WESTERN WAYNE SCHOOLS RENOVATIONS -**BID PACKAGE #2** WESTERN WAYNE SCHOOLS

215 E. PARKWAY DRIVE CAMBRIDGE CITY, INDIANA

GENERAL INFORMATION - BP2 G0.01.2 GENERAL NOTES DIMENSIONS AND LEGENDS - BP2 CODE PLAN - BUILDING SEPARATION - BP2 G1.01.2 CODE PLAN - OVERALL PLAN - BP2 G2.01.2

- G3.1B.2 CODE PLAN - UNIT 'B' LIFE SAFETY PLAN - BP2 G3.1C.2 CODE PLAN - UNIT 'C' LIFE SAFETY PLAN - BP2 G3.1D.2 CODE PLAN - UNIT 'D' LIFE SAFETY PLAN - BP2
- G3.1E.2 CODE PLAN - UNIT 'E' LIFE SAFETY PLAN - BP2

CIVIL	
C1.01.2	SITE DEMOLITION PLAN - BP2
C2.01.2	SITE PLAN - BP2
C7.01.2	STORMWATER POLLUTION PREVENTION & DEMOLITION PLAN - BP2
C8.01.2	SITE DETAILS - BP2

STRUCTURAL - BP2

- S0.01.2 STRUCTURAL GENERAL INFORMATION AND SCHEDULES S2.1D.2 UNIT 'D' FOUNDATION PLAN
- S3.1D.2 UNIT 'D' FRAMING PLAN
- S3.1E.2 UNIT 'E' FRAMING PLAN S7.01.1 FOUNDATION DETAILS

CIVIL ENGINEER

JPS CONSULTING ENGINEERS 9635 COUNSELORS ROW, SUITE 116 INDIANAPOLIS, IN 46240 P. 317.617.4240 WWW.JPSCONSULTINGENGINEERS.COM ARCH A0.01 A0.02. A1.1B A1.1C A1.1D A1.1E A2.1B A2.1C A2.1D A2.1E A2.1F A2.3B A2.3C. A2.3D. A2.3E A2.3F A2.80. A3.1B A3.1C A3.1D. A3.1E A4.01. A5.01 A5.02. A6.01 A7.01 A7.02. A7.03. A7.04. A8.01. A8.02. A8.03. A9.0B A9.1B A9.1C A9.1D. A9.1E.

ITEC .2 2	TURAL - BP2 OVERALL ROOF PLAN - BP2 OVERALL ROOF PLAN - BP2 - ALTERNATE A-5	PLUMBIN P0.01.2 P1 1C 2	G - BP2 PLUMBING GENERAL INFORM
.2 .2 .2 .2	UNIT 'B' FIRST FLOOR DEMOLITION PLAN - BP2 UNIT 'C' FIRST FLOOR DEMOLITION PLAN - BP2 UNIT 'D' FIRST FLOOR DEMOLITION PLAN - BP2 UNIT 'E' FIRST FLOOR DEMOLITION PLAN - BP2	P1.1D.2 P1.1E.2 P2.1C.2 P2.1D.2	UNIT 'D' PLUMBING DEMOLITIC UNIT 'E' PLUMBING DEMOLITIC UNIT 'C' PLUMBING PLAN - BP2 UNIT 'D' PLUMBING PLAN - BP2
.2 .2 .2 2	UNIT 'B' FIRST FLOOR PLAN - BP2 UNIT 'C' FIRST FLOOR PLAN - BP2 UNIT 'D' FIRST FLOOR PLAN - BP2	P2.1E.2 P3.01.2	OVERALL PLUMBING PLAN - BP2
.2 .2 .2	UNIT 'F' FIRST FLOOR PLAN - BP2 UNIT 'B' ROOF PLAN - BP2 UNIT 'C' ROOF PLAN - BP2		
.2 .2 .2	UNIT 'D' ROOF PLAN - BP2 UNIT 'E' ROOF PLAN - BP2 UNIT 'F' ROOF PLAN - BP2		
.2 .2 .2	ENLARGED PLANS - BP2 UNIT 'B' FIRST FLOOR REFLECTED CEILING PLAN - BP2 UNIT 'C' FIRST FLOOR REFLECTED CEILING PLAN - BP2		CAL - BP2
.2 .2 .2 .2	UNIT 'D' FIRST FLOOR REFLECTED CEILING PLAN - BP2 UNIT 'E' FIRST FLOOR REFLECTED CEILING PLAN - BP2 EXTERIOR ELEVATIONS - BP2 DOOR & FRAME SCHEDULES - BP2	M0.01.2 M1.1D.2 M1.1E.2 M2.1D.2 M2.1E.2	UNIT 'D' FIRST FLOOR MECHA UNIT 'E' FIRST FLOOR MECHA UNIT 'D' FIRST FLOOR HVAC P
.2 .2 .2 .2	DOOR, FRAME, AND WINDOW LEGENDS - BP2 BUILDING SECTIONS - BP2 DETAILS - BP2 ROOF DETAILS - BP2	M3.01.2 M9.01.2	OVERALL MECHANICAL ROOF MECHANICAL SCHEDULES & [
.2 .2 .2 .2 .2	ROOF DETAILS - BP2 MILLWORK DETAILS INTERIOR ELEVATIONS - BP2 INTERIOR ELEVATIONS - BP2 INTERIOR ELEVATIONS - BP2		
.2 .2 .2 .2 .2	UNIT 'B' FIRST FLOOR FINISH PLAN - BP2 UNIT 'C' FIRST FLOOR FINISH PLAN - BP2 UNIT 'D' FIRST FLOOR FINISH PLAN - BP2 UNIT 'E' FIRST FLOOR FINISH PLAN - BP2		
		ELECTRIC	AL - BP2
		E0.01.2 E1.1D.2 E1.1E.2 E2.1D.2 E2.1E.2 E3.1C.2 E3.1D.2 E3.1E.2 E4.01.2 E4.02.2	ELECTRICAL SYMBOL LEGEND UNIT 'D' FIRST FLOOR ELECTR UNIT 'E' FIRST FLOOR ELECTR UNIT 'D' FIRST FLOOR POWER UNIT 'E' FIRST FLOOR POWER UNIT 'C' FIRST FLOOR LIGHTIN UNIT 'D' FIRST FLOOR LIGHTIN UNIT 'E' FIRST FLOOR LIGHTIN POWER DISTRIBUTION ONE-LI
		E5.01.2 E5.10.2	POWER DISTRIBUTION EQUIP LIGHTING FIXTURE SCHEDULE

OWNER'S REPRESENTATIVE

MAZE DESIGN, INC. 2601 NATIONAL ROAD WEST RICHMOND, IN 47374 765.962.1300 DI@MAZEDESIGNINC.COM

OWNER

WESTERN WAYNE SCHOOLS 215 E. PARKWAY DRIVE ENTRANCE #33 CAMBRIDGE CITY, IN 47327 (765) 478-5375 WWW.WWAYNE.K12.IN.US



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BIDS & CONSTRUCTION GMB PROJECT # 5-6394

Middle School

Tri-County Pest Cor

Cambridge

City

VICINITY MAP



ARCHITECT + ENGINEER

GMB

85 EAST EIGHTH STREET, SUITE 200 HOLLAND, MI 49423 P. 616.796.0200 WWW.GMB.COM















NON-LOAD BEARING COLD-FORMED METAL FRAMING SCHEDULE								
	DEPTH GAUGE FLANGE IDENTIFICATION (33 KSI) WIDTH AISI S100/S200 LOCATION / USE						ROUGH OPENING	
	2 1/2"	20	1 1/4"	250S125-30	BULKHEADS & MISC. FRAMING		6'-0" MAX.	
ISTS	3 5/8" 6"	20 18	1 1/4" 1 5/8"	362S125-30 600S162-43	INTERIOR WALLS & BULKHEADS			
OL & SOU	3 5/8" 6"	20 18	1 5/8" 1 5/8"	362S162-33 600S162-43	INTERIOR JAMBS		10'-0" MAX.	
STI	6"	16	1 5/8"	600S162-54	EXTERIOR WALLS		12'-0"	+
							WAA.	
	2 1/2"	20	1 1/4"	250T125-30	BULKHEADS & MISC. FRAMING		ALL HEAI	DE
	3 5/8"	20	1 1/4"	362T125-30	INTERIOR WALLS & BULKHEADS		BASED O	N
RACK	3 5/8"	20	2 1/2"	362T250-33	DEFLECTION TRACK			
F	6"	18	1 1/4"	600T125-43	INTERIOR WALLS & BULKHEADS			
	6"	16	1 1/2"	600T150-54	EXTERIOR WALLS			
LT)	7/8"	20	N/A	087F125-33	WHERE NOTED			
RING (HA	1 1/2"	20	N/A	150F125-33	WHERE NOTED			
FUR								
NOTE:	ALL MEN	MBERS IN TH	IS SCHEDULE N SPAN A MA	ARE SIZED FOR MAXIMU XIMUM HEIGHT OF 28'	M 15' TALL WALLS, NOTE THAT 6"			
	SEE COLD-FORMED METAL HEADER SCHEDULE FOR SPECIFIC JAMB & HEADER REQUIREMENT							



BARRIER FREE ADA DIMENSIONS 1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES:

- 1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS.
- 2. REFERENCE STRUCTURAL DRAWINGS FOR CONCRETE SLAB SIZES AND SLAB RELATED INFORMATION. 3. INTERIOR STUD WALLS ARE TO USE 3 5/8" METAL STUD FRAMING UNLESS OTHERWISE NOTED.
- 4. TURN UP VAPOR RETARDER MATERIAL AT JOINTS BETWEEN FLOOR SLAB AND FOUNDATION WALL UNLESS NOTED
- OTHERWISE. 5. SEE FOUNDATION PLANS FOR FLOOR SLAB RECESSES FOR TILE, WOOD FLOOR, ETC. (VERIFY RECESS REQUIRED BY MFR.)
- 6. EXTEND ALL INTERIOR WALL PARTITIONS (MASONRY OR STUDS) TO BOTTOM OF DECK ABOVE UNLESS NOTED OTHERWISE.
- 7. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS NOT SHOWN. COORDINATE AS REQUIRED INCLUDING NECESSARY FRAMING, BLOCKING, ETC.
- 8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY CABINETRY, FRAMES, STRUCTURAL ITEMS, ETC. 9. PROVIDE PAINTED ACCESS PANELS IN WALLS AND CEILINGS TO PROVIDE ACCESS TO CONCEALED ITEMS INCLUDING BUT NOT LIMITED TO VALVES, CONTROLS, MECH. EQUIPMENT, ETC. ACCESS PANELS MAY NOT ALWAYS BE SHOWN ON PLANS. IT IS THE SUB CONTRACTOR RESPONSIBILITY TO DETERMINE LOCATIONS. COORDINATE LOCATIONS WITH OTHER GENERAL CONTRACTOR / SITE SUPERVISOR
- 10. COORDINATE WALLS WITH COLUMNS AND OTHER ENCASED ITEMS. COLUMNS ARE TO BE CONTAINED WITHIN WALLS. THE FRAMING CONTRACTOR SHALL INCREASE FRAMING SIZE TO ACCOMMODATE COLUMNS, DRAIN LEADERS, PIPING, ELECTRICAL PANELS, ETC. WHERE WALLS REQUIRE EXTRA WIDTH THE ENTIRE WALL SHALL BE WIDENED UNLESS APPROVED BY ARCHITECT.
- 11. ALL GUARDRAILS AND HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE 2015 M.B.C., ANSI ICC A117.1-2009 & AMERICANS WITH DISABILITIES ACT GUIDELINES. THE MOST STRINGENT SHALL PREVAIL.
- 12. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS. SEE G0.01 FOR REQUIREMENTS. 13. FOR ALL CABINETRY, SEE INTERIOR ELEVATIONS FOR LAYOUTS. FIELD VERIFY CLEAR WIDTHS PRIOR TO FABRICATION.
- 14. ALL EXTERIOR BLOCK CORNERS ARE TO BE BULLNOSE BLOCK EXCEPT CONCRETE BLOCK COLUMNS, PIERS AND WALLS TO
- RECEIVE TILE UNLESS NOTED OTHERWISE 15. CONTRACTOR TO MAINTAIN / REPAIR RATING OF EXISTING PARTITIONS AS AFFECTED BY DEMOLITION / NEW
- CONSTRUCTION. TYPICAL THROUGHOUT. 16. SEAL ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS WITH APPROVED FIRESTOPPING.
- 17. WHERE SPECIALTY BLOCK IS REQUIRED AT THE SAME HEIGHT ON BOTH SIDES OF A WALL USE (2) SPECIALTY BLOCKS BACK TO BACK TO MAINTAIN THE FINISHED WALL APPEARANCE BOTH SIDES OF THE WALL. COORDINATE WITH STRUCTURAL FOR LINTELS CONDITIONS PER SPECIFICATIONS.
- 18. WALLS TO BE PATCHED WITH LIKE MATERIALS WHERE EXISTING WALLS HAVE BEEN COMPROMISED FROM DEMOLITION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL AND REINSTALLATION OF CASEWORK AND WALL MOUNTED EQUIPMENT IN ORDER TO ACHIEVE SAID PATCH. IN AREAS WHERE BLOCK OR BRICK HAVE BEEN USED, NEW MASONRY TO BE TOOTHED IN AND MATCH EXISTING. AREAS AND FINISHES IN QUESTION SHALL BE COORDINATED WITH ARCHITECT
- 19. SEE STRUCTURAL FRAMING PLANS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. MINIMUM REINFORCING (FOR ALL WALLS NOT OTHERWISE NOTED ON STRUCTURAL PLANS): A. ALL BEARING WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48 B. ALL EXTERIOR WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.

C. ALL INTERIOR NON-BEARING WALLS OVER 16'-0" HIGH SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.

- GENERAL PROJECT NOTES
- 1. FINISH FLOOR ELEVATION = 942.19' = 100'-0"
- 2. DRAWINGS ARE NOT TO BE SCALED WHEN A DIMENSION IS IN QUESTION, VERIFY W/ ARCHITECT.
- 3. DETAILS SHOWN BUT NOT CALLED OUT STILL APPLY, UNLESS OTHERWISE NOTED. 4. GENERAL TRADES CONTRACTOR SHALL COORDINATE ALL TRADES INCLUDING OWNER FURNISHED EQUIPMENT,
- INCLUDING DIMENSIONS OF SUCH AS THEY RELATE TO HIS/HER OWN WORK.
- 5. ALL EXPOSED SURFACES SHALL BE FINISHED. CONTACT ARCHITECT FOR DIRECTION IF FINISH IS NOT LISTED. 6. NO UTILITIES INCLUDING BUT NOT LIMITED TO, PIPING AND CONDUIT SHALL BE EXPOSED UNLESS APPROVED BY
- ARCHITECT.
- 7. GYPSUM BOARD WALLS AND BULKHEADS SHALL HAVE CONTROL JOINTS AT A 20'-0" O.C. MAXIMUM AND AS SHOWN ON DRAWINGS
- 8. ANY CONTRACTOR IS TO STOP WORK IMMEDIATELY IN AREA IF ABATEMENT MATERIAL(S) ARE ENCOUNTERED. NOTIFY GENERAL CONTRACTOR OF SUSPECTED AREA SO PROPER ABATEMENT CAN BE DONE. (UNDER A SEPARATE ABATEMENT CONTRACT AS NEGOTIATED BY OWNER.)
- 9. AT ALL AREAS OF WORK WHERE EXISTING MASONRY BLOCK AND BRICK WALLS ARE BEING MODIFIED OR CONNECTED TO NEW MASONRY AND/OR BRICK MUST BE TOOTHED, UNLESS NOTED OTHERWISE ON DRAWINGS.
- 10. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITIES PRIOR TO EXCAVATION, TRENCHING, ETC. AND SHALL REPAIR OR REPLACE ANY DAMAGED UTILITIES AS A RESULT OF CONSTRUCTION.
- 11. ALL TRADES ARE TO COORDINATE ANY DEMOLITION, CAPPING OR ABANDONMENT OF EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR ARCHITECTURAL ITEMS.
- 12. ANY DEMOLITION OR CONSTRUCTION WHICH DAMAGES ADJACENT SURFACES IS TO BE REPAIRED TO MATCH THE EXISTING SURFACE DAMAGED (MATERIALS & FINISHES) AND ALL REPAIR WORK IS TO BE COORDINATED WITH NEW CONSTRUCTION.
- 13. CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND BRACING FOR EXISTING ROOF/FLOOR STRUCTURE AS REQUIRED UNTIL PERMANENT WALLS & LINTELS ARE INSTALLED.
- 14. SITE SECURITY AND SAFETY ARE THE CONTRACTORS RESPONSIBILITY. SITE SHALL BE SECURED (FENCED IF REQUIRED) BY CONTRACTOR.
- 15. ALL ITEMS TO BE SAVED AND/OR RELOCATED ARE TO BE STORED IN A PROPER MANNER SO NO DAMAGE WILL OCCUR TO THESE ITEMS DURING THEIR STORAGE PERIOD.
- 16. ALL CONSTRUCTION AND MATERIALS ARE TO BE INSTALLED BY THE MANUFACTURERS SPECIFICATIONS AND/OR
- RECOMMENDATIONS UNLESS DIRECTED OTHERWISE BY ARCHITECT. 17. SEE SPECIFICATIONS FOR STEEL LINTEL SIZES FOR WALL OPENINGS NOT DETAILED (e.g. HVAC DUCTS, ETC.).
- 18. REFER TO GENERAL INFORMATION SHEET G0.01 FOR TYPICAL BARRIER FREE AND ACCESSIBLE DIMENSIONS.
- 19. SEE FLOOR PLANS FOR WALL REINFORCING REQUIRED. (SEE WALL REINFORCING SCHEDULE)
- 20. FURNISH & INSTALL 2x12 HORIZONTAL WOOD BLOCKING BETWEEN STUDS WHERE REQUIRED FOR MOUNTING OF UPPER CABINETS, GRAB BARS OR OTHER EQUIPMENT AS REQUIRED FOR PROPER SUPPORT.
- 21. COORDINATE ALL CONSTRUCTION PRACTICE TOLERANCES WITH OTHER TRADES WHOSE WORK MAY BE AFFECTED, DIRECTLY OR INDIRECTLY, WITH YOUR SPECIFIC TRADE. IN ALL CASES, THE MOST STRINGENT TOLERANCE SHALL APPLY AND SHALL BE COORDINATED THRU THE GENERAL CONTRACTOR, JOB SUPERINTENDENT AND/OR CONSTRUCTION MANAGER AND FIELD OBSERVATION PERSON AS APPLICABLE.
- 22. REFER TO FLOOR PLANS, SCHEDULES AND EXTERIOR ELEVATIONS FOR WINDOW FRAME TYPES.
- 23. REFER TO FLOOR PLANS, SCHEDULES AND INTERIOR ELEVATIONS FOR BORROWED LITE FRAME TYPES. 24. AT MASONRY CAVITY WALL LOCATION, PROVIDE APPROPRIATE SEPARATION IN REGARDS TO INTERIOR AIR
- EXFILTRATION AND EXTERIOR AIR AND WATER INFILTRATION THRU WALL. PROVIDE NECESSARY AIR AND WATER BARRIERS REQUIRED, INCLUDING DAMS, TO PREVENT WALL LEAKAGE.

CODE NOTES:

- 1. FIRE DEPARTMENT ACCESS AND WATER SUPPLY SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF VERTICAL
- CONSTRUCTION. 2. FIRE STOP ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES AND CONCEALED WALL SPACES
- AT THE CEILING, FLOOR, AND ROOF LEVELS. 3. INSTALL SOLID BLOCK BEHIND ALL RECESSED WALL UNITS AS REQUIRED TO MAINTAIN FIRE RATINGS.
- 4. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS SHALL BE IDENTIFIED WITH STENCILING AT INTERVALS NOT TO EXCEED 30'. REFER TO CODE PLAN FOR WALLS REQUIRED TO BE PROTECTED.
- 5. ALL PENETRATIONS AT SMOKE AND FIRE RATED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PROTECTED, SEALED OR DAMPERED USING ONLY U.L. AND / OR I.C.B.O. APPROVED METHODS, MATERIALS AND INSTALLATION.
- 6. SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR EXIT SIGNAGE LOCATIONS. 7. ALL EXITS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY OR SPECIAL KNOWLEDGE.
- 8. PANIC HARDWARE TO BE PROVIDED AT EACH EXIT DOOR FROM ROOMS WITH AN OCCUPANT LOAD 50 OR MORE INCLUDING MAIN CORRIDOR EXIT DOORS.
- 9. ALL ELEVATORS SHALL COMPLY WITH A.D.A., A.D.A.G.G. AND A.N.S.I. REQUIREMENTS.
- 10. SPECIAL STRUCTURAL INSPECTIONS ARE REQUIRED. REVIEW GENERAL STRUCTURAL NOTES AND SPECIFICATIONS FOR REQUIREMENTS.
- 11. FIRE SPRINKLERS AND FIRE ALARM SYSTEM SHALL BE PROVIDED PER NFPA NO. 13, 70 & 72. SUBMIT ALL REQUIRED DRAWING AND INFORMATION TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY RELATED WORK. OBTAIN APPROVAL OF COMPLETED SYSTEMS PRIOR TO FINAL ACCEPTANCE.

ACCESSIBILITY NOTES:

- 1. PUBLIC ENTRANCES: AT LEAST 60% SHALL BE ACCESSIBLE.
- 2. ACCESSIBLE ENTRANCES TO THE BUILDING SHALL BE IDENTIFIED BY THE INTERNATIONAL SIGN OF ACCESSIBILITY. 3. AN ACCESSIBLE ROUTE OF NOT LESS THAN 3 FT. WIDE MUST BE PROVIDED TO ALL PORTIONS OF THE BUILDING AND
- BETWEEN THE BUILDING AND THE PUBLIC WAY. ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM SLOPE OF 1:20 AND A MAXIMUM CROSS SLOPE OF 1:50.
- 4. ACCESSIBLE ROUTE SHALL BE WITHOUT STEPS OR CHANGES IN LEVEL GREATER THAN 1/2" WITHOUT AN APPROVED
- 5. ACCESSIBLE RAMPS THAT ARE REQUIRED BY ANSI A 117.1 SHALL NOT HAVE A SLOPE THAT EXCEEDS 1FT. IN 12 FEET. RAMPS AND GROUND SURFACES SHALL BE OF A SLIP RESISTANT SURFACE. 6. THRESHOLDS MUST BE 1/2" OR LESS IN HEIGHT.
- 7. ALL ACCESSIBLE PARKING SPACES MUST HAVE A SIGN THAT INCLUDES THE INTERNATIONAL SIGN OF ACCESSIBILITY. PARKING SPACE WILL BE OUTLINED IN A CONTRASTING COLOR WITH THE INTERNATIONAL SIGN OF ACCESSIBILITY PAINTED IN THE CENTER.
- 8. ALL ALARMS TO MEET ACCESSIBILITY REQUIREMENTS.

STRUCTURAL NOTES:

COORDINATE

B.F. TRANSFER SHOWER PLAN

3/8" = 1'-0"

B.F. & STAND. SINK W/ COUNTER

- 1. CONSTRUCTION AND/OR CONTROL JOINTS IN CONCRETE SHALL BE ON A 12'-0" SQUARE GRID (MAX.) UNLESS OTHERWISE NOTED. ALL CONSTRUCTION JOINTS SHALL BE DOWELED W/ 1/2" SMOOTH DOWELS AT 24" O.C. SEE DETAILS.
- 2. PROVIDE CONTINUOUS U-BLOCK BOND BEAMS AT THE LOCATIONS INDICATED ON WALL SECTIONS OR DETAILS. FILL U-BLOCKS WITH CONCRETE AND REINFORCE WITH (2) #5 BARS CONTINUOUS UNLESS NOTED OTHERWISE ON DRAWINGS.

_	ABBREVIATIONS						
_	A.D.A.	=	AMERICANS WITH DISABILITY ACT	ISO.			
	A.F.F.	=	ABOVE FINISHED FLOOR	INSU			
	ALT.	=	ALTERNATE	MFR.			
	ALUM.	=	ALUMINUM	MAX.			
	BD.	=	BOARD	M.B.			
	B.F.	=	BARRIER FREE	M.B.C			
	BATT.	=	BATTEN INSULATION	MECH			
	В.О.	=	BOTTOM OF	MIN.			
	BRG.	=	BEARING	MISC			
	C.J.	=	CONTROL JOINT	M.J.			
	CLG.	=	CEILING	M.O.			
	CONC.	=	CONCRETE	MTL.			
	CONT.	=	CONTINUOUS	N.I.C.			
	CONF.	=	CONFERENCE	NOM.			
	CORR.	=	CORRIDOR	0.C.			
	DIA.	=	DIAMETER	OPP.			
	DIM.	=	DIMENSION	P.LAN			
	DW.	=	DISHWASHER	P.T.			
	D.F.	=	DRINKING FOUNTAIN	REQ.			
	DN.	=	DOWN	REIN			
	DS.	=	DOWNSPOUT	R.D.			
	EQ.	=	EQUAL	SIM.			
	EL.	=	ELEVATION	SPEC			
	EX.	=	EXISTING	STD.			
	EXP.	=	EXPANSION	STOR			
	EXT.	=	EXTERIOR	S.S.			
	F.D.	=	FLOOR DRAIN	T.			
	F.E.	=	FIRE EXTINGUISHER	T.B.			
	F.E.C.	=	FIRE EXTINGUISHER CABINET	T&G			
	F.E.R.C.	=	FIRE EXT. RECESSED CABINET	T.O.F			
	F.E.S.C.	=	FIRE EXT. SEMI-RECESSED CABINET	T.O.N			
	FIN.	=	FINISHED	T.O.V			
	FLR.	=	FLOOR	TYP.			
	F.R.T.	=	FIRE RETARDANT TREATED	U.N.C			
	GA.	=	GAUGE	V.I.F.			
	GALV.	=	GALVANIZED	VERT			
	GYP.	=	GYPSUM BOARD	VEST			
	H.D.	=	HAND DRYER	W/			
	HORIZ.	=	HORIZONTAL	W.W.F			
	H.S.S.	=	HOLLOW STRUCTURAL SECTION				



B.F. & STANDARD LAVATORY

B.F. SIGNAGE









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CONSTRUCTION

ISSUANCES

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5-6394

DRAWN

REVIEWED AGS

PROJECT NO.

GENERAL NOTES DIMENSIONS AND LEGENDS -BP2

G0.01.2

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BUILDING SEPARATION PLAN - BP2

CLASSI ASSEM OCCUP EDUCAT (300 STU 30 ST

FICATION	OCCUPANCY	DESCRIPTION	MALE	FEMALE	MALE	FEMALE	DRINKING FOUNTAINS	OTHER
EMBLY	A-4	GYM WITH	1 PER 75	1 PER 40	1 PER 200	1 PER 150	1 PER 1000	1 SERVICE SINK
,694 IPANTS)		SPECIATOR SEATING	REQUIRED 12 ACTUAL 23	REQUIRED 22 ACTUAL 22	REQUIRED 5 ACTUAL 12	REQUIRED 6 ACTUAL 11	REQUIRED 2 ACTUAL 8	REQUIRED 1 ACTUAL 1
			2 ADDITIONAL	B.F. UNISEX	1 ADDITIONA	L B.F. UNISEX		
ATIONAL	E		1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1 SERVICE SINK
TUDENTS	FACILITIES	EDUCATIONAL FACILITIES	REQUIRED 4 ACTUAL 10	REQUIRED 4 ACTUAL 7	REQUIRED 4 ACTUAL 6	REQUIRED 4 ACTUAL 7	REQUIRED 4	REQUIRED 1
STAFF)			1 ADDITIONAL	B.F. UNISEX	2 ADDITIONA	L B.F. UNISEX	ACTUAL X	ACTUAL 1

LAVATORIES

WATER CLOSETS

GENERAL CODE NOTES:

- A. FIRE DEPARTMENT ACCESS AND WATER SUPPLY SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF VERTICAL CONSTRUCTION.
- B. FIRE STOP ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES AND CONCEALED WALL SPACES AT THE CEILING, FLOOR, AND ROOF LEVELS.
- C. INSTALL SOLID BLOCK BEHIND ALL RECESSED WALL UNITS AS REQUIRED TO MAINTAIN FIRE RATINGS.
- D. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS SHALL BE IDENTIFIED WITH STENCILING AT INTERVALS NOT TO EXCEED 30'. REFER TO CODE PLAN FOR WALLS REQUIRED TO BE PROTECTED.
- E. ALL PENETRATIONS AT SMOKE AND FIRE RATED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PROTECTED, SEALED OR DAMPERED USING ONLY U.L. AND / OR I.C.B.O. APPROVED METHODS, MATERIALS AND INSTALLATION.
- F. SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR EXIT SIGNAGE LOCATIONS.
- G. ALL EXITS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY OR SPECIAL KNOWLEDGE.
- H. ALL ELEVATORS SHALL COMPLY WITH A.D.A., A.D.A.G.G. AND A.N.S.I. REQUIREMENTS. I. SPECIAL STRUCTURAL INSPECTIONS ARE REQUIRED. REVIEW GENERAL STRUCTURAL NOTES AND SPECIFICATIONS FOR REQUIREMENTS.

J. FIRE SPRINKLERS AND FIRE ALARM SYSTEM SHALL BE PROVIDED PER NFPA NO. 13, 70 & 72. SUBMIT ALL REQUIRED DRAWING AND INFORMATION TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY RELATED WORK. OBTAIN APPROVAL OF COMPLETED SYSTEMS PRIOR TO FINAL ACCEPTANCE.





\sim 4 111 (ח BID RENOVATIONS S SCHOOL Ш ð Ζ S \succ TION MA ADD ERN Ŋ STI HOOL Ň ()S 111 S 3 ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN NCB REVIEWED TGD 5-6394 PROJECT NO. _____ NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -CODE PLAN - BUILDING SEPARATION - BP2 G1.01.2







#2 AGE \mathbf{O} ΡA BID RENOVATIONS SCHOOLS WAYNE **%** ADDITIONS WESTERN STOOF 111 3 ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN NCB REVIEWED TGD 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -----CODE PLAN - OVERALL PLAN -BP2 G2.01.2



LEGEND - CODE COMPLIANCE PLAN

KEYPLAN



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S SCHOOL Ш ΧN MA WESTERN

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CODE PLAN - UNIT 'B' LIFE SAFETY PLAN - BP2

G3.1B.2







			WATER C	CLOSETS	LAVATORIES			
DN	OCCUPANCY	DESCRIPTION	MALE	FEMALE	MALE	FEMALE	DRINKING FOUNTAINS	OTHER
	A-4	GYM WITH	1 PER 75	1 PER 40	1 PER 200	1 PER 150	1 PER 1000	1 SERVICE SINK
		SEATING	REQUIRED 12 ACTUAL 23	REQUIRED 22 ACTUAL 22	REQUIRED 5 ACTUAL 12	REQUIRED 6 ACTUAL 11	REQUIRED 2 ACTUAL 8	REQUIRED 1 ACTUAL 1
			2 ADDITIONAL	B.F. UNISEX	1 ADDITIONA	L B.F. UNISEX		
	E		1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1 SERVICE SINK
6		EDUCATIONAL FACILITIES	REQUIRED 4 ACTUAL 10	REQUIRED 4 ACTUAL 7	REQUIRED 4 ACTUAL 6	REQUIRED 4 ACTUAL 7	REQUIRED 4	REQUIRED 1
			1 ADDITIONAL	B.F. UNISEX	2 ADDITIONA	L B.F. UNISEX	ACTUAL X	ACTUAL 1

LEGEND - CODE COMPLIANCE PLAN

2-HR FW	FIRE WALLS (IBC SECTION 706) CREATE SEPARATE BUILDINGS. 2-HOUR FIRE RESISTANCE RATING, STRUCTURALLY ENGINEERED. 90-MINUTE SELF-CLOSING DOORS. GLAZING ONLY ALLOWED IF DESIGNED AND TESTED AS A WALL. GLAZED OPENINGS ARE PERMITTED IF RATED AS A WALL, PER ASTM E119 AND SECTION 716.2 (IBC) IN MAXIMUM SIZE TESTED.
+ + + + +	2-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (2-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. 90-MINUTE SELF-CLOSING DOORS (100 SQUARE INCHES MAXIMUM DOOR VISION PANEL). GLAZED OPENINGS ARE PERMITTED IF 2-HOUR RATED, PER ASTM E119 AND TABLE 716.5 (IBC) AND TABLE 8.3.4.2 (NFPA 101). OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WALL PER ROOM.
↓ ↓ ↓ ↓ ↓ ↓	1-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. OPENING SHALL BE LESS THAN 25% OF THE WALL. OPENING PROTECTIVES DEPEND ON TYPE OF ASSEMBLY PER TABLE 716.5 (IBC) AND TABLE 8.3.4.2 (NFPA 101).
	(CORRIDOR) FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) CORRIDOR FIRE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. 20-MINUTE SELF-CLOSING DOORS. GLAZED OPENINGS ARE PERMITTED IF 3/4-HOUR RATED, PER ASTM E119 IN THE MAXIMUM SIZE TESTED. OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WALL PER ROOM.
-1-HR SB	SMOKE BARRIER (IBC SECTION 709 / NFPA 101 - 8.5) SMOKE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). DIVIDE BUILDING INTO COMPARTMENTS TO RESTRICT MOVEMENT OF SMOKE. INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE 20-MINUTE SELF-CLOSING OR SMOKE ACTIVATED LABEL DOORS. GLAZED OPENINGS ARE PERMITTED IF 3/4-HOUR RATED, PER ASTM E119 IN THE MAXIMUM SIZE TESTED. OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WALL PER ROOM.
SMOKE SP	SMOKE PARTITION (IBC SECTION 710 / NFPA 101 - 8.4) SMOKE PARTITION (NO FIRE RESISTANCE RATING) FROM FLOOR SLAB TIGHT TO ROOF DECK OR SOLID CEILING ABOVE. GLAZED OPENINGS ARE PERMITTED (NO RATING REQUIRED) "PER NFPA 101 14.3.6(2)(B) SELF-CLOSING DOORS PER 8.4.3.5 ARE NOT REQUIRED FOR NORMALLY OCCUPIED CLASSROOMS"
64" W.	BUILDING EXIT WITH EGRESS WIDTH
46	OCCUPANT LOAD
1 ₂₀	DENOTES FIRE RESISTANCE RATING OF OPENING PROTECTIVE (IN MINUTES)
P	DENOTES PANIC HARDWARE DEVICE ON EACH DOOR LEAF
FE	FIRE EXTINGUISHER
- Ci	"ACCESSIBLE" ROUTE/ENTRANCE/EGRESS
E	EGRESS WINDOW LOCATION
	NOT IN SCOPE

128'



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SCHOOLS

WAYNE

WESTERN

04.15.2025 BIDS & CONSTRUCTION

ISSUANCES

DRAWN NCB REVIEWED TGD

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_____ CODE PLAN - UNIT 'C' LIFE SAFETY PLAN - BP2

G3.1C.2





			WATER (CLOSETS	LAVATORIES			
N	OCCUPANCY	DESCRIPTION	MALE	FEMALE	MALE	FEMALE	DRINKING FOUNTAINS	OTHER
	A-4	GYM WITH	1 PER 75	1 PER 40	1 PER 200	1 PER 150	1 PER 1000	1 SERVICE SINK
		SPECTATOR SEATING	REQUIRED 12 ACTUAL 23	REQUIRED 22 ACTUAL 22	REQUIRED 5 ACTUAL 12	REQUIRED 6 ACTUAL 11	REQUIRED 2 ACTUAL 8	REQUIRED 1 ACTUAL 1
			2 ADDITIONAI	I - B.F. UNISEX	1 ADDITIONA	L B.F. UNISEX		
	E	EDUCATIONAL	1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1 SERVICE SINK
		FACILITIES	REQUIRED 4 ACTUAL 10	REQUIRED 4 ACTUAL 7	REQUIRED 4 ACTUAL 6	REQUIRED 4 ACTUAL 7	REQUIRED 4	REQUIRED 1
			1 ADDITIONAL	B.F. UNISEX	2 ADDITIONA	L B.F. UNISEX	ACTUAL X	ACTUAL 1

LEGEND -	CODE	COMPL	IANCE	PL/	٩N

2-HR FW	FIRE WALLS (IBC SECTION 706) CREATE SEPARATE BUILDINGS. 2-HOUR FIRE RESISTANCE RATING, ST ENGINEERED. 90-MINUTE SELF-CLOSING DOORS. GLAZING ONLY ALLO AND TESTED AS A WALL. GLAZED OPENINGS ARE PERMITTED IF RATED ASTM E119 AND SECTION 716.2 (IBC) IN MAXIMUM SIZE TESTED.
2-HR FB	2-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (2-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL SLAB TO UNDERSIDE OF ROOF DECK ABOVE. 90-MINUTE SELF-CLOSING SQUARE INCHES MAXIMUM DOOR VISION PANEL). GLAZED OPENINGS A IF 2-HOUR RATED, PER ASTM E119 AND TABLE 716.5 (IBC) AND TABLE 8 OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WAL
← 1-HR FB	1-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL SLAB TO UNDERSIDE OF ROOF DECK ABOVE. OPENING SHALL BE LESS THE WALL. OPENING PROTECTIVES DEPEND ON TYPE OF ASSEMBLY P (IBC) AND TABLE 8.3.4.2 (NFPA 101).
	(CORRIDOR) FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) CORRIDOR FIRE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRE FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. 20-MINUTE DOORS. GLAZED OPENINGS ARE PERMITTED IF 3/4-HOUR RATED, PER / THE MAXIMUM SIZE TESTED. OPENING SHALL BE LESS THAN 25% OF TI CORRIDOR WALL PER ROOM.
1-HR SB	SMOKE BARRIER (IBC SECTION 709 / NFPA 101 - 8.5) SMOKE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). DIVID INTO COMPARTMENTS TO RESTRICT MOVEMENT OF SMOKE. INSTALL F SLAB TO UNDERSIDE OF ROOF DECK ABOVE 20-MINUTE SELF-CLOSING ACTIVATED LABEL DOORS. GLAZED OPENINGS ARE PERMITTED IF 3/4-F PER ASTM E119 IN THE MAXIMUM SIZE TESTED. OPENING SHALL BE LEE THE COMMON CORRIDOR WALL PER ROOM.
SMOKE SP	SMOKE PARTITION (IBC SECTION 710 / NFPA 101 - 8.4) SMOKE PARTITION (NO FIRE RESISTANCE RATING) FROM FLOOR SLAB DECK OR SOLID CEILING ABOVE. GLAZED OPENINGS ARE PERMITTED (REQUIRED) "PER NFPA 101 14.3.6(2)(B) SELF-CLOSING DOORS PER 8.4. REQUIRED FOR NORMALLY OCCUPIED CLASSROOMS"
64" W.	BUILDING EXIT WITH EGRESS WIDTH
<u><46</u> >	OCCUPANT LOAD
	DENOTES FIRE RESISTANCE RATING OF OPENING PROTECTIVE (IN MIN
P	DENOTES PANIC HARDWARE DEVICE ON EACH DOOR LEAF
FE	FIRE EXTINGUISHER
đi	"ACCESSIBLE" ROUTE/ENTRANCE/EGRESS
E	EGRESS WINDOW LOCATION
	NOT IN SCOPE



STRUCTURALLY OWED IF DESIGNED ED AS A WALL, PER

ALL FROM FLOOR NG DOORS (100 S ARE PERMITTED (8.3.4.2 (NFPA 101). ALL PER ROOM.

ALL FROM FLOOR SS THAN 25% OF PER TABLE 716.5

IRED). INSTALL TE SELF-CLOSING R ASTM E119 IN THE COMMON

VIDE BUILDING LL FROM FLOOR ING OR SMOKE (4-HOUR RATED, LESS THAN 25% OF

AB TIGHT TO ROOF D (NO RATING .4.3.5 ARE NOT

UTES)

UNIT F



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SCHOOLS YNE MA ERN WESTI

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CODE PLAN - UNIT 'D' LIFE SAFETY PLAN - BP2

G3.1D.2





			WATER C	LOSETS	LAVATORIES			
CLASSIFICATION OCC	CUPANCY	DESCRIPTION	MALE	FEMALE	MALE	FEMALE	DRINKING FOUNTAINS	OTHER
ASSEMBLY	A-4	GYM WITH	1 PER 75	1 PER 40	1 PER 200	1 PER 150	1 PER 1000	1 SERVICE SINK
(1,694 OCCUPANTS)		SEATING	REQUIRED 12 ACTUAL 23	REQUIRED 22 ACTUAL 22	REQUIRED 5 ACTUAL 12	REQUIRED 6 ACTUAL 11	REQUIRED 2 ACTUAL 8	REQUIRED 1 ACTUAL 1
			2 ADDITIONAL	. B.F. UNISEX	1 ADDITIONA	L B.F. UNISEX		
EDUCATIONAL	E		1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1 SERVICE SINK
(300 STUDENTS 30 STAFE)		EDUCATIONAL FACILITIES	REQUIRED 4 ACTUAL 10	REQUIRED 4 ACTUAL 7	REQUIRED 4 ACTUAL 6	REQUIRED 4 ACTUAL 7	REQUIRED 4	REQUIRED 1
			1 ADDITIONAL	. B.F. UNISEX	2 ADDITIONA	L B.F. UNISEX	NOT ONE X	ACTORE 1

LEGEND - CODE COMPLIANCE PLAN

2-HR FW	FIRE WALLS (IBC SECTION 706) CREATE SEPARATE BUILDINGS. 2-HOUR FIRE RESISTANCE RATING, STRUCTURALLY ENGINEERED. 90-MINUTE SELF-CLOSING DOORS. GLAZING ONLY ALLOWED IF DESIGNED AND TESTED AS A WALL. GLAZED OPENINGS ARE PERMITTED IF RATED AS A WALL, PER ASTM E119 AND SECTION 716.2 (IBC) IN MAXIMUM SIZE TESTED.
* * * * *	2-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (2-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. 90-MINUTE SELF-CLOSING DOORS (100 SQUARE INCHES MAXIMUM DOOR VISION PANEL). GLAZED OPENINGS ARE PERMITTED IF 2-HOUR RATED, PER ASTM E119 AND TABLE 716.5 (IBC) AND TABLE 8.3.4.2 (NFPA 101). OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WALL PER ROOM.
← 1-HR FB	1-HR FIRE BARRIER (IBC SECTION 707 / NFPA 101 - 8.3) FIRE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. OPENING SHALL BE LESS THAN 25% OF THE WALL. OPENING PROTECTIVES DEPEND ON TYPE OF ASSEMBLY PER TABLE 716.5 (IBC) AND TABLE 8.3.4.2 (NFPA 101).
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1-HR SB	SMOKE BARRIER (IBC SECTION 709 / NFPA 101 - 8.5) SMOKE BARRIER (1-HOUR FIRE RESISTANCE RATING REQUIRED). DIVIDE BUILDING INTO COMPARTMENTS TO RESTRICT MOVEMENT OF SMOKE. INSTALL FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE 20-MINUTE SELF-CLOSING OR SMOKE ACTIVATED LABEL DOORS. GLAZED OPENINGS ARE PERMITTED IF 3/4-HOUR RATED, PER ASTM E119 IN THE MAXIMUM SIZE TESTED. OPENING SHALL BE LESS THAN 25% OF THE COMMON CORRIDOR WALL PER ROOM.
SMOKE SP	SMOKE PARTITION (IBC SECTION 710 / NFPA 101 - 8.4) SMOKE PARTITION (NO FIRE RESISTANCE RATING) FROM FLOOR SLAB TIGHT TO ROOF DECK OR SOLID CEILING ABOVE. GLAZED OPENINGS ARE PERMITTED (NO RATING REQUIRED) "PER NFPA 101 14.3.6(2)(B) SELF-CLOSING DOORS PER 8.4.3.5 ARE NOT REQUIRED FOR NORMALLY OCCUPIED CLASSROOMS"
64" W.	BUILDING EXIT WITH EGRESS WIDTH
<u></u>	OCCUPANT LOAD
↓	DENOTES FIRE RESISTANCE RATING OF OPENING PROTECTIVE (IN MINUTES)
P	DENOTES PANIC HARDWARE DEVICE ON EACH DOOR LEAF
FE	FIRE EXTINGUISHER
đ	"ACCESSIBLE" ROUTE/ENTRANCE/EGRESS
E	EGRESS WINDOW LOCATION
	NOT IN SCOPE



KEYPLAN

STRUCTURALLY LOWED IF DESIGNED ITED AS A WALL, PER



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SCHOOLS

WAYNE

WESTERN

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04.15.2025 BIDS & CONSTRUCTION

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CODE PLAN - UNIT 'E' LIFE SAFETY PLAN - BP2

G3.1E.2











○ PLAN NOTES

- REMOVE EXISTING ASPHALT PAVEMENT COMPLETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
- REMOVE EXISTING CONCRETE CURB COMPLETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
- REMOVE EXISTING CONCRETE WALK AND CURB COMPLETE. MAKE
- STRAIGHT SAW-CUT AT NEXT ADJACENT JOINT. 4. REMOVE EXISTING PLANTINGS COMPLETE.
- 5. REMOVE EXISTING CONCRETE WALK COMPLETE.
- 6. REMOVE EXISTING CONCRETE COMPLETE.
- 7. REMOVE EXISTING BOLLARD COMPLETE.
- 8. REMOVE EXISTING CHAIN LINK FENCE AND GATE.
- 9. ADJUST CASTING TO PROPOSED GRADE. SEE GRADING PLAN.
- 10. ADJUST VALVES TO PROPOSED GRADE. SEE GRADING PLAN. 11. REMOVE EXISTING ABANDONED STORM PIPE AND STRUCTURES
- COMPLETE.
- 12. EXISTING LIGHT POLE TO BE REMOVED BY UTILITY COMPANY.







FEET





TRAFFIC MARKING AND SIGNAGE NOTES:

OF MICHIGAN BARRIER FREE CODE.

1. CONTRACTOR TO PROVIDE TRAFFIC MARKINGS AS SHOWN ON THIS PLAN. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING MARKINGS.

- 2. ALL SIGNAGE AND MARKINGS MUST MEET MICHIGAN MANUAL OF
- UNIFORM TRAFFIC CONTROL DEVICES STANDARD SHAPES AND SIZES. 3. ALL BARRIER FREE PARKING SPACES SHALL BE PER MOST RECENT VERSION





- 1. DO NOT BURY ANY DEBRIS, ROOTS, TOPSOIL OR OTHER MATERIALS. 2. PROPOSED WORK TO COMPLY WITH ALL APPLICABLE REGULATIONS AND REQUIREMENTS; RELATED LOCAL, COUNTY AND STATE CODES AND ORDINANCES; AND APPLICABLE ACCIDENT AND FIRE PROTECTION REGULATIONS.
- 3. PROTECT THE SITE, ADJACENT PROPERTY AND UTILITY SERVICES FROM DAMAGE OR DISRUPTION OF SERVICE/ACCESS. DAMAGE TO EXISTING STRUCTURE, SITE
- OR UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE. 4. ALL TREES TO REMAIN SHALL BE CAREFULLY PROTECTED. DO NOT DRIVE HEAVY EQUIPMENT WITHIN THE TREE'S DRIP LINE OR 12 FT OF TREE TRUNKS, WHICHEVER IS GREATER. BRANCHES WHICH ARE DAMAGED DURING DEMOLITION OF STRUCTURES AND/OR SURFACES SHALL BE CUT OUT AS DIRECTED BY THE ARCHITECT/ENGINEER. ANY ROOTS OF TREES BEING SAVED WHICH ARE

WITH SOIL. DAMAGED TREES MAY BE REPLACED AT THE DISCRETION OF THE ARCHITECT/ENGINEER AT THE EXPENSE OF THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.

- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FOR WORK IN ROW AND ON ANY UTILITY CONNECTIONS OR ABANDONMENT PRIOR TO THE START OF CONSTRUCTION.
- 6. CONTRACTORS TO REVIEW ALL SHEETS FOR RELATED INFORMATION. 7. LIST OF STANDARD ABBREVIATIONS -
- "A.F.F." = ABOVE FINISHED FLOOR "C/L"
 - = CENTER LINE = FINISH FLOOR ELEVATION

EXPOSED DUE TO DEMOLITION/REMOVAL SHALL BE COVERED WITHIN 6 HOURS

CASTI INV. 1 INV. 1







Know what's below. Call before you di











-4" WIDE PAINTED STRIPE, REFER TO SPECS., TYP.

└── 4" WIDE PAINTED STRIPE OR CURB FACE OR PAVEMENT EDGE - REFER TO PLANS

PAVEMENT SECTION LEVELING AGG. BASE SAND BASE WEARING LOCATION HEAVY DUTY XXXX XXXX XXXX XXXX STANDARD DUTY XXXX XXXX XXXX XXXX PEDESTRIAN XXXX XXXX XXXX XXXX DTES 1. REFER TO ASPHALT PAVING 32 12 16 AND GEOTECH REPORT FOR ADDITIONAL PAVING INFORMATION. 2. REFER TO PLANS FOR LOCATION OF UNDERDRAIN PLACEMENT.

3. REFER TO PLANS FOR PAVEMENT MARKINGS AND 32 17 23 FOR TRAFFIC MARKING SPEC.



SAWCUT JOINT, -----

AGGREGATE BASE -

SEE PLAN FOR TYP.

