

DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT MANAGEMENT



Public Works

Mayor:
CAROLYN GOODMAN

City Council:
STEVEN D. ROSS
(Mayor Pro-Tem)
LOIS TARKANIAN
STAVROS S. ANTHONY
RICKI Y. BARLOW
BOB COFFIN
BOB BEERS

City Manager:
ELIZABETH N. FRETWELL

Director of Public Works:
DAVID BOWERS, P.E., P.T.O.E.

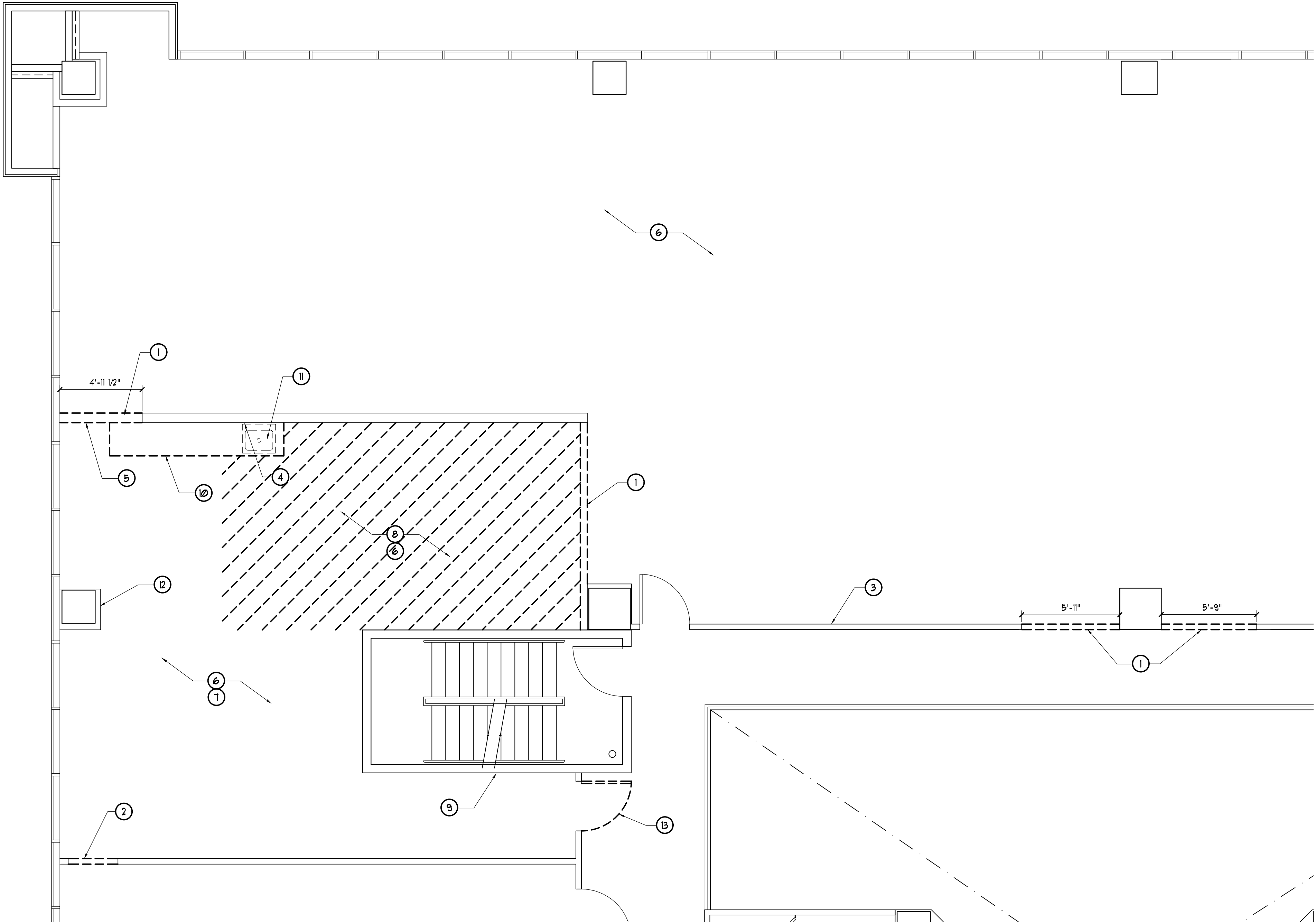
Development Services Center

5th Floor - Community Builders' Cafe

APPROVED BY: _____ DATE: _____

PROJECT MANAGER: _____

DEPARTMENT OF PUBLIC WORKS	
	REVISIONS
	CONSULTANT
Development Services Center 5th Floor - Community Builders' Cafe	
Cover Sheet	
STAMP	
OWNER: CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS	
DEVELOPMENT SERVICES CENTER 333 N. RANCHO DRIVE LAS VEGAS, NEVADA 89106 PHONE: (702) 229-6276 FAX: (702) 384-4846	
DRAWN	
FILE	
DATE	
SCALE	
DWG NO	
CLV DWG NO	
HANSEN NO	
SHT NO	
T1	



5th Floor Partial Demolition Plan

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



General Notes

1. PATCH AND REPAIR ALL WALLS AND CEILINGS AS NECESSARY TO PROVIDE SMOOTH FINISH FOR NEW TEXTURE AND PAINT. FINISH TO MATCH EXISTING.

Key Notes:

- ① EXISTING FRAMED WALL TO BE REMOVED AS SHOWN
- ② EXISTING FRAMED WALL TO BE REMOVED AS SHOWN FOR NEW 3'-0" DOOR
- ③ REMOVE EXTRA LAYER OF DRYWALL FROM WALL
- ④ REMOVE EXISTING PAPER TOWER AND SOAP DISPENSERS - STORE FOR REUSE
- ⑤ EXISTING REFRIGERATOR WATER SUPPLY BOX TO BE REMOVED - CAP PLUMBING ABOVE CEILING FOR REUSE
- ⑥ EXISTING WALL BASE TO BE REMOVED
- ⑦ EXISTING VCT TO BE REMOVED - PREP FOR NEW FLOOR
- ⑧ INDICATES AREA OF EXISTING VCT TO REMAIN
- ⑨ EXISTING TIMECLOCK SETUP TO REMAIN FUNCTIONAL DURING CONSTRUCTION. TIMECLOCK TO BE RELOCATED AT COMPLETION OF THE PROJECT AND BE COMPLETED IN ONE DAY
- ⑩ EXISTING CASEWORK AND BACKSPLASH TO BE SALVAGED, MODIFIED AND RELOCATED TO NEW JANITORS OPEN OFFICE
- ⑪ EXISTING SINK TO BE SALVAGED IN CASEWORK FOR REUSE. CAP EXISTING PLUMBING AS REQUIRED FOR REUSE.
- ⑫ EXISTING FURRING TO REMAIN ON COLUMN
- ⑬ EXISTING DOOR TO BE REMOVED, FRAME TO REMAIN. SALVAGE HARDWARE FOR REUSE, TURN MORTISE LOCKSET OVER TO CITY LOCKSMITH



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DEPARTMENT OF PUBLIC WORKS
Development Services Center
5th Floor - Community Builders' Cafe
5th Floor Partial Demolition Plan

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DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-8846

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DATE
SCALE

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August 2016
1/4"=1'-0"

