# **HS EXTENSION BOILER** REPLACEMENT

NORTH ROCKLAND **HIGH SCHOOL EXTENSION** SED NO. 50-02-01-06-0-007-016 65 Chapel St **Garnerville, NY 10923** 

**OWNER: North Rockland Central School District** 65 Chapel St Garnerville, NY 10923

**ARCHITECT: MICHAEL SHILALE ARCHITECTS, LLP 140 Park Avenue New City, NY 10956** 

> **PME ENGINEER: GREENMAN-PEDERSEN, INC. 400 Rella Boulevard** Montebello, NY 10901

		DRAWING No.
	CONCRETE MASONRY UNIT	
	BRICK	A-000
		B-100
		EN-001
	CONCRETE	AA-000
66626	GRAVEL OR STONE	AA-200
Ë   =   =   =     =   =   =	EARTH	T-100
	EIFS	C-101 C-501
	ASPHALT PAVING	D-101
	SAND /MORTAR /CYPSI IM BOARD	A-101 A-102
		M-001
	STEEL	M-002
	ACT	MD-101
	ROUGH WOOD	MD-102 MD-103
	BRONZE	M-101 M-102
		M-301
		M-401 M-501
		M-502 M-503
		F 001
		ED-101
		E-101 E-501
MATE	<b>ERIALS LEGEND</b>	
		(1)
107		
ACT A A.F.F. A ASPH A	ICOUSTICAL CEILING TILE IBOVE FINISH FLOOR ISPHALT	
BLK E		

BUILT UP ROOFING BUR CLG CMP CONC CONT C.J. DN CEILING CORRUGATED METAL PIPE CONCRETE CONTINUOUS CONTROL JOINT DOWN DIA DWG DIAMETER DRAWING E.F. EIFS EACH FACE EXTERIOR INSULATION AND FINISH SYSTEM E.W. EACH WAY E.W.C. ELECTRICAL WATER COOLER ELEVATION EL ELC EXIST EXP ELECTRICAL CONTRACTOR EXISTING FXPANSION EXT'G EXTR FP FXISTING EXTERIOR FIRFPROOF FIN. GA FINISH(ED) GAUGE GENERAL CONTRACTOR GC GALV GALVANIZED GL GLASS GWB GYPSUM WALL BOARD HDPE HIGH DENSITY POLYETHYLENE ΗМ HOLLOW METAL H.P. HIGH POINT HAC HEATING & A/C CONTRACTOR INDIVIDUAL TREATMENT ROOM ITR LAMINATE LAM LAV LAVATORY LΡ LOW POINT MAX MAXIMUM MFR MANUFACTURER MTL METAL MIN MINIMUM MO MASONRY OPENING N.I.C. NOT IN CONTRACT NO. NUMBER 0C ON CENTER OPN'G OPFNING PLUMBING CONTRACTOR PRC PLAS.LAM. PLASTIC LAMINATE PLATE PLY'D PLYWOOD RAD RADIUS REF.CLG. REFLECTED CEILING REQ'D REQUIRED RO ROUGH OPENING SIM S.P. SIMILAR STARTING POINT SUSP.CLG. SUSPENDED CEILING T.O.M. TOP OF MASONRY T.O.S. TYP TOP OF STEEL TYPICAL U.O.N. UNLESS OTHERWISE NOTED V.I.F. VCT W/ WD VERIFY IN FIELD VINYL COMPOSITE TILE WOOD

**ABBREVIATIONS** 



SPECIFICATIONS FOR EROSION AND SEDIMENT STABILIZATION IS ESTABLISHED.	RACTICES SHALL BE INSTALLED IN AC CONTROL, AND SHALL BE INSTALLED	CORDANCE WITH THE NEW YORK STANDARDS AND N PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT
2. THE SITE AT ALL TIMES SHALL BE GRADED AN CONTROL FACILITIES.	ID MAINTAINED SUCH THAT ALL STORM	WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINT BASIS, INCLUDING AFTER EVERY STORM EVENT	AINING AND INSPECTING ALL SOIL ERG	SION AND SEDIMENT CONTROL MEASURES ON A REGULAR
4. STOCKPILES ARE NOT TO BE LOCATED WITHIN STOCKPILES SHALL BE CONTAINED BY A HAY	A FLOODPLAIN, BUFFER, ON A SLOPE BALE SEDIMENT BARRIER OR SILT FEN	, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL CE.
5. ALL SOIL WASHED, DROPPED, SPILLED, OR TRA WASHED, DROPPED, SPILLED, OR TRACKED OU ROADWAYS MUST BE KEPT CLEAN AT ALL TIME	ACKED OUTSIDE THE WORK AREA OR TSIDE THE WORK AREA OR ONTO PUE S.	ONTO PUBLIC RIGHT-OF-WAY, SHALL BE REMOVED ALL SOIL BLIC RIGHT-OF-WAY, SHALL BE REMOVED IMMEDIATELY. PAVED
6. DUST SHALL BE CONTROLLED AT ALL TIMES IN BE CONTROLLED AT ALL TIMES IN ACCORDANC	I ACCORDANCE WITH THE NEW YORK E WITH THE NEW YORK STANDARDS A	STANDARDS AND SPECIFICATIONS FOR EROSION DUST SHALL ND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
7. TREES TO REMAIN AFTER CONSTRUCTION WITHI OR BEYOND IN ACCORDANCE WITH THE NEW Y	IN THE WORK AREA SHALL BE PROTECTIONS	CTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE FOR EROSION AND SEDIMENT CONTROL.
8. TEMPORARY SEDIMENTATION ENTRAPMENT AREA THE SITE. THESE MAY BE EXCAVATED OR MAY OTHER CHANNELIZATION SHALL BE CONSTRUCT SHALL NOT BE PERMITTED TO FILL IN, BUT SH SHALL BE DEPOSITED IN AREAS SAFE FROM F	IS SHALL BE PROVIDED AT KEY LOCAT BE CREATED UTILIZING EARTHEN BER ED TO INSURE THAT ALL SILT LADEN HALL BE CLEANED PERIODICALLY DURI URTHER EROSION.	TIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM MS, RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH NG THE COURSE OF CONSTRUCTION. THE COLLECTION SILT
9. ALL DISTURBED AREAS, EXCEPT ROADWAYS, WH SEEDED WITH 1/2 LB. OF RYE GRASS OR MU STABILIZED AS RAPIDLY AS PRACTICABLE BY T APPLIED TO DISTURBED AREAS THAT ARE LEF	HICH WILL REMAIN OPEN OR UNFINISH LCHED WITH 100 LBS. OF STRAW OR HE INSTALLATION OF THE BASE COUR FT FOR 15 DAYS UNLESS CONSTRUCT	ED FOR MORE THAN 10 DAYS SHALL BE TEMPORARILY HAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE SE. A TEMPORARY SEEDING AND/ OR MULCHING SHOULD BE ON WILL BEGIN WITHIN 30 DAYS.
10. SILT THAT LEAVES THE SITE SHALL BE COLLEC WORKS.	CTED AND REMOVED AS DIRECTED BY	THE VILLAGE OF WEST HAVERSTRAW. DEPARTMENT OF PUBLIC
12. AT THE COMPLETION OF THE PROJECT, ALL TE PLANTED, OR TREATED IN ACCORDANCE WITH	EMPORARY SILTATION DEVICES SHALL THE APPROVED PLANS.	BE REMOVED AND THE AFFECTED AREAS RE-GRADED,
13. ALL AREAS DISTURBED BY ON-SITE GRADING, THE FOLLOWING SEEDING SCHEDULE, OR EQUI	THAT WILL NOT BE CONSTRUCTED UF VALENT:	ON, SHALL BE STABILIZED WITH VEGETATIVE COVER, USING
KENTUCKY BLUE GRASS – CREEPING RED FESCUE – PERENNIAL RYE GRASS –	<u>LB. PER ACRE</u> 20 20 5	<u>LB. PER 1,000 SF</u> 0.45 0.45 0.10
14. ALL PERMANENTLY SEEDED AREAS TO HAVE AI LIME – AMOUNT NEEDED TO OBTAIN A pH O FERTILIZER – 15 LBS. PER 1,000 SF OF 10 IF NOT LANDSCAPED OTHERWISE, ALL NEW CO SEEDED WITH THE FOLLOWING:	N APPLICATION OF THE FOLLOWING: DF 5.5 D-20-10 FERTILIZER OR APPROVED E INSTRUCTED PERMANENT SLOPES LESS	QUAL. 5 THAN 1 (VERTICAL) : 2.5 (HORIZONTAL) TO BE
CREEPING RED FESCUE - CROWN VETCH -	LB. PER ACRE 10 15	<u>LB. PER 1,000 SF</u> 0.45 0.35
BIRDSFOOT TREFOIL – TALL FESCUE OR SMOOTH BROMEGRASS –	8	0.20
W/ PERENNIAL RYE GRASS	5	
1 15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2	.5 (HORIZONTAL) TO BE MULCHED AN	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE
15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.	.5 (HORIZONTAL) TO BE MULCHED AN	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FR DISTURBED.</li> </ul> </li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN RANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FR DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROU</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUCT ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> </ul> </li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN TRANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. REMAIN UNDISTURBED FOR A PERIOD O CTION FINE GRADE AND SPREAD TOPS 4 ABOVE.	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. DIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FR DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROU</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUCT ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> <li>j. MAINTAIN ALL SEEDED AND PLANTED AREAS</li> </ul> </li> <li>11. ALL CONSTRUCTION TO MEET CURRENT VILLAGI</li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN RANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. REMAIN UNDISTURBED FOR A PERIOD ( CTION FINE GRADE AND SPREAD TOPS 4 ABOVE. TO INSURE A VIABLE STABILIZED VEG E OF WEST HAVERSTRAW SPECIFICATION	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. OIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ETATIVE STATE. NS.
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FR DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROU</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUCT ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> <li>j. MAINTAIN ALL SEEDED AND PLANTED AREAS</li> </ul> </li> <li>11. ALL CONSTRUCTION TO MEET CURRENT VILLAGI</li> <li>12. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SE</li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN RANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. REMAIN UNDISTURBED FOR A PERIOD O CTION FINE GRADE AND SPREAD TOPS 4 ABOVE. TO INSURE A VIABLE STABILIZED VEG E OF WEST HAVERSTRAW SPECIFICATIO	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. DIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ETATIVE STATE. NS.
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FR DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROU</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUCT ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> <li>j. MAINTAIN ALL SEEDED AND PLANTED AREAS</li> </ul> </li> <li>11. ALL CONSTRUCTION TO MEET CURRENT VILLAGI</li> <li>12. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SE</li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN TRANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. REMAIN UNDISTURBED FOR A PERIOD O CTION FINE GRADE AND SPREAD TOPS 4 ABOVE. TO INSURE A VIABLE STABILIZED VEG E OF WEST HAVERSTRAW SPECIFICATIO EEDING IN ALL DISTURBED AREAS.	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. OIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ETATIVE STATE. NS.
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FF DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROI</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUCT ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> <li>j. MAINTAIN ALL SEEDED AND PLANTED AREAS</li> </ul> </li> <li>11. ALL CONSTRUCTION TO MEET CURRENT VILLAGI</li> <li>12. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SE</li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN RANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. EMAIN UNDISTURBED FOR A PERIOD O CTION FINE GRADE AND SPREAD TOPS 4 ABOVE. TO INSURE A VIABLE STABILIZED VEG E OF WEST HAVERSTRAW SPECIFICATIO EDING IN ALL DISTURBED AREAS.	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. OIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ETATIVE STATE. NS.
<ul> <li>15. ALL SLOPES GREATER THAN 1 (VERTICAL) : 2 GROUND.</li> <li>16. SOD CAN BE USED INSTEAD OF SEED. CONSTRUCTION SEQUENCE: <ul> <li>a. CONSTRUCT STABILIZED CONSTRUCTION ENT</li> <li>b. INSTALL SEDIMENT BARRIERS AS PER NOTE</li> <li>c. CONSTRUCT DIVERSIONS SWALES AND DRAIN DRAINAGE SYSTEMS WITH MINIMUM NECE</li> <li>d. CLEAR EXISTING TREES AND VEGETATION FF DISTURBED.</li> <li>e. PERFORM NECESSARY EXCAVATION OR FILL</li> <li>f. INSTALL SEDIMENT CONTROL BARRIERS AROU</li> <li>g. SEED ALL DISTURBED AREAS WHICH WILL R</li> <li>h. AFTER COMPLETION OF THE SITE CONSTRUC ABOVE.</li> <li>i. REMOVE SEDIMENT BARRIERS AS PER NOTE</li> <li>j. MAINTAIN ALL SEEDED AND PLANTED AREAS</li> </ul> </li> <li>11. ALL CONSTRUCTION TO MEET CURRENT VILLAGED</li> <li>12. 4" OF TOP SOIL TO BE SPREAD PRIOR TO SE</li> </ul>	.5 (HORIZONTAL) TO BE MULCHED AN RANCE. 1 ABOVE. NAGE SYSTEMS WITH MINIMUM NECESS ESSARY CLEARING. ROM AREAS TO BE EXCAVATED OR FIL OPERATIONS TO BRING SITE TO DESIN UND ALL STORM DRAIN INLETS. EMAIN UNDISTURBED FOR A PERIOD O CTION FINE GRADE AND SPREAD TOPS 4 ABOVE. TO INSURE A VIABLE STABILIZED VEG E OF WEST HAVERSTRAW SPECIFICATIO TEDING IN ALL DISTURBED AREAS.	0.10 D STABILIZED WITH CLOTH FABRIC AND PINNED TO THE ARY CLEARING. CONSTRUCT DIVERSIONS SWALES AND LED, STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE RED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM. OR 30 DAYS AS PER NOTE 2 ABOVE. DIL ON ALL LAWN AREAS AND SEED AS PER NOTES 5 AND 6 ETATIVE STATE. NS.

## **STANDARD EROSION CONTROL NOTES**

- 1. ALL DIMENSIONS ARE MEASURED TO THE ROUGH UNLESS OTHERWISE NOTED. ELEVATIONS AND DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS IN THE FIELD PRIOR TO THE USE OF SUCH INFORMATION IN CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. NOTIFY THE ARCHITECT IN WRITING IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES.
- 2. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE , OR WHICH ARE TO REMAIN, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ARCHITECT AT THE EXPENSE OF THE CONTRACTOR.
- 3. THE SITE SHALL BE KEPT CLEAN AT ALL TIMES. UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND PROPERLY DISPOSED OF AND SHALL BE LEFT CLEAN TO THE ARCHITECT'S SATISFACTION.
- 4. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND COMPLY WITH ANY AND ALL PERMITS ASSOCIATED WITH THIS WORK. THE CONTRACTOR SHALL COOPERATE AND ASSIST THE ARCHITECT AND AUTHORIZING AGENCIES IN PERFORMING INSPECTIONS AS REQUIRED.
- 5. WORK SHALL BE COORDINATED WITH WEATHER CONDITIONS AND PROJECTIONS TO PROTECT COMPLETED AND EXISTING, EXPOSED WORK.
- 6. NOTIFY ALL APPROPRIATE UTILITIES AND SCHEDULE A PRE-WORK MARK-OUT. WORK CANNOT COMMENCE ON THE PROJECT UNTIL THE SAID "MARK-OUTS" ARE ON THE GROUND AND HAVE BEEN APPROVED AS BEING ON THE ENTIRE SITE, BY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS.
- 7. SCHEDULE A PRE-CONSTRUCTION MEETING 48 HOURS PRIOR TO CONSTRUCTION START WITH THE ARCHITECT AND OWNER ON SITE PRIOR TO THE COMMENCEMENT OF THE PROJECT.
- 8. BROOM SWEEP THE ROAD AND ALL DISTURBED AREAS OF ALL DEBRIS AND EXCESS MATERIAL EACH NIGHT. REPLANT AND RESEED ALL DISTURBED GRASS AREAS TO THE SIMILAR CONDITION THAT EXISTS PRIOR TO CONSTRUCTION AND SHAPE THE AREA TO DRAIN FREELY TOWARDS THE CATCH BASINS. ANY DAMAGE TO THE SURFACE OF THE ROADS OR DRIVEWAYS MUST BE REPAIRED OR REPLACED TO THE EXISTING CONDITIONS, AS DETERMINED AND APPROVED BY THE ARCHITECT AND OWNER.
- 9. THE CONTRACTOR IS TO PROVIDE ON-SITE "PORTABLE JOHNS" FOR HIS EMPLOYEES, WITHIN WALKING DISTANCE OF THE CONSTRUCTION SITE. THESE DEVICES ARE TO BE REGULARLY SERVICED AND POSITIONED IN SUCH A LOCATION AS TO NOT BE AN ATTRACTIVE NUISANCE TO THE HOMEOWNERS IN THE AREA. APPROVAL OF THE LOCATION OF THESE FACILITIES IS REQUIRED AND WILL BE GIVEN BY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS. ALTERNATES TO THE PORTABLE JOHNS MAY BE APPROVED BY THE SAID SUPERINTENDENT.
- 10. CRACK-SEAL THE JOINTS, WITH HOT AC-20 ASPHALTIC TAR, BETWEEN THE EXISTING PAVEMENT AND NEW PAVEMENT SECTION.
- 11. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE SOIL EROSION CONTROL, PER NYSDEC GUIDANCE, AND PROTECTION OF THE ADJACENT PROPERTY FROM SOIL/ EARTH RUNOFF, WEATHER OR VANDALISM DURING THIS PERIOD OF CONSTRUCTION. PEDESTRIAN ACCESS TO EACH HOUSE MUST BE MAINTAINED DURING THE DAY ALWAYS AND VEHICULAR ACCESS TO THE INDIVIDUAL DRIVEWAYS IN THE EVENINGS.
- 12. CURBING TO BE GRADED AS NECESSARY TO PROVIDE POSITIVE DRAINAGE DIRECTED TO CATCH BASINS AND/OR INLETS. MINIMUM SLOPE SHALL BE 1%.
- 13. ANY CATCH BASINS, CATCH BASIN GRATES OR INLETS DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH LIKE KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE VILLAGE.
- 14. CONTRACTOR SHALL HAND EXCAVATE WITHIN PROXIMITY TO ANY UNDERGROUND UTILITIES.
- 15. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITIES AND PROVIDE NECESSARY VALVE/CLEANOUT EXTENSIONS AND/OR NEW COLLARS AS NECESSARY TO BE FLUSH WITH NEW PAVING.
- 16. CONTRACTOR SHALL LOCATE ALL O/H WIRES AND TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE GENERAL PUBLIC AND ALL WORKERS.
- 17. CONTRACTOR SHALL ADJUST CATCH BASIN FRAME AND GRATE AS NECESSARY TO BE FLUSH WITH ADJACENT PAVING AND PROVIDE APPROPRIATE DRAINAGE.
- 18. CONTRACTOR SHALL REMOVE, STORE AND REINSTALL ALL STREET SIGNS AS NECESSARY FOR COMPLETION OF WORK.

## **CONSTRUCTION NOTES**

- CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES (PUBLIC AND PRIVATE) IN WORK AREA BY CALLING "DIG SAFELY NEW YORK" 1-800-962-7962, PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. UTILITIES AND UTILITY FACILITIES THAT ARE UNKNOWN MAY BE AFFECTED BY THE PROPOSED WORK. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE OWNER AND ARCHITECT AND MAINTAIN THE UTILITIES IN WORKING ORDER UNTIL THEIR DISPOSITION IS RESOLVED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION, PROTECTION AND/OR TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED WITHIN THE WORK AREA.
- THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH EACH AFFECTED UTILITY COMPANY, SHALL APPLY FOR AND OBTAIN THE NECESSARY PERMITS AND APPROVALS AND SHALL INITIATE AND COORDINATE ALL INSPECTIONS NECESSARY FOR FINAL APPROVAL AND ACCEPTANCE BY THE SUBJECT UTILITY COMPANY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONTINUOUS SERVICE OF ALL EXISTING UTILITIES WITHIN THE WORK AREA AT ALL TIMES. CONTRACTOR SHALL COORDINATE ANY REPAIR, RELOCATION OR REMOVAL OF EXISTING UTILITIES WITH EACH RESPECTIVE UTILITY COMPANY AND PROVISIONS MUST BE PROVIDED FOR TEMPORARY SERVICE OF ANY RESPECTIVE UTILITY SERVICE AFFECTED BY THE CONSTRUCTION IN THE EVENT OF ANY DISRUPTION TO THE EXISTING UTILITY. SHUT-DOWNS SHALL BE AT THE DISCRETION OF THE RESPECTIVE UTILITY COMPANIES.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL INDIVIDUAL PROPERTIES



- ARE ANY DISCREPANCIES.
- EXISTING CONDITIONS PRIOR TO WORK.
- ACCEPTANCE OF THE WORK BY THE OWNER.

CONCRETE
CONSTRUCTION
DIAMETER
DRAWING
EACH WAY
ELEVATION

CORRUGATED METAL PIPE

ASPHALT BLOCK

ASPH BLK CMP CONC CONST DIA DWG E.W.

EL EXIST EXT'G FIN. GA

GC

H.P.

MAX

MFR

MIN MO N.I.C.

NO. 0.A.E.

OC OPN'G RAD RCP REQ'D

STL TYP U.O.N. V.I.F.

EXISTING EXISTING FINISH(ED) GAUGE

- GENERAL CONTRACTOR HIGH POINT JOINT
- LOW POINT MAXIMUM MANUFACTURER
- MINIMUM MASONRY OPENING
- NOT IN CONTRACT NUMBER OR APPROVED EQUAL ON CENTER OPFNING RADIUS REINFORCED CONCRETE PIPE REQUIRED
- STEEL TYPICAL UNLESS OTHERWISE NOTED VERIFY IN FIELD WITH

## **ABBREVIATIONS**

# SEEDED GRASS AREA

都任

## **MATERIALS LEGEND**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD AND IS TO NOTIFY ARCHITECT IN WRITING IF THERE

2. THE CONTRACTOR IS RESPONSIBLE FOR THE REQUIREMENTS OUTLINED IN THE CONTRACT DOCUMENTS. THE WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION INCLUDING, BUT NOT LIMITED TO, INTERNATIONAL BUILDING CODE, BOCA CODE, STATE UNIFORM CONSTRUCTION CODE, MUNICIPAL CODES AND ORDINANCES, AND FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. CODE REQUIREMENTS SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS, WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING THEMSELF WITH THE

4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY OSHA AND ANY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY 24 HOURS PER DAY UNTIL FINAL

5. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE, ORDERLY, AND PROFESSIONAL MANNER BY EXPERIENCED WORKERS.

6. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY PRECAUTIONS, NOR FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

7. BEFORE WORK IS STARTED, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL A LIST OF MATERIALS, WITH TRADE NAMES, PROPOSED TO BE FURNISHED AND SHOP DRAWINGS OR MATERIAL SAMPLES AS REQUESTED BY THE ARCHITECT. SUBMITTALS SHALL BE REPRESENTATIVE OF THE MATERIALS TO BE USED BY THE CONTRACTOR IN COMPLETING HIS WORK.

8. CONTRACTOR IS RESPONSIBLE TO COMPLETE ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.

9. CONTRACTOR SHALL VERIFY FIELD CONDITIONS WITH OWNER AND ARCHITECT PRIOR TO START OF WORK.

10. THE CONTRACTOR SHALL MAINTAIN AND ENSURE THAT ALL DISTURBED AREAS BE STABILIZED.



**GENERAL NOTES** 

CONCRETE

GRAVEL OR STONE

EARTH

ASPHALT PAVING



SCHEDULES, LEGENDS AND NOTES



4

	2020 EXISTING BUILDING CODE OF	NEW YORK STATE	
Sito	North Deckland Control School District	Date:	12/14/2022
			12/14/2023
	North Rockland High School Extension Boiler	Leasting.	De alda e d'Caurata
Project Name:	Replacement	Location	ROCKIAND COUNTY
Project Number:	65 Change Street Garperville NV 10922		IVISA
Project Address.			
2020	Existing Building Code of New York State		
2020	Building Code of New York State		
	EXISTING BUILDING CODE: CHAPTER 1 SCOP	E AND ADMINISTRATION	
SECTION 101	GENERAL		
101.2 Scope	The provisions of this code shall apply to the to and relocation of existing buildings.	repair, alteration, chang	ge of occupancy, addition
101.4 Applicability	This code shall apply to the repair, alteration, of existing buildings, regardless of occupancy 101.4.2.	, change of occupancy, a r, subject to the criteria (	ddition and relocation of Sections 101.4.1 and
1014.2 Buildings Previously Occupied	The legal occupancy of any building existing of permitted to continue without change, except a Code of New York State, or the Property Maintee necessary by the building official for the gene public.	on the date of adoption on as is specifically covere enance Code of New Yorl ral safety and welfare o	of this code shall be d in this code, the Fire < State, or as is deemed f the occupants and the
	EXISTING BUILDING CODE: CHAPTER	2 DEFINITIONS	
SECTION 202	GENERAL DEFINITIONS		
EQUIPMENT OR FIXTURE	Any plumbing, heating, electrical, ventilating, protection equipment, and elevators, dumbwa other mechanical facilities or installations th fixture shall not include manufacturing, produ connections from building service to process	air conditioning, refrige iters, escalators, boiler at are related to buildin uction, or process equip equipment.	erating, and fire s, pressure vessels and g services. Equipment or ment, but shall include
EXIS	STING BUILDING CODE: CHAPTER 3 PROVISIONS F	OR ALL COMPLIANCE MI	THODS
SECTION 301	ADMINISTRATION		
301.3.2 Work Area Compliance Method	Alterations, additions and changes of occupat of Chapters 6 through 12 of this code shall be this code.	ncy complying with the a considered in compliar	applicable requirements ace with the provisions of
	EXISTING BUILDING CODE: CHAPTER 6 CLA	SSIFICATION OF WORK	
SECTION 601	GENERAL		
601.2 Work Area	The work area, as defined in Chapter 2, shall b	be identified on the cons	truction documents.
SECTION 602	ALTERATION - LEVEL 1		
602.1 Scope	Level 1 alterations include the removal and re elements, equipment, or fixtures using new ma serve the same purpose.	placement or the coveri aterials, elements, equip	ng of existing materials, ment, or fixtures that
602.2 Application	Level 1 alterations shall comply with the prov	isions of Chapter 7.	
	EXISTING BUILDING CODE: CHAPTER 7 AL	TERATIONS - LEVEL 1	
SECTION 702	BUILDING ELEMENTS AND MATERIALS		
702.6 Methods and Materials	New work shall comply with the materials and New York State, Energy Conservation Construct New York State, and Plumbing Code of New Yor standards, detail of installation and connection element, component, or system in the building	d methods requirements tion Code of New York St rk State, as applicable, t on, joints, penetrations,	in the Building Code of ate, Mechanical Code of hat specify material and continuity of any
SECTION 703	FIRE PROTECTION		
703.1 General	Alterations shall be done in a manner that ma	intains the level of fire	protection provided

2020 ENERGY CONSERVATION CODE OF NEW YORK STATE BUILDI North Rockland Central School Site North Rockland High School Ex Project Name: Replacement Project Number: 44023 Project Address: 65 Chapel Street, Garnerville, 1 APPLICABLE ORD 2020 Existing Building Code of New 2020 Building Code of New York Stat 2020 Energy Conservation Code of N ENERGY CONSERVATION CODE: SECTION C402 Building Envelope Requiremen Table C402.1.3 Building Envelope Requiremen Climate Zone 5A Mass Climate Zone 5A Wood Framed or Other SECTION C403 Building Mechanical Systems Mechanical systems and equip refrigerating needs shall comp C403.1 General Design loads associated with C403.1.1 Calculation determined in accordance with of Heating and computational procedure using cooling loads shall be adjusted Cooling Loads (Mandatory) recovery systems are utilized i and Equipment Handbook by a ENERGY CONSERVATION CODE: CHAPTER 5 EXISTING BUILDING SECTION C503 ALTERATIONS Alterations to any building or structure shall comply with the requirements of the code for new construction. Alterations shall be such that the existing building or structure is no less conforming to the provisions of this code than the existing building or structure was prior to the alteration. Alterations to an existing building, building system or portion thereof shall C503.1 General conform to the provisions of this code as those provisions relate to new construction without requiring the unaltered portions of the existing building or building system to comply with this code. Alterations shall not create an unsafe or hazardous condition or overload existing building systems. C503.4 Heating and New heating, cooling and duct systems that are part of the alteration shall comply with cooling Systems Sections C403.

## **EXISTING BUILDING CODE**

NG CODE SUMM	ARY		
l District	Date:		4/29/2024
xtension Boiler			
	Location		Rockland Count
	Architect of	<sup>F</sup> Record	MS
NY 10923			
INANCES, CODES	& STANDAR	D	
York State			
te			
New York State			
CHAPTER 4 COM	MERCIAL ENE	ERGY EFFICIE	INCY
nts			
nts - Opaque Ass	emblies		
W	alls	Å	Average R-Value
Above	Grade		R-11.4ci
Rc	ofs	Ļ	Average R-Value
Insul enti roof	rely above deck		R-30ci
pment serving th ply with this sec	ne building h tion.	eating, cool	ing, ventilating or
heating, ventila h ANSI/ASHRAE/. ng the design pa ed to account for in the HVAC syst an approved equ	ting and air ACCA Standa rameters spe r load reduct em in accord ivalent com	conditioning rd 183 or by ecified in Ch tions that ar dance with t putational p	g of the building shall be y an approved equivalent apter 3. Heating and re achieved where energy he ASHRAE HVAC Systems procedure.

	MANUAL OF PLANNING STANDAR	DS SUMMARY	
Owner:	North Rockland Central School District	Date:	4/29/2024
	North Rockland High School Extension Boiler		
Project Name:	Replacement	Location	Rockland Count
Project Number:	44023	Architect of Record	MS
Project Address:	65 Chapel Street, Garnerville, NY 10923		
	APPLICABLE ORDINANCES, CODES	& STANDARD	
2020	Existing Building Code of New York State		
2020	Building Code of New York State		
2020	Energy Conservation Code of New York State		
2020	Fire Code of New York State		
	PART III: ENVIRONMEN	NT	
\$304	ACOUSTICAL ENVIRONMENT		
S304-2 - Mechanical/ Electrical/ Plumbing Noise Control	a. Achieving the proper level of ambient noise too high, communication between teachers an too low, the slightest noises (pencils dropping intensified in their level of disturbance. The in of mechanical / electrical / plumbing systems latest version in classrooms and Large Group Sound levels do not apply to mechanical / elec emergency purposes such as fire alarm notific b. Table S304-1 is a table of ambient noise cri- single number room criteria "RC" curves. The v acceptability for typical building occupancies in Table for instructional spaces. Lower values on a careful analysis of economics, space usa c. Locations of mechanical and electrical equi adverse impact on the ambient noise level in t of the building structure by mechanical air-ha transformers, etc., locate equipment rooms on should be installed in locations such that the intrude on instructional spaces at levels that the	in an academic space i d students will be parti g, rustling of papers, etc tent of this section is to to meet the sound stan Instruction spaces used ctrical / plumbing syste cation devices or emerg teria for mechanical eq values and ranges repre- . Designs should not ex s may be more appropri ge and user needs. pment should be carefu he adjacent spaces. To ndling units, chillers, c grade whenever possik sound generated by the exceed interior HVAC so	s critical. If the level is ally or fully masked. If .) will appear to be o recommend the design dards of ANSI/ASA S12.60 d by any grade level. ems used solely for ency generators. uipment based on the esent general limits of ceed upper values stated iate and should be based ally chosen to not have an avoid excessive vibration ompressors, ole. Exterior equipment equipment will not bund levels.
5602	d. When locating electrical receptacles for sw be installed in sound-critical rooms. Offset bo PART VI: HEATING, VENTILATION AND AIR CONE	itches and outlets, no b oxes at least two stud ca DITIONING REQUIREMEN	ack-to-back boxes should avities from each other. ITS
3602			
S602-6 - Mechanical	a. During the normal school year there are ma refrigeration equipment would be desirable, a extensive summer use of rooms.	ny days when mechanic nd to an even greater ex	cal cooling provided by ktent, when there is
Conditioning)	b. Mechanical cooling for interior spaces with of pupil occupancy, which are approved becau with equipment for mechanical cooling when the spaces.	n no exterior operable w use of educational prog a temperature of 78ºF c	vindows: Interior spaces ram, shall be provided annot be maintained in
\$603	CONTROLS		
	a. New HVAC controls should be DDC (direct di hardware and software should be specified or Temperature sensors/controls should be prov small spaces (such as offices) with similar bu recommends temperature sensors for kinderga the floor to more accurately provide for the co	gital control) with elect ben protocol and web-b ided for every student o ilding exposures may s arten through second gr	tric actuators. DDC ased communication. occupied space. Groups o hare sensors. SED rades be located closer to nts.
S603 - Controls	b. Building automation control workstations a located so as to be under the supervision of th office, mechanical equipment room, or in a ce should be located near equipment and spaces troubleshooting. Control indicator panels for building so as to be readily accessible to facil	nd temperature Contro ne building supervisor, o ntral area. Subpanels o served for ease of main rooftop units should be ity staff.	l Panels should be either in the custodian's f lower control hierarchy ntenance and e situated within the
	c. Provide a sequence of operation for all HVA applicable to the spaces served and that main occupant comfort. Program to take advantage temperatures are favorable.	C&R equipment that is o tains the code required of natural free cooling	clearly written to be I ventilation and whenever outdoor
		ios on numn and fan me	
	d. Consider employing variable frequency driv under part load conditions.	les on pump and fan inc	otors for energy efficiency
	d. Consider employing variable frequency driv under part load conditions.	tion \$306	otors for energy efficienc

f. Provide motorized, low leakage, insulated dampers at all HVAC&R intakes, relief and exhaust air openings.