GRANULAR BASE, -SEE PLAN FOR TYP. SECTIONS

NOT TO SCALE

2

C8.01.2

SEE SECTION

SECTIONS

TACK COAT ON PRIOR TO PAVING

LEVELING COURSE

NEW TO EXISTING PAVEMENT TRANSITION

PER SPECS LEVELING COUL PER SPECS

WEARING COURSE

- LEVELING COURSE

- AGGREGATE BASE

- SAND SUBBASE

MDOT CLASS 2 OR

SUITABLE ONSITE SOILS

BURIED APPROX. 2.5FT

BELOW PROPOSED GRADE (REFER TO PLAN FOR LOCATION)

----- 4" OR 6" PERFORATED PIPE W/ MDOT 34R PEASTONE WRAPPED

IN 6 OZ NON-WOVEN GEOTEXTILE

PER MDOT SPEC 3.01

/*/

D-

— EXISTING

REMAIN

- EXISTING BASE TO

REMAIN

PAVING TO

STANDARD PAVEMENT SECTION NOT TO SCALE



#2 Ш Ċ \mathbf{O} BID RENOVATIONS SCHOOLS WAYNE TIONS & ADD ERN ဟ S \cap Ň ОН ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN NRE REVIEWED CLM 5-6394 PROJECT NO. ____ NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATABASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ SITE DETAILS - BP2 **C8.01.2**



	REINF	MINIMUM MA	ASONRY LAP LENGTHS	
	VERTICAL BARS SINGLE BAR	S IN TENSION- S IN CORE	VERTICAL B/ DOUBLE I	ARS IN TENSION- BARS IN CORE
BAR SIZE	8" CMU- SINGLE BAR	12" CMU- SINGLE BAR	8" CMU- DOUBLE BAR	12" CMU- DOUBLE BAR
#4	25"	25"	25"	25"
#5	25"	25"	25"	25"
#6	38"	25"	50"	28"
#7	54"	34"	72"	40"
#8	82"	52"	116"	64"

MECHANICAL SPLICES MAY BE USED IN LIEU OF LAPPED SPLICES. MECHANICAL SPLICE MUST DEVELOP 125% OF BAR TENSION STRENGTH



NON LOAD BEARING LINTEL SCHEDULE				
MASONRY OPENING	WALL TYPE	LINTEL		
	4" BRICK	L1		
0-0 104-0	6" / 8" / 10" / 12" CMU	U8 or L1		
	4" BRICK	L2		
	6" CMU	L5 x 5 x 5/16		
4-0 10 0-0	8" CMU	L2		
	10" / 12" CMU	L3		
	4" BRICK	L6 x 3 1/2 x 1/2 LLV		
6'-6" TO 10'-0"	6" CMU	L3		
	8" / 10" / 12" CMU	L4		
	4" BRICK	-		
10-0 10 14-0	6" / 8" / 10" / 12" CMU	L4		

FOR OPENINGS UNDER 4'-0", CM TO COORDINATE WHETHER STEEL OR MASONRY LINTELS WILL BE UTILIZED ON THE PROJECT.

FRAMING LEGEND

BP1

BOS BOD -----EOD EDGE OF DECK TCX VIF

USE THE FOLLOWING GUIDELINES FOR SECURING THE METAL ROOF DECK

_____<u>1.5B##</u>____

______<u>1.5BA</u>## 1 1/2" WID RIB ACOUSTICAL DECK - ## INDICATES GAUGE

HD

HOLD DOWN ANCHOR

U8 / L1 DENOTES LINTEL TYPE (SEE SCHEDULE) DENOTES BEARING PLATE TYPE (SEE SCHEDULE)

- CBP1 DENOTES COLUMN BASE PLATE TYPE (SEE SCHEDULE) W16x36 (S) DENOTES BEAM WITH STUDS ON TOP FLANGE
- (MINIMUM 3/4" DIA.) TOS DENOTES TOP OF STEEL ELEVATION
- DENOTES BOTTOM OF STEEL ELEVATION
- DENOTES BOTTOM OF DECK ELEVATION
- MOMENT CONNECTION
- TOP CHORD EXTENSION
- BCX BOTTOM CHORD EXTENSION
- ST. SLOPE DENOTES STRUCTURE SLOPES DOWN
- EX W16x36 THE "EX" DENOTES EXISTING STEEL TO REMAIN (ALL OTHER MEMBERS NOT NOTED WITH AN "EX." SHALL
 - BE NEW & FURNISHED AS PART OF THIS CONTRACT) VERIFY IN FIELD
- T-1 DENOTES ENGINEERED WOOD TRUSS TYPE (SEE SCHEDULE)

METAL DECK ATTACHMENT

TO ITS SUPPORTING STRUCTURE. 1. ALL 1.5 B DECK - USE 5/8" PUDDLE WELDS ON 36/4 PATTERN WITH #10 SCREW SIDELAP FASTENERS MINIMUM 2 PER SPAN, OR USE HILTI FASTENERS PER 05 31 00 ON 36/4 PATTERN WITH #10 SCREW SIDELAP FASTENERS MIN. 2 PER SPAN EXCEPT AT AUDITORIUM AND STAGE ROOF USE 36/7 PATTERN WITH SIDELAP FASTENERS AT 24" OC.

FLOOR & ROOF LEGEND

1 1/2" WIDE RIB DECK - ## INDICATES GAUGE

ABBREVIATIONS

A/F	ARCHITECT / ENGINEER	HORIZ	HORIZONTAL
ABV	ABOVE	HT	HEIGHT
AFF	ABOVE FINISHED FLOOR	ID	
ALT	ALTERNATE	IF	INSIDE FACE
AESS	ARCHITECTURALLY EXPOSED	INT	INTERIOR
	STRUCTURAL STEEL	LLH	LONG LEG HORIZONTAL
ARCH	ARCHITECT	LLV	LONG LEG VERTICAL
B.O.	BOTTOM OF	LW	LONG WAY
BFF	BELOW FINISHED FLOOR	MAX	MAXIMUM
BLDG	BUILDING	MBC	MICHIGAN BUILDING CODE
BLW	BELOW	MECH	MECHANICAL
BP	BEARING PLATE	MFR	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
C/C	CENTER-TO-CENTER	MISC	MISCELLANEOUS
CANT	CANTILEVER	NIC	NOT IN CONTRACT
CBP	COLUMN BASE PLATE	NOM	NOMINAL
CIP	CAST-IN-PLACE	NTS	NOT TO SCALE
CJ	CONTROL JOINT	0/0	OUT-TO-OUT
CJP	COMPLETE JOINT	00	ON CENTER
~	PENETRATION WELD	OD	OUTSIDE DIAMETER
CL	CENTERLINE	OF	
CLG		OPP	OPPOSITE HAND
CLR			
CONC		PEIVID	
CONC	CONCRETE	DEDD	
CONT	CONTINUOUS		
COORD			RADIUS
		REO	REQUIRED
DRF	DECK BEARING ELEVATION	REO'D	REQUIRED
DIA	DIAMETER	REINE	REINFORCE
DIM	DIMENSION	RD	ROOF DRAIN
DP	DECK PLATE	RXN	REACTION
EA	EACH	SC	SLIP CRITICAL
EF	EACH FACE	SF	STEP FOOTING
EL	ELEVATION	SIM	SIMILAR
EQ	EQUAL	SOG	SLAB ON GRADE
EOR	ENGINEER OF RECORD	SPEC	SPECIFICATION
ES	EACH SIDE	STD	STANDARD
EW	EACH WAY	STL	STEEL
EX	EXISTING	SW	SHORT WAY
EXP	EXPANSION	T.O.	TOP OF
EXT	EXTERIOR	T&B	TOP AND BOTTOM
FD	FLOOR DRAIN	IYP	TYPICAL
FDN	FOUNDATION	UNO	UNLESS NOTED
		VEDT	
FLK			
		W/O	
GYP			
UIF		V V V V I	

GENERAL FOUNDATION NOTES

- 1. PLAN ELEVATION 100'-0" = SITE DATUM PER CIVIL 2. FOUNDATIONS WILL BE PLACED IN BOTH THE NATIVE SOIL AND NEW SAND FILL. PRIOR TO PLACING CONCRETE THE BEARING SURFACE SHALL BE COMPACTED TO A DENSITY OF 95.0 PERCENT OF ITS MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. REFERENCE THE SOILS REPORT FOUND IN THE SPECIFICATIONS FOR ADDITIONAL RECOMMENDATIONS.
- 3. ON SITE EXCAVATED SOILS MAY BE USED FOR BACKFILLING OF FOUNDATIONS EXCEPT AT RETAINING WALLS WHERE CLEAN SAND MEETING MOOT CLASS II STANDARDS SHALL BE USED. THE WATER CONTENT OF ALL CLAY MATERIALS BEING PLACED SHALL BE 15.0 PERCENT OR LESS. FOLLOW THE RECOMMENDED INSTALLATION AND COMPACTION PROCEDURES FOR FILL AS OUTLINED IN THE SPECIFICATIONS AND SOILS REPORT.
- 4. STEP FOOTINGS AT A MINIMUM 3 UNITS HORIZONTAL TO ONE (1) UNIT VERTICAL, WITH MAXIMUM 24" VERTICAL STEP. SEE TYP STEPPED
- FOOTING DETAIL. 5. LAP CONTINUOUS REINFORCING PER SCHEDULE. PROVIDE CORNER
- BARS FOR HORIZONTAL REINFORCING OF SAME SIZE. 6. SET FOUNDATION SLEEVES ON TOP OF FOOTING UNLESS NOTED
- OTHERWISE. 7. INSTALL UNDERGROUND DRAINAGE AROUND PERIMETER FOUNDATIONS AS SHOWN IN TYPICAL FOUNDATION DRAIN DETAIL. PROVIDE POSITIVE DRAINAGE OUTLET TO SITE STORM SYSTEM.
- 8. ON SITE WITH CLAY SOIL CONDITIONS, PROVIDE PVC WEEP HOLE SLEEVES THRU BOTTOM OF FOUNDATION WALL AT APPROXIMATELY 50 FOOT CENTERS TO DRAIN INTERIOR FILL.
- 9. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS OF OPENINGS, EQUIPMENT PADS, EMBEDDED ITEMS, RECESSES, DRAINS, PIPE SLEEVES, ELECTRICAL CONDUITS, ETC BEFORE POURING CONCRETE. CONTRACTOR SHALL BE AWARE AND VERIFY THE LOCATIONS OF ALL UNDERGROUND TANKS, UTILITIES, ETC. DO NOT DAMAGE EXISTING UTILITIES DURING EXCAVATION.
- 10. REFER TO FOUNDATION PLANS FOR LOCATED FOOTING STEPS. FIELD CONDITIONS, PENETRATIONS OR OTHER EQUIPMENT MAY DICTATE FURTHER FOOTING STEPS. CONTRACTOR SHALL REFER TO MECHANICAL, PLUMBING, AND CIVIL DRAWINGS FOR UTILITY LOCATIONS AND LOCATE OTHER STEPPED FOOTINGS AS REQUIRED.

GENERAL SLAB NOTES

- 1. FLOOR SLABS ON GRADE SHALL BE MINIMUM 4" THICK CONCRETE WITH SYNTHETIC FIBER REINFORCEMENT PER SPECIFICATIONS. SLABS AT RADIANT FLOORS, AT GYMNASIUM, THE COMMONS AREAS, AND STAGE SHALL BE MINIMUM 5" THICK. SEE PLANS FOR WHERE WWF IS REQUIRED.
- 2. ALL FLOOR SLABS ON GRADE SHALL BE PLACED ON 10 MIL VAPOR BARRIER OVER MINIMUM 8" COMPACTED CLEAN SAND FILL MEETING MDOT CLASS I I STANDARDS PLACED ON COMPACTED SUITABLE SUB GRADE (UNO IN GEOTECHNICAL REPORT FOR THE SPECIFIC PROJECT).
- . INSTALL CONSTRUCTION AND/OR CONTROL JOINTS FOR SLABS ON GRADE ON A MAXIMUM "3 X THICKNESS" SQUARE GRID (EG - 12'-0" FOR 4" SLAB) OR AS SHOWN ON THE FLOOR FINISH PLANS. REFERENCE TYP CONSTRUCTION AND CONTROL JOINT DETAILS. FLOOR SLABS AT GYMNASIUM, WEIGHT ROOM, AND STAGE SHALL BE MONOLITHIC POURS WITHOUT ANY JOINTS.
- 4. SLAB EDGE DETAIL: PROVIDE BOND BREAKER AT ALL SLAB TO WALL LOCATIONS. SEE SPECIFICATION.

GENERAL STRUCTURAL NOTES

- 1. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION, AND WITH THE ARCHITECT'S APPROVAL MAKE ANY AND ALL NECESSARY MODIFICATIONS TO ENSURE A PROPER FIT.
- 2. COORDINATE ALL WORK INCLUDING DEMOLITION WITH ALL OTHER TRADES AND WITH THE REQUIREMENTS FOUND IN THE CONSTRUCTION DOCUMENTS.
- 3. THE EXISTING STRUCTURAL PLANS ARE DIAGRAMMATIC AND ARE BASED ON EXISTING OWNER DOCUMENTS AND LIMITED FIELD INVESTIGATION. VARYING & HIDDEN CONDITIONS MAY EXIST. IF DISCREPANCIES ARE FOUND. NOTIFY THE ARCHITECT & ENGINEER FOR DIRECTION / RESOLUTION BEFORE CONTINUING WORK IN THOSE AREAS

MASONRY NOTES

- 1 VERTICAL REINFORCING BARS SHALL HAVE DOWELS INTO THE FOUNDATION AND EXTEND INTO THE CONTINUOUS BOND BEAM AT THE TOP OF THE WALL.
- 2. WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL BLOCK CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN SIX VERTICAL. DOWELS MAY BE GROUTED INTO A CELL ADJACENT TO THE VERTICAL WALL REINFORCING.
- 3. CONTINUOUS BOND BEAMS TO HAVE (2) #5 BARS IN 8" WALLS & (3) #5 BARS IN 12" WALLS, TYP.
- FOR ADDITIONAL DETAILS.
- 5. ALL BAR LAPS TO BE PER "MINIMUM MASONRY REINFORCEMENT LAP LENGTH" SCHEDULE.
- 6. CORES WITH VERTICAL REINFORCING SHALL BE GROUTED SOLID FOR FULL HEIGHT OF WALL. ALL GROUT SHALL BE CONSOLIDATED BY VIBRATION WITHIN CORES. 7. 16" CMU MASONRY WALL MUST BE SINGLE WYTHE NOT (2) 8" WYTHES.
- 8. FULL HEIGHT VERTICAL REINFORCING SHALL BE REQUIRED ON BOTH
- SIDES OF ALL BEARING WALL OPENINGS. 9. CELL FOAM FILL ALL BLOCK WALLS AT TOILET ROOMS DIRECTLY
- ADJACENT TO CLASSROOMS. SEE ARCHITECTURE FOR REQUIREMENTS. 10. ALL CORNERS & INTERSECTIONS (INTERIOR, EXTERIOR, BEARING &
- NON-BEARING WALLS) TO HAVE RIGID ANCHORS CONNECTING THE WALLS AT 32" OC VERTICALLY UNLESS MASONRY BLOCK IS TOOTHED TOGETHER A MINIMUM OF 4"
- 11. ALL TEMPORARY BRACING DURING CONSTRUCTION AS REQUIRED BY THE GOVERNING BUILDING CODE FOR LATERAL LOADING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 12. LINTELS SHALL OCCUR AT ALL OPENINGS GREATER THAN 2'-0". 13. LINTELS AT NON LOAD BEARING WALL OPENINGS ARE NOT SHOWN ON PLAN. CONTRACTOR TO COORDINATE OPENING LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. PROVIDE LINTELS

PER THE NON LOAD BEARING LINTEL SCHEDULE.

14. MASONRY CORES SHALL BE GROUTED FULL 3 COURSES DOWN MINIMUM BELOW ALL LINTEL, BEAM AND JOIST BEARING LOCATIONS ON BOTH NEW AND EXISTING MASONRY. POCKET WALL AS NECESSARY, GROUT, AND PATCH WALL TO MATCH ADJACENT MATERIAL.

TRUCTURAL DESIGN DATA

BUILDING CODE: INDIANA BUILDING CODE 2014 & ASCE 7-10 1. RISK CATEGORY 111 2. ROOF SNOW LOAD: GROUND SNOW LOAD (Pa) 20 psf FLAT ROOF SNOW LOAD (Pf) 22 psf SNOW EXPOSURE FACTOR (Ce) SNOW LOAD IMPORTANCE FACTOR (Is) THERMAL FACTOR (Ct) ADDITIONAL SNOW DRIFT LOAD: ALL STRUCTURAL FRAMING INCLUDING JOISTS & TRUSSES HAVE BEEN DESIGNED FOR ADDITIONAL DRIFTING SNOW IN COMPLIANCE WITH THE BUILDING CODE AND ASCE 7-10 ROOF DEAD LOAD: ROOF FRAMING (NO FUTURE FLOOR) ROOF DECK 3 psf ROOFING 2 psf INSULATION STRUCTURE 4 psf MEP / FIRE PROTECTION 5 psf 2 psf CEILING <u>2 psf</u> 20 ps HANGING ATHLETIC EQUIP 10 psf (GYM ONLY - BOT CHORD) 3. WIND LOAD: ULTIMATE WIND SPEED (3 SEC. GUST) 120 mph WIND FXPOSURF INTERNAL PRESSURE COEFFICIENT (Gcpi) 0.18 COMPONENTS & CLADDING PRESSURE (asd): FLAT ROOFS (BASED ON 20 SF) UPLIFT WITHIN 16' OF CORNER 56 psf UPLIFT WITHIN 16' OF EDGE 43 psf UPLIFT INTERIOR 33 ps 21 psf WALLS COMPONENTS & CLADDING PRESSURE (ult): FLAT ROOFS (BASED ON 20 SF) UPLIFT WITHIN 16' OF CORNER 94 psf UPLIFT WITHIN 16' OF EDGE 71 psf UPLIFT INTERIOR 54 psf WALLS 35 psf 4. DESIGN SOIL BEARING CAPACITY (ASSUMED): COLUMN FOOTINGS 3000 psf WALL FOOTINGS 2500 psf 5. DESIGN STRESSES: CONCRETE FOOTINGS & FOUNDATIONS f'c = 4000 psi SLABS-ON-GRADE f'c = 4000 psi ELEVATED SLABS & TOPPINGS f'c = 4000 psi PRFCAST f'c = 5000 psi REINF. STEEL Fy = 60,000 psi STEEL W SHAPES Fy = 50,000 psi RECT HSS SHAPES Fy = 50,000 psi ROUND HSS & PIPE SHAPES Fy = 46,000 psi ALL OTHER SHAPES Fy = 36,000 psi

GENERAL STEEL FRAMING NOTES

WELDING ELECTRODE

MASONRY

CMU

GROUT

METAL DECK (FLOOR & ROOF)

Fy = 50,000 psi

2500 psi units

f'm = 2200 psi

f'c = 2200 psi

- 1. SEE ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STEEL REQUIRED NOT LIMITED TO ANGLES, PLATES, CHANNELS, RAILINGS, AND POSTS.
- 2. MASONRY CORES SHALL BE GROUTED FULL 3 COURSES DOWN MINIMUM BELOW ALL LINTEL, BEAM AND JOIST BEARING LOCATIONS ON BOTH NEW AND EXISTING MASONRY. POCKET WALL AS
- NECESSARY, GROUT, AND PATCH WALL TO MATCH ADJACENT MATERIAL.
- 3. ROOF DECK TO BE 1.5B 20 GA PAINTED WELDED 36/4 PATTERN (12" OC) WITH (2) SIDE LAP FASTENERS PER SPAN UNLESS NOTED OTHERWISE. ALL CANOPY ROOF DECK TO BE GALVANIZED.
- 4. FURNISH & INSTALL 20 GA FLAT PLATE FILLERS & COVERS AT DECK EDGES AND AT TRANSITION LINES OF ORIENTATION CHANGES AS
- REQ'D. 5. FURNISH & INSTALL ALL JOIST BRIDGING & BRACING AS NOTED OR AS
- REQUIRED BY THE STEEL JOIST INSTITUTE (SJI).
- 6. PROVIDE FRAMES FOR ROOF SUMPS AND FOR ALL OTHER ROOF OPENINGS REQUIRED ON PLANS PER TYPICAL ROOF FRAME DETAILS.
- 7. STEEL MEMBERS EXPOSED TO EXTERIOR CONDITIONS (INCLUDING LINTELS) REQUIRE GALVANIZING. ALL CANOPY STEEL TO BE GALVANIZED EVEN WHERE NOT LEFT EXPOSED TO VIEW.
- 8. DESIGN JOISTS FOR A NET WIND UPLIFT FORCE OF 25 PSF AND FOR ANY MECHANICAL LOADS AS INDICATED ON PLANS.
- 9. DESIGN JOIST SEATS FOR A MINIMUM ROLLOVER FORCE OF 2000 LBS.
- 10. ALL COLUMN, BASE PLATE, AND ANCHOR BOLTS BELOW GRADE MUST BE ENCASED IN CONCRETE OR COATED W/ BITUMINOUS MATERIAL.
- 11. PROVIDE BEARING PLATE WITH SLOTTED HOLES PER LINTEL SCHEDULE AT ONE END OF ALL STEEL BEAMS WHERE THE BEAM RUNS PARALLEL TO THE CMU WALLS SUPPORTING IT.
- 12. COORDINATE AND FIELD VERIFY ALL MECHANICAL EQUIPMENT & OPENING LOCATIONS & SIZES FOR SUPPORTS & FRAMES.
- 13. UNO ON PLANS, BEAMS OR JOISTS ARE EQUALLY SPACED BETWEEN COLUMNS OR ALONG GIRDERS. 14. IT IS THE FABRICATOR'S RESPONSIBILITY TO DESIGN AND DETAIL ALL MOMENT CONNECTIONS IN ACCORDANCE WITH CURRENT AISC STANDARDS AND SPECIFICATIONS BASED ON THE LOADS PROVIDED
- SHOP DRAWINGS (THAT INDICATE ALL CONNECTION REQUIREMENTS) AND CALCULATIONS SHALL BE SEALED BY A REGISTERED ENGINEER IN THE STATE OF MICHIGAN AND SUBMITTED FOR REVIEW. 15. IT IS THE FABRICATOR'S RESPONSIBILITY TO DESIGN AND DETAIL ALL
- STEEL BEAM SPLICES (WHETHER INDICATED IN DRAWINGS OR PROVIDED FOR ERECTION REASONS) IN ACCORDANCE WITH CURRENT AISC STANDARDS AND SPÉCIFICATIONS BASED ON THE LOADS PROVIDED. SHOP DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A REGISTERED ENGINEER IN THE STATE OF MICHIGAN AND SUBMITTED FOR REVIEW. SEE SPEC FOR ADDITIONAL INFO.
- 16. UNO, DESIGN FOR MIN 10K SHEAR REACTION

4. CONTROL JOINTS SHALL BE LOCATED AT 24'-0" OC MAX. SEE \$0.02



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CONSTRUCTION

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STRUCTURAL GENERAL INFORMATION AND SCHEDULES





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UNIT 'D' ROOF FRAMING PLAN











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UNIT 'E' FRAMING PLAN

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TYPICAL INTERIOR FOUNDATION DETAIL





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FOUNDATION DETAILS







LEGEND

	TAPERED RIGID INSULATION (1/4" PER FOOT SLOPE UNLESS NOTED
	TAPERED RIGID INSULATION (@ 1/2" SLOPE PER FOOT AT C CRICKETS SLOPE TO ROOF DI
ST. SLOPE	DIRECTION OF STRUCTURAL ROOF SLOPE. (SEE STRUCTUR PLANS FOR ROOF FRAMING SLOPES)
SLOPE	DIRECTION OF ROOF SLOPE. WITH TAPERED INSULATION
O	STANDARD ROOF DRAIN
C-RD-5-1	ROOF DRAIN LABEL ROOF DRAIN NUMBE ROOF AREA (SEE RO RD OR ORD C OR NOTHING
+ 7 1/4"	THICKNESS OF TAPERED INSU PERIMETER OR DRAIN (NOT IN BASE INSULATION THICKNESS
• CR#1	CORE SAMPLE LOCATIONS SE LEGEND FOR DESCRIPTION
	ROOF HATCH
	ROOF WALKWAY PAD (SEE SPEC. FOR MATERIAL)

GENERAL NOTES

- 1. ROOF DETAILS LOCATED ON SHEET A7.04 ROOF DRAIN ROOF OVERFLOW DRAIN FASTENING ENHANCEMENT AT CORNER - SEE SPEC AND DETAIL PLUMBING VENT STACK FLASHING METAL COPING SPLICE DETAIL ROOF CURB DETAIL 2. RE-ROOFING EXISTING NAILERS / BLOCKING TO REMAIN:
- WILL COMPLY TO MEET THE WIND UP LIFT CRITERIA. REMOVE ALL DAMAGED NAILERS / BLOCKING AND / OR INSTALL ADDITIONAL FASTENER AS REQUIRED TO COMPLY. 3. REFER TO PLUMBING DRAWINGS FOR LOCATION AND NUMBER OF
- PLUMBING VENTS THRU ROOF. 4. REFER TO MECHANICAL DRAWINGS TO COORDINATE ALL ROOF PENETRATIONS & LOCATIONS.
- 5. PROVIDE 1/2" TAPERED CRICKETS AT ALL ROOF HATCHES AND MECHANICAL ROOF PENETRATIONS UNLESS OTHERWISE NOTED.
- 6. SEE SPECIFICATION FOR ROOFING SYSTEM TO BE USED AND ROOF PLAN FOR LOCATIONS OF TAPERED INSULATION AND OR SLOPE CHANGES OF ROOF.
- 7. CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL SQUARE FOOTAGE VALUES NOTED ON PLANS 8. IN AREAS WHERE EXISTING ROOF DRAINS ARE BEING REPLACED WITH NEW ROOF DRAIN TO BE INSTALLED IN THE EXACT LOCATION
- REQUIRED. 9. SCUPPER LOCATIONS TO BE COORDINATED SO THAT THEY DO NOT APPEAR OVER DOORS, WINDOWS OR MECHANICAL LOUVERS 10. STANDARD ROOF ABBREVIATIONS RD = ROOF DRAIN ORD = OVERFLOW ROOF DRAIN EF = EXHAUST FAN IV = INTAKE VENT

RTU = ROOF TOP UNIT

RV = RELIEF VENT

NSULATION (4' - 0" SECTIONS) OPE UNLESS OTHERWISE

NSULATION (4' - 0" SECTIONS FOOT AT CRICKETS) TO ROOF DRAINS.

EE STRUCTURAL F FRAMING

RAIN NUMBER REA (SEE ROOF KEYPLAN) OTHING APERED INSULATION AT RAIN (NOT INCLUDING N THICKNESS) DCATIONS SEE SCRIPTION

CONTRACTOR TO FIELD VERIFY THE EXISTING NAILERS / BLOCKING

TAPER SHALL PROVIDE DRAINAGE AROUND HATCH AND EQUIPMENT.

OF EXISTING AND WILL BE CONNECTED TO EXISTING PIPING AS



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ISSUANCES

OVERALL ROOF PLAN - BP2





TO METAL DECK



-ROOF AREA - D1 APPROX. 612 SQFT

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	TAPERED RIGID INSULATION (1/4" PER FOOT SLOPE UNLESS NOTED
	TAPERED RIGID INSULATION (@ 1/2" SLOPE PER FOOT AT C CRICKETS SLOPE TO ROOF DI
ST. SLOPE	DIRECTION OF STRUCTURAL ROOF SLOPE. (SEE STRUCTUI PLANS FOR ROOF FRAMING SLOPES)
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GENERAL NOTES

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 METAL COPING SPLICE DETAIL ROOF CURB DETAIL
- DAMAGED NAILERS / BLOCKING AND / OR INSTALL ADDITIONAL FASTENER AS REQUIRED TO COMPLY. 3. REFER TO PLUMBING DRAWINGS FOR LOCATION AND NUMBER OF PLUMBING VENTS THRU ROOF.
- 4. REFER TO MECHANICAL DRAWINGS TO COORDINATE ALL ROOF PENETRATIONS & LOCATIONS.
- PROVIDE 1/2" TAPERED CRICKETS AT ALL ROOF HATCHES AND MECHANICAL ROOF PENETRATIONS UNLESS OTHERWISE NOTED. TAPER SHALL PROVIDE DRAINAGE AROUND HATCH AND EQUIPMENT.
- 6. SEE SPECIFICATION FOR ROOFING SYSTEM TO BE USED AND ROOF PLAN FOR LOCATIONS OF TAPERED INSULATION AND OR SLOPE CHANGES OF ROOF.
- 7. CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL SQUARE FOOTAGE VALUES NOTED ON PLANS 8. IN AREAS WHERE EXISTING ROOF DRAINS ARE BEING REPLACED WITH NEW ROOF DRAIN TO BE INSTALLED IN THE EXACT LOCATION OF EXISTING AND WILL BE CONNECTED TO EXISTING PIPING AS
- REQUIRED. 9. SCUPPER LOCATIONS TO BE COORDINATED SO THAT THEY DO NOT APPEAR OVER DOORS, WINDOWS OR MECHANICAL LOUVERS 10. STANDARD ROOF ABBREVIATIONS RD = ROOF DRAIN ORD = OVERFLOW ROOF DRAIN EF = EXHAUST FAN
- IV = INTAKE VENT RTU = ROOF TOP UNIT RV = RELIEF VENT



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NSULATION (4' - 0" SECTIONS FOOT AT CRICKETS) TO ROOF DRAINS.

EE STRUCTURAL F FRAMING

RAIN NUMBER REA (SEE ROOF KEYPLAN) OTHING APERED INSULATION AT RAIN (NOT INCLUDING N THICKNESS) OCATIONS SEE SCRIPTION

2. RE-ROOFING EXISTING NAILERS / BLOCKING TO REMAIN: CONTRACTOR TO FIELD VERIFY THE EXISTING NAILERS / BLOCKING WILL COMPLY TO MEET THE WIND UP LIFT CRITERIA. REMOVE ALL



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OVERALL ROOF PLAN - BP2 -ALTERNATE A-5







- DEMOLITION CONTRACTOR IS TO STOP WORK IMMEDIATELY IN AREA IF ASBESTOS IS ENCOUNTERED.
 NOTIFY CONSTRUCTION MANAGER OF SUSPECTED AREA SO PROPER ABATEMENT CAN BE DONE. (UNDER A SEPARATE ASBESTOS ABATEMENT CONTRACT AS NEGOTIATED BY OWNER.)
- ALL MASONRY BLOCK AND BRICK WALLS TO BE REMOVED MUST BE TOOTHED TO RECEIVE NEW
- MASONRY, UNLESS NOTED OTHERWISE ON DRAWINGS. DEMOLITION CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND BRACING FOR EXISTING
- ROOF/FLOOR STRUCTURE AS REQUIRED UNTIL PERMANENT WALLS & LINTELS ARE INSTALLED. REFER TO STRUCTURAL & ARCHITECTURAL DRAWINGS FOR BEARING CONDITIONS. ALL TRADES ARE TO COORDINATE ANY DEMOLITION, CAPPING OR ABANDONMENT OF EXISTING
- MECHANICAL, ELECTRICAL, PLUMBING OR ARCHITECTURAL ITEMS. • ALL ITEMS TO BE SAVED AND/OR RELOCATED ARE TO BE STORED IN A PROPER MANNER SO NO

DAMAGE WILL OCCUR TO THESE ITEMS DURING THEIR STORAGE PERIOD.

- ALL DEMOLITION WHICH DAMAGES ADJACENT SURFACES IS TO BE REPAIRED TO MATCH THE
 EXISTING SURFACE DAMAGED (MATERIALS & FINISHES) AND ALL REPAIR WORK IS TO BE COORDINATED WITH NEW CONSTRUCTION. FOR NEW OPENINGS IN EXISTING WALLS, COORDINATE NEW LINTELS W/ MASONRY CONTRACTOR.
- PATCH WALLS & ROOF TO MATCH EXISTING CONSTRUCTION BEHIND REMOVAL OF WALL LOUVERS, EXHAUST FANS, INTAKE HOODS & CABINET HEATERS. VERIFY SEQUENCE OF REMOVAL W/ CONSTRUCTION MANAGER. SEE MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR WALL, ROOF & FLOOR OPENINGS TO BE PATCHED.
- ALL TRADES ARE TO COORDINATE THE REMOVAL OF EXISTING LOOSE EQUIPMENT WITH ARCHITECT AND/OR OWNER. ADDITIONAL EQUIPMENT FOUND THAT IS NOT NOTED ON DEMOLITION PLAN SHALL BE REMOVED AS PART OF GENERAL DEMOLITION AFTER VERIFICATION WITH ARCHITECT/OWNER.
- REMOVE EXISTING WALL INCLUDING DOORS, WINDOWS, BORROWED LITES, AND ANY EQUIPMENT OR FURNISHINGS ATTACHED TO WALL OR PORTION OF EXISTING WALL AS SHOWN ON FLOOR PLAN (MIN. 4" BELOW FLOOR SLAB) AND AS REQUIRED FOR NEW CONSTRUCTION. FLOOR SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW FLOOR MATERIAL. WALL SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW WALL FINISH. SEE MECHANICAL & ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS. SUPPORT UNBRACED SECTIONS OF WALL OR ROOF AS REQUIRED.
- REMOVE EXISTING BORROWED LITE OR DOOR & DOOR FRAME. (DOOR LINTEL TO REMAIN UNLESS OTHERWISE NOTED ON PLAN - SEE STRUCTURAL FOR ADDITIONAL INFORMATION). WHERE DOOR FRAMES ARE TO REMAIN, PROTECT FRAMES FROM DAMAGE. SAND AND PREP FOR NEW PAINT FINISH UNDER SECTION 09 90 00 SEE DOOR SCHEDULE FOR REQUIRED NEW DOORS AND FRAMES OR ONLY NEW DOORS.
- SAW CUT AND REMOVE FLOOR OR PORTION OF EXISTING FLOOR SLAB AS SHOWN OR DIMENSIONED ON angle Floor Plan. Excavate, Fill & Compact soil as required for New Slab- coordinate with MECHANICAL/ ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS & LOCATIONS. INSTALL NEW SLAB TO MATCH EXISTING ELEVATION. SEE STRUCTURAL FOR ADDITIONAL INFORMATION REGARDING SLAB REMOVAL. REMOVE EXISTING CASEWORK/MILLWORK, COUNTER TOPS & BACK SPLASH. SAVE ITEMS AT OWNER'S
- (04) REQUEST.
- REMOVE EXISTING SUSPENDED/PLASTER CEILING INCLUDING ALL FRAMING, TILES, TEES, HANGERS & (05) REMOVE EXISTING SUSPENDED/PLASTER CEILING - INCLUDING ALL FRAMING, TIL WIRES USED TO SUPPORT THAT CEILING. REPLACE PER REFL. CEILING PLANS.

WINDOW, FRAME, SILL & GLAZING INCLUDING ALL EXISTING WOOD BLOCKING AND FRAMING ABOVE WINDOWS TO ROOF AND/OR MASONRY TIES AT BRICK PIERS AND SIDE WALLS.
 COB
 REMOVE EXISTING EQUIPMENT OR FURNISHINGS SECURED TO FLOOR, WALL OR CEILING AND STORE FOR

 REUSE BY OWNER.
 REUSE BY OWNER.
 REMOVE EXISTING CHALK, TACK OR WHITE BOARD. REMOVE ALL GLUE RESIDUE, ETC. FROM BLOCK BEHIND (09) BOARD AND PREPARE SURFACE FOR NEW FINISH MATERIALS WHERE REQUIRED. REMOVE EXISTING FLOOR COVERING AND BASE, INCLUDING ALL GLUE RESIDUE, MUDBEDS, ETC. FROM (10) FLOORS & WALLS AND PREPARE SURFACE FOR NEW FINISH MATERIALS, INCLUDING GRINDING, PATCHING AND/OR SELF-LEVELING COMPOUND AS REQUIRED. WALL & FLOOR SURFACE TO RECEIVE NEW FINISH MATERIAL & PATCH TO MATCH EXISTING. REMOVE PORTION OF EXISTING ROOF & STRUCTURE (AS SHOWN ON DEMOLITION PLAN). PROVIDE TEMPORARY WEATHER PROTECTION AS NEEDED AROUND PERIMETER OF ROOF REMOVAL AS REQUIRED. PROVIDE TEMPORARY SHORING & BRACING AS REQUIRED. REMOVE EXISTING TOILET PARTITION, DISPENSERS AND/OR TOILET ACCESSORIES AND REPAIR ADJACENT $\begin{pmatrix} 12 \end{pmatrix}$ SURFACES TO RECEIVE NEW FINISHES. REMOVE EXISTING LOCKERS AND LOCKER BASE. CUT SLOPED LOCKER TOP & BASE AS NECESSARY. 13 RE-USE/RELOCATE EXISTING END PANEL(S) AS REQUIRED. REVISE & PREPARE FOR NEW FINISHES. REMOVE FENCE AND PREP AFFECTED FLOORS AND WALLS FOR NEW FINISHES. SAVE ITEMS AT OWNER'S REQUEST. $\langle 15 \rangle$ REMOVE EXISTING WINDOW BLINDS. PREP AFFECTED WALLS FOR NEW FINISHES.

- REMOVE DOWNSPOUT. CLEAN ADJACENT BRICK.
- REMOVE EXISTING BLEACHER STRUCTURE.
- REMOVE EXISTING BLEACHER BENCH, AND OTHER FURNISHING ATTACHED TO CONCRETE BLEACHERS. SAVE (18) ITEMS AT OWNER'S REQUEST. PREP FOR INSTALLATION OF NEW BENCHES
- (19) REMOVE EXISTING RAILING, AND EQUIPMENT ATTACHED TO RAILING AND PREP FOR NEW RAILING AND EQUIPMENT
- REMOVE AND REPLACE DAMAGED CEILING TILES. COORDINATE WITH OWNER. PROVIDE COST PER 100 SQ. $\langle 20 \rangle$ FT. REPLACEMENT.
- REMOVE EXISTING LOCKERS AND ACCESSORIES FOR NEW FINISH AND RE-INSTALLATION. REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION
- REMOVE EXISTING FLOOR BASE, INCLUDING ALL GLUE RESIDUE

	DEMOLITION LEG
:===::	EXISTING WALL TO BE
	PORTION OF EXISTING
	EXISTING OBJECT TO
[2223]	AREA OF FLOOR CUT
	AREA OF CEILING REM
	EXISTING WALLS TO F
	EXISTING OBJECTS TO
$\langle xx \rangle$	DEMOLITION TAG: SEE
ROOM NAME FLOOR FINISH CEILING FINISH	EXISTING ROOM FINIS ROOM NAME, FLOORI











SEE MECHANICAL DEMOLITION NOTES FOR REMOVAL OF EXIST. PLUMBING/MECHANICAL (i.e. LAVATORIES, SINKS, WATER CLOSETS, URINALS, FIN TUBE, MECH. DUCTWORK, UNIT VENTS, ETC.) REMOVE EXISTING WINDOW, WINDOW WALL WITH ALUMINUM FRAMING WITH METAL PANELS BELOW

GEND

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REMOVAL AND REINSTALL

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DRAWN JHB REVIEWED TGD

5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025

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UNIT 'B' FIRST FLOOR DEMOLITION PLAN - BP2









D	EMOLITION LEGEND
-	EXISTING WALL TO BE DEMOLISHED
_	PORTION OF EXISTING WALL TO BE DEMOLISHED
-	EXISTING OBJECT TO BE DEMOLISHED
רנ	AREA OF FLOOR CUTTING
ר צ	AREA OF CEILING REMOVAL AND REINSTALL
_	EXISTING WALLS TO REMAIN
_	EXISTING OBJECTS TO REMAIN
	DEMOLITION TAG: SEE DEMOLITION NOTES
<u>Е</u> 3Н SH	EXISTING ROOM FINISH INFORMATION: ROOM NAME, FLOORING TYPE, CEILING TYPE

DEMOLITION NOTES

•	DEMOLITION CONTRACTOR IS TO STOP WORK IMMEDIATELY IN AREA IF ASBESTOS IS ENCOUNTERED. NOTIFY CONSTRUCTION MANAGER OF SUSPECTED AREA SO PROPER ABATEMENT CAN BE DONE. (UNDER A SEPARATE ASBESTOS ABATEMENT CONTRACT AS NEGOTIATED BY OWNER.)
•	ALL MASONRY BLOCK AND BRICK WALLS TO BE REMOVED MUST BE TOOTHED TO RECEIVE NEW MASONRY, UNLESS NOTED OTHERWISE ON DRAWINGS.
•	DEMOLITION CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND BRACING FOR EXISTING ROOF/FLOOR STRUCTURE AS REQUIRED UNTIL PERMANENT WALLS & LINTELS ARE INSTALLED. REFER TO STRUCTURAL & ARCHITECTURAL DRAWINGS FOR BEARING CONDITIONS.
•	ALL TRADES ARE TO COORDINATE ANY DEMOLITION, CAPPING OR ABANDONMENT OF EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR ARCHITECTURAL ITEMS.
•	ALL ITEMS TO BE SAVED AND/OR RELOCATED ARE TO BE STORED IN A PROPER MANNER SO NO DAMAGE WILL OCCUR TO THESE ITEMS DURING THEIR STORAGE PERIOD.
•	ALL DEMOLITION WHICH DAMAGES ADJACENT SURFACES IS TO BE REPAIRED TO MATCH THE EXISTING SURFACE DAMAGED (MATERIALS & FINISHES) AND ALL REPAIR WORK IS TO BE COORDINATED WITH NEW CONSTRUCTION. FOR NEW OPENINGS IN EXISTING WALLS, COORDINATE NEW LINTELS W/ MASONRY CONTRACTOR.
•	PATCH WALLS & ROOF TO MATCH EXISTING CONSTRUCTION BEHIND REMOVAL OF WALL LOUVERS, EXHAUST FANS, INTAKE HOODS & CABINET HEATERS. VERIFY SEQUENCE OF REMOVAL W/ CONSTRUCTION MANAGER. SEE MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR WALL, ROOF & FLOOR OPENINGS TO BE PATCHED.
•	ALL TRADES ARE TO COORDINATE THE REMOVAL OF EXISTING LOOSE EQUIPMENT WITH ARCHITECT AND/OR OWNER. ADDITIONAL EQUIPMENT FOUND THAT IS NOT NOTED ON DEMOLITION PLAN SHALL BE REMOVED AS PART OF GENERAL DEMOLITION AFTER VERIFICATION WITH ARCHITECT/OWNER.
01	REMOVE EXISTING WALL INCLUDING DOORS, WINDOWS, BORROWED LITES, AND ANY EQUIPMENT OR FURNISHINGS ATTACHED TO WALL OR PORTION OF EXISTING WALL AS SHOWN ON FLOOR PLAN (MIN. 4" BELOW FLOOR SLAB) AND AS REQUIRED FOR NEW CONSTRUCTION. FLOOR SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW FLOOR MATERIAL. WALL SURFACE TO BE PATCHED AS REQUIRED TO RECEI NEW WALL FINISH. SEE MECHANICAL & ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS. SUPPORT UNBRACED SECTIONS OF WALL OR ROOF AS REQUIRED.

- REMOVE EXISTING BORROWED LITE OR DOOR & DOOR FRAME. (DOOR LINTEL TO REMAIN UNLESS
 CO2
 REMOVE EXISTING BORROWED LITE OR DOOR & DOOR FRAME. (DOOR LINTEL TO REMAIN UNLESS OTHERWISE NOTED ON PLAN - SEE STRUCTURAL FOR ADDITIONAL INFORMATION). WHERE DOOR FRAMES
 ARE TO REMAIN, PROTECT FRAMES FROM DAMAGE. SAND AND PREP FOR NEW PAINT FINISH UNDER SECTION 09 90 00 SEE DOOR SCHEDULE FOR REQUIRED NEW DOORS AND FRAMES OR ONLY NEW DOORS. SAW CUT AND REMOVE FLOOR OR PORTION OF EXISTING FLOOR SLAB AS SHOWN OR DIMENSIONED ON
- (03) SAW CUT AND REMOVE FLOOR OR PORTION OF EXISTING FLOOR SLAB AS SHOWN OR DIMENSIONED ON FLOOR PLAN. EXCAVATE, FILL & COMPACT SOIL AS REQUIRED FOR NEW SLAB- COORDINATE WITH MECHANICAL/ ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS & LOCATIONS. INSTALL NEW SLAB TO MATCH EXISTING ELEVATION. SEE STRUCTURAL FOR ADDITIONAL INFORMATION REGARDING SLAB REMOVAL. $\fbox{04}$ Remove existing casework/millwork, counter tops & back splash. Save items at owner's request.
- (05) REMOVE EXISTING SUSPENDED/PLASTER CEILING INCLUDING ALL FRAMING, TILES, TEES, HANGERS & WIRES USED TO SUPPORT THAT CEILING. REPLACE PER REFL. CEILING PLANS.

SEE MECHANICAL DEMOLITION NOTES FOR REMOVAL OF EXIST. PLUMBING/MECHAN SINKS, WATER CLOSETS, URINALS, FIN TUBE, MECH. DUCTWORK, UNIT VENTS, ETC.)
REMOVE EXISTING WINDOW, WINDOW WALL WITH ALUMINUM FRAMING WITH METAL WINDOW, FRAME, SILL & GLAZING INCLUDING ALL EXISTING WOOD BLOCKING AND FI WINDOWS TO ROOF AND/OR MASONRY TIES AT BRICK PIERS AND SIDE WALLS.
REMOVE EXISTING EQUIPMENT OR FURNISHINGS SECURED TO FLOOR, WALL OR CE REUSE BY OWNER.
REMOVE EXISTING CHALK, TACK OR WHITE BOARD. REMOVE ALL GLUE RESIDUE, ET BOARD AND PREPARE SURFACE FOR NEW FINISH MATERIALS WHERE REQUIRED.
REMOVE EXISTING FLOOR COVERING AND BASE, INCLUDING ALL GLUE RESIDUE, MU FLOORS & WALLS AND PREPARE SURFACE FOR NEW FINISH MATERIALS, INCLUDING AND/OR SELF-LEVELING COMPOUND AS REQUIRED. WALL & FLOOR SURFACE TO REC MATERIAL & PATCH TO MATCH EXISTING.
REMOVE PORTION OF EXISTING ROOF & STRUCTURE (AS SHOWN ON DEMOLITION PI TEMPORARY WEATHER PROTECTION AS NEEDED AROUND PERIMETER OF ROOF RE PROVIDE TEMPORARY SHORING & BRACING AS REQUIRED.
REMOVE EXISTING TOILET PARTITION, DISPENSERS AND/OR TOILET ACCESSORIES A SURFACES TO RECEIVE NEW FINISHES.
REMOVE EXISTING LOCKERS AND LOCKER BASE. CUT SLOPED LOCKER TOP & BASE RE-USE/RELOCATE EXISTING END PANEL(S) AS REQUIRED. REVISE & PREPARE FOR
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REMOVE EXISTING WINDOW BLINDS. PREP AFFECTED WALLS FOR NEW FINISHES.
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- 21 REMOVE EXISTING LOCKERS AND ACCESSORIES FOR NEW FINISH AND RE-INSTALLATION. REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION
- REMOVE EXISTING FLOOR BASE, INCLUDING ALL GLUE RESIDUE

NG/MECHANICAL (i.e. LAVATORIES, /ENTS, ETC.)

VITH METAL PANELS BELOW CKING AND FRAMING ABOVE

WALL OR CEILING AND STORE FOR RESIDUE, ETC. FROM BLOCK BEHIND

ESIDUE, MUDBEDS, ETC. FROM S, INCLUDING GRINDING, PATCHING RFACE TO RECEIVE NEW FINISH

EMOLITION PLAN). PROVIDE OF ROOF REMOVAL AS REQUIRED. CESSORIES AND REPAIR ADJACENT

TOP & BASE AS NECESSARY. REPARE FOR NEW FINISHES. NISHES. SAVE ITEMS AT OWNER'S

ED TO CONCRETE BLEACHERS. SAVE D PREP FOR NEW RAILING AND VNER. PROVIDE COST PER 100 SQ.



