EXISTING	(RL)	RELOCATED
FA	FIRE ALARM	RMS	ROOT MEAN
FACP	FIRE ALARM CONTROL PANEL	SD	SQUARE SMOKE DETECTOR
FLA	FULL LOAD AMPERES	SPECS	SPECIFICATIONS
FTV	FIELD TO VERIFY	SW	SWITCH
(F)	FUTURE	SWBD	SWITCHBOARD
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR	SYM	SYMMETRICAL
G, GND	GROUND	T, TELE	TELEPHONE
GC	GENERAL CONTRACTOR	TBB	TELEPHONE BACKBOARD
GEN	GENERATOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTER	UG	UNDERGROUND
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	UGPS	UNDERGROUND PULL SECTION
HP	HORSEPOWER	U.O.N.	UNLESS OTHERWISE NOTED
HPS	HIGH PRESSURE SODIUM	V	VOLT
HZ	HERTZ	VA	VOLT–AMPERES
IG	ISOLATED GROUND	VL	VERIFY LOCATION
ISC	INTERRUPTING SHORT CIRCUIT	W	WATTS
JB	JUNCTION BOX	WH	WATER HEATER
KCMIL	THOUSAND CIRCULAR MILLS	WP	WEATHERPROOF
		XFMR	TRANSFORMER

SYMBOLS LIST

ANNOTATIONS

- LIGHTING FIXTURE DESIGNATION. REFER TO LIGHTING FIXTURE SCHEDULE.
- DETAIL REFERENCE
- SHEET NOTE REFERENCE
- DETAIL NOTE REFERENCE
- KITCHEN EQUIPMENT DESIGNATION
- EF 1 — MECHANICAL EQUIPMENT CALLOUT. "EF" INDICATES UNIT TYPE AND "1" INDICATES UNIT NUMBER. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
- FDR# — FEEDER CALLOUT
- REVISION REFERENCE

POWER

- STANDARD 20A, 120V–1ø GROUNDING TYPE DUPLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE FOUR–PLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE GFCI DUPLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE GFCI FOUR–PLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE DEDICATED DUPLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE SIMPLEX RECEPTACLE, WALL MOUNTED AT +18" A.F.F. – U.O.N.
- 20A, 120V–1ø ISOLATED GROUND DUPLEX RECEPTACLE WALL MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE ONE HALF SWITCHED DUPLEX RECEPTACLE MOUNTED AT +18" A.F.F. – U.O.N.
- STANDARD 20A, 120V–1ø GROUNDING TYPE DUPLEX RECEPTACLE MOUNTED ABOVE CEILING/BELOW TILE PER A.T.F.
- SPECIAL RECEPTACLE MOUNTED AT +18" A.F.F. – U.O.N.. AMPS – VOLTS & PHASE AS INDICATED ON PLANS. VERIFY NEMA CONFIGURATION WITH RELOCATED OR NEW INSTALLED EQUIPMENT SUPPLIER PRIOR TO PLACING ORDER.
- SPECIAL 30A RECEPTACLE MOUNTED AT +18" A.F.F. –U.O.N.. VOLTS & PHASE AS INDICATED ON PLANS. VERIFY NEMA CONFIGURATION WITH INSTALLED EQUIPMENT SUPPLIER PRIOR TO PLACING ORDER.
- STANDARD 20A, 120V–1ø GROUNDING TYPE DUPLEX RECEPTACLE MOUNTED WITHIN FLUSH OR SURFACE FLOOR OUTLET BOX. "F" DENOTES FLUSH AND "S" DENOTES SURFACE
- STANDARD 20A, 120V–1ø GROUNDING TYPE FOUR–PLEX RECEPTACLE MOUNTED WITHIN FLUSH OR SURFACE FLOOR OUTLET BOX. "F" DENOTES FLUSH AND "S" DENOTES SURFACE
- DISCONNECT SWITCH. AMPS – VOLTS & POLES AND FUSED OR NON–FUSED AS INDICATED.
- COMBINATION STARTER DISCONNECT SWITCH. AMPS – VOLTS & POLES AS INDICATED.
- MANUAL MOTOR STARTER SWITCH. RATED @ 1H.P. MIN–120V – 1ø – U.O.N. PROVIDE COMPLETE WITH THERMAL OVERLOAD PROTECTION.
- JUNCTION BOX. SIZED BY THIS CONTRACTOR PER ACTUAL NUMBER OF CONDUITS AND/OR CONDUCTORS PASSING THRU ACCORDING TO NEC 2005 TABLE 314–16(a)(b).
- JUNCTION BOX, WALL MOUNTED AT +18" A.F.F. FOR FLEXIBLE CONNECTION TO PRE–WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS AND LOCATIONS WITH FURNITURE MANUFACTURER PRIOR TO ROUGH–IN.
- CIRCUIT BREAKER (SEE SINGLE LINE DIAGRAM)
- FUSED SWITCH (SEE SINGLE LINE DIAGRAM)
- TRANSFORMER (SEE SINGLE LINE DIAGRAM)
- MOTOR OUTLET. H.P. OR F.L.A. – VOLTS & PHASE AS INDICATED. VERIFY ELECTRICAL CHARACTERISTICS AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH–IN WORK.
- BRANCH CIRCUIT PANELBOARD. FLUSH OR SURFACE MOUNTED AS INDICATED ON PANELBOARD SCHEDULE.
- SERVICE ENTRANCE OR DISTRIBUTION EQUIPMENT AS SPECIFIED.
- MULTI–OUTLET SURFACE RACEWAY ASSEMBLY, TYPE OF OUTLET AS INDICATED ON PLAN
- THERMOSTAT FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE J–BOX BETWEEN +36" to +48" A.F.F. – U.O.N.. PROVIDE 1/2" C.O. TO ASSOCIATED HVAC UNIT OR ACCESSIBLE CEILING SPACE.

