YMBOI	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DFS
AAD					DOUBLE
ACC	AIR-COOLED CONDENSING UNIT	+ ⊆ 			
AD	ACCESS DOOR	· · · · ·			DUCTSE
AFF	ABOVE FINISHED FLOOR			20/10	DUCTSE
AHU	AIR HANDLING UNIT		REDUCER		DUCT SE
BBD	BOILER BLOW DOWN]]			DUCT SE
BD		ļ —іЭ	ELBOW DOWN		ACOUS
			ELBOW UP		FLEXIBL
CFM		ю і	TEE OUTLET - UP		
CHWR	CHILLED WATER RETURN		TEE OUTLET - DOWN	_{FC}	FLEXIBL
CHWS	CHILLED WATER SUPPLY	II	UNION		
CR	CONDENSER WATER RETURN	×	GATE VALVE		FIRE DA
CS	CONDENSER WATER SUPPLY	δ	BALL VALVE		
CW	DOMESTIC COLD WATER	│⊗	BALANCING VALVE	8	SMOKE
D	DRAIN		STRAINER		
(E)	EXISTING		SIMANER		COMBI
			STRAINER WITH BLOW-DOWN	٢	
EF					VOLUM
ERHC			BUTTERFLY VALVE	L _{VD}	
ETR	EXISTING TO REMAIN		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		DAMPE
EUH	ELECTRIC UNIT HEATER	0.1 ₿13 → → → → → → → → → → → → → → → → → → → 	BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		DAMPE
F&T	FLOAT AND THERMOSTATIC TRAP		GLOBE VALVE		
FCU	FAN-COIL UNIT		CHECK VALVE		AUTOM
FPM	FEET PER MINUTE	×	TRIPLE DUTY VALVE	AAD	
FT	FIN-TUBE	I v i	GAS COCK, PLUG VALVE		
GC			UNDERCUT DOOR 1"	BDD	BACK D
GK		φ	LOUVERED DOOR W/ SQ. FT. OF FREE AREA		
HC	HVAC CONTRACTOR	\$ M	AIR VENT - MANUAL		BLAST G
HHWR	HEATING HOT WATER RETURN			∣ _{BG}	
HHWS	HEATING HOT WATER SUPPLY	1 <u></u>			
HP	НЕАТ РИМР			12X10	AIR DUC (FIRST FI
HPC	HIGH PRESSURE CONDENSATE		CONTROL/SOLENOIND VALVE, ELECTRIC 2-WAY		SECONI
HPS	HIGH PRESSURE STEAM	↓ ⋈	CONTROL VALVE, ELECTRIC 3-WAY	10/20 -	
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION	&	CONTROL VALVE, PNEUMATIC 2-WAY		
			CONTROL VALVE, PNEUMATIC 3-WAY	- ×	MULTI-B
		۲. ۲	·		TURNING
MBH	1,000 BTU/HR		RELIEF / SAFETY VALVE		EXISTIN
мс	MECHANICAL CONTRACTOR		PRESSURE REDUCING VALVE	P	POINT C
MPC	MEDIUM PRESSURE CONDENSATE	Q	VACUUM BREAKER	R	POINT C
MPS	MEDIUM PRESSURE STEAM		FLEXIBLE PIPE CONNECTOR		AIR FLO
MRD	MONOFLO FITTING DOWN – HHWR		EXPANSION COMPENSATOR W/ GUIDES		FILTER
MSD	MONOFLO FITTING DOWN – HHWS			N	
