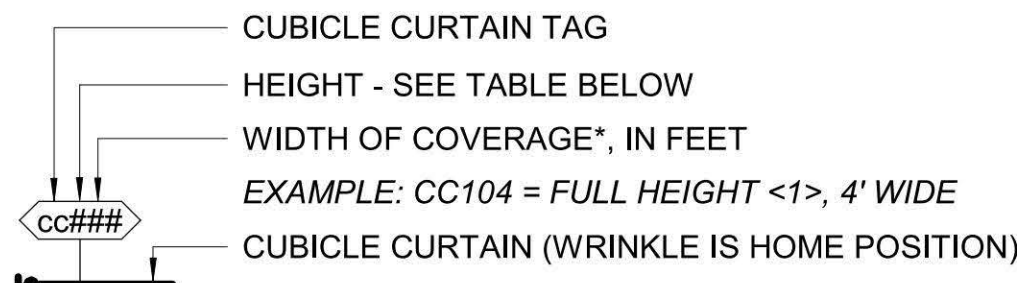
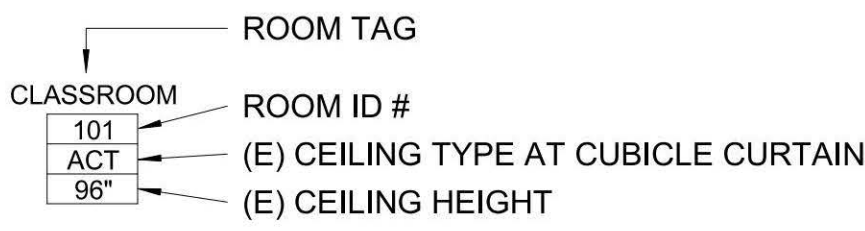


NOTES:

1. SEE SHEET A1502 FOR CURTAIN TRACK ATTACHMENT

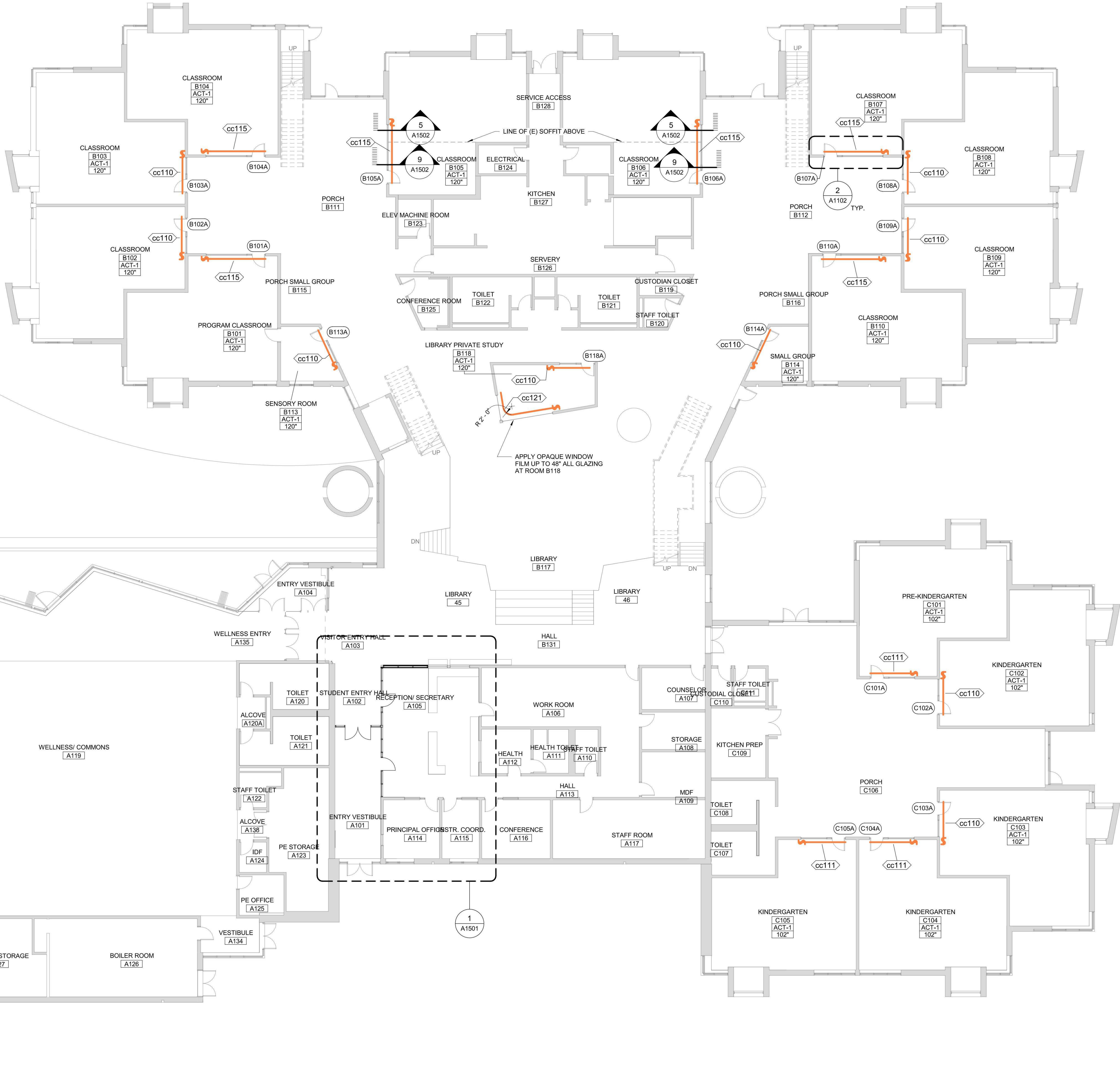


CUBICLE CURTAIN HEIGHT TABLE	
CODE	HEIGHT
1	TO 2" A.F.F. (FULL)
2	NOT USED
3	NOT USED

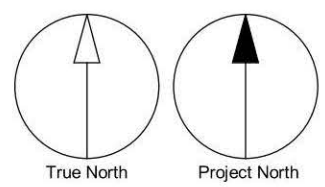


CEILING TYPE TABLE	
CODE	TYPE
ACT-1	ACT IN SUSPENDED T-BAR
ACT-2	ACT ON HARD LID
GYP	GYP SUM HARD LID

* WIDTH OF COVERAGE LISTED IS ESTIMATED. CONTRACTOR TO CONFIRM TOTAL WIDTH OF CURTAIN AND TRACK AND CONFIGURATION BASED ON EXISTING CONDITIONS. SEE DETAIL 2 / A1102



1 LEVEL 01 PLAN OVERALL
A1101 Scale: 3/32" = 1'-0"



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ISSUES		
No.	DESCRIPTION	DATE
1	BID & PERMIT SET	05-04-2020

CONSULTANTS

SEAL



PROJECT
LOWRIE PRIMARY SCHOOL
SECURITY UPGRADES
28995 SW Brown Rd
Wilsonville, OR 97070

PROJECT NO:
124743
WL BID PACK 19045.009

DRAWN BY:
TK
CHECKED BY:
JF

PROJECT MGR:
TK
APPROVED BY:
JF

SHEET TITLE
OVERALL FIRST FLOOR PLAN

SHEET NUMBER
A1101

ISSUE

NOTES:

1. SEE SHEET A1502 FOR CURTAIN TRACK ATTACHMENT

CUBICLE CURTAIN TAG

HEIGHT - SEE TABLE BELOW

WIDTH OF COVERAGE*, IN FEET

EXAMPLE: CC104 = FULL HEIGHT <1>, 4' WIDE

CUBICLE CURTAIN (WRINKLE IS HOME POSITION)

CODE	HEIGHT
1	TO 2" A.F.F. (FULL)
2	NOT USED
3	NOT USED

ROOM TAG

CLASSROOM

ROOM ID #

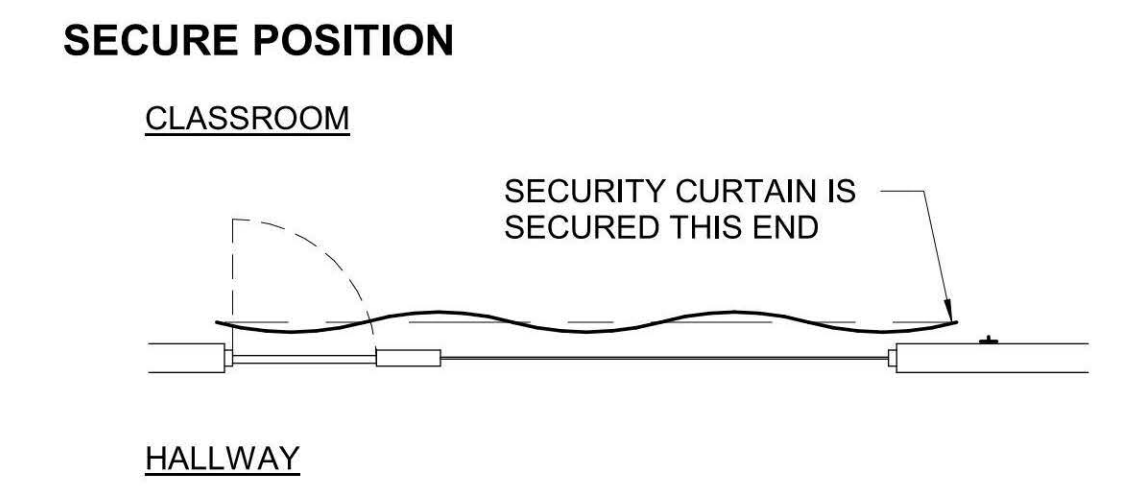
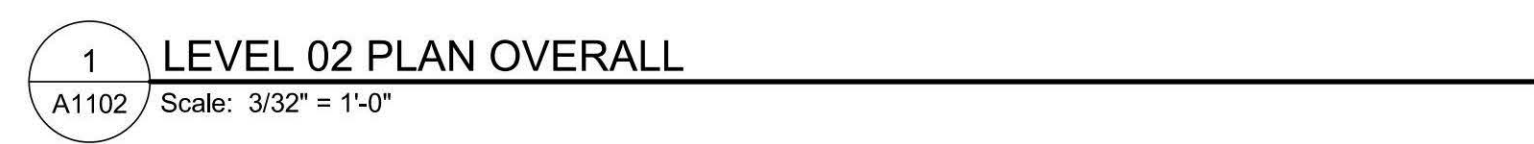
101
ACT
96"

(E) CEILING TYPE AT CUBICLE CURTAIN

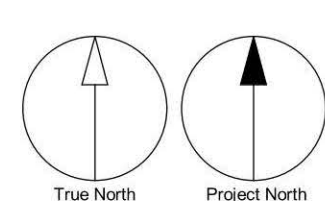
(E) CEILING HEIGHT

CODE	TYPE
ACT-1	ACT IN SUSPENDED T-BAR
ACT-2	ACT ON HARD LID
GYP	GYP SUM HARD LID

* WIDTH OF COVERAGE LISTED IS ESTIMATED.
CONTRACTOR TO CONFIRM TOTAL WIDTH OF CURTAIN
AND TRACK AND CONFIGURATION BASED ON EXISTING
CONDITIONS. SEE DETAIL 2 / A1102



2 SECURITY CURTAIN LAYOUT
A1102 Scale: 1/4" = 1'-0"



CONSULTANTS

SHEET NUMBER	ISSUE
A1102	

GENERAL PLAN NOTES:

- DIMENSIONS SHOWN ARE TO FACE OF STUD, FACE OF MASONRY OR CENTERLINE OF COLUMN OR GRID LINE UNLESS NOTED OTHERWISE.
- DOORS NOT LOCATED BY DIMENSION ARE TO BE CENTERED IN WALLS AS SHOWN OR LOCATED 4 1/2" FROM FACE OF STUD TO FACE OF JAMB.
- NOTED WALL TYPE DEPICTS TYPICAL WALL CONSTRUCTION. SEE ELEVATIONS, SECTIONS, AND DETAILS FOR ADDITIONAL INFORMATION.
- DIMENSIONS AT GLAZING ASSEMBLIES ARE TO CENTER OF ASSEMBLY UNLESS NOTED OTHERWISE.
- USE DIMENSIONS SHOWN; IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM DRAWINGS. CROSS CHECK DETAILS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS AS APPLICABLE. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- CONDITIONS AND DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE. TYPICAL DETAILS NOT REFERENCED ON DRAWINGS APPLY UNLESS NOTED OTHERWISE BY SPECIFIC NOTES AND DETAILS. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR THE TYPICAL CONSTRUCTION OF THE PROJECT.
- WHERE NO SPECIFIC STANDARDS ARE APPLIED TO A MATERIAL OR METHOD OF CONSTRUCTION TO BE USED ON THE WORK, ALL SUCH MATERIAL AND METHODS ARE TO MAINTAIN STANDARDS OF THE INDUSTRY AND, WHERE APPLICABLE, MANUFACTURER'S INSTRUCTIONS.
- LOADING OF CONSTRUCTION MATERIALS SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADES, DRAWINGS, AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
- PROVIDE ALL NECESSARY ANCHORAGE BLOCKING, BACKING, FRAMING FOR HANDRAILS, DOOR STOPS, CASEWORK, SHELVING, MIRRORS, WALL MOUNTED EQUIPMENT, AND ALL OTHER ITEMS AS REQUIRED FOR COMPLETE INSTALLATION.
- CONFIRM ALL ROUGH OPENING DIMENSIONS FOR DOORS AND WINDOWS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- WHERE A LENGTH OF WALL IS INTERSECTED BY PERPENDICULAR WALLS, WALL TYPE TO BE CONTINUOUS BETWEEN TAGS UNLESS NOTED OTHERWISE.
- PROVIDE SOLID BLOCKING BETWEEN ROOF JOISTS WHERE WALL RUNS PERPENDICULAR TO ROOF JOISTS. GYPSUM BOARD TO TERMINATE AT ROOF JOISTS.
- SEE DETAILS FOR DEFLECTION HEAD DETAILS.
- AT ALL LOCATIONS WHERE WALLS, CEILINGS, EQUIPMENT OR FINISHES HAVE BEEN REMOVED, REPAIR SERVICES TO ORIGINAL CONDITION.
- PROVIDE TILE BACKER BOARD BEHIND ALL CERAMIC TILE APPLICATIONS. MOISTURE RESISTANT GYPSUM BOARD SHALL ALSO BE USED AT ALL KITCHEN AREAS AND BEHIND DRINKING FOUNTAINS.
- SEE INTERIOR ELEVATIONS FOR LOCATIONS AND EXTENTS OF APPLIED WALL FINISHES.
- SEE FINISH LEGEND FOR MATERIAL DESIGNATIONS.
- EXTEND FLOOR FINISHES UNDER TOEKICKS, OPEN COUNTERTOPS AND EQUIPMENT, TYPICAL.
- PROVIDE TRANSITION STRIPS WHERE UNLIKE MATERIALS MEET, TYPICAL.
- WHERE FLOOR FINISH CHANGES MATERIAL, PATTERN OR COLOR AT A DOOR, LOCATE TRANSITION UNDER CENTERLINE OF DOOR.

GENERAL DEMO NOTES:

- DEMOLITION DRAWINGS ARE DIAGRAMMATIC AND ARE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE GENERAL SCOPE OF WORK. PROVIDE ALL DEMOLITION REQUIRED TO COMPLETE THE WORK AS INDICATED ON THE NEW CONSTRUCTION DRAWINGS AND AS SPECIFIED.
- NOTATIONS FOR SAW CUTTING CONCRETE SLABS ARE APPROXIMATE - VERIFY WITH STRUCTURAL MECHANICAL AND PLUMBING DRAWINGS AND WITH FIELD CONDITIONS. PATCH AND POUR BACK ANY SAW CUT CONCRETE FOR TRENCHES OR ANY HOLES FROM DEMOLISHED WALLS, CONDUIT OR PLUMBING WITH NEW CONCRETE TO MATCH EXISTING. SEE STRUCTURAL FOR POUR BACK DETAIL INFORMATION.
- SEE MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
- WHERE DEMOLITION OR REMOVAL OF AN ITEM OCCURS, PATCH REMAINING WALLS, FLOORS AND CEILING TO MATCH EXISTING ADJACENT MATERIAL, COLOR AND FINISH, UNLESS OTHERWISE NOTED.
- REMOVE MATERIALS TO BE REINSTALLED OR RETAINED IN A MANNER TO PREVENT DAMAGE, STORE AND PROTECT.
- PRIOR TO SAWCUTTING ANY EXISTING CONCRETE FLOOR SLAB, PROVIDE FIELD ENGINEERING AND UTILITIES LOCATION SERVICES TO LOCATE ANY EXISTING ELECTRICAL, TELEPHONE, WATER, SANITARY SEWER OR STORM DRAIN LINES WITHIN THE AREA OF WORK.
- THE TERM "DEMO" INDICATES THAT THE ITEM BECOMES THE PROPERTY OF THE GENERAL CONTRACTOR FOR DISPOSAL.
- FOR ITEMS IN WORK AREAS NOT DESIGNATED EITHER "TO REMAIN" OR "BE REINSTALLED" ARE TO BE SALVAGED AND TURNED OVER TO THE OWNER.
- CONTRACTOR TO REMOVE ANY EXISTING DUCTS, PIPES, DEVICES THAT HAVE BEEN ABANDONED OR ARE NOT PART OF THE NEW BUILDING SYSTEM. PATCH AND REPAIR SURFACES TO MATCH ADJACENT SURFACES, TYPICAL.
- CAP WIRING AT ANY OUTLETS TO BE REMOVED.
- PANELS, SWITCHES, DEVICES IN WALLS TO BE DEMOLISHED ARE TO BE REMOVED PRIOR TO WALL REMOVAL. COORDINATE WITH ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- WHERE CEILING IS NOTED TO BE DEMOLISHED, REMOVE LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FLOORING/SLAB TO BE PATCHED WHERE EXISTING PLUMBING FIXTURES ARE PERMANENTLY REMOVED. FLOOR SURFACE/FINISH SHOULD BE PREPARED TO RECEIVED SCHEDULED FLOORING.
- WHERE EXISTING CEILING AND CEILING GRID/TRIM ARE TO BE DEMOLISHED AND NO NEW CEILING INSTALLED, WALL ABOVE EXISTING CEILING LINE WILL BE PATCHED/REPAIRED AS A RESULT OF DEMOLITION. WALLS WILL BE CLEANED AND PAINTED P-I, UNLESS NOTED OTHERWISE.
- ASBESTOS-CONTAINING MATERIALS (ACM) HAVE NOT BEEN IDENTIFIED AT THIS SITE, HOWEVER SUSPECT ASBESTOS-CONTAINING MATERIALS MAY STILL BE PRESENT. IMMEDIATELY UPON DISCOVERY OF ANY SUSPECT ACM OR OTHER HAZARDOUS MATERIALS, STOP WORK AND DO NOT CARRY ON ANY ACTIVITY IN THAT AREA WHICH COULD DISTURB THE SUSPECTED ACM OR OTHER HAZARDOUS MATERIALS. NOTIFY THE ARCHITECT IMMEDIATELY. IN SUCH AN EVENT, THE ARCHITECT WILL EVALUATE CIRCUMSTANCES AND INSTRUCT CONTRACTOR ON HOW AND WHEN TO PROCEED. INSTRUCT WORKERS ON SITE TO BE ALERT FOR MATERIALS THAT MAY CONTAIN ASBESTOS OR OTHER HAZARDOUS MATERIALS, AND NOT TO DISTURB OR ATTEMPT TO REMOVE SUCH MATERIALS. TAKE PRECAUTIONS TO PREVENT SPREAD OF ASBESTOS FIBERS OR OTHER HAZARDOUS MATERIALS THROUGHOUT THE PROJECT. DO NOT BREAK UP OR ATTEMPT TO REMOVE FROM THE SITE ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS. ASBESTOS-CONTAINING MATERIALS OR OTHER HAZARDOUS MATERIALS CARRIED AROUND THE WORK AREA OR INTO THE EXISTING BUILDING(S) DUE TO THE CONTRACTOR'S CARELESSNESS OR FAILURE TO FOLLOW ABOVE PROCEDURAL PRECAUTIONS SHALL BE REMEDIATED AT THE CONTRACTOR'S EXPENSE.

PLAN LEGEND

- EXISTING WALL ASSEMBLY TO REMAIN
- EXISTING WALL/CEILING ASSEMBLY TO BE REMOVED
- NEW ARCHITECTURAL WALL ASSEMBLY
- NEW HOLLOW METAL FRAME ASSEMBLY
- NEW CASEWORK TO BE SUPPLIED BY CONTRACTOR

