GN-006CS	ABBREVIATIONS	GN-010	STEEL DECK NOTES	GN-008CS	STRUCTURAL MASONRY NOTES	GN-009CS
GENERAL THE FOLLOWING REFERENCE STANDARDS SHALL GOVERN THE WORK OF THIS SECTION: 111 ATA MB 33, SPECIFICATION FOR STEEL BACABON AND ALLOY, CLD FINISHED 122 CSA SIE-4, NORTH ANDRICAS PECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS 133 CSA WIT 3-0 (SCREEN CATION OF COMPANIES FOR FUSION WELDING OF STEEL 134 CSA WIT 3-0 (SCREEN CATION OF COMPANIES FOR FUSION WELDING OF STEEL 135 CSA WIT 3-14 (SCREEN CATION OF COMPANIES FOR FUSION WELDING OF STEEL 136 CSA WIT 3-14 (SCREEN CATION OF WELDING NGRAMIZATIONS 137 ANALL LOADED INSINGER THAT MEET TAT ALL SOUTH SHALL HAVE THERE CENTROLOAL AXES INTERSECT AT A DOMINON 138 PROVINCE ON OTTERNIES COMPARITION OF THE FULL COMPETITION OF SOUTH THE REPORT WHERE NO THE OTHER WISE ON THE DRAWINGS. 139 ROWNO DTATA, ALL COMPETITION OF SOUTH TO TREE CONCED OF HER WISE ON THE DRAWINGS. COMPACTION ON THE ALL COMPETITION OF SOUTH TO TREE CATION OF COMPACITON TO THE ALL SOUTH ON THE ALL COMPETITION OF THE FULL MONITHY OT THE FULL SOUTH ON THE ALL COMPETITION OF THE FULL MONITHY OF THE FULL SOUTH ON THE ALL SOUTH ON THE ALL SOUTH ON THE ALL COMPETITION OF THE FULL MONITHY OF THE FULL SOUTH ON THE ALL SOUTH ALL SOUT	AB AMCHOR BOLT FC COMPRESSUE STRENGTH FT_C.V.M.R L AESS APPOTTONE FF FARACE FF FARACE AFB ASPHALTIMENE GUV GUV GUV FR FR AFB ASPHALTIMENE FF FR FR FR FR AFB ASPHALTIMENE FF HORBEAN FR FR FR AT ATERNATIVE HE HORBEAN FR FR FR ARCH ATERNATIVE HE HORDEAND FR FR FR BE BOTT BOTTOM HE HORDEAND FR FR FR BE BOTT BOTTOM INCOMENTER HE HORDEAND HE HORDEAND SEC SEC	UNFACTORED LOADS PRECAST PLATE PARALLEL STRAND LUMBER POLYVINYL CHLORIDE REINFORCEMENT RIGHT END ROOF TOP UNIT STANDARD BEAM SECTION SPRAY FIRE PROOFED STEP DOWN FOOTING SIMILAR STEEL JOIST SLAB SLAB ON GRADE SPANDREL, SPRUCE SPRUCE PINE FIR STEEL ROOF DECK STRAIGHT STIRUP STRUCTURAL THICKNESS TOP TOP ELEVATION OF CAP TENSION DEVELOPMENT LENGTH TOP EACH WAY TONGUE AND GROOVE TIE JOIST TOP LEVATION OF CAP TENSION DEVELOPMENT LENGTH TOP ACH WAY TONGUE AND GROOVE TIE JOIST TOP LET END TOP OF CONCRETE TOP OF STEEL TOP RIGHT END TENSION LAP SPLICE CLASS 'B' TOP UPPER LAYER TYPICAL TOP & BOTTOM CHORD BRIDGING UPPER BEAM UNDERSIDE OF DECK UPPER LAYER TYPICAL TOP & BOTTOM CHORD BRIDGING UPPER BEAM UNDERSIDE OF DECK UPPER LAYER TYPICAL TOP & BOTTOM CHORD BRIDGING UPPER LAYER TYPICAL TOP & CONCRETE TOP UPPER LAYER TYPICAL TOP & BOTTOM CHORD BRIDGING UPPER BEAM UNDERSIDE OF DECK UPPER LAYER UNLESS NOTED UNLESS NOTED UNLESS NOTED UNLESS NOTED UNLESS NOTED UNLESS NOTED UNDERSIDE OF DECK UPPER LAYER UPTURNED	1 GENERAL 11 THE FOLLOWING REFERENCE STANDARDS SHALL GOVERN THE WORK OF 11.1 CSSBI 10M-13, STANDARD FOR STEEL STRUCTURAL MEI 11.2 12.2 CSSBI 10M-13, STANDARD FOR STEEL ASTRUCTURAL MEI 11.2 CSSBI 214-15, STANDARD