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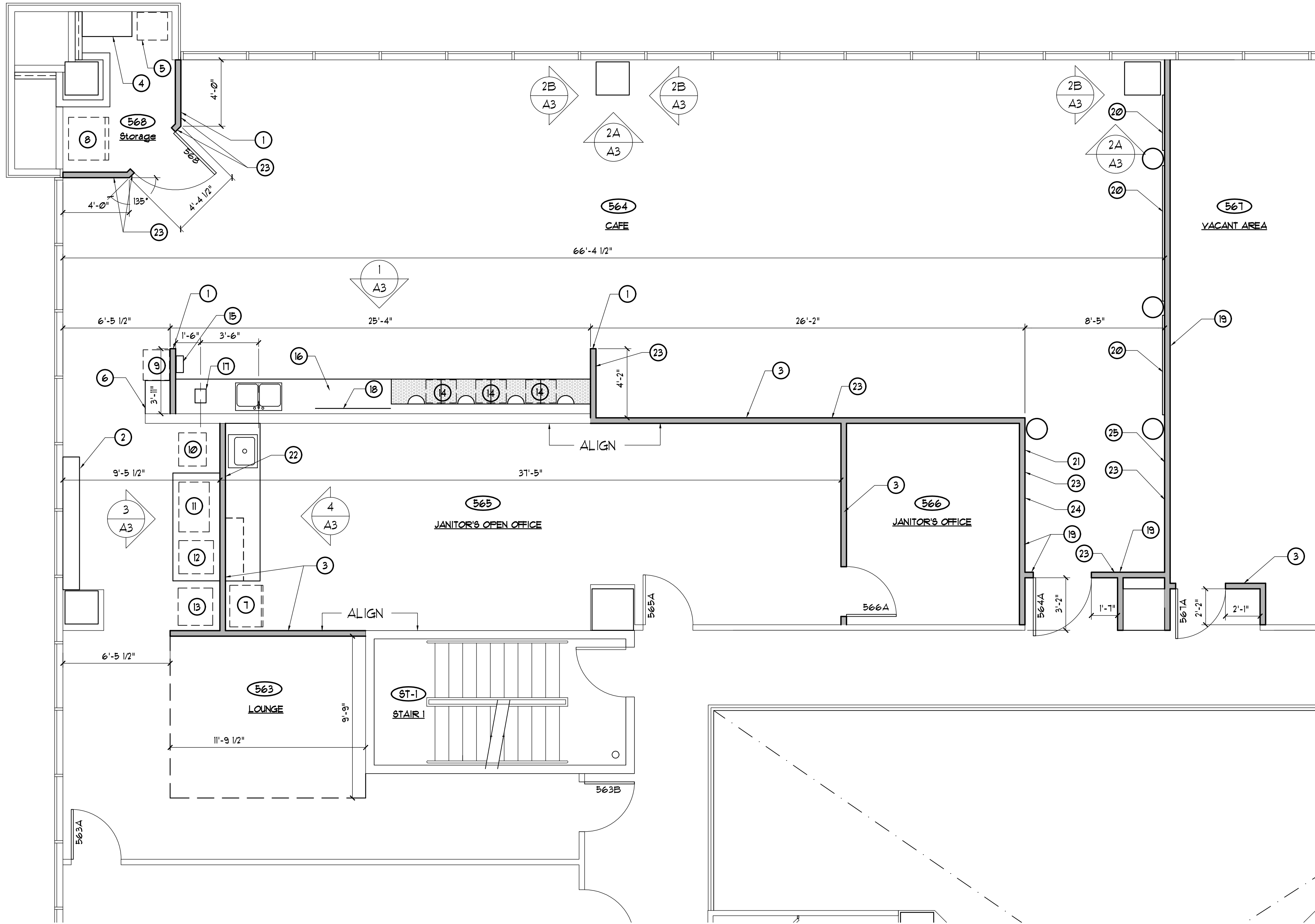
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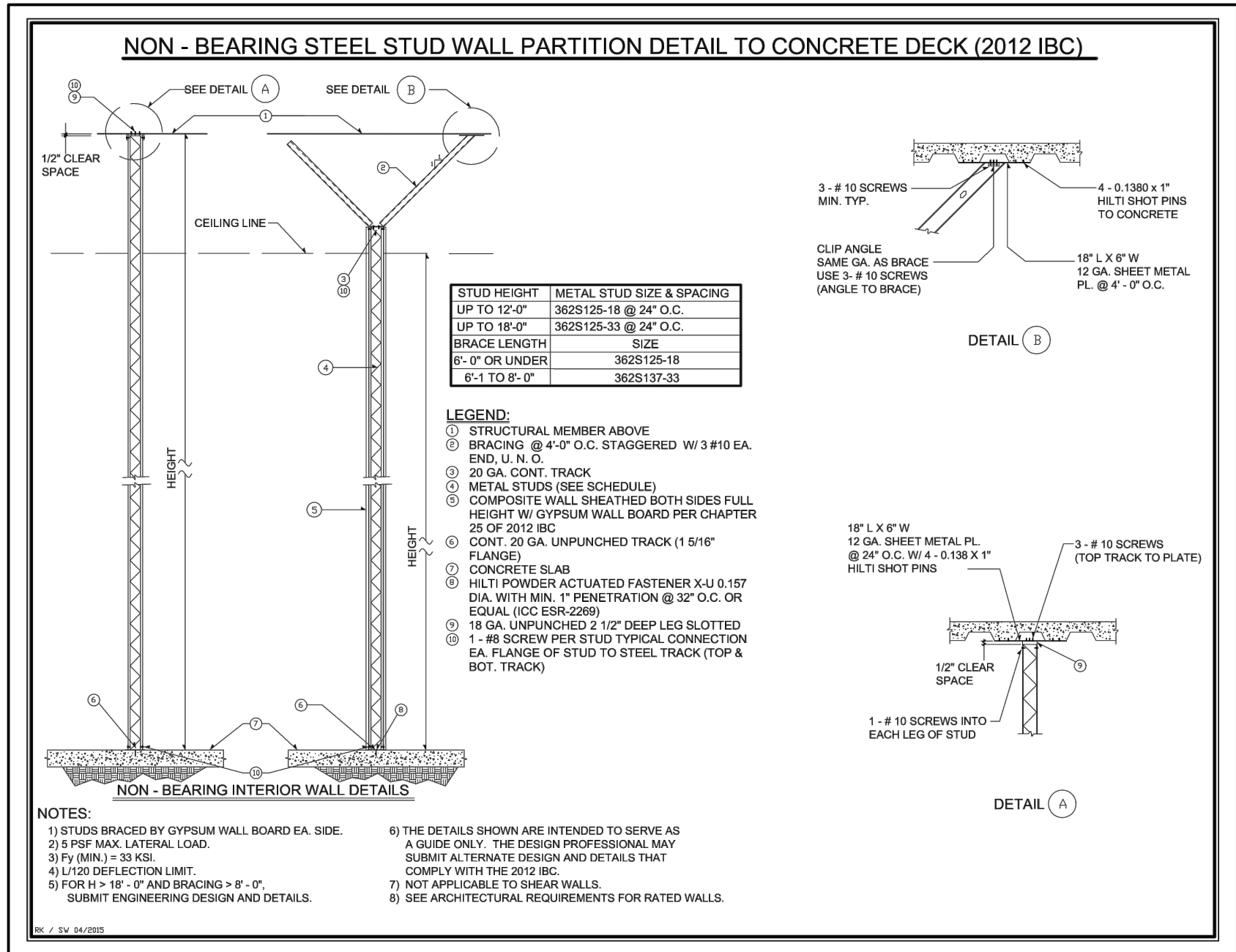
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D1



5th Floor Partial Floor Plan

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



1 Framing Detail

Scale: NTS

General Notes

1. PATCH AND REPAIR ALL WALLS WHERE EXISTING ELECTRICAL HAS BEEN REMOVED.

Key Notes:

- 3-5/8" STEEL STUD WALL TO 6" ABOVE CEILING - CONSTRUCT PER DETAIL 1/A1
48" X 48" SLATWALL PANELS - OAK LAMINATE W/ ALUMINUM INSERTS - PKG QTY 4 -
WWW.GLOBALINDUSTRIAL.COM ITEM #UBB198630 - INSTALL TO JUST BELOW WINDOW MULLION AND
8'-0" LONG. PROVIDE 12" DEEP X 4" TALL LAMINATE BOX INFRONT OF PANELS - COORDINATE W/
MARK POTOKAR
- 3-5/8" INSULATED STEEL STUD WALL TO 6" ABOVE CEILING - CONSTRUCT PER DETAIL 1/A1
18"D X 3"L X 3/4" THICK WOOD SHELVES, 3 TIERS AT 24"
- AUDIO VISUAL CABINET BY AV PROVIDER - PROVIDE BACKING AS REQUIRED
- 24"W X 18" D X 34" H SHELF - FINISH TO BE DESERT BEIGE
- EXISTING RELOCATED REFRIGERATOR
- REFRIGERATOR BY EQUIPMENT VENDOR
- PAY KIOSK BY EQUIPMENT VENDOR
- COFFEE MAKER BY EQUIPMENT VENDOR
- GLASS DOOR COUNTER REFRIGERATOR BY EQUIPMENT VENDOR
- GLASS DOOR COUNTER FREEZER BY EQUIPMENT VENDOR
- GLASS DOOR FULL HEIGHT REFRIGERATOR BY EQUIPMENT VENDOR
- MICROWAVE BY EQUIPMENT VENDOR
- PAPER TOWER DISPENSER - TO MATCH EXISTING TYPE
- SEMCO COUNTERTOP - COLOR TBD
- 8" X 10" OPENING IN COUNTER OVER TRASH CAN
- TV AND MOUNT
- 3-5/8" INSULATED STEEL STUD WALL, FULL HEIGHT - CONSTRUCT PER DETAIL 1/A1
- ACOUSTICAL ART PANELS ABOVE 44"
- INSTALL SIGN THAT STATES, " MAXIMUM OCCUPANCY = 94 OCCUPANTS
- REINSTALL PAPER TOWEL AND SOAP DISPENSOR - 44" MAX TO OPERABLE PARTS
- INSTALL CHAIR RAIL THAT MATCHES THE PROFILE/COLOR/HEIGHT OF THE ELECTRICAL WIREMOLD
- INSTALL 48" W X 36" H WOOD FRAME 1 DOOR ENCLOSED FABRIC BOARD (ALLENDISPLAY.COM -
SKU SF-WB3648). FRAME = WALNUT, FABRIC BACK = WHEAT, ORIENTATION = HORIZONTAL -
PROVIDE BACKING AS REQUIRED
- INSTALL (2) POCKET WALLMOUNT MAGAZINE RACK (ALLENDISPLAY.COM - SKU PP-462 -
SIDE/RETAINER = WALNUT, BACK PANEL = WHEAT - PROVIDE BACKING AS REQUIRED



