

Architect's Supplemental Instructions

Architect's Project No: 04561.01
Architect's ASI No: 040

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 12/09/2016

Contract Date:

Reason Code: 06

Discipline Code: 03,09,07,13

Owner Scope

General
Construction
(Architectural),
Electrical, HVAC,
Telecom,
Structural.

Owner:
Webster University

Architect:
Cannon Design
1100 Clark Avenue
St. Louis, MO 63102

Contractor:
Paric Construction

Contract For: General construction

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect within fourteen (14) business days of the date of issuance of these instructions. If you feel a change in Contract Sum or Contract Time is warranted, please submit an itemized quotation for the changes for approval within fourteen (14) business days of the date of issuance of these instructions prior to proceeding on the Work. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change.

Attachments:

Sheets:

S0003, A0508.C, M0401, E0001, T0101.A, T0101.B, T0102.A, T0103.A, T0104.A

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Reason Codes:

- #1. Jurisdictional Agency
- #2. Constructor Driven
- #3. Document Inconsistency
- #4. Fast Track Driven
- #5. A/E Scope
- #6. Owners Scope
- #7. Unforeseeable Conditions
- #8. Other

Discipline Codes

- #1. Demo-demolition
- #2. Div1-Division 1 items on the spec book (this item is not used)
- #3. Electrical
- #4. Elevator
- #5. Equipment (Changes in equipment, Owner Purchased)
- #6. Fire Protection

Discipline Codes

- #7. General Construction (Architectural)
- #8. General Conditions (Div. 1)
- #9. HVAC
- #10. Other
- #11. Plumbing
- #12. Site Work/Landscaping
- #13. Structural

Architect's Supplemental Instructions

Page 2

Description:

Please submit an itemized proposal for changes in contract Sum and Contract Time for proposed modifications to the Contract Documents described herein:

1. S0003 – TYPICAL DETAILS
 - A. Detail 4 – ADD concrete pier in courtyard for post supporting speaker.
2. A0508.C – COURTYARD WALLS & STAIRS – NORTH
 - A. Added pole to mount 'Emergency Call Box' and 'Outdoor PA speaker'.
3. E0001 – ELECTRICAL SITE PLAN
 - A. Add circuit for emergency call box.
 - B. Add 12' pole for outdoor speaker and call box.
 - C. Add Keyed Note L41 to drawing.
 - D. Coordinate pole pre-drilling locations with owner provided equipment.
4. M0401 – DIAGRAM - MECHANICAL
 - A. Add a 2-position control valve at HX-1 as shown on piping diagram.
5. T0101.A – LEVEL 01 FLOOR PLAN – AREA B
 - A. Moved PA location from wall to ceiling.
 - B. Revised keyed note 13 to reflect this change.
6. T0101.B – LEVEL 01 FLOOR PLAN – AREA B
 - A. Moved P.A. speaker from wall to pole. Added P.A. amplifier above ceiling.
 - B. Revised keyed notes to reflect these changes.
7. T0102.A – LEVEL 02 FLOOR PLAN – AREA B
 - A. Moved PA location from wall to ceiling.
 - B. Revised keyed note 6 to reflect this change.
8. T0103.A – LEVEL 03 FLOOR PLAN – AREA B

Architect's Supplemental Instructions

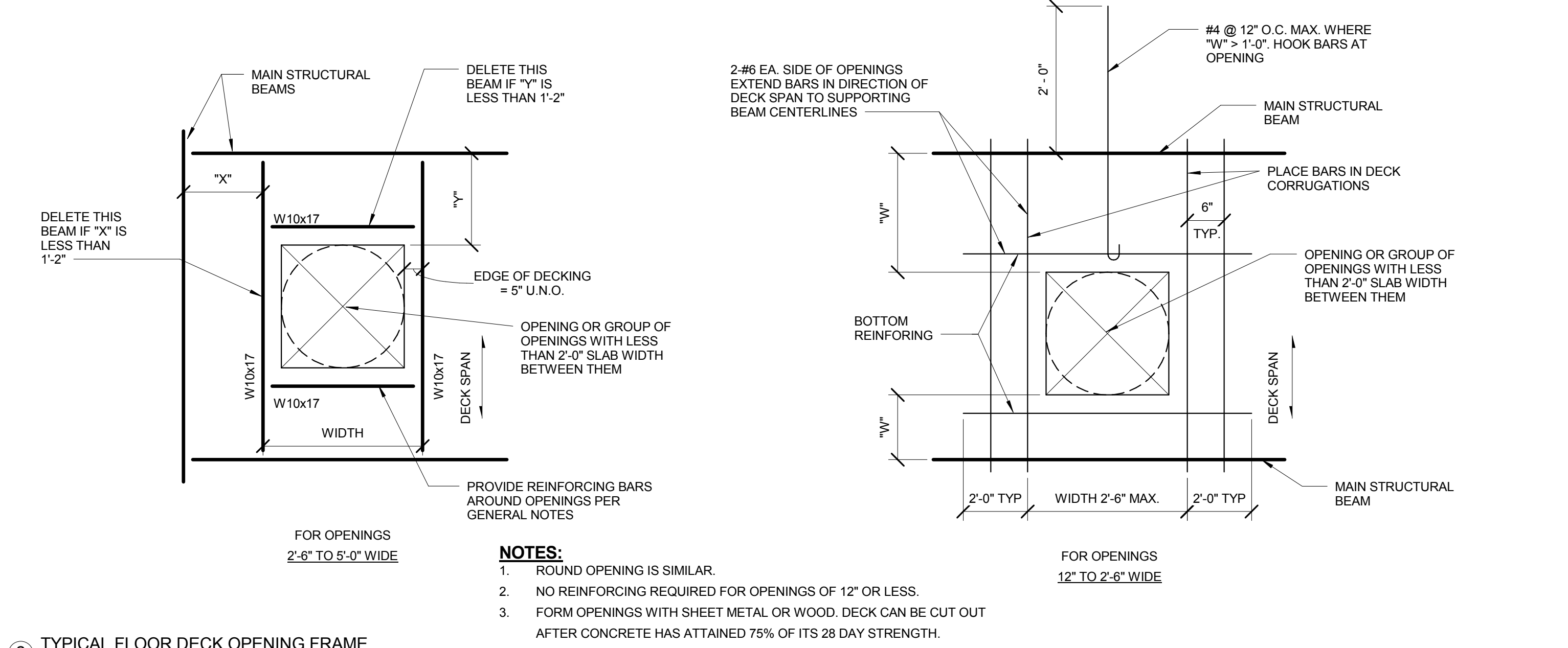
Page 3

- A. Moved PA location from wall to ceiling.
 - B. Revised keyed note 4 to reflect this change.
9. T0104.A – LEVEL 04 FLOOR PLAN – AREA B
- A. Moved PA location from wall to ceiling.
 - B. Revised keyed note 3 to reflect this change.

Issued by Architect:

Kelvin Patel, CannonDesign
Jill Walker, DMA
Mark de la Fuente, William Tao & Associates, Inc.
Tom Becker, Faith Group.

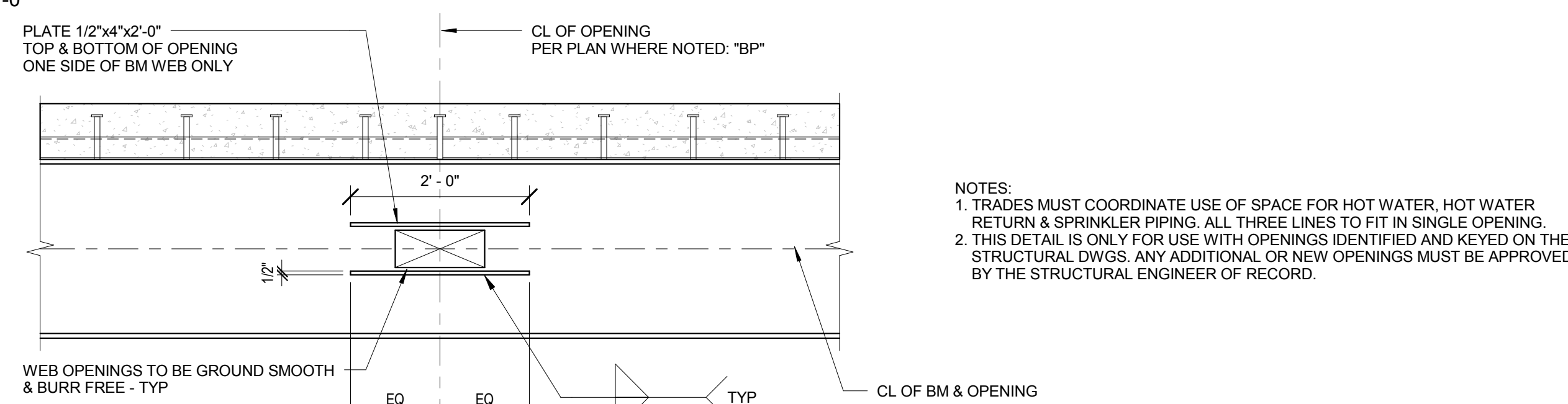
Accepted by Contractor:



NOTES:

1. LAP SPLICE TOP REINFORCING AT GRADE BEAM MIDSPAN.
2. LAP SPLICE BOTTOM REINFORCING AT DRILLED PIER SUPPORT.
3. LAP SPLICE SIDE REINFORCING AT DRILLED PIER SUPPORT.
4. WHERE (2) LAYERS OF TOP OR BOTTOM REINFORCING IS SHOWN IN GRADE BEAM SCHEDULE - PROVIDE 1 1/2" CLEAR DISTANCE BETWEEN THE 2 LAYERS.

