NORTH HASTINGS HIGH SCHOOL **ARCHITECTURAL ADDENDUM NO. 1**
DUST COLLECTOR REPLACEMENT
HASTINGS AND PRINCE EDWARD DISTRICT SCHOOL BOARD
RFQ-VOR 2526-105 **April 28, 2026**

This Addendum forms part of the Tender Documents and amends the Tender Documents as described below.

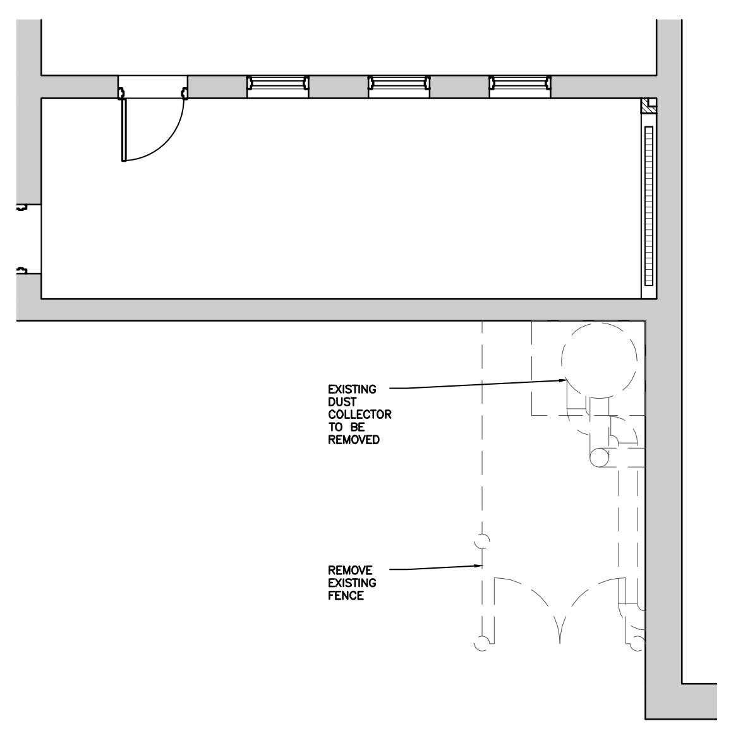
1. ARCHITECTURAL DRAWINGS

1.1 Drawing A1.0 Plans, Elevations, Sections & Details

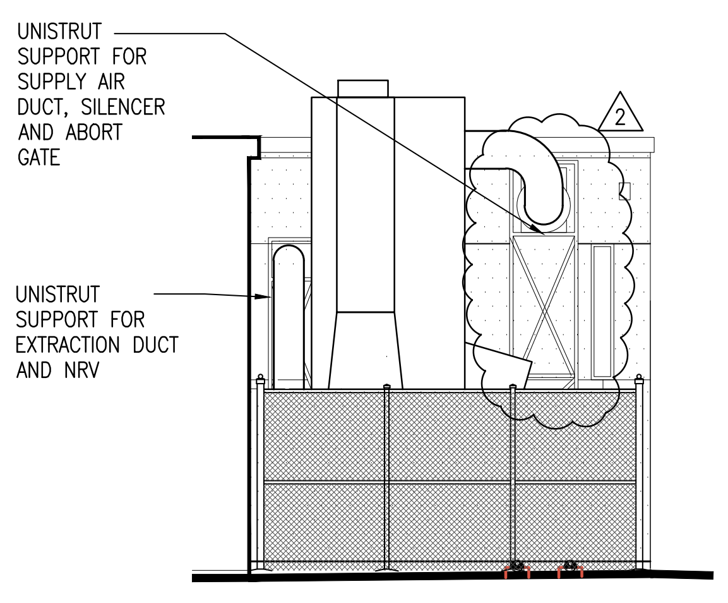
.1 Revise the following drawings: 2, 3, 4, 5, 6, 7, 8 and 11 as indicated.

Attach: A1.0 Plans, Elevations, Sections & Details.

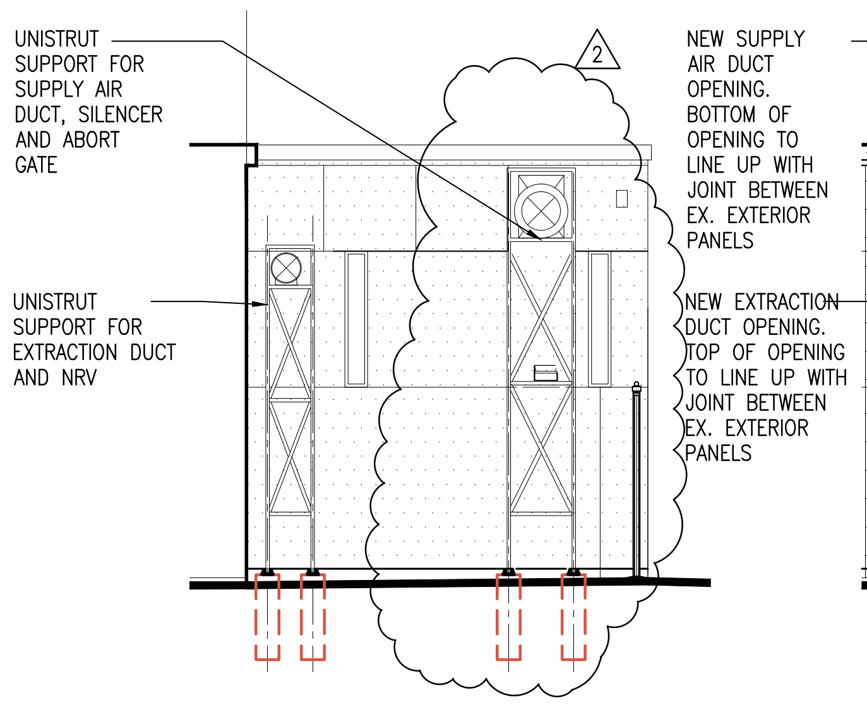
END OF ARCHITECTURAL ADDENDUM NO. 1



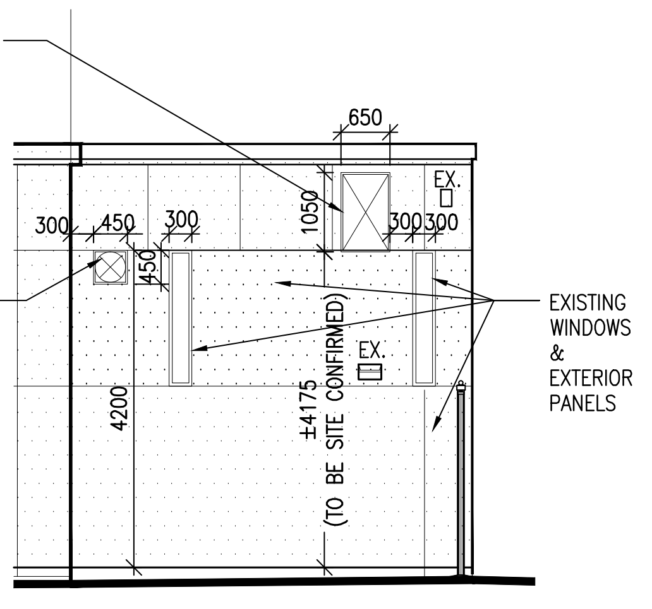
1 A1.0 DEMOLITION PARTIAL SITE PLAN
SCALE: 1:100



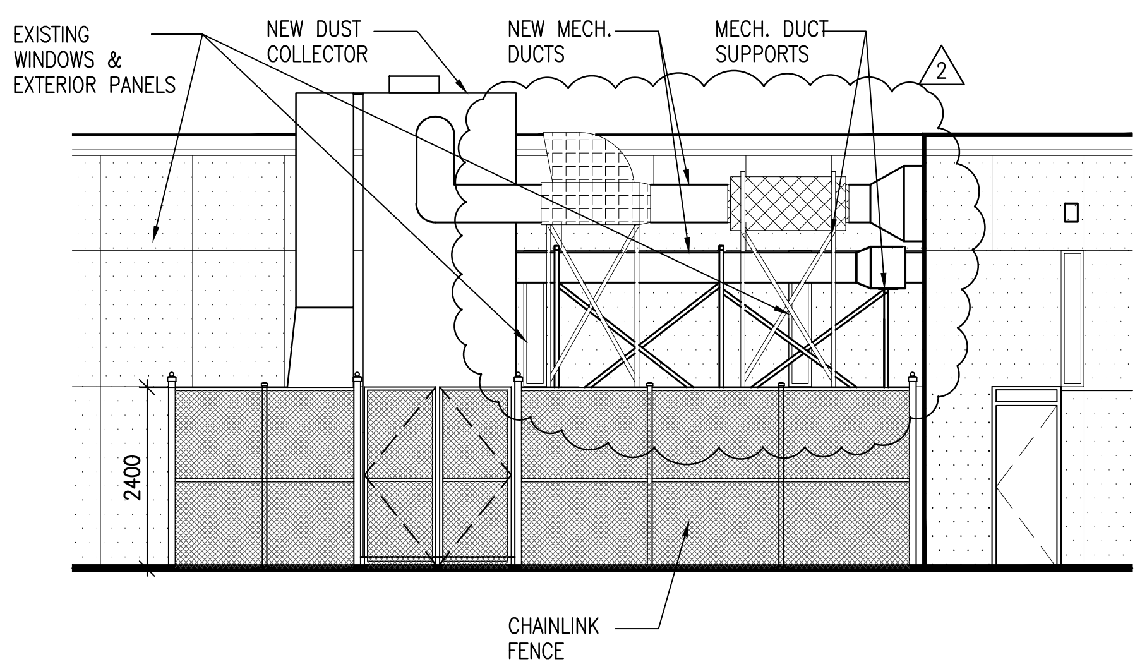
3 A1.0 NORTH ELEVATION
SCALE: 1:100



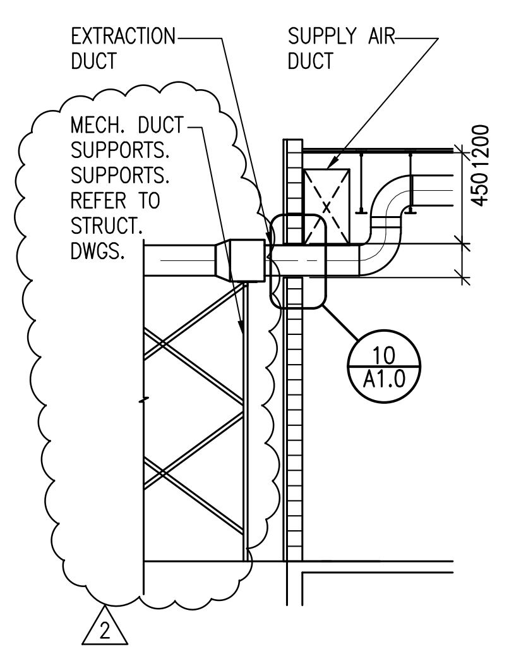
4 A1.0 NORTH ELEV./ SECTION
SCALE: 1:100



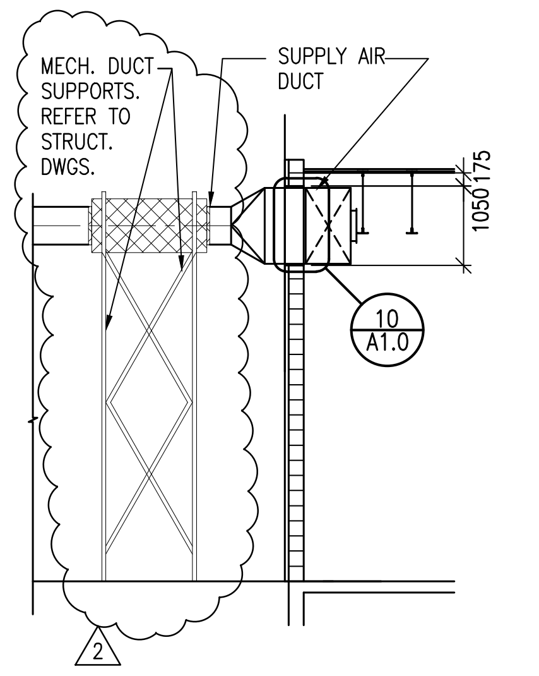
5 A1.0 NORTH ELEV./ SECTION
SCALE: 1:100



