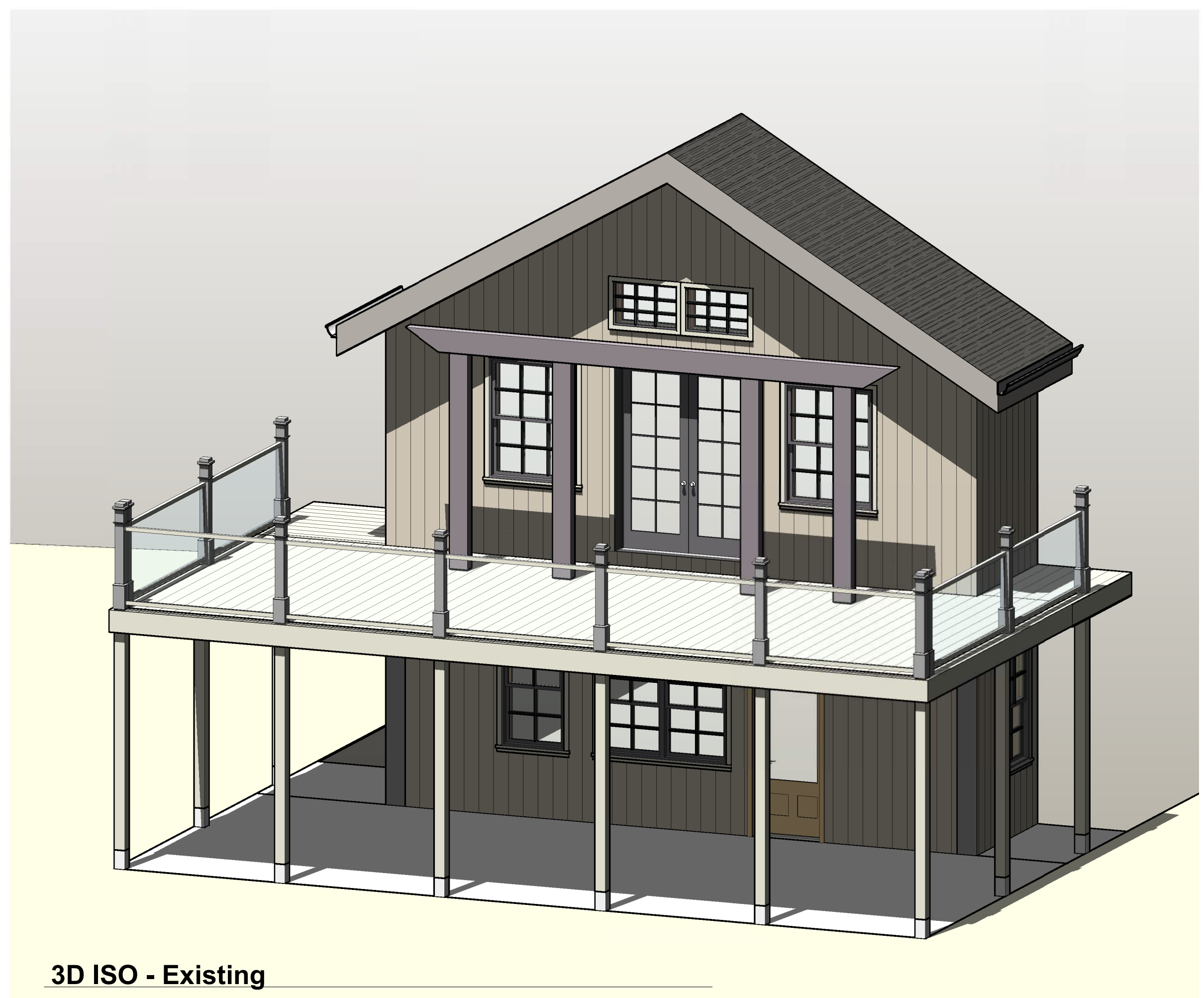