## ENERGY CODE

## **MANUAL OF PLANNING STANDARDS**



COMcheck Software Version COMcheckWeb	COMcheck Software Version COMcheckWeb	Section
Mechanical Compliance Certificate	Inspection Checklist	# Mechanical Rough-In Inspection Complies? Comments/Assumpt
	Energy Code: 2020 New York State Energy Conservation Construction Code	[ME41] <sup>3</sup> sensible heating panels have $\Box$ Does Not insulation >= R-3.5.
roject Information	Requirements: 97.0% were addressed directly in the COM <i>check</i> software	C403.12.1 Systems that heat outside the building Complies Exception: Requirement does not apply
hergy Code: 2020 New York State Energy Conservation Construction Code	requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.	[ME71] <sup>2</sup> envelope are radiant heat systems controlled by an occupancy sensing device or timer switch
oject Title: NRHS Extension Boller Replacement ocation: Thiells, New York	Section Disc Description Complete Compl	C403.2.2 Natural or mechanical ventilation is Complies <b>Exception:</b> Requirement does not apply
oject Type: Alteration	#     Plan Review     Complies?     Comments/Assumptions       & Req.ID     C103.2     Plans, specifications, and/or     □Complies     Requirement will be met.	[ME59] <sup>1</sup> provided in accordance with International Mechanical Code Chapter 4. Mechanical ventilation has
onstruction Site: Owner/Agent: Designer/Contractor:	[PR2] <sup>1</sup> calculations provide all information with which compliance can be determined for the mechanical Not Observable	capability to reduce outdoor air supply LINOT Applicable to minimum per IMC Chapter 4.
echanical Systems List	systems and equipment and LNot Applicable document where exceptions to the standard are claimed. Load	[ME59] <sup>1</sup> for spaces >500 ft2 and >25 people/1000 ft2 occupant density and conved by systems with air side
antitySystem Type & Description	calculations per acceptable engineering standards and bandbooks	economizer, auto modulating outside air damper control, or design airflow
Heating: Hot Water Boiler, Capacity 1900 kBtu/h, Gas Proposed Efficiency: 94.60 % Et, Required Efficiency: 80.00 % Et	Additional Comments/Assumptions:	<ul> <li>&gt;3,000 cfm.</li> <li>C403.7.2 Enclosed parking garage ventilation Complies</li> <li>Exception: Requirement does not app<sup>1</sup></li> <li>IME115<sup>13</sup> bas automatic contaminant detection Deece Nation</li> </ul>
chanical Compliance Statement		and capacity to stage or modulate fans to 50% or less of design capacity.
<i>ppliance Statement:</i> The proposed mechanical alteration project represented in this document is consistent with the building is, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been	Section     #     Footing / Foundation Inspection     Complies?     Comments/Assumptions       & Req.ID	C403.7.6 [ME141] <sup>3</sup> HVAC systems serving guestrooms in Group R-1 buildings with > 50       Complies       Exception: Requirement does not appl
ned to meet the 2020 New York State Energy Conservation Construction Code requirements in COM <i>check</i> Version checkWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.	C403.12.2 Snow/ice melting system and freeze Complies Exception: Requirement does not apply.	provided with controls that automatically manage temperature
- Title Signature Date	[FO9] <sup>3</sup> pavement temperature and outdoor temperature. future connection to controls	setpoint and ventilation (see sections C403.7.6.1 and C403.7.6.2).
	Additional Comments/Assumptions:	[ME57] <sup>1</sup> systems meeting Table C403.7.4(1) Does Not and C403.7.4(2).
	Section	C403.7.5 Kitchen exhaust systems comply with Complies Exception: Requirement does not app
	# Plumbing Rough-In Inspection Complies? Comments/Assumptions	[ME116] <sup>3</sup> replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum
	C404.5, Heated water supply piping conforms       L/Complies       Requirement will be met.         C404.5.1, to pipe length and volume       Does Not       Location on plans/spec: M-002         C404.5.2       requirements. Refer to section details.       Date Observable	exhaust rate criteria.     Not Applicable       C403.11.1     HVAC ducts and plenums insulated in C403.11.1     Complies
	[PL6] <sup>3</sup> Unot Observable Not Applicable	,accordance with C403.11.1 and constructed in accordance with C403.11.2, verification may need toLDoes Not[ME60]2C403.11.2, verification may need toImage: Calculation may need to
	C404.6.3       Pumps that circulate water between a       Complies       Exception: Requirement does not apply.         [PL7] <sup>3</sup> heater and storage tank have controls       Does Not         that limit operation from startup to       Does Not	occur during Foundation Inspection.LINot ApplicableC403.4.3The heating of fluids in hydronicCompliesRequirement will be met.
	<= 5 minutes after end of heating cycle. DNot Applicable	[ME69] <sup>3</sup> systems that have been previously mechanically cooled, and the cooling of fluids that have been previously □Not Observable
	C404.7 Demand recirculation water systems Complies Exception: Requirement does not apply.	mechanically heated are limited in accordance with Sections C403.4.3.1- C403.4.3.3. Single holier systems
	action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water	<pre>&gt;500,000 Btu/h have multistaged or modulating burner.</pre>
	piping to 104°F.	
piect Title: NPHS Extension Poiler Poplacement	1     High Impact (Tier 1)     2     Medium Impact (Tier 2)     3     Low Impact (Tier 3)	1     High Impact (Tier 1)     2     Medium Impact (Tier 2)     3     Low Impact (Tier 3)
ta filename: Page 1 of 6	Data filename: Page 2 of 6	Data filename:
ction	Section Eight Compliant Compliant	Section
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         aq.ID       .4.4       Hydronic systems greater than       □Complies       Exception: Dedicated equipment circulation pumps where	Section #       Final Inspection       Complies?       Comments/Assumptions         & Req.ID       C303.3,       Furnished O&M manuals for HVAC       Complies       Requirement will be met.	Section       Final Inspection       Complies?       Comments/Assump         & Req.ID       C408.2.5.       Final commissioning report due to       Complies       Requirement will be met.
tion       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4.4       Hydronic systems greater than       □Complies       Does Not         300,000 Btu/h designed for variable fluid flow. See section language for full details.       □Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.	Section #       Final Inspection       Complies?       Comments/Assumptions         & Req.ID       Furnished O&M manuals for HVAC Systems within 90 days of system acceptance.       Complies       Requirement will be met.	Section #       Final Inspection       Complies?       Comments/Assumption         & Req.ID       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies       Requirement will be met.         Does Not [FI30] <sup>1</sup> Image: Complicate of occupancy.       Image: Complies of the complicate of the c
Sion       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4.4       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         0.4       Funtame turnelouup requirements mature       Complicable	Section #       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5. 3 [F18]3       Furnished O&M manuals for HVAC systems within 90 days of system acceptance.       Complies       Requirement will be met.         Vot Observable Not Observable       Not Observable       Not Applicable	Section #       Final Inspection       Complies?       Comments/Assum         & Req.ID       C408.2.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies       Requirement will be met.         Mot Observable       Not Observable       Location on plans/spec: M-001         Additional Comments/Assumptions:       Complicable       Location on plans/spec: M-001
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies Does Not Not Observable Not Observable       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         4       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a       Complies Does Not Does Not       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         4       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a       Complies Does Not Does Not       Requirement will be met.         4       Costion on plans/spec: M-002       Location on plans/spec: M-002	Section # & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5, 3       Furnished O&M manuals for HVAC systems within 90 days of system acceptance.       Complies       Requirement will be met.         [FI8] <sup>3</sup> Furnished O&M manuals for HVAC systems within 90 days of system acceptance.       Complies       Requirement will be met.         [F18] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not       Requirement will be met.         Location on plans/spec: M-002       M-002	Section # & Req.ID       Final Inspection       Complies?       Comments/Assum         C408.2.5. 4 [F130] <sup>1</sup> Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Does Not Not Observable Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Not Applicable       Location on plans/spec: M-001
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         .1D       Hydronic systems greater than       Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         .4       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a combination of single-input and modulating boilers, or a combination of Single-input and modulating boilers. Boiler input between 1.0 MBtu/h and 5 MBtu/h has       Complies?       Complies complicable	Section # & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5. 3 3 IFI8] <sup>3</sup> Furnished O&M manuals for HVAC Systems within 90 days of system acceptance.       Complies Does Not Not Observable       Requirement will be met.         C403.2.2. IFI27] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not Not Observable       Requirement will be met.         C403.4.1. December of controls have a 5 °F       Complies Complies       Requirement will be met.	Section #       Final Inspection       Complies?       Comments/Assum         & Req.ID       C408.2.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies       Requirement will be met.         Motional Comments/Assumptions:       Not Applicable       Location on plans/spec: M-001
on       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         .1D       Hydronic systems greater than       Complies       Exception: Dedicated equipment circulation pumps where         300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies       Exception: Dedicated equipment circulation pumps where         Not Observable       Not Observable       Not Observable       minimum flow requirements of the equipment manufacturer for proper operation of equipment.         .4       System turndown requirement met rore or more modulating boilers, or a combination of single-input boilers, or a combination of single-input and modulating boilers. Boiler input between 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio, boiler input >       Complies       Requirement list for values.	Section # & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5. 3       Furnished O&M manuals for HVAC systems within 90 days of system acceptance.       Complies       Requirement will be met.         [FI8] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies       Requirement will be met.         C403.2.2. [F127] <sup>5</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not Not Observable Not Applicable       Requirement will be met.         C403.4.1. 2 [F138] <sup>3</sup> Thermostatic controls have a 5 °F deadband.       Complies Does Not Does Not Does Not Does Not Does Not       Requirement will be met.	Section # Req.ID       Final Inspection       Complies?       Comments/Assum         C408.2.5. 4 [FI30] <sup>1</sup> Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Not Applicable       Additional Comments/Assumptions:
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         1D       Hydronic systems greater than       Complies?       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         4       Hydronic systems greater than       Complies       Does Not         9       Oxo Obstu/h designed for variable details.       Complies       Does Not         10       Mot Observable       Not Observable       Iminum flow requirements of the equipment manufacturer for proper operation of equipment.         10       Not Applicable       Complies       Location on plans/spec: M-002         4       System turndown requirement met rom or more modulating boilers, or a combination of single-input and modulating boilers. Boiler input and modulating boilers. Boiler input setween 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio.       Requirement sits for values.         10       MBtu/h has 5:1 turndown ratio.       Complies       Systems list for values.	Section & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5.       Furnished O&M manuals for HVAC systems within 90 days of system acceptance.       Complies Does Not Not Observable       Requirement will be met.         [F18] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Not Observable       Requirement will be met.         C403.2.2 [F127] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not       Requirement will be met.         C403.4.1. 2 [F138] <sup>3</sup> Thermostatic controls have a 5 °F deadband.       Complies Does Not Does Not       Requirement will be met.         C403.2.4. 1.3       Temperature controls have setpoint 1.3       Complies Does Not       Requirement will be met.	Section # & Req.ID       Final Inspection       Complies?       Comments/Assum         C408.2.5.       Final commissioning report due to 4 building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable Not Observable       Requirement will be met.         Jones Not Not Observable       Does Not Not Observable       Location on plans/spec: M-001         Additional Comments/Assumptions:       Not Applicable
In       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         4       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a combination of single-input between 1.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio, boiler input between 5.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio, boiler input between 5.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio, boiler input between 5.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio, boiler input between 5.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio.       Complies Complies Does Not Complies       Location on plans/spec: M-002 See the Mechanical Systems list for values.         1.       Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air       Complies Does Not Not Observable	Section #       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5, 3 (F18] <sup>3</sup> Furnished 06M manuals for HVAC complies       Complies?       Requirement will be met.         C408.2.5, 3 (F18] <sup>3</sup> Furnished 06M manuals for HVAC capacity does not exceed calculated loads.       Complies       Requirement will be met.         C403.2.2, (F127) <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies       Requirement will be met.         C403.4.1, 2       Thermostatic controls have a 5 °F deadband.       Complies       Requirement will be met.         C403.2.4, (F138) <sup>3</sup> Temperature controls have a 5 °F deadband.       Complies       Requirement will be met.         C403.2.4, (F138) <sup>3</sup> Temperature controls have setpoint overlap restrictions.       Complies Complies       Requirement will be met.         C403.2.4, (F120) <sup>3</sup> Temperature controls have setpoint overlap restrictions.       Complies Complies       Requirement will be met.         C403.2.4, (F120) <sup>3</sup> Temperature controls have setpoint overlap restrictions.       Complies Complies       Requirement will be met.	Section # & Req.ID C408.2.5.       Final Inspection of Req.ID final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Does Not Not Observable Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Additional Comments/Assumptions:       Not Applicable       Not Applicable
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         1       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies Does Not       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment.         1       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a combination of single-input between 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boiler input between 5.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Applicable       Requirement will be met.         1       Cotation on plans/spec: M-002       See the Mechanical Systems list for values.         3:1 turndown ratio, boiler input between 5.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Does Not Does Not         10:0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Does Not Does Not Not Applicable       See the Mechanical Systems list for values.         10:0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Observable Does Not Does	Section # & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5, systems within 90 days of system acceptance.       Complies Does Not Not Observable       Requirement will be met.         FIR]3       HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not       Requirement will be met.         C403.2.2, [F127]3       HVAC systems and equipment capacity does not exceed calculated loads.       Complies Does Not Does Not       Requirement will be met.         C403.4.1, [F138]3       Thermostatic controls have a 5 °F caedband.       Complies Does Not Does Not       Requirement will be met.         C403.2.4, [F138]3       Temperature controls have a 5 °F caedband.       Complies Does Not Does Not       Requirement will be met.         C403.2.4, [F120]3       Temperature controls have setpoint overlap restrictions.       Complies Does Not Does Not       Requirement will be met.         C403.2.4, [F120]3       Each zone equipped with setback controls using automatic time clock or Does Not       Requirement will be met.	Section & Req.ID C408.2.5.       Final Inspection       Complies?       Comments/Assum         C408.2.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable       Requirement will be met.         Additional Comments/Assumptions:       Not Applicable       Location on plans/spec: M-001
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         4       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a combination of single-input between 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Observable Not Applicable       Requirement will be met. Location on plans/spec: M-002         System turndown ratio, boiler input between 5.0 MBtu/h had 5 MBtu/h has 3:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Observable Not Observable Not Observable         Heating for vestibule automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint <= 80F.	Section & Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3, C408.2.5, IFI8J <sup>3</sup> Furnished 0&M manuals for HVAC systems within 90 days of system acceptance.       Complies Does Not       Requirement will be met.         C403.2.2, IFI2J <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated Dods.       Complies Does Not       Requirement will be met.         C403.2.2, IFI2J <sup>3</sup> Thermostatic controls have a 5 °F (F138) <sup>3</sup> Complies Does Not Doce Not       Requirement will be met.         C403.2.4, IF12J <sup>3</sup> Temperature controls have a 5 °F (Complies Does Not Doce Not Doce Not Doces Not Doce Not Doc	Section & Req.ID       Final Inspection       Complies?       Comments/Assum         C408.2.5. 4 building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable Not Applicable       Requirement will be met. Location on plans/spec: M-001         Additional Comments/Assumptions:       Additional Comments/Assumptions:       Not Applicable
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than 300,000 Btu//h designed for variable fluid flow. See section language for full details.       Complies       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment.         4       System turndown requirement met b through multiple single-input bollers, one or more modulating bollers, on combination of single-input and modulating boller input between 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boller input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio.       Complies Does Not Dot Observable Does Not       Requirement will be met.         1       Heating for vestibules and air curtains with infegral heating include automatic controls that shut off the heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint >= 80F.       Complies Does Not Dot Observable       Complies Does Not Dot Observable         2.       Air outlets and zone terminal devices have means for air balancing.       Complies Does Not Dot Observable       Exception: Requirement does not apply.	Section # Req.ID       Final Inspection       Complies?       Comments/Assumptions         C 303 3, C 408 2.5, 3 B       Furnished O&M manuals for HVAC C 408 2.5, 3 B       Complies       Requirement will be met.         C 403 2.2, 1 F(8) <sup>3</sup> Furnished O&M manuals for HVAC C 403 2.2, 1 F(8) <sup>3</sup> HVAC systems within 90 days of system acceptance.       Requirement will be met.         C 403 2.2, 1 F(8) <sup>3</sup> HVAC systems and equipment coactiv does not exceed calculated loads.       Complies Does Not Does Not Does Not Does Not Does Not Does Not Does Not Does Not Does Not Not Observable       Requirement will be met.         C 403 4.1, 2 C403 4.1, 1 S       Thermostatic controls have a 5 °F complies       Requirement will be met.       Location on plans/spec: M-002         C 403 2.4, 1 F1201 <sup>3</sup> Temperature controls have setpoint overlap restrictions.       Complies Does Not Does Not Not Observable       Requirement will be met.         C 403 2.4, 1 F1201 <sup>3</sup> Each zone equipped with setback controls using automatic time clock or programmable control system.       Requirement will be met.       Location on plans/spec: M-002         C 403 2.4, 1 F1301 <sup>3</sup> Each zone equipped with setback controls using automatic time clock or programmable control system.       Does Not Does Not Does Not Does Not Does Not Does Not Does Not Does Not       Requirement will be met.         C 403 2.4, 1 Automatic Controls: Setback to 55°F C (200); 7 day clock, 2 Does Not       Requirement will be met.	Section # & Req.ID       Final Inspection       Complies?       Comments/Assum         C408.2.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable       Requirement will be met.         Additional Comments/Assumptions:       Does Not Not Applicable       Location on plans/spec: M-001
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies Does Not Not Observable       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         1       System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a Combination of single-input and modulating boilers. Boiler input between 1.0 MBtu/h has 3:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Applicable       Requirement will be met.         Not Applicable       Not Applicable       Not Applicable       Requirement will be met.         Not Applicable       Not Applicable       Not Applicable       Requirement will be met.         Not Applicable       Not Applicable       Not Applicable       See the Mechanical Systems list for values.         Heating for vestibules and air curtains controlled by a thermostat in the vestibule with heating systems controlled by a thermostat in the vestibule with heating systems controlled by a thermostati in the vestibule with heating systems controlled by a thermostatin the Not Observable Not Applicable       Exception: Requirement does not apply.	Section # Req.ID       Final Inspection       Complies?       Comments/Assumptions         C303.3. 8       Furnished 0&M manuals for HVAC C408.2.5. 9       Complies       Requirement will be met.         C403.2.1       Furnished 0&M manuals for HVAC C408.2.5. 9       Does Not acceptance.       Requirement will be met.         [FI27] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated loads.       Complies Complies       Requirement will be met.         C403.4.1. 2       Thermostatic controls have a 5 °F deadband.       Complies Complies       Requirement will be met.         C403.4.1. 2       Temperature controls have a 5 °F deadband.       Complies Complies       Requirement will be met.         C403.2.4. 1       Temperature controls have setpoint overiap restrictions.       Complies Complies Complies Does Not Does Not Not Observable Complies       Requirement will be met.         C403.2.4. 2       Each zone equipped with setback controls using automatic time clock or programmable control system.       Complies Does Not Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Not Applicable       Requirement will be met.         C403.2.4. 1       Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7/4 day clock, 2 (had); 2,4 (Had)       Complies Does Not Does Not Does Not Not Observable Not Applicable       Requirement will be met.         C403.2.4. 1       Automatic Controls: Setback to 55°F (heat)	Section & Req.ID         Final Inspection         Complies?         Comments/Assum           C4408.2.5. 4         Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.         Complies Does Not Not Observable         Requirement will be met.           Mot Observable         Cotation on plans/spec: M-001           Additional Comments/Assumptions:         Additional Comments/Assumptions:
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than 300,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies Does Not       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minum flow requipments of the equipment manufacturer for proper operation of equipment.         4       System turndown requirement met P through multiple single-input boilers, one or more modulating boilers, origing to input > nodulating boilers, Boiler input between 1.0 MBtu/h has 5:1 furndown ratio, boiler input between 5:0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio, boiler input te between 3:0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Observable Does Not Not Observable         I. Heating for vestibules and air curtains controlled by a thermostat in the vestibule with heating systems controlled by a thermostatin the vestibule with heating systems controlled by a thermostatin the vestibule with heating systems controlled by a thermostat in the vestibule with heating systems controlled by a thermostating.       Complies Does Not Does N	Section #       Final Inspection       Complies?       Comments/Assumptions         C303.3. G408.2.5. 3 (FIB)3       Furnished O&M manuals for HVAC C408.2.5. 3 (FIB)3       Complies       Requirement will be met.         C403.4.1. (F127) <sup>12</sup> HVAC systems and equipment capacity does not exceed calculated load.       Complies       Requirement will be met.         C403.4.1. (F127) <sup>12</sup> HVAC systems and equipment capacity does not exceed calculated load.       Complies       Requirement will be met.         C403.4.1. (F138) <sup>12</sup> Thermostatic controls have a 5 °F (Does Not Not Observable       Complies       Requirement will be met.         C403.2.4. (F138) <sup>12</sup> Temperature controls have as 5 °F (Does Not (F120) <sup>12</sup> Complies       Requirement will be met.         C403.2.4. (F139) <sup>12</sup> Temperature controls have setpoint (P120) <sup>12</sup> Complies (Does Not (Does Not programmable control system.       Requirement will be met.         C403.2.4. (F139) <sup>12</sup> Each zone equipped with setback controls using automatic time clock or programmable control system.       Complies (Does Not (Does Not (	Section & Req.ID         Final Inspection         Complies?         Comments/Assum           C408.2.5. 4         Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.         Complies Does Not Not Observable         Requirement will be met.           Additional Comments/Assumptions:         Not Applicable         Location on plans/spec: M-001
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         Hydronic systems greater than 300,000 Burl designed for variable details.       Complies Does Not Not Observable       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment.         System turndown requirement met through multiple single-input boliers, or combination of single-input boliers, or combination of single-input boliers, or a combination of single-input and modulating boliers. Solier input between 1.0 MBtu/h and 3 MBtu/h has 4:1 turndown ratio, bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio, bolier input between 5.0 MBtu/h and 3 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 3 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Bolier input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio. Does Not Not Observable heating arc controls that shut off the heating arc controls that shut off the heating system when outdoor air control by a thermost in the vestibule with heating setpoint <= BOF and cooling setpoint <= Does Not Not Applicable       Exception: Requirement does not apply.         Refrigerated display cases, walk-in condensers nut located in a condensers nut located in a condensers nut located in a condensers nut locat	Section #         Final Inspection         Complies?         Comments/Assumptions           C303.3, C408.25, systems within 90 days of system acceptance.         Complies Does Not Does Not Cad3.4.1, [F12] <sup>3</sup> Requirement will be met.           C403.2.2, [F12] <sup>3</sup> HVAC systems and equipment capacity does not exceed calculated Does Not Does Not D	Section # eq.1D       Final Inspection       Complies?       Comments/Assum         C408.2.5. 4 (F130) <sup>1</sup> Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Does Not Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Does Not Not Applicable       Location on plans/spec: M-001
Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         Hydronic systems greater than 300,000 Etu/h designed for variable fluid flow. See section language for full details.       Complies Does Not Not Observable       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment manufacturer for proper operation of equipment.         System turndown requirement met through multiple single-input boilers, one or more modulating boilers, one combination of single-input and modulating boilers, one in put base en 1. Surdifier input base 4:1 turndown ratio, boiler input base 4:1 turndown ratio, boiler input bas 4:1 turndown ratio, boiler input bas 4:1 turndown ratio.       Complies Does Not Does Not Not Observable Not Applicable       Exception: Requirement does not apply.         Refrigerated display cases, walk-in condensien unit, have far.provered by condensers not located in a condensien unit, have far.provered by condensers that comply with C403.5.2       Exception: Requirement does not apply.	Section #         Final Inspection         Complies?         Comments/Assumptions           C303.3, [Fig] <sup>1</sup> Fundished O&M manuals for HVAC c408.2.5. systems within 90 days of system acceptance.         Complies         Requirement will be met.           C408.2.5. [Fig] <sup>2</sup> capacity does not exceed calculated loads.         Complies         Requirement will be met.           C403.2.2. [Fi27] <sup>2</sup> capacity does not exceed calculated loads.         Complies         Requirement will be met.           C403.2.4. [Fi38] <sup>3</sup> Thermostatic controls have a 5 *F deadband.         Complies         Requirement will be met.           C403.2.4. [Fi39] <sup>3</sup> Temperature controls have setpoint controls using automatic time lock or programmable control system.         Complies         Requirement will be met.           C403.2.4. [Fi39] <sup>3</sup> Each zone equipped with setback controls using automatic time lock or programmable control system.         Complies         Requirement will be met.           C403.2.4. [Fi39] <sup>3</sup> Automatic Controls. Satback to 55*F controls using automatic time lock or programmable control system.         Not Observable controls using automatic time lock or programmable controls. Satback to 55*F complies         Requirement will be met.           C403.2.4. [Fi39] <sup>3</sup> Commissioning plan developed by registered design professional or aproved agency.         Complies Does Not Does Not Profestion on plans/spec: M-002	Section # Req.ID (2408.2.5.       Final Inspection (Section of Comples)       Comples         4 (Fi30] <sup>1</sup>
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         4       Hydronic systems greater than fluid flow. See section language for variable fluid flow. See section language for full details.       Complies?       Exception: Dedicated equipment circulation pumps where configured in mony requirement/secondary design to provide the configured in mony requirement/secondary design to provide the for proper operation of equipment.         4       System humdown requirement met brough multiple single-input boliers, one or more modulating poliers, or onto proper input boliers, and undown ratio, bolier input - bolier input - bolier polier input between 1.0 MBtu/h and 5 MBtu/h has 4:1 turndown ratio. biller input - 10.0 MBtu/h has 5:1 turndown ratio.       Complies Does Not Not Applicable       Requirement will be met. Does Not Not Applicable         Image: Marking system when outdoor air temperatures > 45F. VetBule heating and cooling systems controlled by a themostat in the vestibule and conling systems in the vestibule with heating stepoint <= OF and cooling systems in the vestibule with heating stepoint <= OF and cooling stepoint <= OF and and repoint of an errowet or ondensers not locate	Section 6. Req.ID         Final Inspection         Complies?         Comments/Assumptions           C203.3. 5. C203.3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	Section # Req.ID       Final Inspection       Complies?       Requirement will be met.         C408.2.5. [F130]       Enal commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Bequirement will be met.       Location on plans/spec: M-001         Mot Observable [Not Applicable]       Not Applicable       Section on plans/spec: M-001         Additional Comments/Assumptions:       Section on plans/spece: M-001
n       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         10       Hydronic systems greater than       Complies?       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment.         4       System turndown requirement met 13: through multiple single-input and modulating boilers, or combination of single-input and modulating boilers, or combination arise (combination arise).       Complies         10.0 MBtu/h has 4:1 turndown ratio. Doller input > 10.0 MBtu/h has 4:1 turndown ratio.       Complies       Complies         11. Undown ratio.       Complies       Complies       Decenvable         with integral heating include automatic controls that shut off the heating system with nearing section = 200 Set Not       Does Not       Does Not         12. Air outlets	Section # Req.JD         Final Inspection manuals for HVAC C403.2.         Complies?         Comments/Assumptions           C403.2.1         Furnished O&M manuals for HVAC C403.2.2         Complies acceptance.         Requirement will be met.           C403.2.2         HVAC systems and equipment capacity does not exceed calculated dads.         Complies Does Not Does	Section # GR02.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not Not Observable Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Not Applicable       Location on plans/spec: M-001
on Ito       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         34       Hydronic systems greater than 30,000 Btu/h designed for variable fluid flow. See section language for full details.       Complies Iminum flow requirements of the equipment circulation pumps where configured in primary/secondary design to provide the minimum flow requirements of the equipment.         44       System turndown requirement met cone or more modulating biolers, or a combination of single-input and medulating boilers, Boiler input between 1.0 MBtu/h and 5 MBtu/h has 3.1 turndown ratio, boiler input bast 4.2 turndown ratio, boiler input bast 4.2 turndown ratio, boiler input between 5.0 MBtu/h and 5 MBtu/h has 4.2 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4.1 turndown ratio, boiler input between 4.0 MBtu/h has 5.1 turndown in crucians for ant conling steptint >= 80r.       Complies boos Not Not Observable Not Applicable         2.       Ar outlet sad zone terminal devices have means for air balancing.       Complies boos Not Not Applicable       Exception: Requirement does not apply.         3.1 turndown catio, boiler condenses not located in a condenses not located in a co	Section & Req.10         Final Inspection         Complies7         Comments/Assumptions           C303.3, Image: Section C         Final Inspection         Complies7         Comments/Assumptions           C303.3, Image: Section C         Envisited O&M manuals for HVAC         Complies         Requirement will be met.           C403.2.2         HVAC systems and equipment coapacity does not exceed calculated loads.         Complies         Requirement will be met.           C403.2.1         Thermostatic controls have a 5 °F         Complies         Requirement will be met.           C403.2.4.         Temperature controls have a 5 °F         Complies         Requirement will be met.           C403.2.4.         Temperature controls have a 5 °F         Complies         Cotation on plans/spec: M-002           C403.2.4.         Temperature controls have a 5 °F         Complies         Cotation on plans/spec: M-002           C403.2.4.         Temperature controls have be 5 °F         Complies         Cotation on plans/spec: M-002           C403.2.4.         Temperature controls have beck         Controls surg admoralic time clock         Costion on plans/spec: M-002           C403.2.4.         Each none equipped with setback         Complies         Requirement will be met.           C403.2.4.         feed ontrol system         Complies         Requirement will be met.	Section & Req.D       Final Inspection       Complies?       Requirement will be met.         4       building owner within 90 days of receipt of certificate of occupancy.       Complies Does Not INot Observable Not Applicable       Requirement will be met.         Additional Comments/Assumptions:       Additional Comments/Assumptions:       Complies
On L1D       Mechanical Rough-In Inspection       Complies?       Comments/Assumptions         13       Hydronic systems greater than blud flow. See section language for full details.       Complies Does Not Does Not combinism flow requirements of the equipment. Circulation pumps where comfigured in primary/secondary designed for provide the minimum flow requirement met provide the proper operation of equipment.       Exception: Dedicated equipment. Circulation pumps where combination of equipment.         24.       System turndown requirement met.       Complies combination of single-input boilers, or combination of single-input and modulating boilers. Boiler input between 10.0 MBtu/h ats 3.1 turndown ratio.       Complies Not Observable       Requirement will be met.         10.0 MBtu/h hat 5.1 turndown ratio.       Complies Not Applicable       Requirement will be met.       Location on plans/spec: M-002         11.       Heating system when outdoor air temperatures > 45F. VestBuile heating and cooling systems in the westBuile with heating setpoint <= 00F and cooling systems in the westBuile with heating setpoint <= 00F and cooling setpoint = 806.       Complies Does Not Does No	Section # Req.ID         Final Inspection         Complies7         Comments/Assumptions           C303.3, Furnished D&M manuals for HVAC C403.2.2         Eventsite D&M manuals for HVAC C403.2.2         Complies7         Requirement will be met.           C403.2.2         HVAC systems and equipment capacity does not exceed calculate loads.         Complies7         Requirement will be met.           C403.2.2         HVAC systems and equipment capacity does not exceed calculate loads.         Complies Does Not Endot Applicable         Requirement will be met.           C403.2.4.         Thermostatic controls have a 5 °F deadband.         Complies Does Not Endot Applicable         Requirement will be met.           C403.2.4.         Temperature controls have a 5 °F deadband.         Complies Does Not Endot Applicable         Requirement will be met.           C403.2.4.         Temperature controls have a 5 °F dortal controls using automatic time clock.         Complies Does Not Endot Applicable         Requirement will be met.           C403.2.4.         Each zane equipped with setback controls using automatic time clock.         Complies Does Not Endot Applicable         Requirement will be met.           C403.2.4.         Automatic Controls statuck to 55°F control suffigure force)? 74 tooks. 2*         Does Not Endot Applicable         Cocation on plans/spec: M-002           C403.2.4.         Automatic Controls statuck to 55°F control suffigure endoes Not apstored agency.         Cocation on plans/spec:	Section         Final Inspection         Complies?         Comments/Assum           C4.08.2.5.         Final commissioning report due to 4         Complies         Requirement will be met.           Does Not FISD1         Incertificate of occupancy.         Interview         Location on plans/spec: M-001           Additional Comments/Assumptions:         Not Applicable         Additional Comments/Assumptions:
Ion       Mechanical Rough-In Inspection       Compiles?       Comments/Assumptions         19       30,000 Biu/n designed for variable details.       Compiles       Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the Does Not         3.4       System turndown requirement met combination of single-input boliers, one or more modulating boliers, or a combination of single-input and modulating boliers. Bolier input between 1.0 MBtu/h and 310 MBtu/h has 4:1 turndown rate, biller input 10.0 MBtu/h has 5:1 turndown rate, biller extenting include 10 Applicable       Compiles 10 Applicable         2.2.       Air outlets and zone terminal devices have means for air balancing.       Compiles 10 Applicable       Exception: Requirement does not apply. 10 Applicable         2.3.       Air outlets and zone terminal devices have means for air balancing.       Compiles 10 Comp	Section         Final Inspection         Complex7         Comments/Assumptions           C408.25, 3, 1(R)         Furnished 05M manuals for HVAC acceptance.         Complex Description         Requirement will be met.           C408.25, 3, 1(R)         Furnished 05M manuals for HVAC acceptance.         Complex Description         Requirement will be met.           C408.25, 1(R)         Furnished 05M manuals for HVAC acceptance.         Complex Description         Requirement will be met.           C403.24, 1(R)         HVAC systems and equipment capacity does not exceed calculated Description         Control Secription         Requirement will be met.           C403.24, 1(R)         Temperature controls have setpint Overlap restrictions.         Control Secription         Requirement will be met.           C403.24, 1(R)         Temperature controls have setpint Overlap restrictions.         Complex Description         Requirement will be met.           C403.24, 1(R)         Function on plans/spec: M-002         Requirement will be met.         Coation on plans/spec: M-002           C403.24, 2(R)         Automatic Controls System.         Complex Description         Requirement will be met.           C403.24, 1(R)         Automatic Controls System.         Description         Requirement will be met.           C403.24, 2(R)         Automatic Controls System.         Description         Requirement will be met.           <	Section # Req.ID       Final Inspection       Complies?       Comments/Assum         C400.25.       Final commissioning report due to description of receipt of certificate of occupancy.       Does Not Does Not Does Not Not Observable       Isocation on plans/spec: M-001         Additional Comments/Assumptions:       Additional Comments/Assumptions:
on         Mechanical Rough-In Inspection         Complies?         Comments/Assumptions           140         Hydronic systems greater than 300,000 Bitly/ design to reviable details.         Complies         Exception: Decicated equipment circulation pumps where minimum flow requirements of the equipment manufacturer for proper operation of equipment.           271         System tundown requirement met modulating boliers, or a combination of single-input and modulating boliers. Bolier input between 10 MBKUM and 5 MBKUM has 51. Undown ratio, bolier input bolier math, bas 51. Undown ratio, bolier input bolier inpu	Section         Final Inspection         Complex         Comments/Assumptions           C303.3 C408.2.5. systems within 90 days of system acceptance.         Complex Description         Requirement will be met.           C403.3 (C408.2.5. systems within 90 days of system acceptance.         Complex Description         Requirement will be met.           C403.3.1 (F87)         HVAC systems and equipment capacity does not exceed calculated Dods.         Complex Description         Requirement will be met.           C403.4.1. (F87)         HvAC systems and equipment capacity does not exceed calculated Dods.         Costion on plans/spec: M-002           C403.4.1. (F130)         Temperature controls have a 5 *F Description applicable         Requirement will be met.           C403.2.4. (F130)         Temperature controls have setpoint Description applicable         Requirement will be met.           C403.2.4. (F130)         Each zone equipped with setback Controls using automatic time clock or Description applicable         Requirement will be met.           C403.2.4. (F131)         Automatic Controls Setback to 35*F Description applicable         Requirement will be met.           C403.2.4. (F131)         Automatic Controls system.         Dot Observable         Requirement will be met.           C403.2.4. (F131)         Automatic Controls system.         Dot Observable         Requirement will be met.           C403.2.1. (F131)         Controls systems.         Do	Section # Reg.ID       Final Inspection       Complies?       Comments/Assumptions         C408.2.5.       Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.       Does Not Not Observable       Requirement will be met.         Not Applicable       Location on plans/spec: M-001       Not Applicable         Additional Comments/Assumptions:       Preceipt of certificate of occupancy.       Not Applicable
Non         Mechanical Rough-In Inspection         Complies?         Comments/Assumptions           4.4         Hydronic systems greater than 300,000 BitM designed for variable details.         Complies         Exception: Dedicated equipment circulation pumps where diminum flow requirements of the equipment manufacturer for proper operation of equipment.           3.4         System tundown requirement manufacturer one or mer modulating beliers, or a combination of single-input and modulating boliers. Bolier input between 10. MBLUM and 5 MBLUM has 5: 10.0 MBLUM and 5 MBLUM nation ratio.         Complies Complies         Requirement will be met.           10.0 MBLUM has 5:1 turndown ratio. 10.0 MBLUM has 5:1 turndown ratio. 10.0 MBLUM has 5:1 turndown ratio. 10.0 MBLUM as 7:1 turndown ratio. 10.0 MBL	Section 6: Req. ID         Final Inspection         Comples?         Comments/Assumptions           C303.25. 3         Fursibled C6M manuals for HVAC C405.25. 3         Comples         Requirement will be met.           C405.24. 1FBJP         Comples         Requirement will be met.         Comples           C403.24. 1FBJP         Comples         Requirement will be met.         Coction on plans/spec: M-002           C403.41. 2 Codd         Thermostatic controls have a 5 °F         Comples         Coction on plans/spec: M-002           C403.42. 2 FBBP         Temperature controls have a 5 °F         Comples         Coction on plans/spec: M-002           C403.24. 1 Social controls is guitomatic time controls have a 5 °F         Comples         Coction on plans/spec: M-002           C403.24. 1 Social controls is guitomatic time controls have setpoint overlap restrictions.         Comples         Requirement will be met.           C403.24. 1 Social controls is guitomatic time controls have setpoint overlap restrictions.         Comples         Control is guitomatic time controls have setpoint overlap restrictions.         Comples           C403.24. 2         Edu controls is guitomatic time controls is guitomatic time control is splexicable         Control is guitomatic time control is	Section # Req.10       Final Inspection reprint Complies?       Comments/Assumptions         4       C408.2.5.       Final commissioning report due to building worker within 90 days of receipt of certificate of occupancy.       Door Not Door Not Not Observable Not Applicable       Iccation on plans/spec: M-001         Additional Comments/Assumptions:       Additional Comments/Assumptions:
Non         Mechanical Rough-In Inspection         Complies?         Comments/Assumptions           4.4         Hydronic systems greater than 300,000 Bice section language for full details.         Complies         Exception: Dedicated equipment circulation pumps where configured in primary/secondary design to provide the configured in primary/secondary design to provide the intro proper operation of equipment.           3.4         System turndown requirement met requirement will be met.         Complies         Exception: Dedicated equipment.         Caction on plans/spec: M-002           3.4         System turndown requirement met requirement will be met.         Cocomplies         Cocomplies           0.00 MBUM and S Bulkurh has 3.1 turndown ratio, bailer input bass 4:1 burndown ratio, bailer input	Section         Final Inspection         Comples?         Comments/Assumptions           C303.2         Fundihed GM manuals for HVAC (2408.2.5)         Systems with 90 days of system acceptance         Comples         Requirement will be met.           [178])         Code SA         Code SA         Code SA         Code SA           [178])         Code SA         Code SA         Code SA         Code SA           [178])         Code SA         Code SA         Code SA         Code SA           [178])         Code SA         Code SA         Code SA         Code SA           [172]1         Code SA         Code SA         Code SA         Code SA           [172]1         Code SA         Code SA         Code SA         Code SA           [172]1         Code SA         Code SA         Code SA         Code SA           [173]1         Thermostatic Controls have a 5 'f         Comples Reservable         Code SA         Code SA           [173]1         Thermostatic Controls Setback to 55*         Code SA         Code SA         Code SA           [174]1         Controls Using automatic time Cock or SA         Code SA         Code SA         Code SA           [174]1         Code SA         Code SA         Code SA         Code SA         Co	Section # Req.10       Final Inspection       Complies?       Comments/Assumptions         4       C408.2.5       Final commissioning report due to building work within 90 days of receipt of certificate of occupancy.       Complies?       Requirement will be met.         Does Not       Does Not       Does Not       Location on plans/spec: M-001         Not Observable       Location on plans/spec: M-001       Not Applicable
Ion         Mechanical Rough-In Inspection         Complies         Comments/Assumptions           44         Hydronic systems greater than         Complies         Configured In primary/secondary design to provide the configured In primary/secondary design to private the configured Interval Transference Transference Interval Transference Transtransfere Transference Transferenconfigured Interval Transferen	Section         Final Inspection         Complex7         Comments/Assumptions           C303.2         Furnished GAM manuals for HVAC G408.2.5         Complex7         Requirement will be met.           G408.2.5         Gastance         Complex8         Requirement will be met.           G408.2.5         Gastance         Complex8         Requirement will be met.           G408.2.5         Gastance         Complex8         Requirement will be met.           G408.2.6         Complex8         Requirement will be met.         Complex8           G408.2.6         Thermostatic controls have a 5 *F         Complex8         Control on plans/spec: H-002           G408.2.4.1         Temperature controls have as 5 *F         Complex8         Control on plans/spec: H-002           G408.2.4.2.4         Temperature controls have as 5 *F         Complex8         Complex8           G408.2.4.4         Complex8         Complex8         Requirement will be met.           G408.2.4.4         Complex8         Complex8         Requirement will be met	Section # 6 Req.10       Final commissioning report due to building owner within 90 days of (F130)1       Complies? (Does Not (Not Observable)       Requirement will be met.         Additional Comments/Assumptions:
Ion         Mechanical Rough-In Inspection         Complies         Comments/Assumptions           4.1         Hydronic systems greater than Bit 30,000 Buyh designed for variable fluid flox. See section language for full definition and see section ingle aspect to provide the minimum flow requirements of the equipment mundacturer for proper operation of equipment.         Exception: Deficit equipment.           3.4         System turndown requirement met combination of single-ippit and between 10 of single-ippit equipment mail-acturer for proper operation of equipment.         Requirement will be met.           100 Observable between 10 of Bits/hp and 3 MBuyh has 51 turndown ratio. Dieler input asturnatic control Bht shut off the heating systems in the eventual with heats ing systems re- controlled by a thermost in the eventual with heats ing systems re- controlled by a thermost in the eventual with heating systems re- controlled by a thermost in the eventual with heating struct error heating systems re- condensers not located in a condensers not located in a provide systems re- condensers not located in a condensers not located in a con	Section         Final Inspection         Comples         Comments/Assumptions           6 Req.10         Constitue         Comples         Requirement will be met.           6 Req.10         Constitue         Comples         Requirement will be met.           6 Req.11         Constitue         Constitue         Requirement will be met.           6 Req.12         HVXC systems and equipment (FB2)1         Comples         Requirement will be met.           6 Req.12         HVXC systems and equipment (FB2)1         Comples         Requirement will be met.           6 Req.12         Constance         Comples         Requirement will be met.           6 Req.12         Constance         Requirement will be met.         Constance           6 Req.12         Constance         Requirement will be met.         Constance           6 Req.12         Constance         Constance         Requirement will be met.           6 Req.12         Constance         Constance         Requirement will be met.           7 Req.12         Constance         Constance         Constance           7 Req.12         Constance         Constance         Constance           8 Req.12         Constance         Constance         Constance           1 Req.12         Constance         Con	Section         Final Inspection         Complies?         Comments/Assumption           C408.2.3.         Final commissioning report due to building our tithin 90 days of receipt of certificate of accupancy.         Complies Not Dees Not Met Observable         Cation on plans/spec: M-001           Additional Comments/Assumptions:         Met Observable         Cation on plans/spec: M-001
Ion 1         Mechanical Rough-In Inspection         Complies         Comments/Assumptions           4.1         Hydronic systems greater than 1000,000 Bitu/h designed for variable 1000 Applicable         Complies 1000 Comparison of equipment includence for proper operation of equipment includence includence operation of equipment includence for proper operation of equipment includence includence operation operation operation operation operation operation includence operation o	Section         Final Inspection         Complets?         Comments/Assumptions           C303.2.1         Fullement will be met.         Does Not         Provide and the met.         Does Not           C403.2.2         FVAC systems and equipment         Complets         Requirement will be met.         Does Not           C403.2.1         Complets         Complets         Requirement will be met.         Does Not           C403.2.1         Thermostatic controls have a 5 °F         Complets         Requirement will be met.           C403.2.4         Thermostatic controls have a 5 °F         Complets         Requirement will be met.           C403.2.4         Thermostatic controls have a 5 °F         Complets         Requirement will be met.           C403.2.4         Thermostatic controls have a 5 °F         Does Not         Provide Thermostatic controls have a 5 °F         Does Not           C403.2.4         Thermostatic controls have a 5 °F         Does Not         Provide Thermostatic Controls         Does Not           C403.2.4         Automatic Controls astrong on the control system.         Does Not         Does Not         Requirement will be met.           C403.2.4         Automatic Controls astrong Static costs         Does Not         Does Not         Does Not           C403.2.4         Automatic Controls astrot costs         Do	Section         Final Inspection         Complies?         Comments/Assump           4           Complies?         Requirement will be met.            1              Location on plans/spec: M-001
ection Req.UD       Mechanical Rough-In Inspection       Complies Complies Does Not Does	Section         Final Inspection         Complex           C003.3. (2003.5. (2003.5. (2003.5.) (2003.5. (2003.5.) (2003.5. (2003.5.) (2003.5. (2003.5.) (2003.5	Section       Final Inspection       Complies?       Comments/Assumptions         G400.1       bioling owner within 90 days of (FI30)       Complex Nat       Becaviore ment will be met.         Jose Nat       Does Nat       Becaviore ment will be met.       Section on plans/spec: M-001         Additional Comments/Assumptions:       Nat Applicable       Section on plans/spec: M-001         Additional Comments/Assumptions:       Nat Applicable       Section on plans/spec: M-001         I   High Impact (Tier 1)       2 Medium Impact (Tier 2)       1 Low Impact (Tier 3)         Project Title:       NHS Extension Boller Replacement       Replacement       Replacement

1	fluid flow. See section language for full details.	□Not Observa □Not Applical
03.3.4 E107] <sup>3</sup>	System turndown requirement met through multiple single-input boilers, one or more modulating boilers, or a combination of single-input and modulating boilers. Boiler input between 1.0 MBtu/h and 5 MBtu/h has 3:1 turndown ratio, boiler input between 5.0 MBtu/h and 10 MBtu/h has 4:1 turndown ratio, boiler input > 10.0 MBtu/h has 5:1 turndown ratio.	Complies Does Not Not Observa
03.4.1. E63] <sup>2</sup>	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint >= 80F.	□Complies □Does Not □Not Observa □Not Applicał
08.2.2. E53] <sup>3</sup>	Air outlets and zone terminal devices have means for air balancing.	□Complies □Does Not □Not Observa □Not Applical
03.5, 03.5.1, 03.5.2 E123] <sup>3</sup>	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2	Complies Does Not Not Observe Not Applicat
ditiona	al Comments/Assumptions:	

	1 High Impact (Tier 1)	2	Medium In
tlar	NRUE Extension Boiler Deplesement		
ue:	NKRS EXtension boller Replacement		

| fective panel surfaces of  
   
  | frective papel surfaces of Complies       Exception: Requirement does not apply.         R-3.5.       Not Observable         Not Observable       Exception: Requirement does not apply.         Chanical ventilation is contance with the provided observable       Exception: Requirement does not apply.         Ot 2 and >23       Does Not         Not Observable       Exception: Requirement does not apply.         Ot 2 and >23       Does Not         Not Observable       Exception: Requirement does not apply.         Not Observable       Not Observable         Not Observable       Exception: Requirement does not apply.         Ing garage ventilation contantiation provided Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Security mutation fige sections is contantiation fige sections is contantiatis fige sections is contantiation fige sections is conta   
   
   
   | frective panels aurdaces of Comples       Exception: Requirement does not apply.         R-3.5.       Not Observable         Not Observable       Not Observable         Not Observable       Comples         Totalant hat system       Comples         an occupancy sensing       Comples         resultation provided       Comples         Does Not       Exception: Requirement does not apply.         chanical ventilation ns       Comples         Does Not       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Sectorial Control (Comples)       Comples         Control (Comples)       Comples         Control (Comples)       Comples         Sectorial (Control (Comples)       Exception: Requirement does not apply.         Not Observable       Not Observable         Introl, or design airflow       Not Observable         Sectorial questroom is manage tempset on the poly.       Control (Comples)         Sectorial questroom is manage tempset on the poly.       Control (Comples)         Sectorial questroom is manage tempset on the poly (Comples)       Comples)   
  | ffective panels survees of Comples [Resplicable]           Exception: Requirement does not apply.             FR3.5.          Not Observable           Exception: Requirement does not apply.             heat outside the building Comples an occupancy sensing and provided [Ocmples Sensing To worthalton has complex books not apply.             Complex Sensity Complex Sensity and the sensity of the sensis of the senset of the senset of the sensity of the sens   
   | frecture ganel surfaces of<br>[r4:3.       Comples<br>[Does Not<br>[r4:3.       Exception: Requirement does not apply.         frests       Does Not<br>[r4:3.       Comples<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Exception: Requirement does not apply.         in declargers       Does Not<br>[r4:3.       Does Not<br>[r4:3.         in grange writiation<br>[reg writiation<br>[reg writiation<br>[reg writiation<br>[reg writhat<br>[reg writiation<br>[reg writiation<br>[reg writiation<br>[r  | Fector Longeles<br>R-3.5.       Exception: Requirement does not apply.         Does Not<br>R-3.5.       Does Not<br>Does Not<br>D | Ferture panels surfaces of<br>R-3.5.       Comples<br>Does Not<br>Does Not<br>Not Does Not<br>Does Not<br>Does Not<br>Not Does Not<br>Not Doe   
   | flexture ganels surfaces of<br>R=3.5.       Complies<br>Dots Applicable       Exception: Requirement does not apply.         heat outside the building<br>Complies<br>and with the systems<br>in a within       Complies<br>Does Not<br>Does Not<br>Surface within<br>Surface within the<br>controls within the<br>surface within the<br>controls within the<br>surface within the<br>controls within the<br>surface within the<br>surface within the<br>controls within the<br>surface within the<br>surface within the<br>controls within the<br>surface within the<br>surface within the<br>surface within the<br>surface within the<br>surface within the<br>controls within the<br>surface within the surface within<br>the constall than the<br>surface within the surface within the<br>surface within the surface within the<br>surface within the surface within the<br>surface within the<br>surface within the surface within the<br>surface within the surface within the<br>surface within the<br>surface within the surface within the<br>surface within the<br>surface within the<br>surface within the<br>surface with  
  | Energy panels surfaces of<br>R > 5.         Complex<br>Does Not<br>Not Observable         Exception: Requirement does not apply.           Instant heat system<br>with an instant heat system<br>of which         Complex<br>Does Not<br>Does Not<br>Doe  | Exception: Requirement does not apply.       Exception: Requirement does not apply.         Inter Applicable       Exception: Requirement does not apply. <t< th=""><th>Exception:         Requirement does not apply.           M-3.3.         Complete<br/>Does NA<br/>Does NA<br/>Do</th><th>Exception:         Requirement does not apply.           Construction:         Does Not           Does Not         Does Not           Does Not&lt;</th><th>Rough-In Inspection</th><th>Complies?</th><th>Comments/Assumptions</th></t<> | Exception:         Requirement does not apply.           M-3.3.         Complete<br>Does NA<br>Does NA<br>Do | Exception:         Requirement does not apply.           Construction:         Does Not           Does Not         Does Not           Does Not<   
  | Rough-In Inspection   | Complies?  | Comments/Assumptions   |
---
--
--
--
--
--
--
--
---|---|---
--
---
--
---
---|---
--|---|--|--|
| Invit Applicable       Exception: Requirement does not apply.         Invit Applicable       Invit Applicable         Invit Applicable       Exception: Requirement does not apply.         Invit Applicable       Invit Applicable         Invit Mapplicable       Invit Observable         Invit Mapplicable       Invit Applicable         Invit Mapplicable       Invit Applicable         Invit Mapplicable       Invit Applicable         Invit Mapplicable       Invit Applicable         Invit Mapplicable   
   
  | Inter Applicable     Inte  
   
   | Interstand       Deck Applicable         Interstand       Comples         Interstand       Comples </td <td>Interstand       Exception: Requirement does not apply.         Interstand       Complies         Security:       Complies         Interstand       Complies         Interstand       Complies         Exception: Requirement does not apply.         Inters</td> <td>Intervention       Exception: Requirement does not apply.         Intervention       Complies         &lt;</td> <td>inter a conduction intervention of the complex interventinterventintervention of the complex intervention of the com</td> <td>Disk Applicable       Disk Applicable         Disk Applicable       Domplies         Disk Appli</td> <td>Bit Repetition       Exception: Requirement does not apply.         Description       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Requirement does not apply.         Description:       Description:</td> <td>Inter statistication         Inter statistication</td> <td>International         International         Intene         Intern</td> <td>Initial Application       Exception: Requirement does not apply.         Initial Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial
Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial Application       Complex&lt;</td> <td>Image to apply in a point of the second apply in a company second</td> <td>fective panel surfaces of<br/>ng panels have<br/>R-3.5.</td> <td>Complies<br/>Does Not</td> <td>Exception: Requirement does not apply.</td>   | Interstand       Exception: Requirement does not apply.         Interstand       Complies         Security:       Complies         Interstand       Complies         Interstand       Complies         Exception: Requirement does not apply.         Inters  
  | Intervention       Exception: Requirement does not apply.         Intervention       Complies         <   | inter a conduction intervention of the complex interventinterventintervention of the complex intervention of the com  | Disk Applicable       Disk Applicable         Disk Applicable       Domplies         Disk Appli  
   | Bit Repetition       Exception: Requirement does not apply.         Description       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Exception: Requirement does not apply.         Description:       Description:         Description:       Requirement does not apply.         Description:       Description:   
   | Inter statistication  | International         Intene         Intern                 
   | Initial Application       Exception: Requirement does not apply.         Initial Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial Application       Complex         Initial Application       Exception: Requirement does not apply.         Initial Application       Complex<  | Image to apply in a point of the second apply in a company second  | fective panel surfaces of<br>ng panels have<br>R-3.5.   | Complies<br>Does Not   | Exception: Requirement does not apply.   |
| heat outside the building       Complies       Exception: Requirement does not apply.         in occupancy sensing       Not Observable         in occupant density and<br>into anothalistic in its<br>contain method in the sensity and<br>into a modular instruct<br>into a modular instruct<br>into anothalistic in the sensity and<br>into anothalistic into anothalistic<br>into anothalistinto anothalistic<br>into anothalistic into anot   
   