MUW	MAKE-UP WATER				TRANSIT
NC			PIPE ANCHOR		
NG			PIPE GUIDE	- 3	HUMIDII
NTS	NOT TO SCALE		THERMOSTATIC TRAP	ĸ	
OA	OUTSIDE AIR	^H O	FLOAT & THERMOSTATIC TRAP	RISE	RISFINI
PC	PLUMBING CONTRACTOR	BT	BUCKET TRAP	R	JE IIN
PD	PUMP DISCHARGE		THERMODYNAMIC TRAP		
PHWR	PRIMARY HEATING HOT WATER RETURN		THERMOMETER	D	DROP IN
PHWS	PRIMARY HEATING HOT WATER SUPPLY	<u> </u>	WELL		SQUARI
RA	RETURN AIR		PRESSURE GAUGE	l ©	ROUND
RD	REFRIGERANT DISCHARGE				SQUAR
RHC	HOT WATER REHEAT COIL		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		JOUAN
RLL		<u> </u>			SUPPLY
RSL			PRESSURE GAUGE		SUPPLY
RV		<u>́</u>	WITH 1/4" NEEDLE VALVE	1-WAY 2-WAY 3-WAY	
SA		·	PNEUMATIC (CONTROL) TUBING	8"Ø D-3	CEILING
SHWR	SECONDARY HEATING HOT WATER RETURN	│	BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS	300 CFM	
SHWS	SECONDARY HEATING HOT WATER SUPPLY	xx	PIPING		CEILING
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)	xx	PIPING BELOW GRADE	10"x10", G-3 300 CEAA	WITH SIZ
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)		BASE MOUNTED PUMP	,	CIIDDIV
TC	TEMPERATURE CONTROLS CONTRACTOR		IN-LINE PUMP	10"x8", R-2 300 CFM	WITH SIZ
	UNIT HEATER		AIR TERMINAL UNIT WITH		_
UH	UNIT VENTILATOR		REHEAT COIL AND SOUND	10"x8", G-2 300 CFM	RETURN WITH SIZ
UH UV			AIIENUATOR	1	
					-
UH UV V WAHP	VENT WATER-TO-AIR HEAT PUMP		AIR TERMINAL UNIT WITH SOUND ATTENUATOR		AIR FLO
UH UV V WAHP WWHP	VENT WATER-TO-AIR HEAT PUMP WATER-TO-WATER HEAT PUMP		AIR TERMINAL UNIT WITH SOUND ATTENUATOR AIR TERMINAL UNIT WITH	L1	AIR FLO ACOUST 1 INCH
UH UV V WAHP WWHP	VENT WATER-TO-AIR HEAT PUMP WATER-TO-WATER HEAT PUMP		AIR TERMINAL UNIT WITH SOUND ATTENUATOR AIR TERMINAL UNIT WITH REHEAT COIL		AIR FLO ACOUST 1 INCH ACOUST 2 INCH
UH UV V WAHP WWHP	VENT WATER-TO-AIR HEAT PUMP WATER-TO-WATER HEAT PUMP		AIR TERMINAL UNIT WITH SOUND ATTENUATOR AIR TERMINAL UNIT WITH REHEAT COIL AIR TERMINAL UNIT	L1 L2 PL1	AIR FLO ACOUST 1 INCH ACOUST 2 INCH ACOUST LINING