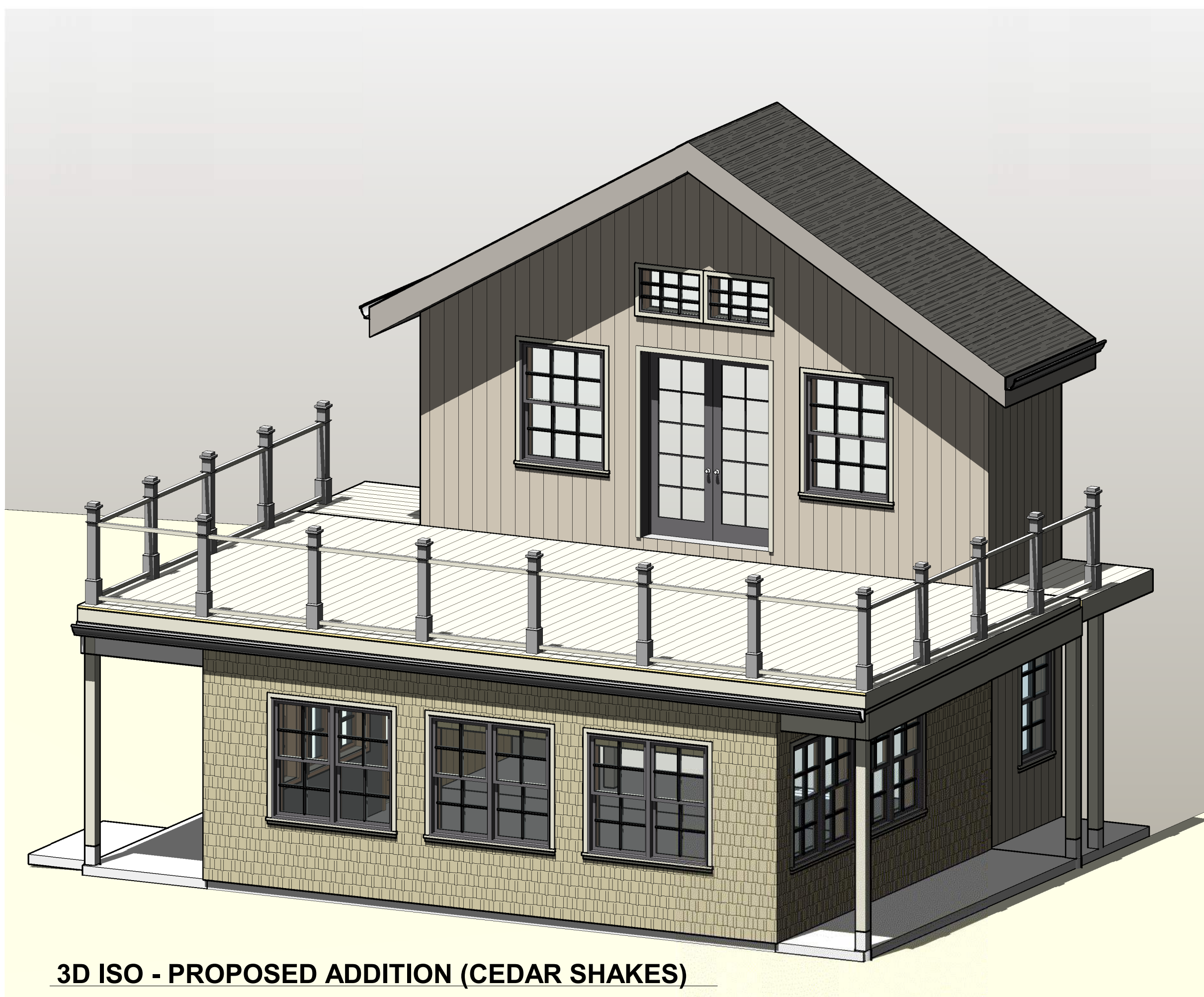