   | heat outside the building   
   
  | heat outside the building       Comples       Exception: Requirement does not apply.         And Cobservable       Not Observable         And Codafioned       Comples         Exception: Requirement does not apply.       Does Not         And Codafioned <td< td=""><td>heat outside the building       Complies       Exception: Requirement does not apply.         Not Observable       Not Applicable         Schankal
ventilation is       Complies         Cordrance with       Does Not         Methonical Code       Not Applicable         Schankal ventilation is       Complies         Does Not       Does Not         And a &gt;23       Complies         Does Not       Does Not         Does Not       Does Not         Does Not       Does Not         Introduction       Does Not         Does Not       Does Not         Schang and Package       Exception: Requirement does not apply.         Does Not       Does Not         Introduction       Does Not         Schang and Package       Exception: Requirement does not apply.         Does Not       Does Not         Schang and Condition Is and conditional Is and conditis</td><td>heat outside the building       Comples       Exception: Requirement does not apply.         Image: Comples or which       Comples Occupation       Exception: Requirement does not apply.         Image: Comples or which or the complex or the comple</td><td>beat outside the building       Comples       Exception: Requirement does not apply.         Interpretation is conducted with the building of the building of the building of the building outside the building</td><td>align cape of the second of</td><td>best outliding       Complies       Brequirement does not apply.         main       Mot Observable       Not Observable         chanical vertilition is conduct with does not apply.       Does Not       Does Not         chanical vertilition is conduct with does not apply.       Does Not       Does Not         with Diese apply.       Not Observable       Exception: Requirement does not apply.         with Diese apply.       Not Observable       Not Observable         Statistical is conducting outside influence       Not Observable       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing faile Ca33.7.411       Does Not       Exception: Requirement does not apply.         21       Complies       Exception: Requirement doe</td><td>best of table the building<br/>Order.       Comples<br/>Not Observable       Exception: Requirement does not apply.         best of table vertilation is<br/>contained with<br/>down of table vertilation is<br/>contained with<br/>and order vertilation is<br/>contained with<br/>and order vertilation is<br/>contained with<br/>and order vertilation<br/>of table vertilation provided<br/>down of table vertilation<br/>of table vertilation provided<br/>down of table vertilation<br/>provided with and order vertilation<br/>of table vertilation<br/>of table vertilation provided<br/>down of table vertilation<br/>of table ver</td><td>best outliding Complies       Does Not         match bad system       Does Not         bad system       Does Not         chained vertilistion is complies       Exception: Requirement does not apply.         of attinutory system       Does Not         chained vertilistion is complies       Exception: Requirement does not apply.         does not in individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply.         does not individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply.         does not individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply.     <td>beta duiliding Complies       Does Not         Mot Observable       Does Not         movich       Does Not         Complies       Does Not         Does Not       Does Not         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Applicable         Does Not       Does Not</td><td>each outside the building         Complex         Exception: Requirement does not apply.           * writig         Does Not         Does Not           * writig         Does Not<td></td><td></td><td></td></td></td></td<> | heat outside the building       Complies       Exception: Requirement does not apply.         Not Observable       Not Applicable         Schankal ventilation is       Complies         Cordrance with       Does Not         Methonical Code       Not Applicable         Schankal ventilation is       Complies         Does Not       Does Not         And a >23       Complies         Does Not       Does Not         Does Not       Does Not         Does Not       Does Not         Introduction       Does Not         Does Not       Does Not         Schang and Package       Exception: Requirement does not apply.         Does Not       Does Not         Introduction       Does Not         Schang and Package       Exception: Requirement does not apply.         Does Not       Does Not         Schang and Condition Is and conditional Is and conditis  
  | heat outside the building       Comples       Exception: Requirement does not apply.         Image: Comples or which       Comples Occupation       Exception: Requirement does not apply.         Image: Comples or which or the complex or the comple   | beat outside the building       Comples       Exception: Requirement does not apply.         Interpretation is conducted with the building of the building of the building of the building outside the building   | align cape of the second of  
  | best outliding       Complies       Brequirement does not apply.         main       Mot Observable       Not Observable         chanical vertilition is conduct with does not apply.       Does Not       Does Not         chanical vertilition is conduct with does not apply.       Does Not       Does Not         with Diese apply.       Not Observable       Exception: Requirement does not apply.         with Diese apply.       Not Observable       Not Observable         Statistical is conducting outside influence       Not Observable       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing garage vertilation outside influence       Complies       Exception: Requirement does not apply.         ing faile Ca33.7.411       Does Not       Exception: Requirement does not apply.         21       Complies       Exception: Requirement doe  
   | best of table the building<br>Order.       Comples<br>Not Observable       Exception: Requirement does not apply.         best of table vertilation is<br>contained with<br>down of table vertilation is<br>contained with<br>and order vertilation is<br>contained with<br>and order vertilation is<br>contained with<br>and order vertilation<br>of table vertilation provided<br>down of table vertilation<br>of table vertilation provided<br>down of table vertilation<br>provided with and order vertilation<br>of table vertilation<br>of table vertilation provided<br>down of table vertilation<br>of table ver  
   | best outliding Complies       Does Not         match bad system       Does Not         bad system       Does Not         chained vertilistion is complies       Exception: Requirement does not apply.         of attinutory system       Does Not         chained vertilistion is complies       Exception: Requirement does not apply.         does not in individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply.         does not individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply.         does not individue outprice       Does Not         does not individue outprice       Exception: Requirement does not apply. <td>beta duiliding Complies       Does Not         Mot Observable       Does Not         movich       Does Not         Complies       Does Not         Does Not       Does Not         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Applicable         Does Not       Does Not</td> <td>each outside the building         Complex         Exception: Requirement does not apply.           * writig         Does Not         Does Not           * writig         Does Not<td></td><td></td><td></td></td>  | beta duiliding Complies       Does Not         Mot Observable       Does Not         movich       Does Not         Complies       Does Not         Does Not       Does Not         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Applicable         Does Not       Does Not  | each outside the building         Complex         Exception: Requirement does not apply.           * writig         Does Not         Does Not           * writig         Does Not <td></td> <td></td> <td></td>  |   |  |  |
| an accupancy sensing bot Observable and comples exercises with the chanical ventilation is contained ventilation apply. Does Not Deservable and the control of the chanical ventilation is contained ventilation contained ventilation is contained ventilation (see sections) is control that applicable into the Applicable inthe Applicab   
   
  | an occupancy sensing<br>r switch.<br>Not Applicable<br>dechanical ventilation is<br>cordance with<br>webchanical Code<br>webchanical   
   
   | an occupancy'sensing bot Observable hot Applicable  
   
   | an occupancy sensing with the Does Not Not Applicable been with the Does Not Does Not Does Not Does Not Does Not Does Not Commiss Does Not Does Not Commiss Does Not   | an occupancy sensing biol Observable biol Applicable biol Appl  | an accuracy sensing with Cobservable constraints and constraints of the
Applicable constraints o  | an accupancy'sensing an accupancy'sensing back Applicable bac  
  | an accupancy sensing<br>an accupancy sensing<br>bits of Desarrable<br>chanical verification is<br>constrained were<br>bits of Defaults of the<br>effect of accupancy sensing<br>and the Desarrable<br>bits of Defaults of Desarrable<br>bits of  | an accupancy sensing<br>protections<br>between the sensitive of the sensitive   
   | an accupancy Sensing<br>biot Observable<br>Chancial ventilation is<br>contained ventilation<br>ing garage ventilation<br>contained ventilation<br>ing garage ventilation<br>ing fable (Pd3)<br>ing fable   | an accuracy sensing<br>rawktch. Unit and the sensitivity of the observable<br>Chankel userlistion is<br>Screatare with<br>Mechanical Code<br>chankel userlistion is<br>Correlation of the sensitivity of the observable<br>Direc Observable<br>Correlation of the sensitivity of the observable<br>Correlation of the sens  | n cocupancy sensing<br>exist.       Bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Opervalue<br>exist.       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Applicable       Bit o Opervalue<br>exist.       Exception: Requirement does not apply.         bit o Applicable       Bit opervalue<br>exist.       Exception: Requirement does not apply.         bit o Applicable       Bit opervalue<br>exist.       Exception: Requirement does not apply. <td>neat outside the building adiant heat systems</td> <td>Complies</td> <td>Exception: Requirement does not apply.</td>  | neat outside the building adiant heat systems   
   | Complies   | Exception: Requirement does not apply.   |
| Instruct vertiliation is<br>cordance with<br>Mechanical code<br>theraical code<br>whethanical Code<br>theraical vertiliation is<br>00 fb2 and >25<br>00 fb2 and >  
   
  | Int Applicable       Exception: Requirement does not apply.         Chanical ventilation has<br>duce outdoor a supply       Complies<br>Not Applicable       Exception: Requirement does not apply.         Image the set of the s   
   
   | Linkt Applicable       Exception: Requirement does not apply.         Contract eventh       Does Not         Mechanical Code       Complies         Not Applicable       Does Not         Mot Applicable       Does Not         Serving Questions       Complies         Serving Questions       Does Not         Not Applicable       Does Not         Serving Questions       Does Not         Schage or motivate<br>(diags with > 50       Does Not         Does Not       Does Not         Sch Questions       Does Not         Does Not       Does Not         Does Not       Does Not         Does Not       Complies         Does Not       Does Not   
   
  | LiNot Applicable       Exception: Requirement does not apply.         Mechanical ventilation incomplex       Does Not         Mechanical code       Does Not         Mechanical ventilation provided       Does Not         Mot Observable       Does Not         Does Not       Does Not         Does Not       Does Not         Does Not       Does Not         Mot Applicable       Does Not  
  | Image: Second and a second applies     Exception: Requirement does not apply.       Image: Second and applies     Exception: Requirement does not apply.       Image: Second and applies     Exception: Requirement does not apply.       Image: Second applies     Exception: Requirement does not app   | Index Applicable     Inde   |  
  |  
   | Instructure       Instructure       Instructure         Instructure       Instructure       Instructure       Instructure <tr< td=""><td>Linet Applicable       Complies         Contained vertilation ins       Complies         Discension       Discension         Discension       Discension</td><td>Links Applicable       Exception: Requirement does not apply.         Data System       Decentation apply.         Data System       Exception: Requirement does not apply.         Data System       Decentation apply.</td><td>Link Applicable         Exception: Requirement does not apply.           Link Applicable         Does Not           Link Conservable         Complies           Security and addition in a ddd         Complies           Link Conservable         Complies           Diversame         Exception: Requirement does not apply.           Diversame         Complies           Security and addition in a ddd         Complies           Diversame         Exception: Requirement does not apply.           Diversame         Diversame           Diversame         Diversame     <td>an occupancy sensing<br/>r switch.</td><td>Not Observable</td><td></td></td></tr<>   | Linet Applicable       Complies         Contained vertilation ins       Complies         Discension       Discension   
  | Links Applicable       Exception: Requirement does not apply.         Data System       Decentation apply.         Data System       Exception: Requirement does not apply.         Data System       Decentation apply.   | Link Applicable         Exception: Requirement does not apply.           Link Applicable         Does Not           Link Conservable         Complies           Security and addition in a ddd         Complies           Link Conservable         Complies           Diversame         Exception: Requirement does not apply.           Diversame         Complies           Security and addition in a ddd         Complies           Diversame         Exception: Requirement does not apply.           Diversame         Diversame           Diversame         Diversame <td>an occupancy sensing<br/>r switch.</td> <td>Not Observable</td> <td></td>   | an occupancy sensing<br>r switch.   | Not Observable   |  |
| cordance with<br>echanical Code<br>chanical ventilation has<br>dechanical code an supply<br>er IMC Chapter 4.       Complies<br>Complies<br>Does Not<br>era MC Observable<br>Not Applicable       Exception: Requirement does not apply.         ing garage ventilation<br>contaminant detection<br>os tage or modulate<br>ress of design capacity<br>instance of the support<br>os tage or modulate<br>ress of design capacity<br>instance operating<br>ach questrooms is<br>controls that<br>eray recovery on<br>ing Table C403.7.4(1)       Exception: Requirement does not apply.         ing support<br>ing support<br>controls that<br>eray recovery on<br>ing Table C403.7.4(2)       Complies<br>Complies<br>Does Not<br>Ach questrooms is<br>controls that<br>eray recovery on<br>ing Table C403.7.4(2)       Exception: Requirement does not apply.         2.0       Complies<br>Does Not<br>Ach questroom is<br>controls that<br>eray recovery on<br>ing Table C403.7.4(2)       Exception: Requirement does not apply.         2.1       Complies<br>Does Not<br>Not Observable       Exception: Requirement does not apply.         2.1       Complies<br>Does Not<br>Not Observable       Exception: Requirement does not apply.         2.1       Complies<br>Does Not<br>Not Observable       Exception: Requirement does not apply.         2.1       Complies<br>Does Not<br>Not Applicable       Exception: Requirement does not apply.         2.1       Complies<br>Does Not<br>Not Applicable       Exception: Requirement does not apply.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3) <td>cordance with<br/>dechanical Comples<br/>chanical ventilation has<br/>build could on a 25<br/>2 accupant density and<br/>on the and 25<br/>2 accupant density and<br/>dechanical ventilation<br/>error with<br/>and 25<br/>2 accupant density and<br/>dechanical ventilation<br/>of ventilation provided<br/>on the and 25<br/>2 accupant density and<br/>dechanical ventilation<br/>contaminant detection<br/>boses Not<br/>brate or modulate<br/>contaminant detection<br/>boses Not<br/>brate or modulate<br/>contaminant detection<br/>boses Not<br/>brate or modulate<br/>contaminant detection<br/>brate or modulate<br/>controls that<br/>manage temperature<br/>manage temperature<br/>ments and maximum<br/>fifetation sny pection.       Exception: Requirement does not apply.<br/>Does Not<br/>accordane with<br/>mot Applicable<br/>Not Applicable</td> <td>cordance with<br/>dechanical Comples<br/>chanical ventilation has<br/>block applicable       Implement does not apply.         whot Applicable<br/>Does Not<br/>implement does not apply.       Comples<br/>Does Not<br/>Does Not</td> <td>cordance with<br/>(echanical Cotapter 4.<br/>biot Applicable<br/>Distance outcome is upply)<br/>Distance outcome is upply<br/>Distance outcome is upply<br/>Distance outcome is upply<br/>(containing descent of the contained o</td> <td>cordance with<br/>echanical Code<br/>chanical vertilation has<br/>been apply with<br/>loces Not<br/>er MC Chapter 4.       image control of the applicable<br/>complex<br/>loces Not<br/>enswith an apply.         ing garage ventilation<br/>contaminant detection<br/>as tage or modulating<br/>outside outside and<br/>turb modulating outside<br/>turb modulation (complies<br/>tarb modulating outside<br/>turb modulating outside<br/>turb modulation (complies<br/>turb modulation) (complies<br/>turb modulating) (complies<br/>turb modulation) (complies<br/>turb m</td> <td>cordance with<br/>therahical Code<br/>chanical ventilation has<br/>been provided<br/>use modulating outside<br/>two dubiting outside<br/>two dubiting<br/>dubiting and two dubiting<br/>outside two dubiting<br/>dubiting and and two dubiting<br/>dubiting and dubiting and two dubiting<br/>dubiting and dubiting and two dubiting<br/>dubiting and dubiting and dubiting<br/>dubiting and dubiting<br/>dubiting and dubiting and dubiting<br/>dubitin</td> <td>cordance with<br/>chanical vertilation has<br/>been for the support<br/>of th</td> <td>cordance with<br/>chanical ventilation has<br/>body explained with an explore<br/>due control of a stage of the stag</td> <td>conductor with<br/>dechancial Code<br/>chancial vertilation has<br/>build code of a super-<br/>tion of vertice of the super-<br/>solution of the super-<br/>tion of vertice of the super-<br/>solution of vertice of the super-<br/>tion of vertice of the super-<br/>tice of the super-tice of t</td> <td>conductor with<br/>chancel vertifieton has<br/>chancel vertifieton<br/>contaminant detain to vertifieton<br/>cont</td> <td>conductor with<br/>exhancial version has<br/>back Applicable     increases not apply.       Does Not<br/>of VEC Tabler 4.     Comples<br/>Does Not<br/>Does Not<br/>Does</td> <td>indication within the service of th</td> <td>hanical ventilation is</td> <td>□Not Applicable</td> <td>Exception: Requirement does not apply</td> | cordance with<br>dechanical Comples<br>chanical ventilation has<br>build could on a 25<br>2 accupant density and<br>on the and 25<br>2 accupant density and<br>dechanical ventilation<br>error with<br>and 25<br>2 accupant density and<br>dechanical ventilation<br>of ventilation provided<br>on the and 25<br>2 accupant density and<br>dechanical ventilation<br>contaminant detection<br>boses Not<br>brate or modulate<br>contaminant detection<br>boses Not<br>brate or modulate<br>contaminant detection<br>boses Not<br>brate or modulate<br>contaminant detection<br>brate or modulate<br>controls that<br>manage temperature<br>manage temperature<br>ments and maximum<br>fifetation sny pection.       Exception: Requirement does not apply.<br>Does Not<br>accordane with<br>mot Applicable<br>Not Applicable  
   
  | cordance with<br>dechanical Comples<br>chanical ventilation has<br>block applicable       Implement does not apply.         whot Applicable<br>Does Not<br>implement does not apply.       Comples<br>Does Not<br>Does Not   
   | cordance with<br>(echanical Cotapter 4.<br>biot Applicable<br>Distance outcome is upply)<br>Distance outcome is upply<br>Distance outcome is upply<br>Distance
outcome is upply<br>(containing descent of the contained o  | cordance with<br>echanical Code<br>chanical vertilation has<br>been apply with<br>loces Not<br>er MC Chapter 4.       image control of the applicable<br>complex<br>loces Not<br>enswith an apply.         ing garage ventilation<br>contaminant detection<br>as tage or modulating<br>outside outside and<br>turb modulating outside<br>turb modulation (complies<br>tarb modulating outside<br>turb modulating outside<br>turb modulation (complies<br>turb modulation) (complies<br>turb modulating) (complies<br>turb modulation) (complies<br>turb m  | cordance with<br>therahical Code<br>chanical ventilation has<br>been provided<br>use modulating outside<br>two dubiting outside<br>two dubiting<br>dubiting and two dubiting<br>outside two dubiting<br>dubiting and and two dubiting<br>dubiting and dubiting and two dubiting<br>dubiting and dubiting and two dubiting<br>dubiting and dubiting and dubiting<br>dubiting and dubiting<br>dubiting and dubiting and dubiting<br>dubitin   
   | cordance with<br>chanical vertilation has<br>been for the support<br>of th  
   | cordance with<br>chanical ventilation has<br>body explained with an explore<br>due control of a stage of the stag   | conductor with<br>dechancial Code<br>chancial vertilation has<br>build code of a super-<br>tion of vertice of the super-<br>solution of the super-<br>tion of vertice of the super-<br>solution of vertice of the super-<br>tion of vertice of the super-<br>tice of the super-tice of t  
   | conductor with<br>chancel vertifieton has<br>chancel vertifieton<br>contaminant detain to vertifieton<br>cont   | conductor with<br>exhancial version has<br>back Applicable     increases not apply.       Does Not<br>of VEC Tabler 4.     Comples<br>Does Not<br>Does  | indication within the service of th  | hanical ventilation is  | □Not Applicable  | Exception: Requirement does not apply  |
| chanical ventilation has<br>deuce outdoor is supply       Not Applicable         of Chapter 4.       Complies         Does Not       Does Not         In or oventilation outside<br>throw or design airflow       Complies         In or observable<br>rest of design capacity.       Does Not         In or observable<br>is serving guestrooms in<br>contaminant detection<br>is otage or modulate<br>is serving guestrooms in<br>controls that<br>manage temperature<br>rentilation (see sections)       Exception: Requirement does not apply.         Idings with > 50       Does Not         Ing Table C403.7.4(1)       Does Not         Ing the previously co  
   
  | chanical verification has<br>effect coutor arisyppy       Not Observable         overification provided<br>00 ft2 and >25       Complies         ing garage verification description:       Requirement does not apply.         ing soft > 50       Does Not         ing soft > 50       Does Not         ing soft > 50       Does Not         ing soft > 50       Complies         ing soft > 50       Does Not         ing soft > 50       Does Not         ing soft > 50       Does Not         ing soft > 60       Complies         is systems comply with<br>if calo in any event       Complies         ing soft > 60       Complies         ing soft > 60       Not Observable         Not Ob   
   
  | Chantcal ventilation has<br>deduce outdoor is supply<br>of ventilation provided<br>00 ft2 and >25<br>20
ccupant density and<br>terms with air side<br>Does Not<br>Exception: Requirement does not apply.       Exception: Requirement does not apply.         Ind Applicable<br>Not Applicable       Exception: Requirement does not apply.         Ind garage ventilation<br>results of design capacity.<br>Intel Applicable       Exception: Requirement does not apply.         Serving usestrooms is<br>controls that<br>manage temperature<br>mentation face sections.<br>Intel Applicable       Exception: Requirement does not apply.         Intel Applicable<br>mentation face sections.<br>Intel Applicable       Exception: Requirement does not apply.         Intel Applicable<br>mentation face sections.<br>Intel Applicable       Exception: Requirement does not apply.         Intel Applicable<br>mentation and maximum<br>itrena.       Complies<br>Intel Applicable       Exception: Requirement does not apply.         Intel Applicable<br>set systems comply with<br>Complies<br>accordance with<br>Applicable       Exception: Requirement does not apply.         Intel Applicable<br>ments and maximum<br>itrena.       Complies<br>Intel Applicable       Exception: Requirement does not apply.         Intel Applicable<br>accordance with<br>Applicable       Does Not<br>Intel Applicable       Exception: Requirement does not apply.         Interna inspection       Complies<br>Intel Applicable       Exception: Requirement does not apply.         Interna inspection       Complies<br>Intel Applicable       Exception: Requirement will be met.         Interna interna  
   | Chanta ventilation has<br>effective outdoor is supply<br>of ventilation provided<br>00 ft2 and >25<br>20 ccupant density and<br>box days and residual<br>terms with air side<br>00 rest and set of the observable<br>inter of design capacity.<br>In design afflow<br>in garage ventilation<br>containing disce<br>rest and rest of design capacity.<br>In design afflow<br>in garage ventilation<br>controls that<br>ing garage ventilation<br>ing garage ventilation<br>controls that<br>ing garage ventilation<br>ing garage v   
  | Channel vertifiation has<br>deduce outdoor is supply<br>of the day 25       Ind Applicable         Out we thilation provided<br>of the day 25       Complies<br>in or operating<br>of the day 25       Exception: Requirement does not apply.         Ing garage vertifietion<br>ing garage vertifietion<br>contaminant detection<br>or stage or modulate<br>on the day networks<br>of design artiflow<br>ing garage vertifietion<br>contaminant detection<br>ing garage vertifietion<br>ing garage vertifietion<br>contaminant detection<br>or stage or modulate<br>on the day networks<br>of design artiflow<br>integ garage vertifietion<br>controls that<br>manage temperature<br>entitiation (see sections)<br>controls (see sections)<br>control (see sections)<br>controls (see sect  | Chanical ventilation has<br>dude outdoor asyptiv<br>er MC Chapter 4.       Mot Observable<br>Does Not         O R2 and >25<br>2 accupant density and<br>work outdoining outdoor<br>contaminant detection<br>as stage or moduluting outdoor<br>contaminant detection<br>as stage or moduluting<br>controls that<br>manage temperature<br>emittation (see sections<br>of 4033.62).       Exception: Requirement does not apply.         Does Not<br>and puestrom is<br>controls that<br>manage temperature<br>emittation (see sections<br>of 4033.62).       Exception: Requirement does not apply.         Does Not<br>as dage or moduluting<br>controls that<br>manage temperature<br>emittation (see sections<br>of 4033.62).       Exception: Requirement does not apply.         Does Not<br>as dage or moduluting<br>controls that<br>manage temperature<br>emittation (see sections<br>of 4033.62).       Exception: Requirement does not apply.         Does Not<br>as dage or moduluting<br>controls that<br>manage temperature<br>emittation (see sections<br>of 4033.62).       Exception: Requirement does not apply.         Not Observable<br>manage temperature<br>emittation in spection.       Complies<br>(Sception: Requirement does not apply.         Not Observable<br>manage temperature<br>emittation in spection.       Exception: Requirement does not apply.         Not Observable<br>manage temperature<br>work and principale<br>as doed on inspection.       Exception: Requirement will be met.         Operator with<br>in docordare with<br>in that on mittatiged or<br>mrer.       Exception: Requirement will be met.         Does Not<br>mated are inflated or social shat<br>in the base nutitating or<br>mrer.       Exception: an oplans/spec: M-002         I high impact (Tier 1)       2   | Charlies ventifies on has support       Mot Observable         er MC Chapter 4.       Comples         O rectiliation provided       Comples         O wentifiation provided       Comples         O rectiliation provided       Comples         O rectiliation and decidence       Exception: Requirement does not apply.         Ing garage ventilation       Comples         Serving questrooms in       Comples         Issuer of questrooms in       Comples         Serving questrooms in       Comples         Constraint decidence       Does Not         On Stage or moduling outside       Not Observable         Not Observable       Not Observable         Contraint decidence       Does Not         Onto a stage or moduling       Does Not         Onto a stage or moduling       Does Not         Contraint and decidence       Does Not         Contraint and decidence       Does Not         Stage or moduling       Does Not         Internet       Comples         Stage or moduling       Does Not         Intenence       Comples  
   
  | Chancel ventilization has<br>device outdoor as supply       Mot Observable<br>complies         Exception: Requirement does not apply.         Of Zandy 2-25<br>strong with is side<br>uto modulating outside<br>trot, or design capadity.       Complies<br>Does Not<br>Does Not<br>Does Not<br>contaminant detection<br>or stage or modulating<br>outside<br>the soft design capadity.       Exception: Requirement does not apply.         Ing garage ventilation<br>contaminant detection<br>or stage or modulating<br>outside of modulati   | Chancel ventilation has<br>body couldor as upport<br>of Mice Chapter 4.       Mice Subprovision<br>Complex         O H2 and >28<br>body with a side<br>of a design capacity.       Complex<br>Does Not<br>body Applicable       Exception: Requirement does not apply.         Ing garage ventilation<br>contaminant detection<br>of a design capacity.       Complex<br>Does Not<br>body Applicable       Exception: Requirement does not apply.         Ing garage ventilation<br>contaminant detection<br>of a guestron in<br>all dust deta<br>conditioned<br>iterations, and satisfy hood<br>metria.       Exception: Requirement does not apply.         Image to in<br>all guestron in<br>all field of the sectors<br>of deal 11 and<br>accordance with<br>fiftcation may need to<br>conduction in<br>the constron constraint in<br>the  
   | ChainCail verticities on tags       Mott Observable         er MCC Chapter 4.       Complies         Does Not       Exception: Requirement does not apply.         Image and the state of the stat  | character vertifiation hase<br>provided       Dotto Observable<br>Doces Not       Exception: Requirement does not apply.         character vertifiation<br>provided       Doces Not       Exception: Requirement does not apply.         Diet Applicable       Doces Not         Diet Applicable       Exception: Requirement does not apply.         Diet Applicable       Doces Not         Diet Applicable       Exception: Requirement does not apply.         Diet Applicable       Doces Not         Diet Observable       Doces Not         Diet Applicable       Doces Not  | handcal verifiation has       bit O Observable         vinitation provided       Complex         y verifiation provided       Door Applicable         Door Applicable       Exception: Requirement does not apply.         or containant density and<br>provided provided       Door Applicable         Door Applicable       Exception: Requirement does not apply.         stage or mubulation<br>(of design and the complex)       Exception: Requirement does not apply.         stage or mubulation<br>(of design and the complex)       Exception: Requirement does not apply.         stage or mubulation<br>(of design and the complex)       Exception: Requirement does not apply.         in opplicable       Door Applicable         Exception: Requirement does not apply.       Door Applicable         In opplicable       Exception: Requirement does not apply.         In opplicable       Door box wate<br>(of applicable)         Exception: Requirement does not apply.       Door Applicable         In opplicable       Exception: Requirement does not apply.         In opplicable       Door box wate<br>(of applicable)         In opplicable       Exception: Requirement does not apply.         In opplicable       Door box wate<br>(of applicable)         In the opplicable       Exception: Requirement does not apply.         In opplicable       Door plan   
  | cordance with<br>Aechanical Code  | Does Not   |  |
| ol ventilation provided       Complies       Does Not         Does Not       Does Not       Exception: Requirement does not apply.         Introducting outside       Complies       Exception: Requirement does not apply.         Introducting outside       Complies       Exception: Requirement does not apply.         Introduction       Complies       Exception: Requirement does not apply.         Introduction       Complies       Exception: Requirement does not apply.         Introduction       Not Observable       Exception: Requirement does not apply.         Introduction       Oces Not       Not Observable         Introduction       Complies       Exception: Requirement does not apply.         Introduction       Complies       Exception: Requirement does not apply.         Introduction       Does Not       Not Observable         Not Observable       Not Observable       Exception: Requirement does not apply.         Introduction       Does Not       Not Observable         Intradiction may need to       Not Observable       Exception: Requirement does not apply.         Introduction       Does Not       Not Observable       Not Observable         Intradiction may need to       Not Observable       Not Observable       Not Observable         Introduction may need to  
   
  | of vertiliation provided       Complies       Exception: Requirement does not apply.         Does Not       Does Not         manufacture       Complies         particle vertiliation containinant detection       Does Not         stage or modulate complex       Not Observable         serving guestrooms in complex       Complies         serving guestrooms in controls that manage temperature ment does not apply.       Exception: Requirement does not apply.         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable       Complies         Targy recovery on modulate controls that       Complies         Statististististy hood hoot Applicable       Complies         Statististy hood hoot Applicable       Exception: Requirement does not apply.         Colorplies       Complies         Statisty hood hoot Applicable       Exception: Requirement does not apply.         Complies       Complies         Requirement will be met.       Does Not         Al Inspection       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Observable <td>of vertifiation provided       Complies         0 vertifiation provided       Complies         2 occupant density and       Not Observable         Not Observable       Not Observable         Into docupant density and       Complies         1 other of the sections       Com</td> <td>u vertifiation provided<br/>2 occupant density and<br/>model of the addition of the a</td> <td>u vertifiation provided<br/>2 occupant density and<br/>mem with air side<br/>ato modulating outside<br/>ato modulating outside<br/>ato modulating outside<br/>ato modulating outside<br/>bees of design capacity.       Exception: Requirement does not apply.         In the second of the se</td> <td>ol vertification provided<br/>0 for 2a ad &gt;25       Comples<br/>bot 2a ad &gt;25       Exception: Requirement does not apply.         of digitication<br/>or
digitication<br/>is tage or modulate<br/>less of deign capacity.       Comples<br/>boses Not<br/>boses Not<br/>capacity deign capacity.       Exception: Requirement does not apply.         if guestroom is<br/>in guestroom is<br/>range remperature<br/>entilation (see sections<br/>12 (403.7.6.2).       Comples<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>capy recovery on<br/>ng Table C405.7.4(1)       Exception: Requirement does not apply.         2.0.       Comples<br/>bose Not<br/>boses Not<br/>boses Not<br/>cacordance with<br/>ir and conditioned<br/>accordance with<br/>ind do plenume insulated in<br/>boses Not<br/>boses Not<br/>boses Not<br/>cacordance with<br/>indigitication may need to<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>boses Not<br/>cacordance with is bestons C40.3.3.1-<br/>ingle boller systems<br/>in have multistaged or<br/>merc.       Requirement will be met.<br/>boses Not<br/>boses Not</td> <td>ol vertification provided<br/>0 f2 and v23<br/>2 accupant density and<br/>ems with air air and<br/>out or design and with<br/>0 accordance with<br/>0 were observable<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br/>0 were observable       Exception: Requirement will be met.         word ob ary observable       Not Applicable<!--</td--><td>u ventilition provided<br/>(0 PC and &gt;25       Complex<br/>(0 PC and &gt;25       Exception: Requirement does not apply.         Not Observable<br/>(1 or design and provided (1 or design and provided and provided and provided (1 or design and p</td><td>u vertifiation provided<br/>2 accupant density and<br/>error with air action<br/>ato modulating outside<br/>tot modulating outside<br/>ato modulating outside<br/>ato modulating outside<br/>tot and action atomic<br/>stage or modulate<br/>less of design capacity.       Exception: Requirement does not apply.         optimized design outside<br/>ato modulate<br/>less of design capacity.       Complies<br/>Does Not<br/>act guestroom is<br/>manage temperature<br/>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br/>ato guestroom is<br/>manage temperature<br/>and patient on the second second action<br/>and guestroom is<br/>manage temperature<br/>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br/>ators, and satisfy hood<br/>outs of patience and second<br/>ators, and satisfy hood<br/>observable       Exception: Requirement does not apply.         optimized design outside<br/>ators, and satisfy hood<br/>outs of patience and second<br/>ators, and satisfy hood<br/>oos Not<br/>accordance with<br/>accordance with<br/>acc</td><td>ol ventilition provided<br/>0 of 2 and 2.52<br/>2 accupant density and<br/>investigation of the second<br/>state of modulate<br/>trol, or design airflow       Exception: Requirement does not apply.         Display the second<br/>octaminant density and<br/>investigation of the second<br/>of the second second second apply.       Exception: Requirement does not apply.         Display the second<br/>octaminant density and<br/>investigation of the second second second apply.       Exception: Requirement does not apply.         Display the second<br/>octaminant density head<br/>and second second second second second apply.       Exception: Requirement does not apply.         Display the second<br/>acting second second second second second<br/>acting second second second<br/>accordance with<br/>differion mspecto.       Exception: Requirement does not apply.         Display the second<br/>accordance with<br/>differion mspecto.       Complies<br/>Display the second<br/>accordance with<br/>differion mspecto.       Exception: Requirement does not apply.         Display the second<br/>accordance with<br/>differion mspecto.       Complies<br/>Display the second<br/>accordance with<br/>differion mspecto.       Exception: Requirement will be met.         Location on plans/spec: M-002       Display the<br/>book applicable       Exception: Second<br/>accordance with<br/>differion mspecto.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 Inspection       Complies<br/>Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Disp</td><td>al certification provided<br/>2 occupant density and<br/>mers with ar all<br/>whot Observable<br/>Comples<br/>2 occupant density and<br/>mers with ar all<br/>whot Observable<br/>2 occupant density and<br/>mers with ar all<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>1 occupant density and</td><td>u entitiation provided<br/>Corcupant density and<br/>trol, or design airdex<br/>monodulations<br/>garage ventilation<br/>garage ventilation<br/>garage ventilation<br/>constructions<br/>aserving questrooms<br/>bases not<br/>else of design capacity.<br/>Wat Observable<br/>box Applicable       Exception: Requirement does not apply.         Security of the<br/>serving questrooms<br/>on or duction<br/>of the design capacity.<br/>Does Not<br/>else of design capacity.<br/>Does Not<br/>else Not<br/>el</td><td>chanical ventilation has<br/>educe outdoor air supply<br/>er IMC Chapter 4.</td><td>□Not Observable<br/>□Not Applicable</td><td></td></td>  | of vertifiation provided       Complies         0 vertifiation provided       Complies         2 occupant density and       Not Observable         Not Observable       Not Observable         Into docupant density and       Complies         1 other of the sections       Com  
   
  | u vertifiation provided<br>2 occupant density and<br>model of the addition of the a  
  | u vertifiation provided<br>2 occupant density and<br>mem with air side<br>ato modulating outside<br>ato modulating outside<br>ato modulating outside<br>ato modulating outside<br>bees of design capacity.       Exception: Requirement does not apply.         In the second of the se   | ol vertification provided<br>0 for 2a ad >25       Comples<br>bot 2a ad >25       Exception: Requirement does not apply.         of digitication<br>or digitication<br>is tage or modulate<br>less of deign capacity.       Comples<br>boses Not<br>boses Not<br>capacity deign capacity.       Exception: Requirement does not apply.         if guestroom is<br>in guestroom is<br>range remperature<br>entilation (see sections<br>12 (403.7.6.2).       Comples<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>capy recovery on<br>ng Table C405.7.4(1)       Exception: Requirement does not apply.         2.0.       Comples<br>bose Not<br>boses Not<br>boses Not<br>cacordance with<br>ir and conditioned<br>accordance with<br>ind do plenume insulated in<br>boses Not<br>boses Not<br>boses Not<br>cacordance with<br>indigitication may need to<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>boses Not<br>cacordance with is bestons C40.3.3.1-<br>ingle boller systems<br>in have multistaged or<br>merc.       Requirement will be met.<br>boses Not<br>boses Not   | ol vertification provided<br>0 f2 and v23<br>2 accupant density and<br>ems with air air and<br>out or design and with<br>0 accordance with<br>0 were observable<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement does not apply.         intervalue       Comples<br>0 were observable       Exception: Requirement will be met.         word ob ary observable       Not Applicable </td <td>u ventilition provided<br/>(0 PC and &gt;25       Complex<br/>(0 PC and &gt;25       Exception: Requirement does not apply.         Not Observable<br/>(1 or design and provided (1 or design and provided and provided and provided (1 or design and p</td> <td>u vertifiation provided<br/>2 accupant density and<br/>error with air action<br/>ato modulating outside<br/>tot modulating outside<br/>ato modulating outside<br/>ato modulating outside<br/>tot and action atomic<br/>stage or modulate<br/>less of design capacity.       Exception: Requirement does not apply.         optimized design outside<br/>ato modulate<br/>less of design capacity.       Complies<br/>Does Not<br/>act guestroom is<br/>manage temperature<br/>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br/>ato guestroom is<br/>manage temperature<br/>and patient on the second second action<br/>and guestroom is<br/>manage temperature<br/>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br/>ators, and satisfy hood<br/>outs of patience and second<br/>ators, and satisfy hood<br/>observable       Exception: Requirement does not apply.         optimized design outside<br/>ators, and satisfy hood<br/>outs of patience and second<br/>ators, and satisfy hood<br/>oos Not<br/>accordance with<br/>accordance with<br/>acc</td> <td>ol ventilition provided<br/>0 of 2 and 2.52<br/>2 accupant density and<br/>investigation of the second<br/>state of modulate<br/>trol, or design airflow       Exception: Requirement does not apply.         Display the second<br/>octaminant density and<br/>investigation of the second<br/>of the second second second apply.       Exception: Requirement does not apply.         Display the second<br/>octaminant density and<br/>investigation of the second second second apply.       Exception: Requirement does not apply.         Display the second<br/>octaminant density head<br/>and second second second second second apply.       Exception: Requirement does not apply.         Display the second<br/>acting second second second second second<br/>acting second second second<br/>accordance with<br/>differion mspecto.       Exception: Requirement does not apply.         Display the second<br/>accordance with<br/>differion mspecto.       Complies<br/>Display the second<br/>accordance with<br/>differion mspecto.       Exception: Requirement does not apply.         Display the second<br/>accordance with<br/>differion mspecto.       Complies<br/>Display the second<br/>accordance with<br/>differion mspecto.       Exception: Requirement will be met.         Location on plans/spec: M-002       Display the<br/>book applicable       Exception: Second<br/>accordance with<br/>differion mspecto.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 Inspection       Complies<br/>Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Display the<br/>Med Disp</td> <td>al certification provided<br/>2 occupant density and<br/>mers with ar all<br/>whot Observable<br/>Comples<br/>2 occupant density and<br/>mers with ar all<br/>whot Observable<br/>2 occupant density and<br/>mers with ar all<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>whot Observable<br/>2 occupant density and<br/>1 occupant density and</td> <td>u entitiation provided<br/>Corcupant density and<br/>trol, or design airdex<br/>monodulations<br/>garage ventilation<br/>garage ventilation<br/>garage ventilation<br/>constructions<br/>aserving questrooms<br/>bases not<br/>else of design capacity.<br/>Wat Observable<br/>box Applicable       Exception: Requirement does not apply.         Security of the<br/>serving questrooms<br/>on or duction<br/>of the design capacity.<br/>Does Not<br/>else of design capacity.<br/>Does Not<br/>else Not<br/>el</td> <td>chanical ventilation has<br/>educe outdoor air supply<br/>er IMC Chapter 4.</td> <td>□Not Observable<br/>□Not Applicable</td> <td></td> | u ventilition provided<br>(0 PC and >25       Complex<br>(0 PC and >25       Exception: Requirement does not apply.         Not Observable<br>(1 or design and provided (1 or design and
provided and provided and provided (1 or design and p   | u vertifiation provided<br>2 accupant density and<br>error with air action<br>ato modulating outside<br>tot modulating outside<br>ato modulating outside<br>ato modulating outside<br>tot and action atomic<br>stage or modulate<br>less of design capacity.       Exception: Requirement does not apply.         optimized design outside<br>ato modulate<br>less of design capacity.       Complies<br>Does Not<br>act guestroom is<br>manage temperature<br>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br>ato guestroom is<br>manage temperature<br>and patient on the second second action<br>and guestroom is<br>manage temperature<br>and tables in (second).       Exception: Requirement does not apply.         optimized design outside<br>ators, and satisfy hood<br>outs of patience and second<br>ators, and satisfy hood<br>observable       Exception: Requirement does not apply.         optimized design outside<br>ators, and satisfy hood<br>outs of patience and second<br>ators, and satisfy hood<br>oos Not<br>accordance with<br>accordance with<br>acc   
  | ol ventilition provided<br>0 of 2 and 2.52<br>2 accupant density and<br>investigation of the second<br>state of modulate<br>trol, or design airflow       Exception: Requirement does not apply.         Display the second<br>octaminant density and<br>investigation of the second<br>of the second second second apply.       Exception: Requirement does not apply.         Display the second<br>octaminant density and<br>investigation of the second second second apply.       Exception: Requirement does not apply.         Display the second<br>octaminant density head<br>and second second second second second apply.       Exception: Requirement does not apply.         Display the second<br>acting second second second second second<br>acting second second second<br>accordance with<br>differion mspecto.       Exception: Requirement does not apply.         Display the second<br>accordance with<br>differion mspecto.       Complies<br>Display the second<br>accordance with<br>differion mspecto.       Exception: Requirement does not apply.         Display the second<br>accordance with<br>differion mspecto.       Complies<br>Display the second<br>accordance with<br>differion mspecto.       Exception: Requirement will be met.         Location on plans/spec: M-002       Display the<br>book applicable       Exception: Second<br>accordance with<br>differion mspecto.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 Inspection       Complies<br>Display the<br>Med Display the<br>Med Display the<br>Med Display the<br>Med Display the<br>Med Display the<br>Med Display the<br>Med Disp  | al certification provided<br>2 occupant density and<br>mers with ar all<br>whot Observable<br>Comples<br>2 occupant density and<br>mers with ar all<br>whot Observable<br>2 occupant density and<br>mers with ar all<br>2 occupant density and<br>whot Observable<br>2 occupant density and<br>whot Observable<br>2 occupant density and<br>whot Observable<br>2 occupant density and<br>1 occupant density and   | u entitiation provided<br>Corcupant density and<br>trol, or design airdex<br>monodulations<br>garage ventilation<br>garage ventilation<br>garage ventilation<br>constructions<br>aserving questrooms<br>bases not<br>else of design capacity.<br>Wat Observable<br>box Applicable       Exception: Requirement does not apply.         Security of the<br>serving questrooms<br>on or duction<br>of the design capacity.<br>Does Not<br>else of design capacity.<br>Does Not<br>else Not<br>el | chanical ventilation has<br>educe outdoor air supply<br>er IMC Chapter 4.   
   | □Not Observable<br>□Not Applicable   |  |
| 22 occupant density and<br>itrol, or design airflow       Does Not<br>Does Not         ing garage ventilation<br>contaminant detection       Complies<br>Does Not<br>Does Not       Exception: Requirement does not apply.         ing garage ventilation<br>contaminant detection       Does Not<br>Does Not       Exception: Requirement does not apply.         ing surice ventilation<br>contaminant detection       Does Not<br>Does Not       Exception: Requirement does not apply.         ing subje C403.7.6.2).       Complies<br>Does Not<br>A dpuestroom is<br>controls that<br>in and conditioned<br>d C403.7.6.2).       Exception: Requirement does not apply.         21.       Mot Observable<br>Does Not<br>Complies       Exception: Requirement does not apply.         22.       Complies<br>Does Not<br>Complies       Exception: Requirement does not apply.         23.       Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Complies<br>Does Not<br>Does Not   
   
  | 22 occupant density and<br>imms with air side<br>uto modulating outside<br>with an side density had<br>ostage or modulate<br>ostage or modulate<br>is serving guestrooms in<br>contrainant detection<br>ocntaminant detection<br>is serving guestrooms in<br>controls that<br>immanage temperature<br>empliation (see sections<br>a (403.7.4.2).       Exception: Requirement does not apply.         Immanage temperature<br>empliation (see sections<br>a (403.7.4.2).       Complies<br>in to Observable<br>in to Observable<br>in to Observable<br>in the conditioned<br>it condit<br>it condit conditioned<br>it conditioned<br>it conditioned<br>it  
   
   | 22 occupant density and<br>imms with air side<br>ware with air side<br>ostage or modulate<br>contaminant detection<br>contaminant detection<br>is stage or modulate<br>is serving guestrooms in<br>controls that<br>imms with air side<br>defugs with > 50<br>controls that<br>manage temperature<br>manage to do servable<br>Not Observable<br>Not Applicable       Exception: Requirement does not apply.         21       Complies<br>Does Not<br>accordance with<br>diffication may need to<br>oundation inspection.       Exception: Requirement does not apply.         30 lenums insulated in<br>de plenums insulated in<br>de plenums insulated in<br>diffication may need to<br>oundation inspection.       Exception: Requirement does not apply.         41 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Complies<br>Does Not<br>meth applicable       Requirement will be met.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Complies<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Solation on plans/spec: M-001       Report date: 05/30<br>Does Not<br>Does  
   
  | 22 accupant density and<br>enswith and side<br>uto modulating outside<br>or stage or modulate<br>contaminant detection<br>contaminant detection<br>os stage or modulate<br>less of design apacity.<br>Not Observable       Exception: Requirement does not apply.  
  | 22 accupant density and<br>max with arise in a structure of the servable<br>uto modulating outside<br>contaminant detection<br>o stage or modulating outside<br>into design airflow       Comples<br>Does Not<br>Does Not | 22 accupant density and<br>max with aris all of the servable<br>uto modulating outside<br>ostage or modulating<br>outside of design capacity:<br>less of de   | 22 accupant density and<br>max with ar solutions<br>uto modulating outside<br>in the original detection<br>contaminant detection<br>in garage ventilation<br>contaminant detection<br>boes Not<br>int Applicable       Exception: Requirement does not apply.         ing garage ventilation<br>contaminant detection<br>dings with > 50<br>acting uestronms in<br>controls that<br>controls that<br>control detains, and satisfy hood<br>in to Applicable<br>complies<br>controls that<br>control in spection:<br>Not Applicable<br>complies<br>controls that<br>control in spection:<br>Not Applicable<br>controls that<br>control in spection:<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls that<br>control in spection:<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls and maximum<br>interia.       Exception: Requirement does not apply.<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls in spection:<br>Not Applicable<br>controls on plans/spec: M-002         1       I height impact (Tier 1)       2       Medium impact (Tier 2)       3       Low Impact (Tier 3)         1       I height impact (Tier 1)       2       Medium impact (Tier 2)       3       Low Impact (Tier 3)         1       I height impact (Tier 1)  
  | 2 accupant density and<br>max with a 's' do Cobservable<br>less of design capacity.       Does Not<br>loos   
   | 22 accupant density and<br>mers with a risk of design capacity.       Does Not<br>book Applicable         ing garage vertilation<br>os stage or modulate<br>(lass of design capacity).       Complies<br>book Applicable       Exception: Requirement does not apply.         ing garage vertilation<br>os stage or modulate<br>(lass of design capacity).       Complies<br>book Not<br>book Applicable       Exception: Requirement does not apply.         ing wring question<br>wring questions in<br>garage temperature<br>entilation (see sections<br>of questions).       Exception: Requirement does not apply.         ing of provide class.74(1)       Complies<br>book Not<br>book Applicable       Exception: Requirement does not apply.         ing of provide class.74(1)       Complies<br>book Applicable       Exception: Requirement does not apply.         if and conditioned<br>accordance with<br>accordance with<br>accord   | 22 accupant density and<br>ems with a risk of design design  
  | 2 accupant density and<br>emay with air side<br>use modulating stratide<br>use modulating stratide<br>use modulating stratide<br>use modulating stratide<br>use modulate<br>essored sign controls that<br>manage temperature<br>af dig system is<br>acting system is<br>anion Boller Replacement<br>indication on plans/spec: M-002<br>is<br>acting system is<br>anion Boller Replacement<br>indication on plans/spec: M-001<br>is<br>acting system is<br>anion Boller Replacement<br>is acting coll<br>acting on plans/spec: M-001<br>is acting on plans/  | 2 cocupant density and<br>mod ablang outside<br>to modulating outside<br>stage or modulation<br>stage or modulation<br>(comples<br>parving yuestcoms in<br>figor with > 50<br>(comples<br>parving yuestcoms in<br>figor in parving yuestcoms in<br>figor i   | ol ventilation provided   | Complies   | Exception: Requirement does not apply.   |
| Ing garage ventilation contaminant detection sotage or modulate less of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Not Observable         Instruction of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Exception: Requirement does not apply.         Instruction of design capacity. Not Applicable       Not Applicable         Instruction of design capacity. Not Applicable       Not Applicable         Instruction of action on plans/spec: M-002       Exception: Requirement will be met.         Index of design capacity. Not Applicable       Not Applicable         Indepticatif din the vent.       Not Applicable<   
   
  | Ing garage ventilation contaminant detection is ostage or modulate less of design capacity. Not Applicable iserving guestrooms is controls that entilation (see sections and the part of the control of the contro of the control of the control of the control of the control of t  
   
   | Ing garage ventilation contaminant detection is stage or modulate less of design capacity. Not Observable Not Observable Not Observable Not Observable Not Applicable       Exception: Requirement does not apply.         Image strate or modulate less of design capacity. Not Applicable       Exception: Requirement does not apply.         Image strate or modulate less of design capacity. Not Applicable       Exception: Requirement does not apply.         Image strate or modulate less of design capacity. Not Applicable       Exception: Requirement does not apply.         Image strate or modulate less of design capacity. Not Applicable       Exception: Requirement does not apply.         Image strate or modulate less of design capacity.  
   