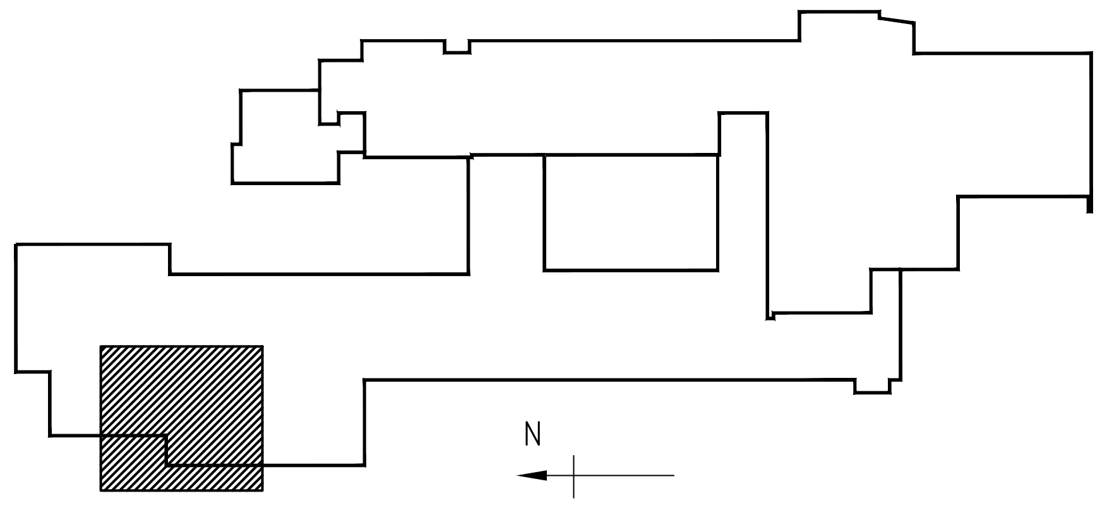
6 A1.0 WEST ELEVATION
SCALE: 1:100



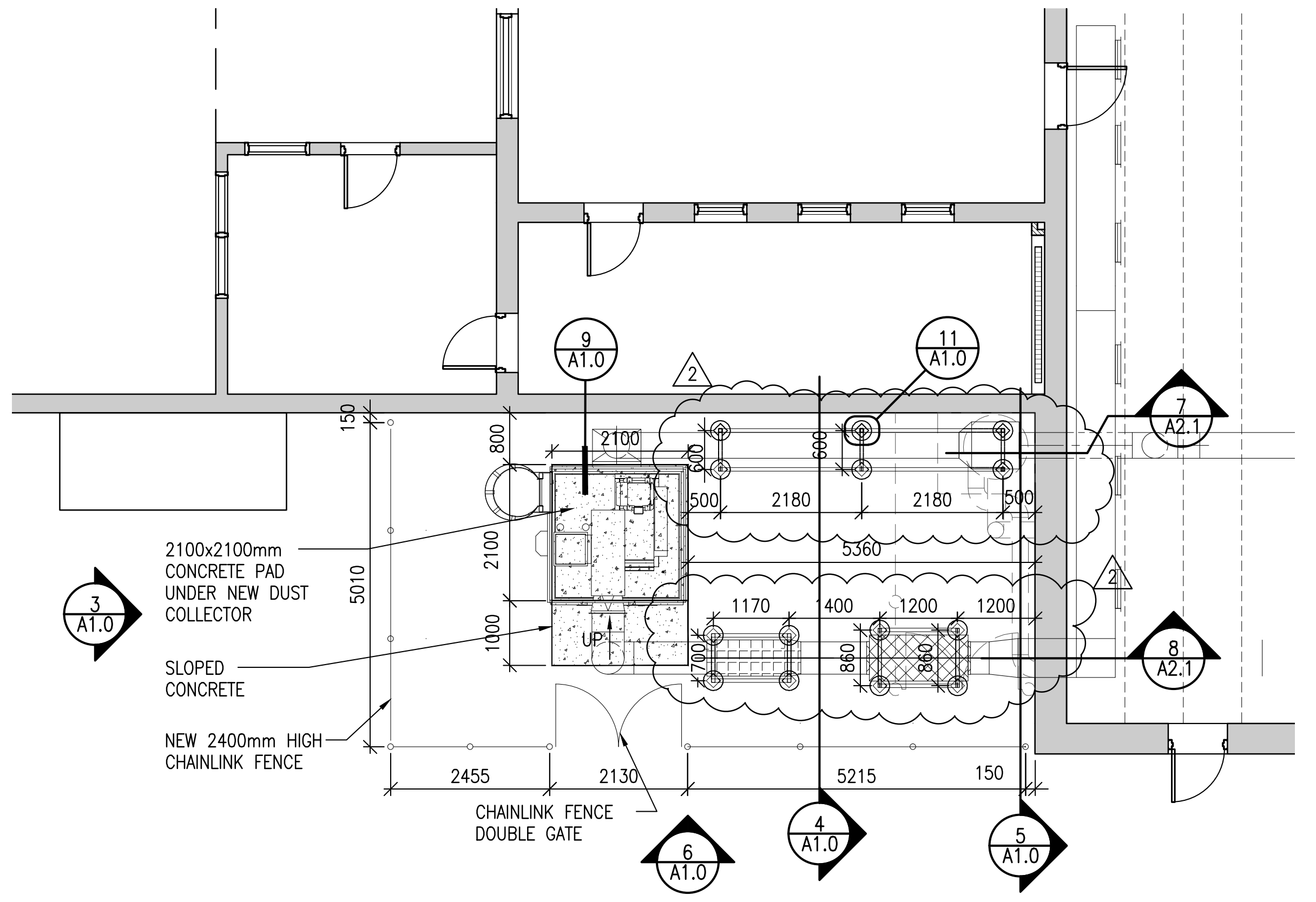
7 A1.0 GENERAL SECTION
SCALE: 1:100



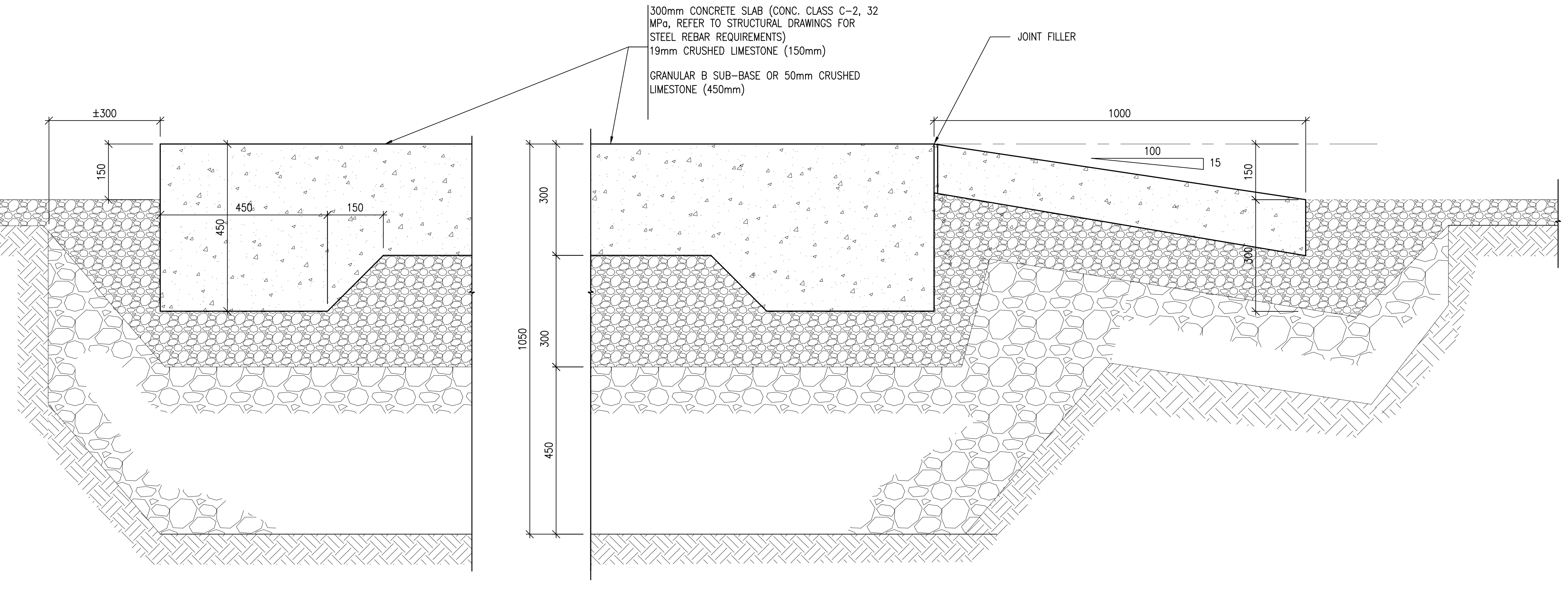
8 A1.0 GENERAL SECTION
SCALE: 1:100



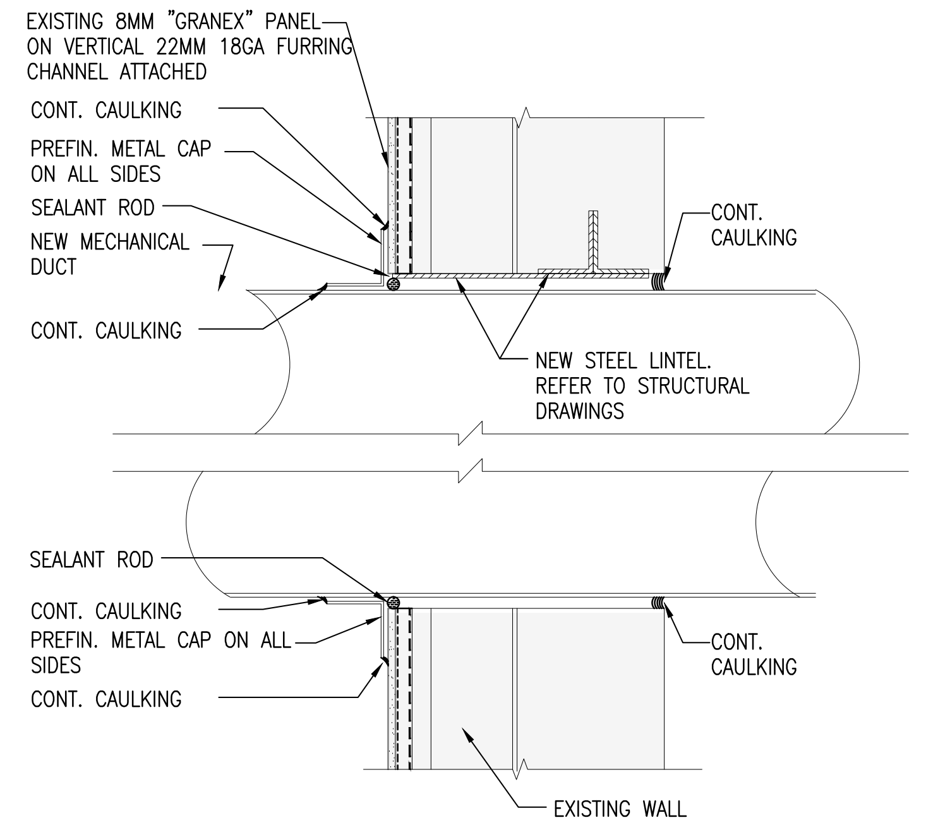
KEY PLAN



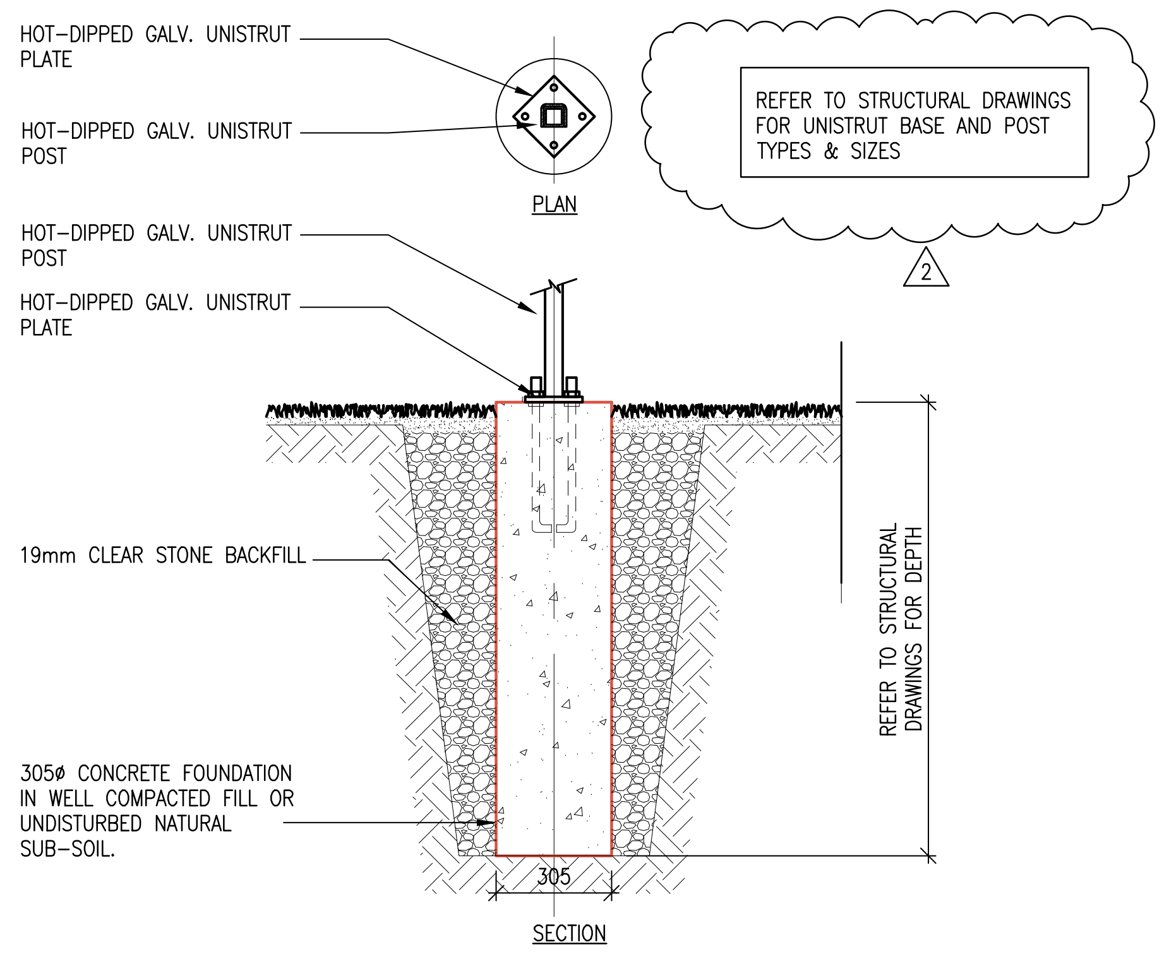
2 A1.0 PARTIAL SITE PLAN
SCALE: 1:100



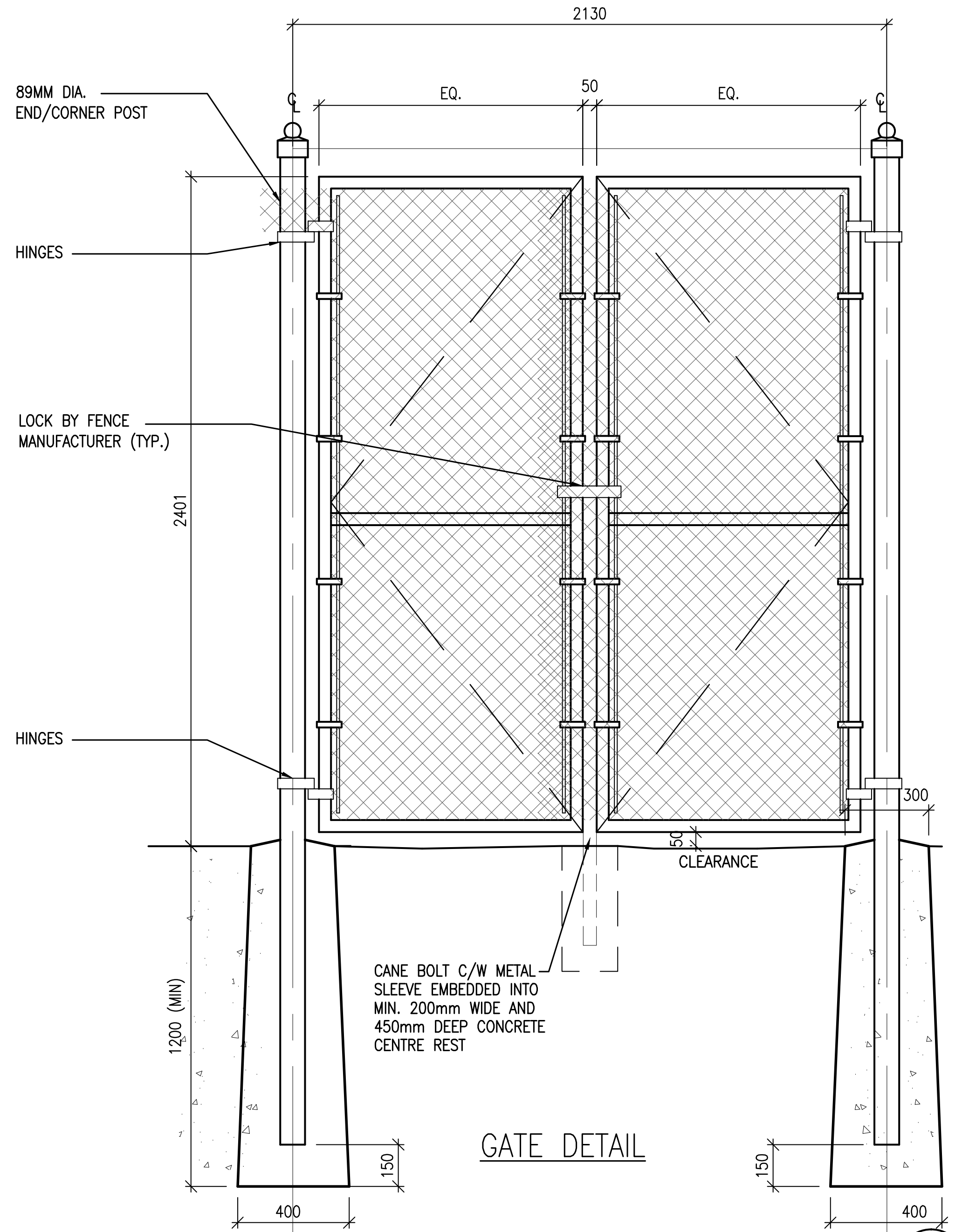
9 A1.0 CONCRETE PAD DETAIL
SCALE: 1:10



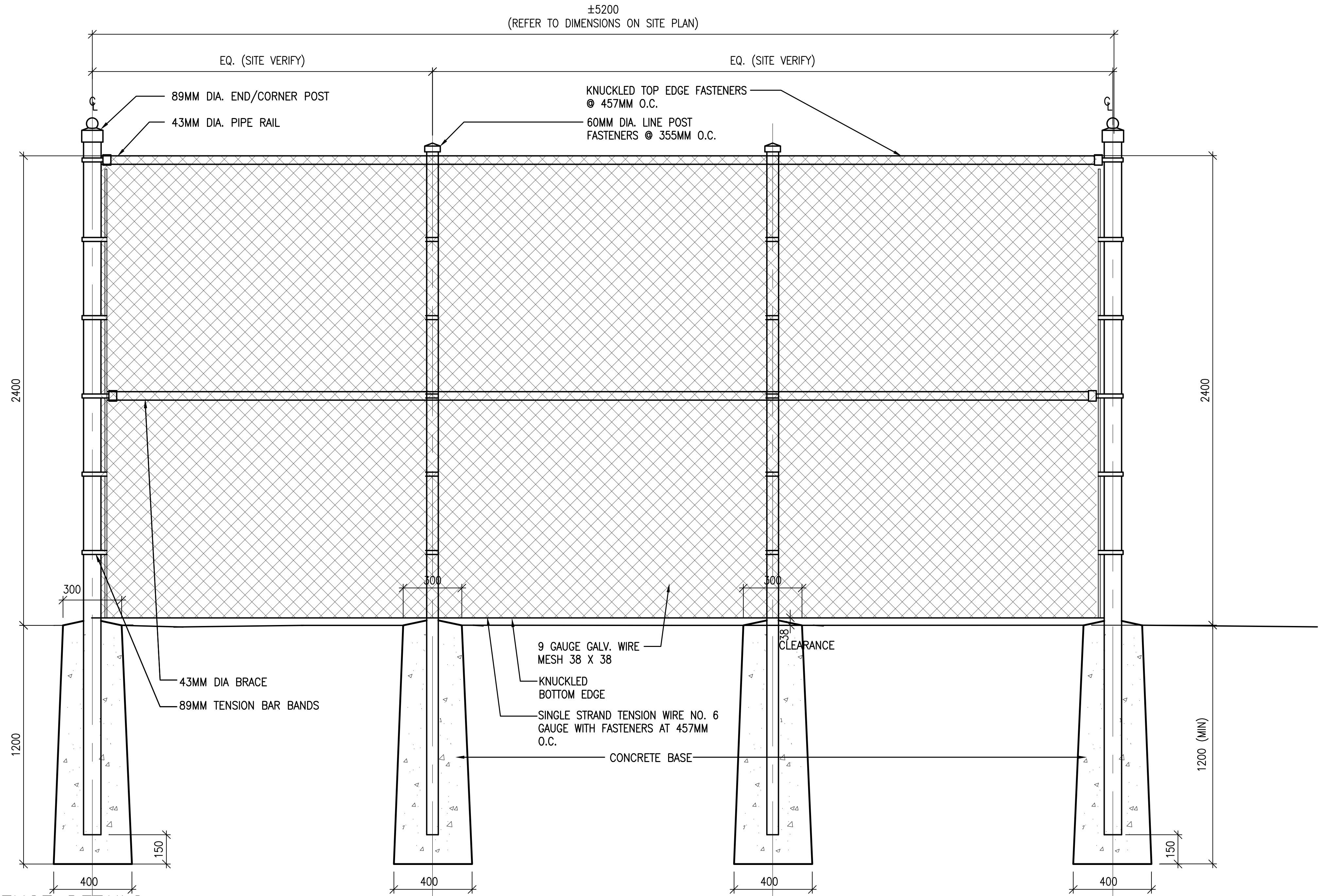
10 A1.0 DUCT PENETRATION THROUGH WALL DETAIL
SCALE: 1:10



11 A1.0 TYP. DUCT SUPPORT FOUNDATION DETAIL
SCALE: 1:20



GATE DETAIL



12 A1.0 CHAINLINK FENCE DETAILS
SCALE: 1:20

No.	DATE	REVISIONS
2.	APRIL 28, 2026	ISSUED FOR ADDENDUM
1.	APRIL 9, 2026	ISSUED FOR TENDER

North Hastings High School
Dust Collector Replacement

14 MONCK STREET BANCROFT, ONTARIO

HASTINGS AND PRINCE EDWARD
DISTRICT SCHOOL BOARD

DRAWING
PLANS, ELEVATIONS,
SECTIONS & DETAILS

ONTARIO ASSOCIATION OF ARCHITECTS
KEN MACSPORRAN
LICENCE
4751

TRUE NORTH
DWG. NORTH

JOB NO.
2610

SCALE
AS NOTED

MOFFET & DUNCAN
architects inc.

5052 DUNDAS ST. WEST
TORONTO, ONT. M9A 1B9
TEL: (416) 239-2775
FAX: (416) 239-6729
EMAIL: mdarch@mdarch.ca

DATE
APRIL 2026

PRINTED
April 27, 2026

DWG. NO.
A1.0

NORTH HASTINGS HIGH SCHOOL **STRUCTURAL ADDENDUM NO. 1**
DUST COLLECTOR REPLACEMENT
HASTINGS AND PRINCE EDWARD DISTRICT SCHOOL BOARD
RFQ-VOR 2526-105 **April 28, 2026**

This Addendum forms part of the Tender Documents and amends the Tender Documents as described below.

1. STRUCTURAL DRAWINGS

1.1 Drawing STD-01 General Notes

.1 New drawing issued.

1.2 Drawing S1.0 Pad and Duct Bracing Detail

.1 New drawing issued.

Attach: Drawings STD-01 and S1.0

END OF STRUCTURAL ADDENDUM NO. 1

GENERAL NOTES

1. THIS IS A METRIC SYSTEM PROJECT. ALL DIMENSIONS ARE IN mm AND ALL FORCES ARE IN METRIC UNITS UNLESS NOTED OTHERWISE (U.N.O.).
2. "DVM" REFERS TO DVM ENGINEERING INC.
3. ALL REFERENCED CODES AND STANDARDS TO BE LATEST EDITION.
4. READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CHECK ALL DIMENSIONS WITH THE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL, ELECTRICAL AND ALL OTHER CONSULTANT DRAWINGS. REPORT ANY DISCREPANCIES OR CONFLICT TO DVM BEFORE PROCEEDING WITH WORK.
6. SEE LATEST ISSUE OF ARCHITECTURAL, MECHANICAL, ELECTRICAL AND ALL OTHER CONSULTANT DRAWINGS FOR ELEVATIONS, HEADROOM CLEARANCES, OPENINGS, SLEEVES AND EMBEDDED ITEMS, EQUIPMENT BASES, SUMP PITS AND TRENCHES NOT INDICATED ON STRUCTURAL DRAWINGS.
7. SEE DRAWING FOR DESIGN LOADS. DO NOT EXCEED LOADS DURING OR AFTER CONSTRUCTION.
8. DO NOT CUT OR DRILL ANY OPENINGS IN STRUCTURAL MEMBERS WITHOUT WRITTEN PERMISSION FROM DVM.
9. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS MARKED "ISSUED FOR CONSTRUCTION".
10. DO NOT USE INFORMATION ON THESE DRAWINGS FOR ANY OTHER PROJECT OR WORKS.
11. DO NOT SCALE THESE DRAWINGS.
12. ALL SECTIONS, DETAILS AND STATEMENTS NOTED AS "TYPICAL" APPLY TO LIKE/SIMILAR CONDITIONS IN THE STRUCTURE.
13. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIRED FIRE RATING, SPRAYED FIREPROOFING, INTUMESCENT PAINTING AND ALL OTHER MEASURES REQUIRED TO ACHIEVE IT.
14. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WATERPROOFING, SEALERS, ETC.
15. DRAWINGS SHOW COMPLETED STRUCTURE ONLY. THEY DO NOT SHOW TEMPORARY WORKS FOR WHICH THE CONTRACTOR IS RESPONSIBLE AND WHICH MAY BE REQUIRED FOR EXECUTION OF THE PROJECT, INCLUDING TEMPORARY SHORING, BRACING, GUYS AND TIE DOWNS. THE CONTRACTOR TO ESTABLISH CONSTRUCTION PROCEDURE AND SEQUENCE TO ENSURE SAFETY OF THE WHOLE STRUCTURE AND ALL ITS COMPONENTS DURING ERECTION.
16. EXTENT OF ALL TEMPORARY SHORING FOR EXCAVATION WHICH MAY BE REQUIRED IS NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, CONTRACTOR TO DETERMINE. REFER TO SPECIFICATIONS FOR TEMPORARY SHORING REQUIREMENTS AND GEOTECH REPORT.
17. DESIGN AND CONSTRUCTION REVIEW OF ALL TEMPORARY WORKS TO BE CARRIED OUT BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR, LICENSED IN THE PLACE WHERE THE PROJECT IS LOCATED.
18. ANCHOR BOLTS AND OTHER EMBEDDED ITEMS ARE DESIGNED FOR LOADS ACTING ON THE COMPLETED STRUCTURE ONLY AND ARE NOT TO BE USED OR RELIED UPON FOR TEMPORARY SUPPORT OR BRACING DURING ERECTION UNLESS REVIEWED AND APPROVED BY THE CONTRACTOR'S ENGINEER RESPONSIBLE FOR THE ERECTION PROCEDURES.
19. UNLESS SHOWN ON STRUCTURAL DRAWINGS, DESIGN OF NON STRUCTURAL AND SECONDARY STRUCTURAL ELEMENTS AND THEIR CONNECTIONS TO THE PRIMARY BUILDING STRUCTURE ARE NOT WITHIN THE SCOPE OF SERVICES PROVIDED BY DVM. SUCH ELEMENTS INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:
    a. MISCELLANEOUS STEEL ELEMENTS: STAIRS, RAILINGS, GUARDRAILS.
    b. PARTITIONS: MASONRY, GLASS, WOOD AND STEEL STUDS, PREFABRICATED PANELS.
    c. BULKHEADS, SUSPENDED CEILINGS, INTERIOR AND EXTERIOR SIGNAGES.
    d. ARCHITECTURAL PRECAST, PRECAST STAIRS.
    e. EXTERIOR CLADDING: PRECAST PANELS, METAL WALL SYSTEMS, CURTAIN WALLS AND WINDOWS.
    f. MASONRY, STONE OR PRECAST VENEER CONNECTIONS TO BACKUP STRUCTURES.
    g. SKYLIGHTS, SNOW FENCES, GUTTERS, ROOF ANCHORS, WINDOW WASHING SYSTEMS, CHIMNEYS AND STACKS.
    h. SUPPORT FOR MECHANICAL AND ELECTRICAL EQUIPMENTS: HANGERS, BRACES, POSTS, RACKS, SLEEPERS, SEISMIC RESTRAINTS, SUPPORT PLATFORMS AND PADS, SERVICE PLATFORMS.
    i. STORAGE RACKS.
    j. LANDSCAPING ELEMENTS: WALLS, CURBS, BENCHES, PLANTERS, WATER FEATURES.
    k. LIGHT POLES, FLAG POLES, SIGNS AND THEIR FOUNDATIONS.
    l. DVM WILL NOT REVIEW DESIGN, DETAILING, AND INSTALLATION OF THESE ELEMENTS, FOR WHICH SUPPLIERS AND / OR SPECIALITY PROFESSIONAL ENGINEERS ARE RESPONSIBLE. THE ONLY REVIEW PROVIDED (WHERE APPLICABLE) WILL BE FOR IMPACT ON THE BASE BUILDING STRUCTURE.
20. UNLESS NOTED OTHERWISE, DESIGN AND DETAIL NON STRUCTURAL ELEMENTS AND THEIR CONNECTIONS TO BE ABLE TO ACCOMMODATE THE MAXIMUM MOVEMENTS OF THE SUPPORTING STRUCTURE. CLADDING SUPPLIER TO DESIGN AND PROVIDE NON STANDARD ELEMENTS AND CONNECTIONS IF REQUIRED TO ACCOMMODATE THESE MOVEMENTS.
21. IN CASE OF DISCREPANCY BETWEEN GENERAL NOTES, DRAWINGS AND SPECIFICATIONS, COMPLY WITH THE MOST STRINGENT REQUIREMENTS.

