



# USC CLOSE-HIPP BLDG: GRID CEILING INSTALLATION 6th & 7th FLOORS

1705 COLLEGE ST., COLUMBIA SC 29201 PROJECT # 50003342-3, H27-Z387 CONSTRUCTION DOCUMENTS 06/11/19 2202-186920



ARCHITECT:

LS3P ASSOCIATES LTD. 701-A LADY STREET COLUMBIA, SC 29201 P: 803-765-2418

# USC CLOSE-HIPP BLDG: GRID CEILING INSTALLATION

6th & 7th FLOORS

**REVISION INDICATION** 

DOOR NUMBER

GYP PLAS

HD

HDWD

**HDWR** 

HORIZ

**INSUL** 

LVR

MATL

MEZZ

MFR

MISC

NOM

OFCI

PLYWD

QTR

NON COMB

ENLARGED DETAIL INDICATOR

GYPSUM BOARD

GYPSUM PLASTER

**HEAVY DUTY** 

**HARDWOOD** 

HARDWARE

HORIZONTAL

HOLLOW METAL

CONDITIONING

INSIDE DIAMETER

INCLUDE(D), (ING)

INFORMATION

JANITOR CLOSET

INTERIOR

KNOCKOUT

LAMINATE

LAUNDRY

LAVATORY

LOUVER

MAXIMUM

**MECHANICAL** 

MEZZANINE

MOUNTING

NOMINA

MANUFACTURING

MANUFACTURER

**MISCELLANEOUS** 

NOT IN CONTRACT

NON-COMBUSTIBLE

OUTSIDE DIAMETER

OWNER FURNISHED CONTRACTOR

OFFICE OF STATE ENGINEER

POUNDS PER CUBIC FEET PLASTIC LAMINATE

POUNDS PER LINEAR FEET

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

REFLECTED CEILING PLAN

REFRIGERATOR, REFERENCE

POLYVINYL CHLORIDE (PLASTIC)

PAINT, POST-TENSIONED, PRE-TREATED

NOT TO SCALE

ON CENTER

INSTALLED

OPPOSITE

PLYWOOD

QUANTITY

RADIUS, RISER

**ROOF DRAIN** 

**ROOF LEADER** 

SOLID CORE

STORM DRAIN

ROUGH OPENING

PREFABRICATED

OPTION(AL)

MASONRY OPENING

MOISTURE RESISTANT

LINEAR FEET

MAINTENANCE

LABORATORY

**HEATING, VENTILATION & AIR** 

CENTERLINE

**ROOM NAME & NUMBER** 

**ROOM NAME** 

150 SF

TYPICAL DIMENSION INDICATOR

FLOOR ELEVATION

DETAIL LOCATION ON SHEET GRID

SHEET IDENTIFIER FOR

LOCATION OF DETAIL

DIRECTION OF

ON SHEET GRID

SHEET IDENTIFIER FOR LOCATION OF SECTION

**BUILDING SECTION LOCATION** 

WALL SECTION LOCATION ON SHEET

TERMINATION OF SECTION >

ELEVATION LOCATION ON SHEET GRID

SHEET IDENTIFIER FOR

LOCATION OF SECTION

SHEET IDENTIFIER FOR

LOCATION OF ELEVATION

DIRECTION OF ELEVATION

**ELEVATION KEY** 

SECTION

SIMILAR

SPEAKER

SQUARE

STANDARD

SUSPENDED

TELEPHONE

**TEMPORARY** 

THICKNESS

THROUGH

TOP OF BEAM

TOP OF JOIST

TOP OF SLAB

TOP OF WALL

TREATED

TYPICAL

**VERTICAL** 

WITH

WITHOUT

WEIGHT

VESTIBULE

WEST, WIDE

WALL TO WALL

WATER CLOSET

FILLING STATION)

WATER REPELLENT

WELDED WIRE FABRIC

**TELEVISION** 

**VERIFY IN FIELD** 

TOP OF FOOTING

TOP OF MASONRY

TOP OF PARAPET

TOP OF

TOP OF FINISH FLOOR

TOP OF CONCRETE, CURB

UNDERWRITERS LABORATORIES

WATER DISPENSING STATION (BOTTLE

WORKING POINT, WATERPROOFING

UNLESS NOTED OTHERWISE

STORAGE

SYSTEM

TREAD

SPEC

SPKR

SYS

TOB

TOC

TOF

TOP

TOS

TOW

TRTD

UNO

V.I.F.