  | Ing garage ventilation containinant detection containinant containinant detection containing report due to complete controls that contrelate that controls that controls that controls that c  
  | ing garage ventilation complies contaminant detection contransi detection contrent detection contaminant detection contamin   | Ing garage ventilation       Compiles       Exception: Requirement does not apply.         Image comparison       Does Not       Exception: Requirement does not apply.         Image temperature       Image temperature       Image temperature         endition (see sections)       Compiles       Exception: Requirement does not apply.         Image temperature       Image temperature       Image temperature         endition (see sections)       Compiles       Exception: Requirement does not apply.         Image temperature       Image temperature       Image temperature         enditions       Image temperature       Image temperature         enditions       Image temperature       Image temperature         ing Table C409.7.4(1)       Does Not       Image temperature         Image temperature       Image temperature       Image temperature         Image temperature       Image temples       Image temperature  | Ing garage ventilation containant detection contain  
   | Ing garage ventilation<br>contaminant detection<br>base of module<br>less of design capacity.       Comples<br>books Not<br>books Not<br>controls that<br>manage temperature<br>entilistion rase sections<br>of 2403.7.6.2.1       Exception: Requirement does not apply.         Image temperature<br>entilistion rase sections<br>of 2403.7.6.2.1       Comples<br>books Not<br>books Not<br>hot Observable       Exception: Requirement does not apply.         Image temperature<br>according with<br>th Sections C403.4.3.1.1       Complies<br>books Not<br>books Not<br>hot Observable       Exception: Requirement does not apply.         Image temperature<br>metade are limits<br>th Ase unpreviously<br>according with<br>th Sections C403.4.3.1.1       Complies<br>Not Applicable       Exception: Requirement does not apply.         Image temperature<br>metade are limits<br>th Ase unpreviously<br>according with<br>th Sections C403.4.3.1       Complies<br>Not Applicable       Requirement will be met.         Image temperature<br>that section on plans/spec: M-001       Requirement will be met.       Sociation on plans/spec: M-001         Image temperature<br>that section on plans/spec: M-001       Sociation on plans/spec: M-001       Sociatio  
   | Ing garage ventilation comples Does Not Does vable Not Applicable Not Observable Not Applicable Not Observable Not Applicable Not Observable Not Applicable Not Observable Not Not Observable Not Not Observable Not Not Observable Not  | Image arage ventiliation       Complies       Exception: Requirement does not apply.         Image area eventiliation       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement does not apply.         Image area eventiliation (see sectors)       Complies       Exception: Requirement will be met.         Image area eventiliation (see sectors)       Complies       Complies         Image area eventiliation (see sectors)       Complies       Complies   
  | ing garage ventilation       Complies       Exception: Requirement does not apply.         less of design capacity.       Work Applicable       Exception: Requirement does not apply.         ing set of design capacity.       Observable       Exception: Requirement does not apply.         ing set of design capacity.       Observable       Exception: Requirement does not apply.         ing the constraint dest set of guestroom is constraint does not apply.       Observable       Exception: Requirement does not apply.         ing Table C403.7.4(1)       Observable       Exception: Requirement does not apply.       Observable         ing table C403.7.4(1)       Observable       Exception: Requirement does not apply.       Observable         ing table C403.7.4(1)       Observable       Exception: Requirement does not apply.       Observable         ing table C403.7.4(1)       Observable       Exception: Requirement does not apply.       Observable         ing table C403.7.4(1)       Observable       Exception: Requirement does not apply.       Observable         ind table in the case and maximum       Not Observable       Exception: Requirement will be met.       Observable         ind table in the case and previously applicable       Not Applicable       Not Applicable       Not Applicable         if uds in hydronic are been previously apply applicable       Observable       Not Applicabl  | ng garage ventilation<br>stage or modulate<br>stage or modulate<br>bet Applicable<br>Serving questrooms in<br>large with 5 of<br>large with 1 of<br>large with 5 of<br>large with 1 of<br>large with 1 of<br>large wi   | 2 occupant density and<br>ems with air side<br>uto modulating outside<br>ntrol, or design airflow   | □Does Not<br>□Not Observable<br>□Not Applicable  |  |
| contaminant detection       Does Not         in ot stage or modulate<br>r less of design capacity.       Not Observable<br>Not Applicable       Exception: Requirement does not apply.         indigna with > 50       Does Not       Does Not         indig Table C403.7.6.2).       Does Not       Does Not         ing Table C403.7.4(1)       Does Not       Does Not         (2).       Not Observable       Exception: Requirement does not apply.         (2).       Does Not       Does Not         (2).       Not Observable       Exception: Requirement does not apply.         (2).       Does Not       Does Not         itations, and satisfy hood<br>ments and maximum       Does Not       Does Not         Not Observable       Not Observable       Exception: Requirement does not apply.         ind redocidance with<br>rification any need to<br>Foundation Inspection.       Does Not       Exception: Requirement does not apply.         I High Inspect (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Requirement will be met.       Page       3 of 1         intig stage or<br>urner.       Complies       Requirement will be met.       Page       3 of 1         inting report   
   
  | i contaminant detection bio stage or modulate i less of design capacity. Mot Applicable Mot Appl   
   
   | contaminant detection     boes Not     ir less of design capacity     Mot Applicable     serving guestrooms is     controls that     manage temperature     mot Applicable     Not Observable     Complies     Complies     Seception: Requirement does not apply.     Complies     Complies     Seception: Requirement does not apply.     Complies     Compl  
   
   | containinant detection       Does Not         in stage or modulate       Not Observable         Serving guestroom is       Complies         controis that       Ocomplies         in to Observable       Not Observable         Not Observable       Not Observable         Into Table C403.7.6.2).       Complies         Exception: Requirement does not apply.       Does Not         Into Table C403.7.6.2).       Complies         Exception: Requirement does not apply.       Does Not         Into Table C403.7.6.2).       Not Observable         Into Complies       Exception: Requirement does not apply.         Into Complies       Exception: Requirement does not apply.         Into Complies       Exception: Requirement does not apply.         Interviention       Not Observable         Interviention       Not Observable         Intiget on the dooling       Not Observable         Intiget on the dooling       Not Applicable         Interviention       Complies         Interviention       Complies         Intiget on the dooling       Not Appli  
  | containinant detection       Does Not         i o stage or modulate<br>(lings with > 50       Complies       Exception: Requirement does not apply.         i o stage or modulate<br>(lings with > 50       Not Observable       Not Observable         i o controls that<br>(a d c d c d z , f z , z , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , s , z , z   | containing detection       Does Not         riess of design capacity       Not Applicable         sare yring users on the complex sing of the common sing the persitive set of the common sing the common   | contaminant detection       Does Not<br>Int Applicable         less of design capacity.       Does Not<br>Int Applicable         serving guestroms in<br>ontrols that<br>manage temperature<br>entilation (see sections<br>of 4030.7.6.2.).       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Compiles<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Applicable       Does Not<br>Int Applicable       Exception: Requirement does not apply.         Int Coll Int Applicable       Does Not<br>Int Applicable       Exception: Requirement will be met.         Int Applicable       Does Not<br>Int Sections Coll Observable       Does Not<br>Int Applicable         Int Bectorin Complies<br>Int Sections Coll 3.1.1 and<br>Int Sections Coll 3.3.1.<br>Ingle bolier systems<br>In the ent Int Sections Coll 3.3.1.<br>Ingle bolier systems<br>Infact of occupancy.       Requirement will be met.         Int Applicable       Complies<br>Inteat of occupancy.       Requirement will be met.  
  | contaminant detection       Loces Not         cless of design capacity:       Not Applicable         serving guestroms in<br>controls that<br>manage temperature       Not Applicable         Not Applicable       Not Applicable         intervention       Comples<br>controls that       Exception: Requirement does not apply.         intervention       Comples<br>in and contition face sections       Exception: Requirement does not apply.         intervention       Comples<br>in and contition face sections       Exception: Requirement does not apply.         intervention       Comples<br>in and contition face sections       Exception: Requirement does not apply.         interds and maskity hood<br>interds and
misulated in<br>condition inspection.       Complies<br>index set for provide<br>interds and insulated in<br>condition inspection.       Exception: Requirement does not apply.         Ind continue to<br>indication may neet to<br>condition inspection.       Not Applicable       Requirement will be met.         indication inspection       Not Applicable       Not Applicable         If High Impact (Tier 1)       2       Medum Impact (Tier 2)       3       Low Impact (Tier 3)         ansion Boiler Replacement       Complies<br>in asses to<br>inficate of occupany.       Requirement will be met.       Oc/30         Interventions       Complies<br>intra.       Requirement will be met.       Oc/30         Interventions <t< td=""><td>contaminant detection<br/>less of design capacity:<br/>instruing questroms in<br/>commons in<br/>dings with &gt; 50<br/>ach guestroms in<br/>controls that<br/>manage temperature<br/>entilation isse sections<br/>of 4033.6.2.1.       Exception: Requirement does not apply.         instruing temperature<br/>entilation isse sections<br/>of 4033.6.2.1.       Complies<br/>controls that<br/>manage temperature<br/>entilation isse sections<br/>of 4033.6.2.1.       Exception: Requirement does not apply.         instructure<br/>entilation isse sections<br/>of 4033.6.2.1.       Complies<br/>controls that<br/>manage temperature<br/>entilation isse sections<br/>of 4033.6.2.1.       Exception: Requirement does not apply.         ind continue<br/>in and continue<br/>entits and maximum.       Does Not<br/>books Not<br/>pleanue<br/>in entits and maximum.       Exception: Requirement does not apply.         ind continue<br/>with and continue<br/>accordance with<br/>infraction may need<br/>accordance with<br/>infract of accordance<br/>infract of ac</td><td>containing detection       Loses Nat         cless of design capacity.       Not Applicable         serving questions in<br/>controls that       Does Not         manage temperature<br/>entiliation (see sections)       Comples         controls that       Does Not         graps Table C403.7.4(1)       Does Not         Does Not       Comples         graps table C403.7.4(1)       Does Not         Does Not       Comples         staystems comply with<br/>or and conditionation tapped to the comples       Exception: Requirement does not apply.         Does Not       Comples         in and conditionation tapped to the comples       Exception: Requirement does not apply.         Does Not       Does Not         Interds in maxing the color of the color of</td><td>contaniant detection       □Does Not         Pieso of deign capacity       □Does Not         Image temperature       □Does Not         Ima</td><td>containing detection     Does Not       Bisd of modulation     Not Applicable       Bisd of Modulation     Comples       Exception: Requirement does not apply.     Not Applicable       Integration (Secondate)     Not Applicable       State of modulation     Comples       Exception: Requirement does not apply.     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Requirement does not apply.       Integration (Secondate)     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Requirement does not apply.       Integration (Secondate)     Not Applicable       Integrat (</td><td>ng garage ventilation</td><td></td><td>Exception: Requirement does not apply.</td></t<> | contaminant detection<br>less of design capacity:<br>instruing questroms in<br>commons in<br>dings with > 50<br>ach guestroms in<br>controls that<br>manage temperature<br>entilation isse sections<br>of 4033.6.2.1.       Exception: Requirement does not apply.         instruing temperature<br>entilation isse sections<br>of 4033.6.2.1.       Complies<br>controls that<br>manage temperature<br>entilation isse sections<br>of 4033.6.2.1.       Exception: Requirement does not apply.         instructure<br>entilation isse sections<br>of 4033.6.2.1.       Complies<br>controls that<br>manage temperature<br>entilation isse sections<br>of 4033.6.2.1.       Exception: Requirement does not apply.         ind continue<br>in and continue<br>entits and maximum.       Does Not<br>books Not<br>pleanue<br>in entits and maximum.       Exception: Requirement does not apply.         ind continue<br>with and continue<br>accordance with<br>infraction may need<br>accordance with<br>infract of accordance<br>infract of ac  | containing detection       Loses Nat         cless of design capacity.       Not Applicable         serving questions in<br>controls that       Does Not        
manage temperature<br>entiliation (see sections)       Comples         controls that       Does Not         graps Table C403.7.4(1)       Does Not         Does Not       Comples         graps table C403.7.4(1)       Does Not         Does Not       Comples         staystems comply with<br>or and conditionation tapped to the comples       Exception: Requirement does not apply.         Does Not       Comples         in and conditionation tapped to the comples       Exception: Requirement does not apply.         Does Not       Does Not         Interds in maxing the color of   | contaniant detection       □Does Not         Pieso of deign capacity       □Does Not         Image temperature       □Does Not         Ima  | containing detection     Does Not       Bisd of modulation     Not Applicable       Bisd of Modulation     Comples       Exception: Requirement does not apply.     Not Applicable       Integration (Secondate)     Not Applicable       State of modulation     Comples       Exception: Requirement does not apply.     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Requirement does not apply.       Integration (Secondate)     Not Applicable       Integration (Secondate)     Not Applicable       Integration (Secondate)     Requirement does not apply.       Integration (Secondate)     Not Applicable       Integrat (   | ng garage ventilation   |   
  | Exception: Requirement does not apply.   |
| r less of design capacity. Mot Applicable<br>s serving guestrooms in<br>Complies<br>Does Not<br>Does Not<br>Mot Observable<br>Mot Applicable<br>Exception: Requirement does not apply.<br>Does Not<br>Complies<br>IN to Observable<br>Not Observable<br>Not Observable<br>Not Observable<br>Does Not<br>Does Not<br>Not Observable<br>Not Ob   
   
  | r less of design capacity.       Into Cosevable         s serving questrooms in cornors that manage temperature       INot Observable         manage temperature       INot Observable         ing Table C403.7.4(1)       Does Not         (2)       Image temperature         (1) Not Applicable       Exception: Requirement does not apply.         (1) Not Applicable       Does Not         (1) Not Applicable       Exception: Requirement does not apply.         (1) Not Applicable       Does Not         (1) Not Applicable       Exception: Requirement does not apply.         (1) Not Applicable       Does Not         (1) Not Applicable       Exception: Requirement does not apply.         (1) Not Applicable       Does Not         (1) Not Applicable       Exception: Requirement does not apply.         (1) Not Applicable       Does Not         (1) Not Applicable       Implicable         (1) Not Applicable       Not Applicable         (2) Not Applicable       Not Applicable         (2) Not Applicable       Not Applicable         (2) Not Applicable       Not Applicable <tr< td=""><td>r less of design capacity. How Applicable More Applicable More</td><td>r less of design capacity. Hot Applicable<br/>s serving guestrooms in Complies<br/>Controls that Cobservable<br/>controls that Cobservable<br/>controls that Cobservable<br/>retry recovery on Complies<br/>ing Table C403.7.4(1)<br/>Complies<br/>a control state C403.7.4(1)<br/>Complies<br/>Fxception: Requirement does not apply.<br/>Complies<br/>Fxception: Requirement does not apply.<br/>Controls that Applicable<br/>Requirement does not apply.<br/>Controls that Cobservable<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Complies<br/>Compli</td><td>r less of design capacity. Most Applicable<br/>s serving guestrooms in<br/>Complies<br/>ach guestroom is<br/>controls that<br/>manage temperature<br/>manage temperature<br/>st systems comply with<br/>Complies<br/>accordance with<br/>filuds in hydronic<br/>filuds in hydronic<br/>ments and maximum<br/>mit cation and statify hood<br/>ments and maximum<br/>mit cation and statify hood<br/>ments and maximum<br/>mit cations and maximum<br/>mit cation in hydronic<br/>complies<br/>maximum<br/>maximum<br/>mit cations and maximum<br/>mit cations and maximum<br/>mit cations and maximum<br/>mit soctaries CAO3 at 3.1.<br/>Mot
Applicable<br/>and maximum<br/>mit soctaries CAO3 at 3.1.<br/>Mot Applicable<br/>and maximum<br/>mit cation and plans/spec: M-002<br/>maximum<br/>maximum<br/>mit cation an plans/spec: M-001<br/>maximum<br/>mit cation an plan</td><td>r less of design capacity, Mox Applicable<br/>serving guestrooms in<br/>controls that<br/>manage temperature<br/>manage temperature<br/>titoons, and satisty hood<br/>ments and maximum<br/>mets double to the temperature<br/>fuids in hydronic<br/>mate temperatures<br/>mate temperatures<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>mets and maximum<br/>mets<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>maxima temperatures<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>maxima temperatures<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>maxima<br/>maxima<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 High Impact (Tier 1)<br/>2 Medium Impact (Tier 2)<br/>3 Low Impact (Tier 3)<br/>1 Might Applicable<br/>1 Might Applicable</td><td>less of design capacity.       Invot Applicable         serving guestrooms in complex and puestroom is analyse term manage term manage term manage term for a complex in the complex and puestroom is and maximum in the complex is systems comply with complex is a conditioned in the complex is a conditioned in the complex is and maximum in the complex is and maximum in the complex is a conditioned in the complex is and maximum in the complex is a conditioned in the complex is and maximum in the complex is a conditioned in the cool of the complex is a conditioned in the section is conditioned in the sectis</td><td>r less of design capacity.   Not Applicable<br/>serving guestrooms in<br/>Comples   Not Applicable<br/>  Not Applicable   No</td><td>Import Applicable       Proce Applicable         serving guestroom is an guestroom guestroom is an guestroom is guestroom is</td><td>ries of design capacity.<br/>is serving questroms in<br/>Comples in Comples in Comples in Comples in Comples in Complex in Comp</td><td>intervised guestrooms in<br/>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br/>lock Applicable       Complies         intervised guestrooms in<br/>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br/>lock Applicable       Complies         intervised guestrooms in<br/>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br/>lock Applicable       Complies         intervised guestrooms in<br/>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br/>lock Applicable       Complies         intervised guestrooms in<br/>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms and satisfy hood<br/>aundation inspection.       Not Observable         intervised guestrooms and satisfy hood<br/>aundation inspection.       Requirement will be met.         intervised guestrooms and guestroom guestroo</td><td>less of design capacity.       That Applicable         interving questroms in<br/>controls that<br/>smarge temperature<br/>and set of set sections<br/>on trols that<br/>manage temperature<br/>and set of set sections<br/>on the set of set set of<br/>manage temperature<br/>and set of set set of<br/>met.       Exception: Requirement does not apply.         It is partial to the set of<br/>met.       Complies<br/>(Complies<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Complies)<br/>(Com</td><td>contaminant detection<br/>o stage or modulate</td><td></td><td></td></tr<> | r less of design capacity. How Applicable More  
  | r less of design capacity. Hot Applicable<br>s serving guestrooms in Complies<br>Controls that Cobservable<br>controls that Cobservable<br>controls that Cobservable<br>retry recovery on Complies<br>ing Table C403.7.4(1)<br>Complies<br>a control state C403.7.4(1)<br>Complies<br>Fxception: Requirement does not apply.<br>Complies<br>Fxception: Requirement does not apply.<br>Controls that Applicable<br>Requirement does not apply.<br>Controls that
Cobservable<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Compli  | r less of design capacity. Most Applicable<br>s serving guestrooms in<br>Complies<br>ach guestroom is<br>controls that<br>manage temperature<br>manage temperature<br>st systems comply with<br>Complies<br>accordance with<br>filuds in hydronic<br>filuds in hydronic<br>ments and maximum<br>mit cation and statify hood<br>ments and maximum<br>mit cation and statify hood<br>ments and maximum<br>mit
cations and maximum<br>mit cation in hydronic<br>complies<br>maximum<br>maximum<br>mit cations and maximum<br>mit cations and maximum<br>mit cations and maximum<br>mit soctaries CAO3 at 3.1.<br>Mot Applicable<br>and maximum<br>mit soctaries CAO3 at 3.1.<br>Mot Applicable<br>and maximum<br>mit cation and plans/spec: M-002<br>maximum<br>maximum<br>mit cation an plans/spec: M-001<br>maximum<br>mit cation an plan  | r less of design capacity, Mox Applicable<br>serving guestrooms in<br>controls that<br>manage temperature<br>manage temperature<br>titoons, and satisty hood<br>ments and maximum<br>mets double to the temperature<br>fuids in hydronic<br>mate temperatures<br>mate temperatures<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>mets and maximum<br>mets<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>maxima temperatures<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>maxima temperatures<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>maxima<br>maxima<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>3 Low Impact (Tier 3)<br>1 Might Applicable<br>1 Might Applicable  | less of design capacity.       Invot Applicable         serving guestrooms in complex and puestroom is analyse term manage term manage term manage term for a complex in the complex and puestroom is and maximum in the complex is systems comply with complex is a conditioned in the complex is a conditioned in the complex is and maximum in the complex is and maximum in the complex is a conditioned in the complex is and maximum in the complex is a conditioned in the complex is and maximum in the complex is a conditioned in the cool of the complex is a conditioned in the section is conditioned in the sectis   
   | r less of design capacity.   Not Applicable<br>serving guestrooms in<br>Comples   Not Applicable<br>  Not Applicable   No   | Import Applicable       Proce Applicable         serving guestroom is an guestroom guestroom is an guestroom is guestroom is  
   | ries of design capacity.<br>is serving questroms in<br>Comples in Comples in Comples in Comples in Comples in Complex in Comp  | intervised guestrooms in<br>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br>lock Applicable       Complies         intervised guestrooms in<br>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br>lock Applicable       Complies         intervised guestrooms in<br>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br>lock Applicable       Complies         intervised guestrooms in<br>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms in<br>lock Applicable       Complies         intervised guestrooms in<br>lock Applicable       Exception: Requirement does not apply.         intervised guestrooms and satisfy hood<br>aundation inspection.       Not Observable         intervised guestrooms and satisfy hood<br>aundation inspection.       Requirement will be met.         intervised guestrooms and guestroom guestroo  
  | less of design capacity.       That Applicable         interving questroms in<br>controls that<br>smarge temperature<br>and set of set sections<br>on trols that<br>manage temperature<br>and set of set sections<br>on the set of set set of<br>manage temperature<br>and set of set set of<br>met.       Exception: Requirement does not apply.         It is partial to the set of<br>met.       Complies<br>(Complies<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Complies)<br>(Com  | contaminant detection<br>o stage or modulate  |  |  |
| s serving guestroom is controls that manage temperature entilation (see sections decisions decis   
   
  | serving guestrooms in controls that information with exception: Requirement does not apply.       Exception: Requirement does not apply.         information of the exception of the exception information of the exception of the exceptio  
   
  | serving questrooms in controls that proven to be shot apply.       Does Not Does Not Does Not Does Not Applicable       Exception: Requirement does not apply.         manage temperature individual controls that proven the control that proven the control that proven the control that proven the control that prove that prove the control that prove that prove the control that prove the control that prove the control that prove that prove that prove that prove that prove that prove t  
   
   | serving questrooms is<br>cach questroom is<br>controls that<br>manage temperature<br>manage temperature<br>ing Table C403.7.4(1)<br>21.       Complies<br>Does Not<br>Does Not<br>Doet<br>Not Observable<br>Not Observable<br>Not Observa   | serving questrooms is<br>controls that<br>manage temperature<br>enviltation (see sections<br>d (403.7.4.2).       Complies<br>Does Not<br>Does Not<br>Not Applicable       Exception: Requirement does not apply.         filuids in hydronic<br>riner.       Complies<br>Does Not<br>Does Not<br>Complies<br>Page 3 of timestand nei (fier 1)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       1 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies<br>Does Not<br>Does Not<br>Does
Not<br>Does Not<br>Not Applicable       Requirement will be met.<br>Does Not<br>Does Not  | serving questrooms in<br>dach guestrooms is<br>controls that<br>manage temperature<br>entilation (see sections<br>d C403.7.4.2).       Exception: Requirement does not apply.         Not Observable<br>more trained controls that<br>ing Table C403.7.4.1).       Complies<br>Does Not<br>Does Not<br>Not Observable       Exception: Requirement does not apply.         2,1.       Complies<br>ing Table C403.7.4.1).       Exception: Requirement does not apply.         2,1.       Complies<br>Not Observable       Exception: Requirement does not apply.         3,1.       Ont Observable         Not Observable       Exception: Requirement does not apply.         1 diagonality in and conditioned<br>oundation Inspection.       Complies<br>Does Not<br>Not Applicable         1 diagonality in hydronic<br>nave been previously<br>cooled, and the cooling<br>ing table sets sets<br>fh have multistaged or<br>inter.       Requirement will be met.         1 high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         2 ansion Boiler Replacement       Complies<br>Does Not<br>Not Applicable       Requirement will be met.         1 high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies<br>Does Not<br>Not Applicable       Requirement will be met.         1 high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         2 Autor of Does Not<br>Not Applicable       Does Not<br>Not Applicable       Soff         3 off  | serving guestrooms in complex indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that indig with > 50 ach guestroom is controls that = 50 ach guestroom i  
  | serving guestrooms in<br>ach guestroom is<br>controls that<br>manage temperature<br>entilation (as exception: Requirement does not apply.<br>Not Observable<br>Not Observable<br>Mot Observable<br>Not Observable<br>Mot Observable<br>Stars and maximum<br>riteria.<br>a conduitored<br>tarions, and satify hood<br>not Observable<br>Not O   
   | serving guestrooms in<br>ach guestroom is<br>controls that<br>manage temperature<br>manage temperature<br>st systems comply with<br>Complies<br>St systems comply with<br>Complies<br>St systems comply with<br>Complies<br>St systems conditioned<br>tations, and sativum<br>ments and maximum<br>the C43.11.1 and<br>Does Not<br>Mot Applicable<br>fluids in hydronic<br>make are limited in<br>th Sections (A).3.1.<br>mgle bolier systems<br>if have multistaged or<br>truer.<br>1 High impact (Tier 1)<br>2 Medium impact (Tier 2)<br>and to beservable<br>Auto Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Auto Applicable<br>Not Applicab  | serving guestrooms in<br>ach guestroom is<br>controls that<br>manage temperature<br>emplation (see solt<br>and please solt<br>book Applicable<br>Not Applicable<br>st systems conditioned<br>tard naximum<br>and maximum<br>tariano. and sativum<br>and pleameris insulated in<br>book Solt<br>condition may need to<br>condation insystems<br>fiftact of occupancy.<br>1   High Impact (Tier 1)<br>2   Medium Impact (Tier 2)<br>3   Low Impact (Tier 3)<br>ension Boiler Replacement<br>al Inspection<br>al Inspection<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Comp  
   | serving questrooms in<br>ach guestroom is<br>controls that<br>manage temperatures<br>manage temperatures<br>Mot Applicable<br>Not Applicable<br>Not Observable<br>Not Observable<br>Steption: Requirement does not apply.<br>Does Not<br>Does   | serving questrooms in<br>long with > 50<br>ch guestroom is<br>outroids that<br>(C423.7.6.2)       Exception: Requirement does not apply.         Wet Observable       Seception: Requirement does not apply.         Total C423.7.6.2)       Comples<br>(C423.7.6.2)         Total C42.7.6.2)       Comples<br>(C423.7.6.2)         Total C42.7.6.2)       Comples<br>(C423.7.6.2)         Total C42.7.6.2)       Cation on plans/spec: M-002         Total C42.7.6.2)       Comples<br>(C423.7.6.2)         Total C42.7.6.2)       Comples<br>(C423.7.6.2)         Total C42.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7  | less of design capacity.  |  |  |
| ach guestroom is controls that marage temperature entilation (see sections d 403.7.6.2).       INot Observable in the control of the conte control of the control of the control of the control  
   
   | ach guestroom is<br>controls that<br>manage temperature<br>entiliation (see sections<br>d 2403.7.6.2).       Inot Observable<br>Not Applicable         iergy recovery on<br>ing Table C403.7.4(1)       Does Not<br>Does Not       Exception: Requirement does not apply.         2).       Not Observable<br>ing Table C403.7.4(1)       Exception: Requirement does not apply.         2).       Not Observable<br>ing Table C403.7.4(1)       Exception: Requirement does not apply.         2).       Not Observable<br>into chastify hod<br>ments and maximum       Exception: Requirement does not apply.         into tables and maximum       Not Observable<br>into the chastify hod<br>ments and maximum       Exception: Requirement does not apply.         into tables and maximum       Complies<br>into the chastify hod<br>ments and maximum       Exception: Requirement does not apply.         into tables and maximum       Complies<br>into the chastify hod<br>ments and maximum       Exception: Requirement does not apply.         into tables and<br>into the chastify hod<br>ments and maximum       Complies<br>into the chastify hod<br>into table and the chastify hod<br>into table and the chastify hod<br>maxe been previously<br>indice boler systems<br>in have multistaged or<br>inter.       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         an Inspection       Complies<br>inter.       Complies<br>inter.       Requirement will be met.       05/30         an Inspection       Complies<br>ino   
   
  | ach guestroom is controls that manage temperature       Not Observable Not Applicable         mertilation (isee sections d C403.7.6.2).       Complies Does Not Tobservable         ing Table C403.7.4(1)       Does Not Tobservable         27.       Does Not Tobservable         ing Table C403.7.4(1)       Does Not Tobservable         28.       Does Not Tobservable         ing Table C403.7.4(1)       Does Not Tobservable         29.       Does Not Tobservable         ing table C403.7.4(1)       Does Not Tobservable         20.       Does Not Tobservable         infortioned       Does Not Tobservable         infortioned       Not Observable         infortioned       Does Not Tobservable         infortioned       Not Observable        
infortioned       Not Observable         infortioned       Not Observable         infortioned       Does Not         ind plenums insulated in Complies       Exception: Requirement does not apply.         infortioned       Does Not         inve been previously colds, and the cooling       Not Observable         infortion in plans/spec: M-002       Not Observable         inside are limited in the Sections C403.4.3.1-       Not Observable         inthydrovir       Complies       Requir  
   | ala fuguestroom is controls that manage temperature into t Observable into t Applicable       Into t Observable into t Applicable         erritiation (see sections in grabile 2403.7.6.2).       Complies into t Observable intervable i   
   | ach Tuestroom is controls that controls t   | ach guestroom is controls that       Not Observable         manage temperature       Not Applicable         entilation (see sections)       Complies         enty recovery on ing Table C403.7.4(1)       Does Not         21.       Not Observable         with and conditioned       Does Not         1 and conditioned       Does Not         actoration and maximum       Not Observable         It and conditioned       Does Not         accordance with       Not Observable         ************************************  | ach juestroom is controls that  
   | ach guestroom is controls that       Not Applicable         manage temperature intraction (a Complies errory recovery on ing Table C403.7.4(1).       Complies ind controls that is and control of that is and controls that is and controls that is and control of that ones not apply.         2.1.       Complies is systems comply with is and control of that ones not apply.       Exception: Requirement does not apply.         3.1.       Not Observable       Not Observable         ind control of that one of the ones not apply.       Does Not is controls that is and controls that ones not apply.         ind plenums insulated in the Cooling is accordance with infraction may need to onk to
Observable       Exception: Requirement does not apply.         1 High Inspection.       Complies is that the cooling is accordance with infraction may need to onk to Observable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Page is of the one infraction on plans/spec: M-002         ansion Boiler Replacement       Page is of the one infraction on plans/spec: M-001         Not Observable in the met.       Location on plans/spec: M-001         All Inspection       Complies?       Comments/Assumptions         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Page is of the one in t   | ach guestroom is controls that in Observable international controls that internation controls that international controls that internationa   
   | and_guestion is controls tail       Into Observable         manage temperature emittation (see sections of 2403.7.6.2).       Complies Dose Nat         2).       Dode Doservable         Into Applicable       Exception: Requirement does not apply.         2).       Dode Doservable         Not Applicable       Exception: Requirement does not apply.         ir and conditioned tailons, and satisfy hodo ments and maximum riteria.       Not Observable         Not Applicable       Exception: Requirement does not apply.         iffication my need to Doser Nable       Doses Nat         Indicolar with       Doses Nat         accordance with       Not Observable         Not Applicable       Exception: Requirement does not apply.         Doces Nat       Doses Nat         accordance with       Not Observable         Into Applicable       Exception: Requirement does not apply.         Doces Nat       Doses Nat         Into Science (AD)       Dot Observable         Into Science (AD)       Dot Observable         Into Science (AD)       Science (AD)         Into Science (AD)       Dose Nat         Into Science (AD)       Science (AD)         Interpetition on plans/spec: M-002       Science (AD)         Interpetition on plans/spec: M-001   | and guestroom is controls that manage temperature emittation (see sections of that Applicable Not Applicable C403.7.4(1)       Complies Does Not Does vable Not Applicable         21       Not Observable Not Applicable       Exception: Requirement does not apply.         22.       Not Applicable       Exception: Requirement does not apply.         23.       Not Applicable       Exception: Requirement does not apply.         24.03.04.04.05.04.04.05.04.04.05.04.04.00.05.04.04.04.00.04.00.04.00.04.04.00.04.04.   
   | act "guestroom is  | serving guestrooms in dings with $> 50$   | Complies   | Exception: Requirement does not apply.   |
| manage temperature<br>entilation (see sections<br>of C403.7.6.2). <ul> <li>Complies</li> <li>Complies</li> <li>Does Not</li> <li>Not Observable</li> <li>Not Applicable</li> </ul> Exception: Requirement does not apply. <ul> <li>Does Not</li> <li>Not Observable</li> <li>Does Not</li> <li>Not Observable</li> <li>Not Applicable</li> <li< td=""><td>manage temperature entilation (see sections of 2403.7, 6.2).          <ul> <li>Complies</li> <li>Complies</li> <li>Does Not</li> <li>Not Observable</li> <li>Not Applicable</li> </ul>          Exception: Requirement does not apply.               attoms, and satisfy hood             <li>Not Observable</li> <li>Not Applicable</li> </td></li<></ul> <ul> <li>India in Nydronic</li> <li>Not Applicable</li> </ul> <ul> <li>I High Impact (Tier 1)</li> <li>Medium Impact (Tier 2)</li> <li>Low Impact (Tier 3)</li> <li>Report date: 05/30</li> <li>Page 3 of 1</li> </ul> <ul> <li>I Impact (Tier 1)</li> <li>Medium Impact (Tier 2)</li>             &lt;</ul>  
   
  | manage temperature entilation (see sections of 2403.7, 6.2). <ul> <li>Complies</li> <li>Complies</li> <li>Does Not</li> <li>Not Observable</li> <li>Not Applicable</li> </ul> Exception: Requirement does not apply.               attoms, and satisfy hood <li>Not Observable</li> <li>Not Applicable</li>  
   
   | Image temperature entilition (see sections d (403.7.6.2).       Image temperature (addition (add  
   
  | Imagage temperature<br>entiliation (see sections<br>of 2403.7.6.2).       Not Applicable         ergy recovery on<br>ing Table C403.7.4(1)       Complies<br>Does Not       Exception: Requirement does not apply.         21.       Not Observable<br>Not Applicable       Exception: Requirement does not apply.         ations, and satisfy hood<br>ments and maximum       Not Observable<br>Not Observable       Exception: Requirement does not apply.         do lenums insulated in<br>diffication my need to<br>oundation Inspection.       Does Not<br>Not Observable       Exception: Requirement does not apply.         filuids in hydronic<br>ave been previously<br>cooled, and the cooling<br>wave been previously<br>cooled, and the cooling<br>induce are limited in<br>the Sections CA03.4.3.1.       Requirement will be met.         Not Observable<br>filuids in hydronic<br>ave been previously<br>cooled are limited in<br>the Sections CA03.4.3.1.       Does Not<br>Not Applicable         Not Applicable       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)   
  | Image temperature entitiation (see sections of 2403.7.6.2)       Complies         ergy recovery on ing Table 2403.7.4(1)       Does Not         2).       Does Not         ations, and satisfy hood ments and maximum interia.       Does Not         Does Not       Does Not         diations, and satisfy hood interiors.       Exception: Requirement does not apply.         diations, and satisfy hood interiors.       Does Not         if and conditioned       Complies         box to Observable       Does Not         if accordance with and maximum inficiation may need to oundation inspection.       Not Applicable         Tiudis in hydronic lace been previously wate been previously colled, and the cooling indicable.       Does Not         indicate and transmitting indicable indicates in the cooling indicable.       Not Applicable         indig bin hydronic lace Complies indicates in the cooling indicable.       Does Not         indig bin hydronic lace Complies indicates in the cooling indicable.       Not Applicable         indig bin hydronic lace Complex indicable indicates in the cooling indicable.       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Bolier Replacement       Complies indicable       Does Not indicable indicable         ifficate of occupancy.       Complies indicable indicable indicable indic   | Image temperature emittion (see sections of 4033.7.4):       Image temperature emittion (see sections of 4033.7.4):         Image temperature error er  | Image terms premium       Not Applicable         erititation (see sections)       Complies         pregy recovery on<br>ing Table (2403.7.6.2).       Complies         int of continued       Does Not         2).       Not Observable         with of Observable       Exception: Requirement does not apply.         int of continued       Not Observable         int of continued       Not Applicable         accordance with<br>dations, and satisfy hood       Not Observable         indication may need to<br>oundation Inspection.       Complies         indication on plans/spec: M-002       Not Applicable         indication on plans/spec: M-002       Not Applicable         indication on plans/spec: M-002       Page         al Inspection       Complies?       Comments/Assumptions         inficate of occupancy.       Complies?       Requirement will be met.         inficate of occupancy.       Complies?       Comments/Assumptions         inficate of occupancy.       Not Observable       Not Observable         Not Observable       Not Observable       Not Observab   
   | Inspection       Complies         erititation (see sections)       Complies         ing Table (2403.7.6.2).       Does Not         ing Table (2403.7.6.2).       Not Observable         is systems comply with       Complies         is systems comply with       Complies         is adcondicitioned       Not Observable         is systems comply with       Complies         is adcondicitioned       Not Observable         is adcondicitioned       Not Applicable         is adcondicitioned       Does Not         is adcondicitioned       Does Not         is adcondicitioned       Does Not         is adcondicition may need to       Not Observable         is adcondicition may need to       Does Not         is ad   
  | Image terms       Image terms  
  | initiality free entitiation (see sections)       Complies       Exception: Requirement does not apply.         ing Table C403.7.4.1)       Observable       Exception: Requirement does not apply.         ing Table C403.7.4.1)       Observable       Exception: Requirement does not apply.         ing Table C403.7.4.1)       Observable       Exception: Requirement does not apply.         ing and satisfy hood       Observable       Exception: Requirement does not apply.         int and conditional distribution in the conding distribution.       Observable       Exception: Requirement does not apply.         int calls and the cooling distribution.       Observable       Ecception: Requirement will be met.         int ace been previously cooled, and the cooling distribution.       Observable       Coation on plans/spec: M-002         int sections C403.4.3.1.       Observable       Ecception: Requirement will be met.       Does Not int sections C403.4.3.1.         in high bioler systems in the sections C403.4.3.1.       Observable       Ecception: Comples int section on plans/spec: M-002         insion Boiler Replacement       Page is of int section on plans/spec: M-002       Section on plans/spec: M-002         al Inspection       Complies       Complies       Requirement will be met.         Intig the inger of the to int section on plans/spec: M-001       Not Observable       Coation on plans/spec: M-001   | Impact Encomporture environmentation (see sections)       Impact Applicable         Impact C403.7.4.1)       Impact C403.7.4.1)   | Image temperature<br>(rC403.7.42).         Mot Applicable           Streption: Requirement does not apply.         Boos Not<br>(rC403.7.41)         Boos Not<br>(rotation and statistical<br>boos Not<br>(rotation and statistical<br>poss Not<br>(rotation and plans/spec: M-002)           Inspection         Complies<br>(rotation and plans/spec: M-002)         Requirement will be met.<br>(rotation and plans/spec: M-002)           Inspection         Complies<br>(rotation and plans/spec: M-001)         Not<br>(rotation and plans/spec: M-001)           Inspection         Complies<br>(rotation and plans/spec: M-001)         Not<br>(rotation and plans/spec: M-001)           Inspections:         Not<br>(rotation and plans/spec: M-001)         Not<br>(rotation and plans/spec: M-001)   
  | ach guestroom is<br>controls that   | Not Observable   |  |
| al Inspection       Complies       Exception: Requirement does not apply.         Ing Table C403.7.4(1)       Does Not         2).       Not Applicable         st systems comply with       Complies         Ind conditioned       Does Not         Ind conditioned       Does Not         Ind conditioned       Does Not         Ind astify hood       Not Applicable         Previously       Not Applicable         Ind plenums insulated in       Complies         Infication may need to       Observable         Not Applicable       Not Applicable         Filuids in hydronic       Complies         Invertex Condance with<br>entere are limited in<br>th Sections C403.4.3.1.1       Requirement will be met.         Location on plans/spec: M-002       Does Not         Ing how multistaged or<br>rner.       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Requirement will be met.       Page         Page       3 of         al Inspection       Complies?       Comments/Assumptions         indicate of occupancy.       Does Not         Indicate of occupancy.       Does Not   
   