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Development Services Center
5th Floor - Community Builders' Cafe

5th Floor Partial Floor Plan

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333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4845

DRAWN: dec21050505A1

DATE: August 2016

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

RID NO:

CLV DWG NO: 521+299-9

HANSEN NO:

59368

SHT NO:

A1



Development Services Center
5th Floor - Community Builders' Cafe

Elevation

NP

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33 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

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August 2016

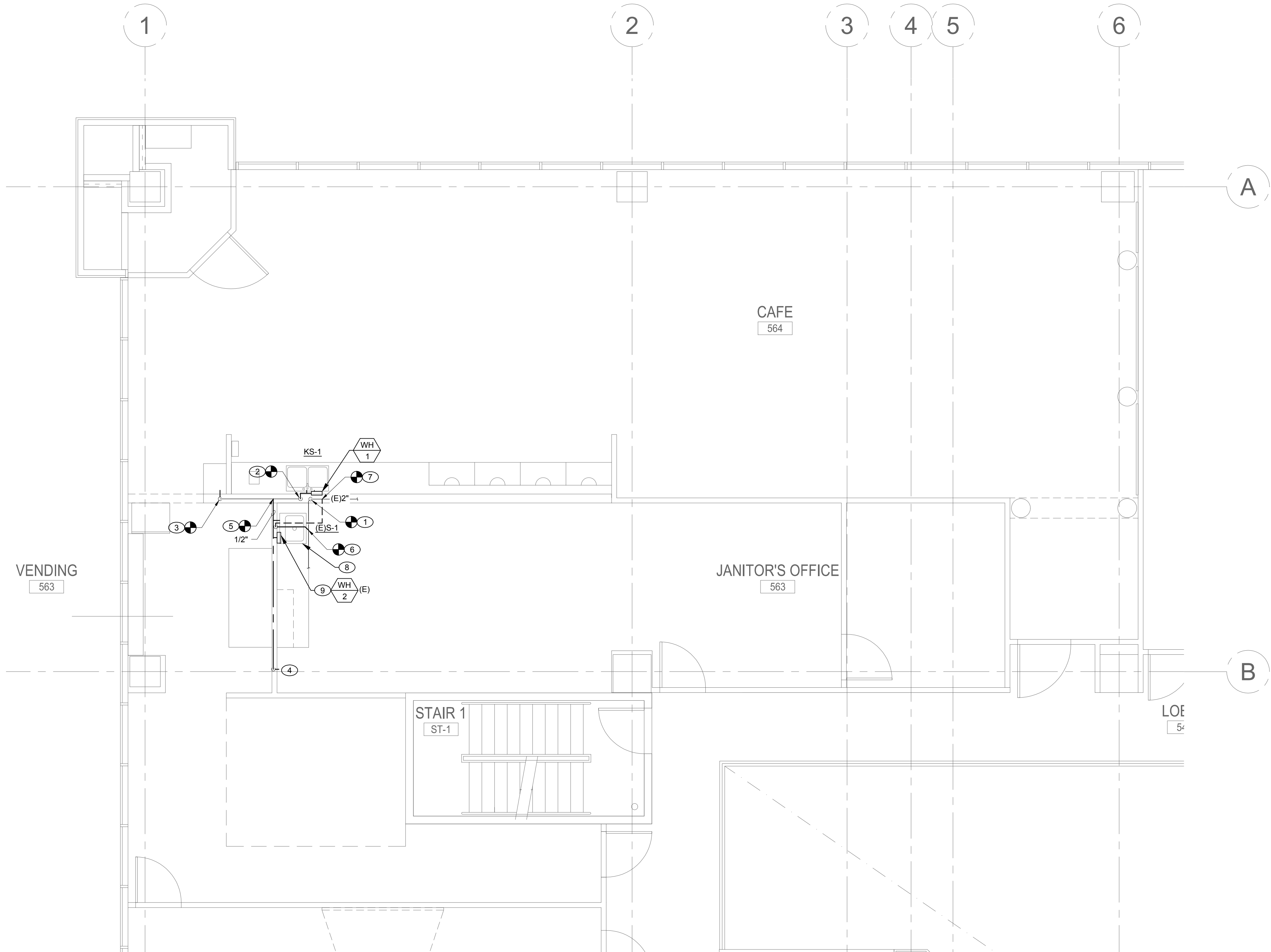
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A3



1 5TH FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- ALL PLUMBING FIXTURES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BLDG. DEPT.
- PRIOR TO DETAILING & INSTALLING PLUMBING PIPING COORDINATE EXACT ROUTING AND ELEVATIONS WITH MECHANICAL, ELECTRICAL AND FIRE SPRINKLER CONTRACTORS. PROVIDE WRITTEN CONFIRMATION THAT THIS COORDINATION HAS BEEN IMPLEMENTED PRIOR TO PROCEEDING WITH INSTALLATION OF PIPING.
- ALL PLUMBING FIXTURES SHALL HAVE A TRAP INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.
- EXISTING PLUMBING LAYOUT IS BASED ON DRAWINGS AND INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXISTING CONDITIONS MAY BE DIFFERENT THAN WHAT IS SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. THESE CONDITIONS SHALL INCLUDE BUT NOT BE LIMITED TO DEPTH, SCOPE, DIRECTION OF FLOW, CONDITION OF PIPE AND CAPACITY TO HANDLE NEW FIXTURE COUNTS. IF EXISTING CONDITIONS VARY SIGNIFICANTLY AS TO ADD OR DIMINISH FROM THE INTENT OF THESE DRAWINGS, CONTRACTOR SHALL NOTIFY ENGINEER AND/OR OWNER.
- ALL DENOTED "EY" EXISTING, ARE DEPICTED FOR REFERENCE AND ARE FROM EXISTING RECORD DOCUMENTS, BUT DO NOT REPRESENT EXACT LOCATION OF INSTALLATION. CONTRACTOR SHALL USE THESE NOTES AT REFERENCE AND SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.

KEY NOTES: #

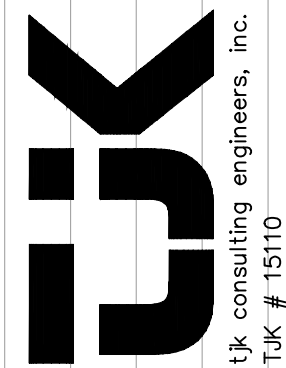
- POINT OF CONNECTION OF NEW SANITARY SEWER AND VENT LINE TO EXISTING SANITARY SEWER AND EXISTING VENT LINE.
- POINT OF CONNECTION OF NEW CW TO EXISTING CW LINE. CONNECT 1/2" CW TO NEW SINK AND 1/2" CW TO WH-1. CONNECT 1/2" HW FROM WH-1 TO NEW SINK.
- 1/2" CW TO NEW COFFEE MAKER. PROVIDE WATER FILTER. COORDINATE LOCATION OF WATER LINE WITH EQUIPMENT VENDOR. DEMO REMAINING LINE TO EXISTING FRIDGE ICE CONNECTION.
- 1/2" CW FROM EXISTING LINE TO NEW FRIDGE ICE CONNECTION LOCATION.
- POINT OF CONNECTION OF NEW CW TO EXISTING CW LINE.
- POINT OF CONNECTION OF NEW SANITARY SEWER LINE TO EXISTING SANITARY SEWER LINE.
- POINT OF CONNECTION OF NEW VENT LINE TO EXISTING VENT LINE.
- EXISTING SINK TO BE SHIFTED FROM PREVIOUS LOCATION TO LOCATION SHOWN ON PLAN. RELOCATE EXISTING INSTAHOT WATER HEATER WITH SINK.
- PROVIDE 1/2" CW TO SINK AND 1/2" CW TO EXISTING INSTAHOT WATER HEATER. PROVIDE 1/2" HW TO SINK.



