# **DISTRICT WAREHOUSE BID** PACKAGE #2 Independence School District 14001 East 32nd Street Independence, MO 64055

# **CONSTRUCTION DOCUMENTS**

### **INDEX OF DRAWINGS**

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SECOND FLOOR ELECTRICAL DEMOLITION PLAN

ELECTRICAL

**E60**1 ELECTRICAL DETAILS 

ALL DEMOLITION, ARCHITECTRAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION ETC. TO BE COMPLETED AS PART OF PACKAGE #2 ALL CIVIL DRAWINGS ARE PROVIDED FOR REFERENCE & COORDINATION ONLY AND WILL BE BID AT A LATER DATE.

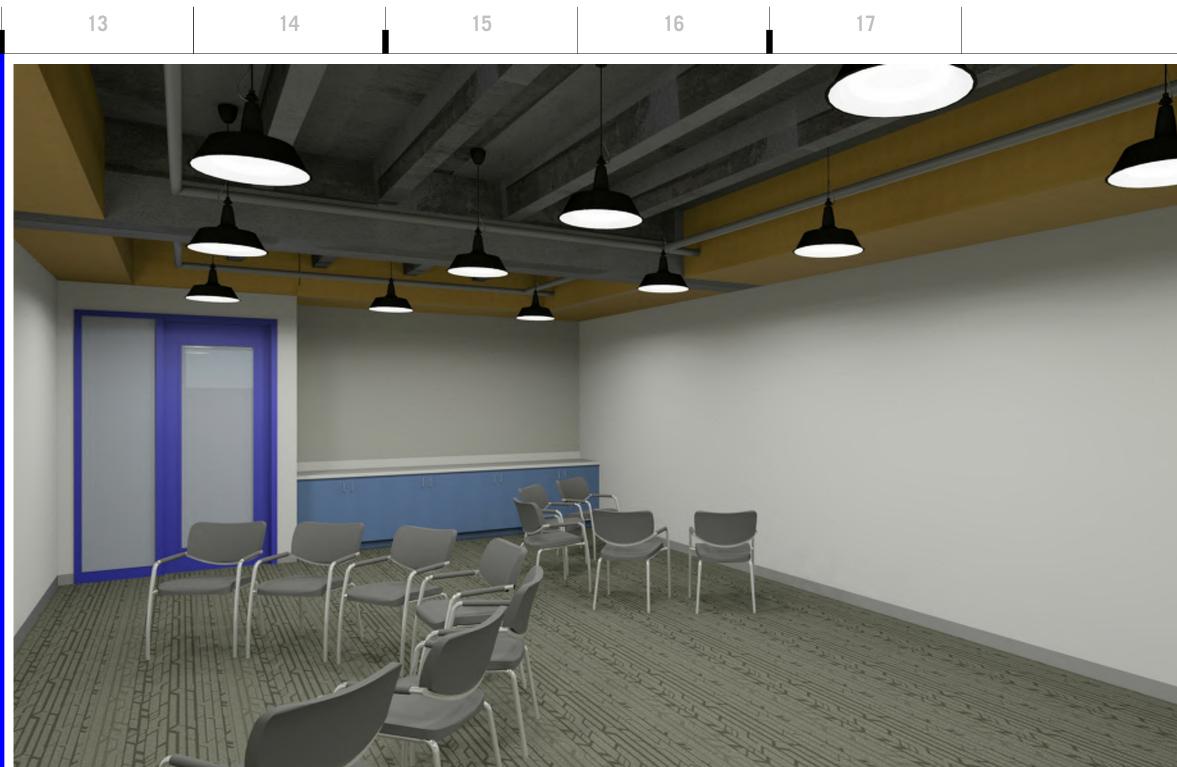
# ALTERNATES

ALTERNATE #1 OMIT PAINTING AT ALL WALLS / CEILINGS AT FOOD STORAGE 1, FOOD STORAGE 2, STORAGE BAY 1, STORAGE BAY 2 AND STORAGE BAY 3 AS NOTED ON ROOM FINISH SCHEDULE ON SHEET A002 BASE BID: PROVIDE ALL FINISHES AS NOTED ON THE FOOR FINISH SCHEDULE

ALTERNATE #2 PAINT BUILDING EXTERIOR - ALL SURFACES (EFIS, METAL PANELS, CMU ETC. ALL NEW PREFINISHED METAL GUTTERS AND DOWNSPOUTS ARE NOT TO BE PAINTED AND SHALL REMAIN / PROTECT BASE BID: EXISTING EXTERIOR SURFACES ARE TO REMAIN AS THEY ARE WITH NO PAINTING.

FIRST FLOOR LIGHTING NEW WORK PLAN SECOND FLOOR LIGHTING NEW WORK PLAN FIRST FLOOR ELECTRICAL NEW WORK PLAN SECOND FLOOR ELECTRICAL NEW WORK PLAN ELECTRICAL ONE-LINE AND RISER DIAGRAMS ELECTRICAL SCHEDULES

## **BID PACKAGE #2 GENERAL SCOPE OF WORK**

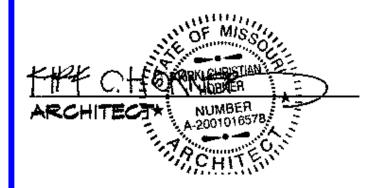


# **STATEMENT OF RESPONSIBILITY**

HEREBY STATE THAT THE DRAWINGS INTENDED TO BE AUTHENTICATED BY MY SEAL ARE LIMITED TO THE FOLLOWING DRAWING SHEETS

G000, G001, D101, D102, A001, A002, A003, A101, A102, A110, A120, A210, A400, A600

HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, ESTIMATES, REPORTS AND OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.



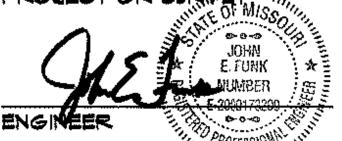
TTO 04,2010 DATE

# STATEMENT OF RESPONSIBILITY

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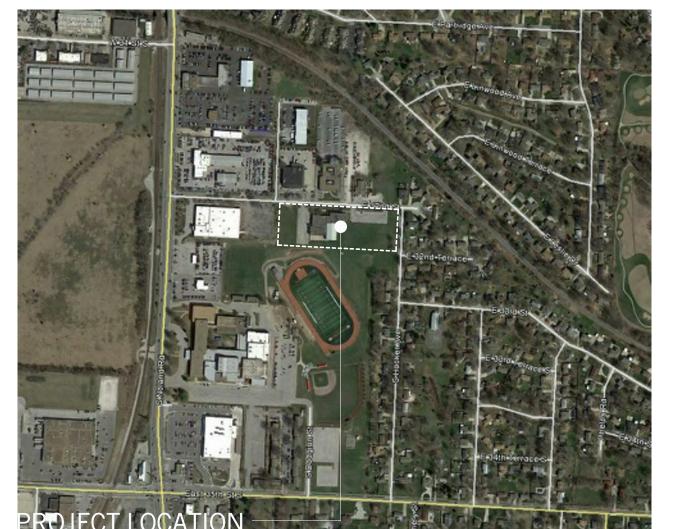
5000, 5001, 5110

HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, ESTIMATES, REPORTS AND OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY



2/4/16 DATE

# VICINITY MAP



# **DESIGN TEAM**

ARCHITECTURAL DESIGN Hollis + Miller Architects 220 NM Executive May Lee's Summit, MO 64063 CONTACT: Grant Thome PHONE: (816) 525-5600 FAX: (913) 451-0220

### CIVIL ENGINEERS:

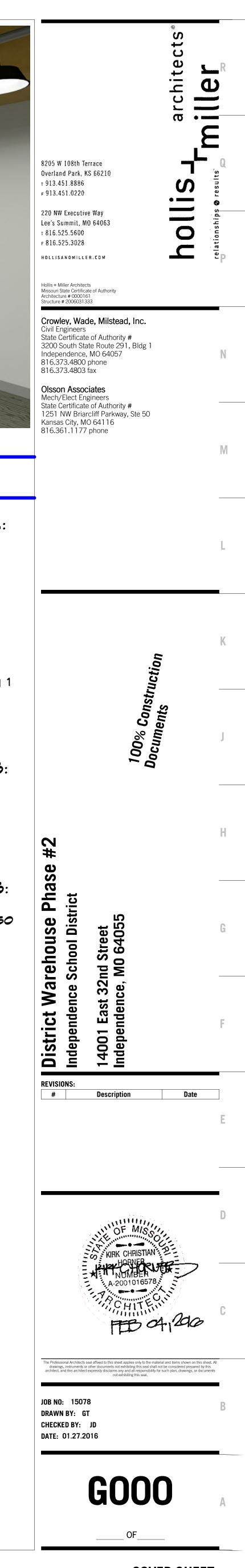
Crowley, Wade, Milstead, Inc. 3200 South State Route 291, Bldg 1 Independence, MO 64057 CONTACT: Aaron Barnhart PHONE: (816) 373-4800 FAX: (816) 373-4803

### STRUCTURAL ENGINEERS:

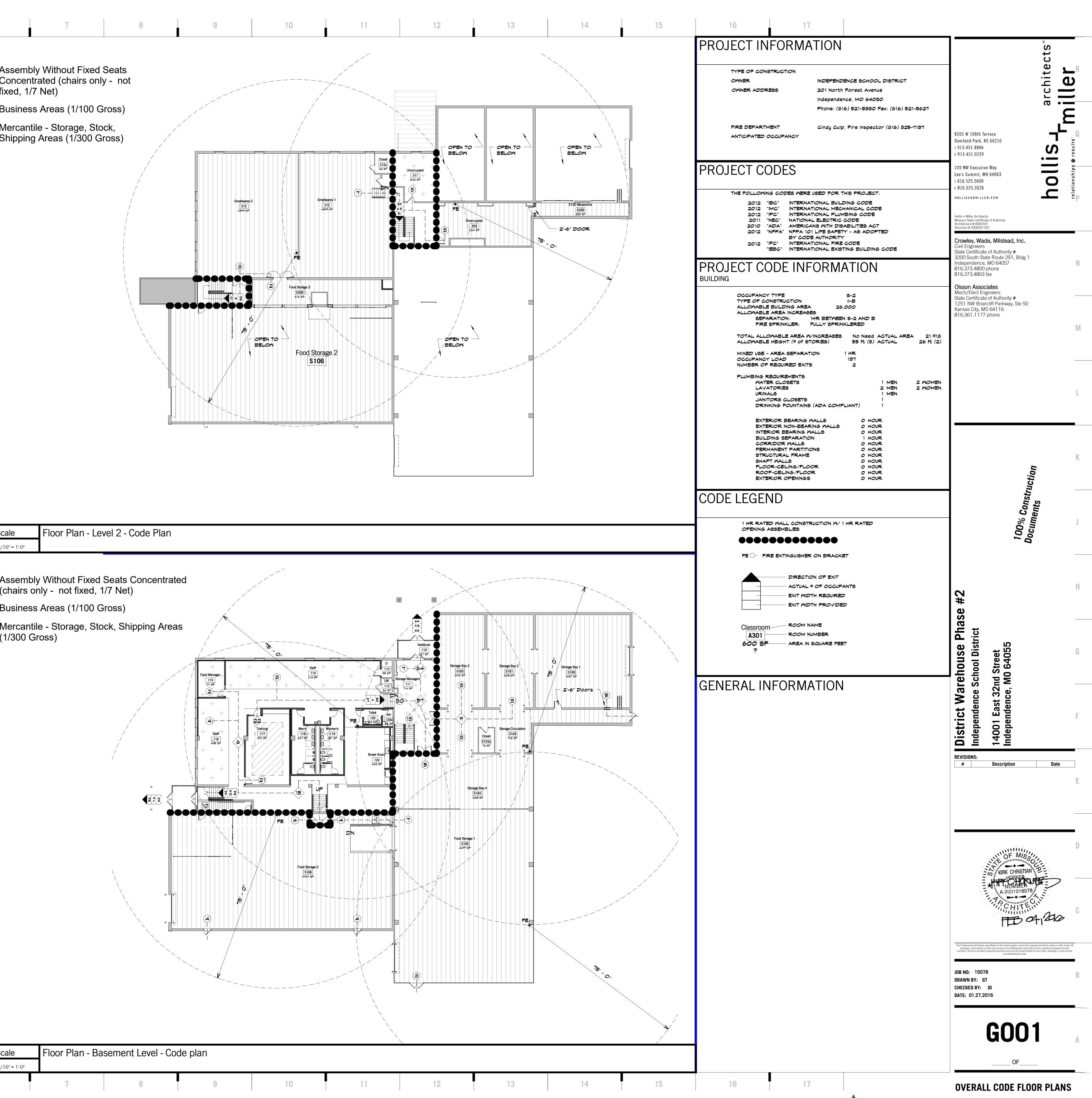
Hollis + Miller Architects 220 NM Executive May Lee's Summit, MO 64063 CONTACT: Joshua Thorpe PHONE: (816) 525-5600 FAX: (913) 451-0220

### MECH/ELECT ENGINEERS:

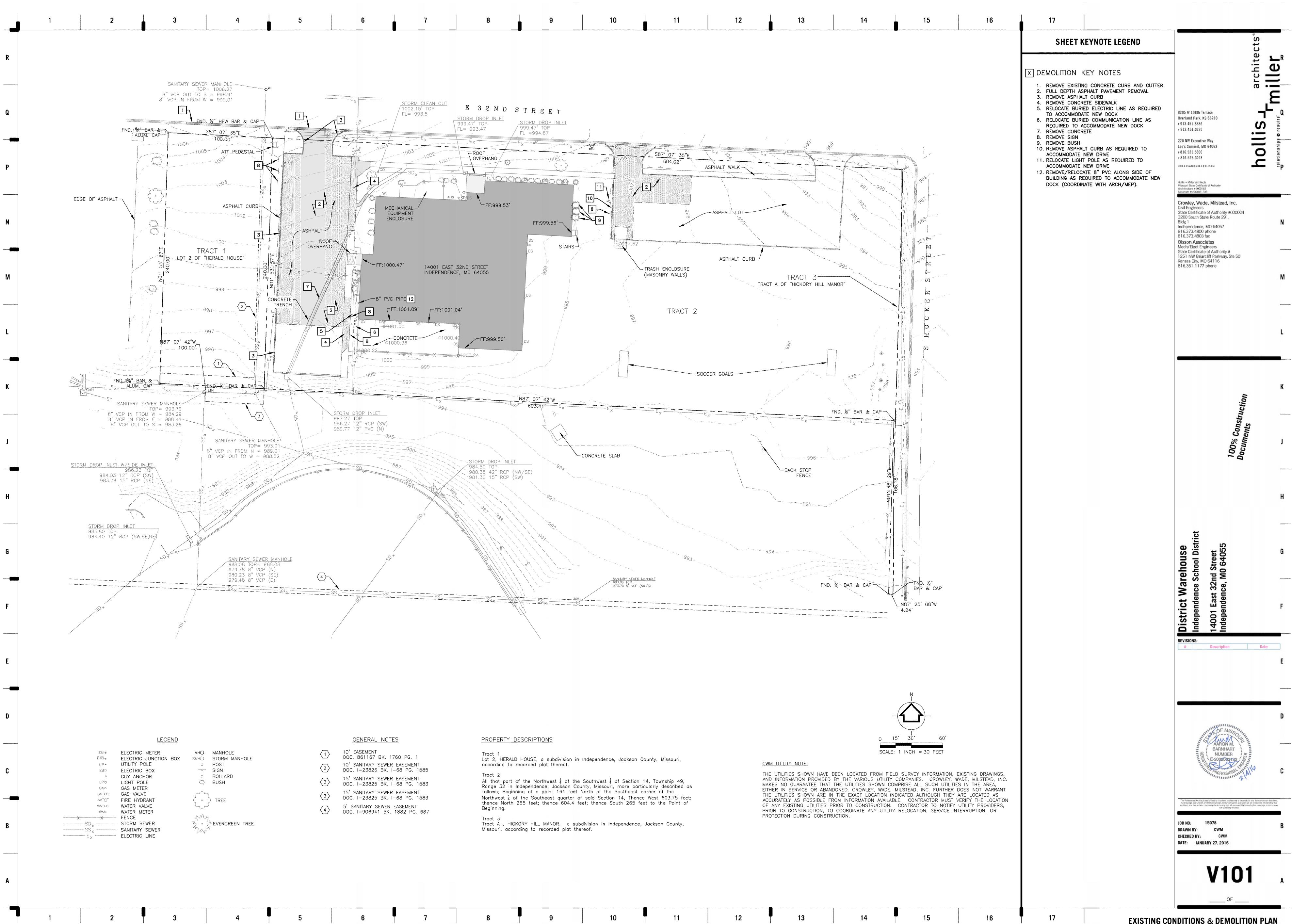
Olsson Associates 1251 NM Briarcliff Parkway, Suite 50 Kansas City, MO 64116 CONTACT: Nick Lynch PHONE: (816) 361-1177

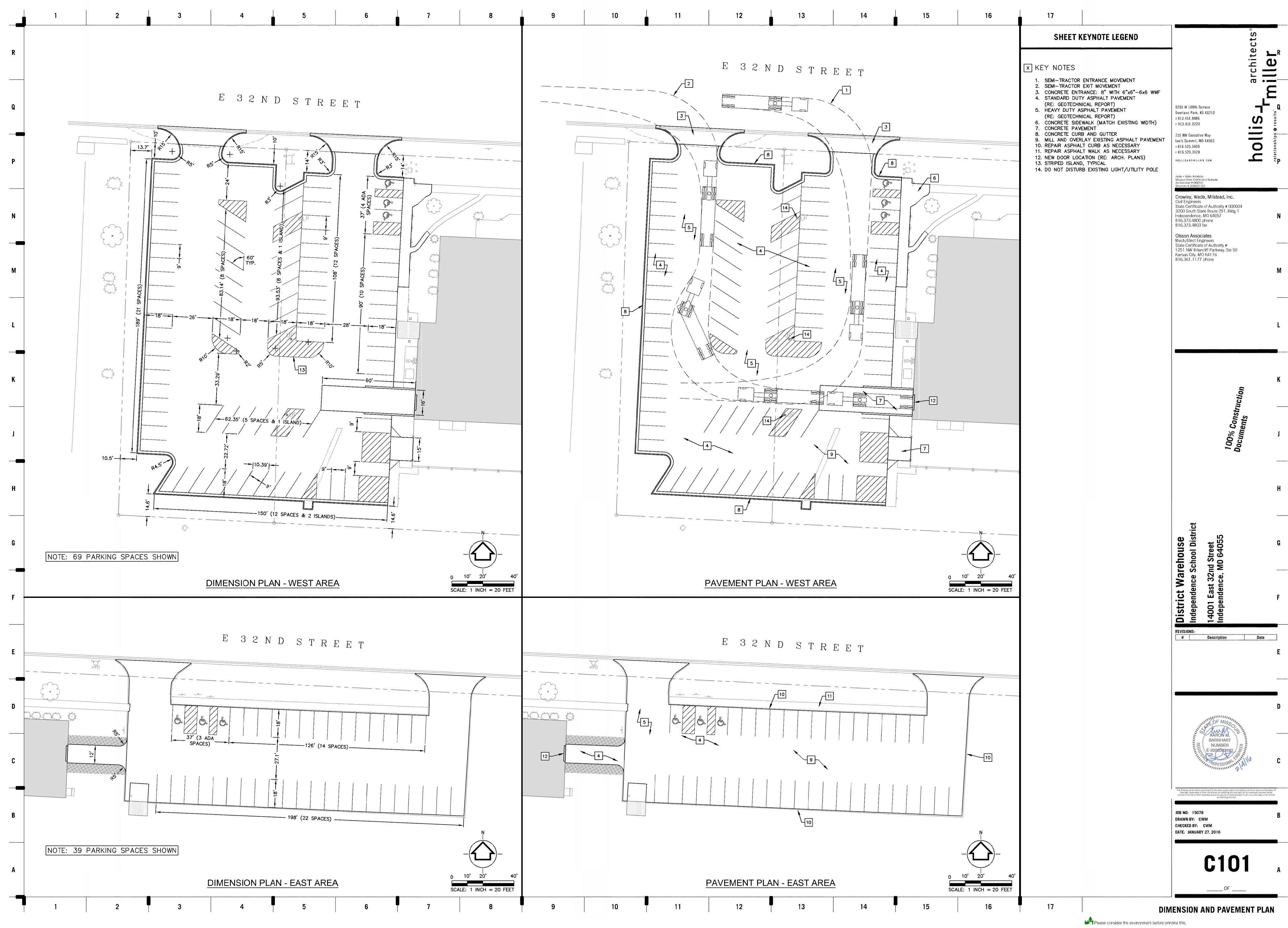


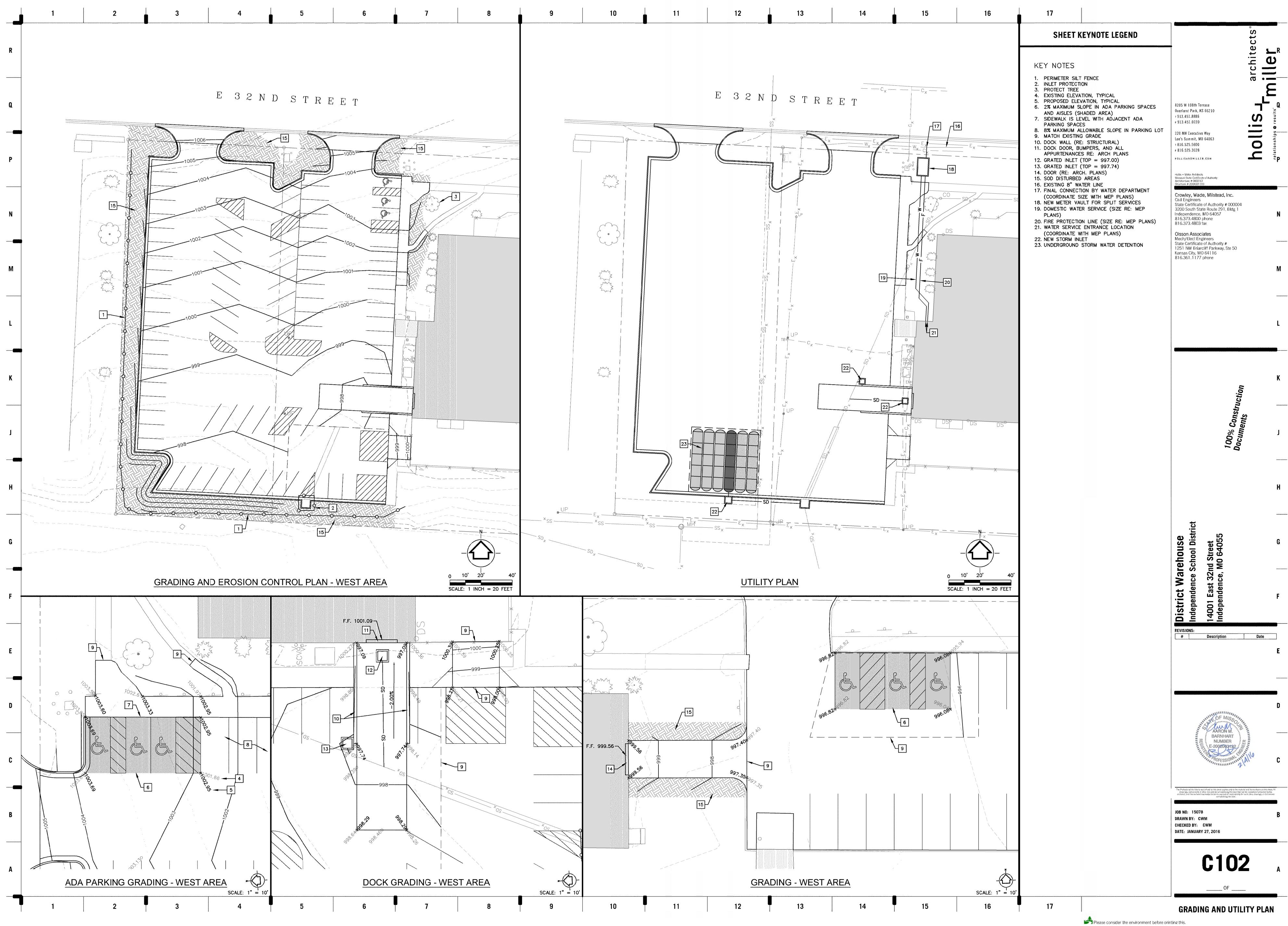
	6         7         8         9         10         11         12
R	Assembly Without Fixed Seats Concentrated (chairs only - not fixed, 1/7 Net)
Q	+       Business Areas (1/100 Gross)         Image: Mercantile - Storage, Stock, Shipping Areas (1/300 Gross)
	Closet + + + + + + + + + + + + + + + + + + +
	Smallwares 2 Smallwares 2
N	
	OPEN TO BELOW Food Storage 2 S106
K	
	J6 Scale 1/16" = 1'-0" Floor Plan - Level 2 - Code Plan
Η	Assembly Without Fixed Seats Concentrated (chairs only - not fixed, 1/7 Net)
	<ul> <li>Business Areas (1/100 Gross)</li> <li>Mercantile - Storage, Stock, Shipping Areas (1/300 Gross)</li> </ul>
G	$\begin{array}{c} & & & \\ & &$
F	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
F	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
E	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
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	AG Scale Floor Plan - Basement Level - Code plan



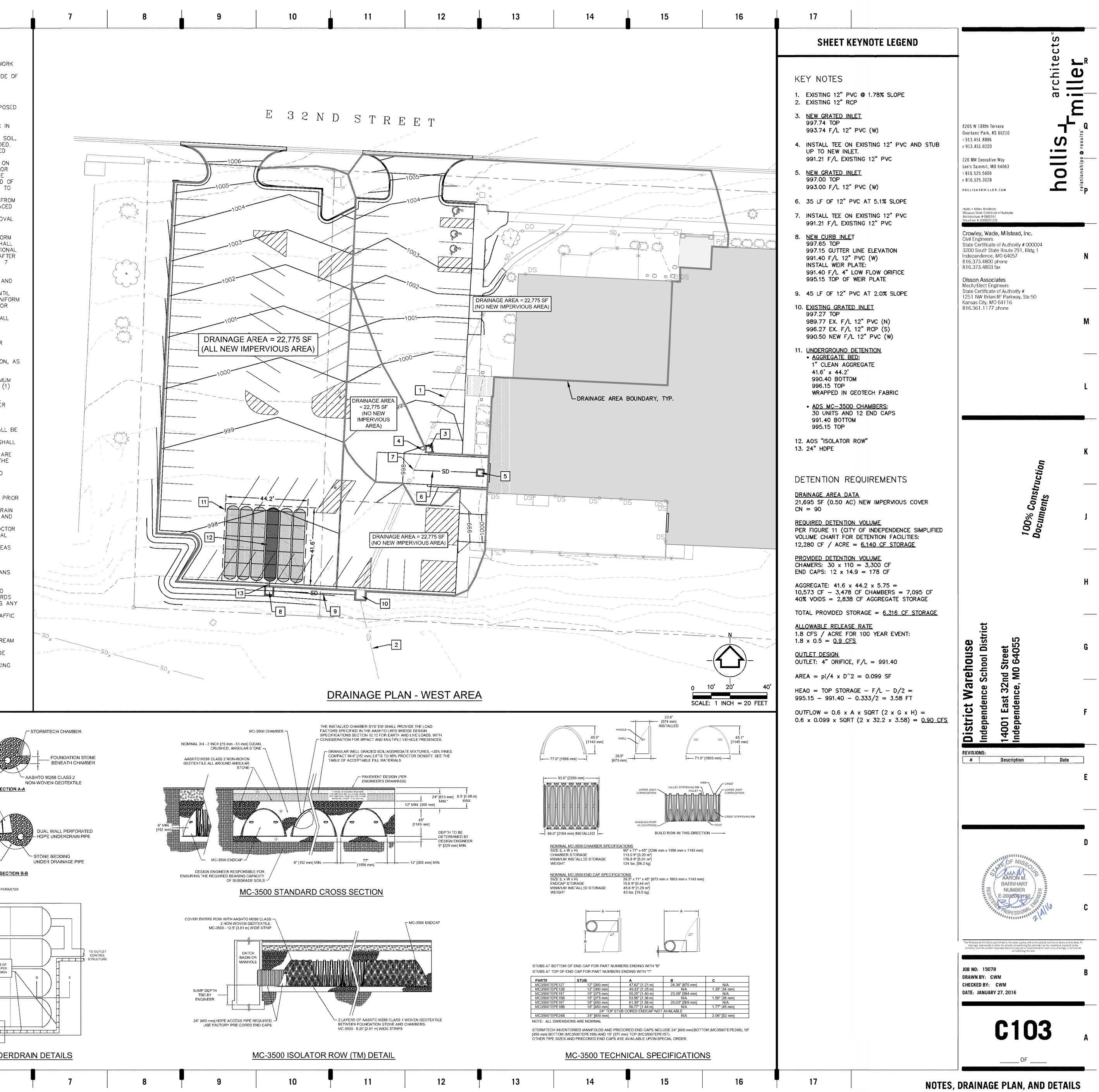
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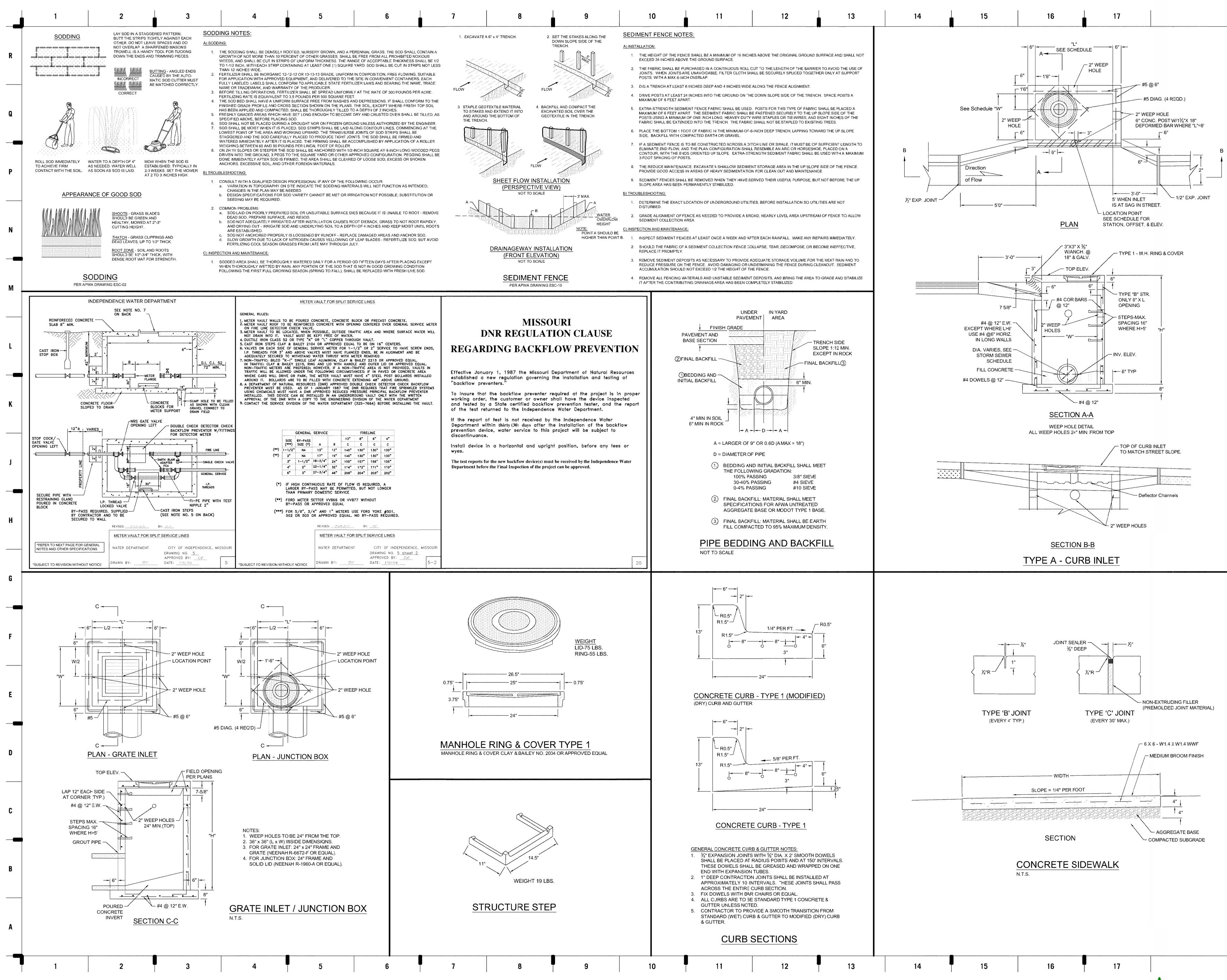




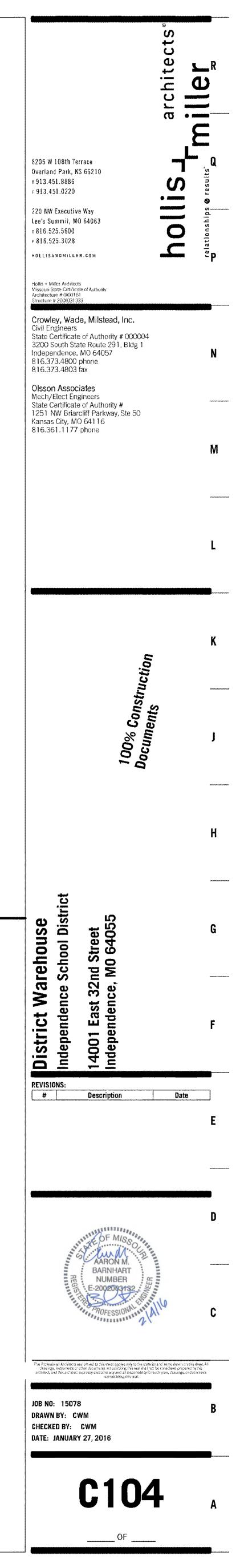


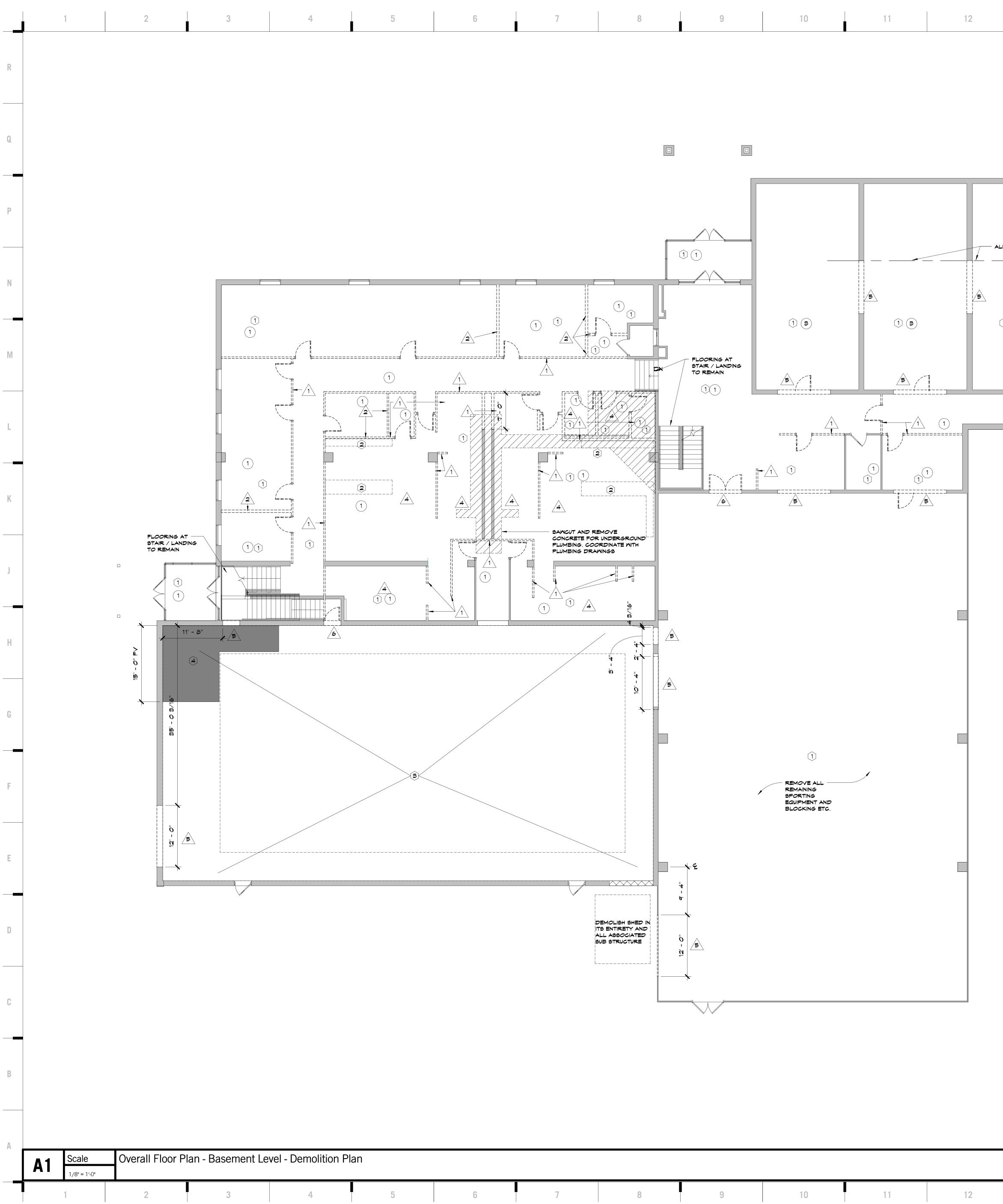
	I			ROJECT	NOTES					
	VERAL NOTES: DO NOT SCALE THESE D		<b>* *</b> *	*****	IT SHALL BE	EACH CONTRA				
	ANY WORK THAT EXTEN			)N 5.4.	WHICH THEY EROSION COI	ARE DIRECTLY	INVOLVED. ALONG THE	E DOWN SLOF		
1.3.		R REFERENCE CNLY. ALL DVERNING STANDARDS AN		9E 5.5.	COMMENCEM	T SHALL BE IN ENT OF ANY GI BLE WITHOUT A	RADING WOR	K. AFFECTING		
2. 001	SPECIFICATIONS. VERNING STANDARDS AND				CONSTRUCTION MINIMIZE THE	ON OPERATIONS AMOUNT OF LEAVE GRAD	S, THE CONT SURFACE AF	RACTOR SHA	EXPOSED	
	THE CONSTRUCTION CON CONFORM TO ALL APPLI	ERED BY THESE PLANS CABLE STANDARDS AND			CONSTRUCT OPERATIONS,	TEMPORARY TE AND LIMIT UN	ERRACES DU	RING GRADIN	G	
	MISSOURI, CHAPTER 20	CITY CODE OF INDEPENE PUBLIC WORKS MANUAL, S ASSOCIATION, KANSAS	AND OF THE	E 5.6.		AS. E OF DEBRIS, THE CONSTRUC				
	CHAPTER AND ARE HER THIS SET OF PLANS BY	EBY MADE THE SPECIFICA REFERENCE AS THOUGH	ATIONS FOR FULLY SET	بعد عو	THEREFORE DRIVES AT A	THE CONTRACT	OR SHALL F	ROVIDE STAE	BILIZED	
	RESPONSIBILITY TO ACQ SPECIFICATIONS AND HA	BE THE CONTRACTOR'S UIRE A SET OF THESE S VE SUCH SPECIFICATIONS	TANDARD S AVAILABLE	5.7.	CONTOUR EL THE FULL EX	OR SIMILAR M EVATION ALON (TENT OF THE	G THE DOWN DISTURBED	NHILL SIDE AN AREAS WITHIN	ND FOR N THE	
2.2.		ORK PRIOR TO AND DURI	NG ALL		CONSTRUCTIO	ON LIMITS. TH BE PLACED FA	E LAST 5 F	EET ON EACH	END OF	
	WITH THE MOST CURREN SURFACE AND TYPE 1-0	IT APWA MIXES; TYPE 3- D1 FOR THE BASE.	-01 FCR THE		THE CONTRA	CTOR SHALL P	ER SYSTEM.	SILT FENCE	PLACED	
2.3.		NG A NPDES PERMIT FOR ISTURBANCE FROM THE A AL RESOURCES, THE PER	<i>I</i> ISSOURI	3E	CONSTRUCTIO	STORM SEWER ON OPERATIONS OD OF MEETIN	S WHICH RE(	QUIRE THEIR		
		Y CONSTRUCTION ACTIVIT RMED FOLLOWING THE CO			DEVICES EVE	R SHALL INSPEC RY 7 DAYS OF ES OR MORE IN	R WITHIN 24	HOURS OF A	A STORM	
	NTRACTOR'S RESPONSIBIL		CONDITIONS		REPAIR DAM. CONTROL DE	AGE, CLEAN OU VICES AS NEED	UT SEDIMENT DED AS SOO	I AND ADD A N AS POSSIE	DDITIONAL BLE AFTER	
J.I.	AND PLAN SHOWN CONE	Y DISCREPANCIES BETWEI NITIONS TO THE ENGINEER	EN ACTUAL		DAYS OF INS ALL AREAS I	UPON REACHIN	G FINAL GR	ADE SHALL B	E	
3.2.	BEGINNING CONSTRUCTION THE CONTRACTOR SHALL	)N.	S AND		BROUGHT TO MULCHED, SO	FINAL PLAN ( DDDED, OR OTH NTROL DEVICES	CONDITIONS HER) AS SO	(PAVED, SEE ON AS POSSI	DED AND BLE.	
÷ -	ANY DISCREPANCIES TO ANY RELATED WORK.	THE ENGINEER PRIOR TO	COMMENCIN	IG	ALL SOIL DIS PERENNIAL C	STURBING ACTIN	VITIES ARE ( DENSITY OF	COMPLETE AN	ID UNIFORM	
3.3.		BE SOLELY RESPONSIBI	ILITIES AND	5.11.	CONTRACTOR	REAS IS ESTABI SHALL BE SOLEL ATED WITH EROS	Y RESPONSIE		AND ALL	
	CONNECTIONS, IN ADVAN	ICE OF EXCAVATION OR E AS REQUIRED TO MAIN	TRENCHING,		RADING ACTIVIT	Y NOTES:			)TLIES	
3.4.		FORMATION SHOWN ON 1	HE DRAWING	S	DEBRIS FROM CRADED.	TREES, GRASS I THE AREA TO	D BE EXCAV	ATED, FILLED	OR	
3.5.	CONCERNING EXISTING U ANY DELAY, ADDITIONAL	NDERGROUND INSTALLATI	ONS. TO THE		IF EXCAVATE DETERMINED	D MATERIAL IS BY THE GEOTE SHALL FURNIS	ECHNICAL EN	IGINEER, THE		
	EXISTING UNDERGROUND CONSTITUTE A CLAIM FO	INSTALLATIONS SHALL N R EXTRA WORK, ADDITIO	IOT NAL PAYMEN	ΙΤ,	ALL SLOPES, FINISH SLOPI	CUT OR FILL, E OF THREE (3	SHALL BE 3) FEET HOR	GRADED TO N	ONE (1)	
		AGE TO EXISTING UTILITIE SHALL RE REPAIRED BY A RACTOR.			WITHOUT SPE	AL. NO GRADE ECIFIC SLOPE P BE GRADED TO	LANTING OF	REINFORCEN	IENT.	
3.6.	THE CONTRACTOR SHALL PRIOR TO BEGINNING CO	OBTAIN ALL NECESSAR			FROM ALL SI THE CONTRA	URFACES. CTOR IS RESPO	ONSIBLE FOR		ALL	
	CONSTRUCTION ACTIVITIE	TIONS THROUGHOUT THE S.		6.6.	CRADES NOT	D GROUNDWAT OTHERWISE IN /ELS OR SLOPE	IDICATED ON S BETWEEN	I THE PLANS POINTS WHE	SHALL BE RE	
	AOLITION: DEMOLITION PLANS ARE SCHEMATIC LOCATION O	INTENDED TO DEPICT A			ELEVATIONS BE WELL ROI	ARE GIVEN. AE	BRUPT CHAN	IGES IN SLOP	ES SHALL	
	DEMOLITION SHALL BE A NEW CONSTRUCTION WO	CCOMPLISHED IN COORDI	NATION WITH		TO BE COMP PROJECT.	LETELY CLEAN	ED AT THE	COMPLETION	OF THE	
4.2.		RESPONSIBLE FOR ALL F ITED TO ALL UTILITIES, S AS REQUIRED, ALL WORK	TORM	-	FROM CONST	EES WHERE IND RUCTION ACTIV BE INSPECTED	VITIES. ALL "	TREE PROTEC	TION	
	ACCORDANCE WITH THE SPECIFICATIONS AND SH	GOVERNING AUTHORITIES ALL BE APPROVED BY S	, UCH. ALL		ACTIVITIES TO ALL TREE PF	O REMAIN OUT	SIDE THE DP	RIP LINES.		
4.5.	WITH THE OWNER. UNLESS OTHERWISE NOT		) BE REMOVE		INSTALLATION	NDERCUTTING, N, AND ROCK F	FILLS SHALL			
	SHALL BECOME THE PRO	DPERTY OF THE CONTRAC DM THE PROJECT SITE AN H ALL FEDERAL, STATE,	CTOR AND		DIRECTED BY FILL AREAS	THE SOILS ENTO BE COMPAC	NGINEER. CTED TO 95	% STANDARD	PROCTOR	
4.6.	REGULATIONS AND ORDI	NANCES. REMAIN UNLESS OTHERW	ISE NOTED.	6.12	ENGINEER. UNLESS OTH	ERWISE INDICA	TED, ALL DIS	STURBED SOIL	AREAS	
	EXISTING FEATURES TO	SPONSIBLE FOR PROTECT REMAIN. WHERE ITEMS / SHALL BE TAKEN TO PR	ARE SHOWN			6 INCHES OF				
4.7.	ADJACENT ITEMS SCHED MILL AND/OR REMOVE A	ULED TO REMAIN. NY EXISTING ASPHALT A	S REQUIRED	7.1.	CONTRACTOR FOR EXACT I	SHALL REFER	D DIMENSION	IS OF BUILDIN	NGS,	•••••
	CONDITIONS AND POSITI' TO REMAIN. SAWCUT ED	RUCTION AND MAINTAIN I VE DRAINAGE TO ADJACE GES (TO FULL DEPTH) OI	NT MATERIAL F ALL	_S 7.2.	ALL ACCESSI	CHES, AND BUI IBLE SPACES, F CANS WITH DIS	ROUTES, RAI ABILITIES AC	MPS, AND ET CT (ADA) STA	C. TO NDARDS	 
4.8.	REMOVED MATERIALS TH PRODUCT. CONTRACTOR SHALL INS	AT WILL BE EXPOSED IN TALL NECESSARY BARRIC		7.5	LOCAL REQU	IBLE DESIGN, L IREMENTS AND TO BE PER T	REGULATION	NS.		
	SUFFICIENT LIGHTS, AND FOR THE PROTECTION A	OTHER TRAFFIC CONTRO ND SAFETY OF THE PUB MEASURES SHALL BE MA	L MEASURES LIC. TRAFFIC		CONTROL DE	VICES, LATEST	EDITION.			
	THROUGHOUT THE CONS THE MANUAL ON UNIFOR	TRUCTION PERICD AND C	ONFORM TO VICES,	8.1.	CONSTRUCTIO	ON SHALL BE F				
4.9.	MINIMIZED DURING PEAK THE CONTRACTOR SHALL				FULL DEPTH	ING UNDER PA' AGGREGATE B. TE ITEMS INCLI	ACKFILL.			
		TES WITH THE APPROPRI MANAGEMENT TO MINIMIZ		N	STEEL.					
4.10.	THE CONTRACTOR SHALL INCLUDING DEMOLITION /	COORDINATE ALL UTILIT	APPROPRIAT	TE						
	DISCONTINUATION OF SE	SERVICE PROVIDERS PR RVICE. UTILITIES NOT NO AIN IN SERVICE AT ALL T	TED FOR			ſ				
	DSION CONTROL: CONTRACTOR SHALL BE									/- STO
J.I.	STORM WATER POLLUTIO THE PROJECT BREAKS (	N PREVENTION (SWPP) A ROUND. SWPP SHOULD	T THE TIME FOLLOW							
	MANAGEMENT FOR CONS	OFFICE OF WATER, STO TRUCTION ACTIVITIES: DE PLANS AND BEST MANA	VELOPING					LL PERFORATED		
5.2.	PRACTICES, EPA NUMBE THE EROSION CONTROL	R 832R92005 (SEPTEMBE	IR 1992).				STONE	BEDDING UNDER DRAINAGE PIP		AASHT NON-W
	REQUIREMENTS ACCEPTA MAY VARY ACCORDING	BLE, LOCATIONS ARE TY TO CONTRACTORS STAGIN	PICAL AND IG AND LIMIT	S					SECTION	
		E CONTRACTOR SHALL AI HIS PLAN AS NECESSARY D POLLUTION.		)L			S	TORMTECH END (		Ra
						J		****		
Т	LL DESIGN SPECIFICATIONS HE STORMTECH MC-3500 DE	ESIGN MANUAL						TION STONE H CHAMBER	Ŧ	) Hi
	HE INSTALLATION OF STORI ATEST STORMTECH MC-350			CCORDANCE W	ITH THE			ASHTO M288 CLA -WOVEN GEOTEX		STO UN
P	HE CONTRACTOR IS ADVISE RIOR TO BEGINNING SYSTE	M INSTALLATION. CALL 1-888	8-892-2694 OR	VISIT WWW.STO	ORMTECH.COM				SECTION	<u>8-8</u>
4. C	O RECIEVE A COPY OF THE HAMBERS SHALL MEET THE	DESIGN REQUIREMENTS AN		ORS SPECIFIED	IN SECTION			/		
1:	2.12 OF THE LATESTEDITION	N OF THE AASHTO LRFD BRID		PECIFICATIONS						
	ACCEPTABL	E FILL MATERIALS: STORMT	ECH MC-3500 C	HAMBER SYSTE	MS					
MA	TERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION'	COMPACTION/DE	NSITY REQUIREMENT	r				
U TI FI	ILL MATERAL FOR LAYER 'D' STARTS FROM THE OP OF THE 'C' LAYER TO THE BOTTOM OF LEXIBLE PAVEMENT OR UNPAVED FINISHED RADE ABOVE, NOTE THAT PAVEMENT SUBBASE	ANY SOLE ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS, CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER ENGINEE INSTALLATIONS MAY HA AND PREPARATION REC	VE STRINGENT MATERIAL				AND 375 OF	
м © т	RADE ABCVE, NOTE THAT PAYEMENT SUBBASE IAY BE PART OF THE 'D'LAYER. ILL MATERAL FOR LAYER 'C'STARTS FROM THE OP OF THIL EMBEDMENT STONE ('B'LAYER) TO 4' (610 mm' ABOVE THE TOP OF THE CHAMBER	GRANULAR WELL GRADED SONJAGGREGATE MIXTURES, < 35% FINES, MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF	3, 357, 4,467, 5, 56.	OVER THE CHAMBERS I	ER 24" (S1D mm) OF MATERIAL S REACHED COMPACT S" (152 mm) UFTS TO A MIN			UNDER	AND SIZE OF RDRAINS PER SERR DESIGN	В
N <sup>i</sup> O	OTE THATPAVEMENT SUBBASE MAY BE A PART F THIS LAVER	THIS LAYER.	57. 6, 67, 58, 7, 78, 8, 89, 9, 10	95% STANDARD PROCT	R DENSITY.					
© c	MBEDMENT STONE SURROUNDING THE HAMBERSFROM THE FOUNDATION STONE O THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE, NOMINAL SIZE DISTRIBUTION BETWEEN 3/4 • 2 INCH (19 • 51 mm) CLEAN, CRUSHED, ANGULAR STONE	3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUI						1
PLEASE		NOMINAL SIZE DISTRIBUTION BETWEEN 3/4 -2 INCH [19 - 51 mm]	3, 35, 4, 467, 5, 56, 57	STANDARD PROCTOR D	ENSIFY ?					
1. YHE LI "GLEAN. 2. AS AN	STED AAS1TO DESIGNATIONS ARE 'OR GRADATI- CRUSHED ANGULAR NO. 4 (AASHTC M43) STONE". ALTERNA'E TO PROCITOR TESTINGAND FIELD DR LACED AND COMPACTED IN 9" (229 INI) (MAX) LIFT	ENSITY MEASUREMENTS ON OPEN GRADED STON	E. STORMTECH COMPACTI					A		
writ:NPI		S USING TVO FULL COVERAGES WITH AN APPROP H ACCEPTABLE FIL		ALS				MC-3500	UNDERD	RAIN
	<u> </u>									