DEMOLITION NOTES

1. ALL NOTED STRUCTURES ARE TO BE REMOVED AND DISPOSED OFF SITE.
2. COORDINATE WITH TRADES, AND NOTIFY ALL COMPANIES: TELEPHONE, POWER, WATER AND GAS, TO HAVE SERVICES DISCONNECTED PRIOR TO COMMENCEMENT OF DEMOLITION, IF APPLICABLE.
3. PERFORM WORK IN ACCORDANCE WITH REQUIREMENTS THE OCCUPATIONAL HEALTH AND SAFETY ACT OF ONTARIO AND AS OTHERWISE REQUIRED BY AUTHORITIES TO SAVE PERSONS AND PROPERTY FROM HARM.
4. OBTAIN AND PAY FOR PERMITS REQUIRED.
5. PAY CHARGES MADE BY PUBLIC BODIES FOR THE DUMPING OF WASTE IN MUNICIPAL DUMP SITES.
6. ENSURE THAT ADJACENT AREAS AND SERVICES, BOTH WITHIN AND OFF OF THE SITE, ARE PROTECTED FROM DEMOLITION WORK. INSTALL PROTECTION CONSISTING OF FENCES, BARRICADES, AND SIGNS TO PROVIDE PHYSICAL PROTECTION.
7. KEEP SIDEWALKS, STREETS AND HIGHWAYS FREE OF DUST AND DEBRIS FROM DEMOLITION WORK. CLEAN UP ACCUMULATIONS AS THEY OCCUR.
8. BEFORE COMMENCING WORK, ENSURE IN EXAMINATION OF THE SITE AND WORK TO BE DEMOLISHED, THAT ALL POSSIBLE FACTORS CONCERNING DEMOLITION ARE INVESTIGATED AND THAT THE FOLLOWING ARE KNOWN IN PARTICULAR:
    A) METHODS AND MEANS AVAILABLE FOR MATERIAL HANDLING, DISPOSAL, STORAGE AND TRANSPORTATION.
    B) CONSTRUCTION OF COMPONENTS TO BE DEMOLISHED.
9. POST WARNING SIGNS ON ELECTRICAL LINES AND EQUIPMENT WHICH MUST REMAIN ENERGIZED.
10. DISCONNECT AND CAP MECHANICAL SERVICES IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES. CAP OTHER EXISTING SERVICES AND REQUIREMENTS NOT REQUIRED FOR REUSE.
11. REFER TO SITE PLAN AND SITE SERVICES PLAN FOR LOCATION OF THE PROPOSED DEMOLITION AND ALL KNOWN SERVICES.
12. ALL PRACTICABLE PRECAUTIONS SHALL BE TAKEN TO AVOID DANGER FROM COLLAPSE OF A BUILDING WHEN ANY PART OF A FRAMED MEMBER IS REMOVED.
13. NO WALL, CHIMNEY OR OTHER STRUCTURE SHALL BE LEFT UNATTENDED OR UNSUPPORTED IN SUCH A CONDITION THAT IT MAY COLLAPSE DUE TO WIND OR VIBRATION.
14. CAREFULLY EXAMINE THE DRAWINGS PRIOR TO THE START OF DEMOLITION.
15. GC TO PROVIDE REQUIRED TEMPORARY SUPPORT/SHORING BEFORE DEMOLITION OR REMOVING ANY BUILDING COMPONENT AS REQUIRED.

FOUNDATION NOTES

1. FOUNDATION IS DESIGNED BASED ON FOLLOWING SOIL BEARING PRESSURE:

    SLS = 150 kPa (ASSUMED).
2. FOOTINGS SHALL EXTEND MINIMUM 2000mm BELOW FINISH GRADE. FOUNDATION DEPTH CAN BE REDUCED IF GEOTECHNICAL REPORT ALLOWS.
3. ALL FOOTINGS SHALL BE FOUNDED ON ORIGINAL UNDISTURBED SOIL OR ENGINEERED FILL. BEFORE POURING FOOTINGS AND SLAB ON GRADE, SOIL QUALITY MUST BE APPROVED BY A GEOTECHNICAL ENGINEER.
4. THE FOUNDATION WALL ELEVATIONS SHOWN ARE NOMINAL. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR CARRYING THE FOUNDATION WALLS DOWN TO UNDISTURBED SOIL.
5. THE LINE OF SLOPE BETWEEN THE ADJACENT EXCAVATIONS FOR FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. MAXIMUM STEP APPROXIMATELY 600mm.
6. ALL THE EXCAVATION AND SUB BASE FOR FOOTING SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION OF THE FOOTING.
7. DO NOT EXCAVATE WITHOUT REFERENCE TO THE GEOTECHNICAL REPORT.
8. REFER TO GEOTECHNICAL REPORT FOR MINIMUM DENSITY REQUIREMENT FOR THIS SITE.
9. REFER TO GEOTECHNICAL REPORT AND ARCHITECTURAL / CIVIL DRAWINGS AND SPECIFICATIONS FOR ALL SOIL WORKS.
10. IF STAINING AND ROOT INTRUSION ENCOUNTERED DURING EXCAVATION WITHIN THE SUB-SURFACE MINERAL SOILS, GEOTECHNICAL CONSULTANT SHALL INSPECT THE SITE TO VERIFY THE DEPTH OF ORGANIC MATERIAL AND SHALL PROVIDE MEASURES.
11. STRUCTURAL DRAWINGS SHOW FOOTINGS AT ELEVATIONS WHERE THE REQUIRED BEARING RESISTANCE IS ANTICIPATED. GEOTECHNICAL CONSULTANT TO REVIEW AND APPROVE IN WRITING ALL BEARING SURFACES PRIOR TO CONSTRUCTING FOOTINGS.
12. IF THE ASSUMED BEARING RESISTANCE IS NOT OBTAINED AT THE UNDERSIDE OF FOOTING ELEVATION INDICATED ON DRAWINGS, EXTEND EXCAVATION UNTIL COMPETENT SOIL IS REACHED, AND PROVIDE LEAN CONCRETE FILL (OR CONCRETE SAME AS SPECIFIED FOR THE FOOTING) TO UNDERSIDE OF FOOTING. DO NOT DROP DOWELS; MAINTAIN THE SPECIFIED PROJECTION REQUIRED FOR LAPS.
13. LOCATE ALL EXISTING UNDERGROUND SERVICES PRIOR TO EXCAVATION.
14. KEEP EXCAVATION DRAINED, FREE OF WATER AND LOOSE SOIL AT ALL TIMES.
15. STRIP TOPSOIL, LOOSE SILTY SAND CONTAINING ORGANICS, AND ANY DELETERIOUS MATERIALS OVER AREAS TO BE COVERED BY NEW CONSTRUCTION, OVER AREAS WHERE GRADE CHANGES ARE REQUIRED, AND SO THAT EXCAVATED MATERIAL MAY BE STOCKPILED WITHOUT COVERING SAME.
16. REMOVE SNOW, ICE, CONSTRUCTION DERBIES, ORGANIC SOIL, LOOSE INCOMPETENT NATIVE SOIL, AND STANDING WATER FROM SPACES TO BE FILLED.
17. PROTECT FOOTINGS, PIERS, GRADE BEAMS, FOUNDATION WALLS, SLABS-ON-GRADE AND ADJACENT SOIL AGAINST FREEZING AND FROST ACTION AT ALL TIMES DURING CONSTRUCTION. DO NOT POUR CONCRETE AGAINST FROZEN EARTH.
18. DO NOT USE EARTH FORMS UNLESS APPROVED IN WRITING BY DVM AND GEOTECHNICAL CONSULTANT. FOR ELEMENTS APPROVED TO BE CAST AGAINST SOIL, INCREASE FOOTING SIZE SHOWN ON DRAWINGS AS REQUIRED TO OBTAIN MIN. 75mm CONCRETE COVER AGAINST SOIL.
19. PLACE ANCHOR RODS AND DOWELS BEFORE CONCRETE IS CAST. USE TEMPLATES TO KEEP IN POSITION.
20. DO NOT BACKFILL AGAINST WALLS RETAINING EARTH UNTIL ELEMENTS PROVIDING LATERAL SUPPORT ARE COMPLETED. PLACE BACKFILL SIMULTANEOUSLY ON BOTH SIDES OF OTHER WALLS BELOW GRADE. BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
21. FOR ELEMENTS THAT ARE TO BE BACKFILLED ON BOTH SIDES, PLACE BACKFILL SIMULTANEOUSLY ON BOTH SIDES SUCH THAT HEIGHTS DO NOT VARY BY MORE THAN 600mm FROM ONE SIDE TO THE OTHER.
22. IF A RETAINING WALL DOES NOT HAVE A WEEPING TILE, PROVIDE MIN. 50mm DIA. WEEPERS AT MAX 2000mm O/C THROUGH THE WALL. LOCATE 200mm ABOVE THE LOWER GRADE LEVEL.
23. DO NOT BACKFILL AGAINST WALLS RETAINING EARTH UNTIL ELEMENTS PROVIDING LATERAL SUPPORT, INCLUDING SLAB ON GRADE AND ALL SUSPENDED LEVELS, ARE COMPLETED AND CONCRETE HAS REACHED 75% OF ITS DESIGN STRENGTH.
24. WHERE SLAB ON GRADE IS USED TO TIE THE TOP OF A WALL RETAINING EARTH, PROVIDE TEMPORARY SHORING OF THE WALL FROM START OF BACKFILLING UNTIL THE ENTIRE SLAB ON GRADE REACHES 75% OF ITS DESIGN STRENGTH.
25. ALL IMPORTED FILL SHALL BE APPROVED BY GEOTECHNICAL CONSULTANT.

CAST-IN-PLACE CONCRETE

1. CONFORM TO CSA STANDARD A23.1, CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION, A23.2, METHODS OF TEST FOR CONCRETE AND A23.3, DESIGN OF CONCRETE STRUCTURES IN DETAILING BENDS, PLACEMENT, SPACING, SPLICING AND PROTECTION OF REINFORCING.
2. COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS U.N.O.

LOCATION	STRENGTH	MAXIMUM AGGREGATE SIZE (mm)
–SLAB ON GRADE (CLASS F2)	25 MPa	20
–FOOTINGS (CLASS F2)	25 MPa	20
–FOUNDATION WALL (CLASS F2)	25 MPa	20

–MAXIMUM SLUMP IS TO BE 100mm.

–CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR–ENTRAINMENT OF 5%.

3. CONCRETE COVER FOR REINFORCING STEEL BARS AND PLACING TOLERANCES SHALL BE IN ACCORDANCE WITH CSA STANDARD A23.1.

    MIN. CONCRETE COVER FOR REINFORCING:
    a. FOOTINGS AND OTHER ELEMENTS POURED AGAINST EARTH 75mm
    b. CONCRETE POURED IN FORMS, BUT EXPOSED TO WEATHER OR EARTH:
        BARS LARGER THAN 15M 50mm
        BARS 15M AND SMALLER 40mm
    c. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
        SLABS AND WALLS 25mm
4. ADMIXTURE MAY BE USED IN CONCRETE, BUT ADVICE AS TO TYPE, QUANTITIES AND PURPOSE MUST BE GIVEN TO THE ENGINEER PRIOR TO PLACING ANY CONCRETE. MAX. WATER/CEMENT MATERIAL RATIO = 0.55
5. A VIBRATOR IS TO BE USED FOR ALL STRUCTURAL CONCRETE AND FOR ALL CONCRETE WHICH WILL REMAIN EXPOSED. THIS INCLUDES ALL FOUNDATION AND FOUNDATION WALLS.
6. GROUT UNDER ALL BASE PLATES AND WALL PLATES SHALL BE M-BED STANDARD NON SHRINK, NON METALLIC OR APPROVED EQUAL.

REINFORCING STEEL NOTES

1. ALL REINFORCING STEEL SHALL BE DEFORMED BARS FOR CONCRETE REINFORCEMENT IN ACCORDANCE WITH CAN/CSA G30.18, DEFORMED BARS FOR CONCRETE REINFORCEMENT, GRADE 400R fy=400 MPa. STIRRUPS AND TIES TO BE DEFORMED BARS TO CAN/CSA G30.18 GRADE 300.
2. WELDED WIRE FABRIC SHALL CONFORM TO CSA STANDARD G30.5, WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCEMENT.
3. ALL REINFORCING SHALL BE ACCURATELY PLACED AND SUPPORTED BY CONTINUOUS METAL OR OTHERWISE APPROVED CHAIRS. IF REQUIRED, ADDITIONAL BARS AND STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR, AT NO COST, TO SECURE MAIN BARS AGAINST DISPLACEMENT.
4. REINFORCING IN FOOTINGS, SLAB ON GRADE AND OTHER CONCRETE MEMBERS EXPOSED TO WEATHER SHALL BE SUPPORTED IN THE DESIGNATED POSITION BY SOLID PRECAST CONCRETE CHAIRS.
5. SPLICES AT POINTS OF MAXIMUM TENSILE STRESS SHALL BE AVOIDED WHEREVER POSSIBLE. SUCH SPLICES WHERE USED, SHALL BE APPROVED BY THE ENGINEER.
6. MINIMUM CLEAR DISTANCE BETWEEN PARALLEL BARS SHALL BE GREATER THAN THE LARGEST OF THE FOLLOWING,
    a. 1.5 TIMES BAR DIAMETER
    b. 1.33 TIMES MAXIMUM SIZE OF AGGREGATE
    c. 25mm MINIMUM

COLD WEATHER CONCRETE

1. ALL CONCRETE OPERATIONS DURING COLD WEATHER SHALL BE IN ACCORDANCE WITH SECTION 21 OF CAN/CSA A23.1/A23.2. CAREFULLY PROTECT ALL CORNERS AND EDGES.
2. EXERCISE PARTICULAR CARE TO ENSURE THAT PREVIOUSLY PLACED CONCRETE AND REINFORCED STEEL ARE ADEQUATELY HEATED TO PREVENT FREEZING OF NEW CONCRETE PLACED DIRECTLY AGAINST IT.
3. EXERCISE CARE TO AVOID RAPID TEMPERATURE CHANGES (THERMAL SHOCKS) WHEN REMOVING ARE FROM TEMPERATURE HEATING CONDITIONS.
4. REMOVE AND REPLACE ALL CONCRETE DAMAGES BY FROST OR FREEZING AT THE DIRECTION OF THE CONSULTANT AT NO COST TO THE OWNER.
5. ACCELERATING CHEMICAL ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANT.

HOT WEATHER CONCRETE

1. ALL CONCRETE OPERATIONS DURING HOT WEATHER SHALL BE IN ACCORDANCE WITH SECTION 21 OF CAN/CSA A23.1/A23.2. CAREFULLY PROTECT ALL CORNERS AND EDGES.
2. EXERCISE PARTICULAR CARE TO PREVENT SURFACE CRAZING OF EXPOSED CONCRETE SURFACES DUE TO COMBINED HIGH TEMPERATURES AND DRYING WINDS.
3. THE USE OF A WATER REDUCING-RETARDING CHEMICAL ADMIXTURES IN THE CONCRETE MIX MAY BE REQUIRED AT THE CONSULTANT'S DISCRETION.