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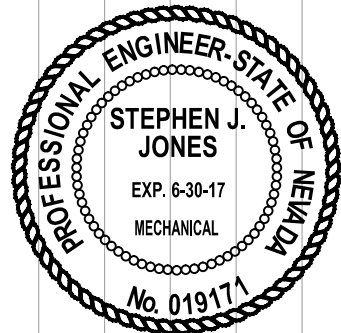
5459 S. Durango Dr., 100
Las Vegas, NV 89113
P: 702.877.1321
F: 702.877.1853
www.tjkengineering.com



Development Services Center
5th Floor - Community Builders' Cafe

5TH FLOOR PLUMBING PLAN

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08/03/2016

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DEVELOPMENT SERVICES CENTER
3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN

TJK

FILE

dtc20150504a2

DATE

AUGUST 2016

SCALE

AS NOTED

BID NO

CLV DWG NO

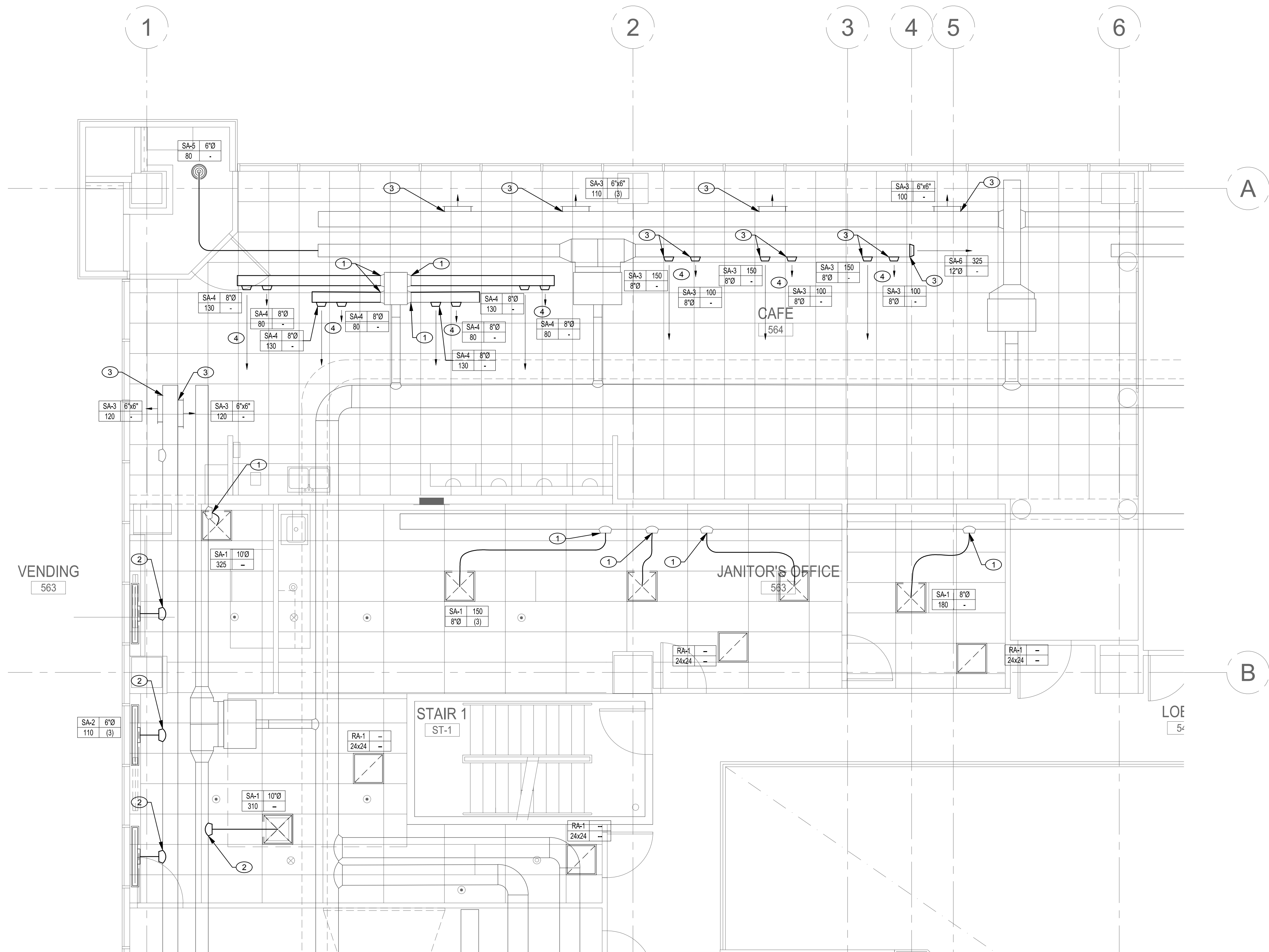
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59368

SHT NO

P1.01



1 5TH FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START.
2. POSITION ALL UNITS & FANS TO PROVIDE ADEQUATE CLEARANCE FOR MAINTENANCE AND PER CODE.
3. COORDINATE ALL MECHANICAL WORK FOR POTENTIAL CONFLICTS WITH OTHER TRADES.
4. MAIN DUCT PENETRATIONS SHALL BE FULL SIZE RIGID SHEET METAL DOWN BELOW ROOF WITH ADEQUATE LENGTH TO ATTACH DUCT RUNS AND SMOKE DETECTOR.
5. ALL EXPOSED DUCTWORK SHALL BE RIGID SHEET METAL. ALL OTHER SUPPLY AND RETURN DUCTWORK MAY HAVE FLEXIBLE DUCTWORK OF MAX 8' ON EACH RUN. ALL EXHAUST DUCTS SHALL BE RIGID SHEET METAL.
6. AIRFLOWS SHOWN ARE BASED ON A PREVIOUS AIR BALANCE REPORT. VERIFY AIRFLOW THROUGH DIFFUSERS AND GRILLES AND ADJUST VAV BOXES TO ACHIEVE REQUIRED AIRFLOWS.

KEY NOTES: (H)

1. POINT OF CONNECTION OF NEW DUCT TO EXISTING DUCT BRANCH.
2. POINT OF CONNECTION OF NEW BRANCH TO EXISTING DUCT.
3. INSTALL NEW DIFFUSER/REGISTER TO EXISTING DUCT. CAP EXISTING BRANCH OFFS THAT WILL NOT BE USED.
4. DIRECT NOZZLE DIFFUSERS SO THAT AIR IS DISTRIBUTED THROUGH FURTHER AND NEARER OPENINGS OF LATTICE CEILING BASED ON ARROW LENGTH SHOWN ON PLAN.