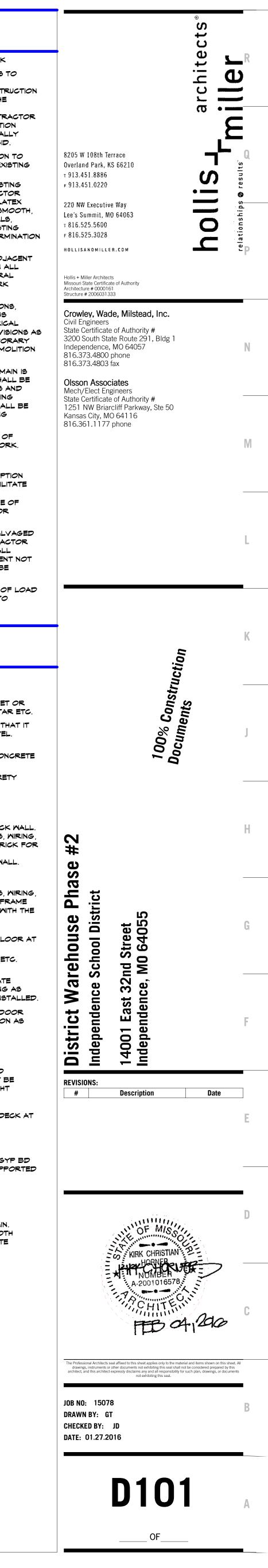
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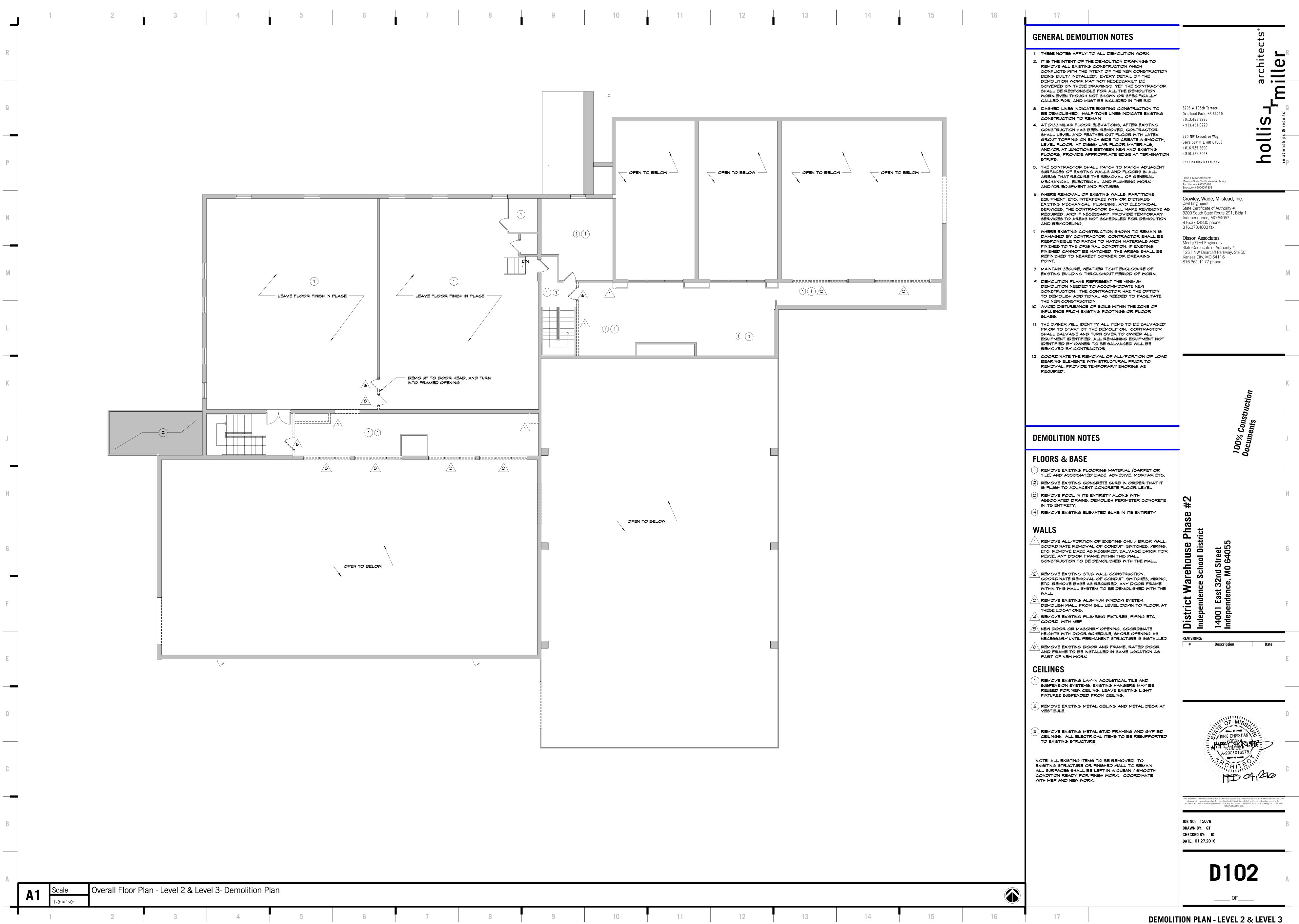


7	8	9	10	11	12
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		GENERAL DEMOLITION NOTES
		1. THESE NOTES APPLY TO ALL DEMOLITION WORK
		2. IT IS THE INTENT OF THE DEMOLITION DRAWINGS TO REMOVE ALL EXISTING CONSTRUCTION WHICH
		CONFLICTS WITH THE INTENT OF THE NEW CONSTRUCT BEING BUILT/ INSTALLED. EVERY DETAIL OF THE DEMOLITION WORK MAY NOT NECESSARILY BE
		COVERED ON THESE DRAWINGS, YET THE CONTRACT SHALL BE RESPONSIBLE FOR ALL THE DEMOLITION
		WORK EVEN THOUGH NOT SHOWN OR SPECIFICALLY CALLED FOR, AND MUST BE INCLUDED IN THE BID.
		3. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED. HALF-TONE LINES INDICATE EXISTIN CONSTRUCTION TO REMAIN
		4. AT DISSIMILAR FLOOR ELEVATIONS, AFTER EXISTING CONSTRUCTION HAS BEEN REMOVED, CONTRACTOR SHALL LEVEL AND FEATHER OUT FLOOR WITH LATEX
<b>\</b>		GROUT TOPPING ON EACH SIDE TO CREATE A SMOO LEVEL FLOOR, AT DISSIMILAR FLOOR MATERIALS,
		AND/OR AT JUNCTIONS BETWEEN NEW AND EXISTING FLOORS, PROVIDE APPROPRIATE EDGE AT TERMINA STRIPS.
4 ' 0		5. THE CONTRACTOR SHALL PATCH TO MATCH ADJACE SURFACES OF EXISTING WALLS AND FLOORS IN ALL
		AREAS THAT REQUIRE THE REMOVAL OF GENERAL MECHANICAL, ELECTRICAL, AND PLUMBING WORK AND/OR EQUIPMENT AND FIXTURES.
		6. WHERE REMOVAL OF EXISTING WALLS, PARTITIONS, EQUIPMENT, ETC. INTERFERES WITH OR DISTURBS
		EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL SERVICES, THE CONTRACTOR SHALL MAKE REVISION
		REQUIRED, AND IF NECESSARY, PROVIDE TEMPORAR SERVICES TO AREAS NOT SCHEDULED FOR DEMOLIT AND REMODELING
<u>N</u>	5	7. WHERE EXISTING CONSTRUCTION SHOWN TO REMAIN
		DAMAGED BY CONTRACTOR, CONTRACTOR SHALL E RESPONSIBLE TO PATCH TO MATCH MATERIALS AND FINISHES TO THE ORIGINAL CONDITION. IF EXISTING
		FINISHED CANNOT BE MATCHED, THE AREAS SHALL E REFINISHED TO NEAREST CORNER OR BREAKING POINT.
		POINT. 8. MAINTAIN SECURE, WEATHER TIGHT ENCLOSURE OF EXISTING BUILDING THROUGHOUT PERIOD OF WORK.
		9. DEMOLITION PLANS REPRESENT THE MINIMUM DEMOLITION NEEDED TO ACCOMMODATE NEW
		CONSTRUCTION. THE CONTRACTOR HAS THE OPTION TO DEMOLISH ADDITIONAL AS NEEDED TO FACILITAT
		THE NEW CONSTRUCTION 10. AVOID DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE FROM EXISTING FOOTINGS OR FLOOR
		SLABS. 11. THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAG
		PRIOR TO START OF THE DEMOLITION. CONTRACTO SHALL SALVAGE AND TURN OVER TO OWNER ALL
		EQUIPMENT IDENTIFIED. ALL REMAINING EQUIPMENT N IDENTIFIED BY OWNER TO BE SALVAGED WILL BE REMOVED BY CONTRACTOR.
		12. COORDINATE THE REMOVAL OF ALL/PORTION OF LO BEARING ELEMENTS WITH STRUCTURAL PRIOR TO
		REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED.
		DEMOLITION NOTES
		DEMOLITION NOTES FLOORS & BASE
		<b>FLOORS &amp; BASE</b> <ol> <li>REMOVE EXISTING FLOORING MATERIAL (CARPET OF</li> </ol>
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS. DEMOLISH PERIMETER CONCRUMINING ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OR TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS. DEMOLIGH PERIMETER CONCRUNN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS
		<ul> <li>FLOORS &amp; BASE</li> <li>1 REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E</li> <li>2 REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.</li> <li>3 REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCREINING ELEVATED SLAB IN ITS ENTIRETY.</li> <li>4 REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY</li> </ul>
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OR TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR ES         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS. DEMOLISH PERIMETER CONCREINING ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK WALCOORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS. DEMOLISH PERIMETER CONCREIN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK PW COORDINATE REMOVAL OF CONDUIT, SWITCHES, NIR ETC, REMOVE BASE AS REQUIRED. SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS WALL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         2       REMOVE EXISTING STUD WALL CONSTRUCTION.
		<ul> <li>FLOORS &amp; BASE</li> <li>1 REMOVE EXISTING FLOORING MATERIAL (GARPET ON TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E</li> <li>2 REMOVE EXISTING CONCRETE GURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.</li> <li>3 REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLIGH PERIMETER CONCREIN ITS ENTIRETY.</li> <li>4 REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY</li> <li>WALLS</li> <li>1 REMOVE ALL/PORTION OF EXISTING CMU / BRICK WAS COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE BASE AS REQUIRED. SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE BASE AS REQUIRED. ANY DOOR FRAME WITHIN THIS WALL SYSTEM TO BE DEMOLISHED WITH THE WALL.</li> </ul>
		<ul> <li>FLOORS &amp; BASE</li> <li>1 REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E</li> <li>2 REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.</li> <li>3 REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCREIN ITS ENTIRETY.</li> <li>4 REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY</li> <li>WALLS</li> <li>1 REMOVE ALL/PORTION OF EXISTING CMU / BRICK WACCOORDINATE REMOVAL OF CONDUIT, SWITCHES, NIR ETC. REMOVE BASE AS REQUIRED, SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS WALL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.</li> <li>2 REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WITHIN THIS WALL SYSTEM TO BE DEMOLISHED WITH THALL.</li> <li>3 REMOVE EXISTING ALUMINUM WINDOW SYSTEM.</li> </ul>
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (GARPET OR TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS. DEMOLISH PERIMETER CONCRUMENTING TO DE THAT IS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY <b>WALLS</b> 1         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK PARCORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC. REMOVE BASE AS REQUIRED. SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS MALL, CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         2       REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC. REMOVE BASE AS REQUIRED. ANY DOOR FRAME WITHIN THIS WALL.         2       REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC. REMOVE BASE AS REQUIRED. ANY DOOR FRAME WITHIN THIS WALL.         3       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SULL LEVEL DOWN TO FLOOR THESE LOCATIONS.
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCRININTS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK PARCED DINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE BASE AS REQUIRED, SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS MALL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         2       REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC, REMOVE BASE AS REQUIRED, ANY DOOR FRAME WITHIN THIS WALL SYSTEM TO BE DEMOLISHED WITH THE WALL.         3       REMOVE EXISTING ALUMINUM WINDOM SYSTEM. DEMOLISH WALL SYSTEM TO BE DEMOLISHED WITH WALL.         3       REMOVE EXISTING ALUMINUM WINDOM SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         4       REMOVE EXISTING PLUMBING FIXTURES, PIPING ETC. COORD, WITH MEP.
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHEBIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLIGH PERIMETER CONCRININTS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK PARCED IN ATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE BASE AS REQUIRED. SALVAGE BRICK REUSE, ANY DOOR FRAME WITHIN THIS WALL, CONSTRUCTION TO BE DEMOLIGHED WITH THE WALL, CONSTRUCTION EXISTING ALUMINUM WINDOW SYSTEM, DEMOLIGH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         •       REMOVE EXISTING ALUMINUM WINDOW SYSTEM, DEMOLIGH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCREINTS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY <b>WALLS</b> 1         1       REMOVE ALL/PORTION OF EXISTING CMU / BRICK WY COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC, REMOVE BASE AS REQUIRED, SALVAGE BRICK REUSE, ANY DOOR FRAME MITHIN THIS MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC, REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC, REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, MIR ETC, REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL SYSTEM TO BE DEMOLISHED WITH THE MALL.         3       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         4       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         4       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         5       NEW DOOR OR MASONRY OPENING. COORDINATE HEIGHTS WITH DOOR SCHEDULE; SHORE OPENING AS NECESSARY UNTIL PERMANENT STRUCTURE IS INSTALLED WITH DOOR AND FRAME; RATED DOOR AND FRAME; RATED DOOR AND FRAME; RATED DOOR AND FRAME; RATED DOOR
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESINE, MORTAR E         2       REMOVE EXISTING CONCRETE GURB IN ORDER THAT IS FLUGHT TO ADJACENT CONCRETE FLOOR ILEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCREIN IN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING SELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING SELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING SELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING STUD VALL CONSTRUCTION. COORDINATE REMOVAL OF CONSTRUCTION. COORDINATE REMOVEL STUDY AND TO PROPE MITH THIS HALL SYSTEM TO BE DEMOLISHED WITH 'MALL CONSTRUCTION TO BE DEMOLISHED WITH THE MALL SECONDE COORDINATE REMOVEL STUDY AND THE COORDINATE HESE LOCATIONS.         2       RE
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET ON TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE GURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH FERIMETER CONCR. IN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY.         (4)       REMOVE ALL/PORTION OF EXISTING CMU / BRICK WU COORDINATE REMOVAL OF CONDUT, SWITCHES, WILL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL. ONSTRUCTION TO BE DEMOLISHED WITH THE WALL. CONSTRUCTION TO BE DEMOLISHED WITH THE WALL. CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         (2)       REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WILL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         (2)       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL SYSTEM TO BE DEMOLISHED WITH THALL.         (3)       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         (4)       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         (4)       REMOVE EXISTING ALUMINUM WINDOW SYSTEM. DEMOLISH WALL.         (5)       NEW DOOR OR MASONRY OPENING. COORDINATE HEIGHTS WITH DOOR SCHEDULE; SHORE OFENING AS NECESSARY UNTIL PERMANENT STRUCTURE IS INSTAL         (4)       REMOVE EXISTING DOOR AND FRAME; RATED DOOR AND FRAME TO DEMOLISH MARKE TO DEMOLISH TO THE DOOR AND FRAME ED CATION AND NAND AND COARDINATE HEIGHTS WITH DOOR SCHED LE SI
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (GARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE CURE IN ORDER THAT IS FLUENT TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCR. IN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY.         •       REMOVE EXISTING STUD WALL CONSTRUCTION.         •       COORDINATE REMOVAL OF CONDUCTION.         •       REMOVE EXISTING STUD WALL CONSTRUCTION.         •       REMOVE EXISTING ALUMINUM WINDOW SYSTEM.         •       REMOVE EXISTING LAUMINUM WINDOW SYSTEM.         •       REMOVE EXISTING PLUMBING FIXTURES, PIPING ETC.         •       REMOVE EXISTING DOOR AND FRAME, RATED DOOR         •
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E         2       REMOVE EXISTING CONCRETE GLOB IN ORDER THAT IS FUIDE TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCR. IN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         Image: State of the s
		<ul> <li>FLOORS &amp; BASE</li> <li>REMOVE EXISTING FLOORING MATERIAL (GARPET OF TILE) AND ASSOCIATED BASE, ADHESING, MORTAR E</li> <li>REMOVE EXISTING CONCRETE GURB IN ORDER THAT IS FLUSH TO ADJACENT CONCRETE FLOOR LEVEL.</li> <li>REMOVE FOOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCR. IN ITS ENTIRETY.</li> <li>REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY.</li> <li>REMOVE EXISTING FLOOR OF EXISTING CMU / BRICK PW COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE DASE AS REQUIRED. SALVAGE BRICK RESISE. ANY DOOR FRAME WITHIN THIS WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE EXISTING STUD WALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC, REMOVE EXISTING ALUMINUM WINDOM SYSTEM TO ALL PROMOLISHED WITH THE WALL.</li> <li>REMOVE EXISTING ALUMINUM WINDOM SYSTEM. TALL.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING FLUMISING FLUTURES, PIPING ETC. COORD. WITH MET.</li> <li>REMOVE EXISTING DOR AND FRAME, RATED DOOR AND FRAME. RATED DOOR AND FRAME TO DE EMPRICIES ON THE DOER SCHEDULE; SHORE OFENING AS NECESSARY UNTIL PERMANENT STRUCTURE IS INSTALLED IN SAME LOCATION AS PART OF NEW WORK.</li> <li>REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEMS. EXISTING HANGERS MAY BE RUDEED FOR NEW CELLING. LEAVE EXISTING LAYER WORK EXISTING LEAVE EXISTING LAYER SUSPENDED FROM CELLING.</li> <li>REMOVE EXISTING METAL CELING AND METAL DECK VESTIOULE.</li> </ul>
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, APHENKE, MORDER THAT         2       REMOVE EXISTING CONCRETE FLOOR LEVEL.         3       REMOVE EXISTING CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCRETE FLOOR LEVEL.         3       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         4       REMOVE ALL/PORTION OF EXISTING CMU / BRICK PW         COORDINATE REMOVAL OF CONDUIT, SMITCHES, WIR ETC, REMOVE LAVE OF CONDUIT, SMITCHES, WIR ETC, REMOVE LAVE DOVE FRAME UNTIN THE WALL.         2       REMOVE EXISTING STUD WALL CONSTRUCTION COORDINATE REMOVAL OF CONDUIT, SMITCHES, PIRE TO, REMOVE EXISTING STUD WALL CONSTRUCTION COORDINATE REMOVAL OF CONDUIT, SMITCHES, PIRE TO, REMOVE EXISTING STUD WALL CONSTRUCTION COORDINATE REMOVEL OF CONDUIT, SMITCHES, PIRE TO, REMOVE EXISTING SAULOR CONSTRUCTION TO LEOR THEME LOCATIONS.         2       REMOVE EXISTING STUD WALL CONSTRUCTION COORDINATE REMOVEL SYSTEM TO BE DEMOLISHED WITH 'MALL.         3       REMOVE EXISTING SAULOR CONSTRUCTION COORDINATE REMOVEL SYSTEM TO BE DEMOLISHED WITH 'MALL.         4       REMOVE EXISTING PLUMBING FIXTURES, PIPING ETC. COORDINATE MEMOLISHED AND DOEM TO FLOOR THESE LOCATIONS.         4       REMOVE EXISTING PLUMBING FIXTURES, PIPING ETC. COORDINATE MEMOLISHED WITH PERMANENT STRUC
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF THE) AND ASSOCIATED BASE, ADHESIVE, (CARPET OF THE THE ADD AGENT CONCRETE FLOOR LEVEL.         2       REMOVE EXISTING CONCRETE CURB IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE FLOOR LEVEL.         3       REMOVE EXISTING CONCRETE VICE IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE PLOOR LEVEL.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS         1       REMOVE EXISTING STUD VALL CONSTRUCTION COORDINATE REMOVAL OF CONDUIT, SMITCHES, VIR EVG. REMOVE EXISTING STUD VALL CONSTRUCTION COORDINATE REMOVAL OF CONDUIT, SMITCHES, VIR EVG. REMOVE EXISTING STUD VALL CONSTRUCTION COORDINATE REMOVAL OF CONDUIT, SMITCHES, VIR EVG. REMOVE EXISTING ALUMINUM VINDOW SYSTEM. DEMOLISH VALL SYSTEM TO BE DEMOLISHED WITH 'MALL.         •       REMOVE EXISTING ALUMINUM VINDOW SYSTEM. DEMOLISH VALL FROM SHILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         •       REMOVE EXISTING ALUMINUM VINDOW SYSTEM. DEMOLISH WALL FROM SHILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         •       NEM DOOR OR MASONEY OFENING. COORDINATE HESE NOR ELOS SHITNG WITH VERMENT STRUCTURE IS INSTALL         •       NEM DOOR OR MASONEY OFENING. COORDINATE HESE NORE EXISTING DOOR AND FRAME, RATED DOOR AND FRAME, RATED DOOR AND FRAME RATED TO DE REMOVE EXISTING DOOR AND FRAME, RATED DOOR AND FRAME RATED TO DOR SCHEDULE.         •       NEM ODER CON SUBSTING LAY-IN ACOUSTICAL TILE AND SUSPENSION OF NEM WORK
		<ul> <li>FLOORS &amp; BASE</li> <li>     1. REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESINE, MORTAR E</li> <li>     12. REMOVE EXISTING CONCRETE FLOOR LEVEL.     13. REMOVE POOL IN TO ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCR. IN TO ENTIRETY.     14. REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY     15. REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY     15. REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY     15. REMOVE EXISTING FLOOR FRAME WITHIN THIS WALL COORDINATE REMOVAL OF CONDUT, SWITCHES, WIR COORDINATE REMOVAL OF CONDUT, SWITCHES, WIR COORDINATE REMOVAL OF CONDUT, SWITCHES, WIR ETC. REMOVE BASE AS REQUIRED. ANY DOOR FRAME REMOVE EXISTING STUD MALL CONSTRUCTION COORDINATE REMOVAL OF CONDUT, SWITCHES, WIR ETC. REMOVE EXISTING ALUMINUM WINDOW SYSTEM DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THISS LLOCATIONS     16. REMOVE EXISTING FLUMING, COORDINATE HEIGHTS WITH DECK COORDINATE ON SUCCESSION OF REMOVE EXISTING FLUMING WINDOW SYSTEM DEMOLISH WALL FROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS     16. REMOVE EXISTING FLUMING, COORDINATE HEIGHTS WITH DECK SCORDINATE HEIGHTS STRUCTURES SUBTING HANGER MAY BE REMOVE EXISTING METAL SENSTING HANGER MAY BE REMOVE EXISTING METAL SUD FRAMING AND GYPE EXISTING METAL DELING.</li> <li>REMOVE EXISTING METAL STUD FRAMING AND GYPE E CILLINGS. ALL ELECTRICAL THES TO BE RESUPERD TO EXISTING STRUCTURE.</li> </ul>
		FLOORS & BASE         1       REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED BASE, ADHESINE, MORTAR E         2       REMOVE EXISTING CONCRETE FLOOR LEVEL.         3       REMOVE POOL IN THE ENTIRETY ALONG WITH ASSOCIATED DRAINS, DEMOLISH PERIMETER CONCR. IN ITS ENTIRETY.         4       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS       1         1       REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY         WALLS       1         1       REMOVE EXISTING FLOOR FRAME WITHIN THIS WALL CONSTRUCTION TO BE DEMOLISHED WITH THE WALL.         2       REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC. REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC. REMOVE EXISTING TO BE DEMOLISHED WITH THE WALL.         2       REMOVE EXISTING STUD MALL CONSTRUCTION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIR ETC. REMOVE EXISTING ALL/HOW SINDON SYSTEM. DEMOLISHED WITH THE MALL PROM SILL LEVEL DOWN TO FLOOR FAME TO BE INFOLLED.         3       REMOVE EXISTING ALL PROM SILL LEVEL DOWN TO FLOOR THESE LOCATIONS.         4       REMOVE EXISTING METAL STUD FRAME, RATED DOOR AND FRAME TO BE INSTALLED IN SAME LOCATION AS INCERSARY UNTIL PERMANENT STRUCTURE IS INSTAL FRAME TO BEINSTONE ON AND FRAME, RATED DOOR AND FRAME TO BE INSTALLED IN SAME LOCATION AS PART OF NEW WORK         3       REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEMS. EXISTING HARSERS MAY BE RELISED FROM CELIS. LEAVE EXISTING LIGHT FINTURES SUSPENDED FROM CELING. AND METAL
		FLOORS & BASE <ul> <li>REMOVE EXISTING FLOORING MATERIAL (CARPET OF TILE) AND ASSOCIATED DASE, ADHESINE, MORTAR E</li> <li>REMOVE EXISTING CONCRETE FLOOR LEVEL.</li> <li>REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY.</li> <li>REMOVE EXISTING ELEVATED SLAB EXISTING CMU / BRICK IM/ COORDINATE REMOVAL OF CONDUT, SMITCHES, MIR ETC, REMOVE BASE AS REQUIRED. SALVAGE ERICK REDGE ANY DOOR FRAME MITHIN THIS MALL CONSTRUCTION TO BE DEMOLISHED WITH THE MALL.</li> <li>REMOVE EXISTING ALMINUM MINDON SYSTEM. COORDINATE REMOVAL OF CONDUT, SMITCHES, MIR ETC, REMOVE EXISTING ALMINUM MINDON SYSTEM.</li> <li>REMOVE EXISTING ALMINUM MINDON SYSTEM.</li> <li>REMOVE EXISTING FLUMBING FIXTURES, PIPING ETC. COORD, WITH MER.</li> <li>REMOVE EXISTING PLUMBING FIXTURES, PIPING ETC. COORD, WITH MER.</li> <li>REMOVE EXISTING PLUMBING FIXTURES, COORDINATE HEIGHTS WITH DOOR SCHEDULE; SHORE OFENING AS NECESSARY UNTIL PERMANENT STRUCTURE IS INSTALL</li> <li>REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION STRICTING. EXISTING HANGER MAY BE REVERED FOR NEW KORK.</li> </ul> <li>REMOVE EXISTING METAL CELLING AND METAL DECK VESTIBULE.</li> <ul> <li>REMOVE EXISTING METAL STUD FRAMING AND GYPE E CELLINGS.</li> <li>REMOVE EXISTING METAL STUD FRAMING AND GYPE E CELINGS. ALL ELECTRICAL ITEMS TO BE RESUPPOR TO EXISTING STRUCTURE.</li> </ul>
		<ul> <li>FLOORS &amp; BASE</li> <li>1 REMOVE ENISTING FLOORING MATERIAL (CARPET OF TLE) AND ASSOCIATED BASE, ADHESIVE, MORTAR E</li> <li>2 REMOVE ENISTING CONCRETE CURB IN ORDER THAT IS FLUGH TO ADJACENT CONCRETE FLOOR LEVEL.</li> <li>3 REMOVE POOL IN ITS ENTIRETY ALONG WITH ASSOCIATED DEAINS, DEMOLISH PERMIETER CONCR. IN ITS ENTIRETY.</li> <li>4 REMOVE EXISTING ELEVATED SLAB IN ITS ENTIRETY</li> <li>CORDINATE REMOVAL OF CONDUIT, SMITCHES, SMITC</li></ul>



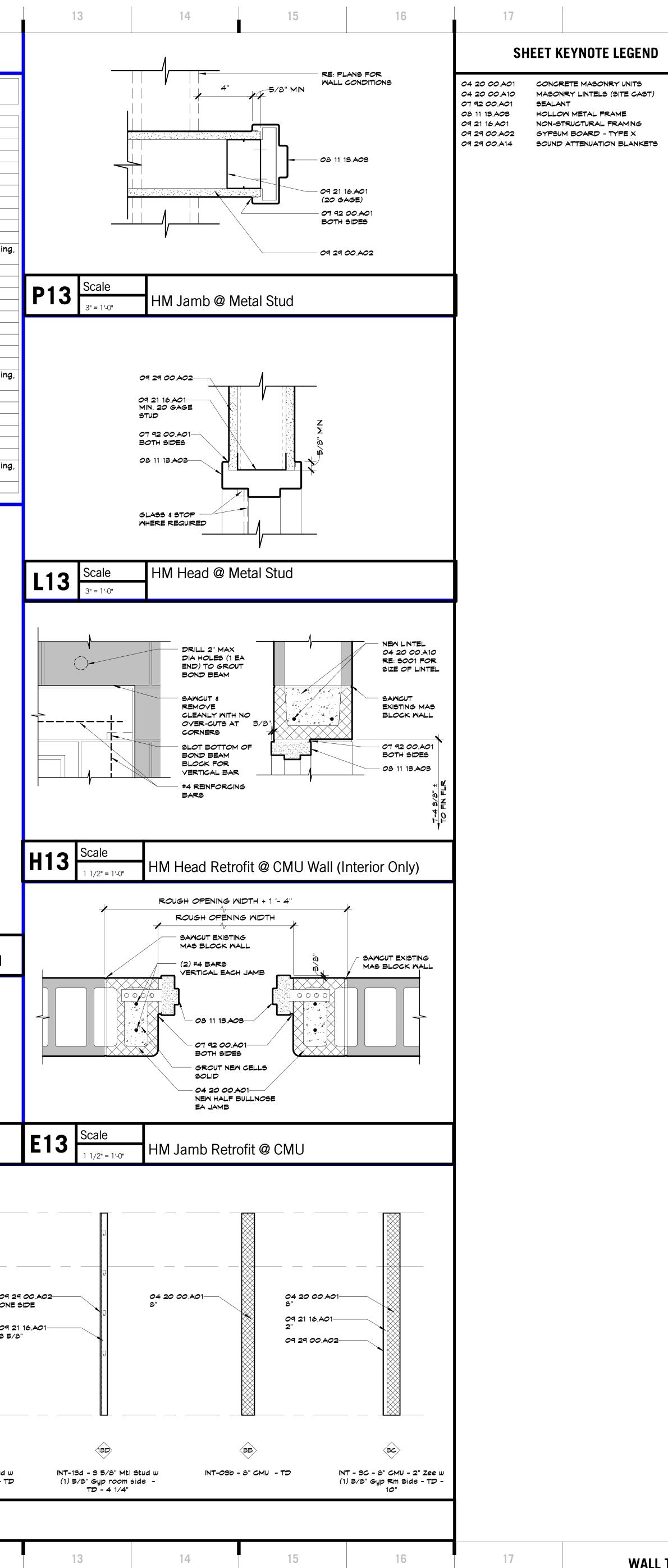
**DEMOLITION PLAN - SUB LEVEL & LEVEL 1** Please consider the environment before printing this.

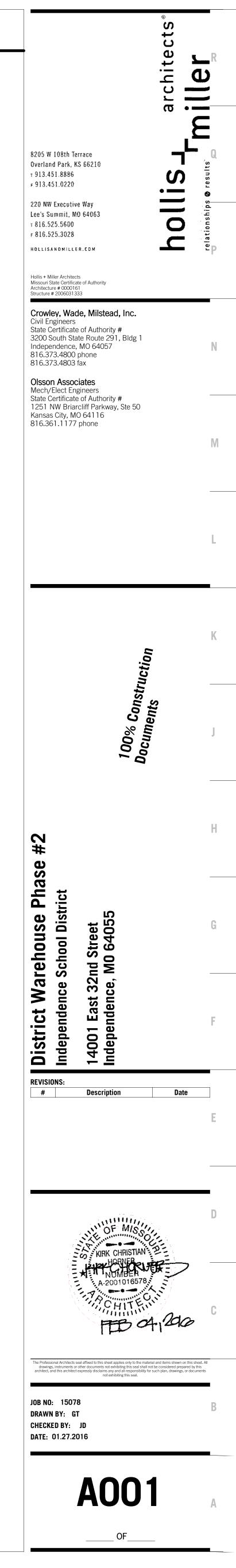


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	Α	BBRE		ONS		S١	<b>MBC</b>	)L	LEGE	END	
R											
	A AB ACOUST	anchor bolt acoustical		L LAM LAV	laminate						CLASSROON A101
	AD AD ADJ ADH	acoustical area drain adjustable/adjacent adhesive		LAV LGTH LKR LT	lavatory length locker light				ONCRETE MA NIT (CMU)	450NRY	A123 DOC
0	AFF ALUM ALT	above finish floor aluminum alternate		M	ligit	ب ب ب	4 4 4 - 4 4 . 4 4 4 .	<b>6</b>	ONCRETE		
G,	APPROX APPD ATTEN	approximate(ly) approved attenuation		MAS MAS BLK	masonry masonry block	· · ·		G	YP BD		
	В			MATL MAX MB	material maximum markerboard	R		P	Lynood		
	BEY BD BLDG	beyond board building		Mbh Mc Mech Mep	mop & broom holder structural shape misc channel mechanical			R	IGID INSUL		A10 A500 SECT
Ρ	BLDG BLK BLKG BM	block block blocking bench mark		MER MFR MH MI	mechanical/electrical/plumbing manufacturer manhole mirror	5	NN	В	ATT INSUL		A500 020
	BO BOT BRG	by others bottom (of) bearing		Min Misc Mo	minimum miscellaneous masonry opening			A	COUSTICAL T	ILE	ELEV
	BRKT BSD BSMT	bracket bar soap dish basement		MTD MTG HT MTL	mounted mounting height metal				NDISTURBED	SOIL	N1 A601 E1
	BTMN Bur	between built-up-roof		MULL	mullion	Ĩ		c	OMPACTED S	BOIL	PA
N	C CABT	cabinet		<u>N</u> א אונ	north not in contract			"	AND		
	CB CC CEM	chalkboard center to center cement(itious)		NO (or #) NOM NTS	number nominal not to scale			ه (	ONT LUMBER		
	CFM CH CI	cubic feet per minut coat hook cast iron	e	0					ON-CONT LUI BHIM)	MBER	JOIS DAT
	cj Clg Clr	control joint ceiling clear		0A 0C	overall on center			FI	INISH LUMBER	٤	
Μ	CMP CMU CO	corrugate metal pip concrete masonry u cleanout		OD OFF OPNG	outside diameter office opening			S'	TEEL OR MET	TAL	
	COL COMB CONC	column combination concrete		OPP	opposite			77-12			
	CONN CONT CONTR CORR	connect(ion) continuous construction corridor		<u>Р</u> Р РА	page public address	2"	PER SCHE	D_2"	2"\	2"	<b>0</b> "
	CLRM CSK CT	classromm countersunk ceramic tile		PAR Partn Pcp	parallel partition portland cement plaster				N N	3' - 0" 1	<u>- 10</u>
L	CTG CTR CY	coating center cubic yard(s)		perp Plam Pl	perpendicular plastic laminate property line						
	<u>D</u>			plas Plbg Plywd	plaster plumbing plywood			μ		S CHED S C	
	D DIA DIAG DIM	drinking fountain diameter diagonal dimension(s)		PNL PNLG PR PRD GYP	panel paneling pair			i ī		งั 22 มียุ	
	DN DR DS	down door downspout		PREFAB PS PT	poured gypsum prefabricated purse shelf paint					The second secon	
Κ	DMG	drawing		PTD PTD/R	painted paper towel disp/recp		TYPE 1			TYPE 2	2
	<u>E</u>	east		R R	radius (or riser)		glass type 1	- OPAG	RUE FULLY TE	MPEREDN	MONOLITHIC FLOA
	ea Edf Ef Ej	each electric drinking fou each face expansion joint	untain	ra RCP RD	return air reinforced concrete pipe roof drain (or road)	J4	Scale	_⊦	IM Fram	е Туре	es (08 11 1
J	EHD Elec Elev	electric hand dryer electric(al) elevation (view or d	atum)	RECP REF REINF	receptacle refrigerator reinforcing (or reinforced)	<b>_</b>	1/4" = 1'-0"				
-	eq Equip Em	equal or = equipment each way		rev Reqd RFG	reversed required roofing		PER	SCHED	63/	3' -	
	EMC EXH EXIST	electric water coole exhaust existing	er	RM	room				 		6 3/4"
	EXP Ext	expansion exterior		<u> </u> క కం	south shower curtain						
Н	F FA	fire alarm		Sched Scr Sd	schedule shower curtain track soap dispenser				<b>N</b> 1		U   <u> </u>
	FD FND FE	floor drain foundation fire extinguisher		SECT Sh Sht	section shower head sheet				1		- 11 1/1 PER 14
	fec Ff Fh	fire extinguisher cal finish floor fire hose	oinet	Shar Sim Smls Snd	shower similar seamless sanitary napkin dispenser	-			<b></b>		
	FIN FIXT FLR	finish fixture floor		SNR SP CTG SPEC	sanitary napkin dispenser sanitary napkin receptor special coating specification		T	YPE A		TYP	B
G	FLASH FLEX FMI F <i>O</i> M	flashing flexible full height mirror face of masonry		5PKR 5Q 55	speaker square stainless steel						MONOLITHIC FLO,
	FOPC FOS FT (or')	face of precast face of stud foot		STD STL STO	standard steel storage	<b>G4</b>	Scale	⊦	IM Door	Types	5 (08 11 13.
	FTG	footing		STRUCT SUSP SY SYM	structure (al) suspend(ed) square yard		.,				
_	G GA GB	gauge grab bar		T	symmetrical						
F	galv GC GEN	galvanized general contractor general		T T T&B	tread top \$ bottom						Design
	GFRC GL GLZ TILE	glass fiber reinforce glass glazed tile	ed concrete	T&G TB TEL TERM	tongue & groove tackboard telephone terminate						Decem Bearing Wa
	GPM GR GYP GYP BD	gallons per minute grade gypsum gypsum board		TERR TH TOC	terminate terrazzo (or terrace) towel hook top of curb						Nonbearing
Е	H	gypsum boar a		Tom Tos Tom	top of masonry top of steel top of wall						design metho
-	нв НС	hose bibb handicap(ped)	del de la f	TP TPD TRANS TS	towel pin toilet paper dispenser transformer tube steel (or towel strip)	51	ress Design	n Meth			ons employing actor shall be u
	HED HEHD HD HDBD	handicap electric dr handicap electric ha head (or hair dryer) headboard	and dryer	TYP U	typical	• 11	dicates suc	h pro	ducts shal		he UL or cUL Co ication (such a
	HDF HDNR HDWD	handicap drinking fo hardener hardwood	puntain	U UNO	urinal unless noted otherwise			14			
D	HDWR HEMC HHD	hardware handicap electric wa handicap hair dryer	ater cooler	US	utility shelf		71	17.0			1.1.1
		handicap lavatory hollow metal handicap mirror		V VENT VERT	ventilate/ventilator/ventilatior vertical			-	Nº 1	0	1.00
	HSD HSH HMC HORIZ	handicap soap dispe handicap shower hea handicap wall mtd wa horizontal	ad	VTR VCT	vent thru roof vinyl composition tile		3	Ϋ́.	-	2	ľ.
	HSS HR HT	folding shower seat hour height		W			<u> </u>	6	3	X	D
C	HTG HTR HU	heating heater handicap urinal		M MC MD MDO	west water closet wood window			(2)	Blacket	-	decises of a
	HYD	hydrant		ин Ин ИТ	wide flange wall hydrant structural T section						s designs. Classi for list of eligibl
	<u> </u> い ロ	intercom inside diameter		MMF M/ M/O	welded wire fabric with without		2. Mo	rtar –	Blocks lais	d in fell b	ed of mortar, no
P	IN (or") INDIV INGUL	inch(es) individual insulation		X			perce	nt hydr	rated lime (	by ceme	to 1 part Portlan nt volume). Vert
В	INT INV	interior invert		×	by (as 6'x8')		memb	hers an	e framed in	wall, pla	Gypsum Plast ister or stucce m
	J JST	joist		<u>ү</u> үр	yard					77.7	Attached to conc core spaces are
	JT	joint		SYMBOLS			(Rota)	ry Kiln		sater rep	ellant vermiculity
А	KIT	kitchen		∕ ≰ @₽	per (or by) and at channel						
				l ⊄ ±	channel centerline diameter/round plus/minu	A4	Scale	L	JL Desig	n at Al	I Туре ЗВ W
							12" = 1'-0"	┯┻			
I	•	1	2		3		4	-	5		6

6 7		8	9			10			11		12	
	DO	OR SC	CHEDI	JLE								
ROOM RM NAME	Number	DOOR Siz	9	Keynd	-	DOOR Type		rame Material	Fire Rating		Remarks	
)1 RM NUMBER		r 3'-0" x 7'-2" x		08 11 13	. <b>AO</b> 1	A	1	НМ	45 Min			
DOOR NUMBER	A115 3'	'-0" × 7'-2" × 1 8 '-0" × 7'-2" × 1 8 '-0" × 8'-0" × 1 8	/4	08 11 13 08 11 13 08 11 13	. <b>AO</b> 1	A B B	1 2 1	HM HM HM				
WALL TYPE	A117.2 3		3/4 2	08 11 13 08 11 13	. <b>AO</b> 1	B B A	1 2 1	HM HM HM				
MINDOM TYPE	A118 3	'-0" × 7'-2" × 1 8 '-0" × 7'-2" × 1 8	/4"	08 11 13 08 11 13	. <b>AO</b> 1	A A	1 1 1	HM HM				
glass type		'-0" × 7'-2" × 1 3 '-6" × 7'-2" × 1 3		08 11 13 08 11 13		A A	1 1	HM HM				
SECTION CUT LINE		'-0" x 7'-2" x 1 8 'R 3'-0" x 7'-2" x		08 11 13 08 11 13		A A	1 1	HM HM	45 Min 45 Min	New door i	n existing	opening,
		2'-0" x 12'-0" 0'-0" x 10'-4" CC	<b>)</b>	08 33 2	3.AO2			MAS		F∨ size Masonry op	penina	
ELEVATION SYMBOL	S101.1 10	0'-0" × 10'-4" CC 0'-0" × 10'-4" CC	2					MAS		Masonry or Masonry or	pening	
SHEET NUMBER		0'-0" × 10'-4" CC 0'-0" × 10'-4" CC						MAS MAS		Masonry op Masonry op		
A9 A120	9103a 3'	0'-0" × 10'-4" CC '-0" × 7'-0" × 1 5	3/4"			A	1	MAS HM		Masonry op	pening	
ENLARGED DETAIL		'-0" × 7'-2" × 1 3 'R 3'-0" × 7'-2" ×		08 11 13 08 11 13		A A	1	HM HM		New door i FV size	n existing	opening,
JOIST BEARING DAT 100'-0"		2'-0" × 12'-0" 2'-0" × 12'-0"		08 33 2 08 33 2								
	9106.3 3'	0'-0" × 10'-4" CC '-0" × 7'-2" × 1 8	/4"	08 11 13		A A	1	MAS HM		Masonry op	pening	
	9106.5 3'	'-0" × 7'-2" × 1 8 '-0" × 7'-2" × 1 8 '-0" × 7'-2" × 1 8	/4"	08 11 13 08 11 13 08 11 13	. <b>AO</b> 1	A A A	1 1 1	HM HM HM	45 Min 45 Min 	New door i	n avietina	onenina
		"R 3'-0" x 7'-2" x		08 11 13		A	1	НМ		FV size		opening,
BECOMES APPLIED VINYL FRIT AT DOOR A117.2, OTHERWISE PART OF HM FRAME ELSEWHERE												
LOAT GLASS 08 80 00.402												
1 13.A03)									04	<b>20 00.A0</b> 1		
*	07 9	3/8". 7 12 00.A01		_					BC 1/- 9E	92 00.A01 DTH SIDES- 4" GAP WITH ALANT 8 11 13.A03		
		1 13.A03		-		_						
FLOAT GLASS 08 80 00.402												
13.A01)	<b>G8</b>	Scale	HM Head	@	G10	So	cale					
	uo	1 1/2" = 1'-0"	CMU			1	1/2" = 1'	-0"	IM Jamb	@ CMU	Along	Wall
ign No. U905 comber 03, 2014 Wall Rating — 2 HR. ing Wall Rating — 2 HR whod other than the Limit States ying the Limit States Design Meth be used — See Guide DXUY or DX	od, such as						ale		08 11 13.403 07 92 00.40 BOTH SIDES 0 0 0			
JL Certification Mark for jurisdict		ying the UL or	cUL		E1C	╷⊢	1/2" = 1'	-0"	IM Jamb	@ CMU		
ich as Canada), respectively.												
OO TO Section		f 7-5/8° мін.			Cei Var	ries	<u>Floor [</u>	De <u>ck</u>			D D	
									09 29 0 Both 9			09 2 ONE
lassification D+2 (2 hr).									<b>09 2</b> 1 1 3 5/8"	6. <b>AO</b> 1		09 2 3 5/3
igible manufacturers. r, nom. 3/8 in. thick, of not less than :											, ÇI	
rtland cement (proportioned by volum Vertical joints staggered.											Ū	
Plaster — Add 1/2 hr to classification comust be applied on the face opposition concrete blocks (Item 1).	ite framing t	o achieve a		-	<b>Fin</b> Var							
are filled with loose dry expanded sloulite masonry fill insulation, or silicor								- 1 1/2" He		INT-13	13B b - 3 5/8" M	iti Stud ω
						u	) (1) 5/8	3"Gyp roon 1/8"	n side - 2	(1) 5/8	6" Gyp each - 4 7/8"	
B Walls					A10	╷⊢	cale 8" = 1'-0'		nterior W	all Types	5	
6 7		8	9			10			11		12	





WALL TYPES, DOOR SCHEDULE AND GEN INFO Please consider the environment before printing this.

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			MA		EGEND SO	CHEDULE			
<u> </u>	KEYNOTE MANUFACTURER			MATERIAL				N GUIDELINES	
ACT1 C1	09 51 13.A01         ARMSTRONG           09 68 13.A01         TANDUS	CIRRUS, 24" X 24" LAY-IN STYLE: LINEWAVE 04846,	•	•		: VERTICAL AGHLAR			
C2	09 68 13.A01 TANDUS	STYLE: LINEMAVE 04846, Aghlar	COLOR: CIRCUITE	30ard 21306, 9	DIZE: 24" X 24", PA1	ITERN: VERTICAL	MANAGER TRAINING ROOM, MANAGER	/STAFF/FOOD	
СЗ	09 68 13.A01 TANDUS	STYLE: LINEWAVE 04846, ABHLAR	COLOR: POSITIV	E CHARGE 2131C	) , SIZE: 24" X 24",	PATTERN: VERTICAL		/STAFF/FOOD	
DEP	09 91 23.406 WOLF GORDON	WINK ON COLOR					TRAINING ROOM		
DFP1 DFP2	09 91 23.A07 09 91 23.A07	DRY FALL PAINT TO MATC					STAFF TRAINING/BREAK	ROOM	
EP1 EP2	09 96 00.A01 09 96 00.A01	EXPOXY PAINT TO MATCH EXPOXY PAINT TO MATCH					MENS/WOMENS MENS/WOMENS		
P1 P2	09 91 23.A02SHERWIN WILLIAMS09 91 23.A02SHERWIN WILLIAMS	SM7063 NEBULOUS WHITE SM7064 PASSIVE							
P3	09 91 23.AO2 SHERMIN WILLIAMS	SWTOGG GRAY MATTERS							
P4 P5	09         91         23.A01         SHERWIN WILLIAMS           09         91         23.A01         SHERWIN WILLIAMS	SM6697 NUGGET SM6804 DIGNITY BLUE							
P6 PL1	09 91 23.A01 SHERMIN WILLIAMS 12 32 00.A01 NEVAMAR	SM6803 DANUBE BLUE SHIMMER HAUTELINK	HLB001T				BREAKROOM BA		
RB1	09 65 13.A01 ROPPE	197 ICEBERG, 4" H STRAIG							
RB2 SC	09 65 13.A01 ROPPE 03 30 00.A21	197 ICEBERG, 4" H COVE							
<b>SS</b> 1 <b>MD</b> 1	12 32 00.A04 WILSONART 06 40 23.A07	COCONUT OIL 910065 PLYWOOD VENEER, WHITE					BREAKROOM CO		
<b>MP</b> 1	09 77 23.A01 MAHARAM	PATTERN: ROVE 466096,	COLOR: 006 MUI	м			STAFF/BREAKRO	DOM	
MP2 MP3	09 77 23.A01 MAHARAM 09 77 23.A01 MAHARAM	PATTERN: MESSENGER 45 PATTERN: MESSENGER 45	•				STAFF/BREAKRO		
			R	DOM FIN	ISH SCHE	DULE			
	ROOM	FI (	DOR			WALLS		CEILING	
N		Finish	Base	North	East	South	West	Finish	Finish
110	Vestibule	50	RB2		<b>P</b> 2	P2		<b>P</b> 1	
111	Storage Managers	50	RB2	P2	P2	<b>P</b> 2	P2	ACT1	8
11 <b>2</b> 11 <b>3</b>	Lift IT	EXISTING SC	EXISTING RB2	EXISTING P2	EXISTING P2	EXISTING P2	EXISTING P2	EXISTING	
114	Staff	SEE FIN FLR	RB1/RB2	P2 P2	P2 P2	see elev	P2 P2	DFP1	1, 3, 4, 7, 8
115	Food Manager		RB1	P2		P3	F2	DFP1	6,7
116 117	Staff Training	SEE FIN FLR C1/C2/C3	RB1/RB2 RB1	P2 SEE ELE∨	SEE ELEV DEP/P2/WD1	P2 DEP/P2/WD1	P2 DEP/P2/ND1	SEE RCP DFP2/WD1	1, 2, 3, 4, 7, 8 2, 3, 5, 6, 7
118	Men's	50	RB2	P2	P2/P4	P2	P2	ACT1	3
11 <b>9</b> 1 <b>20</b>	Nomen's Toilet	SC SC	RB2 RB2	P2 P2	P2 P2	P2 P4	P2/P4 P2	ACT1 P1	3
120 120a	Jan	5C 5C	RB2 RB2	P2 P2	P2 P2	P4 P2	P2 P2		
122	Break Room	30	RB2	P2	P3/PL1/WD1	<b>P</b> 2	See elev	ACT1/MD1	1, 2, 4
123 124	Vest Storage	SC Existing	RB2 EXISTING	P2 P2	P2 P2	P2 P2	P2 P2	ACT2 DFP1	
212	Smallwares 1	EXISTING	EXISTING	P2	<b>P</b> 2	<b>P</b> 2	P2	EXISTING	
212a 213	Closet Bmallwares 2	EXISTING	EXISTING	P2	P2	F2	P2	EXISTING	
213 303	Smallwares 2 Unoccupied	EXISTING SC	EXISTING RB1	P2 P2	P2 P2	P2 P2	P2 P2	EXISTING ACT1	
304	Stair Lobby			P2	<b>P</b> 2	P2	P2		
311 51 <i>00</i>	Unoccupied Storage Bay 1	C1/C2/C3 SC	RB1 EXISTING	P2 P2	P2 P2	P2 P2	P3 P2	EXISTING EXISTING	7
5100 5101	Storage Bay 2	50 50	EXISTING	P2 P2	P2 P2	P2 P2	P2 P2	EXISTING	
5102	Storage Bay 3	30	EXISTING	P2	P2	P2	P2	EXISTING	
5103	Storage Circulation	SC Existing	EXISTING EXISTING	P2 P2	P2 P2	P2 P2	P2 P2	DFP1 Existing	
<b>5103</b> a	Storage Bay 4	5C	EXISTING	P2	<b>P</b> 2	P2	P2	EXISTING	
9103a 9104			EXISTING EXISTING	P2	P2	P2	EXISTING	DFP1	
5104 5105	Food Storage 1	<b>SC</b>		P2	P2	P2	EXISTING	DFP1	
<b>S104</b>		5C 5C 5C	EXISTING	P2	P2	P2	EXISTING	DFP1	
5104 5105 5106	Food Storage 1 Food Storage 2	SC SC		P2 P2 P2	P2 P2 P2 P2	P2 P2 P2	EXISTING	DFP1 DFP1 EXISTING	

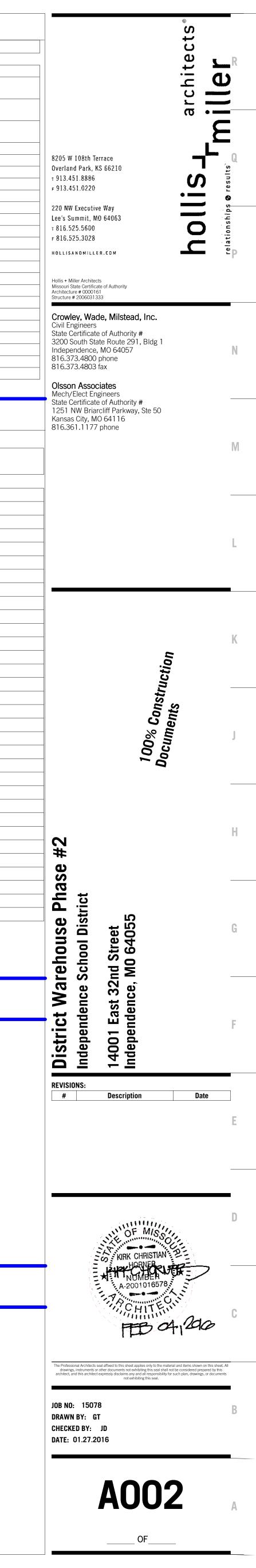


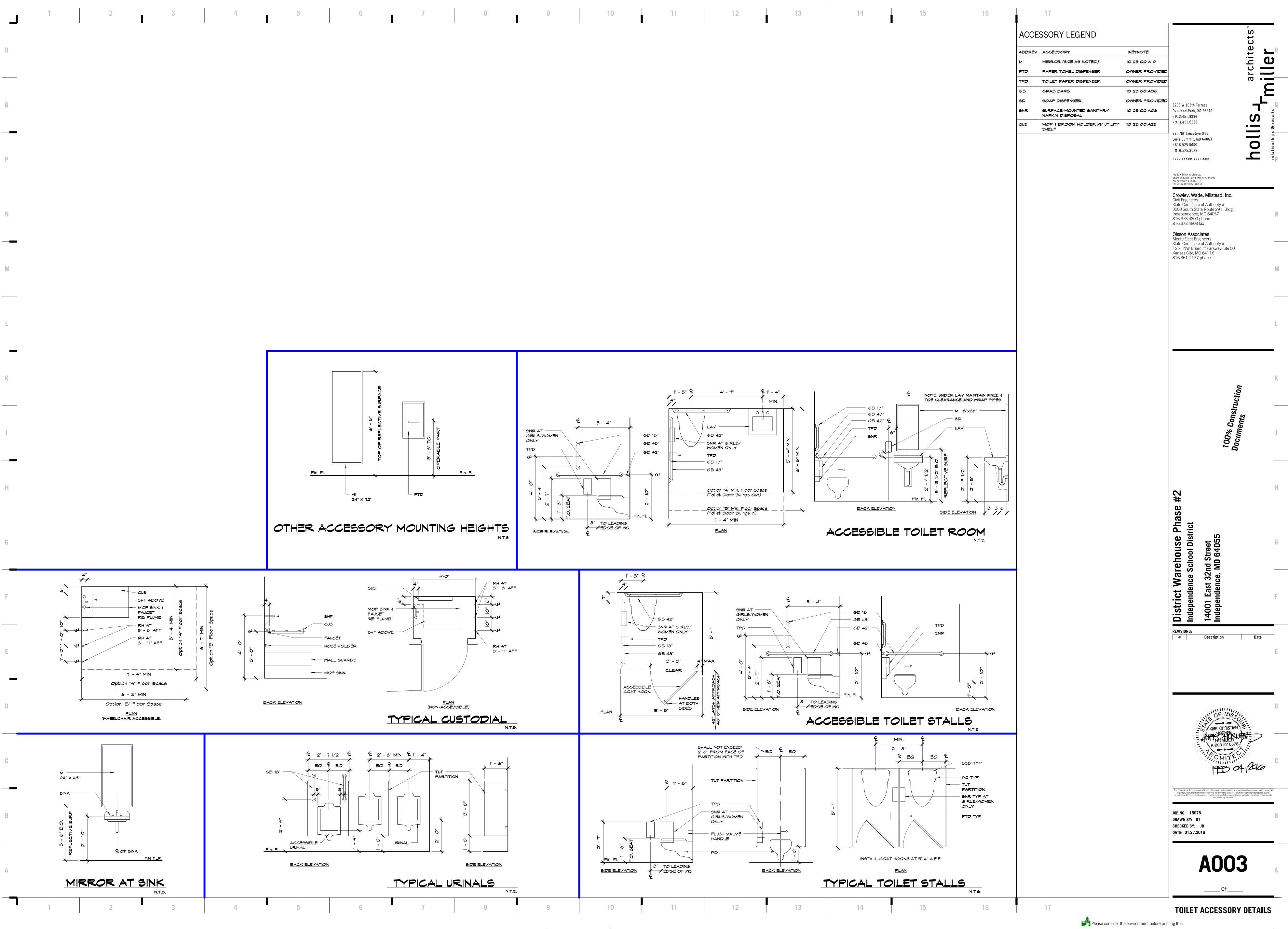


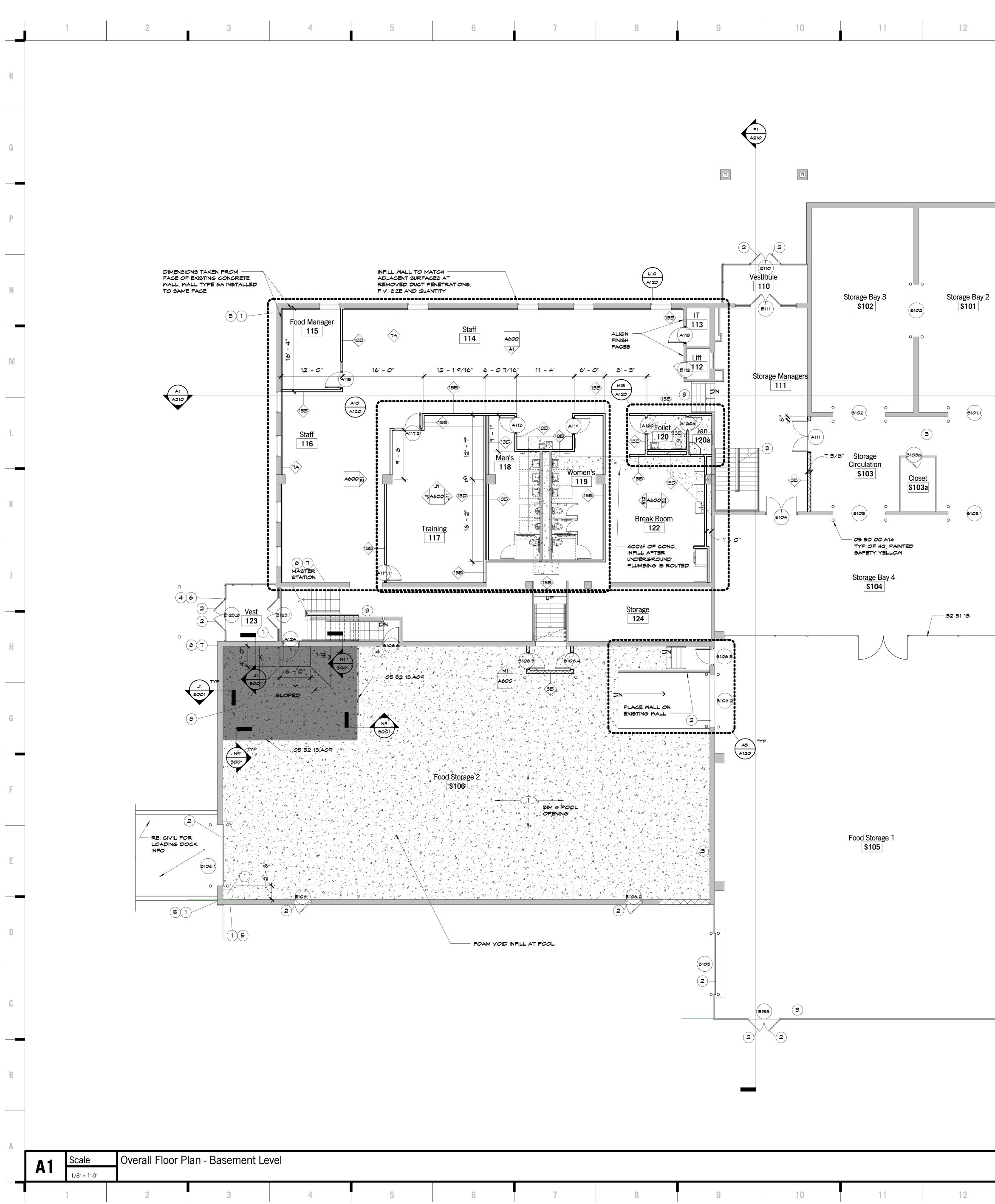
MALL PAINT FINISH TO BE EGGSHELL, U.N.O. CEILING PAINT FINISH TO BE FLAT, U.N.O. HOLLOW METAL DOOR FRAME FINISH TO BE SEMIGLOSS, U.N.O.
 ALL FLOOR TRANSITIONS AT DOORWAYS SHALL BE CENTERED ON THE DOOR JAMB UNLESS DETAILED OTHERWISE.