11 (BID S RENOVATION S SCHOOL Ш ð Ζ S TION \succ MA ADD ERN S, S Ш Ž ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JHB REVIEWED TGD 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ UNIT 'C' FIRST FLOOR DEMOLITION PLAN - BP2 A1.1C.2







CEILING FINISH



DEMOLITION TAG: SEE DEMOLITION NOTES

DEMOLITION NOTES

•	DEMOLITION CONTRACTOR IS TO STOP WORK IMMEDIATELY IN AREA IF ASBESTOS IS ENCOUNTERED. NOTIFY CONSTRUCTION MANAGER OF SUSPECTED AREA SO PROPER ABATEMENT CAN BE DONE. (UNDER A SEPARATE ASBESTOS ABATEMENT CONTRACT AS NEGOTIATED BY OWNER.)
•	ALL MASONRY BLOCK AND BRICK WALLS TO BE REMOVED MUST BE TOOTHED TO RECEIVE NEW MASONRY, UNLESS NOTED OTHERWISE ON DRAWINGS.
•	DEMOLITION CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND BRACING FOR EXISTING ROOF/FLOOR STRUCTURE AS REQUIRED UNTIL PERMANENT WALLS & LINTELS ARE INSTALLED. REFER TO STRUCTURAL & ARCHITECTURAL DRAWINGS FOR BEARING CONDITIONS.
•	ALL TRADES ARE TO COORDINATE ANY DEMOLITION, CAPPING OR ABANDONMENT OF EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR ARCHITECTURAL ITEMS.
•	ALL ITEMS TO BE SAVED AND/OR RELOCATED ARE TO BE STORED IN A PROPER MANNER SO NO DAMAGE WILL OCCUR TO THESE ITEMS DURING THEIR STORAGE PERIOD.
•	ALL DEMOLITION WHICH DAMAGES ADJACENT SURFACES IS TO BE REPAIRED TO MATCH THE EXISTING SURFACE DAMAGED (MATERIALS & FINISHES) AND ALL REPAIR WORK IS TO BE COORDINATED WITH NEW CONSTRUCTION. FOR NEW OPENINGS IN EXISTING WALLS, COORDINATE NEW LINTELS W/ MASONRY CONTRACTOR.
•	PATCH WALLS & ROOF TO MATCH EXISTING CONSTRUCTION BEHIND REMOVAL OF WALL LOUVERS, EXHAUST FANS, INTAKE HOODS & CABINET HEATERS. VERIFY SEQUENCE OF REMOVAL W/ CONSTRUCTION MANAGER. SEE MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR WALL, ROOF & FLOOR OPENINGS TO BE PATCHED.
•	ALL TRADES ARE TO COORDINATE THE REMOVAL OF EXISTING LOOSE EQUIPMENT WITH ARCHITECT AND/OR OWNER. ADDITIONAL EQUIPMENT FOUND THAT IS NOT NOTED ON DEMOLITION PLAN SHALL BE REMOVED AS PART OF GENERAL DEMOLITION AFTER VERIFICATION WITH ARCHITECT/OWNER.
\frown	

- MOVE EXISTING WALL INCLUDING DOORS, WINDOWS, BORROWED LITES, AND ANY EQUIPMENT OR 01 FURNISHINGS ATTACHED TO WALL OR PORTION OF EXISTING WALL AS SHOWN ON FLOOR PLAN (MIN. 4" BELOW FLOOR SLAB) AND AS REQUIRED FOR NEW CONSTRUCTION. FLOOR SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW FLOOR MATERIAL. WALL SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW WALL FINISH. SEE MECHANICAL & ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS. SUPPORT UNBRACED SECTIONS OF WALL OR ROOF AS REQUIRED.

- (07)
 REMOVE EXISTING WINDOW, WINDOW WALL WITH ALUMINUM FRAMING WITH METAL PANELS BELOW

 WINDOW, FRAME, SILL & GLAZING INCLUDING ALL EXISTING WOOD BLOCKING AND FRAMING ABOVE
 WINDOWS TO ROOF AND/OR MASONRY TIES AT BRICK PIERS AND SIDE WALLS. REMOVE EXISTING EQUIPMENT OR FURNISHINGS SECURED TO FLOOR, WALL OR CEILING AND STORE FOR REUSE BY OWNER. (09) REMOVE EXISTING CHALK, TACK OR WHITE BOARD. REMOVE ALL GLUE RESIDUE, ETC. FROM BLOCK BEHIND BOARD AND PREPARE SURFACE FOR NEW FINISH MATERIALS WHERE REQUIRED. (10) REMOVE EXISTING FLOOR COVERING AND BASE, INCLUDING ALL GLUE RESIDUE, MUDBEDS, ETC. FROM FLOORS & WALLS AND PREPARE SURFACE FOR NEW FINISH MATERIALS, INCLUDING GRINDING, PATCHING AND/OR SELF-LEVELING COMPOUND AS REQUIRED. WALL & FLOOR SURFACE TO RECEIVE NEW FINISH MATERIAL & PATCH TO MATCH EXISTING.
 T1
 REMOVE PORTION OF EXISTING ROOF & STRUCTURE (AS SHOWN ON DEMOLITION PLAN). PROVIDE

 TEMPORARY WEATHER PROTECTION AS NEEDED AROUND PERIMETER OF ROOF REMOVAL AS REQUIRED.

 PROVIDE TEMPORARY SHORING & BRACING AS REQUIRED.
 REMOVE EXISTING TOILET PARTITION, DISPENSERS AND/OR TOILET ACCESSORIES AND REPAIR ADJACENT $\langle 12 \rangle$ SURFACES TO RECEIVE NEW FINISHES. REMOVE EXISTING LOCKERS AND LOCKER BASE. CUT SLOPED LOCKER TOP & BASE AS NECESSARY. $\langle 13 \rangle$ RE-USE/RELOCATE EXISTING END PANEL(S) AS REQUIRED. REVISE & PREPARE FOR NEW FINISHES. 14 REMOVE FENCE AND PREP AFFECTED FLOORS AND WALLS FOR NEW FINISHES. SAVE ITEMS AT OWNER'S REQUEST. $\langle 15 \rangle$ REMOVE EXISTING WINDOW BLINDS. PREP AFFECTED WALLS FOR NEW FINISHES.
- REMOVE DOWNSPOUT. CLEAN ADJACENT BRICK.

- (18) ITEMS AT OWNER'S REQUEST. PREP FOR INSTALLATION OF NEW BENCHES
- REMOVE AND REPLACE DAMAGED CEILING TILES. COORDINATE WITH OWNER. PROVIDE COST PER 100 SQ.
- REMOVE EXISTING LOCKERS AND ACCESSORIES FOR NEW FINISH AND RE-INSTALLATION. REFER TO
- (21) ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION
- REMOVE EXISTING FLOOR BASE, INCLUDING ALL GLUE RESIDUE





(06) SEE MECHANICAL DEMOLITION NOTES FOR REMOVAL OF EXIST. PLUMBING/MECHANICAL (i.e. LAVATORIES, SINKS, WATER CLOSETS, URINALS, FIN TUBE, MECH. DUCTWORK, UNIT VENTS, ETC.)

REMOVE EXISTING BLEACHER BENCH, AND OTHER FURNISHING ATTACHED TO CONCRETE BLEACHERS. SAVE REMOVE EXISTING RAILING, AND EQUIPMENT ATTACHED TO RAILING AND PREP FOR NEW RAILING AND



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CEILING FINISH

UNIT 'E' FIRST FLOOR DEMOLITION PLAN - BP2 1/8" = 1'-0"

DEMOLITION LEGEND EXISTING WALL TO BE DEMOLISHED PORTION OF EXISTING WALL TO BE DEMOLISHED EXISTING OBJECT TO BE DEMOLISHED AREA OF FLOOR CUTTING

AREA OF CEILING REMOVAL AND REINSTALL EXISTING WALLS TO REMAIN

DEMOLITION TAG: SEE DEMOLITION NOTES

DEMOLITION NOTES

•	DEMOLITION CONTRACTOR IS TO STOP WORK IMMEDIATELY IN AREA IF ASBESTOS IS ENCOUNTERED. NOTIFY CONSTRUCTION MANAGER OF SUSPECTED AREA SO PROPER ABATEMENT CAN BE DONE. (UNDER A SEPARATE ASBESTOS ABATEMENT CONTRACT AS NEGOTIATED BY OWNER.)
•	ALL MASONRY BLOCK AND BRICK WALLS TO BE REMOVED MUST BE TOOTHED TO RECEIVE NEW MASONRY, UNLESS NOTED OTHERWISE ON DRAWINGS.
•	DEMOLITION CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND BRACING FOR EXISTING ROOF/FLOOR STRUCTURE AS REQUIRED UNTIL PERMANENT WALLS & LINTELS ARE INSTALLED. REFER TO STRUCTURAL & ARCHITECTURAL DRAWINGS FOR BEARING CONDITIONS.
•	ALL TRADES ARE TO COORDINATE ANY DEMOLITION, CAPPING OR ABANDONMENT OF EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR ARCHITECTURAL ITEMS.
•	ALL ITEMS TO BE SAVED AND/OR RELOCATED ARE TO BE STORED IN A PROPER MANNER SO NO DAMAGE WILL OCCUR TO THESE ITEMS DURING THEIR STORAGE PERIOD.
•	ALL DEMOLITION WHICH DAMAGES ADJACENT SURFACES IS TO BE REPAIRED TO MATCH THE EXISTING SURFACE DAMAGED (MATERIALS & FINISHES) AND ALL REPAIR WORK IS TO BE COORDINATED WITH NEW CONSTRUCTION. FOR NEW OPENINGS IN EXISTING WALLS, COORDINATE NEW LINTELS W/ MASONRY CONTRACTOR.
•	PATCH WALLS & ROOF TO MATCH EXISTING CONSTRUCTION BEHIND REMOVAL OF WALL LOUVERS, EXHAUST FANS, INTAKE HOODS & CABINET HEATERS. VERIFY SEQUENCE OF REMOVAL W/ CONSTRUCTION MANAGER. SEE MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR WALL, ROOF & FLOOR OPENINGS TO BE PATCHED.
•	ALL TRADES ARE TO COORDINATE THE REMOVAL OF EXISTING LOOSE EQUIPMENT WITH ARCHITECT AND/OR OWNER. ADDITIONAL EQUIPMENT FOUND THAT IS NOT NOTED ON DEMOLITION PLAN SHALL BE REMOVED AS PART OF GENERAL DEMOLITION AFTER VERIFICATION WITH ARCHITECT/OWNER.
01	REMOVE EXISTING WALL INCLUDING DOORS, WINDOWS, BORROWED LITES, AND ANY EQUIPMENT OR FURNISHINGS ATTACHED TO WALL OR PORTION OF EXISTING WALL AS SHOWN ON FLOOR PLAN (MIN. 4 BELOW FLOOR SLAB) AND AS REQUIRED FOR NEW CONSTRUCTION. FLOOR SURFACE TO BE PATCHED

- REQUIRED TO RECEIVE NEW FLOOR MATERIAL. WALL SURFACE TO BE PATCHED AS REQUIRED TO RECEIVE NEW WALL FINISH. SEE MECHANICAL & ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS. SUPPORT UNBRACED SECTIONS OF WALL OR ROOF AS REQUIRED.
- CO2 REMOVE EXISTING BORROWED LITE OR DOOR & DOOR FRAME. (DOUK LINTEL TO REMAIN UNLESS OTHERWISE NOTED ON PLAN SEE STRUCTURAL FOR ADDITIONAL INFORMATION). WHERE DOOR FRAMES REMOVE EXISTING BORROWED LITE OR DOOR & DOOR FRAME. (DOOR LINTEL TO REMAIN UNLESS ARE TO REMAIN, PROTECT FRAMES FROM DAMAGE. SAND AND PREP FOR NEW PAINT FINISH UNDER SECTION 09 90 00 SEE DOOR SCHEDULE FOR REQUIRED NEW DOORS AND FRAMES OR ONLY NEW DOORS. (03) SAW CUT AND REMOVE FLOOR OR PORTION OF EXISTING FLOOR SLAB AS SHOWN OR DIMENSIONED ON FLOOR PLAN. EXCAVATE, FILL & COMPACT SOIL AS REQUIRED FOR NEW SLAB- COORDINATE WITH
- MECHANICAL/ ELECTRICAL DEMOLITION NOTES FOR RELATED ITEMS & LOCATIONS. INSTALL NEW SLAB TO MATCH EXISTING ELEVATION. SEE STRUCTURAL FOR ADDITIONAL INFORMATION REGARDING SLAB REMOVAL. 04 REMOVE EXISTING CASEWORK/MILLWORK, COUNTER TOPS & BACK SPLASH. SAVE ITEMS AT OWNER'S REQUEST.
- (05) REMOVE EXISTING SUSPENDED/PLASTER CEILING INCLUDING ALL FRAMING, TILES, TEES, HANGERS & WIRES USED TO SUPPORT THAT CEILING. REPLACE PER REFL. CEILING PLANS.

(07) REMOVE EXISTING WINDOW, WINDOW WALL WITH ALUMINUM FRAMING WITH METAL PANELS BELOW WINDOW, FRAME, SILL & GLAZING INCLUDING ALL EXISTING WOOD BLOCKING AND FRAMING ABOVE WINDOWS TO ROOF AND/OR MASONRY TIES AT BRICK PIERS AND SIDE WALLS. REMOVE EXISTING EQUIPMENT OR FURNISHINGS SECURED TO FLOOR, WALL OR CEILING AND STORE FOR REUSE BY OWNER. (09) REMOVE EXISTING CHALK, TACK OR WHITE BOARD. REMOVE ALL GLUE RESIDUE, ETC. FROM BLOCK BEHIND BOARD AND PREPARE SURFACE FOR NEW FINISH MATERIALS WHERE REQUIRED. (10) REMOVE EXISTING FLOOR COVERING AND BASE, INCLUDING ALL GLUE RESIDUE, MUDBEDS, ETC. FROM FLOORS & WALLS AND PREPARE SURFACE FOR NEW FINISH MATERIALS, INCLUDING GRINDING, PATCHING AND/OR SELF-LEVELING COMPOUND AS REQUIRED. WALL & FLOOR SURFACE TO RECEIVE NEW FINISH MATERIAL & PATCH TO MATCH EXISTING. T1 REMOVE PORTION OF EXISTING ROOF & STRUCTURE (AS SHOWN ON DEMOLITION PLAN). PROVIDE TEMPORARY WEATHER PROTECTION AS NEEDED AROUND PERIMETER OF ROOF REMOVAL AS REQUIRED. PROVIDE TEMPORARY SHORING & BRACING AS REQUIRED. REMOVE EXISTING TOILET PARTITION, DISPENSERS AND/OR TOILET ACCESSORIES AND REPAIR ADJACENT $\langle 12 \rangle$ SURFACES TO RECEIVE NEW FINISHES. 13 REMOVE EXISTING LOCKERS AND LOCKER BASE. CUT SLOPED LOCKER TOP & BASE AS NECESSARY. RE-USE/RELOCATE EXISTING END PANEL(S) AS REQUIRED. REVISE & PREPARE FOR NEW FINISHES. REMOVE FENCE AND PREP AFFECTED FLOORS AND WALLS FOR NEW FINISHES. SAVE ITEMS AT OWNER'S REQUEST.

- $\langle 15
 angle$ remove existing window blinds. Prep affected walls for New Finishes.
- $\langle 16 \rangle$ REMOVE DOWNSPOUT. CLEAN ADJACENT BRICK.
- (17) REMOVE EXISTING BLEACHER STRUCTURE.
- 18
 REMOVE EXISTING BLEACHER BENCH, AND OTHER FURNISHING ATTACHED TO CONCRETE BLEACHERS. SAVE

 18
 ITEMS AT OWNER'S REQUEST. PREP FOR INSTALLATION OF NEW BENCHES
- REMOVE EXISTING RAILING, AND EQUIPMENT ATTACHED TO RAILING AND PREP FOR NEW RAILING AND (19) EQUIPMENT
- REMOVE AND REPLACE DAMAGED CEILING TILES. COORDINATE WITH OWNER. PROVIDE COST PER 100 SQ. FT. REPLACEMENT.
- REMOVE EXISTING LOCKERS AND ACCESSORIES FOR NEW FINISH AND RE-INSTALLATION. REFER TO 21 ENLARGED FLOOR PLANS FOR ADDITIONAL INFORMATION
- REMOVE EXISTING FLOOR BASE, INCLUDING ALL GLUE RESIDUE

KEYPLAN

(06) SEE MECHANICAL DEMOLITION NOTES FOR REMOVAL OF EXIST. PLUMBING/MECHANICAL (i.e. LAVATORIES, SINKS, WATER CLOSETS, URINALS, FIN TUBE, MECH. DUCTWORK, UNIT VENTS, ETC.)



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UNIT 'E' FIRST FLOOR DEMOLITION PLAN - BP2









	WALL LEGEND
4 7/8"	5/8" GYP. BOARD BOTH SIDES 3 5/8" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE
4" • 1/8"	2 LAYERS OF 5/8" GYP. BOARD BOTH SIDES 3 5/8" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE
	5/8" GYP. BOARD BOTH SIDES 6" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE
PLAN	CMU WALL SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN (8" TYPICAL U.N.O.)
1/4"	BRICK AND CMU WALL W/ 2" SPRAY APPLIED INSULATION SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN. SEE WALL SECTIONS FOR ADDITIONAL DETAILS, BANDING, ETC. (3 5/8" BRICK & 8" CMU TYPICAL U.N.O.)
18"	CMU WALL W/ GYP. BD. ON 3 5/8" MTL STUDS. SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN. SEE WALL SECTIONS FOR ADDITIONAL DETAILS, BANDING, ETC. (8" CMU TYPICAL U.N.O.)
2 1/8" 3 1 1/2"	CMU WALL W/ 5/8" GYP. BOARD ON 1 1/2" HAT CHANNEL. SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN.
	5/8" GYP. BOARD ON HAT CHANNEL REPEATING AT 16" O.C.

-FIRE RATINGS AS CALLED FOR ON CODE COMPLIANCE PLAN -DIMENSIONS GIVEN ARE TO THE FINISHED FACE OF CMU OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE

GENERAL FLOOR PLAN NOTES:

- 1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS.
- 2. REFERENCE STRUCTURAL DRAWINGS FOR CONCRETE SLAB SIZES AND SLAB RELATED INFORMATION. 3. INTERIOR STUD WALLS ARE TO USE 3 5/8" METAL STUD FRAMING UNLESS OTHERWISE NOTED.
- 4. TURN UP VAPOR RETARDER MATERIAL AT JOINTS BETWEEN FLOOR SLAB AND FOUNDATION WALL UNLESS NOTED
- OTHERWISE.
- 5. SEE FOUNDATION PLANS FOR FLOOR SLAB RECESSES FOR TILE, WOOD FLOOR, ETC. (VERIFY RECESS REQUIRED BY MFR.) 6. EXTEND ALL INTERIOR WALL PARTITIONS (MASONRY OR STUDS) TO BOTTOM OF DECK ABOVE UNLESS NOTED OTHERWISE.
- 7. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS NOT SHOWN. COORDINATE AS REQUIRED INCLUDING NECESSARY FRAMING, BLOCKING, ETC.
- 8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY CABINETRY, FRAMES, STRUCTURAL ITEMS, ETC. 9. PROVIDE PAINTED ACCESS PANELS IN WALLS AND CEILINGS TO PROVIDE ACCESS TO CONCEALED ITEMS INCLUDING BUT NOT LIMITED TO VALVES, CONTROLS, MECH. EQUIPMENT, ETC. ACCESS PANELS MAY NOT ALWAYS BE SHOWN ON PLANS. IT IS THE SUB CONTRACTOR RESPONSIBILITY TO DETERMINE LOCATIONS. COORDINATE LOCATIONS WITH OTHER GENERAL CONTRACTOR / SITE SUPERVISOR.
- 10. COORDINATE WALLS WITH COLUMNS AND OTHER ENCASED ITEMS. COLUMNS ARE TO BE CONTAINED WITHIN WALLS. THE FRAMING CONTRACTOR SHALL INCREASE FRAMING SIZE TO ACCOMMODATE COLUMNS, DRAIN LEADERS, PIPING, ELECTRICAL PANELS, ETC. WHERE WALLS REQUIRE EXTRA WIDTH THE ENTIRE WALL SHALL BE WIDENED UNLESS APPROVED BY ARCHITECT.
- 11. ALL GUARDRAILS AND HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE 2015 M.B.C., ANSI ICC A117.1-2009 & AMERICANS WITH DISABILITIES ACT GUIDELINES. THE MOST STRINGENT SHALL PREVAIL.
- 12. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS. SEE G0.01 FOR REQUIREMENTS. 13. FOR ALL CABINETRY, SEE INTERIOR ELEVATIONS FOR LAYOUTS. FIELD VERIFY CLEAR WIDTHS PRIOR TO FABRICATION.
- 14. ALL EXTERIOR BLOCK CORNERS ARE TO BE BULLNOSE BLOCK EXCEPT CONCRETE BLOCK COLUMNS, PIERS AND WALLS TO RECEIVE TILE - UNLESS NOTED OTHERWISE.
- CONTRACTOR TO MAINTAIN / REPAIR RATING OF EXISTING PARTITIONS AS AFFECTED BY DEMOLITION / NEW CONSTRUCTION. TYPICAL THROUGHOUT.
- 16. SEAL ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS WITH APPROVED FIRESTOPPING. 17. WHERE SPECIALTY BLOCK IS REQUIRED AT THE SAME HEIGHT ON BOTH SIDES OF A WALL USE (2) SPECIALTY BLOCKS BACK TO BACK TO MAINTAIN THE FINISHED WALL APPEARANCE BOTH SIDES OF THE WALL. COORDINATE WITH STRUCTURAL FOR LINTELS CONDITIONS PER SPECIFICATIONS.
- 18. WALLS TO BE PATCHED WITH LIKE MATERIALS WHERE EXISTING WALLS HAVE BEEN COMPROMISED FROM DEMOLITION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL AND REINSTALLATION OF CASEWORK AND WALL MOUNTED EQUIPMENT IN ORDER TO ACHIEVE SAID PATCH. IN AREAS WHERE BLOCK OR BRICK HAVE BEEN USED, NEW MASONRY TO BE TOOTHED IN AND MATCH EXISTING. AREAS AND FINISHES IN QUESTION SHALL BE COORDINATED WITH ARCHITECT.
- 19. SEE STRUCTURAL FRAMING PLANS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. MINIMUM REINFORCING (FOR ALL WALLS NOT OTHERWISE NOTED ON STRUCTURAL PLANS): A. ALL BEARING WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.
- B. ALL EXTERIOR WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48. C. ALL INTERIOR NON-BEARING WALLS OVER 16'-0" HIGH SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.





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UNIT 'B' FIRST FLOOR PLAN -BP2









-DIMENSIONS GIVEN ARE TO THE FINISHED FACE OF CMU OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE

GENERAL FLOOR PLAN NOTES:

- 1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS.
- REFERENCE STRUCTURAL DRAWINGS FOR CONCRETE SLAB SIZES AND SLAB RELATED INFORMATION. 3. INTERIOR STUD WALLS ARE TO USE 3 5/8" METAL STUD FRAMING UNLESS OTHERWISE NOTED.
- 4. TURN UP VAPOR RETARDER MATERIAL AT JOINTS BETWEEN FLOOR SLAB AND FOUNDATION WALL UNLESS NOTED
- OTHERWISE.
- 5. SEE FOUNDATION PLANS FOR FLOOR SLAB RECESSES FOR TILE, WOOD FLOOR, ETC. (VERIFY RECESS REQUIRED BY MFR.) 6. EXTEND ALL INTERIOR WALL PARTITIONS (MASONRY OR STUDS) TO BOTTOM OF DECK ABOVE UNLESS NOTED OTHERWISE.
- REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS NOT SHOWN. COORDINATE AS REQUIRED
- INCLUDING NECESSARY FRAMING, BLOCKING, ETC. 8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY CABINETRY, FRAMES, STRUCTURAL ITEMS, ETC.
- 9. PROVIDE PAINTED ACCESS PANELS IN WALLS AND CEILINGS TO PROVIDE ACCESS TO CONCEALED ITEMS INCLUDING BUT NOT LIMITED TO VALVES, CONTROLS, MECH. EQUIPMENT, ETC. ACCESS PANELS MAY NOT ALWAYS BE SHOWN ON PLANS. IT IS THE SUB CONTRACTOR RESPONSIBILITY TO DETERMINE LOCATIONS. COORDINATE LOCATIONS WITH OTHER GENERAL CONTRACTOR / SITE SUPERVISOR.
- 10. COORDINATE WALLS WITH COLUMNS AND OTHER ENCASED ITEMS. COLUMNS ARE TO BE CONTAINED WITHIN WALLS. THE FRAMING CONTRACTOR SHALL INCREASE FRAMING SIZE TO ACCOMMODATE COLUMNS, DRAIN LEADERS, PIPING, ELECTRICAL PANELS, ETC. WHERE WALLS REQUIRE EXTRA WIDTH THE ENTIRE WALL SHALL BE WIDENED UNLESS APPROVED BY ARCHITECT.
- 1. ALL GUARDRAILS AND HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE 2015 M.B.C., ANSI ICC A117.1-2009 & AMERICANS WITH DISABILITIES ACT GUIDELINES. THE MOST STRINGENT SHALL
- PREVAIL. 12. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS. SEE G0.01 FOR REQUIREMENTS.
- 13. FOR ALL CABINETRY, SEE INTERIOR ELEVATIONS FOR LAYOUTS. FIELD VERIFY CLEAR WIDTHS PRIOR TO FABRICATION.
- 14. ALL EXTERIOR BLOCK CORNERS ARE TO BE BULLNOSE BLOCK EXCEPT CONCRETE BLOCK COLUMNS, PIERS AND WALLS TO RECEIVE TILE - UNLESS NOTED OTHERWISE.
- 15. CONTRACTOR TO MAINTAIN / REPAIR RATING OF EXISTING PARTITIONS AS AFFECTED BY DEMOLITION / NEW CONSTRUCTION. TYPICAL THROUGHOUT.
- 16. SEAL ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS WITH APPROVED FIRESTOPPING. 17. WHERE SPECIALTY BLOCK IS REQUIRED AT THE SAME HEIGHT ON BOTH SIDES OF A WALL USE (2) SPECIALTY BLOCKS BACK TO BACK TO MAINTAIN THE FINISHED WALL APPEARANCE BOTH SIDES OF THE WALL. COORDINATE WITH STRUCTURAL FOR LINTELS CONDITIONS PER SPECIFICATIONS.
- 3. WALLS TO BE PATCHED WITH LIKE MATERIALS WHERE EXISTING WALLS HAVE BEEN COMPROMISED FROM DEMOLITION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL AND REINSTALLATION OF CASEWORK AND WALL MOUNTED EQUIPMENT IN ORDER TO ACHIEVE SAID PATCH. IN AREAS WHERE BLOCK OR BRICK HAVE BEEN USED, NEW MASONRY TO BE TOOTHED IN AND MATCH EXISTING. AREAS AND FINISHES IN QUESTION SHALL BE COORDINATED WITH ARCHITECT.
- 19. SEE STRUCTURAL FRAMING PLANS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. MINIMUM REINFORCING (FOR ALL WALLS NOT OTHERWISE NOTED ON STRUCTURAL PLANS): A. ALL BEARING WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48. B. ALL EXTERIOR WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.
 C. ALL INTERIOR NON-BEARING WALLS OVER 16'-0" HIGH SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.





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UNIT 'C' FIRST FLOOR PLAN -BP2











- GENERAL FLOOR PLAN NOTES:
- 1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS. 2. REFERENCE STRUCTURAL DRAWINGS FOR CONCRETE SLAB SIZES AND SLAB RELATED INFORMATION.
- 3. INTERIOR STUD WALLS ARE TO USE 3 5/8" METAL STUD FRAMING UNLESS OTHERWISE NOTED.
- 4. TURN UP VAPOR RETARDER MATERIAL AT JOINTS BETWEEN FLOOR SLAB AND FOUNDATION WALL UNLESS NOTED
- OTHERWISE. 5. SEE FOUNDATION PLANS FOR FLOOR SLAB RECESSES FOR TILE, WOOD FLOOR, ETC. (VERIFY RECESS REQUIRED BY MFR.)
- 6. EXTEND ALL INTERIOR WALL PARTITIONS (MASONRY OR STUDS) TO BOTTOM OF DECK ABOVE UNLESS NOTED OTHERWISE.
- 7. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS NOT SHOWN. COORDINATE AS REQUIRED INCLUDING NECESSARY FRAMING, BLOCKING, ETC.
- 8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY CABINETRY, FRAMES, STRUCTURAL ITEMS, ETC.
- 9. PROVIDE PAINTED ACCESS PANELS IN WALLS AND CEILINGS TO PROVIDE ACCESS TO CONCEALED ITEMS INCLUDING BUT NOT LIMITED TO VALVES, CONTROLS, MECH. EQUIPMENT, ETC. ACCESS PANELS MAY NOT ALWAYS BE SHOWN ON PLANS. IT IS THE SUB CONTRACTOR RESPONSIBILITY TO DETERMINE LOCATIONS. COORDINATE LOCATIONS WITH OTHER GENERAL CONTRACTOR / SITE SUPERVISOR.
- 10. COORDINATE WALLS WITH COLUMNS AND OTHER ENCASED ITEMS. COLUMNS ARE TO BE CONTAINED WITHIN WALLS. THE FRAMING CONTRACTOR SHALL INCREASE FRAMING SIZE TO ACCOMMODATE COLUMNS, DRAIN LEADERS, PIPING, ELECTRICAL PANELS, ETC. WHERE WALLS REQUIRE EXTRA WIDTH THE ENTIRE WALL SHALL BE WIDENED UNLESS APPROVED BY ARCHITECT.
- 11. ALL GUARDRAILS AND HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE 2015 M.B.C., ANSI ICC A117.1-2009 & AMERICANS WITH DISABILITIES ACT GUIDELINES. THE MOST STRINGENT SHALL PREVAIL. 12. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS. SEE G0.01 FOR REQUIREMENTS.
- 13. FOR ALL CABINETRY, SEE INTERIOR ELEVATIONS FOR LAYOUTS. FIELD VERIFY CLEAR WIDTHS PRIOR TO FABRICATION.
- 14. ALL EXTERIOR BLOCK CORNERS ARE TO BE BULLNOSE BLOCK EXCEPT CONCRETE BLOCK COLUMNS, PIERS AND WALLS TO RECEIVE TILE - UNLESS NOTED OTHERWISE. 15. CONTRACTOR TO MAINTAIN / REPAIR RATING OF EXISTING PARTITIONS AS AFFECTED BY DEMOLITION / NEW
- CONSTRUCTION. TYPICAL THROUGHOUT. 16. SEAL ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS WITH APPROVED FIRESTOPPING.
- 17. WHERE SPECIALTY BLOCK IS REQUIRED AT THE SAME HEIGHT ON BOTH SIDES OF A WALL USE (2) SPECIALTY BLOCKS BACK TO BACK TO MAINTAIN THE FINISHED WALL APPEARANCE BOTH SIDES OF THE WALL. COORDINATE WITH STRUCTURAL FOR LINTELS CONDITIONS PER SPECIFICATIONS.
- 8. WALLS TO BE PATCHED WITH LIKE MATERIALS WHERE EXISTING WALLS HAVE BEEN COMPROMISED FROM DEMOLITION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL AND REINSTALLATION OF CASEWORK AND WALL MOUNTED EQUIPMENT IN ORDER TO ACHIEVE SAID PATCH. IN AREAS WHERE BLOCK OR BRICK HAVE BEEN USED, NEW MASONRY TO BE TOOTHED IN AND MATCH EXISTING. AREAS AND FINISHES IN QUESTION SHALL BE COORDINATED WITH
- 19. SEE STRUCTURAL FRAMING PLANS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. MINIMUM REINFORCING (FOR ALL WALLS NOT OTHERWISE NOTED ON STRUCTURAL PLANS): A. ALL BEARING WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48. B. ALL EXTERIOR WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48. C. ALL INTERIOR NON-BEARING WALLS OVER 16'-0" HIGH SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.



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UNIT 'D' FIRST FLOOR PLAN -BP2





UNIT 'E' FIRST FLOOR PLAN - BP2 1/8" = 1'-0"

WALL LEGEND 5/8" GYP. BOARD BOTH SIDES 3 5/8" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE 2 LAYERS OF 5/8" GYP. BOARD BOTH SIDES 3 5/8" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE 5/8" GYP. BOARD BOTH SIDES 6" LIGHT GA. METAL FRAMING AT 16" O.C. SOUND BATT FULL HEIGHT OF WALL. WALLS TO BOTTOM OF DECK UNLESS NOTED OTHERWISE CMU WALL SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN (8" TYPICAL U.N.O.) BRICK AND CMU WALL W/ 2" SPRAY APPLIED INSULATION SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN. SEE WALL SECTIONS FOR ADDITIONAL DETAILS, BANDING, ETC. (3 5/8" BRICK & 8" CMU TYPICAL U.N.O.) CMU WALL W/ GYP. BD. ON 3 5/8" MTL STUDS. SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN. SEE WALL SECTIONS FOR ADDITIONAL DETAILS, BANDING, ETC. (8" CMU TYPICAL U.N.O.) CMU WALL W/ 5/8" GYP. BOARD ON 1 1/2" HAT CHANNEL. SEE FLOOR PLANS FOR REQUIRED WALL REINFORCING. NOMINAL DIMENSIONS GIVEN. 5/8" GYP. BOARD ON HAT CHANNEL REPEATING AT 16" O.C. -FIRE RATINGS AS CALLED FOR ON CODE COMPLIANCE PLAN

-DIMENSIONS GIVEN ARE TO THE FINISHED FACE OF CMU OR GYPSUM WALL BOARD UNLESS NOTED OTHERWISE

- GENERAL FLOOR PLAN NOTES:
- 1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS. 2. REFERENCE STRUCTURAL DRAWINGS FOR CONCRETE SLAB SIZES AND SLAB RELATED INFORMATION.
- 3. INTERIOR STUD WALLS ARE TO USE 3 5/8" METAL STUD FRAMING UNLESS OTHERWISE NOTED.
- 4. TURN UP VAPOR RETARDER MATERIAL AT JOINTS BETWEEN FLOOR SLAB AND FOUNDATION WALL UNLESS NOTED OTHERWISE.
- 5. SEE FOUNDATION PLANS FOR FLOOR SLAB RECESSES FOR TILE, WOOD FLOOR, ETC. (VERIFY RECESS REQUIRED BY MFR.)
- 6. EXTEND ALL INTERIOR WALL PARTITIONS (MASONRY OR STUDS) TO BOTTOM OF DECK ABOVE UNLESS NOTED OTHERWISE. 7. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ITEMS NOT SHOWN. COORDINATE AS REQUIRED
- INCLUDING NECESSARY FRAMING, BLOCKING, ETC. 8. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY CABINETRY, FRAMES, STRUCTURAL ITEMS, ETC.
- 9. PROVIDE PAINTED ACCESS PANELS IN WALLS AND CEILINGS TO PROVIDE ACCESS TO CONCEALED ITEMS INCLUDING BUT NOT LIMITED TO VALVES, CONTROLS, MECH. EQUIPMENT, ETC. ACCESS PANELS MAY NOT ALWAYS BE SHOWN ON PLANS. IT IS THE SUB CONTRACTOR RESPONSIBILITY TO DETERMINE LOCATIONS. COORDINATE LOCATIONS WITH OTHER GENERAL
- CONTRACTOR / SITE SUPERVISOR. 10. COORDINATE WALLS WITH COLUMNS AND OTHER ENCASED ITEMS. COLUMNS ARE TO BE CONTAINED WITHIN WALLS. THE FRAMING CONTRACTOR SHALL INCREASE FRAMING SIZE TO ACCOMMODATE COLUMNS, DRAIN LEADERS, PIPING, ELECTRICAL PANELS, ETC. WHERE WALLS REQUIRE EXTRA WIDTH THE ENTIRE WALL SHALL BE WIDENED UNLESS APPROVED BY ARCHITECT.
- 11. ALL GUARDRAILS AND HANDRAILS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE 2015 M.B.C., ANSI ICC A117.1-2009 & AMERICANS WITH DISABILITIES ACT GUIDELINES. THE MOST STRINGENT SHALL PREVAIL.
- 12. PROVIDE MINIMUM CLEARANCES AT ALL DOORS PER DETAILS. SEE G0.01 FOR REQUIREMENTS. 13. FOR ALL CABINETRY, SEE INTERIOR ELEVATIONS FOR LAYOUTS. FIELD VERIFY CLEAR WIDTHS PRIOR TO FABRICATION.
- 14. ALL EXTERIOR BLOCK CORNERS ARE TO BE BULLNOSE BLOCK EXCEPT CONCRETE BLOCK COLUMNS, PIERS AND WALLS TO RECEIVE TILE - UNLESS NOTED OTHERWISE.
- 15. CONTRACTOR TO MAINTAIN / REPAIR RATING OF EXISTING PARTITIONS AS AFFECTED BY DEMOLITION / NEW CONSTRUCTION. TYPICAL THROUGHOUT.
- 16. SEAL ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS WITH APPROVED FIRESTOPPING. 17. WHERE SPECIALTY BLOCK IS REQUIRED AT THE SAME HEIGHT ON BOTH SIDES OF A WALL USE (2) SPECIALTY BLOCKS BACK TO BACK TO MAINTAIN THE FINISHED WALL APPEARANCE BOTH SIDES OF THE WALL. COORDINATE WITH STRUCTURAL FOR LINTELS CONDITIONS PER SPECIFICATIONS.
- 8. WALLS TO BE PATCHED WITH LIKE MATERIALS WHERE EXISTING WALLS HAVE BEEN COMPROMISED FROM DEMOLITION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL AND REINSTALLATION OF CASEWORK AND WALL MOUNTED EQUIPMENT IN ORDER TO ACHIEVE SAID PATCH. IN AREAS WHERE BLOCK OR BRICK HAVE BEEN USED, NEW MASONRY TO BE TOOTHED IN AND MATCH EXISTING. AREAS AND FINISHES IN QUESTION SHALL BE COORDINATED WITH ARCHITECT.
- 19. SEE STRUCTURAL FRAMING PLANS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS. MINIMUM REINFORCING (FOR ALL WALLS NOT OTHERWISE NOTED ON STRUCTURAL PLANS): A. ALL BEARING WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48. B. ALL EXTERIOR WALLS SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.
 C. ALL INTERIOR NON-BEARING WALLS OVER 16'-0" HIGH SHALL RECEIVE A MINIMUM REINFORCING OF R1-5-48.





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UNIT 'E' FIRST FLOOR PLAN -BP2







1. DIMENSIONS GIVEN ARE TO THE FACE OF MASONRY UNITS OR TO THE FINISHED FACE OF METAL STUD PARTITION WALLS.

GENERAL FLOOR PLAN NOTES:



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UNIT 'F' FIRST FLOOR PLAN -BP2



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UNIT F

TAPERED RIGID INSULATION (4' - 0" SECTIONS) 1/4" PER FOOT SLOPE UNLESS OTHERWISE

TAPERED RIGID INSULATION (4' - 0" SECTIONS @ 1/2" SLOPE PER FOOT AT CRICKETS) CRICKETS SLOPE TO ROOF DRAINS.

 ROOF DRAIN NUMBER
 ROOF AREA (SEE ROOF KEYPLAN) THICKNESS OF TAPERED INSULATION AT



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UNIT 'B' ROOF PLAN - BP2







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UNIT 'C' ROOF PLAN - BP2





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TAPERED RIGID INSULATION (1/4" PER FOOT SLOPE UNLESS NOTED
TAPERED RIGID INSULATION (@ 1/2" SLOPE PER FOOT AT C CRICKETS SLOPE TO ROOF DI
DIRECTION OF STRUCTURAL ROOF SLOPE. (SEE STRUCTUF PLANS FOR ROOF FRAMING SLOPES)
DIRECTION OF ROOF SLOPE. WITH TAPERED INSULATION
STANDARD ROOF DRAIN
ROOF DRAIN LABEL ————————————————————————————————————
THICKNESS OF TAPERED INSU PERIMETER OR DRAIN (NOT IN BASE INSULATION THICKNESS
THICKNESS OF TAPERED INSU PERIMETER OR DRAIN (NOT IN BASE INSULATION THICKNESS CORE SAMPLE LOCATIONS SE LEGEND FOR DESCRIPTION
THICKNESS OF TAPERED INSU PERIMETER OR DRAIN (NOT IN BASE INSULATION THICKNESS CORE SAMPLE LOCATIONS SE LEGEND FOR DESCRIPTION ROOF HATCH

GENERAL NOTES

ROOF DRAIN
 ROOF OVERFLOW DRAIN

STACK FLASHING
STACK FLASHING
METAL COPING SPLICE DETAIL
ROOF CURB DETAIL

PLUMBING VENT

CHANGES OF ROOF.

10. STANDARD ROOF ABBREVIATIONS RD = ROOF DRAIN ORD = OVERFLOW ROOF DRAIN

EF = EXHAUST FAN

IV = INTAKE VENT RTU = ROOF TOP UNIT

RV = RELIEF VENT

REQUIRED.

UNIT



UNIT F

ATION (4' - 0" SECTIONS) UNLESS OTHERWISE

ATION (4' - 0" SECTIONS OT AT CRICKETS) of Drains. UCTURAL

NUMBER SEE ROOF KEYPLAN) ED INSULATION AT

(NOT INCLUDING CKNESS) ONS SEE

1. ROOF DETAILS - LOCATED ON SHEET A7.04 FASTENING ENHANCEMENT AT CORNER - SEE SPEC AND DETAIL

2. RE-ROOFING EXISTING NAILERS / BLOCKING TO REMAIN: CONTRACTOR TO FIELD VERIFY THE EXISTING NAILERS / BLOCKING WILL COMPLY TO MEET THE WIND UP LIFT CRITERIA. REMOVE ALL DAMAGED NAILERS / BLOCKING AND / OR INSTALL ADDITIONAL FASTENER AS REQUIRED TO COMPLY.

 REFER TO PLUMBING DRAWINGS FOR LOCATION AND NUMBER OF PLUMBING VENTS THRU ROOF. REFER TO MECHANICAL DRAWINGS TO COORDINATE ALL ROOF PENETRATIONS & LOCATIONS.

5. PROVIDE 1/2" TAPERED CRICKETS AT ALL ROOF HATCHES AND MECHANICAL ROOF PENETRATIONS UNLESS OTHERWISE NOTED. TAPER SHALL PROVIDE DRAINAGE AROUND HATCH AND EQUIPMENT. 6. SEE SPECIFICATION FOR ROOFING SYSTEM TO BE USED AND ROOF PLAN FOR LOCATIONS OF TAPERED INSULATION AND OR SLOPE

7. CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL SQUARE FOOTAGE VALUES NOTED ON PLANS

8. IN AREAS WHERE EXISTING ROOF DRAINS ARE BEING REPLACED WITH NEW ROOF DRAIN TO BE INSTALLED IN THE EXACT LOCATION OF EXISTING AND WILL BE CONNECTED TO EXISTING PIPING AS

9. SCUPPER LOCATIONS TO BE COORDINATED SO THAT THEY DO NOT APPEAR OVER DOORS, WINDOWS OR MECHANICAL LOUVERS



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UNIT 'D' ROOF PLAN - BP2







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UNIT 'E' ROOF PLAN - BP2

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LEGEND _____

UNIT D

KEYPLAN

TAPERED RIGID INSULATION (4' - 0" SECTIONS) 1/4" PER FOOT SLOPE UNLESS OTHERWISE NOTED

TAPERED RIGID INSULATION (4' - 0" SECTIONS @ 1/2" SLOPE PER FOOT AT CRICKETS) CRICKETS SLOPE TO ROOF DRAINS.

- ROOF DRAIN NUMBER — ROOF DRAIN NUMBER — ROOF AREA (SEE ROOF KEYPLAN) — RD OR ORD — C OR NOTHING THICKNESS OF TAPERED INSULATION AT



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UNIT 'F' ROOF PLAN - BP2



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UNIT 'E' OFFICE AREA ENLARGED PLAN - BP2



TOILET A (SEE SHEET	CCESSORIES LEGEN G0.01 FOR MOUNTING HEIGHT (SEE SPECS)
A PAPER TOWEL DISPENSER	
B TOILET PAPER DISPENSER	
C SOAP DISPENSER	J BABY CHANGING
D BARRIER FREE GRAB BARS	K SHOWER ROD AN
E 24" x 36" FRAMED GLASS MIRRO	R 🗘 ROBE HOOK
F NAPKIN DISPENSER (WALL MOU	NTED) 🕢 18" X 36" FRAMEI









MM A6.01.2

7 1/4"

C124 & C125 ENLARGED PLAN - BP2

ND

SAL (RECESSED) OSAL (WALL MOUNTED) G STATION

O AND CURTAIN

MED GLASS MIRROR



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REVIEWED TGD 5-6394 PROJECT NO.

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ENLARGED PLANS - BP2





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12. SELECTIVE CEILING PAD REPLACEMENT U.N.O. REPLACE CEILING TILES AS NEEDED UNIT PRICE PER 100 SF OF TILE GC TO COORDINATE WITH OWNER ON WHAT TILES ARE TO BE REPLACED AT THE END OF CONSTRUCTION. REFLECTED CEILING LEGEND HEIGHT ABOVE FINISH FLOOR CEILING TAG ACOUSTICAL CEILING TILE SYSTEM ACT1 GRID SPACING: 24" X 24" SUPPORT: SUSPENSION SYSTEM ACOUSTICAL CEILING TILE SYSTEM GRID SPACING: 48" X 24" SUPPORT: SUSPENSION SYSTEM ACT2 GYPSUM BOARD CEILING OR BULKHEAD C.J. SPACED 30' - 0" O.C. MAX. UNLESS SHOWN OTHERWISE SUPPORT: SUSPENSION SYSTEM OR METAL STUD FRAMING PAINT: 'PX' UNLESS NOTED OTHERWISE GYP1 METAL PANEL SOFFIT C.J. SPACED 30' - 0" O.C. MAX. UNLESS SHOWN OTHERWISE MP1 SUPPORT: METAL STUD FRAMING $\kappa \sim \pi \pi$ AREA OF CEILING REMOVAL AND REINSTALL iXXXXi CONTROL JOINT C.J. EXPANSION JOINT E.J. CUT TILE ----- $\square \bigcirc$ RECESSED LIGHT FIXTURE SURFACE / PENDANT MOUNT LIGHT FIXTURE MECHANICAL SUPPLY DIFFUSER / RETURN GRILLE / EXHAUST GRILLE / LINEAR SLOT DIFFUSER $\otimes \otimes \bigotimes$ EXIT SIGN (CEILING OR WALL-MOUNTED) () (S) ELECTRICAL DEVICES (CEILING OR WALL-MOUNTED) NOTE: REFER TO STRUCTURAL, PLUMBING/FIRE PROTECTION, MECHANICAL, AND ELECTRICAL/TECHNOLOGY FOR MORE DETAILED SYMBOL LEGENDS. SHOWN FOR GENERAL COORDINATION, NOT ALL SYMBOLS ARE INDICATED. NOTIFY ARCHITECT OF ANY/ALL DISCREPANCIES

 CONTRACTOR SHALL FOLLOW GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN. ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT. CEILING TILE TYPE AS SPECIFIED - CEILING HEIGHTS NOTED ON REFLECTED CEILING PLANS. CEILING ELEVATIONS ARE FROM THAT ROOM'S FINISH FLOOR.

GENERAL REFLECTED CEILING NOTES:

8. PROVIDE AN ADDITIONAL CROSS-TEE AT EACH SLOT DIFFUSER.

EACH SIDE.

BOARD BULKHEADS.

3. WIRE CEILING SYSTEM FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS, CEILING DIFFUSERS, AND OTHER DEVICES. WIRING TO METAL DECK IS STRICTLY PROHIBITED. UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2' - 0" x 2' - 0" OR 2' - 0" x 4' - 0" TYPICAL. SEE SPECIFICATIONS FOR MANUFACTURER AND STYLE. 5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON

6. MOUNT SPEAKERS AND SUPPLY AIR DIFFUSERS IN THE CENTER OF WHOLE CEILING PANELS. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS WHICH INDICATE SPEAKERS, DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS AND FIRE PROTECTION SPRINKLERS. 7. PROVIDE 2' - 0" CEILING GRID CROSS-TEE AT EACH RETURN AIR GRILLE.

9. REFER TO THE MECHANICAL DRAWINGS FOR LOUVERS REQUIRED TO BE FRAMED IN GYPSUM 10. ALL CEILING HEIGHTS ARE SUBJECT TO CHANGE TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS - COORDINATE CHANGES WITH ARCHITECT & AFFECTED DISCIPLINES.

SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR DIRECTION TO ACCOMMODATE LIGHTING LAYOUT.



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UNIT 'B' FIRST FLOOR REFLECTED CEILING PLAN -BP2





GENERAL REFLECTED CEILING NOTES:

- CONTRACTOR SHALL FOLLOW GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN. ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT.
- 2. CEILING TILE TYPE AS SPECIFIED CEILING HEIGHTS NOTED ON REFLECTED CEILING PLANS. CEILING ELEVATIONS ARE FROM THAT ROOM'S FINISH FLOOR.
- 3. WIRE CEILING SYSTEM FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS,
- CEILING DIFFUSERS, AND OTHER DEVICES. WIRING TO METAL DECK IS STRICTLY PROHIBITED.
- 4. UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2' 0" x 2' - 0" OR 2' - 0" x 4' - 0" TYPICAL. SEE SPECIFICATIONS FOR MANUFACTURER AND STYLE.
- 5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON EACH SIDE.
- 6. MOUNT SPEAKERS AND SUPPLY AIR DIFFUSERS IN THE CENTER OF WHOLE CEILING PANELS. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS WHICH INDICATE SPEAKERS, DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS AND FIRE PROTECTION SPRINKLERS.
- 7. PROVIDE 2' 0" CEILING GRID CROSS-TEE AT EACH RETURN AIR GRILLE.

DIRECTION TO ACCOMMODATE LIGHTING LAYOUT.

END OF CONSTRUCTION.