FOR STEEL BAR, CARBON AND AL 11.4 13.4 CSSBI 214-15, STANDARD FOR STEEL BAR, CARBON AND AL 11.6 CSSA WA1-09 (R2014), CERTIFICATION OF COMPANIES FOR FUSI 11.7 14.6 CSSA WA1-109 (R2014), CERTIFICATION OF COMPANIES FOR FUSI 11.7 CSSA W173.2-14, CERTIFICATION OF WEIDING INSPECTION ORGA 11.9 15.1 CSSA W173.2-14, CERTIFICATION OF VIEDING INSPECTION ORGA 11.9 CSSA W173.2-14, CERTIFICATION OF WEIDING INSPECTION ORGA 11.9 12.2 DESIGN OF THE DECK SHOP DRAWING PERMITS, DESIGN AND FABE SUPPORTS (3 SPANS). 13.2 13.3 DO NOT SUSPEND CEILINGS, LIGHTS, DUCTS, PIPES OR ANY OTH 14 SUBMITALS 14.1 SUBMITALS 1.1 15.3 DECK SHOP DRAWING SUBMITED SHALL BEAR THE S ENGINEER RESPONSIBLE FOR DECK PROFILE. THICKNES UNITS, SIZE AND SPACING OF FASTENING TO MEET UF 2 14 SUBMITALS 1.1 15.1 EACH SHOP DRAWING SUBMITED SHALL BEAR THE S ENGINEER RESPONSIBLE FOR DECK PROFILE. THICKNES 2 14.3 SUBMITALS 1.1 15.4 SUBMITALS 1.1	HIS SECTION: BERS OY, COLD FINISHED I OR ZINC-IRON COATED (GALVANNEALED) IN WELDING OF STEEL IIZATIONS ED IN THE PROVINCE OF ONTARIO ICATE DECK TO SPAN OVER AT LEAST 4 M FOR LOADING INDICATED ON DRAWINGS NOT EXCEED 1/360 OF SPAN UNDER LIVE ER ITEMS FROM STEEL DECK. GNATURE AND SEAL OF THE PROFESSIONAL S, STEEL GRADE, ZINC COATING, LAYOUT OF LIFT AND DIAPHRAGM REQUIREMENTS. 5, MINIMUM THICKNESS 0.76 mm. ORCING SHALL BE OF SIMILAR MATERIAL 20 STANDARD E WITH PERFORATIONS AND GLASS FIBRE 3/7). WELD AT MAXIMUM 300 mm (12") CENTRES. I. mm (24") CENTRES MAXIMUM. SUPPORT CANTS, INSULATION AND OTHER RESISTANT SHEET METAL SCREWS. GED AREAS AND APPLY TWO COATS OF INC COATING;	I GENERAL 11 THE FOLLOWING REFERENCE STANDARDS SHALL GOVERN THE WORK OF THIS SE 1.1.1 CSA 3371-4, MASONRY CONSTRUCTIONES 1.1.2 CSA 3371-4, MASONRY CONSTRUCTION FOR BUILDINGS 1.1.4 1.1.4 CSA A371-4, MASONRY CONSTRUCTION FOR BUILDINGS 1.1.5 CSA A179-4, MORTAR AND GROUT FOR UNIT MASONRY CONSTRUCT MASONRY IN DESIGNED IN ACCORDANCE WITH CSA STANDARD 3341-104 1.4 DESINO PC UNERPORCED MASONRY IS IN ACCORDANCE WITH CSA STANDARD 3341-104 1.4 DESINO PC UNERPORCED MASONRY. 2 MATERIALS 2.1 CONCRETE MISONRY UNITS: CONFORMING TO CSA A165. 2.1.1 CONCRETE MISONRY. 2.1.1 CONCRETE MISONRY UNITS: CONFORMING TO CSA A165. 2.1.1 CONCRETE MISONRY UNITS: CONFORMING TO CSA A165. 2.1.1 CONCRETE MISONRY UNITS: CONFORMING TO CSA A179. 3.1 CONCRETE MISONRY UNITS: CONFORMING TO CSA A179. 3.2 MORTAR: CONFORMING TO CSA A179. TYPE SIMIMUM STRENOTH AT 28 DAYS 3.3 EXECUTION CSA A179. TYPE SIMIMUM STRENOTH AT 28 DAYS 3.4 EXECUTION CSA A179. TYPE SIMIMUM STRENOTH AT 28 DAYS 3.4 EXECUTION CON	ECTION: S S304.1-04 ANNEX F, EMPIRICAL DESIGN S 8.5 MPa DRAWINGS, UNLESS APPROVED BY THE HOWN ON THE ARCHITECTURAL OR SERVICES OR EQUIPMENT. REFER TO NITS GROUTED SOLID OR BRICKS LAID IN TED OTHERWISE SHALL BE TE AND HEGHT EQUAL TO LENGTH OF Imm (16") LUNG X 200 mm (2") DEEP, TYPE, 50 mm (2") NARROWER THAN IG TO CSA G30.3 UNLESS SHOWN WALL OPENING OR TO END OF PANEL, RED ON WEBS OF UNITS. Imm (30"). NE HOUR OR LONGER, BY STOPPING THE YWITH THE NEXT POUR ROUTED BLOCKS OR BRICKS LAID IN LEVELS. ECTURAL DRAWINGS.