### FINISH NOTES

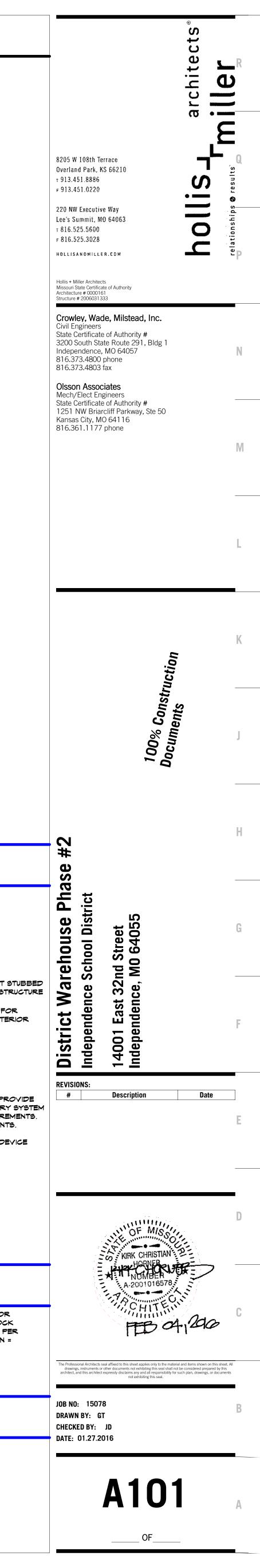
- RE: FINISH FLOOR PLAN FOR TW EXTENTS.
   RE: RCP5 FOR EXTENT OF CEILING TYPES.
   RE: FINISH FLOOR PLANS FOR FLOOR MATERIAL TRANSITIONS & WALL FINISHES.
   RE: INTERIOR WALL ELEVATIONS FOR EXTENT OF WALL FINISHES.
   GYP BOARD IN THESE AREAS TO RECIEVE A LEVEL 5 FINISH.
- 6. DOOR COLOR TO MATCH SHERWIN WILLIAMS SW6804 DIGNITY BLUE, SEMIGLOSS (P5). 7. CARPET TILE C1, C2, C3 TO BE INSTALLED VERTICAL ASHLAR: 33% C1; 33% C2; 33% C3. RANDOM PATTERN.
- 8. EXISTING STAIR TREAD / RISERS, AND LANDING FLOORING TO REMAIN. PROVIDE TRANSITIONS TO ADJACENT FLOORING SURFACES. F.V. CONDITIONS.





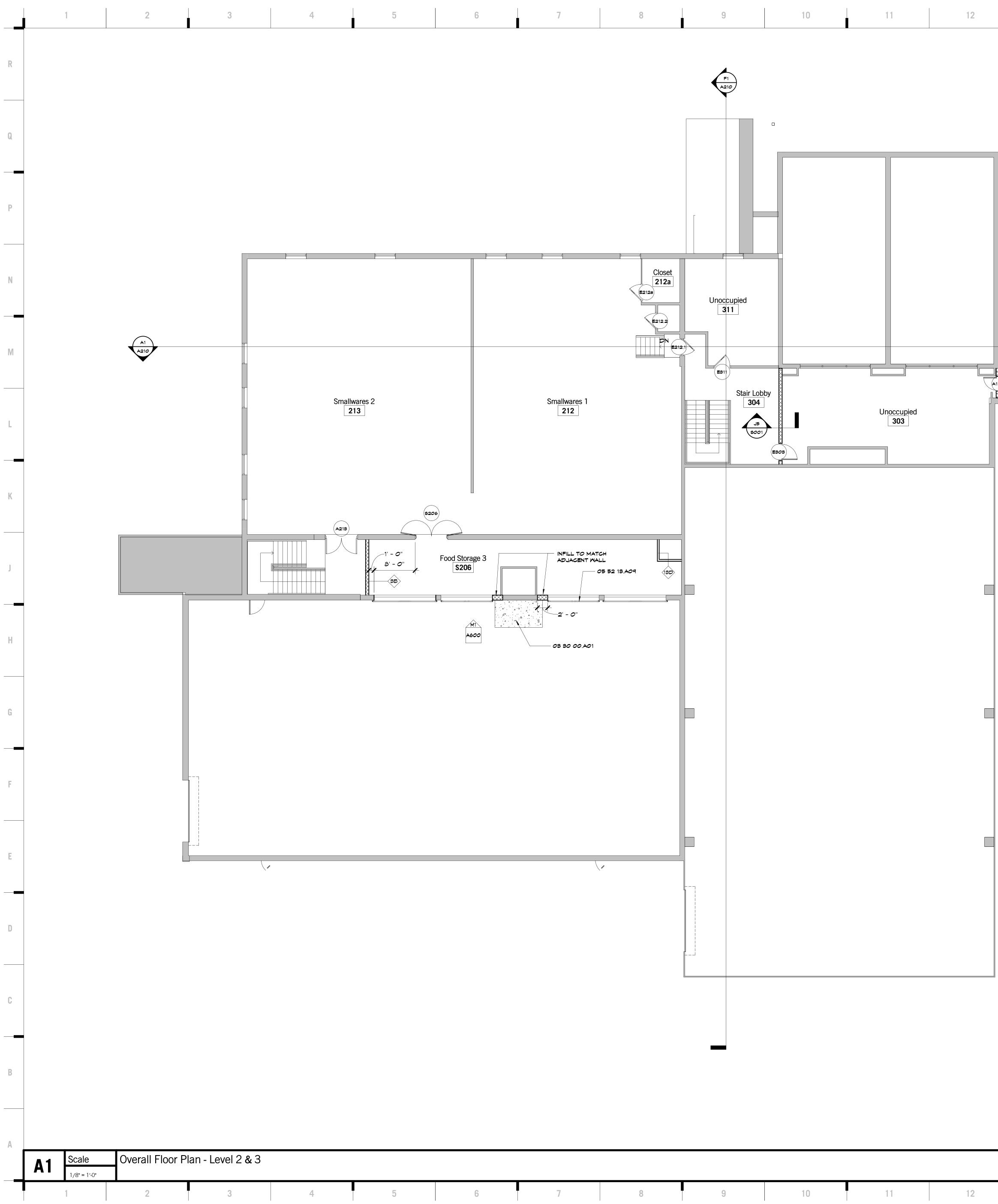


7 8 9 10 11 12 13 14 15	16 17 SHEET KEYNOTE LEGEND
Image: Storage Bay 2     Storage Bay 2     Storage Bay 2       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 2       Image: Storage Bay 3     Storage Bay 2     Storage Bay 1       Image: Storage Bay 3     Storage Bay 2     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 2     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay 2       Image: Storage Bay 3     Storage Bay 3     Storage Bay	25 50 00.403 ALTERNATING TREAD DEVICE 25 50 00.414 BOLLARDS 25 21 13.009 REMOVABLE RAILING SECTIONS 32 31 13 CHAIN LINK FENCES AND GATES
118       Worners       Image: Storage         Break Room       Image: Storage       Image: Storage         Accel or cold       Image: Storage       Image: Storage         Image: Storage       Image: Storage       Image: Storage       Image: Storage         Image: Storage       Image: Storage       Image: Storage       Image: Storage         Image: Storage       Image: Storage       Image: Storage       Image: Storage         Image: Storage       Image: Storage       Image: Storage       Imag	PLAN SECURITY SYSTEM NOTES         1       CAMERA LOCATION         2       DOOR CONTACT         3       MOTION DETECTION         (4)       ACCEDS CONTROL
The set of	<ul> <li>MOUNT SINGLE GANG BOX 10' A.F.F. WITH CONDUIT STUDI TO INTERIOR ABY CEILING / TIGHT TO EXPOSED STRUCT</li> <li>MOUNT SINGLE GANG BOX 46" TO CENTER A.F.F. FOR ACCESS CONTROL WITH CONDUIT STUBBED TO INTERIOR ABY CEILING / TIGHT TO EXPOSED STRUCTURE</li> <li>AIPHONE (VIDEO INTERCOM)</li> <li>WATER DETECTION IN IT ROOM (LOWER LEVEL)</li> <li>NOTE - CONTRACTOR SHALL COORDINATE AND PROVID ALL CONDUIT AND BACK BOXES FOR ALL SECUTIRY SYS WORK ALONG WITH ALL 120Y ELECTRICAL REQUIREMENTS.</li> <li>ALL LOW VOLTAGE WIRING, DEVICES AND FINAL DEVICE INSTALLATION SHALL BE COMPLETED BY: Dave Lockwood ACS Electronics, Inc. 913-344-7160 Cell 913-248-8828 OFFICE dlockwood@acs-1.com</li> <li>PLAN REFERENCE NOTES</li> </ul>
	RETARDER (15 MIL AT GYM) AND 4" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION = 100'-0" UNO SHEET NOTES 1. ALL EXISTING DOORS ARE DRAWN WITH A 45° SWING. ALL NEW DOORS ARE DRAWN WITH 90° SWING. 2. RE: 3000 AND 3001 FOR TYPICAL STRUCTURAL NOTES AND DETAILS 16 17



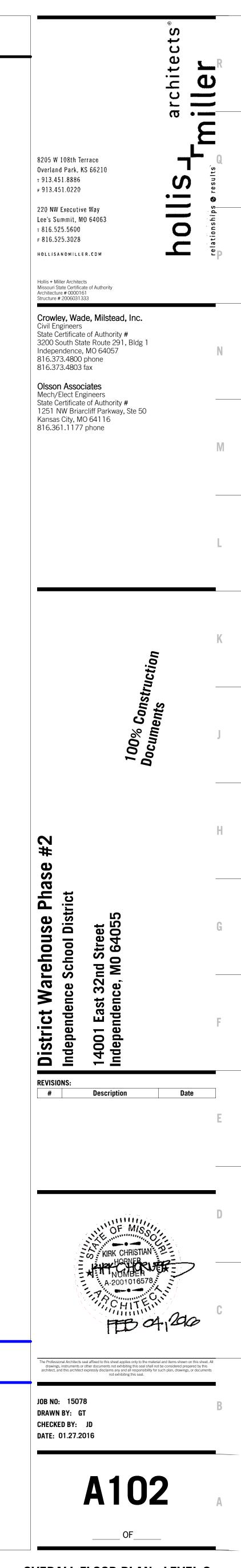
**OVERALL FLOOR PLAN - LEVEL 1** 

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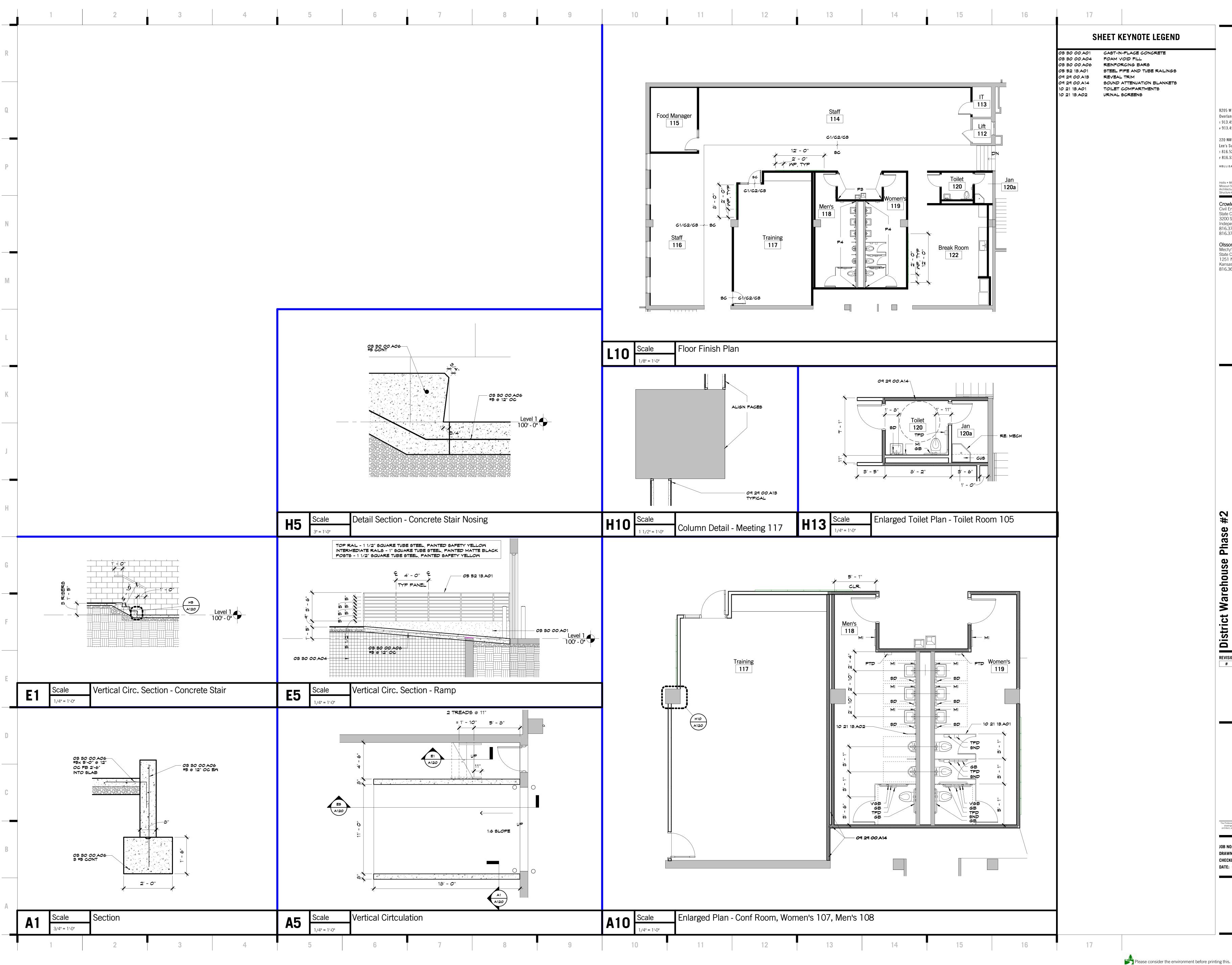


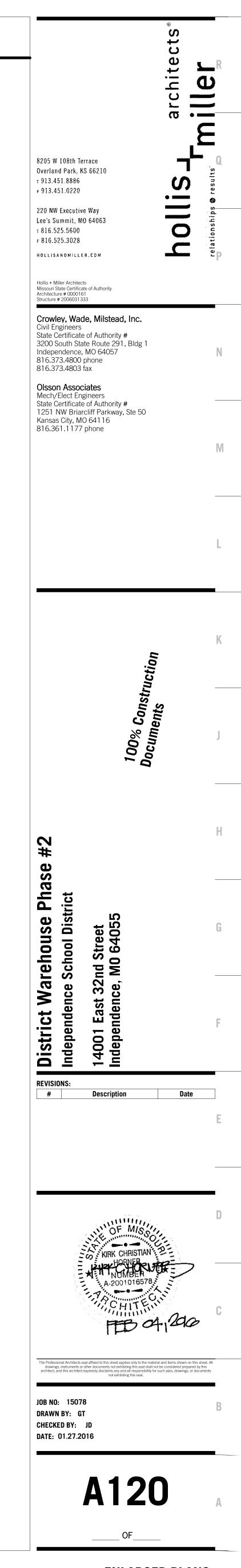
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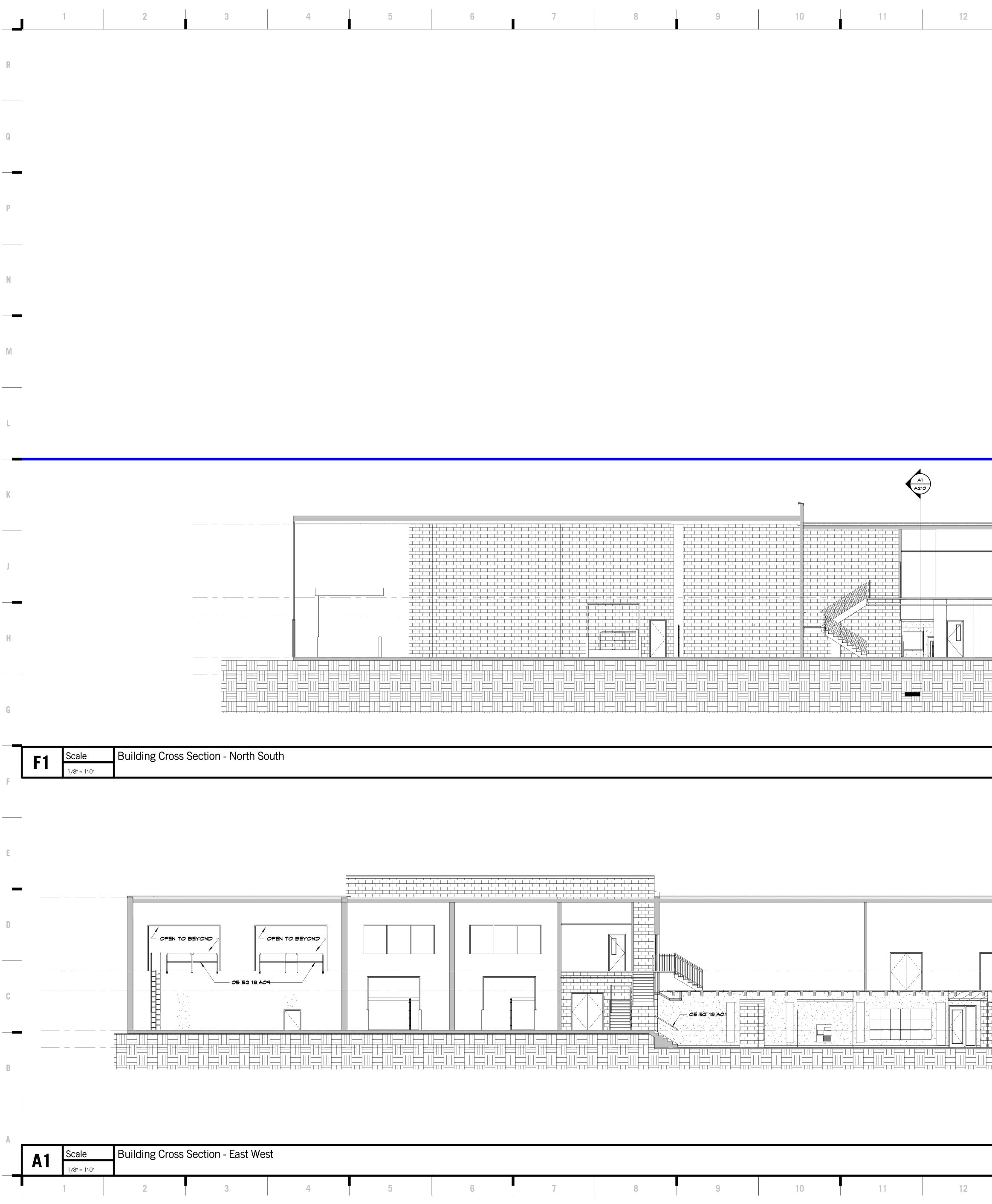
7 8	9	10	11	12	13 14	15	16 17 SHEET KEYNOTE LEGEND
7 8					05 50 00.A08		
							<ul> <li>SHEET NOTES</li> <li>1. ALL EXISTING DOORS ARE DRAWN WITH A 45° SWING. ALL NEW DOORS ARE DRAWN WITH 90° SWING.</li> <li>2. RE: 5000 AND 5001 FOR TYPICAL STRUCTURAL NOTES AND DETAILS</li> </ul>
7 8	9	10	11	12	13 14	15	16 17



**OVERALL FLOOR PLAN - LEVEL 2** 

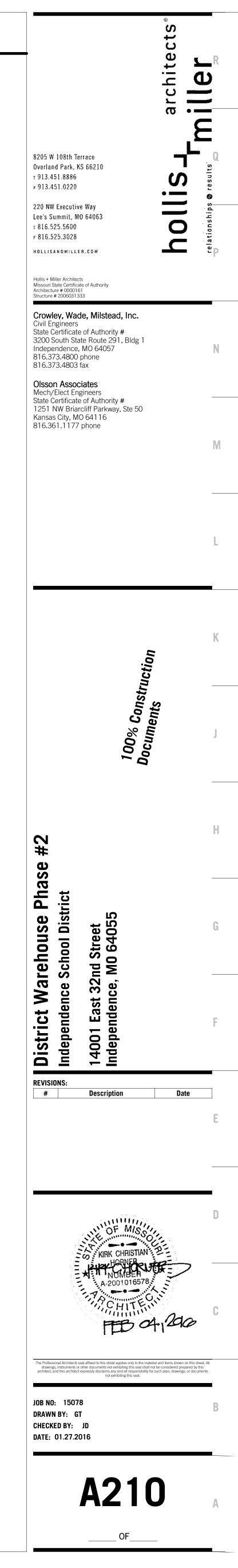


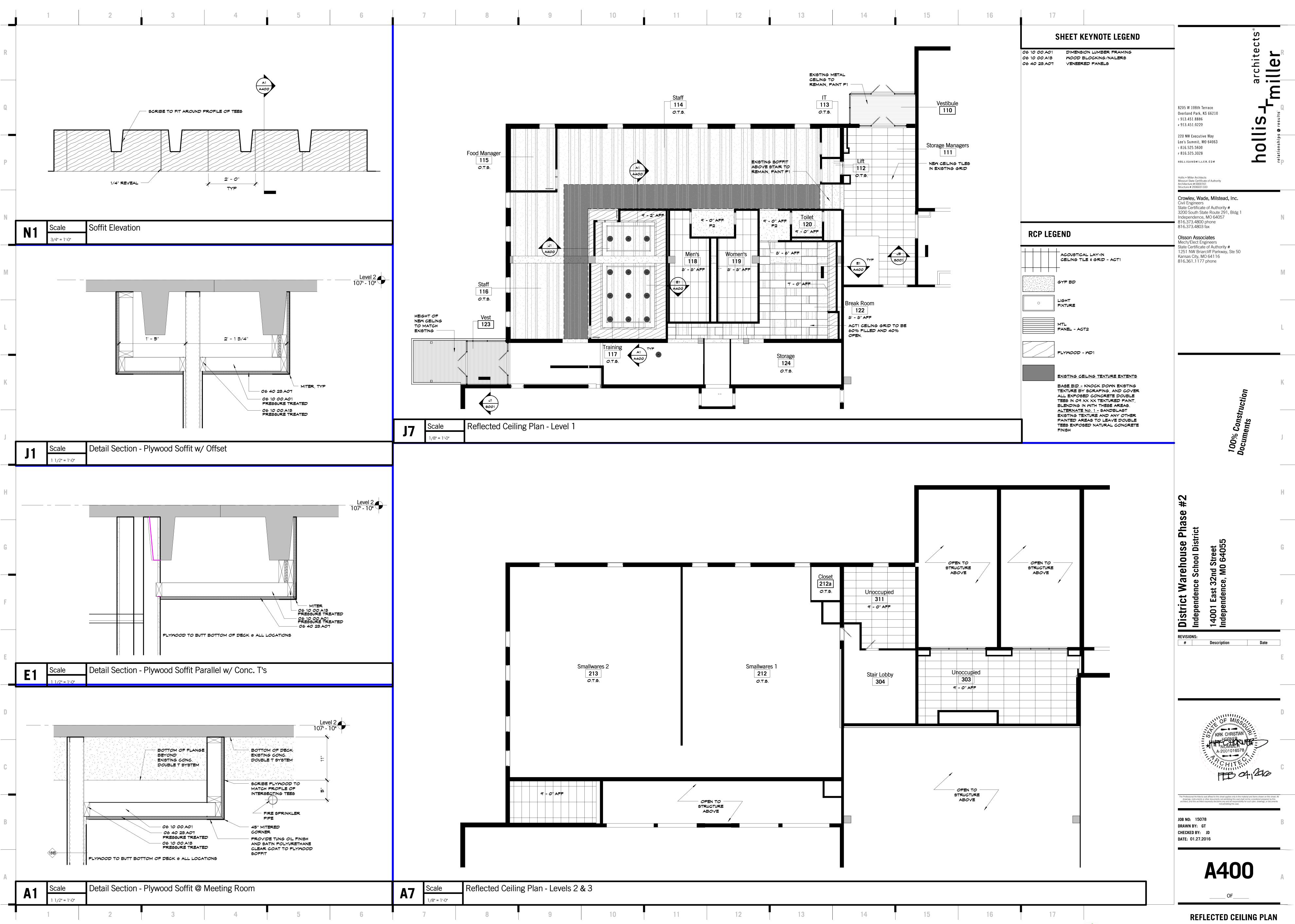


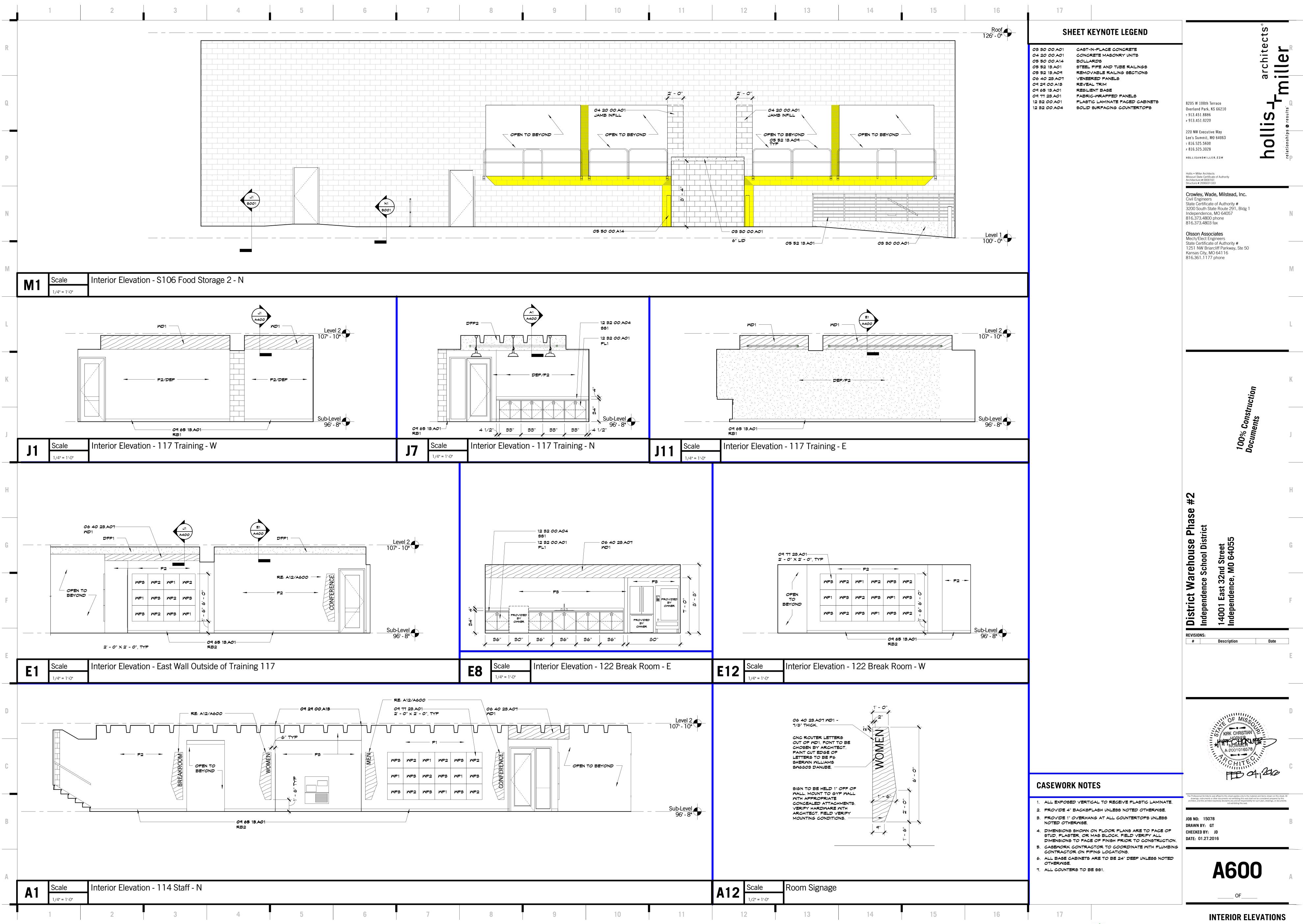


6	7	8	9	10			12	13	14	15			17 05 52 13.A01 05 52 13.A09	STEEL PIPE AND TUB REMOVABLE RAILING	E RAILINGS
												$     \begin{bmatrix}       Roof \\       126' - 0" \\       126' - 0" \\       Level 3 \\       111' - 7" \\       Level 2 \\       07' - 10" \\       Level 1 \\       100' - 0" \\       ub-Level 96' - 8" \\       96' - 8" \\       $			
											1	$     \begin{bmatrix}       Roof \\       126' - 0"     \end{bmatrix}   $ $     \begin{bmatrix}       Level 3 \\       111' - 7"     \\       Level 2 \\       07' - 10"     \end{bmatrix}   $ $     \begin{bmatrix}       Level 1 \\       100' - 0"     \\       Ub-Level 96' - 8"     \end{bmatrix}   $			
Ô	7	8	9	10	1	11	12	13	14	15		16	17		nsider the environment

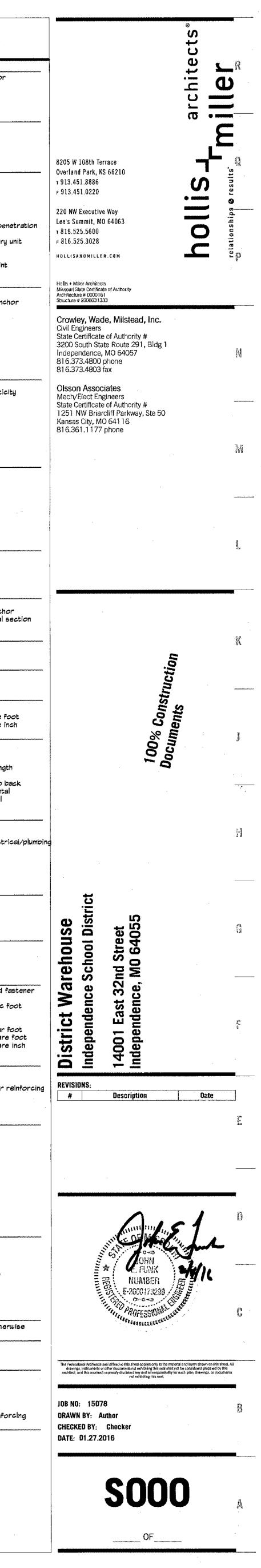
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											F REYNOTE LEGEND
											EL PIPE AND TUBE RAILINGS IOVABLE RAILING SECTIONS
									$     - \frac{Roof}{126' - 0''}     - \frac{Level 3}{111' - 7''}     Level 2     107' - 10''     - \frac{Level 1}{100' - 0''}     - \frac{Sub-Level}{96' - 8''} $		
		05 52 13 A							$     \begin{array}{c}                                     $		
7	8	9	10	11	12	13	14	15	16	17	Please consider the environment

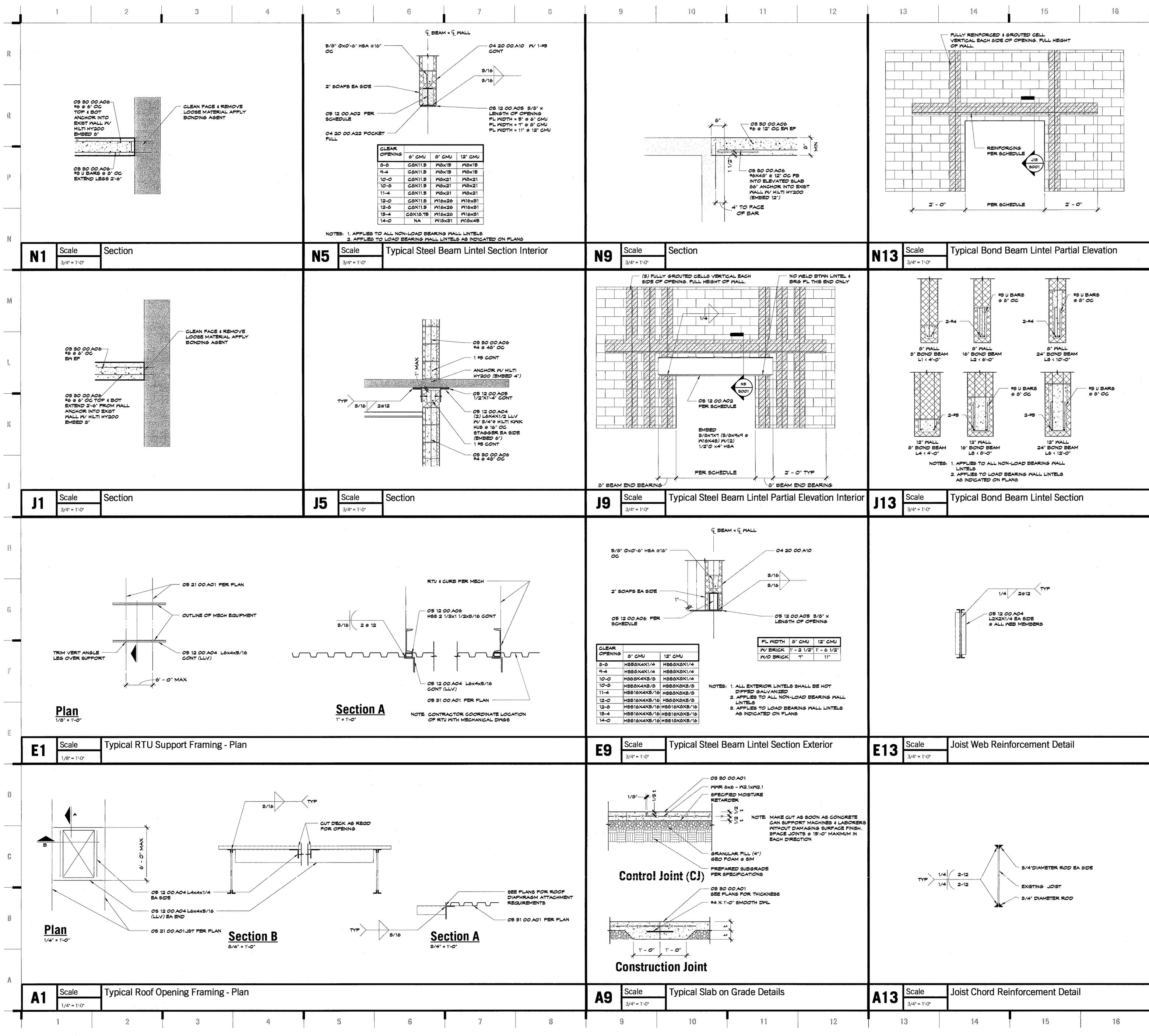






The design and construction shall conform to the 2012 International Building Code (IBC) es amended by the City of Independence, Missouri.	Nood 1. All wood framing shall be designed and arected in accordance with the recommendations of the latest edition of the National Design Specification (NDS) For Wood Construction Manuals.	
sign Loads This project is designed to resist the most critical loads resulting from the basic load combinations outlined in section 1603 of the code.	<ol> <li>All wood framing shall be Douglas Fir-Larch #2 or better with 19% maximum moisture content at the time of manufacture.</li> <li>Blywood</li> </ol>	
crete All concrete and reinforcing details shall conform to ACI 318-11 and CRSI "Manual of Standard	a. Stagger panel ends of roof sheathing. b. H-Clips shall be used for all roof sheathing. 4. At all openings in load bearing walls, provide a minimum 1 bearing jamb stud and 2 full height jamb studs	
Practice". Strength - The following areas shell have a minimum 28 day compressiva strength:	on either side of the opening. 5. All Engineared LVL Lumber shall have the following minimum material properties.	
a.interior flatwork concrete:4000 psib.Exterior flatwork concrete:4000 psic.Columns, beams and structural slabs:5000 psid.Pooting and grade beams:3000 psie.Wells:4000 psi	a. Fb = 2600 psi b. Fv = 285 psi c. E = 1,900,000 psi d. Foli = 2510 psi e. Fc^ = 750 psi	
No water may be added to the concrete mix on the job site unless specifically withheld at the betch plant. The workability should be attained through the use of water-reducing agents and/or super-plasticizing chemical admixtures.	<ul> <li>F. G = 125,000 psi</li> <li>6. Reference the nailing schedule shown in the typical details for minimum requirements.</li> </ul>	
Reinforcing	<ol> <li>Any wood member that rests on or is in contact with concrete, earth or masonry shall be exterior preservative pressure treeted.</li> <li>All metal wood connectors shall perform to a minimum load capacity of the Simpson Strong Tie</li> <li>All metal wood connectors shall be consistent as a minimum load capacity of the Simpson Strong Tie</li> </ol>	
a. Grade 1. Typical reinforcing ASTM A615, Grade 60 2. Welded reinforcing ASTM A706 b. Lap splices and development lengths in reinforcement shall be 48 bar diameters unless indicated elsewhere in the drawings and specifications. Lap welded wire reinforcing one full	products. All connectors shall be capable of resisting the corrosive effects of the exterior preservative pressure treatment and shall be completely installed prior to loading the connections. 9. Stagger end joints of adjacent courses of gypsum wall boerd used as shear wall sheathing. End joints shall not occur over the same vertical stud.	
mesh space plus 2 inches. c. Welded Wire Reinforcing ASTM A185 1. Ali welded wire reinforcing for slab on grade shall be supportad on metal chairs Q	Miscellaneous	
specifically designed for soil bearing conditions. Pulling reinforcing up during concrete placement is not allowed. 2. All welded wire for metal deck supported slab shall be supported by metal chairs with e maximum spacing of 4'-0" on center. Pulling reinforcing up during concrete	1. Site visits will be made by representatives of Hollis and Miller Architects in order to establish the general conformance of the construction to the contract documents. Observations by the Engineer shall not be considered inspections and in no wey relieves the Contractor of any requirements of the contract documents.	
placement is not allowed. d. All concrete shall be reinforced unless specifically identified on the drawings as unreinforced. Reinforce sections with similar conditions located elsewhere on the project.	2. Stability of the structure during construction, including load bearing and non-load bearing masonry walls, is the responsibility of the Contractor. The Engineer is responsible for the stebility of the completed structure only.	
e. All synthetic end steel fiber reinforcement shall be considered secondary reinforcing only. Concrete cover shall be the following.	5. Conflict between the Architectural and Structural Drawings shall be brought to the attention of the Architect and Engineer immediately. When conflicts occur between the drawings and the specifications, the strictest interpretation shall govern.	
a. Concrete cast against and exposed to earth 3" b. Concrete exposed to weather #5 and smaller 1½" c. Concrete exposed to weather #6 and larger 2" d. Concrete not exposed to weather or earth	4. The Enginaer shall not be in control of, have charge of, or be responsible for the construction means and methods. The contractor is solely responsible for all construction means, methods,	
<ul> <li>Concrete not exposed to weather or earth</li> <li>1. Slabs, wall and joist</li> <li>2. Beams and columns</li> <li>1 ½"</li> <li>All openings in slabs, walls, foundations, etc. shall have an additional 2-#5's on eech side, in each</li> </ul>	procedures, tachniques and job sequence. 3. Typical details ere intended to represent typical conditions for the entire project. Typical details may or may not be indicated on plans	
corner of the opaning and eech face of the member. Extend reinforcing 2'-6" beyond edge of opening.	6. All existing field and building conditions shall be verified by the Contractor before any other work shall bagin. Coordinate with Engineer of Record regarding any discrepancy with existing building dimensions.	
The contractor shall provide an additional (10)#4 $\times$ 20'-0" and(10)#5 $\times$ 20'-0" reinforcing to be used at the direction of the Structural Engineer. The contractor shall include all costs associated with material, field fabrication and placing.	7. Submittals a. Submittals are to be based upon the latest submitted contract documents. This includes all addendums, Architectural Supplemental Instructions (ASIS) and Structural	
Aluminum items shall not be embedded in concrete. nry All mesonry design and detailing shall be in accordance with the recommendations of TMS 403/ACL	Supplemental Drawings (SSD's) and Requests for Information (RFI's). b. Submittals shall be original documents. Shop drawings shall not be a duplication, in eny way of the contract documents. This includes, but is not limited to, photocopies, electronic drewing copying or electronic scanning. Any submitted shop drawing that is not	
All masonry design and detailing shall be in accordance with the recommendations of TMS 402/ACI SBO. Materials a. Design strength f'm = 2500 psi	original will be rejected and returned without review. c. Prior to submission of the submittals to the Architect, the Contractor shall raview the shop drawings for conformance to the means, methods, techniques, sequences and operations of construction. The Contractor's review stamp shall be affixed to all shop durations with the the binather of the advisor methods, the descine the	
a. Design strength f'm = 2500 psi Minimum reinforcing for 8" and 12" non-load bearing masonry shall be (1)#4 at 48" on center minimum. Reference the Architecturel drawings for location of all non-load bearing wells.	drawings prior to Architect or Structurel Engineer review. Shop drawings not bearing the Contractor's review stamp will be returned without review. d. Design Calculations - All calculations shall be signed and sealed by a professional engineer licensed in tha state of the project. Provide the following design calculations for review:	
Control joints in all masonry shall be at 20 feet maximum on center unless Indicatad elsewhere in the drawings and specifications. All horizontal joint reinforcement shall be discontinuous at vartical control joints. All horizontal reinforcement in bond beams shall be continuous through vertical	1. Steel Stairs Framing 2. Glulam Framing and connection design e. Submittals - Provide the following submittals for review: 1. Concrete Mix Design and Materials	
control joints. Reference Architectural plans and elevations for joint location and typical details. All CMU shell be running bond unless otherwise noted in the contract documents. When stacked bond is used for wall framing, the Contractor shall provide a continuous bond beam at 4'-	<ol> <li>Concrete Reinforcing</li> <li>Embedded Items (plates, angles, etc.)</li> <li>Masonry Products and Materials</li> <li>Masonry Reinforcing</li> <li>Miscellaneous Steel including lintels, stairs, etc.</li> </ol>	
O" on center vertically, reinforced with 1-#4 continuous. Reinforcement Details a. Rebar positioners shall be used for all reinforcing and all vertical cells should be free of	6. Miscellaneous Steel Including Intels, stairs, etc. 7. Metal Deck 8. Glulam Framing f. Substitutions are allowed prior to bid only. Reference the specifications for timing of submission	
debris and excess mortar such that a minimum space of 3" by 3" is maintained to ease the	Special Inspections (based on 2012 IBC, Chapter 1704)	
<ul> <li>Locate wall reinforcing at jambs, ends of walls and each side of control joints. Reference typical details for additional reinforcing information.</li> <li>Reinforcing shall be placed prior to grouting.</li> </ul>	<ol> <li>Spacial inspection reports shall be submitted to the Building Official, Owner, Architect, Engineer, Contractor, Sub-Contractor and any other pertinent entity in a timely manner.</li> <li>All discrepancies found by the special inspector shall immediately be brought to the attention of the</li> </ol>	
Grout shall be consolidated by means of mechanical vibration unless self-consolidating grout is used. Grout solid all units below grade and below finish floor.	general contractor and corrected. If the contractor is unable to correct the discrepancy, the special inspector shall notify the Architect and Engineer. 3. Upon completion of the project, the special inspector shall submit a final report delineating that the	
tural Steel All steel fabrication and erection shall be in accordance with the requirements and recommendations	work was, to the best of the inspector's knowledge, completed in conformance with the approved contract documents and applicable building code. 4. The Owner shall retain special inspection sarvices for the itams listed below. The Contractor shall	
of the American Institute of Steel Construction (AISC) Manual of Steel Construction, 14th edition a. Steel design shall be per Allowable Stress Design or Load and Resistance Factor Design as outlined by AISC.	provide light gerneral labor as required to assist with special inspections. 5. Concrete a. Reinforcing steel placement	
Grade a. Channels, angles and plates ASTM A36 b. Squere hollow structural shapes ASTM A500, Grade B (46 ksi) c. Connection material ASTM A36	b. Embedded items in concrete c. Concrete placement technique d. Sempling of fresh concrete	·
Thermal cutting is not allowed in the field.	6. Masonry a. Reinforcing steel placement b. Sampling of fresh grout and mortar c. Grout placement technique	
The contractor shall supply all miscellaneous steel as required by the contract documents. Miscellaneous steel shall include, but is not limited to, shalf angle, glass support, lintels, catwalks and other steel required for stabilization of architecturel elements.	d. Level 1 speciel inspection required 7. Steel (includes structural steel, joist, deck and anchor rod placement)	
Deck Steel roof and floor deck shall be designed, fabricated and erected in accordance with the recommendations of the latest edition of Steel Deck Institute (SDI) Manual.	a. Periodic 1. Single-pass fillet welds not exceeding 5/16 inch in size. 2. Floor and roof deck attachment 3. Headed stud anchors	
Roof diaphragm shear connections shall be minimum 5/8" puddle walds 36/5 with 4-#10 TEK screw in nested side laps. The Contractor shall verify the diaphragm shear connection design with the diaphragm shear loads provided on the plens.	<ol> <li>4. Welding of stairs and railing systems</li> <li>5. High strength boits</li> <li>b. Continuous</li> <li>1. Partiel and full penetration welds.</li> </ol>	
Crimped or button punched side lap fastening is not allowed for any roof deck or floor deck. All roof deck shall be designed for a net uplift of 15 psf in the corners, 12 psf at the edges and 10	2. All other welding not covered in periodic inspections. B. Wood a. Nailing	
psf in the field of the building. Edge zone = 10 feet installed Anchors	b. General framing 9. Post installed Anchors	
<ul> <li>All post installed anchors shall be installed per the manufactures recommendations.</li> <li>a. Install expansion anchors per the manufactures recommended standard embedment unless otherwise noted in the contract documents.</li> <li>b. The embedment of all post installed anchors shall be defined as the distance from the surface</li> </ul>		
of the loaded material and the deepest part of the anchor after the anchor is placed but not expanded. All expansion anchors shall perform to a minimum load cepacity of the Hilti Kwik Bolt 3 or approved		
equal. All adhesive anchors embedded in concrete shall perform to a minimum load capacity of the Hilti Hit HY-200 MAX Adhesive Anchors.		
All anchors shall be stainless steel at exterior exposed conditions.		