SHOP DRAWINGS

1. REFER SPECIFICATIONS FOR SHOP DRAWINGS WHICH NEED TO BE SUBMITTED FOR REVIEW.
2. IF TOWER CRANE REQUIRED, SUBMIT SIGNED AND SEALED TOWER CRANE SHOP DRAWINGS TO REVIEW IMPACT ON THE BASE BUILDING STRUCTURE.
3. ALL SHOP DRAWINGS SUBMITTED TO THE ARCHITECT AND / OR ENGINEER FOR THEIR REVIEW, MUST FIRST BE REVIEWED BY THE GENERAL CONTRACTOR (GC). SHOP DRAWINGS WILL NOT BE REVIEWED BY THE ARCHITECT AND / OR ENGINEER IF THEY ARE NOT CHECKED AND APPROVED BY THE GC.
4. REVIEW OF SHOP DRAWINGS BY DVM IS ON A SAMPLING BASIS, FOR GENERAL CONFORMITY WITH STRUCTURAL CONTRACT DOCUMENTS. IT IS NOT DETAILED CHECK AND MUST NOT BE CONSTRUCTED AS RELIEVING THE CONTRACTOR OF HIS RESPONSIBILITY TO MAKE THE WORK ACCURATE AND IN CONFORMITY WITH ALL THE CONTRACT DOCUMENTS, TO REVIEW SHOP DRAWINGS AND TO COORDINATE WORK OF INTERFACING TRADES AND MANUFACTURER OF INTERFACING PRODUCTS.
5. REVIEW OF SHOP DRAWING DOES NOT IMPLY ANY CHANGE IN ANY OTHER CONSULTANTS' OR PROFESSIONALS' RESPONSIBILITIES RELATED TO DESIGN OF SPECIFIC ITEMS AS OUTLINED BY THE SPECIFICATIONS.
6. ALLOW A MINIMUM OF 10 WORKING DAYS FOR REVIEW OF EACH SUBMISSION OF SHOP DRAWINGS IN DVM OFFICE. ALLOW MORE TIME WHEN LARGE QUANTITIES OF SHOP DRAWINGS ARE SUBMITTED. SUBMIT IN GENERAL CONFORMITY WITH THE SEQUENCE OF CONSTRUCTION INTENDED.
7. IF REQUIRED, FULL SET OF STRUCTURAL DRAWINGS ARE AVAILABLE FOR USE AS BACKGROUND IN SHOP DRAWING PREPARATION, PROVIDED THAT THE OWNER AND THE OWNER'S CONSULTANTS OR DVM ARE NOT HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS ON THE DRAWINGS. THESE DRAWINGS ARE NOT TO BE SCALED.
8. AFTER REVIEW, THE DRAWINGS WILL BE STAMPED AND RETURNED. DO NOT COMMENCE FABRICATION UNTIL RETURNED SHOP DRAWINGS HAVE BEEN EXAMINED. DRAWINGS WILL BE MARKED AS FOLLOWING:
    - REVIEWED:
      DRAWINGS CAN BE USED FOR FABRICATION. DO NOT MAKE ANY CHANGES OR ADDITION TO THESE DRAWINGS WITHOUT NOTIFYING DVM.
    - REVIEWED AS NOTED:
      DRAWINGS CAN BE USED FOR FABRICATION AFTER THE REVISIONS NOTED ARE IMPLEMENTED. DO NOT MAKE ANY FURTHER CHANGES OR ADDITIONS TO THESE DRAWINGS WITHOUT NOTIFYING DVM.
    - REVISE AND RESUBMIT:
      DRAWINGS REQUIRE SUBSTANTIAL REVISIONS AND MUST BE RE-SUBMITTED FOR ADDITIONAL REVIEW PRIOR TO FABRICATION. ALL CHANGES AND ADDITIONS TO THE PREVIOUS SUBMISSION TO BE CLEARLY IDENTIFIED ON THE RE-SUBMITTED DRAWINGS. ONLY IDENTIFIED CHANGES WILL BE REVIEWED ON RE-SUBMISSION.
    - REVIEWED FOR IMPACT ON BASE STRUCTURE ONLY:
      DRAWINGS WHICH ARE NOT WITHIN THE SCOPE OF STRUCTURAL CONSULTING SERVICES BUT AFFECT BEHAVIOR OF THE BASE STRUCTURE. DVM WILL NOT REVIEW DESIGN OF THESE WORKS AND ASSUMES THAT THE INDICATED WEIGHTS AND ALL OTHER LOADS IMPOSED ON THE BASE STRUCTURE ARE CORRECTLY IDENTIFIED BY THE DESIGNER / SUPPLIER OF THESE ELEMENTS.
    - NOT REVIEWED:
      DRAWINGS AND WORKS WHICH ARE NOT WITHIN THE SCOPE OF STRUCTURAL CONSULTING SERVICES AND DO NOT IMPACT THE BASE BUILDING STRUCTURE.
    - EXCEPT FOR TOWER CRANE AND EXCAVATION SHORING (WHICH WILL BE REVIEWED FOR IMPACT ON THE BASE STRUCTURE ONLY), DVM WILL NOT REVIEW DESIGN AND IMPLEMENTATION OF ANY TEMPORARY WORKS, NOR ASSESS IMPACT OF THESE WORKS ON THE BASE STRUCTURE. THE CONTRACTOR AND / OR THE PROFESSIONAL ENGINEER ENGAGED BY THE CONTRACTOR MUST ENSURE THAT THE BASE STRUCTURE IS NOT ADVERSELY AFFECTED BY THE TEMPORARY WORKS AND CONSTRUCTION PROCESS AND THAT TEMPORARY LOADS DO NOT EXCEED THE DESIGN LOADS INDICATED ON STRUCTURAL DRAWINGS.
9. DO NOT USE SHOP DRAWINGS AS A MEANS TO PROPOSE SUBSTITUTIONS OR ALTERNATIVES TO THE MATERIALS, PRODUCTS OR DETAILS INDICATED IN CONTRACT DOCUMENTS. SUCH SHOP DRAWINGS WILL BE MARKED "REVISE AND RESUBMIT".
    - PROVIDE FINAL RECORD DRAWINGS AFTER ALL CORRECTIONS ARE MADE.
    - WHERE NOTED IN THE SHOP DRAWING TABLE, SHOP DRAWINGS SUBMITTED SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, LICENSED AND REGISTERED WHERE THE WORK IS LOCATED.
    - DVM IS NOT RESPONSIBLE FOR ANY ASPECTS OF A SHOP DRAWING SUBMISSION THAT AFFECT OR ARE AFFECTED BY THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO.
    - REPRODUCTION OF THE CONTRACT DOCUMENTS, IN WHOLE OR IN PART, FOR THE PURPOSE OF PREPARATION OF SHOP DRAWINGS IS NOT ACCEPTABLE.

SHOP DRAWINGS	P.ENG SEAL/SIGN
1. REINFORCING STEEL	NO
2. UNISTRUT SYSTEM	YES
3. STRUCTURAL STEEL	YES

UNISTRUT NOTES:

1. PROVIDE ALL UNISTRUT METAL FRAMING MATERIAL, FITTINGS AND RELATED ACCESSORIES (STRUT SYSTEM) AS INDICATED ON THE STRUCTURAL DRAWINGS.
2. THE MANUFACTURER MUST CERTIFY IN WRITING ALL COMPONENTS SUPPLIED HAVE BEEN PRODUCED IN ACCORDANCE WITH AN ESTABLISHED QUALITY ASSURANCE PROGRAM.
3. INSTALLER MUST BE A UNISTRUT TRAINED MANUFACTURER'S AUTHORIZED REPRESENTATIVE/INSTALLER WITH NOT LESS THAN 5 YEARS EXPERIENCE IN THE INSTALLATION OF STRUT SYSTEMS OF THIS SIZE AND CONFORMATION.
4. ALL STRUT SYSTEM COMPONENTS MUST BE SUPPLIED BY A SINGLE MANUFACTURER.
5. WORK SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARDS: A. NATIONAL AND PROVINCIAL CODES. B. AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2007 EDITION. C. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
6. SUBMIT ALL SHOP/ASSEMBLY DRAWINGS NECESSARY TO COMPLETELY INSTALL THE STRUT SYSTEM IN COMPLIANCE WITH THE STRUCTURAL DRAWINGS.
7. ALL STRUT SYSTEM COMPONENTS SHALL BE AS MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.
8. ALL CHANNEL MEMBERS SHALL BE FABRICATED FROM STRUCTURAL GRADE STEEL CONFORMING TO ONE OF THE FOLLOWING ASTM SPECIFICATIONS: A 1011 SS GR 33, A 653 GR 33.
9. ALL FITTINGS SHALL BE FABRICATED FROM STEEL CONFORMING TO ONE OF THE FOLLOWING ASTM SPECIFICATIONS: A 575, A 576, A 36 OR A 635.
10. ANY SUBSTITUTIONS OF PRODUCT OR MANUFACTURER MUST BE APPROVED IN WRITING TEN DAYS PRIOR TO BID DATE, BY ENGINEER OF RECORD.
11. STRUT SYSTEM COMPONENTS SHALL BE FINISHED IN ACCORDANCE WITH ONE OF THE FOLLOWING STANDARDS:

    A. PERMA-GREEN III (GR) – RUST INHIBITING EPOXY ENAMEL PAINT APPLIED BY ELECTRODEPOSITION, AFTER CLEANING AND PHOSPHATING, AND THOROUGHLY BAKED. COLOR IS PER FEDERAL HIGHWAY GREEN, COLOR TOLERANCE CHART PER COLOR NO. 4. FINISH TO WITHSTAND MINIMUM 400 HOURS SALT SPRAY WHEN TESTED IN ACCORDANCE WITH ASTM B117.

    B. ELECTRO-GALVANIZED (EG) – ELECTROLYTICALLY ZINC COATED PER ASTM B 633 TYPE III SC 1

    C. PRE-GALVANIZED (PG) – ZINC COATED BY HOT-DIPPED PROCESS PRIOR TO ROLL FORMING. THE ZINC WEIGHT SHALL BE G90 CONFORMING TO ASTM A 653.

    D. HOTDIPPED GALVANIZED (HG) – ZINC COATED AFTER ALL MANUFACTURING OPERATIONS ARE COMPLETE. COATING SHALL CONFORM TO ASTM A 123 OR A 153.

    E. UNISTRUT DEFENDER™ (DF) – COATING CONFORMING TO ASTM A1046 OR A1059.
12. SET STRUT SYSTEM COMPONENTS INTO FINAL POSITION TRUE TO LINE, LEVEL AND PLUMB, IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
13. ANCHOR MATERIAL FIRMLY IN PLACE. TIGHTEN ALL CONNECTIONS TO THEIR RECOMMENDED TORQUES.

STRUCTURAL METAL

1. CONFORM TO CSA STANDARD CAN/CSA S16-01 LIMIT STATES DESIGN OF STEEL STRUCTURES.
2. CONFORM TO CSA STANDARD W55.3 RESISTANCE WELDING QUALIFICATIONS CODE FOR FABRICATORS OF STRUCTURAL MEMBERS USED IN BUILDINGS.
3. CONFORM TO W59, WELDED STEEL CONSTRUCTIONS (METAL ARC WELDING).
4. WELDING ELECTRODES-CSA STANDARD W48-01, FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING.
5. STRUCTURAL STEEL-CSA STANDARD CAN/CSA G40.20/G40.21, GENERAL REQUIREMENTS FOR ROLLED OR WELDED STRUCTURAL QUALITY STEEL/STRUCTURAL QUALITY STEELS. GRADE 350W FOR GENERAL PURPOSE STRUCTURAL STEELS SHAPES, 300W FOR ANGLES AND PLATES. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA STANDARD G40.20 GRADE 350W, HOT FORM WELDED OR HOLLOW STRUCTURAL SECTION, CLASS H.
6. HIGH STRENGTH BOLTS, NUTS AND WASHERS A.S.T.M. STANDARD A325, SPECIFICATION FOR STRUCTURAL BOLTS, STEEL, HEAT TREATED 120/105 ksi MINIMUM TENSILE STRENGTH OR A325M, SPECIFICATION FOR HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINTS (METRIC).
7. PRIMER:

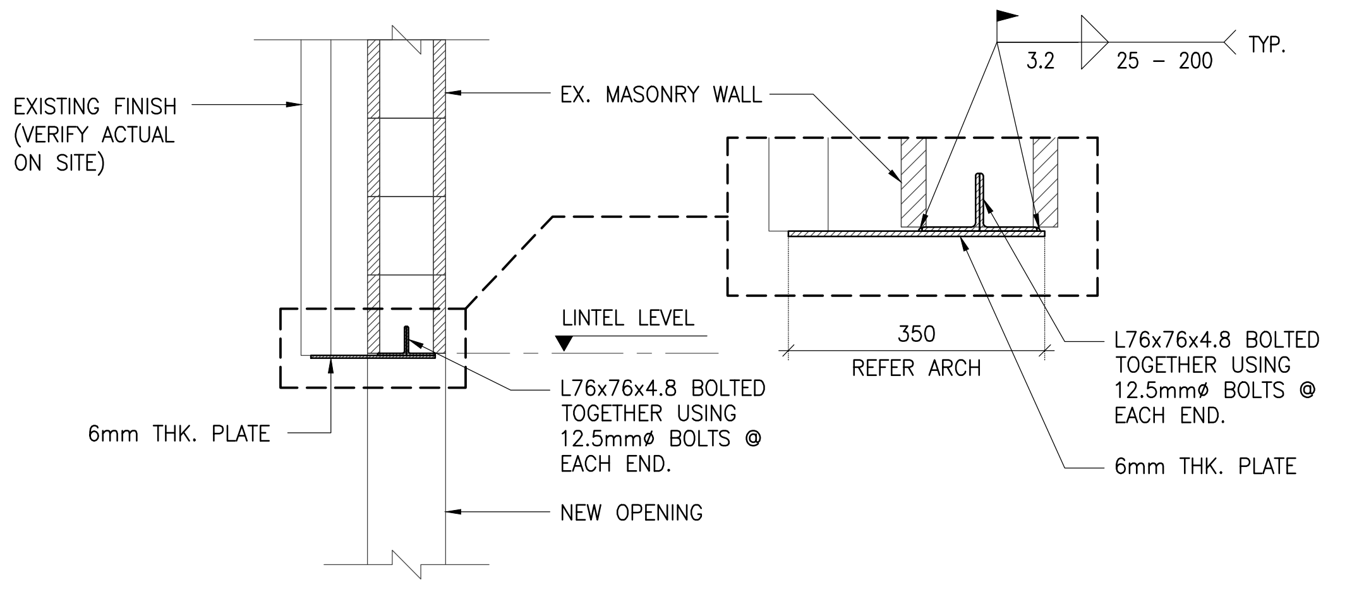
    (A) STRUCTURAL STEEL NOT EXPOSED – CAN/CG5B-1.40 OR CISC/CPMA 1-73a OVER NOMINAL CLEANING.