BRANCH CIRCUIT

- CONDUIT CONCEALED WITHIN BUILDING WALLS OR CEILING SPACE.
- CONDUIT ROUTED BELOW FINISHED GRADE AND / OR CONCRETE SLAB. INCLUDE CODE SIZED COPPER BOND CONDUCTOR (NOT SHOWN ON PLAN) IN ALL NON–METALLIC CONDUIT RUNS.
- HOMERUN TO DESTINATION AS INDICATED. REFER TO CONDUIT SYMBOL ABOVE.
- INDICATES CONDUIT DROP WITHIN BUILDING WALL. REFER TO CONDUIT SYMBOL ABOVE.
- INDICATES CONDUIT RISER WITHIN BUILDING WALL. REFER TO CONDUIT SYMBOL ABOVE.

7 DENOTES #12 THHN/THWN EQUIPMENT GROUND WIRE U.O.N.

7 DENOTES #12 THHN/THWN ISOLATED GROUND WIRE U.O.N.

ALL HOMERUNS AND BRANCH CIRCUITS SHALL HAVE GROUND WIRE – U.O.N..

CROSS LINE DENOTES QUANTITY OF #12 THHN/THWN CONDUCTORS – U.O.N..

NO CROSS LINE DENOTES 2#12 & 1#12G THHN/THWN CONDUCTORS – U.O.N..

CONDUIT SHALL BE 3/4" MIN. – U.O.N..

TELEPHONE/DATA

- COMBINATION TELEPHONE/DATA OUTLET AT +18" A.F.F., U.O.N. PROVIDE 1" CONDUIT STUB–UP 6" MINIMUM INTO ACCESSIBLE CEILING SPACE.
- TELEPHONE OUTLET AT +18" A.F.F., U.O.N. – PROVIDE 1" CONDUIT STUB–UP 6" MINIMUM INTO ACCESSIBLE CEILING SPACE.
- DATA OUTLET AT +18" A.F.F., U.O.N. – PROVIDE 1" CONDUIT STUB–UP 6" MINIMUM INTO ACCESSIBLE CEILING SPACE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITHIN FLUSH OR SURFACE OUTLET BOX. "F" DENOTES FLUSH AND "S" DENOTES SURFACE
- COMBINATION TELEPHONE AND DATA OUTLET BOX, WALL MOUNTED AT +18" A.F.F. FOR FLEXIBLE CONNECTION TO FURNITURE SYSTEM. STUB A 1 1/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. VERIFY CONNECTION REQUIREMENTS AND LOCATIONS WITH FURNITURE MANUFACTURER PRIOR TO ROUGH–IN.
- CABLE TV DATA OUTLET. PROVIDE 1"C.O. STUB–UP 6" MINIMUM INTO ACCESSIBLE CEILING SPACE.
- —T— TELEPHONE SYSTEM CONDUIT 3/4"C.O.
- —T1— TELEPHONE SYSTEM CONDUIT 1"C.O.
- —T2— TELEPHONE SYSTEM CONDUIT 1 1/4"C.O.
- —T3— TELEPHONE SYSTEM CONDUIT 1 1/2"C.O.

SCOPE OF WORK

– REMODEL EXISTING OFFICE SPACE TO ADD POWER AND TEL/DATA OUTLETS.

– THE EXTENT OF LIGHTING WORK IS LIMITED TO RELOCATION OF EXISTING LIGHTS FIXTURES.

GENERAL NOTES

1. PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO ACHIEVE A COMPLETE AND OPERATING SYSTEM.
2. COORDINATE AND OBTAIN APPROVALS FROM ALL RESPECTIVE UTILITY COMPANIES AS REQUIRED FOR A COMPLETE AND OPERATING INSTALLATION.
3. INSTALL RACEWAY SYSTEMS AS FOLLOWS:
   a. USE ELECTRIC METALIC TUBE CONDUIT IN ALL AREAS PROTECTED ABOVE CEILING OR IN WALLS.
   b. USE RIGID GALVANIZED STEEL IN ALL AREAS EXPOSED TO WEATHER OR PHYSICAL DAMAGE.
   c. USE FLEXIBLE METALLIC CONDUIT ONLY IN AREAS AS PERMITTED BY LOCAL CODE AUTHORITY. USE SEAL–TITE IN AREAS EXPOSED TO WEATHER.
   d. USE COMPRESSION TYPE FITTINGS FOR ELECTRICAL METALLIC TUBING WHERE UTILIZED.
   e. USE P.V.C. CONDUIT UNDERGROUND WITH CODE SIZED GROUND. CONDUIT RISERS AND STUBS ABOVE GRADE SHALL BE I.M.C. WITH HALF–LAPPED TAPE COVERING OR P.V.C. COATING.
   f. THE USE OF ROMEX OR BX IS NOT PERMITTED.
4. ALL NEW WIRING SHALL BE COPPER TYPE "THHN/THWN" – U.O.N..
5. NOT USED.
6. ALL FIXTURE, DEVICE, ETC... LOCATIONS SHALL BE VERIFIED WITH ARCH. DRAWINGS AS WELL AS EQUIPMENT SUPPLIER REQUIREMENTS PRIOR TO ANY ROUGH–IN WORK.
7. NOT USED.
8. NOT USED.
9. THESE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF EQUIPMENT, DEVICES, ETC... TO BE CONNECTED AND THE CIRCUITS TO WHICH THEY ARE TO BE CONNECTED TO. CONTRACTOR SHALL INSTALL ALL CONDUIT, J–BOXES, ETC... AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.
10. ALL EXTERIOR EQUIPMENT SHALL BE WEATHERPROOF.
11. CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL LOCAL AND NATIONAL GOVERNING CODES.
12. ALL EQUIPMENT SHALL BE NEW AND BEAR A "UL" LABEL – U.O.N..
13. ~~ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY BUILDING PERMITS.~~
14. COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF (1) YEAR – U.O.N..
15. CONTRACTOR SHALL INCLUDE COSTS FOR ALL HVAC CONTROL COMPONENTS, CONDUITS, DEVICES, ETC... AS DEEMED NECESSARY FOR A COMPLETE AND OPERATING HVAC SYSTEM. REFER TO MECHANICAL DRAWINGS, DIAGRAMS AND SPECS FOR THOSE ITEMS REQUIRED UNDER THE ELECTRICAL SECTION OF THIS CONTRACT.
16. CONTRACTOR SHALL VISIT SITE PRIOR TO BID DATE, TO VERIFY ALL EXISTING CONDITIONS TO BE ENCOUNTERED IN THE INSTALLATION OF ALL NEW EQUIPMENT, FIXTURES DEVICES, FEEDERS, ETC.. EXACT INSTALLATION METHOD AND REQUIREMENTS SHALL BE VERIFIED AND DETERMINED PRIOR TO BID DATE. CONTRACTORS SHALL IMMEDIATELY NOTIFY THIS ENGINEER OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT SHOWN ON THESE DRAWINGS. SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED.
17. ALL EQUIPMENT ELECTRICAL CHARACTERISTICS, NEMA CONFIGURATION, LOCATIONS, AND CONNECTION REQUIREMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH–IN WORK.
18. CONTRACTOR SHALL FURNISH THE FOLLOWING SHOP DRAWINGS FOR PRIOR APPROVAL:
    a. ALL SUBSTITUTED LIGHT FIXTURES.
    b. ALL ELECTRICAL SERVICE EQUIPMENT, DISTRIBUTION EQUIPMENT AND PANELBOARDS.
    c. OTHER ITEMS AS SPECIFICALLY INDICATED.