						<u>STMDOLS GLINEKAL NOTLS.</u>
SCRIPTION	SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION	1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL
E WALL LINED DUCT	24X12		1-1/2 TIMES BRANCH SIZE		ELECTRIC/PNEUMATIC SWITCH OR RELAY	SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.
SECTION - SUPPLY		SUPPLY / RETURN / EXHAUST AIR			PNEUMATIC/ELECTRIC SWITCH OR RELAY	HVAC CONTRACTOR GENERAL NOTES:
SECTION - RETURN/EXHAUST		TAKEOFFS	VD		CURRENT TRANSDUCER	
SECTION - ROUND DUCT IN INCHES					OPEN/CLOSED	A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL
SECTION - FLAT OVAL DUCT IN INCHES	24X12	SUPPLY / RETURN /	1-1/2 TIMES BRANCH SIZE		START/STOP	DEMOLITION AND NEW WORK.
		EXHAUST AIR	24X11		ENABLE/DISABLE	B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE
		TAKEOFFS	VD /		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)	EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE
			\sim		HUMIDITY SENSOR (DUCT MOUNTED)	BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM
	14"Ø		CONICAL TEE		FLOW TRANSMITTER	COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE
		SUPPLY AIR TAKEOFFS			PRESSURE TRANSMITTER	LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE
			VD		DIFFERENTIAL PRESSURE TRANSMITTER	COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL
					ELECTRIC/PNEUMATIC TRANSDUCER	REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.
			LATERAL		ELECTRIC/ELECTRONIC TRANSDUCER	C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK
		SUPPLY AIR TAKEOFFS		2	DUCT SMOKE DETECTOR	ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS,
INATION FIRE AND SMOKE DAMPER	VD		VD		SPACE THERMOSTAT	CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE
			8		SPACE TEMPERATURE SENSOR	REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE
	24X12		24X12		SPACE CARBON DIOXIDE SENSOR	DRAWINGS.
ER CONTROL, PARALLEL BLADE		SUPPLY AIR	18X12 12X10	CH4	SPACE NATURAL GAS SENSOR	D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE
ER CONTROL, OPPOSED BLADE		TAKEOFFS	20X12		SPACE CARBON MONOXIDE SENSOR	DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE
	200 12			∇_{G}	SPACE SENSOR WITH GUARD	BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE
	24X12		12810	H	SPACE HUMIDISTAT	DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD
		EXHAUST AIR	24X12	FS	WATER FLOW SENSOR	BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.
·		TAKEOFFS W/ REGISTER/GRILLE/	VD		PNEUMATIC ACTUATOR	
DRAFT DAMPER		DIFFUSER			ELECTRIC ACTUATOR	CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE
	<u> </u>			VSD VFD	VARIABLE SPEED / FREQUENCY DRIVE	EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES
		SUPPLY/RETURN				ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR
BG	BG C	EXHAUST AIR END OF MAIN				APPROVED CERTIFYING AGENCY OR ORGANIZATION.
12X10		BRANCH TAKEOFFS	VD		GAS FURNACE	F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS
FIGURE IS DUCT WIDTH/TOP,				E H		OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER
ND FIGURE IS DUCT DEPTH)	VD	SUPPLY/RETURN				LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.
		EXHAUST AIR	Kra I		ALAKM	G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY
		BRANCH TAKEOFFS	VD		STATUS	OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE
BLADE AIR EXTRACTOR			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		FLOW SWITCH	WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL
NG VANES	$ \gamma$		TT		DIFFERENTIAL STATIC PRESSURE SWITCH	
NG WORK TO BE REMOVED (HATCHED)		90° ELBOW		R	RELAY	PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION
OF CONNECTION		R/W=1.5			PRESSURE GAUGE	
OF DISCONNECTION			I	FZ	FREEZE-STAT	IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO
OW SENSOR			W R		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)	PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD
		LONG RADIUS 45° ELBOW			DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)	PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE
		R/W=1.5			ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)	COMPLETE DRAINING OF THE SYSTEM .
						I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION
			_		ANALOG INPUT (IO BUILDING MANAGEMENT SYSTEM)	LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.
IFIER DISPERSION TUBE	$ $ \sim	90° ELBOW WITH TURNING			ELECTRICAL INTERFACE	
		VANES		SF	SPEED FEED BACK	
DUCT				ES	END SWITCH	
			r\T	PF	POSITION FEEDBACK	
IN DUCT	18X16 - 18X8	90 VERTICAL	18x8	<u> </u>	TRAVERSE AVERAGING SENSOR	
RE CEILING DIFFUSER (4 WAY)		(PLAN VIEW)	18X16 18X8	-	PROBE SENSOR	
D CEILING DIFFUSER	18x8 —		, <u>, , , , , , , , , , , , , , , , , , </u>		FREEZE STAT SENSOR	-
RE OR RECTANGULAR CEILING GRILLE	20X10 20X10					
	20X10	DUCT TURNING UP OR DOWN	20X10			
		AIR TERMINAL UNIT-DUCT	TWORK	-		
Y DIFFUSER, 1-WAY, 2-WAY, 3-WAY	U MAX MIN	U - UNIT TYPE MAX = MAXIMUM CFM				
		MIN = MINIMUM CFM AIR TERMINAL UNIT-DUCT	IWORK	-		
G DIFFUSER IECK SIZE, TYPE, & CFM		U - UNIT TYPE GPM = GALLONS PER MII	N			
		MAX = MAXIMUM GPM		-		
G RETURN OR EXHAUST GRILLE IZE, TYPE, & CFM	МАХ					
	U MIN FAN	MAX = PRIMARY MAX CI MIN = PRIMARY MIN CFM	FM A			
/ REGISTER		FAN = FAN CFM		_		
, ·, ~ ~	ТҮРЕ	TYPE = VALANCE TYPE				
N OR EXHAUST GRILLE	COIL SIZE CLNG GPM	COIL SIZE = COIL LENGTH CLNG GPM = COOLING	i GPM			
	HING GPM	HING GPM = HEATING G	۲M			
W		X = DIFFUSER OR GRILL	TYPE			
STIC/THERMAL DUCTWORK LINING - I THICK		XX = AIR FLOW VALUE (Crm)			
STIC/THERMAL DUCTWORK LINING -						
STIC/THERMAL DUCTWORK PLENUM						
STIC/THERMAL DUCTWORK PLENUM						