### SHEET KEYNOTE LEGEND 03 30 00.A01 CAST-IN-PLACE CONCRETE REINFORCING BARS 03 30 00.A06 04 20 00.A10 MASONRY LINTELS (SITE CAST) 04 20 00.A22 GROUT 05 12 00.A02 w shape 05 12 00.A04 ANGLE

COLD-FORMED HSS

PLATE

STEEL JOIST

Roof Deck

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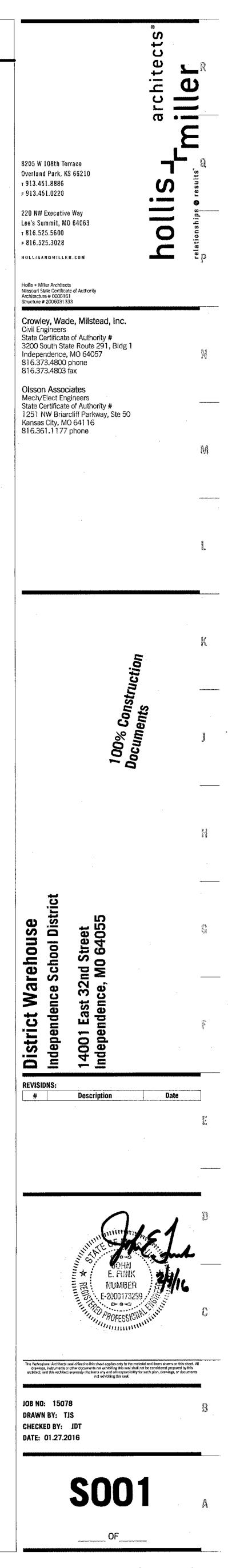
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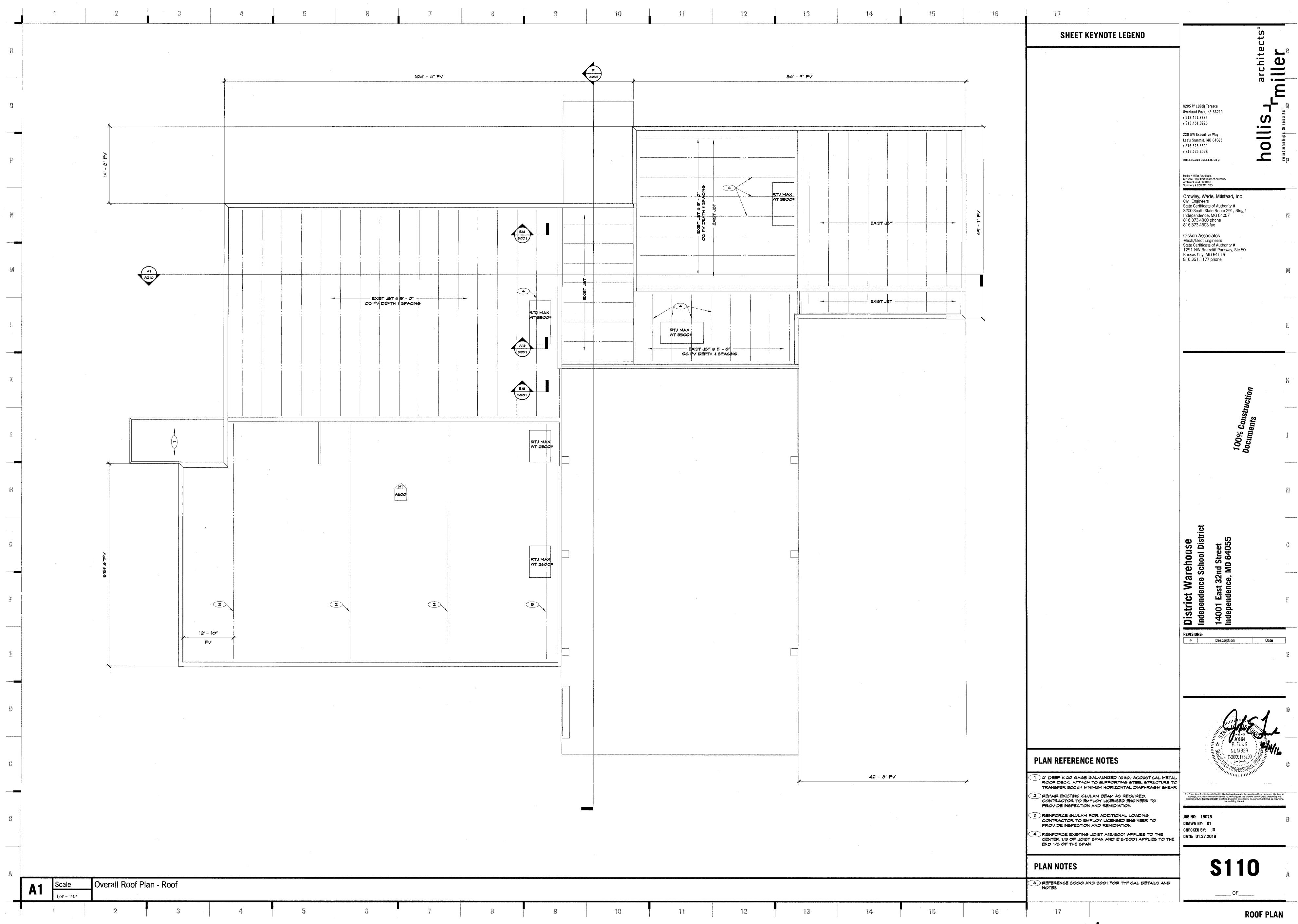
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DUCTWORK	PIPING/	PLUMBING		ELECTRICAL	
<u>SYMBOLS</u>	VALVES	CONTROL VALVES	WIRING	<u>LIGHTING</u>	ONE-LINE/DETAIL
	ANGLE VALVE		GROUND HOT	2'x4' FLUORESCENT LIGHTING FIXTURE, 'A' INDICATES FIXTURE TYF	PE A DRAW OUT (TYPICAL)
DUCTWORK TO BE REMOVED			NEUTRAL "LP1" HOMERUN TO PANELBOARD. 3/4" CONDUIT. NUMBER OF ARROWS INDICATES NUMB OF CIRCUITS. "LP1" INDICATES PANEL DESIGNATION: 2 INDICATES PANEL CIRCUIT.		
L L NEW DUCTWORK SIZE AS INDICATED	BALL VALVE	S SILENOID ACTUATOR	TICK MARKS INDICATE #12 WIRING.		BUS PLUG CIRCUIT BREAKER
J€#0300 Y ÁVÚ Y Þ	BALANCING VALVE (2-1/2" & SMALLER)		2,4 INDICATES TWO SEPARATE CIRCUITS. 2/4 INDICATES A SINGLE 2-POLE CIRCUIT.	A 1'x4' FLUORESCENT LIGHTING FIXTURE, 'A' INDICATES FIXTURE TYF	
SOUND ATTENUATOR, SIZE AS INDICATED	BALANCING VALVE (3" & LARGER)	PNEUMATIC OPERATED ACTUATOR (CYLINDER/PISTON TYPE)	– – – – CONCEALED CONDUIT (BELOW FLOOR)	2'x2' FLUORESCENT LIGHTING FIXTURE, 'A' INDICATES FIXTURE TYFA	PE MED VOLTAGE DRAWOUT POWER CIRCUIT BREAKER
			— J J "J" HOOK RACEWAY	6"x48" FLUORESCENT LINEAR	
	CHECK VALVE (3" & LARGER)	DIAPHRAGM VALVE PNEUMATIC OPERATED ACTUATOR	CABLE TRAY AS DESCRIBED ON DRAWINGS	<ul> <li>RECESSED DOWNLIGHT</li> <li>WALL WASH FIXTURE</li> </ul>	SPD SURGE PROTECTIVE DEVICE
	CONTROL VALVE (THREE-WAY, PNEUMATIC)	WYE PNEUMATIC OPERATED ACTUATOR (DIAPHRAGM TYPE)	O CONDUIT UP		<ul> <li>INTEGRAL DISCONNECT SWITCH</li> <li>AMP SWITCH</li> </ul>
RECTANGULAR ECCENTRIC DUCT TRANSITION	CONTROL VALVE (TWO-WAY, PNEUMATIC)	PANEL MOUNTED SOLENOID VALVE	C CONDUIT DOWN	→ → → → A FLUORESCENT STRIP LIGHT FIXTURE, 'A' INDICATES FIXTURE TYPE	ANALOG AMMETER
RECTANGULAR CONCENTRIC DUCT TRANSITION		REFER TO INSTRUMENT LOGIC SYMBOLS FOR TRANSDUCER TYPE	POWER	DDDD       POWER LIGHT TRACK WITH NUMBER OF FIXTURES AS INDICATED         ON PLANS; SUBLETTER INDICATES FIXTURE TYPE	Image: Notation of the second seco
SUPPLY AIR	CONTROL VALVE (THREE-WAY, MOTORIZED)		60/3 NON-FUSED DISCONNECT SWITCH. ##/# INDICATES AMPACITY	OR      PENDANT FIXTURE, CHAIN OR STEM MOUNTED	ANALOG POWER FACTOR METER     ANALOG WATT METER
RETURN AIR	ーー「ご」ーー「聞ーー・」 CONTROL VALVE (THREE-WAY, MOTORIZED) 工作1 「 、 、		AND # OF POLES. PHYSICAL SIZE AS SHOWN ON PLAN. FUSED DISCONNECT SWITCH. 60/40/3 INDICATES 60/40/3 FRAME AMPACITY/FUSE AMPACITY/# POLES. PHYSICAL SIZE AS SHOWN ON PLAN.	D BOLLARD	<ul> <li>TRANSDUCER WITH CORRESPONDING VALUE</li> <li>SHORTING BLOCK</li> </ul>
		FITTINGS & ACCESSORIES	1 MAGNETIC MOTOR STARTER. 1 INDICATES NEMA STARTER RATING.	GROUND MOUNTED FLOOD	CURRENT TRANSFORMER
	→ FLEXIBLE CONNECTION (CONVOLUTE TTPE)	FLANGED CONNECTION/BLIND FLANGE      FLUSH SANITARY FITTING	COMBINATION DISCONNECT SWITCH AND MOTOR STARTER. 1 INDICATES	↔ OR ↔ POLE MOUNTED WITH ARM	© COIL 
BD EEEE BACKDRAFT DAMPER	GAS COCK	→ PIPE DROP/PIPE RISE	DUPLEX GROUNDING TYPE RECEPTACLE OUTLET - RATED 20-AMP.		
		BOTTOM OUTLET TEE	中 DOUBLE DUPLEX GROUNDING TYPE RECEPTACLE OUTLET		SHIELDED DISTRIBUTION TRANSFORMER
(F) ===== COMBINATION FIRE/SMOKE DAMPER	GATE VALVE (3" & LARGER)		中世 DEVICE MOUNTED 6" ABOVE COUNTER (TYPICAL SYMBOL FOR FOR ALL RECEPTACLE SYMBOLS)	CEILING MOUNTED EXIT LIGHT (EMERGENCY POWER)	দ্রান্ডন VFD নিস্টার্শন COMBINATION MOTOR STARTER/DISCONNECT
		SANITARY CLAMP     HIGH PRESSURE SANITARY CLAMP     SOREWED CONNECTION	W DUPLEX GROUNDING TYPE RECEPTACLE OUTLET WITH WEATHERPROOF COVER.		
	GLOBE VALVE (3" & LARGER)		$\phi$ $GFCI$ $GFCI$ $GFCI$ $GFCI$ $OUPLEX GROUND FAULT INTERRUPTER CIRCUIT TYPE RECEPTACLE OUTLET \phi C OUPLEX RECEPTACLE OUTLET - "C" INDICATES CEILING MOUNTED H$	SWITCHES	FUSED DISCONNECT SWITCH
(?)     DEVICE       (?)     WALL MOUNTED DEVICE			TV DUPLEX RECEPTACLE OUTLET FOR TELEVISION. MOUNTING HEIGHT AS NOTED ON PLANS.	S SINGLE-POLE, SINGLE-THROW WALL SWITCH	⊥ T ≯ MOTOR STARTER DISCONNECT SWITCH
S DUCT MOUNTED SMOKE DETECTOR			SIMPLEX 125-V., 2-POLE, 3-WIRE RECEPTACLE OUTLET - WALL OR FLOOR MOUNTED         SAME AS ABOVE - EXPLOSION PROOF	S <sub>2</sub> DOUBLE-POLE, SINGLE-THROW WALL SWITCH	់/ ក តា
$AD  \  \  \  \  \  \  \  \  \  \  \  \  \ $	☐ → PRESSURE RELIEF VALVE	HOSE BARB FITTING       FLEXIBLE CONNECTOR	SPECIAL-PURPOSE RECEPTACLE. AMPERAGE AND VOLTAGE AS INDICATED ON	S <sub>3</sub> THREE-WAY WALL SWITCH S <sub>4</sub> FOUR-WAY WALL SWITCH	
VICE TYPE			PLANS. VERIFY NEMA CONFIGURATION WTIH EQUIPMENT MANUFACTURER.	SP SINGLE-POLE SWITCH WITH PILOT LIGHT	
	STRAINER (2-1/2" & SMALLER)	-Ò́,- SPRAY BALL IIII SIGHT GLASS	POWER POLE. "P" INDICATES POWER, "T" INDICATES TELEPHONE. "D" WOULD INDICATE DATA. PROVIDE AS INDICATED ON PLAN.	SD SINGLE-POLE DIMMER SWITCH	TRANSIENT VOLTAGE SURGE SUPPRESSOR
VICE TYPE RETURN AIR DEVICE DESIGNATION		STRAINER ("Y" TYPE) STRAINER ("Y" TYPE) WITH BLOWDOWN	INDICATE DATA. PROVIDE AS INDICATED ON PLAN.       INDICATE DATA. PROVIDE AS INDICATED ON PLAN.       WALL MOUNTED JUNCTION BOX.	SM MOTOR SWITCH WITH THERMAL OVERLOAD PROTECTION SK SINGLE-POLE KEYED SWITCH	
	→→→ →→→ STEAM TRAP (INVERTED BUCKET)	していた。 MUFFLER/SILENCER	J J FLOOR OR CEILING MOUNTED JUNCTION BOX.	SK3 KEYED 3-WAY SWITCH	
	STEAM TRAP (FLOAT & THERMOSTATIC)		<ul> <li>(B) OUTLET BOX WITH BLANK COVER PLATE</li> <li>⊢(C) CLOCK HANGER OUTLET</li> </ul>	Sk4KEYED 4-WAY SWITCHSmcMOMENTARY CONTACT SWITCH	
GENERAL		SANITARY THERMOWELL	MOTOR	SPROJ PROJECTOR SCREEN RAISE/LOWER SWITCH	PROTECTIVE RELAY
NOTE DESIGNATION - DEMOLITION (ALL)	BALANCING VALVE	LOCALLY MOUNTED PRESSURE (PI) OR TEMPERATURE (TI) GAUGE	NEW PANELBOARD	Soc OCCUPANCY SENSOR SWITCH	GENEATOR DELTA
## NOTE DESIGNATION - MECHANICAL NEW WORK	TRIPLE DUTY BALANCING VALVE      BALL VALVE	SANITARY STEAM TRAP	EXISTING PANELBOARD         NEW TRANSFORMER. SIZE AS INDICATED ON PLANS.	CEILING MOUNTED OCCUPANCY SENSOR	> WYE
(##) NOTE DESIGNATION - ELECTRICAL NEW WORK	BUTTERFLY VALVE     CHECK VALVE		EXISTING TRANSFORMER. SIZE AS INDICATED ON PLANS.	C     LIGHTING CONTACTOR       H)     EMERGENCY SHUT-OFF SWITCH	
(## NOTE DESIGNATION - PIPING/PLUMBING NEW WORK		FLOAT & THERMOSTATIC STEAM TRAP	POKE THROUGH DEVICE. "P" INDICATES POWER, "D" INDICATES DATA. "T" INDICATES TELEPHONE. INSTALL AS DESCRIBED ON PLANS.	ÉPO	$\rightarrow \leftarrow \mid_{l}$ LIGHTNING ARRESTOR
##     REVISION FROM ORIGINAL DOCUMENT	GAUGE COCK	INVERTED BUCKET STEAM TRAP	R     RELAY AS DECRIBED ON PLAN.	SECURITY	TRANSFER SWITCH (AUTOMATIC/MANUAL; 3P/4P AS INDICATED ON 1-LINE DIAGRAM
TION EQUIPMENT TAG DESIGNATION		PP PRESSURE POWERED PUMP	Image: Plug-in, branch circuit switches.         Image: Variable frequency drive	CR   CARD READER   CEILING MOUNTED DOME STYLE SECURITY     KP   KEYPAD	RACKOUT BYPASS TRANSFER SWITCH;
		FILTER	ELECTRIC DOOR ACTUATOR PUSH PLATE	Image: Constant in the second seco	STATIC BYPASS SWITCH
r SECTION CUT DESIGNATION	Angle valve			ML MAGNETIC LOCK 〈〉 MOTION SENSOR ES ELECTRIC STRIKE	
ING RE: 3/M2 REFERENCE DESIGNATION	RUPTURE DISC FOR PRESSURE/VACUUM RELIEF		WALL MOUNTED TELEPHONE OUTLET	ER EXIT REQUEST	
ER	AUTOMATIC AIR VENT		COMBINATION TELEPHONE/DATA DEVICE	BM BIOMETRIC READER	
CONNECT TO EXISTING	Image: Marchaeter     Image: Marchaeter		<ul> <li>✓ DATA JACK</li> <li>✓ ▲ DEVICE MOUNTED 6" ABOVE COUNTER</li> </ul>	FIRE DETECTION/PROTECT	TION NURSE CALL SYMBOLS
SPEC1_SPEC2PIPE SPECIFICATION CHANGE			WAP WIRELESS ACCESS POINT		NCMS NURSE CALL MASTER STATION
				FS SPRINKLER FA FLOW SWITCH	T DETECTOR. SUBLETTER "B" INDICATES 物やOCEVÄÖÒVÒÔVUÜÈ SLC CORRIDOR LIGHT-CEILING MOUNT
# INSULATED EQUIPMENT			(S) CEILING MOUNTED SPEAKER	SSSPRINKLER FA SUPERVISORY SWITCHPSSPRINKLER FA PRESSURE SWITCH	ALARM BELL NC NURSE CALL CORRIDOR LIGHT - CEILING
			VC SOUND SYSTEM VOLUME CONTROLLER	SMOKE DETECTOR (ION, P, EL)	PHONE JACK NURSE CALL CORRIDOR LIGHT CEILING CEILENS COLOR BLUE "MENS ROOMS
			MICROPHONE JACK - FLOOR OR WALL	· · · · · · · · · · · · · · · · · · ·	N OR FM200 TANK
#INSULATED PIPE WITH ELECTRIC HEAT TRACING			C     WALL CLOCK       INTERCOM STATION. "M" INDICATES MASTER.		ER MIST TANK NPB NURSE CALL EMERGENCY STATION - PL
					ALARM CONTROL PANEL
CONNECT TO EXISTING, OPTIONAL NUMBER DESIGNATION			SPECIAL SYSTEMS INSTALLATION REQUIREMENTS  1. WALL MOUNTED TELEPHONE OUTLET. FOR WALL INSTALLATION, PROVIDE AND INSTALL A FLUSH DEVICE BOX, AND PULLSTRING IN WALL STUD SPACE TO ABOVE CEILING.	T5 FIRE AUDIBLE/VISUAL COMBINATION	OTE ANNUNCIATOR PANEL
SLOPE FLOW ARROW			MOUNT DEVICE BOX CENTERLINE AT ELEVATION NOTED ON THE PLANS.	CANDELA NUMBER DESIGNATION (TYP. FOR ALL STROBES)	
GPM OR CFM				FIRE ALARM VISUAL DEVICE	
NE TYPES				CEILING MOUNTED STROBE	
MAIN PROCESS OR UTILITY LINE				(F) CEILING MOUNTED SPEAKER	
FUTURE LINEWORK					
Skid or package boundary       Software       X     Demolition			ANNOTATION		
MATCHLINE	<b>BUILDING SYSTEMS</b>	PLUMBING	PROCESS		
	CA-CA-CA-COMPRESSED AIR PIPING	S	AC ACE ILENE		
	CHWS CHILLED WATER SUPPLY PIPING		NDUSTRIAL COLD WATERAWACID WASTE		
	CHWR CHILLED WATER RETURN PIPING		ION-POTABLE WATER SUPPLY PIPING		
	CWTT CONDENSER WATER TO TOWER	Image: height pressure condensate     Image: height pressure condensate       Image: height pressure condensate     Image: height pressure condensate	HOT WATER PIPING     SCIPRS     CLEAN IN PLACE RETURN PIPING       HOT WATER CIRCULATING PIPING     SCSS     CLEAN STEAM		
	DR     DR     CONDENSATE DRAIN PIPING     D     D     D     D	IOW PRESSURE STEAM     SFT     SFT	SOFT WATER STM(F) FILTERED STEAM		
	PCHWS     PROCESS CHILLED WATER SUPPLY	MPS     MEDIUM PRESSURE STEAM       MEDIUM PRESSURE STEAM	DE-IONIZED WATER		
	PCHWR     PROCESS CHILLED WATER RETURN     GCHWS     GLYCOL CHILLED WATER SUPPLY	MPC         MEDIUM PRESSURE CONDENSATE           MPC         TWR         T           MG         NATURAL GAS         MATURAL GAS	EMPERED WATER RETURN     GASEOUS NITROGEN		
	GCHWR GLYCOL CHILLED WATER RETURN	YAC         VAC         V           Y         PC         PUMPED CONDENSATE         Y           Y         Y         Y         Y           Y         Y         Y         Y           Y         Y         Y         Y           Y         Y         Y         Y	HE		
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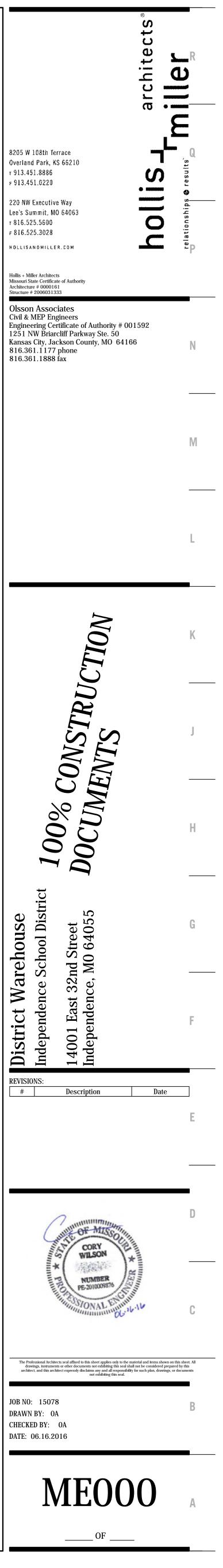
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	$\square$	CEILING MOUNTED DOME STYLE SECURITY CAMERA
CONTACT	ĽŊ	CEILING MOUNTED AISLE STYLE SECURITY CAMERA
TIC LOCK	$\Diamond$	MOTION SENSOR
RIC STRIKE	C	EMERGENCY CALL STATION
QUEST		



CEUERAL ABBREVIATIONSC0ABUSTANEC0NADUTION OR ADDITIONALC0NADUSTANEC0NADUSTANEC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC0NADACENTC1ALTENATEL1MALUMINUMC1ALTENATEL1MALUMINUMC1DATOMATCPPROXAPPROXIMATEC1DALUMINUMBUEDKBULDINGC1DALUMINUMBUEDKBULDINGC1DBUTION OF FOOTINGC1DBUTION OF FOOTINGC1DCONCENTC1DCONTINGC1DCONTI

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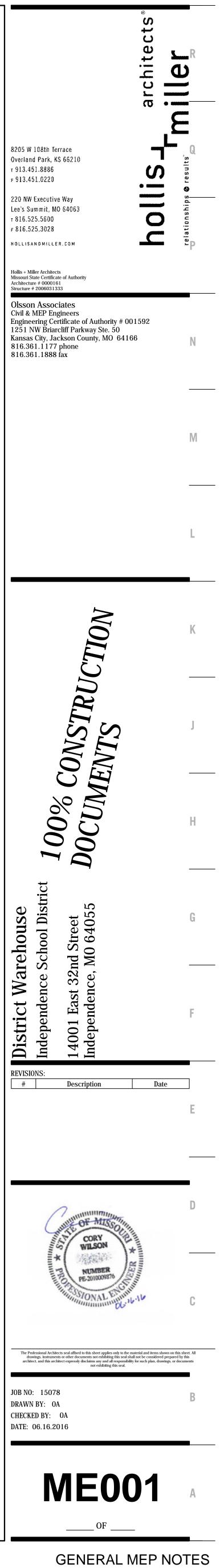
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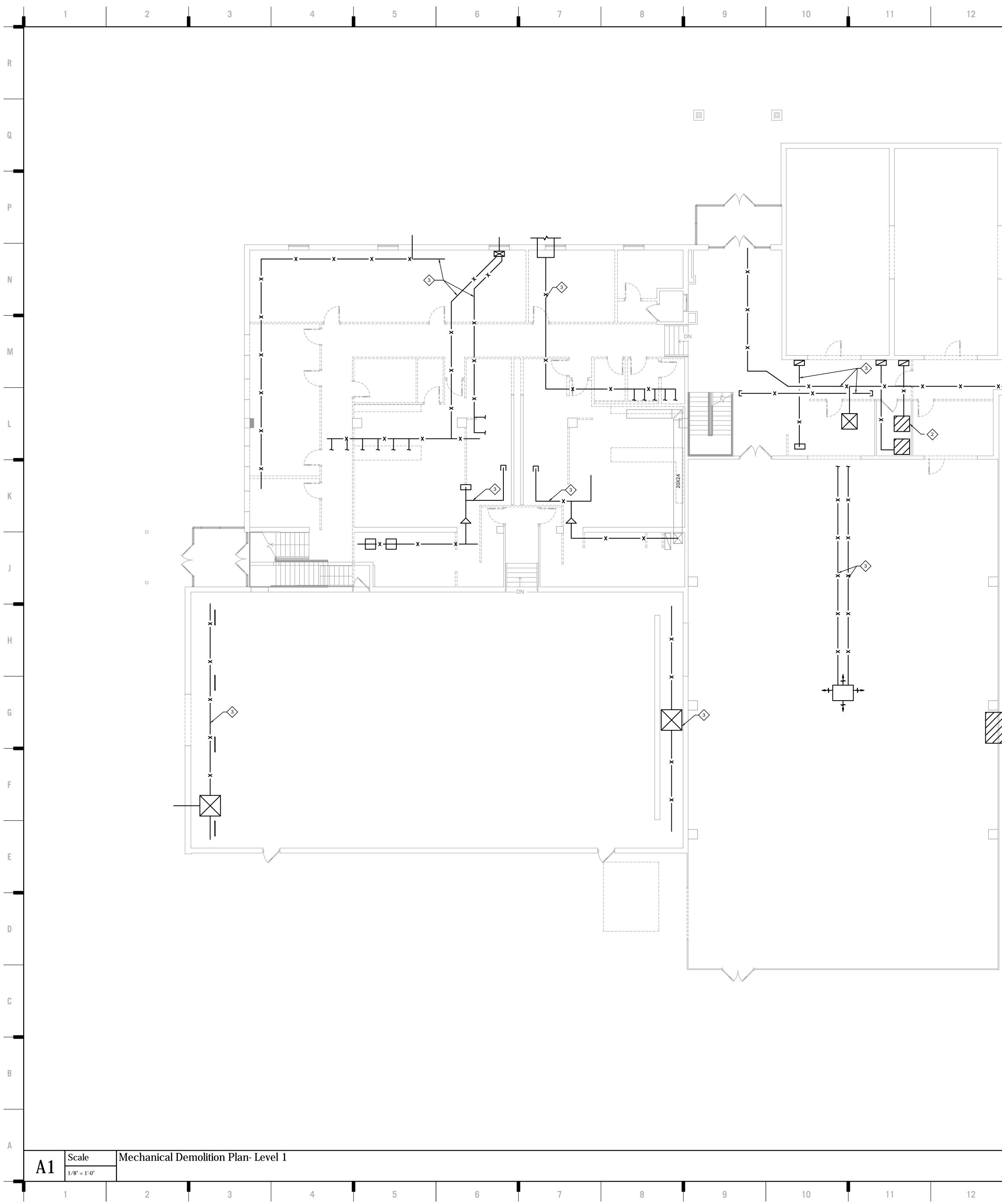
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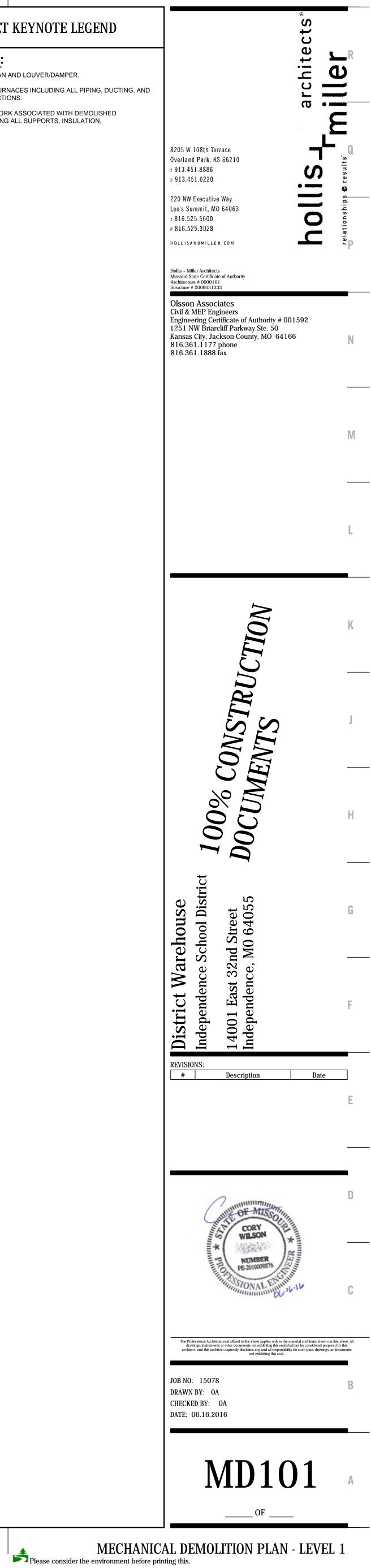
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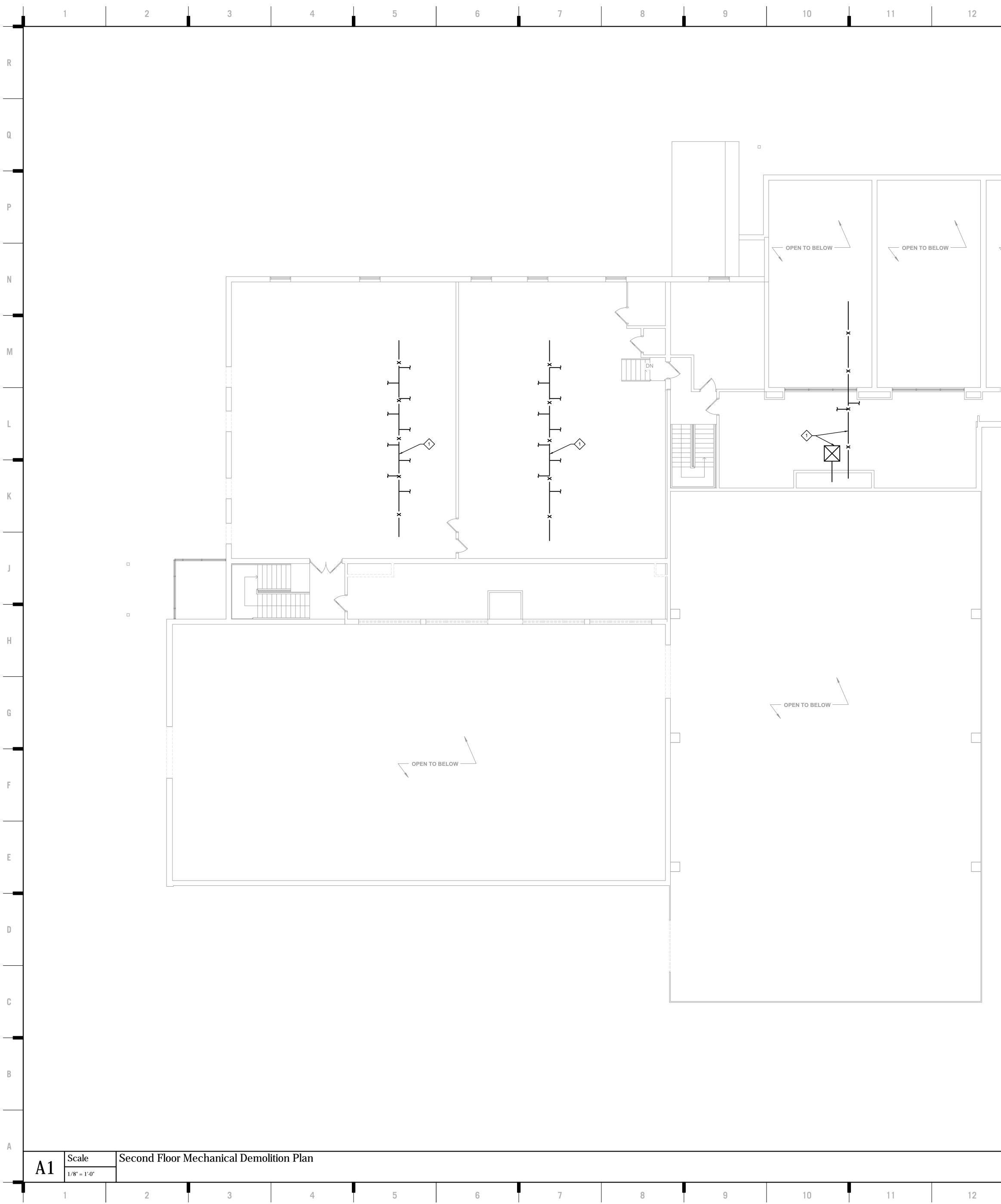




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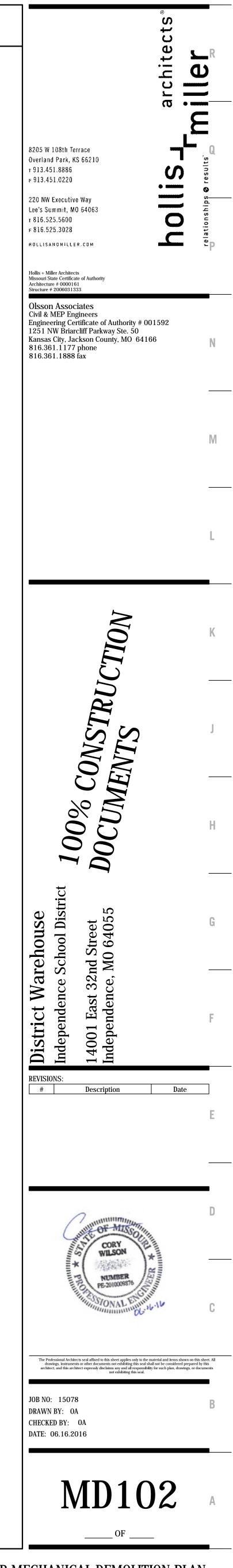
7 8	9	10 11	12	13	14	15 16	17
							SHEET KEYNOTE LEGEN         DELAN NOTES:         Image: Plan Notes:       Image: Plan Notes:     <
		-x x x x		XX	X		
	9						



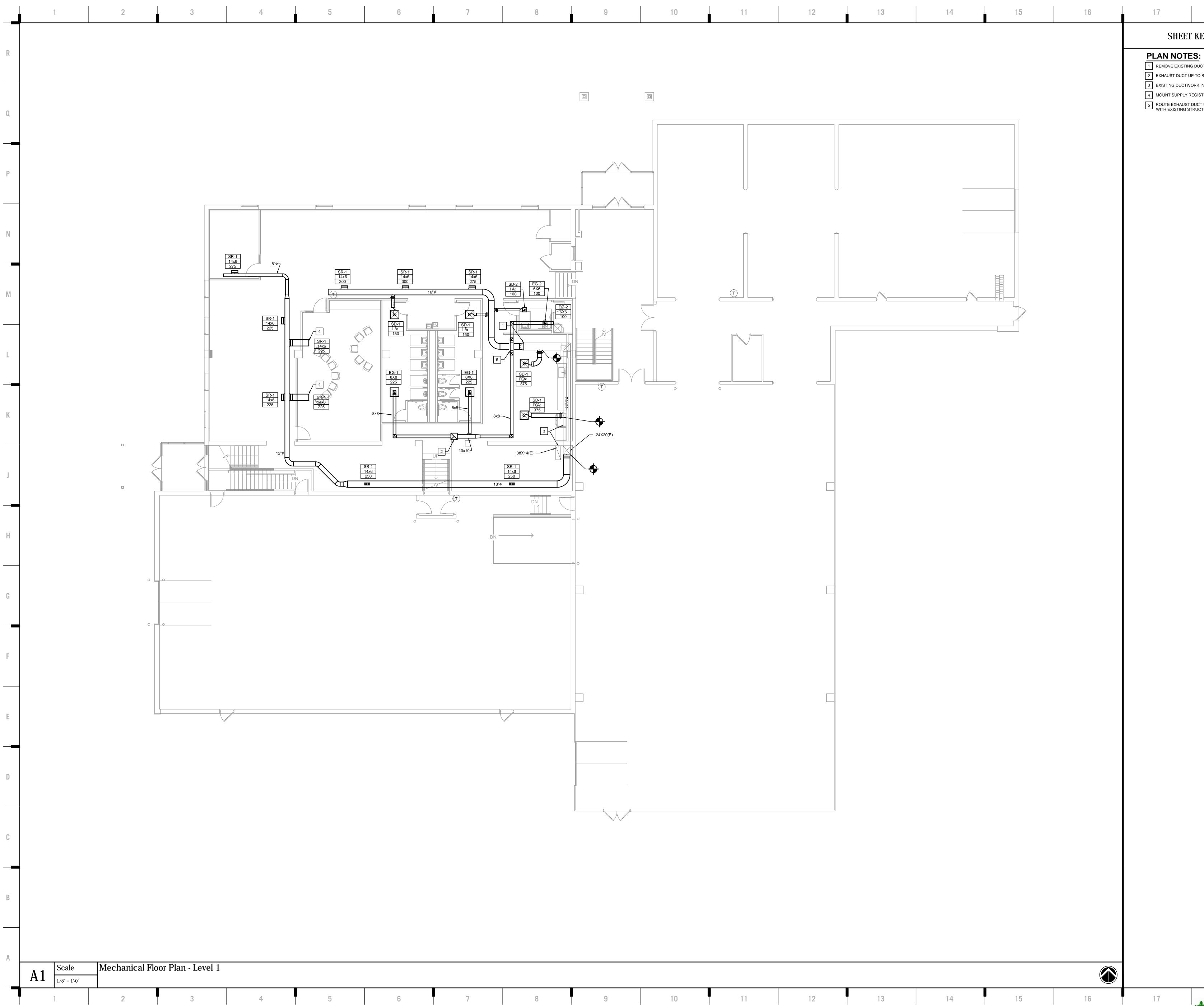


7 8 9 10 11	12

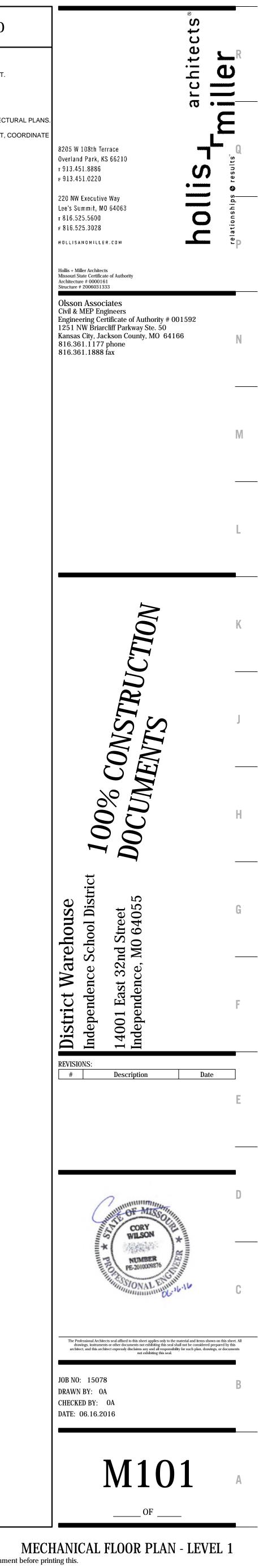
12	13	14	15	16	17
					SHEET KEYNOTE LEGEND
					PLAN NOTES: T REMOVE ALL DUCTWORK ASSOCIATED WITH DEMOLISHED QUIPMENT; INCLUDING ALL SUPPORTS, INSULATION, ACCESSORIES, ETC.
	OPEN TO BELOW	OPEN TO BELOW			
12	13	14	15	16	17 SECOND FLC
I Z	10	17	IJ	10	17 SECOND FLC

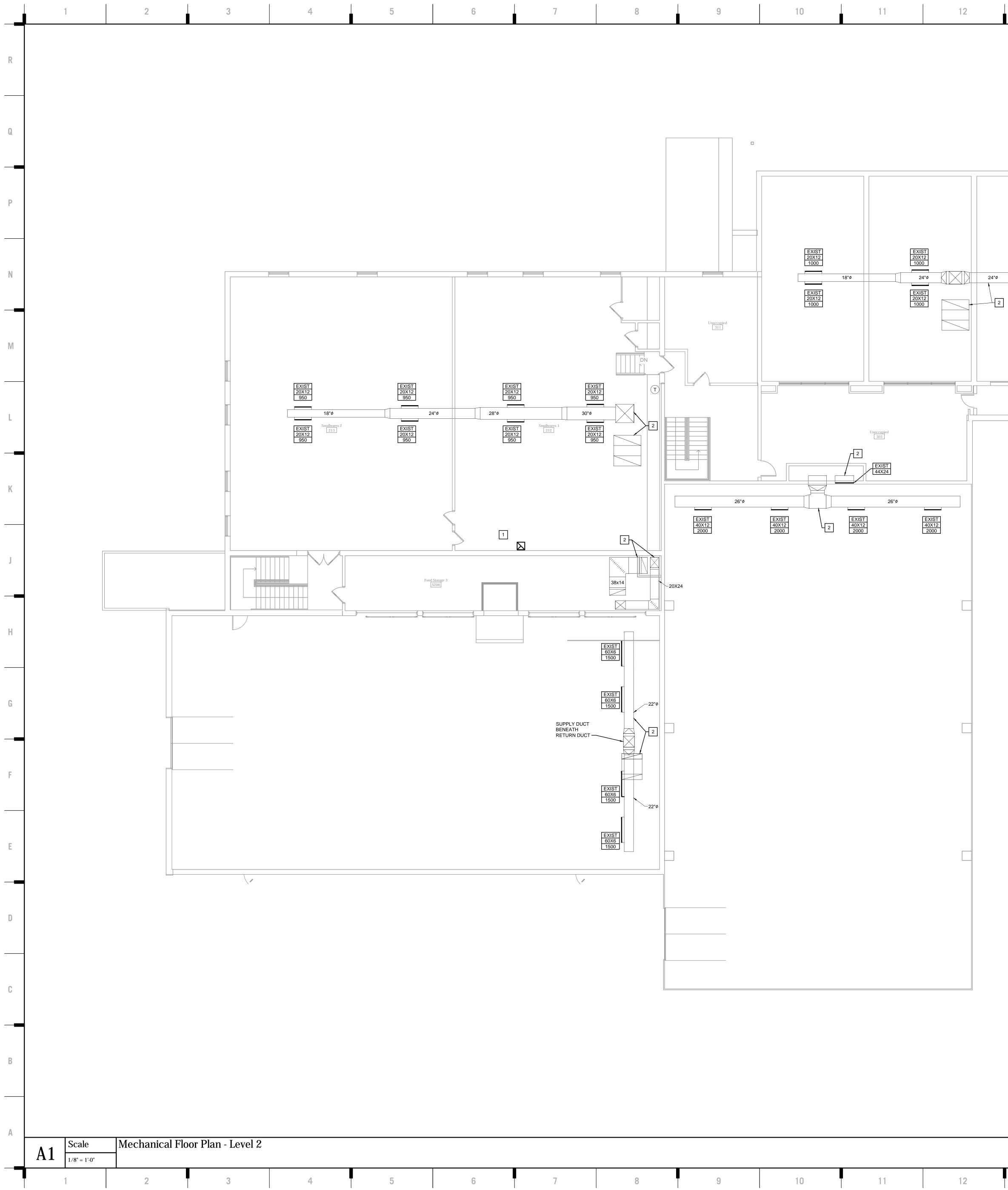


SECOND FLOOR MECHANICAL DEMOLITION PLAN Please consider the environment before printing this.



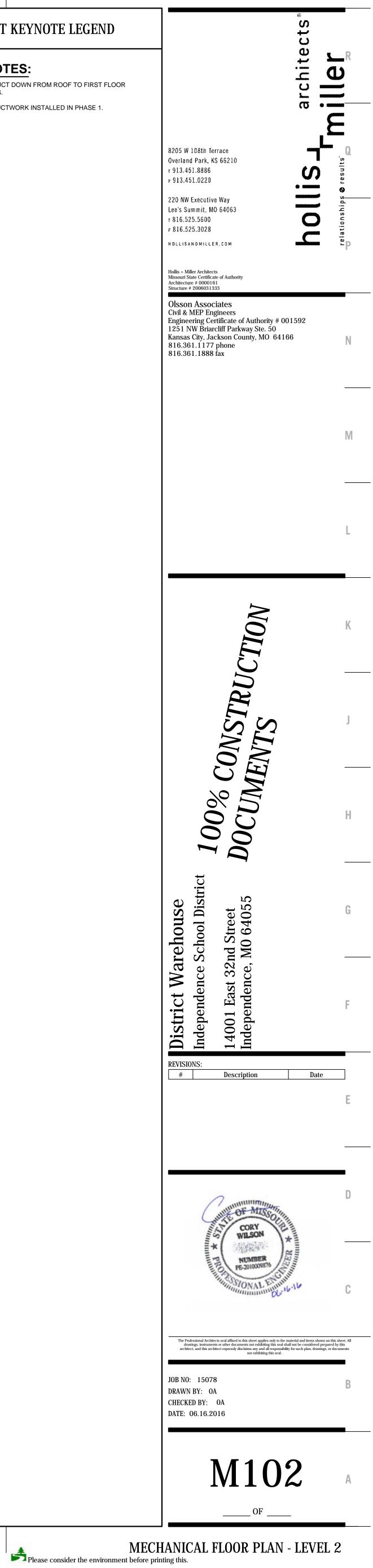
	7	8	9	10	11	12	13	14	15	16	17	
												T KEYNOTE LEGEND
											2 EXHAUST DUCT U 3 EXISTING DUCTW 4 MOUNT SUPPLY F	NG DUCTWORK BACK TO THIS POINT.
16	SR-1 14x6 275	$\begin{array}{c c} SD-2 \\ \hline IA \\ 100 \\ \hline 100 \\ \hline \\$				٩						
	EG-1 8X8 225	5 SD-1 FGA 375		0	() ()	۵						
		8x8	24X20(E)									
	2 10x10	38X14(E)	•									
		DN	- O									
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	7	8	9	10	11	12	13	14	15	16	17	N Please consider the environment be

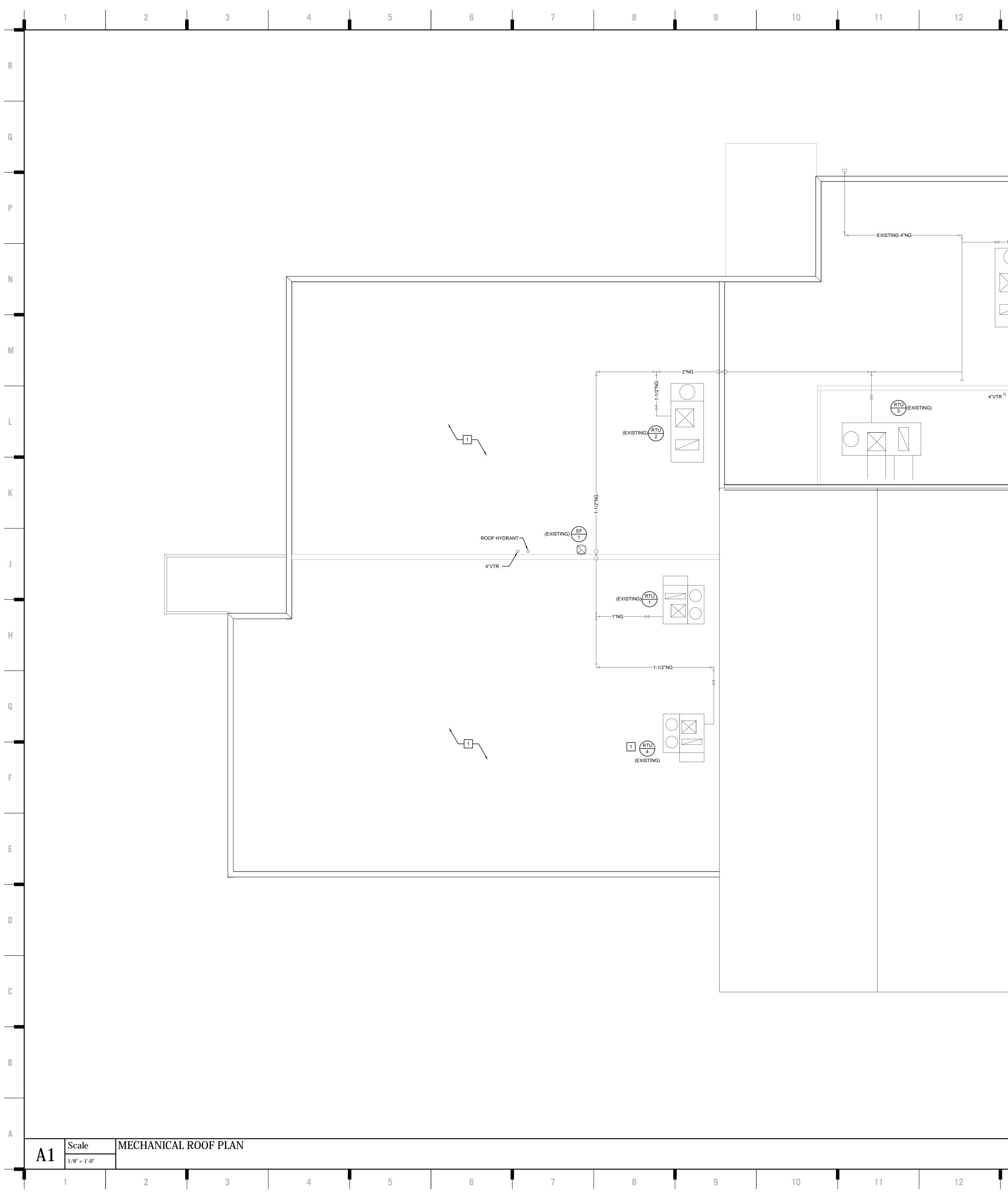




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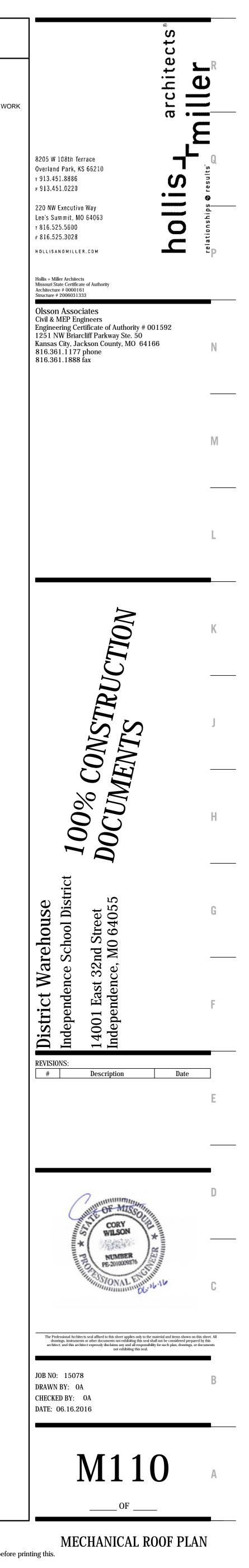
13		14		15	16	17		
						SH	EET KEYNOTE LEGEND	
							NOTES: BT DUCT DOWN FROM ROOF TO FIRST FLO DOMS.	OR
						2 EXISTIN	G DUCTWORK INSTALLED IN PHASE 1.	
EXIST 20X12		EXIST 20X12						
	18"ø		]					
EXIST 20X12 1000		EXIST 20X12 1000						
	1							
	S100 <u>Mezz</u> anine S300							
4.00		4 Л	•	4 6	 10	4 77		
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				SHEET PLAN NOTES:	<b>F KEYNOTE LEGEND</b>
					S PLAN, PROVIDED FOR REFERENCE, ALL WOI 'ED IN PHASE 1.
-1-1/2"NG RTU 5 (EXISTING)					
13	14	15	16	17	Please consider the environment before



1		2		3		4		5		6	7
AIR DIS	TRIBUTI		VICES							]	┌─ STANDARD SINGL
MARK	SERVES	COLOR	DAMPER	PATTERN	SIZE	MAX NC	MAX PD IN WC	MANUFACTURER & MODEL	REMARKS		ADJUSTABLE FOR UNIVERSAL AND C DIMENSIONS
	SUPPLY	WHITE	NA	4-WAY DIFFUSER	24X24	30	0.1	TITUS TMS	1	1 T	
SD-1										- N	
SD-1 SD-2	SUPPLY	WHITE	NA	4-WAY DIFFUSER	12X12	30	0.1	TITUS TMS	1		$\langle \mathcal{A}^{\mathcal{V}} \rangle$
	SUPPLY SUPPLY	WHITE WHITE	NA MVD	4-WAY DIFFUSER DOUBLE DEFL.	12X12 SEE PLANS	30 30	0.1	TITUS TMS TITUS 300RL	1 1,2	N2 × D	55222
SD-2									1 1,2 1,2	W <sub>2</sub> x D <sub>2</sub>	2222222
SD-2 SR-1	SUPPLY	WHITE	MVD	DOUBLE DEFL.	SEE PLANS	30	0.1	TITUS 300RL		× 2	

1. STEEL CONSTRUCTION. 2. SIZE INDICATED ON PLANS.

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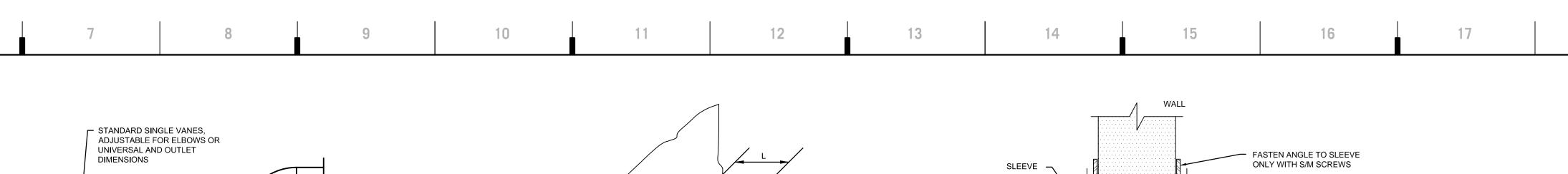
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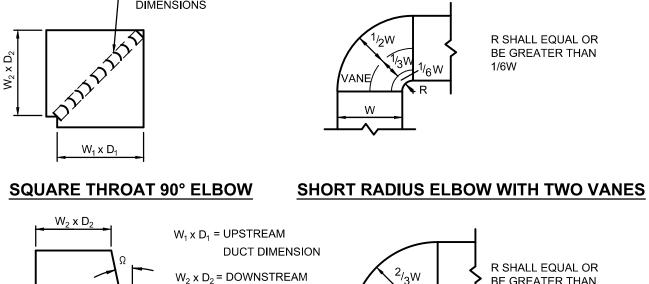
CLOSE OPENING AT

CORNERS

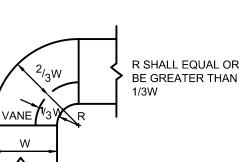
45° ENTRY =Ω

2 45° TAKE-OFF FITTING SCALE: NONE

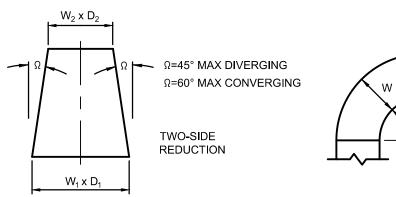
L = 1/4 W, 4" MIN.