**VERT** 

VEST

WWF

YD

**SQUARE FEET** 

SPECIFICATION

STAINLESS STEEL

**GRAPHIC SYMBOL LEGEND** 

- DRAWING NAME

DRAWING LOCATION ON SHEET GRID

SHEET NUMBER WHERE DETAIL IS DRAWN SHEET NUMBER WHERE DETAIL IS REFERENCED

DETAIL LOCATION ON SHEET GRID TERMINATION OF SECTION

SHEET IDENTIFIER FOR

LOCATION OF DETAIL

AIR CONDITION(ING)

ABOVE FINISHED FLOOR

AUTHORITY HAVING JURISDICTION

ADMINISTRATION

APPROXIMATE(LY)

ARCHITECT(URAL)

ALTERNATE

ALUMINUM

AUTOMATIC

AUDIOVISUAL

BITUMINOUS

BUILDING

CABINET

CEILING

CLOSET

COLUMN

CONCRETE

CORRIDOR

DEMOLISH

DIAMETER

DIAGONAL

DIMENSION

DOWNSPOUT

**EXPANSION JOINT** 

ELEVATION

**ELEVATOR** 

ENCLOSE(D)

EQUIPMENT

EDGE OF SLAB

EXISTING TO REMAIN

**EXPANSION JOINT** 

FIRE EXTINGUISHER

FIRE EXTINGUISHER CABINET

FINISH FLOOR ELEVATION

FACE TO FACE FLOOR DRAIN

FINISHED FLOOR

FLOOR, FILLER

FACE OF CURB

FACE OF MASONRY

FURNISH, FURNITURE

GENERAL CONTRACTOR

GALVANIZED

ELECTRIC WATER COOLER

ELECTRIC(AL)

DIVISION

EACH

DEPARTMENT

DRINKING FOUNTAIN

EXISTING DRINKING FOUNTAIN

**EXTERIOR INSULATION & FINISH SYSTEM** 

CUBIC FOOT

CONFERENCE

**BUILDING LINE** 

**BOTTOM OF STEEL** 

CORNER GUARD

CONTROL JOINT

CEILING HEIGHT

CONCRETE MASONRY UNIT

CONTINUE. CONTINUOUS

CLEAR(ANCE)

**CENTER LINE** 

AUXILIARY

**ABBREVIATIONS** 

TITLE

DETAIL/PLAN KEY

ADMIN

APPROX

AUTO

BITUM

CLR

CMU

COL

CONC

CONF

CU FT

CU YD

DEMO

DEPT

**ELEV** 

EWC

EXP JT

FF EL

GALV

1705 COLLEGE ST., COLUMBIA SC 29201

CONSTRUCTION DOCUMENTS 06/11/19

2202-186920



**USC CLOSE-HIPP BLDG: GRID CEILING** INSTALLATION 6th & 7th FLOORS

> 50003342-3 H27-Z387

DRAWING SHEET INDEX C-001 COVER SHEET GENERAL G-001 PROJECT INFORMATION, DRAWING INDEX AND GENERAL REQUIREMENTS **ARCHITECTURAL** A-126 6TH FLOOR REFLECTED CEILING PLAN - CLOSEHIPP BUILDING

GENERAL REQUIREMENTS

1. THE TERM "CONTRACTOR" AND/OR "GC" WHEN USED ALONE REFERS TO THE GENERAL CONTRACTOR. THE "GC" SHALL BE RESPONSIBLE FOR ALL TRADES AND THE SCOPE CALLED FOR ON ALL DOCUMENTS.