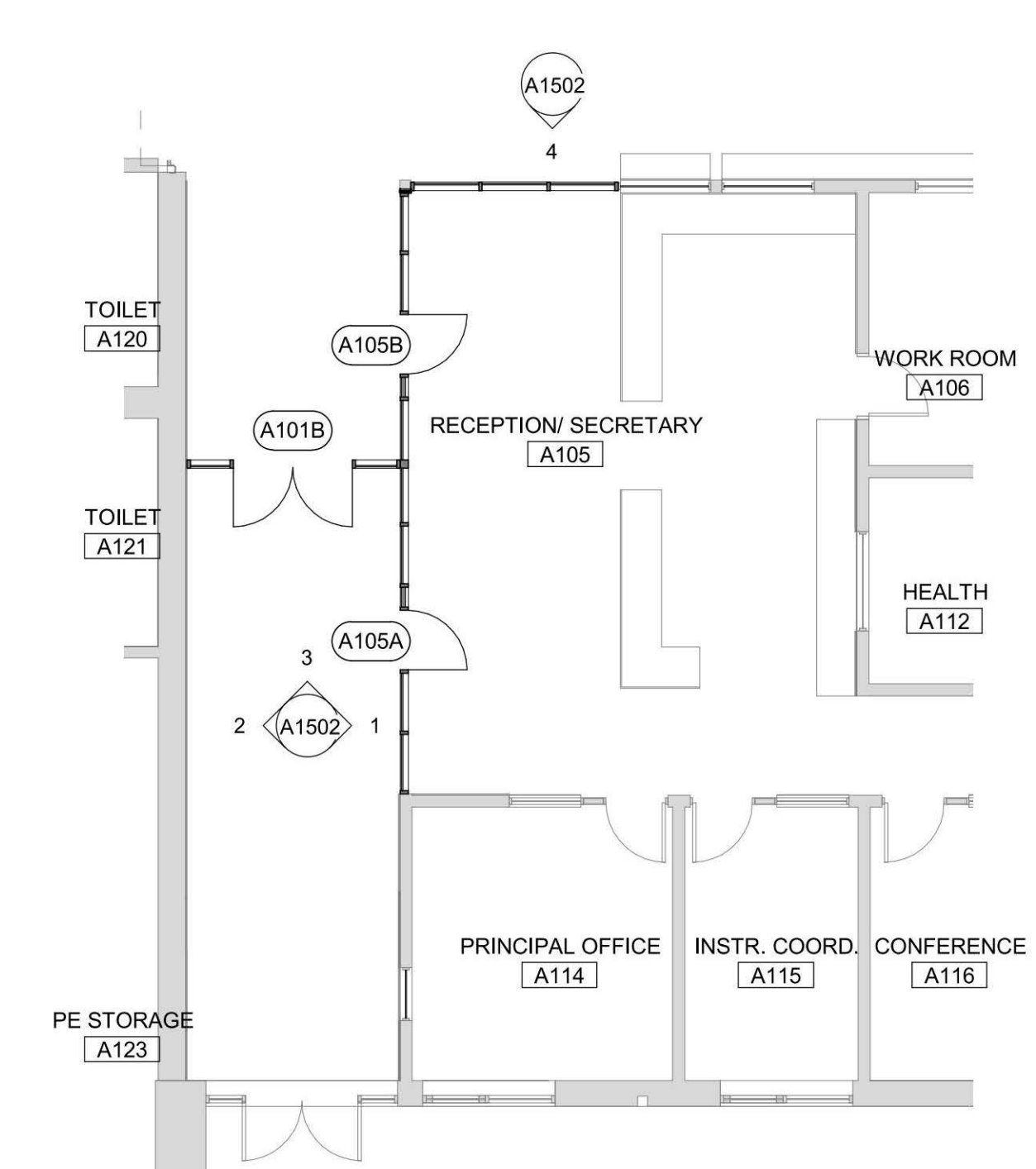
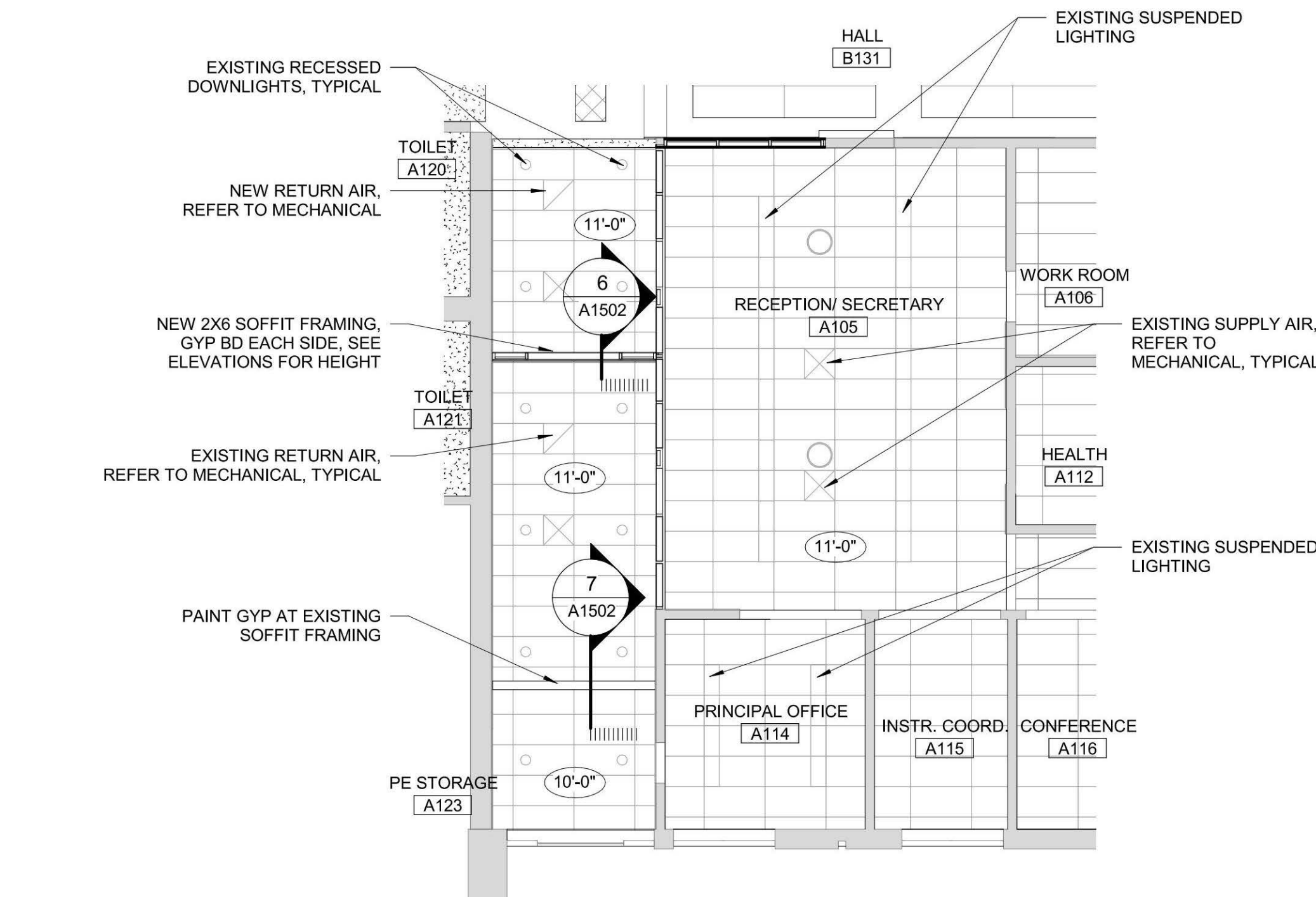
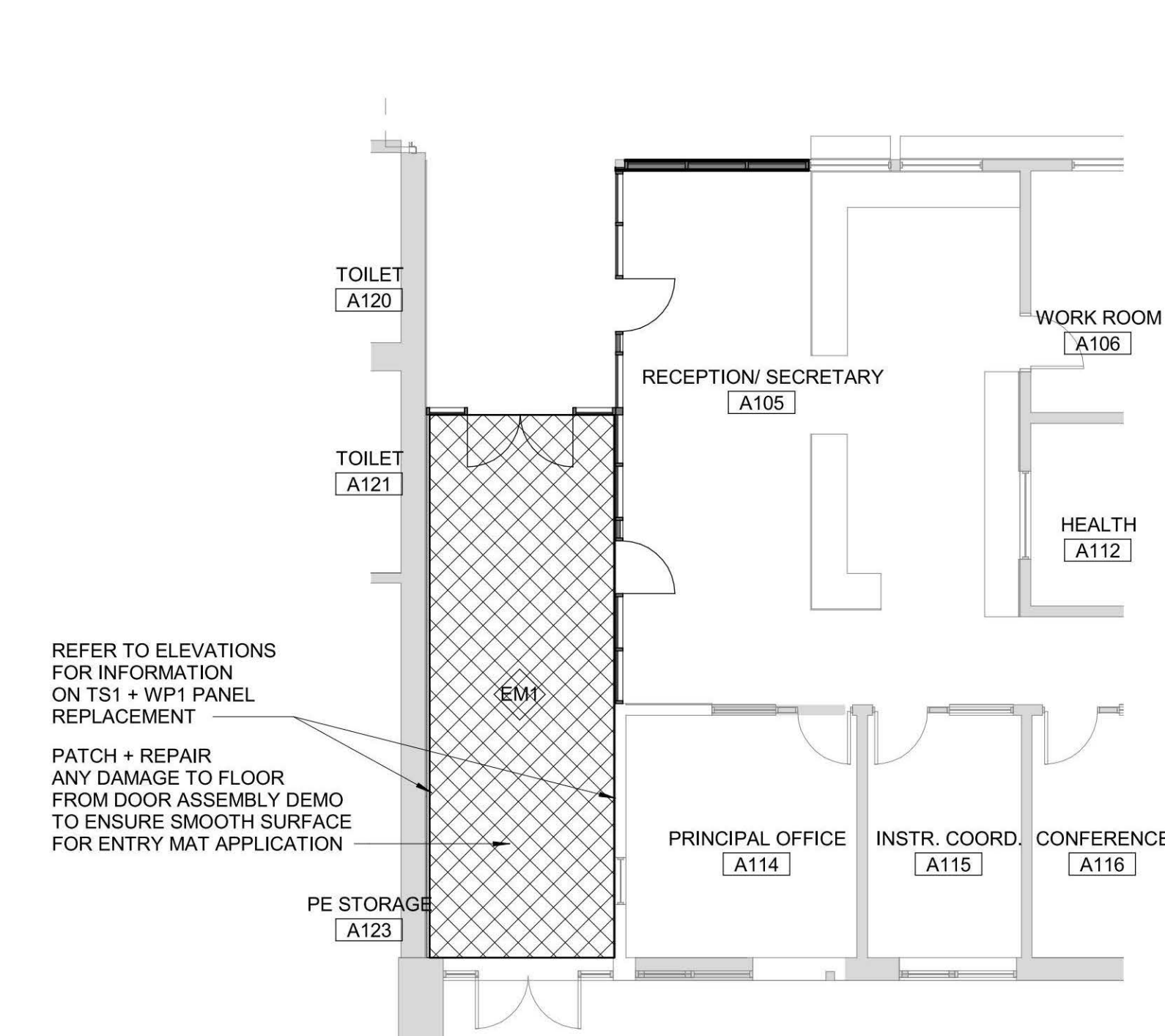
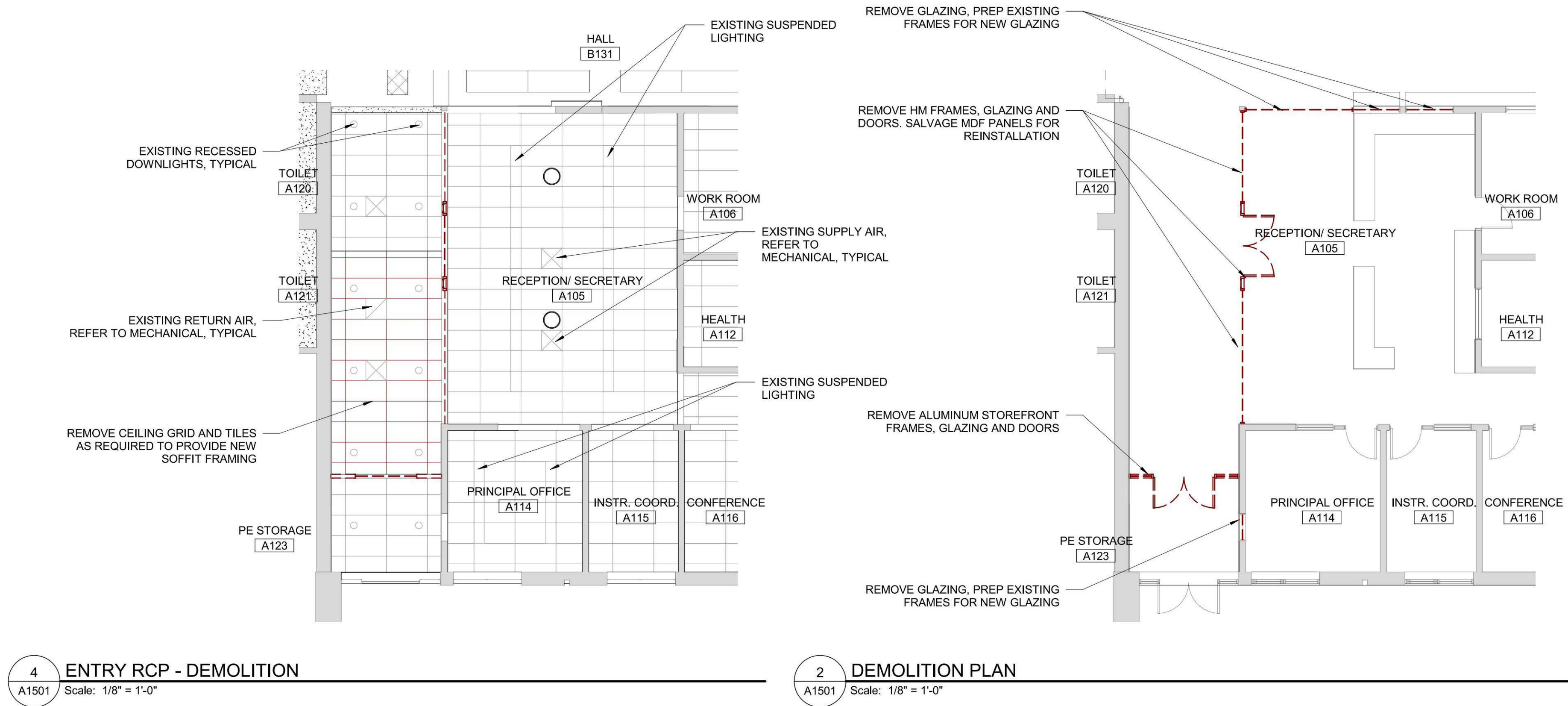
RCP LEGEND

- EXISTING ACT EXISTING 2'x4' SUSPENDED ACOUSTIC CEILING TO REMAIN
- GW B1 GYPSUM CEILING

FINISHES LEGEND

- EXISTING EXISTING FLOOR FINISH TO REMAIN
- EM1 CARPET TILE FLOORING
- SC1 STAINED CONCRETE FLOORING
- B1 RUBBER WALL BASE

NOTE: REFER TO FINISH SPECIFICATIONS FOR ADDITIONAL INFORMATION ON FINISHES.



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1	BID & PERMIT SET		05-04-2020

CONSULTANTS

SEAL



IBI GROUP
907 SW Harvey Milk Street
Portland, OR 97205, USA
tel 503 226 6550 fax 503 273 9192
ibigroup-uspnw.com

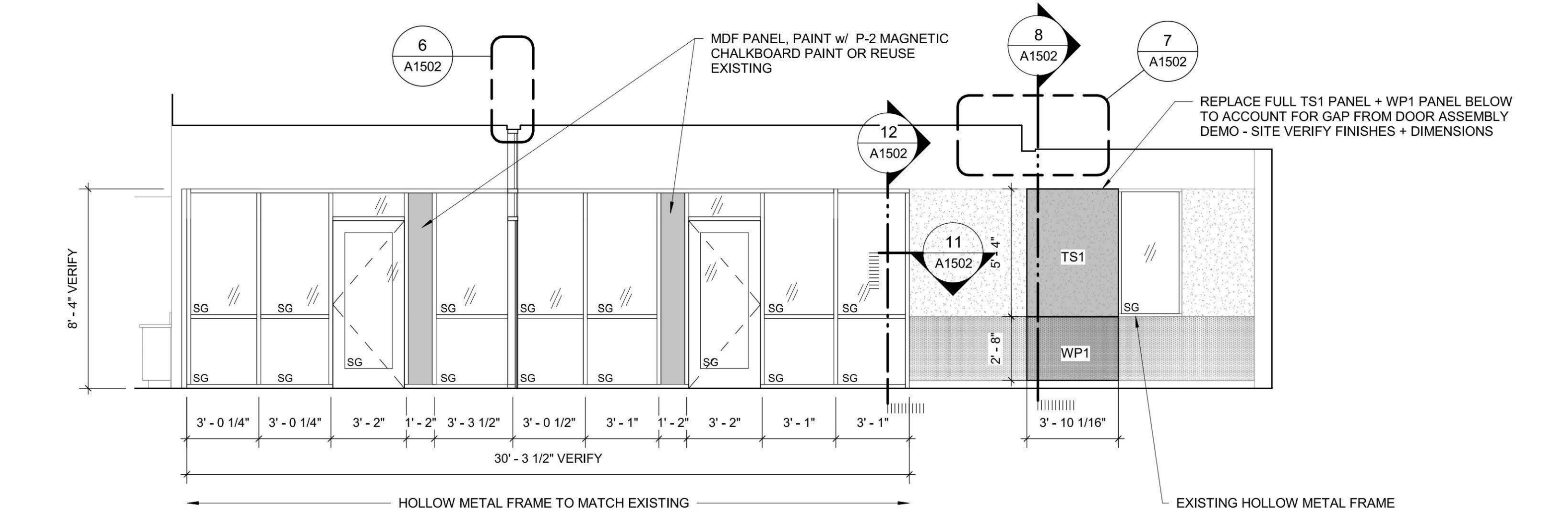
PROJECT
**LOWRIE PRIMARY SCHOOL
SECURITY UPGRADES**
28995 SW Brown Rd
Wilsonville, OR 97070

PROJECT NO: 124743
DRAWN BY: TK
PROJECT MGR: TK
SHEET TITLE: ENTRY PLANS, RCPs & FINISH PLAN

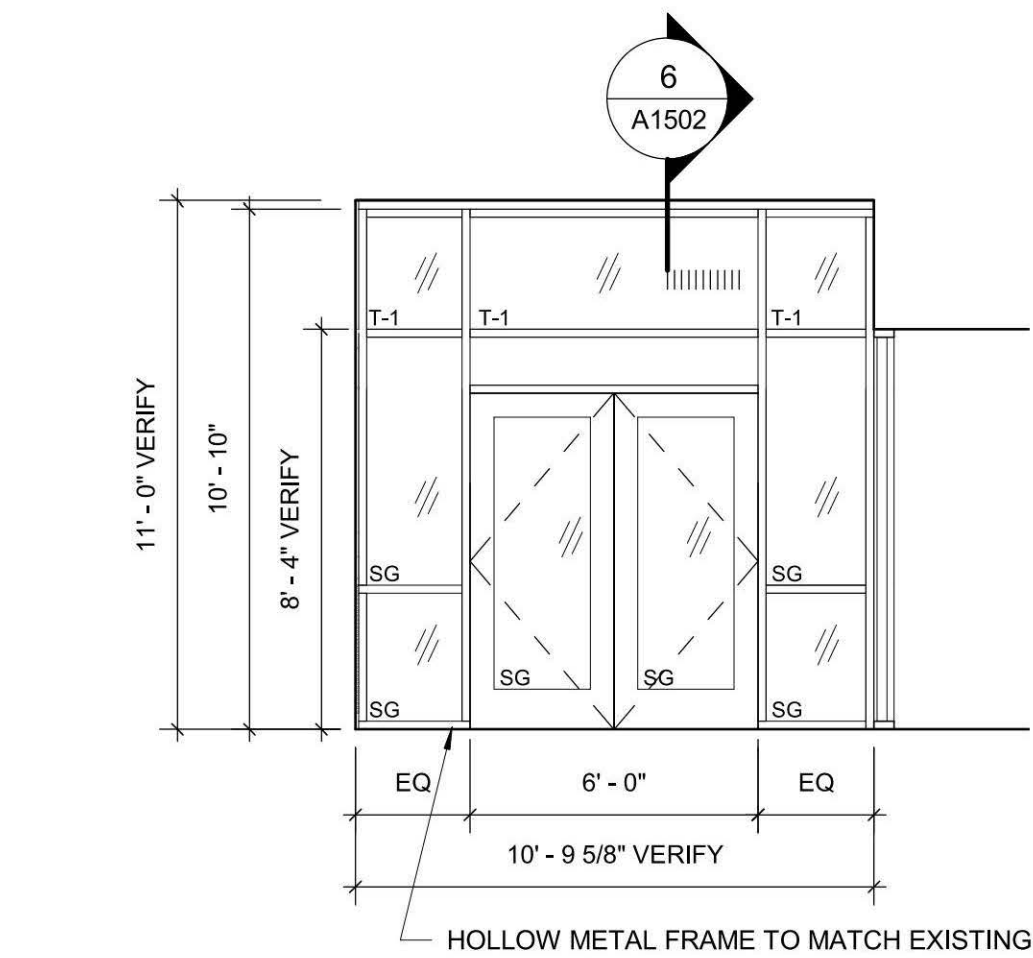
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CHECKED BY: JF
APPROVED BY: JF

SHEET NUMBER
A1501

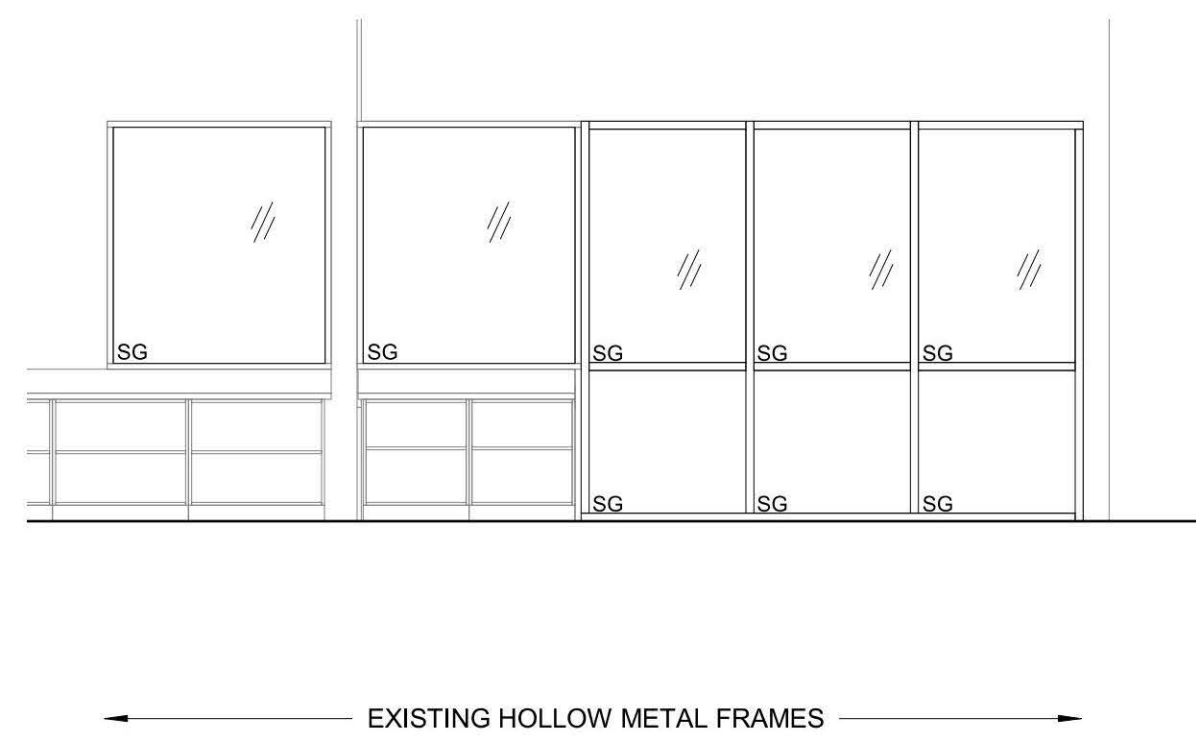
ISSUE



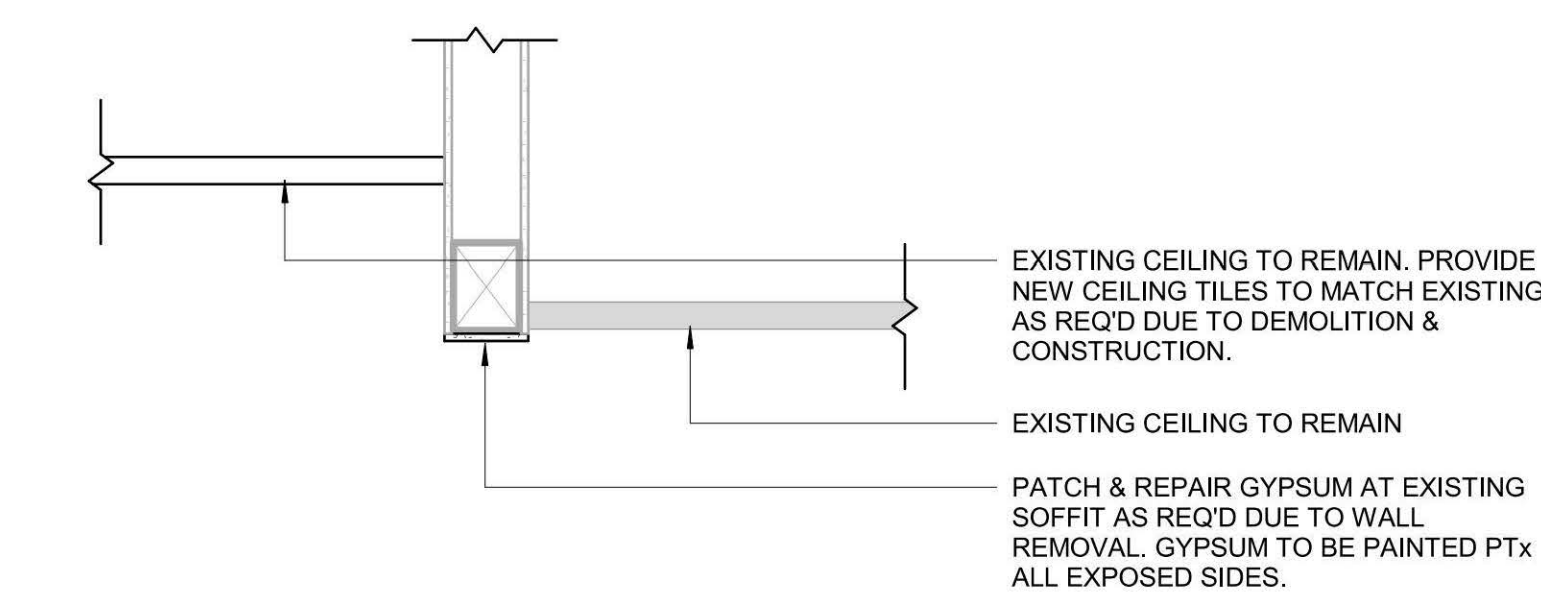
1 Elevation
A1502 Scale: 1/4" = 1'-0"



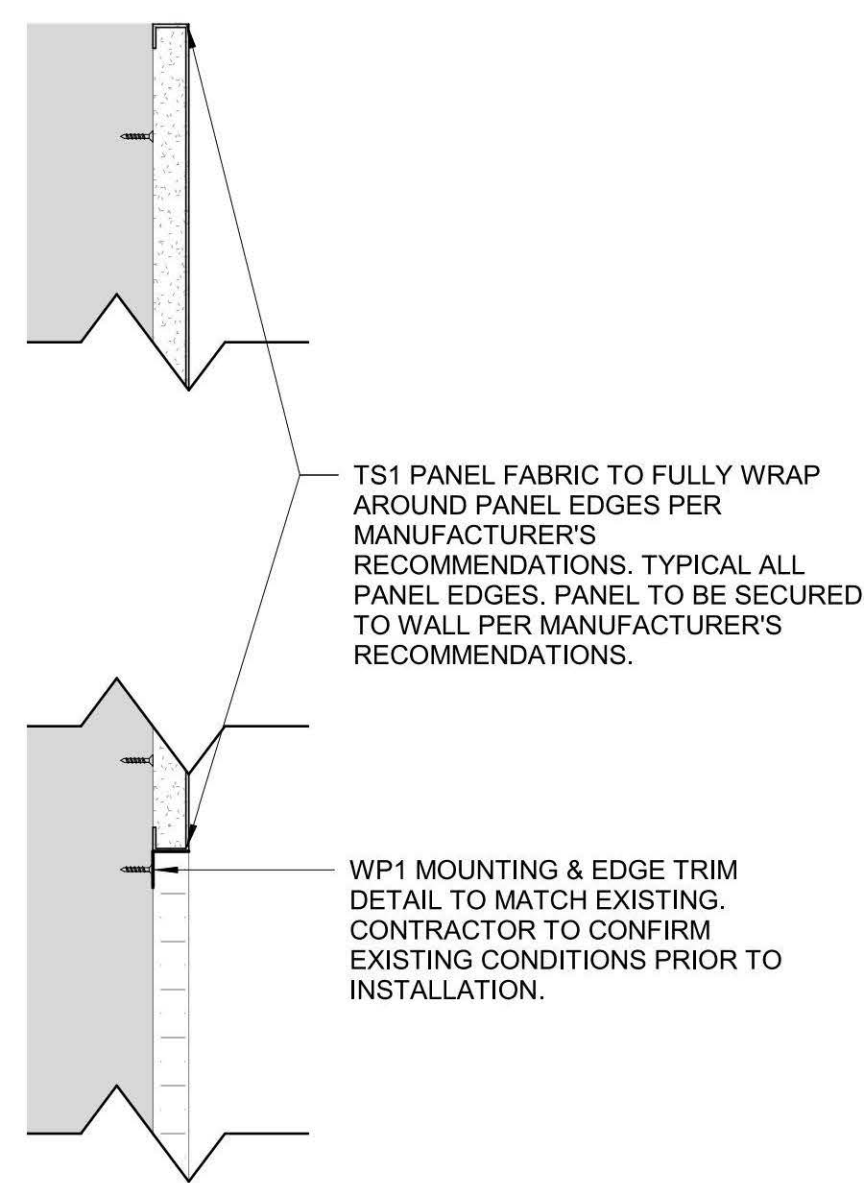
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A1502 Scale: 1/4" = 1'-0"



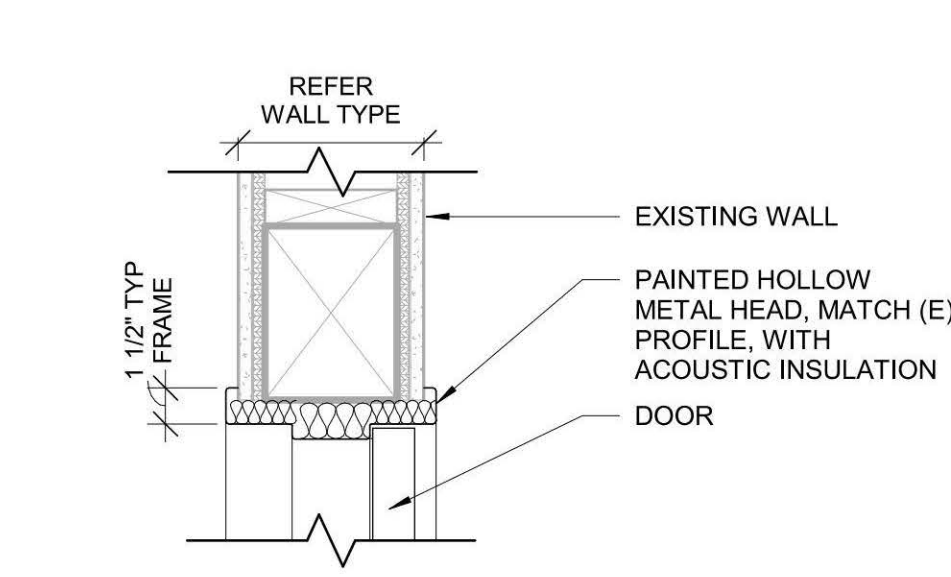
4 Elevation
A1502 Scale: 1/4" = 1'-0"