CPL CPL CPL CPL CPL CPL CPL CPL CPL CPL	H ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION
	THE ITEM THER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THER SIGNATIBE AND THE DATE OF SUC
	De suirveyor is altered. The altering party shall affix to
Statte OF New Popp Statte OF New Popp Statte VID R. AND A	N ITEM BEARING THE SEAL OF AN ARCHITECT ENGINEER (
OSSINING UNION FREE SCHOOL DISTRICT BROOKSIDE ELEMENTARY SCHOOL CLASSROOM ADDITION PROJECT SED# 66-14-01-03-0-001-022	ess activic linder the direction of a licensed architect engineer or I and slipveyor. To aliter an item in any way if a
DATE DRAWN CHECKED 12/18/20 BKM JJM SCALE NTS SHEET TITLE HVAC SYMBOLS LIST	VITHE COMMISSIONER'S REGILI ATIONS FOR ANY PERSON TIME
PROJECT NUMBER 14428.11 BES HOOO DRAWING NUMBER	ONA WAI NOT AT THE NEW YORK STATE FOULD ATTON I AW AND









KEY NOTES:

- 1 SITE CONTRACTOR TO REMOVE EXISTING PIPE TO POINT INDICATED. SEE C200 FOR CONTINUATION.
- 2 INSTALL NEW 5" SANITARY DRAIN FROM EXISTING BUILDING BELOW SLAB OF NEW ADDITION. SEE CIVIL DRAWINGS FOR CONTINUATION.
- **3** MECHANICAL CONTRACTOR TO PROVIDE PIPING INSIDE THE BUIDING TO 5' OUTSIDE THE BUILDING.

KEY PLAN SCALE: N.T.S. Z



LSEE DRAWING C200 FOR CONTINUATION

												ROOF			DITIONI	NG UNI	T SCHE	DULE					
				SUPPI	LY FAN					COOLING C	APACITY					HTG CA	P. N.G.		ELECT	RICAL			
MARK LOCATION	NOM. TONS	CEM		ESP		TOTAL	SENS		EA	.T°F	LA	.T°F		INPUT	OUTPUT	EAT°F	LAT°F		MCA		SUMMER		
					CFM		(IN. W.C.)	ם אין איז	MBH	MBH		DB	WB	DB	WB		MBH	MBH	DB	DB	VOLINØ	MCA	OA (DB)
RTU-1	ROOF	7.5	3350	1100	0.85	2.23/3	98	75.3	12.0 EER/ 14.60 IEER	76.4	63.5	55.6	53.5	92	120	96	61.6	88.1	208/3	46.3	92	75	
REMARKS:	1. PROVIDE FAC	TORY MOUNTE	D DISCONNEC	CT SWITCH.					-				·										
	2. DRY BULB LO	W LEAK ECON	OMIZER W/ BA	ROMETRIC REL	LIEF AND HOOD	S.																	