    (B) STRUCTURAL STEEL INTERIOR EXPOSED – TO RECEIVE A TOP COATING – COSC/CPMA 2-75 OVER BRUSH OFF BLAST CLEANING AS PER SSPC 7.

    (C) STRUCTURAL STEEL EXTERIOR EXPOSURE – CISC/CPMA 2-75 OVER COMMERCIAL BLAST CLEANING AS PER SSPC 6.

    (D) STRUCTURAL STEEL TO RECEIVE SPRAY FIRE PROOFING – NO PAINT.

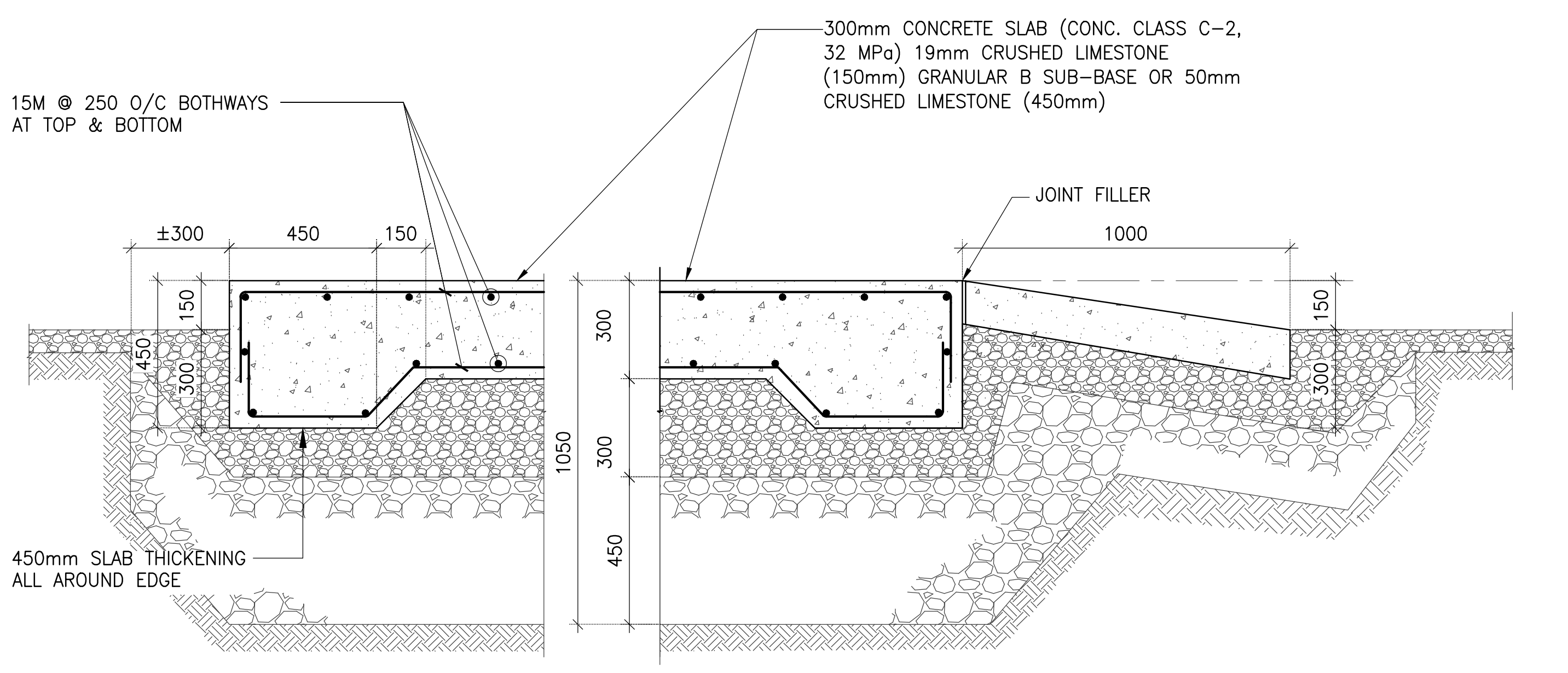
    (E) REGIONS OF STEEL TO RECEIVE FIELD WELDING INCLUDING SHEAR STUDS TO TOP FLANGE – NO PAINT.



1 LINTEL BEAM DETAIL

STD-01 SCALE 1:20

NOTE:
- GC TO PROVIDE SHORING AS REQUIRED.

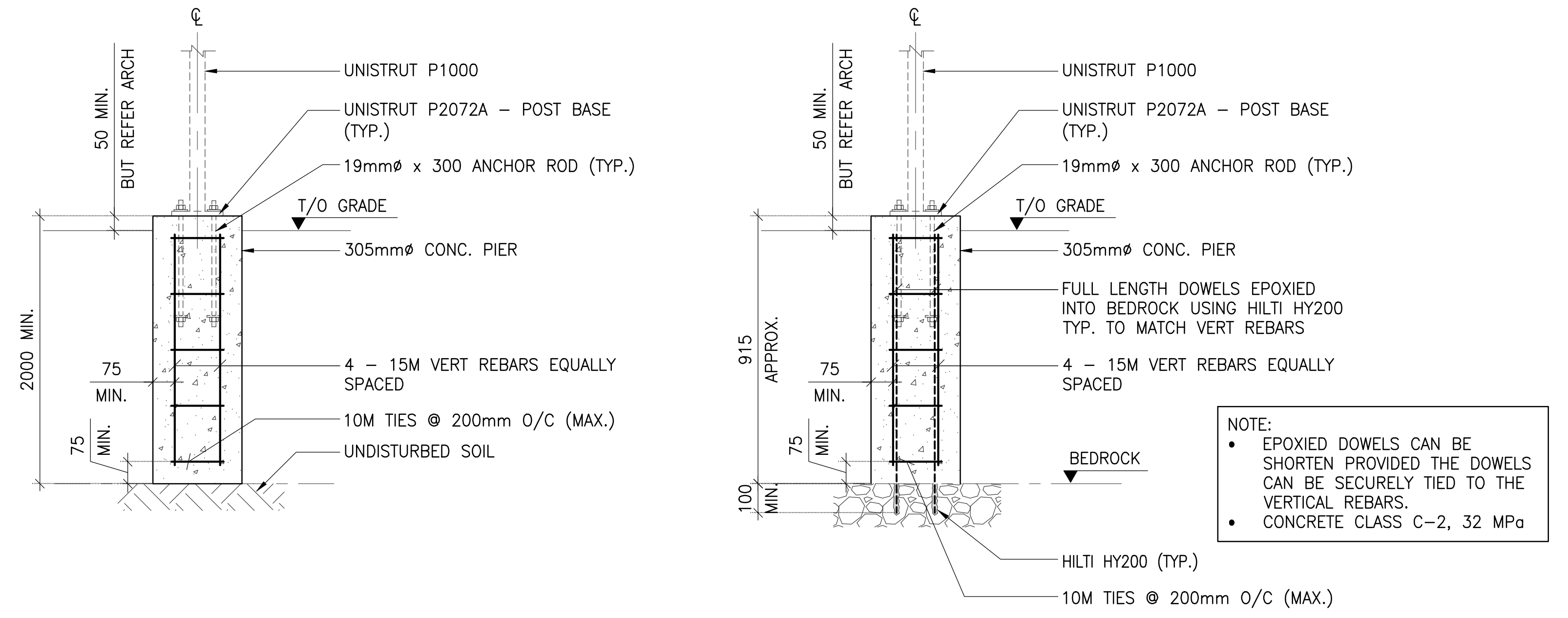


2 CONCRETE PAD DETAIL

STD-01 SCALE 1:20

NOTE:

GC TO VERIFY SUB-GRADE WITH GEOTECH CONSULTANT PRIOR TO EXECUTION.

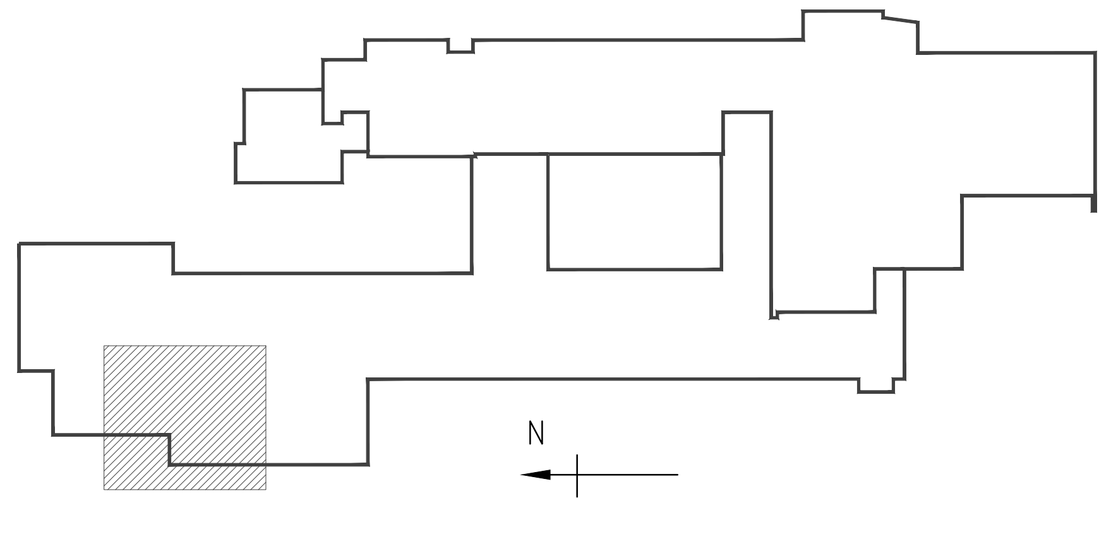


NOTE:
- EPOXIED DOWELS CAN BE SHORTEN PROVIDED THE DOWELS CAN BE SECURELY TIED TO THE VERTICAL REBARS.
- CONCRETE CLASS C-2, 32 MPa

OPTIONAL FOOTING DETAIL IF BEDROCK IS LESS THAN 2000mm

3 CONCRETE PIER SECTION

STD-01 SCALE 1:20



KEY PLAN

DATE	REVISIONS
2. APR 27, 2026	ISSUED FOR ADDENDUM
1. APR 22, 2026	ISSUED FOR COORDINATION

CONSULTANT

DVM ENGINEERING

6820 KITIMAT RD., SUITE #8
MISSISSAUGA, ON L5N 5M3
Ph: (416) 451-5114
info@dvmeng.com

M.B.MAVANI
100178008
APR. 27, 2026

North Hastings High School
Dust Collector Replacement

14 MONCK STREET BANCROFT, ONTARIO

.\HPEDSB 2020 logo_black.jpg

DRAWING

GENERAL NOTES

TRUE NORTH DWG. NORTH

JOB NO. 2610

SCALE AS SHOWN

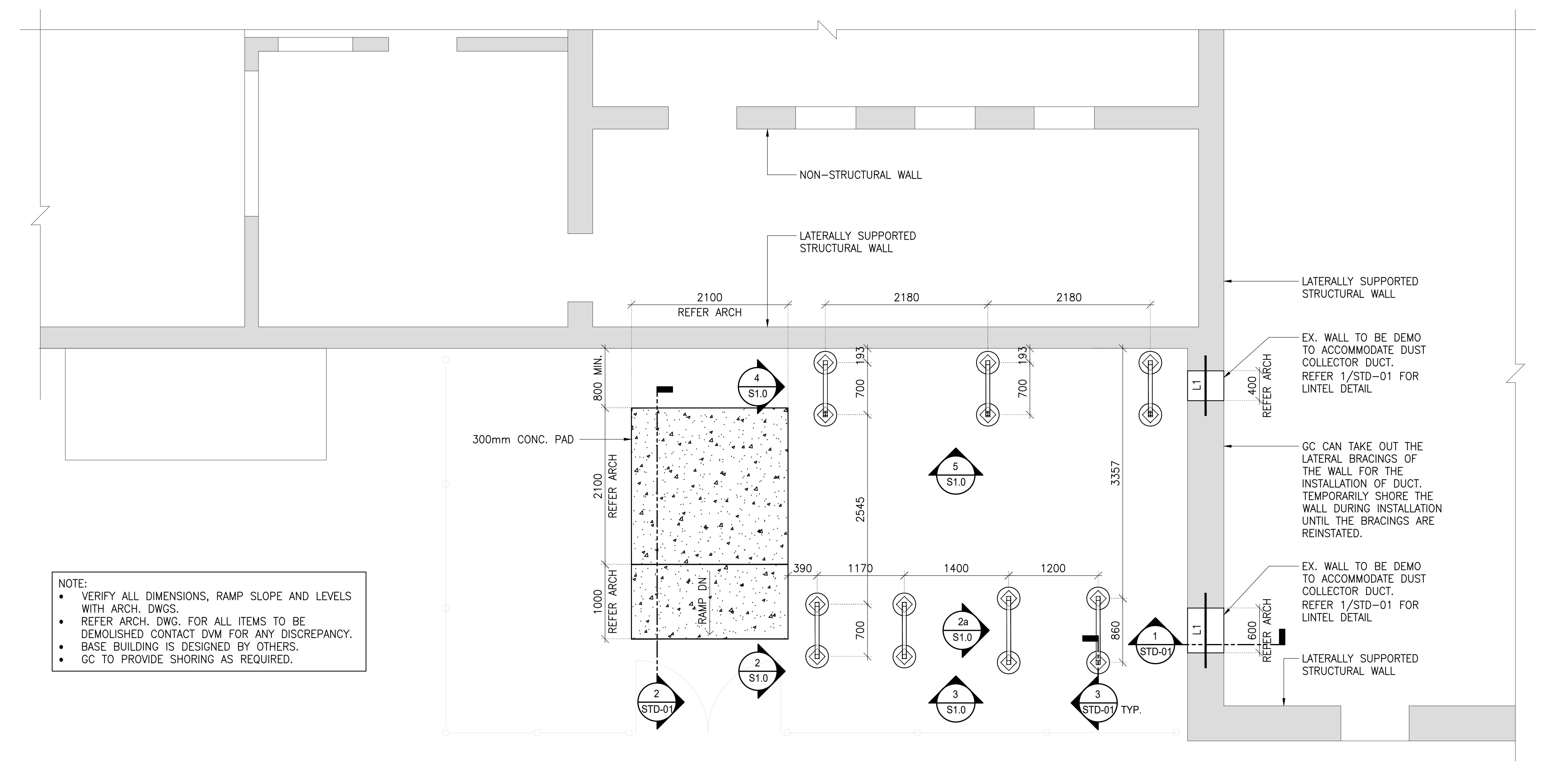
DATE APRIL, 2026

PRINTED April 22, 2026

DWG. NO. **STD-01**

MOFFET & DUNCAN
architects inc.