TURAL ELEMENTS GN-011CS	GENERAL NOTES	GN-001CS	DESIGN LOAD	GN-002CS		
ON-STRUCTURAL* OR "SECONDARY STRUCTURAL* ELEMENTS ARE NOT PART OF THE STRUCTURAL DESIGN SHOWN ON THESE CANNINGS. SUCH ELEMENTS ARE DESIGNED. DETAILED AND REVEWED IN THE FIELD BY OTHERS. THEY APPEAR ON DRAWINGS CHEEK THAN THESE STRUCTURAL DEVINED BY SECIALTY STRUCTURAL ENDINEERS, WHO SHALL ALSO PROVIDE ANY CUESC ELEMENTS, THIS SHALL BE PROVIDED BY SECIALTY STRUCTURAL ENDINEERS, WHO SHALL ALSO PROVIDE ANY CUENCING, COMPONENTS SUCH AS ENDINEERS, WHO SHALL ALSO PROVIDE ANY CAMPIES OF NON-STRUCTURAL ELEMENTS INCLUDE. BUT ARE NOT LIMITED TO: ARCHITECTURAL COMPONENTS SUCH AS GUARDARLS, MADDRALS, MEDICILANEOUS STEEL STARS, FLAG POLES, CAMPONES, CLUMPON, RITO. LANDSCAPE ELEMENTS INCLUDE. BUT ARE NOT LIMITED TO: ARCHITECTURAL COMPONENTS SUCH AS BUCKARDING, FLOX ARCHITECTURAL COMPONENTS SUCH AS BUCKARDING, STUD WALLS. ARCHITECTURAL COMPONENTS SUCH AS BUCKARD STUD WALLS. ARCHITECTURAL COMPONENTS SUCH AS BUCKARD STUD WALLS. ARCHITECTURAL COMPONENTS, AND THER ATTACHMENT DETAILS. CHARGE SUCK WANT ACCORDING TO COMPONENTS, AND THER ATTACHMENTS. DESIGN STRUCTURAL DERVISE. DESIGN STRUCTURAL DERVISE. DESIGN STRUCTURAL COMPONENTS, AND THER ATTACHMENTS. DESIGN STRUCTURAL CONSTRUCTION SUCH AS AND THER ATTACHMENTS. SCHLORTS. DESIGN STRUCTURAL CONSTRUCTURAL COMPONENTS, AND THER ATTACHMENTS. DESIGN STRUCTURAL CONSTRUCTURAL COMPONENTS, AND		S SITE CONDITIONS. Y UNTIL MATERIALS NOTED OTHERWISE. /A992M-11.	DESIGN LOAD1.UNIT FLOOR AND ROOF LOADINGS, SOIL BEARING PRESSURE AND FOUNDATION LOADS GIVEN ON PLANS ARE UNFACTORED. MEMBER FORCES GIVEN ON DRAWING ARE FACTORED.2.GRAVITY LOADS: SUPERIMPOSED DEAD LOADS AND LIVE LOADS ARE GIVEN ON PLANS.3.SNOW LOAD PARAMETERS, OBC 2012 (R2019) - HAMILTON, ONTARIO - EAST OF HIGHWAY 403 Ss = 1.1 Sr = 0.4Is ULS = 1.15 (HIGH IMPORTANCE) Is SLS = 0.94.RAIN LOAD PARAMETER, OBC 2012 - HAMILTON, ONTARIO - EAST OF HIGHWAY 403 ONE DAY RAINFALL = 108 mm5.WIND LOAD PARAMETERS, OBC, 2012 - HAMILTON, ONTARIO - EAST OF HIGHWAY 403 Q(110) = 0.36 kPA q(110) = 0.36 kPA q(110) = 0.36 kPA q(110) = 0.36 kPA q(110) = 0.46 kPA M bull Ss = 0.756.SEISMIC LOAD PARAMETERS, OBC, 2012 - HAMILTON, ONTARIO - EAST OF HIGHWAY 403 Sa(0.2) = 0.2608.Q(1.5) = 0.42 kPA g(1.6) = 0.46 kPA bull SS = 0.75WIND LOAD APPLIED AS PER OBC AND NBCC COMMENTARY FIGURE 1-7.6.SEISMIC LOAD PARAMETERS, OBC, 2012 - HAMILTON, ONTARIO Sa(0.2) = 0.260Sa(1.0) = 0.0027 Sa(1.0) = 0.0028 PGA = 0.168SITE CLASSIFICATION = D Is = 1.3 (HIGH IMPORTANCE) F (0.2) = Fa = 1.19 F (1.0) = Fv = 1.50 IFFASU(0.2) = FGA = 0.240			