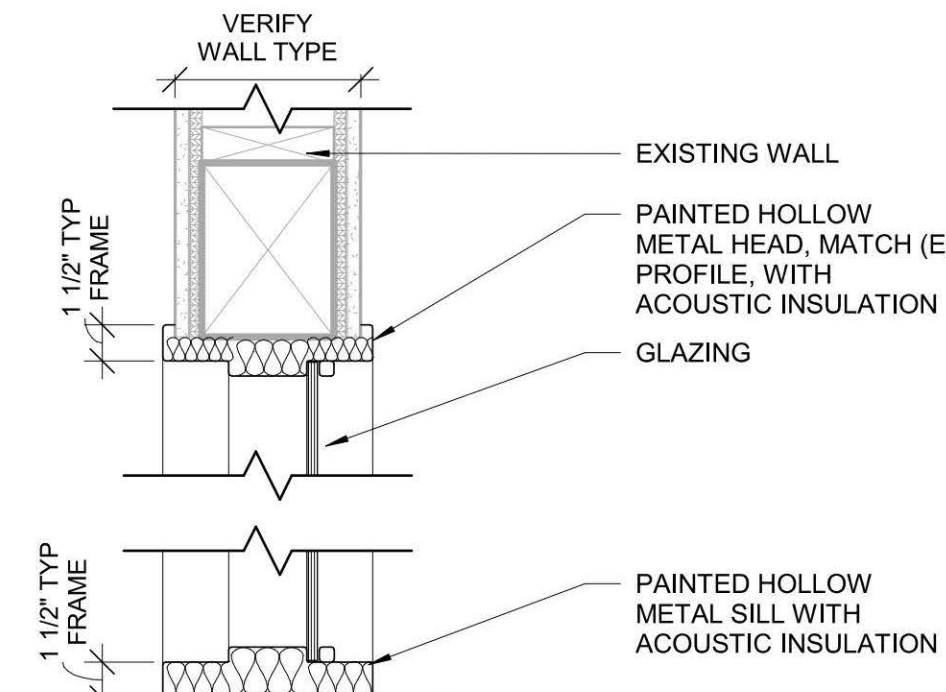
7 EXISTING SOFFIT FRAMING SECTION
A1502 Scale: 3/4" = 1'-0"



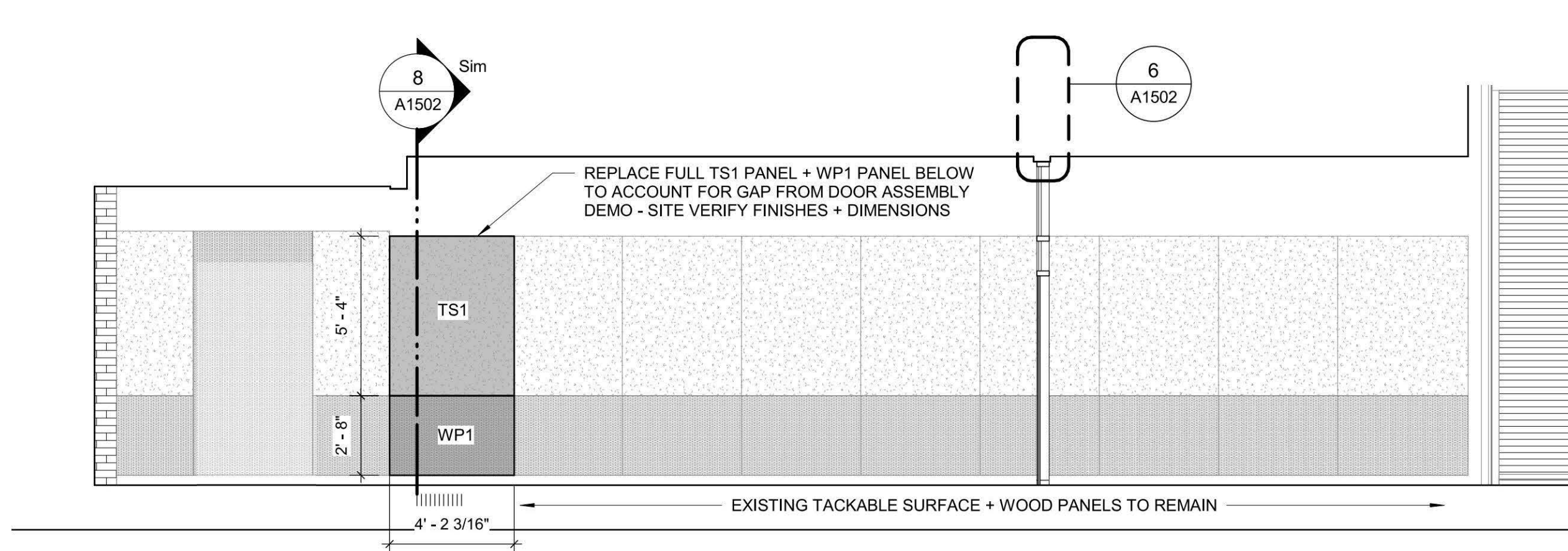
8 DETAIL @ TACK SURFACE - WALL PANEL
A1502 Scale: 3" = 1'-0"



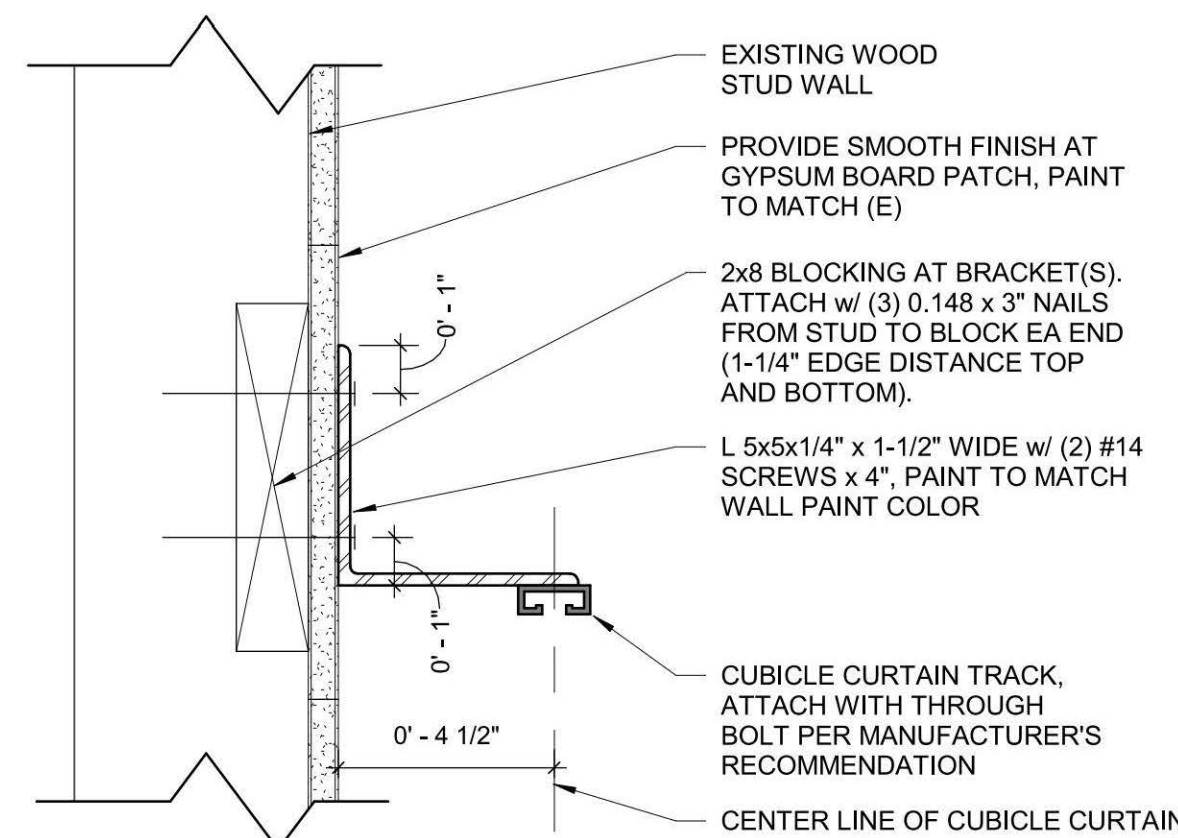
11 HOLLOW METAL JAMB
A1502 Scale: 1 1/2" = 1'-0"



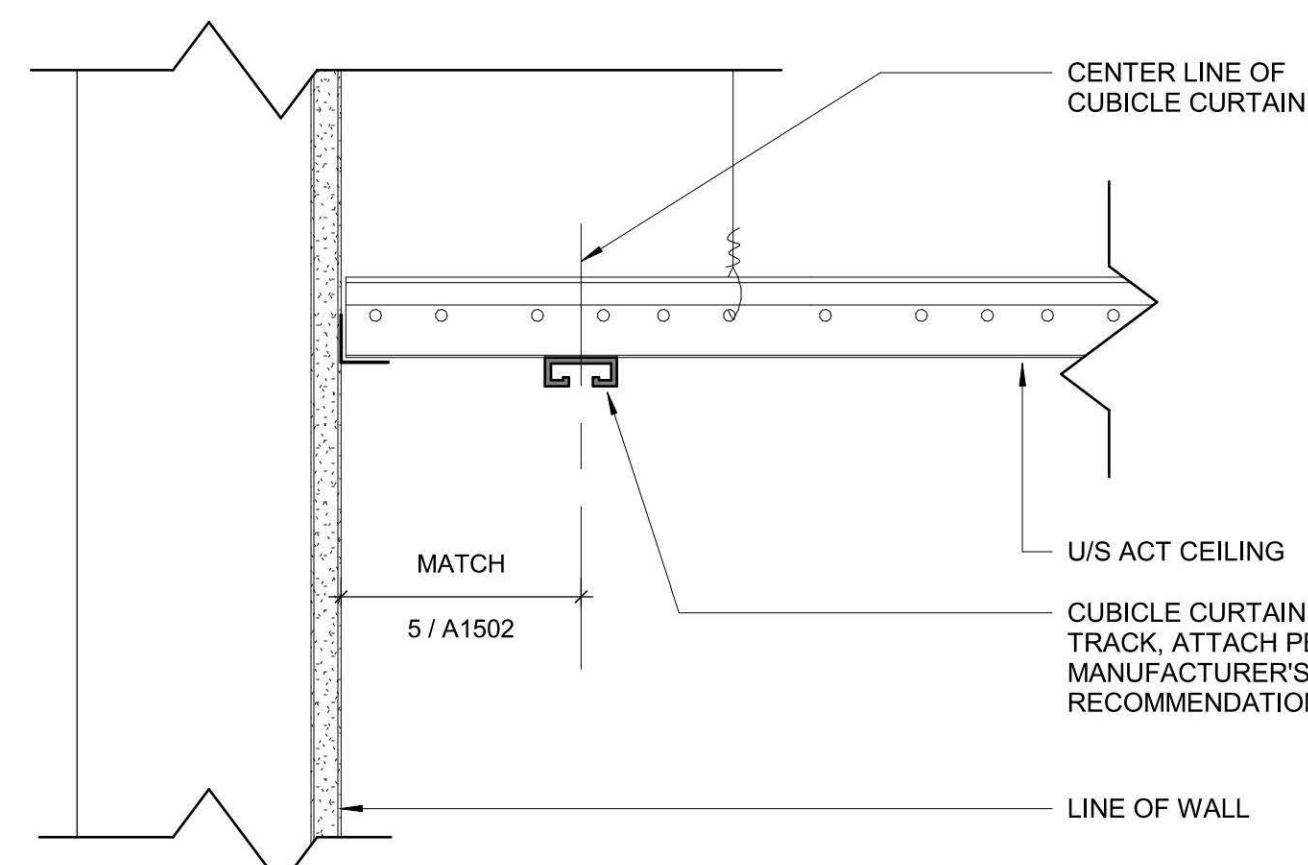
12 HOLLOW METAL HEAD/SILL
A1502 Scale: 1 1/2" = 1'-0"



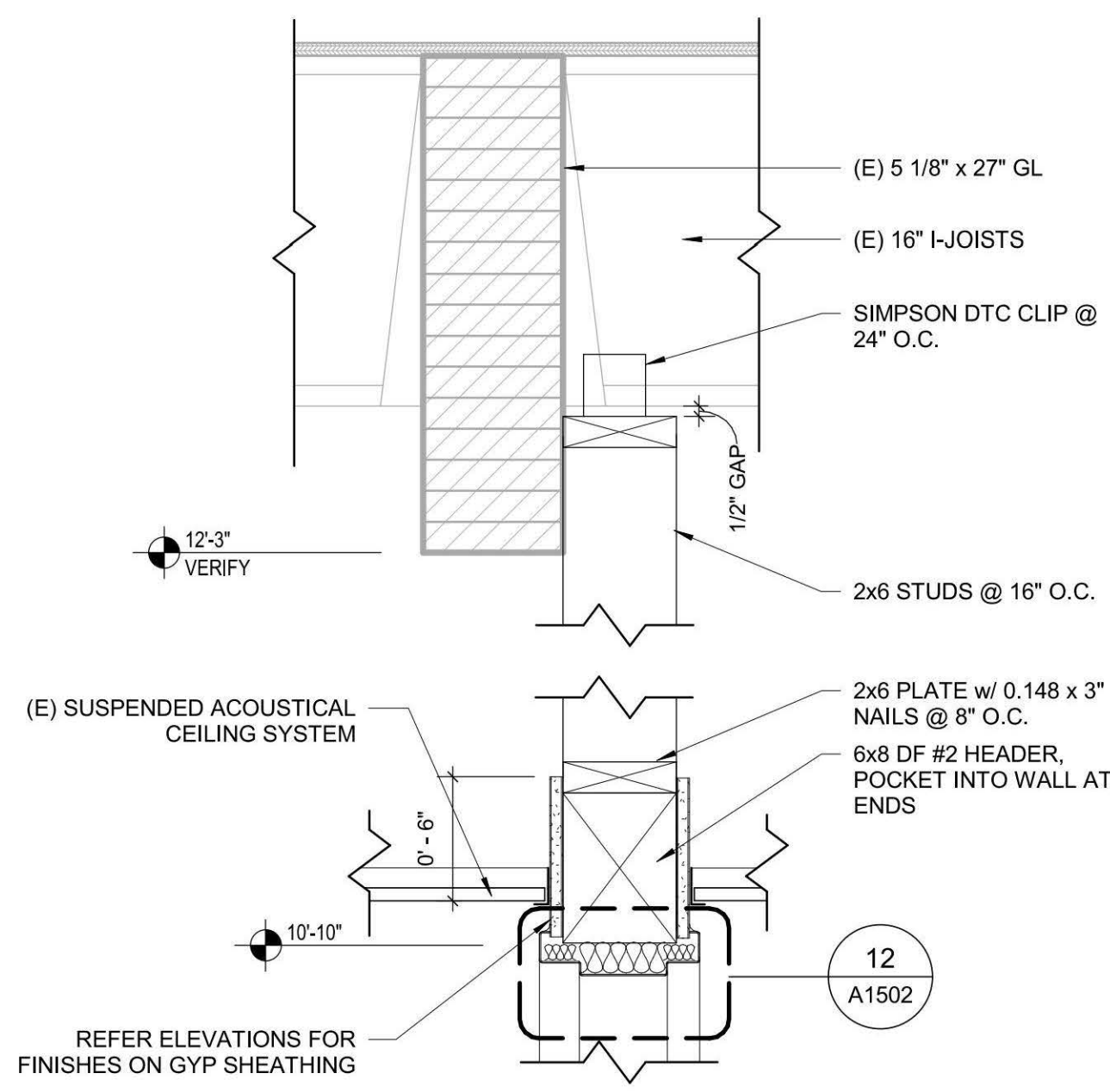
2 Elevation
A1502 Scale: 1/4" = 1'-0"



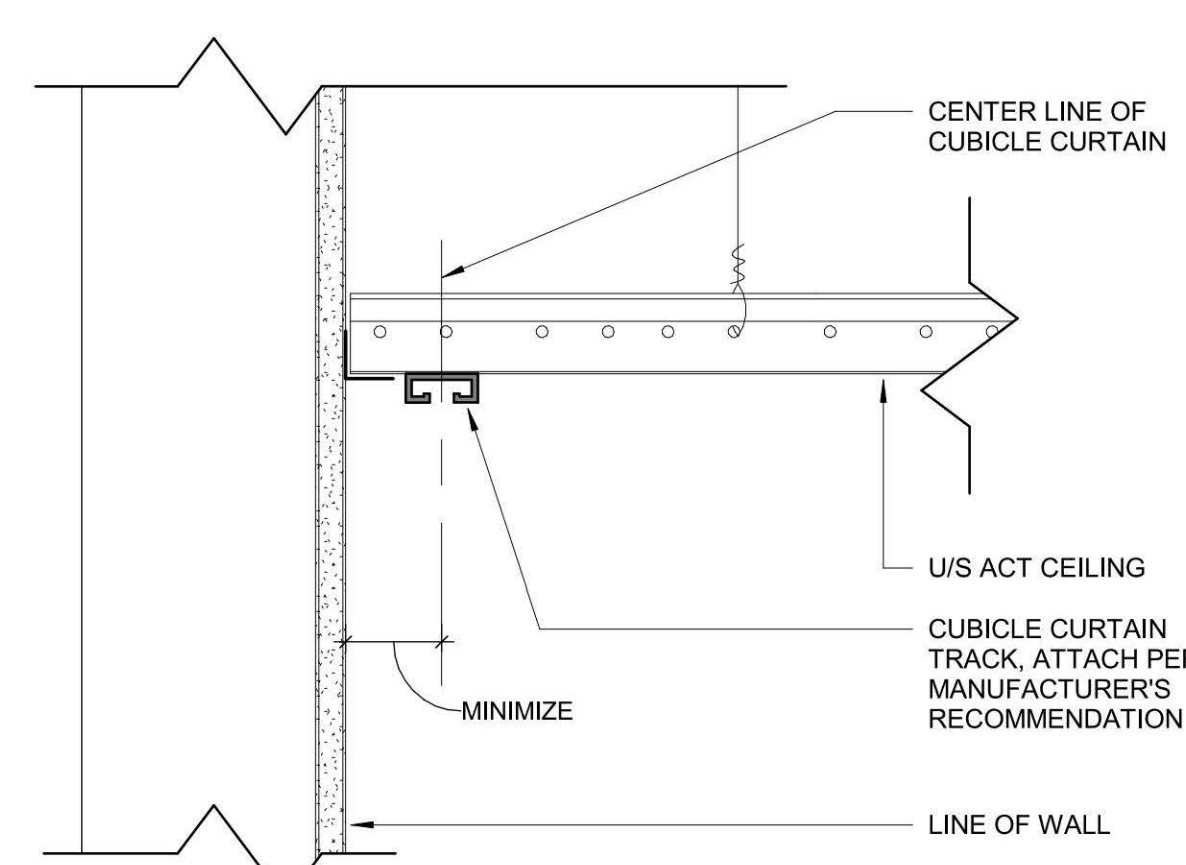
5 WALL MOUNT SECURITY CURTAIN BRACKET
A1502 Scale: 3" = 1'-0"



9 ACT CEILING MOUNTED CURTAIN NEAR BRACKET DETAIL
A1502 Scale: 3" = 1'-0"



6 SOFFIT FRAMING DETAIL
A1502 Scale: 1 1/2" = 1'-0"



10 TYPICAL ACT CEILING MOUNTED CURTAIN DETAIL
A1502 Scale: 3" = 1'-0"

GENERAL NOTES:

- 1 MATERIALS WHICH ARE IN SIMILAR LOCATIONS ARE NOT NOTED AT EVERY OCCURRENCE.
- 2 SEE FINISH FLOOR PLANS, REFLECTED CEILING PLANS, INTERIOR ELEVATIONS AND FINISH LEGEND FOR ADDITIONAL FINISH INFORMATION.
- 3 DOOR SWINGS SHOWN ON ELEVATIONS ARE FOR REFERENCE ONLY - SEE FLOOR PLANS.
- 4 SEE DOOR, FRAME AND RELITE SCHEDULE FOR H.M. DOOR AND FRAME FINISHES.
- 5 ALL NEW WALLS NOT LABELED OR ELEVATED TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
- 6 MECHANICAL GRILLES AND ACCESS PANELS IN WALLS SHALL MATCH THE COLOR OF ADJACENT WALL WHERE LOCATED, UNLESS NOTED OTHERWISE.
- 7 PROVIDE BACKING AT WALL MOUNTED ITEMS.
- 8 MATCH MOUNTING HEIGHTS OF EXISTING ITEMS TO BE REINSTALLED, UNLESS NOTED OTHERWISE.

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1	BID & PERMIT SET		05-04-2020

CONSULTANTS

SEAL



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PROJECT
**LOWRIE PRIMARY SCHOOL
SECURITY UPGRADES**
28995 SW Brown Rd
Wilsonville, OR 97070

PROJECT NO: 124743
WL BID PACK 19045.009
DRAWN BY: TK
CHECKED BY: JF
PROJECT MGR: TK
APPROVED BY: JF

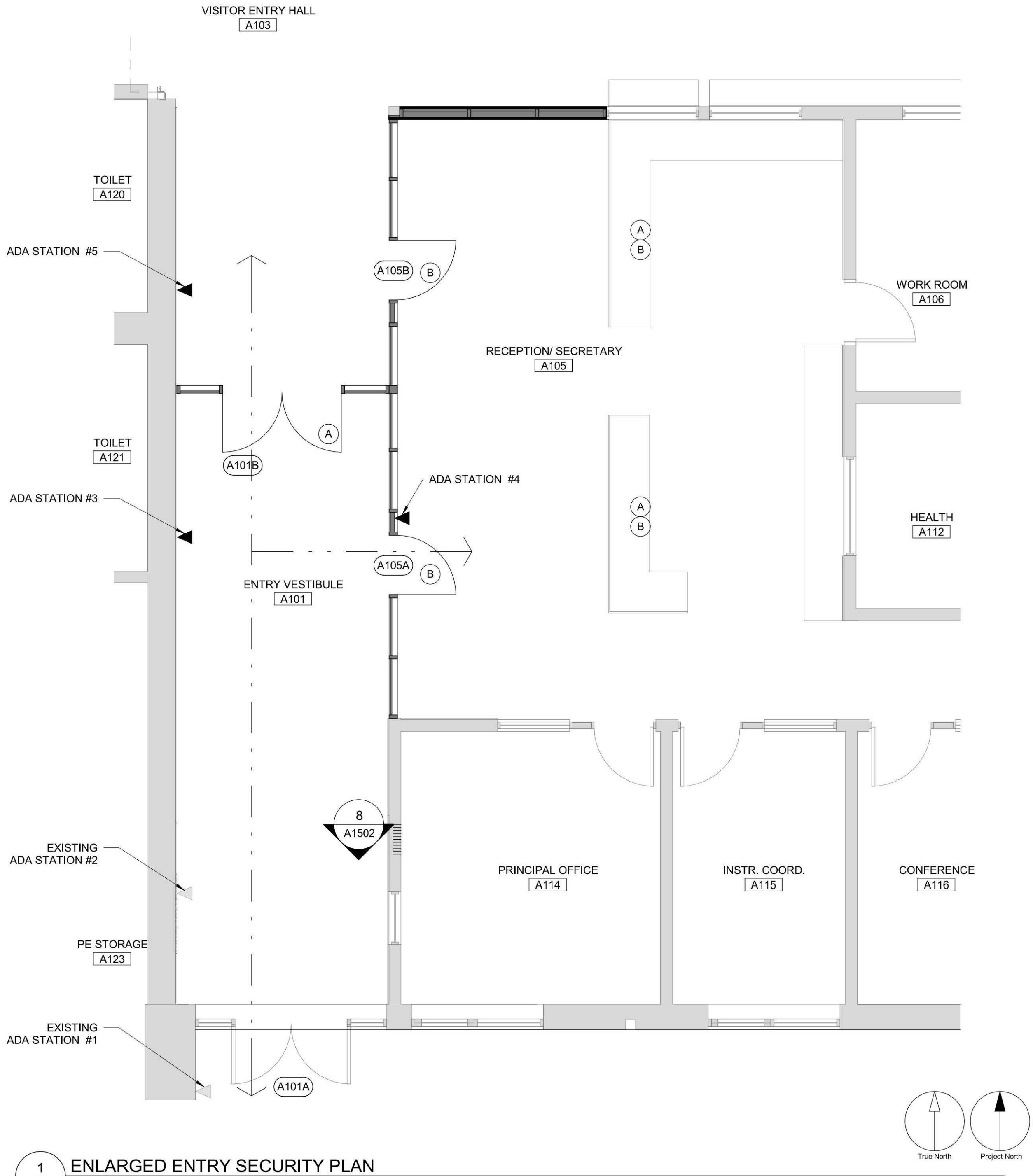
SHEET TITLE
**INTERIOR ELEVATIONS &
DETAILS**

SHEET NUMBER
A1502
ISSUE

EXISTING DOOR SCHEDULE					
No.	Door Type	Frame Type	Fire Rating (minutes)	Hardware	REMARKS
LEVEL 01					
A133A	(E)	(E)	--	SHELTER	1.
B101A	(E)	(E)	--	SHELTER	1.
B102A	(E)	(E)	--	SHELTER	1.
B103A	(E)	(E)	--	SHELTER	1.
B104A	(E)	(E)	--	SHELTER	1.
B105A	(E)	(E)	--	SHELTER	1.
B106A	(E)	(E)	--	SHELTER	1.
B107A	(E)	(E)	--	SHELTER	1.
B108A	(E)	(E)	--	SHELTER	1.
B109A	(E)	(E)	--	SHELTER	1.
B110A	(E)	(E)	--	SHELTER	1.
B113A	(E)	(E)	--	SHELTER	1.
B114A	(E)	(E)	--	SHELTER	1.
B118A	(E)	(E)	--	SHELTER+	1. REPLACE WITH NEW CLASSROOM LOCKSET
C101A	(E)	(E)	--	SHELTER	1.
C102A	(E)	(E)	--	SHELTER	1.
C103A	(E)	(E)	--	SHELTER	1.
C104A	(E)	(E)	--	SHELTER	1.
C105A	(E)	(E)	--	SHELTER	1.
LEVEL 02					
B201A	(E)	(E)	--	SHELTER	1.
B202A	(E)	(E)	--	SHELTER	1.
B203A	(E)	(E)	--	SHELTER	1.
B204A	(E)	(E)	--	SHELTER	1.
B205A	(E)	(E)	--	SHELTER	1.
B206A	(E)	(E)	--	SHELTER	1.
B207A	(E)	(E)	--	SHELTER	1.
B208A	(E)	(E)	--	SHELTER	1.
B209A	(E)	(E)	--	SHELTER	1.
B210A	(E)	(E)	--	SHELTER	1.
B213A	(E)	(E)	--	SHELTER	1.
B214A	(E)	(E)	--	SHELTER	1.