5052 DUNDAS ST. WEST
ISLINGTON, ONT. M9A 1B9
TEL: (416) 239-2775
FAX: (416) 239-6729
EMAIL: mdarch@mdarch.ca



NON-STRUCTURAL WALL

LATERALLY SUPPORTED STRUCTURAL WALL

300mm CONC. PAD

LATERALLY SUPPORTED STRUCTURAL WALL

EX. WALL TO BE DEMO TO ACCOMMODATE DUST COLLECTOR DUCT. REFER 1/STD-01 FOR LINTEL DETAIL

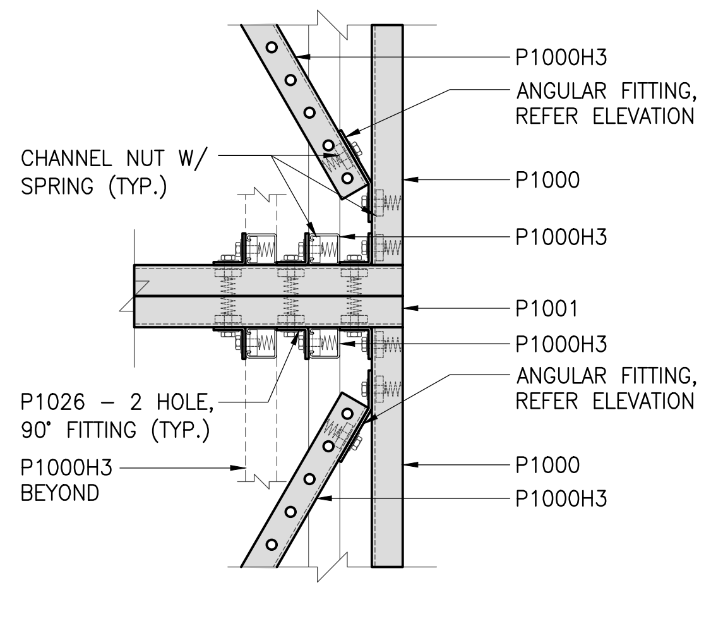
GC CAN TAKE OUT THE LATERAL BRACINGS OF THE WALL FOR THE INSTALLATION OF DUCT. TEMPORARILY SHORE THE WALL DURING INSTALLATION UNTIL THE BRACINGS ARE REINSTATED.

EX. WALL TO BE DEMO TO ACCOMMODATE DUST COLLECTOR DUCT. REFER 1/STD-01 FOR LINTEL DETAIL

LATERALLY SUPPORTED STRUCTURAL WALL

NOTE:
- VERIFY ALL DIMENSIONS, RAMP SLOPE AND LEVELS WITH ARCH. DWGS.
- REFER ARCH. DWG. FOR ALL ITEMS TO BE DEMOLISHED CONTACT DVM FOR ANY DISCREPANCY.
- BASE BUILDING IS DESIGNED BY OTHERS.
- GC TO PROVIDE SHORING AS REQUIRED.

1 / S1.0 PARTIAL MAIN FLOOR PLAN
SCALE 1:50



CHANNEL NUT W/ SPRING (TYP.)

P1026 – 2 HOLE, 90° FITTING (TYP.)

P1000H3 BEYOND

P1000H3

ANGULAR FITTING, REFER ELEVATION

P1000

P1000H3

P1001

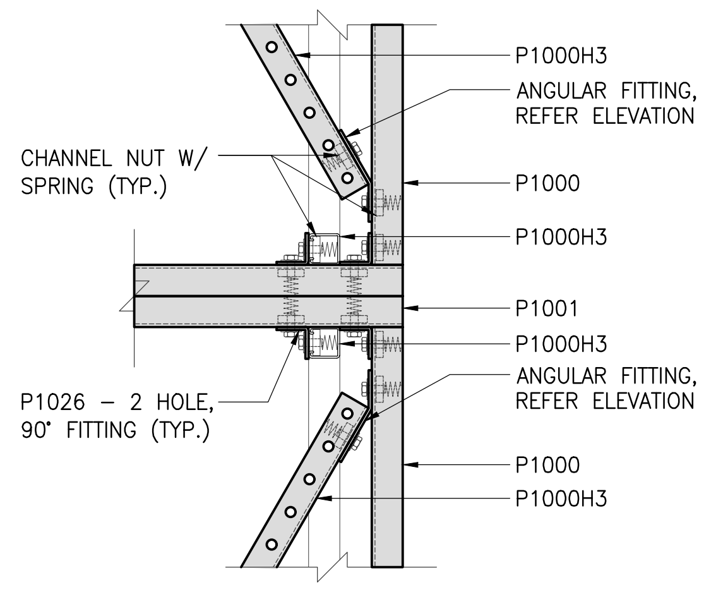
P1000H3

ANGULAR FITTING, REFER ELEVATION

P1000

P1000H3

7 / S1.0 CONNECTION DETAIL
SCALE 1:10



CHANNEL NUT W/ SPRING (TYP.)

P1026 – 2 HOLE, 90° FITTING (TYP.)

P1000H3

ANGULAR FITTING, REFER ELEVATION

P1000

P1000H3

P1001

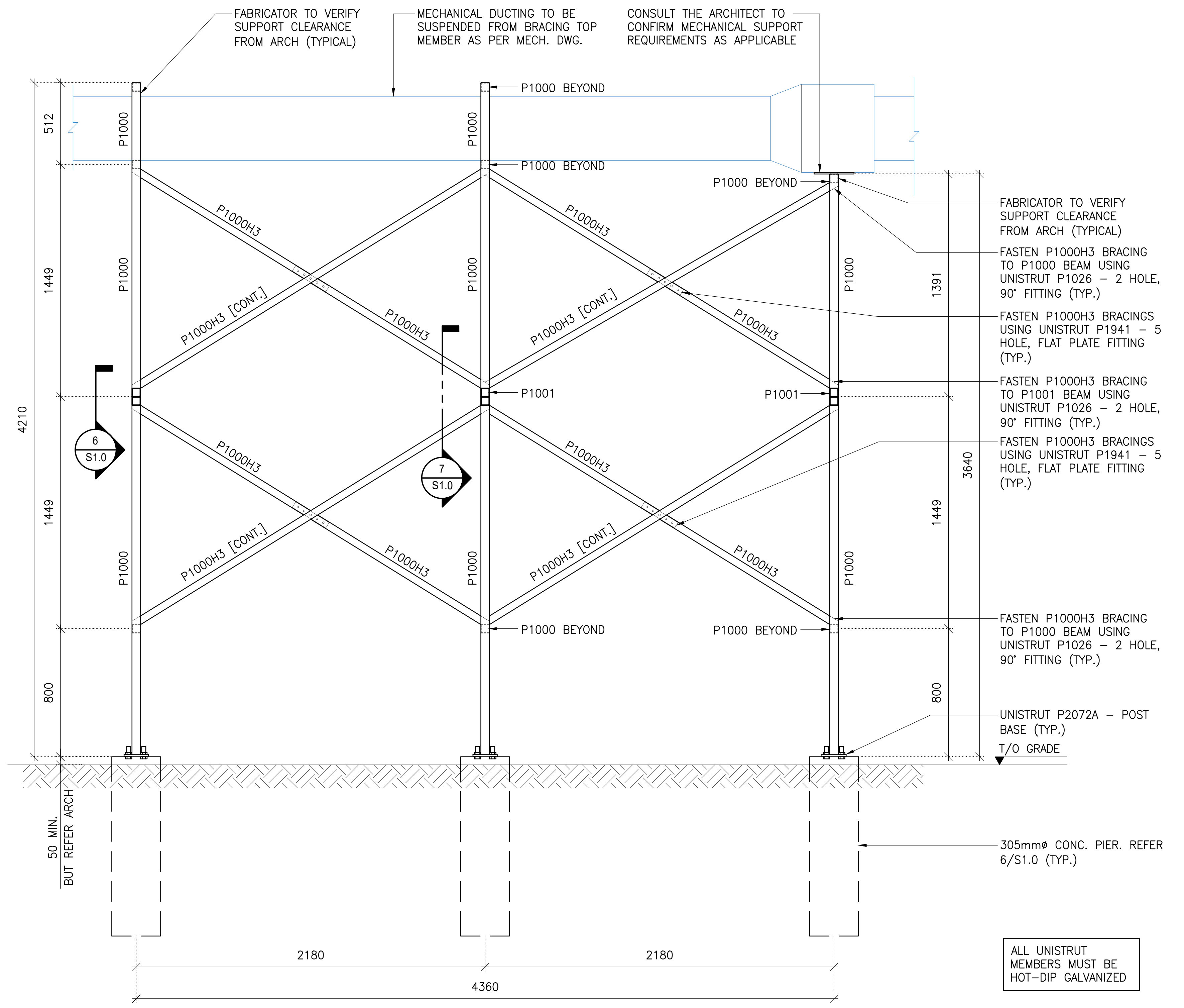
P1000H3

ANGULAR FITTING, REFER ELEVATION

P1000

P1000H3

6 / S1.0 CONNECTION DETAIL
SCALE 1:10



FABRICATOR TO VERIFY SUPPORT CLEARANCE FROM ARCH (TYPICAL)

MECHANICAL DUCTING TO BE SUSPENDED FROM BRACING TOP MEMBER AS PER MECH. DWG.

CONSULT THE ARCHITECT TO CONFIRM MECHANICAL SUPPORT REQUIREMENTS AS APPLICABLE

P1000 BEYOND

P1000 BEYOND

P1000 BEYOND

P1001

P1001

P1000 BEYOND

P1000 BEYOND

FABRICATOR TO VERIFY SUPPORT CLEARANCE FROM ARCH (TYPICAL)

FASTEN P1000H3 BRACING TO P1000 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACING TO P1001 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACING TO P1000 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

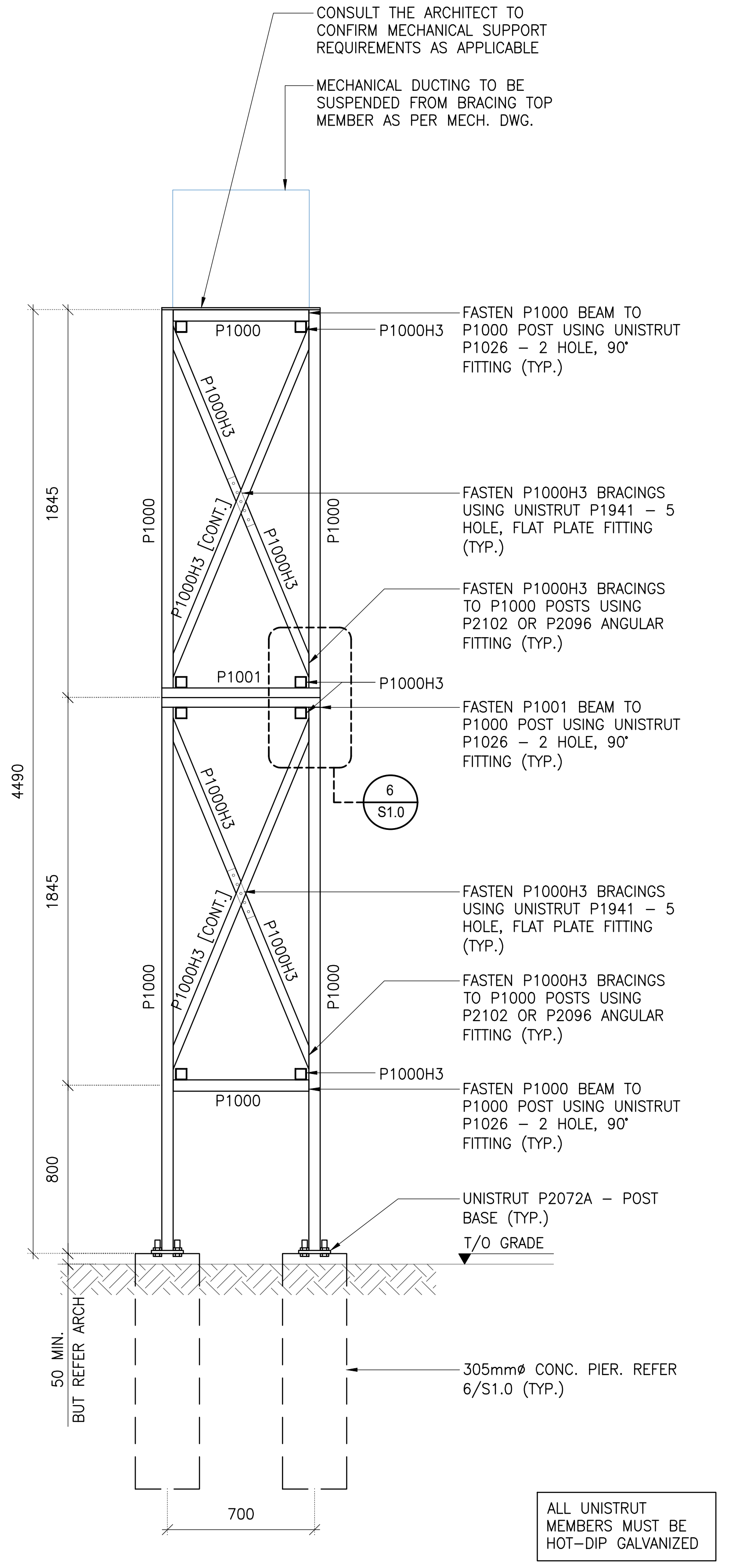
UNISTRUT P2072A – POST BASE (TYP.)

T/O GRADE

305mmø CONC. PIER. REFER 6/S1.0 (TYP.)

ALL UNISTRUT MEMBERS MUST BE HOT-DIP GALVANIZED

5 / S1.0 BRACING FRONT ELEVATION
SCALE 1:25



CONSULT THE ARCHITECT TO CONFIRM MECHANICAL SUPPORT REQUIREMENTS AS APPLICABLE

MECHANICAL DUCTING TO BE SUSPENDED FROM BRACING TOP MEMBER AS PER MECH. DWG.