  | a Linker Link  
   
   | al Inspection       Complies       Exception: Requirement does not apply.         ing Table C403.7.4(1)       Does Not         2).       Not Observable         in and conditioned       Does Not         taitins, and satisfy hood       Does Not         ments and maximum       Not Applicable         Exception: Requirement does not apply.       Not Applicable         in and conditioned       Not Applicable         in A condance with       Does Not         iffication may need to       Does Not         Not Observable       Not Observable         information inspection.       Does Not         Not Observable       Not Observable         Not Observable       Not Applicable         Not Observable       Not Applicable         Not Applicable       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Requirement will be met.       Page      
  ining report due to       Complies       Does Not         Not O  
  | al Inspection       Complies       Exception: Requirement does not apply.         al Inspection       Complies       Complies         box       Complies       Exception: Requirement will be met.         box       Does Not       Not Observable         al Inspection       Complies?       Comments/Assumptions         al Inspection       Complies:       Complies         box of the box of   
   | a low lines       Complies         ing Table C403.7.4(1)       Does Not         2).       Not Observable         in and conditioned       Does Not         is and conditioned       Not Observable         is and conditioned       Does Not         accordance with       Complies         if uids in hydronic       Does Not         accordance with       Complies         if uids in hydronic       Does Not         ave been previously       Does Not         igle boiler systems       Not Observable         th sections C403.4.3.1.       Not Observable         igle boiler systems       Not Applicable         th sections C403.4.3.1.       Report date: 05/30         gale boiler systems       Not Applicable         ansion Boiler Replacement       Requirement will be met.         Page       3 of 1         Page       3 of 1         Page       3 of 1         I high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         <   | al Inspection       Complies         Exception:       Requirement does not apply.         Biologic Complex       Exception:         Requirement does not apply.       Complies         Exception:       Requirement does not apply.         Biologic Complex       Exception:         Requirement does not apply.       Complies         Complex       Exception:         Requirement does not apply.       Complex         Complex       Exception:         Requirement does not apply.       Complex         Complex       Exception:         Requirement will be met.       Complex         Condition may need to Not Applicable       Not Applicable         "fluids in hydronic nave been previously Does Not       Complex         Colda, and the cooling ave been previously Does Not       Does Not Observable         mated are limited in the sections C403.4.3.1       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Page 3 of         Page       3 of         Mot Observable       Does Not         Does Not       Does Not         Not Applicable       Not Applicable         Not Observable       Not Applicable  | a unspection       Complies         Exception:       Requirement does not apply.         2).       Complies         Bystems comply with       Complies         Exception:       Requirement does not apply.         Complies       Exception:         Rest and maximum       Not Applicable         Not Applicable       Exception:         Requirement does not apply.       Complies         Complies       Exception:         Requirement does not apply.       Complies         Complies       Exception:         Requirement does not apply.       Complies         Complies       Exception:         Requirement will be met.       Not Applicable         **       Complies         **       Complies         Requirement will be met.       Cocation on plans/spec: M-002         **       Mot Applicable         **       Not Applicable         **       Mot Observable         **       Complies         **       Requirement will be met.         **       Complies         **       Requirement will be met.         **       Complies         **       Complies         **       Compli                               
   
   | al Inspection       Complies       Exception: Requirement does not apply.         21.       Oxt Applicable         as systems comply with<br>in and conditioned<br>metads and satisfy hood<br>in the conditioned<br>metads and satisfy hood<br>in the conditioned<br>in a conditioned<br>metads and satisfy hood<br>in the conditioned<br>metads and the conditioned<br>metads and the conditioned<br>metads and the conditioned<br>metads and the conditioned<br>in the conditioned<br>metads and the conditis and the conditis<br>metads and the conditioned<br>metads and the cond  | al Inspection       Complies       Exception: Requirement does not apply.         21.       Complies       Exception: Requirement does not apply.         22.       Complies       Exception: Requirement does not apply.         23.       Complies       Exception: Requirement does not apply.         24.       Complies       Exception: Requirement does not apply.         25.       Complies       Exception: Requirement does not apply.         26.       Complies       Exception: Requirement does not apply.         27.       Complies       Exception: Requirement does not apply.         27.       Complies       Exception: Requirement does not apply.         27.       Complies       Exception: Requirement does not apply.         28.       Complies       Exception: Requirement does not apply.         29.       Complies       Exception: Requirement does not apply.         20.       Complies       Requirement will be met.         20.       Complies       Not Applicable         11.       Not Applicable       Not Applicable         20.       Not Applicable       Not Applicable         20.       Not Applicable       Complies:         20.       Complies:       Complies:         20.       Complies: <t< td=""><td>al inspection       Complies       Exception: Requirement does not apply.         2)       Complies       Not Applicable         2)       Complies       Exception: Requirement does not apply.         1       Complies       Exception: Requirement will be met.         1       Complies       Location on plans/spec: M-002         1       Not Observable       Not Applicable         1       Not Applicable       Complies         1       Medium Impact (Tier 1)       2         2       Medium Impact (Tier 2)       3         2       Complies       Complies         1       Does Not       Does Not         1       Do</td><td>at Inspection       Comples<br/>Does Not<br/>Does No</td><td>Image: Complex (Complex (C</td><td>manage temperature<br/>entilation (see sections</td><td>□Not Applicable</td><td></td></t<> | al inspection       Complies       Exception: Requirement does not apply.         2)       Complies       Not Applicable         2)       Complies       Exception: Requirement does not apply.         1       Complies       Exception: Requirement will be met.         1       Complies       Location on plans/spec: M-002         1       Not Observable       Not Applicable         1       Not
Applicable       Complies         1       Medium Impact (Tier 1)       2         2       Medium Impact (Tier 2)       3         2       Complies       Complies         1       Does Not       Does Not         1       Do  | at Inspection       Comples<br>Does Not<br>Does No                            | Image: Complex (Complex (C  | manage temperature<br>entilation (see sections  | □Not Applicable  |  |
| Ing Table C405.7.4(1)       Does Not         2).       Not Observable         Ind Applicable       Exception: Requirement does not apply.         Ist systems comply with attoins, and satisfy hood ments and maximum       Does Not         Ind Applicable       Does Not         Ind Applicable       Exception: Requirement does not apply.         Ind Applicable       Not Applicable         Ind Applicable       Not Applicable         Individual in the cooling.       Complies         Individual in the cooling.       Not Applicable         Individual in the cooling.       Not Applicable         Int Sections C403.4.3.1-       Ingle boiler systems         Ingle harder are limited in the Acoling.       Not Applicable         In High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         Inflammatic Applicable       Report date: 05/30         In High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         Interval       Repare the state are individual in the state are individu  
   
  | Ing rable C403.7.4(1)       Does Not         2).       Not Observable         Ist systems comply with<br>ir and conditioned<br>tations, and satisfy hood<br>ments and maximum       Complies         Does Not       Does Not         Applicable       Not Observable         Ind plenums insulated in<br>th C403.1.1 and<br>accordance with<br>ind recordance with<br>ind recordance with<br>coundation Inspection.       Exception: Requirement does not apply.         If Uids in hydronic       Complies<br>Does Not       Requirement will be met.         Doces Not       Not Applicable         Int Coolid, and the cooling<br>rave been previously<br>cooled, and the cooling<br>ave been previously<br>may been previously<br>cooled, and the cooling<br>and been greviously<br>may been previously<br>anales of the cooling<br>ingle boiler systems<br>// have multistaged or<br>irrer.       Requirement will be met.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page 3 of d         al Inspection       Complies?         Complies?       Comments/Assumptions         ifficate of occupancy.       Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not         Not Observable<br>ifficate of occupancy.       Complies?         Kequirement will be met.       Location on plans/spec: M-001         Not Applicable       Location on plans/spec: M-001         S/Assumptions:       Not   
   
   
   | Implement       Implement       Implement         2).       Implement       Implement         Inspection       Implement       Implement         Inspection       Implement       Implement         Implement       Implement   
  | al inspection       Complies         al inspection       Complies         basis       Exception: Requirement does not apply.         basis       Does Not         mot observable       Not observable         iriteria.       Complies         basis       Exception: Requirement does not apply.         Does Not       Does Not         iriteria.       Complies         basis       Does Not         iriteria.       Complies         basis       Does Not         iriteria.       Complies         basis       Does Not         iriteria.       Not Observable         Not Observable       Not Applicable         Not Observable       Not Observable         Not Observable       Not Applicable         Not Observable       Not Applicable         Not Observable       Requirement will be met.         Page       3 of         <   
  | al inspection       Complies         2).       Does Not         Bit Act Applicable       Exception: Requirement does not apply.         bit Actions, and satisfy hod       Not Observable         ing i and conditioned       Not Observable         and conditioned       Complies         plenums insulated in       Complies         Does Not       Does Not         infication may need to       Not Applicable         fulds in hydronic       Complies         nave been previously       Complies         Does Not       Does Not         Not Observable       Not Observable         Not Applicable       Not Applicable         Not Observable       Not Observable         Not Observable       Does Not         Not Observable       Not Observable         Not Observable       Not Applicable         Not Observable       Not Observable         Not Observable       Not Observable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         al Inspection       Complies         Does Not       Does Not   | al inspection       Complies         2).       Does Not         is and conditioned       Complies         is and conditioned       Does Not         is and conditioned       Onto Applicable         Into Applicable       Exception: Requirement does not apply.         is and conditioned       Onto Applicable         is and conditioned       Complies         is accordance with       Does Not         iffication may need to       Not Applicable         fillids in hydronic       Complies         is accordance with       Complies         is accordance with       Does Not         indicable       Does Not         indicable       Complies         is accordance with       Complies         indicable       Does Not         ingreport due to  
  | 1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)         1       Imp rate 2-403-7.4(1)       Imp rate 2-403-7.4(1)       Imp rate 2-40  
  | al       Loces Not         2).       Doces Not         bit of Observable       Complies         bit of Observable       Exception: Requirement does not apply.         bit of Observable       Doces Not         bit of Observable       Doces Not         control       Doces Not         bit of Observable       Doces Not         control       Doces Not         condation Inspection.       Not Applicable         filicits in hydronic       Doces Not         condation Inspection.       Doce Not         condation Inspection.       Doce Not         costion on plans/spec: M-002       Doces Not         costion on plans/spec: M-002       Page         ansion Boiler Replacement       Page         al Inspection       Complies         control       Complies         control       Requirement will be met.         page       3 of the open systems         incing report due to       Complies         conting report due to       Doces Not   
   | 12.       Does Not         27.       Over Observable         Not Applicable       Exception: Requirement does not apply.         Not Observable       Over Observable         Int Catalons, and satisfy hood       Does Not         Not Observable       Over Observable         Int Catalons, and satisfy hood       Does Not         Int Catalons, and the cooling       Does Not         Int Catalons, and the cooling       Complies         Requirement will be met.       Does Not         Int Sections C403, 4, 3, 1, mg       Not Observable         Not Observable       Not Observable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Observable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies   | 2).       Does Not         2).       Comples         is systems comply with       Comples         is and conditioned       Does Not         infication may need to       Not Observable         ind plenums insulated in       Complies         is and board of the cooling       Does Not         ind board and the cooling       Does Not         ind board and the cooling       Not Observable         Not Observable       Not Observable         Not Applicable       Not Observable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         an Inspection       Complies       Requirement will be met.         Page       3 of         ificate of accupary.       Not Observable <td>12.       Does Not         23.       Not Applicable         Systems comply with<br/>ir and conditioned<br/>tations, and sality hood<br/>ments and maximum.       Exception: Requirement does not apply.         10.       Does Not         11.       Complies<br/>outside to conditioned<br/>infraction may need to<br/>oundation inspection.       Exception: Requirement does not apply.         12.       Complies<br/>outside to complex<br/>increase with<br/>infraction may need to<br/>oundation inspection.       Exception: Requirement will be met.         13.       Does Not<br/>increase approximate<br/>into cooled, and the cooling<br/>inave been previously<br/>heated are limited in<br/>this sections C403.4.3.1.       Invert Applicable         14.       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2.       Inspection       Complies<br/>in have multistaged or<br/>imrer.       Complies<br/>insion Boiler Replacement       Requirement will be met.         14.       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2.       Solid       Complies<br/>infract of occupancy.       Does Not<br/>infract of occupancy.       Solid         3.       Not Observable<br/>infract of occupancy.       Does Not<br/>infract of
occupancy.       Not Observable<br/>infract of occupancy.       Not Applicable         s/Assumptions:       Solid in on plans/spec: M-001       Not Applicable</td> <td>Image: Cells / (41)       Woose Not         Bot Applicable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Applicable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement will be met.         Image: Cells / (41)       Does Not         Bot Observable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicab</td> <td>ergy recovery on</td> <td>Complies</td> <td>Exception: Requirement does not apply.</td>   | 12.       Does Not         23.       Not Applicable         Systems comply with<br>ir and conditioned<br>tations, and sality hood<br>ments and maximum.       Exception: Requirement does not apply.         10.       Does Not         11.       Complies<br>outside to conditioned<br>infraction may need to<br>oundation inspection.       Exception: Requirement does not apply.         12.       Complies<br>outside to complex<br>increase with<br>infraction may need to<br>oundation inspection.       Exception: Requirement will be met.         13.       Does Not<br>increase approximate<br>into cooled, and the cooling<br>inave been previously<br>heated are limited in<br>this sections C403.4.3.1.       Invert Applicable         14.       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2.       Inspection       Complies<br>in have multistaged or<br>imrer.       Complies<br>insion Boiler Replacement       Requirement will be met.         14.       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2.       Solid       Complies<br>infract of occupancy.       Does Not<br>infract of occupancy.       Solid         3.       Not Observable<br>infract of occupancy.       Does Not<br>infract of occupancy.       Not Observable<br>infract of occupancy.       Not Applicable         s/Assumptions:       Solid in on plans/spec: M-001       Not Applicable  | Image: Cells / (41)       Woose Not         Bot Applicable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Applicable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement does not apply.         Image: Cells / (41)       Does Not         Bot Observable       Exception: Requirement will be met.         Image: Cells / (41)       Does Not         Bot Observable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicab   | ergy recovery on  | Complies   | Exception: Requirement does not apply.   |
| all Inspection       Complies         all Inspection       Complies?         all Inspection       Complies?         Complies       Complies         Complicable       Requirement will be met.         Does Not       Does Not         Data Statisfy hood       Does Not         Data Applicable       Exception: Requirement does not apply.         Dess Not       Does Not         Statisfy and the cooling       Does Not         Statisfy and the cooling       Does Not         If Hids in hydronic       Complies         ave been previously       Not Observable         Not Observable       Not Observable         Not Observable       Not Applicable         Not Applicable       Coation on plans/spec: M-002         Not Applicable       Not Applicable         I High Impact (Tier 1)       2         Medium Impact (Tier 2)       3         Low Impact (Tier 3)       Report date: 05/30         Page       3 of 1         Page S of 1       Does Not         Infigure report due to right of 1       Complies?         Comments Addays of ificate of occupancy.       Complies Requirement will be met.         Location on plans/spec: M-001       Location on plans/spec: M-001   
   
  | all inspection       Complies       Exception: Requirement does not apply.         bit systems comply with air and conditioned tations, and satisfy hood ments and maximum interia.       Does Not       Exception: Requirement does not apply.         bit Applicable       Complies       Exception: Requirement does not apply.         bit Applicable       Does Not       Exception: Requirement does not apply.         cordance with accordance with acc  
   
   | al Inspection       Complies       Exception: Requirement does not apply.         al Inspection       Complies       Requirement will be met.         boolier systems       Not Applicable       Implicable         al Inspection       Complies       Complies         ioning report due to       Complies       Requirement will
be met.         ioolear, and the cooling       Contain on plans/spec: M-002         Page       3 of 1         Al Mapplicable       Requirement will be met.         ioning report due to       Complies         inverse       Complies         ifficate of occupancy.       Complies         inficate of occupancy.       Complies         is/Assumptions:       S/Assumptions:  
  | al Inspection       Complies       Exception: Requirement does not apply.         iir and conditioned       Does Not       Does Not         intoto, and satisfy hood       Not Observable       Exception: Requirement does not apply.         into a plenums insulated in       Complies       Exception: Requirement does not apply.         into a plenums insulated in       Complies       Exception: Requirement does not apply.         into Applicable       Not Observable       Not Observable         indication may need to       Not Observable       Does Not         indicate excertance with accordance with accordance with applicable       Not Observable       Does Not         indicate excertance with accordance with accordance with accordance with applicable       Not Observable       Does Not         ingle boiler systems       Not Applicable       Coation on plans/spec: M-002       Page 3 of 1         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)       Page 3 of 1         al Inspection       Complies:       Complies:       Requirement will be met.       Does Not         inting report due to       Complies:       Does Not       Requirement will be met.       Dof 1         page       3 of 1       Does Not       Does Not       Does Not       Does Not       Does Not   
  | al Inspection       Complies         al Inspection       Complies         al Inspection       Complies         bioing report due to<br>inoning report due to<br>inficate of occupancy.       Complies         al Inspection       Complies         bioing report due to<br>inficate of occupancy.       Complies         bioing report due to<br>inficate of occupancy.       Complies         cotation on plans/spec: M-001       Security         bioing report due to<br>inviting of occupancy.       Complies         cotation on plans/spec: M-001       Page         al Inspection       Complies         isoning report due to<br>ifficate of occupancy.       Complies         isoning report due to<br>i  | al Inspection       Complies       Exception: Requirement does not apply.         if addoes and maximum       Observable       Exception: Requirement does not apply.         if addoes and maximum       Observable       Exception: Requirement does not apply.         if addoes and maximum       Complies       Exception: Requirement does not apply.         if addoes and maximum       Does Not       Exception: Requirement does not apply.         if addoes and maximum       Does Not       Does Not         if addoes and maximum       Complies       Does Not         if addoes and maximum       Does Not       Does Not         if addoes and maximum       Complies       Does Not         if addoes and maximum       Complicable       Not Applicable         if addoes and maximum       Impact (Tier 1)       Impact (Tier 2)       Impact (Tier 3)         al Inspection       Complies       Complies       Page       3 of 1         if addoes of if if cate of occupancy.       Does Not       Does Not       Does Not   | al Inspection     Complies     Exception: Requirement does not apply.       Image: Style styl   
   
   | Linko Applicable       Exception: Requirement does not apply.         ir and conditioned<br>tations, and satisfy hood<br>ments and maximum       Doot Applicable       Exception: Requirement does not apply.         nd plenums insulated in<br>accordance with<br>inflication my need to<br>foundation Inspection.       Complies<br>Does Not<br>Does Not       Exception: Requirement does not apply.         filuids in hydronic       Complies<br>Does Not<br>Does Not       Requirement will be met.         iave been previously<br>nave been previously<br>hased are limited in<br>th Sections Cols 4.3.1.       Complies<br>Does Not<br>Does Not       Requirement will be met.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Page       3 of         al Inspection       Complies<br>Does Not<br>Does Not<br>Does Not       Requirement will be met.         share       Complies       Report date: 05/30         ansion Boiler Replacement       Does Not<br>Does Not<br>Does Not       Requirement will be met.         page       3 of         stassumptions:       Stassumptions:   | at systems comply with<br>ir and conditioned<br>tations, and satisfy hood<br>ments and maximum       Exception: Requirement does not apply.         Mot Applicable       Complies<br>one so to<br>accordance with<br>iffication may need to<br>oundation Inspection.       Exception: Requirement does not apply.         If uids in hydronic       Complies<br>Does Not<br>accordance with<br>iffication may need to<br>oundation Inspection.       Requirement will be met.         Does Not<br>accordance with<br>iffication may stems<br>to been previously<br>cabled, and the cooling<br>are been previously<br>mate been previously<br>mate been previously<br>and been yetens<br>if and inspection.       Requirement will be met.         Location on plans/spec: M-002       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Requirement will be met.       Page         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         an Inspection       Complies<br>Does Not<br>Not Applicable       Requirement will be met.         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies<br>Does Not<br>Not Applicable       Requirement will be met.         Does Not<br>Iffcate of occupancy.       Does Not<br>Not Applicable       Location on plans/spec: M-001         S/Assumptions:       S/Assumptions:       S/Assumptions  
  | al Inspection       Complies       Exception: Requirement does not apply.         al Inspection       Not Observable       Invertige         al Inspection       Not Applicable       Invertige         al Inspection       Complies       Exception: Requirement will be met.         al Inspection       Invertige       Invertige         al Inspection       Not Observable       Invertige         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Requirement will be met.         Boolier Replacement       Does Not       Page       3 of         al Inspection       Complies       Requirement will be met.       Does Not         Boolier Replacement       Does Not       Does Not       Does Not         Boolier Replacement       Does Not       Does Not       Does Not         Boolier Repla  
  | al inspection       Complies       Exception: Requirement does not apply.         bit does not address of a splicable       Complies       Exception: Requirement does not apply.         d plenums insulated in local back of the coloring and maximum riferation any need to oundation inspection.       Requirement will be met.         ind plenums insulated in local back of the coloring and the coloring and the coloring intervalue in accordance with model to complies       Requirement will be met.         ind plenums insulated in local back of the coloring intervalue in accordance with the sections C403.4.3.1.       Not Applicable         ind plenums insulated in local back of the coloring intervalue in the sections C403.4.3.1.       Not Applicable         ind plenums insulated in local back of the coloring intervalue in the sections C403.4.3.1.       Not Applicable         inthe sections C403.4.3.1.       Not Applicable         inthe sections C403.4.3.1.       Not Applicable         inthe sections C403.4.3.1.       Requirement will be met.         isoning report due to rimer.       Complies?         remeins Boiler Replacement       Complies?         al Inspection       Complies?         Accordan on plans/spec: M-001       Soft on plans/spec: M-001         iffcate of occupancy.       Not Applicable         Not Applicable       Not Applicable         s/Assumptions:       Soft on plans/spec: M-001  | Lawsparators and spin with conditioned additions, and satisfy hold Cobservable Does Not Applicable Does Not Applicable Does Not Cobservable Not Applicable N   | ng Table C403.7.4(1)<br>2).   | Does Not   |  |
| ir and conditioned<br>tations, and satisfy hood<br>ments and maximum<br>d plenums insulated in<br>th C403.11.1 and<br>accordance with<br>filoids in hydronic<br>accordance with<br>filoids in hydronic<br>ave been previously<br>sooled, and the cooling<br>ave been previously<br>ave been p  
   
   | ir and conditioned<br>tations, and satisfy hood<br>hents and maximum<br>riteria.<br>d plenums insulated in<br>th C403.11.1 and<br>accordance with<br>fication my need to<br>oundation Inspection.<br>fluids in hydronic<br>nave been previously<br>coled, and the cooling<br>ave been previously<br>not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Requirement will be met.<br>Location on plans/spec: M-002<br>Mot Observable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Augument will be met.<br>Location on plans/spec: M-002<br>Mot Observable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Augument will be met.<br>Location on plans/spec: M-002<br>Mot Observable<br>al Inspection<br>ficate of occupancy.<br>Not Observable<br>Not Observable<br>Complies<br>Augument will be met.<br>Location on plans/spec: M-002<br>Requirement will be met.<br>Location on plans/spec: M-002<br>Requirement will be met.<br>Complies<br>Requirement will be met.<br>Complies<br>Augument date: 05/30<br>Page 3 of ficate of occupancy.<br>Not Observable<br>Not Observable<br>Location on plans/spec: M-001<br>Not Applicable<br>Location on plans/spec: M-001<br>Solution on plans/spec: M-01<br>Sol  
   
   | ir and conditioned Does Not Not Applicable Not Applicable dations, and satisfy hood Not Applicable Not Applicable Not Applicable Not Applicable Complies Complex Not Applicable Complex   
   
   | ir and conditioned<br>ments and maximum<br>riteria.<br>dot Applicable<br>accordance with<br>rffication may need to<br>conduct on Inspection.<br>Tudis in Mydronic<br>have been previously<br>coled, and the cooling<br>ave been previously<br>reated are limited in<br>th Sections C403.4.3.1.<br>The Sections C403.4.3.<br>The Sections C403.4.3.1.<br>The Sections C4   
   | ir and conditioned  Interions, and satisfy hood ments and maximum Triteria. Interions, and satisfy hood Mot Applicable Interions, insulated in Complies Triteria. Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-002 Interions, insulated in The sections C403.4.3.1. The section on plans/spec: M-001 Interions, insulated in The section on plans/spec: M-001 Interi   | ir and conditioned Does Not Instructioned Does Not Applicable Instructions, and satisfy hood Does Not Applicable Instruction may need to Does Not Applicable Instruction may need to Does Not Do  | ir and conditioned  
   | ir and conditioned<br>atoms, and satisfy hood<br>ments and maximum<br>the C40.31.1 and<br>accordance with<br>ad plenums insulated in<br>th C40.31.1 and<br>accordance with<br>ad control on plans (Spec: M-002<br>Truids in hydronic<br>may been previously<br>coled, and the cooling<br>book Not<br>book Applicable<br>Not Observable<br>Not Observable<br>Not Applicable<br>location on plans/spec: M-002<br>Complies<br>Does Not<br>Complies<br>Does Not<br>Does Not<br>Complies<br>Page 3 of (<br>Al Inspection<br>Complies<br>Does Not<br>Does Not<br>Page 3 of (<br>SAssumptions:   
  | ir and conditioned<br>leations, and satisfy hood<br>ments and maximum<br>Ant Observable<br>di plenums insulated in<br>accordance with<br>fifuids in hydronic<br>have been previously<br>cooled, and the cooling<br>loo Observable<br>Not Observable<br>Not Observable<br>Not Observable<br>Not Applicable<br>Location on plans/spec: M-002<br>location on plans/spec: M-001<br>location on plans/spec: M-001<br>s/Assumptions:  | ir and conditioned<br>ments and maximum<br>Ant Observable<br>oundation inspection.<br>fuids in hydronic<br>have been previously<br>cooled, and the cooling<br>make been previously<br>cooled, and the cooling<br>accordance with<br>fituds in hydronic<br>have been previously<br>cooled, and the cooling<br>bot Observable<br>Not Applicable<br>Not Applicable<br>Location on plans/spec: M-002<br>the Sections Cool<br>and Complies<br>Location on plans/spec: M-002<br>the Sections Cool<br>and Cool and the cooling<br>bot Observable<br>Not
Applicable<br>Location on plans/spec: M-002<br>The Sections Cool<br>and the sections Cool<br>and the section Cool<br>and   | ir and conditioned and statisty hood Mot Observable Not Applicable Accordance with C403.1.1.1 and Camples Camples Camples Comples Condition Inspection. Not Applicable Comples Condition Inspection. Comples Condition Comples Complex Comples Comples Comples Complex Compl  | ir and conditioned allows and statistics and statisty hold allows and statisty and allows and statisty hold allows Applicable with 4043.11.3 and Does Not Applicable Not Applicable Not Applicable Not Applicable Complex accordance with Does Not Applicable Does Not Does Not Applicable Does Not Applicable Not   | st systems comply with  | Complies   | Exception: Requirement does not apply.   |
| riteria. INot Applicable<br>d plenums insulated in<br>th C403.11.1 and<br>accordance with<br>"fification may need to<br>oundation Inspection.<br>filuids in hydronic<br>lave been previously<br>cooled, and the cooling<br>lave been previously<br>cooled are limited in<br>th Sections C403.4.3.1.<br>I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)<br>ension Boiler Replacement<br>al Inspection<br>loning report due to<br>rwithin 90 days of<br>ificate of occupancy.<br>I Not Observable<br>Complies<br>Complies Requirement will be met.<br>Complies Requirement will be met.<br>Location on plans/spec: M-001<br>Complies Requirement will be met.<br>Location on plans/spec: M-001   
   
  | riteria. UNot Applicable<br>d plenums insulated in<br>th C403.11.1 and<br>accordance with<br>Thidis in hydronic<br>have been previously<br>coled, and the cooling<br>have been previously<br>coled, and the cooling<br>have been previously<br>coled, and the cooling<br>Not Observable<br>Not Observable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Location on plans/spec: M-002<br>Triner.<br>1 High Impact (Tier 1)<br>2 Medium Impact (Tier 2)<br>al Inspection<br>to ining report due to<br>page<br>ioning report due to<br>Not Applicable<br>Requirement will be met.<br>Location on plans/spec: M-002<br>Page<br>3 of e<br>S/Assumptions:<br>Exception: Requirement (Tier 2)<br>Comments/Assumptions<br>Location on plans/spec:
M-001<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complies<br>Complie   
   
   | Interia.       Interial       Interial       Interial         Id plenums insulated in<br>th C403.11.1 and<br>accordance with<br>infication may need to<br>oundation Inspection.       Interial       Exception: Requirement does not apply.         Interial       Interial       Interial       Interial       Interial       Interial         Interial       Interial       Interial       Interial       Interial       Interial       Interial         Interial       Interial       Interial       Interial       Interial       Interial       Interial       Interial  
  | Inspection       Complies       Exception: Requirement does not apply.         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies       Requirement will be met.         I high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies       Requirement will be met.         I high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies       Requirement will be met.         I Addition Booler Replacement       Complies       Requirement will be met.         I high Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies       Requirement will be met.         I high Impact (Tier 1)       Complies       Requirement will be met.         I high Solution       Does Not       Does Not         Intra Solution       Complies       Requirement will be met.         I hour Applicable       Solution on plans/spec: M-001       Solution on plans/spec: M-001         I hour Applicable       Not Applicable       Solution on plans/spec: M-001  
  | Image: Second   | Interia.       LNot Applicable         Ind plenums insulated in coordance with inflication may need to oundation inspection.       Not Observable         Indidation inspection.       Not Applicable         Indidation inspection.       Complies         Does Not       Does Not         Indidation inspection.       Complies         Does Not       Does Not         Indidation inspection.       Not Observable         Does Not       Does Not         Indidation inspection.       Not Observable         Not Observable       Not Observable         Not Observable       Not Observable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         Not Applicable       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Requirement will be met.       Page 3 of (Page 3   
   | al Inspection       Complies       Exception: Requirement does not apply.         al Inspection       Complies       Complies         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Complies         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Complies         al Inspection       Complies       Complies         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Requirement will be met.         al Inspection       Complies       Requirement will be met.         boes Not       Complies       Requirement will be met.         boes Not       Complies       Requirement will be met.         boes Not       Complies       Complies         Not Observable       Complies       Complies         Not Applicable       Not Applicable       Soft         s/Assumptions:       Soft       Soft   
   | al Inspection       Complies<br>(Complies)       Exception: Requirement does not apply.         indication migreent<br>oundation inspection.       Not Observable<br>(Does Not<br>Does Not<br>Systems       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         al Inspection       Complies<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Not Observable       Requirement will be met.       0////////////////////////////////////  
  | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)  al Inspection Inspection Inspection Complies Complies Complies Complies Complex Requirement will be met. Location on plans/spec: M-002  al Inspection Complies Compli   | Inder Applicable inder Complies induction inspection inder Complex inde   | riteria. Inspection (Comples Comples C  | Iteria. UNot Applicable Screption: Requirement does not apply.<br>b C403.11.1 and Does Not Does Vable Does Not Does Vable Does Not Does Vable Does
Not Does Vable Does Not Does  | ir and conditioned<br>ations, and satisfy hood<br>nents and maximum   | Does Not Not Observable  |  |
| accordance with critication may need to oundation inspection.       Does Not         iffuids in hydronic have been previously coled, and the cooling have been previously heated are limited in th Sections C403.4.3.1. and looks Not Applicable       Requirement will be met.         in accordance with rification may need to oundation inspection.       Ocomplies       Requirement will be met.         in accordance with rification on previously coled, and the cooling have been previously heated are limited in th Sections C403.4.3.1.       Does Not         ingle boiler systems th have multistaged or irrner.       Not Applicable       Location on plans/spec: M-002         in High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30C         Page       3 of i         al Inspection       Complies         ioning report due to rwithin 90 days of ficate of occupancy.       Complies   
   
  | a coordance with<br>accordance with<br>infication may need to<br>oundation Inspection.       Does Not<br>Not Applicable       Accordance with<br>Not Observable<br>Not Applicable         filuids in hydronic<br>nave been previously<br>beated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>/h have multistaged or<br>irrner.       Requirement will be met.<br>Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         2 mesion Boiler Replacement       Report date: 05/30<br>Page       3 of 6         al Inspection       Complies<br>Does Not<br>Within 90 days of<br>Within 90 days of<br>Ifficate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Observable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       Not Observable       Complies<br>Does Not<br>Not Observable       Requirement will be met.<br>Location on plans/spec: M-001   
   
   
   | accordance with<br>accordance with<br>oundation Inspection.       Does Not<br>Not Applicable       Requirement will be met.         filuids in hydronic<br>nave been previously<br>accoled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>if have multistaged or<br>irrer.       Complies<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Requirement will be met.       05/30         Page       3 of 6         al Inspection       Complies<br>Does Not<br>ificate of occupancy.       Requirement will be met.         Not Applicable       Complies<br>Does Not       Requirement will be met.         al Inspection       Complies<br>Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         box Not<br>Mot Applicable       Complies<br>Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         box Not Applicable       Does Not<br>Does Not<br>Not Applicable       Cotation on plans/spec: M-001         s/Assumptions:       S/Assumptions:       Solution of the state of t   
   | a coordance with<br>accordance with<br>infication my need to<br>boundation Inspection.       Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         ffuids in hydronic<br>nave been previously<br>hased are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>// have multistaged or<br>mrer.       Requirement will be met.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         a Inspection       Complies<br>Does Not<br>Does Not       Requirement will be met.         a Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>fficate of occupancy.       Complies<br>Does Not<br>Does Not<br>Does Not       Requirement will be met.         s/Assumptions:       S/Assumptions:   
   | accordance with<br>accordance with<br>file Compression<br>wave been previously<br>colled, and the cooling<br>ave been previously<br>beated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>fh have multistaged or<br>irrer.       Requirement will be met.<br>Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ansion Boiler Replacement       Complies<br>Page       3 of 6         al Inspection       Complies<br>Complies<br>Mot Applicable       Requirement will be met.<br>Location on plans/spec: M-002         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>rwithin 90 days of<br>Mot Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       Not Applicable       Complies<br>Not Applicable   | accordance with<br>accordance with<br>incitation my need to<br>oundation inspection.       Does Not<br>Not Observable<br>Not Applicable         fluids in hydronic<br>nave been previously<br>coled, and the cooling<br>ave been previously<br>heated are limited in<br>the Sections C403.4.3.1.<br>ngle boiler systems<br>that Sections C403.4.3.1.<br>gle boiler   | a corrance with
iffication may need to oundation inspection.       Does Not Not Observable         filuids in hydronic ave been previously coled, and the cooling law been previously neated are limited in Does Not Applicable       Requirement will be met.         Not Observable       Does Not       Coration on plans/spec: M-002         Not Applicable       Not Applicable       Coration on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Requirement will be met.       Page 3 of 6         al Inspection       Complies: Does Not Does N  
   | a containe in constance with iffication may need to oundation inspection.       Complies Does Not Does not Does Not Applicable Not Applicable Not Applicable Does Not Does   | a containe induced in the contained in the   
  | a construction       Complies         i accordance with<br>accordance with<br>inflication may need to<br>oundation Inspection.       Does Not<br>inflication may need to<br>oundation Inspection.       Requirement will be met.         i Mot Applicable       Does Not<br>insected are limited in<br>this Sections C403.4.3.1.<br>inple boiler systems<br>th have multistaged or<br>irrer.       Requirement will be met.         i High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ansion Boiler Replacement       Complies?       Comments/Assumptions         al Inspection       Complies?       Requirement will be met.         ioning report due to<br>wither of occupancy.       Complies?       Requirement will be met.         ioning report due to<br>with Observable       Complies       Requirement will be met.         ioning report due to<br>with Observable       Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not<br>Does Not       Requirement will be met.         ioning report due to<br>with Observable       Complies?       Requirement will be met.         isolation on plans/spec: M-001       Not Applicable       S/Assumptions:   | a consist in control       Complices         a condrace with<br>infloation inspection.       Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         2 Medium Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         al Inspection       Complies<br>Does Not<br>Does Not<br>Does Not       Requirement will be met.         al Inspection       Complies<br>Does Not<br>Does Not       Requirement will be met.         al Inspection       Complies<br>Does Not<br>Does Not       Requirement will be met.         al Inspection       Complies<br>Does Not<br>Does Not       Requirement will be met.         Job Does Not<br>Does Not<br>Does Not       Does Not<br>Does Not       Not Applicable         s/Assumptions:       S/Assumptions:       Not Applicable   
  | Inspection     Comples   | riteria.  | LNot Applicable  | Exception: Requirement does not apply  |
| Image: Section and reaction in any need to coundation Inspection.       Not Applicable         If fluids in hydronic nave been previously cooled, and the cooling nave been previously cooled, and the cooling nave been previously heated are limited in the Sections C403.4.3.1- ngle boiler systems // have multistaged or irrner.       Requirement will be met.         Location on plans/spec: M-002       Not Applicable         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30 Page 3 of 1         Page 3 of 1       Page 3 of 1         ioning report due to r within 90 days of ficate of occupancy.       Complies Does Not Doservable Not Observable Not Not Observable Not Observable Not   
   
   | al Inspection       Complies       Complies         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Requirement will be met.       Docs Not         al Inspection       Complies?       Comments/Assumptions         initia 90 days of rwithin 90 days of       Complies?       Requirement will be met.         isolar report due to r within 90 days of       Complies?       Requirement will be met.         isolar report due to r within 90 days of       Complies       Requirement will be met.         isolar report due to r within 90 days of       Does Not       Does Not         ifficate of occupancy.       Complies       Requirement will be met.         s/Assumptions:       Location on plans/spec: M-001       Location on plans/spec: M-001  
   
   
  | Intervention of the coloring of  
   | Incomplexed of complexed to complexed to complexed to complexe been previously have been previously cold, and the cooling c   
   | Incodince with<br>foundation Inspection.       Not Observable<br>Not Applicable         If fluids in hydronic<br>nave been previously<br>cooled, and the cooling<br>nave been previously<br>not Applicable       Requirement will be met.<br>Page 3 of (<br>Page 3   | al Inspection       Complies       Requirement will be met.         biondation Inspection.       Does Not         fluids in hydronic       Does Not         al Inspection       Not Observable         al Inspection       Complies         al Inspection       Complies         ionig report due to       Complies         ifficate of occupancy.       Does Not         ioning report due to       Complies         states       Requirement will be met.         Location on plans/spec: M-001       Soft         states       Does Not         ifficate of occupancy.       Complies         states       Requirement will be met.         Location on plans/spec: M-001       Soft         states       Does Not         ifficate of occupancy.       Does Not         states       Soft         states       Soft         states       Soft  | Image: Description of the control o   
   | Indecendence       INot Observable         filuids in hydronic       Does Not         awe been previously       Does Not         Indecendence       Into Observable         Introduct       Into Observable         In  
   | aucusture min       INot Observable         fluids in hydronic       Compiles         ave been previously       Does Not         ave been previously       INot Observable         Index previously       Index previously         Index previo   | Indecident of the second se   
   | al unspection       Complies       Requirement will be met.         Tridia in my need to invake deen previously cooled, and the cools Not invake deen previously involves the sections C403.4.3.1.       Location on plans/spec: M-002         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Requirement will be met.         Page       3 d1         al Inspection       Complies?         Comments/Assumptions       Requirement will be met.         Page       3 d1         store of coupany.       Complies?         Action on plans/spec: M-001       Page         Store of coupany.       Complies?         Store of coupany.       Complies         Store of coupany.       Complies         Not Applicable       Costion on plans/spec: M-001         Store of coupany.       Complies         Store of coupany.       Complies         Not Applicable       Location on plans/spec: M-001         Store of coupany.       Store of coupany.         Store of coupany.   | accounter with<br>undation inspection.       Into to bservable<br>individual in hydroxine with the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         individual in hydroxine with the met.       Into the met.         Interection       Complies?       Requirement will be met.         Interection       Interection on plans/spec: M-001       Interection on plans/spec: M-001         Interection       Interection on plans/spec: M-001       Interection on plans/spec: M-001         //Assumptions:       Interection on plans/spec: M-001       Interection on plans/spec: M-001  | th C403.11.1 and  | Does Not   | Exception. Requirement does not apply.   |
| fluids in hydronic<br>nave been previously<br>cooled, and the cooling<br>lave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>/h have multistaged or<br>rmer.       Requirement will be met.       Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       Page       3 of 1       Page       3 of 1         al Inspection       Complies?       Comments/Assumptions       Page         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not       Requirement will be met.       Location on plans/spec: M-001   
   
  | fluids in hydronic<br>nave been previously<br>cooled, and the cooling<br>nave been previously<br>meated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>// have multistaged or       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page       05/30         al Inspection       Complies<br>Does Not<br>Ificate of occupancy.       Complies<br>Does Not<br>Impact (Tier 2)       Requirement will be met.         ioning report due to<br>r within 90 days of<br>Ificate of occupancy.       Complies<br>Does Not<br>Impact Applicable       Requirement will be met.         s/Assumptions:       S/Assumptions:       Complias   
   
   
   | fluids in hydronic<br>nave been previously<br>cooled, and the cooling<br>lave been previously<br>neated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>(h have multistaged or<br>mer.       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         3       Ension Boiler Replacement       Report date: 05/30<br>Page       05/30<br>Page         al Inspection       Complies<br>Does Not<br>Does Not<br>Invithin 90 days of<br>iffcate of occupancy.       Requirement will be met.       Location on plans/spec: M-001         5/Assumptions:       S/Assumptions:       S/Assumptions       S/Assumptions   
  | fluids in hydronic<br>nave been previously<br>cooled, and the cooling<br>have been previously<br>neated are limited in<br>th Sections C403.4.3.1.<br>ngle boiler systems<br>th have multistaged or<br>irner.       Requirement will be met.<br>Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page       3 of f         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>iffcate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       Not Observable       Location on plans/spec: M-001  
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>hot Observable<br>beated are limited in<br>h Sections C403.4.3.1.<br>ngle boiler systems<br>h have multistaged or<br>rrner.       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         3       Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         3       Ension Boiler Replacement       Requirement will be met.       Page       3 of d         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>rifticate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Observable<br>Not Observable       Requirement will be met.         Jong boild of the complication       Does Not<br>Does Not<br>Does Not<br>Not Observable       Location on plans/spec: M-001         5/Assumptions:       S/Assumptions:       S/Assumptions       S/Assumptions  | Inidia in hydronic<br>have been previously<br>lave been previously<br>have been previously<br>lave been previously<br>l  
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>have been previously<br>meated are limited in<br>th Sections C403.4.3.1.<br>ngle boiler systems<br>fh have multistaged or<br>irrer.       Requirement will be met.<br>Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30<br>Page 3 of to<br>Page 4  
  | fluids in hydronic<br>have been previously<br>ave been previously<br>abe ben previously<br>the cooling<br>ave been previously<br>abed are limited in<br>th Sections C403.4.3.1.<br>ngle boiler systems<br>/h have multistaged or<br>irrer.       Requirement will be met.<br>Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         al Inspection       Complies?       Comments/Assumptions       Page       3 of the servable<br>Does Not<br>Mot Applicable         al Inspection       Complies?       Comments/Assumptions       Requirement will be met.<br>Does Not<br>Not Applicable         s/Assumptions:       S       S       S  
   | fluids in hydronic<br>have been previously<br>lave been previously<br>what Applicable       Complies<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-002         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         Inspection       Complies<br>Complies       Requirement will be met.         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         Inspection       Complies<br>Complies       Requirement will be met.       0/200         Ioning report due to<br>Iffcate of occupancy.       Complies<br>Not Observable       Requirement will be met.       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:       S/Assumptions:       S/Assumptions:       S/Assumptions:  | fluids in hydronic<br>have been previously<br>ave been previously<br>meade are limited in<br>th Sections C403.4.3.1.<br>Big boiler systems<br>if have mutistaged or<br>mer.       Requirement will be met.<br>Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)       Page       3 of 1         al Inspection       Complies?       Comments/Assumptions       Page       3 of 1         al Inspection       Complies?       Comments/Assumptions       Location on plans/spec: M-001       Location on plans/spec: M-001         %/Assumptions:       Not Applicable       S/Assumptions:       S/Assumptions:       S/Assumptions  
   | fluids in hydronic<br>have been previously<br>ave been previously<br>meated are limited in<br>th Sections C403.4.3.1.<br>The boiler systems<br>in have multistaged or<br>mer.       Requirement will be met.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         1       Does Not<br>Impact Impact Impa  | fluids in hydronic Complies   ooted, and the cooling Ootes Not   ooted, and the cooling Not Applicable     Ison Boiler systems   have multistaged or     rere.     Injgh binpact (Tier 1)     2   Medium Impact (Tier 2)   3   Low Impact (Tier 3)     Requirement will be met.   Insion Boiler Replacement     Page   3   Insion Boiler Replacement     Requirement will be met.   Page   3   Insion Boiler Replacement     Requirement will be met.     Page   3   Insion Boiler Replacement     Requirement will be met.     Page   3   Insion Boiler Replacement     Complies   Requirement will be met.   Not Observable   Not Observable   Not Observable   Not Observable   Not Observable   Not Applicable     Vitasumptions:  | ification may need to oundation Inspection.   | □Not Observable<br>□Not Applicable   |                          
   |
| Interspection       Complies?       Comments/Assumptions         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I I Ampact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I I Inspection       Complies?       Requirement will be met.       Page       3 of 1         I Inspection       Complies       Requirement will be met.       Location on plans/spec: M-001       Location on plans/spec: M-001   
   
  | Inverse       UDoes Not         UDoes Not       UDoes Not         Inverse       Not Observable         Inverse       Not Applicable         Inverse       Not Applicable         Inverse       Not Applicable         Inverse       Inverse         Inverse       Inverse<   
   