    THESE ITEMS SHALL BE APPROVED BY THIS OFFICE PRIOR TO ANY COMMENCEMENT OF PLACING ORDERS OR PERFORMING ANY ROUGH–IN WORK.
19. COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE PRESENTLY ADOPTED EDITION OF THE N.E.C. ART. 250.
20. PENETRATIONS OF ALL FIRE RATED WALLS OR CEILINGS SHALL BE FIRE RATED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.
21. PROVIDE RIVETED ON ENGRAVED PLASTIC NAMEPLATES (BLACK WITH WHITE LETTERS) FOR ALL MAJOR ELECTRICAL EQUIPMENT.
22. PROVIDE THE OWNER WITH ONE SET OF ELECTRICAL "AS–BUILTS" AT THE COMPLETION OF JOB.
23. ALL DEVICES MOUNTED BACK TO BACK ON THE FIRE RATED WALL SHALL BE MOUNTED WITH 24" MINIMUM HORIZONTAL OFFSET.
24. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
25. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH TENANT IMPROVEMENT WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLES, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
26. LOCATION OF OUTLET SHOWN IS APPROXIMATE ONLY AND OUTLET MAY BE MOVED TO SUIT EQUIPMENT LAYOUT. COORDINATE WITH ARCHITECT AND/OR TENANT REPRESENTATIVES FOR EXACT LOCATION.
27. PANELBOARDS SHALL BE PROVIDED WITH TYPEWRITTEN PANEL SCHEDULE MOUNTED INSIDE EACH PANEL AND ENGRAVED PRIMARY/SECONDARY PANEL LABELS FROM SWITCHBOARD.
28. VERIFY ALL DISCONNECT SWITCHES, FUSE SIZES AND TYPES WITH MECHANICAL EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
29. A SEPARATE GROUNDING CONDUCTOR SHALL BE RUN IN ALL NON METALLIC CONDUIT RUNS.
30. ALL ELECTRICAL DEVICES SHOWN IN LIGHT ARE EXISTING TO REMAIN AND DARK ARE NEW.
31. THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI–WIRE BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGINATION. PROVIDE APPROVED HANDLE TIE AT CIRCUIT BREAKER AS REQUIRED.

FIRE ALARM & SECURITY SYSTEMS:
FIRE ALARM AND SECURITY SYSTEMS ARE NOT PART OF THIS CONTRACT.
DESIGN–BUILD CONTRACTOR WILL SUBMIT AS SEPARATE PERMIT FOR APPROVAL.