7TH FLOOR REFLECTED CEILING PLAN - CLOSEHIPP BUILDING

2. THE TERM "LS3P" REFERS TO LS3P ASSSOCIATED LTD. 701-A LADY STREET COLUMBIA, SC 29201

THE TERM "OWNER" REFERS TO THE UNIVERSITY OF SOUTH CAROLINA AND/OR THE TERM "TENANT" REFERS TO THE CLIENT AND/OR OCCUPANT OF THE PREMISES 4. THE GC SHALL NOTIFY LS3P IMMEDIATELY IF HE/SHE CANNOT COMPLY WITH ALL NOTES CALLED FOR ON THIS SHEET AND/OR ALL OTHER LS3P DRAWINGS.

5. THE GC SHALL TOUR THE SITE TO VERIFY THE PROJECT SCOPE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS. GC TO FULLY UNDERSTAND THE SCOPE OF WORK, AS SHOWN IN THESE DRAWINGS PRIOR TO THE SUBMISSION OF ANY

6. GC SHALL NOT SCALE DRAWINGS AND SHALL VERIFY ALL DIMENSIONS IN FIELD. IF DIMENSIONS ARE OMITTED OR IN QUESTION. THE GC SHALL OBTAIN CLARIFICATION FROM LS3P BEFORE CONTINUING WITH CONSTRUCTION.

7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL CURRENT APPLICABLE CODES, REGULATIONS AND ORDINANCES OF ALL GOVERNING BODIES HAVING JURISDICTION OVER THE PROJECT. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH BUILDING RULES AND REGULATIONS AS SET FORTH BY THE BUILDING OWNER/LANDLORD.

8. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED FOR THE EXECUTION OF THE WORK AND FOR SUBSEQUENT TENANT OCCUPANCY TO BE SECURED AND PAID

9. ALL WORK INDICATED WITHIN THE PROJECT SCOPE AND DESCRIBED ON THESE DRAWINGS IS THE GC'S RESPONSIBLITY. UNLESS OTHERWISE NOTED. 10. THE GC IS RESPONSIBLE FOR THE COORDINATION AMONG ALL TRADES TO

ENSURE PROPER SEQUENCE AND EXECUTION OF WORK.

11. ALL REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. THE GC IS RESPONSIBLE FOR PLACING AND ENSURING THAT ALL LIFE SAFETY MEET APPLICABLE CODES AND ARE IN GOOD WORKING ORDER. DEVICES SHALL INCLUDE, BUT NOT LIMITED TO, FIRE BELL PULL STATIONS, SMOKE DETECTION AND EXTINGUISHERS. ALL EXISTING FIRE-RATED ELEMENTS TO BE RECONSTRUCTED IF DISTURBED DURING DEMOLITION AND/OR CONSTRUCTION. DISTURBANCES TO BE

12. ALL MATERIALS, ITEMS AND FIXTURES TO BE INSTALLED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND INDUSTRY

13. ANY PRODUCT SUBSTITUTIONS INITIATED BY THE GC MAY BE CONSIDERED IF SUBMITTED AND APPROVED BY LS3P DURING THE PRICING PHASE ONLY. SUBSTITUTIONS SUBMITTED AFTER THE AWARD OF THE GENERAL CONTRACT MAY NOT BE CONSIDERED OR ACCEPTED. SUBSTITUTION SUBMISSIONS TO LS3P MUST CONTAIN COMPLETE PRODUCT DATA FOR THE PROPOSED SUBSTITUTION AND COMPLETE PRODUCT DATA FOR THE PRODUCT SPECIFIED IN THE DRAWINGS FOR WHICH THE GC IS PROPOSING SUBSTITUTION.