DUCT DIMENSION



ECCENTRIC REDUCING FITTING SHORT RADIUS ELBOW WITH ONE VANE

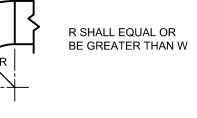


Ω=30° MAX

ONE-SIDE REDUCTION

90°

 $W_1 \times D_1$ 



STANDARD RADIUS ELBOW

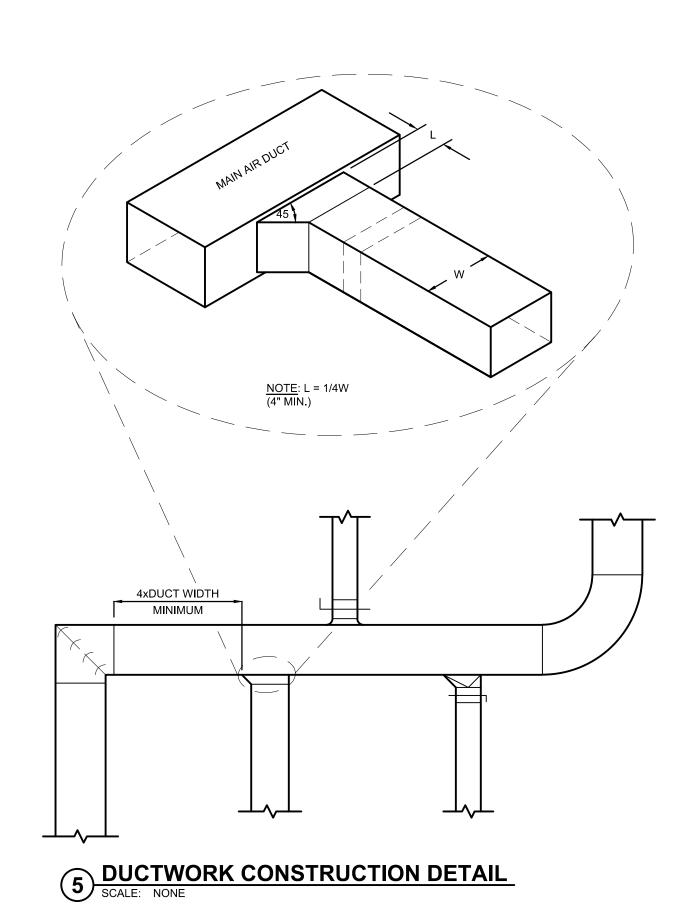
R SHALL EQUAL OR

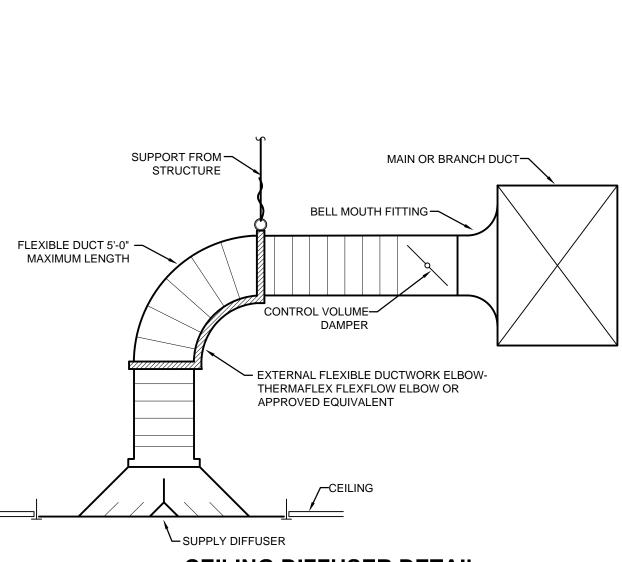
BE GREATER THAN

1/6W

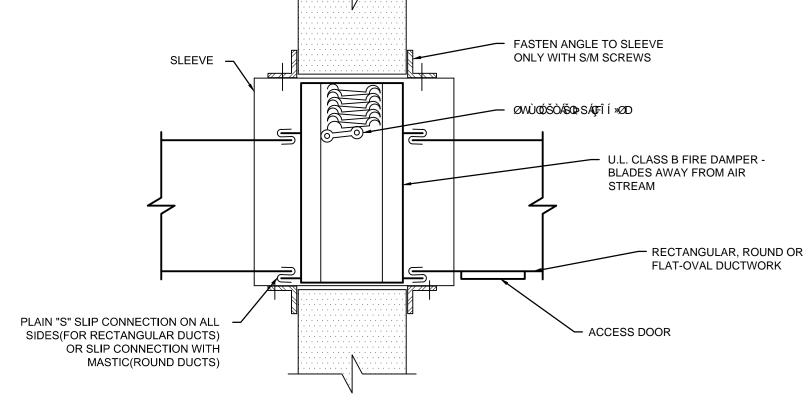
CONCENTRIC REDUCING FITTING

## 3 SHEET METAL FITTINGS SCALE: NONE

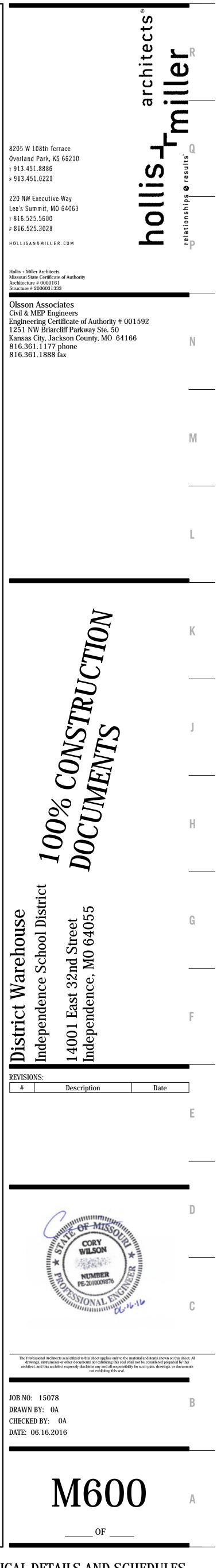




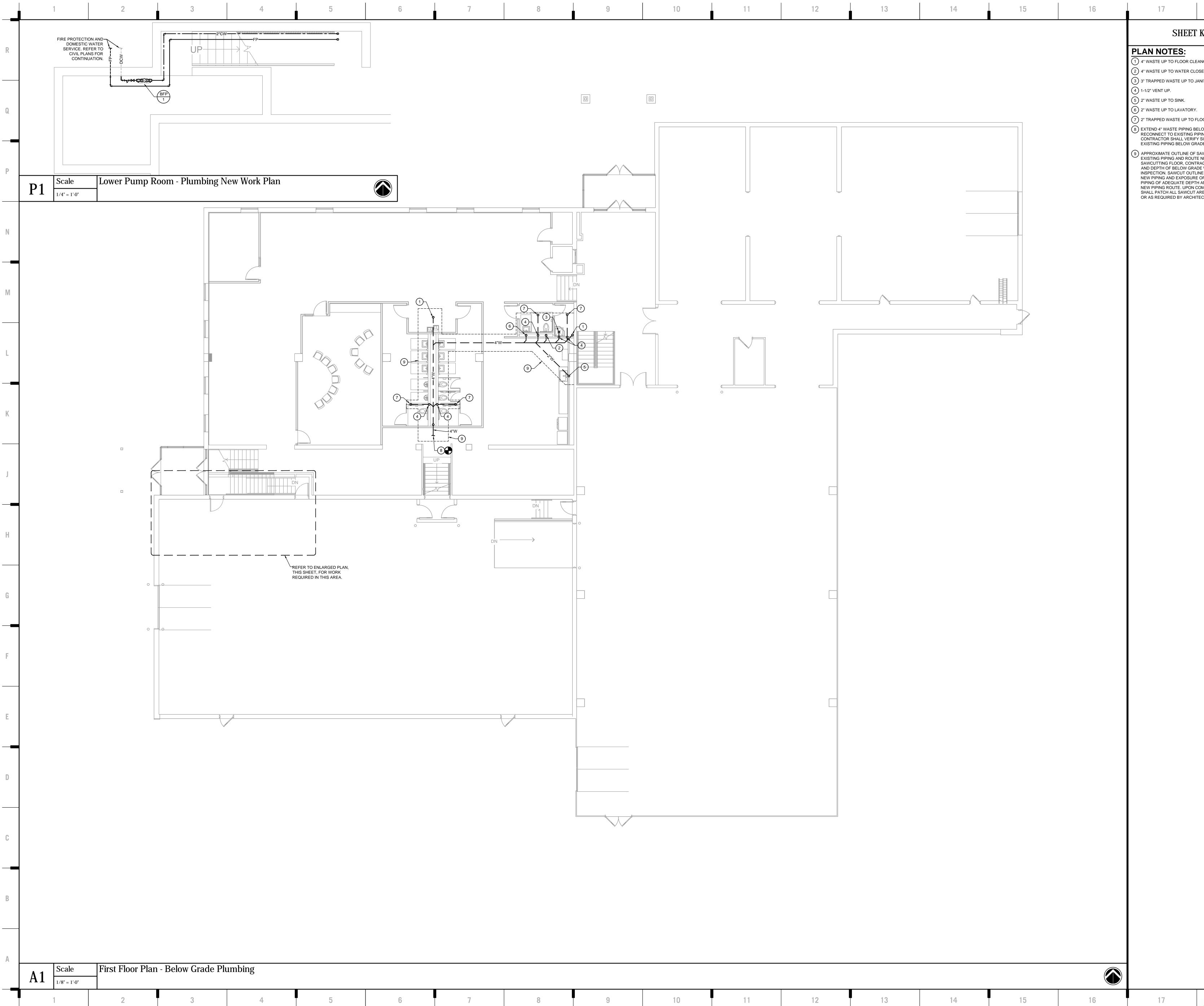




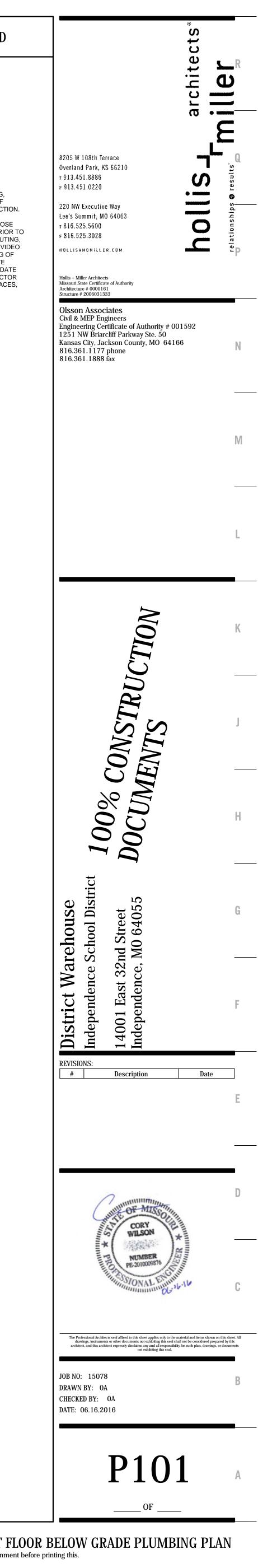


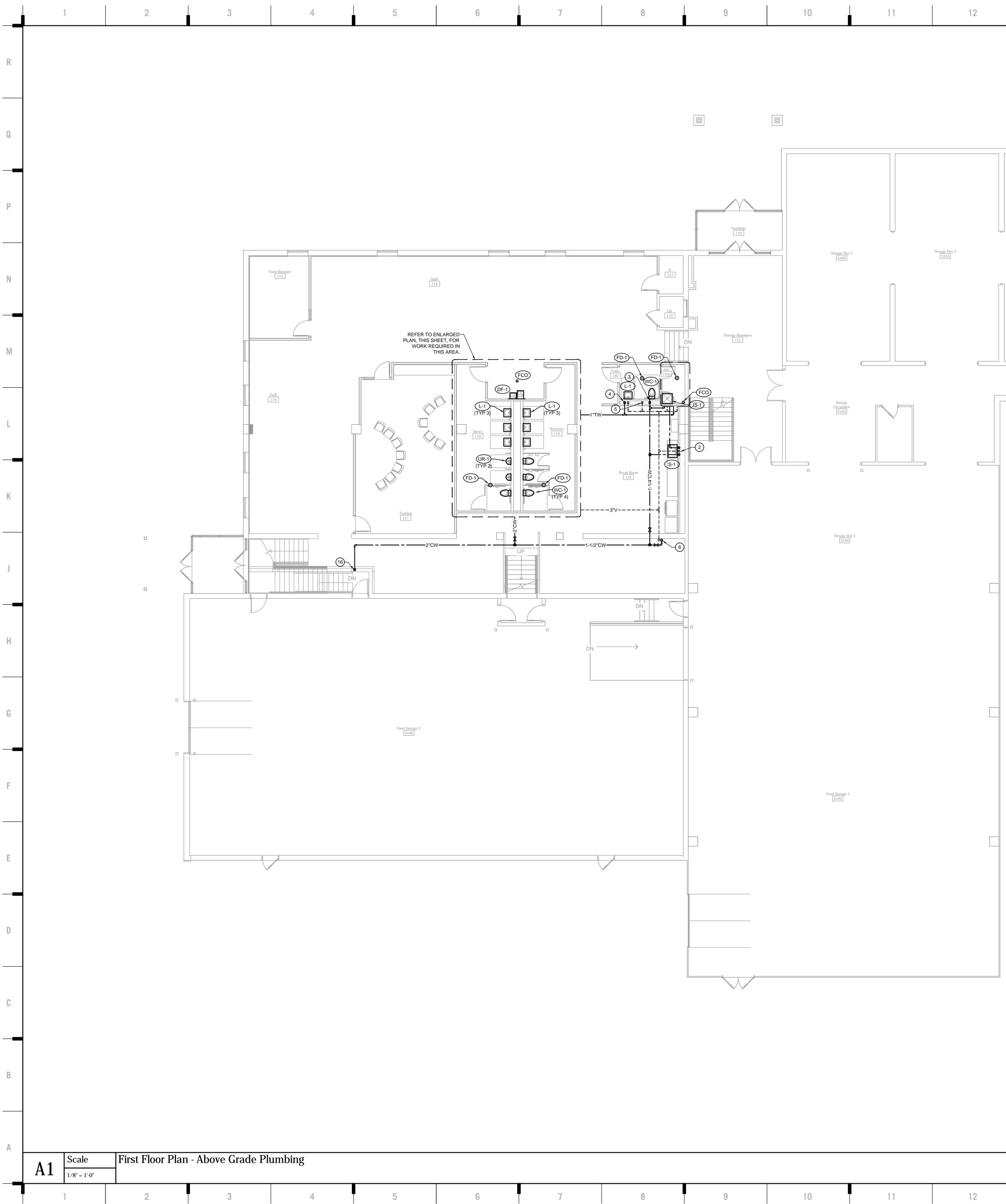


MECHANICAL DETAILS AND SCHEDULES MECHANICAL D Please consider the environment before printing this.



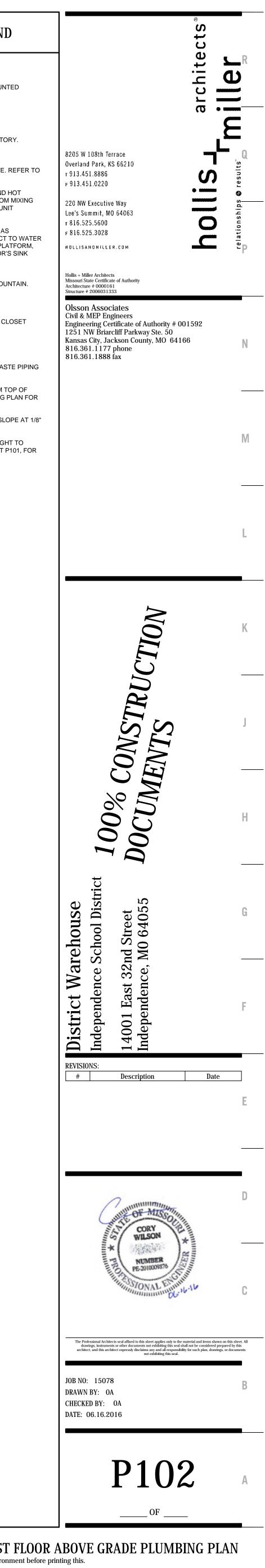
7	8	9	10	11	12	13	14	15	16	17
										<ul> <li>SHEET KEYNOTE LEGEND</li> <li>PLAN NOTES: <ul> <li>1 4' WASTE UP TO FLOOR CLEANOUT.</li> <li>2 4' WASTE UP TO VATER CLOSET CARRIER.</li> <li>3 3' TRAPPED WASTE UP TO JANITORS SINK.</li> <li>1 1/2' VENT UP.</li> <li>2 ' WASTE UP TO SINK.</li> <li>2' WASTE UP TO LAVATORY.</li> <li>2' TRAPPED WASTE UP TO FLOOR DRAIN.</li> <li>2' TRAPPED WASTE UP TO FLOOR DRAIN.</li> <li>2' TRAPPED WASTE UP TO FLOOR DRAIN.</li> <li>8' EXTEND 4' WASTE PIPING BELOW GRADE TO EXISTING TO RECONNECT TO EXISTING PIPING. PRIOR TO ROUTING PIPING, CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND DEPTH OF EXISTING PIPING BELOW GRADE BY MEANS OF VIDEO INSPECTION.</li> <li>APPROXIMATE OUTLINE OF SAWCUTTING REQUIRED TO EXPOSE EXISTING PIPING BADD ROUTE NEW PIPING BALL WASTE PIPING BELOW GRADE AND VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE ENSITING PIPING BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE ENSITING PIPING BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE ENSITING PIPING BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE ENSITING PIPING BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERIFY SIZE, ROUTING, AND DEPTH OF BELOW GRADE PIPING BY MEANS OF VIDEO INSPECTION. SAWCUT OUTLINE SHALL VERTING FOR YEAR SIGN WASTE PIPING OF ADEQUATE DEPTH AND CONDITION TO ACCOMMODATE NEW PIPING ROUTE. UPON COMPLETION OF WORK, CONTRACTOR SHALL PATCH ALL SAWCUT AREAS TO MATCH ADJACENT SPACES, OR AS REQUIRED BY ARCHITECTURAL PLANS.</li> </ul></li></ul>
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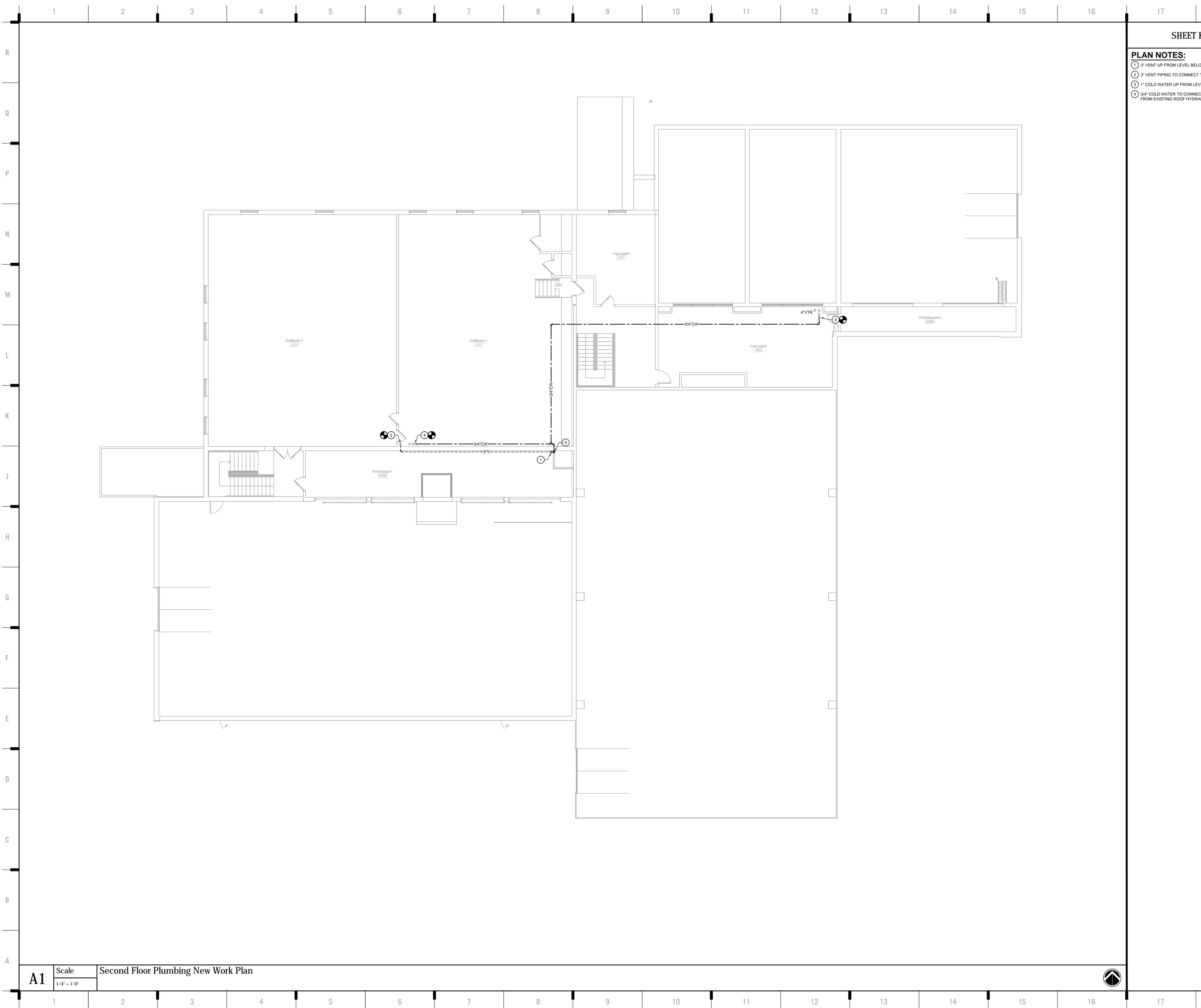




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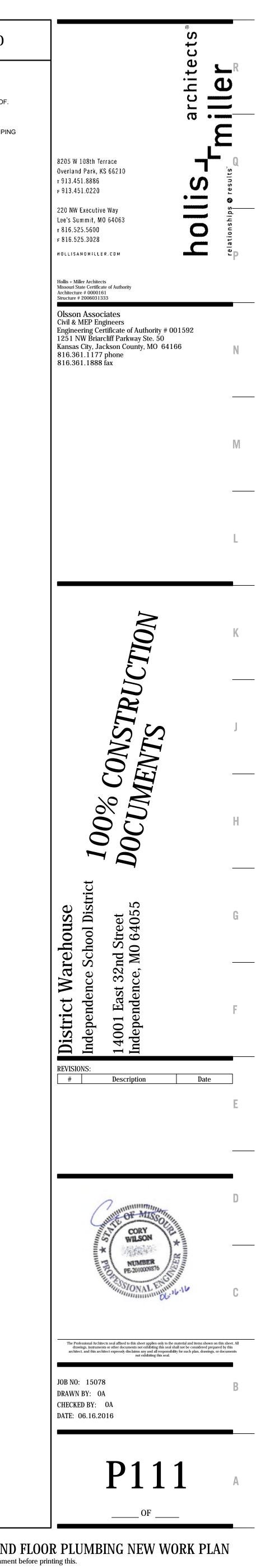
		SHEET	Γ KEYNOTE LEGEND
		PLAN NOTES:         1         1/2" COLD WATER AND H FAUCET ABOVE JANITOF         2         1/2" COLD/HOT WATER A         3         1-1/4" COLD WATER TO S         4         1/2" TEMPERED WATER A         5         1-1/2" VENT DOWN.         6         1" COLD WATER AND 3" N SHEET P111 FOR CONTIN         6         1" COLD WATER AND 3" N SHEET P111 FOR CONTIN         7         MIXING VALVE MOUNTED WATER TO MIXING VALVE WATER TO MIXING VALVE WATER TO MIXING VALVE WATER REATER SUSPEN POSSIBLE. ROUTE 1" CO HEATER. ROUTE FULL S AND T&P DISCHARGE PIN WITH AIR GAP. REFER TO CONNECTIONS.         9       1/2" COLD WATER AND 2 ROUTE 1-1/2" VENT FROM         10       1/2" TEMPERED WATER TO CONNECTIONS.         10       1/2" TEMPERED WATER TO CONNECTIONS.         11       4" WASTE FROM OUTLET CARRIER. CONNECT 2" V CONNECTION.         12       1" COLD WATER TO SERV CONNECTION.         13       2" WASTE FROM OUTLET ROUTED HORIZONTALLY         14       4" WASTE DOWN TO BEL TURN TO VERTICAL. REF CONTINUATION OF WASS         15       ROUTE WASTE PIPING H PER 1'-0" TOWARDS DRC	HOT WATER DOWN TO WALL MOUNTED R'S SINK. NDD 1-1/2" VENT DOWN TO SINK. SERVE WATER CLOSET. AND 1-1/2" VENT DOWN TO LAVATORY. VENT PIPING UP TO LEVEL ABOVE. REF NUATION. D ON WALL. ROUTE 3/4" COLD AND HOT 7E AND 1" TEMPERED WATER FROM MI2 DNNECTIONS PER DETAILS AND UNIT UIREMENTS. NDED FROM STRUCTURE - HIGH AS NDED FROM STRUCTURE - DISCHARGE TO JANITOR'S SII O DETAILS FOR ALL REQUIRED " WASTE TO SERVE DRINKING FOUNTA M TOP OF WASTE CONNECTION. TO LAVATORY FAUCET. T OF WATER CLOSET TO WATER CLOSE /ENT TO TOP OF CARRIER VENT VE URINAL. T OF URINAL TO CONNECT TO WASTE F (WITHIN CHASE. LOW GRADE, WITH 3" VENT FROM TOP OF FER TO BELOW GRADE PLUMBING PLAIT TE PIPING. HORIZONTALLY WITHIN CHASE - SLOPE
J13       Scale       Enlarged Janitor Room Plumb	ing Plan		
Mens       Image: Constraint of the sector of	men's 19 		
UIS 1/4" = 1'-0"			
13 14 15	16	17	FIRST F Please consider the environment





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	13	14	15	16	17	
					SHEET	<b>C KEYNOTE LEGEND</b>
					3 1" COLD WATER UP FROM L	CT TO EXISTING 4" VENT THRU ROOF.
		S100 Mezzanine S300				
-						
ļ	13	14	15	16	17	SECOND F Please consider the environment be



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	BACKFLOW PREVEN	ITOR SCHEDULE				PLUMB	ING FIXTURE S	CHEDULE								-
R	MARK LOCATION	MFG MODEL	TYPE SERVES		LINE SIZE REMARKS	TAG	TYPE	MANUFACTURER <sup>3</sup>	MODEL	DESCRIPTION			ACCESSORIES		WASTE V	c v
		SPACE LIMITATIONS PRIOR TO ORDERING.	REDUCED PRESSURE ZONE       DOMESTIC WATER SE         DBL CHECK DETECTOR OS&Y       FIRE PROTECTIO         NG TO TERMINATE AT NEAREST FLOOR DRAIN.		2" 1,2,3,4,5 Y CONTRACTOR 1,2,3,4,5		WALL MOUNTED ADA HIGH FFICIENCY WATER CLOSET	AMERICAN STANDARD	AFWALL 2257.001	WALL MOUNTED, VITREOUS CHINA, ASME A112 CONSUMPTION (1.6 GPF) SIPHON JET FLUSH W ELONGATED BOWL, 1-1/2" TOP SPUD, AND 2-1/8 COMPLIANT WHEN MOUNTED AT APPLICABLE F ARCHITECTURAL PLANS FOR MOUNTING HEIGH	ATER CLOSET WITH " TRAPWAY. ADA RIM HEIGHT (REFER TO	FINISH SHALL BE WHITE. PROVIDE WITH CHURCH MODEL 95000 PROVIDE WITH SLOAN ROYAL OPTIMA CONCEALED FLUSH VALVE, 1.6 GPF - V STOP, AND SPUD COUPLING AND FLAI DIAPHRAGM, AUTOMATIC MAINTENAN PROVIDE WITH HEAVY DUTY FLOOR M SMITH, OR EQUAL.	MODEL 111-SMO BATTERY POV WITH VACUUM BREAKER, 1" SCR NGE FOR TOP SPUD. VALVE SHA CE FLUSH EVERY 24 HOURS, AN	VERED SENSOR OPERATED REWDRIVER "BAK-CHECK" ANGLE ALL EMPLOY SYNTHETIC RUBBER ND MANUAL OVERRIDE BUTTON.	4"	
Q	4. PROVIDE WITH UNION END BALL VALV 5. PROVIDE AND INSTALL PER DETAIL.		ERIAL SCHEDULE			UR-1	WALL MOUNTED HIGH EFFICIENCY URINAL	AMERICAN STANDARD	TRIMBROOK 6561.017	WALL MOUNTED, VITREOUS CHINA, ASME A112 CONSUMPTION SIPHON JET URINAL, 3/4" TOP S ARCHITECTURAL PLANS FOR MOUNTING HEIGH	SPUD INLET. REFER TO	FINISH SHALL BE WHITE. PROVIDE WITH SLOAN ROYAL OPTIMA FLUSH VALVE, 1.0 GPF - WITH VACUUM COUPLING AND FLANGE FOR TOP SPL AUTOMATIC MAINTENANCE FLUSH EV PROVIDE WITH HEAVY DUTY FLOOR M JR SMITH, OR EQUAL.	I BREAKER, 3/4" SCREWDRIVER ID. VALVE SHALL EMPLOY SYNT ERY 12 HOURS, AND MANUAL O	R "BAK-CHEK" ANGLE STOP, AND SPUD THETIC RUBBER DIAPHRAGM, OVERRIDE BUTTON.	) 2"	1.
P			PIPING SYSTEM SIZE TYPE GRADE ALL L GRADE ALL K	B88         CP         CP             B88         CP         CP	NGS         MAX. WORKING         FIELD TEST           TYPE         PRESS (PSI)         TEMP QA2D         PRESS (PSI)         TIME           SJ         120         40-180         150         1 HR           SJ         120         40-180         150         1 HR           DR\S         10FT         40-70         10FT         1 HR	L-1	WALL HUNG LAVATORY	AMERICAN STANDARD	LUCERNE 0355.012	WALL HUNG, VITREOUS CHINA, ASME A112.19.2 LAVATORY WITH D-SHAPED BOWL, FRONT OVE ARM SUPPORT. ADA COMPLIANT WITH WHEN M HEIGHT (REFER TO ARCHITECTURAL PLANS FO COORDINATE FAUCET HOLE(S) WITH FAUCET S	RFLOW, AND CONCEALED MOUNTED AT PROPER DR MOUNTING HEIGHT).	PROVIDE WITH BATTERY POWERED S EBF-650. 4" CENTERSET FAUCET WITH BRASS GRID STRAINER (ETF-460-A). PROVIDE WITH CHROME PLATED COP CHROME PLATED CAST-BRASS TRAP ESCUTCHEON. COVER EXPOSED COLI SHIELDING GUARD, TRUEBRO INSULA FASTENERS, AND STOP VALVE LOCKIN PROVIDE WITH LAVATORY SUPPORT S UPRIGHT SUPPORTS WITH WELDED FI SLEEVES, ALIGNMENT TRUSS, AND MO MINIMUM OF 250 LB.	I 0.5 GPM VANDAL RESISTANT SI PER SUPPLIES WITH QUARTER- WITH CLEANOUT, TRAP ARM EX D AND HOT SUPPLIES AND WAS TED VINYL PIPE COVERS WITH A NG ACCESS COVER. BYSTEM WITH CONCEALED ARM EET, CAST IRON ADJUSTABLE H	PRAY HEAD, AND CHROME PLATED TURN ANGLE STOPS. PROVIDE TENSION TO WALL, AND WALL TE PIPING WITH PROTECTIVE ANTI-MICROBIAL, REUSABLE IS WITH RECTANGULAR STEEL IEADERS, CONCEALED ARMS, STEEL	2"	1.
N		FIRE PROTECTION FIRE SERVICE BELOW GRAD REFRIGERANT PIPING TEMPERATURE & PRESSUR NATURAL GAS ABOVE GRAD	ALL ACR RE RELIEF DRAIN ALL M	C900         PVC         DI             B280         CP         CP	AND       14       200       2 HR         MJ       120       40-80       200       2 HR         S       150       40-140       200       4 HR         DR\S       10FT       40-70       10FT       1 HR         WELD       1       -       100       1 HR	S-1 s	STAINLESS STEEL INGLE COMPARTMENT SINK	ELKAY	LSR2722	SINGLE COMPARTMENT, 18-GAUGE STAINLESS 27"x22"x8" SINK WITH 24"x16" BOWL. PROVIDE V OPENING AND SOUND DEADENING UNDERCOA MOUNTING CAPABILITIES WITH APPROPRIATE I INCLUDED, COORDINATE SINK INSTALLATION V PLANS AND GENERAL CONTRACTOR. COORDIN DRILLING WITH FAUCETS SPECIFIED.	VITH CENTERED DRAIN TING. UNIVERSAL MOUNTING HARDWARE VITH ARCHITECTURAL	PROVIDE WITH DECK MOUNTED FAUC FIXED CENTERS, 9-1/2" L TYPE SWING HANDLES, QUATURN COMPRESSION O NUT FOR 3/8" OR 1/2" FLEXIBLE RISER, PROVIDE 1-1/2" CHROME-PLATED CAS 1/2" CHROME-PLATED SUPPLIES WITH ADDITIONAL STOP FROM HOT WATER PROVIDE WITH GARBAGE DISPOSAL T DISPOSAL WITH MULTIGRIND AND SOU CHAMBER, AND POWER CORD KIT.	SPOUT, 2.2 GPM AERATOR, 4" V DERATING CARTRIDGE, 1/2" NP AND SIDE SPRAY WITH 48" VIN T-BRASS TRAP WITH CLEANOUT QUARTER-TURN STOPS AND W. SUPPLY FOR FUTURE DISHWAS YPICAL OF IN-SINK-ERATOR EVO	VANDAL PROOF WRISTBLADE PSM SUPPLY INLETS AND COUPLING YL HOSE. T AND WALL ESCUTCHEON. VALL ESCUTCHEON, INSTALL SHER. OLUTION ESSENTIAL GARBAGE	2"	1.
M		NATURAL GAS ABOVE GRAD NATURAL GAS BELOW GRAD WASTE & VENT BELOW GRAD WASTE & VENT ABOVE GRAD	DE ALL NH				LEAD DUAL LEVEL SWIRLFLO LECTRICAL WATER COOLER TH INTEGRAL BOTTLE FILLING STATION	ELKAY	EZWS-ERPBM28K	HEAVY DUTY, FULLY EXPOSED, NSF-61 COMPLI ELECTRIC WATER COOLER WITH 18 GAUGE TY BASINS AND 16 GAUGE TYPE 300 TUBULAR STA ARMS. FOUNTAIN SHALL BE NSF-61 COMPLIAN PUSH BUTTON ACTUATORS, VANDAL RESISTAN MOUNTING PLATE, AND IN-WALL SUPPORT LEG	PE 300 STAINLESS STEEL AINLESS STEEL SUPPORT T. PROVIDE WITH FRONT NT BUBBLERS, SURFACE	DRINKING FOUNTAIN TO BE PROVIDED PANELS ON TOP AND BOTTOM OF UNI DRAIN SYSTEM TO ELIMINATE STANDI ANTI-MICROBIAL PROTECTION. ÚÜUXÖÒÁ® VÕÖÜCŠÁ CYÒÜÁÔPCŠŠÒÜÊ AMBIENT. COORDINATE ELECTRICAL I PROVIDE WITH ELKAY MODEL EWF172 REPLACEMENT FILTER FOR EACH KIT	T. BOTTLE FILLER SHALL BE SEI NG WATER, VISUAL USER INTER ÍԌڌӊÒÁJØÁ ÍÕÚPÍŒÐÖÁ €»ØÍÖI REQUIREMENTS WITH E/C. I LEAD REDUCTION WATER FILTI	NSOR ACTIVÁTED, 1.5 GPM FILL RATE, RFACE, AUTO SHUTOFF, AND ÜOPSOPÕÁY OE/ÒÜÁÓOÈJÒÖÁJÞÁJ€≫Ø	2"	1.
L		WHERE RISING ABO ATP - ARMCO TRUSS BLK - BLACK BS - BELL & SPIGOT	PIPE MJ - MECHANIO NG - NEOPREN NH - NO-HUB	CAL JOINT NE GASKET	RISERS	JS-1	24"x24" JANITORS SINK	FIAT	TSB100	ONE PIECE PRECAST TERRAZO MOP SERVICE I DEPTH. TERRAZO SHALL BE CONSTRUCTED TO STRENGTH OF NOT LESS THAN 3000 PSI, WITH FINISH. BASIN TO BE INSTALLED ON MINIMUM 1 LEVELING, REFER TO MANUFACTURERS INSTA	) A COMPRESSIVE POLISHED AND SEALED I/2" LAYER OF MORTAR FOF	PROVIDE WITH STAINLESS STEEL STR FLANGES, STAINLESS STEEL CAPS ON HOOK (830AA), HOSE AND HOSE BRAC STAINLESS STEEL WALL GUARDS (MS DIMENSIONS OF TOP STRAINER: FOR	I ALL SHOULDERS, WALL MOUN KET (832AA), SILICONE SEALAN G).	TED MOP SERVICE SINK WITH PAIL IT (833AA) AND HEAVY GAUGE	3" ·	1.
		HIGH DENSITY PO EXTRUDED OVER CW - CONTINUOUS W DI - DUCTILE IRON	VICE COMPANY X-TRU-COAT SJ - SOLDER J DLYETHYLENE COATING SL - SEAMLESS PIPE SS - STANDAR VELD SW - SOLVENT TS - TY-SEAL	YL CHLORIDE DINT - SILVER BRAZING ALLOY OINT 95-5 TIN-ANTIMONY S STEEL D STRENGTH - SERVICE WEIGHT ' WELD		FD-1 HB-1	FLOOR DRAIN HOSE BIB	ZURN WOODFORD	Z-415 MODEL 24	CAST IRON TWO PIECE BODY WITH DOUBLE DE HOLES, REVERSIBLE CLAMPING COLLAR, NICKI STRAINER. ANTI-SIPHON VACUUM BREAKER WALL FAUCET	EL BRONZE ADJUSTABLE	PROVIDE WITH 8 INCH TOP AND A 6" O PROVIDE TY SEALS FOR FLOOR DRAIN PLANS. PROVIDE WITH ASSE 1072 APF SIZE PER FLOOR DRAIN OUTLET.	UTLET PROVIDE WITH A 10" TOP	P. E GRADE, VERIFY PIPE SIZES ON	OUTLET SIZE PER F PLAN	P P
Κ		DR - DRAINAGE FITTI GLV - GALVANIZED LC - LEAD CAULKING MI - MALLEABLE IRON	VCP - VITRIFIEI WELD - WELDEI	D CLAY PIPE		FPWH	FREEZEPROOF WALL HYDRANT	WOODFORD	B65	NON-FREEZE, SELF DRAINING TYPE WITH POLIS BOX AND DOOR, HOSE THREAD SPOUT, REMOV HYDRANT, AND VACUUM BREAKER.	VABLE KEY WITH EACH	PROVIDE WITH SPARE KEY FOR EACH	HYDRANT PROVIDED.			
		MIXI	MFR. MODEL FLOW (GPM)		T OUTLET REMARKS SIZE	RH-1	FREEZE-PROOF ROOF HYDRANT	FREEZEFLOW	2131R	SELF CONTAINED DRAIN PROOF AND FREEZE F WITH HEAVY DUTY BRASS HOSE BIBB WITH PA SCHEDULE 40 STEEL PIPE RISER, STAINLESS S AND OPTIONAL BACKFLOW PREVENTION DEVIC AT MANUFACTURER REQUIRED DEPTH BELOW	IL HOOK, 1" GALVANIZED STEEL DRAINAGE CANISTER CE. INSTALL WITH CANISTE				-	
J		MV-1	LEONARD         XL-32-BDT-TC         1.0         32.0         50			FGCO F	INISHED FLOOR CLEANOUT	ZURN	Z-1400	ADJUSTABLE FLOOR CLEANOUT, CAST IRON BO WATER-TIGHT ABS TAPERED THREAD PLUG AN SECURED HEAVY DUTY TOP, ADJUSTABLE TO F CONCRETE PER DETAIL.	ND ROUND SCORIATED	CLEANOUT SHALL BE THE SAME SIZE CLEANOUT.	AS PIPING UP TO 4".  4" AND LAF	GER PIPING SHALL BE A 4"	-	
		2. W	KS: ILET THERMOMETERS /ALL SUPPORTS HREE-PIECE BALL VALVE WITH DIAL THERMOMETERS			FCO F	INISHED FLOOR CLEANOUT	ZURN	Z-1400	ADJUSTABLE FLOOR CLEANOUT, CAST IRON BO WATER-TIGHT ABS TAPERED THREAD PLUG AN SECURED HEAVY DUTY TOP, ADJUSTABLE TO F	ND ROUND SCORIATED FINISH FLOOR.	CLEANOUT SHALL BE THE SAME SIZE CLEANOUT.	AS PIPING UP TO 4". 4" AND LAF	.GER PIPING SHALL BE A 4"	-	
Н						wco	WALL CLEANOUT	ZURN	Z-1446	CLEANOUT TEE, DURA COATED CAST IRON BOI ABS TAPERED THREAD PLUG AND ROUND, SMO WALL ACCESS COVER WITH SECURING SCREW	OOTH STAINLESS STEEL	CLEANOUT SHALL BE THE SAME SIZE CLEANOUT.	AS PIPING UP TO 4". 4" AND LAF	.GER PIPING SHALL BE A 4"	-	
			TER HEATER SCHEDULEMANUFACTURERMODEL NO.LOCATIONAO SMITHDEL-30-6JAN 120a	CAP. Orreens (kW)	DLT/PH ACCESSORIES 208/1 1,2,3,4	IMB	ICE MACHINE ROUGH-IN BOX	GUY GRAY	MIB1	20 GAUGE ROUGH-IN BOX WITH FACEPLATE. W COLD ROLLED STEEL FINISH.	/HITE POWDER COAT ON	PROVIDE WITH 1/2" QUARTER TURN SY	WEAT VALVE.		-	
G		1. PRES 2. EXPA 3. HOLD	SORIES: SSURE & TEMPERATURE RELIEF VALVE ANSION TANK TYPICAL OF AMTROL MODEL ST-5 D-RITE SUSPENDED PLATFORM (MODEL 50-SWHP-A) WITH DRAI -SIMULTANEOUS OPERATION.	IN FOR INSTALLATION ABOVE JANITORS SINK.		2. SIZES LIST	CONNECTIONS & MOUNTING ED INDICATE MIN. SIZE ONLY, BLE ALTERNATE MANUFACTUR	SEE PLUMBING RISEI	RS AND FLOOR PLA		KFORD, TOTO, AND OASIS					_
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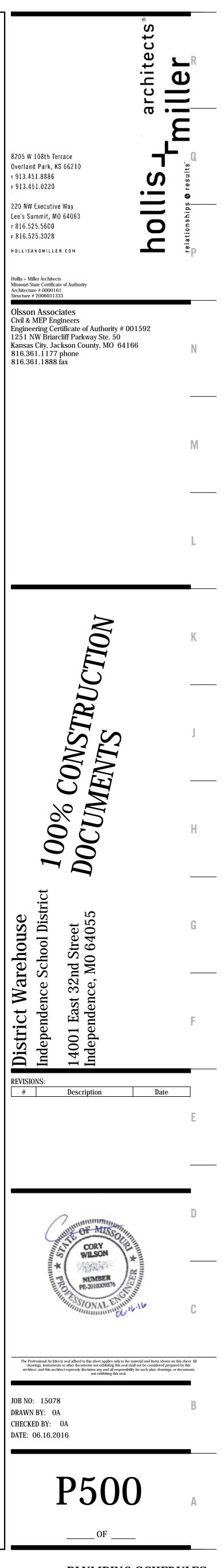
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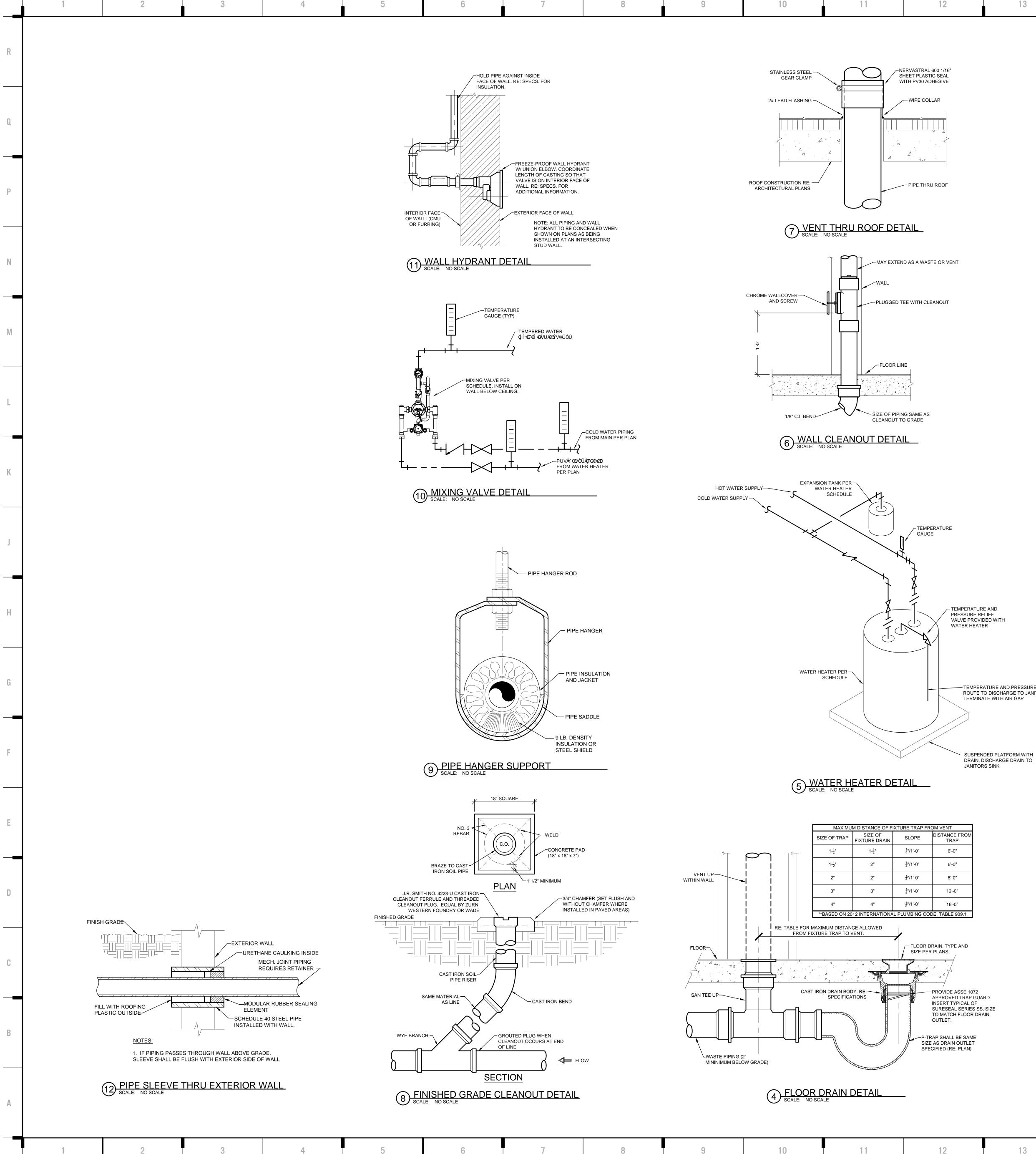
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		3				Τ	CONNE	CTIONS <sup>1</sup>	,2
3	ТҮРЕ	MANUFACTURER	MODEL	DESCRIPTION	ACCESSORIES	WASTE	VENT	CW	Τ
C-1	WALL MOUNTED ADA HIGH EFFICIENCY WATER CLOSET	AMERICAN STANDARD	AFWALL 2257.001	WALL MOUNTED, VITREOUS CHINA, ASME A112.19.1 COMPLIANT, LOW CONSUMPTION (1.6 GPF) SIPHON JET FLUSH WATER CLOSET WITH ELONGATED BOWL, 1-1/2" TOP SPUD, AND 2-1/8" TRAPWAY. ADA COMPLIANT WHEN MOUNTED AT APPLICABLE RIM HEIGHT (REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT).	FINISH SHALL BE WHITE. PROVIDE WITH CHURCH MODEL 9500C OPEN FRONT ELONGATED SEAT LESS COVER. PROVIDE WITH SLOAN ROYAL OPTIMA MODEL 111-SMO BATTERY POWERED SENSOR OPERATED CONCEALED FLUSH VALVE, 1.6 GPF - WITH VACUUM BREAKER, 1" SCREWDRIVER "BAK-CHECK" ANGLE STOP, AND SPUD COUPLING AND FLANGE FOR TOP SPUD. VALVE SHALL EMPLOY SYNTHETIC RUBBER DIAPHRAGM, AUTOMATIC MAINTENANCE FLUSH EVERY 24 HOURS, AND MANUAL OVERRIDE BUTTON. PROVIDE WITH HEAVY DUTY FLOOR MOUNTED CARRIER COMPATIBLE WITH FIXTURE SPECIFIED, ZURN, JR SMITH, OR EQUAL.	4"	2"	1-1/4"	
-1	WALL MOUNTED HIGH EFFICIENCY URINAL	AMERICAN STANDARD	TRIMBROOK 6561.017	WALL MOUNTED, VITREOUS CHINA, ASME A112.19.1 COMPLIANT, LOW CONSUMPTION SIPHON JET URINAL, 3/4" TOP SPUD INLET. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.	FINISH SHALL BE WHITE. PROVIDE WITH SLOAN ROYAL OPTIMA MODEL 186-1.0-SMO BATTERY POWERED SENSOR OPERATED FLUSH VALVE, 1.0 GPF - WITH VACUUM BREAKER, 3/4" SCREWDRIVER "BAK-CHEK" ANGLE STOP, AND SPUD COUPLING AND FLANGE FOR TOP SPUD. VALVE SHALL EMPLOY SYNTHETIC RUBBER DIAPHRAGM, AUTOMATIC MAINTENANCE FLUSH EVERY 12 HOURS, AND MANUAL OVERRIDE BUTTON. PROVIDE WITH HEAVY DUTY FLOOR MOUNTED CARRIER COMPATIBLE WITH FIXTURE SPECIFIED - ZURN, JR SMITH, OR EQUAL.	2"	1-1/2"	3/4"	
-1	WALL HUNG LAVATORY	AMERICAN STANDARD	LUCERNE 0355.012	WALL HUNG, VITREOUS CHINA, ASME A112.19.2M COMPLIANT, 20"x18" LAVATORY WITH D-SHAPED BOWL, FRONT OVERFLOW, AND CONCEALED ARM SUPPORT. ADA COMPLIANT WITH WHEN MOUNTED AT PROPER HEIGHT (REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT). COORDINATE FAUCET HOLE(S) WITH FAUCET SPECIFIED.	PROVIDE WITH BATTERY POWERED SENSOR OPERATED FAUCET TYPICAL OF SLOAN OPTIMA MODEL EBF-650. 4" CENTERSET FAUCET WITH 0.5 GPM VANDAL RESISTANT SPRAY HEAD, AND CHROME PLATED BRASS GRID STRAINER (ETF-460-A). PROVIDE WITH CHROME PLATED COPPER SUPPLIES WITH QUARTER-TURN ANGLE STOPS. PROVIDE CHROME PLATED CAST-BRASS TRAP WITH CLEANOUT, TRAP ARM EXTENSION TO WALL, AND WALL ESCUTCHEON. COVER EXPOSED COLD AND HOT SUPPLIES AND WASTE PIPING WITH PROTECTIVE SHIELDING GUARD, TRUEBRO INSULATED VINYL PIPE COVERS WITH ANTI-MICROBIAL, REUSABLE FASTENERS, AND STOP VALVE LOCKING ACCESS COVER. PROVIDE WITH LAVATORY SUPPORT SYSTEM WITH CONCEALED ARMS WITH RECTANGULAR STEEL UPRIGHT SUPPORTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVES, ALIGNMENT TRUSS, AND MOUNTING FASTENERS. SUPPORT SYSTEM MUST BE RATED FOR A MINIMUM OF 250 LB.	2"	1-1/2"	1/2	2"TV
-1	STAINLESS STEEL SINGLE COMPARTMENT SINK	ELKAY	LSR2722	SINGLE COMPARTMENT, 18-GAUGE STAINLESS STEEL TYPE 304 SINK, 27"x22"x8" SINK WITH 24"x16" BOWL. PROVIDE WITH CENTERED DRAIN OPENING AND SOUND DEADENING UNDERCOATING. UNIVERSAL MOUNTING CAPABILITIES WITH APPROPRIATE MOUNTING HARDWARE INCLUDED, COORDINATE SINK INSTALLATION WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR. COORDINATE FAUCET HOLE DRILLING WITH FAUCETS SPECIFIED.	PROVIDE WITH DECK MOUNTED FAUCET TYPICAL OF CHICAGO FAUCETS MODEL 200-A317ABCP, WITH 8" FIXED CENTERS, 9-1/2" L TYPE SWING SPOUT, 2.2 GPM AERATOR, 4" VANDAL PROOF WRISTBLADE HANDLES, QUATURN COMPRESSION OPERATING CARTRIDGE, 1/2" NPSM SUPPLY INLETS AND COUPLING NUT FOR 3/8" OR 1/2" FLEXIBLE RISER, AND SIDE SPRAY WITH 48" VINYL HOSE. PROVIDE 1-1/2" CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT AND WALL ESCUTCHEON. 1/2" CHROME-PLATED SUPPLIES WITH QUARTER-TURN STOPS AND WALL ESCUTCHEON, INSTALL ADDITIONAL STOP FROM HOT WATER SUPPLY FOR FUTURE DISHWASHER. PROVIDE WITH GARBAGE DISPOSAL TYPICAL OF IN-SINK-ERATOR EVOLUTION ESSENTIAL GARBAGE DISPOSAL WITH MULTIGRIND AND SOUNDSEAL TECHNOLOGY, 3/4" HP MOTOR, STAINLESS STEEL GRIND CHAMBER, AND POWER CORD KIT.	2"	1-1/2"	1/2"	
C-1	NO-LEAD DUAL LEVEL SWIRLFLO ELECTRICAL WATER COOLER WITH INTEGRAL BOTTLE FILLING STATION	ELKAY	EZWS-ERPBM28K	HEAVY DUTY, FULLY EXPOSED, NSF-61 COMPLIANT, DUAL-LEVEL ELECTRIC WATER COOLER WITH 18 GAUGE TYPE 300 STAINLESS STEEL BASINS AND 16 GAUGE TYPE 300 TUBULAR STAINLESS STEEL SUPPORT ARMS. FOUNTAIN SHALL BE NSF-61 COMPLIANT. PROVIDE WITH FRONT PUSH BUTTON ACTUATORS, VANDAL RESISTANT BUBBLERS, SURFACE MOUNTING PLATE, AND IN-WALL SUPPORT LEGS.	DRINKING FOUNTAIN TO BE PROVIDED WITH CANE APRON FOR ADA COMPLIANCE, FRONT ACCESS PANELS ON TOP AND BOTTOM OF UNIT. BOTTLE FILLER SHALL BE SENSOR ACTIVATED, 1.5 GPM FILL RATE, DRAIN SYSTEM TO ELIMINATE STANDING WATER, VISUAL USER INTERFACE, AUTO SHUTOFF, AND ANTI-MICROBIAL PROTECTION. UÜUX@ÒÁ@ VÒÕÜŒŠÁ Œ/ÒÜÁD ŠŠÒÜÉԌڌӊÒÁJØÁ ÃÕÚP ÁÆ ÖÁ €%ØÄÖÜ@ S@ ÕÁ/ Œ/ÒÜÁOŒÌÒÖÁJÞÁI€%Ø AMBIENT. COORDINATE ELECTRICAL REQUIREMENTS WITH E/C. PROVIDE WITH ELKAY MODEL EWF172 LEAD REDUCTION WATER FILTRATION KIT, WITH (1) SPARE REPLACEMENT FILTER FOR EACH KIT PROVIDED.	2"	1-1/2"	1/2"	
5-1	24"x24" JANITORS SINK	FIAT	TSB100	ONE PIECE PRECAST TERRAZO MOP SERVICE BASIN, 12" CONTINUOUS DEPTH. TERRAZO SHALL BE CONSTRUCTED TO A COMPRESSIVE STRENGTH OF NOT LESS THAN 3000 PSI, WITH POLISHED AND SEALED FINISH. BASIN TO BE INSTALLED ON MINIMUM 1/2" LAYER OF MORTAR FOR LEVELING, REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS.	PROVIDE WITH STAINLESS STEEL STRAINER (#1453BB), QUICK DRAIN CONNECTORS, INTEGRAL TILING FLANGES, STAINLESS STEEL CAPS ON ALL SHOULDERS, WALL MOUNTED MOP SERVICE SINK WITH PAIL HOOK (830AA), HOSE AND HOSE BRACKET (832AA), SILICONE SEALANT (833AA) AND HEAVY GAUGE STAINLESS STEEL WALL GUARDS (MSG).	3"	1-1/2"	1/2"	
D-1	FLOOR DRAIN	ZURN	Z-415	CAST IRON TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEP HOLES, REVERSIBLE CLAMPING COLLAR, NICKEL BRONZE ADJUSTABLE STRAINER.	DIMENSIONS OF TOP STRAINER: FOR 2 INCH OUTLET PROVIDE WITH A 5 INCH TOP, FOR A 3 INCH OUTLET PROVIDE WITH 8 INCH TOP AND A 6" OUTLET PROVIDE WITH A 10" TOP. PROVIDE TY SEALS FOR FLOOR DRAINS MOUNTED IN FLOORS ABOVE GRADE, VERIFY PIPE SIZES ON PLANS. PROVIDE WITH ASSE 1072 APPROVED TRAP SEALING INSERT TYPICAL OF SURESEAL SERIES SS - SIZE PER FLOOR DRAIN OUTLET.	OUTLET SIZE PER PLAN	PER PLAN	-	
8-1	HOSE BIB	WOODFORD	MODEL 24	ANTI-SIPHON VACUUM BREAKER WALL FAUCET WITH HOSE THREADS.	-	-	-	3/4"	
ŴН	FREEZEPROOF WALL HYDRANT	WOODFORD	B65	NON-FREEZE, SELF DRAINING TYPE WITH POLISHED BRASS CONCEALING BOX AND DOOR, HOSE THREAD SPOUT, REMOVABLE KEY WITH EACH HYDRANT, AND VACUUM BREAKER.	PROVIDE WITH SPARE KEY FOR EACH HYDRANT PROVIDED.	-	-	3/4"	Ī
1-1	FREEZE-PROOF ROOF HYDRANT	FREEZEFLOW	2131R	SELF CONTAINED DRAIN PROOF AND FREEZE PROOF ROOF HYDRANT WITH HEAVY DUTY BRASS HOSE BIBB WITH PAIL HOOK, 1" GALVANIZED SCHEDULE 40 STEEL PIPE RISER, STAINLESS STEEL DRAINAGE CANISTER, AND OPTIONAL BACKFLOW PREVENTION DEVICE. INSTALL WITH CANISTER AT MANUFACTURER REQUIRED DEPTH BELOW ROOF DECK.	-	-	-	3/4"	
со	FINISHED FLOOR CLEANOUT	ZURN	Z-1400	ADJUSTABLE FLOOR CLEANOUT, CAST IRON BODY, WITH GAS AND WATER-TIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED SECURED HEAVY DUTY TOP, ADJUSTABLE TO FINISH FLOOR. CAST IN CONCRETE PER DETAIL.	CLEANOUT SHALL BE THE SAME SIZE AS PIPING UP TO 4". 4" AND LARGER PIPING SHALL BE A 4" CLEANOUT.	-		-	
co	FINISHED FLOOR CLEANOUT	ZURN	Z-1400	ADJUSTABLE FLOOR CLEANOUT, CAST IRON BODY, WITH GAS AND WATER-TIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED SECURED HEAVY DUTY TOP, ADJUSTABLE TO FINISH FLOOR.	CLEANOUT SHALL BE THE SAME SIZE AS PIPING UP TO 4". 4" AND LARGER PIPING SHALL BE A 4" CLEANOUT.	-		-	Ī
0	WALL CLEANOUT	ZURN	Z-1446	CLEANOUT TEE, DURA COATED CAST IRON BODY, GAS AND WATERTIGHT, ABS TAPERED THREAD PLUG AND ROUND, SMOOTH STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW.	CLEANOUT SHALL BE THE SAME SIZE AS PIPING UP TO 4". 4" AND LARGER PIPING SHALL BE A 4" CLEANOUT.	-		-	Ť
ИВ	ICE MACHINE ROUGH-IN BOX	GUY GRAY	MIB1	20 GAUGE ROUGH-IN BOX WITH FACEPLATE. WHITE POWDER COAT ON COLD ROLLED STEEL FINISH.	PROVIDE WITH 1/2" QUARTER TURN SWEAT VALVE.	-	-	1/2"	Ť