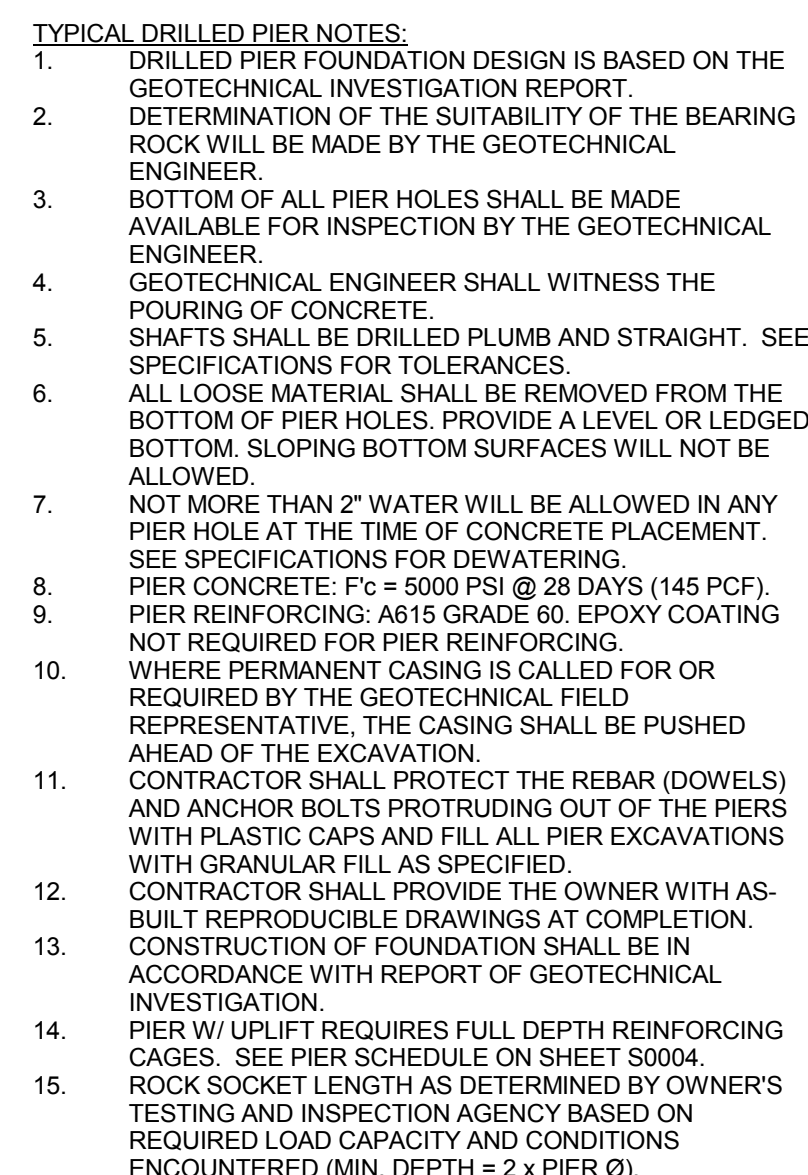
② TYPICAL FLOOR DECK OPENING FRAME
3/4" = 1'-0"



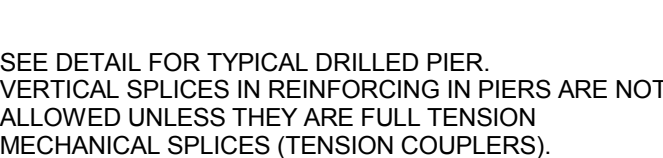
SITE CONCRETE RETAINING WALL SCHEDULE									
"H"	"A"	"B"	"C"	"D"	"K"	"O"	"LB"	"P"	REMARKS
5'-0" MAX	1'-0"	4'-6"	2'-0"	1'-0"	1'-3"	#5 @ 12"	#4 @ 12"	#5 @ 12"	18" COVER ON TOE
7'-0" MAX	1'-0"	7'-0"	4'-0"	1'-3"	1'-6"	#5 @ 12"	#4 @ 12"	#5 @ 12"	
9'-0" MAX	1'-0"	9'-0"	4'-0"	1'-3"	2'-6"	#6 @ 12"	#4 @ 12"	#6 @ 12"	
11'-0" MAX	1'-0" T/WALL 1'-6" B/WALL	13'-4"	5'-10"	1'-6"	2'-6"	#6 @ 12" EF/ #6 @ 12" OF #7 @ 12" IF	#5 @ 12"	#6 @ 12"	
13'-6" MAX	1'-6"	16'-6"	8'-0"	1'-6"	3'-6"	#7 @ 9" IF #8 @ 9" OF	#5 @ 12"	#7 @ 12"	

NOTES:

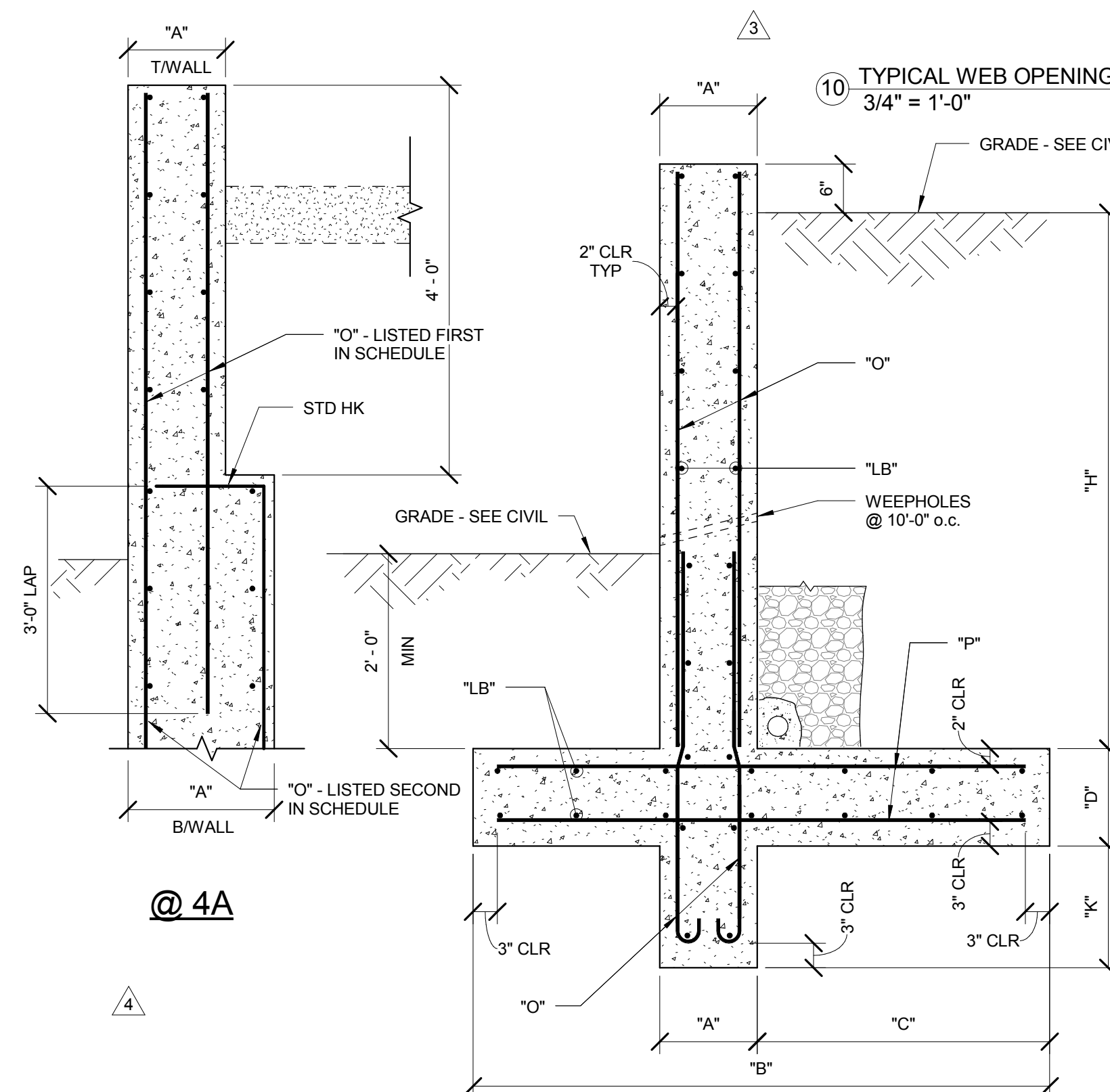
1. SPACE CONTROL JOINTS AT 20'-0" ON CENTER MAXIMUM.
2. SPACE EXPANSION JOINTS AT 100'-0" ON CENTER MAXIMUM.