14. IMMEDIATELY UPON THE AWARD OF CONTRACT, THE GC TO CHECK CURRENT STOCK OF ALL ITEMS, INCLUDING BUT NOT LIMITED TO CARPET, WALLCOVERING, TILE/GRANITE/MARBLE AND LAMINATE. WITHIN 2 WEEKS OF THE AWARDED CONTRACT. THE GC TO PROVIDE LS3P AND OWNER. VERIFICATION OF MATERIALS PURCHASED TO ENSURE A TIMELY INSTALLATION. IF SPECIFIED ITEMS ARE OUT OF STOCK OR DISCONTINUED, THE GC TO PROVIDE LS3P AND/OR OWNER A MINIMUM OF (2) OPTIONS FOR THE SUBSTITUTES.

15. THE GC MUST NOTIFY LS3P AND/OR OWNER, OF ALL LONG-LEAD ITEMS WITHIN 2 WEEKS OF THE AWARD OF THE GENERAL CONTRACT.

16. WHERE "MIN" OR "VIF" IS NOTED ON PLANS, THE GC TO FIELD VERIFY THE DIMENSION IS OBTAINABLE. IF NOT, THE GC TO OBTAIN DIRECTION FROM LS3P. 17 THE DRAWINGS AND CONSTRUCTION SPECIFICATIONS AND NOTES ARE DISCREPANCIES AND/OR CONFLICTING INFORMATION AMONG OR WITHIN THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE DISCREPANCIES BROUGHT TO LS3P'S ATTENTION BY FITHER HIMSELF. THE OWNE GOVERN AS THE INSTRUCTIONS TO THE GC REGARDING THE EXECUTION OF THE WORK, AT NO ADDITIONAL COST TO THE OWNER, TENANT, LS3P, OR ANY OF THEIR

REPRESENTATIVES AND/OR CONSULTANTS.

THE GC TO COORDINATE WITH THE BUILDING MANAGER THE INSTALLATION OF MATERIALS WHICH ARE RELATED TO THE BASE BUILDING OR OTHER TENANT SPACES. THE GC SHALL GIVE BUILDING MANAGEMENT A MINIMUM OF 24 HOURS NOTICE FOR ANY WORK TO BE PERFORMED AFTER NORMAL BUILDING HOURS (7A.M. - 6P.M.), ON WEEKENDS OR TO PERFORM ANY WORK REQUIRED IN AN ADJACENT TENANT'S

19. THE GC IS RESPONSIBLE FOR THE COORDINATION OF ALL BUILDING SERVICES, TEMPORARY FIRE PROTECTION, TRASH REMOVAL AND COMPLIANCE WITH CONSTRUCTION REGULATIONS. THE GC TO COMPLY WITH THE RULES OF THE BUILDING AS TO THE HOURS OF AVAILABILITY OF BUILDING ELEVATORS, MANNER OF HANDLING MATERIALS, EQUIPMENT AND DEBRIS TO AVOID CONFLICT OR INTERFERENCE WITH THE NORMAL BUILDING OPERATIONS. THE GC TO THOROUGHLY CLEAN ALL NEW WORK PRIOR TO TURNING OVER SPACE TO TENANT.

20. THE GC TO PROVIDE EACH TRADE WITH A COMPLETE SET OF PLANS INCLUDING DISTRIBUTION OF ANY REVISIONS OR RE-ISSUE OF PLANS. THESE MUST ALWAYS BE USED AS A COMPLETE SET.

21. A SCHEDULE OF THE WORK AS WELL AS THE COST ESTIMATE BREAK DOWN OF WORK SHALL BE PROVIDED TO THE OWNER, TENANT AND LS3P (PROJECT MANAGER).