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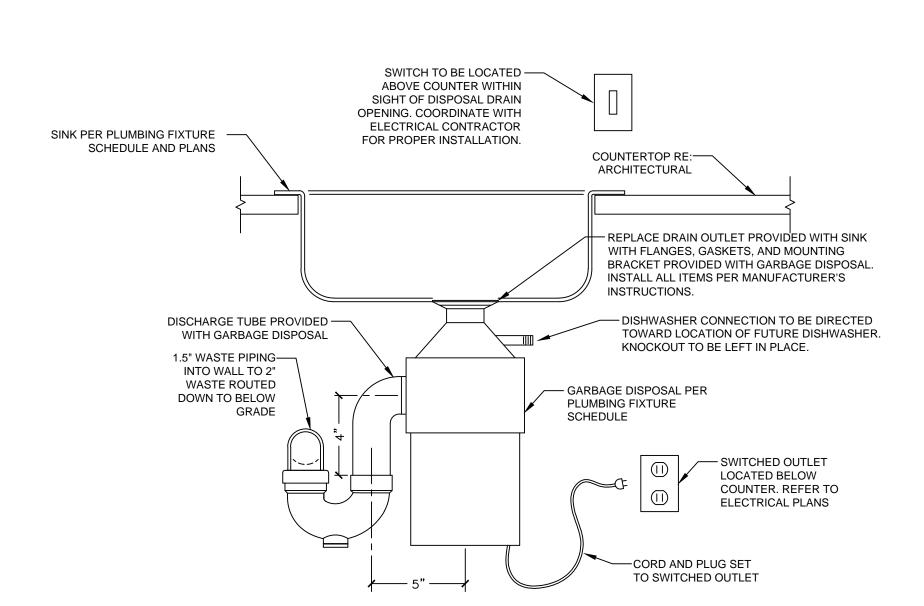


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Please consider the environment before printing this.

### 1 SINK/GARBAGE DISPOSAL INSTALLATION DETAIL SCALE: NO SCALE



### 2 SHOCK ABSORBER DETAIL

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HORIZONTAL BRANCH LINES WHICH EXCEED 20' IN LENGTH: PROVIDE MIN. SEAMLESS SPIN-OF TWO (2) SHOCK ABSORBERS, WITH A COMBINED FIXTURE UNIT LOAD REDUCTION CAPACITY EQUAL TO OR GREATER THAN THE SUM OF ALL FIXTURES SERVED BY THE HORIZONTAL BRANCH. LEAD FREE SOLDER JOINT SHOCK ABSORBER LOCATIONS STANDARD WROUGHT — COPPER ADAPTER WITH FIXTURE UNIT LOADS SUPPLY FIXTURE PUBLIC PRIVATE WRENCH HEX TYPE WATER FLUSH VALVE 8.0 8.0 5.0 CLOSET (1.6 GPF) WATER | FLUSH TANK | 2.5 2.5 CLOSET (1.6 GPF) PDI PIPE FIXTURE SIZE SIZE (X) UNIT LOAD FLUSH VALVE URINAL (1.0 GPF) AA 0.5" LAVATORY FAUCET 1-3 0.5" 1-11 SINK FAUCET MIXING SHOWER B 0.75" 12-32 VALVE BATHTUB FAUCET 33-60 - TEMPERATURE AND PRESSURE RELIEF DRAIN. SERVICE ROUTE TO DISCHARGE TO JANITORS SINK, 61-113 FAUCET SINK TERMINATE WITH AIR GAP WASHING AUTOMATIC 114-154 MACHINE (8 lb) \* ALL FIXTURES NOT LISTED IN TABLE SHALL HAVE FIXTURE UNIT 155-330 LOAD VALUE DETERMINED BY 2006 IPC TABLE E103.3 ·-----PROVIDE SHOCK ABSORBERS ON ALL PLUMBING BATTERIES AND SINGLE FIXTURES AS SPECIFIED. ALL SHOCK ABSORBERS SHALL BE PROVIDED, SIZED, AND INSTALLED PER PDI STANDARD WH-201.

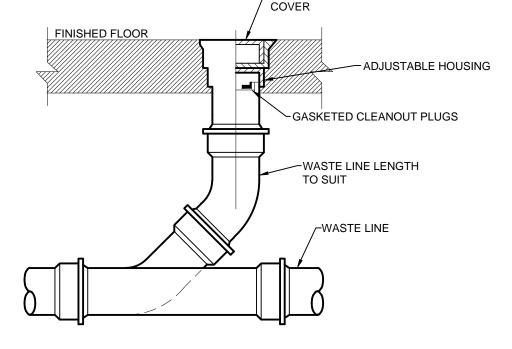
# BETWEEN THE LAST TWO (2) FIXTURES SERVED. — > 20'

PDI SIZE TO BE DETERMINED BASED UPON FIXTURE UNIT LOAD HORIZONTAL BRANCH LINES UP TO 20' IN LENGTH: PROVIDE ONE (1) SHOCK ABSORBER AT THE END OF THE HORIZONTAL BRANCH LINE

BRANCHES SERVING SINGLE FIXTURES: PROVIDE PDI SIZE "AA" SHOCK ABSORBER ON ALL BRANCH LINES SERVING SINGLE FIXTURES (EXCLUDING FLUSH VALVE ACTIVATED FIXTURES).

### 3 FLOOR CLEANOUT DETAIL SCALE: NO SCALE

PDI SIZE "A



13

14

COLD ROLLED AND SPUN-CLOSED SEAMLESS

60 PSIG AIR CHARGE

TYPE L COPPER TUBE

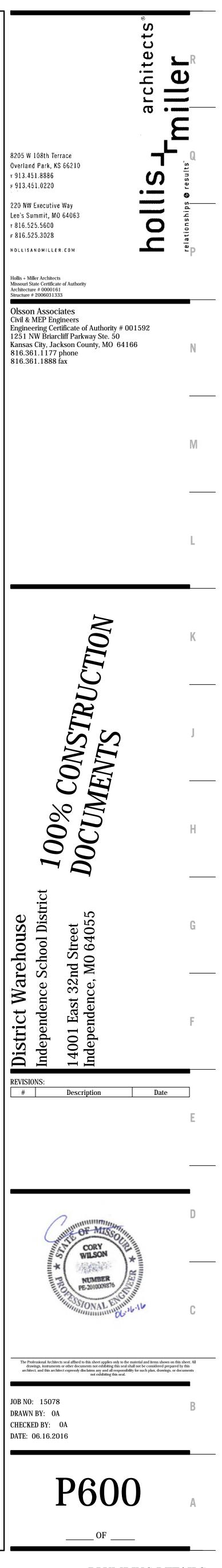
INVERTED HHPP PISTON.

PRESSURE LUBRICATED

WITH DOW-CORNING, FDA APPROVED 111 SILICONE

TWO EDPM O-RINGS,

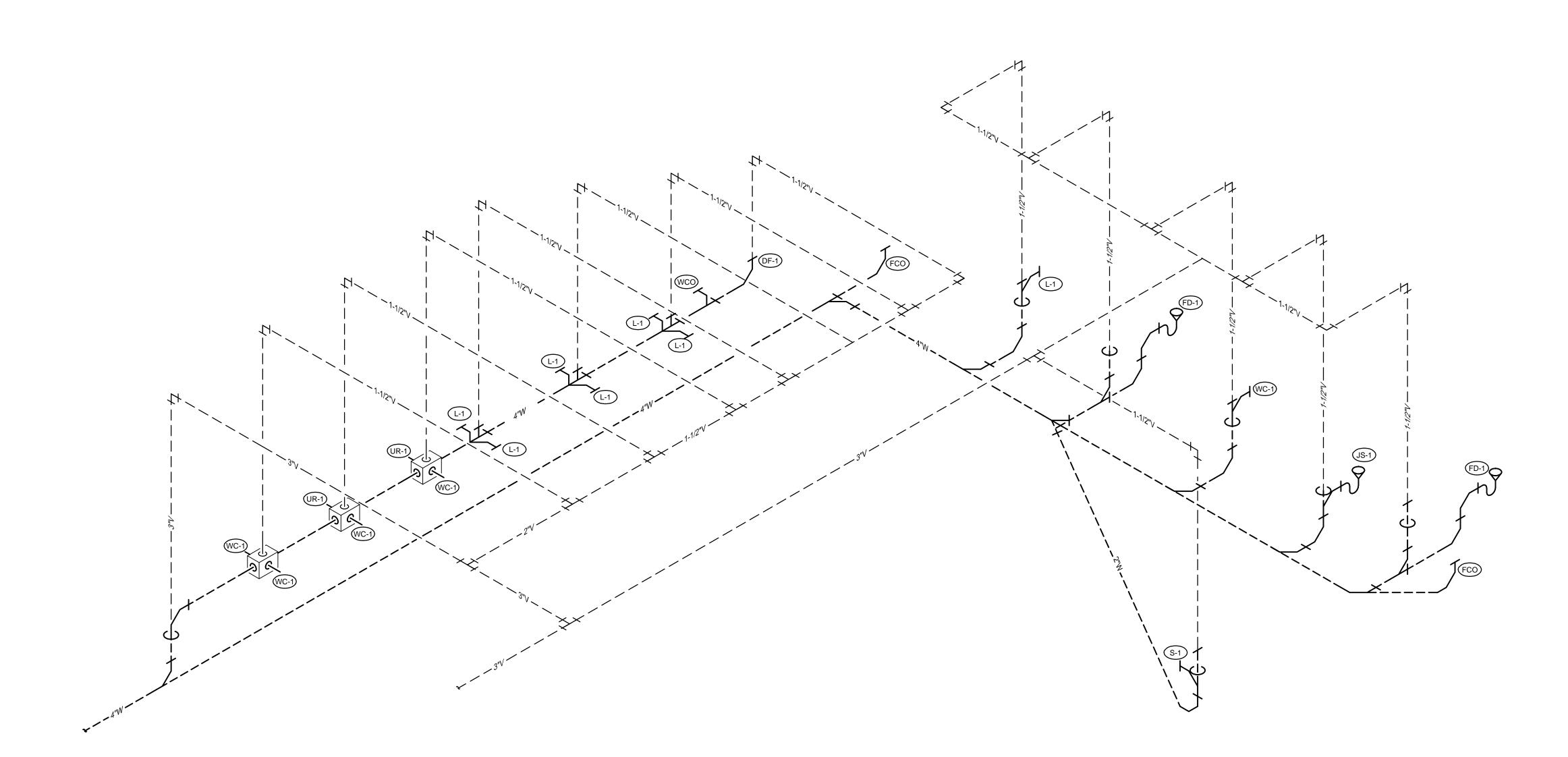
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						1-1/2"CW	WC-1 (L-1)	L-1	X

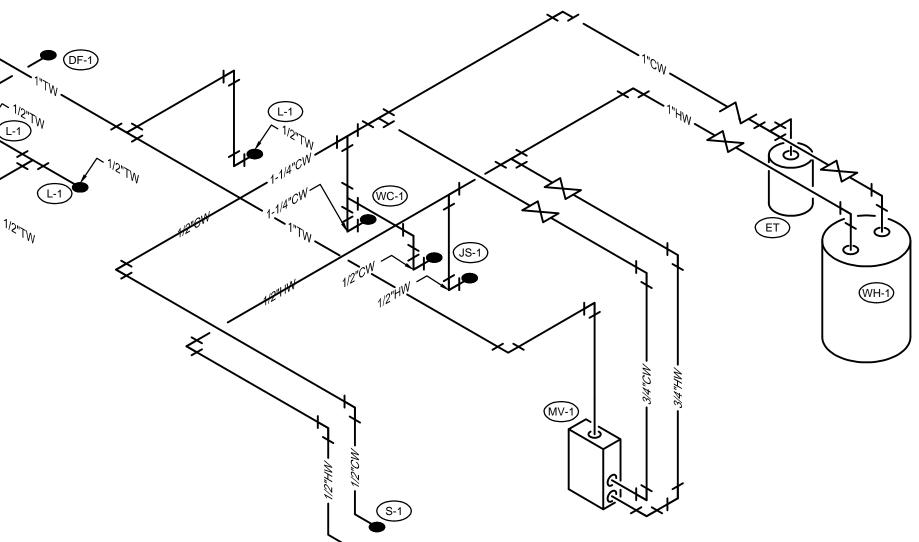
2 DOMESTIC WATER RISER ROOMS 118, 119, 120, 120A SCALE: NONE

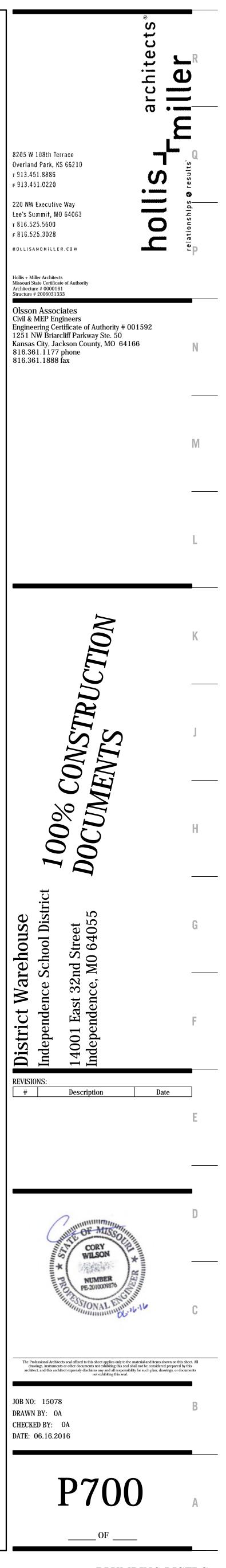


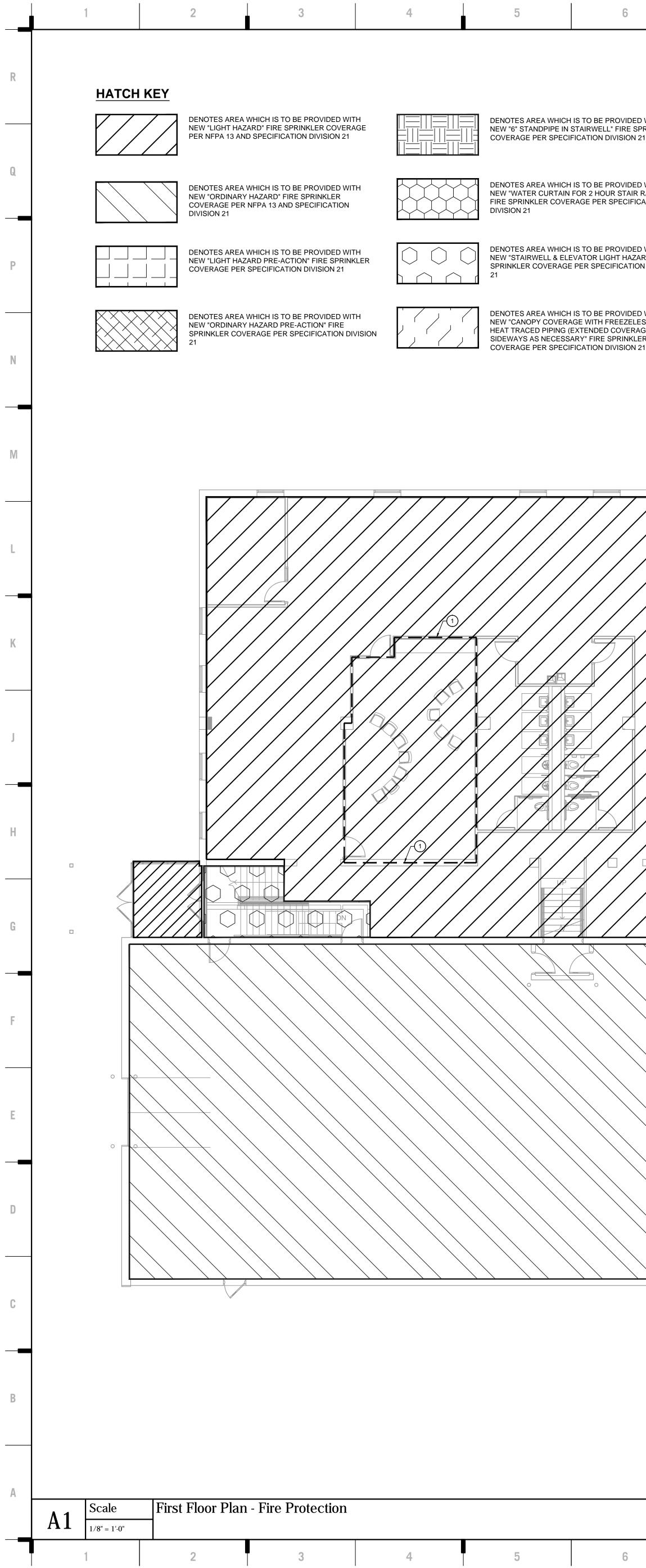
1 WASTE AND VENT RISER ROOMS 118, 119, 120, 120A SCALE: NONE

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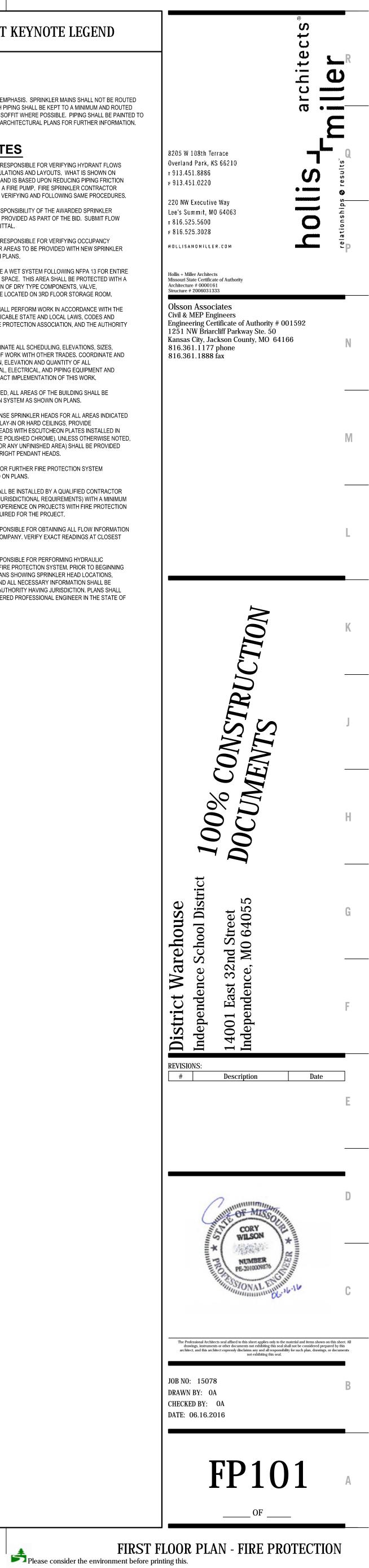


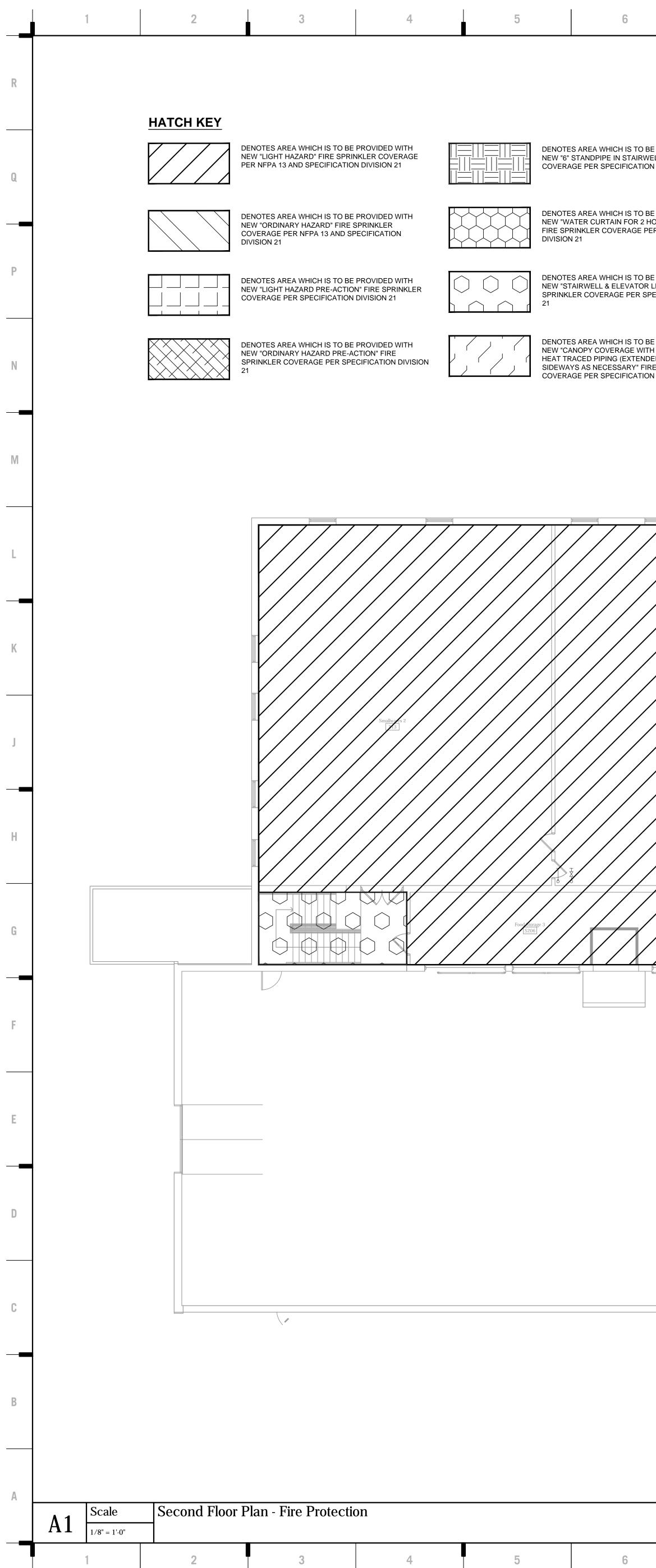


6 7	8 9 10 11 12	13 14 15	16 17 SHEET KEYNOTE LEGEND
OVIDED WITH IRE SPRINKLER SION 21			PLAN NOTES         1       ROOM WILL BE AN AREA OF EMPHASIS. SPRINKLER MAINS SHALL NOT BE ROUTED WITHIN THE ROOM. BRANCH PIPING SHALL BE KEPT TO A MINIMUM AND ROUTED WITHIN THE WRAP-AROUND SOFFIT WHERE POSSIBLE. PIPING SHALL BE PAINTED TO MATCH CEILING. REFER TO ARCHITECTURAL PLANS FOR FURTHER INFORMATION.
OVIDED WITH STAIR RATING" ECIFICATION			GENERAL NOTES 1. SPRINKLER CONTRACTOR IS RESPONSIBLE FOR VERIFYING HYDRANT FLOWS PRIOR TO ANY DESIGN CALCULATIONS AND LAYOUTS. WHAT IS SHOWN ON THESE PLANS IS SCHEMATIC AND IS BASED UPON REDUCING PIPING FRICTION LOSS WITHOUT THE NEED OF A FIRE PUMP. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND FOLLOWING SAME PROCEDURES.
OVIDED WITH "HAZARD" FIRE CATION DIVISION			<ol> <li>A FLOWTEST WILL BE THE RESPONSIBILITY OF THE AWARDED SPRINKLER CONTRACTOR AND SHALL BE PROVIDED AS PART OF THE BID. SUBMIT FLOW TEST WITH SPRINKLER SUBMITTAL.</li> <li>SPRINKLER CONTRACTOR IS RESPONSIBLE FOR VERIFYING OCCUPANCY HAZARD CLASSIFICATION FOR AREAS TO BE PROVIDED WITH NEW SPRINKLER</li> </ol>
OVIDED WITH EZELESS OR OVERAGE RINKLER			<ul> <li>COVERAGE AS INDICATED ON PLANS.</li> <li>4. THE ENTIRE DESIGN SHALL BE A WET SYSTEM FOLLOWING NFPA 13 FOR ENTIRE BUILDING EXCEPT FOR ATTIC SPACE. THIS AREA SHALL BE PROTECTED WITH A DRY TYPE SYSTEM. LOCATION OF DRY TYPE COMPONENTS, VALVE, COMPRESSOR, ETC. SHALL BE LOCATED ON 3RD FLOOR STORAGE ROOM.</li> <li>5. SPRINKLER CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL LAWS, CODES AND ORDINANCES, NATIONAL FIRE PROTECTION ASSOCIATION, AND THE AUTHORITY</li> </ul>
SION 21			<ul> <li>HAVING JURISDICTION.</li> <li>CONTRACTOR SHALL COORDINATE ALL SCHEDULING, ELEVATIONS, SIZES, QUANTITIES, AND ROUTING OF WORK WITH OTHER TRADES. COORDINATE AND FIELD VERIFY SIZE, LOCATION, ELEVATION AND QUANTITY OF ALL ARCHITECTURAL, MECHANICAL, ELEOTRICAL, AND PIPING EQUIPMENT AND COMPONENTS THAT MAY IMPACT IMPLEMENTATION OF THIS WORK.</li> <li>UNLESS OTHERWISE INDICATED, ALL AREAS OF THE BUILDING SHALL BE "WET-PIPE" FIRE PROTECTION SYSTEM AS SHOWN ON PLANS.</li> <li>PROVIDE NEW QUICK-RESPONSE SPRINKLER HEADS FOR ALL AREAS INDICATED ON PLANS. FOR AREAS WITH LAY-IN OR HARD CEILINGS, PROVIDE SEMI-RECESSED PENDANT HEADS WITH ESCUTCHEON PLATES INSTALLED IN CEILING (ALL PARTS SHALL BE POLISHED CHROME). UNLESS OTHERWISE NOTED, AREAS WITHOUT A CEILING (OR ANY UNFINISHED AREA) SHALL BE PROVIDED WITH BRASS, UN-PLATED, UPRIGHT PENDANT HEADS.</li> <li>REFER TO SPECIFICATIONS FOR FURTHER FIRE PROTECTION SYSTEM REQUIREMENTS NOT STATED ON PLANS.</li> <li>FIRE PROTECTION WORK SHALL BE INSTALLED BY A QUALIFIED CONTRACTOR (SPRINKLER FITTER OR PER JURISDICTIONAL REQUIREMENTS) WITH A MINIMUM 2 YEARS OF INTERN TO REP JURISDICTIONAL REQUIREMENTS) WITH A MINIMUM</li> </ul>
			<ul> <li>3 YEARS OF INSTALLATION EXPERIENCE ON PROJECTS WITH FIRE PROTECTION WORK SIMILAR TO THAT REQUIRED FOR THE PROJECT.</li> <li>11. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL FLOW INFORMATION FOR DESIGN FROM UTILITY COMPANY. VERIFY EXACT READINGS AT CLOSEST LOCATION TO BUILDING.</li> <li>12. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING HYDRAULIC CALCULATIONS FOR ENTIRE FIRE PROTECTION SYSTEM. PRIOR TO BEGINNING WORK, FIRE PROTECTION PLANS SHOWING SPRINKLER HEAD LOCATIONS, HYDRAULIC CALCULATION, AND ALL NECESSARY INFORMATION SHALL BE SUBMITTED FOR APPROVAL AUTHORITY HAVING JURISDICTION. PLANS SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF KANSAS.</li> </ul>

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ED WITH ZARD" FIRE ION DIVISION	J										<ol> <li>A FLOWTEST WILL BE THE RES CONTRACTOR AND SHALL BE P TEST WITH SPRINKLER SUBMIT</li> <li>SPRINKLER CONTRACTOR IS R</li> </ol>	PONSIBILITY OF THE AWARDED SPRINKLER PROVIDED AS PART OF THE BID. SUBMIT FLOW TAL. ESPONSIBLE FOR VERIFYING OCCUPANCY AREAS TO BE PROVIDED WITH NEW SPRINKLER
ED WITH LESS OR RAGE											BUILDING EXCEPT FOR ATTIC S DRY TYPE SYSTEM. LOCATION COMPRESSOR, ETC. SHALL BE 5. SPRINKLER CONTRACTOR SHA	A WET SYSTEM FOLLOWING NFPA 13 FOR ENTIRE SPACE. THIS AREA SHALL BE PROTECTED WITH A OF DRY TYPE COMPONENTS, VALVE, LOCATED ON 3RD FLOOR STORAGE ROOM. LL PERFORM WORK IN ACCORDANCE WITH THE CABLE STATE AND LOCAL LAWS, CODES AND
KLER N 21											ORDINANCES, NATIONAL FIRE F HAVING JURISDICTION. 6. CONTRACTOR SHALL COORDIN QUANTITIES, AND ROUTING OF	ACTE ALL SCHEDULING, ELEVATIONS, SIZES, WORK WITH OTHER TRADES. COORDINATE AND ELEVATION AND QUANTITY OF ALL
											<ul> <li>ARCHITECTURAL, MECHANICAL COMPONENTS THAT MAY IMPA</li> <li>7. UNLESS OTHERWISE INDICATE "WET-PIPE" FIRE PROTECTION</li> <li>8. PROVIDE NEW QUICK-RESPONS ON PLANS. FOR AREAS WITH L/ SEMI-RECESSED PENDANT HE/ CEILING (ALL PARTS SHALL BE AREAS WITHOUT A CEILING (OF WITH BRASS, UN-PLATED, UPRI</li> </ul>	, ELECTRICAL, AND PIPING EQUIPMENT AND CT IMPLEMENTATION OF THIS WORK. D, ALL AREAS OF THE BUILDING SHALL BE SYSTEM AS SHOWN ON PLANS. SE SPRINKLER HEADS FOR ALL AREAS INDICATED AY-IN OR HARD CEILINGS, PROVIDE ADS WITH ESCUTCHEON PLATES INSTALLED IN POLISHED CHROME). UNLESS OTHERWISE NOTED, R ANY UNFINISHED AREA) SHALL BE PROVIDED IGHT PENDANT HEADS.
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											11. CONTRACTOR SHALL BE RESPO FOR DESIGN FROM UTILITY CON LOCATION TO BUILDING.	ONSIBLE FOR OBTAINING ALL FLOW INFORMATION MPANY. VERIFY EXACT READINGS AT CLOSEST ONSIBLE FOR PERFORMING HYDRAULIC
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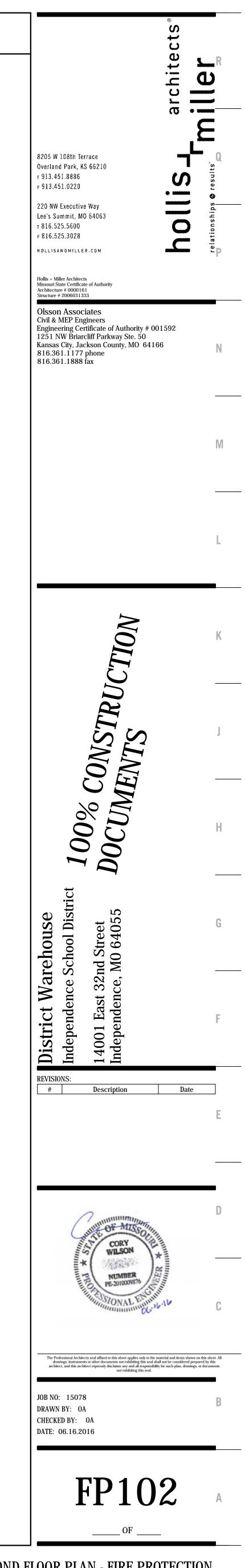
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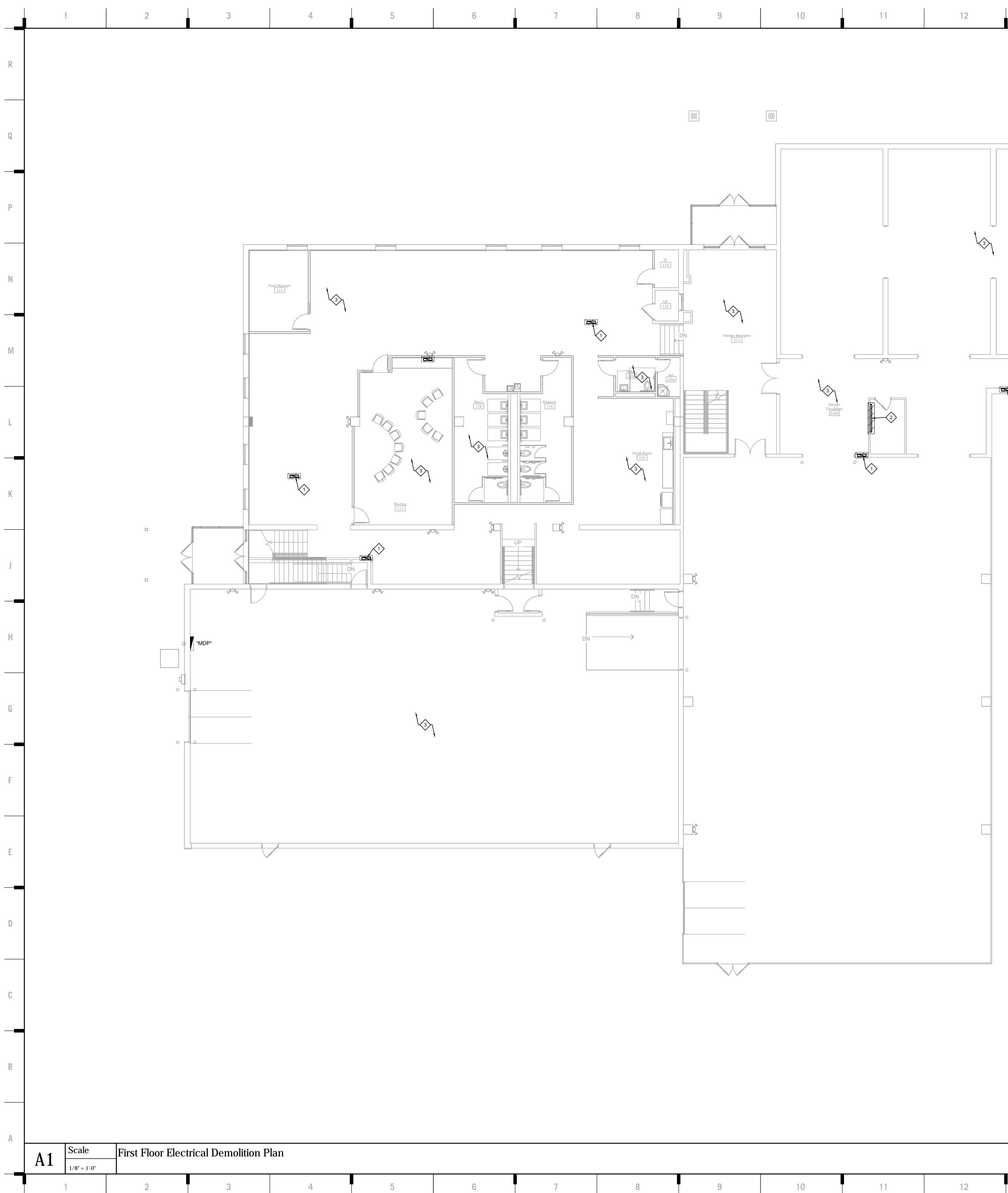


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S TO BE PROVIDE TAIRWELL" FIRE S CATION DIVISION S TO BE PROVIDE OR 2 HOUR STAIF AGE PER SPECIFI AGE PER SPECIFICATION S TO BE PROVIDE ATOR LIGHT HAZ PER SPECIFICATION S TO BE PROVIDE S TO BE PROVIDE	SPRINKLER 21 ED WITH R RATING" CATION ED WITH ARD" FIRE ON DIVISION ED WITH ESS OR AGE LER											<ul> <li>SPRINKLER CONTRACTOR IS RESPONSIBLE FOR VERIFYING HYDRANT FLOWS PRIOR TO ANY DESIGN CALCULATIONS AND LAYOUTS. WHAT IS SHOWN ON THESE PLANS IS SCHEMATIC AND IS BASED UPON REDUCING PIPING FRICTION LOSS WITHOUT THE NEED OF A FIRE PUMP. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND FOLLOWING SAME PROCEDURES.</li> <li>A FLOWTEST WILL BE THE RESPONSIBILITY OF THE AWARDED SPRINKLER CONTRACTOR AND SHALL BE PROVIDED AS PART OF THE BID. SUBMIT FLOW TEST WITH SPRINKLER SUBMITTAL.</li> <li>SPRINKLER CONTRACTOR IS RESPONSIBLE FOR VERIFYING OCCUPANCY HAZARD CLASSIFICATION FOR AREAS TO BE PROVIDED WITH NEW SPRINKLER COVERAGE AS INDICATED ON PLANS.</li> <li>THE ENTIRE DESIGN SHALL BE A WET SYSTEM FOLLOWING NFPA 13 FOR ENTIRE BUILDING EXCEPT FOR ATTIC SPACE. THIS AREA SHALL BE PROTECTED WITH A DRY TYPE SYSTEM. LOCATION OF DRY TYPE COMPONENTS, VALVE, COMPRESSOR, ETC. SHALL BE LOCATED ON 3RD FLOOR STORAGE ROOM.</li> <li>SPRINKLER CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL LAWS, CODES AND ORDINANCES, MATIONAL FIRE PROTECTION ASSOCIATION, AND THE AUTHORITY HAVING JURISDICTION.</li> <li>CONTRACTOR SHALL COORDINATE ALL SCHEDULING, ELEVATIONS, SIZES. QUANTITIES, AND ROUTING OF WORK WITH OTHER TRADES. COORDINATE AND FIELD VERIFY SIZE, LOCATION CONST WITH OTHER TRADES. COORDINATE AND COMPONENTS THAT MAY IMPACT IMPLEMENTATION OF THIS WORK.</li> <li>UNLESS OTHERWISE INDICATED, ALL AREAS OF THE BUILDING SHALL BE "WET-PIPE" FIRE PROTECTION SYSTEM AS SHOWN ON PLANS.</li> <li>PROVIDE NEW QUICK-RESPONSE SPRINKLER HEADS FOR ALL AREAS INDICATED ON PLANS. FOR AREAS WITH LAY-IN OR HARD CELLINGS, PROVIDE SEMI-RECESSED PENDANT HEADS WITH AS CUTCHEON PLATES INSTALLED IN CELLING (ALL PARTS SHALL BE POLISHED CHROME, UNLESS OTHERWISE, ONED, AREAS WITHOUT A CELLING (OR ANY UNINSHED AREAS SHALL BE PROVIDED</li> </ul>
							S100 Mezzanine S300					<ul> <li>AND MALE AND AND ANY UNANY UNANY</li></ul>

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SECOND FLOOR PLAN - FIRE PROTECTION



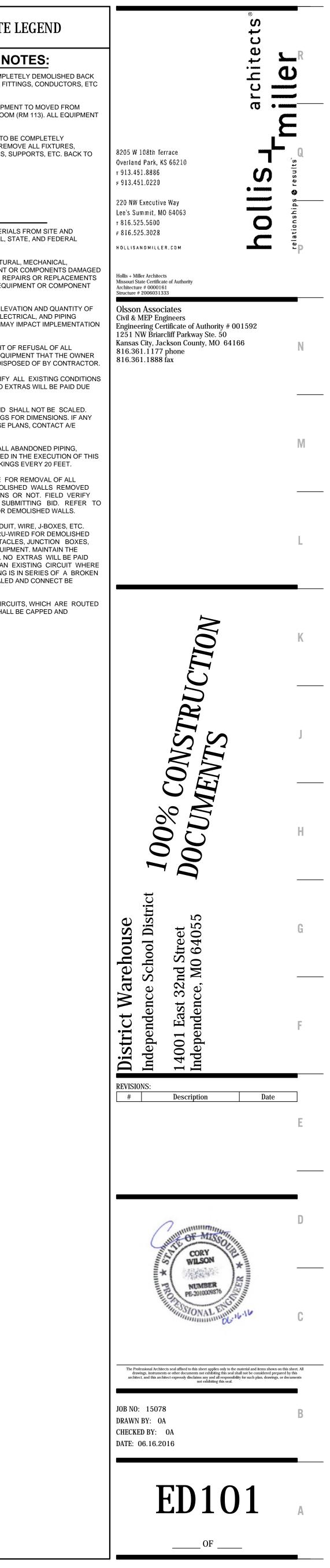
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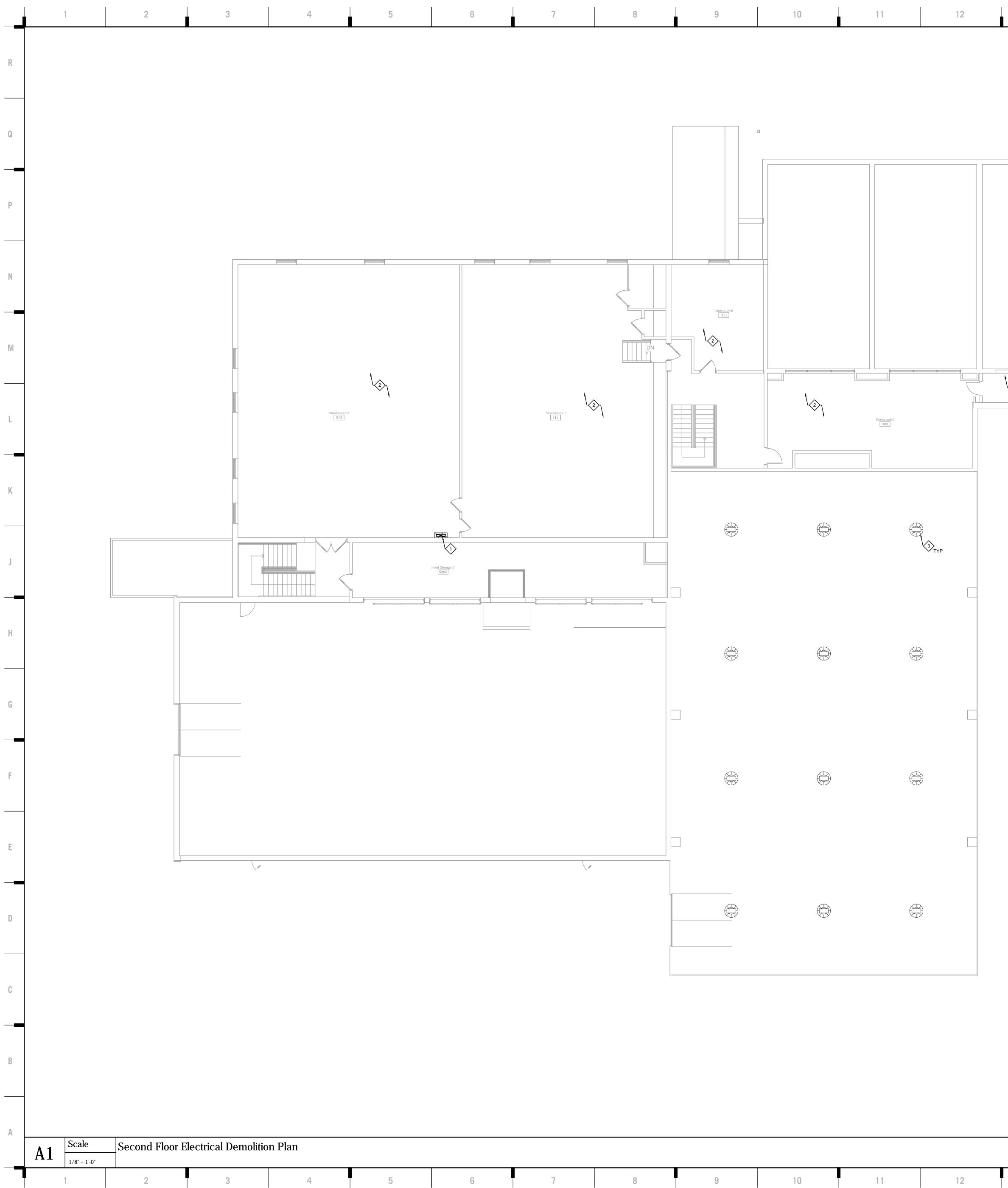
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					SHEET	' KEYNOTE LEGEND
					ALL EXISTING PAN TO SOURCE "MDP SHALL BE DEMOLI 2 EXISTING TELEPH EXISTING LOCATIO TO BE REPLACED 3 ALL LIGHTING WIT DEMOLISHED BAC	ONE/DATA EQUIPMENT TO MOVED FROM ON TO NEW IT ROOM (RM 113). ALL EQUIPMENT
13					DISPOSE IN ACCORDA REGULATIONS. 2. REPAIR OR REPL ELECTRICAL, OR PLUM WHILE EXECUTING TH SHALL MATCH OR EXC FINISH AND QUALITY. 3. FIELD VERIFY SIZ ALL ARCHITECTURAL,	DISHED MATERIALS FROM SITE AND NOLISHED MATERIALS FROM SITE AND NCE WITH LOCAL, STATE, AND FEDERAL ACE ARCHITECTURAL, MECHANICAL, IBING EQUIPMENT OR COMPONENTS DAMAGED IS WORK. SUCH REPAIRS OR REPLACEMENTS EED EXISTING EQUIPMENT OR COMPONENT EE, LOCATION, ELEVATION AND QUANTITY OF MECHANICAL, ELECTRICAL, AND PIPING PONENTS THAT MAY IMPACT IMPLEMENTATION
					EQUIPMENT THAT IS R CHOOSES NOT TO RET 5. CONTRACTOR SI PRIOR TO SUBMITTING TO UNANTICIPATED CO 6. PLANS ARE DIA REFER TO ARCHITEC DISCREPANCIES OCC IMMEDIATELY. 7. CONTRACTOR SI DUCTWORK, AND CON PROJECT, USING ORAI 8. CONTRACTOR IS ELECTRICAL SERVICE WHETHER INDICATED ALL EXISTING CONDI	AVE FIRST RIGHT OF REFUSAL OF ALL EMOVED. ANY EQUIPMENT THAT THE OWNER TAIN SHALL BE DISPOSED OF BY CONTRACTOR. HALL FIELD VERIFY ALL EXISTING CONDITIONS FINAL BIDS. NO EXTRAS WILL BE PAID DUE DNDITIONS. GRAMMATIC AND SHALL NOT BE SCALED. TURAL DRAWINGS FOR DIMENSIONS. IF ANY UR FROM THESE PLANS, CONTACT A/E HALL IDENTIFY ALL ABANDONED PIPING, DUIT DISCOVERED IN THE EXECUTION OF THIS NGE PAINT MARKINGS EVERY 20 FEET. S RESPONSIBLE FOR REMOVAL OF ALL ES IN ALL DEMOLISHED WALLS REMOVED ON THESE PLANS OR NOT. FIELD VERIFY TIONS BEFORE SUBMITTING BID. REFER TO L DRAWINGS FOR DEMOLISHED WALLS.