PIPE SUPPORT DETAIL

7 H800

NOT TO SCALE

	ELECTRIC UNIT HEATER SCHEDULE										
						WEIGHT		ELECTRIC		TYPICAL UNIT MFG	
MARK	LOCATION	CAPACITY BIO/H				(LBS)	VOLTS	PHASE	Watts	& MODEL NO.	REWARRS.
EUH-1	STORAGE ROOM S-1	10250	28	10	26	115	208	1	3000	REZNOR - EMC	1, 2
REMARKS:	REMARKS: 1. ARCHITECT TO CHOOSE COLOR.										
	2. PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT.										

	PLUMBING EQUIPMENT & FIXTURE SCHEDULE							
MARK	FIXTURE	SAN	DESCRIPTION	MANUFACTURER & MODEL NUMBER	REMARKS			
RD-1	COMBINATION ROOF AND OVER FLOW DRAIN	3	ROOF DRAIN, 12" DIA DOME WITH ADJUSTABLE COLLAR, SUMP RECIEVER, UNDER DECK CLAMP WITH OVERFLOW DRAIN	ZURN Z164	1			
REMARKS:	1. SIZED PER PLAN.							



OSSINING BROOKSIDE ELEMENTARY OUTSIDE AIR CALCULATIONS										
				TOTAL						
			Occupant	OCCUPANCY	O.A. PER	O.A. PER				
		TOTAL	Density	FOR	PERSON	SQ. FT.	Vbz		Voz=Vot	
Space	Occupancy Classification	SQ. FT.	#/1000sq.ft.	VENTILATION	(CFM)	(CFM)	(CFM)	Ez	(CFM)	Required Exhaust
Classroom 40	Classroom (Ages 9+)	835	35	30	10	0.12	400	0.8	500	
Classroom 41	Classroom (Ages 9+)	835	35	30	10	0.12	400	0.8	500	
Corridor	Corridor	225	0.00	-	0	0.06	14	0.8	17	







H800/ NOT TO SCALE

	ENERGY REC	OVERY WHEEL					
٦			WINTER		TYPICAL UNIT MFG & MODEL NO.	REMARKS:	
)	SA (DB)	OA (DB)	RA (DB)	SA (DB)			
	78.9	-2	68	50.5	TEMPMASTER ZWT07N12H2DCE11AA8	1, 2	

REGISTERS, GRILLES, AND DIFFUSERS							
ICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS	
IPPLY	STEEL	LAY-IN	WHITE	24X24	PRICE SCD		
URN/EA	STEEL	LAY-IN	WHITE	24X24	PRICE PDDR		
			-				

SO FRONT STREET, SUITE 202 SO FRONT STREET, SUITE 202 NEWBURGH, NEW YORK 12550 TEL (800) 274-9000 FAX (845) 567-9614
REVISIONS NO. DATE DESCRIPTION 2 04/29/2021 AJS SED ADDENDUM NO 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OSSINING UNION FREE SCHOOL DISTRICT BROOKSIDE ELEMENTARY SCHOOL CLASSROOM ADDITION PROJECT SED# 66-14-01-03-0-001-022
DATE DRAWN CHECKED 12/18/20 BKM AJS SCALE NTS SHEET TITLE HVAC SCHEDULES AND DETAILS
PROJECT NUMBER 14428.11 BES H800 DRAWING NUMBER









PIPE TRENCH DETAIL - UNDER SLAB WITHIN BUILDING FOOTPRINT



<u>NOTE:</u>

ALL ROOF TOP HVAC UNITS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN. CURB TO BE SUPPLIED BY MC, INSTALLED BY GC









TRENCH IN EXISTING FLOOR - ADD 6X6-6/6 WWF

· • · · · ·

MINIMUM

WIRE MESH THRU CONCRETE CLASS A CONCRETE

TO BIND IN NEW CONCRETE

-SELECT GRANULAR FILL SEE DIV 31 SPECIFICATIONS COMPACTED IN 6" LIFTS

-CAST IRON PIPE

NOTE: FOR OTHER PIPE MATERIALS, PLEASE REFER ALSO TO MANUFACTURER BEDDING/BACKFILL REQUIREMENTS