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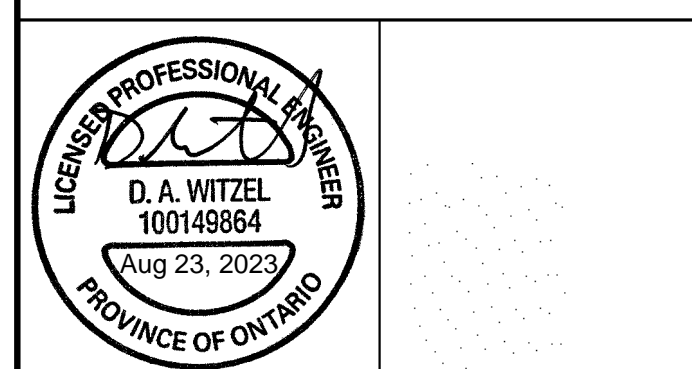
3D ISO - Existing



3D ISO - PROPOSED ADDITION (CEDAR SHAKES)

| NO. | DATE | REVISION |
|-----|------------|-----------|
| 2 | 2023.08.23 | RE-ISSUED |
| 1 | 2023.08.11 | ISSUED |

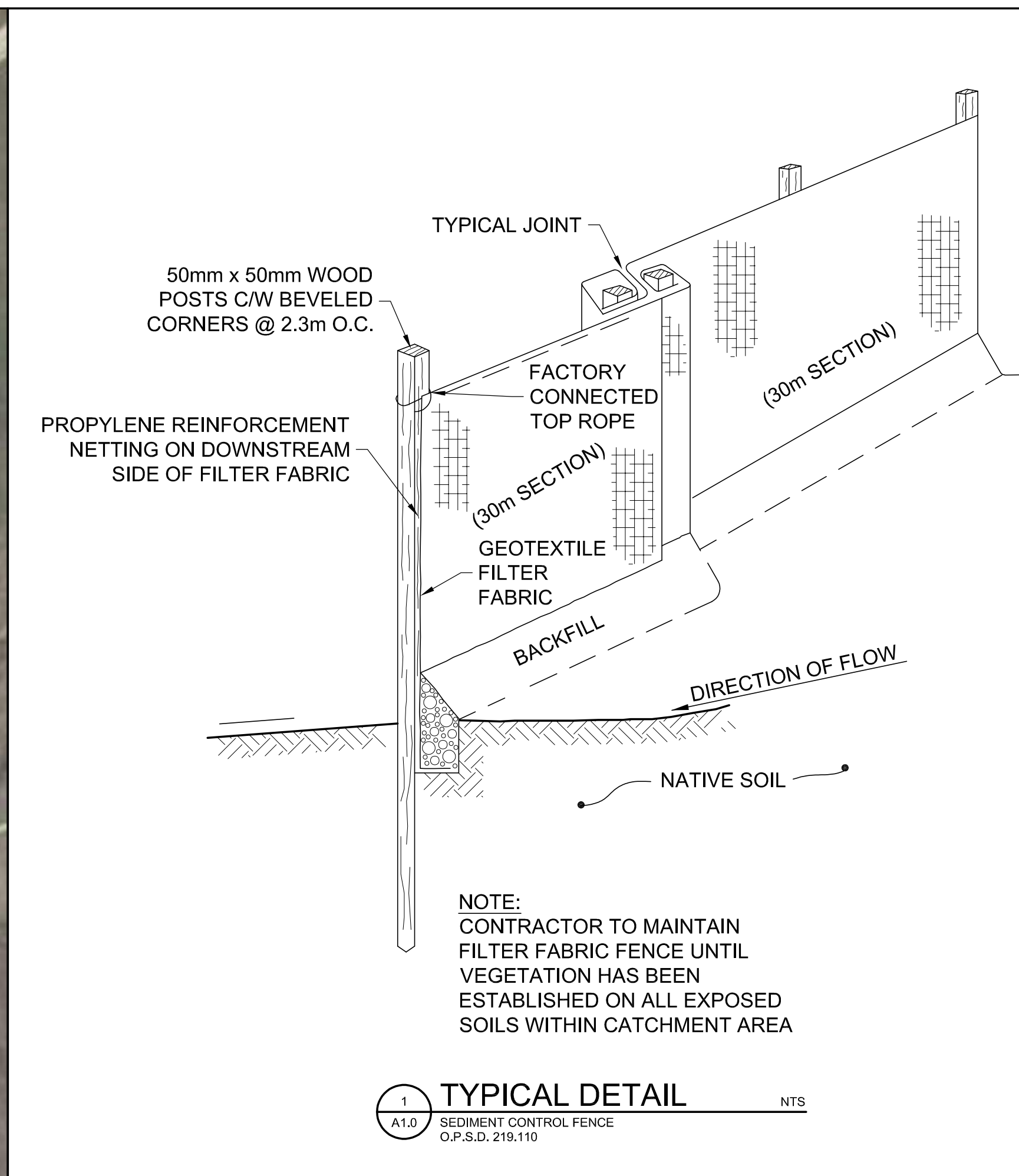
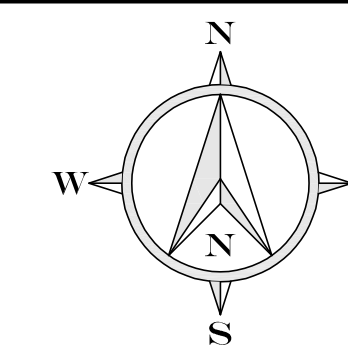
WitzelDyce
ENGINEERING INC.
826 King Street North, Unit 20
Waterloo, Ontario, N2J 4G8
www.witzeldyce.com