• SHEET INDEX

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ABBREVIATIONS, SYMBOLS LIST & GENERAL NOTES

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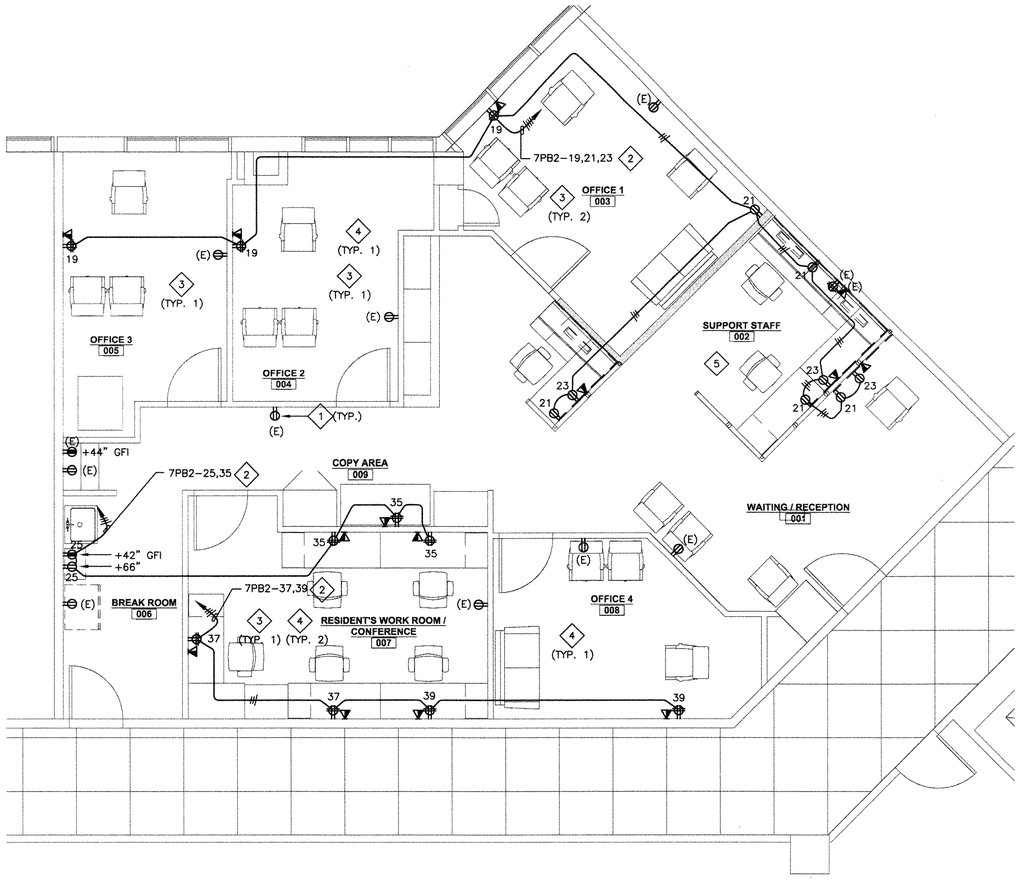

1 **POWER AND TEL/DATA PLAN**
1/4" = 1'-0"

POWER PLAN GENERAL NOTES

1. ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24" MINIMUM.
2. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED FROM THE SPREAD OF FIRE WITH AN APPROVED FIRESTOP SYSTEM EQUAL OR GREATER THAN THE FIRE RATING OF THE WALL.
3. HEIGHT OF ALL RECEPTACLES AT COUNTER SHELVES, ETC., SHALL BE VERIFIED WITH OWNER PRIOR TO ROUGH-IN. PROVIDE G.F.C.I. TYPE RECEPTACLE WITHIN 6 FEET OF ANY SINK.
4. ALL EMPTY CONDUITS SHALL HAVE PULL ROPES FROM END TO END WITH PROPER LABEL.
5. PROVIDE LOCAL DISCONNECTS FOR ALL HARDWIRED EQUIPMENT THAT IS NOT "WITHIN LINE OF SIGHT" OF THE SOURCE PANEL.
6. G.C.TO PROVIDE WHIP FOR POWER + VOICE/DATA FURNITURE VENDOR TO CONNECT.

SIGNAL PLAN GENERAL NOTES

1. CONDUITS SHALL, (a) CONTAIN NO CONTINUOUS SECTIONS LONGER THAN 30M (98FT), AND, (b) CONTAIN MORE THAN (2) 90 DEGREE BENDS OR (1) REVERSE BEND WITHOUT INSTALLING A PULL BOX. CONDUITS IN PLACE OF PULL BOXES IS UNACCEPTABLE.
2. CONDUITS SHALL CONTAIN PLASTIC OR NYLON PULL TAPE RATED AT 20 LBS.
3. CONDUIT BEND RADIUS SHALL BE (a) A MINIMUM OF 6 TIMES OF THE INTERNAL CONDUIT DIAMETER FOR CONDUITS 2" IN DIAMETER OR LESS, AND (b) 10 TIMES THE INTERNAL CONDUIT DIAMETER FOR CONDUITS MORE THAN 2" IN DIAMETER.
4. TERMINATE CONDUITS THAT PROTRUDE THROUGH STRUCTURAL FLOORS 3" ABOVE THE FLOOR SURFACE.
5. INSTALL BUSHINGS AND BELL ENDS AS REQUIRED ON ALL CONDUITS.
6. FLEX CONDUIT IS UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT EXCEPT AT SEISMIC JOINTS AND AS APPROVED IN WRITING BY THE ENGINEER.
7. ALL SUB SLAB CONDUITS SHALL BE INSTALLED IN A MATTER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATION CABLES.
8. ALL PULL BOXES SHALL BE SIZED AND INSTALLED PER ANSI/TIA/EIA-569A. PULL BOXES FOR UNDER FLOOR CONDUIT RUNS ARE NOT PERMITTED UNLESS OTHERWISE NOTED. PULL BOXES FOR OVERHEAD CONDUIT RUNS SHALL BE LOCATED ABOVE ACCESSIBLE CEILINGS WITHIN THE ACCESSIBLE CEILING SPACE.
9. CONDUIT(S) SHALL EXIT A PULL BOX ON THE WALL OPPOSITE THE WALL ENTERED.
10. CONTRACTOR SHALL SUBMIT FIRE ALARM PLANS AND OBTAIN APPROVAL PRIOR TO INSTALLATION.

PLAN NOTES

1. EXISTING RECEPTACLE TO REMAIN AS-IN AND FUNCTIONAL.
2. THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGINATION. PROVIDE APPROVED HANDLE TIE AT CIRCUIT BREAKER AS REQUIRED.
3. REMOVE FLOOR OUTLETS. ALL CONDUIT AND CONDUCTORS MUST BE REMOVED BACK TO SOURCE (PANEL, DISCONNEC, ETC.) IF NOT USED.
4. REMOVE 220V OUTLETS, ALL CONDUIT, CONDUCTORS MUST BE REMOVED BACK TO SOURCE (PANEL, DISCONNECT, ETC).
5. REMOVE POWER AND DATA OUTLETS ON WALLS SLATED FOR FOR REMOVAL. ALL CONDUIT AND CONDUCTORS MUS BE REMOVED BACK TO SOURCE (PANEL, DISCONNECT, ETC) IF NOT REMODEL.