22. WITHIN 2 WEEKS OF THE AWARDED CONTRACT AND PRIOR TO THE PURCHASE OF MATERIALS AND/OR FABRICATION, THE GC TO PROVIDE CUTS, SAMPLES, AND/OR SHOP DRAWINGS TO LS3P'S ATTENTION FOR REVIEW AND APPROVAL, FOR THE FOLLOWING ITEMS UNLESS OTHERWISE NOTED:

SHOP DRAWINGS: MILLWORK, CARPET SEAMING DIAGRAM, SIGNAGE, REFLECTED CLG. DETAILS (HVAC, SPRINKLER, GRILLES, ETC.), ELECTRIC/TELEPHONE PANEL LOCATIONS AND THERMOSTAT LOCATIONS

CUTS: PLUMBING FIXTURES, LIGHTING FIXTURES, HARDWARE, WOOD FLOORING,

SUPPLY AND/OR RETURN REGISTERS, DRINKING FOUNTAINS, APPLIANCES, KITCHEN CABINETS, EXIT SIGNS, EMERGENCY LIGHTING SAMPLES: TINTED/TREATED GLASS, WOOD MILLWORK/VENEER, PAINT COLORS ON

DRYWALL, STAIN ON APPROPRIATE WOOD, MARBLE/GRANITE, FLOORING MATERIALS, WALLCOVERING (VINYL AND/OR FABRIC), MOCK-UP WITH SEAM SAMPLE AS WELL AS ANY CUSTOM ITEMS

23. GC TO PROVIDE TENANT/OWNER WITH THE MANUFACTURER'S RECOMMENDED MAINTENANCE SCHEDULE AND/OR PROGRAM FOR EACH SPECIFIED APPLIANCE AND FINISH MATERIAL, INCLUDING CLEANING PROCUDURES AND EQUIPMENT TO BE USED. INCLUDE ALL WARRANTIES, GUARANTEES AND INSTRUCTION MANUALS. THIS INFORMATION TO BE SUBMITTED WITH FINAL PAYMENT REQUEST.

24. UPON COMPLETION OF THE PROJECT, GC TO PROVIDE THE OWNER/TENANT AND LS3P WITH "AS-BUILT" DRAWINGS. THESE DRAWINGS TO INCLUDE ANY REVISIONS TO THE STRUCTURAL, ELECTRICAL AND AIR DISTRIBUTION SYSTEMS. "AS-BUILTS" TO CONSIST OF A NEATLY MARKED-UP SET OF BLACK-LINE PRINTS.

25. LS3P MAKES EVERY EFFORT TO SPECIFY PRODUCTS THAT MEET AND/OR EXCEED MINIMUM INDUSTRY STANDARDS, HAVE APPROPRIATE TEST RESULT DOCUMENTATION, HAVE BEEN RESEARCHED AND TESTED, ARE APPROPRIATE FOR THE INTENDED USE, MANUFACTURED BY COMPANIES WHO WARRANT THEIR PRODUCTS AND ARE IN GOOD FINANCIAL STANDING. LS3P CANNOT GUARANTEE. WARRANTY OR BE HELD RESPONSIBLE FOR A PRODUCT AND/OR MANUFACTURER'S FAILURE OR THE ABILITY TO SATISFY OBLIGATIONS.