P1000H3

FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2102 OR P2096 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1001 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2102 OR P2096 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

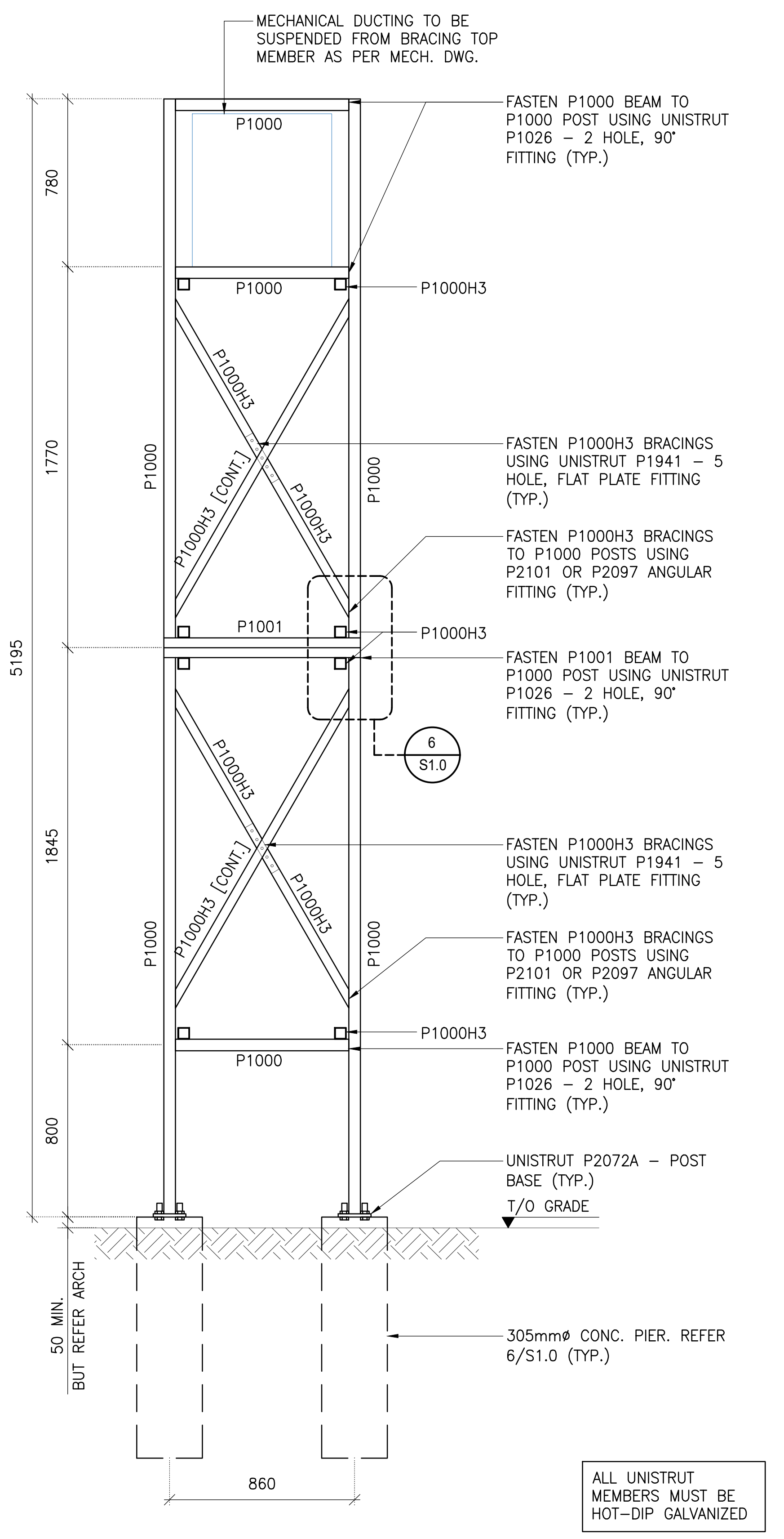
UNISTRUT P2072A – POST BASE (TYP.)

T/O GRADE

305mmø CONC. PIER. REFER 6/S1.0 (TYP.)

ALL UNISTRUT MEMBERS MUST BE HOT-DIP GALVANIZED

2 / S1.0 BRACING SIDE ELEVATION
SCALE 1:25



MECHANICAL DUCTING TO BE SUSPENDED FROM BRACING TOP MEMBER AS PER MECH. DWG.

FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

P1000H3

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2101 OR P2097 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1001 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2101 OR P2097 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

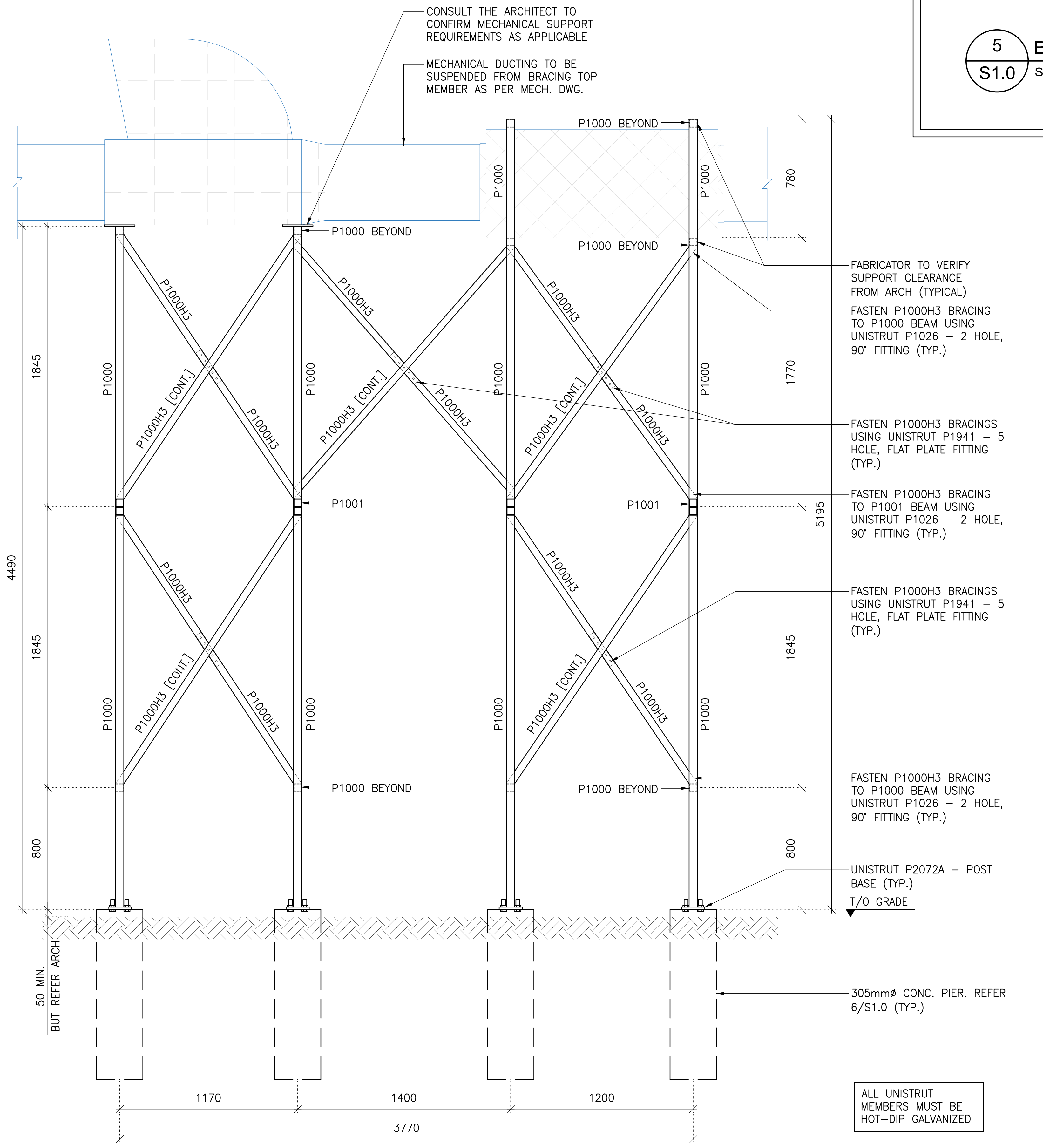
UNISTRUT P2072A – POST BASE (TYP.)

T/O GRADE

305mmø CONC. PIER. REFER 6/S1.0 (TYP.)

ALL UNISTRUT MEMBERS MUST BE HOT-DIP GALVANIZED

2a / S1.0 BRACING SIDE ELEVATION
SCALE 1:25



CONSULT THE ARCHITECT TO CONFIRM MECHANICAL SUPPORT REQUIREMENTS AS APPLICABLE

MECHANICAL DUCTING TO BE SUSPENDED FROM BRACING TOP MEMBER AS PER MECH. DWG.

P1000 BEYOND

P1000 BEYOND

P1000 BEYOND

P1001

P1001

P1000 BEYOND

P1000 BEYOND

FABRICATOR TO VERIFY SUPPORT CLEARANCE FROM ARCH (TYPICAL)

FASTEN P1000H3 BRACING TO P1000 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACING TO P1001 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACING TO P1000 BEAM USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

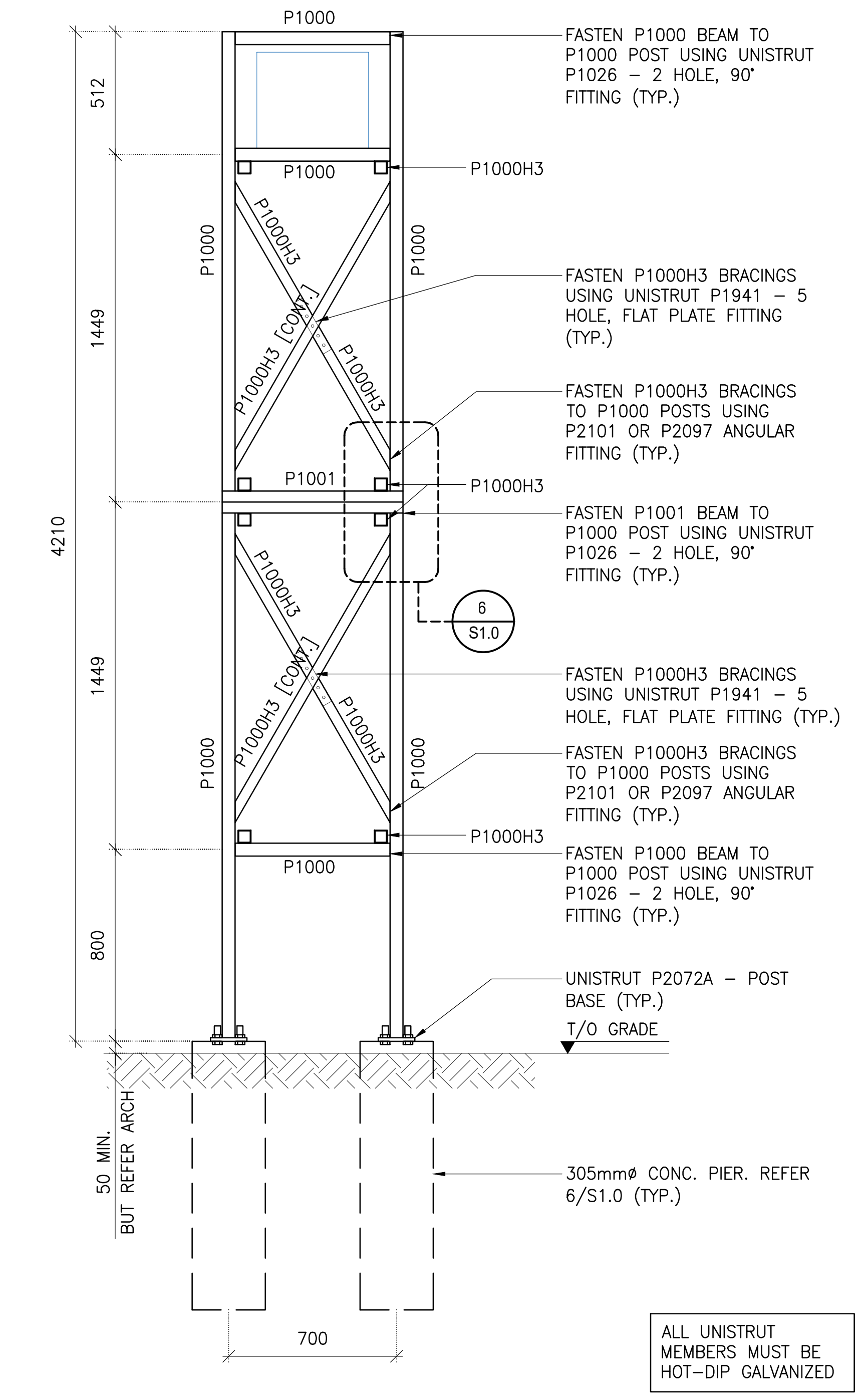
UNISTRUT P2072A – POST BASE (TYP.)

T/O GRADE

305mmø CONC. PIER. REFER 6/S1.0 (TYP.)

ALL UNISTRUT MEMBERS MUST BE HOT-DIP GALVANIZED

3 / S1.0 BRACING FRONT ELEVATION
SCALE 1:25



FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

P1000H3

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2101 OR P2097 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1001 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

FASTEN P1000H3 BRACINGS USING UNISTRUT P1941 – 5 HOLE, FLAT PLATE FITTING (TYP.)

FASTEN P1000H3 BRACINGS TO P1000 POSTS USING P2101 OR P2097 ANGULAR FITTING (TYP.)

P1000H3

FASTEN P1000 BEAM TO P1000 POST USING UNISTRUT P1026 – 2 HOLE, 90° FITTING (TYP.)

UNISTRUT P2072A – POST BASE (TYP.)

T/O GRADE

305mmø CONC. PIER. REFER 6/S1.0 (TYP.)

ALL UNISTRUT MEMBERS MUST BE HOT-DIP GALVANIZED

4 / S1.0 BRACING SIDE ELEVATION
SCALE 1:25

DATE	REVISIONS
2. APR 27, 2026	ISSUED FOR ADDENDUM
1. APR 22, 2026	ISSUED FOR COORDINATION

CONSULTANT

DVM ENGINEERING
6820 KITIMAT RD., SUITE #8
MISSISSAUGA, ON L5N 5M3
Ph: (416) 451-5114
info@dvmeng.com

M.B.MAVANI
100178008
APR. 27, 2026

North Hastings High School
Dust Collector Replacement

14 MONCK STREET **BANCROFT, ONTARIO**

.\HPEDSB 2020 logo_black.jpg

DRAWING
PAD AND DUCT
BRACING DETAIL

TRUE NORTH
DWG. NORTH

JOB NO.
2610

SCALE
AS SHOWN

DATE
APRIL, 2026

PRINTED
April 22, 2026

DWG. NO.
S1.0

MOFFET &
DUNCAN
architects inc.
5052 DUNDAS ST. WEST
ISLINGTON, ONT. M9A 1B9
TEL: (416) 239-2775
FAX: (416) 239-6729
EMAIL: mdarch@mdarch.ca