- 8. PROVIDE AN ADDITIONAL CROSS-TEE AT EACH SLOT DIFFUSER. 9. REFER TO THE MECHANICAL DRAWINGS FOR LOUVERS REQUIRED TO BE FRAMED IN GYPSUM
- BOARD BULKHEADS. 10. ALL CEILING HEIGHTS ARE SUBJECT TO CHANGE TO ACCOMMODATE UNFORESEEN FIELD
- CONDITIONS COORDINATE CHANGES WITH ARCHITECT & AFFECTED DISCIPLINES. 11. SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR
- 12. SELECTIVE CEILING PAD REPLACEMENT U.N.O. REPLACE CEILING TILES AS NEEDED UNIT PRICE PER 100 SF OF TILE GC TO COORDINATE WITH OWNER ON WHAT TILES ARE TO BE REPLACED AT THE

REFLECTED CEILING LEGEND				
+ 10' - 2" XXX1	-HEIGHT ABOVE FINISH FLOOR -CEILING TYPE	CEILING TAG		
	ACT1	ACOUSTICAL CEILING TILE SYSTEM GRID SPACING: 24" X 24" SUPPORT: SUSPENSION SYSTEM		
	ACT2	ACOUSTICAL CEILING TILE SYSTEM GRID SPACING: 48" X 24" SUPPORT: SUSPENSION SYSTEM		
$\begin{array}{c} \sum\limits_{i=1}^{n} \sum\limits_{j=1}^{n} \sum\limits_{j=1}^{n} \sum\limits_{i=1}^{n} \sum\limits_{i=1}^{n} \sum\limits_{j=1}^{n} \sum\limits_{j=1}^{n} \sum\limits_{i=1}^{n} \sum\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{j=1}^{n} \sum\limits\limits_{i=1}^{n} \sum\limits\limits_{i$	GYP1	GYPSUM BOARD CEILING OR BULKHEAD C.J. SPACED 30' - 0" O.C. MAX. UNLESS SHOW SUPPORT: SUSPENSION SYSTEM OR METAL S PAINT: 'PX' UNLESS NOTED OTHERWISE		
	MP1	METAL PANEL SOFFIT C.J. SPACED 30' - 0" O.C. MAX. UNLESS SHOWN SUPPORT: METAL STUD FRAMING		
		AREA OF CEILING REMOVAL AND REINSTALL		
C.J. E.J.		CONTROL JOINT EXPANSION JOINT		
		CUT TILE		
)	RECESSED LIGHT FIXTURE		
)	SURFACE / PENDANT MOUNT LIGHT FIXTURE		
		MECHANICAL SUPPLY DIFFUSER / RETURN GR EXHAUST GRILLE / LINEAR SLOT DIFFUSER		
$\otimes \bullet $		EXIT SIGN (CEILING OR WALL-MOUNTED)		
<u>ک</u> 🕼 🛞)	ELECTRICAL DEVICES (CEILING OR WALL-MOU		
NOTE: REFER TO ELECTRICAL/TE GENERAL COOF ANY/ALL DISCRE	O STRUCTURAL, F CHNOLOGY FOR I RDINATION, NOT A EPANCIES	PLUMBING/FIRE PROTECTION, MECHANICAL, AN MORE DETAILED SYMBOL LEGENDS. SHOWN FC .LL SYMBOLS ARE INDICATED. NOTIFY ARCHITE		



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GHT FIXTURE R / RETURN GRILLE /

OUNTED) OR WALL-MOUNTED)

CHANICAL, AND S. SHOWN FOR TIFY ARCHITECT OF



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GENERAL REFLECTED CEILING NOTES: 1. CONTRACTOR SHALL FOLLOW GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN.

- ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT.
- CEILING TILE TYPE AS SPECIFIED CEILING HEIGHTS NOTED ON REFLECTED CEILING PLANS. CEILING ELEVATIONS ARE FROM THAT ROOM'S FINISH FLOOR.
- 3. WIRE CEILING SYSTEM FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS, CEILING DIFFUSERS, AND OTHER DEVICES. WIRING TO METAL DECK IS STRICTLY PROHIBITED.
- UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2' 0" x 2' 0" OR 2' 0" x 4' 0" TYPICAL. SEE SPECIFICATIONS FOR MANUFACTURER AND STYLE.
- 5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON EACH SIDE.
- 6. MOUNT SPEAKERS AND SUPPLY AIR DIFFUSERS IN THE CENTER OF WHOLE CEILING PANELS. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS WHICH INDICATE SPEAKERS,
- DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS AND FIRE PROTECTION SPRINKLERS. 7. PROVIDE 2' - 0" CEILING GRID CROSS-TEE AT EACH RETURN AIR GRILLE.
- 8. PROVIDE AN ADDITIONAL CROSS-TEE AT EACH SLOT DIFFUSER.
- 9. REFER TO THE MECHANICAL DRAWINGS FOR LOUVERS REQUIRED TO BE FRAMED IN GYPSUM BOARD BULKHEADS.
- 10. ALL CEILING HEIGHTS ARE SUBJECT TO CHANGE TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS - COORDINATE CHANGES WITH ARCHITECT & AFFECTED DISCIPLINES.
- SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR DIRECTION TO ACCOMMODATE LIGHTING LAYOUT.
- 12. SELECTIVE CEILING PAD REPLACEMENT U.N.O. REPLACE CEILING TILES AS NEEDED UNIT PRICE PER 100 SF OF TILE GC TO COORDINATE WITH OWNER ON WHAT TILES ARE TO BE REPLACED AT THE END OF CONSTRUCTION.





UNIT F



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UNIT 'D' FIRST FLOOR REFLECTED CEILING PLAN -BP2











UNIT 'E' FIRST FLOOR REFLECTED CEILING PLAN - BP2 1/8" = 1'-0"

GENERAL REFLECTED CEILING NOTES: 1. CONTRACTOR SHALL FOLLOW GRID PATTERN ESTABLISHED ON THE REFLECTED CEILING PLAN. ANY VARIATIONS SHALL BE APPROVED BY THE ARCHITECT.

- 2. CEILING TILE TYPE AS SPECIFIED CEILING HEIGHTS NOTED ON REFLECTED CEILING PLANS. CEILING ELEVATIONS ARE FROM THAT ROOM'S FINISH FLOOR.
- 3. WIRE CEILING SYSTEM FROM STRUCTURE ABOVE AND WIRE FOR ADDITIONAL LOAD AT LIGHTS, CEILING DIFFUSERS, AND OTHER DEVICES. WIRING TO METAL DECK IS STRICTLY PROHIBITED.
- 4. UNLESS OTHERWISE NOTED, CEILING TO BE SUSPENDED METAL TEE AND ACOUSTICAL TILE 2' 0" x 2' - 0" OR 2' - 0" x 4' - 0" TYPICAL. SEE SPECIFICATIONS FOR MANUFACTURER AND STYLE.
- 5. PENDANT MOUNTED FIXTURES CENTERED ON GRID REQUIRE GRID TO BE CUT AND SUPPORTED ON EACH SIDE.
- 6. MOUNT SPEAKERS AND SUPPLY AIR DIFFUSERS IN THE CENTER OF WHOLE CEILING PANELS. ADHERE A RIGID PANEL BACKER TO PANELS AT LOCATIONS WHICH INDICATE SPEAKERS, DIFFUSERS, LIGHTS, SMOKE DETECTORS, EXIT LIGHTS AND FIRE PROTECTION SPRINKLERS.
- 7. PROVIDE 2' 0" CEILING GRID CROSS-TEE AT EACH RETURN AIR GRILLE.
- 8. PROVIDE AN ADDITIONAL CROSS-TEE AT EACH SLOT DIFFUSER. 9. REFER TO THE MECHANICAL DRAWINGS FOR LOUVERS REQUIRED TO BE FRAMED IN GYPSUM
- BOARD BULKHEADS.
- 10. ALL CEILING HEIGHTS ARE SUBJECT TO CHANGE TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS - COORDINATE CHANGES WITH ARCHITECT & AFFECTED DISCIPLINES.
- 11. SOME CORRIDOR CEILING PANEL LAYOUTS HAVE BEEN ADJUSTED AT A CHANGE IN CORRIDOR DIRECTION TO ACCOMMODATE LIGHTING LAYOUT.
- SELECTIVE CEILING PAD REPLACEMENT U.N.O. REPLACE CEILING TILES AS NEEDED UNIT PRICE PER 100 SF OF TILE GC TO COORDINATE WITH OWNER ON WHAT TILES ARE TO BE REPLACED AT THE END OF CONSTRUCTION.



REFLECTED CEILING LEGEND





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UNIT 'E' FIRST FLOOR REFLECTED CEILING PLAN -BP2



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#2 AGE 0K ΡA BID RENOVATIONS SCHOOLS WAYNE ADDITIONS & WESTERN SCHOOLS . S 3 WESTERN

FIRST FLOOR 100' - 0"



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vutodesk Docs://5-6394 Western Wayne Schools Additions & Renovations/5-6394A 2025.rvt

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						DOOR	& FRA	ME SCHEDULE	UNIT 'D'		
							Z		DETAILS		
DOOR NUMBER	DOOR SIZE	DOOR TYPE	FRAME TYPE	FIRE RATING	HDWR SET NO.	ELEC. HARDWARE	REMOVABLE MULLIC	HEAD	JAMB	SILL	REMARKS
D											
D101A	PR. 3' 0" x 7' 2" x 1 3/4"	H03	04H	20 MIN.	18			4/A7.01.2	4/A7.01.2		
D104A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
D105A	PR. 3' 0" x 7' 2" x 1 3/4"	H02	02H	90 MIN.	19			4/A7.01.2	4/A7.01.2		
D107A	3' 0" x 7' 2" x 1 3/4"	H01	01H		66	•		6/A7.01.2	6/A7.01.2		
D107B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
D108A	3' 0" x 7' 2" x 1 3/4"	H01	01H		66			6/A7.01.2	6/A7.01.2		
D108B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
D113A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	08	•		4/A7.01.2	4/A7.01.2		
D113B	4' x 7' 2" x 1 3/4"	W01	01H		13			4/A7.01.2	1 & 4/A7.01.2		
D114A	2' 8" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	07			4/A7.01.2	4/A7.01.2		
D114B	4' x 7' 2" x 1 3/4"	W01	01H		13			4/A7.01.2	1 & 4/A7.01.2		
D117A	PR. 3' 0" x 7' 2" x 1 3/4"	W01	02H		67	•		4/A7.01.2	4/A7.01.2		
D118A	3' 0" x 7' 2" x 1 3/4"	W01	01H		68			4/A7.01.2	4/A7.01.2		
D123A	2' 6" x 7' 2" x 1 3/4"	W01	01H		12			4/A7.01.2	4/A7.01.2		
D125A	2' 10" x 7' 2" x 1 3/4"	W01	01H		12			4/A7.01.2	4/A7.01.2		
D127A	2' 8" x 7' 2" x 1 3/4"	W01	01H		68	•		4/A7.01.2	4/A7.01.2		
D128A	3' 0" x 7' 2" x 1 3/4" (7'-4")	W01	14H		68			4/A7.01.2	4/A7.01.2		
D128B	2' 8" x 7' 2" x 1 3/4"	W01	01H		68			4/A7.01.2	4/A7.01.2		
D129A	2' 8" x 7' 2" x 1 3/4"	W01	01H		68			4/A7.01.2	4/A7.01.2		
D131A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	08			4/A7.01.2	4/A7.01.2		
D138B	PR. 3' 0" x 7' 2" x 1 3/4"	A05	02A		24			6/A7.01.2	6/A7.01.2		
D138C	PR. 3' 0" x 7' 2" x 1 3/4"	W01	02H	1 HR.	18			4/A7.01.2	4/A7.01.2		
D138D	3' 0" x 7' 2" x 1 3/4"	W02	01H		69	•		4/A7.01.2	4/A7.01.2		
D138E	3' 0" x 7' 2" x 1 3/4"	W02	01H		69	•		4/A7.01.2	4/A7.01.2		
D138F	PR. 3' 0" x 7' 2" x 1 3/4"	W02	02H		35			4/A7.01.2	4/A7.01.2		
D138G	PR. 3' 0" x 7' 2" x 1 3/4"	W02	02H		35			4/A7.01.2	4/A7.01.2		
D150A	3' 0" x 7' 2" x 1 3/4"	W01	01H	<u> </u>	37			4/A7.01.2	4/A7.01.2		
D151A	2' 10" x 7' 2" x 1 3/4"	W01	01H		37			1/A7.01.2	1/A7.01.2		
D152A	1 × 7 2 × 1 2/1		010	DO MIN	61			2/47 01 2	2/17 01 2	15/17 01 0	

						DOOR	& FRA	ME SCHEDULE	UNIT 'E'		
							N		DETAILS		
DOOR NUMBER	DOOR SIZE	DOOR TYPE	FRAME TYPE	FIRE RATING	HDWR SET NO.	ELEC. HARDWARE	REMOVABLE MULLIC	HEAD	JAMB	SILL	REMARKS
E		1.100	0.411		70			4/47.04.0	4/47.04.0	1	1
E100A	PR. 3' 0" x 7' 2" x 1 3/4"	H03	04H	90 MIN.	70			4/A7.01.2	4/A7.01.2		
E101A	3. 0" X 7. 2" X 1 3/4" (6'-0")	H05	124	20 MIN.	50			4/A7.01.2	4/A7.01.2		
EIUIB	10'2")	AUS	13A	20 MIN.	1	-		6/A7.01.2	6 & //A/.01.2		
E102A	3' 0" x 7' 2" x 1 3/4" (5'-0")	W02	05H		68			1/A7.01.2	1/A7.01.2		
E103A	3' 0" x 7' 2" x 1 3/4" (5'-0")	W02	05H		68			1/A7.01.2	1/A7.01.2		
E108A	3' 0" x 7' 2" x 1 3/4" (5'-0")	W02	05H		68			1/A7.01.2	1/A7.01.2		
E109A	3' 0" x 7' 2" x 1 3/4" (5'-0")	W02	05H		68			1/A7.01.2	1/A7.01.2		
E111A	3' 0" x 7' 2" x 1 3/4"	W01	01H		46			1/A7.01.2	1/A7.01.2		
E111B	3' 0" x 7' 2" x 1 3/4"	H01	01H		04			6/A7.01.2	6/A7.01.2		
E112A	3' 0" x 7' 2" x 1 3/4"	W01	01H		68			1/A7.01.2	1/A7.01.2		
E114A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	09	-		4/A7.01.2	4/A7.01.2		
E115A	(2) 3' 0" x 7' 0" x 1 3/4"	W02	03H	20 MIN.	18			4/A7.01.2	4/A7.01.2		
E115B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	73			4/A7.01.2	4/A7.01.2		
E116B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
E117A	2' 6" x 7' 2" x 1 3/4"	H01	01H		72			4/A7.01.2	4/A7.01.2		
E118A	3' 0" x 7' 2" x 1 3/4" (6'-4")	W04	05H		68			4/A7.01.2	4/A7.01.2		
E120A	3' 0" x 7' 2" x 1 3/4"	W04	01H		68			4/A7.01.2	4/A7.01.2		
E122A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
E123A	2' 8" x 7' 2" x 1 3/4"	W02	01H		68			4/A7.01.2	4/A7.01.2		
E125A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
E125A	3' 0" x 7' 2" x 1 3/4"	W01	01H		37			1/A7.01.2	1/A7.01.2		
E125B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	73			4/A7.01.2	4/A7.01.2		
E126A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
E126B	3' 0" x 7' 2" x 1 3/4"	W01	01H		72			4/A7.01.2	4/A7.01.2		
E127A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
E149A	3' 0" x 7' 2" x 1 3/4"	W01	01H		72			1/A7.01.2	1/A7.01.2		
S-6A	3' 0" x 7' 2" x 1 3/4"	H01	01H		48			6/A7.01.2	6/A7.01.2		

						DOOR	& FRA	ME SCHEDULE	UNIT 'B'		
							NO		DETAILS		
DOOR NUMBER	DOOR SIZE	DOOR TYPE	FRAME TYPE	FIRE RATING	HDWR SET NO.	ELEC. HARDWARE	REMOVABLE MULL	HEAD	JAMB	SILL	REI
в											
B102A	PR. 3' 0" x 7' 2" x 1 3/4"	H03	04H	90 MIN.	19			4/A7.01.2	4/A7.01.2		
B106A	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
B106B	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
B106C	3' 0 x 6'8" x 1 3/4"	A04	12A		60			6/A7.01.2	6/A7.01.2		
B108A	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
B108B	3' 0" x 7' 2" x 1 3/4"	H01	01H	-	10			4/A7.01.2	4/A7.01.2		
B109A	3' 0" x 7' 2" x 1 3/4"	H01	01H		12			4/A7.01.2	4/A7.01.2		
B110A	3' 0" x 7' 2" x 1 3/4"	H01	01H		10			4/A7.01.2	4/A7.01.2		
B111A	3' 0" x 7' 2" x 1 3/4"	H01	01H		66			8/A7.01.2	8/A7.01.2		
B112A	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN.	48			4/A7.01.2	4/A7.01.2		
B113A	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN.	52			4/A7.01.2	4/A7.01.2		
B114A	3' 0" x 7' 2" x 1 3/4"	H02	01H	1 HR.	07	-		4/A7.01.2	4/A7.01.2		
B115A	3' 0" x 7' 2" x 1 3/4"	H02	01H	1 HR	08	-		4/A7 01 2	4/A7 01 2		
B116A	3' 0" x 7' 2" x 1 3/4"	H01	01H		66	_		8/A7 01 2	8/A7 01 2		
B117A	3' 0" x 7' 2" x 1 3/4"	H01	01H		49			4/A7 01 2	4/A7 01 2		
B118A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	52			4/A7 01 2	4/A7 01 2		
B118R	3' 0" x 7' 2" x 1 3/4"	H01	01H	20 11111	66			8/A7 01 2	8/A7 01 2		
B119A	3' 0" x 7' 2" x 1 3/4"	H01	01H		13	-		4/A7 01 2	4/A7 01 2		
B120C	3' 0" x 7' 0" x 1 3/4"	H02	01H	20 MIN	08	-		4/A7 01 2	4/A7 01 2		
B1200	2' 8" x 7' 2" x 1 3/4"	H01	01H	20 101111	13			4/47 01 2	4/A7 01 2		
B121/	2'8" x 7' 2" x 1 3/4"	H02	01H		12			4/A7 01 2	4/47 01 2		
B1234	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN	08			4/A7 01 2	4/47 01 2		
B124A	PR 3'0" x 7' 2" x 1 3/4"	Δ01	024	3 HR	62	-	-	4/A7.01.2 6/Δ7.01.2	6/Δ7 01 2		
B124A	PR 3'0" x 7' 2" x 1 3/4"	H02	024	3 HR	50		-	0/A7.01.2 4/Δ7.01.2	0/AT.01.2		
B124D	3' 0" x 7' 2" x 1 3/4"	H02	01H	20 MIN	00	-	-	4/Δ7 01 2	4/Δ7 01 2		
B125R	/ x 7' 2" x 1 3/4"	H02	01H	20 WINN.	63	-		1/47 01 2	1/47.01.2		
B1260	$4 \times 1 \times $	W/01	011	5111	12	-		1/47 01 2	1/47.01.2		
B120A	3'0" x 7' 2" x 1 3/4	W01	01		13	-		1/47 01 2	1/47.01.2		
DIZIA				1	110	_ ■	1	1/71.01.2	1///1.01.2		

						DOOR	& FRA	ME SCHEDULE	E UNIT 'C'		
							N		DETAILS		
DOOR NUMBER	DOOR SIZE	DOOR TYPE	FRAME TYPE	FIRE RATING	HDWR SET NO.	ELEC. HARDWARE	REMOVABLE MULLI	HEAD	JAMB	SILL	RE
С											
C102A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09	•		1/A7.01.2	1/A7.01.2		
C103A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
C104A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
C105A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
C106A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
C107A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	64			4/A7.01.2	4/A7.01.2		
C107B	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			4/A7.01.2	4/A7.01.2		
C108A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09			1/A7.01.2	1/A7.01.2		
C109A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN.	09	•		1/A7.01.2	1/A7.01.2		
C110A	3' 0" x 7' 2" x 1 3/4"	W02	01H		65			1/A7.01.2	1/A7.01.2		
C111A	3' 0" x 7' 2" x 1 3/4"	W02	01H		65			1/A7.01.2	1/A7.01.2		
C112A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	09			1/A7.01.2	1/A7.01.2		
C113B	2' 10" x 7' 2" x 1 3/4"	W01	01H		12			1/A7.01.2	1/A7.01.2		
C114B	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	09			1/A7.01.2	1/A7.01.2		
C117A	2' 10" x 7' 2" x 1 3/4"	W01	01H	20 MIN.	08			4/A7.01.2	4/A7.01.2		
C124A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN	43			4/A7 01 2	4/A7 01 2		
C125A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN	43			4/A7 01 2	4/A7 01 2		
C126A	3' 0" x 7' 2" x 1 3/4"	W01	01H		13	-		4/A7 01 2	4/A7 01 2		
C128A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 MIN	09			4/A7 01 2	4/A7 01 2		
C130A	3' 0" x 7' 2" x 1 3/4"	W01	01H	20 1111	10			4/A7 01 2	4/A7 01 2		
C131A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	08			4/A7 01 2	4/A7 01 2		
C132A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	07			4/47 01 2	1 & 4/47 01 2		
C133A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	09			4/47 01 2	4/A7 01 2		
C134A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	09			4/47 01 2	4/A7 01 2		
C135A	3' 0" x 7' 2" x 1 3/4"	W02	01H	20 MIN	00	-		4/47 01 2	4/Δ7 01 2		
C136A	3'0" v 7' 2" v 1 3/4"	W02	011	20 MIN	00	-		1/47 01 2	1/47 01 2		
C137A	3'0" x 7' 2" x 1 3/4	W02	011	20 101111.	51	+ -		1/47 01 2	1/47 01 2		
CISTA	JUXIZXIJ/4	1000			101			1/AT.01.Z	1/A/.01.2		





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CAMBRIDGE CITY, INDIANA

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 TGD

 PROJECT NO.
 5-6394

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DOOR & FRAME SCHEDULES -BP2









DOOR FRAME LEGEND - BP2

FIRE FRAME

5 3/4" x 2"

SPEC. SEC. 08 41 23







OVERHEAD STEEL SECTIONAL

















6' - 0" 2" EQ. 2" EQ. 2" EQ. 2" 2" 4' - 4" 4' - 8" BL04 FIXED WINDOW - SPEC 08 41 13

	12' - 0"			h
2	3' - 10"	2",	3' - 9"	1 2", 1
		////		1/11
///				///
111	SA		SA	1/11

(W03) FIXED WINDOW - SPEC 08 51 13







OH1 INSULATED



A01 ALUMINUM

FLUSH



DOOR TYPE LEGEND - BP2

GLAZING NOTES: ALL EXTERIOR WINDOWS 1" INSULATED PER SPECIFICATIONS. 1/4" CLEAR TYPICAL EXCEPT FIRE-RATED - SEE SPECIFICATIONS. GLASS TO BE TEMPERED AS REQUIRED

MAXIMUM GLASS AREA PER FIRE RATING: 180 MIN. LABEL = NO GLASS 90 MIN. LABEL = 100 SQ.IN. 45 MIN. LABEL = 1296 SQ.IN. 20 MIN. LABEL = AS TESTED VERIFY COMPLIANCE TO ALL

ADJUST LITE SIZE BASED ON SCHEDULED FIRE RATING AS

NOTE: ALL SIDELITES AND TRANSOMS W/ 20 MIN. DOORS REQUIRE 45 MIN.

SA) = SAFETY GLAZING SE) = SECURITY GLAZING ST) = SELF TINTING GLAZING = SPANDREL PANEL = LOUVER PANEL



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DOOR, FRAME, AND WINDOW LEGENDS - BP2



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MM A6.01.2





	A6.0		
FUTURE OFFICE E111		FILES	
Э			



MM BUILDING SECTION MM - BP2 A6.01.2 1/4" = 1'-0"









A7.01.2



-STEEL LINTEL & PLATE - SEE

(GALV. & PAINT ALL EXPOSED

AROUND FRAME PERIMETER

BORROWED LITE HEAD

SEE BORROWED LITE TYPES

-BORROWED LITE GLAZING

HOLLOW METAL FRAME - FILL

PROVIDE (3) ANCHORS PER

FRAME W/ GROUT AND

JAMB MINIMUM GROUTED

INTO BLOCK CORES. (TYP.)

-BORROWED LITE GLAZING

-HOLLOW METAL FRAME -

FILL FRAME W/ GROUT

SEE BORROWED LITE TYPES

-SEALANT - BOTH SIDES

-BLOCK WALL WITH WALL

-5/8" GYP. OVER BOTH SIDES

OF 3 5/8" METAL STUDS

FRAMING AT 16" O.C.

HEADER SCHEDULE

-HOLLOW METAL DRYWALL

FRAME - SEE BORROWED

-BORROWED LITE GLAZING

LITE SCHEDULE

AND GLASS STOP

-(2) 3 5/8" METAL STUDS

-BORROWED LITE GLAZING

-HOLLOW METAL DRYWALL FRAME -

SEE BORROWED LITE SCHEDULE

-SEALANT AROUND PERIMETER

-5/8" GYP. OVER BOTH SIDES

-EXISTING METAL SIDING ON

-INSTALL NEW FLASHING AS

-SEALANT - CONTINUOUS

STUD AND FLASHING

-BRAKE METAL CLOSURE PIECE OVER STUD AND

STRUCTURE

-NEW 8" METAL STUD

-SEE DOOR SCHEDULE FOR DOOR TYPE

-WOOD SHIMS AS REQ.

AROUND FRAME PERIMETER

BOTH SIDES, SEAL BETWEEN

STUD AND EX. METAL SIDING

-EXISTING METAL SIDING ON

GIRTS TO REMAIN

REMAIN

-EXISTING GIRTS AND STUDS

SUPPORTING SIDING TO

-BRAKE METAL CLOSURE

PIECE OVER STUD AND

STRUCTURE

FOR DOOR TYPE

AROUND FRAME PERIMETER BOTH SIDES. SEAL BETWEEN

GIRTS TO REMAIN

NEEDED

OF 3 5/8" METAL STUD

FRAMING AT 16" O.C.

AND GLASS STOP

BOTH SIDES

(TYPICAL)

AT JAMB - FLOOR TO

STRUCTURE ABOVE

(TYP.)

REINFORCING AT 16" O.C.

SEE PLANS FOR THICKNESS

BORROWED LITE SILL

AND GLASS STOP

(TYPICAL)

AND GLASS STOP

STRUCTURAL DRAWINGS

-SEALANT - CONTINUOUS

-HOLLOW METAL FRAME -

FILL FRAME W/ GROUT

BOTH SIDES

(TYPICAL)









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DETAILS - BP2





-REMOVE EXISTING STONE CAP

-NEW CONT 24 GA PREMIUM TWO PIECE PREMANUFACTURED 5 1/2" METAL FASCIA WITH EXTENSION AND CONT HOLD DOWN CLIP (COMPLY WITH ES-1 PER SPRI TESTING) WITH #9 x 2" STAINLESS STEEL SCREW FASTENERS AT 12 O.C. OR NRCA APPROVED DETAIL

-PROVIDE CONT. CAULK AND BACKERROD TYP.

3/4" TREATED PLYWOOD ON 2x TREATED WOOD BLOCKING CONTINUOUS W/ COUNTERSUNK 1/2" DIA X 6" RED HEAD LDT ANCHORS @ 24" O.C. (STAGGERED) INTO CONT GROUTED TOP COURSE OF MASONRY OR SOLID BRICK -CONTACT ENGINEER OF RECORD AFTER VERIFYING EXISTING CONDITIONS

CONSTRUCTION TO REMAIN

EXISTING ROOF DECK -VERIFY IN FIELD



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_____ **ROOF DETAILS - BP2**

A7.02.2

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ROOF TO EXISTING WALL FLASHING



	LOW TRANSACTION COUNTER
1	TYPICAL BULKHEAD DETAIL - BP2
7.04.2	1 1/2" = 1'-0"



	PL5
, 4' - 10" ,	12' - 3" 2' - 5 7/8"
5 E104 RECEPTI	ION DESK SIDE VIEW





A7.04.2

1' - 1 1/2"

1/4" = 1'-0"



#2 ACK Δ BID RENOVATIONS SCHOOLS WAYNE Š IONS ADDIT **TERN** Ŋ WES IOOL \mathbf{O} S Ш Ζ RN Ш S Ш _____ ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JMD REVIEWED ASG 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -----MILLWORK DETAILS

A7.04.2











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11 \	E100 SOUTH CORRIDO
A8 01 2	1/4" = 1'-0"

P4	P4	
P1	P1	

P4		P4
P1		P1
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																							+	3' -	- 10"
									—P1-									P4		 7	–P1—	 P4_		-	
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\sim # BID RENOVATIONS SCHOOLS Л ð S TION \succ MA ADDI ERN S, WESTI CHOOL S \geq WESTERN ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JMD REVIEWED AGS 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -----**INTERIOR ELEVATIONS - BP2**

A8.02.2

5E126A STUDIO APARTMENT WEST ELEVATIONA8.03.21/4" = 1'-0"

3E125 LIFE SKILLS SOUTH ELEVATIONA8.03.21/4" = 1'-0"

2 A8.03.2	E125 LIFE SKILLS NORTH ELEVATION

#2 AGE CK CK ΡA BID RENOVATIONS SCHOOLS WAYNE ৵ ITIONS ADD ERN S, HOOL Ś Ш Ž ()S Ζ \geq ERN

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04.15.2025 BIDS & CONSTRUCTION

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INTERIOR ELEVATIONS - BP2

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GENERAL FINISH NOTES :				FINISH LEGEND :
1. ALL CERAMIC TILE OR PORCELAIN TILE FLOORS TO RECEIVE CERAMIC TILE BASE; U.N.O.	ACT1	ACOUSTICAL CEILING TILE (CLASSROOMS / CORRIDORS) MFR: ARMSTRONG STYLE: FINE FISSURED 1728	PL1	PLASTIC LAMINATE MFR: WILSONART STYLE: WOOLAMAI BRUSH 4746
 ALL AREAS OF CARPET, LVT, SEALED CONCRETE, OR OTHER RESILIENT FLOORING TO RECEIVE RUBBER BASE; U.N.O. ON FINISH PLANS. IT IS THE RESPONSIBILITY OF ALL TRADES TO COORDINATE PREPARATION OF SURFACES TO RECEIVE FINISH PRODUCT. CONSULT WITH MANUFACTURERS 	ACT2	COLOR: WHITE SIZE: 24 X24 ACOUSTICAL CEILING TILE (LOCKER ROOM / KITCHEN) MFR: ARMSTRONG	PL2	FINISH: 60 MATTE FINISH PLASTIC LAMINATE (COUNTERTOP) MFR: WILSONART STYLE: PRESSED LINEN 4991
 RECOMMENDED PRACTICES. 4. ALL REDUCERS TO COORDINATE APPROPRIATELY WITH ABUTTING MATERIAL HEIGHT. 5. INSTALL 4" H. BUBBER BASE (RB) AT CASEWORK TOE KICKS. INSIDE OF ELOORI ESS. 	CT1	STYLE: CERAMAGUARD 605 COLOR: WHITE SIZE: 24 X 24 CARPET THE (USED IN BP2)	PL3	FINISH: 38 FINE VELVET PLASTIC LAMINATE (MILLWORK) (USED IN BP2) MFR: WILSONART STVLE: SESAME VELVET ELM 15603
 INSTALL 4 TH ROBBER DASE (RD) AT CASE WORK TOE RICKS, INSIDE OF FLOORLESS CASEWORK, AND VERTICAL SUPPORTS. SEE SPECIFICATIONS FOR RESILIENT ACCESSORY INFORMATION. 	GTT	MFR: MANNINGTON COMMERCIAL STYLE: SCRIPT COLOR: BOROUGH 15217 SIZE: 24" X 24"	PL4	FINISH: 31 TRACELESS PLASTIC LAMINATE (MILLWORK) (USED IN BP2) MFR: WILSONART
 PAINT ALL EXPOSED MECHANICAL AND ELECTRICAL ITEMS INTENDED TO RECEIVE FIELD PAINT TO MATCH ADJACENT SURFACES; U.N.O. BOOR FRAMES TO BE PAINTED P3; U.N.O. 	CT2	INSTALLATION: MONOLITHIC ? (VERIFY) CARPET TILE MFR: J+J FLOORING STYLE: KINETEX Z FACTOR	PL5	STYLE: LAPIS BLUE D417 FINISH: 60 MATTE PLASTIC LAMINATE (MILLWORK) (USED IN BP2) MFR: WILSONART
 WINDOW FRAMES TO BE PAINTED P2; U.N.O. EXPOSED CEILINGS, DECK, DUCTWORK, STRUCTURE AND OTHER MISC. EXPOSED ITEMS TO BE PAINTED P1; U.N.O. ON INTERIOR ELEVATIONS, CEILING PLANS OR FINISH DLANS 	072	COLOR: 2862 SIZE: 18" X 36" INSTALLATION: ASHLAR	RB1	STYLE: PEARL SOAPSTONE FINISH: 38 FINE VELVET RUBBER BASE
 FLANS. 11. FACE & UNDERSIDE OF BULKHEADS TO BE PAINTED P1; U.N.O. ON FINISH PLANS OR NOTED ON INTERIOR ELEVATIONS. 	013	MFR: MILLIKEN STYLE: OBEX TILE - CUT CONTOUR COLOR: GRAY W/ NAVY SIZE: 19.7" X 19.7"		STYLE: JOHNSONITE BASEWORKS COLOR: MEDIUM GREY 28 SIZE: 4" H
12. REFER TO CEILING PLANS & CEILING SPECIFICATIONS FOR SPECIAL CEILING DESIGNATIONS AND ACT TYPES.	CT4	INSTALLATION: ASHLAR CARPET TILE (MEDIA CENTER) (USED IN BP2)	RES1	RESINOUS FLOORING SYSTEM MFR: SHERWIN WILLIAMS STYLE: RESUFLOR DECO FLAKE 1/4"
 REFER TO INTERIOR ELEVATION SHEETS FOR MORE DETAILED PAINT AND INTERIOR FINISH INFORMATION. WHERE PORCELAIN/CERAMIC TILE IS APPLIED ON THE WALL BASE, PROVIDE (METAL TRANSITION STRIP AT EXPOSED THE EDGES): REFER TO SPECIFICATIONS AND/OR 		MFR: MANNINGTON STYLE: AUTOMATA CRYPTOGRAM COLOR: GENS SIZE: 18 X 36 INSTALLATION: ASHLAR	RSG1	COLOR: REBEL BLUE RESILIENT SHEET GOODS MFR: MANNINGTON (DARK GRAY) STVLE: BIOSPEC MD
 ELEVATIONS FOR TYPE, FINISH AND LOCATION INFORMATION. 15. WHERE PORCELAIN/CERAMIC TILE IS APPLIED ON THE WALL SURFACE, PROVIDE METAL TRANSITION STRIP AT EXPOSED TILE EDGES INCLUDING EXTERIOR CORNERS; REFER TO SPECIFICATIONS AND/OR ELEVATIONS FOR TYPE, FINISH AND LOCATION 	CT5	CARPET TILE (MEDIA CENTER) (USED IN BP2) MFR: MANNINGTON STYLE: AUTOMATA CRYPTOGRAM COLOR: PHOENIX	RSG2	COLOR: PEPPERCORN 15502 SIZE: STANDARD ROLL RESILIENT SHEET GOODS (BLUE) MFR: MANNINGTON
INFORMATION. 16. ALL WALL TILE INSTALLATIONS SHOULD BE FULL HEIGHT; UNLESS NOTED OR SHOWN OTHERWISE ON INTERIOR ELEVATIONS.	LVT1	SIZE: 18 X 36 INSTALLATION: ASHLAR LUXURY VINYL TILE (USED IN BP2) MER: MOHAWK GROUP	RSG3	STYLE: BIOSPEC MD COLOR: ISLAND SKY 15434 SIZE: ROLL RESILIENT SHEET GOODS
 WHERE WALL TILE IS SPECIFIED TO BE FULL HEIGHT THAT SHALL INCLUDE THE TOP OF ANY WALLS THAT DO NOT EXTEND TO THE CEILING PLANE. U.N.O. ALIGN FLOOR TILE GROUT JOINTS WITH WALL TILE GROUT JOINTS WHERE APPLICABLE 	11/70	STYLE: TERRAZZO C0180 COLOR: 939 LINOSA SIZE: 12" X 24"		MFR: MANNINGTON (LT GRAY) STYLE: BIOSPEC MD COLOR: KOALA 15505 SIZE: ROLL
19. WHERE MATERIALS TRANSITION AT DOOR THRESHOLD, TRANSITION SHOULD OCCUR AT THE CENTER OF THE DOOR IN THE CLOSE POSITION.	LVIZ	MFR: INTERFACE STYLE: TEXTURED WOODGRAINS COLOR: A00405 GREY DUNE SIZE: 9.845" X 39.38"	RST1	RUBBER STAIR TREAD SYSTEM MFR: TARKETT STYLE: ANGLE FIT TREAD & RISER TEXTURE: RAISED SQUARE TREAD/RISER :VIRNSQTR
 FOR ALL TILE INSTALLATIONS; REFER TO SPECIFICATIONS FOR TRIM FINISH INFORMATION MECHANICAL & ELECTRICAL ROOM FINISHES: AS A TYPICAL; PAINT WALLS, DO NOT PAINT EXPOSED STRUCTURE, DO NOT PROVIDE WALL BASE. TYPICAL UNLESS NOTED 	LVT3	LUXURY VINYL TILE (USED IN BP2) MFR: INTERFACE STYLE: STUDIO SET COLOR: ELECTRIC BLUE A00721	SC1	COLOR: 20 CHARCOAL SEALED CONCRETE SEE SPECS.
OTHERWISE ON FINISH PLANS. 22. WHERE SEALED CONCRETE (SC). IS SPECIFIED, REFER TO SPECIFICATION SECTION 09 90 00 PAINTING, FOR SYSTEM TYPE.	LVT4	SIZE: 9.845" X 39.38" LUXURY VINYL TILE (USED IN BP2) MFR: INTERFACE STVLE: TEXTURED WOODGRAINS	SS1	SOLID SURFACE MATERIAL MFR: DURAT COLOR: 790 DARK BLUE
 REFER TO SPECIFICATIONS FOR ALL PAINT TYPES. ALL PAINTED WALLS IN TOILET ROOMS, KITCHENS, LOCKER ROOMS, SCIENCE ROOMS, STEM AND MAKEDSPACES SHALL PROFINE FROM ADDATE 		COLOR: A00423 RUSTIC ASH SIZE: 9.845" X 39.38"	101	MFR: SCHLUTER STYLE: ECK-K COLOR: ANNODIZED
 ALL STAIR AND GUARDRAIL RAILINGS, HANDRAILS, STRINGERS, RISERS, ETC ARE TO BE PAINTED P2; U.N.O. 	LVIJ	MFR: INTERFACE STYLE: TEXTURED WOODGRAINS COLOR: A00425 RUSTIC CHARCOAL SIZE: 9.845" X 39.38"	TS2	TRANSITION STRIP MFR: JOHNSONITE STYLE: THRESHOLD
 CONTRACTOR SHALL COORDINATE THE INSTALLATION OF OWNER FURNISHED EQUIPMENT, INCLUDED DIMENSIONS OF SUCH AS THEY RELATE TO THEIR OWN WORK. REMOVE, SALVAGE AND RE-INSTALL EXISTING ROOM SIGNAGE PRIOR TO PAINTING WALLS IN AREAS OF WORK, TYP. 	PTW1	PORCELAIN TILE WALL (USED IN BP2) MFR: MEDITERRANEA STYLE: CHICAGO COLOR: SOUTH SIDE	WS1	COLOR: TBD WOOD STAIN MFR: MINWAX COLOR: SILVERED GRAY MW282
28. REMOVE AND SALVAGE ALL WALL MOUNTED FURNISHINGS AND ARTWORK PRIOR TO PAINTING. COORDINATE SALVAGE AND RE-INSTALLATION WITH OWNER.		SIZE: 4 X 8 GROUT: TBD CONTACT: VIRGINIA TILE, LISA MCLEAN		STYLE: SEMI-TRANSPARENT COLOR STAIN
 29. DO NOT PAINT OVER EXISTING GLAZED FACE BLOCK OR EXPOSED BRICK, U.N.O. 30. PROTECT ALL FINISHES DURING CONSTRUCTION. 	PTW2	CERAMIC TILE WALL MFR: AMERICAN OLEAN STYLE: COLOR STORY COLOR: BALANCE GLOSSY SIZE: 4 X 12 GROUT: TBD CONTACT: VIRGINIA TILE. LISA MCLEAN		
FINISH SYMBOLS :	PTW3	CERAMIC TILE WALL (EXTERIOR TILE) MFR: CERCOM STYLE: IN CONTRO		
ROOM NAME CPT1 X FLOORING TRANSITION		COLOR: CREAM SIZE: 24 X 48 GROUT: TBD CONTACT: VIRGINIA TILE, LISA MCLEAN		
FLOOR FINISH BASE FINISH W.P. 1 WORK POINT	PTW4	CERAMIC TILE WALL MFR: AMERICAN OLEAN STYLE: COLOR STORY COLOR: SAPPHIRE SKY GLOSSY SIZE: 4 X 12 GROUT: TBD		
FINISH KEYNOTES :	PTF5	CONTACT: VIRGINIA TILE, LISA MCLEAN CERAMIC TILE WALL MFR: AMERICAN OLEAN STYLE: UNGLAZED MOSAICS		
01 MANUAL ROLLER SHADE LOCATION. PROVIDE FULL WIDTH OF WINDOW ASSEMBLY AT EACH LOCATION REFER TO SPECIFICATION		COLOR: CONFIDENT BLEND SIZE: 1X1 GROUT: TBD CONTACT: VIRGINIA TILE, LISA MCLEAN		
02 MOTORIZED ROLLER SHADES LOCATION. PROVIDE FULL WIDTH OF WINDOW ASSEMBLY AT EACH LOCATION REFER TO SPECIFICATION 05 PAINT HM/WOOD DOOR AND FRAME P4; BOTH SIDES	P1	PAINT (GENERAL) MFR: SHERWIN WILLIAMS COLOR: EXTRA WHITE SW7006		
07 PAINT WALLS; P1 FROM FINISHED FLOOR TO 6'AFF. P4 STARTING 6'AFF FOR 2 COURCES, THEN P3 AT 7'-4' FOR TWO COURCES. SEE ELEVATIONS.	P2	MFR: SHERWIN WILLIAMS COLOR: MINDFUL GRAY SW7016		
08 PAINT WALLS: P2 ABOVE TILED WEINSCOT TO 6'-8"AFF. P3 STARTING 6'-8"AFF FOR 2 COURCES, THEN P1 FOR 1 COURSE. SEE ELEVATIONS. PAINT FRAME AND 8" AROUND DOOR TO FINISHED CEILING: P4	P3	PAINT (ACCENT BLUE) MFR: SHERWIN WILLIAMS COLOR: CUSTOM R=37, G=52, B=122		
09 PAINT HINGE SIDE OF WALL: P4 1'-6"W, P3 8" W	Ρ4	PAINT (ACCENT YELLOW) MFR: SHERWIN WILLIAMS COLOR: CUSTOM R=244, G=168, B=29		
UINDOW SILLS TO BE SS1	P5 P6	PAINT: (ACCENT) MFR: SHERWIN WILLIAMS COLOR: BLUE BLOOD SW6966 PAINT: (ACCENT)		
	D7	MFR: SHERWIN WILLIAMS COLOR: REPOSE GRAY SW7015		
	1.1	MFR: SHERWIN WILLIAMS COLOR: BLACK MAGIC SW6991		

#2 Ш BID RENOVATIONS SCHOOLS WAYNE Š ITIONS ADDI ERN S S WESTI SCHOOL Ш Z X 3 WESTERN

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INTERIOR FINISHES - BP2

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#2 RENOVATIONS SCHOOLS WAYNE Š ITIONS ADD WESTERN STOOF 111 Ш Ч С Ш \geq ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JMD REVIEWED AGS 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ UNIT 'B' FIRST FLOOR FINISH PLAN - BP2 A9.1B.2

UNIT D UNIT F UNIT E

◆ UNIT 'C' FIRST FLOOR FINISH PLAN - BP2

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UNIT F

HOOLS ADDITIONS & RENOVATIONS - BID PACKAGE

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UNIT 'C' FIRST FLOOR FINISH PLAN - BP2

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UNIT 'E' FIRST FLOOR FINISH PLAN - BP2 1/8" = 1'-0"

\sim BID RENOVATION SCHOOLS YNE ð TIONS MA ADD ERN S S \cap 2 ISSUANCES 04.15.2025 BIDS & CONSTRUCTION

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UNIT 'E' FIRST FLOOR FINISH PLAN - BP2

PLUMBING FIXTURE SCHEDULE

WATER CLOSET DESCRIPTION (WC-1A): AMERICAN STANDARD AFWALL MILLENNIUM FLOWISE ELONGATED FLUSHOMETER TOILET MODEL 2257.101, ACCESSIBLE, WALL HUNG, SIPHON JET, VITREOUS CHINA CLOSET BOWL, ELONGATED RIM, 1-1/2 INCH TOP SPUD, CHINA BOLT CAPS, 1.6 GPF. COLOR: WHITE. INSTALL PER BARRIER FREE AND ADA REQUIREMENTS. FLUSH VALVE (FLUSHOMETER) DESCRIPTION: SLOAN REGAL 111 SFSM-1.6-XL-TMO,1.6 GPF, XL SWEAT SOLDER ADAPTER KIT, POLISHED CHROME FINISH, 1.5" FLUSH CONNECTION, FIXTURE CONNECTION TOP SPUD, SINGLE FLUSH, 1" INLET, 1" CONTROL STOP, TRUE MECHANICAL OVERRIDE, BATTERY, INFRARED, EXPOSED SENSOR WATER CLOSET FLUSHOMETER. SEAT DESCRIPTION: BEMIS MODEL 1955SSCT, COMMERCIAL HEAVY-DUTY PLASTIC TOILET SEAT, OPEN FRONT, MOLDED IN BUMPERS, SELF-SUSTAINING HINGE, STAINLESS STEEL BOLTS, WITHOUT COVER. COLOR: WHITE. WATER CLOSET CARRIER DESCRIPTION: JAY R. SMITH SERIES 200, COMBINATION CARRIER DESIGNED FOR STANDARD OR ACCESSIBLE MOUNTING HEIGHT OF WALL HUNG WATER CLOSET FIXTURE. SINGLE OR DOUBLE, VERTICAL OR HORIZONTAL, HUBLESS OR HUB AND SPIGOT WASTE FITTING AS REQUIRED FOR PIPING ARRANGEMENT, FACEPLATES, COUPLINGS WITH GASKETS, FEET, FIXTURE BOLTS AND HARDWARE MATCHING FIXTURE. WATER CLOSET DESCRIPTION (WC-2A): AMERICAN STANDARD MADERA RIGHT HEIGHT MODEL 3043.001, ACCESSIBLE FLOOR MOUNTED WATER CLOSET, SIPHON JET, VITREOUS CHINA CLOSET BOWL, 1-1/2 INCH TOP

SPUD, 17-1/4 INCHES HIGH, 10 INCH OR 12 INCH ROUGH IN, MATCHING BOLT CAPS, 1.6 GPF. COLOR: WHITE. INSTALL PER BARRIER FREE AND ADA REQUIREMENTS. FLUSH VALVE (FLUSHOMETER) DESCRIPTION: SLOAN REGAL 111 SFSM-1.6-XL-TMO,1.6 GPF, XL SWEAT SOLDER ADAPTER KIT, POLISHED CHROME FINISH, 1.5" FLUSH CONNECTION, FIXTURE CONNECTION TOP SPUD, SINGLE FLUSH, 1" INLET, 1" CONTROL STOP, TRUE MECHANICAL OVERRIDE, BATTERY, INFRARED, EXPOSED SENSOR WATER CLOSET FLUSHOMETER. SEAT DESCRIPTION: BEMIS MODEL 1955SSCT, COMMERCIAL HEAVY-DUTY PLASTIC TOILET SEAT, OPEN FRONT, MOLDED IN BUMPERS, SELF-SUSTAINING HINGE, STAINLESS STEEL BOLTS, WITHOUT COVER. COLOR: WHITE. LAVATORY DESCRIPTION (LAV-1A): AMERICAN STANDARD LUCERNE LAVATORY MODEL 0355.012, WALL HUNG LAVATORY, VITREOUS CHINA, FRONT OVERFLOW, FAUCET LEDGE WITH FAUCET HOLES ON 4 INCH CENTERS, SELF-DRAINING DECK AREA, DRAIN LOCATED NEAR BACK OF BOWL, 21-1/2 INCHES BY 18-1/4 INCHES OVERALL DIMENSIONS. COLOR: WHITE. INSTALL PER BARRIER FREE AND ADA REQUIREMENTS. FAUCET DESCRIPTION: CHICAGO FAUCETS 802-665ABCP DECK MOUNTED LAVATORY FAUCET WITH VANDAL RESISTANT INDEXED METAL METERING CARTRIDGE, ALL METAL BODY, INTEGRAL HOT LIMIT SAFETY STOP, CAST BRASS WATERWAY, 0.5 GPM VANDAL RESISTANT SPRAY OUTLET FINISH: POLISHED CHROME LAVATORY CARRIER DESCRIPTION JAY R. SMITH SERIES 700, CARRIER WITH CONCEALED ARMS AND TIE ROD FOR WALL MOUNTING, STEEL

UPRIGHTS WITH FFFT CHROME PLATED 17 GAGE BRASS 1-1/4-INCH P-TRAP WITH CLEANOUT, CAST BRASS NUTS, AND ARM WITH ESCUTCHEON. RIGID SUPPLIES: NPS 1/2 INCH SOLDERED OR THREADED COPPER CONNECTION TO SUPPLY, NPS 3/8 INCH CHROME PLATED BRASS ANGLED STOPS WITH QUARTER TURN ON/OFF OPERATION, BLOW OUT PROOF STEM AND CHROME PLATED METAL DIE CAST HANDLE (NO PLASTIC), CHROME PLATED RIGID COPPER RISERS UPSTREAM OF MIXING VALVE, CHROME PLATED RIGID COPPER RISERS OR STAINLESS STEEL FLEXIBLE SUPPLIES DOWNSTREAM OF MIXING VALVE. DESCRIPTION (S-1A): ELKAY GOURMET SERIES MODEL LRAD-1919, ACCESSIBLE, SINGLE BOWL,

RESIDENTIAL, COUNTER MOUNTING KITCHEN SINK, SELF RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, TOP MOUNT. FAUCET LEDGE WITH FAUCET HOLES ON 4 INCH CENTERS WITH SPOUT CENTERED IN BOWL (2 HOLES TOTAL), DRAIN CENTERED IN BOWL, 19-1/2 INCHES BY 19 INCHES OVERALL DIMENSIONS, BOWL DIMENSIONS 16 INCHES BY 13-1/2 INCHES BY 6 INCHES DEEP, FULLY UNDERCOATED UNDERSIDE. INSTALL PER BARRIER FREE AND ADA REQUIREMENTS. FAUCET DESCRIPTION: ELKAY EVERYDAY REMOTE HANDLE KITCHEN FAUCET MODEL LK3000CR. DECK MOUNTED SINGLE LEVER SINK FAUCET WITH TUBULAR HIGH ARC 360-DEGREE SWING SPOUT, LEVER HANDLE, ALL METAL BODY, 4-INCH CENTERSET, ½ INCH IPS ADAPTERS, 1.5 GPM. FINISH: POLISHED CHROME. ACCESSORIES CHROME PLATED 17 GAGE BRASS 1-1/2-INCH P-TRAP WITH CLEANOUT AND ARM WITH

3/8 INCH CHROME PLATED BRASS ANGLED STOPS WITH QUARTER TURN ON/OFF OPERATION, BLOW OUT PROOF STEM AND CHROME PLATED METAL DIE CAST HANDLE (NO PLASTIC), CHROME PLATED RIGID COPPER RISERS UPSTREAM OF MIXING VALVE, CHROME PLATED RIGID COPPER RISERS OR STAINLESS STEEL FLEXIBLE SUPPLIES. DRAIN: ELKAY LK-99 OR EQUAL DRAIN FITTING AND TAIL PIECE, TYPE 304 STAINLESS STEEL BODY, REMOVABLE CONICAL BASKET STRAINER WITH METAL BALL BEARING LOCKING STEM AND RUBBER STOPPER. FINISH: ULTRA BRIGHT POLISHED. LAVATORY TRIM INSULATION.