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jobs TBD

Owner:
REGENTS OF THE
UNIVERSITY OF CALIFORNIA

Project:
TENANT IMPROVEMENTS FOR:
UCLA 100 MEDICAL PLAZA
SUITE 730 MINOR TI
UCLA PROJECT #20111003-158-12

Address:
UCLA 100 MEDICAL PLAZA,
SUITE 730
WESTWOOD, CA 90095

Date:
12/12/2011

Revisions:

APPROVED
FIRE AND PANIC ONLY
DEC 12 2011
STATE FIRE MARSHAL
SOUTHERN REGION

Sheet Title:
POWER AND TEL/DATA PLAN

Scale:
AS SHOWN

Sheet:

E2.0

DEMOLITION PLAN KEY NOTES:

1. REMOVE LIGHT FIXTURE, CONDUIT, CONDUCTORS AND WALL SWITCH.
2. REMOVE AND RELOCATE WALL SWITCHES. SEE NEW PLAN FOR LOCATION.
3. RELOCATE EXISTING FIXTURE AND RECONNECT TO EXISTING CIRCUIT AND WALL SWITCH.
4. EXISTING LIGHT FIXTURES AND WALL SWITCHES TO REMAIN.
5. EXISTING EXIT SIGN TO REMAIN.
6. REMOVE AND RELOCATE EXIT SIGN. SEE NEW REFLECTED CEILING PLAN FOR LOCATION.

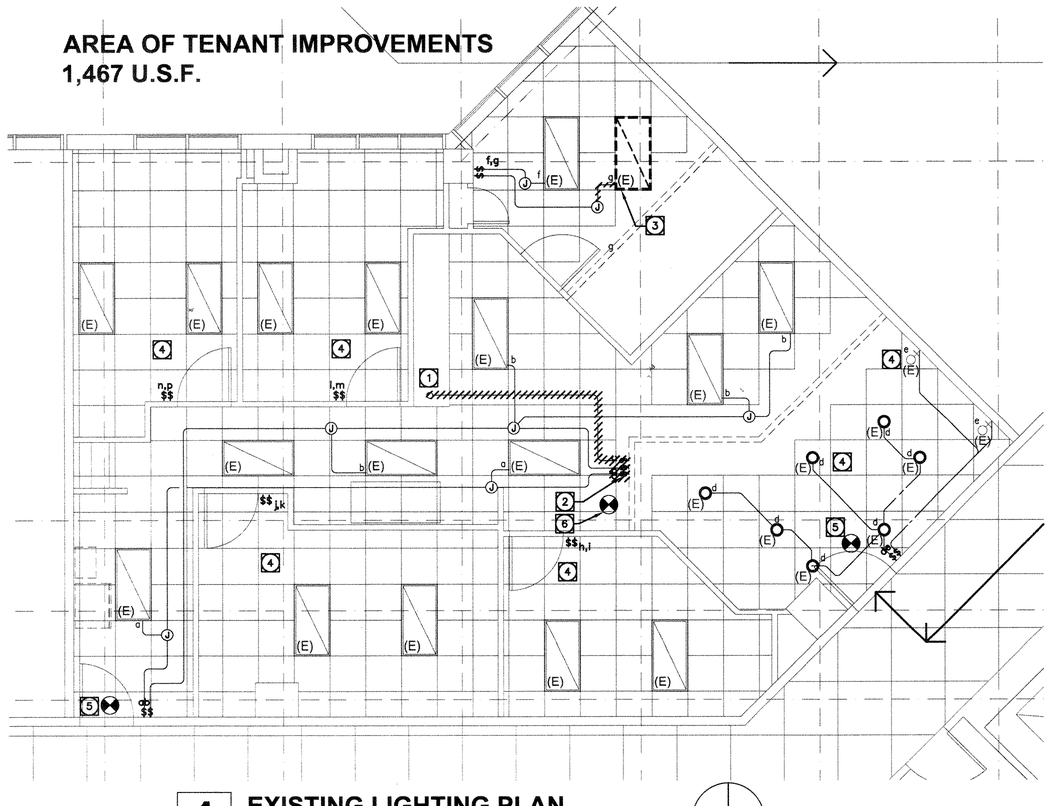
NEW PLAN KEY NOTES:

1. RELOCATED LIGHTING FIXTURE.
2. RELOCATED WALL SWITCHES.
3. NEW J-BOXES FOR EXTENSION AND RECONNECTION OF WALL SWITCHES.
4. NEW EXIT SIGN FIXTURE TO MATCH EXISTING. CONNECT NEW EXIT SIGN TO EXISTING POWER SOURCE AS EXISTING EXIT SIGNS WHEN FED FROM THE EMERGENCY PANEL. CONTRACTOR TO FIELD VERIFY IF EXIT SIGNS ARE FED FROM THE EMERGENCY PANEL 6E. IF EXIT SIGNS ARE NOT FED FROM AN EMERGENCY POWER SOURCE, THEN CONNECT ALL NEW AND EXISTING EXIT SIGNS TO EMERGENCY PANEL 6E ON 6TH FLOOR.
5. RELOCATED EXIT SIGN.