PROJECT
300 JOSEPH SCHOERG ADDITION
300 JOSEPH SCHOERG CRES. KITCHENER, ON

DRAWING
3D ISOMETRIC

| | |
|------------------------|----------------------------|
| DESIGNER TGEC / DAW | PROJECT NO. 15894-100 |
| DRAWN TXC | DRAWING NO. A0.0 |
| DATE AUGUST 2023 | |
| SCALE AS NOTED | |

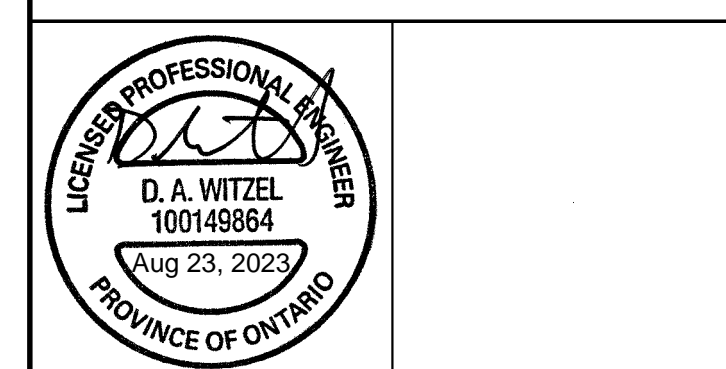


- A. EROSION CONTROL
1. ALL SILT FENCING TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY AREA GRADING, EXCAVATION OR DEMOLITION.
 2. EROSION CONTROL FENCE TO BE PLACED AROUND THE BASE OF ALL STOCKPILES. ALL STOCKPILES TO BE KEPT A MINIMUM OF 2.5m FROM ALL PROPERTY LINES.
 3. P-250 FILTER FABRIC UNDERLYING CONSTRUCTION VEHICLE ENTRANCE TO CONSIST OF CLEANED OR REPLACED 300mm THICK, 50mmØ STONE. STONE TO BE TAKEN UP WHEN ACCUMULATIONS COVER 50% OF TOP OF STONE (SEE DETAIL).
 4. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MANHOLES AND/OR CATCHBASINS.
 5. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL CONTROL STRUCTURES.
 6. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY BY WITZEL DYCE ENGINEERING AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF ONE THIRD (1/3) THE HEIGHT OF THE SILT FENCE.
 7. ALL EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RE-STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
 8. NO ALTERNATIVE METHODS OF EROSION CONTROL PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY WITZEL DYCE ENGINEERING.
 9. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SEDIMENTS FROM THE MUNICIPAL ROADS, SIDEWALKS AND DITCHES AT THE END OF EACH WORK DAY.
 10. MUD MATS TO BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MATS SHALL BE A MINIMUM OF 6m WIDE, 15.0m LONG (LENGTH MAY VARY DEPENDING ON SITE LAYOUT) AND 0.3m DEEP AND SHALL CONSIST OF 150mmØ-200mmØ RIP-RAP MATERIAL OR APPROVED EQUIVALENT. CONTRACTOR TO ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THAT MAT IS MAINTAINED IN A MANNER TO MAXIMIZE ITS EFFECTIVENESS AT ALL TIMES.
 11. WITZEL DYCE ENGINEERING TO MONITOR THE SITE DEVELOPMENT TO ENSURE ALL EROSION CONTROLS ARE INSTALLED AND MAINTAINED TO TOWNSHIP REQUIREMENTS. CONTRACTOR TO COMPLY WITH THE ENGINEER'S INSTRUCTIONS TO INSTALL, MODIFY, OR MAINTAIN EROSION CONTROL WORKS.