ENERAL NOTES	GN-001CS	DESIGN LOAD	GN-002CS
GENERAL CHECK DIMENSIONS ON STRUCTURAL DRAWINGS AGAINST ARCHITECTURAL DRAWINGS AND EREPORT INCONSISTENCIES TO CONSULTANT BEFORE PROCEEDING WITH THE WORK. READ DRAWINGS IN CONJUNCTION WITH SPECIFICATIONS. DO NOT EXCEED DURING CONSTRUCTION DESIGN LOADS SHOWN ON PLANS REDUCED AS NECC REACH DESIGN STRENGTH. DO NOT SCALE DRAWINGS. DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. ELEVATIONS ARE IN METRES L DESIGN DESIGN STANDARDS 1 CONCRETE MEMBERS ARE DESIGNED IN ACCORDANCE WITH CSA STANDARD A23.3-14. 2 STRUCTURAL STEEL IS DESIGNED IN ACCORDANCE WITH CSA STANDARD A23.3-14. 3 STRUCTURAL STEEL IS DESIGNED IN ACCORDANCE WITH CSA STANDARD S16-14. 3 MASONRY IS DESIGNED IN ACCORDANCE WITH CSA STANDARD S304-04. MATERIALS CONCRETE: SEE SCHEDULE OF CONCRETE PROPERTIES AND SPECIFICATION. STRUCTURAL STEEL: UNLESS NOTED OTHERWISE TO CSA G40.20/G40.21-13 OR ASTM STANDARF W AND WWF SHAPES: GRADE 350W PLATES: GRADE 350 W CHANNELS AND ANGLES: GRADE 350W PLATES: GRADE 350 W CHANNELS AND ANGLES: GRADE 350W PLATES: GRADE 350W PLATES: GRADE 350W PLATES: GRADE 350W CHANNELS AND ANGLES: GRADE 350W PLATES: GRADE 350W CHANNELS AND ANGLES: GRADE 350W	EXISTING SITE CONDITIONS. CESSARY UNTIL MATERIALS JNLESS NOTED OTHERWISE. RD A992/A992M-11.	DESIGN LOAD1.UNIT FLOOR AND ROOF LOADINGS, SOIL BEARING PRESSURE AND FOL LOADS GIVEN ON PLANS ARE UNFACTORED. MEMBER FORCES GIVEN.2.GRAVITY LOADS: SUPERIMPOSED DEAD LOADS AND LIVE LOADS ARE G3.SNOW LOAD PARAMETERS, OBC 2012 (R2019) - HAMILTON, ONTARIO - Ss = 1.1 Sr = 0.4 Is ULS = 1.15 (HIGH IMPORTANCE) Is SLS = 0.94.RAIN LOAD PARAMETER, OBC 2012 - HAMILTON, ONTARIO - EAST OF HI ONE DAY RAINFALL = 108 mm5.WIND LOAD PARAMETERS, OBC, 2012 - HAMILTON, ONTARIO - EAST OF q (1/10) = 0.36 kPA q (1/10) = 0.36 kPA Iw ULS = 1.15 (HIGH IMPORTANCE) 	JNDATION ON DRAWING ARE FACTORED. GIVEN ON PLANS. EAST OF HIGHWAY 403 FHIGHWAY 403 7.