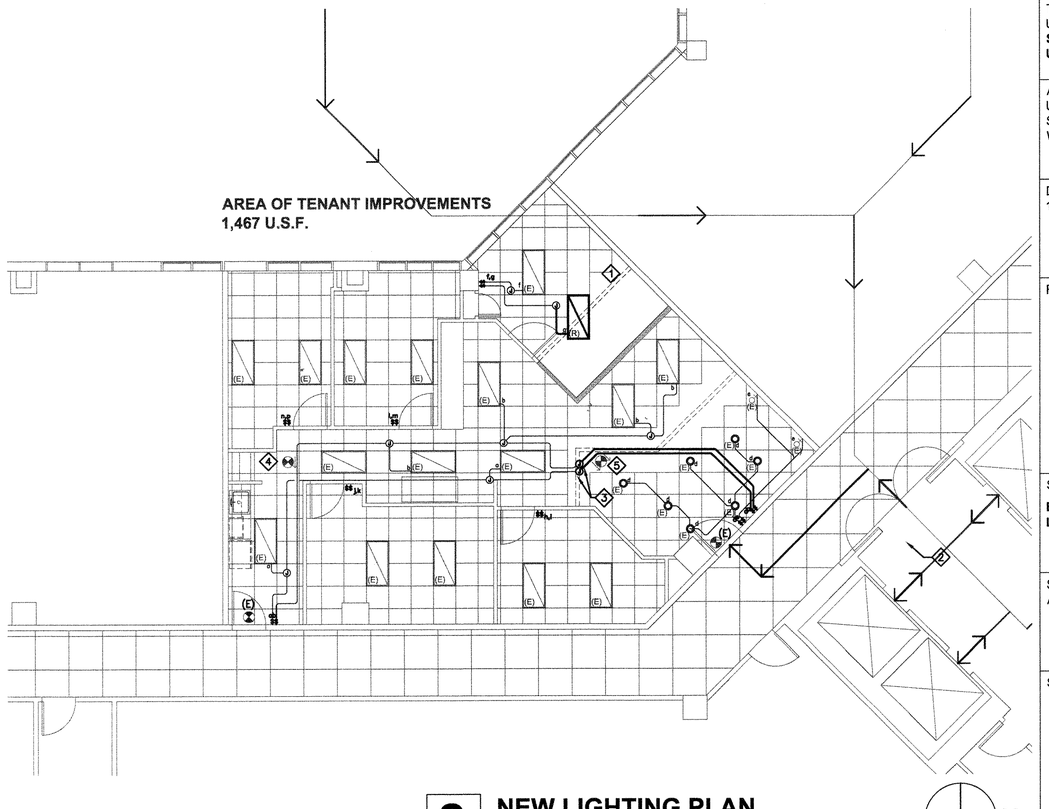
GENERAL NOTES NOTES:

1. CONTRACTOR TO RECONNECT ALL RELOCATED FIXTURES AND WALL SWITCHES TO THEIR ORIGINAL CIRCUIT. FIELD VERIFY EXACT CIRCUIT AND LABEL ALL CICUITS ON ELECTRICAL PANEL ACCORDINGLY.

AREA OF TENANT IMPROVEMENTS
1,467 U.S.F.



1 EXISTING LIGHTING PLAN
SCALE: 1/4" = 1'-0"



2 NEW LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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STATE OF CALIFORNIA

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EXISTING AND NEW LIGHTING PLANS

Scale:
AS SHOWN

Sheet:
E2.1

(E) **PANEL "7PB"**

MOUNTING SURFACE | DOUBLE LUG NO | VOLTS 120/208 | MAIN MLO
NEMA 3R NO | 200% NEUTRAL NO | PHASE 3 | BUS 225A
FEED THRU NO | I/G BUS NO | WIRE 4 | A.I.C. (E)

NOTES	LOCATION	A	B	C	LTG	CONV	KIT	RECP	MISC	BKR	CIRC	CIRC	BKR	MISC	RECP	KIT	CONV	LTG	A	B	C	LOCATION	NOTES
	(E) REC. SUITE 723	723								20/1	1	2	20/1						725			(E) REC. SUITE 723	
	(E) REC. SUITE 723		723							20/1	3	4	20/1							725		(E) REC. SUITE 723	
	(E) REC. SUITE 723			723						20/1	5	6	20/1								725	(E) REC. SUITE 723	
	(E) REC. SUITE 725	725								20/1	7	8	20/1						723			(E) X-RAY 723	
	(E) REC. SUITE 725		725							20/1	9	10	20/1							723		(E) X-RAY 723	
	(E) SHUT. OFF PANEL STE722			722						20/1	11	12	100/1								8920	(E) SUB - PANEL 7PB2	
	(E) SHUT. OFF PANEL STE722	722								20/1	13	14	-						9490			---	
	(E) GDS SUITE 720		720							20/1	15	16	3/-							7790		---	
	(E) 110V LTS SUITE 720			720						20/1	17	18	20/1								500	(E) REC. SUITE 720	
	(E) REC - MICRO SUITE 700	700								20/1	19	20	20/1						720			(E) DW SUITE 720	
	(E) REC - KITCHEN SUITE 70		900							20/1	21	22	20/1							720		(E) KITCHEN SUITE 720	
	(E) REC - KITCHEN SUITE 70			900						20/1	23	24	20/1								720	(E) MICRO WAVE SUITE 720	
		500								20/1	25	26	20/1						720			(E) PRINTER SUITE 720	
	(E) PLUGS EXAM STE. 700		600							20/1	27	28	20/1							720		(E) COMPUTER SUITE 720	
	(E) PLUGS EXAM STE. 700			600						20/1	29	30	20/1								500	(E) REC. SUITE 720	
	(E) PLUGS EXAM STE. 700	800								20/1	31	32	20/1						720			(E) TEL. BKD STE. 720	
	(E) REC. SUITE 700		600							20/1	33	34	20/1							720		(E) REC. SUITE 720	
	(E) DESK PLUG SUITE 700			600						20/1	35	36	20/1								720	(E) REC. SUITE 720	
	(E) COFFEE SUITE 700	800								20/1	37	38	20/1						720			(E) REC. SUITE 720	
	(E) PISP. SUITE 700		800							20/1	39	40	20/1							720		(E) REC. SUITE 720	
	(E) COPY SUITE 700			800						20/1	41	42	20/1								720	(E) MCM	
		A= 18588									B= 17186										C= 17870		