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Development Services Center
5th Floor - Community Builders' Cafe
5TH FLOOR MECHANICAL PLAN

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3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

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FILE: dsc20150504s2
DATE: DECEMBER 2016
SCALE: AS NOTED
BID NO.
CLV DWG NO: 521-299-9
HANSEN NO: 59368
SIT NO:

M1.01



COMcheck Software Version 4.0.2.2
Interior Lighting Compliance
Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: DEVELOPMENT SERVICES BUILDING
Project Type: Addition
Construction Site: 333 NORTH RANCHO DR
LAS VEGAS, NV 89106
Owner/Agent: Designer/Contractor:

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B x C)
CAFE (Dining: Bar Lounge/Leisure)	2725	1.3	3543
VENDING (Dining: Bar Lounge/Leisure)	720	1.3	936
JANITOR (Office)	720	1	720
OFFICE (Office)	126	1	126
DATA CLOSET (Office)	47	1	47
Total Allowed Watts =			5372

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
CAFE (Dining: Bar Lounge/Leisure 2725 sq.ft.)				
Track lighting 1: Wattage based on circuit breaker capacity (8 amps x 120 volts)	0	0	960	960
Linear Fluorescent 7: F3: 2X2: 24" T8 17W: Electronic:	2	21	34	714
LED 1: F2: DOWNLIGHT: LED Other Fixture Unit 40W:	1	1	42	42
LED 2: F5: LED PENDANT: LED MR 6W:	1	2	6	12
VENDING (Dining: Bar Lounge/Leisure 720 sq.ft.)				
F1/F1E Linear Fluorescent: F1/F1E: 2X4: 48" T8 32W: Electronic:	2	5	32	160
Track lighting 2: Wattage based on circuit breaker capacity (8 amps x 120 volts)	0	0	960	960
Linear Fluorescent 6: F3: 2X2: 24" T8 17W: Electronic:	2	2	34	68
JANITOR (Office 720 sq.ft.)				
F1/F1E Linear Fluorescent: F1/F1E: 2X4: 48" T8 32W: Electronic:	2	11	32	352
OFFICE (Office 126 sq.ft.)				
F1/F1E Linear Fluorescent: F1/F1E: 2X4: 48" T8 32W: Electronic:	2	2	32	64
DATA CLOSET (Office 47 sq.ft.)				
Linear Fluorescent 8: F4: 1X4: 24" T8U 32W: Electronic:	2	1	64	64
Total Proposed Watts =			3396	

Section 4: Requirements Checklist

Interior Lighting PASSES Design 37% better than code.

Lighting Wattage:

- ☐ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
5372	3396	YES

Project Title: DEVELOPMENT SERVICES BUILDING
Data filename: J:\2015\15110 CLV 5th & 7th Floor Tenant Improvements\OFFICE\5TH FLOOR\IECC\20160713-15110-5TH FLOOR ELECTRICAL IECC.ccd
Report date: 07/13/16
Page 1 of 2

Controls, Switching, and Wiring:

- ☐ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
- ☐ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.
- Exceptions:
- ☐ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
- ☐ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.
- ☐ 4. Independent controls for each space (switch/occupancy sensor).
- Exceptions:
- ☐ Areas designated as security or emergency areas that must be continuously illuminated.
- ☐ Lighting in stairways or corridors that are elements of the means of egress.
- ☐ 5. Master switch at entry to hotel/motel guest room.
- ☐ 6. Individual dwelling units separately metered.
- ☐ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
- ☐ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.
- Exceptions:
- ☐ Only one luminaire in space.
- ☐ An occupant-sensing device controls the area.
- ☐ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
- ☐ Areas that use less than 0.6 Watts/sq.ft.
- ☐ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.
- Exceptions:
- ☐ Sleeping units, patient care areas, and spaces where automatic shutoff would endanger safety or security.
- ☐ 10. Photocell/astromonical time switch on exterior lights.
- Exceptions:
- ☐ Lighting intended for 24 hour use.
- ☐ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
- Exceptions:
- ☐ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.0.2.2 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date



REVISIONS

CONSULTANT

Development Services Center
5th Floor - Community Builders' Cafe

COMPLIANCE FORMS

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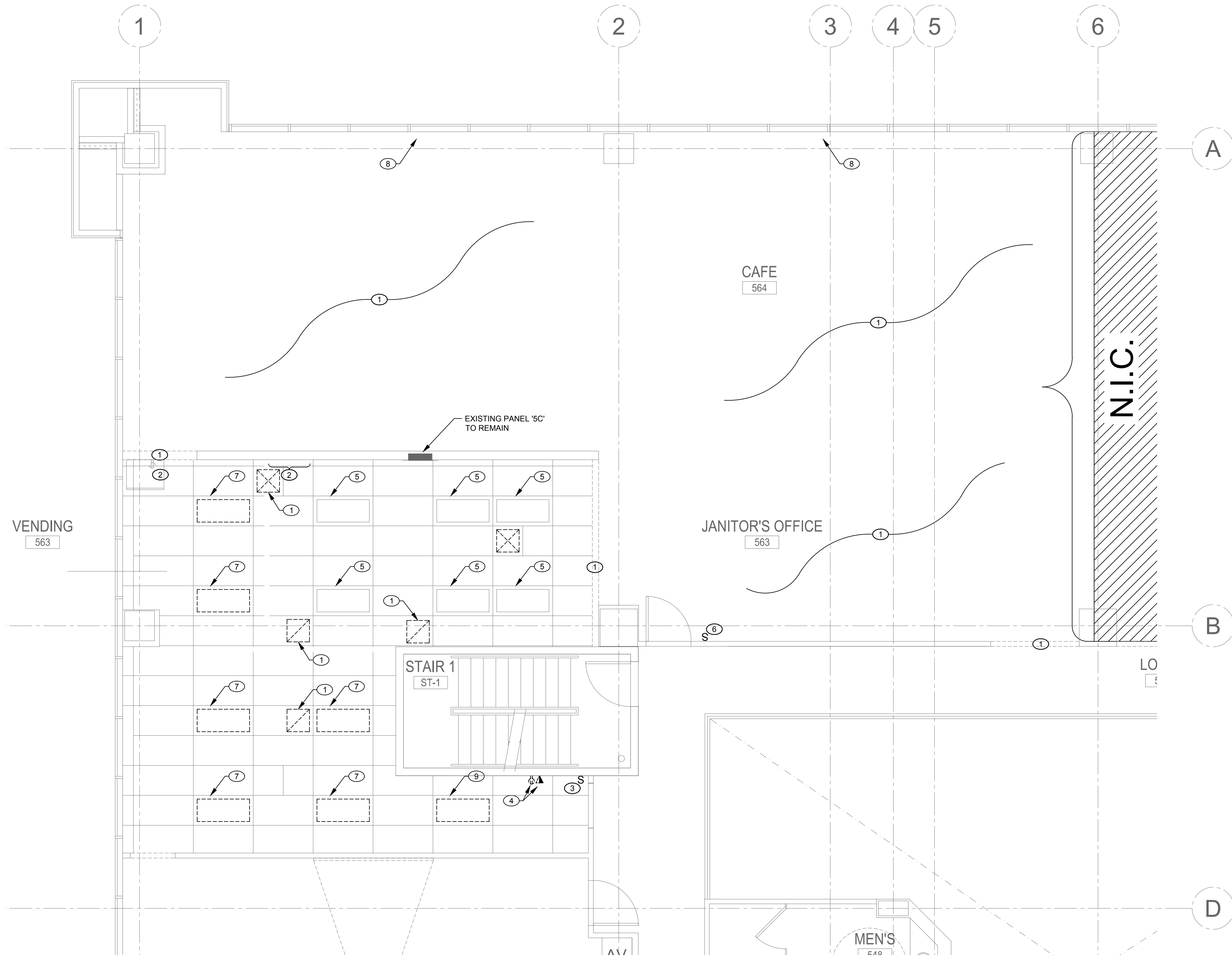
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LAS VEGAS, NEVADA 89106
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FILE dsc20150504s2
DATE DECEMBER 2016
SCALE AS NOTED
BID NO
CLV DWG NO 521-299-9
HANSEN NO 59368
SHT NO

EG3.0



1 PARTIAL FLOOR-5TH FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- CONTRACTOR TO REMOVE OUTLETS AND PROVIDE AS SALVAGE AS DIRECTED BY OWNERS REPRESENTATIVE. DEMOLITION WILL INCLUDE REMOVAL OF CONDUIT AND WIRING FROM OUTLET BACK TO POINT OF SOURCE.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONTINUITY OF ALL EXISTING POWER AND LOW VOLTAGE CIRCUITING SCHEDULED TO REMAIN WHICH PASS THRU DEMOLITION AREA.
 - COORDINATE OUTLET LOCATIONS, MOUNTING HEIGHTS AND DEVICE COLORS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
 - CONTRACTOR TO CLEAN LIGHT FIXTURES AND REPLACE ALL EQUIPMENT IF DAMAGED IN AREAS OF WORK TO OWNERS APPROVAL.
 - CONTRACTOR TO REMOVE ALL LIGHT FIXTURES AS INDICATED AND PROVIDE SALVAGE AS DIRECTED BY OWNER'S REPRESENTATIVE. DEMOLITION WILL INCLUDE REMOVAL OF ALL BRANCH CIRCUIT CONDUIT AND WIRING FROM OUTLET/LIGHT FUTURE SOURCE.
 - REFER TO ARCHITECTURAL DRAWINGS FOR LIMITS OF DEMOLITION AND ADDITIONAL INFORMATION