NOTES:
1. EXISTING DOOR AND FRAME TO REMAIN "AS IS" EXCEPT FOR NEW HARDWARE. SIZE SHOWN FOR FOR CLARITY ONLY.

NEW DOOR SCHEDULE																
No.	Location	Door							Relite	Frame			Fire Rating (minutes)	Hardware	Comments	
		Width	Pair	Height	Thickness	Type	Material	Finish		Type	Material	Finish				
LEVEL 01																
A105A	RECEPTION	3' - 0"	N	7' - 0"	0' - 1 3/4"	A	WD		YES	1	HM	P-3	NONE	##	ADA OPENER	
A105B	RECEPTION	3' - 0"	N	7' - 0"	0' - 1 3/4"	A	WD		YES	1	HM	P-3	NONE	##		
A101B	HALLWAY	6' - 0"	YES	7' - 0"	0' - 1 3/4"	A	WD		YES	1	HM	P-3	NONE	##	ADA OPENER, ONE LEAF	



SEQUENCING OF ADA BUTTONS AND DOORS		
#	LOCATION	DOORS
1	EXTERIOR	A101A and A105A
2	VESTIBULE	A101A
3	VESTIBULE	A101B and A105A
4	LOBBY/HALLWAY	A105B
5	HALL	A101B

SECURITY BUTTONS - LOCATED AT RECEPTION	
SECURITY BUTTON A	RELEASE OF A101B
SECURITY BUTTON B	RELEASE OF A105A, A105B

2 SECURITY KEY
A9201 Scale: 1/8" = 1'-0"

1 ENLARGED ENTRY SECURITY PLAN
A9201 Scale: 1/4" = 1'-0"

NOTES:
1. ALL SECURITY GLAZING TO EXTEND 7" A.F.G.
2. ALL STOREFRONT FRAME COLOR AND FINISH TO MATCH EXISTING
3. VERIFY IN FIELD ALL ROUGH OPENINGS.

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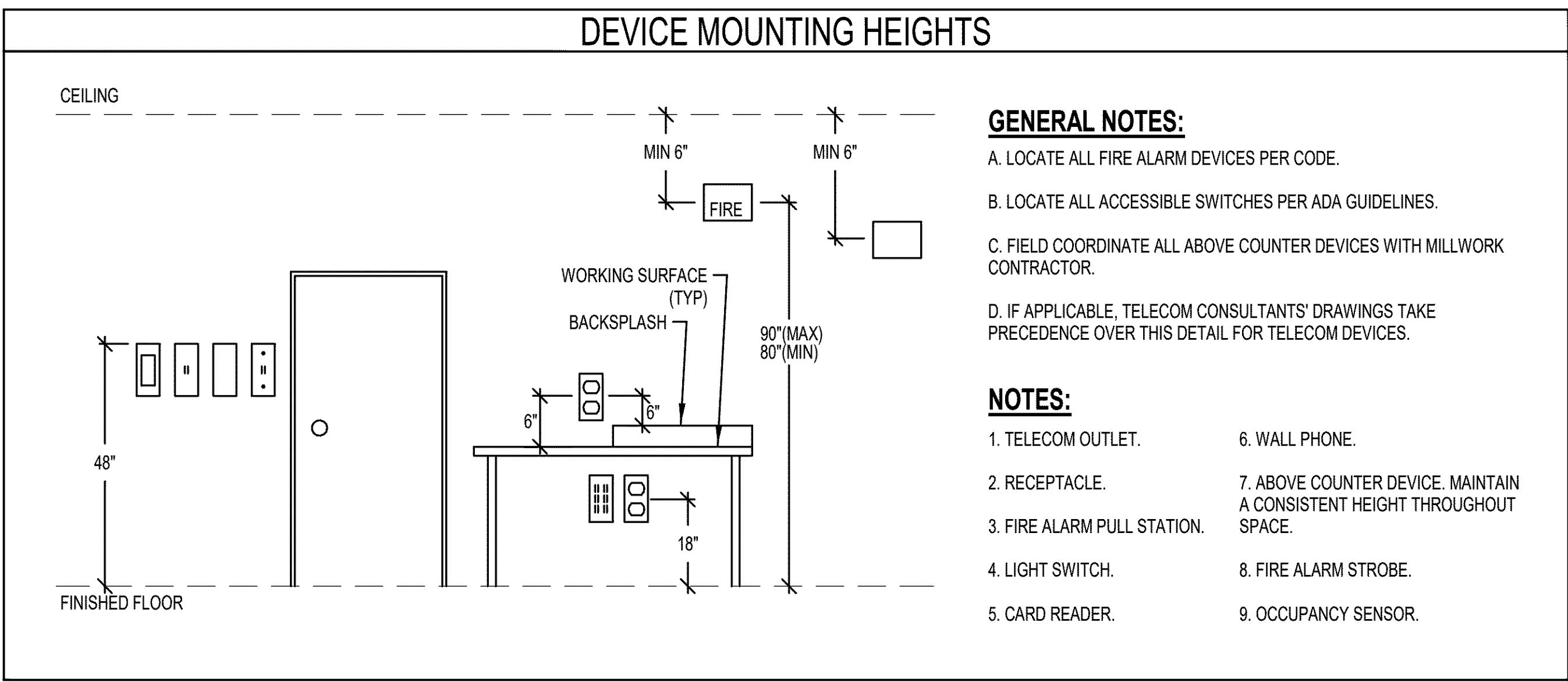
REGISTERED ARCHITECT
4346
JAMES M. FITZPATRICK
Portland, OR 97205, USA
Date: 2020.05.04
13-07'00"

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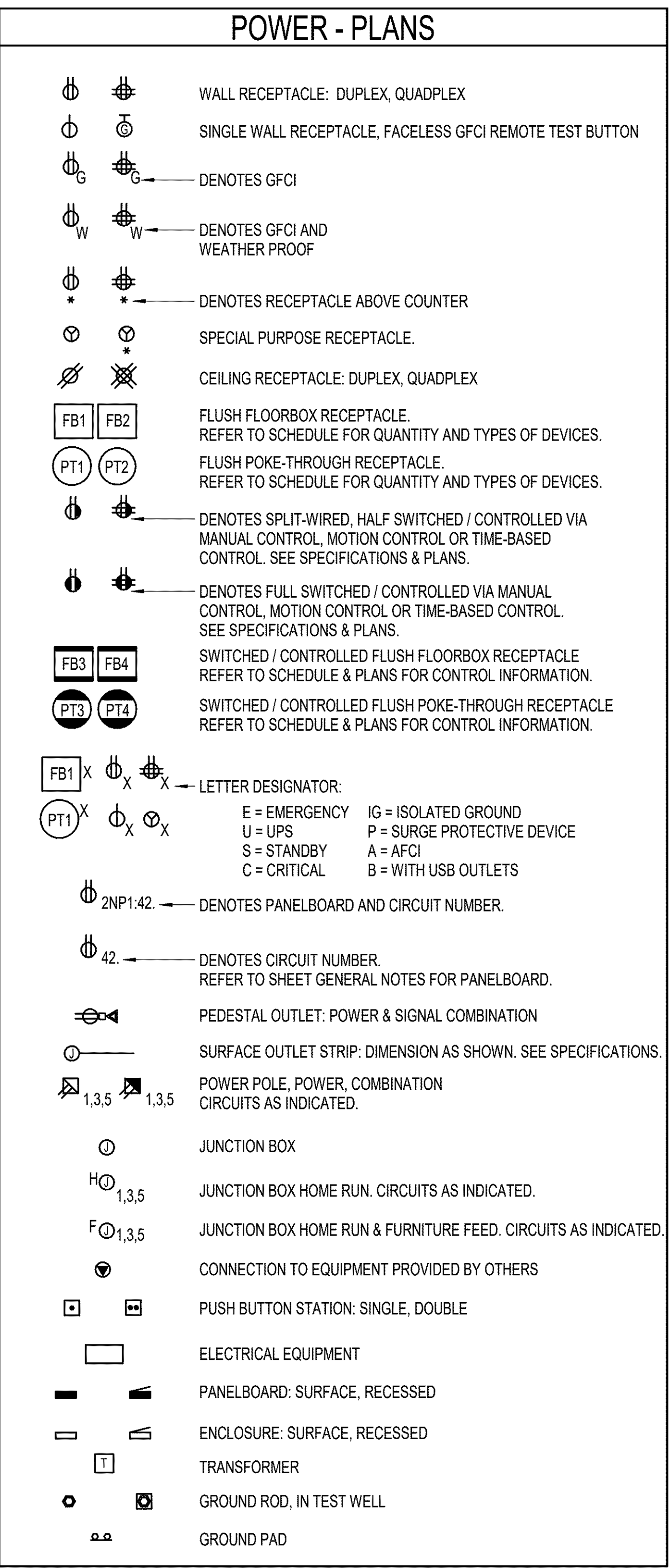
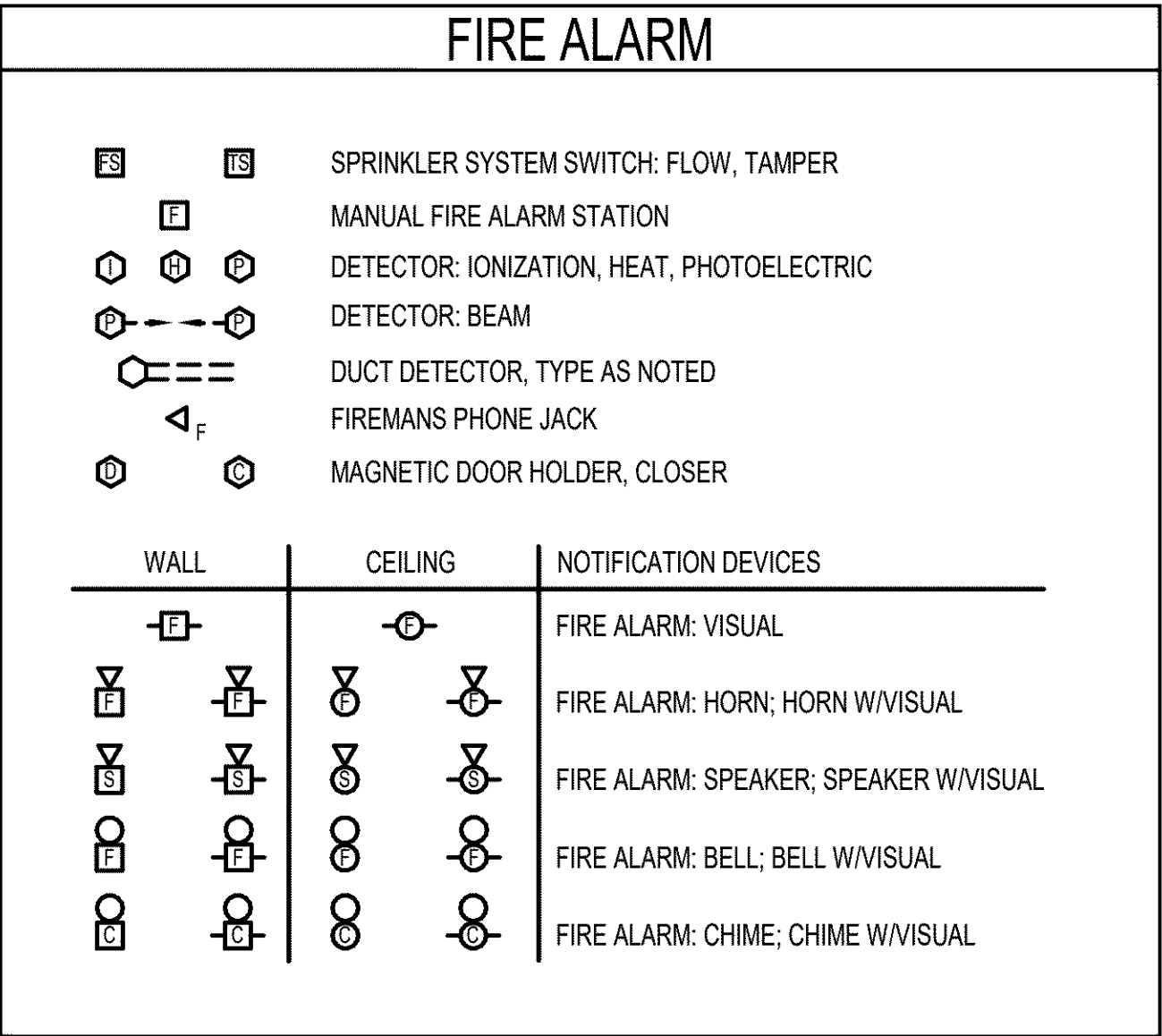
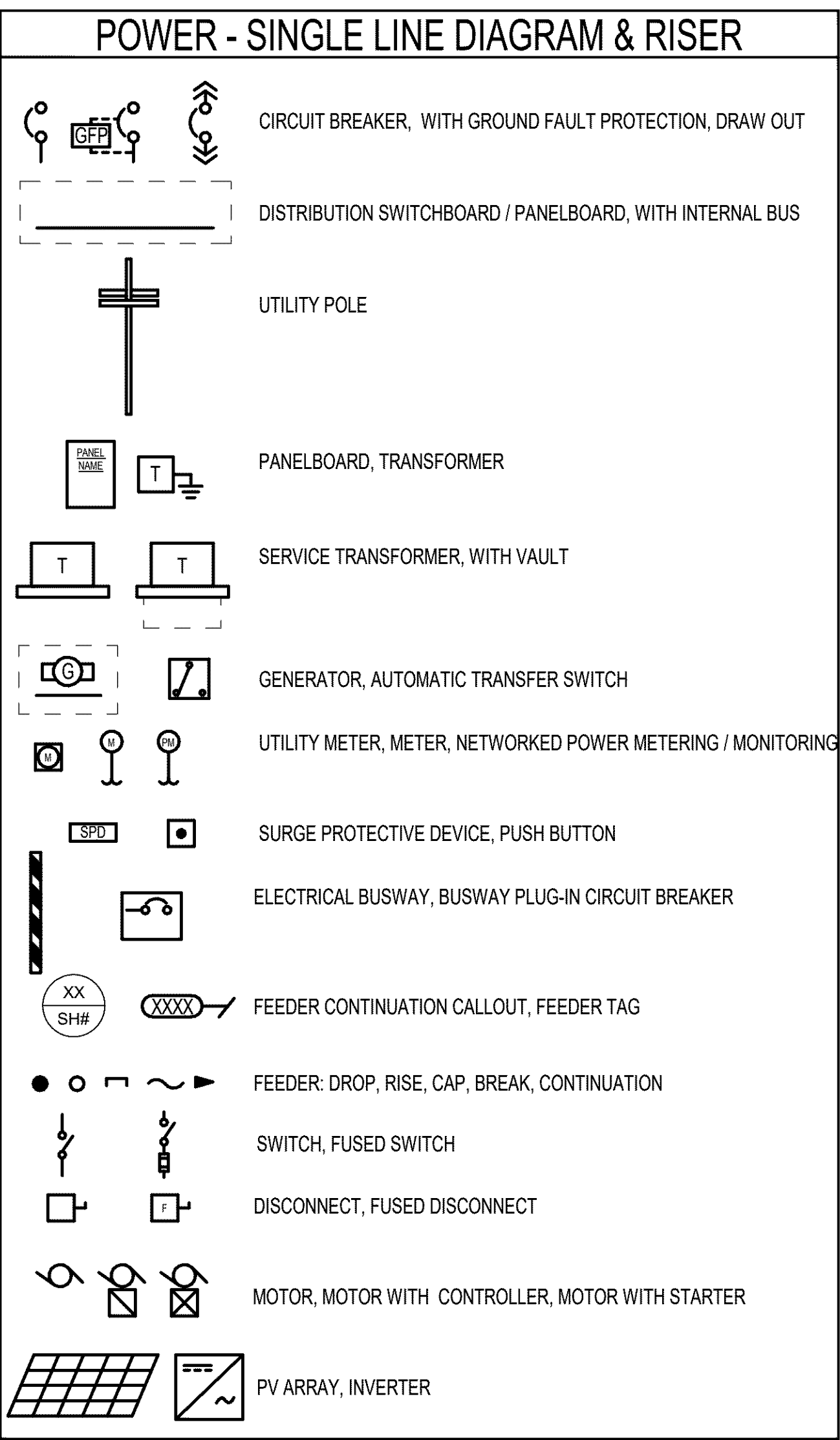
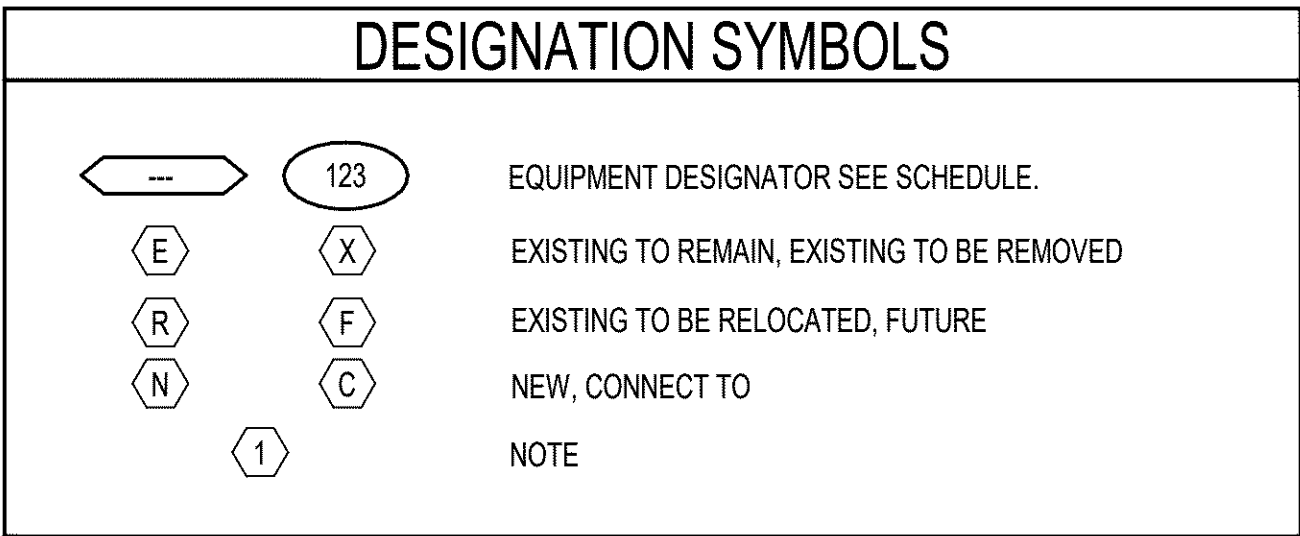
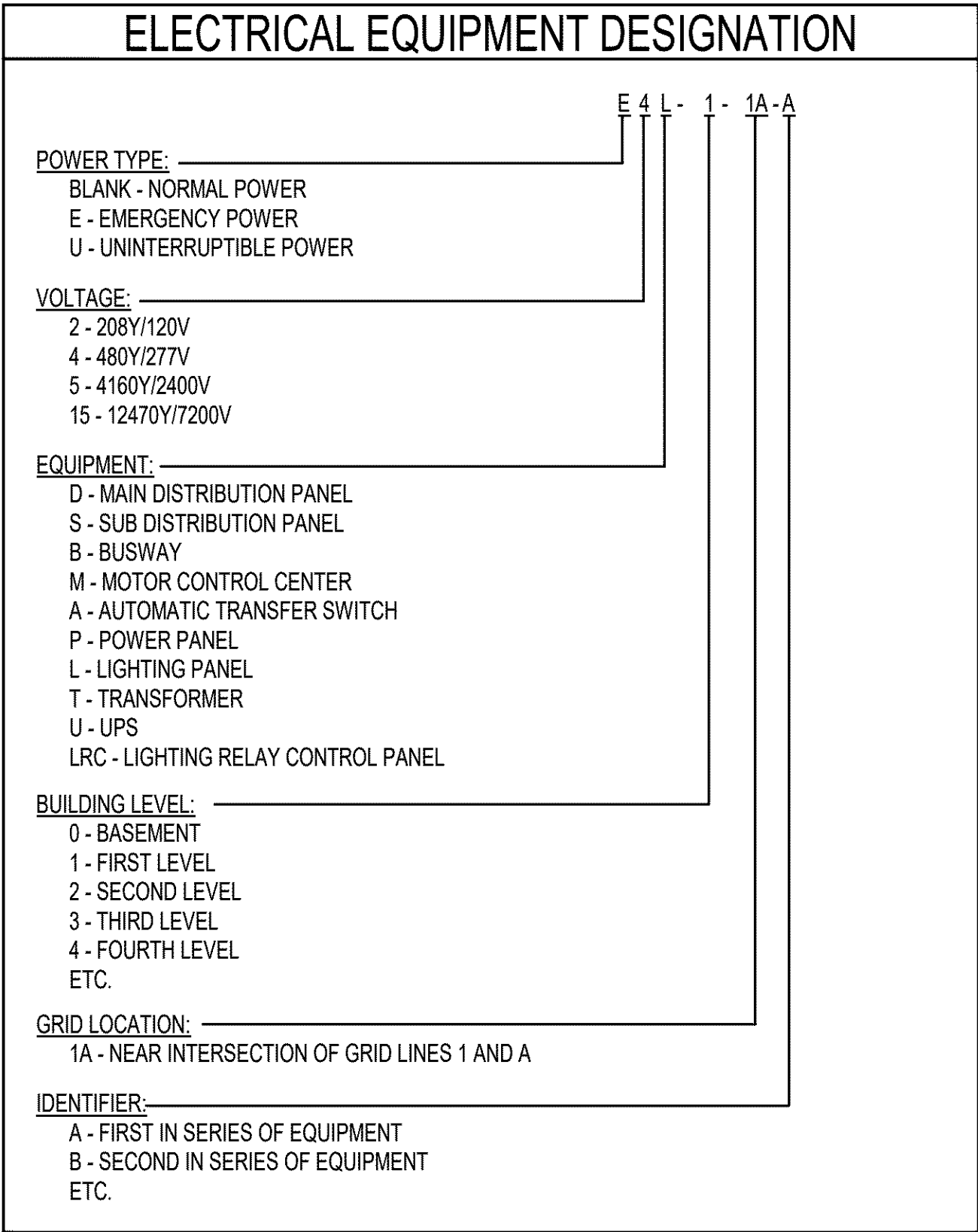
PROJECT
LOWRIE PRIMARY SCHOOL
SECURITY UPGRADES
28995 SW Brown Rd
Wilsonville, OR 97070

PROJECT NO: 124743 WL BID PACK 19045.009
DRAWN BY: TK CHECKED BY: JF
PROJECT MGR: TK APPROVED BY: JF
SHEET TITLE
DOOR SCHEDULE, TYPES & SECURITY PLAN