   
   | Iave useen previously cooled, and the cooling have been previously heated are limited in this Sections C403.4.3.1-ngle boiler systems // have multistaged or irner.       Location on plans/spec: M-002         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30       Page       3 of (         al Inspection       Complies?       Comments/Assumptions         ioning report due to rwithin 90 days of ificate of occupancy.       Complies       Requirement will be met.         Location on plans/spec: M-001       Not Applicable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:       S/Assumptions  
  | Inverse       Does Not         Inverse       Inverse         Inverse       Inverse <td< td=""><td>Inverse       Imperviously<br/>Imperviously<br/>ave been previously<br/>heated are limited in<br/>th Sections C403.4.3.1-<br/>ngle boiler systems<br/>if have multistaged or<br/>irrner.       Location on plans/spec: M-002         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br/>Page       3 of (         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>rwithin 90 days of<br/>ifficate of occupancy.       Complies<br/>Not Observable<br/>Not Observable       Requirement will be met.         JNot Observable<br/>Not Applicable       Location on plans/spec: M-001       Location on plans/spec: M-001         s/Assumptions:       s/Assumptions:       s/Assumptions:</td><td>Inverse       Image bases Not         Image been previously       Not Observable         Image being reviously       Not Applicable         Image being reviously       Report date: 05/30         Page       3 of 1         Image report due to       Complies?         Image report due to       Complies         Image report due to       Complies         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Observable         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Observable         Image report due to       Not Observable         Image report due to       Soft date: 05/30         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Applicable      &lt;</td><td>Inverteer previously cooled, and the cooling invertee are limited in the cooling invertee are limited in the sections C403.4.3.1. nojle boiler systems if have multistaged or inner.       Location on plans/spec: M-002         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30         Page       3 of the systems in the second system in</td><td>Inverse       UDes Not         Image beap reviously       Image boiler systems         Image boiler systems       Report date: 05/30         Page       3 of 1         Page       3 of 1         Image boiler systems       Requirement will be met.         Image boiler systems       Image box of 1         Ifficate of occupancy.       Image box of 1         Image box of 1       Image box of 1</td><td>Indecemption       Locestion on plans/spec: M-002         Indecemption       Not Observable         Indecemption       Not Applicable         Indecemption       Indecemption         Indecemption       Indecemption<td>alve been previously<br/>have been previously<br/>th Sections C403.4.3.1.<br/>gle boiler systems<br/>th have multistaged or<br/>inner.       Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30<br/>Page: 3 of 1         al Inspection       Complies?         Complies       Requirement will be met.         Ining report due to<br/>rwithin 90 days of<br/>fiftate of occupancy.       Complies<br/>Does Not<br/>Not Observable         Not Observable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:</td><td>IDees Not     Does Not     Does Not     Not Observable     Not Applicable 
   Not Ap</td><td>ave user in previously<br/>ave been previously<br/>ave been previously<br/>inde bolier systems<br/>have multistaged or<br/>mer.       Location on plans/spec: M-002         High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         Insion Boiler Replacement      </td><td></td><td>Complies</td><td>Requirement will be met.</td></td></td<> | Inverse       Imperviously<br>Imperviously<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>if have multistaged or<br>irrner.       Location on plans/spec: M-002         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         I High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page       3 of (         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>rwithin 90 days of<br>ifficate of occupancy.       Complies<br>Not Observable<br>Not Observable       Requirement will be met.         JNot Observable<br>Not Applicable       Location on plans/spec: M-001       Location on plans/spec: M-001         s/Assumptions:       s/Assumptions:       s/Assumptions:  | Inverse       Image bases Not         Image been previously       Not Observable         Image being reviously       Not Applicable         Image being reviously       Report date: 05/30         Page       3 of 1         Image report due to       Complies?         Image report due to       Complies         Image report due to       Complies         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Observable         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Observable         Image report due to       Not Observable         Image report due to       Soft date: 05/30         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Does Not         Image report due to       Not Applicable      <  | Inverteer previously cooled, and the cooling invertee are limited in the cooling invertee are limited in the sections C403.4.3.1. nojle boiler systems if have multistaged or inner.       Location on plans/spec: M-002         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         I High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30         Page       3 of the systems in the second system in  
   | Inverse       UDes Not         Image beap reviously       Image boiler systems         Image boiler systems       Report date: 05/30         Page       3 of 1         Page       3 of 1         Image boiler systems       Requirement will be met.         Image boiler systems       Image box of 1         Ifficate of occupancy.       Image box of 1         Image box of 1       Image box of 1  
  | Indecemption       Locestion on plans/spec: M-002         Indecemption       Not Observable         Indecemption       Not Applicable         Indecemption       Indecemption         Indecemption       Indecemption <td>alve been previously<br/>have been previously<br/>th Sections C403.4.3.1.<br/>gle boiler systems<br/>th have multistaged or<br/>inner.       Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30<br/>Page: 3 of 1         al Inspection       Complies?         Complies       Requirement will be met.         Ining report due to<br/>rwithin 90 days of<br/>fiftate of occupancy.       Complies<br/>Does Not<br/>Not Observable         Not Observable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:</td> <td>IDees Not     Does Not     Does Not     Not Observable     Not Applicable     Not Ap</td> <td>ave user in previously<br/>ave been previously<br/>ave been previously<br/>inde bolier systems<br/>have multistaged or<br/>mer.       Location on plans/spec: M-002         High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         Insion Boiler Replacement      </td> <td></td> <td>Complies</td> <td>Requirement will be met.</td>  | alve been previously<br>have been previously<br>th Sections C403.4.3.1.<br>gle boiler systems<br>th have multistaged or<br>inner.       Location on plans/spec: M-002         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30<br>Page: 3 of 1         al Inspection       Complies?         Complies       Requirement will be met.         Ining report due to<br>rwithin 90 days of<br>fiftate of occupancy.       Complies<br>Does Not<br>Not Observable         Not Observable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:   
   | IDees Not     Does Not     Does Not     Not Observable     Not Applicable     Not Ap   | ave user in previously<br>ave been previously<br>ave been previously<br>inde bolier systems<br>have multistaged or<br>mer.       Location on plans/spec: M-002         High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         Insion Boiler Replacement   |   | Complies   | Requirement will be met.   |
| Inve been previously heated are limited in the Sections C403.4.3.1- ngle boiler systems // have multistaged or irner.       Invertice for the systems // have multistaged or irner.         I High Impact (Tier 1)       Impact (Tier 1)       Impact (Tier 2)       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         inticate of occupancy.       Impact (Tier 3)         ificate of occupancy.       Impact (Tier 3)         ificate of occupancy.       Impact (Tier 3)         ificate of occupancy.       Impact (Tier 3)   
   
  | Inve over previously       Inve over an inited in         Index of are limited in       Inverticable         Interview       Interview         Interview       Interview         Interview       Interview         Interview       Interview         Interview       Interview         Interview       Interview   
   
   
  | Iave usern previously heated are limited in the Sections C403.4.3.1-       Not Applicable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of i         ioning report due to r within 90 days of ifficate of occupancy.       Complies         Not Observable       Does Not         Not Observable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:   
   | Iave usern previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>/h have multistaged or<br>rmer.       Not Applicable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page       3 of t         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>rwithin 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable       S/Assumptions:   
   | Investigned initial initinitial initinitial initial initial initial initial ini   | Iave usen previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>if have multistaged or<br>rrner.       Not Applicable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30<br>Page 3 of 1         al Inspection       Complies?         rwithin 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Applicable         Not Applicable       Location on plans/spec: M-001         s/Assumptions:       s/Assumptions:  | lave been previously instead are limited in th Sections C403.4.3.1. ngle boiler systems in have multistaged or inner.       Image:  
   
   | Iave user previously instead are limited in the Sections C403.4.3.1. ngle boile systems // have multistaged or irrner.       I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)         1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)       Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30 Page 3 of 1         al Inspection       Complies?         rwithin 90 days of ifficate of occupancy.       Does Not Does Not Does Not Not Applicable         JNot Observable       Location on plans/spec: M-001         s/Assumptions:       s/Assumptions:   | lave user previously made are limited in th Sections C403.4.3.1. ngle boiler systems // have multistaged or irrer.       INot Applicable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 1         al Inspection       Complies?         rwithin 90 days of [ficate of occupancy.]       Not Observable [Not Applicable]         Inficate of occupancy.]       Not Observable [Not Applicable]         s/Assumptions:       S/Assumptions:  
  | Iave usern previously<br>the based are limited in<br>the sections C403.4.3.1.<br>ngle boiler systems<br>/h have multistaged or<br>irrer.       Iave multistaged or<br>irrer.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement   
  | Iave been previously       Not Applicable         Ih sections C403.4.3.1-       Not Applicable         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boller Replacement       Report date: 05/30         Page       3 of 1         al Inspection       Complies?         comments/Assumptions         ioning report due to       Complies         r within 90 days of       Does Not         Ificate of occupancy.       Not Observable         Not Observable       Iocation on plans/spec: M-001         s/Assumptions:       S/Assumptions  | Just Deep If EV1005/y       Not Applicable         In Sections C403.4.3.1       Not Applicable         In Sections C403.4.3.1       Report data: 05/30         In have multistaged or mer.       Report data: 05/30         Insion Boiler Replacement       Page 3 of 1         Page       3 of 1         Inspection       Complies:         Requirement will be met.       Does Not         Does Not       Does Not         Not Applicable       Location on plans/spec: M-001         Not Applicable       V/Assumptions:  | fluids in hydronic  | a le se s  |  |
| Inspection       Complies?         Complies?       Comments/Assumptions         Ining report due to rwithin 90 days of ifficate of occupancy.       Complies         Requirement will be met.       Location on plans/spec: M-001  
   
  | th sections C403.4.3.1-<br>ngle boiler systems<br>I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)<br>ension Boiler Replacement Replacement Replacement Page 3 of 6<br>Page 3<br>Page 3<br>Pag  
   
  | th sections C403.4.3.1-<br>ngle boiler systems h<br>h have multistaged or riner.<br>1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)<br>ension Boiler Replacement Report date: 05/30<br>Page 3 of 4<br>Page 4<br>Pag  
   
  | al Inspection Complies   al Inspection Complies   revision greport due to Complies   rwithin 90 days of Does Not   ificate of occupancy. Complicable   Requirement will be met.  Location on plans/spec: M-001 S/Assumptions:  
  | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) ension Boiler Replacement Report date: 05/30 Page 3 of 1 Page 4 Page   | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) ansion Boiler Replacement  al Inspection Complies   | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) ansion Boiler Replacement  al Inspection Complies? Comments/Assumptions al Inspection Complies Not Observable Not Applicable s/Assumptions:   
   | In Sections C403.4.3.1-<br>ngle boiler systems<br>// have multistaged or<br>mer.<br>I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)<br>ension Boiler Replacement Report date: 05/30<br>Page 3 of (<br>Page 3  
   | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)     ansion Boiler Replacement   | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) ansion Boiler Replacement  Al Inspection  Complies?  Comments/Assumptions  al Inspection  Complies?  Comments/Assumptions  Requirement will be met.  Does Not  Does Not  Not Observable  S/Assumptions:   
   | I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)  I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)  Insion Boiler Replacement  Report date: 05/30 Page 3 of t  Inspection Complies? Comments/Assumptions  Instructure and the set of the   | In sections (403.4.3.1.<br>have multistaged or<br>incr.<br>Itigh Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)<br>Ision Boiler Replacement Report date: 05/30<br>Page 3 of<br>Page 3 of<br>Page 3 of<br>Inspection Complies<br>Does Not<br>Does Not<br>Does Not<br>Not Observable<br>Not Observable<br>Not Applicable<br>//Assumptions:   | fluids in hydronic<br>have been previously<br>cooled, and the cooling   
   | Does Not   | Location on plans/spec: M-002  |
| /h have multistaged or irrner.         1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of i         al Inspection       Complies?         ioning report due to r within 90 days of ificate of occupancy.       Complies         Requirement will be met.       Location on plans/spec: M-001   
   
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of e         ioning report due to<br>ificate of occupancy.       Complies<br>Does Not<br>Implicable         Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001   
   
   
   | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)   ension Boiler Replacement   Report date: 05/30   Page 3 of (   Page 3 of (   al Inspection Complies?   ioning report due to Complies   r within 90 days of Does Not   Does Not Not Observable   Not Observable Not Applicable   s/Assumptions:  
  | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)   ension Boiler Replacement   Page 3 of d   Page 3 of d   al Inspection Complies?   Comments/Assumptions   sioning report due to   r within 90 days of   ifficate of occupancy.   S/Assumptions:   
  | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)   ension Boiler Replacement   Report date: 05/30   Page 3 of (   Page 3 of (   Impaction Complies   Complies Requirement will be met.   Initiation of occupancy. Complies   Initiation of occupancy. Not Observable   s/Assumptions:  | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)   ension Boiler Replacement   al Inspection Complies?   Comments/Assumptions   ioning report due to Complies   rwithin 90 days of Does Not   Ificate of occupancy. Not Observable   Not Applicable Location on plans/spec: M-001   s/Assumptions:  
  | I High Impact (Tier 1) 2   Medium Impact (Tier 2) 3   Low Impact (Tier 3)   ension Boiler Replacement   Report date:   000000000000000000000000000000000000  
  | /h have multistaged or irrer.         1  High Impact (Tier 1)       2  Medium Impact (Tier 2)       3  Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of t         al Inspection       Complies?         Complies       Requirement will be met.         Does Not       Does Not         Iffcate of occupancy.       Not Applicable         Not Applicable       Location on plans/spec: M-001         s/Assumptions:       Solution of the second  
   | 1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)   ansion Boiler Replacement   al Inspection Complies?   Comments/Assumptions   ioning report due to   ioning report due to   Complies?   Complies   Requirement will be met.   Does Not   Does Not   Not Observable   Location on plans/spec: M-001 S/Assumptions:  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement   
   | /h have multistaged or immer.         1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement   | have multistaged or mer.   | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in  
  | □Does Not<br>□Not Observable<br>□Not Applicable  | Location on plans/spec: M-002  |
| 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 1         al Inspection       Complies?         Complies       Requirement will be met.         r within 90 days of ificate of occupancy.       Does Not         Inspection       Not Observable  
   
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 4         al Inspection       Complies?         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable         S/Assumptions:       S/Assumptions:   
   
   
   | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 6         al Inspection       Complies?         complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable  
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 6         al Inspection       Complies?         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable         Not Observable       Not Applicable         s/Assumptions:       Complicable  
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 4         al Inspection       Complies?         ioning report due to<br>rwithin 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Observable         Inspection       Complies<br>Complies         Requirement will be met.         Location on plans/spec: M-001         s/Assumptions:   | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of t         al Inspection       Complies         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Requirement will be met.         Does Not       Does Not         Not
Observable       Location on plans/spec: M-001.         s/Assumptions:  | 1       High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         ension Boiler Replacement  
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of t         al Inspection       Complies?         Complies       Requirement will be met.         Does Not       Does Not         Iffcate of occupancy.       Not Observable         Not Applicable       Cocation on plans/spec: M-001         s/Assumptions:       Solution of the second sec   
  | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ansion Boiler Replacement       Report date: 05/30         Page       3 of i         al Inspection       Complies?         Complies       Requirement will be met.         Does Not       Does Not         Ifficate of occupancy.       Not Observable         Not Applicable       Location on plans/spec: M-001         s/Assumptions:       Solution of the second se   | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date:       05/30         Page       3 of 1         al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable       S/Assumptions:   
   | 1 High Impact (Tier 1)       2 Medium Impact (Tier 2)       3 Low Impact (Tier 3)         ension Boiler Replacement       Report date: 05/30         Page       3 of 1         al Inspection       Complies?         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Observable<br>Not Applicable         S/Assumptions:       Not Applicable   | High Impact (Tier 1)       2       Medium Impact (Tier 2)       3       Low Impact (Tier 3)         nsion Boiler Replacement   | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems   | □Does Not<br>□Not Observable<br>□Not Applicable  | Location on plans/spec: M-002                                   
  |
| Image: Sension Boiler Replacement       Report date: 05/30         Page       3 of         Page       3 of         Image: Sension Boiler Replacement       Page         Image: Sension Boiler Replacement       3 of         Image: Sension Boiler Replacement       Page         Image: Sension Boiler Replacement       3 of         Image: Sension Boiler Replacement       Complies?         Complies: Sension Boiler Replacement       Comments/Assumptions         Sioning report due to pr within 90 days of       Complies         Image: Sension Boiler Replacement       Requirement will be met.         Image: Does Not       Does Not         Image: Does Not       Does Not <t< th=""><th>al Inspection       Complies?       Comments/Assumptions         Sioning report due to<br/>r within 90 days of<br/>ificate of occupancy.       Complies<br/>Does Not<br/>Not Observable<br/>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001</th><th>rension Boller Replacement       Report date: 05/30, Page 3 of 6         Page 3 of 6         ral Inspection       Complies?         Sioning report due to privily of complies ifficate of occupancy.       Complies Does Not Does Not Does Not Does Not Does Not Not Observable Not Applicable         SiAssumptions:       Sioning report and the section of the sectin of the section of the section of the sectin</th><th>rension Boiler Replacement       Report date: 05/30, Page 3 of 6         Page 3 of 6         real Inspection       Complies?         Sioning report due to er within 90 days of tificate of occupancy.       Complies Does Not Applicable         Image Science Scien</th><th>ension Boiler Replacement       Report date: 05/30         Page       3 of 6         al Inspection       Complies?         sioning report due to<br/>rr within 90 days of<br/>ifficate of occupancy.       Complies<br/>Does Not<br/>INot Observable         Not Applicable       Cotation on plans/spec: M-001</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>r within 90 days of<br/>lificate of occupancy.       Complies<br/>Does Not<br/>Not Observable<br/>Not Applicable       Requirement will be met.         s/Assumptions:       Location on plans/spec: M-001</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>r within 90 days of<br/>ificate of occupancy.       Complies<br/>Does Not<br/>Not Observable       Requirement will be met.         Image: Not Applicable       Not Applicable       Location on plans/spec: M-001</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>r within 90 days of<br/>ificate of occupancy.       Complies<br/>Does Not<br/>Does Not<br/>Not Applicable       Requirement will be met.         s/Assumptions:       Location on plans/spec: M-001</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to r within 90 days of fifcate of occupancy.       Does Not Does Not Not Applicable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>r within 90 days of<br/>ifficate of occupancy.       Complies<br/>Does Not<br/>Not Observable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable         s/Assumptions:</th><th>al Inspection       Complies?       Comments/Assumptions         ioning report due to<br/>r within 90 days of<br/>ificate of occupancy.       Complies<br/>Does Not<br/>Not Observable<br/>Not Observable       Requirement will be met.         S/Assumptions:       Samplicable       Samplicable</th><th>Al Inspection Complies? Comments/Assumptions<br/>oning report due to<br/>within 90 days of<br/>Grate of occupancy.<br/>Not Observable<br/>Not Applicable<br/>//Assumptions:</th><th>fluids in hydronic<br/>have been previously<br/>cooled, and the cooling<br/>ave been previously<br/>heated are limited in<br/>th Sections C403.4.3.1-<br/>ngle boiler systems<br/>h have multistaged or<br/>rner.</th><th>Does Not</th><th>Location on plans/spec: M-002</th></t<>  
   
   | al Inspection       Complies?       Comments/Assumptions         Sioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001  
   
  | rension Boller Replacement       Report date: 05/30, Page 3 of 6         Page 3 of 6         ral Inspection       Complies?         Sioning report due to privily of complies ifficate of occupancy.       Complies Does Not Does Not Does Not Does Not Does Not Not Observable Not Applicable         SiAssumptions:       Sioning report and the section of the sectin of the section of the section of the sectin   
   
   | rension Boiler Replacement       Report date: 05/30, Page 3 of 6         Page 3 of 6         real Inspection       Complies?         Sioning report due to er within 90 days of tificate of occupancy.       Complies Does Not Applicable         Image Science Scien   
  | ension Boiler Replacement       Report date: 05/30         Page       3 of 6         al Inspection       Complies?         sioning report due to<br>rr within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>INot Observable         Not Applicable       Cotation on plans/spec: M-001   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         s/Assumptions:       Location on plans/spec: M-001   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Image: Not Applicable       Not Applicable       Location on plans/spec: M-001   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Does Not<br>Not Applicable       Requirement will be met.         s/Assumptions:       Location on plans/spec: M-001   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to r within 90 days of fifcate of occupancy.       Does Not Does Not Not Applicable       Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable         s/Assumptions:  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Observable       Requirement will be met.         S/Assumptions:       Samplicable       Samplicable  
   | Al Inspection Complies? Comments/Assumptions<br>oning report due to<br>within 90 days of<br>Grate of occupancy.<br>Not Observable<br>Not Applicable<br>//Assumptions:  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not   | Location on plans/spec: M-002  |
| al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.  
   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001         s/Assumptions:       Kequirement will be met.  
   
   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001         s/Assumptions:       S/Assumptions  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Location on plans/spec:       M-001         s/Assumptions:       S/Assumptions   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001   | al Inspection       Complies?       Comments/Assumptions         .ioning report due to r within 90 days of ificate of occupancy.       Complies Does Not Does Not Not Observable       Requirement will be met.  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Inspection       Not Observable       Location on plans/spec: M-001         Inspection       S/Assumptions:   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>Does Not<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Inspection on plans/spec: M-001       Inspection on plans/spec: M-001         S/Assumptions:       State of the second se  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable         s/Assumptions:       State of the second   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ifficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Observable       Location on plans/spec: M-001         s/Assumptions:       State       State  | Inspection       Complies?       Comments/Assumptions         oning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         JNot Observable       Location on plans/spec: M-001         //Assumptions:  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not Does Not Not Observable Not Applicable  | Location on plans/spec: M-002<br>act (Tier 2) 3 Low Impact (Tier 3)  |
| al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.  
   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001         s/Assumptions:       S/Assumptions   
   
   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001         s/Assumptions:       State  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec:       M-001  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         Location on plans/spec: M-001       Location on plans/spec: M-001         s/Assumptions:       Solution   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Observable       Requirement will be met.         Inspection on plans/spec:       M-001         S/Assumptions:       State   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Observable       Requirement will be met.         JNot Observable<br>Not Applicable       Location on plans/spec: M-001         s/Assumptions:  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ificate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       S/Assumptions:       Not Applicable   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r
within 90 days of<br>lificate of occupancy.       Complies<br>Does Not<br>INot Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       S/Assumptions:  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>rwithin 90 days of<br>iffcate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001.         s/Assumptions:   | Inspection       Complies?       Comments/Assumptions         oning report due to<br>within 90 days of<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         //Assumptions:       X/Assumptions   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not Does Not Not Observable Not Applicable  | Location on plans/spec: M-002<br>act (Tier 2) 3 Low Impact (Tier 3)<br>Report date: 05/30<br>Page 3 of 6   |
| al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>r within 90 days of<br>ficate of occupancy.          □Complies<br>□Does Not<br>□Not Observable         □Not Observable           Requirement will be met.<br>Location on plans/spec: M-001  
   
  | Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         S/Assumptions:       Not Applicable       Location on plans/spec: M-001   
   
   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Location on plans/spec: M-001         s/Assumptions:       Complicable  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Location on plans/spec: M-001         S/Assumptions:       Complicable                  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.         INot Observable       Location on plans/spec: M-001         S/Assumptions:  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Observable       Requirement will be met.         Location on plans/spec: M-001       Applicable  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         cocation on plans/spec: M-001       Cocation on plans/spec: M-001         s/Assumptions:   | al Inspection       Complies?       Comments/Assumptions         ioning report due
to<br>within 90 days of<br>fficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Location on plans/spec: M-001       Not Applicable       Location on plans/spec: M-001         s/Assumptions:       Solution       Solution       Solution  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:  | I Inspection         Complies?         Comments/Assumptions           oning report due to<br>within 90 days of<br>ficate of occupancy.         Complies<br>Does Not<br>Not Observable<br>Not Applicable         Requirement will be met.           cation on plans/spec: M-001         Not Applicable         Cotation on plans/spec: M-001   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not Not Observable Not Applicable   | Location on plans/spec: M-002<br>act (Tier 2) 3 Low Impact (Tier 3)<br>Report date: 05/30,<br>Page 3 of 6  |
| al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable       Requirement will be met.   
   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         Jones Not<br>ficate of occupancy.       Not Observable<br>Not Applicable       Location on plans/spec: M-001  
   
   
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         within 90 days of<br>ficate of occupancy.       Not Observable<br>Not Applicable       Comments/Assumptions  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       Assumptions:  
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       Assumptions:       Assumptions   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       State of the state of th  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       State of the state of th   
  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         S/Assumptions:       Solution (Solution  | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.         cocation on plans/spec: M-001       Complication       Complication         s/Assumptions:       Complication       State  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>within 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br><b>Iocation on plans/spec:</b> M-001         s/Assumptions:       Assumptions:       Iocation on plans/spec: M-001  
   | al Inspection       Complies?       Comments/Assumptions         ioning report due to<br>swithin 90 days of<br>ficate of occupancy.       Complies<br>Does Not<br>Not Observable<br>Not Applicable       Requirement will be met.<br>Location on plans/spec: M-001         s/Assumptions:       State of the state of t  | Inspection         Complies?         Comments/Assumptions           oning report due to<br>within 90 days of<br>ficate of occupancy.         Complies<br>Does Not<br>Not Observable<br>Not Applicable         Requirement will be met.           JAssumptions:         Location on plans/spec: M-001         Location on plans/spec: M-001   | fluids in hydronic<br>lave been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not   | Location on plans/spec: M-002<br>act (Tier 2) 3 Low Impact (Tier 3)<br>Report date: 05/30,<br>Page 3 of 6  |
| ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not<br>ificate of occupancy. Not Observable   
   
  | ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not Not Observable<br>Not Observable Not Applicable   
   
   
   | ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not<br>ificate of occupancy.<br>Not Observable<br>Not Applicable<br>s/Assumptions:   
  | ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not<br>ificate of occupancy.<br>Not Observable<br>Not Applicable<br>s/Assumptions:  
  | ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not<br>Into Observable<br>Not Applicable Complication on plans/spec: M-001<br>S/Assumptions:   | ioning report due to Complies Requirement will be met.<br>r within 90 days of Does Not Not Observable Not Observable Not Applicable  
  | ioning report due to<br>r within 90 days of<br>ificate of occupancy.<br>Not Observable<br>Not Applicable<br>s/Assumptions:   
  | ioning report due to<br>r within 90 days of<br>ificate of occupancy.<br>Not Observable<br>Not Applicable<br>S/Assumptions:   
   | ioning report due to Complies Does Not Does Not Mot Observable Not Applicable Accation on plans/spec: M-001   | ioning report due to<br>rwithin 90 days of<br>☐Does Not<br>☐Not Observable<br>☐Not
Applicable<br>S/Assumptions:   | ioning report due to<br>r within 90 days of<br>☐ Does Not<br>☐ Not Observable<br>☐ Not Applicable<br>S/Assumptions:   | oning report due to Does Not Does Not Not Applicable Location on plans/spec: M-001  
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not   | Location on plans/spec: M-002<br>act (Tier 2) 3 Low Impact (Tier 3)<br>Report date: 05/30<br>Page 3 of 6   |
| Ificate of occupancy. Diservable   
   
  | Inicate of occupancy.<br>Not Observable<br>Not Applicable<br>s/Assumptions:  
   
   
   | Inicate of occupancy.   
  | Inicate of occupancy.  
  | Inicate of occupancy.   | Inicate of occupancy.  
  | Inicate of occupancy.  
  | Inicate of occupancy.  
   | Initicate of occupancy.       Initicate of occupancy.         Initicate of occupancy.       Initicate occupancy.         Initicate occupancy.       Initi   | Inicate of occupancy.   
   | Incate of occupancy.  | Incate or occupancy.   | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.  
  | Does Not Not Observable Not Applicable 2 Medium Impa nt Complies?  | Location on plans/spec: M-002 act (Tier 2)  Comments/Assumptions   |
|  
   
  | الله المحافظة ال   
   
   | s/Assumptions:  
   
  | s/Assumptions:   
  | s/Assumptions:  | s/Assumptions:   
  | s/Assumptions:   
  | s/Assumptions:   
   | s/Assumptions:  | s/Assumptions:  
   | ;LINOT Applicable   | /Assumptions:  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>in have multistaged or<br>rner.   
  | Does Not Not Observable Not Applicable Not Applicable  2 Medium Impl t Complies? Does Not                        | Location on plans/spec: M-002 act (Tier 2) 3 Low Impact (Tier 3) Report date: 05/30 Page 3 of 6 Comments/Assumptions Requirement will be met.                                |
| Not Applicable   
   
  | 5/ASSUMPTIONS:   
   
   
   | s/Assumptions:  
  | 5/ASSUMPTIONS:   
  | 5/ASSUMPTIONS:  | 5/ASSUMPTIONS:   
  | 5/ASSUMPTIONS:   
  | 5/ASSUMPTIONS:   
   | 5/ASSUMPTIONS:  | 5/ASSUMPTIONS:  
   | 5/ASSUMPTIONS:  | SASSUMPTIONS:   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>in have multistaged or<br>rner.  | Does Not Not Observable Not Applicable Not Applicable  Complies Complies Does Not Not Observable                 | Location on plans/spec: M-002  act (Tier 2)  Comments/Assumptions  Requirement will be met.  Location on plans/spec: M-001   |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>in have multistaged or<br>rner.  | Does Not<br>Not Observable<br>Not Applicable   | Location on plans/spec: M-002 act (Tier 2) 3 Low Impact (Tier 3) Report date: 05/30, Page 3 of 6 Comments/Assumptions Requirement will be met. Location on plans/spec: M-001 |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not<br>Not Observable<br>Not Applicable   | Location on plans/spec: M-002 act (Tier 2) 3 Low Impact (Tier 3) Page 3 of 6 Comments/Assumptions Requirement will be met. Location on plans/spec: M-001                     |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.<br>I High Impact (Tier 1)<br>ension Boiler Replacement<br>ioning report due to<br>within 90 days of<br>ficate of occupancy.<br>S/Assumptions:   | Does Not<br>Not Observable<br>Not Applicable   | Location on plans/spec: M-002 act (Tier 2) 3 Low Impact (Tier 3) Report date: 05/30 Page 3 of 6 Comments/Assumptions Requirement will be met. Location on plans/spec: M-001  |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | fluids in hydronic         iave been previously         iave boiler systems         iave multistaged or rner.   | Does Not Not Observable Not Applicable  Complies? Complies Does Not Not Observable Not Observable Not Applicable | Location on plans/spec: M-002 act (Tier 2) 3 Low Impact (Tier 3) Report date: 05/30 Page 3 of Comments/Assumptions Requirement will be met. Location on plans/spec: M-001    |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | fluids in hydronic<br>have been previously<br>cooled, and the cooling<br>ave been previously<br>heated are limited in<br>th Sections C403.4.3.1-<br>ngle boiler systems<br>h have multistaged or<br>rner.   | Does Not Not Observable Not Applicable  Complies Does Not Not Observable Not Applicable Not Applicable           | Location on plans/spec: M-002 act (Tier 2)  Report date: 05/30 Page 3 of 4 Comments/Assumptions Requirement will be met. Location on plans/spec: M-001                       |
|  
   
  |  
   
   
   |   
  |  
  |   |  
  |  
  |  
   |   |   
   |   |   
  | Image: systems of the cooling ave been previously eated are limited in the Sections C403.4.3.1-togle boiler systems of have multistaged or mer.         Image: systems of the cooling ave been previously eated are limited in the Sections C403.4.3.1-togle boiler systems of have multistaged or mer.         Image: systems of the cooling ave been previously eated are limited in the Sections C403.4.3.1-togle boiler systems of have multistaged or mer.         Image: systems of the cooling ave been previously eated are limited in the Sections C403.4.3.1-togle boiler systems of the cooling report (Tier 1)         Insion Boiler Replacement         Image: systems of the cooling report due to within 90 days of ficate of occupancy.         Image: systems of the cooling report due to system | Does Not<br>Not Observable<br>Not Applicable   | Location on plans/spec: M-002 act (Tier 2)  act (Tier 2)  Beport date: 05/30 Page 3 of 1  Comments/Assumptions Requirement will be met. Location on plans/spec: M-001        |

Report date: 05/30/24 Page 6 of 6



### **PRE-ABATEMENT WORK NOTES:**

- THESE DRAWINGS HAVE BEEN PREPARED UTILIZING THE OWNERS' ORIGINAL CONSTRUCTION DOCUMENTS IN ORDER TO ILLUSTRATE THE EXISTING CONDITIONS OF THE SITE AND STRUCTURES THEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL VERIFICATION OF ALL EXISTING CONDITIONS IN THE FIELD.
- 2. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONNEL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND WAYS OF EGRESS WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT ACTIVITIES.
- THE CONTRACTOR. PRIOR TO BIDDING SHALL BE RESPONSIBLE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE PROJECT. INCLUDING. BUT NOT LIMITED TO, ALL DEMOLITION AND CONSTRUCTION WORK AS SHOWN IN THE COMPLETE SET OF DRAWINGS AND IN THE PROJECT MANUAL / SPECIFICATIONS AND ASBESTOS SURVEY REPORTS IN ORDER THAT THE FULL SCOPE OF WORK WHICH MAY ENCOUNTER ASBESTOS CONTAINING MATERIALS IS UNDERSTOOD AND ACCOUNTED FOR, BY THE CONTRACTOR IN (UNDERTAKING)THIS PROJECT. A COPY OF THE ASBESTOS SURVEY REPORT CAN BE REQUESTED FROM THE OWNERS' ENVIRONMENTAL CONSULTANT.
- 4. PRIOR TO ABATEMENT ALL CONTRACTORS WILL SURVEY EXISTING CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS / MATERIALS, ETC., DAMAGED OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE ASSUMED TO BE IN GOOD CONDITION AND WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO MAINTAIN ALL MATERIALS. ITEMS. EQUIPMENT. SYSTEMS. ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GENERAL CONTRACTOR. ETC., IN SAME CONDITION AT THE END OF THIS CONTRACT.

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

### **ASBESTOS ABATEMENT NOTES**

#### **ASBESTOS REMOVAL GENERAL NOTES:**

ASBESTOS ABATEMENT INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY A NYS DEPARTMENT OF LABOR LICENSED ASBESTOS ABATEMENT CONTRACTOR. WHO SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES PRIOR TO BID.

2. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) INDUSTRIAL HEALTH CODE RULE 56, OSHA, NESHAPS, AHERA, NYSDEC AND ALL OTHER APPLICABLE CODES.

THE CONTRACTOR SHALL MAINTAIN THE SITE AS NEAT AS POSSIBLE AND ORDERLY DURING (THE COURSE OF )THE WORK. ALL LOOSE DEBRIS WHICH MAY (BECOME WINDBORNE) BLOW OFF THE SITE. SHALL BE COLLECTED AND DISPOSED OF PROPERLY BY THE CONTRACTOR ON A DAILY BASIS AS PART OF THE PROJECT WORK.

THE CONTRACTOR SHALL PROVIDE BARRIERS AROUND THE WORK AREAS IN ORDER TO ENSURE SAFE PASSAGE BY ANY PERSON. THESE BARRIERS SHALL ALSO SERVE TO KEEP ALL UNAUTHORIZED PERSONS OUT OF THE PROJECT AREA FOR THE DURATION OF 3 THE WORK.

5. VARIANCES: CONTRACTOR SHALL PAY FOR AND OBTAIN ANY NECESSARY SITE SPECIFIC VARIANCES.

6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN THE BUILDING AND THE WORK AREAS AT ALL TIMES.

7. PROJECT STAGING, STORAGE, SCHEDULING AND ACCESS SHALL BE COORDINATED WITH AND APPROVED BY THE ARCHITECT, CONSTRUCTION MANAGER AND OWNER PRIOR TO PROCEEDING WITH WORK.

SHOULD IT BECOME NECESSARY, THE CONTRACTOR SHALL COORDINATE SHUT DOWN AND LOCK OUT / TAG OUT OF THE ELECTRICAL POWER FROM THE OWNERS' POWER. WITH OWNERS' REPRESENTATIVE. PRIOR TO THE COMMENCEMENT OF WORK.

ALL TEMPORARY POWER TO THE WORK AREA SHALL BE BROUGHT IN FROM OUTSIDE THE WORK AREA THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER AT THE SOURCE.

10. CONTRACTOR SHALL COORDINATE CONNECTION OF WATER SERVICE FOR DECONTAMINATION PURPOSES WITH OWNERS' REPRESENTATIVE. WATER FOR DECONTAMINATION UNITS IS AVAILABLE FROM THE OWNER.

11. THE OWNER OR OWNERS' REPRESENTATIVE IS RESPONSIBLE TO CONTRACT FOR NYSDOL PROJECTS MONITORING / AIR SAMPLING TECHNICIAN SERVICES AS REQUIRED.

12. CONTRACTOR TO PROVIDE A COPY OF SAFETY DATA SHEETS (SDS'S) FOR ANY CHEMICAL AGENTS TO BE USED DURING THE ASBESTOS ABATEMENT TO THE PROJECT MONITOR AND THE OWNER'S REPRESENTATIVE.

13. CONTRACTOR SHALL REQUEST AND RECEIVE PROJECT MONITOR AND OWNERS' REPRESENTATIVES APPROVAL OF ALL WORK BEFORE ANY ABATEMENT IS UNDERTAKEN.

14. UNDER NO CIRCUMSTANCES SHALL CONTAMINATED WASTE WATER BE DISCHARGED THROUGH A SYSTEM WITHOUT FILTERING. THE MAXIMUM FILTER SIZE OPENING SHALL BE CAPABLE OF RETAINING A 5.0 MICRON PARTICLE SIZE COLLECTION CAPABILITY.

15. DRAWINGS ATTEMPT TO INDICATE THE GENERAL SCOPE OF EXISTING CONDITIONS AND ITEMS AFFECTED BY THE ABATEMENT WORK. CONTRACTOR SHALL EXAMINE THE WORK AREA PRIOR TO FORMULATING HIS BID SHALL INCLUDE FIELD VARIATIONS FROM THOSE SHOWN WITHIN THE GENERAL INTENT OF THE WORK.

16. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN AND GENERATED FROM THE ABATEMENT PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES REGULATIONS AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN AND GENERATED FROM THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN THE MOST EFFICIENT AND COST EFFECTIVE METHOD POSSIBLE, WHICH ALSO COMPLIES WITH THE REQUIREMENTS LISTED ABOVE.

## **POST ABATEMENT WORK NOTES:**

- TESTING AS REQUIRED.
- AND REPAIR.
- CONTRACTOR.
- PHASE) AT FINAL CLEARANCE.

PROVIDE ALL APPLICABLE CODE RULE 56 PROCEDURES, CLEAN UP ANDADDITIONAL

2. AFTER FINAL CLEARANCE HAS BEEN ATTAINED (SUBSTANTIAL COMPLETION) THE ABATEMENT CONTRACTOR, TOGETHER WITH THE PROJECT INSPECTOR AND OWNER'S REPRESENTATIVE WILL SURVEY FINAL CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS / MATERIALS, ETC., DAMAGED OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS NOT NOTED, SHALL BE ASSUMED TO BE IN GOOD CONDITION AND WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GENERAL CONTRACTOR, ETC., IN SAME CONDITION AT THE END OF THIS CONTRACT. ANY NEW DAMAGE OR MISSING EQUIPMENT SHALL BE NOTED AND THE COST OFFSET FROM THE CONTRACT.

REMOVE ALL TEMPORARY ENCLOSURES. BARRIERS. ETC. REINSTALL ITEMS/WORK PREVIOUSLY REMOVED. ALL TAPE AND ADHESIVE RESIDUALS TO BE REMOVED. TEST

4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE AGAINST DAMAGE TO THE EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE CONTRACT.

5. AT COMPLETION OF THE ABATEMENT WORK, A CONDITION SURVEY SHALL BE DONE BY ALL CONTRACTORS AND PROJECT INSPECTOR (SEE NOTE 2.) ANY VARIATION (I.E. DAMAGE BY THE CONTRACTOR) SHALL BE REPAIRED / RESTORED BY THE ABATEMENT

6. THE CONTRACTOR SHALL, UPON COMPLETION OF THE REMOVAL, PROVIDE WRITTEN DOCUMENTATION (INCLUDING ALL APPROPRIATE THIRD PARTY TESTING RESULTS) THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL ASBESTOS CONTAINING MATERIALS (CONTEMPLATED FOR REMOVAL UNDER THIS PROJECT, OR

7. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE. INCLUDING THE COMPOSITION AND VOLUMES OF DISPOSED MATERIALS AND THE FINAL DISPOSAL SITE(S).

![](_page_4_Picture_42.jpeg)

![](_page_5_Figure_0.jpeg)

![](_page_5_Picture_1.jpeg)

**CAST IRON SECTIONAL BOILER TO BE REMOVED** 

![](_page_5_Picture_5.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Picture_3.jpeg)

AREA OF WORK	KE
	OIL TAI
	BASE BID: DECOM OIL STO
	BID ALTERNATE : DECOM
	GENEI
	GENEI

![](_page_7_Figure_2.jpeg)

PLAN NORTH

![](_page_8_Figure_0.jpeg)

1. SEE AND COORDINATE WITH ASBESTOS PLANS.

 $\langle C3 \rangle$  INSTALL NEW FENCE GATE. C4 REMOVE EXISTING OIL TANK VENT. PATCH MASONRY TO MATCH (SUBMIT BRICK EXAMPLES).  $\langle C5 \rangle$  undergound oil line to be removed.  $\langle c6 \rangle$  existing oil line under walkway to be abandoned in place.

## SITE KEY NOTES

## **KEY PLAN**

2. CONTRACTOR IS RESPONSIBLE TO PROVIDE TESTING DATA ON ALL FILL BROUGHT ONTO THE SITE.

## **GENERAL NOTES**

C1 AS PER BASE BID: REMOVE EXISTING OIL TANK AND BACKFILL. PROVIDE CLEAN FILL, COMPACT IN LIFTS, ADD 4" TOPSOIL. RAKE SEED, AND HAY ALL DISTURBED AREAS  $\langle c_2 \rangle$  AS PER ALTERNATE NO. 2: DECOMMISSION EXISTING OIL TANK TO REMAIN IN PLACE AND FILL IN LIEU OF REMOVAL.

![](_page_8_Figure_12.jpeg)

NC	DTES;
1.	FILTE
2.	WOO GRA
3.	MRE Mini Sh <i>a</i>
4.	THE LON

			•
/	~	_	<
	f		)

![](_page_9_Picture_2.jpeg)

![](_page_9_Picture_3.jpeg)

![](_page_9_Figure_4.jpeg)

![](_page_9_Figure_5.jpeg)

AREA C	EE MEP DRAWINGS FOR DEMOLITION DORDINATE ALL ROOF PENETRATIONS ECHANICAL DRAWINGS.
	DEMOI
	DEIVIOL
	REMOVE EXISTING BOILER. PREPARE
D1 (D2)	REMOVE EXISTING BOILER. PREPARE
D1 (D2) (D3)	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN
D1 D2 D3 D4	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL
D1 D2 D3 D4 D5	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN
D1 D2 D3 D3 (D4) (D4) (D5) (D6)	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E
D1 D2 D2 D3 D4 D4 D5 D5 D6 D7	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING HOUSEKEEPING PAD TO E
D1 D2 D2 D3 D4 D4 D5 D5 D6 D6 D7 D8	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING EXPANSION TANK ABOVE EXISTING OIL TANK TO BE REMOVE
D1 D2 D2 D3 D4 D4 D4 D5 D5 D6 D6 D7 D8 D8 D9	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING CHILLED WATER PUMP TO
D1 (D2) (D2) (D3) (D4) (D4) (D4) (D5) (D6) (D5) (D6) (D7) (D8) (D9) (D9) (D10)	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING HOUSEKEEPING PAD TO E EXISTING OIL TANK TO BE REMOVE EXISTING OIL TANK TO BE REMOVE EXISTING CHILLED WATER PUMP TO EXISTING GAS FIRED WATER HEATER
D1 (D2) (D3) (D4) (D4) (D4) (D4) (D4) (D5) (D6) (D7) (D6) (D7) (D8) (D9) (D9) (D1) (D1)	REMOVE EXISTING BOILER. PREPARE EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING EXPANSION TANK ABOVE EXISTING OIL TANK TO BE REMOVE EXISTING OIL TANK TO BE REMOVE EXISTING CHILLED WATER PUMP TO EXISTING GAS FIRED WATER HEATER EXISTING GAS FIRED WATER HEATER
D1 D2 D2 D3 D4 D4 D5 D6 D7 D6 D7 D8 D7 D8 D9 D9 D9 D10 D11 D12	EXISTING HOUSEKEEPING PAD TO F BASE BID: EXISTING PAD-MOUNTED ALT. NO. 1: REMOVE AND REPLACE INSTALL ON EXISTING HOUSEKEEPIN EXISTING HOT WATER CIRCULATOR REINSTALLATION. SEE MECHANICAL EXISTING HOT WATER STORAGE TAN EXISTING HOT WATER STORAGE TAN EXISTING HOUSEKEEPING PAD TO E EXISTING CHILLED WATER PUMP TO EXISTING CHILLED WATER PUMP TO EXISTING GAS FIRED WATER HEATER EXISTING MOTORIZED FRESH AIR DA EXISTING LOUVER AT WALL TO REM

![](_page_10_Figure_2.jpeg)

# EY PLAN

OF MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS. REQUIRED FOR NEW MECHANICAL EQUIPMENT WITH

# **ITION NOTES**

RE FOR NEW HIGH EFFICIENCY CONDENSING BOILER.