9. REMOVE ALL ASSOCIATED CONDUIT, WIRE, J-BOXES, ETC. WHERE DEMOLISHED DEVICE IS THRU-WIRED FOR DEMOLISHED WIRING DEVICES (LIGHTING, RECEPTACLES, JUNCTION BOXES, TELEPHONE OUTLETS, ETC.) AND EQUIPMENT. MAINTAIN THE INTEGRITY OF THE EXISTING CIRCUIT. NO EXTRAS WILL BE PAID FOR MAINTAINING THE INTEGRITY OF AN EXISTING CIRCUIT WHERE A DEVICE AND ITS ASSOCIATED WIRING IS IN SERIES OF A BROKEN CIRCUIT. THESE ITEMS ARE CONCEALED AND CONNECT BE VERIFIED PRIOR TO WORK.

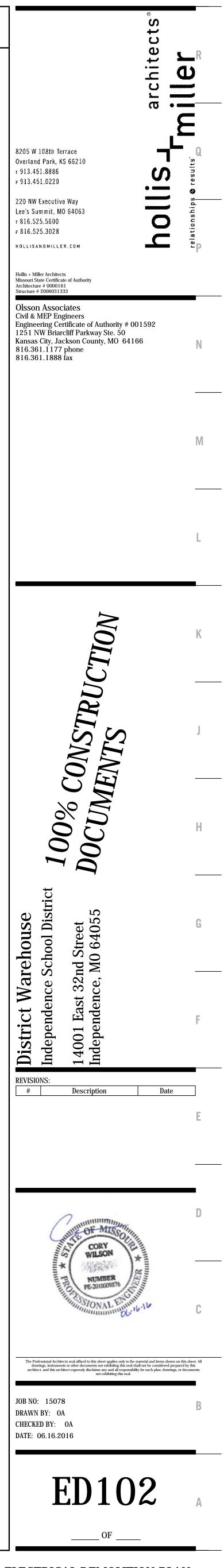
10. ALL EXISTING CONDUITS AND CIRCUITS, WHICH ARE ROUTED BELOW OR WITHIN EXISTING SLAB, SHALL BE CAPPED AND ABANDONED (IF APPLICABLE).

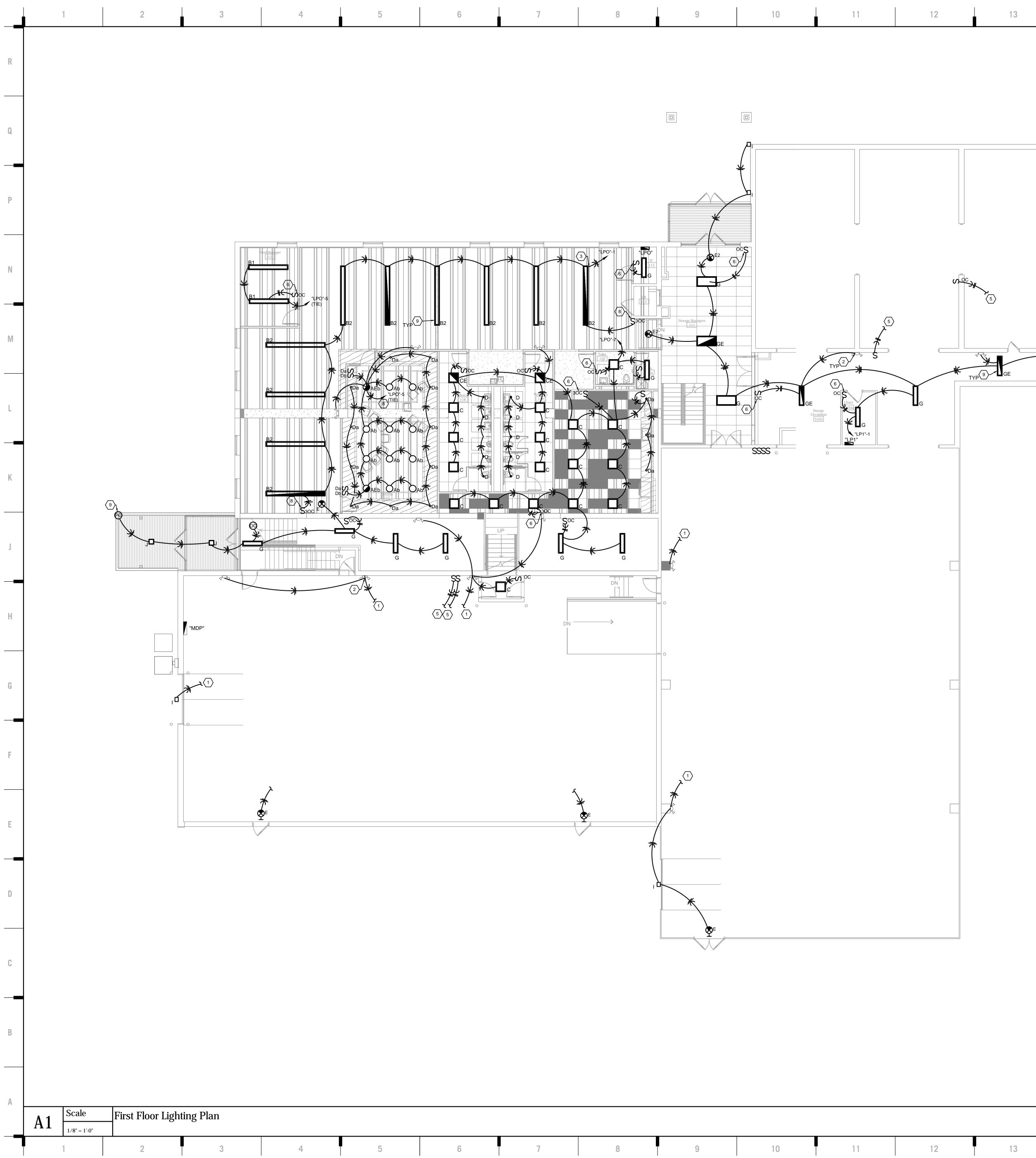
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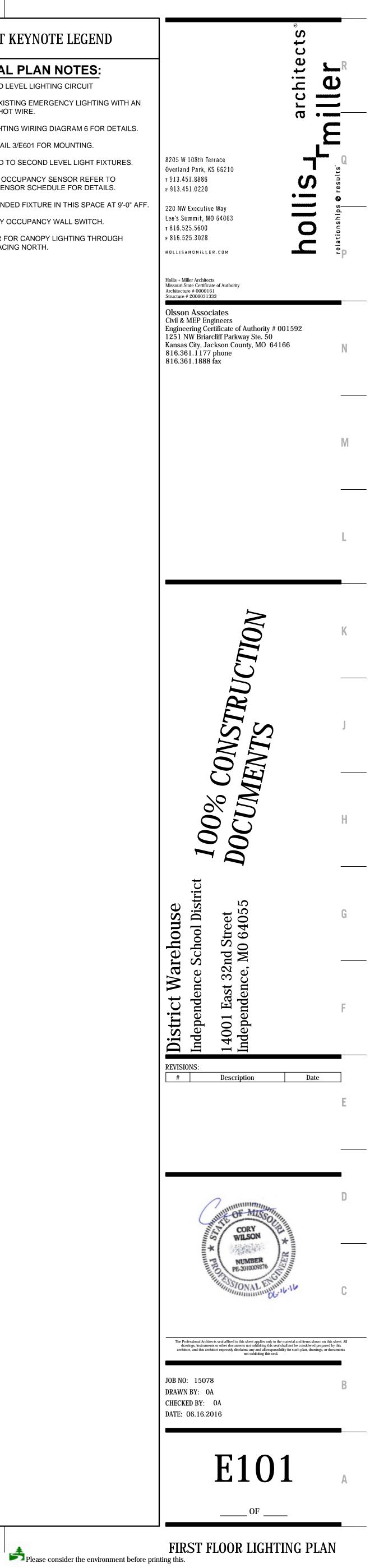
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				DEMOLITION P	YNOTE LEGEND LAN NOTES:
				2 ALL LIGHTING WITHIN TH DEMOLISHED BACK TO S	D BE COMPLETELY DEMOLISHED BACK CONDUIT, FITTINGS, CONDUCTORS, ETC IS AREA TO BE COMPLETELY OURCE. REMOVE ALL FIXTURES, IDUCTORS, SUPPORTS, ETC. BACK TO
				EXISTING HIGH BAY GYM EQUIVALENT LAMPS, AND	LIGHTING TO BE RELAMPED WITH LED D RECIRCUITED PER NEW PLANS.
S10	00 <u>Mezz</u> anine S300				
'					
13	14	15	16	17	SECOND FLOOR Please consider the environment before p

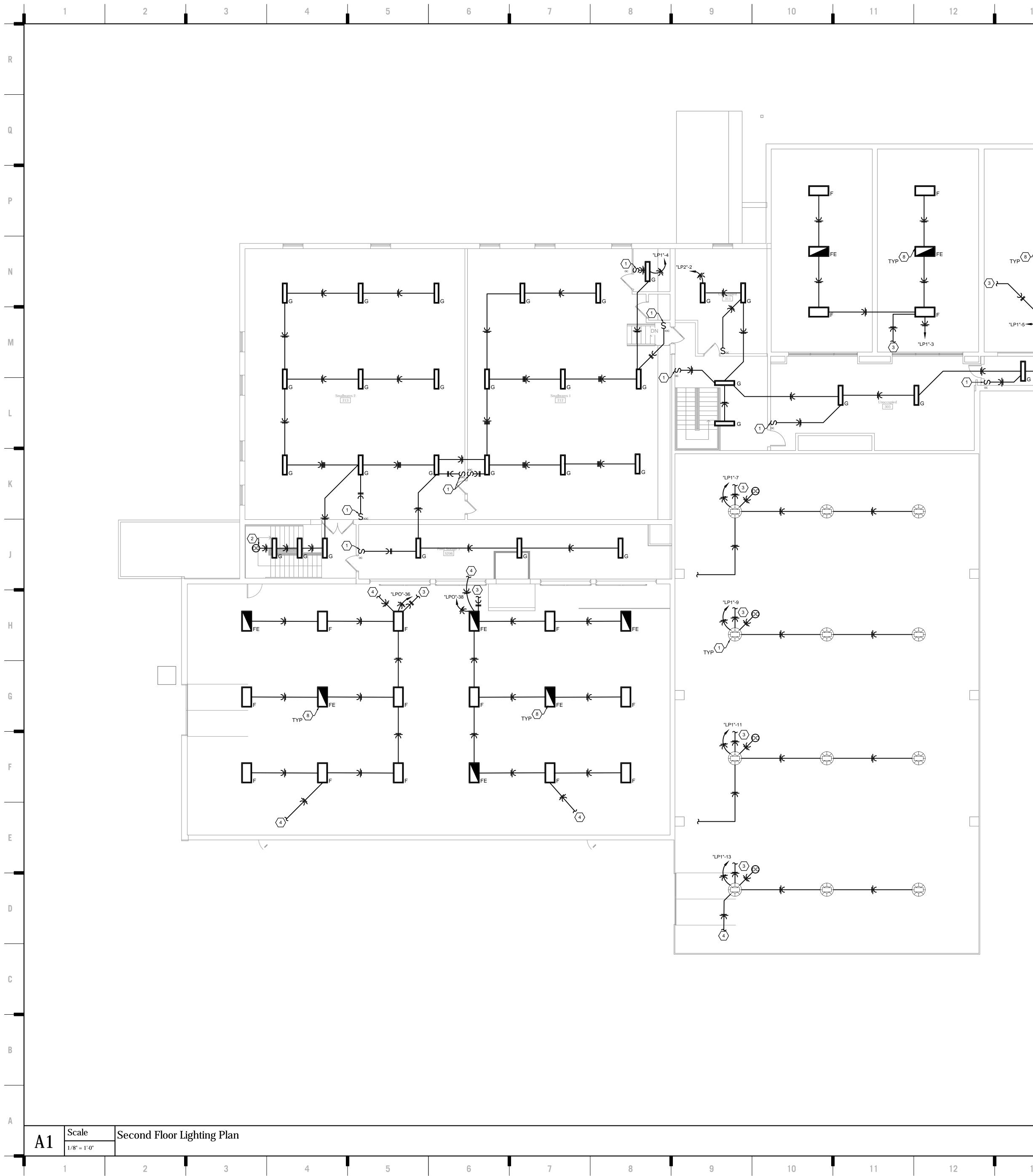




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				SHEET KEYNOTE LEGEND
				<ul> <li>ELECTRICAL PLAN NOTES:</li> <li>1 TIE TO SECOND LEVEL LIGHTING CIRCUIT</li> <li>2 CIRCUIT ALL EXISTING EMERGENCY LIGHTING WITH AN UNSWITCHED HOT WIRE.</li> <li>3 REFER TO LIGHTING WIRING DIAGRAM 6 FOR DETAILS.</li> <li>4 REFER TO DETAIL 3/E601 FOR MOUNTING.</li> <li>5 SWITCHES TIED TO SECOND LEVEL LIGHT FIXTURES.</li> <li>6 LINE VOLTAGE OCCUPANCY SENSOR REFER TO OCCUPANCY SENSOR SCHEDULE FOR DETAILS.</li> <li>7 MOUNT SUSPENDED FIXTURE IN THIS SPACE AT 9'-0" AFF.</li> <li>8 PROVIDE 3-WAY OCCUPANCY WALL SWITCH.</li> <li>9 ROUTE POWER FOR CANOPY LIGHTING THROUGH PHOTOCELL FACING NORTH.</li> </ul>

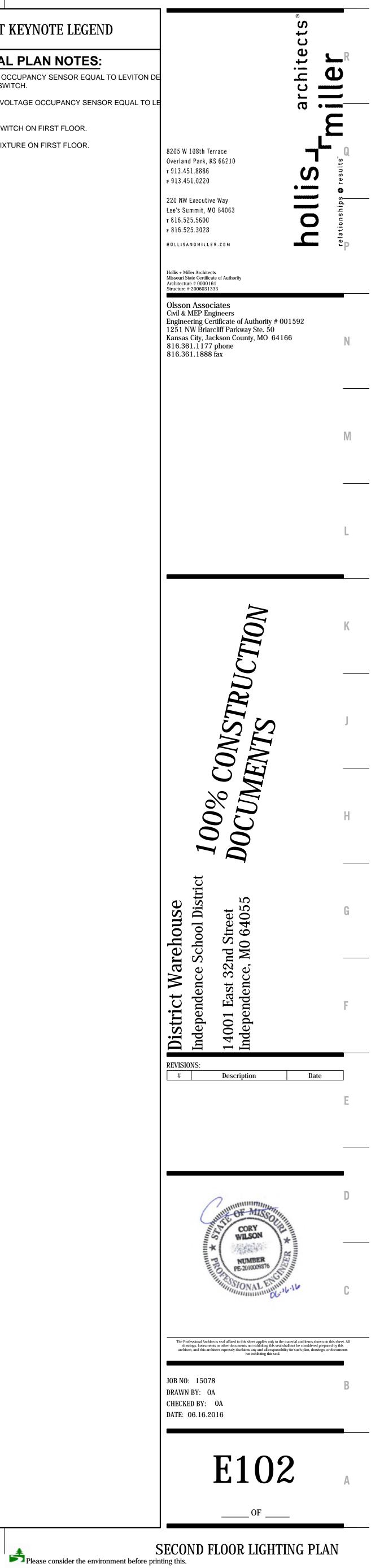


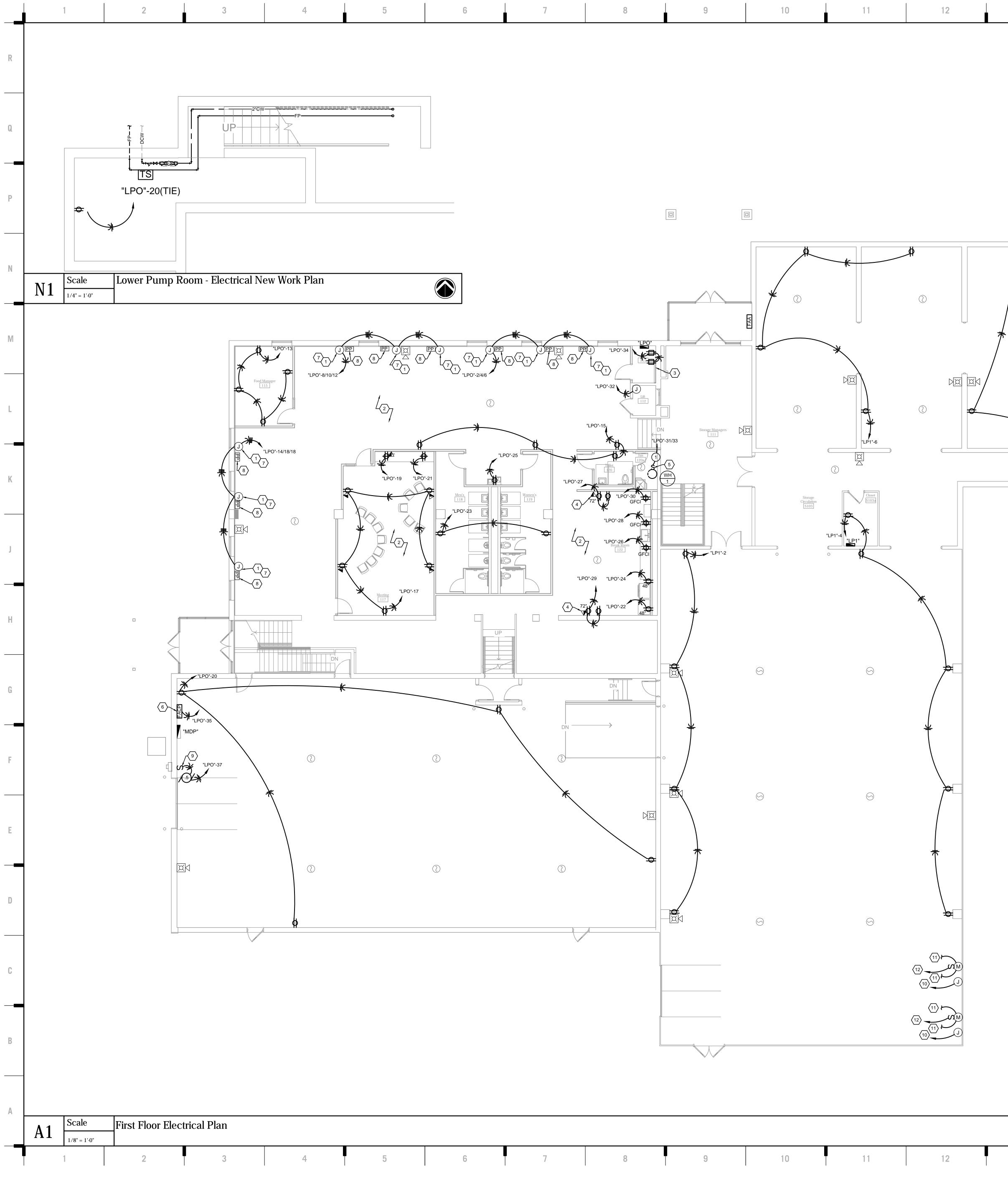


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				SHE	T KEYNOTE LEGEND
				1 LINE VOLTAG SERIES WALL 2 PROVIDE LINE ODCOS-I7. 3 TO LIGHTING	AL PLAN NOTES: E OCCUPANCY SENSOR EQUAL TO SWITCH. E VOLTAGE OCCUPANCY SENSOR E SWITCH ON FIRST FLOOR. FIXTURE ON FIRST FLOOR.
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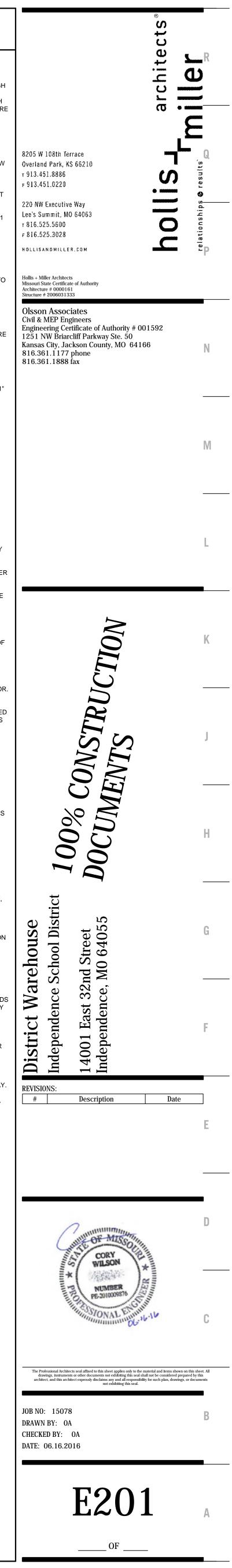
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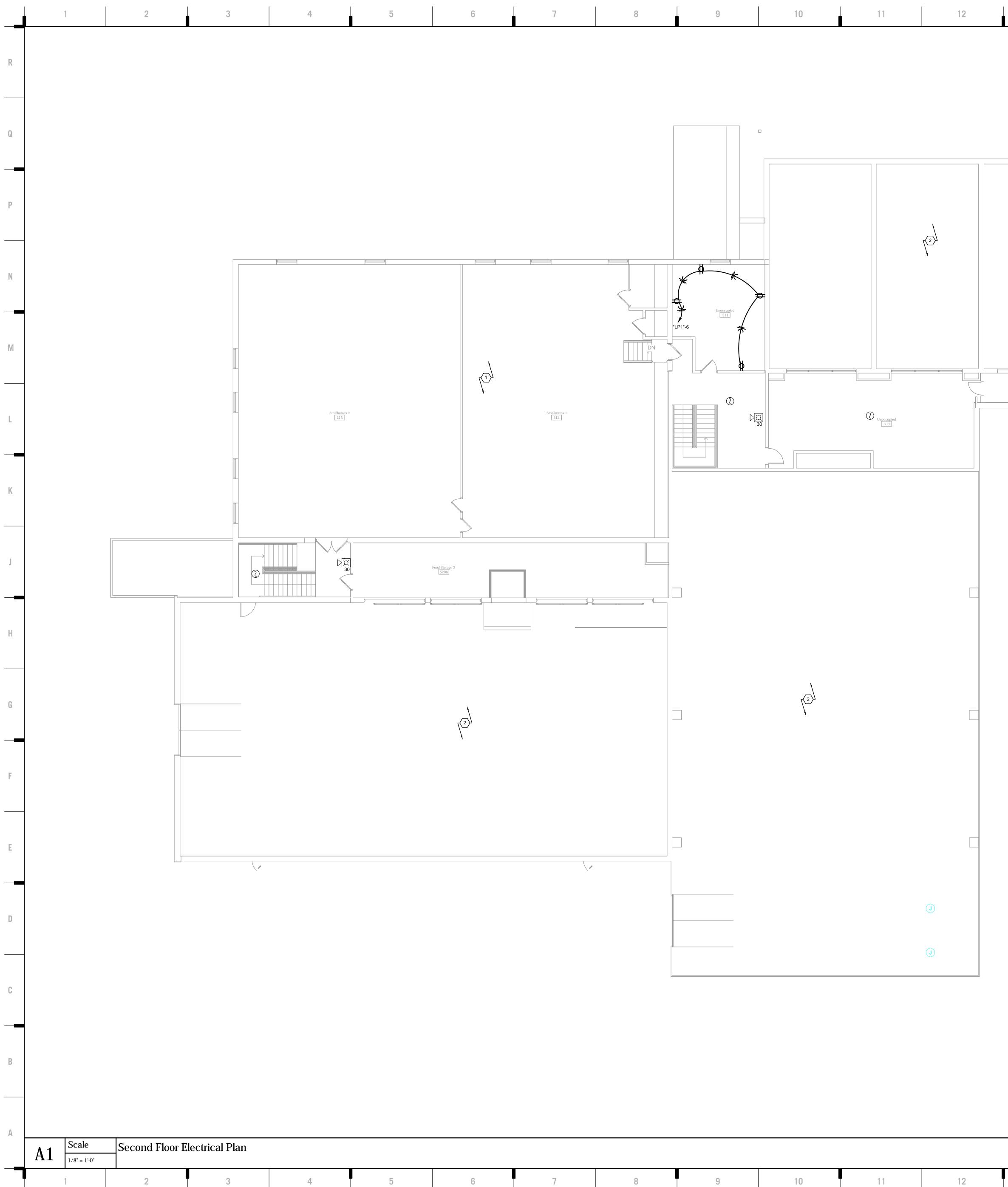




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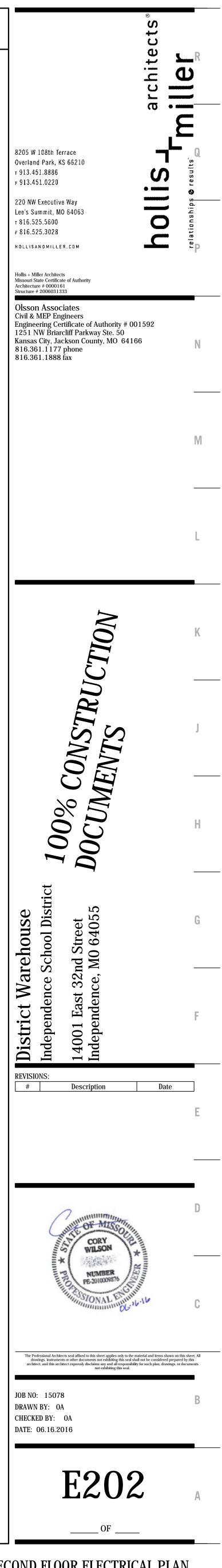
	SHEET KEYNOTE LEGEND
	1 PROVIDE J-BOX/CONDUIT MOUNTED WITHIN CEILING FOR CUBICLE POWER FEED CONNECTION. ROUTE CIRCUIT THROUGH POWER POLE FOR CONNECTION TO SYSTEMS FURNITURE. SURFACE MOUNT J-BOX AND COORDINATE EXACT COLOR WITH ARCHITECT. COORDINATE EXACT CONNECTION WITH FURNITURE PROVIDER.
	<ul> <li>FOR ALL EXPOSED CONDUIT, FITTING, DEVICES, ETC. WITHIN MEETING ROOM COORDINATE EXACT COLOR AND LOCATION WITH ARCHITECT.</li> </ul>
	3 ALL TELEPHONE/ DATE EQUIPMENT SHALL BE LOCATED TO NEW         IT ROOM FOLLOWING DEMOLITION TO BE RELOCATED TO THIS         ROOM.
	<ul> <li>PROVIDE ROUGH-IN FOR TV. INSTALL 2-GANG JUNCTION BOX AT 72" AFF WITH TV HOOKUP AND DUPLEX RECEPTACLE.</li> <li>PROVIDE 30A, 208V, 1¢ RATED TOGGLE DISCONNECT, IN NEMA 1 ENCLOSURE MOUNTED NEXT TO WATER HEATER. MAKE ALL FINAL CONNECTIONS.</li> </ul>
	<ul> <li>REFER TO FIRE ALARM RISER DIAGRAM FOR MORE DETAILS.</li> <li>PROVIDE JUNCTION BOX WITH SINGLE GANG MUD RING FOR VOICE/DATA CONNECTION TO SYSTEMS FURNITURE. ROUTE THROUGH POWER POLE AND MAKE ALL FINAL CONNECTIONS TO SYSTEMS FURNITURE. COORDINATE EXACT LOCATION OF ROUGH-IN WITH SYSTEMS FURNITURE PROVIDER.</li> </ul>
	<ul> <li>ROUGHAIN WITH STREAMS FORMTORE PROVIDER.</li> <li>PROVIDE POWER POLE EQUAL TO WIREMOLD LV662345 WITH WLFF PLATE MOUNTED AT 12" AFF FOR ALL VOICE/DATA AND POWER. COORDINATE EXACT COLOR WITH ARCHITECT.COORDINATE EXACT CONNECTION WITH FURNITURE PROVIDER.</li> </ul>
	9 PROVIDE 3-POSITION MOMENTARY CONTACT SWITCH FOR OVERHEAD DOOR, GREY IN COLOR WITH STAINLESS STEEL COVERPLATE.
() "LP1"-8	(10) COOLER/FREEZER EVAPORATOR FED FROM ABOVE. PROVIDE 1" CONDUIT UP TO JUNCTION BOX MOUNTED AT CEILING FOR PATHWAY FOR FREEZER/ COOLER INTERLOCK.
	11 JUNCTION BOX FED FROM ABOVE FOR CONNECTION TO FUTURE COOLER LIGHTS. 12 PROVIDE 0.75" CONDUIT BACK TO PANEL "LP1" FOR FUTURE
	FEEDER SCHEDULE:
	1 (2) #8 & (1) #10 IN 0.75" C
	<b>GENERAL NOTES:</b> 1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY OF INDEPENDENCE, MISSOURI.
	<ol> <li>PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER</li> <li>TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.</li> <li>COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE</li> </ol>
	<ol> <li>COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.</li> <li>CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY HIM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE ACAINST ALL DEFECTS.</li> </ol>
	<ul> <li>ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.</li> <li>5. ALL WIRING SHALL BE INSTALLED IN CONDUIT AND BE CONCEALED. REFER TO CONDUIT APPLICATION SCHEDULE.</li> <li>6. ALL POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR.</li> </ul>
	7. REPAIR OR REPLACE ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING EQUIPMENT OR COMPONENTS DAMAGED WHILE EXECUTING THIS WORK. SUCH REPAIRS OR REPLACEMENTS SHALL MATCH OR EXCEED EXISTING EQUIPMENT OR COMPONENT FINISH AND QUALITY.
	<ol> <li>CONTRACTOR SHALL COORDINATE ALL SCHEDULING, ELEVATIONS, SIZES, QUANTITIES, AND ROUTING OF WORK WITH OWNER AND OTHER TRADES.</li> <li>FOR ANY EMERGENCY FIXTURE OR NIGHT LITE FIXTURE, A</li> </ol>
	9. FOR ANY EMERGENCY FIXTORE OR NIGHT LITE FIXTORE, A CONSTANT HOT CONDUCTOR SHALL BE ROUTED TO FIXTURE WHETHER SHOWN OR NOT. 10. REFER TO ARCHITECTURAL PLANS AND INTERIOR ELEVATIONS
	FOR ALL WALL FIXTURE MOUNTING HEIGHTS AND INTERIOR ELEVATIONS DETAILS.
	ABOVE HEADER OR PER ON DRAWING ELEVATIONS. 12. ALL CONTINUOUS LINEAR RECESSED FIXTURES SHALL BE COORDINATED WITH LAY-IN CEILING CONTRACTOR.
	13. CONTRACTOR SHALL REPAIR OR REPLACE LAY-IN OR GYPBOARD CEILINGS AS NECESSARY TO INSTALL NEW DUCTWORK, PIPING AND ELECTRICAL CONDUITS.
	14. FIELD VERIFY SIZE, LOCATION, ELEVATION AND QUANTITY OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PIPING EQUIPMENT AND COMPONENTS THAT MAY IMPACT IMPLEMENTATION
	OF THIS WORK. 15. CONTRACTOR SHALL COORDINATE ALL SCHEDULING, ELEVATIONS, SIZES, QUANTITIES, AND ROUTING OF WORK WITH
	OWNER AND OTHER TRADES. 16. ELECTRICAL CONTRACTOR SHALL PROVIDE DEVICE AND EQUIPMENT LABELING PER THE SPECIFICATIONS. ALL PANELBOARDS SHALL BE PROVIDED WITH AN UPDATED TYPED CIRCUIT DIRECTORY WITH CIRCUIT NUMBER AND EQUIPMENT SERVED.
	<ol> <li>ALL ELECTRICAL BOXES SHALL BE GALVANIZED STEEL. BACK BOXES MOUNTED ON GALVANIZED STUDS SHALL HAVE BETWEEN-STUD MOUNTING BRACKETS EQUAL TO CADDY RBS16 OR RBS24. PROVIDE 3/4" MUD RINGS WHERE LOCATED IN WALLS WITH 5/8" THICK GYPSUM WALLBOARDS.</li> <li>WHERE A DEVICE IS TO BE MOUNTED ON A BLOCK OR</li> </ol>
	<ul> <li>18. WHERE A DEVICE IS TO BE MOUNTED ON A BLOCK OR CONCRETE WALL, PROVIDE SURFACE MOUNTED BOX AND RACEWAY.</li> <li>19. ALL CONDUIT STUBS SHALL BE TERMINATED WITH BUSHINGS.</li> </ul>





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						ELECTRIC	<b>C KEYNOTE LEGEND</b> <b>AL PLAN NOTES:</b> CEPTACLES ON SECOND FLOOR THAT ARE NOT MOLITION ARE TO BE RE-FEED FROM "LP1". DA, 10 BREAKER, REFER TO PANEL SCHEDULE
							SE AREAS ON SECOND FLOOR. D PROVIDE JUNCTION BOX WITH 1" CONDUIT OCK OF FUTURE COOLER/ FREEZER WITH
		S1(	00 Mezzanine S300				
J							
J							
	12	13	14	15	16	17	SE Please consider the environment before pri



# FEEDER CIRCUIT COPPER AND CONDUIT

		AND CONDULT SIZE
MARK	OVERCURRENT PROTECTION DEVICE RATING (AMPS)	REQUIRED CONDUCTOR & GROUNDING CONDUCTOR SIZE(S)
S-1200-4	1200	4 SETS OF: (4) #500-MCM (al) IN 3" C.
C-1200	1200	4 SETS OF: 3" CONDUIT ONLY
C-800	800	2 SETS OF: 3-1/2" CONDUIT ONLY
C-600	600	2 SETS OF: 3" CONDUIT ONLY
C-400	400	2 SETS OF: 2" CONDUIT ONLY
C-300	300	(1) 3" CONDUIT ONLY
C-225	225	(1) 2-1/2" CONDUIT ONLY
C-200	200	(1) 2" CONDUIT ONLY
C-100	100	(1) 2" CONDUIT ONLY
400-4	400	2 SETS OF: (4) #3/0-AWG (cu), (1) #3-AWG (cu) G. IN 2" C.
400-3	400	2 SETS OF: (3) #3/0-AWG (cu), (1) #3-AWG (cu) G. IN 2" C.
400-4-ON	400	(4) #500-MCM (cu), (1) #3-AWG (cu) G. IN 3-1/2" C.
300-4	300	(4) #350-MCM (cu), (1) #4-AWG (cu) G. IN 3" C.
300-3	300	(3) #350-MCM (cu), (1) #4-AWG (cu) G. IN 3" C.
225-4	225	(4) #4/0-AWG (cu), (1) #4-AWG (cu) G. IN 2-1/2" C.
225-3	225	(3) #4/0-AWG (cu), (1) #4-AWG (cu) G. IN 2-1/2" C.
200-4	200	(4) #3/0-AWG (cu), (1) #6-AWG (cu) G. IN 2" C.
200-3	200	(3) #3/0-AWG (cu), (1) #6-AWG (cu) G. IN 2" C.

### **GROUNDING ELECTRODE** REOURED SI

		REQUIRED SIZE
MARK	CONDUCTOR AMPACITY RATING (AMPS)	REQUIRED GROUNDING ELECTRODE CONDUCTOR
G-1200	1200	#3/0-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-800-F	800	#3/0-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-800	800	#2/0-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-600	600	#2/0-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-400-ON	400	#1/0-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-400	400	#2-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-300	300	#2-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-225	225	#2-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-200	200	#4-AWG (cu) - INSTALL PER NEC. BOND TO ALL GROUNDING ELECTRODES (DRIVEN GROUND ROD, WATER SERVICE, BUILDING STEEL, CONCRETE ENCLOSED REBAR)
G-100	100	#6-AWG (cu) - INSTALL PER NEC. BOND TO NEAREST BUILDING STEEL IN ACCORDANCE WITH NEC 250.30

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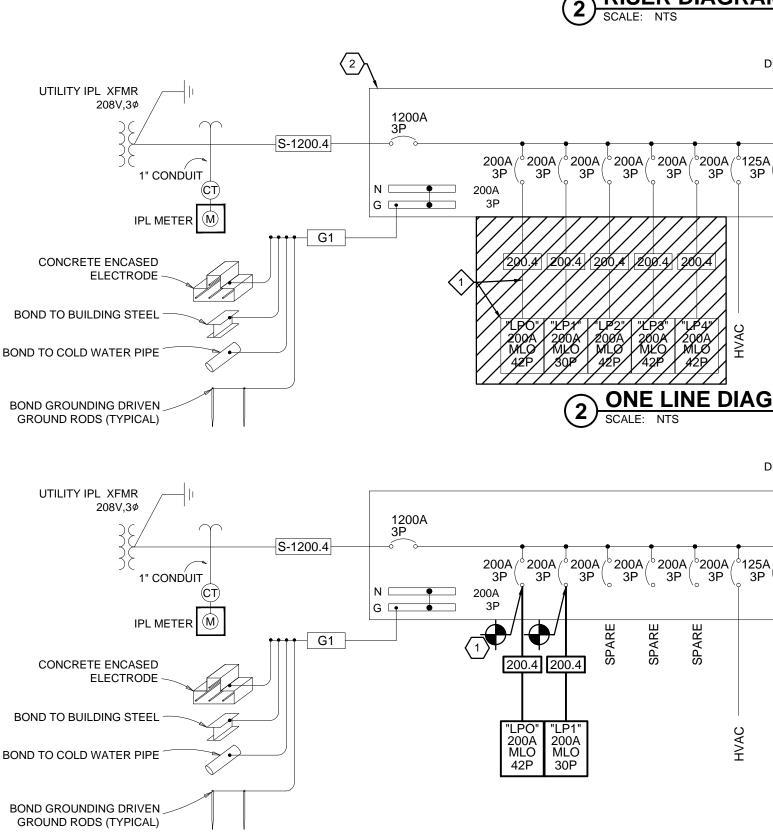
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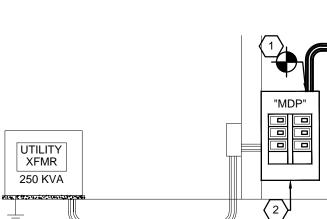
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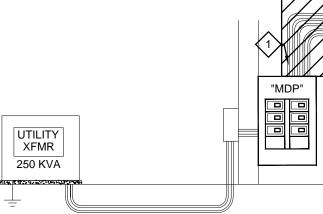
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		SHEET KEYNOTE LEGEND
		ELECTRICAL PLAN NOTES:
		2 EXISTING MDP TO REMAIN AS INSTALLED. ALL EXISTING BREAKERS INSTALLED DURING PHASE ONE TO BE USED FOR WORK IN PHASE 2.
		DEMOLITION PLAN NOTES: COMPLETELY DEMOLISH ALL GEAR CONNECTED TO EXISTING MAIN DISTRIBUTION PANEL "MDP". DEMOLISH ALL CONDUITS, FITTINGS, SUPPORTS, CONDUCTORS BACK TO SOURCE. ALL
		CIRCUIT BREAKERS WITHIN PANEL TO BE PREPARED FOR NEW WORK. WIRE/CONDUIT INSTALLED DURING PHASE 1 MAY BE REUSED FOR INSTALLATION OF PHASE 2.
PER CONDUCTOR	BISER DIAGRAM - DEMOLITION	
IIT SIZE REQUIRED	3 SCALE: NTS	
REQUIRED CONDUCTOR & GROUNDING CONDUCTOR SIZE(S)		
	UTILITY Z50 KVA	
	2 RISER DIAGRAM - NEW WORK SCALE: NTS	
u) G. IN 2" C.	DISTRIBUTION PANEL, "MDP" 1200A, 120/208V, 39 4W	
u) G. IN 2" C. 2" C.	UTILITY IPL XFMR 208V,3Ø } S-1200.4 S-1200.4	
). ).	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
2" C.	IPL METER M G G G G G G G G G G G G G G G G G G G	
	BOND TO BUILDING STEEL	
	BOND TO COLD WATER PIPE	
DE CONDUCTOR SIZE	BOND GROUNDING DRIVEN GROUND RODS (TYPICAL) ONE LINE DIAGRAM - DEMOLITION SCALE: NTS	
REQUIRED GROUNDING ELECTRODE CONDUCTOR	DISTRIBUTION PANEL, "MDP" 1200A, 120/208V, 3¢ 4W 208V,3¢	
D ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR) D ALL GROUNDING ELECTRODES	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
BUILDING STEEL, CONCRETE ENCLOSED REBAR) O ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR) O ALL GROUNDING ELECTRODES		
BUILDING STEEL, CONCRETE ENCLOSED REBAR) O ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR)	CONCRETE ENCASED ELECTRODE	
ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR) ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR)	BOND TO BUILDING STEEL     Image: Constraint of the state	
ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR) ALL GROUNDING ELECTRODES BUILDING STEEL, CONCRETE ENCLOSED REBAR)	BOND GROUNDING DRIVEN GROUND RODS (TYPICAL)	
NEAREST BUILDING STEEL IN ACCORDANCE		
	ONE LINE DIAGRAM - NEW WORK SCALE: NTS	
7 8	9       10       11       12       13       14       15       16	17 ELECTRICAL O
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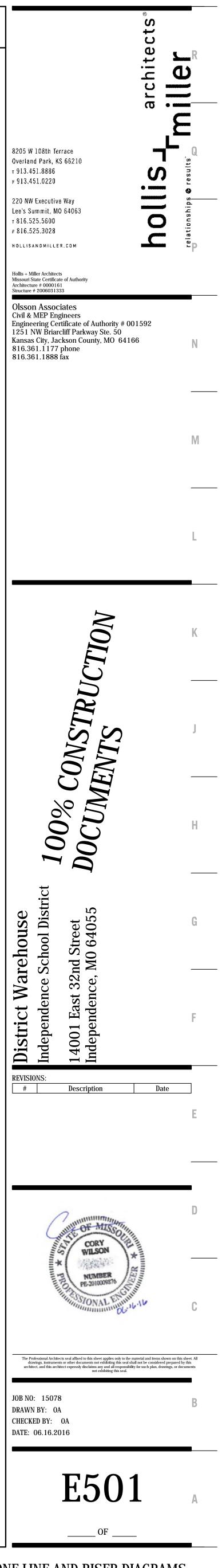
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						ELECTRI 1 NEW PANELS 2 EXISTING MD BREAKERS IN WORK IN PHA DEMOLIT 1 COMPLETELY MAIN DISTRIE FITTINGS, SU CIRCUIT BRE WORK. WIRE	CET KEYNOTE LEGEND CAL PLAN NOTES: PROVIDED DURING PHASE 2 NEW WORK: P TO REMAIN AS INSTALLED. ALL EXISTING ISTALLED DURING PHASE ONE TO BE USED FOR CONDUCTION PANEL "MDP". DEMOLISH ALL CONDUCTS; PORTS, CONDUCTORS BACK TO SOURCE, ALL ACKERS WITHIN PANEL TO BE PREPARED FOR NEW CONDUCTINISTALLED DURING PHASE 1 MAY BE INSTALLATION OF PHASE 2.
	Image: State initial initialinitial initial initial initial initial ini	AM - DEMOLITIC					
•	200A (° 200A (° 200A (° 200A (° 125A 3P (° 3P (° 3P (° 3P (° 3P	ISTRIBUTION PANEL, "MDP" 1200A, 120/208V, 3ø 4W					
	<b>ONE LINE DIAG</b> SCALE:       NTS         D         200A       200A       200A       200A       125A         3P       3P       3P       3P       3P         W       W       W       W       W	ISTRIBUTION PANEL, "MDP" 1200A, 120/208V, 3ø 4W					
0" "LP A 200, D MLC 30F	D D D D D D D D D D D D D D D D D D D	ничо разрования ничо ничо ничо ничо ничо ничо ничо ничо	<u>RK</u>				
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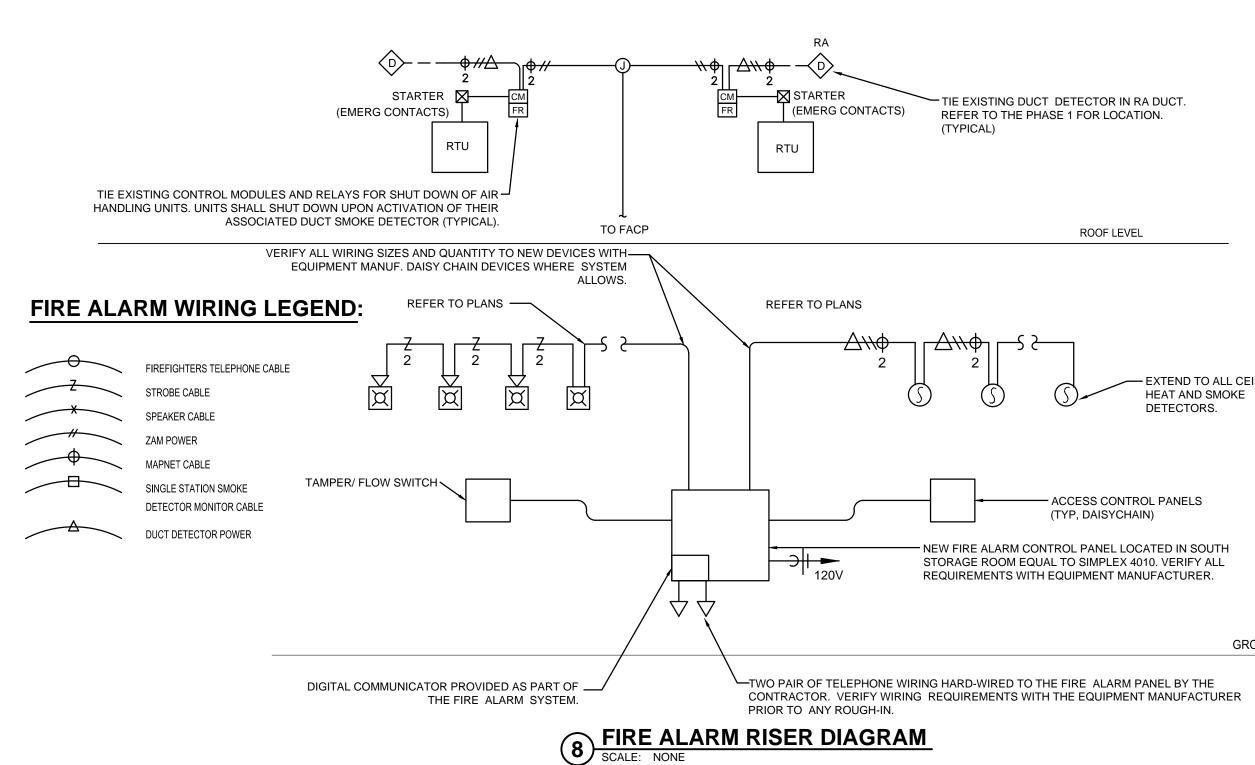


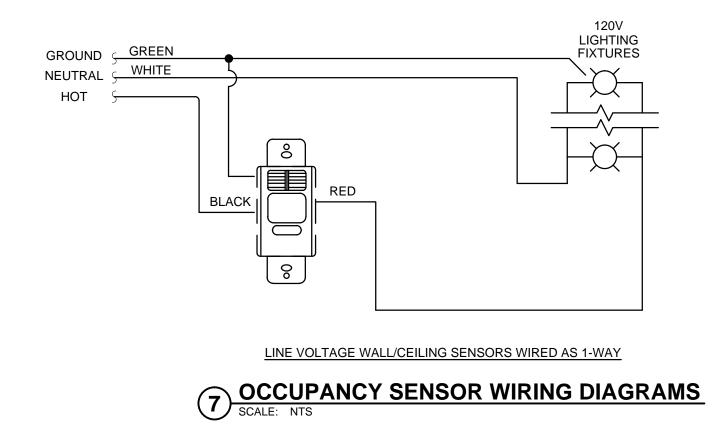


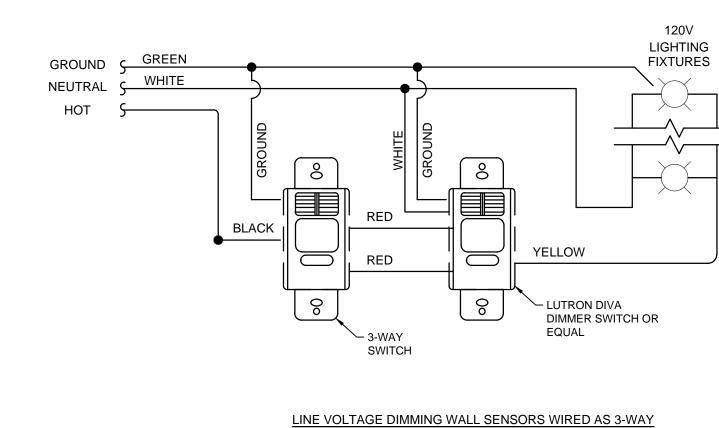
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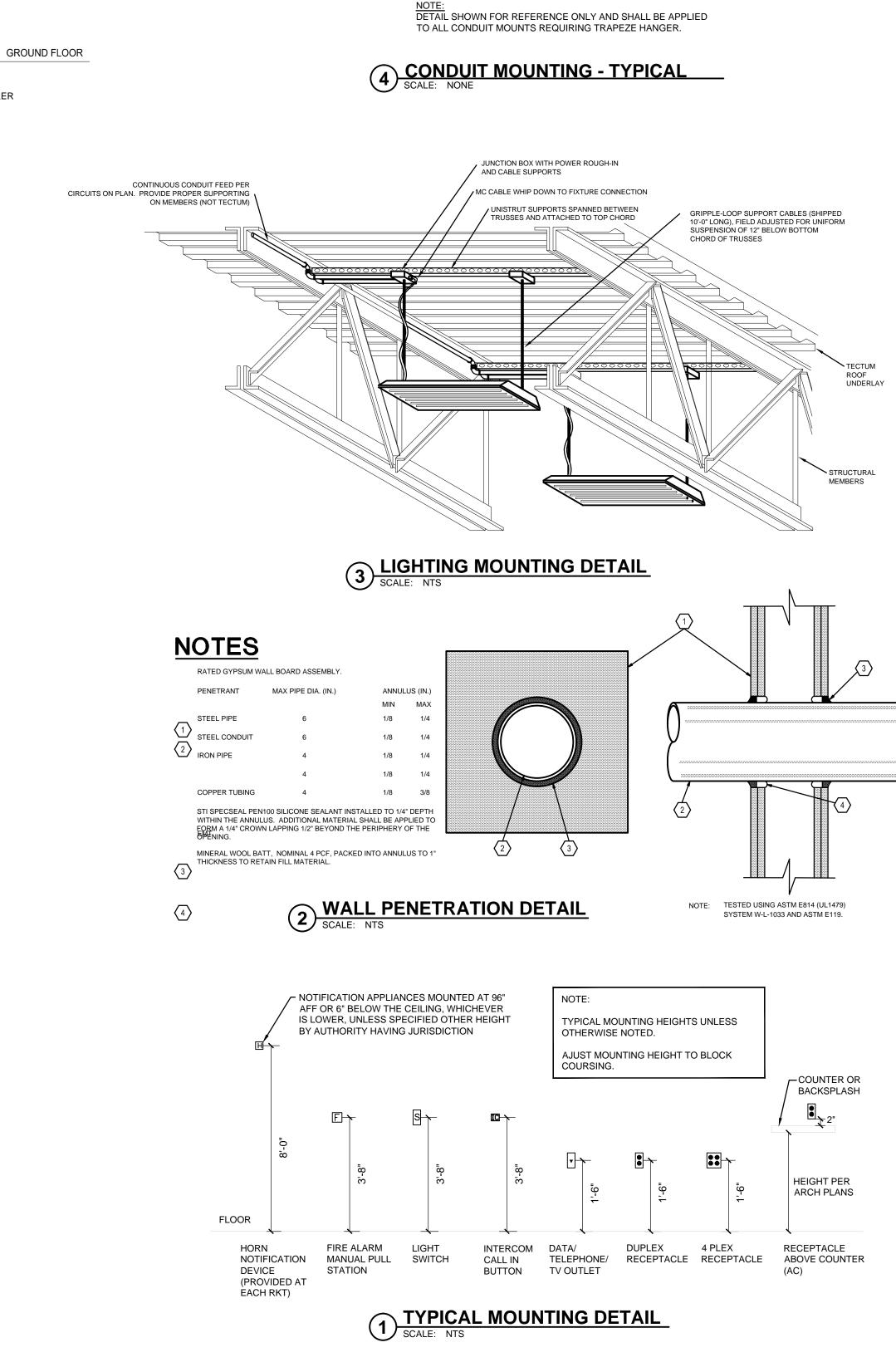




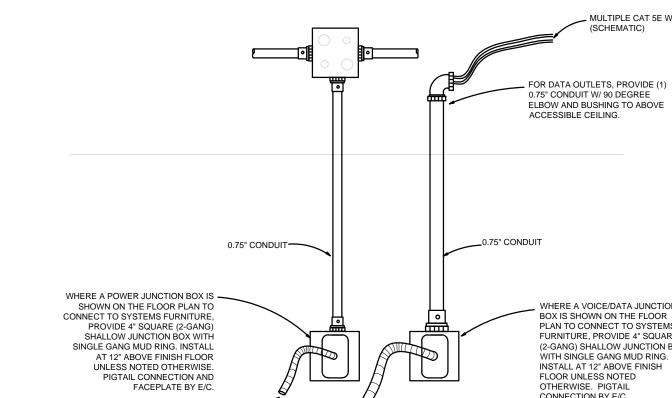
# 6 LIGHTING CONTROLS DIAGRAM SCALE: NTS

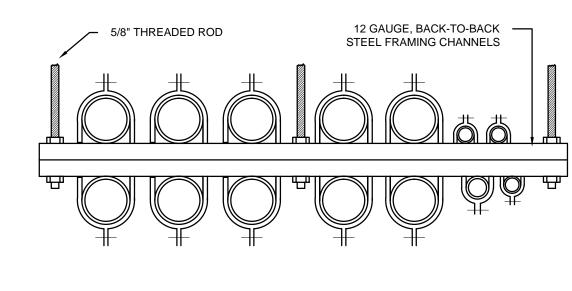
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### - EXTEND TO ALL CEILING HEAT AND SMOKE DETECTORS.