SCALE: AS NOTED DRAWN:

TT DATE: NOVEMBER, 2023

PROJECT #: ALL-23010629-A0

DRAWING #:

S1.0





4. IF ACTUAL LOCATIONS OR DETAILS VARY FROM THOSE SHOWN, THE STRUCTURAL CONSULTANT MUST BE INFORMED AND

5. THE STRUCTURAL STEEL SUB-CONTRACTOR IS TO SUBMIT ERECTION DRAWINGS TO THE MECHANICAL ENGINEER AND/OR CONTRACTOR FOR APPROVAL OF SIZE AND LOCATION OF OPENINGS FOR MECHANICAL UNITS.



TYP. SUPPORT DETAIL NEW ERV SCALE: 3/4" = 1'-0"



TYP. DETAIL - NEW SLAB ON GRADE AND MECHANICAL PAD AT BOILER ROOM SCALE: 3/4" = 1'-0"

- 1. IF EXISTING MECHANICAL PADS ARE CONNECTED TO EXISTING SLAB ON GRADE: i) SAWCUT AND DEMOLISH EXISTING MECHANICAL PAD AND SLAB ON GRADE ii) INSTALL NEW SLAB ON GRADE AND MECHANICAL PAD TO SUIT MECAHNICAL PLAN
- 2. IF EXISTING MECHANICAL PADS ARE NOT CONNECTED TO EXISTING SLAB ON GRADE: i) DEMOLISH EXISTING MECHANICAL PADS AS REQUIRED ii) INSTALL NEW MECHANICAL PAD ON EXISTING SLAB ON GRADE. DOWEL TYPICAL PAD
- REINFORCEMENT MIN 100 mm (4") INTO EX. SLAB ON GRADE + HILTI HY 200 V3 EPOXY.
- 3. ALL NEW CONCRETE TO BE MINIMUM 25 MPa CLASS N TO A23.1/2 4. REBAR TO BE 400W, TO CSA G30.18
- 5. CONCRETE CLEAR COVER: 50MM (2") UNO
- 6. NEW SOG THICKNESS TO MATCH EXISTING EXCEPT MIN. 150 (6") THICK.

NEW 300 X 250 X 19 (12x10x3/4") PL.

HSS 102X102X8 (4x4x3/8") DIAG. BRACE (SEE PLAN)

MIN 2-16MM (5/8") BOLTS

-W200x46 (W8x31)

+ 38MM (1.5") DECK





- CONC. PAD FOR MECH. UNIT SEE MECH. DWGS FOR SIZE.