REMAIN.

ED HOT WATER PUMPS TO REMAIN. CE 2 NEW HOT WATER PAD-MOUNTED PUMPS AND 'ING PADS.

PUMPS TO BE REMOVED AND STORED FOR DRAWINGS.

ANK TO BE REMOVED.

BE REMOVED.

TO BE REMOVED.

ED.

BE REMOVED.

ER TO BE REMOVED. SEE MECHANICAL DRAWINGS.

DAMPER TO BE REMOVED AT CIELING AND WALL. MAIN. SEE MECHANICAL DRAWINGS.

MECHANICAL EQUIPMENT TO BE REMOVED. SEE

## **DEMOLITION KEY NOTES**

![](_page_10_Figure_19.jpeg)

1

![](_page_11_Figure_0.jpeg)

**CONSTRUCTION KEY NOTES** 

![](_page_11_Figure_13.jpeg)

![](_page_12_Figure_0.jpeg)

## **ROOF LEGEND**

A2 INSTALL NEW VENT THROUGH EXISTING ROOF OPENING. SEE DETAIL 2/A-102 FOR CURB DETAIL AND MECHANICAL DRAWINGS.

## **ROOF KEY NOTES**

1'-0"

![](_page_12_Figure_6.jpeg)

#### SAFETY NOTES:

- SPECIAL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT ON THE APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FOLLOWING: - EGRESS TO AND FROM THE BUILDING FIRE SAFETY OR CREATE A FIRE HAZARD
- STRUCTURAL SAFETY OF THE BUILDING. - ACCUMULATION OF DUST AND DEBRIS. THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEAN EACH DAY.
- ASBESTOS MUST FIRST BE INVESTIGATED AND VERIFIED IN FIELD 2 BEFORE ANY DEMOLITION OR CONSTRUCTION WORK TO BE PERFORMED. ASBESTOS FREE MUST BE CERTIFIED FOR ALL HVAC EQUIPMENT, DUCTWORK, AND ALL PIPING INSULATION.
- CONSTRUCTION WORK SHALL BE CONFINED TO WORK AREAS NOTED ON THE DRAWINGS AND SHALL INVOLVE TEMPORARY INTERRUPTION OF HEATING, WATER AND ELECTRIC SERVICES TO THE BUILDING SYSTEMS ONLY AS SCHEDULED WITH NEW YORK CITY.
- FIRE SAFETY: ALL BUILDING MATERIALS STORED IN CONSTRUCTION AREA, AND/OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS TO BE CONTROLLED BY THE FACILITY AND/OR GENERAL CONTRACTOR
- CONTRACTOR SHALL PROVIDE BARRICADES AROUND WORK AREAS AS REQUIRED TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THEREIN.
- THE CONTRACTOR SHALL SUBMIT SAFETY PLAN FOR CONSTRUCTION MANAGER'S APPROVAL
- CONFINED SPACES: ALL WORK WITHIN CONFINED SPACES SHALL BE CONDUCTED IN ACCORDANCE WITH OSHA REGULATIONS.

#### SUMMARY OF WORK

THE WORK OF THIS PROJECT INCLUDES BOILER REPLACEMENT AT NORTH ROCKLAND HIGH SCHOOL EXTENSION. PROVIDE MATERIALS AND SERVICES AS FOLLOWS. THE FOLLOWING IS NOT INTENDED TO BE A COMPLETE DESCRIPTION OF THE WORK; PERFORM THE WORK AS HEREINAFTER DESCRIBED IN THESE CONTRACT DOCUMENTS.

- REMOVE EXISTING ABANDONED CHILLED WATER PUMPS AND Α. ASSOCIATED PIPING AND SUPPORTS. REMOVE EXISTING OIL TANK, DAY TANK AND UNDERGROUND FUEL
- OIL TANK AND ASSOCIATED PIPING. REMOVE EXISTING DUAL FUEL CAST IRON BOILERS AND REPLACE C. WITH TWO(2) NEW GAS-FIRED CONDENSING BOILERS. REPLACE ASSOCIATED PIPING, VALVES, AND CONTROLS SERVING THE
- PERIMETER RADIATORS. REPLACE GLYCOL FEED SYSTEM AND EXPANSION TANKS FOR HOT WATER LOOP. EXISTING HOT WATER PUMPS AND DOMESTIC WATER PUMPS ARE TO D. REMAIN
- REMOVE EXISTING DOMESTIC HOT WATER TANK AND SUPPORTS. REMOVE EXISTING GAS FIRED WATER HEATER AND DISCONNECT
- PIPING PROVIDE NEW INDIRECT HOT WATER HEATER FOR DOMESTIC WATER
- USE. RELOCATE EXISTING DOMESTIC WATER PUMPS. PERFORM ALL REQUIRED CLEANING, TESTING AND BALANCING OF THE NEW EQUIPMENT.
- PERFORM COMMISSIONING OF THE NEW EQUIPMENT ALTERNATE #1, REPLACE THE HYDRONIC WATER PUMPS WITH NEW IN

#### CALCULATIONS

COMBUSTION AIR INTAKE REQUIREMENTS FOR THE BOILERS.

DESIGN COMPLIES WITH THE MANUFACTURER'S INSTRUCTIONS AS PER NYS FGC 304.1

### HVAC DESIGN CRITERIA

- A. SITE (BASED ON NEAREST AVAILABLE DATA: ASHRAE 2021 HANDBOOK CLIMATIC DESIGN INFORMATION, WESTCHESTER CO, NY): 41.07°N, 73.71°W
- 2. ELEVATION: 397 FT
- 3. CLIMATE ZONE 5A.
- B. OUTSIDE DESIGN CONDITIONS (BASED ON NEAREST AVAILABLE DATA: ASHRAE 2013 CLIMATIC DESIGN INFORMATION, WESTCHESTER CO, NY): 1. HEATING DB (99.6%): 8.7°F DB 2. COOLING DB/MCWB (1%): 86.4°F DB, 71.9°F WB
- C. INSIDE DESIGN CONDITIONS (PER NYSED MANUAL OF PLANNING STANDARDS S602-6 B. AND 2015 ASHRAE HANDBOOK CH 7 TABLE 6):
- 1. HEATING INDOOR SETPOINT: 72°F 2. COOLING INDOOR SETPOINT: 78°F, 60% RH

#### SEQUENCE OF OPERATIONS

1. SEE SPECIFICATION SECTION 230993 AND DRAWING M401

#### **MECHANICAL DEMOLITION NOTES:**

DEMOLITION/RELOCATIONS: CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND RELOCATION'S OF SERVICES, EQUIPMENT AND MATERIAL RELATING TO HIS/HER RESPECTIVE TRADE. INCLUDE IN BID THE COST TO PROVIDE DEMOLITION OF ALL ELECTRICAL EQUIPMENT AND SYSTEMS ASSOCIATED WITH THE RENOVATION WORK. ALL DEMOLITION WORK SHALL COORDINATE WITH OWNER.

WHERE EXISTING WALLS, FLOORS OR CEILINGS ARE REMOVED OR PENETRATED. AND WHERE EXISTING END WALLS OF THE BUILDING ARE POINTS OF CONNECTION OF ADDITIONS, ALL SERVICES, PIPING, CONDUIT, CONTROL AND/OR SWITCH DEVICES, LIGHTS, OR OTHER HVAC, PLUMBING, FIRE PROTECTION OR ELECTRICAL EQUIPMENT SHALL BE REMOVED (AND/OR RELOCATED WHERE THEY MUST REMAIN IN SERVICE, OR SERVE, AREAS BEYOND THE IMMEDIATE WORK) CONTRACTOR SHALL FIELD VERIFY CONDITIONS AT THE SITE.

PRIOR TO DEMOLITION CONTRACTOR SHALL REVIEW WITH OWNER ALL MATERIALS TO BE REMOVED. SHOULD THE OWNER OPT TO KEEP ANY MATERIALS THE CONTRACTOR SHALL REMOVE AND DELIVER THE PARTS TO THE OWNER ON THE SITE WHERE SO DIRECTED. OTHERWISE ALL DEMOLISHED OR REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND BE DISPOSED OF IN A LEGAL MANNER.

DEMOLITION SHALL INCLUDE REMOVAL OF ALL PARTS AND PIECES IN THEIR ENTIRETY BACK TO POINTS INDICATED OR IF NOT INDICATED BACK TO THEIR POINT OF SOURCE. REMOVE CONDUCTORS FROM REMAINING CONDUITS WHERE IT IS INDICATED. WHERE CONDUCTORS REMAINED IN CONDUITS-DISCONNECT, ISOLATE AND CAPPED THEM TO ENSURE SAFETY AND PROTECTION. WHERE CONDITIONS PROHIBIT TOTAL REMOVAL OF THE WORK, THE REMAINING PORTION SHALL BE CUT FLUSH WITH THE SURROUNDING SURFACE AND BE CAPPED PLUGGED OR SEALED AND THE SURROUNDING SURFACE SHALL BE REFINISHED IN AN APPROVED MANNER.

5. MAINTAIN EXISTING UTILITIES INDICATED OR REQUIRED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN SCHEDULED WITH THE OWNER.

6. DO NOT REMOVE EXISTING STRUCTURAL WORK. DO NOT REMOVE OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN THE MANNER INTENDED OR RESULTING IN DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.

REMOVALS, DISCONNECTIONS, AND RELOCATIONS SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE INVOLVED AND SHALL BE EMPLOYED BY A CONTRACTOR LICENSED IN THE TRADE INVOLVED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ACCEPTED TRADE PRACTICES.

PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK TO REMAIN, TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK.

9. PROTECTION: PROVIDE ADEQUATE PROTECTION WHERE REQUIRED FOR THE PRESENT BUILDING AND ITS CONTENTS. TEMPORARY DUSTPROOF BARRIERS AND BARRICADES SHALL BE ERECTED WHERE REQUIRED FOR PROTECTION OF PERSONNEL, PROTECTION FROM DUST AND DIRT. FOR SECURITY, FIRE AND WEATHER PROTECTIVE REASONS CONTRACTOR SHALL TAKE EVERY PRECAUTION AGAINST FIRE BY EMPLOYING FIRE DEPARTMENT TYPE HOSES AND PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY OSHA AND/OR THE OWNER'S INSURANCE UNDERWRITER.

10. USE TEMPORARY ENCLOSURES, OR OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

11. ALL EXISTING EQUIPMENT REQUIRED TO BE REUSED SHALL BE CLEANED, RECONDITIONED, CALIBRATED AND ADJUSTED. IN ALL INSTANCES WHERE CONTRACTOR FINDS THAT EXISTING EQUIPMENT IS DEFECTIVE TO THE POINT WHERE IT CANNOT BE PROPERLY RESTORED AND WILL NOT OPERATE PROPERLY, HE SHALL REPORT THE SPECIFIC INSTRUMENTS OR EQUIPMENT TO THE OWNER/ENGINEER FOR DIRECTIONS.

12. TEMPORARY SHUTDOWNS OF SERVICE OF EXISTING ELECTRICAL. HEATING, AIR CONDITIONING, AND VENTILATION SYSTEMS SHALL BE PERFORMED WITH A MINIMUM OF DISRUPTION OF SERVICE. HELD TO AN ABSOLUTE MINIMUM DURATION OF TIME, AND ONLY AFTER HAVING NOTIFIED THE BUILDING OPERATIONS MANAGEMENT AT LEAST TWO WEEKS IN ADVANCE AND HAVING RECEIVED THEIR PERMISSION IN WRITING, AT LEAST TWO WEEKS PRIOR TO THE SCHEDULED SHUTDOWN. COMMUNICATIONS SHALL BE RELAYED THROUGH THE CONSTRUCTION MANAGER.

13. ELECTRICAL CONTRACTOR SHALL RING OUT AND IDENTIFY ALL CIRCUITS REMAINING IN CONTRACT AREA, AFTER DEMOLITION. REMOVE ALL CIRCUITS BACK TO POINT OF SOURCE. MARK PANEL CIRCUITS NO LONGER IN USE "SPARE".

#### **HVAC NOTES:**

- 1. THE WORK SHALL COMPLY WITH THE 2020 BUILDING CODE OF NYS. IN ADDITIONS, THE WORK SHALL COMPLY WITH ALL OTHER RELEVANT CODES, RULES AND ORDINANCES OF THIS STATE OF NEW YORK, ALL LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PAY ALL FEES AND TAXES, OBTAIN ALL PERMITS AND APPROVALS, FILE THE REQUIRED DOCUMENTS AND CAUSE ALL INSPECTIONS.
- CONTRACTOR SHALL PROVIDE ALL WORK, EQUIPMENT, LABOR AND 3. MATERIAL REQUIRED FOR A COMPLETE AND TROUBLE FREE INSTALLATION.
- ALL DUCTWORK ELBOWS SHALL BE EITHER LONG RADIUS OR SQUARE WITH TURNING VANES.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT, PIPING, CONTROLS, DUCTWORK, REGISTERS, SUPPORTS, DAMPERS, AND ACCESSORIES PRIOR TO FABRICATION AND INSTALLATION. SUBMIT ALL REPORTS FOR REVIEW SUCH AS TESTING, ADJUSTING, AND BALANCING, AND COMMISSIONING.
- CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS AND NOTIFY OWNER OF ANY DISCREPANCIES BEFORE COMMENCING WORK.
- PROVIDE AN AIR BALANCE REPORT FOR THE EQUIPMENT SHOWN ON THE 7 DRAWINGS.
- ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER TO THE SATISFACTION OF THE OWNER.
- EXCEPT AS NOTED, ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND IN GOOD CONDITION. WHERE APPLICABLE BY CODE AND/OR THESE SPECIFICATIONS, EQUIPMENT AND MATERIALS SHALL BE LABELED BY THE REQUISITE GOVERNING AGENCY.
- 10. SURVEY THE INSTALLATION SITE PRIOR TO BID. DETERMINE THE CONSTRAINTS OF THE EXISTING AVAILABLE SPACE PERTAINING TO EQUIPMENT SIZE AND CONFIGURATION AND EXAMINE THE CONDITIONS UNDER WHICH THE EQUIPMENT WILL BE INSTALLED. VERIFY ALL MEASUREMENTS AT THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIMENSIONAL COMPATIBILITY OF THE DUCTWORK AND EQUIPMENT WITH THE SPACE.
- 11. SHIP AND DELIVER EQUIPMENT KNOCKED DOWN AS NECESSARY TO FIT THROUGH EXISTING BUILDING OPENINGS. VERIFY IN FIELD THE CONSTRAINTS OF THE EXISTING BUILDING PRIOR TO FABRICATION OF EQUIPMENTS. INCLUDE IN THE BID ALL COSTS ASSOCIATED WITH RIGGING AND DELIVERY OF EQUIPMENT AS REQUIRED BY THE EXISTING BUILDING CONDITIONS.
- 12. SCHEDULE AND NOTIFY THE OWNER AND BUILDING MANAGEMENT IN ADVANCE PRIOR TO SHUTDOWN OF ANY SERVICES.
- 13. UPON COMPLETION OF THE PROJECT, PROVIDE AS-BUILT DRAWINGS TO THE OWNER. FOR QUANTITY OF COPIES, REFER TO GENERAL SPECIFICATIONS OR AS DIRECTED BY ARCHITECT.
- 14. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO CALL FOR AN INSTALLATION THAT IS COMPLETE IN EVERY RESPECT. IF AN ITEM OF WORK IS SHOWN ON THE DRAWINGS. IT SHALL BE CONSIDERED SUFFICIENT FOR INCLUSION IN THE CONTRACT. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT USUALLY FURNISHED OR NEEDED TO MAKE A COMPLETE INSTALLATION, WHETHER SPECIFICALLY MENTIONED OR NOT.
- 15. RENDER FULL COOPERATION TO OTHER TRADES AND COORDINATE THE WORK WITH OTHER TRADES. THIS CONTRACTOR SHALL ASSIST IN WORKING OUT SPACE CONDITIONS.
- 16. PERFORM ALL CUTTING AND PATCHING NECESSARY FOR THE PROPER INSTALLATION OF THIS WORK. REPAIR ANY DAMAGE DONE BY THIS WORK AND REPAIR ANY DAMAGE CAUSED.
- 17. ON ACCEPTANCE OF CONTRACT, CONTRACTOR AGREES TO GUARANTEE THE WORK AND EQUIPMENT FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF INITIAL OPERATION. MANUFACTURED EQUIPMENT SHALL CARRY FULL PERIOD OF MANUFACTURER'S GUARANTEE, AND SHALL NOT BE LESS THAN ONE (1) YEAR. COMPRESSORS SHALL CARRY AN EXTENDED WARRANTY OF FIVE YEARS.

## **GENERAL NOTES**

ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 NYS BUILDING CODE, 2020 NYS MECHANICAL CODE, AND 2020 NYS ENERGY CONSERVATION CODE, AND ALL GOVERNING LOCAL CODES, LAWS, AND REGULATIONS.

PROVIDE A COMPLETE OPERABLE SYSTEM IN A WORKMANLIKE MANNER. OUTLINE DESCRIPTION AND EQUIPMENT; DO NOT LIMIT CONTRACTOR'S LIABILITY FOR THE INSTALLATION OF A COMPLETE OPERABLE SYSTEM

3. THE CONTRACTOR SHALL FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND NOTIFY THE OWNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN IN THESE DOCUMENTS. ALL DIMENSIONS AND EQUIPMENT ARE SHOWN DIAGRAMMATICALLY, COORDINATE WITH ACTUAL FIELD CONDITION.

BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE BUILDING DEPARTMENT. OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES REQUIRED.

COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.

THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK. RESTORE WALLS AND CEILINGS TO MATCH EXISTING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.

8. THE TERM "FINISH FLOOR" SHALL MEAN THE NORMAL FINISHED SURFACE OF THE FLOOR LEVEL. ALL ELEVATIONS GIVEN FOR EXISTING BUILDINGS ARE TO FINISHED FLOOR. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS FOR EXISTING STRUCTURES PRIOR TO THE COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL PATCH AND REPAIR ALL FLOORS, WALLS CEILINGS, ETC. DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS AND FINISH TO MATCH ADJOINING SURFACES.

10. ALL NEWLY INSTALLED, PATCHED WORK AND ALL AFFECTED AREAS SHALL BE PAINTED, ALL PAINTING WORK SHALL BE PERFORMED TO COVER THE ENTIRE HORIZONTAL OR VERTICAL SURFACE TO THE CLOSEST CORNER IN ALL FOUR DIRECTIONS. COLOR TO MATCH EXISTING CONDITIONS.

WORK NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION, INSTALLATION OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE OWNER, SHALL BE INCLUDED IN THE WORK THE SAME AS IF HEREIN SPECIFIED OR INDICATED.

12. DURING CONSTRUCTION, TEMPORARY BAFFLES TO SEAL OPENINGS TO PREVENT DUST AND DIRT FROM FILTERING INTO OCCUPIED AREAS ARE TO BE PROVIDED BY CONTRACTOR.

ALL WORK SHALL BE INSTALLED SO THAT ALL PARTS REQUIRED ARE READILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR.

14. CONTRACTOR SHALL MAINTAIN FREE AND UNOBSTRUCTED ACCESS FROM ALL FLOORS AND ADJACENT SPACES INTO THE EXISTING FIRE STAIRS TO OUTSIDE OF THE BUILDING AT ALL TIMES.

15. CONTRACTOR SHALL MAINTAIN FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE WILL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY

16. PROVIDE BARRICADES AROUND WORK AREAS AS REQUIRED TO PREVENT BUILDING OCCUPANTS AND OTHER UNAUTHORIZED PERSONS FROM ENTERING THEREIN.

11

13

OWNER

CONTRACT 20. THE MECHANICAL CONTRACTOR SHALL PROVIDE POWER SUPPLIES. ELECTRICAL WIRING AND CONDUIT FOR POWER AND CONTROL TO PNEUMATIC DAMPER AND VALVE OPERATORS, THERMOSTATS, AUTOMATIC CONTROL INSTRUMENTATION. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.

21. FOR POWERED EQUIPMENT INTENDED FOR DEMOLITION, COORDINATE WITH THE ELECTRICAL TRADE TO ENSURE THAT POWER SUPPLIES AND DISCONNECT SWITCHES ASSOCIATED WITH THE EQUIPMENT ARE SHUT-OFF AND DISCONNECTED.

22. TEMPORARY SHUTDOWNS OF SERVICE OF EXISTING ELECTRICAL, STEAM, HEATING, AIR CONDITIONING AND VENTILATION SYSTEMS SHALL BE PERFORMED WITH A MINIMUM OF DISRUPTION OF SERVICE. HELD TO AN ABSOLUTE MINIMUM DURATION OF TIME. AND ONLY AFTER HAVING NOTIFIED THE BUILDING OPERATIONS MANAGEMENT AT LEAST TWO WEEKS IN ADVANCE AND HAVING RECEIVED THEIR PERMISSION IN WRITING, AT LEAST TWO WEEKS PRIOR TO THE SCHEDULED SHUTDOWN. COMMUNICATIONS SHALL BE RELAYED THROUGH THE COSNTRUCTION MANAGER.

23. PROVIDE EQUIPMENT MAINTENANCE MANUALS AND REQUIRED EQUIPMENT LABELS FOR ALL MECHANICAL. ELECTRICAL AND SERVICE HOT WATER HEATING EQUIPMENT. TO THE OWNER WITHIN 90 DAYS AFTER SYSTEM ACCEPTANCE.

25. ALL WORK ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS "EXISTING TO REMAIN".

26. DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION, INSTALLATION OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE ENGINEER, SHALL BE INCLUDED IN THE WORK THE SAME AS IF HEREIN SPECIFIED OR INDICATED.

27. THE WORD "PROVIDE" USED ON DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT MEANS "FURNISH AND INSTALL". WHEN ONLY ONE PART OF ACTION IS REQUIRED, EITHER "FURNISH" OR "INSTALL" WILL BE USED ACCORDINGLY (TYP., U.O.W.N.).

28. ALL DISCONNECT SWITCHES, STARTERS, AND VARIABLE FREQUENCY DRIVES SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

17. CONTRACTOR IS TO NOTIFY IMMEDIATELY THE OWNER OF ANY HAZARDOUS MATERIALS ENCOUNTERED IN ENCLOSED SPACES. ANY SUCH MATERIALS SHALL BE PROMPTLY TESTED AND REMOVED BY A QUALIFIED CONSULTANT AS PER D.O.B. STANDARDS & THE LAW.

18. CONTRACTOR SHALL RELOCATE AND PATCH ANY EXISTING ITEMS INTERFERING WITH THE INSTALLATION OF NEW WORK WHETHER SHOWN OR NOT ON THE DRAWINGS AT NO COST TO

19. THERE WILL BE NO CHANGE IN USE, EGRESS OR OCCUPANCY BECAUSE OF THE WORK OF THIS

24. WHERE MANUFACTURERS NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.

29. DESIGN LOADS ASSOCIATED WITH HEATING, VENTILATING, AND AIR CONDITIONING HAVE BEEN DETERMINED IN ACCORDANCE WITH ANSI/ASHRAE/ACCA STANDARD 183.

![](_page_13_Figure_100.jpeg)

	UNIT NUMBER	P-1, P-2
	MECHANICAL RM	
	BOILER B-1, B-2	
	ТҮРЕ	BASE MOUNTED END SUCTION
	IMPELLER DIA. (IN)	9.5
	SUCTION CONN. (IN)	2.5
	DISCHARGE CONN. (IN)	2
PUMP DATA	CAPACITY (GPM)	150
	TOTAL HD (FT.)	70
	WORKING FLUID	WATER - 30% PG
	FLUID TEMP °F	160
	ТҮРЕ	NEMA PREMIUM, VFD READY
	H.P.	7.5
	RATED R.P.M.	1800
MOTOR	DUTY POINT R.P.M.	1538
Moron	ENCL. TYPE	ODP
	V/PH/HZ	460/3/60
	DUTY POINT BHP	3.56
	DUTY POINT EFF. (%)	72.8
0	PERATING WEIGHT (LB)	350
PUMP E	BASE DIMENSIONS (L x W) (IN)	35 x 15
	MANUFACTURER	BELL & GOSSETT
BASIS OF DESIGN	MODEL	e-1510-2BD-SS-213T
EMARKS PROVIDE OPERATIONS AI PROVIDE NEW 6" TALL EC PROVIDE VIBRATION ISOI PROVIDE VFD FOR ALL UI L OTHER PUMPS. ELECTRICAL MOTORS SH	ND MAINTENANCE MANUALS. QUIPMENT PAD, EXTEND 6" BEYOND EQUIPMEN ATORS. NITS WITH 5 MOTOR HP AND GREATER. PROVI ALL MEET THE MINIMUM EFFICIENCY REQUIRE	NT BASE IN ALL DIRECTIONS. DE MOTOR STARTER/DISCONNECT FOR EMENTS OF TABLES C405.8(1) THOUGH

PIPE INSULATION SCHEDULE							
FLUID	THICKNES S	OPERATING TEMP RANGE, °F					
MAKE-UP WATER (ALL SIZES)	0.5"	40-60					
HWS&R (LESS THAN 1-1/2")	1.5"	141-200					
HWS&R (1-1/2" AND GREATER)	2.0"	141-200					

PIPE SIZE SCHEDULE						
PIPE SIZE	FLOW RANGE					
3/4"	0-4 GPM					
1"	5-7.5 GPM					
1-1/4"	8-16 GPM					
1-1/2"	17-24 GPM					
2"	25-48 GPM					
2-1/2"	49-77 GPM					
3"	78-140 GPM					
4"	141-280 GPM					
5"	281-500 GPM					
6"	501-800 GPM					
MINIMUM	PIPE SIZES SHALL BE PROVIDED AS					
SCHEDULED	ABOVE. WHERE PIPE SIZES INDICATED					
ELSEWHER	E WITHIN DRAWINGS CONFLICT WITH					
SCHEDULED	FLOW, THE LARGER SIZE PIPE SHALL					
BE PRO	OVIDED. MINIMUM PIPE SIZE 3/4".					

– ALTERNATE #1

### EXISTING CIRCULATOR PUMP

P-3: BELL & GOSSETT, SERIES 60 IN-LINE, MODEL #601, APPROX. 150 GPM P-4: TACO, SERIES 1600 IN-LINE, MODEL# 1641C354, APPROX. 150 GPM

BOILE	ER-BURNER UNIT SCHED	ULE
	B-1, B-2	
	MECHANICAL ROOM	
	ТҮРЕ	CONDENSING
	1,900,000	
	MIN OVERALL BOILER EFFICIENCY (%)	94.6
RATING	NET I.B.R. OUTPUT (WATER) @ 100% (BTU/H)	NA
	TURNDOWN RATIO	20:1
DESIGN HOT W	180	
DESIGN HOT W	160	
SYSTE	12	
MAX ALLOWAE	30	
FLUE OUTL	8 / 8	
SUPP	4	
RETU	4	
	GAS CONNECTION, NPT (IN)	2
FUEL DATA	GAS FIRING RATE (CFH)	2000
	INLET PRESSURE RANGE (IN. WC)	4.0 - 14
	VOLTS/PH/HZ	120/1/60
ELECTRICAL DATA	POWER, FLA	16
	OPERATING AMPS, MCA	-
OVERALL DIMENSIONS	58 X 28 X 78	
HOUSE KEEPING C	CONCRETE PAD DIMENSIONS (INCHES)	-
OPI	ERATING WEIGHT (LBS)	1654
	BOILER MANUFACTURER & MODEL NO.	AERCO
BASIS OF DESIGN	BURNER MANUFACTURER & MODEL NO.	BENCHMARK 2000

REMARKS 1. PROVIDE OPERATIONS AND MAINTENANCE MANUALS, CONTRACTOR TO INSTALL UNIT PER MFGR'S IOM MANUAL.

SHIP BOILER PACKAGED AND SHOULD FIT THROUGH STANDARD 3 FOOT DOOR WIDTH. 2. VERIFY IN FIELD CONNECTION LOCATIONS AND CLEARANCES FOR BOILERS, REFER TO 3.

MANUFACTURER'S DOCUMENTS. 4. PROVIDE CONTROL PANEL.

NEW YORK STATE EDUCATION DEPARTMENT CONTROL COMPLIANCE, WIRING, AND OTHER 5. EQUIPMENT AS NECESSARY TO SATISFY THE SEQUENCE OF OPERATION.

6. VENTLESS GAS TRAIN BOILER SHALL UTILIZE NON-METALLIC VENT. 7.

8. CONTROLLER SHALL DISPLAY AN ALERT WHEN 02 LEVEL IS ABOVE OR BELOW CRITICAL

VALUES. 9. COMBUSTION 02 LEVELS SHALL NOTE EXCEED 7% THROUGHOUT ENTIRE FIRING RANGE.
 10. BOILER MANUFACTURER TO PROVIDE AND CONTROL FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER.

11. PROVIDE BOILER SEQUENCING WITH HW RESET.

12. BOILER SHALL BE EQUIPPED WITH COMBUSTION AIR TEMPERATUER COMPENSATION TO AUTOMATICALLY COMPENSATE FOR AIR DENSITY CHANGES BY ADJUSTING OXYGEN AND OPTIMIZE THE COMBUSTION EFFICIENCY UNDER ALL SEASONAL TEMPERATURE CHANGES. 13. BOILER STAGING POINT NOT TO EXCEED 40%

14. BOILER MANUFACTURER TO PROVIDE 10 YEAR NON-PRORATED HEAT EXCHANGER

WARRANTY. 15. BOILER MANUFACTURER TO PROVIDE 2 YEAR NON-PRORATED CONTROLLER WARRANTY. 16. BOILER MANUFACTURER TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION.

17. PROVIDE CONDENSATE NEUTRALIZER FOR EACH BOILER AND COMMON FLUE DRAINS.

EXPANSION TANK SCHEDULE											
	SERVICE	LOCATION	SYSTEI RAI	M TEMP NGE	INITIAL PRESS. IN	MIN. VOLUME	ACCEPT VOLUME	PIPE SIZE	WEIGHT	BASIS OF D	DESIGN
#		MIN °F	MAX °F	PSIG	GAL	GAL	TOTAINK	TOTAINK		MANUFACTURER	MODEL #
ET-1	HOT WATER	BOILER RM	140	190	12	50	34.56	1-1/2	651	BELL & GOSSETT	B-200

EXPANSION TANK SCHEDULE NOTES: 1. PROVIDE VERTICAL, ASME BLADDER EXPANSION TANK FULLY CHARGED TO MEET THE

REQUIREMENTS OF THIS SCHEDULE. PROVIDE SIGHT GLASS AND PROPER SUPPORTS FOR INSTALLATION ON CONCRETE PAD.
 MAINTAIN REQUIRED SERVICE CLEARANCES AS DIRECTED BY MANUFACTURER.

	AIR SEPARATOR SCHEDULE									
				AIR SEPARATOR			BASIS OF DESIGN			
UNIT #	SERVICE LOCATION T	TYPE	SIZE (IN)	FLOW (GPM)	PRESS. DROP (FT H20)	WEIGHT (LBS)	MANUFACTURER	MODEL #		
AS-1	HOT WATER	MECHANICAL RM	COALESCING AIR & DIRT	8	480	0.3	1083	BELL & GOSSETT	CRS-8F	

CHEMICAL SHOT FEEDER SCHEDULE									
UNIT	SERVICE	CE LOCATION TYPE SIZE MAX. PRESS.		WEIGHT	BASIS OF D	DESIGN			
#				(GAL)	(PSIG)	(LD3)	MANUFACTURER	MODEL #	
CF-1	HOT WATER	BOILER RM	VERTICAL BY-PASS	5	300	38	NEPTUNE	DBF-5HP	

UNIT # SERVICE LOCATION CAPACITY (GAL) WATER TEMP BASIS OF DE	DOMESTIC INDIRECT HOT WATER HEATER SCHEDULE								
	UNIT #	SERVICE	LOCATION	LOCATION CAPACITY RANGE BASIS OF DESIGN		F DESIGN			
INLET OUTLET MANUFACTURER				(GAL)	INLET °F	OUTLET °F	MANUFACTURER	MODEL #	
IWH-1     HOT WATER     BOILER RM     200     40     140     AO SMTIH     HW	IWH-1	HOT WATER	BOILER RM	200	40	140	AO SMTIH	HWGV200ASW660	

INDIRECT WATER HEATER SCHEDULE NOTES: 1. PROVIDE 210 GALLON 2-PORT BUFFER TANK, ASME CODE SECTION VIIIM MAX PRESSURE 125 PSIG, MAX FLOW RATE 55 GPM.

V	ATER MAKE-UP	UNIT		
UNIT NO.		MU-1		
	FLOW RATE (GPM)	5		
	MAX. PRESSURE (PSIG)	60		
PUMP DATA	RPM	3600		
	HP	3/4		
	V/PH/Hz	115/1/60		
TANK SIZE (G	55			
UNIT DIMENS	IONS (LxWxH)(IN)	30 x 30 x 60		
UNIT WEIGHT (LBS) 600				
REMARKS: 1. PROVIDE / CAPABLE PSIG. PRO STRAINER MOTOR, C DISCHARC CUT-OUT, LIGHTS IN 2. REFER TC 3. PROVIDE ( 4. BASIS OF [	A PACKAGED MAKE-UP UNIT WHI OF MAINTAINING THE SYSTEM FI OVIDE A POLYETHYLENE TANK WI SISOLATION VALVES, PUMP WITH HECK/BALANCING VALVE, EXPAN E PRESSURE GAUGE, STEEL PIF AND CONTROL/ALARM PANEL WI A NEMA 4 ENCLOSURE. DETAIL 7/M502 FOR PIPING AND OPERATION AND MAINTENANCE I DESIGN: BELL & GOSSETT GMU-6	CH SHALL BE LL PRESSURE AT 30 TH REMOVABLE LID, I OPEN DRIP PROOF ISION TANK, PING, LOW LEVEL ITH INDICATOR INSTALLATION. MANUAL. 0.		

COMBUSTION AIR DAMPER SCHEDULE						
MARK	MARK SERVICE		BASIS OF DESIGN			
<u>D-1</u>	COMBUSTION AIR	20	RUSKIN CD50			

![](_page_14_Figure_30.jpeg)

SHEETMETAL LEGEND					PIPING LEGEND		FITTIN	FITTING LEGEND	
SINGLE LINE	DOUBLE LINE								
						Cws	CHILLED WATER SUPPLY	+0	ELBOW TURNED UP
		SUPPLY DUCT (UP & DN)				— — CWR — —	CHILLED WATER RETURN	C+	ELBOW TURNED DOWN
		RETURN OR EXHAUST DUCT (UP & DN)					CONDENSER WATER SUPPLY TO TOWER	+0+	TEE TURNED UP
							CONDENSER WATER RETURN FROM TOWER		TEE TURNED DOWN
12 x 10	12 × 10	RECTANGULAR DUCTWORK (WIDTH X DEPTH)				CD	CONDENSATE DRAIN	++	TEE (SIDE)
						—— HWS ——	HOT WATER SUPPLY	+>+	RISE OR DROP IN PIPE
					FLEXIBLE CONNECTOR. INSTALL AT ALL MOTOR DRIVEN EQUIPMENT	— — HWR — —	HOT WATER RETURN		UNION
10"#					ELEXIBLE DUCT (MAXIMUM LENGTH NOT TO EXCEED 36	MUW	MAKE UP WATER		FLANGE
	10"ø	ROUND DUCTWORK (SIZE, DIAMETER)	× ×	<u>+</u> +	INCHES)	GS	GLYCOL SUPPLY		PIPE CAP
		VANED FLBOW (PROVIDE ALL SQUARE OR	\ <b>\</b> \			— — GR — —	GLYCOL RETURN	————   Þ	CLEANOUT W/ PLUG
~		RECTANGULAR ELBOWS WITH VANES)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		TRANSITION WITH FLAT SIDE	— — ATV — —	ATMOSPHERIC VENT		CONCENTRIC REDUCER
	w.						EXISTING TO REMAIN		ECCENTRIC REDUCER
		RADIUS ELBOW (I.D. RADIUS IS DUCT WIDTH)				——X——	EXISTING TO BE REMOVED		PIPE PITCH UP
×+		RADIUSED TEE WITH VOLUME DAMPERS (I.D.			RECTANGULAR TO ROUND TRANSITION	Ð	POINT OF CONNECTION		PIPE PITCH DOWN
						$\bullet$	POINT OF DISCONNECTION		
5		SQUARE THROATED TEE WITH TURNING VANES			BRANCH TAKE-OFF WITH VOLUME DAMPER	SP	ECIALTY LEGEND	VALV	E LEGEND
~			<del>_</del>			<u>C:</u>		_	
, <u>DN</u> ,		CHANGE IN ELEVATION (UP) (DN) IN DIRECTION			RADIUS OFFSET (I.D. RADIUS IS DUCT WIDTH)	 		ιδι	BALL VALVE
									BUTTERFLY VALVE
<u>ب</u>		VOLUME DAMPER (SINGLE OR OPPOSED BLADE) AS SPECIFIED			ROUND TAP TO RECTANGULAR DUCT (SPIN-IN-FITTING OR BELL MOUTH) & VOLUME DAMPER		FLEXIBLE CONNECTOR		GATE VALVE
			SD,FD,OR_FD/SD	SD,FD,OR FD/SD		П	VENTURI FLOWMETER		GLOBE VALVE
AD		ACCESS DOOR (BOTTOM SHOWN)			DAMPER W/ACCESS DOOR	<b>₽</b>	FLOWLIMITING FITTING	<b>_</b>	CALIBRATED BALANCING VALVE
		ACCESS DOOR (SIDE SHOWN)			SUPPLY DUCT WITH SPLITTER DAMPER AND	Ŷ	PRESSURE GAUGE W/NEEDLE VALVE		PUMP TRIPLE DUTY VALVE
AD	AD		SQUARE-THROAT ELBOW		THERMOMETER	↓⊽⊢	LUBRICATED PLUG VALVE		
} }××××}		DUCTWORK TO BE REMOVED, INCLUDING ALL			SUPPLY DUCT WITH SPLITTER DAMPER AND RADIUS		THERMOMETER WELL		ANGLE VALVE
						FS	FLOW SWITCH		
							PRESSURE SWITCH		CHECK VALVE
							Y-LINE STRAINER		RELIEF VALVE
							Y-LINE STRAINER W/VALVE		HOSE END DRAIN VALVE
						T	THERMOSTAT (48" AFF) (ELECTRIC) (REFER TO SPECIFICATION)		MODULATING TWO WAY VALVE
									MODULATING THREE WAY VALVE
								<u> </u>	ELECTRIC MOTOR ACTUATOR

![](_page_15_Figure_1.jpeg)

NOT ALL ABBREVIATIONS AND SYMBOLS SHOWN MAY BE USED THROUGHOUT.

END
RNED UP
RNED DOWN
D UP
D DOWN
OP IN PIPE
W/ PLUG
IC REDUCER
REDUCER
UP
DOWN
IND
/E
Y VALVE
VE
LVE
ED BALANCING VALVE
PLE DUTY VALVE
ED PLUG VALVE
LVE

Ο

SOLENOID ACTUATOR

ABBREVIATIONS			
AD	ACCESS DOOR		
AF AFF			
APD	AIR PRESSURE DROP		
AMP	AMPERE		
BHP	BRAKE HORSEPOWER		
BUIL. BTUH	BRITISH THERMAL UNITS PER HOUR		
CAI	COMBUSTION AIR INTAKE		
CFM	CUBIC FEET PER MINUTE		
CO			
CONT. CW	COLD WATER		
DEG, °	DEGREES		
ав DB	DRY BULB		
	DIRECT DIGITAL CONTROL		
DIA, Ø DWG	DRAWING		
EAT			
EWT	ENTERING WATER TEMPERATURE		
EX, EXIST.			
FD/SD	COMBINATION FIRE/SMOKE DAMPER		
FL			
FLD	FLOOR DRAIN		
FOS			
FPM	FEET PER MINUTE		
FT	FEET NATURAL GAS		
GAL	GALLONS		
GC	GENERAL CONTRACTOR		
GS	GLYCOL SUPPLY		
GR HC			
HE	HEAT EXCHANGER		
HGT HP	HEIGHT		
HWB	HOT WATER BOILER		
HWS HWR	HOT WATER SUPPLY		
HZ	HERTZ		
IN KW			
LAT	LEAVING AIR TEMPERATURE		
LBS/HR	POUNDS PER HOUR		
LP	LOW PRESSURE		
LWT LxWxH	LEAVING WATER TEMPERATURE		
MAX	MAXIMUM		
MBH MCA	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR MINIMUM CIRCUIT AMPACITY		
MD	MOTORIZED DAMPER		
MIN NIC	MINIMUM NOT IN CONTRACT		
NOM	NOMINAL		
OA P	PUMP		
PD	PRESSURE DROP		
PSIG	POUNDS PER SQUARE INCH GAUGE		
REQD	REQUIRED		
RPM	REVOLUTIONS PER MINUTE		
SG	SPECIFIC GRAVITY		
SENS	SENSIBLE		
SF			
SQ	SQUARE		
SS TEMD	STAINLESS STEEL		
THK	THICK		
	TYPICAL UNLESS NOTED OTHERWISE		
UTR	UP TO ROOF		
V VA	VENT, VOLTS, OR VOLUME		
VAV	VARIABLE AIR VOLUME		
VD VIV	VOLUME DAMPER (MANUAL) VARIABLE INI FT VANF		
VFD	VARIABLE FREQUENCY DRIVE		
VI⊢ W	VERIFY IN FIELD WATTS. WIDTH		
WBT	WET BULB TEMPERATURE (°F)		
WC WG	WATER COLUMN WATER GAUGE		
WMS	WIRE MESH SCREEN		
VVPD	WATER PRESSURE DROP		

![](_page_15_Figure_6.jpeg)

![](_page_16_Figure_0.jpeg)

#### **KEYED NOTES**

- $\langle 1 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF EXISTING HOT WATER BOILER, BURNER AND ASSOCIATED PIPING.
- $\langle 2 \rangle$  EXISTING HOUSEKEEPING PAD TO REMAIN.
- $\langle 3 \rangle$  REMOVE EXISTING HOUSEKEEPING PAD, REFER TO ARCHITECTURAL PLANS.
- $\langle 4 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF ABANDONED CHILLED WATER PUMPS, ASSOCIATED INSULATED PIPING AND SUPPORTS.
- $\langle 5 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF DOMESTIC HOT WATER TANK AND ASSOCIATED SUPPORTS.
- 6 DISCONNECT, REMOVE AND DISPOSE OF EXISTING OIL STORAGE DAY TANK, ASSOCIATED PIPING AND FUEL MONITORING SYSTEM.
- $\langle 7 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF EXISTING UNDERGROUND FUEL OIL STORAGE TANK, ASSOCIATED WITH PIPING AND FUEL MONITORING SYSTEM.
- $\langle 8 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF EXISTING FRESH AIR DAMPER AT CEILING AND WALL. EXISTING LOUVER AT WALL TO REMAIN.
- 9 DISCONNECT, REMOVE AND DISPOSE OF EXISTING CEILING SUSPENSION EXPANSION TANK, ASSOCIATED SUPPORTS AND PIPING.
- REPLACE P-1 AND P-2 AS ALTERNATE 2
- (11) DISCONNECT EXISTING HOT WATER CIRCULATING PUMP. EXISTING PUMP TO BE RE-UTILIZED. CONTRACTOR RESPONSIBLE TO PROTECT
- PUMP FOR REINSTALLATION. (12) DISCONNECT, REMOVE AND DISPOSE OF EXISTING HOT WATER
- STORAGE TANK AND ASSOCIATED SUPPORTS.
- $\langle 13 \rangle$  EXISTING PNEUMATIC BMS CONTROL PANEL TO REMAIN.
- (14) EXISTING SUMP PUMP AT FLOOR TO REMAIN.
- (15) EXISTING WALL MOUNTED SINK TO REMAIN.
- $\langle 16 \rangle$  DISCONNECT, REMOVE AND DISPOSE OF EXISTING BREECHING AND INSULATION, CAP AND SEAL AT CHIMNEY.
- $\langle 17 \rangle$  EXISTING SIEMENS BMS PANEL TO REMAIN.
- $\langle 18 \rangle$  EXISTING AIR DRYER FOR PNEUMATIC SYSTEM TO REMAIN.
- $\langle 19 \rangle$  DISCONNECT, REMOVE AND DISPOSE EXISTING DRAFT SYSTEM CONTROLS.
- $\langle 20 \rangle$  VFD FOR DOMESTIC HOT WATER PUMP TO REMAIN.
- (21) DISCONNECT, REMOVE AND DISPOSE OF EXISTING AIR SEPARATOR, EXPANSION TANK AND HEADER FOR CHILLED WATER SYSTEM. REMOVE ALL ASSOCIATED SUPPORTS.
- 22 REMOVE EXISTING WATER HEATER. REMOVE GAS LINE BACK TO MAIN.