DESCRIPTION (S-2A): ELKAY GOURMET SERIES MODEL LRAD-3319, ACCESSIBLE DOUBLE BOWL, RESIDENTIAL, COUNTER MOUNTING KITCHEN SINK, SELF RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, TOP MOUNT, FAUCET LEDGE WITH FAUCET HOLES ON 8 INCH CENTERS (3 HOLES TOTAL), DRAINS LOCATED NEAR BACK OF BOWLS. 33 INCHES BY 19-1/2 INCHES OVERALL DIMENSIONS. BOWL DIMENSIONS 14 INCHES BY 14 INCHES BY 6 INCHES DEEP (2 TOTAL), FULLY UNDERCOATED UNDERSIDE. INSTALL PER BARRIER FREE AND ADA REQUIREMENTS

ACCESSORIES

STOPPER. FINISH: ULTRA BRIGHT POLISHED.

METAL LEVER HANDLE, ALL METAL BODY, 1.5 GPM. FINISH: POLISHED CHROME. CHROME PLATED 17 GAGE BRASS 1-1/2-INCH P-TRAP WITH CLEANOUT AND ARM WITH ESCUTCHEON. RIGID SUPPLIES: NPS 1/2 INCH SOLDERED OR THREADED COPPER CONNECTION TO SUPPLY, NPS 3/8 INCH CHROME PLATED BRASS ANGLED STOPS WITH QUARTER TURN ON/OFF OPERATION, BLOW OUT PROOF STEM AND CHROME PLATED METAL DIE CAST HANDLE (NO PLASTIC), CHROME PLATED RIGID COPPER RISERS UPSTREAM OF MIXING VALVE, CHROME PLATED RIGID COPPER RISERS OR STAINLESS STEEL FLEXIBLE SUPPLIES DOWNSTREAM OF MIXING VALVE. DRAIN: ELKAY LK-99 OR EQUAL DRAIN FITTING AND TAIL PIECE, TYPE 304 STAINLESS STEEL BODY,

TUBULAR HIGH ARC 360-DEGREE SWING SPOUT AND RETRACTABLE SIDE SPRAY AND HOSE, INDEXED

ESCUTCHEON. RIGID SUPPLIES: NPS 1/2 INCH SOLDERED OR THREADED COPPER CONNECTION TO SUPPLY, NPS

FAUCET DESCRIPTION: ELKAY HI-ARC MODEL LKE-LK3001, DECK MOUNTED SINK FAUCET WITH

REMOVABLE CONICAL BASKET STRAINER WITH METAL BALL BEARING LOCKING STEM AND RUBBER

PLUMBING LINE	PLUMBING LINE SERVICE DESIGNATIONS						
AV ⁻	ACID VENT PIPING						
	ACID WASTE PIPING ABOVE GROUND						
—AW——————	ACID WASTE PIPING UNDERGROUND						
CA	COMPRESSED AIR PIPING						
COND	CONDENSATE PIPING						
	DOMESTIC COLD WATER PIPING						
G	NATURAL GAS PIPING						
—GSAN————	GREASE LADEN SANITARY DRAIN PIPING						
	DOMESTIC HOT WATER PIPING						
	DOMESTIC HOT WATER RETURN PIPING						
OSAN	OIL LADEN SANITARY DRAIN PIPING						
SAN	SANITARY DRAIN PIPING ABOVE GROUND						
	SANITARY DRAIN PIPING UNDERGROUND						
	SANITARY FORCED MAIN DRAIN PIPING						
	SOFTENED DOMESTIC COLD WATER PIPING						
ST	STORM DRAIN PIPING ABOVE GROUND						
—	STORM DRAIN PIPING UNDERGROUND						
ST(O)	OVERFLOW STORM DRAIN PIPING						
V	SANITARY VENT PIPING						
	MATCHLINE						
	DIRECTION OF FLOW						

NOT ALL PIPE SERVICES MAY BE PRESENT IN CONSTRUCTION DOCUMENTS.

AAV AFE	
AV	ACID VENT
AVTR	ACID VENT THROUGH ROOF
AW	ACID WASTE
BFP	BACKFLOW PREVENTER
BT	BATHTUB
CA	COMPRESSED AIR
CBV	
CLG	
COND	
COND	CONNECTION
CONT	CONTINUATION
CONTR	CONTRACTOR
COORD	COORDINATE
CW	DOMESTIC COLD WATER
CWFU	COLD WATER FIXTURE UNITS
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNITS
DN	DOWN
DPB	DOMESTIC WATER PRESSURE BOOSTER
DW	
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EX / EXIST	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FSET	FOOD SERVICE EQUIPMENT TRADES
G	NATURAL GAS
GI	GREASE INTERCEPTOR
USAN HRC	DOMESTIC HOT AND DOMESTIC COLD WATER
HR	HOSE BIBB
HSS	HOLLOW STRUCTURAL SECTION
HW	DOMESTIC HOT WATER
HWFU	HOT WATER FIXTURE UNITS
HWR	DOMESTIC HOT WATER RETURN
IE	INVERT ELEVATION
IOB	ICE MAKER OUTLET BOX
LOC	LOCATION
LT	
MAU	
MER	
MSB	MOP SERVICE BASIN
MIN	MINIMUM
MV	MIXING VALVE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OVERFLOW ROOF DRAIN
01	OIL INTERCEPTOR
USAN	OIL LADEN SANITARY
731 PD	YUUNDS YEK SQUAKE INCH ROOF DRAIN
RECRV	
RH	ROOF HYDRANT
RPZBFP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
SAN	SANITARY
SAN(FM)	SANITARY FORCED MAIN
SCW	SOFTENED DOMESTIC COLD WATER
SH	SHOWER
ST	STORM
ST(O)	STORM OVERFLOW
UNO	
U	URINAL
USGS	UNITED STATES GEOLOGICAL SURVEY
V	SANITARY VENT
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET OR WATER COLUMN
WCO	WALL CLEANOUT
WH	WALL HYDRANT
WMB	WASHING MACHINE OUTLET BOX

NOT ALL SYMBOLS MAY BE PRESENT IN CONSTRUCTION DOCUMENTS.

PLUM	BING SYMBOLS LEGEND
\bowtie	GATE VALVE
	BALL VALVE
	GLOBE VALVE
`• _	BUTTERFLY VALVE
	CHECK VALVE
\bigotimes	CALIBRATED BALANCING VALVE
	RELIEF / SAFETY VALVE
	BACKFLOW PREVENTER WITH DRIP PAN
-+	HOSE BIBB / WALL HYDRANT
I√I	PLUG VALVE
	ANGLE VALVE
N	SOLENOID VALVE
	PIPE RISER UP
	PIPE RISER DOWN
I]I	UNION
[САР
	"Y" STRAINER W/BLOWDOWN
	FLEXIBLE CONNECTOR
\bullet	CONNECT TO EXISTING
	CONCENTRIC REDUCER
	THERMOMETER
FS	FLOW SWITCH
PS	PRESSURE SWITCH
PT O	PRESSURE TAP
	THERMOWELL
<u>n</u>)+xx+	PRESSURE GAUGE & SHUT OFF
-FO	COMPRESSED AIR COMB. FILTER, REG. & OILER
	PRESSURE REDUCING VALVE, SELF-CONTAINED
	EXT. PRESSURE REDUCING VALVE
· ·	

CODES 2. REFER TO PROJECT SPECIFICATIONS MANUAL FOR ADDITIONAL REQUIREMENTS. 3. DRAWING PLANS, SCHEMATICS, AND DIAGRAMS INDICATE THE GENERAL LOCATION AND

GENERAL PLUMBING PIPING INSTALLATION NOTES:

1. COORDINATE ROUTING OF PLUMBING PIPING WITH ALL TRADES. ALL SANITARY PIPING TO BE INSTALLED AND VENTED PER PLANS AND ALL APPLICABLE STATE AND LOCAL

ARRANGEMENT OF PIPING SYSTEMS. INDICATED LOCATIONS AND ARRANGEMENTS

WERE USED TO SIZE PIPE AND OTHER DESIGN CONSIDERATIONS. INSTALL PIPING AS

INDICATED UNLESS DEVIATIONS TO LAYOUT ARE APPROVED ON COORDINATION

4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL PIPE SLEEVES

5. INSTALL CLEANOUTS AT THE BASE OF ALL DRAIN PIPE STACKS WITH THE CENTER OF

THE PLUG LOCATED AT A MINIMUM OF 12 INCHES ABOVE THE FINISH FLOOR, UNLESS

NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER BUILDING ELEMENTS TO

6. INSTALL PIPING IN CONCEALED LOCATIONS UNLESS INDICATED OTHERWISE OR WHERE LOCATED IN EQUIPMENT ROOMS AND SERVICE AREAS. INSTALL PIPING INDICATED TO

OR PARALLEL TO BUILDING WALLS. DIAGONAL RUNS ARE PROHIBITED UNLESS

7. ROUTE PIPING IN WALLS TO FIXTURE AND EQUIPMENT AT PROPER ELEVATION.

9. INSTALL PIPING TO PERMIT VALVE SERVICING, FREE OF SAGS AND BENDS, AT

CONNECTIONS, AND TO ALLOW THE APPLICATION OF INSULATION.

VAPOR BARRIER. REFER TO SPECIFICATION SECTION 22 07 19.

8. INSTALL PIPING ABOVE ACCESSIBLE CEILINGS TO ALLOW SUFFICIENT SPACE FOR

INDICATED SLOPES. INSTALL FITTINGS FOR CHANGES OF DIRECTION AND BRANCH

10. UNLESS NOTED OTHERWISE ON THE PLUMBING PLANS. INSTALL DRAIN PIPING 2" AND

11. INSTALL SANITARY VENT PIPING SLOPED (GRADED) BACK TO THE DRAINAGE SYSTEM.

12. INSTALL OVERSIZED PIPE HANGERS ON ALL PIPING SYSTEMS WITH A CONTINUOUS

13. PIPE HANGERS SHALL NOT BE ATTACHED TO THE ROOF DECK UNLESS INDICATED

GENERAL PLUMBING FOOD SERVICE INSTALLATION NOTES

2. COORDINATE PLUMBING ROUGH IN REQUIREMENTS WITH FOOD SERVICE EQUIPMENT

3. COORDINATE LOCATIONS OF FILTRATION EQUIPMENT INSTALLED UPSTREAM OF FOOD

BACKFLOW PREVENTERS WHERE REQUIRED AND NOT FURNISHED BY THE FOOD

5. CONTRACTOR SHALL FURNISH AND INSTALL INDIVIDUAL MIXING VALVES (ASSE 1070) ON

SINKS AND MOP SERVICE BASINS. FURNISH AND INSTALL SIGNAGE ABOVE THE 3

WATER SUPPLIES TO ALL SINKS IN FOOD SERVICE AREAS EXCEPT FOR 3 COMPARTMENT

COMPARTMENT SINKS AND MOP SERVICE BASINS THAT READS AS FOLLOWS: "CAUTION -

4. CONTRACTOR SHALL FURNISH AND INSTALL PRESSURE REDUCING VALVES AND

1. REFER TO PROJECT SPECIFICATIONS MANUAL FOR ADDITIONAL REQUIREMENTS.

SMALLER SLOPED AT 1/4" PER FOOT (MINIMUM), AND DRAIN PIPING 3" AND LARGER

BE EXPOSED AND PIPING IN EQUIPMENT ROOMS AND SERVICE AREAS AT RIGHT ANGLES

THROUGH FOUNDATION WALLS WITH OTHER TRADES.

DRAWING

ENSURE ACCESS.

CEILING TILE REMOVAL.

OTHERWISE.

SERVICE EQUIPMENT.

SERVICE EQUIPMENT TRADES.

HOT WATER RISK OF SCALDING".

SPECIFICALLY INDICATED OTHERWISE.

SLOPED AT 1/8" PER FOOT (MINIMUM)

TRADES DRAWINGS AND SPECIFICATIONS.

- GENERAL PLUMBING EQUIPMENT INSTALLATION NOTES:
- 1. REFER TO PROJECT SPECIFICATIONS MANUAL FOR ADDITIONAL REQUIREMENTS.
- 2. INSTALL PLUMBING EQUIPMENT, TRIM, FITTINGS, AND OTHER COMPONENTS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. 3. INSTALL PLUMBING EQUIPMENT ON CONCRETE BASE WHERE INDICATED.
- GENERAL PLUMBING FIXTURE INSTALLATION NOTES 1. REFER TO PROJECT SPECIFICATIONS MANUAL FOR ADDITIONAL REQUIREMENTS.
- 2. ASSEMBLE PLUMBING FIXTURES, TRIM, FITTINGS, AND OTHER COMPONENTS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 3. INSTALL OFF THE FLOOR SUPPORTS AFFIXED TO BUILDING SUBSTRATE FOR WALL MOUNTING FIXTURES. INSTALL BACK OUTLET WALL MOUNTED FIXTURES ONTO WASTE FITTINGS WITH SEALS AND ATTACH TO SUPPORTS. INSTALL WALL MOUNTED FIXTURES WITH TUBULAR WASTE PIPING ATTACHED TO SUPPORTS.
- 4. INSTALL COUNTER MOUNTED FIXTURES IN AND ATTACHED TO CASEWORK. 5. INSTALL FIXTURES LEVEL AND PLUMB ACCORDING TO ROUGH IN DRAWINGS.
- 6. INSTALL WATER SUPPLY WITH STOP ON EACH SUPPLY TO EACH FIXTURE TO BE CONNECTED TO WATER DISTRIBUTION PIPING. ATTACH SUPPLIES TO SUPPORTS OR SUBSTRATE WITHIN PIPE SPACES BEHIND FIXTURES. INSTALL STOPS WHERE THEY CAN BE REACHED FOR
- OPERATION. 7. INSTALL TRAP AND TUBULAR WASTE PIPING ON DRAIN OUTLET OF EACH FIXTURE TO BE
- DIRECTLY OR INDIRECTLY CONNECTED TO DRAINAGE SYSTEM. 8. INSTALL FLUSHOMETER VALVES FOR ACCESSIBLE WATER CLOSETS AND URINALS WITH THE
- HANDLE MOUNTED ON THE WIDE SIDE OF THE COMPARTMENT. 9. INSTALL TANKS FOR ACCESSIBLE, TANK TYPE WATER CLOSETS WITH LEVER HANDLE MOUNTED ON THE WIDE SIDE OF THE COMPARTMENT.
- 10. SET BATHTUBS, SHOWERS, AND MOP SERVICE BASINS IN A LEVELING BED OF CEMENT
- 11. SEAL JOINTS BETWEEN FIXTURES, WALLS, FLOORS, AND COUNTERTOPS USING SANITARY TYPE, ONE PART, MILDEW RESISTANT SILICONE SEALANT. MATCH SEALANT COLOR TO FIXTURE COLOR.

GENERAL DEMOLITION NOTES:

- 1. ALL EXISTING PLUMBING FIXTURES, EQUIPMENT, AND ASSOCIATED PIPING SHOWN AS DASHED (HEAVY/BOLD) SHALL BE REMOVED. PROTECT EXISTING WORK WHICH IS TO REMAIN IN PLACE FOR REUSE WITH TEMPORARY COVERS, SHORING, BRACING, AND SUPPORTS. EXISTING DOMESTIC COLD, HOT, HOT WATER RETURN, AND NATURAL GAS PIPING LOCATED IN TUNNELS SHALL BE CAPPED AND ABANDONED IN PLACE.
- 2. THE OWNER RESERVES THE RIGHT OF FIRST REFUSAL IN OWNERSHIP OF ANY EQUIPMENT AND MATERIALS TO BE REMOVED FROM THE BUILDING SITE. ALL EQUIPMENT TO BE REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE OWNERS PROPERTY.
- 3. INVESTIGATION OF EXISTING PLUMBING SYSTEMS WILL BE REQUIRED BY THE CONTRACTOR AS PART OF HIS BID PRICE, SO THAT THE EXACT EXTENT OF DEMOLITION CAN BE ACCURATELY DETERMINED. THE CONTRACTOR'S BID PRICE SHALL ALSO COVER REMOVAL OF SOME PORTIONS OF PLUMBING SYSTEMS NOT EXPLICITLY SHOWN ON THE DEMOLITION DRAWINGS, BUT DISCOVERED DURING THE INVESTIGATION PROCESS. THE CONTRACTOR SHALL WORK WITH THE ARCHITECT/ENGINEER AND THE OWNER TO DETERMINE WHICH PORTIONS OF EXISTING SYSTEMS MUST REMAIN ACTIVE AND WHICH PORTIONS MUST BE DEMOLISHED. REMOVE ALL INACTIVE PIPING TO THE NEAREST ACTIVE MAINS AND CAP. ABANDONED PIPING SYSTEMS BENEATH THE BUILDING SHALL BE CAPPED AT BOTH ENDS.
- 4. DEMOLITION OF AN ITEM SHALL INCLUDE REMOVAL OF ALL RELATED HANGERS, SUPPORTS, PIPING, AND ACCESSORIES. REMOVAL OF POWER WIRING SHALL BE BY OTHERS UNLESS INDICATED OTHERWISE.
- 5. CONTRACTOR SHALL PROTECT ALL WALLS, CEILINGS, FLOORS, LIGHTS AND OTHER FINISHED SURFACES WHICH ARE NOT SCHEDULED FOR IMMEDIATE REMOVAL. IF SURFACES OR LIGHTS ARE DAMAGED, CONTRACTOR SHALL REPAIR OR REPLACE TO MATCH ORIGINAL CONDITIONS.
- 6. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR ALL FLOOR, WALL, AND ROOF REPAIR WORK LEFT BY REMOVED ITEMS.

MINIMUM SIZE CONNECTION							
FIXTURE	CW	HW	SAN	VENT			
WATER CLOSET (FLUSH VALVE)	1 1/4"		4"	2"			
URINAL (FLUSH VALVE)	3/4"		2"	1 1/2"			
LAVATORY	1/2"	1/2"	1 1/4"	1 1/4"			
SINK	1/2"	1/2"	1 1/2"	1 1/2"			
SHOWER	1/2"	1/2"	2"	1 1/2"			
MOP SERVICE BASIN	3/4"	3/4"	3"	1 1/2"			
WASHING MACHINE OUTLET BOX (WITH STANDPIPE)	3/4"	3/4"	3" (TRAP)	1 1/2"			
ICE MAKER OUTLET BOX	1/2"						
WALL HYDRANT / HOSE BIBB	3/4"						
ELECTRIC WATER COOLER	1/2"		1 1/4"	1 1/4"			
DRINKING FOUNTAIN	1/2"		1 1/4"	1 1/4"			
FLOOR DRAIN / FLOOR SINK			3"	1 1/2"			
FLOOR DRAIN / FLOOR SINK (MECHANICAL ROOM)			4"	2"			

NOT ALL PLUMBING FIXTURES MAY BE PRESENT IN CONSTRUCTION DOCUMENTS.

WATER HAMMER ARRESTOR LEGEND							
SYMBOL	PDI RATING	FIXTURE UNIT CAP					
A	A	1-11					
B	В	12-32					
C	С	33-60					
D	D	61-113					
E	E	114-154					
F F 155-330							

PLACEMENT OF WATER HAMMER ARRESTORS. REFER TO SPECIFICATION SECTION 22 11 19 AND MANUFACTURERS RECOMMENDATIONS.

NOTES:

1. DRAINAGE FIXTURE UNIT VALUES (DFU) TAKEN FROM THE INDIANA PLUMBING CODE 2. SUPPLY FIXTURE UNIT VALUES TAKEN FROM THE INDIANA PLUMBING CODE.

3. NOT ALL PLUMBING FIXTURES MAY BE PRESENT IN CONSTRUCTION DOCUMENTS.

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04.15.2025 BIDS &

CONSTRUCTION

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PLUMBING GENERAL **INFORMATION - BP2**

P0.01.2

01 CAREFULLY DISCONNECT, REMOVE, PROTECT AND STORE EXISTING PLUMBING FIXTURE, TRIM (FAUCET AND FLUSH VALVE) FOR THE INSTALLATION OF NEW FINISHES.

UNIT F

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PLUMBING DEMOLITION KEYNOTES

- 01 CAREFULLY DISCONNECT, REMOVE, PROTECT AND STORE EXISTING PLUMBING FIXTURE, TRIM (FAUCET AND FLUSH VALVE) FOR THE INSTALLATION OF NEW FINISHES. REMOVE EXISTING PLUMBING FIXTURE, FAUCET, FLUSH VALVE, P-TRAPS, SUPPLIES AND ALL RELATED ACCESSORIES LOCATED IN THIS AREA. CAP WASTE PIPING BELOW FLOOR. REMOVE VENT, HOT WATER AND COLD WATER PIPING BACK TO NEAREST MAIN AND CAP. SAW-CUT AND PATCH CONCRETE FLOOR AS REQUIRED FOR THE REMOVAL AND CAPPING OF PIPING.
- (03) REMOVE EXISTING PLUMBING FIXTURE. EXISTING WASTE, VENT AND WATER SUPPLY SHALL REMAIN FOR RECONNECTION OF NEW PLUMBING FIXTURE AT A LATER DATE.

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PLUMBING DEMOLITION KEYNOTES

- 01 CAREFULLY DISCONNECT, REMOVE, PROTECT AND STORE EXISTING PLUMBING FIXTURE, TRIM (FAUCET AND FLUSH VALVE) FOR THE INSTALLATION OF NEW FINISHES. REMOVE EXISTING PLUMBING FIXTURE, FAUCET, FLUSH VALVE, P-TRAPS, SUPPLIES AND ALL RELATED ACCESSORIES LOCATED IN THIS AREA. CAP WASTE PIPING BELOW FLOOR. REMOVE VENT, HOT WATER AND COLD WATER PIPING BACK TO NEAREST MAIN AND CAP. SAW-CUT AND PATCH CONCRETE FLOOR AS REQUIRED FOR THE REMOVAL AND CAPPING OF PIPING.
- (03) REMOVE EXISTING PLUMBING FIXTURE. EXISTING WASTE, VENT AND WATER SUPPLY SHALL REMAIN FOR RECONNECTION OF NEW PLUMBING FIXTURE AT A LATER DATE.

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PLUMBING KEYNOTES

01 REINSTALL EXISTING PLUMBING FIXTURE AND RELATED TRIM AT EXISTING LOCATIONS. RECAULK AROUND REINSTALLED FIXTURES.

CLASSROOM D102

UNIT F UNIT E

CONNECT TO EXISTING VENT STACK. FIELD VERIFY FINAL LOCATION PROVIDE WATER HAMMER ARRESTOR SIZE "A" ON COLD WATER PIPING.

PLUMBING KEYNOTES

KEYPLAN

UNIT F

PLUMBING KEYNOTES

01 REINSTALL EXISTING PLUMBING FIXTURE AND RELATED TRIM AT EXISTING LOCATIONS. RECAULK AROUND REINSTALLED FIXTURES.

02 ROUTE 3/4" HOT AND COLD WATER DOWN TO WASHER BOX, 3" WASTE (STANDPIPE) DOWN AND 2" VENT UP.

- 03 SAW-CUT EXISTING CONCRETE FLOOR FOR THE INSTALLATION OF NEW PIPING. PATCH AND REPAIR FLOOR TO MATCH SURROUNDING MATERIALS.
- 04 ROUTE 3/4" HOT WATER AND COLD WATER FROM SUPPLY PIPING SERVING SINK TO DISHWASHER CONNECTION. ROUTE WASTE PIPING DISCHARGE FROM DW AND CONNECT TO SINK WASTE PIPING.

ulk around d 2" vent up. Repair floor Her

OVERALL PLUMBING ROOF PLAN - BP2 1/32" = 1'-0"

ROOF AND OVERFLOW DRAINS

- ROOF DRAIN RD-1 : JAY R. SMITH 1015-C-CID, 11" BODY, UNDERDECK CLAMP.
- OVERFLOW DRAIN ORD-1: JAY R. SMITH 1045-E(4)-C-CID, 4" FIXED EXTENSION, UNDERDECK CLAMP. APPROVED EQUALS: JOSAM, MIFAB, WADE, WATTS, ZURN

PLUMBING KEYNOTES

- 01) TEMPORARILY SUPPORT AND PROTECT PLUMBING VENT THROUGH ROOF TO ACCOMODATE ROOF RENOVATIONS. SEE ARCHITECTURE PLANS FOR PREFFERED FLASHING METHOD UNDER NEW WORK. SEAL WATER-TIGHT. CONTRACTOR TO FIELD-VERIFY VENT QUANTITY AND SIZES. TYPICAL ALL PLUMBING VENTS.
- 02 REMOVE EXISTING COMBINATION STORM AND STORM OVERLOW ROOF DRAIN. PROTECT OPENINGS DURING ROOF RENOVATIONS. PROVIDE AND INSTALL NEW COMBINATIOIN DRAINS. CONNECT INTO EXISTING STORM DRAINAGE SYSTEM. CONTRACTOR TO VERIFY EXISTING SIZES. REFER TO ARCHITECTURE PLANS FOR
- INSTALLATION REQUIREMENTS.
- (03) TEMPORARILY LIFT AND SUPPORT GAS PIPING TO ACCOMODATE ROOF RENOVATIONS. SALVAGE EXISTING GAS PIING SUPPORTS AND REINSTALL UNDER NEW WORK. TYPICAL ALL GAS PIPING LOCATED ON ROOF. REPLACE EXISTING ROOF DRAIN OR OVERFLOW DRAIN. REMOVE AND REPLACE PORTION OF PIPING CONNECTED TO ROOF DRAIN AS REQUIRED. INSTALL NEW ROOF DRAIN IN EXISTING OPENING. PROVIDE ALL WORK INCLUDING MISC. STEEL FOR THIS REPLACEMENT. COORDINATE PROPER ROOF DRAIN SIZE AND TYPE PRIOR TO INSTALLATION. RE-INSULATE DRAIN BODY, PIPING AND RECONNECT NEW DRAIN TO EXISTING STORM PIPING.
- (05) CAREFULLY CUT HOLE IN EXISTING ROOF DECK FOR THE INSTALLATION OF NEW OVERFLOW DRAIN.

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UNIT F

GENERAL INSTRUMENT SYMBOLS							
	LOCAL DEVICE						
TR	(TR - TREND) BMS CONTROL POINT / FUNCTION (AL - ALARM)						
$-\!$	AVERAGING TEMPERATURE ELEMENT						
<u> </u>	AIR FLOW TRANSMITTER						
-//	OPPOSED BLADE DAMPER						
-+++++++	PARALLEL BLADE DAMPER						
	BLADE DAMPER						
C C	AIR COIL						
	FAN						
	FILTER						
	PUMP						

LOCAL	DEVICE ABBREVIATIONS
CO2	CARBON DIOXIDE LEVEL TRANSMITTER
CO	CARBON MONOXIDE LEVEL TRANSMITTER
ECM	ELECTRICALLY COMMUTATED MOTOR
FSH	FLOW SWITCH HIGH
FSL	FLOW SWITCH LOW
FT	FLOW TRANSMITTER
GCV	GAS CONTROL VALVE
HS	HAND SWITCH (HAND-OFF-AUTO)
HT	HUMIDITY TRANSMITTER
HTG	HEATING ELEMENT
IS	ION SENSOR
KC	TIME CLOCK CONTROLLING EQPM SCHEDULE
LSL	LEVEL SWITCH LOW
LSH	LEVEL SWITCH HIGH
LT	LEVEL TRANSMITTER
М	MOTOR
MD	MOTORIZED CONTROL DAMPER
000	OCCUPANCY SENSOR
PDT	PRESSURE DIFFERENTIAL TRANSMITTER
PDS	PRESSURE DIFFERENTIAL SWITCH
PKG	PACKAGED EQUIPMENT CONTROLLER
PSH	PRESSURE SWITCH HIGH
PSL	PRESSURE SWITCH LOW
PT	PRESSURE TRANSMITTER
SD	SMOKE DETECTOR
SNW	SNOW/ICE SENSOR
TCV	TEMPERATURE CONTROL VALVE
TSL	TEMPERATURE SWITCH LOW (FREEZESTAT)
TSH	TEMPERATURE SWITCH HIGH
TT	TEMPERATURE TRANSMITTER
VCC	VARIABLE CAPACITY COMPRESSOR
VFD	VARIABLE FREQUENCY DRIVE

BMS POINT A	BBREVIATIONS
GENERAL A	ALARM / ALARM LOW LIMIT
ANALOG IN	PUT
ANALOG O	UTPUT
EQUIPMEN	T CAPACITY SIGNAL
CARBON D	IOXIDE LEVEL
CARBON M	ONOXIDE LEVEL
DIGITAL IN	PUT
DIGITAL OL	JTPUT
EQUIPMEN	TENABLE
EMERGENO	CY SWITCH
FLOW INDI	CATE
HUMIDITY I	NDICATE
ION INDICA	TE
LEVEL INDI	CATE
NITROGEN	DIOXIDE LEVEL
OPEN/CLO	SE (2-POS DAMPER OR VALVE)
OCCUPIED	UNOCCUPIED INDICATE
POSITION (OR VALVE)	CONTROL (MODULATING DAMPER
PRESSURE	INDICATE
SPEED CO	NTROL
SMOKE DE	TECTOR
STATUS IN	DICATE
SNOW/ICE	INDICATE
START/STC)P
SETPOINT	SIGNAL
TEMPERAT	
WATER IND	DICATE
POSITION I	NDICATE

MECHANICAL LINE SERVICE DESIGNATIONS					
REW/					
CDGR					
CDGS	CONDENSER GLYCOL SUPPLY				
CHGR					
CHGS					
CHWR					
CHWS					
CTWR					
CTWS	COOLING TOWER WATER SUPPLY				
G	NATURAL GAS				
GTWR	GEOTHERMAL WATER RETURN				
GTWS	GEOTHERMAL WATER SUPPLY				
HGR	HOT GLYCOL RETURN				
HGS	HOT GLYCOL SUPPLY				
HPCR	HIGH PRESSURE CONDENSATE RETURN				
HPS	HIGH PRESSURE STEAM				
HPWR	HEAT PUMP WATER RETURN				
HPWS	HEAT PUMP WATER SUPPLY				
HWR	HOT WATER RETURN (HEATING)				
HWS	HOT WATER SUPPLY (HEATING)				
LPS	LOW PRESSURE STEAM				
LPCR	LOW PRESSURE CONDENSATE RETURN				
MPS	MEDIUM PRESSURE STEAM				
MPCR	MEDIUM PRESSURE CONDENSATE RETURN				
RWR	RADIANT WATER RETURN				
RWS	RADIANT WATER SUPPLY				
SPWR	SWIMMING POOL WATER RETURN				
SPWS	SWIMMING POOL WATER SUPPLY				
SMR	SNOWMELT RETURN				
SMS	SNOWMELT SUPPLY				
PCR	PUMPED CONDENSATE RETURN				
V	VENT				

MECHANICAL ABBREVIATIONS				
AFF	ABOVE FINISHED FLOOR			
AHU	AIR HANDLING UNIT			
BCU	BLOWER COIL UNIT			
BOD	BOTTOM OF DUCT			
BOG	BOTTOM OF GRILLE			
BOP	BOTTOM OF PIPE			
BOS	BOTTOM OF STRUCTURE			
CLG	CEILING			
CO	CLEAN-OUT			
CONN	CONNECTION			
CONT	CONTINUATION			
CONV	CONVECTOR			
CUH	CABINET UNIT HEATER			
DN	DOWN			
DW	DOUBLE WALL			
DWG	DRAWING			
EA	EXHAUST AIR			
ECM				
EF				
ERU				
EX. FCU	FAN COIL UNIT			
FLR	FLOOR			
MAU	MAKE-UP AIR UNIT			
MFR	MANUFACTURER			
MAX	MAXIMUM			
MIN	MINIMUM			
OA	OUTSIDE AIR			
RA	RETURN AIR			
RTU	ROOF TOP UNIT			
SA	SUPPLY AIR			
SPECS.	SPECIFICATIONS			
TOD				
TOG	TOP OF GRILLE			
TOP				
TOS	TOP OF STRUCTURE			
UH				
v IIN				

		_	
	HVAC SYMBOLS	н	VAC SHEETMETAL SYMBOLS
T S	THERMOSTAT / SENSOR		DUCTWORK / DIFFUSER DEMOLITION
(T)_	RADIANT FLOOR THERMOSTAT		MITERED ELBOW (RECTANGULAR, ROUND & OVAL) TURNING VANES REQUIRED PER SPECIFICATIONS
~			RECTANGULAR DUCTWORK RISE
			RECTANGULAR DUCTWORK DROP
J ₂	CARBON DIOXIDE SENSOR		ROUND DUCTWORK RISE
,+++-	PARALLEL BLADE DAMPER	CT 3	ROUND DUCTWORK DROP
+	OPPOSED BLADE DAMPER	X"XX" SA	RECTANGULAR DUCTWORK
<u> м</u>	MOTOR OPERATED DAMPER	2 X*# SA	ROUND DUCTWORK
],			OVAL DUCTWORK
		X"xx" DW SA	DOUBLE WALL DUCTWORK
	FIRE DAMPER (THRU FLOOR)	X"XX" LINED SA <	LINED DUCTWORK
	FIRE DAMPER (THRU WALL)		DUCTWORK RISE SYMBOL
D	SMOKE DAMPER (THRU FLOOR)		DUCTWORK DROP SYMBOL
SD.	SMOKE DAMPER (THRU WALL)		FLEXIBLE DUCTWORK (SUPPLY)
	COMBINATION FIRE/SMOKE DAMPER		SUPPLY DIFFUSER (S-X)
F/S	(THRU FLOOR)		RETURN GRILLE (R-X)
F/S	(THRU WALL)		EXHAUST GRILLE (E-X)
ý	DUCT SMOKE DETECTOR		LINEAR SLOT DIFFUSER (S-X)
	CONNECT TO EXISTING		SIDEWALL DIFFUSER OR GRILLE
			RECTANGULAR OR ROUND MANUAL DAMPER
			RECTANGULAR OR ROUND MOTORIZED DAMPER
		F/S	RECTANGULAR OR ROUND FIRE / SMOKE DAMPER
			RECTANGULAR OR ROUND FIRE DAMPER

VAV TERMINAL BOX

GENERAL HYDRONIC PIPING NOTES:

GENERAL LAYOUT OF SYSTEMS AND EQUIPMENT. THE EXACT LOCATIONS OF EQUIPMENT AND THE FINAL PIPING LAYOUTS ARE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE FIELD-DETERMINED. COORDINATE WITH THE BUILDING ARCHITECTURE AND STRUCTURE, AND WITH NEW AND EXISTING MECHANICAL AND ELECTRICAL SYSTEMS. WHERE THE LAYOUT DIFFERS SIGNIFICANTLY FROM DESIGN, COORDINATE WITH THE ARCHITECT/ENGINEER. RECORD ALL DIFFERENCES ON RECORD DRAWINGS.

2. PIPING PLANS DO NOT NECESSARILY INDICATE ALL VALVES, GAUGES, UNIONS AND OTHER ACCESSORIES. REFER TO SCHEMATIC DIAGRAMS AND DETAILS FOR ADDITIONAL INFORMATION.

3. INSTALL ALL THERMOSTATS/SPACE TEMPERATURE SENSORS AT 48 INCHES ABOVE FINISHED FLOOR (TO TOP OF SENSOR). WHERE APPLICABLE, ALIGN WITH LIGHT

4. ALL THERMOSTATS AND SENSORS LOCATED ON EXTERIOR WALLS SHALL HAVE INSULATED BACKPLATES. PACK ALL WALL OPENINGS WITH FIBERGLASS INSULATION. 5. THE CONTRACTOR SHALL EXAMINE THE CONDITION OF ALL EQUIPMENT PRIOR TO INSTALLATION. DO NOT INSTALL DAMAGED EQUIPMENT.

6. INSTALL PIPING IN A MANNER WHICH ENABLES COMPLETE DRAINAGE OF PIPING AND EQUIPMENT, AND COMPLETE ELIMINATION OF AIR POCKETS. MINIMIZE THE NUMBER OF PIPE RISES AND DROPS. FURNISH AND INSTALL DRAIN VALVES WITH CAPS AT ALL LOW POINTS IN PIPING. FURNISH AND INSTALL MANUAL AIR VENTS AT ALL HIGH

7. REFER TO ARCHITECTURAL CODE COMPLIANCE PLANS FOR THE LOCATIONS OF FIRE/SMOKE RATED ASSEMBLIES.

8. REFER TO SPECIFICATION 23 21 13 FOR THE REQUIREMENTS FOR PIPE PENETRATIONS THROUGH BUILDING ASSEMBLIES. 9. WHERE POSSIBLE, INSTALL VALVES, EQUIPMENT AND DEVICES REQUIRING SERVICE

OR MAINTENANCE IN ACCESSIBLE LOCATIONS. WHERE NOT POSSIBLE, PROVIDE ACCESS DOORS, SIZED SUITABLY FOR THE REQUIRED PURPOSE. COORDINATE ACCESS DOOR LOCATIONS AND SIZES WITH THE ARCHITECT/ENGINEER. 10. INSTALL VALVES WITH HANDLES ON TOP OR SIDE.

11. PROVIDE MANUFACTURERS' RECOMMENDED CLEARANCES FOR AIR FLOW, ELECTRICAL AND MAINTENANCE AROUND EQUIPMENT. WHERE CLEARANCES ARE ALSO SHOWN ON THE DRAWINGS, PROVIDE THE MORE STRINGENT OF THE REQUIRED CLEARANCES.

12. PROVIDE OVERSIZED PIPE HANGERS ON ALL INSULATED HOT AND COLD PIPING. REFER TO SPECIFICATION 23 07 19.

- 1. ALL DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND ARE INTENDED TO SHOW THE GENERAL LAYOUT OF SYSTEMS AND EQUIPMENT. THE EXACT LOCATIONS OF EQUIPMENT AND THE FINAL DUCTWORK LAYOUTS ARE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE FIELD-DETERMINED COORDINATE WITH THE BUILDING ARCHITECTURE AND STRUCTURE, AND WITH NEW AND EXISTING MECHANICAL AND ELECTRICAL SYSTEMS. WHERE THE LAYOUT DIFFERS SIGNIFICANTLY FROM DESIGN, COORDINATE WITH THE ARCHITECT/ENGINEER. RECORD ALL DIFFERENCES ON RECORD DRAWINGS.
- 2. COORDINATE LOCATIONS OF REGISTERS, DIFFUSERS AND GRILLES WITH THE REFLECTED CEILING PLANS. COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. 3. INSTALL ALL THERMOSTATS/SPACE TEMPERATURE SENSORS AT 48 INCHES
- ABOVE FINISHED FLOOR (TO TOP OF SENSOR). WHERE APPLICABLE, ALIGN WITH LIGHT SWITCHES. 4. ALL THERMOSTATS AND SENSORS LOCATED ON EXTERIOR WALLS SHALL
- HAVE INSULATED BACKPLATES. 5. WHERE INTERNALLY LINED OR DOUBLE-WALL DUCTWORK IS SHOWN, THE
- DIMENSIONS SHOWN INDICATE THE REQUIRED INSIDE FREE AREA DIMENSIONS. 6. THE CONTRACTOR SHALL EXAMINE THE CONDITION OF ALL EQUIPMENT PRIOR
- TO INSTALLATION. DO NOT INSTALL DAMAGED EQUIPMENT. 7. WHERE CONNECTING NEW DUCTWORK TO EXISTING, SEAL JOINTS AIRTIGHT
- AND REPAIR DAMAGED INSULATION TO MATCH NEW. 8. WHERE DUCTWORK IS EXPOSED, ROUTE AS HIGH AS PRACTICAL IN THE
- SPACE UNLESS INDICATED OTHERWISE.
- 9. REFER TO ARCHITECTURAL CODE COMPLIANCE PLANS FOR THE LOCATIONS OF FIRE/SMOKE RATED ASSEMBLIES. 10. PAINT VISIBLE INTERIOR SURFACES OF DUCTS AT REGISTERS, GRILLES, DIFFUSERS AND LOUVERS FLAT BLACK.
- 11. WHERE POSSIBLE, INSTALL EQUIPMENT AND DEVICES REQUIRING SERVICE OR MAINTENANCE IN ACCESSIBLE LOCATIONS. WHERE NOT POSSIBLE, PROVIDE ACCESS DOORS, SIZED SUITABLY FOR THE REQUIRED PURPOSE. COORDINATE ACCESS DOOR LOCATIONS AND SIZES WITH THE ARCHITECT/ENGINEER.
- 12. PROVIDE MANUFACTURERS' RECOMMENDED CLEARANCES FOR AIR FLOW, ELECTRICAL AND MAINTENANCE AROUND EQUIPMENT. WHERE CLEARANCES ARE ALSO SHOWN ON THE DRAWINGS, PROVIDE THE MORE STRINGENT OF THE REQUIRED CLEARANCES.
- 13. FLEXIBLE DUCTWORK CONNECTIONS TO RIGID DUCTWORK, TO AIR TERMINAL UNITS AND TO REGISTERS, GRILLES AND DIFFUSERS SHALL BE CLAMPED AND TAPED. ROUND CONNECTIONS SHALL HAVE VINYL DRAWBANDS AND TAPE. TAPE SHALL MEET THE REQUIREMENTS OF U.L. 181B-FX.
- 14. FLEXIBLE DUCTWORK SHALL NOT BE USED ON RETURN AIR OR EXHAUST AIR DUCT SYSTEMS EXCEPT WHERE EXPLICITLY SHOWN ON DRAWINGS.
- 15. SEE 00 43 22 UNIT PRICES FORM FOR HVAC UNIT PRICING SCOPE.

- GENERAL MECHANICAL DEMOLITION NOTES: 1. THE OWNER RESERVES THE RIGHT OF FIRST REFUSAL IN OWNERSHIP OF ANY EQUIPMENT
- 2. ALL MATERIALS AND EQUIPMENT REMOVED AND NOT SALVAGED OR RE-USED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM THE OWNER 'S PROPERTY AND DISPOSED OF PROPERLY.
- 3. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND ARE BASED ON THE REVIEW OF PREVIOUS DESIGN DRAWINGS (WHERE AVAILABLE) AND ON LIMITED FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE TO INVESTIGATE THE BUILDING AND SITE TO DETERMINE THE FULL EXTENT OF DEMOLITION WORK REQUIRED. THE CONTRACTOR SHALL FIELD-VERIFY THE ACTUAL LOCATIONS AND SIZES OF EXISTING DUCTWORK, PIPING AND EQUIPMENT. WHERE DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS RESULT IN AN UNCLEAR DEMOLITION SCOPE, COORDINATE WITH THE ARCHITECT/ENGINEER.
- 4. WHERE DEMOLITION OF MATERIALS OR EQUIPMENT IS REQUIRED, REMOVE ALL RELATED SUPPORTS, ACCESSORIES, LOW-VOLTAGE WIRING, PNEUMATIC TUBING AND CONTROLS (CONCEALED OR EXPOSED). REMOVE WIRING TO THE NEAREST JUNCTION BOX, AND PNEUMATIC TUBING TO THE NEAREST MAIN. WHERE A PNEUMATIC CONTROL SYSTEM IS TO REMAIN ACTIVE, CAP AND SEAL TUBING AT MAINS.
- 5. ALL PIPING, DUCTWORK AND EQUIPMENT SHOWN CROSS-HATCHED OR BOLD DASHED SHALL BE REMOVED OR RELOCATED UNLESS OTHERWISE NOTED.
- 6. VERIFY LOCATION AND PROTECT EXISTING WORK AND UTILITIES WHICH ARE TO REMAIN IN PLACE WITH TEMPORARY COVERS, SHORING, BRACING AND SUPPORTS.
- 7. ALL MATERIALS AND EQUIPMENT REQUIRING REMOVAL AND REINSTALLATION FOR RE-USE SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE. THE CONTRACTOR IS RESPONSIBLE FOR LOSS OF OR DAMAGE TO STORED MATERIALS AND EQUIPMENT.
- 8. WHERE ON-SITE STORAGE OF MATERIAL AND EQUIPMENT IS PERMITTED, COORDINATE STORAGE LOCATION(S) WITH THE OWNER.
- 9. PROTECT THE BUILDING STRUCTURE AND FINISHES AND ALL BUILDING SYSTEMS DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES INCURRED AS A RESULT OF DEMOLITION WORK.
- 10. UNLESS ASSIGNED TO ANOTHER TRADE, PATCH AND REPAIR ALL WALL, FLOOR AND CEILING OPENINGS DUE TO DEMOLITION WHICH ARE NOT TO BE RE-USED. MATCH EXISTING SURROUNDING CONSTRUCTION, FINISHES, COLORS AND FIRE/SMOKE RATINGS.
- 11. UNLESS ASSIGNED TO ANOTHER TRADE, PATCH AND REPAIR ROOF IN A MANNER WHICH WILL MAINTAIN THE WATER-TIGHT INTEGRITY OF THE ROOF. WHERE A ROOF WARRANTY EXISTS, PERFORM THE WORK IN A MANNER WHICH WILL MAINTAIN THE WARRANTY. 12. IF MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, NOTIFY THE
- OWNER IMMEDIATELY. WHERE REMOVAL OR ENCAPSULATION IS REQUIRED, SUCH WORK WILL BE PERFORMED BY THE OWNER UNDER A SEPARATE CONTRACT.

PIPING & INSTR. SYMBOLS						
	ECCENTRIC REDUCER					
\square	CONCENTRIC REDUCER					
Т	GENERAL / THERMODYNAMIC TRAP					
T	INVERTED BUCKET TRAP					
SD X	SUCTION DIFFUSER					
I]I	UNION					
$\qquad \qquad $	FLEXIBLE CONNECTOR					
	САР					
	BLIND FLANGE					
	"Y" STRAINER W/ BLOWDOWN					
Ĩ,	AIR VENT					
	COMPRESSED AIR COMB. FILTER, REG. & OILER					
FS	FLOW SWITCH					
PS	PRESSURE SWITCH					
PT O	PRESSURE TAP					
(<u>₹</u>)0	THERMOWELL					
ā)+\$\$\$\$+	PRESSURE GAUGE & SHUT OFF					
	PRESSURE GAUGE W/ SIPHON					
	THERMOMETER					
	EMERGENCY EYE WASH / SHOWER					
×	ANCHOR					
	GUIDE					
Ţ	HIGH CAPACITY AIR VENT					
	FLOAT & THERMOSTATIC TRAP					

VALVE SYMBOLS						
GATE VALVE						
BALL VALVE						
GLOBE VALVE						
BUTTERFLY VALVE						
CHECK VALVE						
SWING CHECK VALVE						
TRIPLE-DUTY VALVE						
PLUG VALVE						
DIAPHRAGM VALVE						
NEEDLE VALVE						
ANGLE VALVE						
PRESSURE REDUCING VALVE, SELF- CONTAINED						
EXT. PRESSURE REDUCING VALVE						
RELIEF / SAFETY VALVE						
HOSE BIBB						
SOLENOID VALVE						
CALIBRATED BALANCING VALVE						
TEMPERATURE CONTROL VALVE						
CONTROL VALVE, 3-WAY						
BACKFLOW PREVENTER WITH DRIP PAN						
AUTOMATIC FLOW CONTROL VALVE						
CONNECT TO EXISTING						
INDICATES VALVE IS FLANGED (TYP)						

ITEMS AND MATERIALS TO BE REMOVED FROM THE BUILDING AND SITE.