PROVIDE SAWCUT CONTROL JOINT (TYP.) ALL AROUND 5 (3/16") WIDE X $\frac{1}{4}$ SOG THK. DEEP + FILL WITH JOINT FILLER

DEMOLISH EXIST. SOG MIN 150 (6") (TYP.) FROM FACE OF NEW MECH PADS.

1. ISSUED FOR PERMIT 2023-11-14 2 ISSUED FOR TENDER 2023-11-21 3 ISSUED FOR TENDER 2024-01-31 PROJECT: HVAC Renovations Glendale Secondary School 145 Rainbow Dr, Hamilton, ON For the HWDSB SEAL: S.A. ZUBERY 100073296 SZ/DI **EXP** Services Inc. t: 905.525.6069 | f: 905.528.7310 1266 South Service Road, Suite C1-1, Stoney Creek, ON, L8E 5R9 Canada www.exp.com • BUILDINGS • EARTH & ENVIRONMENT • ENERGY INDUSTRIAL
INFRASTRUCTURE
SUSTAINABILIT TRUE NORTH: DRAWING TITLE: TYP. DETAILS SCALE: AS NOTED DRAWN: TT DATE: NOVEMBER, 2023 PROJECT #: ALL-23010629-A0 DRAWING #: S1.1

THESE DRAWINGS ARE NOT TO BE SCALED

ALL DRAWINGS, THE DESIGN, AND THE DETAILS THEREON REMAIN THE PROPERTY OF THE CONSULTANT AND ARE NOT TO BE ALTERED, RE-USED OR REPRODUCED WITHOUT THE CONSULTANT'S EXPRESS WRITTEN CONSENT.

THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND MUST CONFIRM & CORRELATE ALL DETAILS WITHIN THE FULL DRAWING PACKAGE BEING RESPONSIBLE FOR SAME THROUGHOUT CONSTRUCTION, REPORTING ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING THE RELEVANT WORK

ALL DRAWINGS, DETAILS & SPECIFICATIONS REPRESENTED IN THE DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY WHEN ISSUED BY THE ARCHITECT AND NOTED ACCORDINGLY IN THE "ISSUE/REVISIONS" BOX HEREON



PLAN NOTES:

- 1. GENERAL CONTRACTOR TO COORDINATE FOR APPROPRIATE PHASING AS REQUIRED TO INSTALL STRUCTURAL FRAMING IN EXISTING CEILING SPACE. SHORING BY SHORING ENGINEER AS REQUIRED.
- 2. CONTRACTOR TO SITE-VERIFY ALL SHOWN EXISTING STRUCTURE PRIOR TO CONDUCTING THE WORK. ANY DISCREPANCY BETWEEN
- EXISTING STRUCTURE AND DRAWINGS TO BE REPORTED TO CONSULTANT 3. FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW
- PORTIONS OF WORK TO THE EXISTING WORK. 4. CONTRACTOR TO INSPECT AND BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS AND THE STRUCTURE, PROTECT FROM
- DAMAGE THOSE PARTS OF THE EXISTING WORK WHICH ARE TO REMAIN. 5. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS TO CONFIRM ALL DIMENSIONS
- 6. EXISTING STRUCTURE IS BASED ON ARCHITECTURAL & STRUCTURAL DRAWINGS BY PRACK & PRACK ARCHITECTS DATED JULY 1959 AND MARCH 1962. CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH THESE DRAWINGS PRIOR TO CONDUCTING THE WORK.
- 7. DESIGN LOADS:
- 1.1 kPa (23 psf) EXIST. ROOF SUPERIMPOSED DEAD LOAD ASSUMED
- 1.47 kPa (37psf) SNOW LOAD PLUS ACCUMULATION
 MACHANICAL UNIT LIVE LOADS AS NOTED. ALL EXISTING STEEL TO BE ASSUMED TO BE A36 (Fy = 250 MPA) PER EXISTING DRAWINGS
- 8. MECHANICAL WALL OPENING REQUIREMENTS:
- 1. ALL OPENINGS TO SUIT MECHANICAL & ARCHITECTURAL DRAWINGS UNO.
- 2. ALL EXISTING OPENINGS BEING ABANDONED SHALL BE INFILLED WITH NON-STRUCTURAL WALL INFILL TO SUIT ARCHITECTURAL REQUIREMENTS. 3. ALL EXISTING OPENING WHICH ARE NOT MODIFIED DURING CONSTRUCTION AND WHICH ARE IN GOOD CONDITION
- MAY BE REUSED WITHOUT FURTHER MODIFICATION. 4. ALL NEW OPENINGS OR OPENINGS BEING ENLARGED SHALL BE PROVIDED WITH A NEW LINTEL
- 9. LINTEL REQUIREMENTS
- 9.1 PROVIDE NEW LINTELS FOR ALL NEW WALL OPENINGS BEING ENLARGED IN WIDTH. 9.2 ALL LINTELS TO BE 300W OR 350W. ALL LINTELS IN EXTERIOR WALLS TO BE GALVANIZED.
- 9.3 WALL ASSEMBLY: 7 5/8" (190) CMU + 3 5/8" (90) VEENEER UNO (SITE VERIFY). VENEER AT EXTERIOR ONLY. 9.4 LINTEL: 2-L5 x 3.5 x 5/16" LLV (L127x89x7.9) UNO. ADD LOOSE LINTEL FOR EXTERIOR VENEER, MAX 92" (2300) CLEAR OPENING WIDTH UNO.
- 9.5 LINTEL TO BE GALV. 300W OR 350W. MIN 6" (150) BEARING LENGTH EACH END 9.6 SET STEEL ANGLES WITH ENDS WRAPPED WITH 1/4" (6 mm) POLYETHYLENE SHEET ON 10 GA. GALV. STEEL PLATES ON MASONRY EA. END 9.7 ALL NEW MASONRY RELATED TO LINTELS TO BE TYPE H/15/A/M OR Sc/15/A/M WITH MORTAR: TYPE S, 8.5MPa (28d MIN), GROUT: 20 MPa, 200 mm SLUMP, MORTAR AND GROUT TO SUIT CSA A179.
- 10. REFER TO ARCH. / MECH. DRAWINGS FOR SPECIFIED LOCATION OF NEW MECHANICAL ROOF TOP UNITS, OPENINGS ETC.
- 11. PIPES, DUCTWORK, ELECTRICAL, CABLES, CEILINGS ETC. SHALL NOT HANG FROM FLOOR ROOF DECK. ALL HANGERS SHALL BE HUNG FROM TOP CHORD OF JOISTS OR BEAMS.

ALL DRAWINGS, THE DESIGN, AND THE DETAILS THEREON REMAIN THE PROPERTY OF THE CONSULTANT AND ARE NOT TO BE ALTERED, RE-USED OR REPRODUCED WITHOUT THE CONSULTANT'S EXPRESS WRITTEN CONSENT.

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1. ISSUED FOR PERMIT 2023-11-14 2 ISSUED FOR TENDER 2023-11-21

3 ISSUED FOR TENDER 2024-01-31

PROJECT: HVAC Renovations

Glendale Secondary School

145 Rainbow Dr, Hamilton, ON For the HWDSB



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SUSTAINABILI



DRAWING TITLE:

PART EXIST. **ROOF FRAMING PLAN** NOTES AND DETAIL

SCALE: AS NOTED DRAWN:

TT DATE: NOVEMBER, 2023

S2.0

PROJECT #: ALL-23010629-A0

DRAWING #:



CURBS AND CONNECTION TO STRUCTURE TO BE SPECIFIED BY MECHANICAL CONTRACTOR (TYP.) ENSURE FULL BEARING ON JOISTS OR PROVIDE SOLID SHIMS WITHIN ROOF DECK (TYP.)

WELD 2 - L2 X 2 X 3/16 BETWEEN TOP & BTM CHORDS OF EXIST. JOISTS AT CHANNEL LOCATIONS SUPPORTING CURBS UNLESS CHANNELS ARE LOCATED AT EXIST. JOIST PANEL POINTS

TYP. SUPPORT STEEL FOR NEW ROOF TOP UNITS

NEW RTU UNIT

SUPPORT

CHANNEL