SHEET NUMBER
A9201
ISSUE

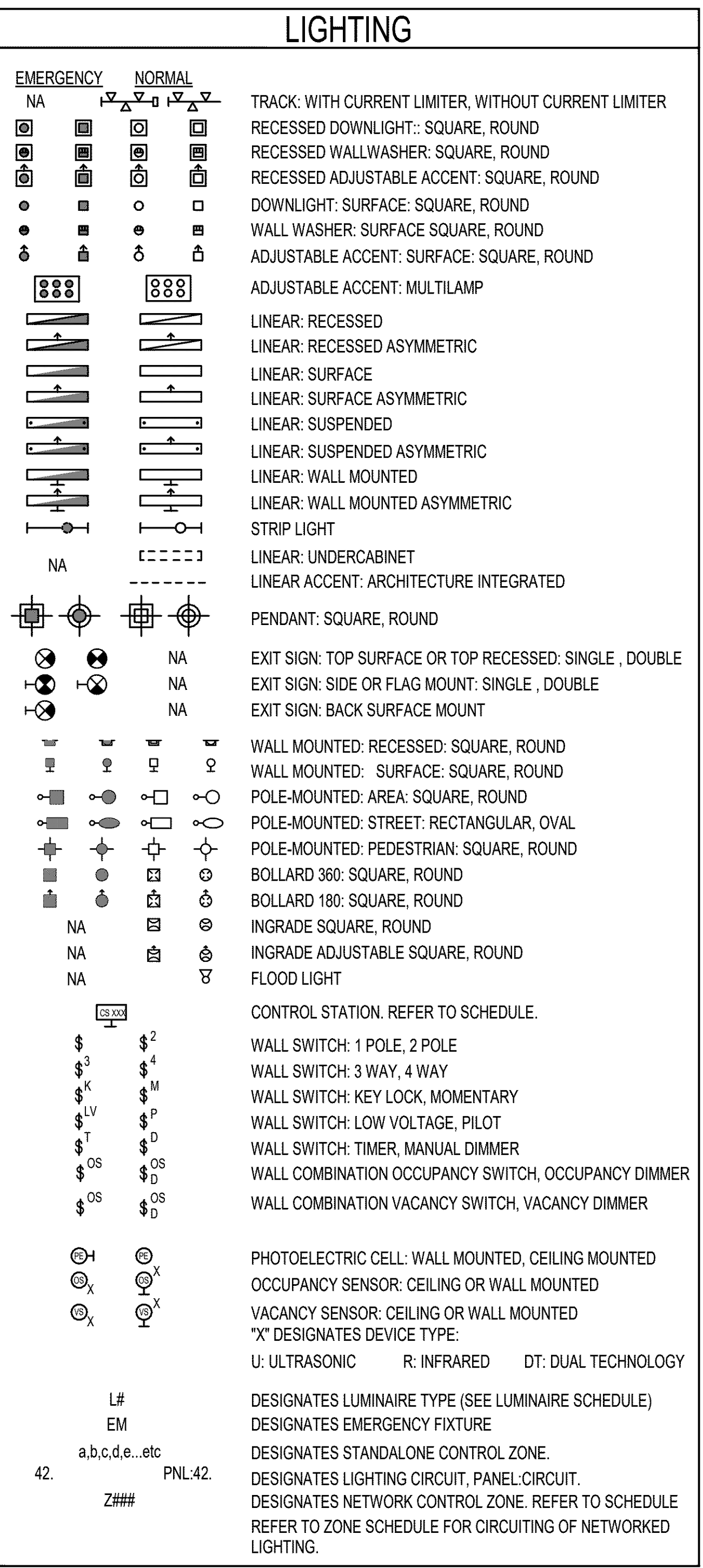


ABBREVIATIONS - ELECTRICAL			
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT-AMPERE
ADA	AMERICANS DISABILITIES ACT	KVAR	KILOVOLT-AMPERE REACTIVE
A	AMPERE (AMP)	LA	LIGHTNING ARRESTOR
AL	ALUMINUM	LED	LIGHT EMITTING DIODE
ARCH	ARCHITECT / ARCHITECTURAL	LRC	LIGHTING RELAY CONTROL PANEL
ATS	AUTOMATIC TRANSFER SWITCH	LTG	LIGHTING
AWG	AMERICAN WIRE GAUGE	LV	LOW VOLTAGE
C	CONDUIT	MATV	MASTER ANTENNA TELEVISION
CAT	CATEGORY CABLE	MAX	MAXIMUM
CB	CIRCUIT BREAKER	MCA	MINIMUM CIRCUIT AMPACITY
CCTV	CLOSED CIRCUIT TELEVISION	MCB	MAIN CIRCUIT BREAKER
CKT	CIRCUIT	MCC	MOTOR CONTROL CENTER
CLG	CEILING	MDP	MAIN DISTRIBUTION PANEL
CT	CURRENT TRANSFORMER	MECH	MECHANICAL
CU	COPPER	MH	METAL HALIDE
DN	DOWN	MIN	MINIMUM
EM	EMERGENCY	MLO	MAIN LUGS ONLY
EMT	ELECTRICAL METALLIC TUBING	MOC	MAXIMUM OVERCURRENT PROTECTION
EP	EXPLOSION PROOF	MTS	MANUAL TRANSFER SWITCH
EPO	EMERGENCY POWER OFF	MV	MEDIUM VOLTAGE
EW	ELECTRIC WATER COOLER	NIC	NOT IN CONTRACT
FA	FIRE ALARM	NL	NIGHT LIGHT CIRCUIT
FLA	FULL LOAD AMPS	PA	PUBLIC ADDRESS
FLUOR	FLUORESCENT	PE	PHOTOELECTRIC CELL
FCIC	FURNISHED BY CONTRACTOR	PF	POWER FACTOR
	INSTALLED BY CONTRACTOR	PNL	PANELBOARD
FOIC	FURNISHED BY OWNER	PVC	POLYVINYL CHLORIDE
	INSTALLED BY CONTRACTOR	PWR	POWER
FOIO	FURNISHED BY OWNER	SDP	SUB-DISTRIBUTION PANEL
	INSTALLED BY OWNER	STR	STARTER
GEN	GENERATOR	SV	SOLENOID VALVE
GFP	GROUND FAULT PROTECTION	SW	SWITCH
GFI	GROUND FAULT INDICATOR	TD	TIME DELAY
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TP	TAMPERPROOF
GRC	GALVANIZED RIGID CONDUIT	TTB	TELEPHONE TERMINAL BOARD
GRD	GROUND	TTT	TELEPHONE TERMINAL CABINET
HP	HORSEPOWER	TV	TELEVISION
HPS	HIGH PRESSURE SODIUM	TYP	TYPICAL
HV	HIGH VOLTAGE	UG	UNDERGROUND
HZ	HERTZ	UPS	UNINTERRUPTIBLE POWER SUPPLY
IG	ISOLATED GROUND	V	VOLTAGE
INC	INCANDESCENT	VA	VOLT-AMPERE
INV	INVERTER	VFD	VARIABLE FREQUENCY DRIVE
JB	JUNCTION BOX	VP	VAPORPROOF
KW	KILOWATT	W	WATTS
KWH	KILOWATT HOUR	WP	WEATHERPROOF
KV	KILOVOLT	XFMR	TRANSFORMER



GENERAL NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.



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ISSUES

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SEAL

05-01-2020

PROJECT

LOWRIE
SECURITY UPGRADES
28995 SW Brown Rd
Wilsonville, OR
97070

PROJECT NO:

124743

WL BID PACK 19045.009

DRAWN BY:

Author

CHECKED BY:

Checker

PROJECT MGR:

Designer

APPROVED BY:

Approver

SHEET TITLE

SYMBOLS, LEGENDS AND
ABBREVIATIONS -
ELECTRICAL

SHEET NUMBER

E0001

ISSUE

A. GENERAL NOTE A.

B. GENERAL NOTE B.

C. GENERAL NOTE C.

1. KEYNOTE 1.
2. KEYNOTE 2.
3. KEYNOTE 3.

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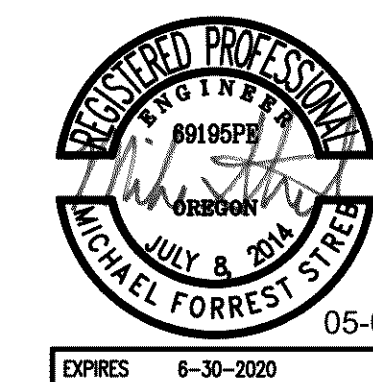
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CONSULTANTS	
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SEAL



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PROJECT

**LOWRIE
SECURITY UPGRADES**

28995 SW Brown Rd
Wilsonville, OR
97070

PROJECT NO: 124743		WL BID PACK 19045.009
DRAWN BY: Author	CHECKED BY: Checker	
PROJECT MGR: Designer	APPROVED BY: Approver	

SHEET TITLE OVERALL FIRST FLOOR PLAN - ELECTRICAL

SHEET NUMBER E1101	ISSUE
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1 LEVEL 01 PLAN OVERALL - POWER
3/32" = 1'-0"

GENERAL NOTES:

A. MAINTAIN CONTINUITY OF EXISTING SYSTEMS
WITHIN DASHED BOUNDARY DURING REMOVAL OF
INTERIOR AND EXTERIOR WALLS.

B. PROVIDE CONDUIT AND CONDUCTORS AS
REQUIRED FOR DIVISION 28 SCOPE OF WORK. SEE
DIVISION 28 HARDWARE SPECIFICATIONS FOR
REQUIREMENTS.

C. EXISTING LIGHTING AND CONTROL TO REMAIN
UNLESS OTHERWISE NOTED ON LIGHTING DETAIL.

NOTES:

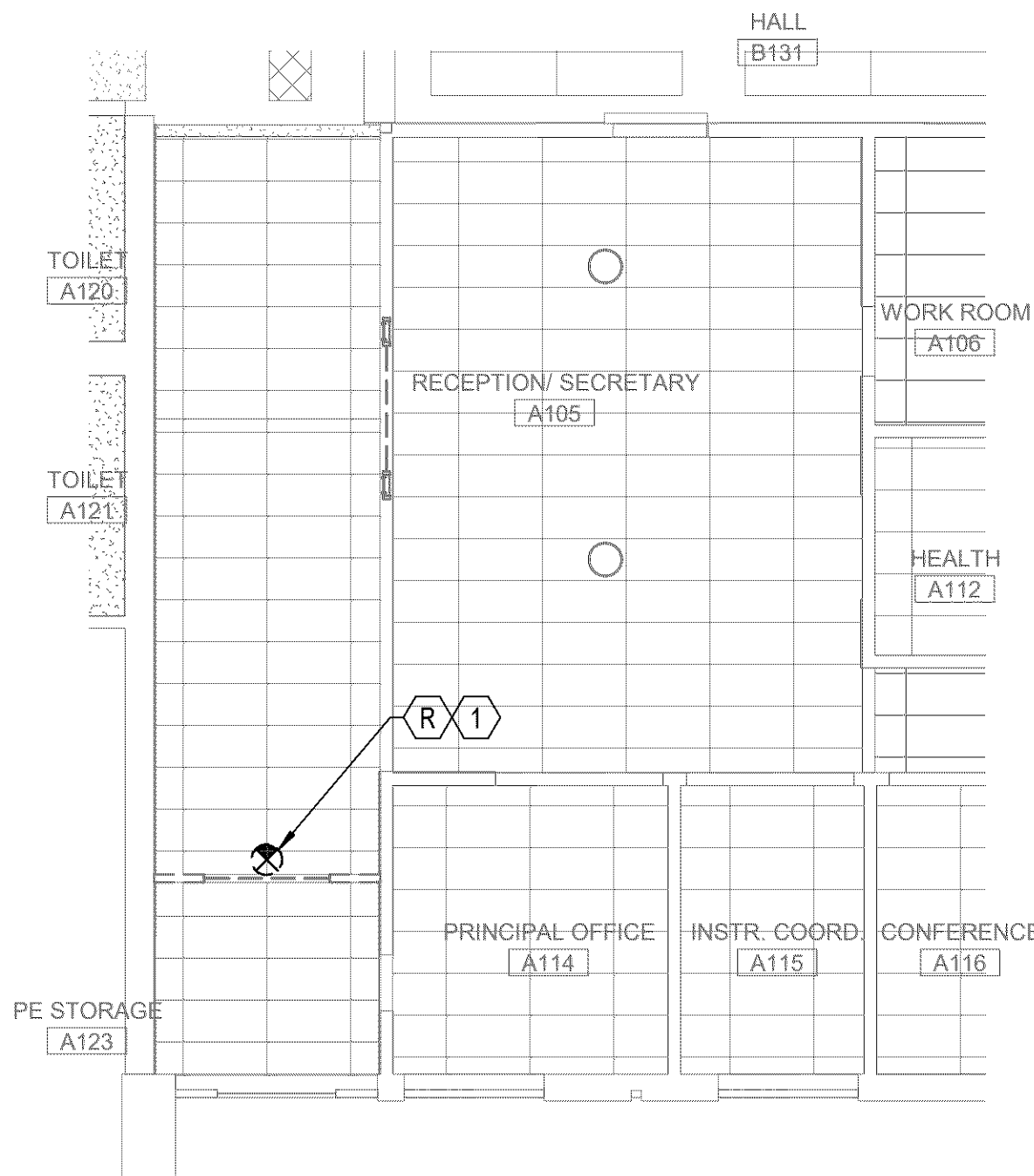
1. RELOCATE EXISTING DOOR OPERATOR POWER
CONNECTION, PUSH BUTTONS AND CONTROL TO
NEW LOCATION VIA ACCESSIBLE CEILING.

2. RELOCATE EXISTING EXIT SIGN AND CIRCUIT TO
NEW LOCATION VIA ACCESSIBLE CEILING.

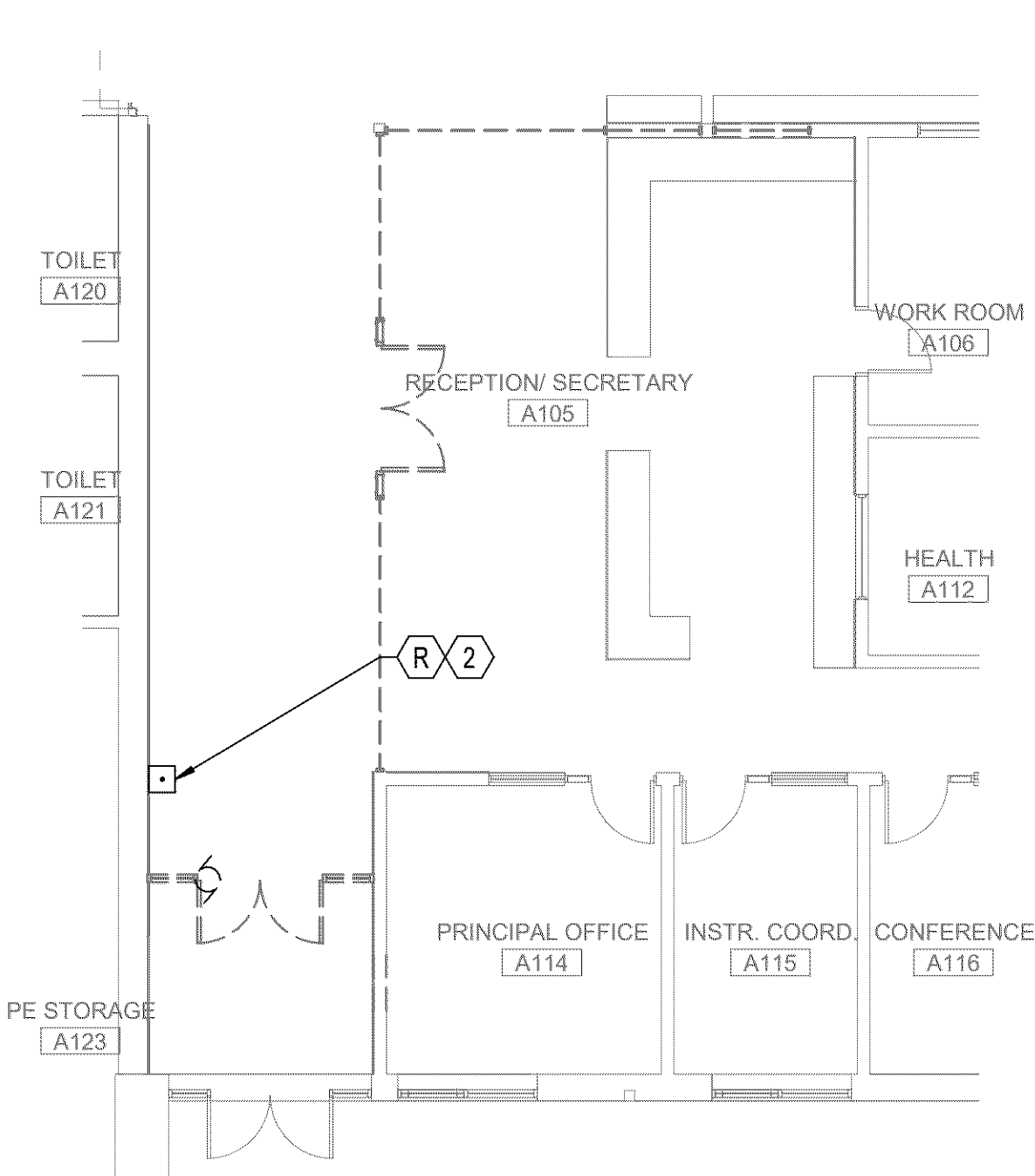
3. PROVIDE ADDITIONAL DOOR CONTROL PUSH
BUTTON.

4. PROVIDE 120V CONNECTIONS TO SECURITY
LOCKDOWN 'SHELTER' SYSTEM. REFERENCE DOOR
HARDWARE SPECIFICATION FOR MORE
INFORMATION. COORDINATE WITH SECURITY
SYSTEM INTEGRATOR FOR CONNECTION POINTS.

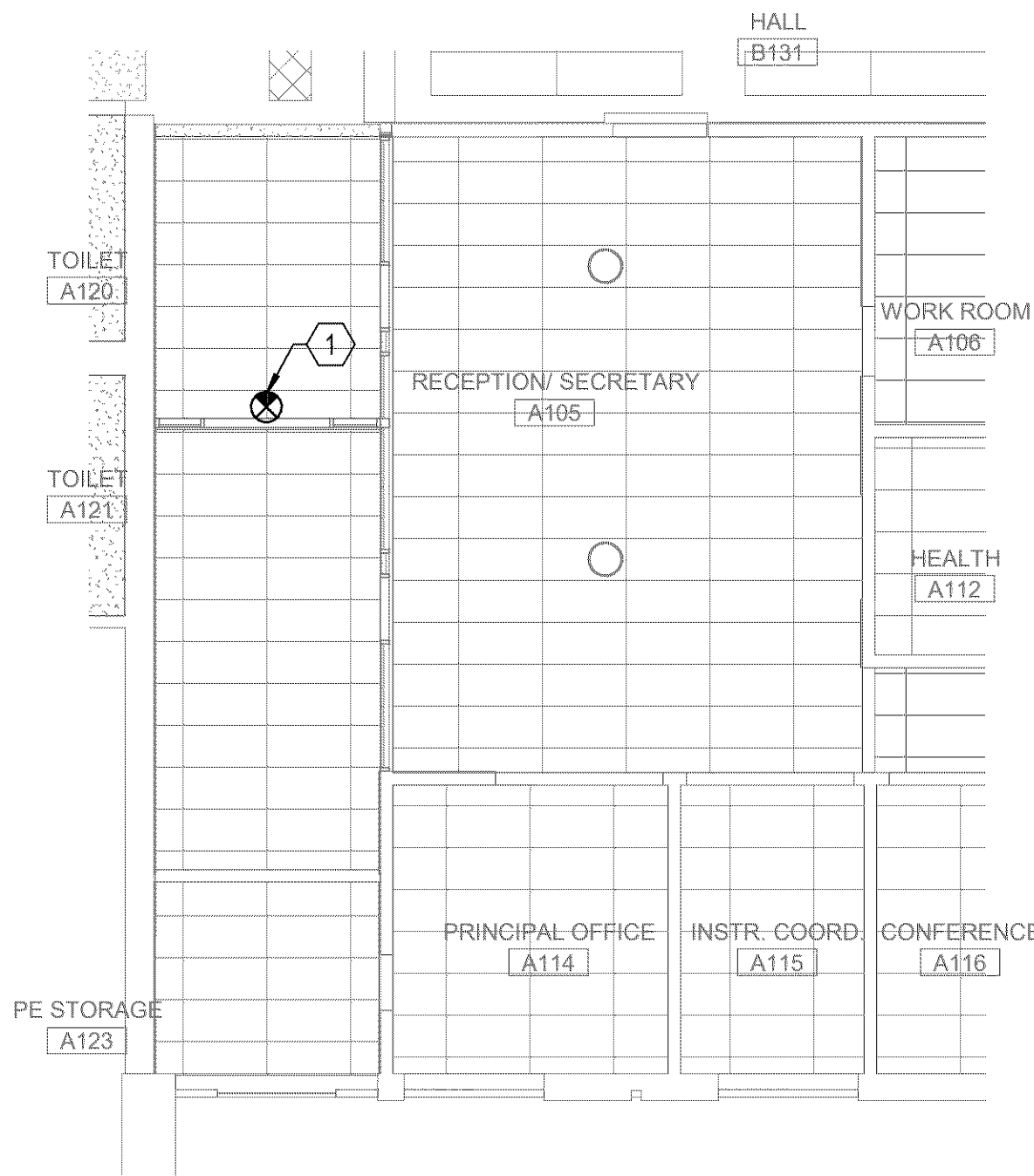
5. PROVIDE DOOR OPERATOR POWER CONNECTION,
PUSH BUTTONS AND CONTROL. CONNECT TO
EXISTING CIRCUIT SERVING RELOCATED DOOR
OPERATOR.



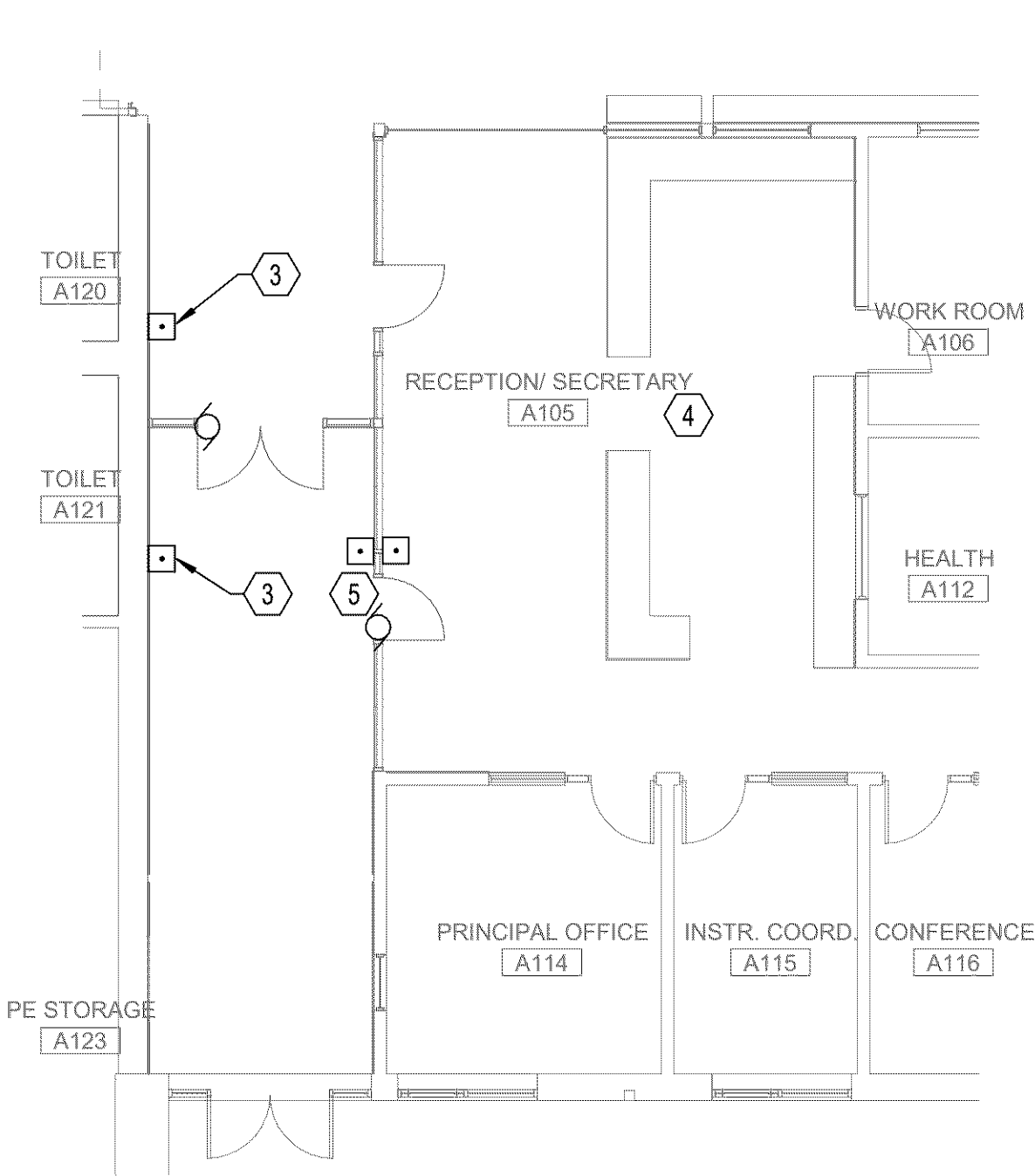
4 ENTRY RCP - DEMOLITION - LIGHTING
1/8" = 1'-0"



2 DEMO PLAN - ENTRY - POWER
1/8" = 1'-0"



3 ENTRY RCP - NEW CONSTRUCTION - LIGHTING
1/8" = 1'-0"



1 FLOOR PLAN - ENTRY - POWER
1/8" = 1'-0"

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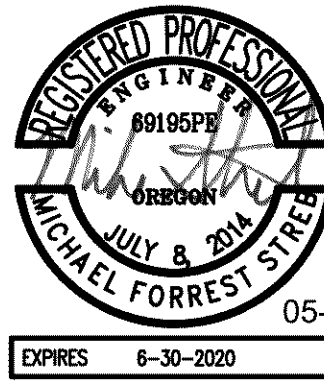
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CONSULTANTS



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PROJECT

LOWRIE
SECURITY UPGRADES
28995 SW Brown Rd
Wilsonville, OR
97070

PROJECT NO:

124743 WL BID PACK 19045.009

DRAWN BY:

Author CHECKED BY:

PROJECT MGR:

Designer APPROVED BY:

SHEET TITLE

ENTRY PLANS - ELECTRICAL

SHEET NUMBER

E1501

ISSUE

WEST LINN WILSONVILLE SCHOOL DISTRICT

LOWRIE PRIMARY SCHOOL

SAFETY & SECURITY GROUP 1A

WL BID PACK 19045.009

28995 SW Brown Rd
Wilsonville, OR 97070

PROJECT DESCRIPTION

THERE ARE THREE DISTINCT PORTIONS OF WORK, ALL RELATED TO UPGRADING STUDENT AND STAFF SAFETY:

1. REMODEL MAIN ENTRY AND RECEPTION AREA TO PROVIDE SECURE VESTIBULE AND CONTROLLED ENTRY SEQUENCE FOR VISITORS. THIS INCLUDES DOOR HARDWARE WITH LOW-VOLTAGE CONTROLS AND INSTALLATION OF IMPACT RESISTANT GLAZING.
2. INSTALLATION OF REMOTELY TRIGGERED LOCKDOWN DOOR HARDWARE AT SELECT DOORS, PRIMARILY AT CLASSROOM AND OTHER STUDENT-OCCUPIED ROOMS.
3. INSTALLATION OF OPAQUE CUBICLE CURTAINS AT INTERIOR WINDOWS OF CLASSROOM AND OTHER STUDENT-OCCUPIED ROOMS. THESE ARE TO BE MANUALLY DRAWN IN THE CASE OF AN INTRUDER.