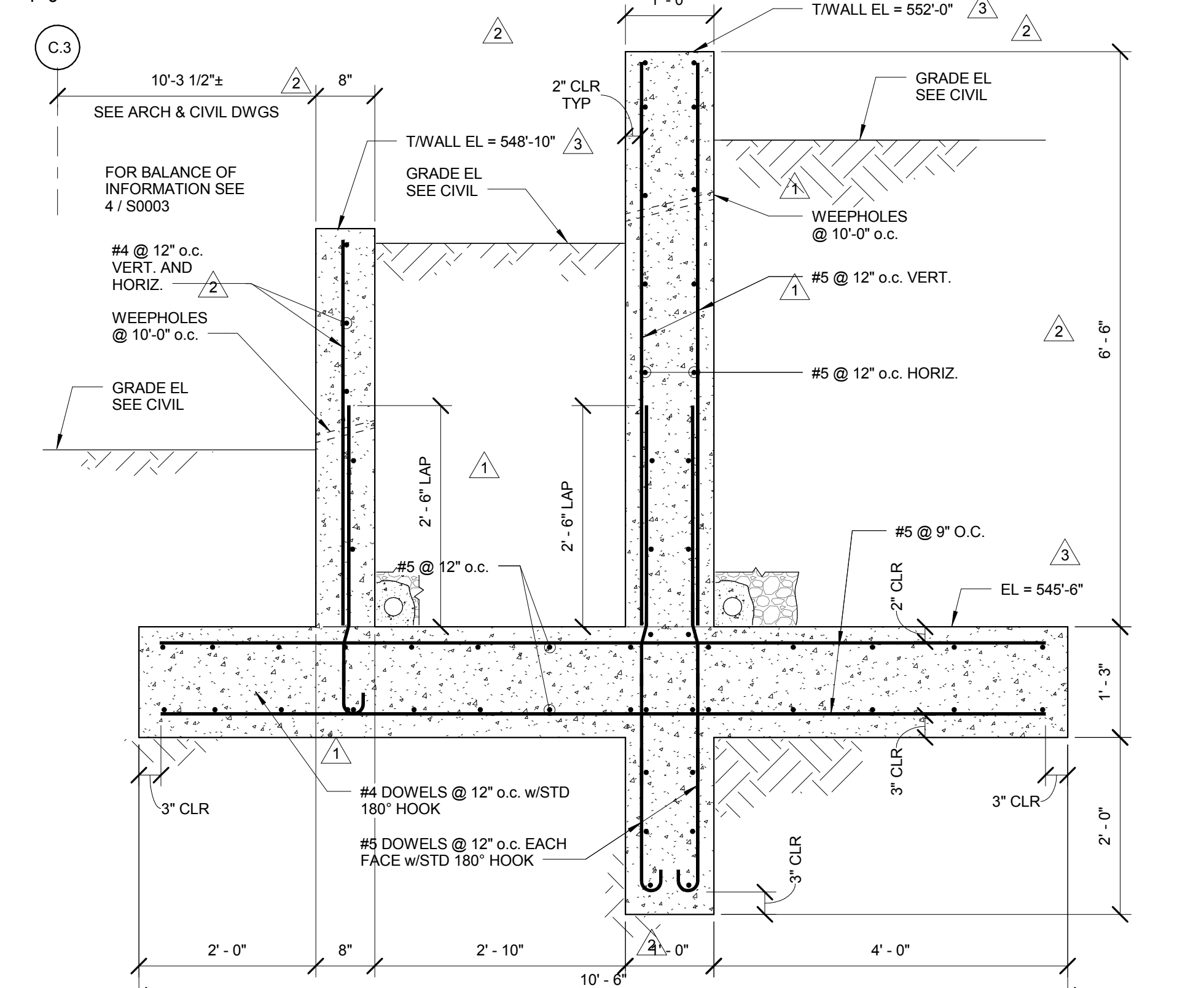
TYPICAL CLOSED TIE DETAIL



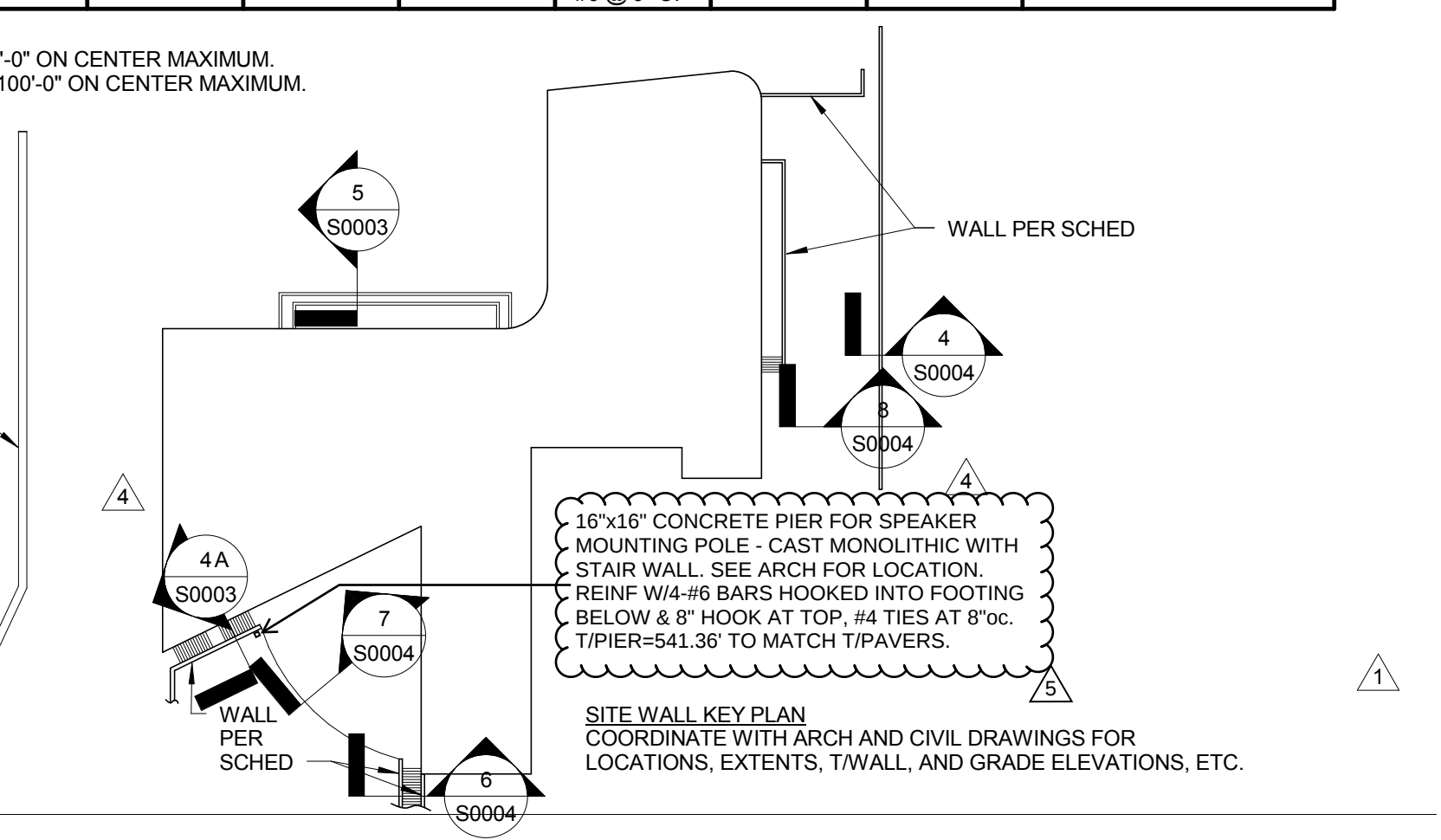
9 TYPICAL SPANDREL BEAM DETAIL
3/4" = 1'-0"



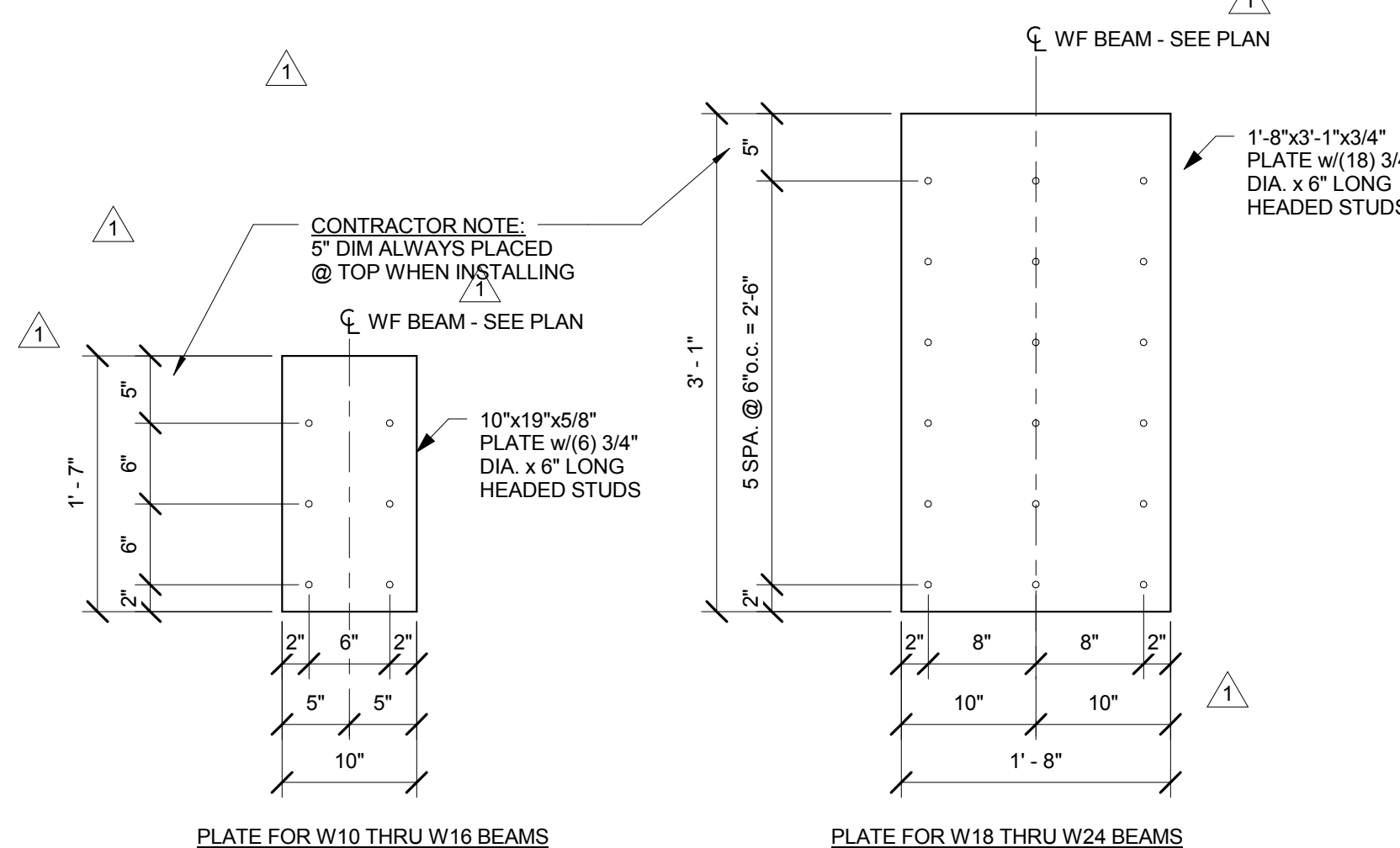
④ TYPICAL CONCRETE SITE RETAINING WALL SCHEDULE
3/4" = 1'-0"