- KEY NOTES: ⑧**
- CONTRACTOR TO REMOVE ALL ELECTRICAL EQUIPMENT CONDUIT AND CONDUCTORS OUT OF DEMOLISHED AREA AS DEFINED BY ARCHITECTURAL PLANS TO OUTSIDE OF AREA.
 - EXISTING OUTLETS TO BE REMOVED. THIS SHALL INCLUDE, BUT NOT LIMITED TO OUTLET, OUTLET BOXES, CONDUIT, CONDUCTORS, ETC TO ACCESSIBLE POINT OF ORIGINATION OR PANEL SERVING CIRCUIT. EXISTING INSTA-HOT TO BE REMOVED AND REPLACED.
 - CONTRACTOR TO REMOVE SWITCH, PROVIDE WITH COVER PLATE. THE CONDUCTOR AND CONDUIT TO REMAIN IN PLACE.
 - EXISTING TIME CLOCK TO BE REMOVED AND RELOCATED SEE SHEET E2.1 FOR NEW LOCATION. PROTECT EXISTING DEVICES IN PLACE. PROVIDE NEW FACE PLATES WHEN CONSTRUCTION IS COMPLETE
 - EXISTING LIGHT FIXTURES TO REMAIN. PROTECT EXISTING CIRCUIT IN PLACE. CONTRACTOR TO CLEAN EXISTING FIXTURES INCLUDING LENSES AND REPLACE ALL EXISTING LAMPS WITH NEW.
 - REMOVED EXISTING SWITCH LEG AND COVER PLATE ONLY. MAINTAIN AND PROTECT IN PLACE THE EXISTING JUNCTION BOX.
 - LIGHT FIXTURES TO BE REMOVED AND RELOCATED. CONTRACTOR TO CLEAN EACH FIXTURE AND REPLACE PARTS AS NEEDED. REMOVE CONDUIT, CONDUCTORS, JUNCTION BOX AND EQUIPMENT BACK TO NEAREST SOURCE OUTSIDE OF DEMOLITION AREA.
 - EXISTING COMMUNICATION DEVICE TO REMAIN. CABLES TO BE REMOVED.
 - RETURN LIGHT FIXTURES TO OWNER.



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5th Floor - Community Builders' Cafe

PARTIAL FLOOR-5TH FLOOR
DEMOLITION PLAN

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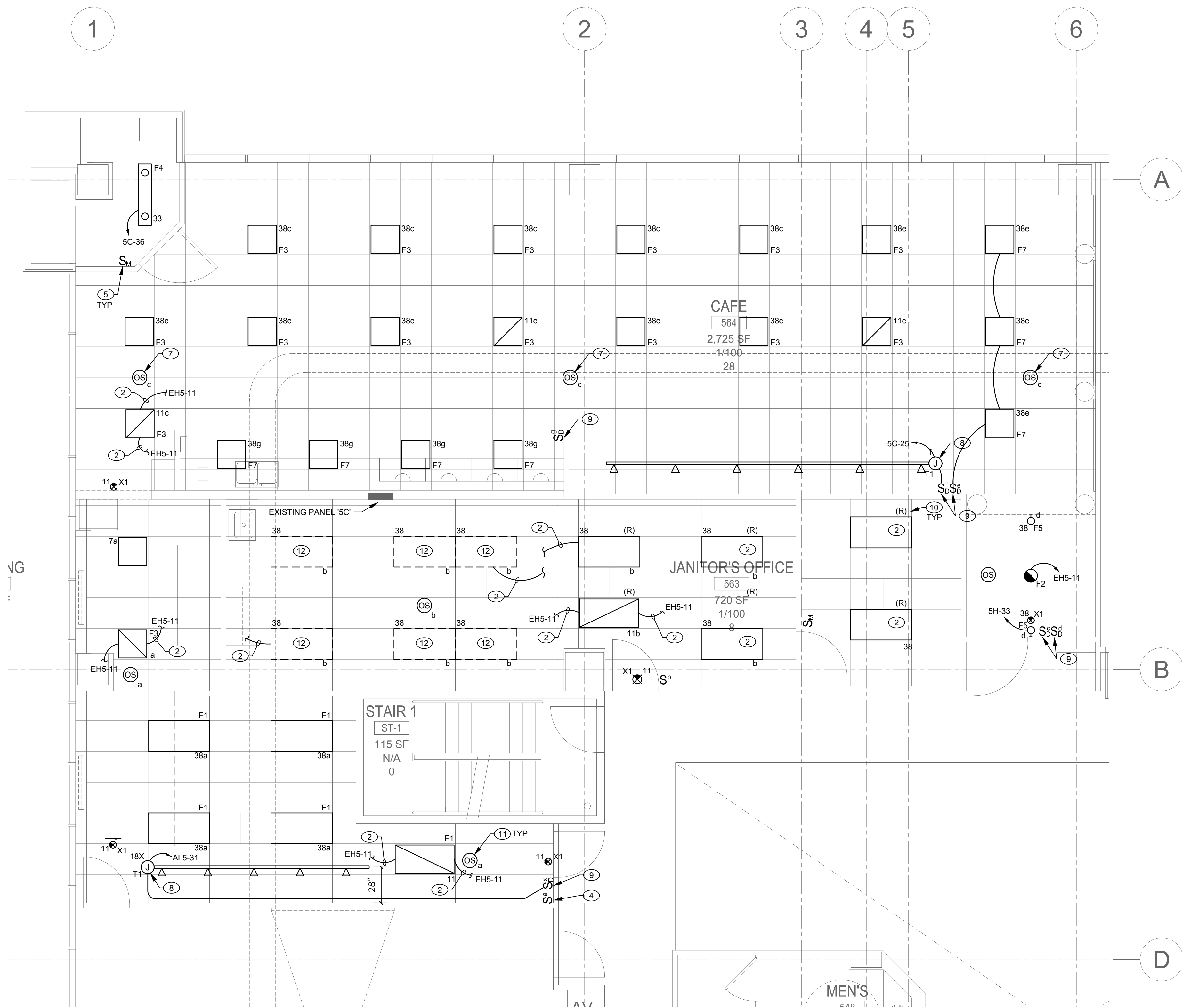
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PHONE: (702) 229-6276
FAX: (702) 384-4846

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1 PARTIAL FLOOR - 5TH FLOOR LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL CONDUITS SHALL CARRY A GREEN GROUND CONDUCTOR.
2. (R) EQUALS RELOCATED EQUIPMENT.
3. PROVIDE 0-10V. CONDUCTORS IN CONDUIT FOR ALL FIXTURES IDENTIFIED AS BEING DIMMED.