SHEET INDEX

General	
G0000	COVER PAGE
Architecture	
G1101	CODE PLAN - EXITING
A1101	OVERALL FIRST FLOOR PLAN
A1102	OVERALL SECOND FLOOR PLAN
A1501	ENTRY PLANS, RCPS & FINISH PLAN
A1502	INTERIOR ELEVATIONS & DETAILS
A9201	DOOR SCHEDULE, TYPES & SECURITY PLAN
Mechanical	
M0001	SYMBOLS, LEGENDS AND ABBREVIATIONS - MECHANICAL
M1101	OVERALL FIRST FLOOR PLAN - MECHANICAL
M1501	ENTRY PLANS - MECHANICAL
Electrical	
E0001	SYMBOLS, LEGENDS AND ABBREVIATIONS - ELECTRICAL
E1101	OVERALL FIRST FLOOR PLAN - ELECTRICAL
E1501	ENTRY PLANS - ELECTRICAL
Technology	
TG0000	SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY
T1101	OVERALL FIRST FLOOR PLAN - TECHNOLOGY
T1501	ENTRY PLANS - TECHNOLOGY
T1601	DETAILS - TECHNOLOGY

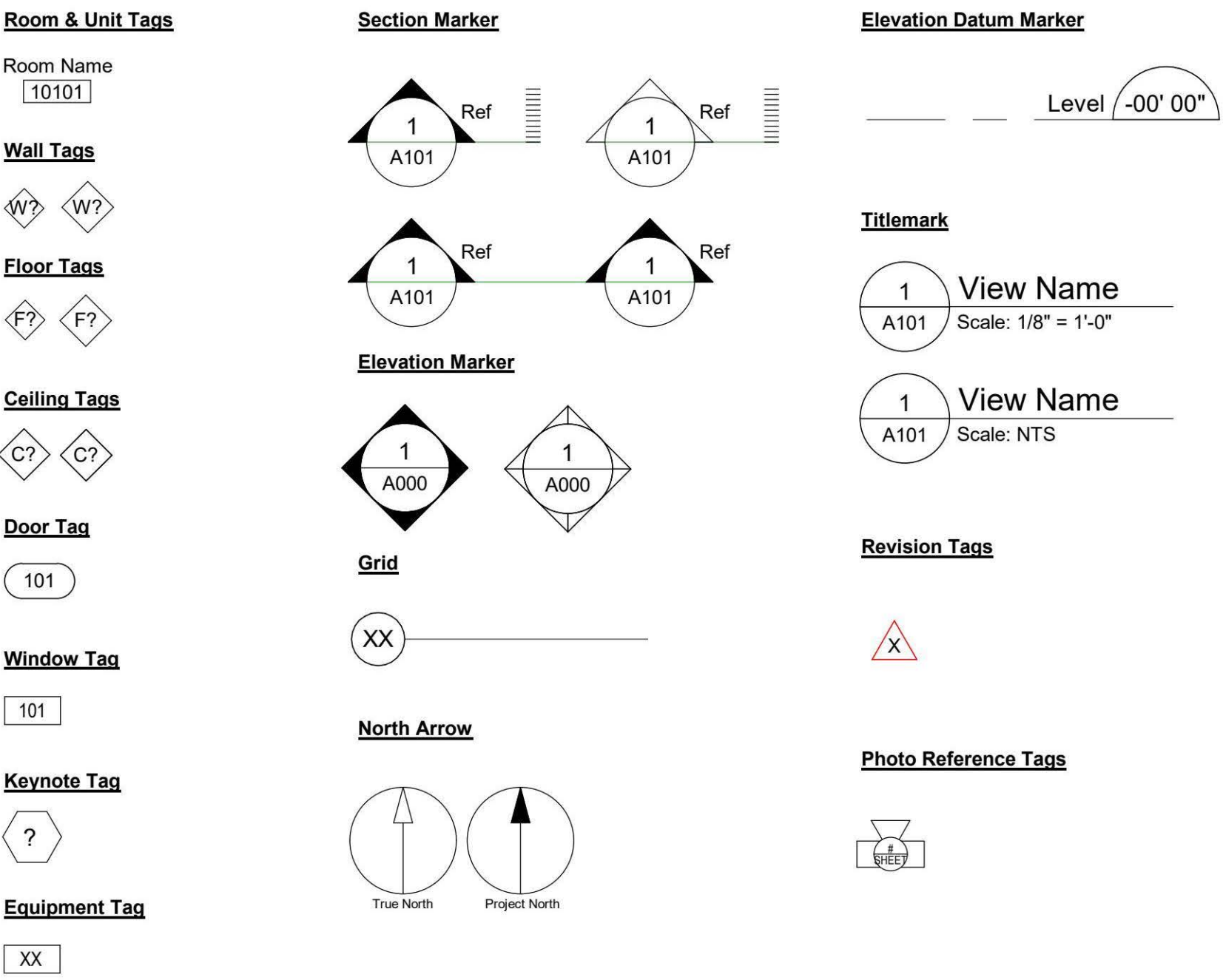
WEST LINN
WILSONVILLE SCHOOL
DISTRICT



2455 COUNTRY CLUB ROAD
LAKE OSWEGO, OR 97034

ISSUES		
No.	DESCRIPTION	DATE
1	BID & PERMIT SET	05-04-2020

LOWRIE PRIMARY SCHOOL
SAFETY & SECURITY GROUP 1B
WL BID PACK 19044.009
28995 SW Brown Road
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VICINITY MAP:



DELEGATED DESIGN

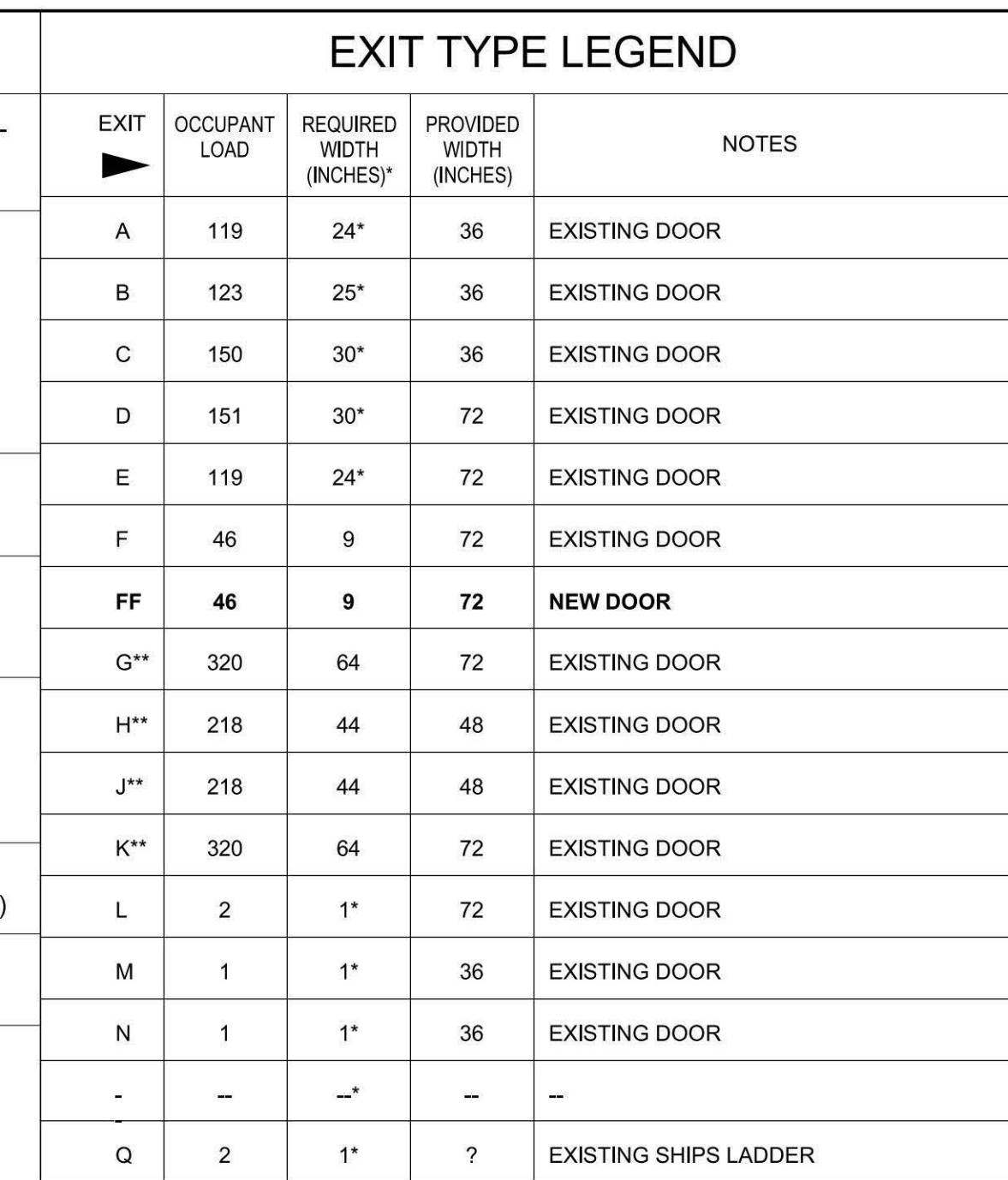
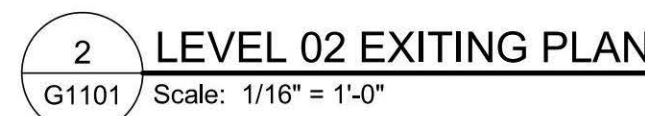
Delegated Design components include, but are not limited to the following:

1. Aluminum Storefront, Section 08 43 13 - Aluminum-Framed Storefronts.
2. Seismic Anchorage for Suspended Acoustical Ceilings, Section 09 51 00 - Suspended Acoustical Ceilings.

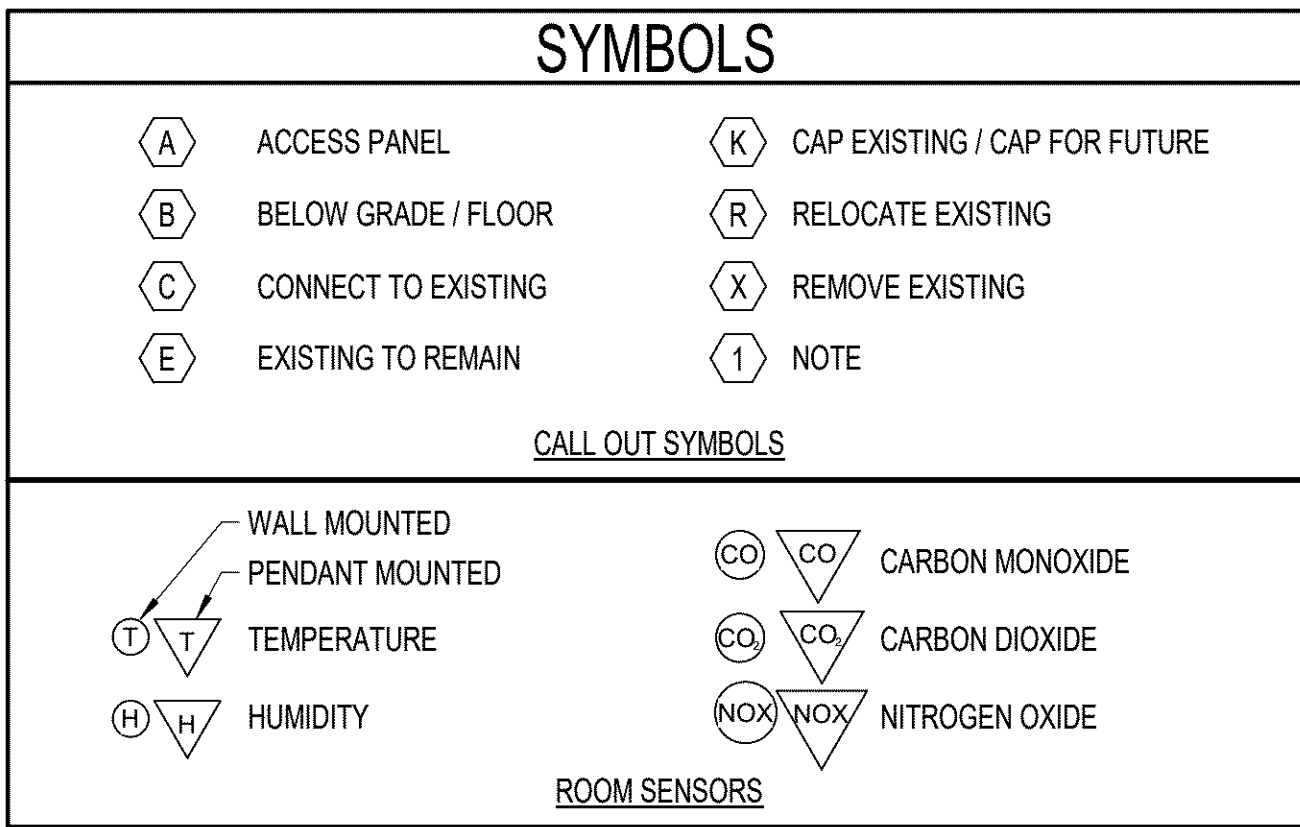
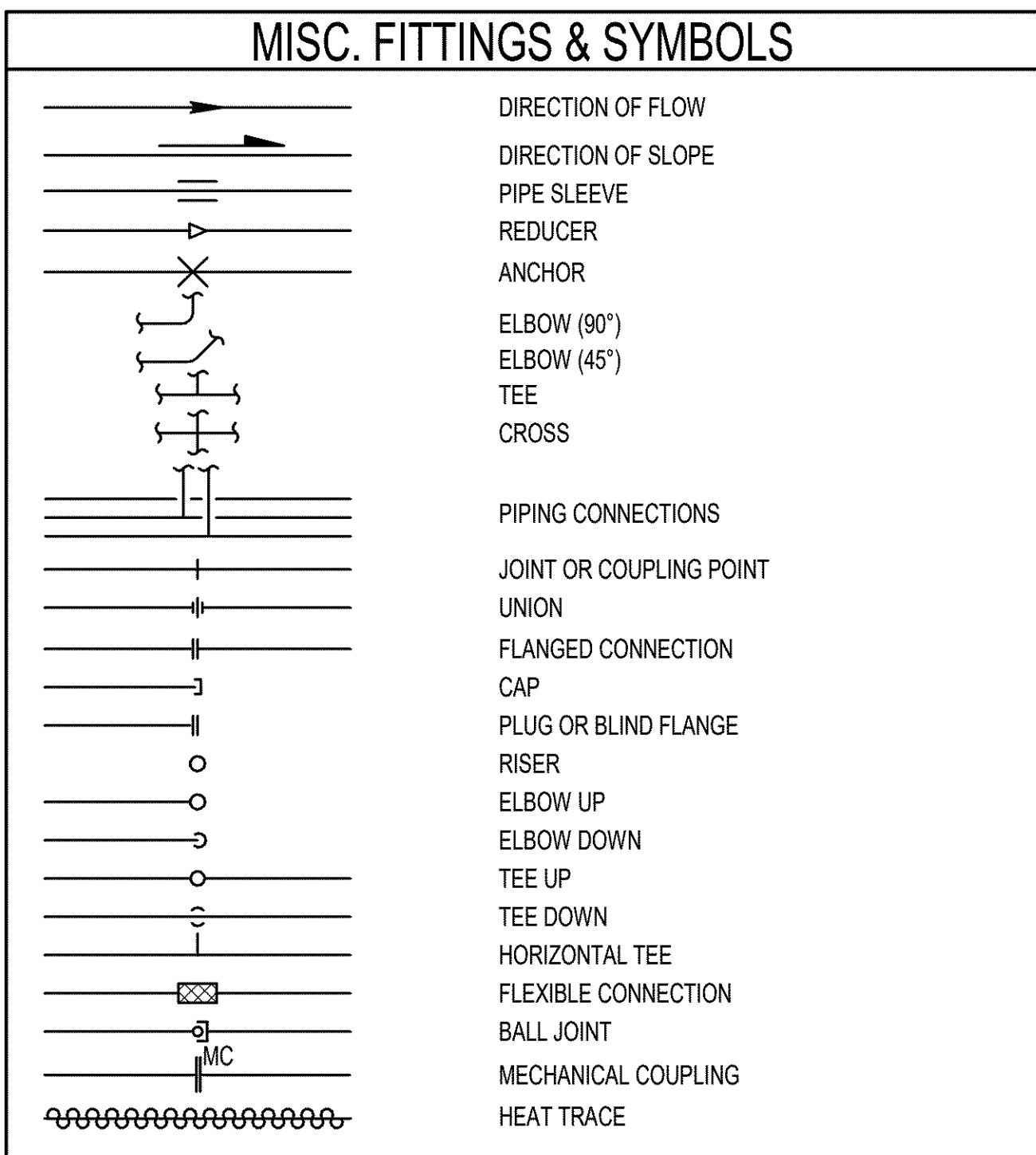
ARCHITECTURE	STRUCTURAL	MECHANICAL	ELECTRICAL	LOW VOLTAGE / SECURITY
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PRIME CONSULTANT	IBI GROUP 907 SW Harvey Milk Street Portland, OR 97205, USA tel 503 226 6950 fax 503 273 9192 ibigroup@ibigroup.com
PROJECT NO:	124743
DATE:	MAY 4, 2020
SHEET NUMBER	G0000

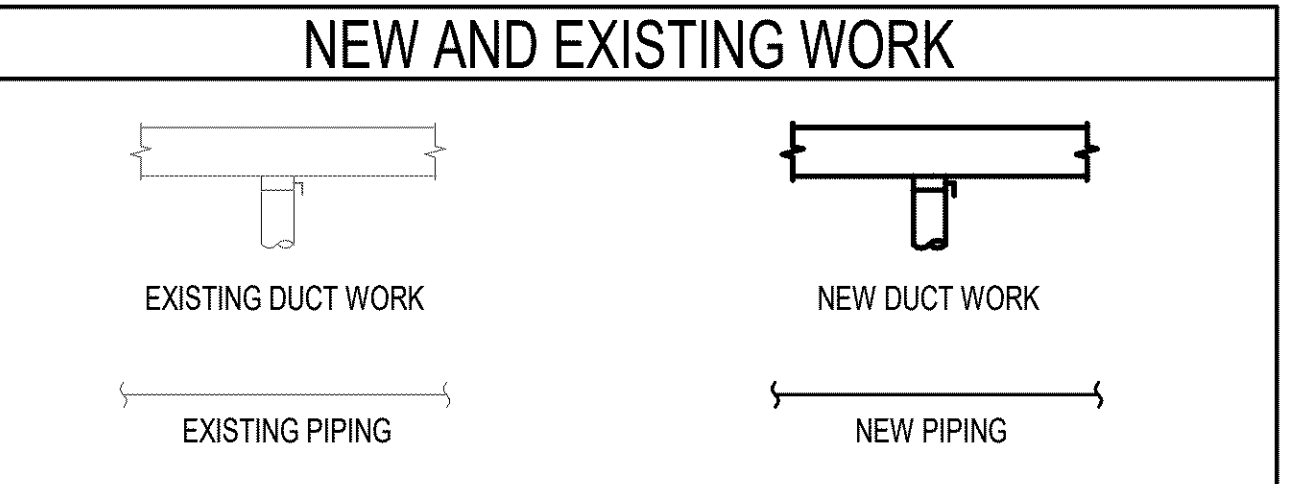
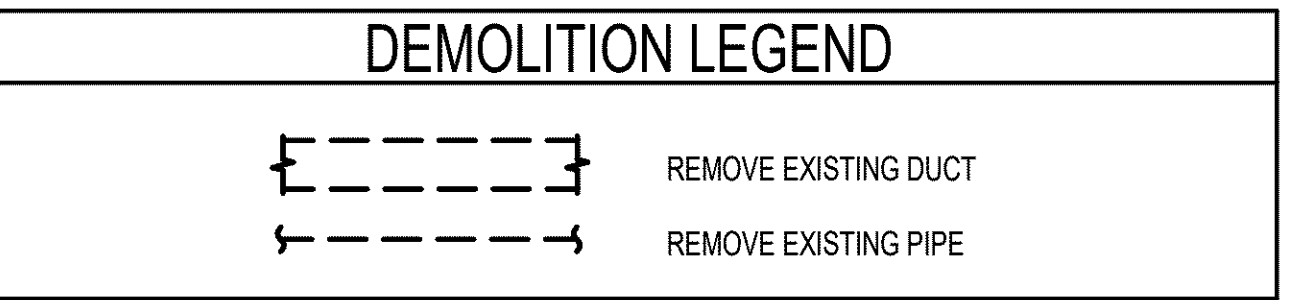
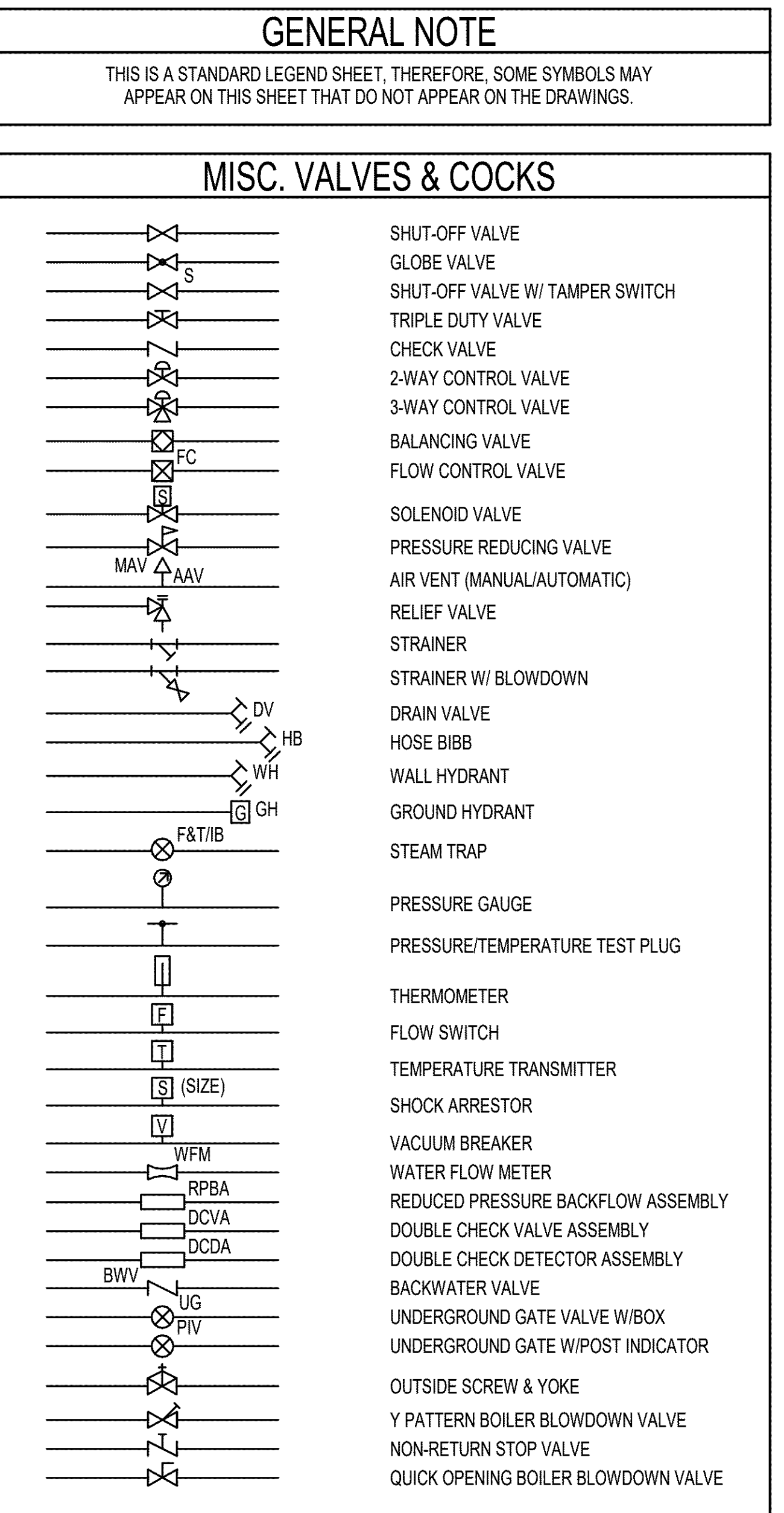
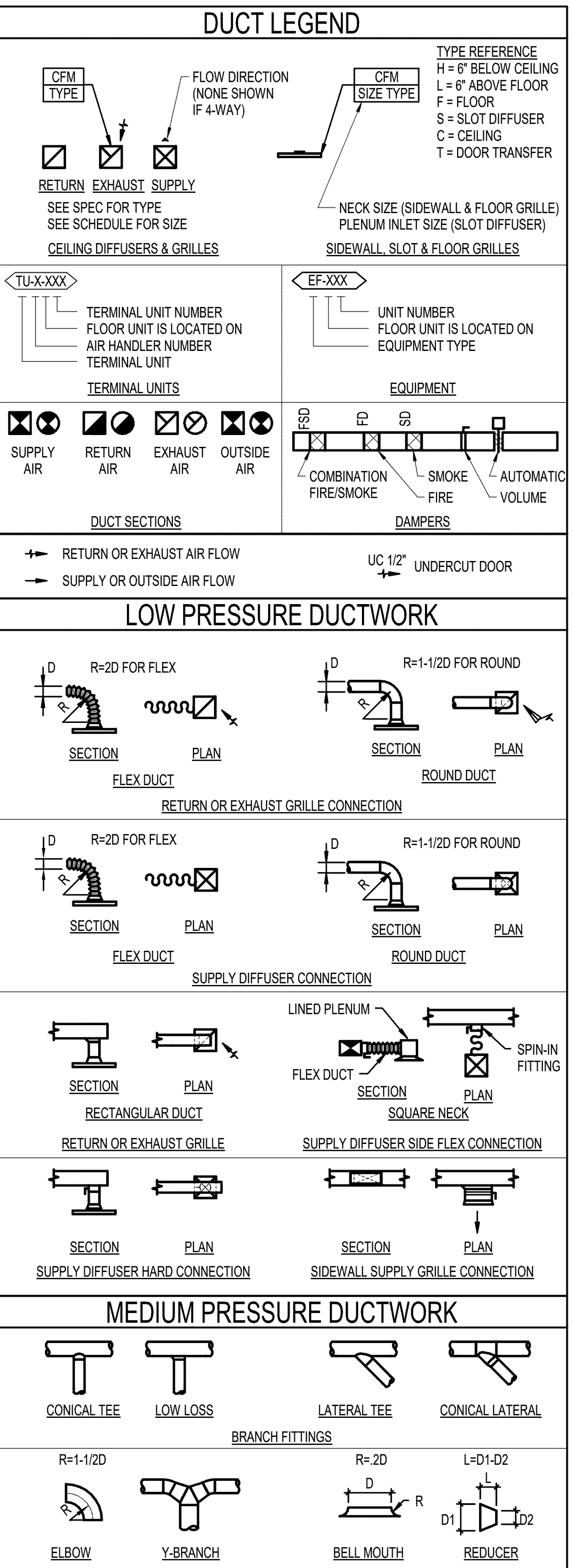
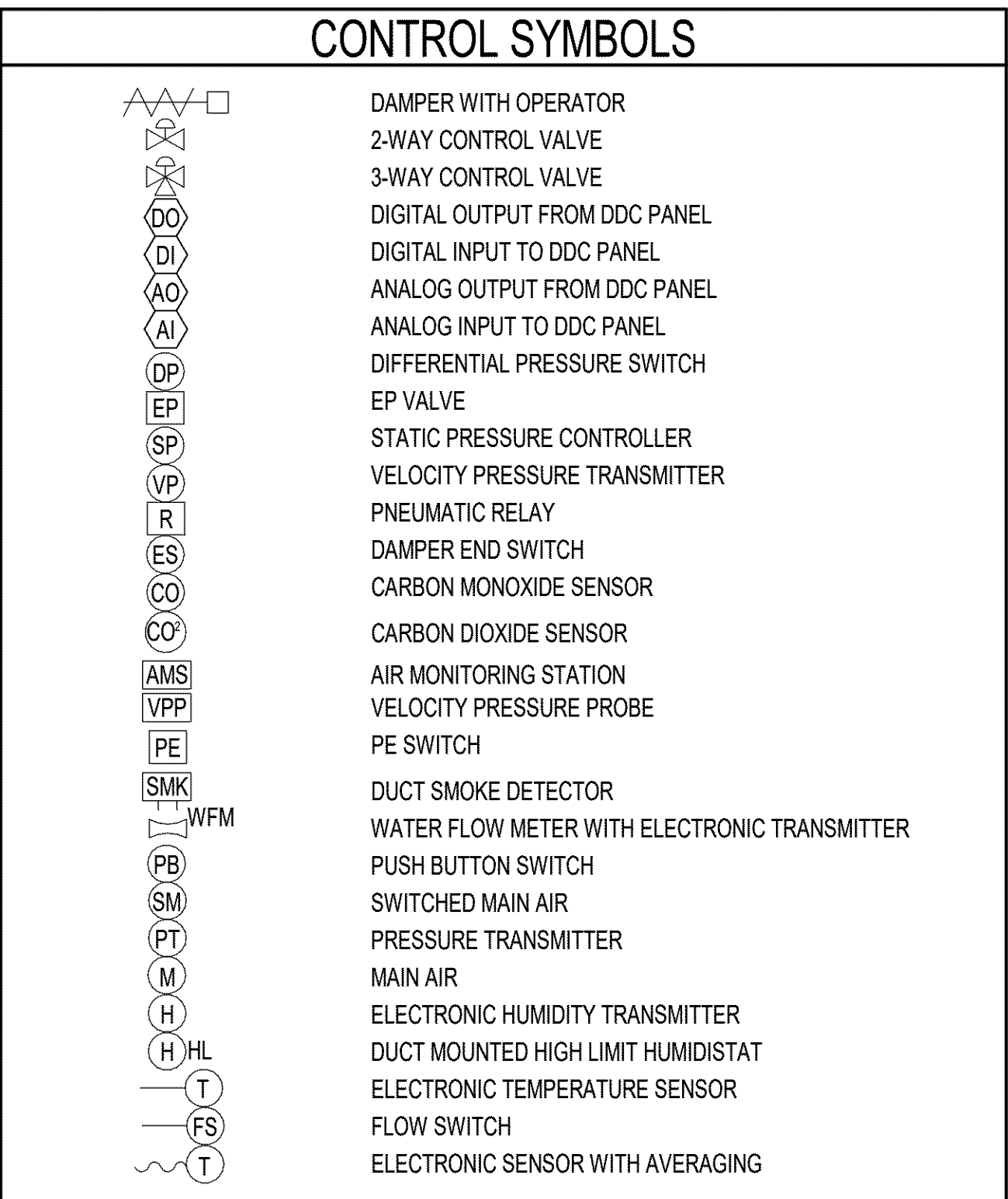
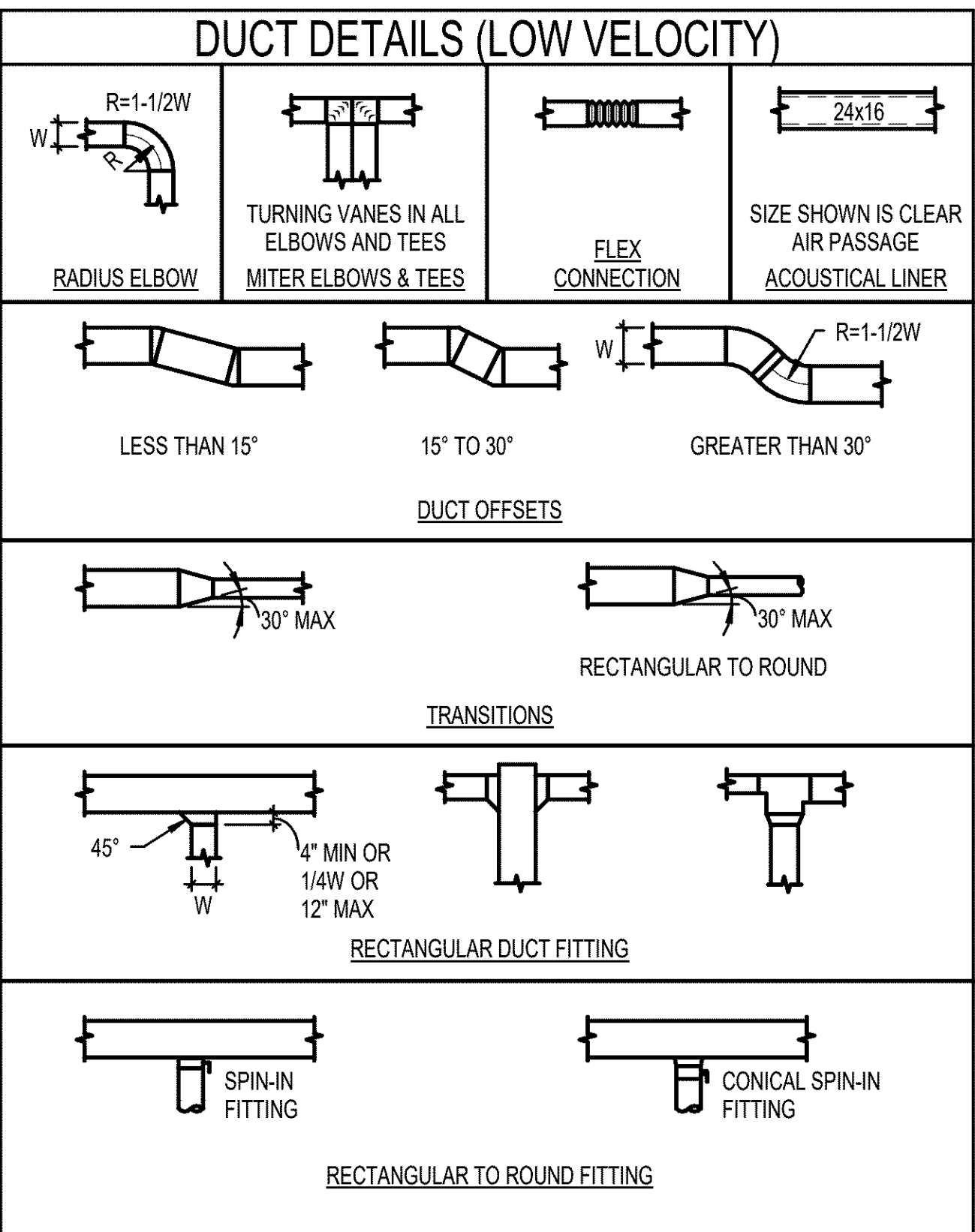
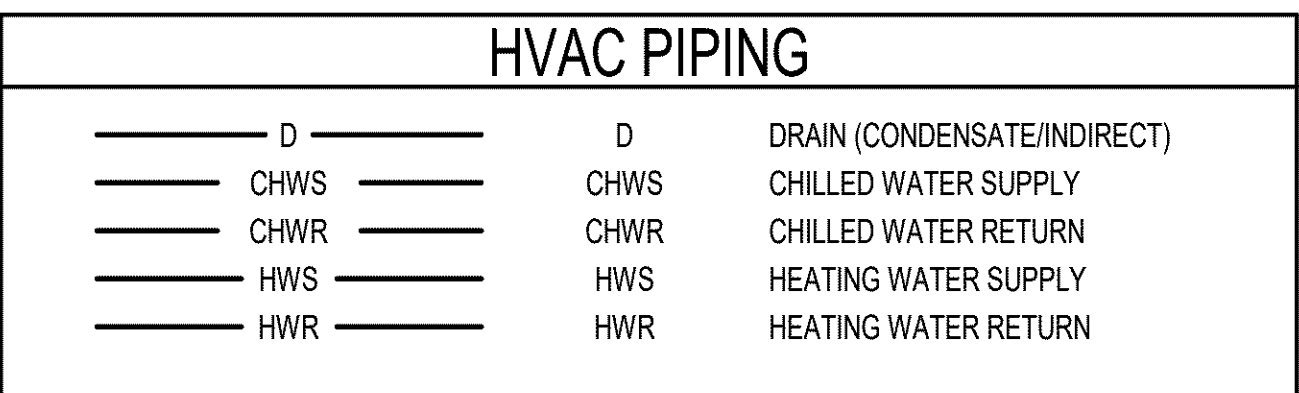
BID & PERMIT SET