5 TYPICAL TERRACED CONCRETE SITE RETAINING WALL
3/4" = 1'-0"



7 TYPICAL EMBEDDED PLATE DETAILS FOR BEAM CONNECTION TO CONCRETE WALLS
1" = 1'-0"



7 TYPICAL EMBEDDED PLATE DETAILS FOR BEAM CONNECTION TO CONCRETE WALLS
1" = 1'-0"

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TYPICAL DETAILS

2	ASI-040	09 DEC 2016
1	ASI-003	01 AUG 2016
- ISSUED FOR CONSTRUCTION (BP1)		15 JAN 2016
No.	Description	Date

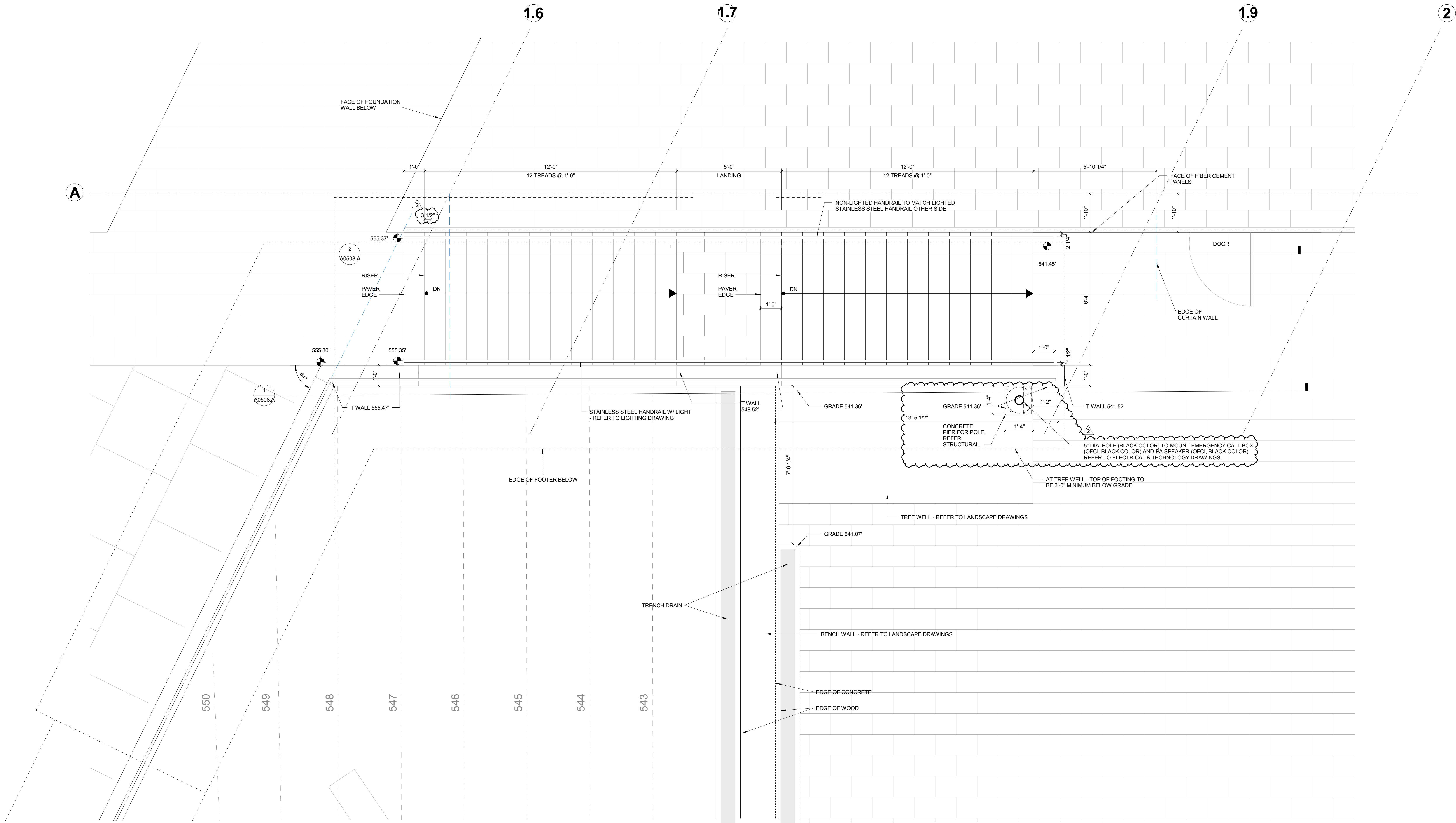
Drawing Title:

COURTYARD WALLS &
STAIRS - NORTH

Project No.: 04561.01

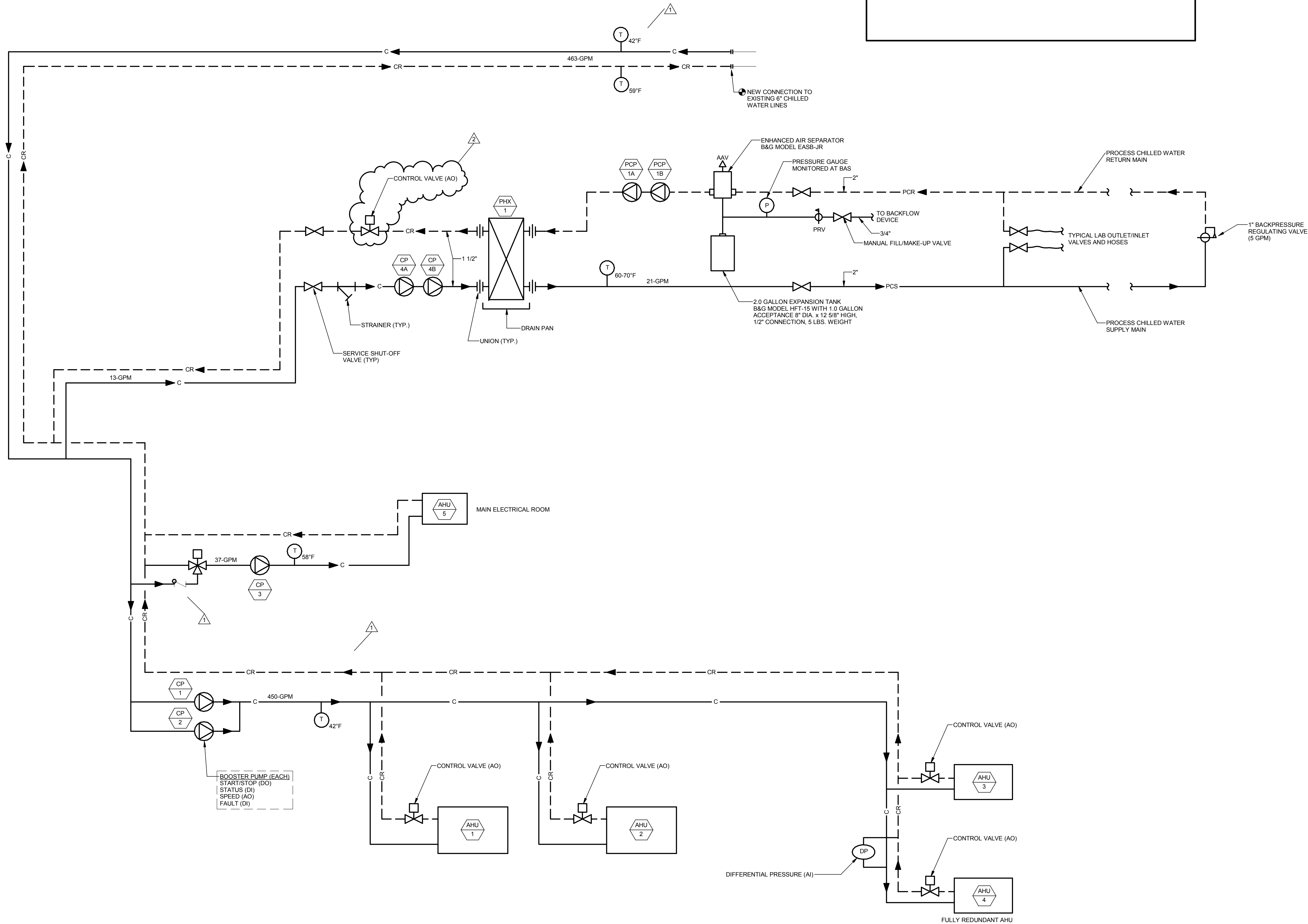
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A0508.C