26. REFER TO GENERAL CONSTRUCTION NOTES SHEET & INDIVIDUAL DRAWINGS FOR ADDITIONAL NOTES & SCOPE.

**AREA MAP** 

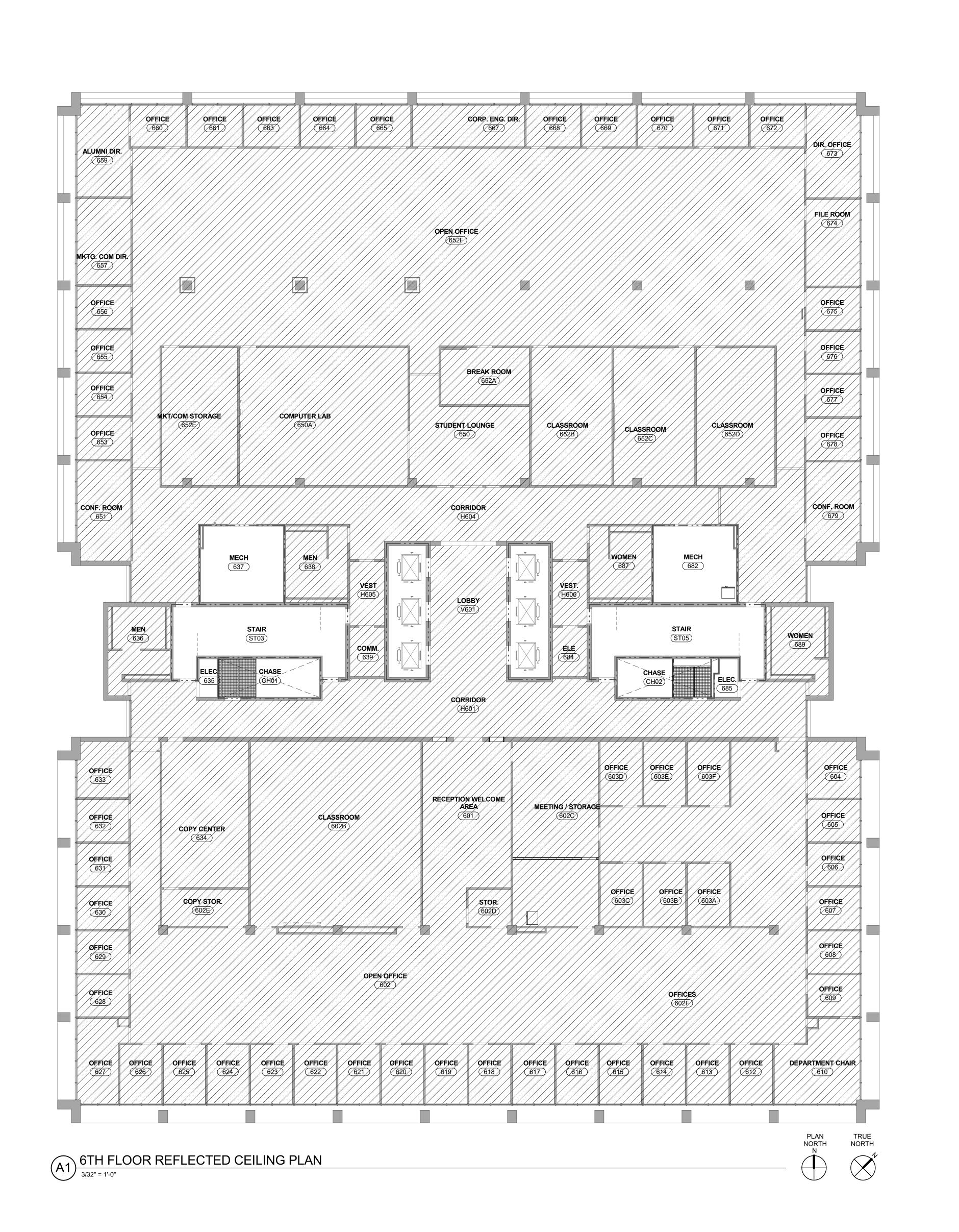
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**PROJECT** INFORMATION, **DRAWING INDEX AND GENERAL** REQUIREMENTS

G-001

**VICINITY MAP** 

**CONSTRUCTION DOCUMENTS** 



### SHEET NOTES - CEILING PLANS

A. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NEW CEILING GRID IN SAME LOCATION MARKED BY PRIOR CONTRACTOR. SEISMIC CATAGORY C. THE EXISTING GRID CONFIGURATION WILL HAVE BEEN MARKED BY THE DEMOLITION CONTRACTOR TO AIDE IN THE LOCATION OF THE NEW GRID SYSTEM IN EACH SPACE. GRID CONFIGURATION WILL DETERMINE USE OF ACT#1 AND ACT#2. ACT#3 WILL BE USED IN RESTROOMS ONLY. SEE BELOW FOR BASIS OF DESIGN. CONTRACTOR SHALL REHANG ALL LIGHTING, MECHANICAL REGISTERS AND CEILING MOUNTED EQUIPMENT/DEVICES AND CABLING INTO NEW GRID SYSTEM.