TOTAL VA= 53644 W/LCL= 53644 AMPS= 149 TOTAL LCL= 0 X.25 = 0
HIGH PHASE VA= 18588 W/LCL= 18588 HIGH PHASE AMPS= 155 HIGH PHASE LCL= 0 X.25 = 0

(E) **PANEL "7PB2"**

MOUNTING SURFACE | DOUBLE LUG NO | VOLTS 120/208 | MAIN MLO
NEMA 3R NO | 200% NEUTRAL NO | PHASE 3 | BUS 100A
FEED THRU NO | I/G BUS NO | WIRE 4 | A.I.C. (E)

NOTES	LOCATION	A	B	C	LTG	CONV	KIT	RECP	MISC	BKR	CIRC	CIRC	BKR	MISC	RECP	KIT	CONV	LTG	A	B	C	LOCATION	NOTES
	(E) REFR. SUITE 725	500								20/1	1	2	20/1						540			(E) GFI SINK SUITE 725	
	(E) TEL. BKD SUITE 725		500							20/1	3	4	20/1							540		(E) GFI SINK SUITE 725	
	(E) COPIER SUITE 725			500						20/1	5	6	20/1								540	(E) GFI SINK SUITE 725	
	(E) REC. SUITE 725	540								20/1	7	8	20/1						1000			(E) LOAD CTR PNL "LC"	
	(E) REC. SUITE 725		540							20/1	9	10	2/-							1000		---	
	(E) REC. COMP. SUITE 725			540						20/1	11	12	20/1								720	(E) REC. SUITE 760	
	(E) REC. SUITE 760	360								20/1	13	14	20/1						500			(E) REC. SUITE 760	
	(E) REC. SUITE 760		360							20/1	15	16	20/1							500		(E) REC. SUITE 760	
	(E) REC. SUITE 760			360						20/1	17	18	20/1								500	(E) REC. SUITE 760	
6	(N) REC - RM03, 04, 05	1200						3		20/1	19	20	20/1						760			(E) REC.	
6	(N) REC - RM01, 02, 03		900		5					20/1	21	22	20/1							760		(E) REC.	
6	(N) REC - RM01, 02, 03 SUITE 130			1200				3		20/1	23	24	20/1								500	(E) REC. SUITE 747	
6	(N) REC - RM06 SUITE 730	360				2				20/1	25	26	2/-						500			---	
	(E) REC. SUITE 730		730							20/1	27	28	20/1							500		(E) REC. SUITE 747	
	(E) REC. SUITE 730			730						20/1	29	30	20/1								500	(E) REC. SUITE 747	
	(E) REC. SUITE 730	730								20/1	31	32	20/1						730			SUITE 730	
	(E) REC. SUITE 730		730							20/1	33	34	20/1							730		SUITE 730	
6	(N) REC - RM07 SUITE 130			1200				3		20/1	35	36	20/1									SPARE SUITE 730	
6	(N) REC - RM07	1200						2		20/1	37	38	20/1									SPARE SUITE 730	
6	(N) REC - RM07		1200					2		20/1	39	40	20/1							500		(E) REC. SUITE 730	
	SPARE									20/1	41	42	20/1								500	(E) REC. SUITE 730	
		A= 8920									B= 9490										C= 7790		

TOTAL VA= 26200 W/LCL= 26200 AMPS= 73 TOTAL LCL= 0 X.25 = 0
HIGH PHASE VA= 9490 W/LCL= 9490 HIGH PHASE AMPS= 79 HIGH PHASE LCL= 0 X.25 = 0

PANEL SCHEDULE NOTES:

"1" PROVIDE LOCK-ON/LOCK-OFF DEVICE.

"2" PROVIDE ISOLATED GROUND WIRE.

"3" PROVIDE SHUNT TRIP DEVICE

"4" PROVIDE GFCI TYPE DEVICE.

"5" PROVIDE A NEW CIRCUIT BREAKER WITH AIC RATING TO BE COMPATIBLE WITH EXISTING PANEL. FIELD VERIFY.

"6" PROVIDE APPROVED TIE HANDLE TO INTERLOCK WITH ADJASCENT CIRCUIT BREAKER.