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CONTROL DIAGRAM LEGEND										GENERAL NOTES FOR ALL SHEETS	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	GENERAL COORDINATE ALL CONTROLS WORK WITH CONTRACTORS ON ALL RELATED CONSTRUCTION PACKAGES. ALL POINTS DEFINED BELOW SHALL BE INDEPENDENT. ALL SET POINTS SHALL BE ADJUSTABLE. IN THE EVENT OF AN ABNORMAL OFF CONDITION, THE FAILED EQUIPMENT SHALL BE LOCKED OUT AND AN ALARM SHALL BE SENT TO THE OPERATOR'S WORK STATION. IF THE EQUIPMENT IN QUESTION IS PART OF AN N+1 REDUNDANT GROUP THE NEXT UNIT IN ROTATION SHALL START. POWER FAILURE MODE THE AUTOMATION SYSTEM SHALL MONITOR THE GENERATOR CONTROL SYSTEM FOR LOSS OF UTILITY POWER SIGNAL, OPERATING ON GENERATORS SIGNAL AND SYSTEM READY TO RETURN TO UTILITY POWER SIGNAL. ON A LOSS OF UTILITY POWER, THE AUTOMATION SYSTEM SHALL WAIT FOR ALL SPINNING LOADS TO COME TO A STOP 4 MINUTES (ADJ.). UPON RECEIPT OF THE OPERATING ON GENERATORS SIGNAL, THE AUTOMATION SYSTEM SHALL START THE BUILDING HVAC EQUIPMENT AS FOLLOWS. LAB EXHAUST FAN SYSTEM - ONE FAN AT 25% AIRFLOW BUILDING HEATING WATER PUMPS CADAVER LAB AIR HANDLING UNITS - AHU-3 OR AHU-4 CADAVER LAB CONDENSING UNITS - CU-3 OR CU-4 ON RECEIPT OF A SYSTEM READY TO RETURN TO UTILITY POWER SIGNAL ALL HVAC LOADS SHALL BE STOPPED. AFTER A FIVE MINUTE DELAY (ADJ.) THE EQUIPMENT SHALL BE STARTED IN ACCORDANCE WITH THE ABOVE SEQUENCE FOR STARTING ON GENERATOR POWER.	
	SUPPLY OR EXHAUST AIR VALVE		VARIABLE FREQUENCY DRIVE		GRAVITY BACKDRAFT DAMPER		TEMPERATURE SENSOR		FILTER DIFFERENTIAL PRESSURE		
	MOTOR OPERATED CONTROL DAMPER		2-WAY CONTROL VALVE		HEAT EXCHANGER		HUMIDITY SENSOR		DIGITAL INPUT		
	FILTER		3-WAY CONTROL VALVE		VARIABLE AIR VOLUME TERMINAL UNIT		CARBON MONOXIDE SENSOR		DIGITAL OUTPUT		
	COOLING COIL		FLOW MEASURING DEVICE		FREEZE STAT		CARBON DIOXIDE SENSOR		ANALOG INPUT		
	HEATING COIL		PUMP				OUTSIDE RELATIVE HUMIDITY SENSOR		ANALOG OUTPUT		
	FAN		DIRECTION OF FLOW				BUILDING STATIC PRESSURE SENSOR		NORMALLY OPEN (CONTROLLED DEVICE POSITION WITHOUT POWER)		
							SMOKE DETECTOR		NORMALLY CLOSED (CONTROLLED DEVICE POSITION WITHOUT POWER)		



CHILLED WATER FLOW AND AUTOMATION DIAGRAM

THE SEAL(S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT.



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2	ASI-040	09 DEC 2016
1	ASI-037	09 NOV 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016
No.	Description	Date

Drawing Title:

DIAGRAMS - MECHANICAL

Project No.: 04561.01 Checked by:

M0401

Webster
UNIVERSITY

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- A. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION AND ORIENTATION OF DEVICES. WHERE LOCATIONS ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, COORDINATE LOCATION AND ORIENTATION OF DEVICES IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
- B. CONTRACTOR SHALL VISIT PRIOR TO BID SUBMITTALS TO DETERMINE SITE CONDITIONS EFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.
- C. PROVIDE FACE PLATES ON ALL J-BOXES ABANDONED IN FINISHED FLOOR WALL OR CEILINGS. COORDINATE COLOR AND FINISH WITH ARCHITECT. CONTRACTOR TO VERIFY QUANTITY IN THE FIELD.
- D. WHERE EXPOSED CONDUIT IS NOTED, CONTRACTOR SHALL IDENTIFY ROUTING IN FIELD AND OBTAIN ARCHITECT'S APPROVAL OF ROUTING PRIOR TO ROUGH-IN. EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE.
- E. MINIMUM 0-10V CONTROL WIRE SIZE SHALL BE #18 (#16 FOR RUNS LONGER THAN 400').
- F. ALL SINGLE PHASE BRANCH CIRCUITS SHOWN WITH COMMON NEUTRAL SHALL HAVE INDIVIDUAL 20A-1P CIRCUIT BREAKER. CONTRACTOR TO PROVIDE HANDLE TIES TO MEET NEC SECTION 210.4 MULTI-WIRE BRANCH CIRCUIT REQUIREMENTS. REFER TO DRAWINGS FOR CIRCUITS WITH DEDICATED NEUTRALS.
- G. SHADED FIXTURES AND FIXTURES NOTED WITH AN "E" ARE FOR EMERGENCY EGRESS. CONNECT FIXTURES TO LIFE SAFETY PANEL 1EH UNLESS OTHERWISE NOTED.
- H. FIXTURES NOTED WITH "NL" ARE UN-SWITCHED NIGHT LIGHTS AND SHALL BE LEFT ON AFTER HOURS FOR WAY FINDING.
- I. ALL EXTERIOR LIGHTING SHALL BE CONNECTED TO THE BUILDING AUTOMATION LIGHTING CONTROL SYSTEM.
- J. CONTRACTOR AND LIGHTING CONTROL SYSTEM PROGRAMMER SHALL ADJUST EXTERIOR LIGHTING DIMMING LEVELS, COORDINATE AND ATTEND MEETING WITH ARCHITECT AND ENGINEER AFTER DARK, AT A MUTUALLY AGREED UPON TIME, TO MAKE ADJUSTMENTS.

- L16** ROUTE CIRCUIT(S) VIA LIGHTING CONTROL SYSTEM. FOR EACH DIMMABLE SWITCH LEG, PROVIDE BOTH POWER AND CONTROL WIRING TO FIXTURES.
- L17** PROVIDE QUAZITE 22.500 LB. RATED, POLYMER CONCRETE 13"x24"x18"D HANDHOLE (PG1324HA00ELEC COVER WITH PG1324BA18BXO) OR APPROVED EQUAL.
- L18** LOCATE REMOTE DRIVERS WITHIN BUILDING ABOVE ACCESSIBLE CEILING OR IN ELECTRICAL CLOSET. COORDINATE LOCATION WITH ENGINEER PRIOR TO ROUGH-IN. WIRING SHALL NOT EXCEED MANUFACTURER'S REMOTING DISTANCE LIMITATION.
- L34** CONNECT BOLLARD GFCI RECEPTACLE TO PANEL 1N1/L CIRCUIT 46.
- L35** CONNECT BOLLARD GFCI RECEPTACLE TO PANEL 1N1/L CIRCUIT 48.
- L39** CONNECT LIGHTING POLE GFCI RECEPTACLE TO PANEL 1N1/L CIRCUIT 50.
- L40** PROVIDE BLACK WIRE ON FIVE BRANCHES AT THIS LOCATION. ESCALATE W/RAFF.

L41 PROVIDE STERNBERG RSA12T500-2400 5 1/2" TALL, 5" DIAMETER, ROUND, STRAIGHT, ALUMINUM POLE WITH BLACK FINISH. POLE SHALL BE PRE-DRILLED AND EQUIPPED WITH A JUNCTION BOX AT THE TOP OF THE POLE TO SERVE AN OWNER FURNISHED CONTRACTOR INSTALLED SPEAKER. POLE SHALL ALSO BE PRE-DRILLED FOR AN OWNER FURNISHED CONTRACTOR INSTALLED EMERGENCY CALL BOX. COORDINATE REQUIRED PRE-DRILL HEIGHT WITH OWNER. RUN 1" CONDUIT AND 120 VOLT CABLE TO EMERGENCY CALL BOX AS SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR POLE LOCATION AND CABLE DETAIL FOR BASE CONFIGURATION. PROVIDE POLE CAP AND GROMMETS TO KEEP WATER OUT OF POLE.



Drawing Title

ELECTRICAL SITE PLAN

Project No.: 04561.01 Checked by

E0001

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1 LEVEL 01 - AREA A
1/8" = 1'-0"



GENERAL NOTES:

THIS SHEET ONLY

1. DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLES UNLESS OTHERWISE NOTED. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. SEE TELECOMMUNICATIONS CABLING DEMARCATION LINE ON THIS SHEET FOR ROUTING OF CABLING TO SPECIFIC DATA ROOMS.

KEYED NOTES:

THIS SHEET ONLY

1. CABINET MOUNTED AV EQUIPMENT (OFVI).
2. CONFIRM EXACT LOCATION OF DATA OUTLET AND MONITOR BOX WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
3. WALL MOUNT BLUE LIGHT EMERGENCY INTERCOM STATION WITH WIRELESS RADIO COMMUNICATION. SHALL BE FURNISHED BY OWNER AND INSTALLED BY SECURITY CONTRACTOR. UNIT SHALL BE MOUNTED SO INTERCOM STATION IS 48" ABOVE GRADE. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
4. INSTALL COMMUNICATION OUTLET IN THE COMMUNICATIONS SIDE OF THE 2-CHANNEL RACEWAY. SEE ELECTRICAL DRAWINGS FOR RACEWAY INFORMATION.
5. CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
6. PROVIDE A 4" FIRE RATED CABLE PATHWAY THROUGH FLOOR FOR TELECOM CABLING TO LEVEL 0. SEE SPECIFICATION SECTION 078413 FOR PATHWAY INFORMATION.
7. PROVIDE A 4 11/16" SQUARE 2 1/8" DEEP WALL MOUNTED BOX WITH A 2 GANG MUD RING FOR PTZ CAMERA WITH A 1" CONDUIT WITH PULL STRING STUBBED INTO ACCESSIBLE CEILING SPACE. COORDINATE MOUNTING HEIGHT AND LOCATION WITH PTZ CAMERA INSTALLER.
8. NOT USED.
9. CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER PRIOR TO INSTALLATION.
10. PROVIDE A 1" CONDUIT IN SLAB FROM AV EQUIPMENT CABINET TO THE LAPTOP LOCATION. VERIFY STUB-UP LOCATION.
11. DATA OUTLET FOR LAPTOP. COORDINATE BOX LOCATION WITH CASEWORK INSTALLER PRIOR TO ROUGH-IN.
12. PROVIDE (1) 1" PVC CONDUIT IN THE SLAB FOR DATA CABLES.
13. COORDINATE EXACT LOCATION WITH PA INSTALLER.
14. MOUNT AT LIGHT SWITCH HEIGHT.
15. MOUNT AT RECEPTACLE HEIGHT. PROVIDE (1) 1" CONDUIT UP TO "IP" BOX (SEE KEYED NOTE 14). CENTER DIRECTLY BELOW "IP" BOX.