/ALVE, SELF-ING VALVE G VALVE OL VALVE

ANGED (TYP)

111 (U) <u>0</u> ENO ð ഗ Ō S OL

04.15.2025 BIDS & CONSTRUCTION

ISSUANCES

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DATA BASE OR RETRIEVAL SYSTEM,

MECHANICAL GENERAL **INFORMATION - BP2**

M0.01.2

4/15/2025 11:06:02 AM

UNIT 'D' FIRST FLOOR MECHANICAL DEMOLITION PLAN - BP2

MECHANICAL DEMOLITION KEYNOTES

D01 PROTECT EXISTING EQUIPMENT AND ASSOCIATED DUCTWORK, PIPING, POWER, CONTROLS, ETC. DURING CONSTRUCTION.

 $\left< D02 \right>$ REMOVE EXISTING GRILLE AND PROTECT DUCT OPENING.

 $\langle D03 \rangle$ REMOVE EXISTING HEATING EQUIPMENT AND ALL RELATED ACCESSORIES AND PIPING AS INDICATED.

UNIT F

NOI-U. 0 \vdash SCHO ENOV Ζ Š ഗ NO 2 ERN S ш Ž ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN GSH REVIEWED LDE 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED UNIT 'D' FIRST FLOOR MECHANICAL DEMOLITION PLAN - BP2

UNIT 'E' FIRST FLOOR MECHANICAL DEMOLITION PLAN - BP2 1/8" = 1'-0"

- D05> REMOVE AND SALVAGE EXISTING HEATING EQUIPMENT. DISCONNECT ANY CONTROL WIRING AND PIPING AS NECESSARY FOR RELOCATION. SALVAGE ANY CONTROL VALVES, PIPING TRIM PACKAGE, ETC FOR REUSE. SEE NEW WORK PLANS FOR RELOCATION.
- D04 TEMPORARILY LIFT AND SUPPORT CABINET UNIT HEATER FROM STRUCTURE ABOVE. TEMPORARILY DISCONNECT CONTROLS, PIPING, ETC AS NEEDED TO ALLOW FOR NEW WORK. PROTECT DURING CONSTRUCTION FOR INSTALLATION INTO NEW CEILING GRID.
- $\langle {
 m D03}
 angle$ REMOVE EXISTING HEATING EQUIPMENT AND ALL RELATED ACCESSORIES AND PIPING AS INDICATED.
- $\langle D02 \rangle$ REMOVE EXISTING GRILLE AND PROTECT DUCT OPENING.
- D01 PROTECT EXISTING EQUIPMENT AND ASSOCIATED DUCTWORK, PIPING, POWER, CONTROLS, ETC. DURING CONSTRUCTION.

MECHANICAL DEMOLITION KEYNOTES

\sim S ATION S SCHOOL ENOV Ľ 111 Ζ Š ഗ NO NO A A ADDIT ERN S S OOL Ň ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN GSH REVIEWED LDE 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ UNIT 'E' FIRST FLOOR MECHANICAL DEMOLITION PLAN - BP2 M1.1E.2

iodesk Docs://5-6394 Western Wayne Schools Additions & Renovations/5-6394M 2025.rvt

UNIT 'D' FIRST FLOOR HVAC PLAN - BP2 1/8" = 1'-0"

MECHANICAL KEYNOTES

- 01 PROVIDE GRILLE WITH SIGHT PROOF ANGLED BLADES. VERIFY SIZE MATCHES EXISTING GRILLE. SUBMIT GRILLE FOR ENGINEER REVIEW.
- 02 PROVIDE NEW EXHAUST GRILLE AND BALANCE TO INDICATED CFM. CONNECT INTO EXISTING EXHAUST SYSTEM PREVIOUSLY SERVING THIS AREA.

\sim C. 0 SCHO ENOV M Ζ Š ഗ NO MA ADDIT ERN S MES ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN GSH REVIEWED LDE 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ UNIT 'D' FIRST FLOOR HVAC PLAN - BP2

UNIT 'E' FIRST FLOOR HVAC PLAN - BP2

MECHANICAL KEYNOTES

- 01 PROVIDE GRILLE WITH SIGHT PROOF ANGLED BLADES. VERIFY SIZE MATCHES EXISTING GRILLE. SUBMIT GRILLE FOR ENGINEER REVIEW.
- (02) PROVIDE NEW EXHAUST GRILLE AND BALANCE TO INDICATED CFM. CONNECT TO EXHAUST SYSTEM.
- 03 REINSTALL EXISTING CABINET UNIT HEATER INTO NEW CEILING GRID. RECONNECT CONTROLS, PIPING, ETC. PROVIDE NEW HANGERS AND SUPPORTS AS NEEDED. CONTRACTOR TO VERIFY CONTROLS AND OPERATION OF UNIT ARE COMPLETELY FUNCTIONING AS INTENDED. CONTRACTOR TO REPORT ANY INOPERTAING OR DAMAGED EQUIPMENT TO OWNER AND DESIGN TEAM.
- 04 INSTALL SALVAGED PERIMETER HEATING EQUIPMENT. CONNECT TO EXISTING PIPING. CONTRACTOR TO FIELD VERIFY AND COORDINATE EXISTING PIPING LOCATION, SIZE, AND HEATING EQUIPMENT CONNECTION LOCATIONS. REUSE EXISTING CONTROL VALVES, AND PIPING TRIM PACKAGE. INSTALL PIPING ENCLOSURE AS NEEDED TO ENSURE NO EXPOSED PIPING. BALANCE TO 0.5 GPM.
- 05 INSTALL SALVAGED THERMOSTAT. EXTEND CONTROL WIRING AS NEEDED TO RECONNECT CONTROLS FOR EX. AHU-2
- 06 PROVIDE DRYER VENT TO ROOF ABOVE. PROVIDE BACKDRAFT AMPER. INSTALL PER SPECIFICATIONS AND MFR INSTRUCTIONS.

\sim m S ATION: S SCHOOL ENOV Ľ 111 Ζ Š \succ ഗ NO NO **V** ADDIT **FERN** SUOCS WES ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN GSH REVIEWED LDE 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -----UNIT 'E' FIRST FLOOR HVAC PLAN - BP2 M2.1E.2

EXISTING AIR HANDLING UNIT

OVERALL MECHANICAL ROOF PLAN - BP2 1/32" = 1'-0"

EXISTING CONDENSING UNIT

MECHANICAL KEYNOTES

- 01 TEMPORARILY REMOVE AND SALVAGE HVAC EQUIPMENT. CONTRACTOR SHALL VERIFY THE EXISTING EQUIPMENT IS FULLY FUNCTIONAL BEFORE REMOVING. REPORT ANY INOPERABLE EQUIPMENT TO ENGINEER. AFTER VERIFICATION, CONTRACTOR SHALL CAREFULLY REMOVE, SALVAGE AND STORE EQUIPMENT UNTIL ROOF SCOPE IS COMPLETE. THE CONTRACTOR SHALL REINSTALL EQUIPMENT ON THE EXISTING CURB, RECONNECT ALL POWER, GAS, DUCTWORK, PIPING, CONTROLS, SUPPORTS, ETC. AS NEEDED TO ALLOW EQUIPMENT TO FUNCTION AS INTENDED. CONTRACTOR TO VERIFY EQUIPMENT OPERATION AFTER INSTALL ACTOR. INCLUDING TAR LIPON COMPLETION OF SCOPE IF ANY FOUNDMENT NOT OPERATION AFTER INSTALLATION, INCLUDING TAB UPON COMPLETION OF SCOPE. IF ANY EQUIPMENT, NOT PREVIOUSLY REPORTED AS INOPERABLE, DOES NOT WORK AS INTENDED AFTER COMPLETION OF WORK, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE. INSTANCES WHERE EXISTING CURB CANNOT BE REUSED, DUE TO CHANGE IN ROOF THICKNESS, CONTRACTOR MUST EXTEND CURB OR USE A CURB ADAPTER. ALL CURB ADAPTERS TO BE SUBMITTED FOR ENGINEER REVIEW. TYPICAL ALL ROOF HVAC EQUIPMENT. 02 DEMOLISH DUCTWORK AS NEEDED TO ALLOW FOR REMOVAL OF COUNTERFLASHING TO ALLOW FOR ROOF WORK. REPLACE COUNTERFLASHING AND VERIFY WEATHER-TIGHT CONSTRUCTION. PROVDE NEW DUCTWORK AS NEEDED AFTER ROOF WORK COMPLETE. DURING ROOF WORK, CAP ALL DUCTWORK WEATHERTIGHT. SEE VIEW 2/M3.01.2
- 03 TEMPORARILY REMOVE AND SALVAGE EXISTING CONDENSING UNIT AND STORE TO ALLOW FOR NEW ROOF WORK. SEE VIEW 1/M3.01.2 INSTALL ON NEW ROOF WITH SUPPORT RAILS, PER MANUFACTURER INSTALLATION INSTRUCTIONS NOT TO VOID ROOF WARRANTY. TYPICAL ALL KITCHEN ROOF EQUIPMENT.
- (04) ABANDONED ROOF RAILS TO BE DEMOLISHED. COVER WITH NEW ROOF TO MATCH ADJACENT. TYP. ALL. 05 EQUIPMENT BEING INSTALLED IN ANOTHER PROJECT CURRENTLY IN PROGRESS. COORDINATE EQUIPMENT INSTALLATION AND ROOF SCOPE WITH INSTALLING CONTRACTOR

NO WORK ANTICIPATED IN GRAY AREA.

UNIT F

N # 111 \cap m S **ATION** S SCHOOL RENOV Ш Ζ Š ≻ S NO NO **V** ADDIT ERN S Ś OOL Ň Ζ RN Ш S ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN GSH REVIEWED LDE 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED -----OVERALL MECHANICAL ROOF PLAN - BP2 M3.01.2

MARK	MOI
E-1	50
E-2	350
R-1	45
S-1	OM
S-2	OM
S-3	OM
S-4	OM

GENERAL REQUIREMENTS: -1. MODELS BASED ON TITUS.

45 DEG. LEADING EDGE -----BALANCING DAMPER ----

ELBOW - SQUARE BACK

NOT TO SCALE

NOT TO SCALE

	DIFFUSER SCHEDULE							
					10750			
_	DESCRIPTION	BORDER TYPE	MATERIAL	NECK SIZE	NOTES			
	EGGCRATE EXHAUST GRILLE	Surface Mount	Aluminum - Titus - 26 White	8"x8"				
	EGGCRATE EXHAUST GRILLE	Surface Mount	Aluminum - Titus - 26 White	8"x8"				
	SIGHT PROOF EGGCRATE RETURN GRILLE	LAY-IN	Aluminum - Titus - 26 White	20"x20"				
	SQUARE PLAQUE DIFFUSER	LAY-IN	Steel - Titus - 26 White	6"ø				
	SQUARE PLAQUE DIFFUSER	LAY-IN	Steel - Titus - 26 White	8"ø				
	SQUARE PLAQUE DIFFUSER	LAY-IN	Steel - Titus - 26 White	10"ø				
	SQUARE PLAQUE DIFFUSER	Lay-In	Steel - Titus - 26 White	12"ø				

2. COORDINATE ALL BORDERS, CHANNELS, TRIMS AND AIR TERMINAL OPTIONS WITH APPLICABLE CEILING TYPE AND MOUNTING APPLICATION.

EQUIPMENT FLASHING
PREFAB INSULATED ROOF CURB (SIZE AS REQUIRED FOR EQUIPMENT).
OPENING IN ROOF
FLASH CURB INTO ROOF
NOTE: CURB TO BE LEVELED BY MECHANICAL CONTRACTOR
ROOF STRUCTURE
ROOF OPENING FRAMING ANGLES 3 1/2"x5"x1/4" BY MECHANICAL CONTRACTOR.

LOW PRESSURE DUCT FITTINGS

-

CEILING DIFFUSER FLEX CONNECTION

\sim # 11 \cap m S ATION U. SCHOOL **RENOV** Ш Ζ Š ≻ S NO MA ADDIT TERN S Ś HOOL Ň SCF ш Σ \geq ERN . СО Ш 3 _____ ISSUANCES 04.15.2025 BIDS & CONSTRUCTION

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DATA BASE OR RETRIEVAL SYSTEM,

MECHANICAL SCHEDULES & DETAILS - BP2

	WALLBOX SCHEDULE					
TYPE	DESCRIPTION					
WB1	FSR PWB-CMU8 OR APPROVED EQUAL - PROVIDED WITH: • (2) DUPLEX RECEPTACLES • 1" CONDUIT TO ABOVE CEILING FOR COMMUNICATIONS (CABLING BY OWNER) • 1-1/2" CONDUITS TO ABOVE CEILING FOR TECHNOLOGY (CABLING BY OWNER)					
WB2	LEGRAND (WIREMOLD) EFSB4 OR APPROVED EQUAL - PROVIDED WITH: • (2) DUPLEX RECEPTACLES • 1" CONDUIT TO ABOVE CEILING FOR COMMUNICATIONS (CABLING BY OWNER) • 1-1/2" CONDUITS TO ABOVE CEILING FOR TECHNOLOGY (CABLING BY OWNER)					

ELECTRICAL ABBREVIATIONS		ELECTRICAL ABBREVIATIONS POWER SYMBOL LEGEND		LIGHTING SYMBOL LEGEND	FIRE DETECTION & ALARM SYMBOL LEGEND	ELECTRICAL GENERAL NOTES	
						1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AS AMENDED AND ADOPTED BY	
AFF A	BOVE FINISHED FLOOR	INTLK INTERLOCK	5 THREE PHASE MOTOR CONNECTION, 5 HORSEPOWER (EXAMPLE)	\$ SINGLE POLE TOGGLE SWITCH	AUDIBLE NOTIFICATION APPLIANCE, WALL-MOUNTED	LOCAL AUTHORITY HAVING JURISDICTION WHERE THE WORK IS PERFORMED.	
ACC A ADO A	UTOMATIC DOOR OPERATOR	JEI JUNCTION JB JUNCTION BOX	(1/2) SINGLE PHASE MOTOR CONNECTION, 1/2 HORSEPOWER (EXAMPLE)	\$2 DOUBLE POLE TOGGLE SWITCH	VISUAL NOTIFICATION APPLIANCE, WALL-MOUNTED	WITHOUT CONDUIT, RACEWAY, OR CABLE TRAY ONLY WHERE CONCEALED ABOVE A SUSPENDED C SYSTEM AND ACCESSIBLE FOR FUTURE MAINTENANCE. OTHERWISE, ALL CABLING (INCLUDING BUT	
AHU A	NR HANDLING UNIT	KW KILOWATT KWH KILOWATT HOUR	D HVAC CONTROL DAMPER ACTUATOR CONNECTION	\$3 THREE-WAY TOGGLE SWITCH	AUDIBLE/VISUAL NOTIFICATION APPLIANCE, WALL-MOUNTED	EIMITED TO CABLES ASSOCIATED WITH SYSTEMS SUCH AS ARCHITECTURAL EQUIPMENT, BUILDING ENERGY MANAGEMENT, TEMPERATURE CONTROLS, LIGHTING CONTROLS, COMMUNICATIONS NETV TELEPHONE, AUDIO-VIDEO, INTERCOM, PAGING, CLOCK, SURVEILLANCE, ACCESS CONTROL, FIRE A	
BKR B	REAKER	KO KNOCK OUT	D SD HVAC SMOKE DAMPER ACTUATOR CONNECTION	\$4 FOUR-WAY TOGGLE SWITCH	AUDIBLE NOTIFICATION APPLIANCE, CEILING-MOUNTED	ETC.) SHALL BE INSTALLED IN AN APPROVED CONDUIT, RACEWAY SYSTEM, AND/OR CABLE TRAY UN OTHERWISE NOTED. IN EXPOSED STRUCTURE CEILING AREAS, CONCEALED INSTALLATION OF CAB BACEWAYS SHALL BE RECUIRED FOR AESTHETIC REASONS: REFER TO REFLECTED CEILING PLANS	
BOB E BOD E	SOTTOM OF BOX		D F/S HVAC COMBINATION FIRE/SMOKE DAMPER ACTUATOR CONNECTION	SINGLE POLE SWITCH WITH INTEGRAL OCCUPANCY SENSOR	VISUAL NOTIFICATION APPLIANCE, CEILING-MOUNTED	LOCATION(S). THIS APPLIES TO ALL TRADES AND WORK CATEGORIES. EXCEPTIONS: A. DEDICATED MECHANICAL AND/OR ELECTRICAL ROOMS ABOVE 8'-0" AFF	
BOS E BP E	BOTTOM OF STRUCTURE BREAKER PANEL	LCM LIGHTING CONTROL MODULE	SAFETY SWITCH DISCONNECTING MEANS, NOT FUSIBLE	SINGLE POLE SWITCH WITH INTEGRAL OCCUPANCY SENSOR AND DIMMER	AUDIBLE/VISUAL NOTIFICATION APPLIANCE, CEILING-MOUNTED	 B. DEDICATED TELECOMMUNICATIONS ROOMS 3. ALL DEVICES SHOWN TO BE INSTALLED ON EXISTING WALLS SHALL BE INSTALLED FLUSH; CUT IN BUT AN ADVISION OF A DVISION OF A DVISIONA DVISIONA A DVISIONA DVISIO	
BLDG B		LCP LIGHTING CONTROL PANEL LTG LIGHTING	SAFETY SWITCH DISCONNECTING MEANS FUSIBLE	SD WALL-BOX DIMMER SWITCH	F FIRE PROTECTION OR ALARM BELL	AND FISH WALLS WITH FLEXIBLE CONDUIT AS REQUIRED. DOCUMENT AND COORDINATE EXCEPTIO WITH ARCHITECT/ENGINEER IN WRITING FOR REVIEW IN FIELD. IF WALL IS PROVEN NOT ABLE TO BI FISHED, PROVIDE SUBJACE RACEWAY SYSTEMS PER SECTION 26 05 33 23, SHALL BE PROVIDED BY	
CIN L	IGHTING CONTROL INTENT NARRATIVE	MAX MAXIMUM MBJ MAIN BONDING JUMPER				CONTRACTOR; SUCH COSTS SHALL BE INCLUDED IN BID. SURFACE-MOUNTED CONDUIT IS NOT ACCEPTABLE WHERE EXPOSED TO VIEW IN SPACES OTHER THAN DEDICATED MECHANICAL/ELECTR	
CLG C CKT C	Seiling Sircuit	MCC MOTOR CONTROL CENTER	COMBINATION MOTOR STARTER AND FUSIBLE DISCONNECTING MEANS			ROOMS. 4. "LOW-VOLTAGE" CONTROLS, COMMUNICATIONS, AND SAFETY/SECURITY CABLING SHALL NOT BE PA	
CB C	CIRCUIT BREAKER	MIN MINIMUM MTS MANUAL TRANSFER SWITCH	VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECTING MEANS	T ELECTRONIC INTERVAL TIMER SWITCH	SMOKE DETECTOR	CONTRACTORS INSTALLING CABLING WHERE APPROVED FOR EXPOSED INSTALLATION SHALL INST CABLES AFTER PAINTING HAS BEEN COMPLETED OR PROVIDE TEMPORARY PROTECTION OF CABLE UNTUR DAINTING HAS BEEN COMPLETED, PROVIDE TEMPORARY PROTECTION OF ANY EXISTING CAB	
COMM C		NEC NATIONAL ELECTRICAL CODE NEG NEGATIVE (-)	MOTOR STARTER	\$P LIGHT SWITCH WITH PILOT LIGHT	H HEAT DETECTOR	PRIOR TO PAINTING HAS BEEN COMPLETED. PROVIDE TEMPORART PROTECTION OF ANY EXISTING CA PRIOR TO PAINTING EXISTING AREAS. PAINTED CABLES SHALL BE REPLACED AT THE EXPENSE OF NEGLIGENT CONTRACTOR.	
CONST C	CONSTRUCTION	NC NORMALLY CLOSED	\$ _F BOX-COVER FUSIBLE DISCONNECT SWITCH	\$ C LIGHTING CONTROL SWITCH, REFER TO LIGHTING CONTROL SWITCH SCHEDULE AND SPECIFICATIONS FOR DETAILS.	DUCT SMOKE DETECTOR	5. METAL CLAD CABLE MAY BE USED FOR FIXTURE WHIPS IN LENGTHS OF 6 FEET OR LESS ABOVE AN ACCESSIBLE SUSPENDED CEILING SYSTEM ONLY. OTHERWISE, METAL CLAD OR OTHER FLEXIBLE C	
CONTR C	CONTRACT (OR)	N/A NOT APPLICABLE	\$M MANUAL MOTOR CONTROLLER	\$DT DOUBLE-THROW (MAINTAINED) LIGHT SWITCH	C CARBON MONOXIDE DETECTOR	TYPES SHALL NOT BE USED UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. IT IS THE INTENT THESE CONTRACT DOCUMENTS THAT ALL INSTALLED BRANCH CIRCUITS CONSIST OF SEPARATE	
CT C E.C. E	CURRENT TRANSFORMER	NIC NOT IN CONTRACT NL NIGHT LIGHT	\$ POWER SWITCH, REFER TO LIGHTING SYMBOL LEGEND FOR SIMILAR SWITCH TYPES	\$K KEY-OPERATED SWITCH (SUFFIX DESIGNATION NONE: SINGLE POLE, 2: DOUBLE-POLE, 3: THREE-WAY, 4: FOUR-	WAY) \$RTS KEYED TEST SWITCH AND REMOTE INDICATOR FOR DUCT SMOKE DETECTOR	FUTURE UPGRADES. REFER TO SPECIFICATIONS FOR EXCEPTIONS.	
EGC E		OCPD OVERCURRENT PROTECTIVE DEVICE PC PHOTOCELL / PHOTOCONTROL	DIRECT ELECTRICAL CONNECTION	LOCKING SWITCH (SUFFLY DESIGNATION - NONE: SINGLE-POLE 2: DOUBLE-POLE 3: THREE-WAY 4: FOUR	FIRE PROTECTION FLOW SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	 CIRCUIT WIRING FOR ARTICLE 700 EMERGENCY SYSTEMS AND ARTICLE 708 CRITICAL OPERATIONS POWER SYSTEMS SHALL BE INSTALLED IN SEPARATE CONDUITS/RACEWAYS AND BE KEPT ENTIREL INDEPENDENT OF ALL OTHER WIRING AND FOUIPMENT PER NEC REQUIREMENTS 	
ELEC E		POS POSITIVE (+) PWR POWER	SINGLE NEMA 5-20R RECEPTACLE	TD TOUCHSCREEN PANEL	PRESSURE SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	 ALL FEEDERS AND BRANCH CIRCUITS SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR SI ACCORDING TO THE NEO PAGEWAYS INCLUDING CONDUCTOR SI 	
EWC E	ELECTRIC WATER COOLER	P & L POWER & LIGHTING	SINGLE NEMA 5-20R RECEPTACLE CEILING-MOUNTED	LPA-X CIRCUIT NUMBER FOR LIGHT FIXTURES WITHIN INDICATED SPACE	FIRE PROTECTION TAMPER SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	ACCORDING TO THE NEC RACEWAYS INCLUDING CONDUITS, BOXES, WIREWAYS, ETC. SHALL NOT B CONSIDERED AN ACCEPTABLE GROUND.	
ENT E EQ E	INTRANCE IQUAL	S SURFACE SBJ SYSTEM BONDING JUMPER				 CONDUITS AND CABLING SHALL NOT BE INSTALLED WITHIN 4" OF ROOF DECK, EXCEPT AS NECESSA SERVE ROOF-MOUNTED ITEMS AND ONLY WHEN THE CONDUIT OR CABLE IS ROUTED VERTICALLY T SUCH FOURPMENT FROM BELOW. CLEARANCE SHALL BE PERMITTED TO BE REDUCED TO 1 1/2" WHI 	
EQUIP E	QUIPMENT	S.B.O. SUPPLIED BY OTHERS SP SINGLE POLE	SINGLE NEMA 3-20R RECEPTACLE, FLOOR-MOUNTED			SUPPLEMENTAL METAL FRAMING MEMBERS PROVIDE AN EFFECTIVE BARRIER BETWEEN THE ROOF AND ANY CONDUIT/CABLING.	
EF E	EXHAUST FAN	SPD SURGE PROTECTION DEVICE SPKR SPEAKER		RECESSED LIGHTING FIXTURE, TYPE 'A'	ADDRESSABLE RELAT FOR FIRE ALARM CONTROL	 SUPPLEMENTAL METAL FRAMING SHALL BE PROVIDED FOR SUSPENSION POINTS OF ALL ITEMS LOO BETWEEN STRUCTURAL MEMBERS (JOISTS, TRUSSES, BEAMS, ETC.) IN OPEN/VISIBLE STRUCTURE 	
ETR E EX E	XISTING TO REMAIN XISTING	SPEC SPECIFICATION	Ψ E "E" NOTATION: REPLACE EXISTING WIRING DEVICE USING EXISTING OUTLET BOX	A SURFACE-MOUNTED LIGHTING FIXTURE, TYPE 'A'	NAC NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLY	CEILING OR SUPPORT COLUMN AREAS. METAL FRAMING SHALL SPAN ACROSS THE TOP CHORD OR FLANGE OF OVERHEAD STRUCTURAL MEMBERS FOR BOTH STRUCTURAL AND AESTHETIC PURPOSE SPECIFIC EXCEPTIONS SHALL BE COORDINATED IN WRITING WITH THE ARCHITECT/ENGINEER	
F F FA F	ilush Ire Alarm	SUB SUBSTITUTE	$igoplus_{GFCI}$ "GFCI" NOTATION: GROUND FAULT CIRCUIT INTERRUPTER TYPE RECEPTACLE		FAA FIRE ALARM REMOTE ANNUNCIATOR	10. CONDUIT INSTALLED WITHIN INACCESSIBLE CONSTRUCTION SHALL BE 3/4" MINIMUM SIZE.	
FSE F		SWBD SWITCHBOARD TEL TELEPHONE	S "S" NOTATION: SURFACE-MOUNTED		FACP FIRE ALARM CONTROL PANEL	11. FEEDERS SHOWN ON DRAWINGS ARE SCHEMATIC ONLY. CONDUIT RUNS SHALL COMPLY WITH CON SPECIFICATIONS AND CONTAIN BENDS THAT ARE NO GREATER THAN 90 DEGREES. CONDUITS INST	
FLR F		T'STAT THERMOSTAT XFMR TRANSFORMER	WL "WL" NOTATION: PROVIDE WEATHER RESISTANT (WR) GFCI RECEPTACLE WITH EXTRA-DUTY WHILE-IN-USE WET LOCATION COVER	SINGLE FACE EXIT SIGN, TYPE "X1" IN SCHEDULE UNLESS OTHERWISE NOTED, SHADING INDICATES FACE ORIENTATION	WG/PC WHERE "WG/PC" IS NOTED, PROVIDE LISTED WIRE GUARD OR PROTECTIVE POLYCARBONATE COVER FOR DAMAGE RESISTANCE OF ASSOCIATED DEVICE	ABOVE GRADE SHALL BE RUN PARALLEL TO, OR PERPENDICULAR WITH, BUILDING STEEL AND/OR ARCHITECTURAL LINES.	
FLUOR F GEC G	LUORESCENT GROUNDING ELECTRODE CONDUCTOR	UG UNDERGROUND	DUPLEX NEMA 5-20R RECEPTACLE, CEILING-MOUNTED	DOUBLE FACE EXIT SIGN, TYPE "X2" IN SCHEDULE UNLESS OTHERWISE NOTED,	WL WHERE "WL" IS NOTED, PROVIDE LISTED WET-LOCATION VERSION OF ASSOCIATED DEVICE. SUITABLE FOR INDOOR OR OUTDOOR USE	12. CONTRACTOR(S) SHALL VERIFY COLOR/FINISH OF WIRING DEVICES, DEVICE FACEPLATES, SURFACE RACEWAY SYSTEMS, AND/OR MULTI-OUTLET ASSEMBLIES WITH ARCHITECT/ENGINEER IF NOT EXPL	
GEN G	GENERATOR GROUND FAULT CIRCUIT INTERRUPTER	UH UNIT HEATER	DUPLEX NEMA 5-20R RECEPTACLE, FLOOR-MOUNTED	SHADING INDICATES FACE ORIENTATION		SPECIFIED. 13. ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR	
GRD G	GROUND	UNO UNLESS NOTED OTHERWISE VERT VERTICAL	DUPLEX NEMA 5-20R RECEPTACLE. CONNECTED TO STANDBY POWER BRANCH CIRCUIT	WALL-MOUNTED EXIT SIGN, SHADING INDICATES FACE ORIENTATION	NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED	ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE MOUNTING LOCATIONS, ARRANGEMENT CEILING FINISHES.	
HTR H	IEATER	W/ WITH W/O WITHOUT		EMERGENCY LIGHT FIXTURE DESIGNATION		14. ELECTRICAL CONTRACTOR SHALL ADJUST LIGHTING FIXTURE LOCATIONS IN MECHANICAL ROOMS ACCOMMODATE MECHANICAL EQUIPMENT, DUCTWORK, AND RELATED FIELD CONDITIONS.	
HIG F HV F	IEATING IEATING / VENTILATING	WG WIRE GUARD WL WET LOCATION			ELECTRONIC SAFETY / SECURITY SYMBOL LEGEND	15. CONTRACTOR(S) SHALL BE RESPONSIBLE TO REVIEW INTERIOR ELEVATION SHEETS FOR PLACEME DEVICE BOXES. COORDINATE LOCATIONS SO THAT NO DEVICES ARE INSTALLED BEHIND CASEWOR	
HVAC H HOA H	IEATING, VENTILATING, AIR CONDITIONING IAND - OFF - AUTOMATIC	WP WEATHER PROOF	QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE	EMERGENCY LIGHTING AUTOMATIC LOAD CONTROL RELAY		MILLWORK, VISUAL DISPLAY BOARDS, MIRRORS, CUSTOM GRAPHICS, SIGNAGE, ETC.	
HP F	IEAT PUMP		QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE, CEILING-MOUNTED	R LIGHTING CONTROL RELAY	DC DOOR CONTACT	DETAILS/ELEVATIONS FOR CORRECT DEVICE BOX ROUGH-IN LOCATION OF HAND DRYERS.	
			QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE, FLOOR-MOUNTED	C LIGHTING CONTROL ENCLOSED CONTACTOR	EL ELECTRONIC LATCH	 ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR AND THE ELECTRIC WATER COOLER / BOTTLE FILLER SHOP DRAWINGS FOR MOUNTING HEIGHT AND CONNECTION MET OF PLUMBING EQUIPMENT POWER CONNECTIONS. READILY ACCESSIBLE GFCI PROTECTION SHALL 	
			RECEPTACLE OTHER THAN NEMA 5-20R (MAY BE MULTI-POLE OR MULTI-PHASE), SEE PLAN FOR TYPE	TS TIME SWITCH	ES ELECTRONIC STRIKE	PROVIDED FOR THE BRANCH CIRCUIT(S) SUPPLYING ALL SUCH UNITS PER NEC REQUIREMENTS.	
			RECEPTACLE OTHER THAN NEMA 5-20R (MAY BE MULTI-POLE OR MULTI-PHASE), SEE PLAN FOR TYPE, FLOOR-MOUNTED	LCM LIGHTING CONTROL MODULE	K INTRUSION DETECTION KEYPAD	AND CONTROL. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND PROVIDE ITEMS AS SPECIFICALLY LISTED AND ASSIGNED ON MECHANICAL EQUIPMENT SCHEDULE SUCH AS	
				LCP LIGHTING CONTROL PANEL		DISCONNECT SWITCHES, VARIABLE FREQUENCY DRIVES, STARTERS, TIMERS, SWITCHES, ETC.	
M	AXIMUM CONDUCTOR LENGTHS F	OR TYPICAL BRANCH CIRCUITS	ATS AUTOMATIC TRANSFER SWITCH	INV-1 EMERGENCY LIGHTING INVERTER, TYPE 1		MECHANICAL EQUIPMENT SCHEDULES BY REFERRING TO MECHANICAL/HVAC PLANS.	
			NTS NON-AUTOMATIC TRANSFER SWITCH		WALL-MOUNTED SURVEILLANCE CAMERA COMMUNICATIONS ROUGH-IN	 20. REFER TO ROOF PLANS FOR EXACT LOCATIONS OF ROOF-TOP MECHANICAL EQUIPMENT. 21. PROVIDE FLUSH SINGLE-GANG BOXES IN WALLS FOR HVAC / TEMPERATURE CONTROL DEVICES, AT 	
PHASE, 20 STEE	DA CIRCUIT, 75% LOAD, 100% P.F., IN L CONDUIT, 3% VOLTAGE DROP	PHASE, 30A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP	MTS MANUAL TRANSFER SWITCH	CEILING-MOUNTED OCCUPANCY SENSOR	SC CEILING-MOUNTED SURVEILLANCE CAMERA COMMUNICATIONS ROUGH IN	ONE PER OCCUPIABLE ROOM OR SPACE. INSTALL 3/4" CONDUIT RACEWAY FROM BOX TO CORRESPONDING TEMPERATURE CONTROL SYSTEM DEVICE OR CONTROLLED UNIT. REFER TO MECHANICAL DRAWINGS FOR PROPOSED LOCATIONS AND COORDINATE WITH MECHANICAL / TEMPERATURE CONTROL S CONTROLCORY SHOP DRAWINGS	
CIRCUIT	CONDUCTOR SIZE WG #10 AWG #8 AWG #6 AWG #4 AWG	CIRCUIT VOLTAGE #10 AWG #8 AWG #6 AWG #4 AWG	SWITCHBOARD / SWITCHGEAR	PC WALL-MOUNTED PHOTOCELL FOR ON/OFF CONTROL	SC1 WALL-MOUNTED SURVEILLANCE CAMERA, TYPE 1	 CABINET UNIT HEATERS MAY HAVE LINE-VOLTAGE THERMOSTATS SUPPLIED BY MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. REFER TO MECHANICAL EQUIPM 	
120 60	100 150 245 385	120 60 100 150 245	PANELBOARD	PC CEILING-MOUNTED PHOTOCELL FOR ON/OFF CONTROL			
208 100 277 135	170 265 425 670 230 355 565 890	208 100 170 265 425 277 135 230 355 565	T TRANSFORMER	PS WALL-MOUNTED PHOTOSENSOR FOR DAYLIGHT HARVESTING DIMMING CONTROL		23. DIVISION 20 CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES WITH APPROPRIATE BUSHINGS FOR CONTROLS AND ELECTRONIC SAFETY/SECURITY CABLING THROUGH WALLS AND FLOORS. SLEEVE SHALL BE COORDINATED WITH CABLING REQUIREMENTS.	
480 240	400 615 980	480 240 400 615 980			ID WALL-MOUNTED INFRARED MOTION DETECTOR	24. SECTION 27 05 28 CONTRACTOR SHALL PROVIDE DEDICATED CONDUIT SLEEVES WITH APPROPRIAT BUSHINGS THROUGH WALLS AND ELOORS FOR DIV. 27 COMMUNICATIONS AND DIV. 28 SAFETY/SECI	
ONE-WAY	/ LENGTH (FEET) BASED ON THREE	ONE-WAY LENGTH (FEET) BASED ON THREE	EMERGENCY STOP STATION, REFER TO DETAIL FOR REQUIREMENTS.		ID CEILING-MOUNTED INFRARED MOTION DETECTOR	CABLING. SLEEVE SIZE SHALL BE MINIMUM 2" DIA. OR EQUIVALENT FREE AREA UNLESS NOTED OTHERWISE. SPECIFIED CABLE PATHWAY PENETRATION DEVICES SHALL BE SUBSTITUTED FOR CO	
PHASE, 20 STEE	DA CIRCUIT, 75% LOAD, 100% P.F., IN L CONDUIT, 3% VOLTAGE DROP	PHASE, 30A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP			UD WALL-MOUNTED ULTRASONIC MOTION DETECTOR	SLEEVES WHERE THERE IS A REQUIRED RATING IN THE CONSTRUCTED ASSEMBLY. 25. BUILDING SYSTEMS CABLING SHALL BE SLEEVED WHERE CABLES PASS THROUGH WALLS. NO CABI	
	CONDUCTOR SIZE			SELF-CONTAINED EMERGENCY LIGHTING UNIT NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED	UD CEILING-MOUNTED ULTRASONIC MOTION DETECTOR	SHALL PASS THROUGH OR OVER THE TOP OF WALL CONSTRUCTION WITHOUT THE USE OF A SLEEV DIVISION 26 CONTRACTOR SHALL PROVIDE SLEEVES (UNLESS OTHERWISE ASSIGNED) AND COORD WITH ARCHITECTURAL TRADES DURING THE WALL CONSTRUCTION PROCESS. THIS REQUIREMENT	
208 120	WG #10 AWG #8 AWG #6 AWG #4 AWG 200 305 490 775	VOLIAGE #10 AWG #8 AWG #6 AWG #4 AWG 208 120 200 305 490			CR CARD READER	APPLIES TO EXISTING CABLING IN FOOTPRINT OF ANY NEW WALLS; PROVIDE SPLIT SLEEVES IF CAE CANNOT BE DISCONNECTED. FIELD-VERIFY QUANTITIES AND LOCATIONS, OR COORDINATE USE OF	
480 275	460 710 1,130	480 275 460 710 1,130	THREE-FUNCTION PUSH BUTTON		CR CARD READER, MULLION-MOUNTED	ALLOWANCES FOR SLEEVES WITH PROJECT ADMINISTRATIVE REQUIREMENTS. 26. PROVIDE DIRECT CONNECTIONS FROM DEDICATED LOCAL BRANCH CIRCUIT(S) TO ACCESS CONTRO	
			FB1 FLOORBOX, TYPE 1		ACCESS CONTROL DOOR TAG, REFER TO HARDWARE SCHEDULE(S) IN SECTION 08 71 00 AND/OR SECTION 28 10 00 FOR FURTHER DETAILED REQUIREMENTS	SYSTEM AND DOOR HARDWARE POWER SUPPLIES WHERE REQUIRED FOR DOOR LOCK DEVICES, CONTROLLERS, ETC. REFER TO DOOR HARDWARE SCHEDULE AND ACCESS CONTROL SYSTEM SCHEDULE IN RESPECTIVE SPECIFICATIONS FOR OUTANTITIES AND LOCATIONS	
			JUNCTION BOX		ACS ACCESS CONTROL SYSTEM EQUIPMENT	27. ALL CONTROLS, COMMUNICATIONS, AND ELECTRONIC SAFETY/SECURITY CABLING SHALL BE PLENU	
			M METER			KATED ON THIS PROJECT.	
	COMMUNICA		THERMOSTAT ROUGH-IN				
		ILET ROUGH-IN	R RELAY				
					NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED		