BASIS OF DESIGN: CEILING TILE ACT#1, ARMSTRONG FINE FISSURED-High NRC #1728 (24x24);

CEILING TILE ACT#2, ARMSTRONG FINE FISSURED-High NRC #1755 (24x48);

CEILING TILE ACT#3 (RESTROOMS ONLY), ARMSTRONG ULTIMA Health Zone #1935;

**BASIS OF DESIGN - CLOSE-HIPP** 

CONTRACTOR RESPONSIBLE FOR DISPOSAL OF ALL CONSTRUCTION
DEBBIS



USC CLOSE-HIPP
BLDG: GRID
CEILING
INSTALLATION

6th & 7th FLOORS 50003342-3

H27-Z387

# LEGEND - CEILING PLAN

CEILING GRID, ARMSTRONG PRELUDE XL #7800.

HATCH INDICATES **BASE BID - CLOSE-HIPP BUILDING 6TH FLOOR** CEILING WORK.



HATCH INDICATES **ALTERNATE #1** - **CLOSE BUILDING 7TH FLOOR** (INCLUDING CORRIDORS AND ELEVATOR LOBBY) CEILING WORK.



HATCH INDICATES **ALTERNATE #2 - HIPP BUILDING 7TH FLOOR** (EXCLUDING MAIN CORRIDOR AREA) CEILING WORK.

REVISIONS:

No. Description E

KEY PLAN

PROJECT: 2202-1869

DATE: 06/11/19

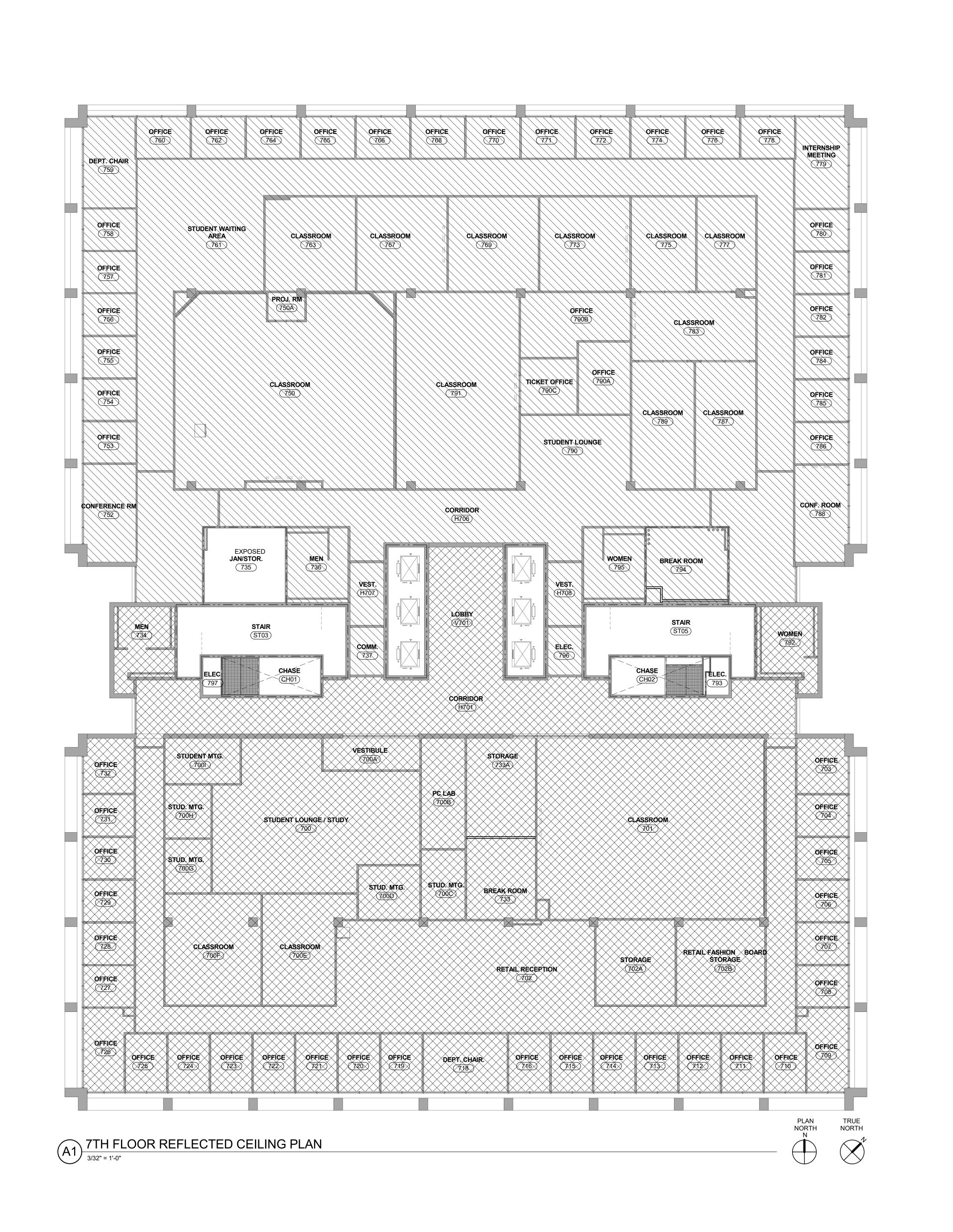
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HIPP BLDG.