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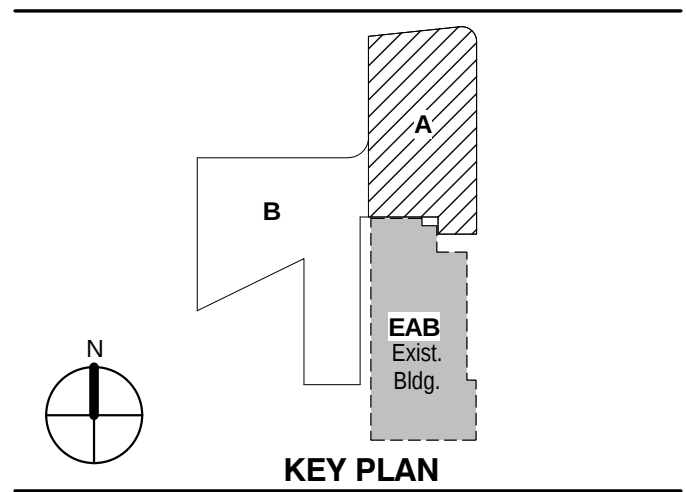
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3	ASI-040	09 DEC 2016
2	ASI-035	10 NOV 2016
1	ADDENDUM 2-2	19 APR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



Drawing Title:

**LEVEL 01 FLOOR PLAN -
AREA A**

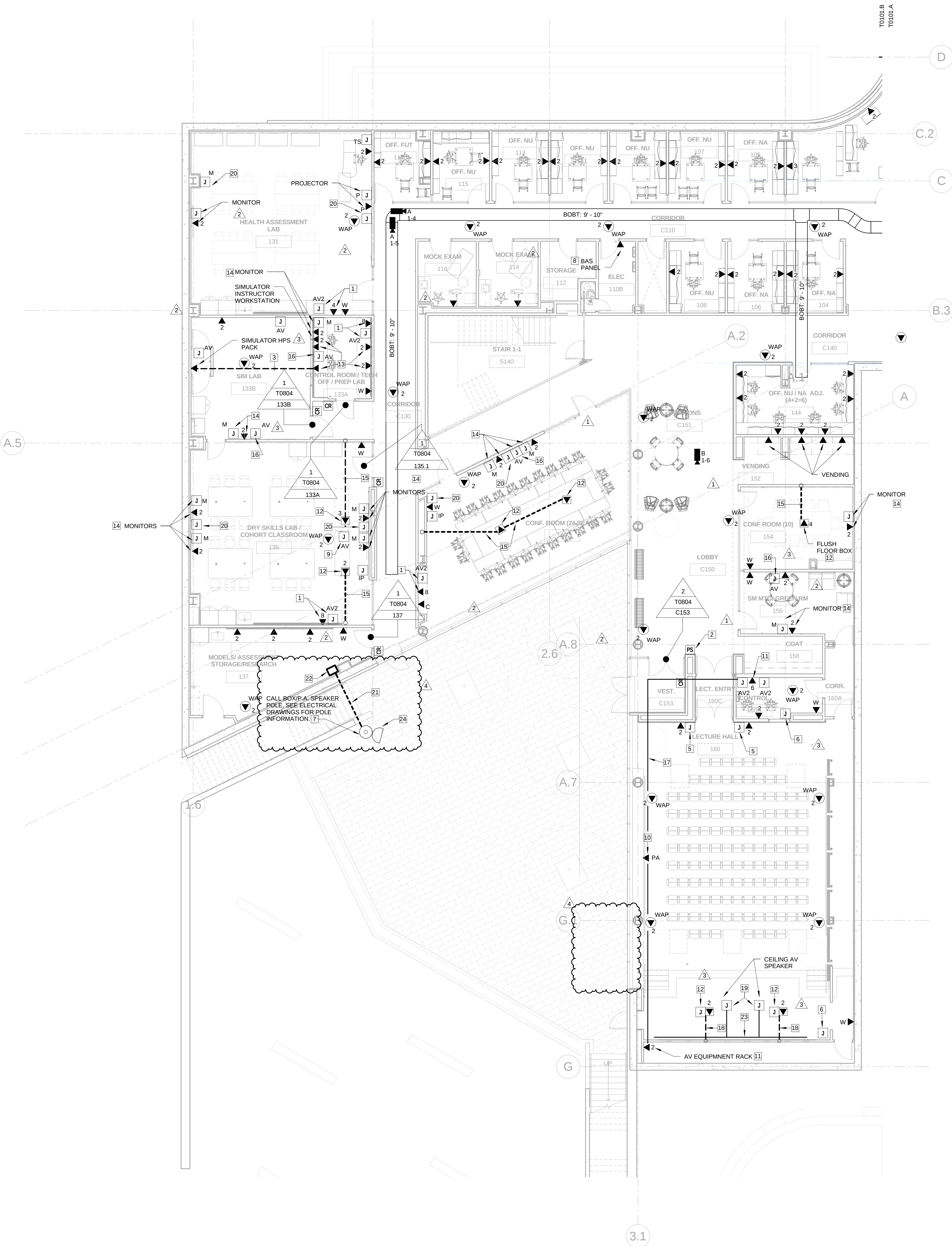
Project No.: 04561.01 Checked by:

T0101.A

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1 LEVEL 01 - AREA B
1/8" = 1'-0"



GENERAL NOTES:

THIS SHEET ONLY

1. DATA OUTLETS IN OFFICES SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLES, COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATION CABLEING ON THIS SHEET SHALL BE RUN TO LEVEL 01 DATA ROOM 100B.
3. FLOOR BOXES ARE SPECIFIED ON THE ELECTRICAL DRAWINGS UNLESS OTHERWISE NOTED.

KEYED NOTES:

THIS SHEET ONLY

- 1 CABINET MOUNTED AV EQUIPMENT (OFVI), COORDINATE DEVICE LOCATION WITH CABINET AND AV EQUIPMENT INSTALLER.
- 2 LOCAL DOOR LOCK POWER SUPPLY.
- 3 PROVIDE (1) CAT 6A CABLE IN 1" PVC CONDUIT IN SLAB. COORDINATE TERMINATION REQUIREMENTS WITH SIMULATOR EQUIPMENT INSTALLER.
- 4 PROVIDE A FLUSH MOUNTED WALL BOX (HUBBELL HBL260) WITH A SINGLE GANG RING FOR AV CABLES. STUB A 2" CONDUIT INTO ACCESSIBLE CEILING SPACE.
- 5 PROVIDE (1) 4 GANG J-BOX WITH (2) 1-1/2" CONDUITS STUBBED INTO ACCESSIBLE CEILING SPACE. MOUNT AT RECEPTACLE HEIGHT.
- 6 PROVIDE A 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2-GANG RING (VERTICAL) AND (1) 1 1/2" CONDUIT STUBBED INTO ACCESSIBLE CEILING.
- 7 POLE MOUNT BLUE LIGHT EMERGENCY INTERCOM STATION WITH WIRELESS RAPID COMMUNICATION. SHALL BE FURNISHED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. STATION SHALL BE MOUNTED SO INTERCOM IS 48" ABOVE GRADE. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
- 8 CONFIRM EXACT LOCATION AND TERMINATION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- 9 PROVIDE (2) AV BACK BOXES WALL MOUNTED AT RECEPTACLE HEIGHT
- 10 NOT USED
- 11 PROVIDE A 24" W X 4" H VERTICAL WALL MOUNTED BASKET TRAY FROM THE AV EQUIPMENT RACK UP INTO THE ACCESSIBLE CEILING SPACE FOR AV CABLEING. COORDINATE EXACT LOCATION WITH AV EQUIPMENT INSTALLER.
- 12 SEE ELECTRICAL DRAWINGS FOR FLOOR BOX INFORMATION.
- 13 INSTALL COMMUNICATION OUTLET IN THE COMMUNICATIONS SIDE OF THE 2-CHANNEL RACEWAY. SEE ELECTRICAL DRAWINGS FOR RACEWAY INFORMATION.
- 14 CONFIRM EXACT LOCATION OF DATA OUTLET AND MONITOR BOX WITH AV VENDOR PRIOR TO INSTALLATION.
- 15 PROVIDE (2) 1" CONDUITS IN SLAB FOR DATA AND AV CABLES. STUB CONDUIT UP THROUGH WALL CAVITY TO ACCESSIBLE CEILING SPACE.
- 16 MOUNT AT RECEPTACLE MOUNTING HEIGHT
- 17 PROVIDE (1) 2 1/2" EMPTY CONDUIT WITH PULL STRING ABOVE CEILING BETWEEN AV EQUIPMENT RACKS FOR AV CABLES (AV CABLE PROVIDED BY AV EQUIPMENT INSTALLER)
- 18 PROVIDE (1) 1 1/2" CONDUIT FOR AV AND (1) 1" CONDUIT FOR DATA IN SLAB. STUB UP INTO ACCESSIBLE CEILING SPACE.
- 19 STIB (1) 1" CONDUIT INTO AV EQUIPMENT ROOM.
- 20 PROVIDE A 4-11/16" SQUARE X 2-1/8" DEEP WALL MOUNTED BOX WITH 2 GANG RING FOR PTZ CAMERA WITH A 1" CONDUIT WITH PULL STRING STUBBED INTO ACCESSIBLE CEILING SPACE. COORDINATE MOUNTING HEIGHT AND LOCATION WITH PTZ CAMERA INSTALLER.
- 21 PROVIDE 2#18 IN A 3" UNDERGROUND PVC CONDUIT FROM THE P.A. AMPLIFIER TO THE POLE MOUNTED P.A. SPEAKER. ROUTE CONDUIT AS DIRECT AS POSSIBLE. DO NOT EXCEED WIRE LENGTH OF 50'. MAKE FINAL TERMINATIONS AT BOTH ENDS.
- 22 P.A. AMPLIFIER (OFCI) MOUNTED ABOVE ACCESSIBLE CEILING ADJACENT TO CONDUIT STUB-UP (SEE KEYED NOTE 21).
- 23 PROVIDE A 1 1/2" CONDUIT NIPPLE FOR EACH VIDEO MONITOR THROUGH WALL FOR VIDEO WALL
- 24 OFCI OUTDOOR P.A. SPEAKER POLE MOUNTED AT 12'-0" ABOVE FINISHED GRADE TO THE SIDE SURFACE OF THE POLE. FIELD DRILL HOLE FOR CONDUCTOR CONNECTION TO THE SPEAKER (SEE KEYED NOTE 21). EXPOSED CONDUCTORS SHALL BE INSTALLED IN A LIQUIDTIGHT FLEXIBLE CONDUIT FROM THE POLE TO THE SPEAKER. PROVIDE A CONDUCTOR DRIP LOOP.