PARTAIL LOAD ANALYSIS PANEL 7PB2

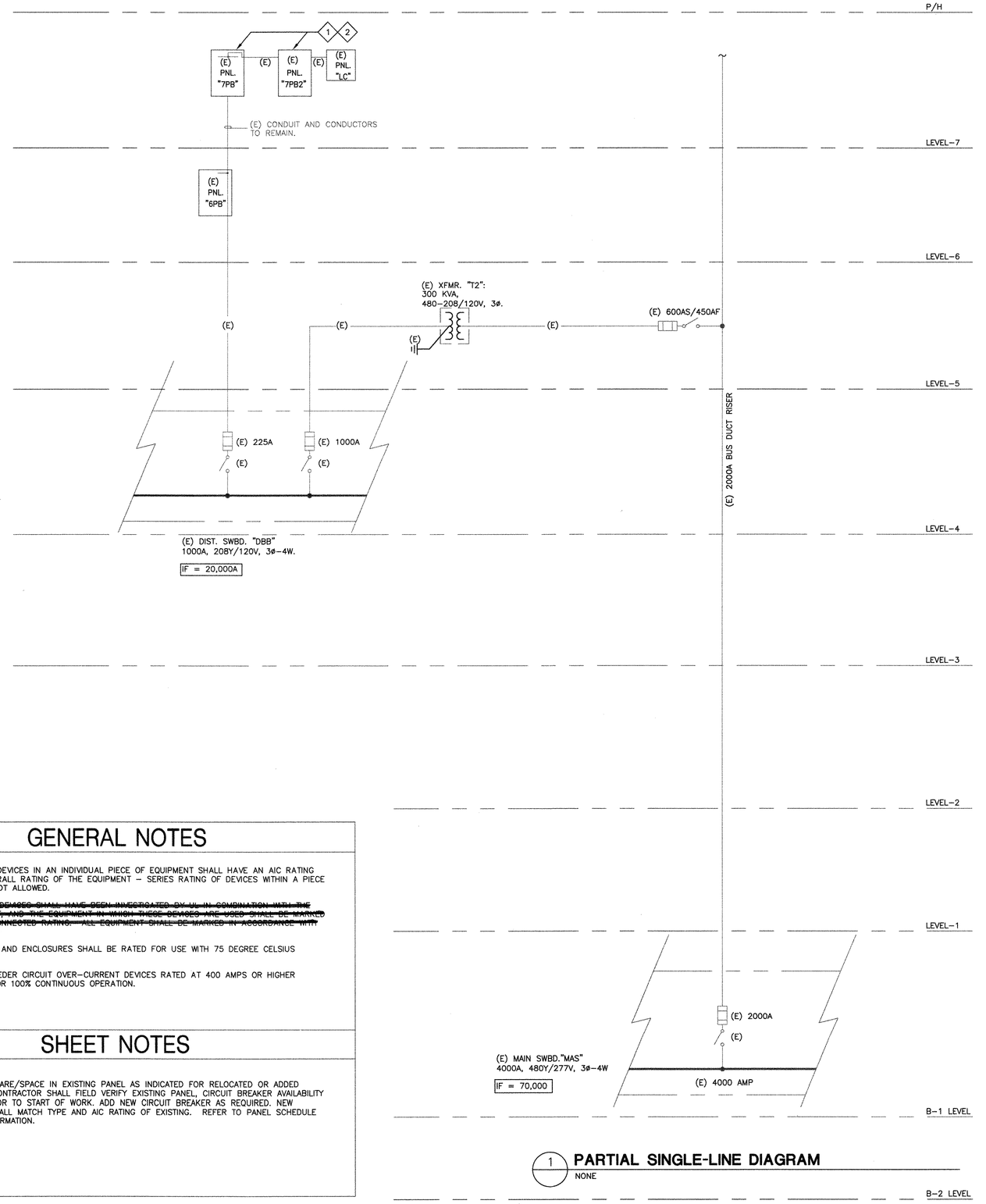
REMOVED LOAD			
(4)220 AMP OUTLETS 20 AMP BREAKER	3328 WATTS	=	13312 WATTS
(2)QUAD OUTLETS, 120 VOLT 20 AMP	350 WATTS	=	1400 WATTS
(10)DUPLEX OUTLETS, 120 VOLT 20 AMP	350 WATTS	=	3500 WATTS
	TOTAL	=	18212 WATTS
NEW LOAD			
CIRCUIT #19 (3)QUAD OUTLETS, 120 VOLT 20 AMP	1200 WATTS	=	1200 WATTS
CIRCUIT #21 (5)DUPLEX OUTLETS, 120 VOLT 20 AMP	900 WATTS	=	900 WATTS
CIRCUIT #23 (3)DUPLEX OUTLETS, 120 VOLT 20 AMP	1200 WATTS	=	1200 WATTS
CIRCUIT #25 (2)DUPLEX OUTLETS, 120 VOLT 20 AMP	360 WATTS	=	360 WATTS
CIRCUIT #35 (3)DUPLEX OUTLETS, 120 VOLT 20 AMP	1200 WATTS	=	1200 WATTS
CIRCUIT #37 (2)QUAD OUTLETS, 120 VOLT 20 AMP	1200 WATTS	=	1200 WATTS
CIRCUIT #39 (2)QUAD OUTLETS, 120 VOLT 20 AMP	1200 WATTS	=	1200 WATTS
	TOTAL	=	7260 WATTS
NET LOAD REDUCED 18212 WATTS - 7260 WATTS = 10952 WATTS			

GENERAL NOTES

1. ALL OVERCURRENT DEVICES IN AN INDIVIDUAL PIECE OF EQUIPMENT SHALL HAVE AN AIC RATING EQUAL TO THE OVERALL RATING OF THE EQUIPMENT – SERIES RATING OF DEVICES WITHIN A PIECE OF EQUIPMENT IS NOT ALLOWED.
2. ~~SERIES CONNECTED DEVICES SHALL HAVE BEEN INVESTIGATED BY UL IN COMBINATION WITH THE END USE EQUIPMENT, AND THE EQUIPMENT IN WHICH THESE DEVICES ARE USED SHALL BE MARKED WITH THE SERIES CONNECTED RATING. ALL EQUIPMENT SHALL BE MARKED IN ACCORDANCE WITH NEC REQUIREMENTS.~~
3. ALL TERMINATIONS AND ENCLOSURES SHALL BE RATED FOR USE WITH 75 DEGREE CELSIUS CONDUCTORS.
4. ALL BRANCH OR FEEDER CIRCUIT OVER-CURRENT DEVICES RATED AT 400 AMPS OR HIGHER SHALL BE RATED FOR 100% CONTINUOUS OPERATION.

SHEET NOTES

1. RE-USE EXISTING SPARE/SPACE IN EXISTING PANEL AS INDICATED FOR RELOCATED OR ADDED POWER OUTLETS. CONTRACTOR SHALL FIELD VERIFY EXISTING PANEL, CIRCUIT BREAKER AVAILABILITY AND AIC RATING PRIOR TO START OF WORK. ADD NEW CIRCUIT BREAKER AS REQUIRED. NEW CIRCUIT BREAKER SHALL MATCH TYPE AND AIC RATING OF EXISTING. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.



1 **PARTIAL SINGLE-LINE DIAGRAM**
NONE

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SINGLE LINE DIAGRAM & PANEL SCHEDULS

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