KEY NOTES: #

1. EXTEND AND CONNECT CIRCUITING FROM JUNCTION BOX TO OUTLETS IN AREA WITH SAME CIRCUIT NUMBERS, ROUTE #12 CONDUCTORS (MINIMUM) THROUGHOUT, UNLESS NOTED OTHERWISE.
2. INTERCEPT AND EXTEND AND CONNECT EXISTING BRANCH WHICH SERVES THIS AREA TO NEW LIGHT FIXTURE AS INDICATED. EXTEND AND CONNECT CIRCUITING FROM JUNCTION BOX TO NEW LIGHT FIXTURE WITH THE SAME CIRCUIT NUMBERS, ROUTE #12 CONDUCTORS (MINIMUM) THROUGHOUT, UNLESS NOTED OTHERWISE.
3. COORDINATE WITH ALUMINUM SIGNAGE AND EXIT SIGN FOR OPTIMAL PLACEMENT.
4. FURNISH AND INSTALL NEW LIGHT SWITCH AS INDICATED. THE CONTRACTOR SHALL PROVIDE JUNCTION BOXES, CONDUIT, CONDUCTORS AS REQUIRED TO HAVE LIGHT FIXTURE CONTROLLED AS INDICATED. FACE PLATE AND DEVICE TO MATCH ADJACENT WALL.
5. PROVIDE NEW 120/277 WALL MOUNTED LINE VOLTAGE PASSIVE DUAL TECHNOLOGY VACANCY SENSOR, COLOR TO MATCH ADJACENT WALL (SENSOR SWITCH #VVSX-PDT-SA* OR EQUIVALENT) FOR LOCAL AREA LIGHTING CONTROL. LOCATE AND WIRE SENSOR AS RECOMMENDED BY MANUFACTURERS SHOP/PRODUCT DATA.
6. PROJECTOR IN CEILING. COORDINATE LOCATION WITH OWNER REPRESENTATIVE FOR EXACT LOCATION AND HEIGHT PRIOR TO ROUGH-IN. INSTALL PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
7. CONTRACTOR TO COORDINATE WITH CEILING INSTALLATION FOR OPTIMAL SENSOR INSTALLATION INSTALL PER MANUFACTURER REQUIREMENTS.
8. PROVIDE 8A IN-LINE CIRCUIT LIMITER HUBBLE MODEL # TCLF** (COLOR TO MATCH CEILING) OR EQUIVALENT COORDINATE CEILING MOUNT, COLOR, AND MOUNTING REQUIREMENTS PRIOR TO ORDER.
9. PROVIDE JUNCTION BOX FOR DIMMER SWITCH. THE CONTRACTOR SHALL PROVIDE JUNCTION BOXES, CONDUIT, CONDUCTORS AS REQUIRED TO HAVE LIGHT FIXTURES CONTROLLED AS INDICATED.
10. RELOCATED LIGHT FIXTURE FROM SHEET ED1.1 CLEAN LIGHT FIXTURE AND INTERCEPT AND CONNECT BRANCH CIRCUIT AS INDICATED ON DRAWINGS.
11. PROVIDE CEILING MOUNT PASSIVE DUAL TECHNOLOGY OCCUPANCY SENSOR (COVER TO MATCH ADJACENT CEILING) WITH REQUIRED EXTERNAL POWER PACKS (SENSOR SWITCH CMR-PDT-9 WITH #PP-20-RP POWER PACK(S)) FOR CONTROL OF LUMINARIES IN SAME AREA. REFER TO MANUFACTURERS SHOP DRAWINGS/PRODUCT DATA FOR WIRING SCHEME.
12. EXISTING LIGHT FIXTURES.



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PARTIAL FLOOR-5TH FLOOR
LIGHTING PLAN

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OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN

FILE

ds2015050482

DATE

DECEMBER 2016

SCALE

AS NOTED

BID NO

CLV DWG NO

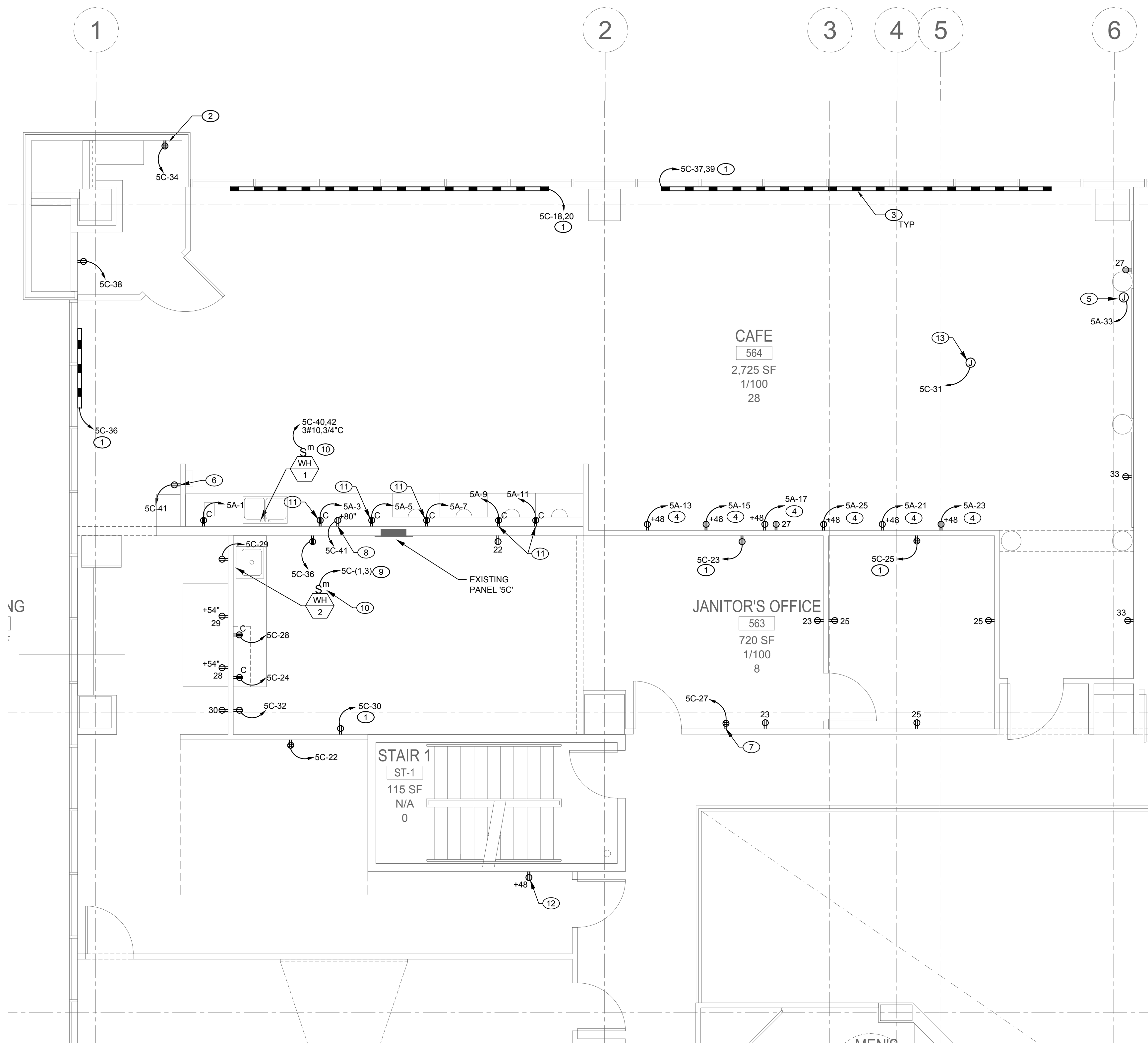
521-299-9

HANSEN NO

59368

SIT NO

E1.1



1 PARTIAL FLOOR-5TH FLOOR POWER
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- COORDINATE OUTLET LOCATIONS, MOUNTING HEIGHTS AND DEVICE COLORS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.