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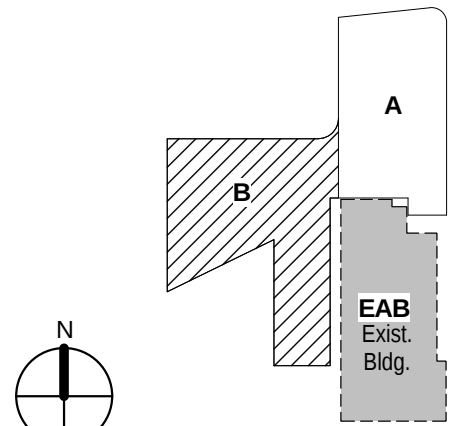
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4	ASI-040	09 DEC 2016
3	ASI-035	10 NOV 2016
2	ASI-030	14 OCT 2016
1	ADDENDUM 2-2	19 APR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
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KEY PLAN

Drawing Title:

**LEVEL 01 FLOOR PLAN -
AREA B**

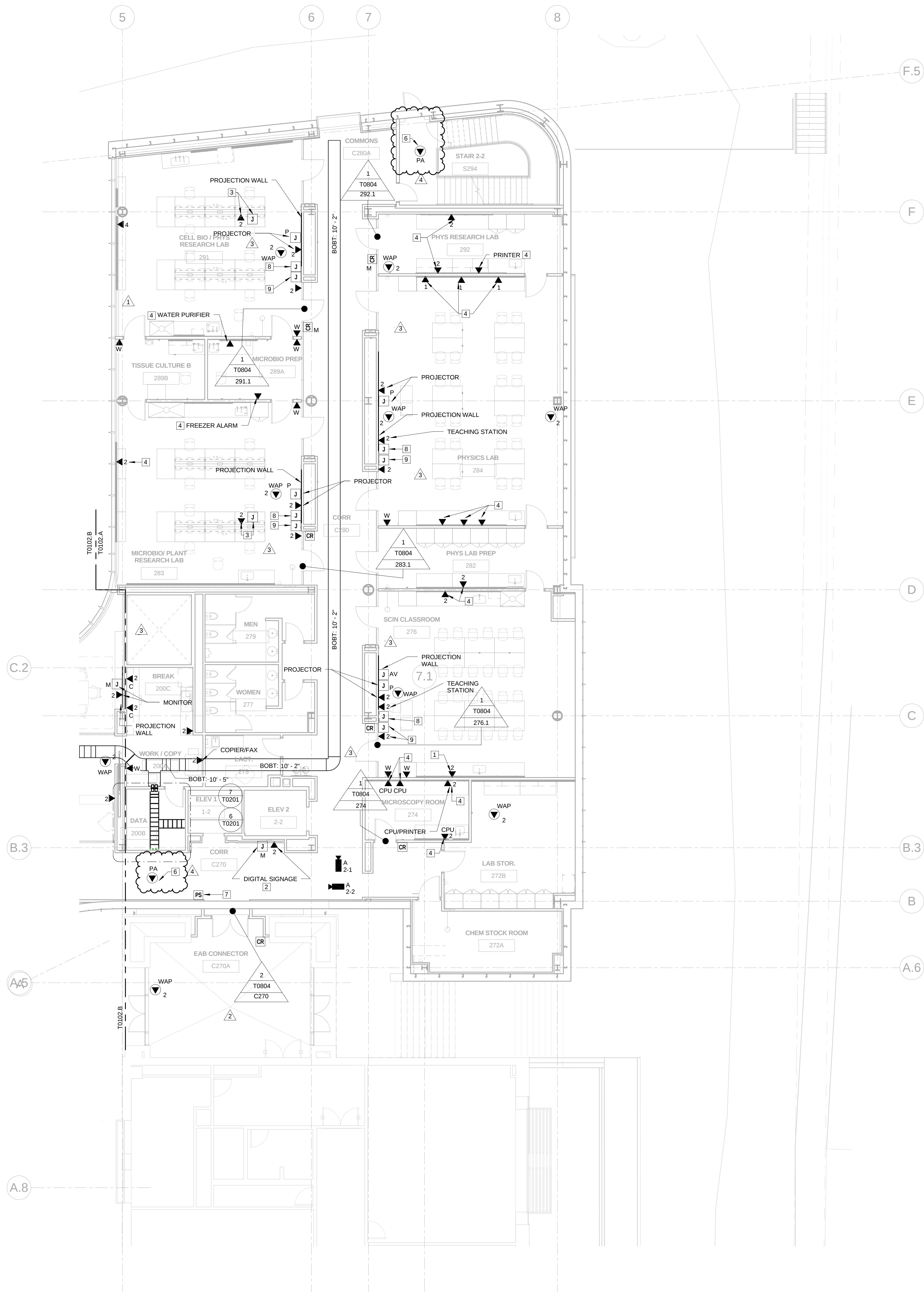
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1 LEVEL 02 - AREA A
1/8" = 1'-0"



GENERAL NOTES:

THIS SHEET ONLY

1. DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLES. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATIONS CABLEING ON THIS SHEET SHALL BE RUN TO LEVEL 02 DATA ROOM 200B.

KEYED NOTES:

THIS SHEET ONLY

- 1 CABINET MOUNTED AV EQUIPMENT (OFVI)
- 2 CONFIRM EXACT LOCATION OF DATA OUTLET AND MONITOR BOX WITH AV VENDOR PRIOR TO INSTALLATION.
- 3 MOUNT DEVICES IN THE OVERHEAD SERVICE CARRIER SYSTEM. PROVIDE AN EMPTY 1" CONDUIT WITH PULL STRING FROM EACH DEVICE TO CEILING SPACE. COORDINATE DEVICE LOCATION AND MOUNTING REQUIREMENTS WITH CARRIER SYSTEM INSTALLER.
- 4 MOUNT IN COMMUNICATION CHANNEL OF 2 SECTION RACEWAY. SEE ELECTRICAL DRAWINGS FOR RACEWAY INFORMATION.
- 5 NOT USED
- 6 COORDINATE EXACT LOCATION WITH PA INSTALLER.
- 7 LOCAL DOOR LOCK POWER SUPPLY.
- 8 PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING AND (1) 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR AV KEYPAD. PROVIDE (1) CAT 6A CABLE TO DATA ROOM IDENTIFIED ON PLANS. MOUNT AT LIGHT SWITCH HEIGHT.
- 9 PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING FOR THE AV INPUT PLATE. MOUNT AT RECEPTACLE HEIGHT. PROVIDE (1) 1" CONDUIT UP TO THE AV KEYPAD J BOX. (SEE KEYED NOTE 8)



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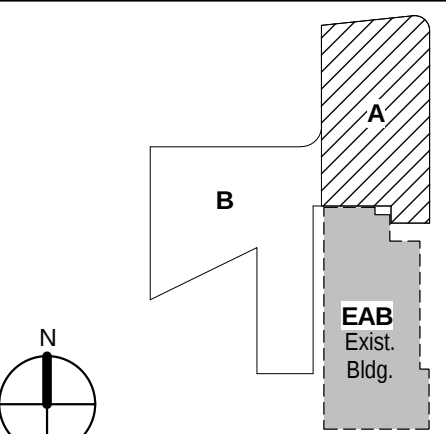
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4	ASI-040	09 DEC 2016
3	ASI-035	10 NOV 2016
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
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KEY PLAN

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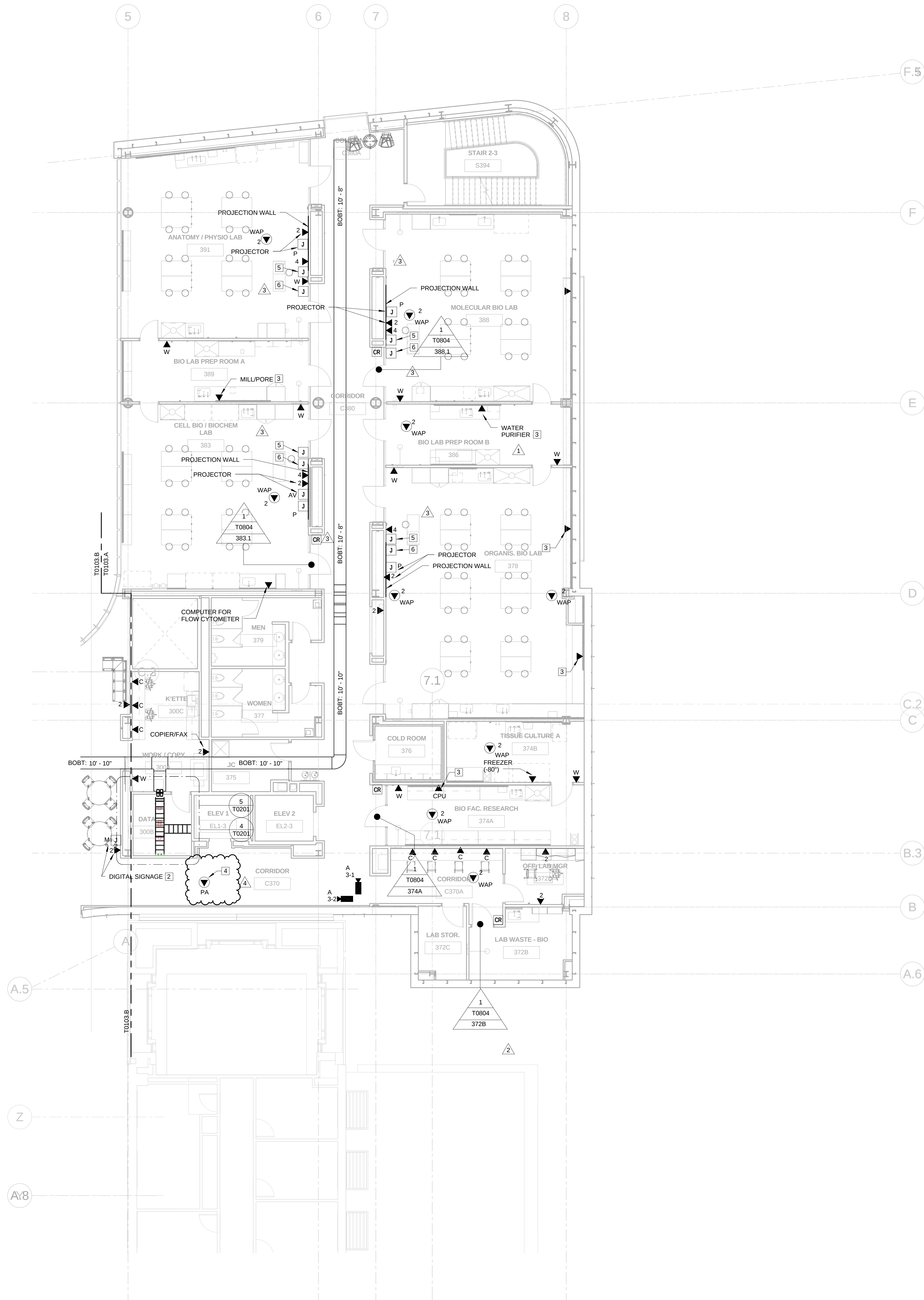
**LEVEL 02 FLOOR PLAN -
AREA A**