			, <u>, </u>				
ELECTRICAL ABBREVIATIONS		POWER SYMBOL LEGEND LIGHTING SYMBOL LE		LIGHTING SYMBOL LEGEND		FIRE DETECTION & ALARM SYMBOL LEGEND	ELECTRICAL GENERAL NOTES
		5 THREE PHASE MOTOR CONNECTION, 5 HORSEPOWER (EXAMPLE)	\$	SINGLE POLE TOGGLE SWITCH	Ŗ	AUDIBLE NOTIFICATION APPLIANCE, WALL-MOUNTED	1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AS AMEND LOCAL AUTHORITY HAVING JURISDICTION WHERE THE WORK IS PERFORMED.
ACC ACCESSORY	JCT JUNCTION	(1/2) SINGLE PHASE MOTOR CONNECTION, 1/2 HORSEPOWER (EXAMPLE)	\$ 2	DOUBLE POLE TOGGLE SWITCH		VISUAL NOTIFICATION APPLIANCE, WALL-MOUNTED	2. ALL "LOW-VOLTAGE" CONTROLS, COMMUNICATIONS, AND SAFETY/SECURITY O WITHOUT CONDUIT, RACEWAY, OR CABLE TRAY ONLY WHERE CONCEALED AD
ADO AUTOMATIC DOOR OPERATOR AHU AIR HANDLING UNIT	KW KILOWATT	HVAC CONTROL DAMPER ACTUATOR CONNECTION	\$ 3	THREE-WAY TOGGLE SWITCH		AUDIBLE/VISUAL NOTIFICATION APPLIANCE, WALL-MOUNTED	SYSTEM AND ACCESSIBLE FOR FUTURE MAINTENANCE. OTHERWISE, ALL CAU LIMITED TO CABLES ASSOCIATED WITH SYSTEMS SUCH AS ARCHITECTURAL E ENERGY MANAGEMENT, TEMPERATURE CONTROLS, LIGHTING CONTROLS, CO
ATS AUTOMATIC TRANSFER SWITCH	KWH KILOWATT HOUR KO KNOCK OUT		S,	FOUR-WAY TOGGI F SWITCH		AUDIBLE NOTIFICATION APPLIANCE. CEILING-MOUNTED	TELEPHONE, AUDIO-VIDEO, INTERCOM, PAGING, CLOCK, SURVEILLANCE, ACCI ETC.) SHALL BE INSTALLED IN AN APPROVED CONDUIT, RACEWAY SYSTEM, AN OTHERWISE NOTED. IN EXPOSED STRUCTURE CEILING AREAS. CONCEALED I
BOB BOTTOM OF BOX	LBL LABEL LT LIGHT		¢				RACEWAYS SHALL BE REQUIRED FOR AESTHETIC REASONS; REFER TO REFLE LOCATION(S). THIS APPLIES TO ALL TRADES AND WORK CATEGORIES. EXACE
BOS BOTTOM OF STRUCTURE	LC LIGHTING CONTROL LCM LIGHTING CONTROL MODULE	()) F/S HVAC COMBINATION FIRE/SMORE DAMPER ACTUATOR CONNECTION	•03	Single fole switch with integral occurance sensor			 DEDICATED MECHANICAL AND/OR ELECTRICAL ROOMS ABOVE 8-0 AFF B. DEDICATED TELECOMMUNICATIONS ROOMS
BP BREAKER PANEL BLDG BUILDING	LCP LIGHTING CONTROL PANEL	SAFETY SWITCH DISCONNECTING MEANS, NOT FUSIBLE	\$OSD	SINGLE POLE SWITCH WITH INTEGRAL OCCUPANCY SENSOR AND DIMMER		AUDIBLE/VISUAL NUTIFICATION APPLIANCE, CEILING-MOUNTED	 ALL DEVICES SHOWN TO BE INSTALLED ON EXISTING WALLS SHALL BE INSTAL AND FISH WALLS WITH FLEXIBLE CONDUIT AS REQUIRED. DOCUMENT AND CO WITH ARCHITECT/ENGINEER IN WRITING FOR REVIEW IN FIELD. IF WALL IS PR
CAP CAPACITY CIN LIGHTING CONTROL INTENT NARRATIVE	MAX MAXIMUM	SAFETY SWITCH DISCONNECTING MEANS, FUSIBLE	\$D €	WALL-BOX DIMMER SWITCH		FIRE PROTECTION OR ALARM BELL	FISHED, PROVIDE SURFACE RACEWAY SYSTEMS PER SECTION 26 05 33.23, SH CONTRACTOR; SUCH COSTS SHALL BE INCLUDED IN BID. SURFACE-MOUNTED ACCEPTABLE WHERE EXPOSED TO VIEW IN SPACES OTHER THAN DEDICATED
CLG CEILING CKT CIRCUIT	MBJ MAIN BONDING JUMPER MCC MOTOR CONTROL CENTER	COMBINATION MOTOR STARTER AND FUSIBLE DISCONNECTING MEANS	\$D3	THREE-WAY WALL-BOX DIMMER SWITCH	E	MANUAL PULL STATION	
CB CIRCUIT BREAKER	MIN MINIMUM MTS MANUAL TRANSFER SWITCH	VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECTING MEANS	\$ ⊤	ELECTRONIC INTERVAL TIMER SWITCH	(<u>s</u>)	SMOKE DETECTOR	 LOW-VOLTAGE CONTROLS, COMMONICATIONS, AND SAFETTSECORTY CAD CONTRACTORS INSTALLING CABLING WHERE APPROVED FOR EXPOSED INST CABLES AFTER PAINTING HAS BEEN COMPLETED OR PROVIDE TEMPORARY P
COMM COMMUNICATIONS	NEC NATIONAL ELECTRICAL CODE NEG NEGATIVE (-)	MOTOR STARTER	\$ _P	LIGHT SWITCH WITH PILOT LIGHT		HEAT DETECTOR	UNTIL PAINTING HAS BEEN COMPLETED. PROVIDE TEMPORARY PROTECTION PRIOR TO PAINTING EXISTING AREAS. PAINTED CABLES SHALL BE REPLACED NEGLIGENT CONTRACTOR.
CONST CONSTRUCTION	NC NORMALLY CLOSED	\$ _F BOX-COVER FUSIBLE DISCONNECT SWITCH	\$ c	LIGHTING CONTROL SWITCH, REFER TO LIGHTING CONTROL SWITCH SCHEDULE AND SPECIFICATIONS FOR DETAILS.		DUCT SMOKE DETECTOR	 METAL CLAD CABLE MAY BE USED FOR FIXTURE WHIPS IN LENGTHS OF 6 FEE ACCESSIBLE SUSPENDED CEILING SYSTEM ONLY OTHERWISE METAL CLAD (
CONTR CONTRACT (OR) CLL CONTRACT LIMIT LINE	N/A NOT APPLICABLE	\$M MANUAL MOTOR CONTROLLER	\$ _{DT}	DOUBLE-THROW (MAINTAINED) LIGHT SWITCH	C	CARBON MONOXIDE DETECTOR	TYPES SHALL NOT BE USED UNLESS SPECIFICALLY AUTHORIZED BY THE ENG THESE CONTRACT DOCUMENTS THAT ALL INSTALLED BRANCH CIRCUITS CON
CT CURRENT TRANSFORMER E.C. ELECTRICAL CONTRACTOR	NL NIGHT LIGHT	\$ POWER SWITCH, REFER TO LIGHTING SYMBOL LEGEND FOR SIMILAR SWITCH TYPES	\$ ĸ	KEY-OPERATED SWITCH (SUFFIX DESIGNATION NONE: SINGLE POLE, 2: DOUBLE-POLE, 3: THREE-WAY, 4: FOUR-WAY)	\$ _{RTS}	KEYED TEST SWITCH AND REMOTE INDICATOR FOR DUCT SMOKE DETECTOR	FUTURE UPGRADES. REFER TO SPECIFICATIONS FOR EXCEPTIONS.
EGC EQUIPMENT GROUNDING CONDUCTOR EHD ELECTRIC HAND DRYER	OCPD OVERCURRENT PROTECTIVE DEVICE PC PHOTOCELL / PHOTOCONTROL	DIRECT ELECTRICAL CONNECTION	\$∟	LOCKING SWITCH (SUFFIX DESIGNATION NONE: SINGLE-POLE, 2: DOUBLE-POLE, 3: THREE-WAY, 4: FOUR-WAY)	ß	FIRE PROTECTION FLOW SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	 CIRCUIT WIRING FOR ARTICLE 700 EMERGENCY SYSTEMS AND ARTICLE 708 C POWER SYSTEMS SHALL BE INSTALLED IN SEPARATE CONDUITS/RACEWAYS / INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT PER NEC REQUIREMENT
ELEC ELECTRIC (AL)	POS POSITIVE (+) PWR POWER	φ SINGLE NEMA 5-20R RECEPTACLE	TP	TOUCHSCREEN PANEL	()	PRESSURE SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	 ALL FEEDERS AND BRANCH CIRCUITS SHALL CONTAIN AN EQUIPMENT GROUN ACCORDING TO THE NEC RACEWAYS INCLUDING CONDUITS. BOXES, WIREWA
EM EMERGENCY	P & L POWER & LIGHTING S SURFACE	SINGLE NEMA 5-20R RECEPTACLE, CEILING-MOUNTED	LPA-X_	CIRCUIT NUMBER FOR LIGHT FIXTURES WITHIN INDICATED SPACE		FIRE PROTECTION TAMPER SWITCH; PROVIDE SUPERVISED INPUT TO FIRE ALARM SYSTEM	CONSIDERED AN ACCEPTABLE GROUND.
ENT ENTRANCE EQ EQUAL	SBJ SYSTEM BONDING JUMPER	SINGLE NEMA 5-20R RECEPTACLE, FLOOR-MOUNTED		WALL-MOUNTED LIGHTING FIXTURE, TYPE 'A'		ELECTROMAGNETIC DOOR HOLD-OPEN DEVICE	8. CONDUTS AND CABLING SHALL NOT BE INSTALLED WITHIN 4 OF ROOF DECK, SERVE ROOF-MOUNTED ITEMS AND ONLY WHEN THE CONDUIT OR CABLE IS R SUCH EQUIPMENT FROM BELOW. CLEARANCE SHALL BE PERMITTED TO BE R
EQUIP EQUIPMENT EST ESTIMATE	SP SINGLE POLE		A	RECESSED LIGHTING FIXTURE. TYPE 'A'		ADDRESSABLE RELAY FOR FIRE ALARM CONTROL	SUPPLEMENTAL METAL FRAMING MEMBERS PROVIDE AN EFFECTIVE BARRIEF AND ANY CONDUIT/CABLING.
EF EXHAUST FAN ETR EXISTING TO REMAIN	SPD SURGE PROTECTION DEVICE SPKR SPEAKER	Φ = "F" NOTATION: REPLACE EXISTING WIRING DEVICE USING EXISTING OUTLET BOX			NAC	NOTIFICATION APPLIANCE CIRCLIIT POWER SUPPLY	 SUPPLEMENTAL METAL FRAMING SHALL BE PROVIDED FOR SUSPENSION POIL BETWEEN STRUCTURAL MEMBERS (JOISTS, TRUSSES, BEAMS, ETC.) IN OPEN, CEILING OR SUPPORT COLLIMN AREAS METAL FRAMING SHALL SPAN ACROS
EX EXISTING	SPECSPECIFICATIONSSBJSUPPLY-SIDE BONDING JUMPER			SURFACE-MOUNTED LIGHTING FIXTURE, TYPE 'A'	FAA		FLANGE OF OVERHEAD STRUCTURAL MEMBERS FOR BOTH STRUCTURAL AND SPECIFIC EXCEPTIONS SHALL BE COORDINATED IN WRITING WITH THE ARCHI
FA FIRE ALARM	SUB SUBSTITUTE SWBD SWITCHBOARD	Ψ_{GFCI} "GFCI" NOTATION: GROUND FAULT CIRCUIT INTERRUPTER TYPE RECEPTACLE		TRACK LIGHTING			10. CONDUIT INSTALLED WITHIN INACCESSIBLE CONSTRUCTION SHALL BE 3/4" M
FP FIRE PROOF / FIRE PROTECTION	TEL TELEPHONE T'STAT THERMOSTAT		Ч	SINGLE FACE EXIT SIGN, TYPE "X1" IN SCHEDULE UNLESS OTHERWISE NOTED,	FACP		 FEEDERS SHOWN ON DRAWINGS ARE SCHEMATIC ONLY. CONDUIT RUNS SHA SPECIFICATIONS AND CONTAIN BENDS THAT ARE NO GREATER THAN 90 DEGF ABOVE GRADE SHALL BE RUN PARALLEL TO, OR PERPENDICULAR WITH, BUILT
FLR FLOOR FLUOR FLUORESCENT	XFMR TRANSFORMER	₩ ^{WL} EXTRA-DUTY WHILE-IN-USE WET LOCATION COVER		SHADING INDICATES FACE ORIENTATION	WG/PC	POLYCARBONATE COVER FOR DAMAGE RESISTANCE OF ASSOCIATED DEVICE	ARCHITECTURAL LINES. 12. CONTRACTOR(S) SHALL VERIFY COLOR/FINISH OF WIRING DEVICES. DEVICE F
GEC GROUNDING ELECTRODE CONDUCTOR GEN GENERATOR	UL UNDERWRITERS LABORATORIES	DUPLEX NEMA 5-20R RECEPTACLE, CEILING-MOUNTED		DOUBLE FACE EXIT SIGN, TYPE "X2" IN SCHEDULE UNLESS OTHERWISE NOTED, SHADING INDICATES FACE ORIENTATION	WL	DEVICE, SUITABLE FOR INDOOR OR OUTDOOR USE	RACEWAY SYSTEMS, AND/OR MULTI-OUTLET ASSEMBLIES WITH ARCHITECT/E SPECIFIED.
GFCI GROUND FAULT CIRCUIT INTERRUPTER GRD GROUND	UNO UNLESS NOTED OTHERWISE	DUPLEX NEMA 5-20R RECEPTACLE, FLOOR-MOUNTED		WALL-MOUNTED EXIT SIGN, SHADING INDICATES FACE ORIENTATION		NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED	13. ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CE ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE MOUNTING LOCAT
HORIZ HORIZONTAL HTR HEATER	W/ WITH	DUPLEX NEMA 5-20R RECEPTACLE, CONNECTED TO STANDBY POWER BRANCH CIRCUIT					14. ELECTRICAL CONTRACTOR SHALL ADJUST LIGHTING FIXTURE LOCATIONS IN
	W/O WITHOUT WG WIRE GUARD	DUPLEX NEMA 5-20R RECEPTACLE, SPLIT-WIRED		EMERGENCY LIGHT FIXTURE DESIGNATION			ACCOMMODATE MECHANICAL EQUIPMENT, DUCTWORK, AND RELATED FIELD 15. CONTRACTOR(S) SHALL BE RESPONSIBLE TO REVIEW INTERIOR ELEVATION S
HVAC HEATING, VENTILATING, AIR CONDITIONING	WL WET LOCATION WP WEATHER PROOF	QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE		EMERGENCY LIGHTING AUTOMATIC LOAD CONTROL RELAY		ELECTRONIC SAFETY / SECORITY STMIDOL LEGEND	DEVICE BOXES. COORDINATE LOCATIONS SO THAT NO DEVICES ARE INSTALL MILLWORK, VISUAL DISPLAY BOARDS, MIRRORS, CUSTOM GRAPHICS, SIGNAG
HP HEAT PUMP		QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE, CEILING-MOUNTED	R	LIGHTING CONTROL RELAY	DC	DOOR CONTACT	16. ELECTRICAL CONTRACTOR SHALL REVIEW TOILET EQUIPMENT SHOP DRAWIN DETAILS/ELEVATIONS FOR CORRECT DEVICE BOX ROUGH-IN LOCATION OF HA
		QUADRUPLEX (DOUBLE DUPLEX) NEMA 5-20R RECEPTACLE, FLOOR-MOUNTED	C	LIGHTING CONTROL ENCLOSED CONTACTOR	E	ELECTRONIC LATCH	17. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTO WATER COOLER / BOTTLE FILLER SHOP DRAWINGS FOR MOUNTING HEIGHT A
		RECEPTACLE OTHER THAN NEMA 5-20R (MAY BE MULTI-POLE OR MULTI-PHASE), SEE PLAN FOR TYPE	TS	TIME SWITCH	ES	ELECTRONIC STRIKE	PROVIDED FOR THE BRANCH CIRCUIT(S) SUPPLYING ALL SUCH UNITS PER NE
		RECEPTACLE OTHER THAN NEMA 5-20R (MAY BE MULTI-POLE OR MULTI-PHASE), SEE PLAN FOR TYPE, FLOOR-MOUNTED	LCM	LIGHTING CONTROL MODULE			 REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR DETAILED INFORMATION AND CONTROL. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REV ITEMS AS SPECIFICALLY LISTED AND ASSIGNED ON MECHANICAL EQUIPMENT
			LCP	LIGHTING CONTROL PANEL			DISCONNECT SWITCHES, VARIABLE FREQUENCY DRIVES, STARTERS, TIMERS
MAXIMUM CONDUCTOR LENGTHS FOR	R TYPICAL BRANCH CIRCUITS	ATS AUTOMATIC TRANSFER SWITCH	INV-1	EMERGENCY LIGHTING INVERTER, TYPE 1		INTERCOMSTATION	MECHANICAL EQUIPMENT SCHEDULES BY REFERRING TO MECHANICAL/HVAC
ONE-WAY LENGTH (FEET) BASED ON SINGLE	ONE-WAY LENGTH (FEET) BASED ON SINGLE	NTS NON-AUTOMATIC TRANSFER SWITCH	⊗	WALL-MOUNTED OCCUPANCY SENSOR		WALL-MOUNTED SURVEILLANCE CAMERA COMMUNICATIONS ROUGH-IN	21. PROVIDE FLUSH SINGLE-GANG BOXES IN WALLS FOR HVAC / TEMPERATURE C
PHASE, 20A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP	PHASE, 30A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP	MTS MANUAL TRANSFER SWITCH		CEILING-MOUNTED OCCUPANCY SENSOR	SC	CEILING-MOUNTED SURVEILLANCE CAMERA COMMUNICATIONS ROUGH IN	ONE PER OCCUPIABLE ROOM OR SPACE. INSTALL 3/4" CONDUIT RACEWAY FR CORRESPONDING TEMPERATURE CONTROL SYSTEM DEVICE OR CONTROLLE MECHANICAL DRAWINGS FOR PROPOSED LOCATIONS AND COORDINATE WITH
		SWITCHBOARD / SWITCHGEAR			SC1		TEMPERATURE CONTROLS CONTRACTOR'S SHOP DRAWINGS. 22. CABINET UNIT HEATERS MAY HAVE LINE-VOLTAGE THERMOSTATS SUPPLIED
VOLTAGE #12 AWG #10 AWG #8 AWG #6 AWG #4 AWG 120 60 100 150 245 385	VOLTAGE #10 AWG #8 AWG #6 AWG #4 AWG 120 60 100 150 245					WALL-MOUNTED SURVEILLAINCE CAIVIERA, TTPE T	CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. REFER TO SCHEDULE.
208 100 170 265 425 670	208 100 170 265 425			CEILING-MOUNTED PHOTOCELL FOR ON/OFF CONTROL	SC1	CEILING-MOUNTED SURVEILLANCE CAMERA, TYPE 1	23. DIVISION 26 CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES WITH APPROP CONTROLS AND ELECTRONIC SAFETY/SECURITY CABLING THROUGH WALLS A
277 135 230 355 565 890 480 240 400 615 980 980	277 135 230 355 565 480 240 400 615 980			WALL-MOUNTED PHOTOSENSOR FOR DAYLIGHT HARVESTING DIMMING CONTROL		WALL-MOUNTED INFRARED MOTION DETECTOR	SHALL BE COORDINATED WITH CABLING REQUIREMENTS. 24. SECTION 27 05 28 CONTRACTOR SHALL PROVIDE DEDICATED CONDUIT SLEEV
			PS	CEILING-MOUNTED PHOTOSENSOR FOR DAYLIGHT HARVESTING DIMMING CONTROL	D	CEILING-MOUNTED INFRARED MOTION DETECTOR	BUSHINGS THROUGH WALLS AND FLOORS FOR DIV. 27 COMMUNICATIONS AND CABLING. SLEEVE SIZE SHALL BE MINIMUM 2" DIA. OR EQUIVALENT FREE ARE OTHERWISE. SPECIFIED CABLE PATHWAY PENETRATION DEVICES SHALL BE
ONE-WAY LENGTH (FEET) BASED ON THREE PHASE, 20A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP	ONE-WAY LENGTH (FEET) BASED ON THREE PHASE, 30A CIRCUIT, 75% LOAD, 100% P.F., IN STEEL CONDUIT, 3% VOLTAGE DROP	E EMERGENCY STOP STATION, REFER TO DETAIL FOR REQUIREMENTS.		POLE-MOUNTED SITE/AREA FIXTURE	UD	WALL-MOUNTED ULTRASONIC MOTION DETECTOR	SLEEVES WHERE THERE IS A REQUIRED RATING IN THE CONSTRUCTED ASSE
		D AUTOMATIC DOOR OPERATOR PUSH BUTTON		SELF-CONTAINED EMERGENCY LIGHTING UNIT		CEILING-MOUNTED ULTRASONIC MOTION DETECTOR	SHALL PASS THROUGH OR OVER THE TOP OF WALL CONSTRUCTION WITHOUT DIVISION 26 CONTRACTOR SHALL PROVIDE SLEEVES (UNLESS OTHERWISE AS
VOLTAGE #12 AWG #10 AWG #8 AWG #6 AWG #4 AWG 208 120 200 305 400 775	VOLTAGE #10 AWG #8 AWG #6 AWG #4 AWG 208 120 200 305 400	ON/OFF PUSH BUTTON			CR	CARD READER	WITH ARCHITECTURAL TRADES DURING THE WALL CONSTRUCTION PROCESS APPLIES TO EXISTING CABLING IN FOOTPRINT OF ANY NEW WALLS; PROVIDE CANNOT BE DISCONNECTED. FIELD-VERIFY QUANTITIES AND LOCATIONS, OR
480 275 460 710 1,130	480 275 460 710 1,130	THREE-FUNCTION PUSH BUTTON			CR ,	CARD READER, MULLION-MOUNTED	ALLOWANCES FOR SLEEVES WITH PROJECT ADMINISTRATIVE REQUIREMENTS 26. PROVIDE DIRECT CONNECTIONS FROM DEDICATED LOCAL BRANCH CIRCUITS
		FB1 FLOORBOX, TYPE 1				ACCESS CONTROL DOOR TAG, REFER TO HARDWARE SCHEDULE(S) IN SECTION 08 71 00 AND/OR SECTION 28 10 00 FOR FURTHER DETAILED REQUIREMENTS	SYSTEM AND DOOR HARDWARE POWER SUPPLIES WHERE REQUIRED FOR DO CONTROLLERS, ETC. REFER TO DOOR HARDWARE SCHEDULE AND ACCESS O SCHEDILLE IN RESPECTIVE SPECIFICATIONS FOR OUNTITIES AND LOCATION
		JUNCTION BOX			ACS	ACCESS CONTROL SYSTEM EQUIPMENT	27. ALL CONTROLS, COMMUNICATIONS, AND ELECTRONIC SAFETY/SECURITY CAR
		M METER				INTRUSION DETECTION SYSTEM EQUIPMENT	KATED UN THIS PRUJECT.
COMMUNICAT		THERMOSTAT ROUGH-IN			PSIL	POWER SUPPLY UNIT	
	T ROUGH-IN	R RELAY				NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED	
•							

	COMMUNICATIONS SYMBOL LEGEND
Ŧ	COMMUNICATIONS OUTLET ROUGH-IN
(a)	COMMUNICATIONS OUTLET, CEILING-MOUNTED
	COMMUNICATIONS OUTLET, FLOOR-MOUNTED
	CEILING-MOUNTED VIDEO PROJECTOR
8	COMMUNICATIONS EQUIPMENT RACK, FLOOR-MOUNTED 2-POST
	COMMUNICATIONS EQUIPMENT RACK, FLOOR-MOUNTED 4-POST
	COMMUNICATIONS EQUIPMENT RACK, WALL-MOUNTED
E3	CONDUIT SLEEVE FOR COMMUNICATIONS CABLING, 2" DIA. OR EQUIV. FREE AREA T UNLESS NOTED OTHERWISE. IN FIRE-RATED AND/OR SMOKE BARRIER WALLS, REF TO SPECIFICATIONS FOR ACCEPTABLE FIRESTOP AND SMOKE SEAL PRODUCTS.
(51)	LOUDSPEAKER, CEILING-MOUNTED, TYPE 1
(S]	LOUDSPEAKER, WALL-MOUNTED, TYPE 1
CS	INTERCOM SYSTEM CALL STATION BUTTON
VC	VOLUME CONTROL FOR AUDIO SYSTEM, PAGING, OR INTERCOM LOUDSPEAKERS
C 1	SECONDARY CLOCK, CEILING-MOUNTED, TYPE 1
C1	SECONDARY CLOCK, WALL-MOUNTED, TYPE 1
B O	SIGNALING BELL
	NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED

TYPICAL MOUNTING HEIGHTS FOR WALL DEVICES, EQUIPMENT, & FIXTURES NOT TO SCALE

IS CABLING, 2" DIA. OR EQUIV. FREE AREA TYP. ATED AND/OR SMOKE BARRIER WALLS, REFER FIRESTOP AND SMOKE SEAL PRODUCTS.

С

ENCLOSED CONTROL CONTACTOR

NOTE: NOT ALL SYMBOLS ARE NECESSARILY USED

ITY CABLING MAY BE INSTALLED D ABOVE A SUSPENDED CEILING CABLING (INCLUDING BUT NOT L EQUIPMENT, BUILDING COMMUNICATIONS NETWORKS,

CESS CONTROL, FIRE ALARM, AND/OR CABLE TRAY UNLESS IN, AND/OR CABLE TRAT UNLESS ED INSTALLATION OF CABLES IN EFLECTED CEILING PLANS FOR CCEPTIONS:

TALLED FLUSH; CUT IN BOXES COORDINATE EXCEPTIONS PROVEN NOT ABLE TO BE , SHALL BE PROVIDED BY THE TED CONDUIT IS NOT ED MECHANICAL/ELECTRICAL

ABLING SHALL NOT BE PAINTED. CABLING SHALL NOT BE FAILTED. NSTALLATION SHALL INSTALL RY PROTECTION OF CABLES FION OF ANY EXISTING CABLING CED AT THE EXPENSE OF THE

FEET OR LESS ABOVE AN LAD OR OTHER FLEXIBLE CABLE ENGINEER. IT IS THE INTENT OF CONSIST OF SEPARATE OF WIRING AS REQUIRED FOR

8 CRITICAL OPERATIONS AYS AND BE KEPT ENTIRELY EMENTS.

OUNDING CONDUCTOR SIZED EWAYS, ETC. SHALL NOT BE

CK, EXCEPT AS NECESSARY TO S ROUTED VERTICALLY TO REDUCED TO 1 1/2" WHERE ER BETWEEN THE ROOF DECK

I POINTS OF ALL ITEMS LOCATED IPEN/VISIBLE STRUCTURE CROSS THE TOP CHORD OR . AND AESTHETIC PURPOSES. RCHITECT/ENGINEER. ' MINIMUM SIZE.

SHALL COMPLY WITH CONDUIT DEGREES. CONDUITS INSTALLED BUILDING STEEL AND/OR

E FACEPLATES, SURFACE ENGINEER IF NOT EXPLICITLY

D CEILING PLANS FOR CATIONS, ARRANGEMENTS, AND

S IN MECHANICAL ROOMS TO ELD CONDITIONS.

ON SHEETS FOR PLACEMENT OF TALLED BEHIND CASEWORK, NAGE, ETC. VINGS AND ARCHITECTURAL

HAND DRYERS. TOR AND THE ELECTRIC AND CONNECTION METHOD CI PROTECTION SHALL BE

ION REGARDING EQUIPMENT REVIEWING AND PROVIDING ENT SCHEDULE SUCH AS ERS, SWITCHES, ETC.

RE CONTROL DEVICES, AT LEAST Y FROM BOX TO DLLED UNIT. REFER TO ITH MECHANICAL /

ED BY MECHANICAL TO MECHANICAL EQUIPMENT

OPRIATE BUSHINGS FOR S AND FLOORS. SLEEVE SIZES

EVES WITH APPROPRIATE AND DIV. 28 SAFETY/SECURITY AREA UNLESS NOTED E SUBSTITUTED FOR CONDUIT SEMBLY.

ROUGH WALLS. NO CABLING OUT THE USE OF A SLEEVE. ASSIGNED) AND COORDINATE S. THIS REQUIREMENT DE SPLIT SLEEVES IF CABLING R COORDINATE USE OF

IT(S) TO ACCESS CONTROL OOOR LOCK DEVICES, S CONTROL SYSTEM

CABLING SHALL BE PLENUM

ЭG CK CK PA BID I RENOVATIONS 8 ITIONS ADD S 10 Õ С Т S Ш Z

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ELECTRICAL SYMBOL LEGENDS & GENERAL NOTES

E0.01.2

- THIS APPLIES TO EVERY DOOR WITH ACCESS CONTROL THROUGHOUT BUILDING.
- 13. PROVIDE BLANK COVER OVER ANY ABANDONED AND REMAINING ROUGH-INS OR JUNCTION BOXES TO MATCH EXISTING.

REMAIN WHICH ARE AFFECTED BY THE DEMOLITIONS.

BUILDING/SITE.

PROGRESSES.

DEMOLISHED.

OWNER.

OWNER.

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RECYCLING FACILITY

CONDUIT, WIRING, AND EQUIPMENT.

- 15. DEMOLISH FIRE ALARM SYSTEMS IN ENTIRETY INCLUDING ALL EQUIPMENT, DEVICES,

- 14. MAINTAIN ACCESS CONTROL DEVICES AT EVERY DOOR AND REINSTALL IN NEW DOOR.

ELECTRICAL DEMOLITION GENERAL NOTES 1. REMOVE ALL ITEMS SHOWN ON DEMO PLAN, UNLESS OTHERWISE NOTED. REMOVE ALL UNUSED CONDUIT, RACEWAYS, WIRE, CABLE, CONTROLS, JUNCTION BOXES, DISCONNECTS, MOUNTS, AND RELATED ELECTRICAL ACCESSORIES COMPLETELY

BACK TO SOURCE. REFER TO DEMOLITION SPECIFICATION. 2. MAKE PROVISIONS TO BACKFEED OR RE-CIRCUIT ANY ITEMS THAT ARE EXISTING TO

3. THE OWNER RESERVES THE RIGHT TO SALVAGE, WHOLE OR IN PART, ANY EQUIPMENT, SYSTEMS, AND/OR MATERIALS THAT ARE SCHEDULED FOR DEMOLITION PRIOR TO REMOVAL FROM THE BUILDING/SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION AND GATHERING OF SUCH ITEMS TO A CENTRAL LOCATION AGREED UPON BY THE OWNER AND CONTRACTOR. ALL REMAINING EQUIPMENT AND/OR MATERIALS REMOVED AND NOT REUSED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE

4. ALL EQUIPMENT AND/OR MATERIALS SLATED FOR REUSE SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE AND REINSTALLED AS WORK

5. ALL DEMOLITION SHOWN IS GATHERED FROM FIELD OBSERVATION AND/OR RECORD DRAWINGS. INVESTIGATION OF EXISTING SYSTEMS WILL BE REQUIRED BY THE CONTRACTOR AS PART OF THE BID PRICE, SO THAT THE EXACT EXTENT OF DEMOLITION CAN BE ACCURATELY DETERMINED. THE CONTRACTOR'S BID PRICE SHALL ALSO INCLUDE REMOVAL OF SOME PORTIONS OF SYSTEMS NOT EXPLICITLY SHOWN ON THIS DRAWING, BUT DISCOVERED DURING THE INVESTIGATION PROCESS. WHERE THE EXTENT OF DEMOLITION IS UNCLEAR, THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT/ENGINEER AND OWNER TO DETERMINE WHICH PORTIONS OF EXISTING SYSTEMS MUST REMAIN ACTIVE AND WHICH PORTIONS MUST BE

6. CONTRACTOR SHALL FIELD VERIFY ACTUAL LOCATION AND SIZES OF EXISTING

7. IF ASBESTOS OR PCB MATERIAL IS ENCOUNTERED IT WILL BE REMOVED BY THE

8. LAMPS CONTAINING MERCURY (FLUORESCENT, METAL HALIDE, SODIUM VAPOR, MERCURY VAPOR, ETC.) SHALL BE DISPOSED OF IN A PROPER HAZARDOUS WASTE

9. PATCH AND REPAIR ALL FLOOR, WALL AND CEILING OPENINGS DUE TO DEMOLITION WHICH ARE NOT TO BE RE-USED TO MATCH EXISTING CONSTRUCTION. 10. CONTRACTOR SHALL PROTECT ALL WALLS, CEILINGS, FLOORS, LIGHTS, AND OTHER

FINISHED SURFACES THAT ARE NOT TO BE REMOVED. IF DAMAGED, CONTRACTOR SHALL REPAIR TO MATCH EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE

11. BACKFILLING SHALL PROMPTLY FOLLOW UNDERGROUND DEMOLITION OR REMOVAL WORK AND SHALL CONTINUE AS THE DEMOLITION PROGRESSES. 12. EXISTING CONDUIT SYSTEMS MAY BE REUSED FOR THE INSTALLATION OF NEW

CONDUCTORS IF THEY ARE DEEMED TO BE IN GOOD CONDITION AND OF ADEQUATE SIZE FOR CODE-COMPLIANT INSTALLATION OF THE NEW CONDUCTORS. REVISE / REROUTE CONDUIT AS NECESSARY TO PROVIDE FEEDS PER POWER AND/OR LIGHTING

AND WIRING. EXISTING PATHWAYS FOUND IN GOOD CONDITION MAY BE REUSED.

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_____ UNIT 'D' FIRST FLOOR ELECTRICAL DEMOLITION PLAN - BP2

E1.1D.2

KEYPLAN

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ELECTRICAL DEMOLITION GENERAL NOTES

1. REMOVE ALL ITEMS SHOWN ON DEMO PLAN, UNLESS OTHERWISE NOTED. REMOVE ALL UNUSED CONDUIT, RACEWAYS, WIRE, CABLE, CONTROLS, JUNCTION BOXES, DISCONNECTS, MOUNTS, AND RELATED ELECTRICAL ACCESSORIES COMPLETELY BACK TO SOURCE. REFER TO DEMOLITION SPECIFICATION.

- 2. MAKE PROVISIONS TO BACKFEED OR RE-CIRCUIT ANY ITEMS THAT ARE EXISTING TO
- REMAIN WHICH ARE AFFECTED BY THE DEMOLITIONS. 3. THE OWNER RESERVES THE RIGHT TO SALVAGE, WHOLE OR IN PART, ANY EQUIPMENT, SYSTEMS, AND/OR MATERIALS THAT ARE SCHEDULED FOR DEMOLITION PRIOR TO REMOVAL FROM THE BUILDING/SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION AND GATHERING OF SUCH ITEMS TO A CENTRAL LOCATION AGREED UPON BY THE OWNER AND CONTRACTOR. ALL REMAINING EQUIPMENT AND/OR MATERIALS REMOVED AND NOT REUSED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE
- 4. ALL EQUIPMENT AND/OR MATERIALS SLATED FOR REUSE SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE AND REINSTALLED AS WORK

BUILDING/SITE.

PROGRESSES.

DEMOLISHED.

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- 5. ALL DEMOLITION SHOWN IS GATHERED FROM FIELD OBSERVATION AND/OR RECORD DRAWINGS. INVESTIGATION OF EXISTING SYSTEMS WILL BE REQUIRED BY THE CONTRACTOR AS PART OF THE BID PRICE, SO THAT THE EXACT EXTENT OF DEMOLITION CAN BE ACCURATELY DETERMINED. THE CONTRACTOR'S BID PRICE SHALL ALSO INCLUDE REMOVAL OF SOME PORTIONS OF SYSTEMS NOT EXPLICITLY SHOWN ON THIS DRAWING, BUT DISCOVERED DURING THE INVESTIGATION PROCESS. WHERE THE EXTENT OF DEMOLITION IS UNCLEAR, THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT/ENGINEER AND OWNER TO DETERMINE WHICH PORTIONS OF EXISTING SYSTEMS MUST REMAIN ACTIVE AND WHICH PORTIONS MUST BE
- 6. CONTRACTOR SHALL FIELD VERIFY ACTUAL LOCATION AND SIZES OF EXISTING CONDUIT, WIRING, AND EQUIPMENT. 7. IF ASBESTOS OR PCB MATERIAL IS ENCOUNTERED IT WILL BE REMOVED BY THE
- OWNER. 8. LAMPS CONTAINING MERCURY (FLUORESCENT, METAL HALIDE, SODIUM VAPOR, MERCURY VAPOR, ETC.) SHALL BE DISPOSED OF IN A PROPER HAZARDOUS WASTE RECYCLING FACILITY.
- 9. PATCH AND REPAIR ALL FLOOR, WALL AND CEILING OPENINGS DUE TO DEMOLITION WHICH ARE NOT TO BE RE-USED TO MATCH EXISTING CONSTRUCTION. 10. CONTRACTOR SHALL PROTECT ALL WALLS, CEILINGS, FLOORS, LIGHTS, AND OTHER
- FINISHED SURFACES THAT ARE NOT TO BE REMOVED. IF DAMAGED, CONTRACTOR SHALL REPAIR TO MATCH EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. 11. BACKFILLING SHALL PROMPTLY FOLLOW UNDERGROUND DEMOLITION OR REMOVAL
- WORK AND SHALL CONTINUE AS THE DEMOLITION PROGRESSES. 12. EXISTING CONDUIT SYSTEMS MAY BE REUSED FOR THE INSTALLATION OF NEW CONDUCTORS IF THEY ARE DEEMED TO BE IN GOOD CONDITION AND OF ADEQUATE SIZE FOR CODE-COMPLIANT INSTALLATION OF THE NEW CONDUCTORS. REVISE / REROUTE CONDUIT AS NECESSARY TO PROVIDE FEEDS PER POWER AND/OR LIGHTING
- 13. PROVIDE BLANK COVER OVER ANY ABANDONED AND REMAINING ROUGH-INS OR JUNCTION BOXES TO MATCH EXISTING.
- 14. MAINTAIN ACCESS CONTROL DEVICES AT EVERY DOOR AND REINSTALL IN NEW DOOR. THIS APPLIES TO EVERY DOOR WITH ACCESS CONTROL THROUGHOUT BUILDING.
- 15. DEMOLISH FIRE ALARM SYSTEMS IN ENTIRETY INCLUDING ALL EQUIPMENT, DEVICES, AND WIRING. EXISTING PATHWAYS FOUND IN GOOD CONDITION MAY BE REUSED.

ELECTRICAL KEYNOTES

DEMOLISH ALL LIGHTING FIXTURES SAVE LIGHTING FIXTURES FOR REUS LIGHTING CONTROLS, RECEPTACLES, COMMUNICATIONS OUTLETS, PUBLIC ADDRESS SPEAKERS, AND FIRE ALARM DEVICES WITHIN SPACE. SALVAGE AI

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UNIT 'E' FIRST FLOOR ELECTRICAL DEMOLITION PLAN - BP2 E1.1E.2


POWER & COMMUNICATION GENERAL NOTES 1. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.01. 2. REFER TO CODE COMPLIANCE PLAN FOR LOCATIONS AND RATINGS OF VERTICAL AND HORIZONTAL BUILDING ASSEMBLIES. PROVIDE APPROPRIATE FIRESTOPPING SYSTEMS PER SPECIFICATIONS TO MEET ALL APPLICABLE CODES.

- 3. ALL GENERAL-USE 15- AND 20-AMPERE, 125- AND 250-VOLT NON-LOCKING RECEPTACLES SHALL BE TAMPER-RESISTANT TYPE; REFER TO NEC 406.12 AND SPECIFICATION SECTION 26 27 26.
- 4. PROVIDE 120VAC POWER FOR ALL SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS. A. REFER TO MECHANICAL/HVAC DRAWINGS FOR LOCATIONS AND QUANTITIES OF DAMPERS.
- B. CONNECT TO DEDICATED 20A BRANCH CIRCUIT (WITH BREAKER LOCK-ON ACCESSORY) IN LOCAL PANELBOARD FOR DAMPER(S) IN EACH AREA (DAMPERS MAY BE GROUPED ON EACH CIRCUIT). C. TERMINATE W/ BOX-COVER FUSIBLE DISCONNECT SWITCH AT EACH
- D. PROVIDE FIRE ALARM DUCT SMOKE DETECTOR WITHIN 5 FEET OF EACH DAMPER (UNLESS COVERED BY ANOTHER DUCT DETECTOR WITHIN 5 FEET).
- E. PROVIDE FIRE ALARM ADDRESSABLE RELAY(S) FOR INTERLOCKING DAMPER W/ CORRESPONDING HVAC UNIT(S) PER CODE REQUIREMENTS. 5. PROVIDE BOX-COVER FUSIBLE DISCONNECT SWITCH (ON BUILDING INTERIOR IN
- ACCESSIBLE LOCATION) FOR EACH SMALL (< 1/2 HP) MECHANICAL AND/OR PLUMBING EQUIPMENT MOTOR LOAD WHERE MORE THAN ONE UNIT IS CONNECTED TO A COMMON BRANCH CIRCUIT. TYPICAL EQUIPMENT TYPES INCLUDE BUT ARE NOT LIMITED TO CABINET HEATERS, DAMPERS, EXHAUST FANS, FAN COIL UNITS, PUMPS, UNIT HEATERS, VAV BOXES, ETC.
- 6. DESIGNATED CABLING PATHWAYS (CONDUITS, CABLE TRAYS, PENETRATION SLEEVES, ETC.) SHALL BE RESERVED FOR DIV. 27 COMMUNICATIONS CABLING AND DIV. 28 SAFETY/SECURITY CABLING ONLY. OTHER CABLING TYPES, SUCH AS DIV. 23 CONTROLS, DIV. 26 CONTROLS, AND ARCHITECTURAL EQUIPMENT CABLING SHALL BE SUPPORTED AND SLEEVED BY OTHER INDEPENDENT PATHWAYS, HANGERS, AND SUPPORTS.
- 7. PROVIDE INFRASTRUCTURE ONLY FOR COMMUNICATIONS, ACCESS CONTROL, AND FIRE ALARM SYSTEMS. DEVICES SHOWN TO PROVIDE QUANTITIES ONLY. COORDINATE FINAL LOCATIONS OF ALL DEVICES WITH INSTALLER PRIOR TO ROUGH-IN.





UNIT F



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5-6394

DRAWN JDM

REVIEWED SMS

PROJECT NO.

UNIT 'D' FIRST FLOOR POWER & COMMUNICATIONS PLAN -BP2





UNIT 'E' FIRST FLOOR POWER & COMMUNICATIONS PLAN - BP2 1/8" = 1'-0"



- 5. PROVIDE BOX-COVER FUSIBLE DISCONNECT SWITCH (ON BUILDING INTERIOR IN ACCESSIBLE LOCATION) FOR EACH SMALL (< 1/2 HP) MECHANICAL AND/OR PLUMBING EQUIPMENT MOTOR LOAD WHERE MORE THAN ONE UNIT IS CONNECTED TO A COMMON BRANCH CIRCUIT. TYPICAL EQUIPMENT TYPES INCLUDE BUT ARE NOT LIMITED TO CABINET HEATERS, DAMPERS, EXHAUST FANS, FAN COIL UNITS, PUMPS, UNIT HEATERS, VAV BOXES, ETC.
- 6. DESIGNATED CABLING PATHWAYS (CONDUITS, CABLE TRAYS, PENETRATION SLEEVES, ETC.) SHALL BE RESERVED FOR DIV. 27 COMMUNICATIONS CABLING AND DIV. 28 SAFETY/SECURITY CABLING ONLY. OTHER CABLING TYPES, SUCH AS DIV. 23 CONTROLS, DIV. 26 CONTROLS, AND ARCHITECTURAL EQUIPMENT CABLING SHALL BE SUPPORTED AND SLEEVED BY OTHER INDEPENDENT PATHWAYS, HANGERS, AND SUPPORTS.
- 7. PROVIDE INFRASTRUCTURE ONLY FOR COMMUNICATIONS, ACCESS CONTROL, AND FIRE ALARM SYSTEMS. DEVICES SHOWN TO PROVIDE QUANTITIES ONLY. COORDINATE FINAL LOCATIONS OF ALL DEVICES WITH INSTALLER PRIOR TO ROUGH-IN.

ELECTRICAL KEYNOTES P23 CUT AND PATCH WALL TO INSTALL PANELBOARD 'EC'.





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UNIT 'E' FIRST FLOOR POWER & COMMUNICATIONS PLAN -BP2







- 7. ALL AC-ONLY (NON-BATTERY) EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING BRANCH CIRCUIT AHEAD OF ANY CONTROLS. 8. ALL EXIT SIGNS WITH EMERGENCY BATTERY SHALL BE CONNECTED TO LOCAL
- LIGHTING BRANCH CIRCUIT AHEAD OF ANY CONTROLS.
- B. CONTRACTOR SHALL COORDINATE AND DETERMINE EXACT DEVICE INSTALLATION CONFIGURATION WITH MANUFACTURER'S DOCUMENTATION PRIOR TO ROUGH WIRING STAGES OF CONSTRUCTION.

SPACES WHERE DAYLIGHTING AREAS ARE NOT SHOWN.

NOT DIMMING CONTROL DEVICE IS REQUIRED.

SPACES FOR REFERENCE TO LIGHTING CONTROL SCHEDULES.

LIGHTING CONTROL SCHEDULES.

- 9. REFER TO ELECTRICAL GENERAL NOTES, LIGHTING CONTROL GENERAL NOTES, AND LIGHTING CONTROL SCHEDULES.

LIGHTING GENERAL NOTES ----- DAYLIGHTING AREA - PRIMARY ----- DAYLIGHTING AREA - SECONDARY LIGHTING TAG - TYPICAL SWITCHING ZONE AREA C4 FIXTURE TYPE SWITCHING ZONE DAYLIGHTING CONTROL CHANNEL AREA EACH CONTROL TAG (a, a1, b1, A101.a1, ETC.) REPRESENTS BOTH THE SWITCHING ZONES AND DAYLIGHTING REQUIREMENTS OF THE SPACE AND

SYSTEM.

SPECIFIED.

DEVICE(S) REQUIRED.

	ELECTRICAL KEYNOTES
L21	CIRCUIT LIGHTING FIXTURE TO NEAREST 120V 20A LIGHTING BRANCH CIRCU WITH CAPACITY.
L23	REPLACE EXISTING LIGHTING FIXTURE WITH TYPE 'A2E' LIGHTING FIXTURE. RECIRCUIT LIGHTING FIXTURE TO BE A NIGHTLIGHT (UNSWITCHED). CONFIRM FXACT LIGHTING FIXTURE TO BE SWITCHED WITH OWNER PRIOR TO WORK

LIGHTING TAG - WITH SPACE I.D.

SHALL BE TREATED AS ONE CONTROL CHANNEL RELATIVE TO THE CONTROL

2. DAYLIGHTING CONTROLS ARE NOT REQUIRED BY APPLICABLE ENERGY CODE IN 3. LIGHTING CONTROL INTENT NARRATIVE TAGS (CIN-__) ARE PLACED WITHIN

4. ALL DIMMING CAPABLE LIGHTING FIXTURES (AS NOTED ON LIGHTING FIXTURE SCHEDULE) SHALL BE WIRED AS SUCH WITH 0-10VDC CONTROL WIRING BACK TO CONTROL DEVICE WALL BOX OR LIGHTING CONTROL PANEL WHETHER OR

5. ALL MODULAR LIGHTING CONTROL DEVICES SHALL BE LOCATED WITHIN THE SAME ROOM AS THE CONTROLLED LIGHTING AND IN A CONSISTENT MANNER FROM ROOM-TO-ROOM. PREFERRED LOCATION IS ABOVE ACCESSIBLE CEILING NEAR THE PRIMARY ENTRY DOOR TO THE SPACE IF NO OTHER LOCATION IS

6. LIGHTING CONTROL SWITCH AND CONTROL MODULE / POWER PACK SYMBOLS ARE INDICATED FOR REPRESENTATIVE PLACEMENT PURPOSES ONLY AND MAY NOT REFLECT EXACT QUANTITY, SIZE, OR ARRANGEMENT OF BOX(ES) OR A. LIGHTING CONTROLS MANUFACTURER SHALL DETERMINE AND FURNISH PRODUCT LAYOUT/APPLICATION DETAIL AS NECESSARY TO ACHIEVE REQUIRED FUNCTIONALITY AS IDENTIFIED IN SPECIFICATIONS AND ON



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PROJECT NO.

UNIT 'C' FIRST FLOOR LIGHTING PLAN - BP2

E3.1C.2









UNIT F

LIGHTING TAG - WITH SPACE I.D. C4 — FIXTURE



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UNIT 'D' FIRST FLOOR LIGHTING PLAN - BP2

E3.1D.2

3 Docs 3:51



UNIT 'E' FIRST FLOOR LIGHTING PLAN - BP2 1/8" = 1'-0"

LIGHTING GENERAL NOTES

-	DAYLIGHTING ARE/	A - PRIMARY
-	DAYLIGHTING ARE	A - SECONDARY
	LIGHTING TAG - TYPICAL	LIGHTING TAG - WITH SF
SWIT CONT	CHING ZONE ROL CHANNEL	E C4F SPACE I.D SWITCHING ZONE CONTROL CHANNEL
1.	EACH CONTROL TAG (a, a1, b1, A10 SWITCHING ZONES AND DAYLIGHTII SHALL BE TREATED AS ONE CONTR SYSTEM.	1.a1, ETC.) REPRESENTS BOTH THE NG REQUIREMENTS OF THE SPACE A OL CHANNEL RELATIVE TO THE CON
2.	DAYLIGHTING CONTROLS ARE NOT SPACES WHERE DAYLIGHTING ARE	REQUIRED BY APPLICABLE ENERGY AS ARE NOT SHOWN.
3.	LIGHTING CONTROL INTENT NARRA SPACES FOR REFERENCE TO LIGHT	TIVE TAGS (CIN) ARE PLACED WIT ING CONTROL SCHEDULES.
4.	ALL DIMMING CAPABLE LIGHTING FI SCHEDULE) SHALL BE WIRED AS SU TO CONTROL DEVICE WALL BOX OR NOT DIMMING CONTROL DEVICE IS	XTURES (AS NOTED ON LIGHTING FI CH WITH 0-10VDC CONTROL WIRING LIGHTING CONTROL PANEL WHETH REQUIRED.
5.	ALL MODULAR LIGHTING CONTROL SAME ROOM AS THE CONTROLLED FROM ROOM-TO-ROOM. PREFERRE NEAR THE PRIMARY ENTRY DOOR T SPECIFIED.	DEVICES SHALL BE LOCATED WITHIN LIGHTING AND IN A CONSISTENT MA D LOCATION IS ABOVE ACCESSIBLE O THE SPACE IF NO OTHER LOCATIO
6.	LIGHTING CONTROL SWITCH AND C ARE INDICATED FOR REPRESENTAT NOT REFLECT EXACT QUANTITY, SIZ DEVICE(S) REQUIRED. A. LIGHTING CONTROLS MANUFAC PRODUCT LAYOUT/APPLICATIO REQUIRED FUNCTIONALITY AS LIGHTING CONTROL SCHEDULE B. CONTRACTOR SHALL COORDIN INSTALLATION CONFIGURATION PRIOR TO ROUGH WIRING STAC	ONTROL MODULE / POWER PACK SY IVE PLACEMENT PURPOSES ONLY A ZE, OR ARRANGEMENT OF BOX(ES) (CTURER SHALL DETERMINE AND FUF N DETAIL AS NECESSARY TO ACHIEV IDENTIFIED IN SPECIFICATIONS AND IS. IATE AND DETERMINE EXACT DEVICE WITH MANUFACTURER'S DOCUMEN GES OF CONSTRUCTION.
7.	ALL AC-ONLY (NON-BATTERY) EXIT S EMERGENCY LIGHTING BRANCH CIF	SIGNS SHALL BE CONNECTED TO LO RCUIT AHEAD OF ANY CONTROLS.
8.	ALL EXIT SIGNS WITH EMERGENCY LIGHTING BRANCH CIRCUIT AHEAD	BATTERY SHALL BE CONNECTED TO OF ANY CONTROLS.
9.	REFER TO ELECTRICAL GENERAL N AND LIGHTING CONTROL SCHEDULE	OTES, LIGHTING CONTROL GENERAI ES.

\bigcirc	ELECTRICAL KEYNOT
L21	CIRCUIT LIGHTING FIXTURE TO NEAREST 120V 20A LI WITH CAPACITY.
L22	MOUNT LIGHTING CONTROLS UNDER COMMON FACE
L23	REPLACE EXISTING LIGHTING FIXTURE WITH TYPE 'A RECIRCUIT LIGHTING FIXTURE TO BE A NIGHTLIGHT EXACT LIGHTING FIXTURE TO BE SWITCHED WITH OV



G TAG - WITH SPACE I.D. C4 — FIXTURE A101.a1 TYPE ______ DAYLIGHTING ______ AREA

ENTS BOTH THE OF THE SPACE AND VE TO THE CONTROL

CABLE ENERGY CODE IN

ARE PLACED WITHIN EDULES. ON LIGHTING FIXTURE ONTROL WIRING BACK L PANEL WHETHER OR

OCATED WITHIN THE E ACCESSIBLE CEILING OTHER LOCATION IS

OWER PACK SYMBOLS IRPOSES ONLY AND MAY INT OF BOX(ES) OR ERMINE AND FURNISH SARY TO ACHIEVE SIFICATIONS AND ON

E EXACT DEVICE RER'S DOCUMENTATION NNECTED TO LOCAL

ONNECTED TO LOCAL NTROL GENERAL NOTES,

TES

IGHTING BRANCH CIRCL CEPLATE. 'A2E' LIGHTING FIXTURE. T (UNSWITCHED). CONFIRN OWNER PRIOR TO WORK.



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PROJECT NO.

UNIT 'E' FIRST FLOOR LIGHTING PLAN - BP2

E3.1E.2

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3P/30A SW. 3P/30A FU.	3P/30A FU.	·III ## ·MS VOE/AE ·III VOE/AE ·III VOE/AE ·IIII VOE/AE ·SPARE			・1.1.1.4、 3P/30A SW. 3P/30A FU.		MS VOE/AE MS VOE/AE MS VOE/AE MS VOE/AE SPARE	· ILT SPARE	ゆ-ローロ・ヘーク 3P/60A SW. 3P/60A FU.	3P/60A FU.	 ·MS V09/dE ·MS V09/dE ·MS V09/dE ·MS V09/dE ·MS V09/dE ·MS V09/dE	ゆ - ローロ・ヘーク- 3P/100A SW. 3P/100A FU.
	ING LINE SOUTH		CONVEYOR	IWASHER WEST	ALK-IN FREEZER		VASHING ROOM	KETTLE WEST	FOOD MIXER	HOT PLATE	KETTLE EAST	RANGE WEST
	SERVI	EX. LOAD		DISH		AIX COND	AHSIQ HSIQ MAINTAIN E SWITCHBOAN	XISTING CIRCUITS AND EXPA RD 'PPA' UNLESS INDICATED	ND TO NEW OTHERWISE			
		(1 E4.01.2	SW ON 1/8" =	TTCHB <u>E-LINE</u>	oard 'Mse Diagram	3-1' POWER DEMOLITIO	DISTRIBUTI(N	NC			



	BASED ON									
1 PHASE, 3 WIRE WITH GROU										
TAG										
A100G	(3) #1 AWG + (1) #6 AWG									
A120G	(3) #1/0 AWG + (1) #4 AW									
A135G	(3) #2/0 AWG + (1) #4 AW									
A155G	(3) #3/0 AWG + (1) #4 AW									
A180G	(3) #4/0 AWG + (1) #4 AW									
A205G	(3) 250 KCMIL + (1) #2 AV									
A230G	(3) 300 KCMIL + (1) #2 AV									
A250G	(3) 350 KCMIL + (1) #2 AV									
A270G	(3) 400 KCMIL + (1) #2 AV									
A310G	(3) 500 KCMIL + (1) #1 AV									
A340G	(3) 600 KCMIL + (1) #1 AV									
A400G	TWO PARALLEL [(3) 250									
A500G	TWO PARALLEL [(3) 350									
A600G	TWO PARALLEL [(3) 500									
A800G	THREE PARALLEL [(3) 5									
A1000G	FOUR PARALLEL [(3) 35									
A1200G	FOUR PARALLEL [(3) 50									
A1600G	SIX PARALLEL [(3) 500 K									
A2000G	SEVEN PARALLEL [(3) 5									
A2500G	EIGHT PARALLEL [(3) 60									
A3000G	NINE PARALLEL [(3) 600									
NOTE: DE	ESIGNATIONS WITH "NN" (

EX. PANELBOARD 'PPE' 208Y/120V 3PH 4W 600A

-OR- 3 PHASE, 3 WIRE WITH GROUND	3 PHASE, 4 WIRE WITH GROUND							
FILL	TAG	FILL						
RD IN 1 1/4" CONDUIT	A100NG	(4) #1 AWG + (1) #6 AWG GRD IN 1 1/4" CONDUIT						
GRD IN 1 1/4" CONDUIT	A120NG	(4) #1/0 AWG + (1) #4 AWG GRD IN 1 1/2" CONDUIT						
GRD IN 1 1/2" CONDUIT	A135NG	(4) #2/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
GRD IN 1 1/2" CONDUIT	A155NG	(4) #3/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
GRD IN 2" CONDUIT	A180NG	(4) #4/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
GRD IN 2" CONDUIT	A205NG	(4) 250 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT						
GRD IN 2 1/2" CONDUIT	A230NG	(4) 300 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT						
GRD IN 2 1/2" CONDUIT	A250NG	(4) 350 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT						
GRD IN 2 1/2" CONDUIT	A270NG	(4) 400 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT						
GRD IN 3" CONDUIT	A310NG	(4) 500 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT						
GRD IN 3" CONDUIT	A340NG	(4) 600 KCMIL + (1) #1 AWG GRD IN 3 1/2" CONDUIT						
CMIL + (1) #1 AWG GRD IN 2" CONDUIT]	A400NG	TWO PARALLEL [(4) 250 KCMIL + (1) #1 AWG GRD IN 2 1/2" CONDUIT]						
CMIL + (1) #1/0 AWG GRD IN 2 1/2" CONDUIT]	A500NG	TWO PARALLEL [(4) 350 KCMIL + (1) #1/0 AWG GRD IN 3" CONDUIT]						
CMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]	A600NG	TWO PARALLEL [(4) 500 KCMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]						
KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]	A800NG	THREE PARALLEL [(4) 500 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]						
CMIL + (1) #4/0 AWG GRD IN 2 1/2" CONDUIT]	A1000NG	FOUR PARALLEL [(4) 350 KCMIL + (1) #4/0 AWG GRD IN 3" CONDUIT]						
CMIL + (1) 250 KCMIL GRD IN 3" CONDUIT]	A1200NG	FOUR PARALLEL [(4) 500 KCMIL + (1) 250 KCMIL GRD IN 3" CONDUIT]						
/IL + (1) 350 KCMIL GRD IN 3" CONDUIT]	A1600NG	SIX PARALLEL [(4) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDUIT]						
KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]	A2000NG	SEVEN PARALLEL [(4) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT						
(CMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]	A2500NG	EIGHT PARALLEL [(4) 600 KCMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]						
CMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]	A3000NG	NINE PARALLEL [(4) 600 KCMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]						

	LOW-VOLTAGE FEEDER SCHEDULE BASED ON NEC TABLE 310.15(B)(16) FOR COPPER CONDUCTORS APPLIED AT 75°C RATING									
1 PH	ASE, 3 WIRE WITH GROUND -OR- 3 PHASE, 3 WIRE WITH GROUND	3 PHASE, 4 WIRE WITH GROUND								
TAG	FILL	TAG	FILL							
20G	(3) #12 AWG + (1) #12 AWG GRD IN 3/4" CONDUIT	20NG	(4) #12 AWG + (1) #12 AWG GRD IN 3/4" CONDUIT							
30G	(3) #10 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT	30NG	(4) #10 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT							
50G	(3) #8 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT	50NG	(4) #8 AWG + (1) #10 AWG GRD IN 1" CONDUIT							
65G	(3) #6 AWG + (1) #8 AWG GRD IN 1" CONDUIT	65NG	(4) #6 AWG + (1) #8 AWG GRD IN 1" CONDUIT							
85G	(3) #4 AWG + (1) #8 AWG GRD IN 1" CONDUIT	85NG	(4) #4 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT							
100G	(3) #3 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT	100NG	(4) #3 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT							
115G	(3) #2 AWG + (1) #6 AWG GRD IN 1 1/4" CONDUIT	115NG	(4) #2 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT							
130G	(3) #1 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT	130NG	(4) #1 AWG + (1) #6 AWG GRD IN 2" CONDUIT							
150G	(3) #1/0 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT	150NG	(4) #1/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT							
175G	(3) #2/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT	175NG	(4) #2/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT							
200G	(3) #3/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT	200NG	(4) #3/0 AWG + (1) #6 AWG GRD IN 2 1/2" CONDUIT							
230G	(3) #4/0 AWG + (1) #4 AWG GRD IN 2 1/2" CONDUIT	230NG	(4) #4/0 AWG + (1) #4 AWG GRD IN 2 1/2" CONDUIT							
255G	(3) 250 KCMIL + (1) #4 AWG GRD IN 2 1/2" CONDUIT	255NG	(4) 250 KCMIL + (1) #4 AWG GRD IN 3" CONDUIT							
285G	(3) 300 KCMIL + (1) #4 AWG GRD IN 2 1/2" CONDUIT	285NG	(4) 300 KCMIL + (1) #4 AWG GRD IN 3" CONDUIT							
310G	(3) 350 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	310NG	(4) 350 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT							
335G	(3) 400 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	335NG	(4) 400 KCMIL + (1) #3 AWG GRD IN 3 1/2" CONDUIT							
380G	(3) 500 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	380NG	(4) 500 KCMIL + (1) #3 AWG GRD IN 3 1/2" CONDUIT							
420G	(3) 600 KCMIL + (1) #2 AWG GRD IN 3 1/2" CONDUIT	420NG	(4) 600 KCMIL + (1) #2 AWG GRD IN 3 1/2" CONDUIT							
500G	TWO PARALLEL [(3) 250 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT]	500NG	TWO PARALLEL [(4) 250 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT]							
600G	TWO PARALLEL [(3) 350 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT]	600NG	TWO PARALLEL [(4) 350 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT]							
800G	TWO PARALLEL [(3) 600 KCMIL + (1) #1/0 AWG GRD IN 3 1/2" CONDUIT]	800NG	TWO PARALLEL [(4) 600 KCMIL + (1) #1/0 AWG GRD IN 3 1/2" CONDUIT]							
1000G	THREE PARALLEL [(3) 500 KCMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]	1000NG	THREE PARALLEL [(4) 500 KCMIL + (1) #2/0 AWG GRD IN 3 1/2" CONDUIT]							
1200G	FOUR PARALLEL [(3) 350 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]	1200NG	FOUR PARALLEL [(4) 350 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]							
1600G	FIVE PARALLEL [(3) 500 KCMIL + (1) #4/0 AWG GRD IN 3" CONDUIT]	1600NG	FIVE PARALLEL [(4) 500 KCMIL + (1) #4/0 AWG GRD IN 3 1/2" CONDUIT]							
2000G	SIX PARALLEL [(3) 500 KCMIL + (1) 250 KCMIL GRD IN 3 1/2" CONDUIT]	2000NG	SIX PARALLEL [(4) 500 KCMIL + (1) 250 KCMIL GRD IN 3 1/2" CONDUIT]							
2500G	SEVEN PARALLEL [(3) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDUIT]	2500NG	SEVEN PARALLEL [(4) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDUIT]							
3000G	EIGHT PARALLEL [(3) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]	3000NG	EIGHT PARALLEL [(4) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]							
NOTE: DE	SIGNATIONS WITH "NN" (E.G. "230NNG") SHALL BE SIMILAR TO THE REQUI	RED "N" FEE	DER EXCEPT WITH DOUBLE (200%) NEUTRAL CONDUCTOR.							