![](_page_16_Figure_26.jpeg)

![](_page_16_Figure_27.jpeg)

![](_page_17_Figure_0.jpeg)

![](_page_17_Figure_1.jpeg)

### KEYED NOTES

1 DISCONNECT AND REMOVE AIR HOOD. EXISTING CURB TO REMAIN. COORDINATE REMOVALS WITH ARCHITECT.

![](_page_17_Figure_4.jpeg)

![](_page_17_Figure_5.jpeg)

M GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901 Mechanical & Electrical Engineer: Ч NORTH ROCKLAND HIGH SCHOOL EXTENSION BOILER REPLACEMENT -016 65 ( Gari 

Drawing No.

AL RO

![](_page_18_Figure_0.jpeg)

![](_page_18_Picture_1.jpeg)

# MECHANICAL PARTIAL SITE PLAN - REMOVAL SCALE: 3/32" = 1'- 0"

#### **KEYED NOTES:**

- 1 DISCONNECT AND REMOVE UNDERGROUND FUEL OIL TANK AND ASSOCIATED FILL/VENT PIPING, MANHOLES, ETC. CONTRACTOR TO COORDINATE REMOVAL WITH FACILITIES AND ASSOCIATED UTILITY PROVIDER. SEE GENERAL NOTES ON THIS DRAWING FOR MORE INFO.
- 2 DISCONNECT AND REMOVE BURIED FUEL OIL SUPPLY AND RETURN PIPING FROM UNDERGROUND FUEL STORAGE TANK TO BOILER ROOM DAY TANK. COORDINATE REMOVAL WITH FACILITIES. SEE GENERAL NOTES ON THIS DRAWING FOR MORE INFO.
- $\langle 3 \rangle$  EXISTING UTILITY GAS METER AND PIPING TO REMAIN.

### **GENERAL NOTES:**

- 1. PRIOR TO REMOVAL OF FUEL OIL TANK AND FUEL OIL PIPING, CONTRACTOR TO EMPTY TANK FROM ITS CONTENTS AND PROPERLY DISPOSE PER EPA REGULATIONS.
- 2. CONTRACTOR TO PERFORM TEST OF THE EXCAVATED SOIL FOR ANY CONTAMINATES. UPON COMPLETION OF THE REMOVAL WORK, CONTRACTOR TO BACKFILL EXCAVATED AREA WITH CLEAN FILL.
- 3. COORDINATE ALL EXCAVATION AND FILL REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR.

![](_page_18_Figure_12.jpeg)

PLAN NORTH

![](_page_18_Figure_13.jpeg)

![](_page_19_Figure_0.jpeg)

1

# **KEYED NOTES:**

- $\langle 1 \rangle$  PROVIDE HOT WATER CONDENSING BOILER, SEE EQUIPMENT SCHEDULE ON DRAWING M002 AND MECHANICAL DETAILS. PROVIDE NEW DDC CONTROLS AND INTERCONNECT TO EXISTING SIEMENS BMS SYSTEM. SEE DRAWING M401 AND SPECIFICATIONS.
- $\langle 2 \rangle$  PROVIDE PIPING AND REQUIRED INSULATION AND SUPPORTS FOR BOILER. MAKE ALL REQUIRED CONNECTIONS AS PER MANUFACTURER'S INSTRUCTIONS AND AS PER MECHANICAL DETAILS. FOR PIPE INSULATION, SEE SPECIFICATIONS AND SCHEDULE ON DRAWING M002.
- $\langle 3 \rangle$  FURNISH AND INSTALL EXHAUST FLUE AND COMBUSTION AIR INTAKE VENT AND SUPPORTS. SEE DETAILS ON M503 AND FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 4 FURNISH AND INSTALL CONDENSATE NEUTRALIZER FOR THE CONDENSING BOILERS, SEE DETAIL ON M503.
- $\overline{(5)}$  FURNISH AND INSTALL ALL ASSOCIATED BOILER APPURTENANCES, AIR SEPARATOR, EXPANSION TANK, CHEMICAL SHOT FEEDER, ETC. SEE EQUIPMENT SCHEDULE ON M002. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- $\langle 6 \rangle$  FURNISH AND INSTALL INDIRECT HOT WATER HEATER, SEE EQUIPMENT SCHEDULE ON M002. PROVIDE NEW PIPING, INSULATION AND SUPPORTS AND MAKE CONNECTION TO EXISTING MIXING VALVE AT DOMESTIC HOT WATER SYSTEM.
- $\langle 7 \rangle$  REINSTALL EXISTING PUMPS, P-3 AND P-4. PROVIDE NEW SUPPORTS. MAKE ALL CONNECTIONS TO EXISTING PIPING.
- $\langle 8 \rangle$  BASE BID: EXISTING PUMPS TO REMAIN. ALTERNATE #1: FURNISH AND INSTALL PUMPS, P-1, P-2. SEE WATER PUMP SCHEDULE ON DRAWING M-002 AND MECHANICAL DETAILS.
- (9) PROVIDE 3-WAY CONTROL VALVE. MAKE: SIEMENS ; MODEL: 294-06162

GENERAL NOTES:

1. SEE PIPING DIAGRAM AND DETAILS FOR ALL VALVING, FITTINGS AND SIZES.

![](_page_19_Figure_15.jpeg)

![](_page_19_Figure_16.jpeg)

![](_page_19_Figure_17.jpeg)

![](_page_19_Picture_18.jpeg)

BOILER

MECH

PLAN NORTH

![](_page_19_Picture_19.jpeg)

![](_page_19_Picture_20.jpeg)

![](_page_20_Figure_0.jpeg)

### KEYED NOTES

1 FURNISH AND INSTALL NEW VENT THROUGH EXISTING ROOF OPENING, SEE DETAIL 1/M503 AND REFER TO MANUFACTURER'S INSTALLATION MANUALS. CONTRACTOR TO PROPERLY SEAL PENETRATION, COORDINATE WITH GC AND REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAILS.

![](_page_20_Figure_3.jpeg)

![](_page_20_Figure_4.jpeg)

PLAN NORTH

M

![](_page_20_Figure_5.jpeg)

![](_page_21_Figure_0.jpeg)

SEQUENCE OF OPERATIONS:

REFER TO SPECIFICATION SECTION 230993 FOR SEQUENCE OF OPERATION AND CONTROL OF MECHANICAL EQUIPMENT LISTED AND SHOWN ON DRAWING MOO3. REFER TO MECHANICAL EQUIPMENT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

A. GENERAL:

- 1. THE OCCUPANCY MODE (UNOCCUPIED OR OCCUPIED) SHALL BE DETERMINED THROUGH A USER-DEFINABLE TIME SCHEDULE. SUMMERTIME MODE SHALL INCLUDE TIMES DURING WHICH HEATING IS NOT REQUIRED. WINTERTIME MODE SHALL INCLUDE TIMES DURING WHICH HEATING IS REQUIRED.
- 2. BOILER B-1 SHALL BE THE PRIMARY LEAD BOILER. BOILER B-2 SHALL BE THE LAG BOILER, SEE LEAD-LAG
- PROGRAMMING CONTROLS BELOW. 3. BOILER B-2 SHALL RUN WHEN MAINTENANCE IS REQUIRED ON BOILER B-1.
- 4. NEW BREAK GLASS STATION AT EACH BOILER ROOM DOORWAY SHALL SHUT DOWN BOTH BOILER PRIMARY CONTROL CIRCUITS AND CLOSE MAIN FUEL VALVES.

B. WINTERTIME OCCUPIED MODE:

- HEATING MODE SHALL BE INITIATED WHEN OUTSIDE TEMPERATURE FALLS BELOW 55°F, (ADJUSTABLE). THE HOT WATER BOILER SHALL BE ENGAGED AND MAINTAIN AT LEAST MINIMUM HOT WATER TEMPERATURE REQUIRED BY THE BOILER.
- 1. BOILER B-1: B-1 SHALL MODULATE TO MAINTAIN HOT WATER SUPPLY TEMPERATURE SETPOINT OF 180°F (ADJ.). a. PUMP P-1/2: P-1/2 Shall be energized and shall operate at a constant speed whenever B-1 is ENERGIZED (HARDWIRED TO BOILER CONTROLLER). B-1 SHALL NOT OPERATE UNLESS P-1/2 IS RUNNING. P-1/2
  - FLOW RATE SHALL BE IN ACCORDANCE WITH BOILER MANUFACTURER'S PUMPING REQUIREMENTS. b. B-1 BURNERS SHALL FULLY MODULATE AS FACTORY BURNER SET PROGRAMMING.
  - c. LOW RETURN TEMPERATURE: WHENEVER THE HOT WATER RETURN TEMPERATURE FALLS BELOW 140°F (ADJ.) AND B-1 IS ENERGIZED, AN ALARM SHALL GENERATE.
- 2. BOILER B-2: B-2 SHALL MODULATE TO MAINTAIN HOT WATER SUPPLY TEMPERATURE SETPOINT OF 180°F (ADJ.).
  - a. PUMP P-1/2: P-1/2 SHALL BE ENERGIZED AND SHALL OPERATE AT A CONSTANT SPEED WHENEVER B-1 IS ENERGIZED (HARDWIRED TO BOILER CONTROLLER). B-1 SHALL NOT OPERATE UNLESS P-1/2 IS RUNNING. P-1/2 FLOW RATE SHALL BE IN ACCORDANCE WITH BOILER MANUFACTURER'S PUMPING REQUIREMENTS.
  - b. B-2 BURNERS SHALL FULLY MODULATE AS FACTORY BURNER SET PROGRAMMING.
  - c. LOW RETURN TEMPERATURE: WHENEVER THE HOT WATER RETURN TEMPERATURE FALLS BELOW 140°F (ADJ.) AND B-2 IS ENERGIZED, AN ALARM SHALL GENERATE.

3. SECONDARY PUMPS:

- a. PUMPS P-3/4: P-3/4 SHALL OPERATE AT VARIABLE SPEED TO MAINTAIN ZONE HOT WATER SUPPLY TEMPERATURE AT A SETPOINT (BASED ON OUTSIDE AIR TEMPERATURE RESET)
- b. THE DDC SYSTEM USES CURRENT SWITCHES TO CONFIRM THE LEAD PUMP IS IN THE DESIRED STATE (I.E. ON OR OFF) AND GENERATES AN ALARM IF STATUS DEVIATES FROM DDC START/STOP CONTROL. IF THE LEAD PUMP GOES INTO ALARM, THE LAG PUMP STARTS.
- 4. OUTSIDE AIR TEMPERATURE RESET:
  - a. NATURAL GAS MODE (BOILERS B-1, B-2): BOILERS SHALL MODULATE TO MAINTAIN HOT WATER SETPOINT ACCORDING TO THE MANUFACTURER'S SUGGESTED PROTOCOL. HOT WATER SUPPLY TEMPERATURE MAY BE RESET TO 140 DEG F
  - b. OUTSIDE AIR RESET MODE SHALL BE CANCELED IF THE PRIMARY HOT WATER RETURN TEMPERATURE DROPS TO 140 DEG F. (ADJ.) WHENEVER BOILERS ARE ENERGIZED. THERE IS NO HOT WATER RETURN LOW LIMIT FOR B-2.
- 5. LEAD LAG PROGRAMMING CONTROL:

A LEAD-LAG PROGRAMMING CONTROL SHALL SEQUENCE AUTOMATICALLY THE FIRING OF MULTIPLE BOILERS WITH CHANGING LOAD CONDITIONS. THE FIRST (LEAD) BOILER STARTS-UP AND REACHES ITS BURNER DELIVERY (HIGH FIRE) RATE. IF THE FIRST BOILER IS UNABLE TO MEET THE REQUIRED WATER TEMPERATURE. THE SECOND (LAG) BOILER SHALL AUTOMATICALLY FIRE. BOILERS SHALL OPERATE IN UNISON, MODULATING TO MEET THE DEMAND. IF THE DEMAND IS LESS THAN THE CAPACITY PROVIDED BY BOTH BOILERS FIRING AT LOW FIRE, THE LAG BOILER SHALL AUTOMATICALLY SHUT DOWN THE LEAD BOILER SHALL SHUT DOWN WHEN THE DEMAND HAS BEEN EXCEEDED SELECTION OF THE LEAD BOILER SHALL BE MADE EITHER MANUALLY BY MEANS OF A SELECTOR DIAL ON THE CONTROL CABINET OR AUTOMATICALLY AS A FUNCTION OF RUN TIME.

- 6. BURNER OPERATING CONTROLS:
  - TO MAINTAIN SAFE OPERATING CONDITIONS, THE FOLLOWING BURNER SAFETY CONTROLS LIMIT BURNER OPERATION. a. HIGH TEMPERATURE LIMIT: AUTOMATIC AND MANUAL RESET STOPS BURNER IF OPERATING CONDITIONS RISE ABOVE MAXIMUM BOILER DESIGN TEMPERATURE. LIMIT SWITCH TO BE MANUALLY RESET ON THE CONTROL INTERFACE.
  - b. LOW-WATER CUTOFF SWITCH: ELECTRONIC PROBE SHALL PREVENT BURNER OPERATION ON LOW WATER. CUTOFF SWITCH SHALL BE MANUALLY RESET ON THE CONTROL INTERFACE.
  - c. BLOCKED INLET SAFETY SWITCH: MANUAL-RESET PRESSURE SWITCH FIELD MOUNTED ON BOILER COMBUSTION-AIR INLET.
  - d. HIGH AND LOW GAS PRESSURE SWITCHES: PRESSURE SWITCHES SHALL PREVENT BURNER OPERATION ON LOW OR HIGH GAS PRESSURE. PRESSURE SWITCHES TO BE MANUALLY RESET ON THE CONTROL INTERFACE.
  - e. BLOCKED DRAIN SWITCH: BLOCKED DRAIN SWITCH SHALL PREVENT BURNER OPERATION WHEN TRIPPED. SWITCH TO BE MANUALLY RESET ON THE CONTROL INTERFACE.
  - f. LOW AIR PRESSURE SWITCH: PRESSURE SWITCHES SHALL PREVENT BURNER OPERATION ON LOW AIR PRESSURE. SWITCH TO BE MANUALLY RESET ON THE CONTROL INTERFACE.
  - g. AUDIBLE ALARM: FACTORY MOUNTED ON CONTROL PANEL WITH SILENCE SWITCH; SHALL SOUND ALARM FOR ANY LOCKOUT CONDITIONS.
  - h. EACH BURNER SHALL BE PROVIDED WITH A FLAME FAILURE (COMBUSTION SAFETY) PROGRAMMING CONTROL WHICH SHALL DE-ENERGIZE ALL ELECTRICALLY OPERATED FUEL VALVES AND BURNER EQUIPMENT WITHIN FOUR SECONDS, AND ACTUATE A VISUAL ALARM MOUNTED ON THE CONTROL PANEL AFTER AN OPERATING FLAME FAILURE HAS OCCURRED. AUTOMATIC START UP AND SHUTDOWN PROGRAMMING SHALL BE A PART OF THIS SAFETY EQUIPMENT.
  - i. CARBON MONOXIDE SHUT DOWN: BURNER EQUIPMENT SHALL BE SHUT DOWN BY THE STAND ALONE CO SYSTEM ON DETECTION OF HIGH CARBON MONOXIDE LEVELS.
  - i. LOW FIRE HOLD AQUASTAT: A LOW FIRE HOLD MINIMUM TEMPERATURE AQUASTAT SHALL LIMIT BURNER MODULATION TO PREVENT BOILER FROM MODULATING TO HIGH FIRE UNTIL WATER TEMPERATURE REACHES 180°F.

C. WINTERTIME UNOCCUPIED MODE: THE BOILER SHALL MODULATE ACCORDING TO THE SAME SEQUENCE ABOVE. THE TEMPERATURE CONTROL SYSTEM SHALL BE CAPABLE OF NIGHT SETBACK.

D. SUMMERTIME MODE: BOILERS B-1 AND B-2 SHALL BE SET TO MAINTAIN DOMESTIC HOW WATER HEATING REQUIREMENTS. THE SUMMER SWING VALVE SWITCH SHALL BE SET TO OFF. PRIMARY LOOP PUMPS SHALL BE OFF. SECONDARY LOOP PUMPS SHALL BE ON.

![](_page_22_Figure_37.jpeg)

023 C Ĩġġ MAN SEN, BOULEV EDERS EXECUTIVE 20 L ~ 2 char Elec ≚்லுற ER HIG BOIL NORTH ROCKLAND SCHOOL EXTENSION REPLACEMENT  $\mathbf{\Omega}$ 0 D D MECHANIC CONTROL

Σ

![](_page_23_Figure_0.jpeg)

![](_page_23_Figure_1.jpeg)

- SHALL BE MADE THROUGH THE USE OF LONG.
- AND PROPERLY ALIGNED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S
- SHALL BE CHECKED FOR VIBRATION AND EXCESSIVE NOISE AND IMMEDIATELY CORRECTED.

- BEFORE START-UP . THE PUMP SHALL BE MANUFACTURER'S INSTRUCTIONS.
- SHALL INDICATE THE RECOMMENDED THE RECOMMENDED FREQUENCY OF

![](_page_23_Picture_12.jpeg)

SCALE: NTS NOTES:

1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL

- DRAWING. REDUCERS, ON THE WATER INLET SIDE, SHOULD BE LOCATED ADJACENT TO THE HEATER. EXPANSION FITTINGS, 2. ON THE WATER INLET SIDE, SHOULD BE LOCATED AS FAR AS POSSIBLE FROM THE HEATER.
- DRAIN VALVE SHOULD BE PIPED DIRECTLY TO A FLOOR DRAIN. RELIEF VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 19" ABOVE THE FLOOR. 4. HEATERS SHOULD BE PIPED REVERSE RETURN OR BALANCING DEVICES ON THE OUTLETS SHOULD BE EMPLOYED.
- INSTALL A HOSE CONNECTION AT THE HOT WATER OUTLET. 5. 6. CONTRACTOR RESPONSIBLE TO REVIEW MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL PIPING
- INSTALLATION GUIDELINES.

- $\langle 2 \rangle$  CIRCULATING PUMP
- 5 CALIBRATED BALANCING VALVE
- 6 CHECK VALVE
- $\langle 7 \rangle$  PRESSURE RELIEF VALVE
- $\langle 8 \rangle$  HOT WATER RETURN
- $\langle 9 \rangle$  6" CONCRETE HOUSEKEEPING PAD

![](_page_23_Figure_35.jpeg)

![](_page_24_Figure_0.jpeg)

![](_page_24_Picture_1.jpeg)

**AIR VENT AND DRAIN DETAIL** SCALE: NTS

![](_page_24_Picture_9.jpeg)

![](_page_24_Figure_10.jpeg)

![](_page_25_Figure_0.jpeg)

GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901 schanical Electrical Igineer: м М М М С I ER HIGE BOILJ NORTH ROCKLAND H SCHOOL EXTENSION E REPLACEMENT  $\mathbf{n}$ 20 Drawing MECH - 3 Σ

POWER & SYSTEMS				
SYMBOL	DESCRIPTION			
2,4	CONDUIT AND WIRE RUN CONCEALED IN FLOOR, CEILING OR WALL FOR NEW CONSTRUCTION AND SURFACE EXISTING WALLS. HASH MARKS DENOTE NUMBER OF WIRES IF MORE THAN TWO ARE REQUIRED. ARROWS DENOTE HOME-RUNS OF PARTICULAR CIRCUITS, MINIMUM 2#12+1#12G THHN/THWN IN 3/4" CONDUIT U.O.I. ALL BRANCH CIRCUITS FOR 120V IF GREATER THAN 100 FEET SHALL BE ONE SIZE LARGER MINIMUM, AND FOR 277V IF MORE THAN 200 FEET ONE SIZE LARGER MINIMUM (BOTH TO MEET VOLTAGE DROP REQUIREMENTS)			
PNL-1	"PNL" INDICATES PANEL DESIGNATION AND "1" INDICATES CIRCUIT NUMBER. CIRCUIT WIRE SHALL BE MINIMUM 2#12+1#12G THHN/THWN IN 3/4" CONDUIT, U.O.I. ALL COMPUTER CIRCUIT SHALL ALSO BE PROVIDED WITH A SEPARATE NEUTRAL.			
	LIGHTING AND POWER PANEL BOARD, FLUSH MOUNTED IN WALL WITH COVER.			
\$ <sub>a</sub>	<ul> <li>SINGLE POLE, LINE-VOLTAGE TOGGLE SWITCH MOUNTED AT 48" A.F.F.</li> <li>SUBSCRIPT DENOTES LIGHTING FIXTURES CONTROLLED.</li> <li>'k' INDICATES KEY OPERATED SWITCH.</li> <li>'3' INDICATES THREE-WAY SWITCH.</li> <li>'vs' INDICATES INTEGRATED WITH OCCUPANCY (IN VACANCY MODE) SENSOR (MANUAL ON/AUTOMATIC OFF).</li> <li>'oc' INDICATES INTEGRATED WITH OCCUPANCY SENSOR (AUTOMATIC ON/OFF)</li> <li>'lh' INDICATES LIGHTED HANDLE SWITCH.</li> <li>'a' INDICATES LIGHTING FIXTURES CONTROL.</li> <li>'e' INDICATES CONTROL OF EMERGENCY LIGHTING FIXTURE WITHIN THE ROOM OR SPACE INDICATED.</li> <li>REFER TO LIGHTING DWGS FOR LOCATION OF SWITCHES.</li> </ul>			
\$ <sub>La</sub>	LOW VOLTAGE DECORA STYLE SWITCH FOR OCCUPANCY SENSOR IN VACANCY MODE (MANUAL 'ON'/AUTOMATIC OFF) MOUNTED AT 48" A.F.F. SUBSCRIPT INDICATES LIGHTING FIXTURES CONTROL.			
S <sub>D</sub>	LOW VOLTAGE SWITCH. 'D' DENOTES AN OVER-RIDE FOUR POSITION PUSH BUTTON SWITCH SET TO ON/OFF, 30%, 70% AND 100%, REFER TO LIGHTING DWGS FOR LOCATION OF SWITCHES. MOUNT AT 48" A.F.F.			
s <sub>2D</sub>	LOW VOLTAGE SWITCH. '2D' DENOTE AN OVER-RIDE TWO POSITION PUSH BUTTON SWITCH ON/OFF BUTTON WITH SLIDER FOR DIMMING			
S <sub>DP</sub>	LOW VOLTAGE THREE-WAY DIMMING PAD SWITCH			
s <sub>H</sub>	"SIVOIA QS" LOW VOLTAGE PUSHBUTTON SWITCH CONTROL MOUNTED AT 48" A.F.F. SUBSCRIPT "H" INDICATES WINDOW SHADES CONTROL.			
\$ <sub>R/L</sub>	THREE POSITION KEY ACTIVATED RAISE & LOWER CONTROL SWITCH MOUNTED AT 48" A.F.F.			
s <sup>WP</sup>	MOTOR STARTER SNAP ACTION TOGGLE SWITCH WITH THERMO OVERLOAD. "WP" INDICATES WEATHER PROOF			
⊕ <sup>5</sup> s, sw	DUPLEX THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. (NEMA 5-20R) MOUNTED 18" A.F.F. U.O.I. SUBSCRIPT "F" INDICATES FURNITURE MOUNTED. SUBSCRIPT "K" INDICATES SAFETY TYPE, "S" INDICATES SURGE SUPPRESSOR, "R" RACK MOUNTED, "SW" INDICATES SWITCHED (CONTROLLED), NUMERAL INDICATES CIRCUIT NUMBER.			
● <sup>5</sup> <sub>WP</sub>	WITH "GFI" GROUND FAULT INTERRUPTER. MOUNTED 18" A.F.F. U.O.I. SUBSCRIPT "F" INDICATES FURNITURE MOUNTED, "WP" INDICATES WEATHERPROOF, NUMERAL INDICATES CIRCUIT NUMBER.			
Ф <sup>5</sup> 30, L	SINGLE THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. (NEMA 5-20R) MOUNTED 18" A.F.F. U.O.I. SUBSCRIPTS "30" INDICATES 30A (NEMA 5-30R) OUTLET, "L" INDICATES TWISTLOCK OUTLET. NUMERAL INDICATES CIRCUIT NUMBER.			
⊕ <sup>5</sup> s, sw	QUAD. THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. (NEMA 5-20R) MOUNTED 18" A.F.F. U.O.I. SUBSCRIPTS "F" INDICATES FURNITURE MOUNTED, "S" INDICATES SURGE SUPPRESSOR, "R" INDICATES RACK MOUNTED, SUBSCRIPT "K" INDICATES SAFETY TYPE. "SW" INDICATES SWITCHED (CONTROLLED). NUMERAL INDICATES CIRCUIT NUMBER.			
⊕ <sup>5</sup> <sub>L, R</sub>	SINGLE THREE WIRE GROUNDED RECEPTACLE, 20A, 250V. (NEMA L6-20R) MOUNTED 18" A.F.F. U.O.I. SUBSCRIPTS "R" INDICATES FURNITURE MOUNTED, "30" INDICATES 30A (NEMA L6-30R) OUTLET, "L" INDICATES TWISTLOCK OUTLET. NUMERAL INDICATES CIRCUIT NUMBER.			
© <sup>5</sup> P	DUPLEX THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. (NEMA 5-20R) CEILING MOUNTED. "P" INDICATES MOUNTED AT CEILING WITH PULL-DOWN SAFETY REEL. NUMERAL INDICATES CIRCUIT NUMBER.			
₽ 5 ₩P	DUPLEX THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. (NEMA 5-20R) WITH "GFI" GROUND FAULT INTERRUPTER STANCHION MOUNTED 18" A.F.F. U.O.I. "WP" INDICATES WEATHERPROOF, NUMERAL INDICATES CIRCUIT NUMBER.			
	COMBINATION DISCONNECT SWITCH/MOTOR STARTER W/ PUSH BUTTON STATIONS AND H-O-A, STARTER RATING AS PER HORSEPOWER OF THE MOTOR INDICATED.			
	MOTOR STARTER WITHOUT DISCONNECT SWITCH, WITH PUSH BUTTON STATIONS & H-O-A. STARTER RATING AS PER HORSEPOWER OF THE MOTOR INDICATED.			
WP 30/U/2	<ul> <li>SWITCH RATING</li> <li>FUSE SIZE ("U" IF UNFUSED)</li> <li>POLES</li> <li>DISCONNECT SWITCH, RATING AND FUSING</li> <li>NOTED. HORSEPOWER RATING AS</li> <li>REQUIRED BY MOTOR LOAD. 'WP' INDICATES</li> <li>WEATHERPROOF NEMA 4X ENCLOSURE,</li> <li>OTHERWISE NEMA-1. SUBSCRIPT "L"</li> <li>INDICATES LOCKABLE TYPE.</li> </ul>			
VFD	VARIABLE FREQUENCY DRIVE CONTROL PANEL WITH DISCONNECT SWITCH.			
PB	PULL BOX. SIZE AS REQUIRED.			
R	RELAY CONTROL			
ТК	TORK TIME CLOCK WITH DAY LIGHT SAVINGS AND FOR 360 DAYS SCHEDULING FEATURES			
PC	PHOTOELECTRIC SENSOR - ROOF MOUNTED. LOCATION TO BE DETERMINED BASED ON FIELD CONDITION.			

#### **GENERAL NOTES:**

- 1. FOR AN EXPLANATION OF ABBREVIATIONS AND SYMBOLS USED ON THESE DRAWINGS, SEE THE ABBREVIATION LIST AND SYMBOLS LIST ON THIS SHEET.
- 2. ALL ELECTRICAL WORK SHALL BE DONE IN COMPLIANCE WITH 2020 NYS BUILDING CODE, NATIONAL ELECTRIC CODE 2017 AND ALL OTHER APPLICABLE CODE & LOCAL LAWS AS REQUIRED.
- 3. THE CONTRACTOR SHALL CHECK THE LOCATION, NUMBER AND SIZE OF ALL CHASES PROVIDED ON THE CONSTRUCTION PLANS AND ARRANGE FOR ANY CHASES REQUIRED FOR CABINET OR BOXES.
- 4. THE CONTRACTOR SHALL COORDINATE WITH THE HVAC, PLUMBING, ARCHITECTURAL AND STRUCTURAL TRADES FOR EXACT LOCATIONS OF MOTORS AND EQUIPMENT, IN ORDER TO AVOID INTERFERENCE.
- 5. THE CONTRACTOR SHALL CHECK WITH THE HVAC TRADE CONCERNING THE LOCATION OF STEEL PLATE FIRE STOPS IN CORRIDORS AND HUNG CEILINGS AND SHALL FURNISH THE HVAC TRADE WITH SIZES AND LOCATIONS OF OPENINGS NECESSARY TO ACCOMMODATE THE ELECTRICAL CONDUITS PIERCING THE FIRE STOPS.
- 6. IN UNFINISHED PORTIONS OF THE BUILDING, SUCH AS BOILER ROOM, FAN ROOMS, PIPE SPACES, ETC., LOCATIONS OF CONDUIT AND OUTLETS ARE APPROXIMATE AND SHALL CLEAR PIPING AND ALL OTHER CONSTRUCTION. CONDUIT IN THESE PORTIONS OF THE BUILDING SHALL BE RUN EXPOSED.
- 7. IN THE BOILER ROOM, SYSTEM CONDUITS, SUCH AS FOR LIGHTING AND POWER FEEDERS, LOW VOLTAGE, FIRE SIGNAL, ETC., SHALL NOT BE RUN OVER BOILERS.
- 8. NO CONDUIT SHALL BE RUN IN ANY FLOOR IN CONTACT WITH THE EARTH UNLESS OTHERWISE DIRECTED ON THE PLAN. IN SUCH AREAS, CONDUIT FOR MOTORS AND STARTERS SHALL BE RUN OVERHEAD, SUPPORTED AS REQUIRED.
- 9. PULL AND JUNCTION BOXES SHALL BE SURFACE TYPE IN UNFINISHED AREAS AND FLUSH TYPE IN FINISHED AREAS (AT NEW WALLS/PARTIONS), UNLESS OTHERWISE NOTED. THE JUNCTION AND PULL BOXES SHALL BE LOCATED TO SUIT CONDUIT ENTRANCE, BUT SHALL, IN ALL CASES, BE LOCATED TO AVOID INTERFERENCE WITH EQUIPMENT FROM OTHER TRADES AND SHALL BE LOCATED SO THAT COVERS ARE READILY ACCESSIBLE.
- 10. UNLESS OTHERWISE NOTED ON FLOOR PLANS OR IN FLOOR PLAN NOTES, SWITCHES SHALL BE INSTALLED AT 4'-0" ABOVE FINISHED FLOOR. WHERE SWITCH HEIGHTS ARE GIVEN ON THESE DRAWINGS FOR AREAS IN WHICH THERE ARE TILE WAINSCOTS, SUCH AS TOILETS, LOCKER ROOMS, ETC. THE CONTRACTOR SHALL ADJUST SWITCH HEIGHTS, IF NECESSARY TO AVOID INTERFERENCE WITH THE WAINSCOT.
- 11. CONTRACTOR SHALL PROVIDE SEPARATE RACEWAYS FOR CONDUCTORS ON NORMAL AND EMERGENCY CIRCUITS.
- 12. PROVIDE FIRE STOP SEALS TO ALL PENETRATIONS OF ALL EXISTING FLOORS, SLABS,
- 13. PROVIDE DEFLECTION FITTINGS AT ALL REQUIRED CROSSINGS OF EXPANSION POINTS.
- 14. ALL CIRCUITS CONTAINING GFI OUTLETS AND CIRCUITS RECOMMENDED BY THE MANUFACTURERS SHALL HAVE A SEPARATE DEDICATED NEUTRAL.
- 15. ALL COMPONENTS SHOWN ON RISER DIAGRAMS, BUT NOT ON THE PLAN OR VICE VERSA, SHALL BE INCLUDED AS IF SHOWN ON BOTH.
- 16. CONTRACTOR SHALL NOT INSTALL MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY UNLESS OTHERWISE SPECIFICALLY INDICATED ON THE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL REVIEW ALL TRADES CONTRACT DOCUMENTS 17. TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT.
- 18. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO

ABBREVIATIONS				
А	AMPERE	KWH	KILOWATT HOUR	
AC	ALTERNATING CURRENT	LP	LIGHTING PANEL	
AF	FUSE RATING IN AMPS	LTG	LIGHTING	
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER	
AHU	AIR HANDLING UNIT	MECH	MECHANICAL	
ARCH	ARCHITECTURAL	MER	MECHANICAL EQUIPMENT ROOM	
AS	SWITCH RATING IN AMPS			
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUG ONLY	
		MTD	MOUNTED	
С	CONDUIT	Ν	NEUTRAL	
СВ	CIRCUIT BREAKER	N.C.	NORMALLY CLOSED	
CLG	CEILING	N.O.	NORMALLY OPEN	
CKT(S)	CIRCUIT(S)	Р	POLE(S)	
COL	COLUMN	PB	PULL BOX	
		PNL	PANEL	
DWG	DRAWING	PP	POWER PANEL	
E	EXISITNG TO REMAIN	PWR	POWER	
ER	EXISITNG TO BE REMOVED	RC	REMOTE CONTROL	
ERR	EXISITNG TO BE RELOCATED	REL	RELOCATED	
		RGC	RIGID GALVANIZED CONDUIT	
EC	EMPTY CONDUIT			
		SECT	SECTION	
		SP	SPARE	
EF	EXHAUST FAN			
		SPR	SPARE	
		STD	STANDARD	
EXH	EXHAUST	SUR	SURFACE	
FL	FLOOR	SW	SWITCH	
		SWBD	SWITCHBOARD	
G	GUARD			
GND	GROUND			
GFI	GROUND FAULT INTERRUPTER			
IG	ISOLATED GROUND	TYP	TYPICAL	
IWB	INTERACTIVE WHITE BOARD	UOI	UNLESS OTHERWISE INDICATED	
JB	JUNCTION BOX	V	VOLT	
		VAV	VARIABLE AIR VOLUME	
KVA	KILOVOLT AMPERE	W	WATT	
KW	KILOWATT	WP	WEATHER PROOF	
AFCI	ARC FAULT CIRCUIT INTERRUPTE	R		

NOTE - ALL THE ABOVE ABBREVIATIONS MAY NOT BE USED

- AND WALLS/PATITIONS; AND ALL NEW FIRE RATED WALLS & PARTITIONS.

CENTERLINE OF DEVICES EXCEPT FOR EXIT SIGNS. 19. RIGID NONMETALLIC CONDUIT (RNMC) SHALL NOT BE INSTALLED WITHIN THE BUILDING FOOTPRINT. UNLESS OTHERWISE INDICATED.

- 20. NO CONDUIT IN THE BUILDING SHALL BE IN CONTACT WITH THE EARTH UNLESS OTHERWISE NOTED.
- 21. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING EACH CKT IN ALL MANHOLES, HAND HOLES, WIRE WAYS & ALL OTHER ENCLOSURES & AT ALL TERMINATION.
- 22. ALL SERVICE ENTRANCE CONDUITS ARE TO BE PITCHED AS REQUIRED AND SEALED AT THE POINT OF ENTRY TO THE BUILDING IN ORDER TO AVOID WATER PENETRATION TO THE BUILDING THROUGH THESE CONDUITS.
- 23. FINAL LOCATION OF ALL ELECTRICAL EQUIPMENTS, DEVICES SHALL BE COORDINATED AT FIELD WITH ALL OTHER TRADES AND WITH EXISTING BUILDING ELEMENTS, PIPES, EQUIPMENTS, DEVICES ETC. IN ORDER TO HAVE CODE COMPLIANT INSTALLATION.
- 28. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES AND EXISTING BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENTS, & DEVICES ETC. FOR CODE COMPLIANT INSTALLATION.
- 29. THE ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE WITH THE MECHANICAL CONTRACTOR DURING THE MECHANICAL EQUIPMENT SUBMITTAL REVIEW PROCESS IN ORDER TO VERIFY THE REQUIREMENT OF INSTALLING NEUTRAL WIRE IN THE CONDUIT TO FEED ALL HVAC EQUIPMENT SUCH AS ROOF TOP UNIT PRIOR TO INSTALLATION OF THE WIRES IN CONDUIT.
- 30. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH OTHER TRADES AT FIELD SO THAT NO FOREIGN SYSTEM SUCH AS PIPING, DUCT, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE RUN OVER THE ELECTRICAL EQUIPMENT INSTALLATION.
- 31. THE CONTRACTOR IS REQUIRED TO PERFORM CONTINUITY AND INSULATION RESISTANCE TEST BY MEGGER FOR ALL FEEDERS AND BRANCH CIRCUITS BEING INSTALLED AND BEING MODIFIED UNDER THIS PROJECT.

#### ELECTRICAL CONSTRUCTION NOTES

- CONSTRUCTION AND MAINTENANCE PROJECTS.
- WITH THE SCHOOL.
- SWITCHES SUPPLYING PERMANENT FEEDERS, ETC.
- WORK.
- ESTIMATED PERIOD.

### ELECTRICAL DEMOLITION NOTES

- ALL STATE AND FEDERAL REGULATIONS.
- FROM PREMISES.
- BY THE OWNER.
- 5. THEY MAY ASCERTAIN THE ITEM'S CONDITION.
- INTERFERES WITH THE WORK UNDER THIS CONTRACT. THIS WORK SHALL NOT BE CONSIDERED EXTRA AND SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- DIFFICULTIES THAT ATTEND THE EXECUTION OF THIS WORK
- WORK.
- THE PREMISES SHALL BE LEFT IN CLEAN CONDITION.
- INCLUDING EXPOSED CONDUITS AND JUNCTION BOXES WHICH IMPEDE THE NEW WORK.
- 13. SUBSTANTIAL JOB COMPLETION INCORPORATES DEMOLITION OF EXISTING SYSTEMS IN CONTRACT.
- 14. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.

1. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED POWER SUPPLY TO THE SCHOOL BUILDING DURING THE CONSTRUCTION. POWER IS TO BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE INSTRUCTED, ALONG WITH THE ADEQUATE POWER SUPPLY FOR THE CONCURRENT

2. THE MAINTENANCE OF POWER SUPPLY INCLUDES BOTH THE OVERALL POWER SERVICE TO THE BUILDING AS WELL AS LOCAL POWER SUPPLY TO THE SCHOOL AREAS TEMPORARILY AFFECTED BY THE WORK OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE ALL HIS WORK

3. PROVIDING UNINTERRUPTED POWER SERVICE TO THE ENTIRE BUILDING AND POWER SUPPLY TO SCHOOL AREAS TEMPORARILY AFFECTED BY THE WORK OF THIS CONTRACT SHALL BE ACCOMPLISHED BY VARIOUS MEANS SUCH AS TEMPORARY BYPASS FEEDERS, TEMPORARY

4. THE CONTRACTOR SHALL ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVERTIME, IF REQUIRED, TO ASSURE THAT SERVICES WILL BE SHUTDOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY DISCONNECTIONS/RECONNECTIONS TO EXISTING

5. THE CONTRACTOR SHALL GIVE THIRTY DAYS WRITTEN NOTICE IN ADVANCE TO THE SCHOOL OF ANY REQUIRED SHUTDOWN, INCLUDING THE

6. THE CONTRACTOR IS REQUIRED TO COORINATE WITH THE SCHOOL FACILITY TO ARRANAGE FOR A METERED POWER FOR CONSTRUCTION PURPOSE BASED ON A RATE DEFINED BY THE FACILITY. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY CONSTRUCTION POWER.

1. THE DEMOLITION WORK SHALL BE CARRIED ON IN EVERY RESPECT IN A THOROUGH AND WORKMANLIKE MANNER.

2. ALL DEMOLITION, REMOVAL, AND DISPOSAL WORK SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE BUILDING CODE AND WITH

3. REMOVE ALL DEBRIS NOT EXPLICITLY DESIGNATED TO BE SALVAGED (TO REMAIN) FROM THE PREMISES AND LEGALLY DISPOSE OFF AWAY

4. ITEMS INDICATED TO BE SALVAGED SHALL BE REMOVED EITHER BEFORE DEMOLITION OR DURING THE PROCESS OF THE WORK, STORED AND PROTECTED ON THE SITE IN A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE. THESE ITEMS WILL BE IDENTIFIED AND RETAINED

CAREFULLY REMOVE AND PROTECT ALL ITEMS TO BE SAVED AND REUSED AS INDICATED ON DRAWINGS. REPLACE ANY ITEMS THAT ARE DAMAGED BY REMOVAL AT YOUR OWN COST. NOTIFY THE OWNER IN WRITING OF ANY ITEM THAT IS DAMAGED PRIOR TO REMOVAL SO THAT

PROTECT MATERIALS, SURFACES AND STRUCTURE, WHICH ARE TO REMAIN, FROM DAMAGE; IF DAMAGE OCCURS, REPAIR OR REPLACEMENT SHALL BE MADE BY THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER, AND AT THE EXPENSE OF THE CONTRACTOR. DISCONNECT, REMOVE AND RELOCATE ANY ELECTRICAL EQUIPMENT NOT SHOWN ON THESE DRAWINGS AS PART OF THIS CONTRACT, BUT

8. VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH THE

9. RELOCATE AND/OR ALTER THE EXISTING BUILDING COMPONENTS AS DIRECTED BY OWNER'S REPRESENTATIVE. ALL RELOCATION OR ALTERATIONS TO BUILDING SHALL BE RESTORED TO THEIR ORIGINAL WORKING CONDITIONS AFTER SUCH RELOCATION OR ALTERATION

10. AT THE COMPLETION OF DEMOLITION WORK, ALL RUBBISH, DEBRIS AND WASTE MATERIALS SHALL BE REMOVED BY THE CONTRACTOR AND

11. THE CONTRACTOR SHALL DISCONNECT THE CIRCUIT WIRING NOT IN USE AND SHALL REMOVE ALL NECESSARY WIRING MATERIALS,

12. MAINTAIN CONTINUITY FOR ALL EQUIPMENT TO REMAIN. PROVIDE ALL REQUIRED ACCESSORIES, WIRING AND CONDUIT AS REQUIRED.

15. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH GC AND ALL OTHER TRADES TO REVIEW THE EXISTING ELECTRICAL COMPONENTS, CONDUITS, DEVICES, PULL BOX, JUNCTION BOX ETC. THAT ARE ASSOCIATED WITH THE WALL THAT ARE BEING DEMOLISHED OR RESURFACED. REROUTE THE CONDUITS AND RELOCATE THOSE ELECTRICAL COMPONENTS AS REQUIRED AND FOR THE COMPLETION OF GC WORK. EXTEND CONDUIT WIRING AS REQUIRED TO REROUTING. MAINTAIN CIRCUIT CONTINUITY OF THE DEVICES THAT ARE BEING AFFECTED.

![](_page_26_Figure_83.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_27_Picture_1.jpeg)

# **1** ELECTRICAL BOILER ROOM PLAN - REMOVAL SCALE: 1/2" = 1'- 0"

![](_page_27_Figure_4.jpeg)

![](_page_27_Figure_5.jpeg)

![](_page_27_Figure_6.jpeg)

![](_page_28_Figure_0.jpeg)

![](_page_28_Picture_1.jpeg)

1.1			
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	L

# 1 ELECTRICAL BOILER ROOM PLAN - NEW WORK SCALE: 1/4" = 1'- 0"

![](_page_28_Figure_5.jpeg)

![](_page_28_Figure_6.jpeg)

![](_page_28_Figure_7.jpeg)

)16

0 1/2	F THIS BAR DOES NOT SURE 1" THEN DRAWING IS NOT TO FULL SCALE	
	MEAS	

BRUSH ON COATING OF FLASHING GRADE, FIBRATED ASPHALT ROOFING CEMENT TO A MINIMUM THICKNESS OF 120 MILS.7

![](_page_29_Picture_1.jpeg)

![](_page_29_Picture_2.jpeg)

![](_page_29_Picture_3.jpeg)

![](_page_29_Picture_4.jpeg)

![](_page_29_Figure_5.jpeg)

- 2. ALL OPENINGS IN THE BUILDING WALLS FOR THE ENTRANCE OF CONDUITS SHALL BE MADE BY THE USE OF SLEEVES, WHICH SHALL BE GROUTED IN PLACE, WATERPROOFED UTILIZING " LINK-SEAL" TYPE GASKETING AND VERMIN-PROOFED BY AN APPROVED SEALING COMPOUND EXTENDING 3" INSIDE MOUTH OF CONDUIT. SPARE CONDUITS BEING INSTALLED NOW FOR FUTURE INCOMING SERVICE SHALL BE PLUGGED AND WATERTIGHT.
- 3. CONTRACTOR IS REQUIRED TO USE POLYWATER AFT AEROSOL FOAM SEALANT OR EQUIVALENT TO SEAL BOTH OPEN ENDS OF ELECTRICAL SERVICE CONDUITS (SEALING BETWEEN CONDUITS AND CABLES) ENTERING TO THE CELLAR ELECTRICAL ROOM FROM THE TRANSFORMER VAULT.

 $\mathbf{3}$ 

![](_page_29_Picture_8.jpeg)

![](_page_29_Figure_9.jpeg)

# CONDUIT PENETRATION THRU FIRE RATED WALL SCALE: NONE

# CONDUIT PENETRATION WATERPROOF SLAB

# CONDUIT PENETRATION THRU FOUNDATION WALL SCALE: NONE

![](_page_29_Figure_16.jpeg)