KEY NOTES: #

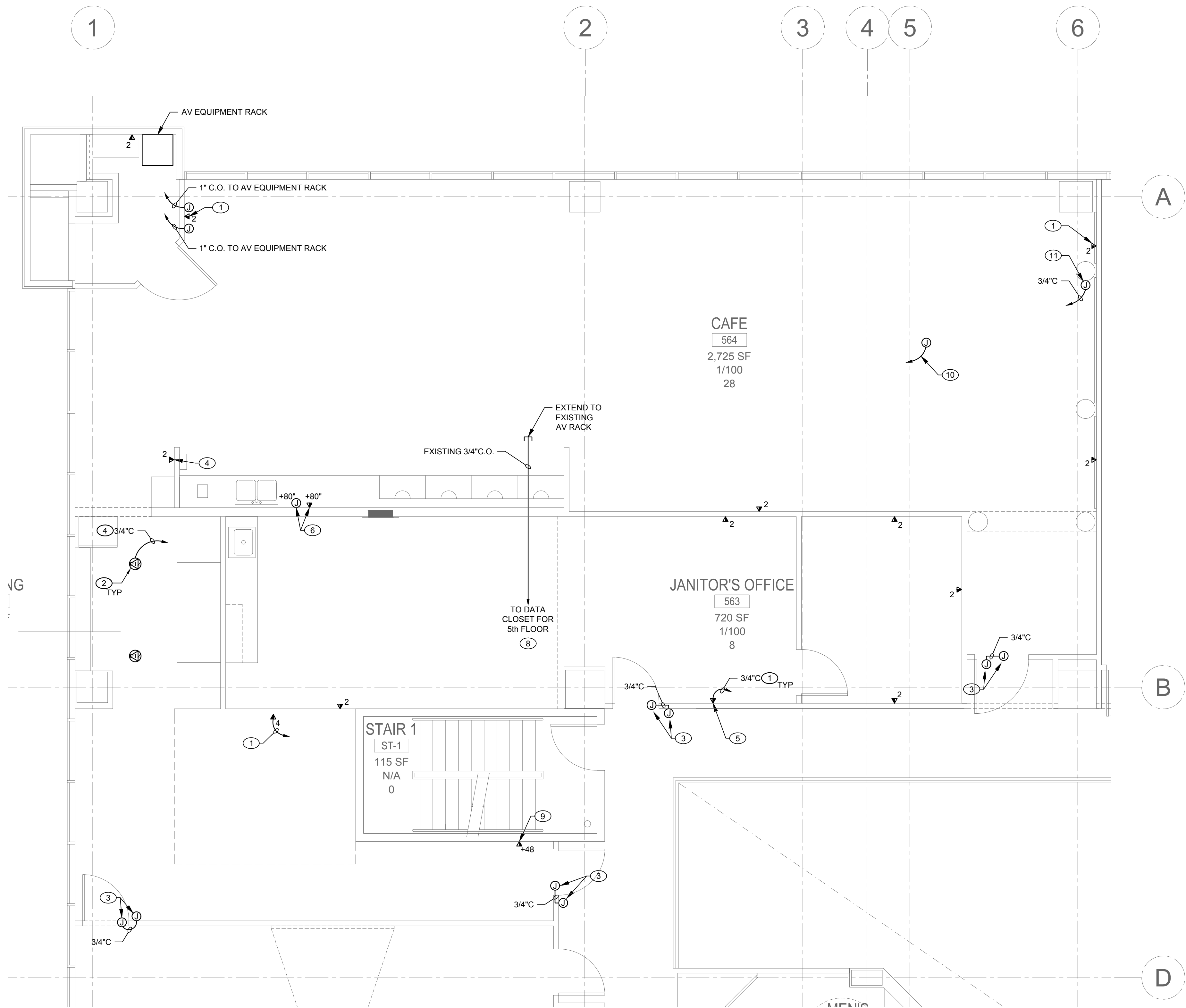
- EXTEND AND CONNECT CIRCUITING FROM OUTLETS IN THE SAME AREA WITH SAME CIRCUIT NUMBERS, ROUTE #12 CONDUCTORS (MINIMUM) THROUGHOUT, UNLESS NOTED OTHERWISE.
- OUTLETS TO SERVE POWER AND COMMUNICATION REQUIREMENTS FOR ALL EQUIPMENT. COORDINATE LOCATION OF OUTLET WITH AV EQUIPMENT LAYOUT PRIOR TO ROUGH-IN.
- PROVIDE PLUG MOLD MULTI-OUTLET POWER RECEPTACLE AND USB CHARGER, WIRE MOLD MULTI-OUTLET MODEL No. #BK20GB809TRUSSA, 60" BLACK PAINTED, 3 OUTLETS AND 3 USB OR EQUIVALENT. CONTRACTOR TO COORDINATE WITH OWNER FOR THE QUANTITY OF OUTLETS PER SECTION. INSTALL PER MANUFACTURER REQUIREMENTS AND RECOMMENDATION.
- DEVICES SHALL BE INSTALLED AT 90° (HORIZONTAL) AT 48" ABOVE FINISHED FLOOR EVENLY SPACED ALONG WALL.
- PROVIDE JUNCTION BOX FOR CONNECTION FOR MOTORIZED SCREEN. COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS OR OWNERS REPRESENTATIVE FOR EXACT LOCATION AND HEIGHT PRIOR TO ROUGH-IN. INSTALL PER MANUFACTURER REQUIREMENTS AND RECOMMENDATION. TRACK TO BE PLACED SNUGGLED UP UNDERNEATH CEILING.
- PROVIDE JUNCTION BOX FOR POWER DUPLEX FOR KIOSK CONNECTION. MOUNT AT 48" ABOVE FINISHED FLOOR. COORDINATE WITH ARCHITECTURAL PLANS. SEE DRAWING E3.1 FOR DATA INFORMATION.
- PROVIDE JUNCTION BOX FOR DUPLEX FOR TIME CLOCK. REINSTALL TIME CLOCK PER MANUFACTURERS REQUIREMENTS. COORDINATE HEIGHT WITH OWNER.
- PROVIDE OUTLET FOR CONNECTION TO TELEVISION. CONTRACTOR TO COORDINATE LOCATION AND HEIGHT WITH OWNER PRIOR TO ROUGH-IN. ROUTE 1-1/4" CONDUIT BACK TO DATA ROOM JUNCTION BOX.
- RELOCATED INSTA-HOT (WH-2) INTERCEPT AND RECONNECT SAME CIRCUIT MAINTAIN THE SAME SIZE CONDUIT AND CONDUCTORS THROUGHOUT.
- PROVIDE MANUAL SWITCH FOR WH-1 AND 2 (INSTA-HOT) FOR DISCONNECTING MEANS.
- COORDINATE WITH ARCHITECTURAL PLANS FOR HEIGHT OF BACK SPLASH AND COUNTER MOUNTED GFCI DUPLEX(S)
- PROVIDE FACE PLATE FOR EXISTING DUPLEX.
- PROVIDE JUNCTION BOX FOR PROJECTOR. CONTRACTOR TO COORDINATE WITH CEILING INSTALLATION AND MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS FOR OPTIMAL PLACEMENT PRIOR TO ROUGH-IN. SEE DRAWING E3.1 FOR COMMUNICATIONS JUNCTION BOX PLACEMENT COORDINATION.



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1 PARTIAL FLOOR-5TH FLOOR COMMUNICATIONS PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES: (#

1. ROUTE 3/4" CONDUIT WITH (2) CAT 6 CABLE TO EXISTING IDF BACKBOARD THAT SERVES THE AREA. COORDINATE WITH BUILDING/ OWNER REPRESENTATIVE PRIOR TO ORDER.
2. INSTALL SURVEILLANCE CAMERA BACKBOX PROVIDED BY OWNER. COORDINATE WITH LOCATION OF VENDING MACHINES SEE ARCHITECTURAL FURNITURE PLAN. COORDINATION OF AV CAMERA LAYOUT PRIOR TO ROUGH-IN.
3. PROVIDE JUNCTION BOX IN CEILING AND AT 48" AFF. SEE DETAIL 4 ON DRAWING E5.0 FOR ADDITION INFORMATION.
4. PROVIDE JUNCTION BOX WITH (2) CAT 6 CABLES, (1) FOR DATA AND (1) FOR PHONE MOUNTED AT 48" AFF FOR TELEPHONE. COORDINATE EXACT HEIGHT WITH POWER PLAN E2.1 PRIOR TO ROUGH-IN.
5. REINSTALL TIME CLOCK PER MANUFACTURERS REQUIREMENTS. ROUTE 3/4" CONDUIT (1) CAT6 CABLE TO IDF ROOM THAT SERVES THIS AREA. TERMINATE ON EXISTING SPARE PORT ON PATCH PANEL.
6. PROVIDE A CABLE JACK OUTLET AND JUNCTION BOX FOR TELEVISION. ROUTE CABLE JACK CABLES (AS SPECIFIED BY OWNER) TO NEAREST CABLE SOURCE. ROUTE 3/4" CONDUIT FROM JUNCTION BOX TO THE AV EQUIPMENT RACK. COORDINATE HEIGHTS WITH POWER TV OUTLET LOCATED ON DRAWING E2.1.
7. INTERCEPT, EXTEND AND CONNECT CONDUIT ROUTE TO TELEPHONE/DATA CLOSET FOR 5th FLOOR.
8. CONTRACTOR TO COORDINATE IN FIELD FOR TELEPHONE/DATA CLOSET LOCATED ON 5th FLOOR. COORDINATION REQUIRED PRIOR TO ROUTING CONDUIT OVER OTHER OCCUPIED AREAS. NOTIFY AREAS WHERE OUTAGES MAY OCCUR DURING CONSTRUCTION.
9. PROVIDE FACE PLATE FOR EXISTING DATA OUTLET.
10. PROVIDE JUNCTION BOX FOR CONNECTION TO PROJECTOR. ROUTE 1-1/4" CONDUIT TO AV EQUIPMENT RACK.
11. ROUTE CONDUIT TO AV EQUIPMENT ROOM. COORDINATE INSTALLATION WITH MOTORIZED SCREEN MANUFACTURER FOR OPTIMAL PLACEMENT.



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PHONE: (702) 229-6276
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