N # () BID RENOVATIONS SCHOOLS YNE ∞ TIONS MA ADDI WESTERN CHOOLS S 111 Ш ST Ш 3 ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JDM REVIEWED SMS 5-6394 PROJECT NO. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ POWER DISTRIBUTION ONE-LINE DIAGRAMS - BP2 E4.01.2







O -OR- 3 PHASE, 3 WIRE WITH GROUND	3 PHASE, 4 WIRE WITH GROUND							
FILL	TAG	FILL						
GRD IN 1 1/4" CONDUIT	A100NG	(4) #1 AWG + (1) #6 AWG GRD IN 1 1/4" CONDUIT						
GRD IN 1 1/4" CONDUIT	A120NG	(4) #1/0 AWG + (1) #4 AWG GRD IN 1 1/2" CONDUIT						
GRD IN 1 1/2" CONDUIT	A135NG	(4) #2/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
GRD IN 1 1/2" CONDUIT	A155NG	(4) #3/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
GRD IN 2" CONDUIT	A180NG	(4) #4/0 AWG + (1) #4 AWG GRD IN 2" CONDUIT						
G GRD IN 2" CONDUIT	A205NG	(4) 250 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT						
G GRD IN 2 1/2" CONDUIT	A230NG	(4) 300 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT						
G GRD IN 2 1/2" CONDUIT	A250NG	(4) 350 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT						
G GRD IN 2 1/2" CONDUIT	A270NG	(4) 400 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT						
G GRD IN 3" CONDUIT	A310NG	(4) 500 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT						
GRD IN 3" CONDUIT	A340NG	(4) 600 KCMIL + (1) #1 AWG GRD IN 3 1/2" CONDUIT						
CMIL + (1) #1 AWG GRD IN 2" CONDUIT]	A400NG	TWO PARALLEL [(4) 250 KCMIL + (1) #1 AWG GRD IN 2 1/2" CONDUIT]						
CMIL + (1) #1/0 AWG GRD IN 2 1/2" CONDUIT]	A500NG	TWO PARALLEL [(4) 350 KCMIL + (1) #1/0 AWG GRD IN 3" CONDUIT]						
CMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]	A600NG	TWO PARALLEL [(4) 500 KCMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]						
KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]	A800NG	THREE PARALLEL [(4) 500 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]						
(CMIL + (1) #4/0 AWG GRD IN 2 1/2" CONDUIT]	A1000NG	FOUR PARALLEL [(4) 350 KCMIL + (1) #4/0 AWG GRD IN 3" CONDUIT]						
(CMIL + (1) 250 KCMIL GRD IN 3" CONDUIT]	A1200NG	FOUR PARALLEL [(4) 500 KCMIL + (1) 250 KCMIL GRD IN 3" CONDUIT]						
MIL + (1) 350 KCMIL GRD IN 3" CONDUIT]	A1600NG	SIX PARALLEL [(4) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDUIT]						
KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]	A2000NG	SEVEN PARALLEL [(4) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]						
KCMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]	A2500NG	EIGHT PARALLEL [(4) 600 KCMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]						
CMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]	A3000NG	NINE PARALLEL [(4) 600 KCMIL + (1) 600 KCMIL GRD IN 3 1/2" CONDUIT]						

1 PH	IASE, 3 WIRE WITH GROUND -OR- 3 PHASE, 3 WIRE WITH GROUND		3 PHASE, 4 WIRE WITH GROUND
TAG	FILL	TAG	FILL
20G	(3) #12 AWG + (1) #12 AWG GRD IN 3/4" CONDUIT	20NG	(4) #12 AWG + (1) #12 AWG GRD IN 3/4" CONDUIT
30G	(3) #10 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT	30NG	(4) #10 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT
50G	(3) #8 AWG + (1) #10 AWG GRD IN 3/4" CONDUIT	50NG	(4) #8 AWG + (1) #10 AWG GRD IN 1" CONDUIT
65G	(3) #6 AWG + (1) #8 AWG GRD IN 1" CONDUIT	65NG	(4) #6 AWG + (1) #8 AWG GRD IN 1" CONDUIT
85G	(3) #4 AWG + (1) #8 AWG GRD IN 1" CONDUIT	85NG	(4) #4 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT
100G	(3) #3 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT	100NG	(4) #3 AWG + (1) #8 AWG GRD IN 1 1/4" CONDUIT
115G	(3) #2 AWG + (1) #6 AWG GRD IN 1 1/4" CONDUIT	115NG	(4) #2 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT
130G	(3) #1 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT	130NG	(4) #1 AWG + (1) #6 AWG GRD IN 2" CONDUIT
150G	(3) #1/0 AWG + (1) #6 AWG GRD IN 1 1/2" CONDUIT	150NG	(4) #1/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT
175G	(3) #2/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT	175NG	(4) #2/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT
200G	(3) #3/0 AWG + (1) #6 AWG GRD IN 2" CONDUIT	200NG	(4) #3/0 AWG + (1) #6 AWG GRD IN 2 1/2" CONDUIT
230G	(3) #4/0 AWG + (1) #4 AWG GRD IN 2 1/2" CONDUIT	230NG	(4) #4/0 AWG + (1) #4 AWG GRD IN 2 1/2" CONDUIT
255G	(3) 250 KCMIL + (1) #4 AWG GRD IN 2 1/2" CONDUIT	255NG	(4) 250 KCMIL + (1) #4 AWG GRD IN 3" CONDUIT
285G	(3) 300 KCMIL + (1) #4 AWG GRD IN 2 1/2" CONDUIT	285NG	(4) 300 KCMIL + (1) #4 AWG GRD IN 3" CONDUIT
310G	(3) 350 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	310NG	(4) 350 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT
335G	(3) 400 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	335NG	(4) 400 KCMIL + (1) #3 AWG GRD IN 3 1/2" CONDUIT
380G	(3) 500 KCMIL + (1) #3 AWG GRD IN 3" CONDUIT	380NG	(4) 500 KCMIL + (1) #3 AWG GRD IN 3 1/2" CONDUIT
420G	(3) 600 KCMIL + (1) #2 AWG GRD IN 3 1/2" CONDUIT	420NG	(4) 600 KCMIL + (1) #2 AWG GRD IN 3 1/2" CONDUIT
500G	TWO PARALLEL [(3) 250 KCMIL + (1) #2 AWG GRD IN 2 1/2" CONDUIT]	500NG	TWO PARALLEL [(4) 250 KCMIL + (1) #2 AWG GRD IN 3" CONDUIT]
600G	TWO PARALLEL [(3) 350 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT]	600NG	TWO PARALLEL [(4) 350 KCMIL + (1) #1 AWG GRD IN 3" CONDUIT]
800G	TWO PARALLEL [(3) 600 KCMIL + (1) #1/0 AWG GRD IN 3 1/2" CONDUIT]	800NG	TWO PARALLEL [(4) 600 KCMIL + (1) #1/0 AWG GRD IN 3 1/2" CONDUIT]
1000G	THREE PARALLEL [(3) 500 KCMIL + (1) #2/0 AWG GRD IN 3" CONDUIT]	1000NG	THREE PARALLEL [(4) 500 KCMIL + (1) #2/0 AWG GRD IN 3 1/2" CONDUIT
1200G	FOUR PARALLEL [(3) 350 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]	1200NG	FOUR PARALLEL [(4) 350 KCMIL + (1) #3/0 AWG GRD IN 3" CONDUIT]
1600G	FIVE PARALLEL [(3) 500 KCMIL + (1) #4/0 AWG GRD IN 3" CONDUIT]	1600NG	FIVE PARALLEL [(4) 500 KCMIL + (1) #4/0 AWG GRD IN 3 1/2" CONDUIT]
2000G	SIX PARALLEL [(3) 500 KCMIL + (1) 250 KCMIL GRD IN 3 1/2" CONDUIT]	2000NG	SIX PARALLEL [(4) 500 KCMIL + (1) 250 KCMIL GRD IN 3 1/2" CONDUIT]
2500G	SEVEN PARALLEL [(3) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDUIT]	2500NG	SEVEN PARALLEL [(4) 500 KCMIL + (1) 350 KCMIL GRD IN 3 1/2" CONDU
3000G	EIGHT PARALLEL [(3) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT]	3000NG	EIGHT PARALLEL [(4) 500 KCMIL + (1) 500 KCMIL GRD IN 3 1/2" CONDUIT

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\sim 4 Ш (Ω BID RENOVATIONS S SCHOOL YNE ð TIONS MA ADD ERN Ŋ STI HOOL Ň 111 3 ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JDM REVIEWED SMS 5-6394 PROJECT NO. _____ NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ POWER DISTRIBUTION ONE-LINE DIAGRAMS - BP2 E4.02.2

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P	ANELBOARD: EX.	PAN	IEL '	EB'									
	LOCATION: PREP RO	OM E124			DISTRIBUTI	RIBUTION SYSTEM: 208Y/120V 3PH 4W						AINS TYPE: MAIN LUG	
	MOUNTING: FLUSH					SCCR:	22KA				MAIN	IS RATING: 225 A	
	ENCLOSURE: TYPE 1				SU	PPLY FROM:							
I	PROVIDE WITH THE FOLLOWING:												
CIRCUIT	CIRCUIT DESCRIPTION	TRIP	POLES		Α		В		с	POLES	TRIP	CIRCUIT DESCRIPTION	
EB-1	ELECTRIC RANGE SOUTH - LIFE SKILLS	10.4	0	3,120	0								
EB-3	ROOM E125 (NOTE 1) (NOTE 2)	40 A	2			3,120	0			3	60 A	SPARE	
EB-5	ELECTRIC RANGE NORTH - LIFE SKILLS	10.4	2					3,120	0				
EB-7	ROOM E125 (NOTE 1) (NOTE 2)	40 A	2	3,120	1,200					1	20 A	MICROWAVE REC - LIFE SKILLS	
EB-9	ELECTRIC RANGE - STUDIO APARTMENT	10.4	0			3,120	1,200			1	20 A	MICROWAVE REC - LIFE SKILLS	
EB-11	(NOTE 1) (NOTE 2)	40 A	2					3,120	2,400		20.4		
EB-13	REF. REC - LIFE SKLS E125 (GFCI) (NOTE	. 20 A	1	1,800	2,400					2	30 A	DRYER - STUDIO APARTMENT	
EB-15	COUNTERTOP REC - LIFE SKILLS E125	20 A	1			360	0			1	20 A	EXISTING LOAD - UNIT VENT OF	
EB-17	DISHWASHER REC - LIFE SKILLS E125	20 A	1					180	1,500	1	20 A	WASHER REC - STUDIO APARTM	
EB-19	COUNTERTOP REC - LIFE SKILLS E125	20 A	1	360	180					1	20 A	COUNTERTOP REC - STUDIO AP	
EB-21	EXISTING LOAD - UNIT VENT	20 A	1			0	180			1	20 A	DISHWASHER REC - STUDIO APA	
EB-23	DISHWASHER REC - LIFE SKILLS E125	20 A	1					180	180	1	20 A	COUNTERTOP REC - STUDIO AP	
EB-25	EXISTING LOAD - WINDOW A/C ROOM 72	20 A	1	0	1,800					1	20 A	REFRIG REC - STUDIO APT (GFC	
EB-27	REF. REC - LIFE SKLS E125 (GFCI) (NOTE	. 20 A	1			1,800	540			1	20 A	RECEPTACLE - STUDIO APARTM	
EB-29	RECEPTACLE - ROOM E125, E125A	20 A	1					720	900	1	20 A	RECEPTACLE - SENSORY ROOM	
EB-31	RECEPTACLE - LIFE SKILLS ROOM E125	20 A	1	720	1,080					1	20 A	RECEPTACLE - OFFICE E123	
EB-33	COUNTERTOP REC PREP ROOM E124	20 A	1			180	1,200			1	20 A	MICROWAVE REC - STUDIO APA	
EB-35	COUNTERTOP REC PREP ROOM E124	20 A	1					180	0	1	20 A	SPARE	
EB-37	COUNTERTOP REC PREP ROOM E124	20 A	1	180	0					1	20 A	SPARE	
EB-39		20.4	2			0	0			1	20 A	SPARE	
EB-41	EXISTING LOAD - BCO	20 A	2					0	0	1	20 A	SPARE	
		PHA	SE LOAD:	15,9	60 VA	11,70	AV 00	12,4	80 VA			TOTAL CONNECT TOTAL CONNECTED (
NOTES: 1	. PROVIDE NEW CIRCUIT BREAKER. 2. CON	FIRM SIZ	E WITH EC	QUIPMENT	MANUFACTU	JRER.							

LOCATION: PREP ROOM E124 MOUNTING: FLUSH ENCLOSURE: TYPE 1 PROVIDE WITH THE FOLLOWING:					distributic Suf	ON SYSTEM: SCCR: PPLY FROM:	208Y/120V 22KA EX. PANEL	MAINS TYPE: MAIN LUG MAINS RATING: 100 A						
CIRCUIT		TRIP	POLES		۵		3		c	POLES	TRIP	CIRCUIT DESCRIPTIC		
EC-1	RECEPTACLE MEDIA CENTER E115	20 A	1	900	0	-	_			1	20 A			
EC-3	RECEPTACLE MEDIA CENTER E115	20 A	1			900	0			1	20 A	SPARE (NOTE 1)		
EC-5	EXISTING LOAD - CLOTHING LAB FLOOR	20 A	1					600	0	1	20 A	SPARE (NOTE 1)		
EC-7	EXISTING LOAD - CLOTHING LAB	20 A	1	600	0					1	20 A	SPARE		
EC-9	RECEPTACLE OFFICE E149	20 A	1			900	600			1	20 A	EXISTING LOAD - EX FAN SOU		
EC-11								1,600	0	1	20 A	SPARE		
EC-13	EXISTING LOAD - ROOM 69 VCU	20 A	2	1,600	1,800					1	15 A	EXISTING LOAD - ROOM 66A		
EC-15								1,600	1,600					
EC-17	EXISTING LOAD - ROOM 66A VCU	20 A	2					1,600	1,600	2	20 A	EXISTING LOAD - ROOM 71 VO		
EC-19	RECEPTACLE STORAGE E152	20 A	1	540	900					1	20 A	RECEPTACLE OFFICE E103		
EC-21	RECEPTACLE STORAGE E152	20 A	1			720	900			1	20 A	RECEPTACLE OFFICE E102		
EC-23	RECEPTACLE OFFICE E109	20 A	1					900	1,200	1	20 A	PHOTOCOPIER RECEPTACLE		
EC-25	RECEPTACLE PRINCIPAL E110	20 A	1	1,080	1,080					1	20 A	RECEPTACLE ROOM E101		
EC-27	RECEPTACLE ROOM E106, E112	20 A	1			540	1,080			1	20 A	RECEPTACLE LOBBY E101 RE		
EC-29	SPARE	20 A	1					0	0	1	20 A	SPARE		
EC-31	SPARE	20 A	1	0	0					1	20 A	SPARE		
EC-33	SPARE	20 A	1			0	0			1	20 A	SPARE		
EC-35	SPARE	20 A	1					0	0	1	20 A	SPARE		
EC-37	SPARE	20 A	1	0	0					1	20 A	SPARE		
EC-39	SPARE	20 A	1			0	0			1	20 A	SPARE		
EC-41	SPARE	20 A	1					0	0	1	20 A	SPARE		
		PHA	SE LOAD:	8,50	0 VA	8,84	0 VA	7,50	0 VA			TOTAL CONNE		

4	CIRCUIT
	EB-2
	EB-4
	EB-6
(NOTE 1)	EB-8
(NOTE 1)	EB-10
	EB-12
	EB-14
FICE	EB-16
MENT	EB-18
PARTMENT	EB-20
ARTMENT	EB-22
PARTMENT	EB-24
CI) (NOTE	EB-26
/IENT	EB-28
И E126	EB-30
	EB-32
RTMENT	EB-34
	EB-36
	EB-38
	EB-40
	EB-42
TED LOAD:	40.1 kVA
CURRENT:	111 A

I	CIRCUIT
	EC-2
	EC-4
	EC-6
	EC-8
H LAB	EC-10
	EC-12
U	EC-14
	EC-16
	EC-18
	EC-20
	EC-22
OBBY E101	EC-24
	EC-26
EPTION	EC-28
	EC-30
	EC-32
	EC-34
	EC-36
	EC-38
	EC-40
	EC-42
I	
ED LOAD:	24.8 kVA
CURRENT:	69 A

i	MOUNTING: STANDING ON 4" CONC. PAD ENCLOSURE: TYPE 1			SCCR: 65K/ UPPLY FROM: EX. 3	A SWITCHBOARD 'MSE	MAINS TYPE: MAIN LUG MAINS RATING: 1,200 A MAIN OCPD RATING: 1,200 A			
	PROVIDE WITH THE FOLLOWING:								
CIRCUIT	CIRCUIT DESCRIPTION		POLES	FRAME SIZE	TRIP RATING	Load		REMARKS	
1	PASS-THRU WARMER		3	30 A	30 A	0 VA			
2	COOLER COMPRESSOR		3	30 A	30 A	0 VA			
3	SERVING LINE NORTH		3	30 A	30 A	0 VA			
4	CIRCULATING PUMP		3	30 A	30 A	0 VA			
5	SERVING LINE SOUTH		3	30 A	30 A	0 VA			
6	EX. LOAD - NOT LABELED		3	30 A	30 A	0 VA			
7	CONVEYOR		3	30 A	30 A	0 VA			
8	DISHWASHER WEST END MOTORS		3	30 A	30 A	0 VA			
9			3	30 A	30 A	0 VA			
10			3	30 A	30 A	0 VA			
11			3	30 A	30 A	0 VA			
12			3	60 A	60 A	0 VA			
13			3	60 A	60 A	0 VA			
14			3	60 A	60 A				
15	KETTLE EAST		3	60 A	60 A				
10	RANGEWEST		3	100 A	100 A				
18			3	100 A	100 A				
10	OVEN NORTH		3	100 A	100 A				
20			3	100 A	100 A	0 VA			
	PANEL 'D141'		3	200 A	200 A	0 VA			
27	RANGE FAST		3	100 A	100 A	0 VA			
23	PANELLA		1	100 A	100 A	0 VA			
24	PANELLB		1	200 A	200 A	0 VA			
25	STEAMER		3	200 A	200 A	0 VA			
26	BOOSTER HEATER		3	200 A	200 A	0 VA			
27	WINDOW AIR CONDITIONER PANEL WEST		3	200 A	200 A	0 VA			
28	EX. LOAD - NOT LABELED		3	200 A	200 A	0 VA			
29	SERVING LINE LOAD CENTER		2	100 A	100 A	0 VA			
30	SPARE		3	30 A	30 A	0 VA			
31	SPARE		3	30 A	30 A	0 VA			
32	SPARE		3	60 A	60 A	0 VA			
33	SPARE		3	60 A	60 A	0 VA			
34	SPARE		3	60 A	100 A	0 VA			
35	PREPARED SPACE		1						
36	PREPARED SPACE		1						
AD CLAS	SIFICATION	CONNECTED LOAD		DEMAND FACTOR	ESTIMATED	DEMAND		SWITCHBOARD TOTA	
							IUIA		



#2 ШO \mathbf{O} 4 Δ BID RENOVATIONS SCHOOLS WAYNE Š ITIONS ADD ERN S S Ō Ш Ο 3 U. 111 Ш S Ш 3 _____ ISSUANCES 04.15.2025 BIDS & CONSTRUCTION DRAWN JDM REVIEWED SMS PROJECT NO. 5-6394 NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY FORM OR BY ANY MEANS, OR STORED IN A DATA BASE OR RETRIEVAL SYSTEM, WITHOUT PRIOR WRITTEN PERMISSION OF GMB COPYRIGHT © 2025 ALL RIGHTS RESERVED _____ POWER DISTRIBUTION EQUIPMENT SCHEDULES -BP2 E5.01.2



					LIGHTING CONTROL INTENT	NARRATIVE (CIN) SCHEDULE							
			(CONTROL FUNCTION DESCRIPTIONS (ASHRAE/IES 90.1-2013 RI	EFERENCE)					INTEGRATION (REF	ER TO SECTION 26 09 43)		
NARRATIVE I.D.	DESCRIPTION	LOCAL CONTROL (9.4.1.1[a])	ON MODE (9.4.1.1[b,c])	BI-LEVEL LIGHTING CONTROL (9.4.1.1[d])	DAYLIGHT RESPONSIVE CONTROLS (9.4.1.1[e.f])	OFF MODE (9.4.1.1[g.h.i])	NETWORK TYPE (REI	FER TO SECTION 26 09 43)	HVAC EQUIPMENT / BUILDING M SYSTEM (OCCUPANCY STATUS SPE	NAGEMENT / TEMPERATURE CONTROL DUTPUT, PLUS OTHER FUNCTIONS PER CIFICATION)	RESTORE EGRESS LIGHTIN	G UPON FIRE ALARM CONDITION	ADDITIONAL NOTES
							ROOM-BASED	BUILDING-WIDE	LOCAL ROOM INTERFACE (CONTA CLOSURE)	CT CENTRAL GATEWAY PROTOCOL INTERFACE VIA NLCS BACKBONE NETWORK	LOCAL ROOM INTERFACE (CONTAC CLOSURE)	T CENTRAL GATEWAY PROTOCOL INTERFACE VIA NLCS BACKBONE NETWORK	
CIN-01	TYPICAL OCCUPIABLE ROOM	WALL SWITCH(ES) (ON / OFF / DIM UP / DIM DOWN) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S)	MANUAL ON VIA LOCAL WALL CONTROL(S)	0-10VDC CONTINUOUS DIMMING OF LIGHTING WITHIN ONE OR MORE CONTROL ZONES; REFER TO PLAN (SINGLE CONTROL ZONE UNLESS OTHERWISE SHOWN	WHERE INDICATED, OPEN-LOOP PHOTOCONTROL(S) AUTOMATICALLY REDUCE THE ELECTRIC LIGHTING WITHIN EACH PRIMARY/SECONDARY SIDELIGHTING AND/OR ROOF MONITOR DAYLIGHT ZONE VIA 0-10VDC CONTINUOUS DIMMING	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 20-MINUTE TIMEOUT PERIOD	x			X			
CIN-02	PUBLIC TRANSITION SPACE	LINE-VOLTAGE LOCKING TOGGLE SWITCH(ES) (SECTION 26 27 26) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S), CONNECT ON LOAD SIDE OF AUTOMATIC LIGHTING CONTROL DEVICES	AUTOMATIC ON VIA OCCUPANCY SENSOR	N/A	N/A	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 20-MINUTE TIMEOUT PERIOD		x		Х		x	
CIN-06	ELECTRICAL / MECHANICAL	LINE-VOLTAGE TOGGLE SWITCH(ES) (SECTION 26 27 26) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S)	MANUAL VIA SWITCH	N/A	N/A	MANUAL VIA SWITCH	N/A	N/A	N/A	N/A	N/A	N/A	NO AUTOMATIC LIGHTING CONTROLS
CIN-07	RESTROOM, MULTIPLE OCCUPANCY	LINE-VOLTAGE LOCKING TOGGLE SWITCH(ES) (SECTION 26 27 26) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S), CONNECT ON LOAD SIDE OF AUTOMATIC LIGHTING CONTROL DEVICES	AUTOMATIC ON VIA OCCUPANCY SENSOR	N/A	N/A	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 20-MINUTE TIMEOUT PERIOD	x			Х			
CIN-09	STORAGE, >= 50 SQ. FT.	WALL SWITCH(ES) (ON / OFF) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S)	MANUAL ON VIA LOCAL WALL CONTROL(S)	N/A	N/A	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 15-MINUTE TIMEOUT PERIOD	x			Х			
CIN-09A	STORAGE, >= 50 SQ. FT.	LINE-VOLTAGE WALL-BOX OCCUPANCY SENSOR (SECTION 26 09 23), REFER TO PLAN FOR LOCATION(S)	MANUAL ON VIA LOCAL WALL CONTROL(S)	N/A	N/A	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 15-MINUTE TIMEOUT PERIOD							
CIN-09B	STORAGE, >= 50 SQ. FT.	WALL SWITCH(ES) (ON / OFF / DIM UP / DIM DOWN) AT ONE OR MORE LOCATIONS WITHIN SPACE; REFER TO PLAN FOR LOCATION(S)	MANUAL ON VIA LOCAL WALL CONTROL(S)	0-10VDC CONTINUOUS DIMMING OF LIGHTING WITHIN ONE OR MORE CONTROL ZONES; REFER TO PLAN (SINGLE CONTROL ZONE UNLESS OTHERWISE SHOWN) N/A	AUTOMATIC FULL OFF UPON SPACE VACANCY VIA SENSOR(S), SET FOR 20-MINUTE TIMEOUT PERIOD	x			X			
	EXTERIOR LIGHTING, SITE POLES												CONTROL VIA BMS ON AT SUNSET WITH ASTRONOMIC TIME SCHEDULE (WITH USER ADJUSTABLE OFFSET +/- 30 MIN.) OFF AT MIDNIGHT ON AT 6:00 A.M. OFF AT SUNRISE WITH ASTRONOMIC TIME SCHEDULE (WITH USER ADJUSTABLE OFFSET +/- 30 MIN.) PROVIDE ABILITY FOR USER TO INITIATE MANUAL OR SCHEDULED OVERRIDE ON PERIOD.
	EXTERIOR LIGHTING, BUILDING-MOUNTED (AND FLAGPOLE LIGHTING IF PRESENT)												CONTROL VIA BMS ON AT SUNSET WITH ASTRONOMIC TIME SCHEDULE (WITH USER ADJUSTABLE OFFSET +/- 30 MIN.) OFF AT SUNRISE WITH ASTRONOMIC TIME SCHEDULE (WITH USER ADJUSTABLE OFFSET +/- 30 MIN.) PROVIDE ABILITY FOR USER TO INITIATE MANUAL OR SCHEDULED OVERRIDE ON PERIOD.

			LIGHTING FIXTURE	SCHEDULE							
			APPROVED MANUFACTURERS & CATALOG NUMBERS				LIGHT S	OURCE		INPUT	INPUT
TYPE / TAO	DESCRIPTION	BASIS	EQUIVALENT #1	EQUIVALENT #2	FINISH	MOUNTING	MIN. DELIVERED LUMENS	TYPE	DRIVER / BALLAST TYPI	VOLTAGE E (V)	E POWER (W) NOTES
A2	2'X4' RECESSED LED FLAT PANEL, FULLY-LUMINOUS DIFFUSE ACRYLIC LENS FRAMED IN EXTRUDED ALUMINUM BEZEL, DLC QUALIFIED	LITHONIA: CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	COLUMBIA: CBT24-B-LSCS-EDD-34	METALUX: 24CGT4540C	WHITE	RECESSED IN ACOUSTICAL GRID CEILING	3300	4000K LED	0-10V DIMMIN	G 120 V	28
A2E	2'X4' RECESSED LED FLAT PANEL, FULLY-LUMINOUS DIFFUSE ACRYLIC LENS FRAMED IN EXTRUDED ALUMINUM BEZEL, DLC QUALIFIED, EMERGENCY BATTERY	LITHONIA: CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	COLUMBIA: CBT24-B-LSCS-EDD-34	METALUX: 24CGT4540C EL14W	WHITE	RECESSED IN ACOUSTICAL GRID CEILING	3300	4000K LED	0-10V DIMMINO	G 120 V	28
A3	1'x4' RECESSED LED FLAT PANEL, FULLY-LUMINOUS DIFFUSE ACRYLIC LENS FRAMED IN EXTRUDED ALUMINUM BEZEL, DLC QUALIFIED	LITHONIA: CPX-1X4-AL07-80CRI-SWW7-SWL-MVOLT	COLUMBIA: CBT24-B-LSCS-EDD-34	METALUX: 14CGT4040C	WHITE	RECESSED IN ACOUSTICAL GRID CEILING	4094	4000K LED	0-10V DIMMINO	G 120 V	36
B3	<varies></varies>	<varies></varies>	COLUMBIA: MPS4-40VW-CW-ED1U	METALUX: 4SNX-31SL-SLW-UNV-L840-CD1-U	WHITE	SURFACE MOUNT OR SUSPENDED, REFER TO DRAWING	3061	4000K LED	0-10V DIMMIN	G 120 V	18
B3E	X' LENGTH INDUSTRIAL LED LUMINAIRE, EMERGENCY BATTERY	LITHONIA: CLX L48 4000LM SEF FDL MVOLT GZ1 40K 80CRI	COLUMBIA: MPS4-40VW-CW-ED1U	METALUX: 4SNX-31SL-SLW-UNV-L840-CD1-U	WHITE	SURFACE MOUNT OR SUSPENDED, REFER TO DRAWING	3061	4000K LED	0-10V DIMMIN	G 120 V	18
D1	6" RECESSED ROUND LIGHT FIXTURE	GOTHAM: EVO6-30-40-AR-LSS-MD-MVOLT-GZ10-NLT			WHITE	RECESSED IN CEILING	3000	4000K LED	0-10V DIMMIN	G 120 V	30
E1	EMERGENCY LIGHTING UNIT, AIMABLE OPTICS, BATTERY OPERATED	LITHONIA: ELM2L SDRT	COMPASS: CU2SD	COOPER: SELHP100R3SD	WHITE	WALL MOUNTED AT 7' - 6" AFF	N/A	N/A	N/A	120 V	2.4
EX.	REUSE EXISTING 2'X4' FIXTURES									120 V	
EX. EM	REUSE EXISTING 2'X4' FIXTURES PROVIDE WITH NEW 10W (MINIMUM) BATTERY PACK									120 V	
F1	6" RECESSED ROUND FIXTURE, MEDIUM BEAM DISTRIBUTION, WET LOCATION LISTED, SHALLOW HOUSIN	IG GOTHAM: IVO6S D 15LM 40K 80CRI MD MIN10 MVOLT ZT WL P AR LSS F	PRESCOLITE: LBRP-M-LS-ML-CS9-WD LBRP-6RD-T-D	PORTFOLIO: LDS6C 30 D010 6LB S 1 H	WHITE	RECESSED IN CEILING	2700	4000K LED	0-10V DIMMIN	G 120 V	25
G1	LED HIGH BAY, MINIMUM 10% UPLIGHT, FROSTED PRISMATIC LENS, WIDE DISTRIBUTION, WIRE GUARD OF IMPACT RESISTANT LENS,	R HOLOPHANE: PHG-36000-SEF-WGG-MVOLT-40K-80CRI-PM	CREE: VUE-A-UV-24L-40K8-M-UL-10V	METALUX: SSLED LD5 24 M UNV L840 CD 2	WHITE	SUSPENDED FROM EXPOSED CEILING STRUCTURE	24000	4000K LED	0-10V DIMMINO	G 120 V	185
G1E	SAME AS G1 BUT WITH EMERGENCY BATTERY	HOLOPHANE: PHG-36000-SEF-WGG-MVOLT-40K-80CRI-PM	CREE: VUE-A-UV-24L-40K8-M-UL-10V	METALUX: SSLED LD5 24 M UNV L840 EL20WREM CD 2	WHITE	SUSPENDED FROM EXPOSED CEILING STRUCTURE	24000	4000K LED	0-10V DIMMIN	G 120 V	185
L2	<varies></varies>	<varies></varies>	<varies></varies>	<varies></varies>	WHITE	<varies></varies>	3061	4000K LED	0-10V DIMMIN	G 120 V	18
L2E	XX' LENGTH SUSPENDED LINEAR FIXTURE WITH BATTERY BACKUP, EXTRUDED ALUMINUM BODY, FLUSH LENS, DIRECT/INDIRECT OPTICS, EMERGENCY BATTERY	FINELITE: HP-X-P-ID-XX'-S-B-840-TG-F-277-SC-FC-10%-FE-SW-LGD10	LITECONTROL: 2L-P-ID-STD-XX'-08-SOF-C1-40K9-I070-D030-D01-2CUNV-FA	LUMENWERX: VIA4 DI HLO FH WIO2 SW 80CRI 750LMF 350LM 1 40K XFTXIN UNV D1 1C XEMB ACS W	FWHITE	SUSPENDED AT 14' - 0" AFF	3061	4000K LED	0-10V DIMMIN	G 120 V	18
W1	WALL MOUNT LED AREA LIGHT, DIE CAST, ALUMINUM HOUSING, TRAPEZOIDAL, ZERO UPLIGHT, TYP IV DISTRIBUTION, WET LOCATION LISTED	LITHONIA: WDGE2-P3-40K-80CRI-VW-MVOLT-SRM-DBLXD	HUBBELL: TRP2-24L-50-4K7-4-UNV-BLT	MCGRAW EDISON:1ST-SA1-D-740-U-T4FT-BK	BLACK	WALL MTD ON EXTERIOR AT 7' - 6" AFF UNLESS NOTED OTHERWISE	5800	4000K LED	INTEGRAL	120 V	15
W2	4' WALL MOUNTED LED, VANDAL RESISTANT	KENALL: N548W-P-1-25L40K-DV	NEW-STAR: VIC 4 N L2 40 1C RW UN WH	FAILSAFE: HVSL2 SQ 4 LD4 STD 40 UNV O EDD1	WHITE	WALL MTD AT 7' - 6" UNLESS NOTED OTHERWISE	3429	4000K LED	INTEGRAL	120 V	28
W2E	4' WALL MOUNTED LED, VANDAL RESISTANT, EMERGENCY BATTERY	KENALL: N548W-P-1-25L40K-DV	NEW-STAR: VIC 4 N L2 40 1C RW UN WH	FAILSAFE: HVSL2 SQ 4 LD4 STD 40 UNV O EDD1 EL10W	WHITE	WALL MTD AT 7' - 6" UNLESS NOTED OTHERWISE	3429	4000K LED	INTEGRAL	120 V	28
X1	EXIT SIGN, DIE-CAST HOUSING, SINGLE FACE, UL924 LISTING, ARROWS AND MOUNTINGS SHOWN ON DRAWINGS	DUAL-LITE: SESRW	LITHONIA: LE-S-W-1-R	SURE-LITES: CX61WH	WHITE HOUSING, WHITE FACE	SURFACE ON CEILING OR WALL; REFER TO DRAWINGS FOR CONFIGURATION/ORIENTATION	N/A	RED LED	INTEGRAL	120 V	2 1
X1E	EXIT SIGN, DIE-CAST HOUSING, SINGLE FACE, EMERGENCY BATTERY OPERATION, SELF-DIAGNOSTIC, UL LISTING, ARROWS AND MOUNTINGS SHOWN ON DRAWINGS	92 DUAL-LITE: SESRWEI	LITHONIA: LE-S-W-1-R-EL N-SD	SURE-LITES: CX71WHSD	WHITE HOUSING, WHITE FACE	SURFACE ON CEILING OR WALL; REFER TO DRAWINGS FOR CONFIGURATION/ORIENTATION	N/A	RED LED	INTEGRAL	120 V	3 2
X2	EXIT SIGN, DIE-CAST HOUSING, DOUBLE FACE, UL924 LISTING, ARROWS AND MOUNTINGS SHOWN ON DRAWINGS	DUAL-LITE: SEDRW	LITHONIA: LE-S-W-2-R	SURE-LITES: CX62WH	WHITE HOUSING, WHITE FACE	SURFACE ON CEILING OR WALL; REFER TO DRAWINGS FOR CONFIGURATION/ORIENTATION	N/A	RED LED	INTEGRAL	120 V	2 1
X2E	EXIT SIGN, DIE-CAST HOUSING, DOUBLE FACE, EMERGENCY BATTERY OPERATION, SELF-DIAGNOSTIC, U LISTING, ARROWS AND MOUNTINGS SHOWN ON DRAWINGS	L929UAL-LITE: SEDRWEI	LITHONIA: LE-S-W-2-R-EL N-SD	SURE-LITES: CX72WHSD	WHITE HOUSING, WHITE FACE	SURFACE ON CEILING OR WALL; REFER TO DRAWINGS FOR CONFIGURATION/ORIENTATION	N/A	RED LED	INTEGRAL	120 V	3 2



SPACE I.D.	SPACE TYPE (ASHRAE/IES 90.1 TABLE 9.6.1)
	OFFICE - ENCLOSED 250 SE OR LESS
	OFFICE - ENGLOSED, 250 SF OR LESS
THLETIC DIRECTOR OFFICE	LAUNDRY/WASHING AREA
A112 A.I. ROOM	OFFICE - ENCLOSED, GREATER THAN 250SF
A119 COACH OFFICE	OFFICE - ENCLOSED, 250 SF OR LESS
A138 P.E OFFICE	OFFICE - ENCLOSED, 250 SF OR LESS
A143 OFFICE	OFFICE - ENCLOSED, 250 SF OR LESS
45 STUDIO APARTMENT	<building></building>
150 COACHES OFFICE	OFFICE - ENCLOSED, 250 SF OR LESS
A152 COACH OFFICE	OFFICE - ENCLOSED, 250 SF OR LESS
D127 SICK BAY	HEALTHCARE - RECOVERY
D128 NURSE	HEALTHCARE - NURSE'S STATION
D129 HEALTH	HEALTHCARE - EXAM/TREATMENT
E101 LOBBY	
	STORAGE - 50 SF TO 1000 SF
E109 OFFICE	STORAGE - 50 SF TO 1000 SF
E110 PRINCIPAL	STORAGE - 50 SF TO 1000 SF
E115 MEDIA CENTER	LIBRARY - READING AREA
E123 OFFICE	STORAGE - 50 SF TO 1000 SF
E124 PREP ROOM	STORAGE - 50 SF TO 1000 SF
125 LIFE SKILLS ROOM	CLASSROOM/LECTURE/TRAINING
126 SENSORY ROOM	CLASSROOM/LECTURE/TRAINING
	>Duilaing>
A 40 4 1 / 20 -	
A101 VEST.	CORRIDOR
A102 HALL	CORRIDOR
A117 Space	CORRIDOR
A130 VEST	CORRIDOR
A131 CORRIDOR	CORRIDOR
A132 VEST	CORRIDOR
A102 VEST.	CORRIDOR
A 192 Space	CORRIDOR
E106 HALL	<building></building>
S-1 STAIRS	STAIRWELL
S-2 STAIRS	STAIRWELL
129 ELECTRICAL ROOM	ELECTRICAL/MECHANICAL
D116 RT ACCESS	STORAGE - LESS THAN 50 SF
07 REF LOCKER ROOM	LOCKER ROOM
IS BASKETBALL LOCKER ROOM	LOCKER ROOM
A111 TOILET	LOCKER BOOM
PLS VARSITY LOCKER ROOM	
	LOCKER ROOM
A120 TOILET	LUCKER ROOM
133 WOMEN'S TOILET	RESTROOMS
A134 MEN'S TOILET	RESTROOMS
A136 LOCKER ROOM	LOCKER ROOM
A137 LOCKER ROOM	LOCKER ROOM
A149 TOILET	LOCKER ROOM
A153 SHOWER	LOCKER ROOM
A154 SHOWFR	LOCKER ROOM
A155 MEN'S TOIL FT	
	LOCKER ROOM
	LOCKER ROOM
A156 SHOWER A157 SHOWER	LOCKER ROOM LOCKER ROOM LOCKER ROOM
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS
A156 SHOWER A157 SHOWER 158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER .158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER .158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE CONCESSIONS STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A126 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE A126 STORAGE A126 STORAGE A135 CUSTODIAL	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE A126 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE A126 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D113 MUSIC STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A126 STORAGE A125 CUSTODIAL A151 STORAGE D113 MUSIC STORAGE D114 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE A123 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A123 STORAGE A123 STORAGE A126 STORAGE A125 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - GREATER THAN 1000 SF STORAGE - GREATER THAN 1000 SF STORAGE - GREATER THAN 1000 SF STORAGE - STORAGE - LESS THAN 50 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A123 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D113 MUSIC STORAGE D114 STORAGE D115 STORAGE E112 FILES	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - GREATER THAN 1000 SF STORAGE - GREATER THAN 1000 SF STORAGE - LESS THAN 50 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D113 MUSIC STORAGE D114 STORAGE D115 STORAGE E112 FILES	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A126 STORAGE A126 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A106 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A106 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A123 STORAGE A124 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A158 WOMEN'S TOILET A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A120 STORAGE A123 STORAGE CONCESSIONS STORAGE A126 STORAGE A126 STORAGE D113 MUSIC STORAGE D114 STORAGE D115 STORAGE E112 FILES A110 STORAGE A121 STORAGE A121 STORAGE A123 STORAGE E152 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF
A156 SHOWER A157 SHOWER A157 SHOWER A159 SHOWER A163 Space D150 TOILET D151 TOILET E125A TOILET 04 ATHLETIC STORAGE A106 STORAGE A126 STORAGE A126 STORAGE A135 CUSTODIAL A151 STORAGE D114 STORAGE D115 STORAGE D115 STORAGE E112 FILES A110 STORAGE A120 STORAGE A121 STORAGE E112 STORAGE A121 STORAGE A121 STORAGE A123 STORAGE A120 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A120 STORAGE A120 STORAGE A121 STORAGE A120 STORAGE A121 STORAGE A121 STORAGE A121 STORAGE A120 STORAGE	LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM LOCKER ROOM RESTROOMS RESTROOMS RESTROOMS RESTROOMS STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF STORAGE - 50 SF TO 1000 SF STORAGE - 6REATER THAN 1000 SF STORAGE - 50 SF TO 1000 SF

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

- A. MODEL NUMBERS GIVEN IN THIS SCHEDULE MAY NOT INCLUDE ALL OPTIONS AND ACCESSORIES AS NECESSARY TO MEET THE REQUIREMENTS OF THE DESCRIPTION AND SPECIFICATIONS.
- B. CONTRACTOR SHALL PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR EACH FIXTURE TYPE. COORDINATE WITH CEILING TYPES AND MOUNTING LOCATIONS.
- C. ALL FINISHES SHALL BE CHOSEN FROM THE MANUFACTURER'S CATALOGED/STANDARD OPTIONS UNLESS OTHERWISE NOTED.
- D. ALL INTERIOR LIGHT SOURCES SHALL HAVE COLOR RENDERING INDEX RATING OF 80 OR GREATER. ALL EXTERIOR LIGHT SOURCES SHALL HAVE COLOR RENDERING INDEX RATING OF 70 OR GREATER.
- E. ALL FIXTURES SHALL BE SUPPLIED WITH UNIVERSAL VOLTAGE INPUT (120/277V) WHERE AVAILABLE FROM THE MANUFACTURER. VOLTAGE LISTED IN THE SCHEDULE IS INTENDED UTILIZATION VOLTAGE.
- F. REFER TO THE PLAN DRAWINGS FOR LOCATIONS OF EMERGENCY-DUTY F. REPERTO THE PLAN DRAWINGS FOR LOCATIONS OF EMERGENCI-DUTY FIXTURES, INCLUDING FIXTURES WITH MULTIPLE CIRCUITS AND/OR EMERGENCY-DUTY SUBSECTIONS. ALL EMERGENCY-DUTY FIXTURES SHALL BE WIRED AND CIRCUITED PER NEC ARTICLE 700 RULES.
- G. TO MAINTAIN A UNIFORM AND COORDINATED APPEARANCE ACROSS THE PROJECT, ONLY ONE APPROVED MANUFACTURER SHALL BE SELECTED FOR MULTIPLE FIXTURE TYPES AMONG WHICH A SIMILAR STYLE OR SERIES IS INTENDED. NON-CONFORMANCE SHALL BE JUDGED AT THE ENGINEER'S DISCRETION AND MAY REQUIRE CONTRACTOR'S RESELECTION OF SOME TYPES WITHIN THE LIST OF APPROVED MANUFACTURERS.
- H. A BREAK-OUT COST SHALL BE MADE AVAILABLE TO THE BIDDING CONTRACTOR(S) FOR ANY FIXTURE TYPES WHICH LIST A SINGLE PRODUCT. THIS PRICING SHALL BE FURNISHED TO THE ARCHITECT/ENGINEER, CONSTRUCTION MANAGER, AND/OR OWNER UPON REQUEST.

LIGHTING FIXTURE SCHEDULE LINE ITEM NOTES:

- FROM EMERGENCY LIGHTING CONTROL DEVICES SHALL BE WIRED WITH SUFFLY FROM EMERGENCY LIGHTING CIRCUIT, AND FROM NORMAL/UTILITY LIGHTING CIRCUIT, BOTH LINE AND LOAD SIDE OF RESPECTIVE CONTROL DEVICE(S) FOR THE LIGHTING CONTROL ZONE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- EMERGENCY LIGHTING UNIT EQUIPMENT (INCLUDING BATTERY PACKS, EXIT SIGNS, INVERTERS, ETC.) SHALL HAVE 5-YEAR MANUFACTURER WARRANTY, TEST SWITCH AND CHARGE INDICATOR LIGHT. PROVIDE UNSWITCHED HOT CONDUCTOR FROM RESPECTIVE LOCAL LIGHTING CIRCUIT TO THE BATTERY.
- COORDINATE EXACT LOCATIONS OF FIXTURES IN UTILITY ROOMS WITH EQUIPMENT, DUCTWORK, PIPING, ETC. IN FIELD TO ACHIEVE UNIFORM ILLUMINATION. 4. PROVIDE FEED POINT ON ENTIRE TRACK SYSTEM ARRANGEMENT WITH 3A
- CURRENT LIMITER DEVICE AS REQUIRED FOR NEC COMPLIANCE. 5. PROVIDE FEED POINT ON ENTIRE TRACK SYSTEM ARRANGEMENT WITH 12A CURRENT LIMITER DEVICE AS REQUIRED FOR NEC COMPLIANCE.





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04.15.2025 BIDS & CONSTRUCTION

DRAWN JDM REVIEWED SMS

PROJECT NO.

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_____ LIGHTING FIXTURE SCHEDULE - BP2

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