CLOSE BLDG.

6TH FLOOR REFLECTED CEILING PLAN -CLOSEHIPP BUILDING

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### SHEET NOTES - CEILING PLANS

A. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NEW CEILING GRID IN SAME LOCATION MARKED BY PRIOR CONTRACTOR. SEISMIC CATAGORY C. THE EXISTING GRID CONFIGURATION WILL HAVE BEEN MARKED BY THE DEMOLITION CONTRACTOR TO AIDE IN THE LOCATION OF THE NEW GRID SYSTEM IN EACH SPACE. GRID CONFIGURATION WILL DETERMINE USE OF ACT#1 AND ACT#2. ACT#3 WILL BE USED IN RESTROOMS ONLY. SEE BELOW FOR BASIS OF DESIGN. CONTRACTOR SHALL REHANG ALL LIGHTING, MECHANICAL REGISTERS AND CEILING MOUNTED EQUIPMENT/DEVICES AND CABLING INTO NEW GRID SYSTEM.

CONTRACTOR RESPONSIBLE FOR DISPOSAL OF ALL CONSTRUCTION

PERPIS



BASIS OF DESIGN - CLOSE-HIPP

BASIS OF DESIGN:
CEILING TILE ACT#1, ARMSTRONG FINE FISSURED-High NRC #1728 (24x24);
CEILING TILE ACT#2, ARMSTRONG FINE FISSURED-High NRC #1755 (24x48);
CEILING TILE ACT#3 (RESTROOMS ONLY), ARMSTRONG ULTIMA Health Zone #1935;
CEILING GRID, ARMSTRONG PRELUDE XL #7800.

USC CLOSE-HIPP
BLDG: GRID
CEILING
INSTALLATION
6th & 7th FLOORS

50003342-3

H27-Z387

## LEGEND - CEILING PLAN



HATCH INDICATES **BASE BID - CLOSE-HIPP BUILDING 6TH FLOOR** CEILING WORK.



HATCH INDICATES **ALTERNATE #1 - CLOSE BUILDING 7TH FLOOR** (INCLUDING CORRIDORS AND ELEVATOR LOBBY) CEILING WORK.



HATCH INDICATES **ALTERNATE #2 - HIPP BUILDING 7TH FLOOR** (EXCLUDING MAIN CORRIDOR AREA) CEILING WORK.

REVISIONS:

No. Description Date

KEY PLAN

PROJECT: 2202-18

DATE: 06/11/19

DRAWN BY: Author

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HIPP BLDG.

CLOSE BLDG.

7TH FLOOR
REFLECTED
CEILING PLAN CLOSEHIPP
BUILDING

**A-127**