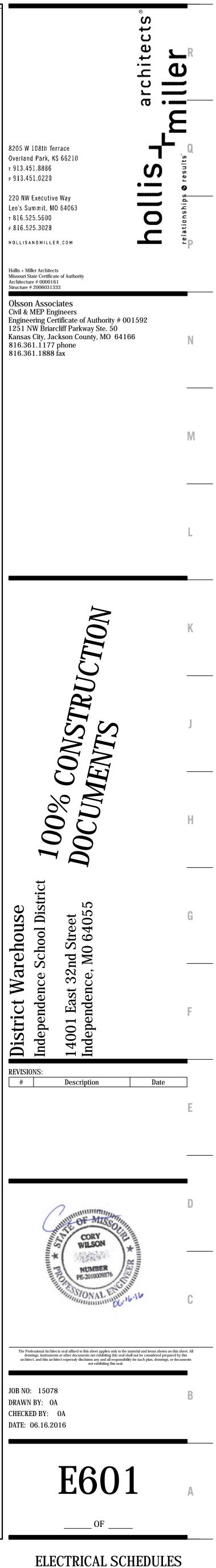


# 5 WALL SYSTEMS FURNITURE ROUGH-IN DETAIL SCALE: NONE

WHERE A VOICE/DATA JUNCTION BOX IS SHOWN ON THE FLOOR PLAN TO CONNECT TO SYSTEMS FURNITURE, PROVIDE 4" SQUARE (2-GANG) SHALLOW JUNCTION BOX VITH SINGLE GANG MUD RING. INSTALL AT 12" ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE. PIGTAIL CONNECTION DY 6/0 CONNECTION BY E/C. TO SYSTEMS FURN.

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EXIST	ING DISTRIBUTION PANEL SCHE	DULE		LIGHT FIXTU	RE SCHEDULE	
PANEL DESIGNATION SERVICE: 120/208V-3PH-4W	PANEL SIZE: MAIN BUS: 1200 AMPS PANEL OPTIONS: COPPER BUS, GND BUS,	MOUNTING: SURFACE MIN. AIC: 65K LOCATION: POLES: N/A		MOUNTING DESCRIPTION, LOCATIONS & NOTES	MANUFACTURER & CAT. No.	LAM QUAN./
REV     NOTE     CIRC     LOAD     CIRC       NO.     NO.     NO.     E	W / 1200 AMP MAIN CKT BREAKER     NEDITAL BOD       DIRC     POLES     LOAD (VA)     PHASE LOADS (VA)     LOAD     POLES     CIRC       RKR     POLES     LOAD (VA)     A     B     C     (VA)     POLES     BRKR		O A	PENDANT -16" ARCHITECTURAL PENDANT LIGHT -INCLUDE BOTTOM DETAIL PLATE -COORDINATE EXACT FINISH WITH ARCHITECT -TRAINING ROOM	D'AC LIGHTING FIXTURE d5035-2f46-120-XX-COIL LAMP.F42TBX/841/A/4P/EOL	42W TT 3400 LU
1 RTU-4	9871         21759         11888           100         3         9871         21759         11888         3         125           9871         21759         11888         3         125	RTU-1 2		-PROVIDE WITH 0-10V DIMMING BALLAST INTEGRAL -SAME AS A BOVE BUT W/ EMERGENCY BATTERY PACK	IOTA	4000K /
3 RTU-2	11888         23776         11888           125         3         11888         23776         11888         3         125	RTU-3 4	<b>B</b> 1	-1 LAMP. 750 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH SUSPENDED -LINEAR 12' SUSPENDED PENDANT	CORELITE	42W TT 1
5 RTU-5	11888         23776         11888           8178         8178         0           90         3         8178         8178	"LPO" (RESTROOM PANEL) 6 1		AT 9'-0" -OPEN OFFICE -COORDINATE EXACT FINISH WITH ARCHITECT	MB-WS-4L40-1C-120-AC48-ST-8-STD-XX	LEI 10010 LI
1 7 "LP1" (UPSTAIRS-PANEL)	8178         8178         0           0         0         0         0           200         3         0         0         0         3         200	"LP2" (COORDOR PANEL) 8 1	82	SUSPENDED -LINEAR 12' SUSPENDED PENDANT AT 9'-0" -OPEN OFFICE	CORELITE: MB-WS-4L40-1C-120-AC48-ST-12-STD-XX	4100K /
				-COORDINATE EXACT FINISH WITH ARCHITECT		LEI 15015 LI 4100K /
	200         3         0         0         0         3         200           0 <td>"LP4" (POOL PANEL) 10 1</td> <td></td> <td>RECESSED -BLT 2x2, 2000 NOMINAL LUMENS, Curved Linear Prismatic lens, GRID 3000K CCT</td> <td>LITHONIA 2BLT2 20L ADP LP835</td> <td>1 LE</td>	"LP4" (POOL PANEL) 10 1		RECESSED -BLT 2x2, 2000 NOMINAL LUMENS, Curved Linear Prismatic lens, GRID 3000K CCT	LITHONIA 2BLT2 20L ADP LP835	1 LE
11 PROVINCE SPACE	20         3         0         0         0         3         20           0         0         0         0         0         0         3         20	PROVINCE SPACE 12				2000 LU 3500K /
		SPARE 14		RECESSED -SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK GRID -14W 120V EMERGENCY BATTER PACK RECESSED -2.3 "DIA RECESSED DOWNLIGHT LUMINAIRE CLEAR DIFFUSE SPUN	LITHONIA 2BLT2 20L ADP LP835	
	PHASE AMPERAGE (A):     559     559     NOTES: 1. ALL EXISTING PAN       PANEL CONNECTED LOAD:     161.1 KVA	ELS TO BE BE COMPLETELY DEMOLISHED.	•	ALUM REFLECTOR -TRAINING ROOM -RESTROOMS	FLS2D-LL3-L30-WFL-LD1-120-RO-T/LS2-RD-DN CD-WH	DN LEI 1195 LU
	RSIFIED CONNECTED LOAD: 170 KVA FUTURE FACTOR: 125% PANEL/FEEDER SIZE(AMPS): 584 AMPS		E	SURFACE -EDGE-LIT, NICAD BATTERY, WHITE FINISH, SINGLE FACE, GREEN		300/
				LETTER EXIT SIGN. -ARROW STICKERS PER PLANS, CLEAR FACE -INTERIOR PATH OF EGRESS -SEE NOTE 3 BELOW	EDG-W-1-GW-EL-SD	3W L
DESIGNATION SERVICE:	PANEL SIZE: PANEL OPTIONS: COPPER BUS, GND BUS,	DULE MOUNTING: SURFACE MIN. AIC: 65K LOCATION: POLES: N/A	E2	RECESSED -EDGE-LIT, NICAD BATTERY, WHITE FINISH, SINGLE FACE, GREEN LETTER EXIT SIGN.	LITHONIA EDGR-W-1-GW-EL-SD	1 3W L
	MAIN BUS: 1200 AMPS W / 1200 AMP MAIN CKT BREAKER CIRC DOLES LOAD (M) PHASE LOADS (VA) LOAD DOLES CIRC	REFER TO PLANS NEMA TYPE: 1	፟ 🙅	-ARROW STICKERS PER PLANS, CLEAR FACE -INTERIOR PATH OF EGRESS -SEE NOTE 3 BELOW		
O. NO. NO. LOAD DESCRIPTION B	RKR         POLES         LOAD (VA)         A         B         C         (VA)         POLES         BRKR           9871         21759         11888	NO. NO. NO.		SUSPENDED -METALUX 2X4 HBLED FIXTURE WITH A CLEAR LENS DOOR -STORAGE AREAS	METALUX: HBLED-LD4-12-W-CL-UNV-L850-ED1-U	1 LE
	100         3         9871         21759         11888         3         125           9871         21759         11888         3         125           11888         23776         11888         3         125	RTU-1 2		INTEGRAL -SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK	METALUX:	11569 LU 3000
3 RTU-2	125     3     11888     23776     11888     3     125       11888     23776     11888     3     125       8178     14998     6820     6820	RTU-3 4		-14W 120V EMERGENCY BATTER PACK SUSPENDED -4'SUSPENDED LUMINAIRE WHITE REFLECTOR	HBLED-LD4-12-W-CL-120-EL14-L850-ED1-U	
U-5	90 3 <u>8178</u> <u>13098</u> <u>4920</u> 3 200 8178 <u>13098</u> 4920	"LP1" 6		-STORAGE AREAS -TRANSITION AREAS	80-4-L63-840-WG-8014-VBY-2-DRV-120	LEI 6300 LU
7 "LPO"	1926         1926         0           200         3         2076         2076         0         3         200           2610         2610         0         2610         0         3         200	SPARE 8	GE	INTEGRAL -SAME AS A BOVE BUT W/ EMERGENCY BATTERY PACK -1000 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH	HE WILLIAMS 80-4-L63-840-EW10W-WG-8014-VBY-2-DRV-	40
9 SPARE	200 3 0 0 0 3 200 0 0 0 0 3 200	SPARE 10		RECESSED -4'SUSPENDED LUMINAIRE WHITE REFLECTOR -STORAGE AREAS	120 HE WILLIAMS 80-4-L63-840-WG-8014-VBY-2-DRV-120	
11 PROVINCE SPACE	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PROVINCE SPACE 12		-TRANSITION AREAS		6300 40
13 PROVINCE SPACE	0         0         0         0           20         3         0         0         0         3         20	SPARE 14	HE	INTEGRAL -SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK -1000 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH	HE WILLIAMS 80-4-L63-840-EW10W-WG-8014-VBY-2-DRV- 120	-
	0         0         0         0           NNECTED PER PHASE (VA):         62400         60700         61200         Diversity Factor           PHASE AMPERAGE (A):         650         632         638         NOTES: 1. BOLD DENOTES NO	or calculated based on NEC, section 220.		WALL -WALL PACK MOUNTED	COOPER XTORA1A	
	PANEL CONNECTED LOAD: 184.3 KVA RSIFIED CONNECTED LOAD: 194.9 KVA					722 L 40
MINIMUM F	FUTURE FACTOR: 125% PANEL/FEEDER SIZE(AMPS): 669 AMPS		L J	RECESSED -CANOPY LIGHTING -ROUTE CANOPY LIGHTING THRU PHOTOCELL PER PLANS	COOPER LIGHTING LRC-B-16-950-LED-E1-WST	LE 3751 L
	PANEL SCHEDULE					3751 L 40
SIGNATION:         SERVICE:           120/208V-3PH-4W         120/208V-3PH-4W           FED FROM:         MDP	PANEL SIZE: MAIN BUS: 200 AMPS MLO PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS	MOUNTING: SURFACE MIN. AIC: 10K LOCATION: POLES: 42 REFER TO PLANS NEMA TYPE: 1	NOTES: 1) APPROVED EQUALS SHALL B	E COOPER, GENERAL ELECTRIC, LITHONIA, OR HE WILLIAMS.		<b>I</b>
	CIRC RKR POLES LOAD (VA) PHASE LOADS (VA) LOAD POLES CIRC BRKR	LOAD DESCRIPTION CIRC NOTE REV				
	20         1         420         1680         1260         1         20           20         1         720         1080         360         1         20           20         1         720         1080         360         1         20           20         1         720         1620         900         1         20	LTG - RM 206,212,213         2           LTG - S300,303,311         4           REC - RM 311         6				
7         LTG - SE STORAGE           9         LTG - SE STORAGE	20         1         1200         2200         1000         1         20           20         1         1200         2200         1000         1         20	REC - WESTWALL PLUGS     8       REC - WESTWALL PLUGS     10				
11         LTG - SE STORAGE           13         LTG - SE STORAGE           15         SPARE	20         1         1200         1200         0         1         20           20         1         1200         1200         0         1         20           20         1         0         0         0         1         20           20         1         0         0         0         1         20	LTG - COOLER (FUTURE)         12           PWR - COOLER (FUTURE)         14           LTG - FREEZER (FUTURE)         16				
17         SPARE           19         SPARE	20         1         0         0         1         20           20         1         0         0         0         3         40	PWR - FREEZER (FUTURE)     18       PWR - CU COOLER (FUTURE)     20				
3 SPARE 5 SPARE	20         1         0         0             20         1         0         0         0             20         1         0         0         0         3         40	"         22           "         24           PWR - CU FREEZER (FUTURE)         26				
7 SPARE 9 SPARE	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	" 28 " 30 SPARE 32		r		
	20         1         0         0         1         20           20         1         0         0         0         1         20	SPARE     34       SPARE     36			PHOTOCELL S	CHEI
	20         1         0         0         1         20           20         1         0         0         0         1         20           20         1         0         0         0         1         20           20         1         0         0         0         1         20	SPARE     38       SPARE     40       SPARE     42			LOAD RVED WATTS VOLTS MANUFACTURER	
37         SPARE           39         SPARE           41         SPARE		or calculated based on NEC, section 220.		ABBREVIATIONS:	ITING - 120 V INTERMATIC	<u>N4321C T</u>
39 SPARE 41 SPARE TOTAL CO	PHASE AMPERAGE (A): 53 34 29 NOTES:			SPST-SINGLE POLE SINGLE WPB-MOUNT ON WEATHE		
39 SPARE 41 SPARE TOTAL CO DIVE	PHASE AMPERAGE (A):     53     34     29     NOTES:       PANEL CONNECTED LOAD:     11.2 KVA       RSIFIED CONNECTED LOAD:     14 KVA       FUTURE FACTOR:     125%					
39 SPARE 41 SPARE TOTAL CO DIVE	PHASE AMPERAGE (A):       53       34       29       NOTES:         PANEL CONNECTED LOAD:       11.2 KVA         RSIFIED CONNECTED LOAD:       14 KVA         FUTURE FACTOR:       125%         PANEL/FEEDER SIZE (AMPS):       47 AMPS					
39 SPARE 41 SPARE TOTAL CO DIVE MINIMUM F .L DESIGNATION: SERVICE:	PHASE AMPERAGE (A):     53     34     29     NOTES:       PANEL CONNECTED LOAD:     11.2 KVA       RSIFIED CONNECTED LOAD:     14 KVA       FUTURE FACTOR:     125%	MOUNTING: SURFACE MIN. AIC: 10K		OCCUPA	ANCY SENSOR SCH	יבטטו
39     SPARE       41     SPARE       TOTAL CO       DIVE       MINIMUM F       DESIGNATION: SERVICE:       120/208V-3PH-4W       FED FROM: MDP       INDEF CORC	PHASE AMPERAGE (A):       53       34       29       NOTES:         PANEL CONNECTED LOAD:       11.2 KVA       11.2 KVA         RSIFIED CONNECTED LOAD:       14 KVA       125%         PANEL/FEEDER SIZE(AMPS):       47 AMPS         PANEL/FEEDER SIZE(AMPS):         PANEL SIZE:         PANEL SIZE:       PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS         MAIN BUS:       225 AMPS MLO       NEUTRAL BUS	LOCATION: POLES: 42 RM 113 (IT) NEMA TYPE: 1			ANCY SENSOR SCH MODEL TYPE VOLTAGE MAX WA 120	ATTAGE
39         SPARE           41         SPARE           TOTAL CO           DIVE           MINIMUM F           SESIGNATION:           SERVICE:           120/208V-3PH-4W           FED FROM:           NOTE           NO.           1           LTG - OPEN OFFICE	PHASE AMPERAGE (A):       53       34       29       NOTES:         PANEL CONNECTED LOAD:       11.2 KVA       11.2 KVA         RSIFIED CONNECTED LOAD:       14 KVA       125%         PANEL/FEEDER SIZE(AMPS):       47 AMPS         PANEL/FEEDER SIZE(AMPS):         PANEL SIZE:         PANEL SIZE:       PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS         DIRC       POLES       LOAD (VA)         RKR       POLES       LOAD (VA)         20       1       1056       2056	LOCATION:     POLES: 42       RM 113 (IT)     NEMA TYPE: 1       LOAD DESCRIPTION     CIRC     NOTE       REV     NO.     NO.       PWR - CUBICLE     2		MOUNTING SYMBOL MANUFACTURER M	MAX WA	ATTAGE
39     SPARE       41     SPARE       TOTAL CO       DIVE       MINIMUM F       ESIGNATION: SERVICE:       120/208V-3PH-4W       FED FROM: MDP       NOTE     CIRC     LOAD DESCRIPTION     CIRC       NO.     NO.     B	PHASE AMPERAGE (A):       53       34       29       NOTES:         PANEL CONNECTED LOAD:       11.2 KVA       11.2 KVA         RSIFIED CONNECTED LOAD:       14 KVA       125%         PANEL/FEEDER SIZE(AMPS):       47 AMPS         PANEL/FEEDER SIZE(AMPS):         PANEL SIZE:         PANEL SIZE:       PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS         MAIN BUS:       225 AMPS MLO       PHASE LOADS (VA)       LOAD (VA)         CIRC       POLES       LOAD (VA)       PHASE LOADS (VA)       LOAD (VA)         RKR       POLES       LOAD (VA)       PHASE LOADS (VA)       LOAD (VA)         20       1       1056       2056       1000       1       20         20       1       1660       2660       1000       1       20         20       1       870       1870       1000       1       20	LOCATION:     POLES: 42       RM 113 (IT)     NEMA TYPE: 1       LOAD DESCRIPTION     CIRC NOTE REV NO. NO. NO.		MOUNTING SYMBOL MANUFACTURER M	MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920	ATTAGE 0 277 4432
39     SPARE       41     SPARE       TOTAL CO       DIVE       MINIMUM F       DIVE       MINIMUM F       DESIGNATION:       SERVICE:       'LPO'       I 20/208V-3PH-4W       FED FROM:     MDP       NOTE     CIRC       NO.     LOAD DESCRIPTION       0     1       LTG - OPEN OFFICE     3       SPARE     5       LTG - RM 117	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         11.2 KVA         11.2 KVA         11.2 KVA         11.2 KVA           RSIFIED CONNECTED LOAD:         14 KVA         125%         14.4 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         47 AMPS         125%         14.6 KVA           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS         NEUTRAL BUS           MAIN BUS:         225 AMPS MLO         PHASE LOADS (VA)         LOAD         POLES         BRKR           20         1         1056         2056         1000         1         20           20         1         1056         2056         1000         1         20           20         1         1660         2660         1000         1         20           20         1         1870         1870         2080         1000         1         20	LOCATION:       POLES: 42         RM 113 (IT)       NEMA TYPE: 1         LOAD DESCRIPTION       CIRC       NOTE         PWR - CUBICLE       2       NO.         PWR - CUBICLE       4       PWR - CUBICLE         PWR - CUBICLE       6       Image: Cubic Cu		MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF	MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 TE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W	ATTAGE 0 277 4432
39         SPARE           41         SPARE           TOTAL CO           DIVE           DIVE           MINIMUM F           L DESIGNATION:           SERVICE:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           SERVICE:           ILDESIGNATION:           ILDESIGNATION:           ILDO'           ILDO'           ILDO'           ILDAD DESCRIPTION           ILDAD DESCRIPTION           ILTG - OPEN OFFICE           ILTG - RM 117           ILTG - SW STORAGE           ILTG - SW STORAGE           ILTG - SW STORAGE           ILTG - SW STORAG	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         11.2 KVA         11.2 KVA         11.2 KVA           RSIFIED CONNECTED LOAD:         14 KVA         125%         147 AMPS           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           MAIN BUS:         225 AMPS MLO         PHASE LOADS (VA)         LOAD         POLES         CIRC BRKR           20         1         1056         2056         1000         1         20           20         1         1660         2660         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1 <td>LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEREVNO.NO.NO.NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE1618</td> <td></td> <td>MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP</td> <td>MODEL TYPE VOLTAGE MAX WA P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC</td> <td>A TTAGE 0 277 4432 WHITE IN FINISI CCKS WHEN MOR</td>	LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEREVNO.NO.NO.NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE1618		MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP	MODEL TYPE VOLTAGE MAX WA P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC	A TTAGE 0 277 4432 WHITE IN FINISI CCKS WHEN MOR
39         SPARE           41         SPARE           TOTAL CO           DIVE           DIVE           MINIMUM F           L DESIGNATION:         SERVICE:           'LPO'         120/208V-3PH-4W           'LPO'         120/208V-3PH-4W           FED FROM:         MDP           /' NOTE         CIRC         LOAD DESCRIPTION         CIRC           NO.         NO.         LITG - OPEN OFFICE         CIRC         B           1         LTG - OPEN OFFICE         SPARE         CIRC         B           1         LTG - OPEN OFFICE         SPARE         CIRC         B           1         LTG - OPEN OFFICE         SPARE         CIRC         B           1         LTG - RM 118, 119, 120, 122         D         CIRC - RM 117         CIRC - RM 117           9         LTG - SW STORAGE         D         CIRC - RM 117         CIRC - RM 117         CIRC - RM 117           15         REC - RM 117         CIRC - RM 117	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         11.2 KVA         11.2 KVA         NOTES:           RSIFIED CONNECTED LOAD:         14 KVA         125%         PANEL/FEEDER SIZE(AMPS):         47 AMPS           PANEL SIZE (AMPS):         47 AMPS           PANEL SIZE (AMPS):         47 AMPS           PANEL SIZE (AMPS):         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           MAIN BUS: 225 AMPS MLO         PHASE LOADS (VA)         LOAD (VA)         POLES         CIRC BRKR           20         1         1056         2056         1000         1         20           20         1         1056         2056         1000         1         20           20         1         1660         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000	LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEPWR - CUBICLE2PWR - CUBICLE4PWR - CUBICLE6PWR - CUBICLE8PWR - CUBICLE10PWR - CUBICLE12PWR - CUBICLE14PWR - CUBICLE16PWR - CUBICLE18PWR - CUBICLE18PWR - CUBICLE20PWR - CUBICLE20PWR - CUBICLE22PWR - CUBICLE18PWR - CUBICLE20PWR - CUBICLE22PWR - CUBICLE24		MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP CONDU APPLICATION SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY	MODEL TYPE VOLTAGE MAX WA P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC ITT APPLICATION SO	A TTAGE 0 2777 4432 WHITE IN FINISH
39         SPARE           41         SPARE           TOTAL CO           DIVE           DIVE           MINIMUM F           EL DESIGNATION:         SERVICE:           'LPO'         SERVICE:           'LOAD DESCRIPTION         Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan= 2"Colspan="2">Colspan= 2"Colspan="2"Colspa="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Co	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         11.2 KVA         11.2 KVA         14 KVA           RSIFIED CONNECTED LOAD:         14 KVA         125%         14 KVA           PANEL/FEEDER SIZE(AMPS):         47 AMPS         47 AMPS           PANEL SIZE:           PANEL SIZE:           PANEL SIZE:           PANEL SIZE:           MAIN BUS: 225 AMPS MLO           PHASE LOADS (VA)         LOAD         POLES         CIRC           RKR         POLES         LOAD (VA)         PHASE LOADS (VA)         LOAD         POLES         CIRC           20         1         1056         2056         1000         1         20           20         1         1060         2060         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         1720         1000         1         20           20         1         700 <td< td=""><td>LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEPWR - CUBICLE2PWR - CUBICLE2PWR - CUBICLE4PWR - CUBICLE6PWR - CUBICLE8PWR - CUBICLE10PWR - CUBICLE12PWR - CUBICLE14PWR - CUBICLE16PWR - CUBICLE18PWR - CUBICLE20PWR - CUBICLE20PWR - CUBICLE22</td><td></td><td>MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP CONDU</td><td>MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC</td><td>A TTAGE 0 2777 4432 4432 WHITE IN FINISH ACKS WHEN MORE CHEEL EMT EMT EMT EMT</td></td<>	LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEPWR - CUBICLE2PWR - CUBICLE2PWR - CUBICLE4PWR - CUBICLE6PWR - CUBICLE8PWR - CUBICLE10PWR - CUBICLE12PWR - CUBICLE14PWR - CUBICLE16PWR - CUBICLE18PWR - CUBICLE20PWR - CUBICLE20PWR - CUBICLE22		MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP CONDU	MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC	A TTAGE 0 2777 4432 4432 WHITE IN FINISH ACKS WHEN MORE CHEEL EMT EMT EMT EMT
39         SPARE           41         SPARE           TOTAL CC           DIVE           MINIMUM F           MINIMUM F           MINIMUM F           LEL DESIGNATION:         SERVICE:           'LPO'         SERVICE:           'LPO'         SERVICE:           'LPO'         SERVICE:           'LPO'         SERVICE:           'LPO'         LIQ/208V-3PH-4W           FED FROM:         MDP           EV         NOTE         CIRC           0.         NO.         LOAD DESCRIPTION         C           0.         NO.         NO.         B           1         LTG - OPEN OFFICE         G           3         SPARE         G           5         LTG - RM 118, 119, 120, 122         G           9         LTG - SW STORAGE         G           11         LTG - SW STORAGE         G           13         REC - RM 117         G           19         REC - RM 117         G           19         REC - RM 117         G           23	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR:         11.2 KVA         11.2 KVA         11.2 KVA           RSIFIED CONNECTED LOAD: FUTURE FACTOR:         125%         47 AMPS         47 AMPS           PANEL SIZE: AMPS):         47 AMPS           PANEL SIZE: PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           CIRC RKR         POLES         CIRC BRKR           20         1         1056         2056         1000         1         20           20         1         1660         2660         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         900         1900         1000         1         20           20         1         700         1720         1000         1         20           20         1         900         1900         1000         1         20           20         1         700	LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRC NOTE REV NO. NO.PWR - CUBICLE2PWR - CUBICLE4PWR - CUBICLE6PWR - CUBICLE8PWR - CUBICLE10PWR - CUBICLE12PWR - CUBICLE14PWR - CUBICLE16PWR - CUBICLE18PWR - CUBICLE20PWR - CUBICLE20REC - RM 12222REC - RM 12226REC - RM 12228REC - RM 12230ELEVATOR EQUIPMENT32If EQUIPMENT34		MOUNTING SYMBOL MANUFACTURER M CEILING OS HUBBEL WSF 1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT 2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP CONDU APPLICATION SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY FEEDERS ABOVE GRADE ALL BRANCH CIRCUITS FOR LIGHTING AND POWER	MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC	A TTAGE 0 277 4432 WHITE IN FINISH KCKS WHEN MOR CHEC MATERIAL RIGID STEEL EMT EMT EMT EMT EMT EMT EMT EMT
39         SPARE           41         SPARE           TOTAL CC           DIVE           MINIMUM F           MINIMUM F           ANEL DESIGNATION:         SERVICE:           120/208V-3PH-4W           FED FROM: MDP           CIRC           NOTE         CIRC         LOAD DESCRIPTION         CIRC           NO.         NO.         1         LTG - OPEN OFFICE         CIRC           3         SPARE         5         LTG - RM 118, 119, 120, 122         0           1         LTG - OPEN OFFICE         3         SPARE         5           1         LTG - OPEN OFFICE         3         SPARE         5           1         LTG - OPEN OFFICE         3         SPARE         5           1         LTG - RM 118, 119, 120, 122         0         1         1         1           1         LTG - SW STORAGE         1	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         112 KVA         112 KVA         125%         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         125%         47 AMPS           PANEL/FEEDER SIZE(AMPS):         47 AMPS           PANEL SIZE:         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           MAIN BUS: 225 AMPS MLO         CIRC           MAIN BUS: 225 AMPS MLO         LOAD (VA)         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           20         1         1056         2056         1000         1         20           20         1         1056         2056         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         900         1000         1         20         20         1         20         2080         10000         200	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE2		MOUNTING       SYMBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLA         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY / EXHAUST FANS AND MOTORS         LIGHT FIXTURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BELOW	MODEL TYPE VOLTAGE MAX WA P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC ITT APPLICATION SC M RI RI S LOW PAVED AREA SC	ATTAGE 0 2777 4432 WHITE IN FINISH. ACKS WHEN MORE CLECK CCKS MATERIAL RIGID STEEL EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC
39         SPARE           41         SPARE           TOTAL CC           DIVE           MINIMUM F           EL DESIGNATION:         SERVICE:           ILO20208V-3PH-4W           FED FROM: MDP           V           NOTE CIRC         LOAD DESCRIPTION         C           OPEN OFFICE         SPARE           SPARE         C           ILO3 DESCRIPTION         C           OPEN OFFICE           3         SPARE	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         112 KVA         14 KVA         14 KVA           RSIFIED CONNECTED LOAD:         125%         47 AMPS           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           MAIN BUS:         225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           SIRC         POLES         LOAD (VA)         PHASE LOADS (VA)         LOAD         POLES         CIRC           20         1         1056         2056         1000         1         20           20         1         1660         2660         1000         1         20           20         1         1870         1870         2080         1000         1         20           20         1         1080         2080         1000         1         20         20         1         20         20         1         20         20         1         20         20         1         20         20         20         1         20         20         20         20         20         20         20         20         20         20         20	LOCATION:POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTEREVNO.NO.NO.NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE201PWR - CUBICLE301PWR - CUBICLE301PWR - CUBICLE301PWR - CUBICLE301PWR - CUBICLE361PWR - CUBICLE381		MOUNTING       SYMBOL       MANUFACTURER       M         CELING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         CONDUCTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CICUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIXTURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         UNDERGOUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP INTENDING UP INTENDING	MODEL TYPE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC N N N N N N N N N N N N N	A TTAGE 0 2777 4432 WHITE IN FINISH. KCKS WHEN MORE CHED MATERAL RIGID STEEL EMT EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC N/CABLE TRAY EMT
39         SPARE           41         SPARE           TOTAL CC           DIVE           DIVE           MINIMUM F           NEL DESIGNATION:         SERVICE:           'LPO'         120/208V-3PH-4W           FED FROM: MDP           'LPO'         LOAD DESCRIPTION           EV         NO.         LOAD DESCRIPTION         C           I         LTG - OPEN OFFICE         S           3         SPARE           5         LTG - RM 118, 119, 120, 122         OPEN OFFICE           3         SPARE           5         LTG - RM 118, 119, 120, 122         OPEN OFFICE           3         SPARE           5         LTG - RM 118, 119, 120, 122         OPEN OFFICE           11         LTG - SW STORAGE         OPEN OFFICE/RM 120           13         REC - RM 115           15         REC - RM 117           19         REC - RM 117           21         REC - RM 117           225         REC - RM 112	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD:         112 KVA         112 KVA         112 KVA           RSIFIED CONNECTED LOAD:         14 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         47 AMPS           PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           MAIN BUS: 225 AMPS MLO         PANEL ODADS (VA)         LOAD         COPER BUS, GND BUS, NEUTRAL BUS           SIRC         POLES         CIRC           RKR         POLES         LOAD (VA)         PHASE LOADS (VA)         LOAD         POLES         BRKR           20         1         1056         2056         1000         1         20           20         1         870         1870         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         700         1720         1000         1         20           20         1         700         1700         1000         1	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLA         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRAINCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0' IN LENGTH         SERVICE ENTRAINCE CONDUIT BELOW GRADE WHERE NOT BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELLINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRING         NOTES:	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	A TTAGE 0 2777 4432 WHITE IN FINISH ACKS WHEN MORE CHEC MATERIAL RIGID STEEL EMT EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC
39         SPARE           41         SPARE           TOTAL CC           DIVE           DIVE           MINIMUM F           PANEL DESIGNATION:         SERVICE:           'LPO'         120/208V-3PH-4W           FED FROM:         MDP           REV         NOTE         CIRC         LOAD DESCRIPTION         B           1         LTG - OPEN OFFICE         3         SPARE         CIAC - RM 117         B           1         LTG - OPEN OFFICE         3         SPARE         CIAC - RM 117         B           1         LTG - OPEN OFFICE         3         SPARE         CIAC - RM 117         CIAC - RM 117           7         LTG - RM 118, 119, 120, 122         9         LTG - SW STORAGE         CIAC - RM 117         CIAC - RM 115         CIAC - RM 115         CIAC - RM 117         CIAC - RM 122         CIAC - RM 122	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR: PANEL/FEEDER SIZE(AMPS):         112 KVA         112 KVA         112 EVA           PANEL SATE         125%         47 AMPS         PANEL         COPPER BUS, GND BUS, NEUTRAL BUS           PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS         CIRC         BRKR           20         1         1056         2056         1000         1         20           20         1         1056         2056         1000         1         20           20         1         1660         2060         1000         1         20           20         1         1680         2080         1000         1         20           20         1         1080         2080         1000         1         20           20         1         720         1720         1000         1         20           20         1         700         1700         1000         1         20           20         1         700         1700         1000         1         20           20         1         700         10	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	A TTAGE 0 277 4432 WHITE IN FINE KCKS WHEN MC CHEC MATERAL RIGID STEEL EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC
39         SPARE           41         SPARE           TOTAL CC           DIVE           DIVE           MINIMUM F           EL DESIGNATION:         SERVICE:           'LPO'         SERVICE:           'LPO'         SERVICE:           'LPO'         LOAD DESCRIPTION         CO           NO.         NO.           V         NOTE         CIRC         LOAD DESCRIPTION         CO           V         NO.         NO.           1         LTG - RM 118,119,120,122           3         SPARE           3         SPARE           3         SPARE           3         SPARE           3         SPARE           11         LTG - RM 117           7         LTG - RM 117           13         REC - RM 117           14         REC - RM 117           15         REC - RM 117           16         REC - RM 117	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR PANEL/FEEDER SIZE(AMPS):         11.2 KVA         11.2 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL         PANEL         SCHEDULE           PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           DANEL OD (VA)         PANEL OD (VA)         PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL COADS (VA)         LOAD         POLES         CIRC           20         1         056         2056         1000         1         20           20         1         870         1870         1000         1         20           20         1         1680         2080         1000         1         20           20         1         900         1900         1000         1         20           20         1         700         1500         1000         1         20           20         1         700         1500         1000         1         20           20         1         700         1500         1000         1         20           20         1 <td>LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401</td> <td></td> <td>MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO</td> <td>MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE</td> <td>A TTAGE 0 277 4432 WHITE IN FINE KCKS WHEN MC CHEC MATERIAL RIGID STEEL EMT EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC</td>	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. 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39         SPARE           41         SPARE           TOTAL CC           DIVE           DIVE           MINIMUM F           EL DESIGNATION: SERVICE:           VIDION           VIDION           VIDION           VIDION           VIDION           CIRC           LOAD DESCRIPTION         CO           0         1         LTG - OPEN OFFICE           3         SPARE         CIG - RM 117           5         LTG - RM 118,119,120,122           9         LTG - SW STORAGE           11         LTG - SW STORAGE           13         REC - RM 117           14         LTG - SW STORAGE           15         REC - OPEN OFFICE/RM 120           17         REC - RM 117           19         REC - RM 117           21         REC - RM 117           225         REC - RM 118, 119           225         REC - RM 1122           231         WA TER HEA TER           333         "WH 1"           35         FACP           37         OVE	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR PANEL/FEEDER SIZE(AMPS):         11.2 KVA         11.2 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL         PANEL         SCHEDULE           PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           DANEL OD (VA)         PANEL OD (VA)         PANEL BUS           20         1         056         2056         1000         1         20           20         1         056         2056         1000         1         20         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         20         1         20         20         1         20         20         20         1         20         20         1         20         20         1         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	A TTAGE 0 27 4432 WHITE IN FINI ACKS WHEN MA CCHEE MATERIAL EMT EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC
9         SPARE           11         SPARE           TOTAL CO           DIVE           MINIMUM F           MINIMUM F           120/208V-3PH-4W           FED FROM: MDP           RC           LOAD DESCRIPTION           1           LTG - OPEN OFFICE           3           SPARE           5           LTG - RM 118, 119, 120, 122           9           LTG - SW STORAGE           1           LTG - SW STORAGE           1           LTG - SW STORAGE           3           REC - RM 118, 119, 120, 122           9           LTG - SW STORAGE           1           LTG - SW STORAGE           3           REC - RM 117           9           REC - RM 117           9           REC - RM 117           1           REC - RM 1120           7           REC - RM 122	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR PANEL/FEEDER SIZE(AMPS):         11.2 KVA         11.2 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL         PANEL         SCHEDULE           PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           DANEL OD (VA)         PANEL OD (VA)         PANEL BUS           20         1         056         2056         1000         1         20           20         1         056         2056         1000         1         20         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         20         1         20         20         1         20         20         20         1         20         20         1         20         20         1         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	A TTAGE 0 277 4432 WHITE IN FINIS ACKS WHEN MOD CHEC MATERIAL RIGID STEEL EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC
SPARE SPARE TOTAL CC TOTAL CC DIVE MINIMUM F SERVICE: 120/208V-3PH-4W FED FROM: MDP LOAD DESCRIPTION LOAD DESCRIPTION B LTG - OPEN OFFICE SPARE LTG - RM 117 LTG - RM 118, 119, 120, 122 LTG - SW STORAGE LTG - SW STORAGE LTG - SW STORAGE REC - RM 115 REC - OPEN OFFICE/RM 120 REC - RM 117 REC - RM 117 CC REC - RM 117 REC - RM 117 CC REC - RM 112 CC REC - RM 112 CC COVERHEAD DOOR SPARE DIVE	PHASE AMPERAGE (A):         53         34         29         NOTES:           PANEL CONNECTED LOAD: FUTURE FACTOR PANEL/FEEDER SIZE(AMPS):         11.2 KVA         11.2 KVA         125%           PANEL/FEEDER SIZE(AMPS):         47 AMPS         PANEL         PANEL         SCHEDULE           PANEL SIZE: MAIN BUS: 225 AMPS MLO         PANEL OPTIONS: COPPER BUS, GND BUS, NEUTRAL BUS           DANEL OD (VA)         PANEL OD (VA)         PANEL BUS           20         1         056         2056         1000         1         20           20         1         056         2056         1000         1         20         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         1         20         20         1         20         20         1         20         20         20         1         20         20         1         20         20         1         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401		MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	A TTAGE C Q 277 4432 WHITE IN FINISH. ACKS WHEN MORE CHED MATERIAL RIGID STEEL EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC PVC PVC PVC PVC
SPARE SPARE TOTAL CC DIVE MINIMUM F SERVICE: 120/208V-3PH-4W FED FROM: MDP LOAD DESCRIPTION EDFROM: MDP LOAD DESCRIPTION B LTG - OPEN OFFICE SPARE LTG - RM 117 LTG - RM 118, 119, 120, 122 LTG - SW STORAGE LTG - SW STORAGE LTG - SW STORAGE REC - RM 117 REC - RM 115 REC - OPEN OFFICE/RM 120 REC - RM 117 REC - RM 112 WATER HEATER 'WH-1' FACP OVERHEAD DOOR SPARE SPARE DIVE	PAREL AMPERAGE (A):       53       34       29       NOTES:         PANEL CONNECTED LOAD:       11.2 KVA       FUTURE FACTOR:       126%         PANEL/FEEDER SIZE(AMPS):       47 AMPS         PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         PANEL SIZE:         MAIN BUS: 225 AMPS MLO         IRC POLES       CIRC (VA)         PHASE LOADS (VA)       PHASE LOADS (VA)       LOAD       COULS       CIRC (VA)         20       1       1056       2056       1000       1       20         20       1       1056       2056       1000       1       20         20       1       1080       2080       1000       1       20         20       1       1880       2080       1000       1       20         20       1       700       1720       1000       1       20         20       1       700       1500       1000       1       20         20       1       700       1500       1       20         20       1       700 <t< td=""><td>LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401</td><td>13</td><td>MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO</td><td>MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE</td><td>ATTAGE 0 277 4432 WHITE IN FINISH KCKS WHEN MOR CCHEC MATERIAL RIGID STEEL EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC NCABLE TRAY EMT EMT</td></t<>	LOCATION: RM 113 (IT)POLES: 42RM 113 (IT)NEMA TYPE: 1LOAD DESCRIPTIONCIRCNOTE NO.REV NO.PWR - CUBICLE21PWR - CUBICLE41PWR - CUBICLE61PWR - CUBICLE81PWR - CUBICLE101PWR - CUBICLE121PWR - CUBICLE141PWR - CUBICLE161PWR - CUBICLE181PWR - CUBICLE21PWR - CUBICLE181PWR - CUBICLE181PWR - CUBICLE201REC - RM 122221REC - RM 122241REC - RM 122281REC - RM 1222301ELEVATOR EQUIPMENT321IT EQUIPMENT341LTG - SOUT STORAGE361LTG - SOUT STORAGE381SPARE401	13	MOUNTING       SY MBOL       MANUFACTURER       M         CEILING       OS       HUBBEL       WSF         1. ALL WALL MOUNTED DEVICES SHALL MATCH OTHER SWITCH AND COVERPLAT         2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHP         APPLICATION         SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY         FEEDERS ABOVE GRADE         ALL BRANCH CIRCUITS FOR LIGHTING AND POWER         ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS         LIGHT FIX TURE WHIPS LIMITED TO 5'-0" IN LENGTH         SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BEL         BRANCH CIRCUITS BELOW GRADE         UNDERGROUND TELEPHONE SERVICE         DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED         LINE VOLTAGE THERMOSTAT/CONTROL WIRNG         NOTES:         1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP 1         2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO	MODEL TY PE VOLTAGE MAX WA 120 P-EM-UNV PIR 120 1920 ATE FINISHES. ALL CEILING MOUNTED DEVICES SHALL BE W PACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PAC IT APPLICATION SC IT APPLICATION SC N COW PAVED AREA SC OPEN FROM BELOW GRADE O BTAIN UTILITY COMPANY REQUIREMENTS FOR PE	ATTAGE 0 277 4432 WHITE IN FINISH KCKS WHEN MOR CCHEC MATERIAL RIGID STEEL EMT EMT EMT MC CABLE SCH 40 PVC PVC PVC PVC NCABLE TRAY EMT EMT

SYM BOL	TYPE	MOUNTING	DESCRIPTION, LOCATIONS & NOTES	MANUFACTURER & CAT. No.	LAMPS QUAN/TYPE	QUAN./TYPE	VOLTS WATTS
0	A	PENDANT	-16" ARCHITECTURAL PENDANT LIGHT -INCLUDE BOTTOM DETAIL PLATE -COORDINATE EXACT FINISH WITH ARCHITECT -TRAINING ROOM -PROVIDE WITH 0-10V DIMMING BALLAST	D'AC LIGHTING FIXTURE: d5035-2f46-120-XX-COIL LAMP:F42TBX/841/A/4P/EOL	2 42W TTT CFL 3400 LUMENS 4000K / 82CRI	1 0-10V BALLAST IZT-2T42-M3-BS	120 100
0	AE	INTEGRAL	-SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK -1 LAMP, 750 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH	Iota ISL-42-EW/1LAMP	1 42W TTT CFL	1 	120
	B1	SUSPENDED AT 9'-0"	-LINEAR 12' SUSPENDED PENDANT -OPEN OFFICE -COORDINATE EXACT FINISH WITH ARCHITECT	CORELITE MB-WS-4L40-1C-120-AC48-ST-8-STD-XX	1 LED 10010 LUMENS 4100K / 85CRI	1 DRIVER	120
	B2	SUSPENDED AT 9'-0"	-LINEAR 12' SUSPENDED PENDANT -OPEN OFFICE -COORDINATE EXACT FINISH WITH ARCHITECT	CORELITE: MB-WS-4L40-1C-120-AC48-ST-12-STD-XX	1 LED 15015 LUMENS 4100K / 85CRI	1 DRVER	120 166
	c	RECESSED GRID	-BLT 2x2, 2000 NOMINAL LUMENS, Curved Linear Prismatic lens, 3000K CCT	LITHONIA 2BLT2 20L ADP LP835	1 LED 2000 LUMENS 3500K / 82CRI	1 DRIVER	120 30
	CE	RECESSED GRID	-SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK -14W 120V EMERGENCY BATTER PACK	LITHONIA 2BLT2 20L ADP LP835	1 	1 	120
0	D	RECESSED	-2.3"DIA RECESSED DOWNLIGHT LUMINAIRE CLEAR DIFFUSE SPUN ALUM REFLECTOR -TRAINING ROOM -RESTROOMS	FOCAL POINT FLS2D-LL3-L30-WFL-LD1-120-RO-T/LS2-RD-DN- CD-WH	1 LED 1195 LUMENS 3000K	1 DRMER	<u>120</u> 30
8	É	SURFACE	-EDGE-LIT. NICAD BATTERY, WHITE FINISH, SINGLE FACE, GREEN LETTER EXIT SIGN. -ARROW STICKERS PER PLANS, CLEAR FACE -INTERIOR PATH OF EGRESS -SEE NOTE 3 BELOW	LITHONIA EDG-W-1-GW-EL-SD	1 3W LED	1 DRMER	120 3
ً	E2	RECESSED	-EDGE-LIT, NICAD BATTERY, WHITE FINISH, SINGLE FACE, GREEN LETTER EXIT SIGN. -ARROW STICKERS PER PLANS, CLEAR FACE -INTERIOR PATH OF EGRESS -SEE NOTE 3 BELOW	LITHONIA EDGR-W-1-GW-EL-SD	1 3W LED	DRMER	<u>120</u> 3
	F	SUSPENDED	-METALUX 2X4 HBLED FIXTURE WITH A CLEAR LENS DOOR -STORAGE AREAS	METALUX: HBLED-LD4-12-W-CL-UNV-L850-ED1-U	1 LED 11569 LUMENS 3000K	1 DRMER	120 120
	FE	INTEGRAL	-SAME AS A BOVE BUT W/ EMERGENCY BATTERY PACK -14W 120V EMERGENCY BATTER PACK	METALUX: HBLED-LD4-12-W-CL-120-EL14-L850-ED1-U	1 LED	1 	120 14
	G	SUSPENDED	-4'SUSPENDED LUMINAIRE WHITE REFLECTOR -STORAGE AREAS -TRANSITION AREAS	HE WILLIAMS 80-4-L63-840-WG-8014-VBY-2-DRV-120	1 LED 6300 LUMENS 4000K	1 DRVER	<u> </u>
	GE	INTEGRAL	-SAME AS A BOVE BUT W/ EMERGENCY BATTERY PACK -1000 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH	HE WILLIAMS 80-4-L63-840-EW10W-WG-8014-VBY-2-DRV- 120	1 	1 1 1000 LUMENS	120
	H	RECESSED	-4'SUSPENDED LUMINAIRE WHITE REFLECTOR -STORAGE AREAS -TRANSITION AREAS	HE WILLIAMS 80-4-L63-840-WG-8014-VBY-2-DRV-120	1 LED 6300 LUMENS 4000K	DRIVER	<u>120</u> 60
	HE	INTEGRAL	-SAME AS ABOVE BUT W/ EMERGENCY BATTERY PACK -1000 LUMEN OUTPUT, PROVIDE INTEGRAL TEST SWITCH	HE WILLIAMS 80-4-L63-840-EW10W-WG-8014-VBY-2-DRV- 120	1LED	1 1000 LUMENS	120 10
	I	Wall Mounted	-WALL PACK	COOPER XTORA1A	1 LED 722 LUMENS 4000K	1 DRIVER	<u>120</u> 7
	J	RECESSED	-CANOPY LIGHTING -ROUTE CANOPY LIGHTING THRU PHOTOCELL PER PLANS	COOPER LIGHTING LRC-B-16-950-LED-E1-WST	1 LED 3751 LUMENS 4000K	1 DRIVER	<u>120</u> 50

### PHOTOCELL SCHEDULE

MARK		LOAD						SWITCH						
MANK	EQUIPMENT SERVED	WATTS	VOLTS	MANUFACTURER	MODEL	TYPE	AMP	POLE	ENCLOSURE	ACCESSORIES				
РĊ	EXTERIOR LIGHTING	-	120 V	INTERMATIC	K4321C	THERM	15	1	WP8	-				
BBREVIA	TIONS:													
PST-SING	GLE POLE SINGLE THRO	W												
VPB-MOI	PB-MOUNT ON WEATHERPROOF BOX													

### OCCUPANCY SENSOR SCHEDULE

MOUNTING	SYMBOL	MANUFACTURER	MODEL	TYPE	VOLTAGE	MAX WA 120	TTAGE 277	COVERAGE (SF)	CONTROL UNIT (120V)	NOTES
CEILING	OS	HUBBÉL.	WSP-EM-UNV	PIR	120	1920	4432	1500	N/A (LINE VOLTAGE)	1-CIRCUIT LINE VOLTAGE

2. FOR LOW VOLTAGE DEVICES, VERIFY WITH MANUFACTURER USE OF SWITCHPACK OR USE WITH RELAY PANEL. PROVIDE 2 POWER PACKS WHEN MORE THAN 3 SENSORS UNDER SAME ZONE CONTROL.

APPLICATION	MATERIAL	FITTING TYPE (IF APPLICABLE)	NOTES
SERVICE ENTRANCE CONDUIT ABOVE GRADE ONLY	RIGID STEEL	<u></u>	-
FEEDERS ABOVE GRADE	EMT	COMPRESSION	-
ALL BRANCH CIRCUITS FOR LIGHTING AND POWER	EMT	COMPRESSION	-
ALL HVAC EQUIPMENT, SUPPLY/ EXHAUST FANS AND MOTORS	EMT	COMPRESSION	-
LIGHT FIXTURE WHIPS LIMITED TO 5'-0" IN LENGTH	MC CABLE	÷	CUONLY
SERVICE ENTRANCE CONDUIT BELOW GRADE WHERE NOT BELOW PAVED AREA	SCH 40 PVC	*	2
BRANCH CIRCUITS BELOW GRADE	PVC	<u> </u>	1
UNDERGROUND TELEPHONE SERVICE	PVC		1
DATA/TELEPHONE CABLING WHERE CELINGS INSTALLED	OPEN/CABLE TRAY		3
LINE VOLTAGE THERMOSTAT/CONTROL WIRING	EMT	COMPRESSION	-
NOTES:			
1. TRANSITION TO EMT SHALL BE MADE PRIOR TO COMING UP FROM BELOW GRADE			
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN UTILITY COMPANY REC	UIREMENTS FOR PRIMARY SERVIC	E AND ENCASING IN CONCRETE IF REC	UIRED
3. WHERE CEILINGS EXIST, WIRING CAN BE OPEN, PLENUM-RATED WIRING. IN AREAS WITHOUT	A CELLING EMIT CONDUCT IS REQUIR	RED	