EXIT STAIR / RAMP LEGEND				
STAIR (RAMP)	ASSUMED OCCUPANT LOAD	REQUIRED WIDTH (INCHES)*	PROVIDED WIDTH (INCHES-CLR)	NOTES
[1]	118	35"	60	44" MIN WIDTH PER OSSC 1009.1
[2]	116	35"	60	44" MIN WIDTH PER OSSC 1009.1
[3]	130	39"	60	44" MIN WIDTH PER OSSC 1009.1
[4]	127	38"	60	44" MIN WIDTH PER OSSC 1009.1
[5]	10	3"	61	38" MIN WIDTH PER OSSC 1009.1.1
[6]	10	3"	57	38" MIN WIDTH PER OSSC 1009.1.1
[7]	20	6"	45	36" MIN WIDTH PER OSSC 1009.1.1
[8]	38	11"	38	36" MIN WIDTH PER OSSC 1009.1.1
[9]	38	11"	37	36" MIN WIDTH PER OSSC 1009.1.1



STANDARD MECHANICAL ABBREVIATIONS			
AF	AIRFOIL	IN	INCH(ES)
AFF	ABOVE FINISHED FLOOR	INSUL	INSULATION
AHP	APPARATUS HOUSING PLENUM	ISOL	ISOLATE(OR)ION
ALT	ALTERNATIVE	KW	KILOWATT
AL	ALUMINUM	KWH	KILOWATT HOUR
APD	AIR PRESSURE DROP	L	LENGTH
APPROX	APPROXIMATELY	LAT	LEAVING AIR TEMP
ARCH	ARCHITECT(URAL)	LB	POUND
AUTO	AUTOMATIC	LDB	LEAVING DRY BULB
BDD	BACKDRAFT DAMPER	LF	LINEAR FEET
BHP	BREAK HORSEPOWER	LFT	LEAVING FLUID TEMPERATURE
BI	BACKWARD INCLINED	LVG	LEAVING
BLDG	BUILDING	LWB	LEAVING WET BULB
BSMT	BASEMENT	LWT	LEAVING WATER TEMPERATURE
BTU	BRITISH THERMAL UNIT	MAX	MAXIMUM
BTUH	BRITISH THERMAL UNITS PER HOUR	MBH	THOUSAND BTU PER HOUR
CFH	CUBIC FEET PER HOUR	MCA	MINIMUM CIRCUIT AMPACITY
CFM	CUBIC FEET PER MINUTE	MECH	MECHANICAL
CF3	CUBIC FEET PER SECOND	MERV	MINIMUM EFFICIENCY REPORTING VALUE
CLG	CEILING OR COOLING	MFR	MANUFACTURER
CONC	CONCRETE	MIN	MINIMUM
CONN	CONNECTION(I)	MISC	MISCELLANEOUS
CONT	CONTINUE(ED)(UATION)	MOP	MAXIMUM OVERCURRENT PROTECTION
CL	CENTERLINE	MTD	MOUNTED
DB	DRY BULB	NC	NORMALLY CLOSED
DDC	DIRECT DIGITAL CONTROL	NIC	NOT IN CONTRACT
DEFL	DEFLECTION	NO	NORMALLY OPEN
DN	DOWN	OAD	OUTSIDE AIR DAMPER
DP	DEW POINT	OAT	OUTSIDE AIR TEMPERATURE
DWDI	DOUBLE WIDTH DOUBLE INLET	OC	ON CENTER DISTANCE
DWG	DRAWING	OSA	OUTSIDE AIR
EA	EXHAUST AIR	PH	PHASE
EAD	EXHAUST AIR DAMPER	PP	POLYPROPYLENE
EAT	ENTERING AIR TEMPERATURE	PP	POUNDS PER SQUARE INCH
ECM	ELECTRONICALLY COMMUTATED MOTOR	PVC	POLYVINYL CHLORIDE
EDB	ENTERING DRY BULB	PVS	PVC COATED STEEL
EFF	EFFICIENCY	R (RAD)	RADIUS
EFT	ENTERING FLUID TEMPERATURE	RA	RETURN AIR
ELEC	ELECTRIC(IAL)	RAD	RETURN AIR DAMPER
ELEV	ELEVATION	REV	REVISION
ENGR	ENGINEER	REL	RELATIVE HUMIDITY
EQ	EQUAL	RPM	REVOLUTIONS PER MINUTE
EQUIP	EQUIPMENT	SA	SUPPLY AIR
ESP	EXTERNAL STATIC PRESSURE	SCFM	STANDARD CUBIC FEET PER MINUTE
EWB	ENTERING WET BULB	SD	SMOKE DAMPER
EWT	ENTERING WATER TEMPERATURE	SECT	SECTION
EX	EXTRACTOR	SENS	SENSIBLE
EXH	EXHAUST	SIM	SIMILAR
EXIST	EXISTING	SP	STATIC PRESSURE
EXP	EXPANSION	SPEC	SPECIFICATION
F	DEGREES FAHRENHEIT	SQ	SQUARE
FC	FORWARD CURVED	SF	SQUARE FOOT(FEET)
FIG	FIGURE	SQ IN	SQUARE INCH(ES)
FILT	FILTER	SS	STAINLESS STEEL
FLA	FULL LOAD AMPACITY	STL	STEEL
FLEX	FLEXIBLE	STRUCT	STRUCTURE(IAL)
FPD	FLUID PRESSURE DROP	SWP	SINGLE WALL PLENUM
FPM	FEET PER MINUTE	SWSI	SINGLE WIDTH SINGLE INLET
FPS	FEET PER SECOND	TEMP	TEMPERATURE
FT	FEET/FOOT	TSP	TOTAL STATIC PRESSURE
FTR	FINNED TUBE RADIATOR	TYP	TYPICAL
FU	FIXTURE UNIT	V	VOLTS
FUT	FUTURE	VD	VOLUME DAMPER
FV	FACE VELOCITY	VEL	VELOCITY
GA	GAGE/GAUGE	VERT	VERTICAL
GAL	GALLON	VFD	VARIABLE FREQUENCY DRIVE
GALV	GALVANIZED	VTR	VENT THROUGH ROOF
GLY	GLYCOL	W	WIDTH
GPH	GALLONS PER HOUR	WB	WET BULB
GPM	GALLONS PER MINUTE	WG	WATER GAUGE
H	HEIGHT	WPD	WATER PRESSURE DROP
HORIZ	HORIZONTAL	WTD	WATER TEMPERATURE DROP
HP	HORSEPOWER	WTR	WATER TEMPERATURE RISE
HTG	HEATING	W/	WITH
ID	INSIDE(DIAMETER/DIMENSION)	W/O	WITHOUT
IE	INVERT ELEVATION		



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WILSONVILLE SCHOOL
DISTRICT**

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ISSUES

No. DESCRIPTION DATE

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SEAL



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Portland, OR 97205, USA
tel 503 226 6950 fax 503 273 9192
ibigroup-usgpnw.com

PROJECT
**LOWRIE
SECURITY UPGRADES**
28995 SW Brown Rd
Wilsonville, OR
97070

PROJECT NO:
124743
DRAWN BY:
Author
PROJECT MGR:
Designer
SHEET TITLE
SYMBOLS, LEGENDS AND
ABBREVIATIONS -
MECHANICAL

WL BID PACK 19045.009
CHECKED BY:
Checker
APPROVED BY:
Approver

SHEET NUMBER
M0001
ISSUE

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WILSONVILLE SCHOOL
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PROJECT

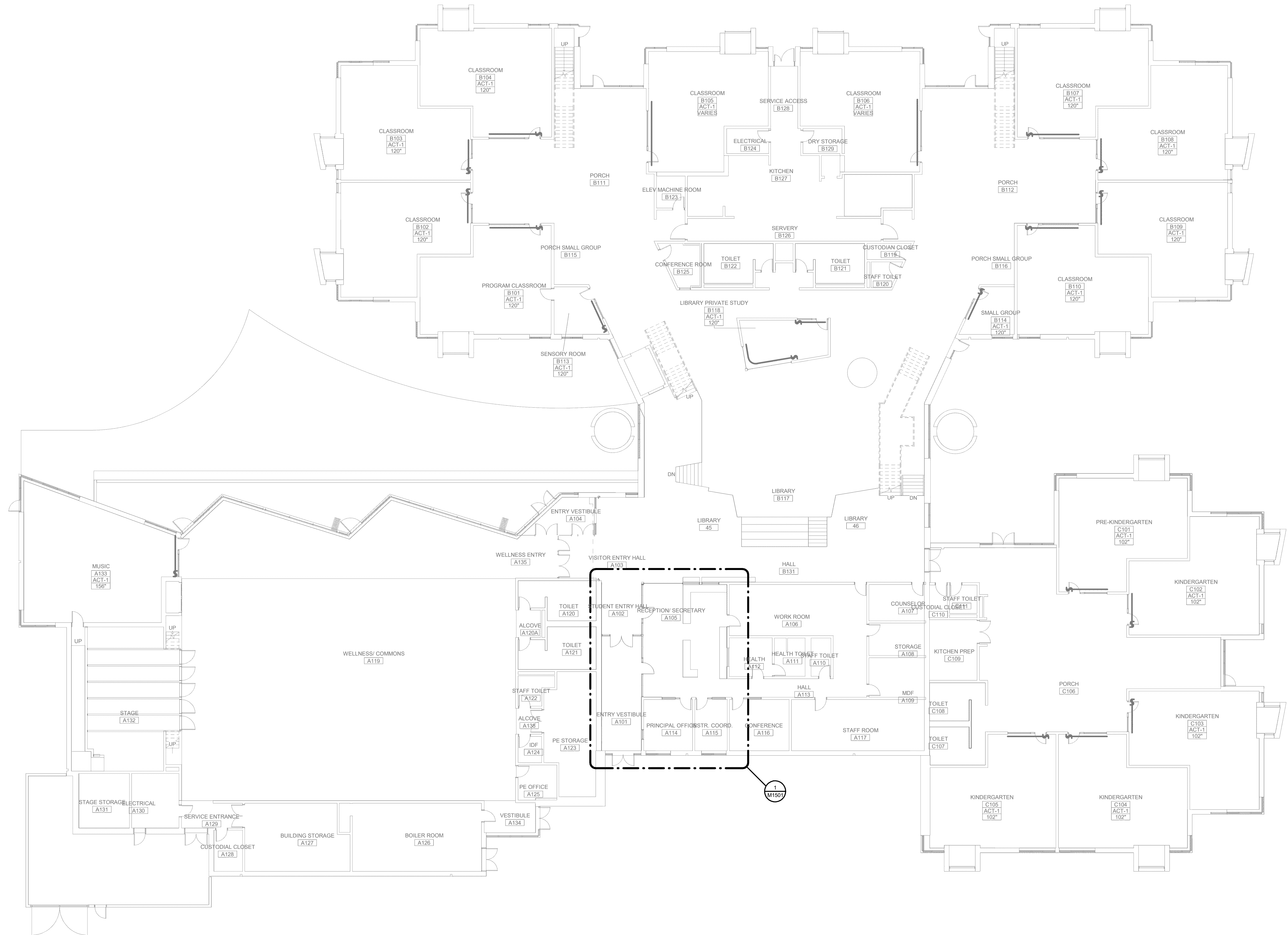
**LOWRIE
SECURITY UPGRADES**

28995 SW Brown Rd
Wilsonville, OR
97070

PROJECT NO: 24743		WL BID PACK 19045.00	
DRAWN BY: Author		CHECKED BY: Checker	
PROJECT MGR: Designer		APPROVED BY: Approver	

SHEET TITLE
OVERALL FIRST FLOOR PLAN
MECHANICAL

SHEET NUMBER	ISSUE
M1101	



1 LEVEL 01 PLAN OVERALL - MECHANICAL
3/32" = 1'-0"

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SCALE CHECK	
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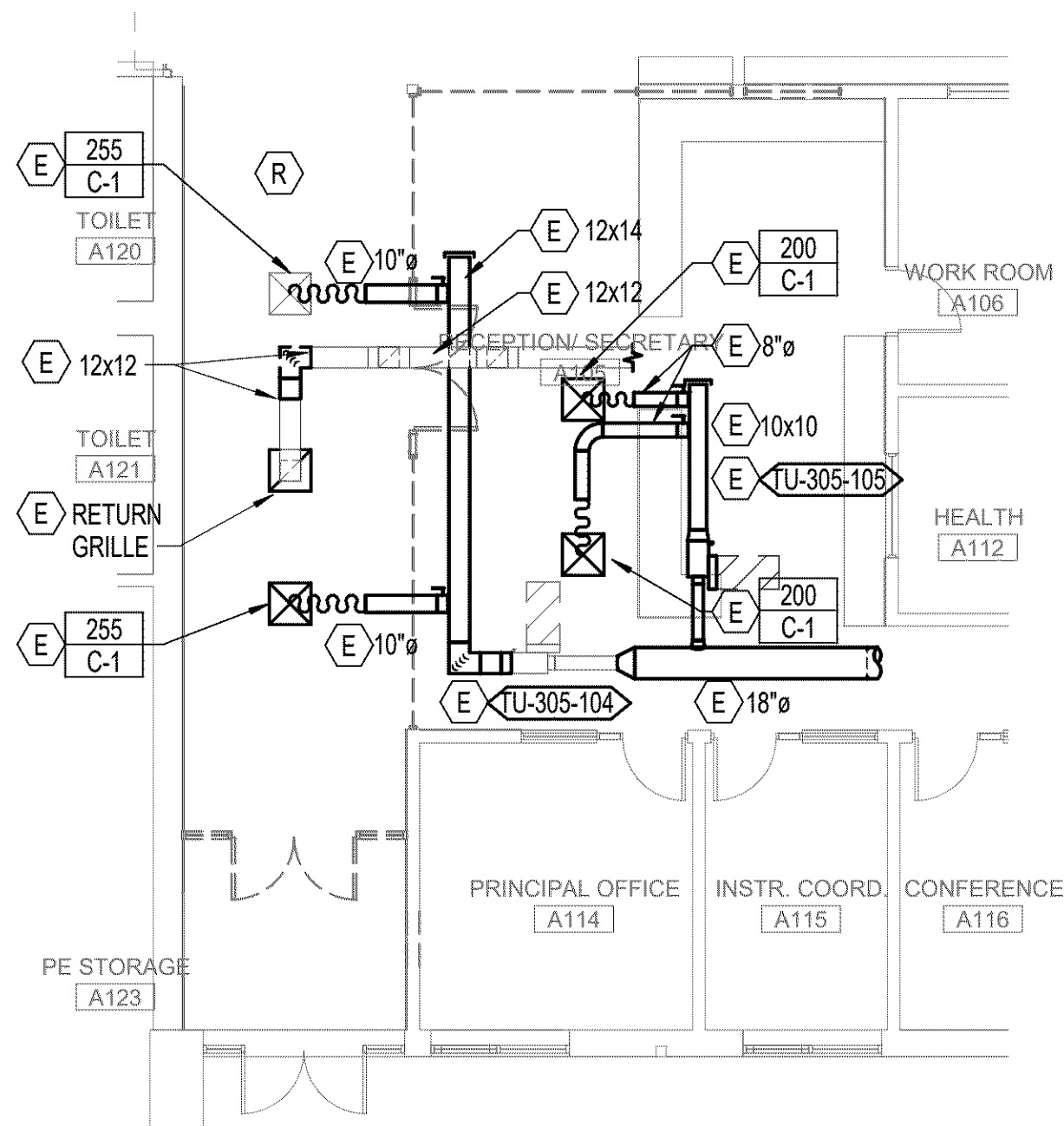
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GENERAL NOTES:

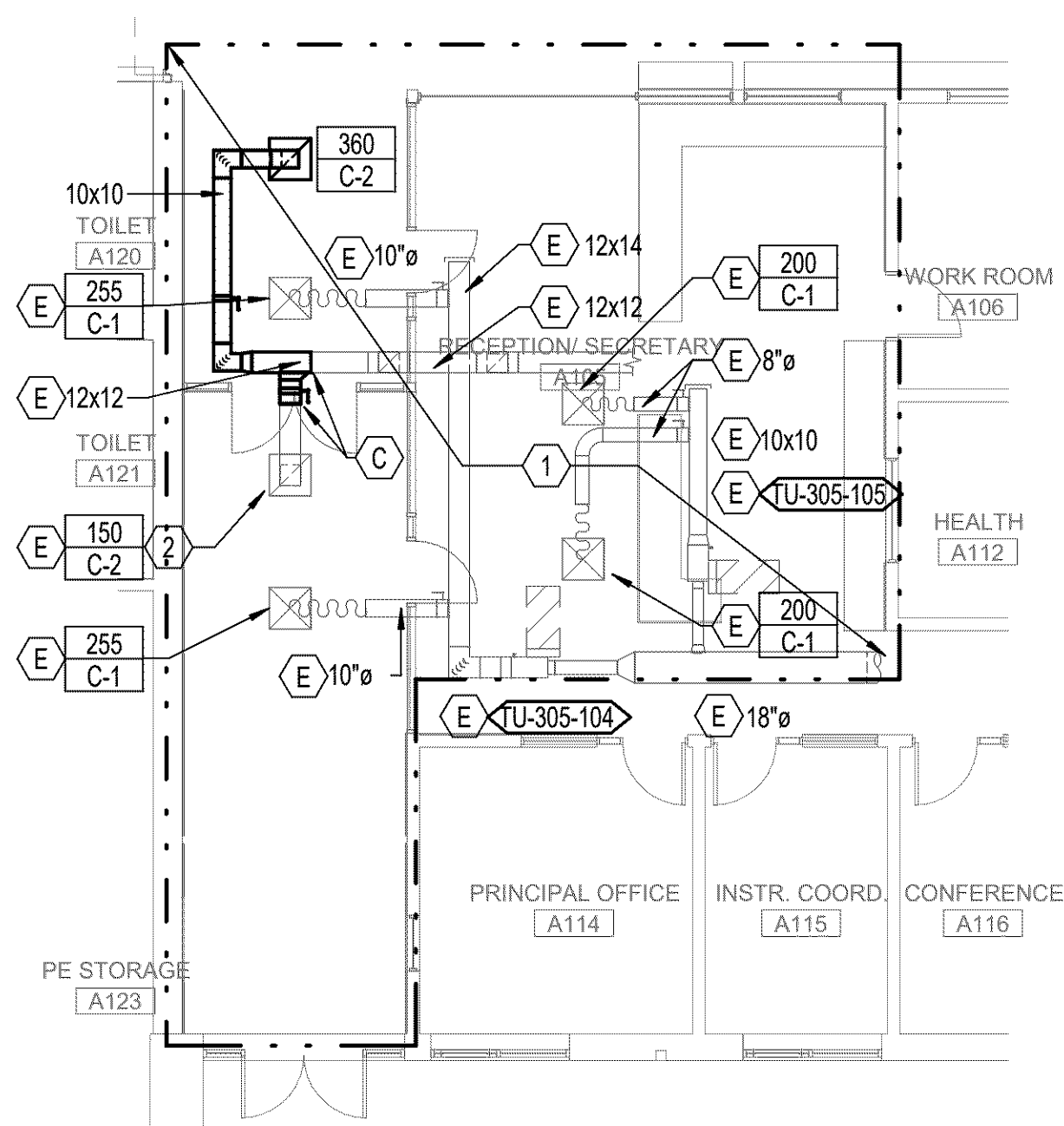
- A. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- B. PATCH AND REPAIR ALL OPENINGS MADE BY REMOVALS.
- C. DEMOLITION WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING : REMOVAL OF EQUIPMENT, SUPPORTS, ANCHORS, PIPING, DUCTWORK AND ALL APPURTENANCES WHERE INDICATED ON THE PLANS.
- D. REMOVE MECHANICAL EQUIPMENT, DUCTS, PIPING AND ASSOCIATED ITEMS AS SHOWN OR RELATED TO EQUIPMENT TO BE REMOVED. CAP DUCTWORK OR PIPING AT NEAREST LIVE BRANCH.
- E. CONTRACTOR SHALL PERFORM PRE-BALANCE AIRFLOW TESTING AND REPORT SHALL BE COMPLETED BEFORE ANY DEMOLITION WORK BEGINS. REPORT SHALL INCLUDE TESTING ON TERMINAL UNITS, SUPPLY DUCT AND SUPPLY DIFFUSERS, AND RETURN DUCTS AND RETURN GRILLES SERVING THE VESTIBULES THAT ARE LOCATED OUTSIDE OF THE AREA OF WORK.
- F. DUCT RUNOUTS TO DIFFUSERS AND GRILLES TO BE SAME AS INLET SIZE SHOWN ON SCHEDULE UNLESS OTHERWISE NOTED.
- G. PROVIDE VOLUME DAMPER AT EACH BRANCH OUTLET/INLET. PROVIDE REMOTE CABLE DAMPERS FOR VOLUME DAMPERS ABOVE HARD LIDS (YOUNG'S BOWDEN REMOTE CABLE CONTROLLERS OR EQUAL).
- H. RUN DUCTS AND PIPING CONCEALED, UNLESS OTHERWISE SPECIFIED, AND CLEAR OF CEILING INSERTS AND EQUIPMENT. ALL DUCTWORK SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO WALL AND UNDERSIDE OF BEAMS AND JOISTS.
- I. ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTS (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- J. VERIFY ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. VERIFY AND PROVIDE DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DIMENSIONS BEFORE ORDERING OR FABRICATIONS.
- K. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF AIR DEVICES.
- L. PIPING AND DUCTWORK SHALL BE LARGEST SIZE SHOWN UNTIL SMALLER SIZE IS INDICATED -INCLUDING,BUT NOT LIMITED TO, MAINS AND BRANCH PIPING.
- M. ALL EXISTING FIRE PROTECTION SYSTEMS, PIPING, AND EQUIPMENT OUTSIDE OF PROJECT SCOPE TO REMAIN ACTIVE.
- N. FIRE PROTECTION SYSTEM SHALL REMAIN FULLY FUNCTIONAL DURING ENTIRE CONSTRUCTION PHASE.
- O. MODIFY THE EXISTING PIPING DISTRIBUTION AS NEEDED AND INSTALL NEW QUICK RESPONSE SPRINKLER HEADS THROUGHOUT THE PROJECT AREA TO PROVIDE FULL AREA COVERAGE AS REQUIRED BY NFPA 13.

NOTES:

1. PROVIDE FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND LOCAL FIRE CODE. REFER TO SPECIFICATIONS FOR DESIGN BUILD REQUIREMENTS. REER TO PLANS FOR COORDINATION WITH OTHER CEILING MOUNTED EQUIPMENT. ARCHITECT TO HAVE FINAL SIGN OFF ON SPRINKLER PIPING AND PIPE ROUTING. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR FULL SPRINKLER DESIGN, INCLUDING COORDINATED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS.
2. REBALANCE RETURN AIR GRILLES TO AIRFLOWS SHOWN ON DRAWINGS.



2 DEMO PLAN - ENTRY - MECHANICAL
1/8" = 1'-0"



1 FLOOR PLAN - ENTRY - MECHANICAL
1/8" = 1'-0"

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DISTRICT

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PROJECT

LOWRIE
SECURITY UPGRADES
28995 SW Brown Rd
Wilsonville, OR
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PROJECT NO:

124743 WL BID PACK 19045.009

DRAWN BY:

Author CHECKED BY:

PROJECT MGR:

Designer APPROVED BY:

SHEET TITLE

ENTRY PLANS - MECHANICAL

SHEET NUMBER

M1501

ISSUE

SHEET KEYNOTES

1. COORDINATE EXACT LOCATION WITH SHELTER SYSTEM INSTALLER.

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PROJECT NO: 124743
DRAWN BY: ED
PROJECT MGR: Designer
SHEET TITLE: OVERALL FIRST FLOOR PLAN - TECHNOLOGY

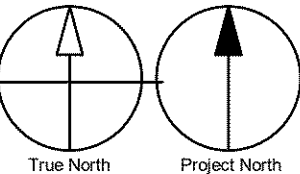
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CHECKED BY: DT
APPROVED BY: Approver

SHEET NUMBER
T1101

ISSUE

1 LEVEL 01 - OVERALL - TECHNOLOGY

0' 8' 16' 24'
3/32" = 1'-0"



SHEET KEYNOTES

- DOOR CONTROL BUTTON LOCATION. COORDINATE WITH ARCHITECTURAL DRAWINGS AND STANLEY INSTALLATION CONTRACTOR.
- FLOOR MOUNTED MAGNETIC HOLD OPEN. COORDINATE WITH DOOR HARDWARE SCHEDULE FOR BACKBOX TYPE.

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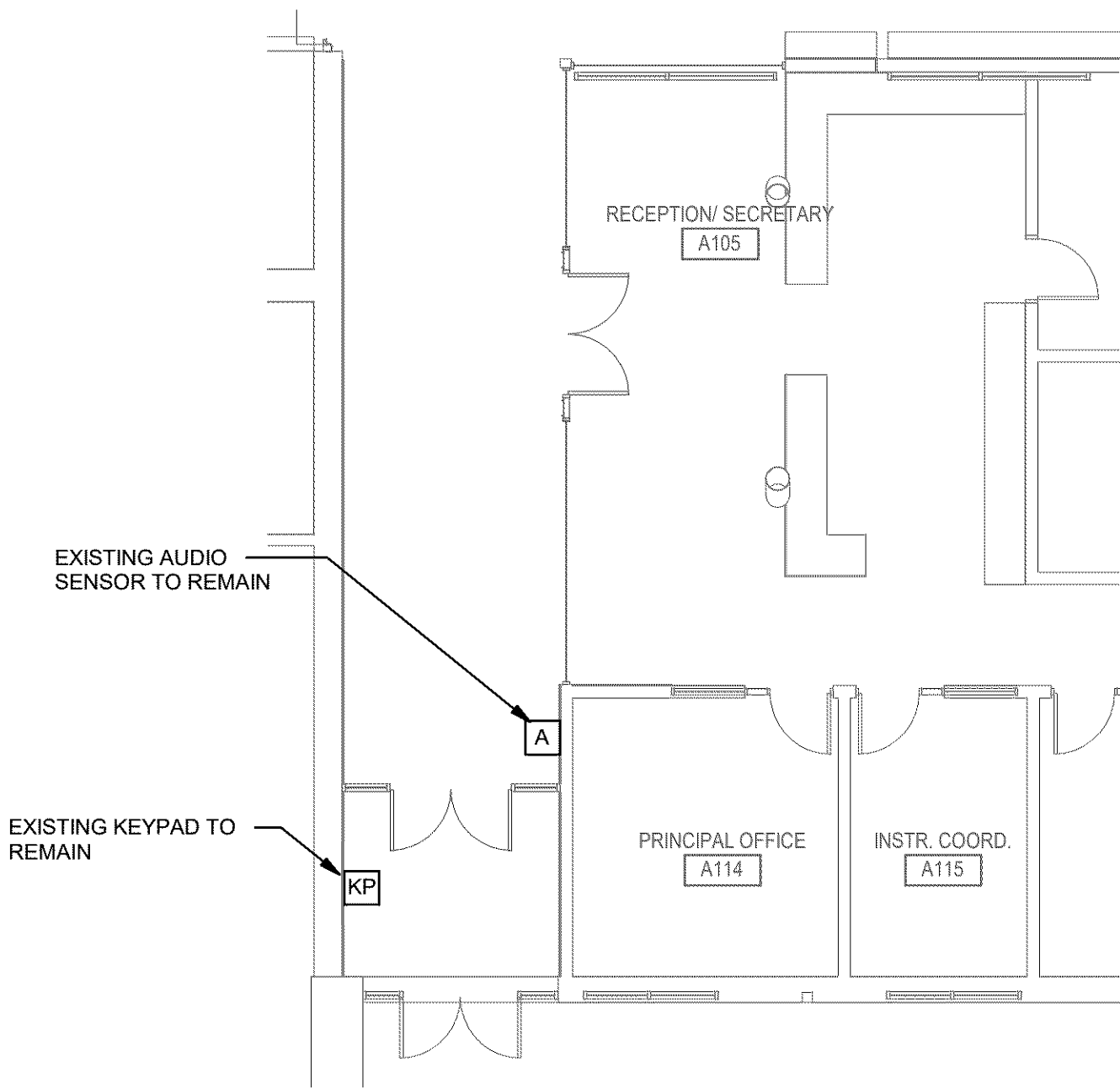
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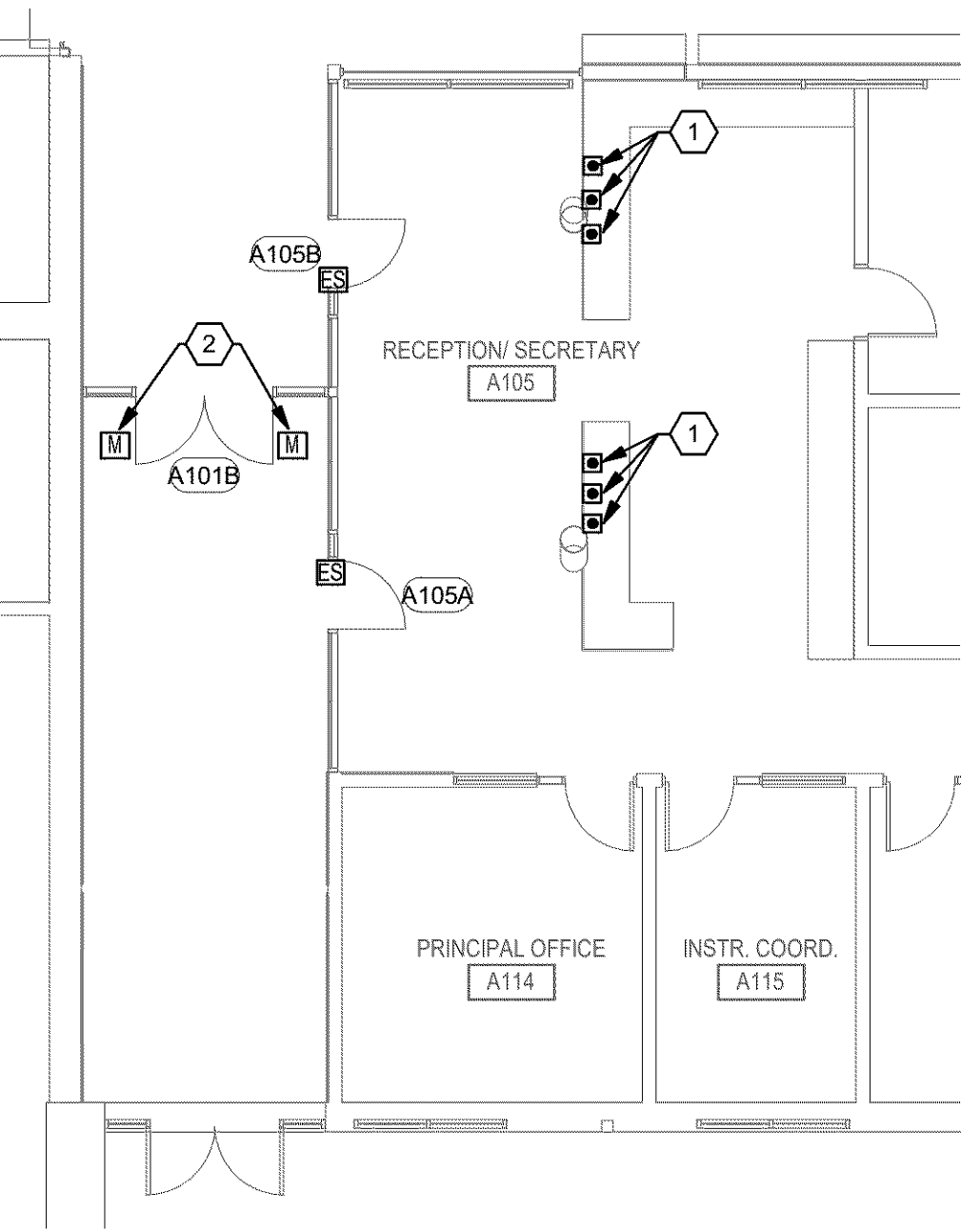
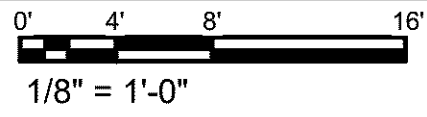
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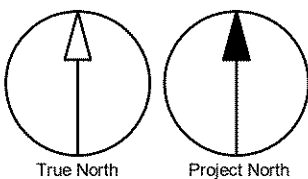
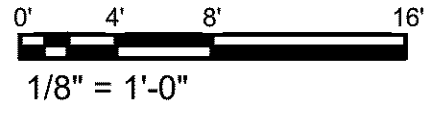
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2 DEMOLITION PLAN - TECHNOLOGY



1 FLOOR PLAN - ENTRY - TECHNOLOGY



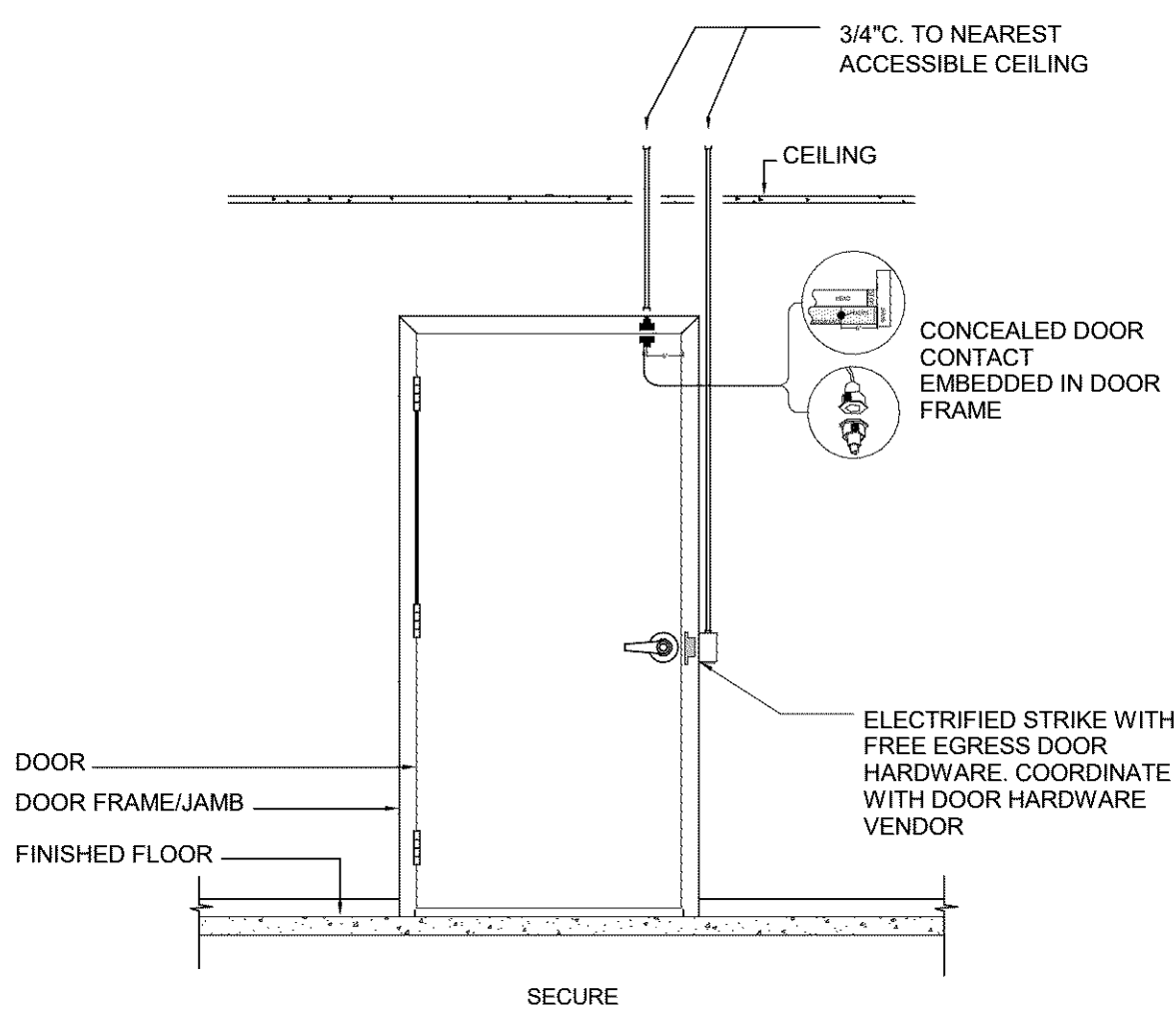
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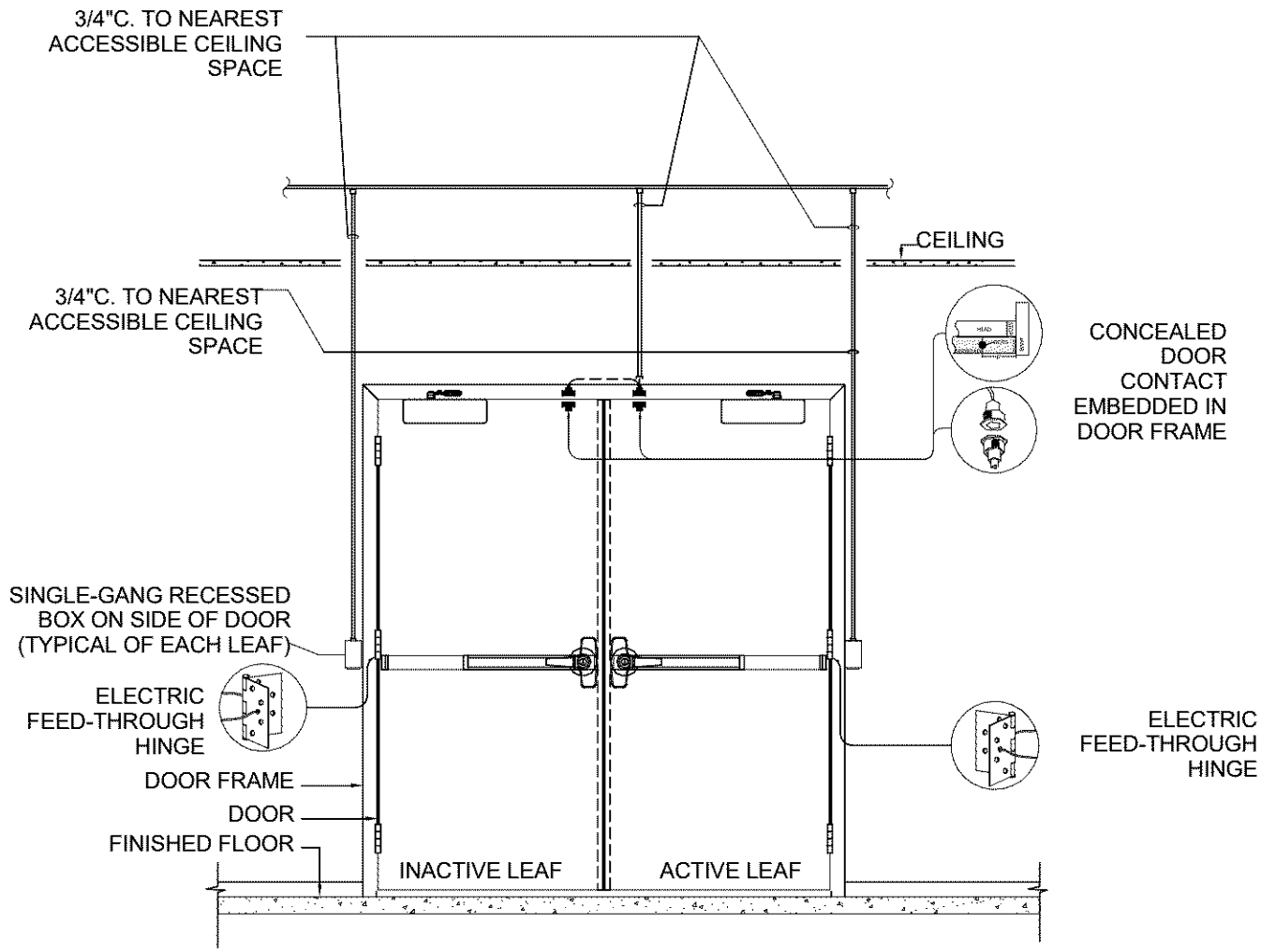
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SHEET TITLE
ENTRY PLANS - TECHNOLOGY

SHEET NUMBER
T1501
ISSUE



2 SINGLE DOOR PATHWAY DETAIL
NO SCALE



1 DOUBLE DOOR PATHWAY DETAIL
NO SCALE

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SHEET TITLE
DETAILS - TECHNOLOGY

SHEET NUMBER T1601	ISSUE
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TECHNOLOGY SYMBOL LIST

ABBREVIATIONS

(E)	EXISTING
(N)	NEW
(X)	DEMOLISH
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
CATV	CABLE TELEVISION
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
IDF	INTERMEDIATE DISTRIBUTION FRAME
MDF	MAIN DISTRIBUTION FRAME
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
QTY	QUANTITY
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF

SECURITY

	3/4\"/>
	SINGLE GANG BACKBOX WITH 3/4\"/>
	3/4\"/>
	3/4\"/>
	SINGLE GANG BACKBOX WITH 3/4\"/>
	SINGLE GANG BACKBOX WITH 3/4\"/>

EQUIPMENT ROOMS

	2-POST EQUIPMENT RACK
	4-POST EQUIPMENT RACK
	DOUBLE-SIDED VERTICAL WIRE MANAGEMENT
	ENCLOSED CABINET

GENERAL

	DEMOLISH
	CONTINUATION
	DETAIL NUMBER AND SHEET LOCATION
	KEYED NOTE
	SECTION NUMBER AND SHEET LOCATION

RACEWAYS

	COMMUNICATIONS CABLE RUNWAY
	CONDUIT ABOVE GRADE
	CONDUIT BELOW GRADE OR SLAB
	CONDUIT DOWN
	CONDUIT SLEEVE
	CONDUIT UP
	CONDUIT/WIRING CONTINUATION
	GROUNDING POINT
	HANDHOLE
	COMMUNICATIONS VAULT
	COMMUNICATIONS BACKBOARD
	WIRE BASKET CABLE TRAY

COMMUNICATIONS

	STANDARD COMMUNICATIONS OUTLET WITH (3) CAT6A CABLE(S) TO NEAREST MDF/IDF AND 1\"/>
--	---

GENERAL SHEET NOTES

- A. COMMUNICATIONS RACEWAYS, TRAYS, AND OUTLETS ARE SHOWN DIAGRAMMATICALLY. LOCATIONS ARE APPROXIMATE UNLESS SPECIFICALLY DIMENSIONED. FIELD COORDINATE ALL WORK WITH OTHER TRADES.
- B. CONSTRUCTION DETAILS SHOW TYPICAL INSTALLATION. UON, AND APPLY TO ALL COMMUNICATIONS WORK INCLUDED IN THE SUMMARY OF WORK FOR THIS PACKAGE EVEN THOUGH NOT SPECIFICALLY REFERENCED ON THE PLAN DRAWINGS.
- C. INSTALL PULL STRINGS IN ALL CONDUITS AT THE TIME OF CONDUIT AND CABLE INSTALLATION.

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SHEET TITLE
SYMBOL LIST AND GENERAL
NOTES - TECHNOLOGY

SHEET NUMBER TG0000	ISSUE
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SHEET INDEX

TG0000	SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY
T1101	OVERALL FIRST FLOOR PLAN - TECHNOLOGY
T1501	ENTRY PLANS - TECHNOLOGY
T1601	DETAILS - TECHNOLOGY