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1 LEVEL 03 - AREA A
1/8" = 1'-0"



GENERAL NOTES:

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1. DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLES. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
2. TELECOMMUNICATION CABLING ON THIS SHEET SHALL BE RUN TO LEVEL 03 DATA ROOM 300B.

KEYED NOTES:

THIS SHEET ONLY

1. CABINET MOUNTED AV EQUIPMENT (OFVI)
2. CONFIRM EXACT LOCATION OF DATA OUTLET AND MONITOR WITH AV VENDOR PRIOR TO INSTALLATION.
3. INSTALL COMMUNICATION OUTLET IN THE COMMUNICATIONS SIDE OF THE 2 CHANNEL RACEWAY. SEE ELECTRICAL DRAWINGS FOR RACEWAY INFORMATION.
4. COORDINATE EXACT LOCATION WITH PA INSTALLER.
5. PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING AND (1) 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR AV KEYPAD. PROVIDE (1) CAT 6A CABLE TO DATA ROOM IDENTIFIED ON PLANS. MOUNT AT LIGHT SWITCH HEIGHT.
6. PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING FOR THE AV INPUT PLATE. MOUNT AT RECEPTACLE HEIGHT. PROVIDE (1) 1" CONDUIT UP TO THE AV KEYPAD J-BOX. (SEE KEYED NOTE 5).



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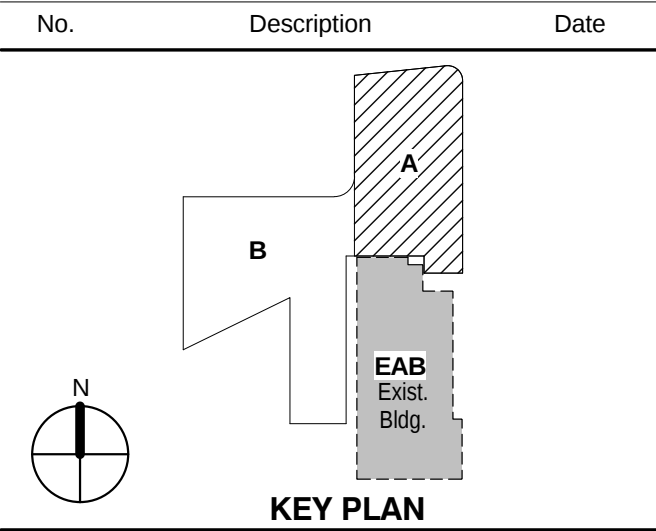
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4	ASI-040	09 DEC 2016
3	ASI-035	10 NOV 2016
2	ADDENDUM 2-2	19 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016



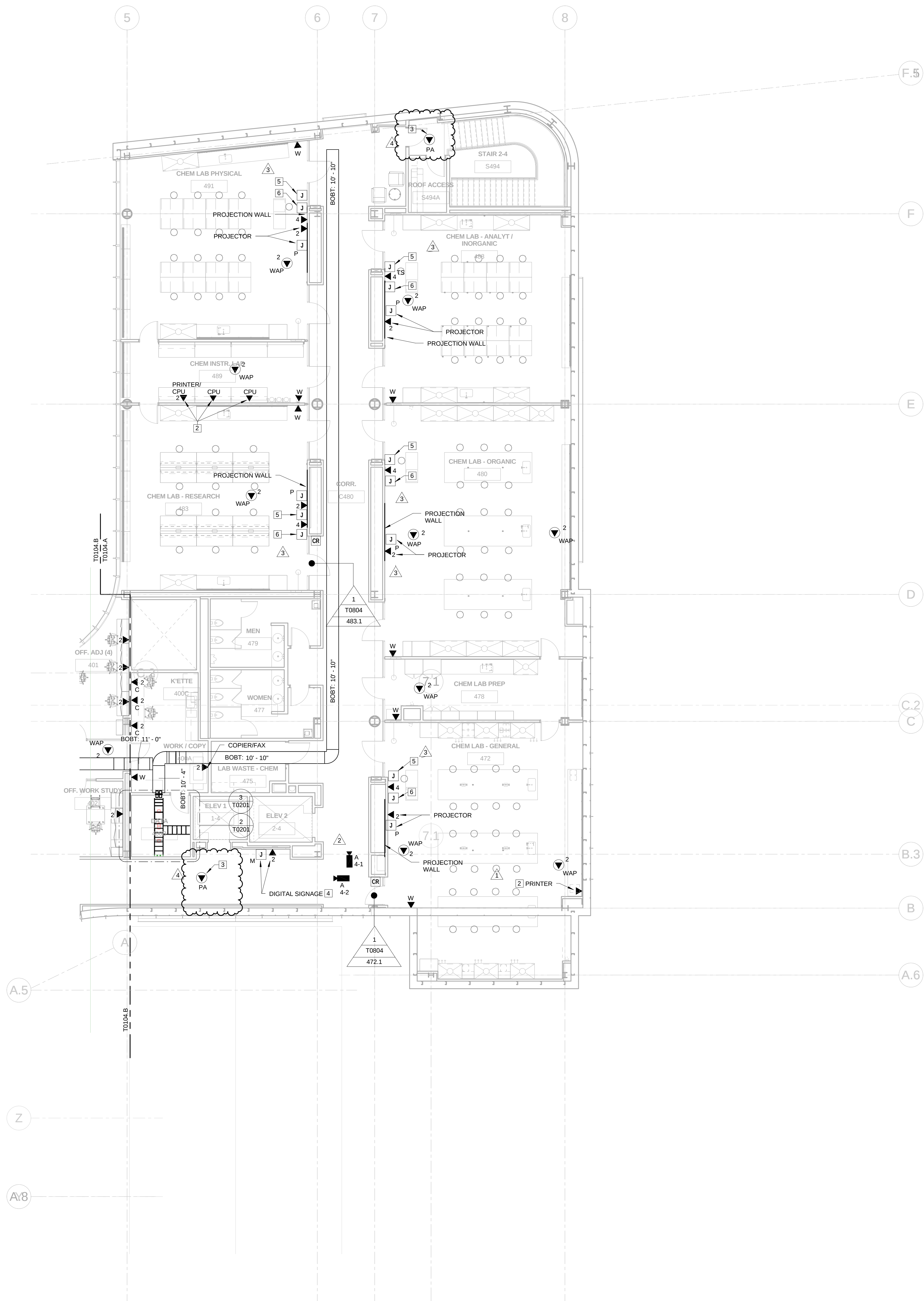
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**LEVEL 03 FLOOR PLAN -
AREA A**

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- DATA OUTLETS IN OFFICE SHALL BE LOCATED ADJACENT TO AND AT THE SAME MOUNTING HEIGHT AS THE POWER RECEPTACLES. COORDINATE LOCATION WITH THE ELECTRICAL CONTRACTOR.
- TELECOMMUNICATION CABLEING ON THIS SHEET SHALL BE RUN TO LEVEL 04 DATA ROOM 400B.

KEYED NOTES:

THIS SHEET ONLY

- CABINET MOUNTED AV EQUIPMENT (OPVI)
- INSTALL COMMUNICATION OUTLET IN THE COMMUNICATION SIDE OF THE 2 CHANNEL RACEWAY. SEE ELECTRICAL DRAWINGS FOR DETAILS.
- COORDINATE EXACT LOCATION WITH PA INSTALLER.
- CONFIRM EXACT LOCATION OF DATA OUTLET AND MONITOR WITH AV VENDOR PRIOR TO INSTALLATION.
- PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING AND (1) 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR AV KEYPAD. PROVIDE (1) CAT 6A CABLE TO DATA ROOM IDENTIFIED ON PLANS. MOUNT AT LIGHT SWITCH HEIGHT.
- PROVIDE (1) 4-11/16" SQUARE X 2-1/8" DEEP BOX WITH 2 GANG RING FOR THE AV INPUT PLATE. MOUNT AT RECEPTACLE HEIGHT. PROVIDE (1) 1" CONDUIT UP TO THE AV KEYPAD J-BOX (SEE KEYED NOTE 5).

4	ASI-040	09 DEC 2016
3	ASI-035	10 NOV 2016
2	ADDENDUM 2-4	24 MAY 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
4	ASI-040	09 DEC 2016
3	ASI-035	10 NOV 2016
2	ADDENDUM 2-4	24 MAY 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

Drawing Title:

LEVEL 04 FLOOR PLAN - AREA A

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