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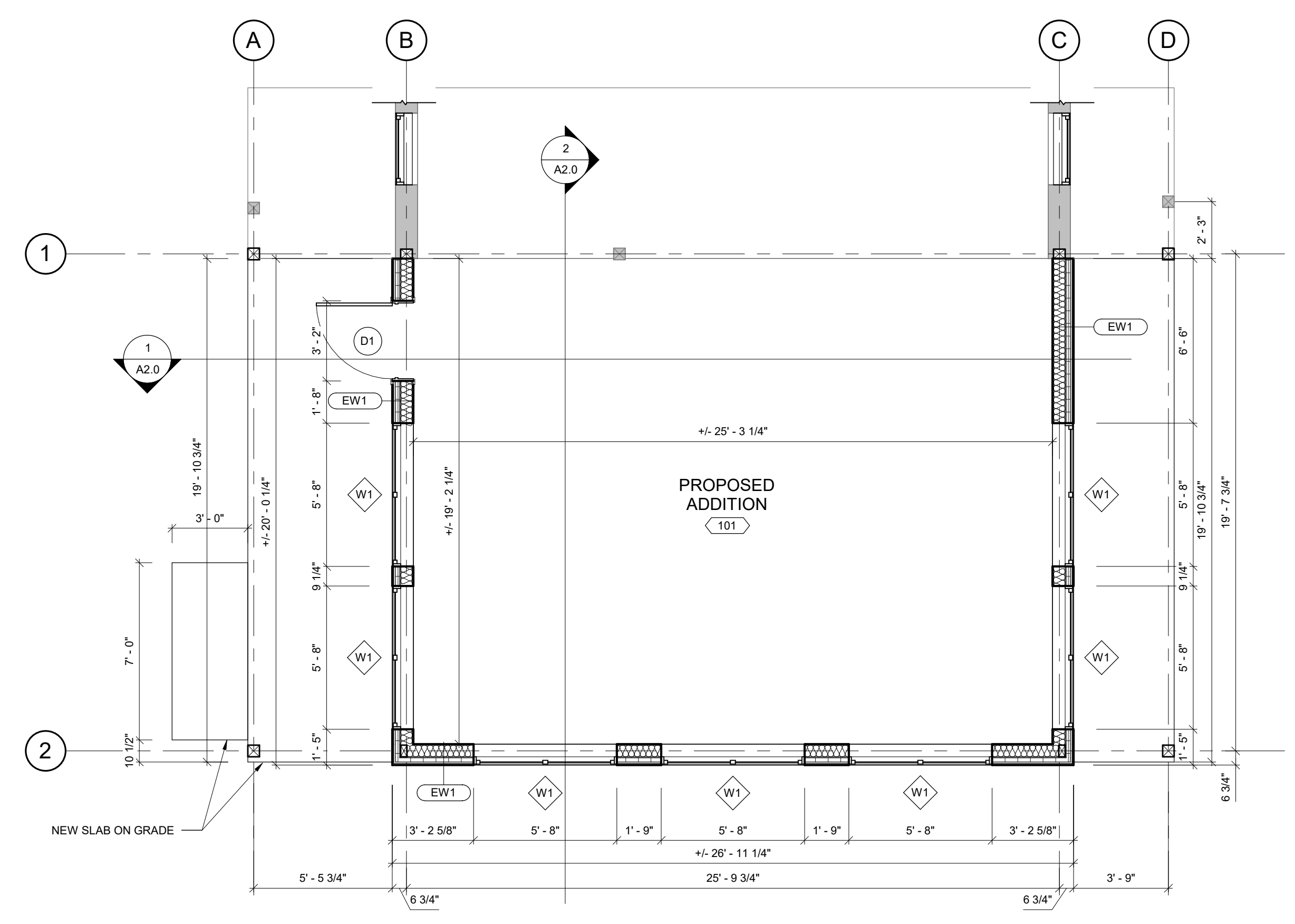
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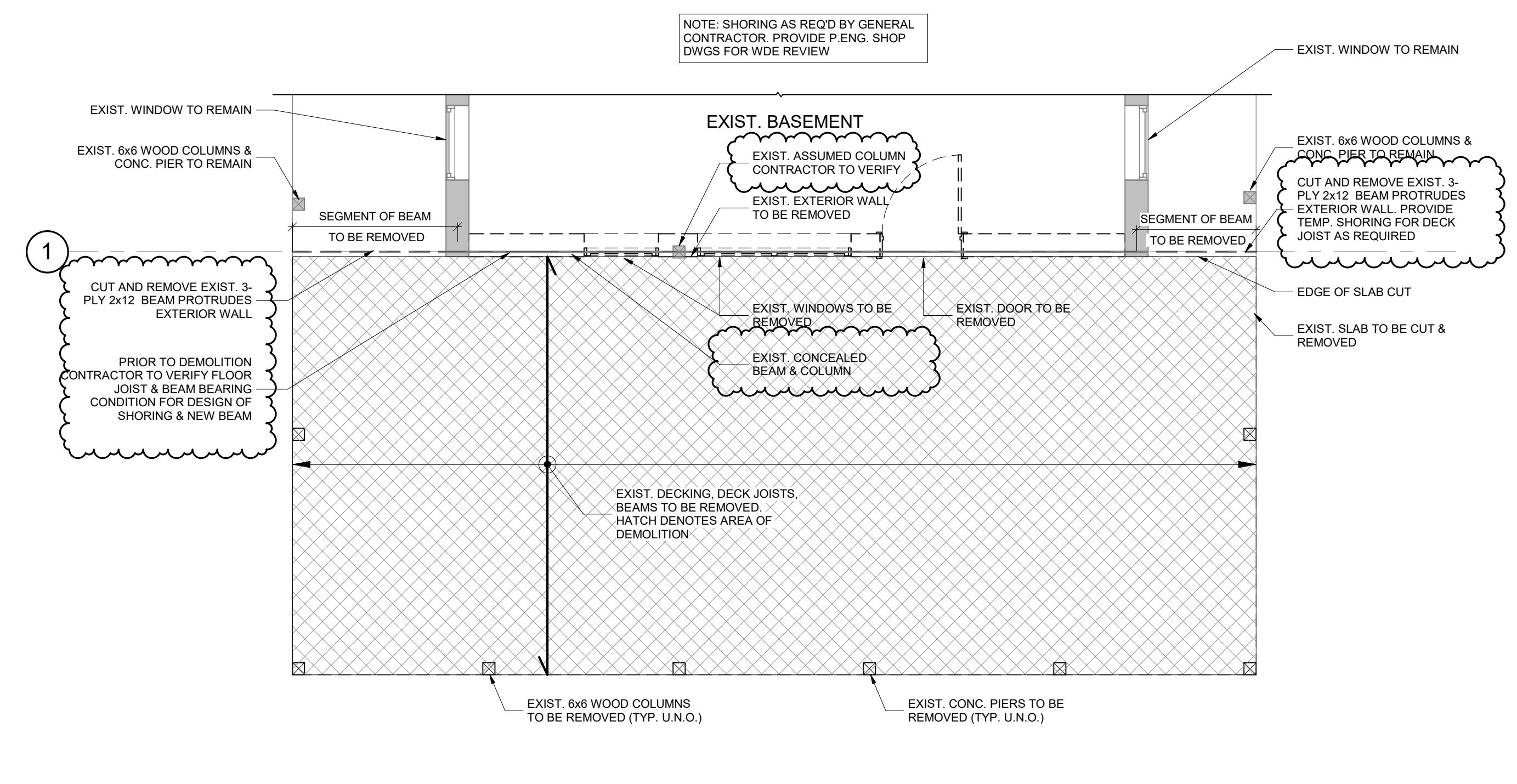


| | | | |
|----------|-------------|--|-----------|
| PROJECT | | 300 JOSEPH SCHOERG CRES., KITCHENER, ON. | |
| DRAWING | | SITE PLAN | |
| DESIGNER | DAW | PROJECT NO. | 15894-100 |
| DRAWN | CJF | DRAWING NO. | A1.0 |
| DATE | AUGUST 2023 | | |
| SCALE | 1:300 | | |

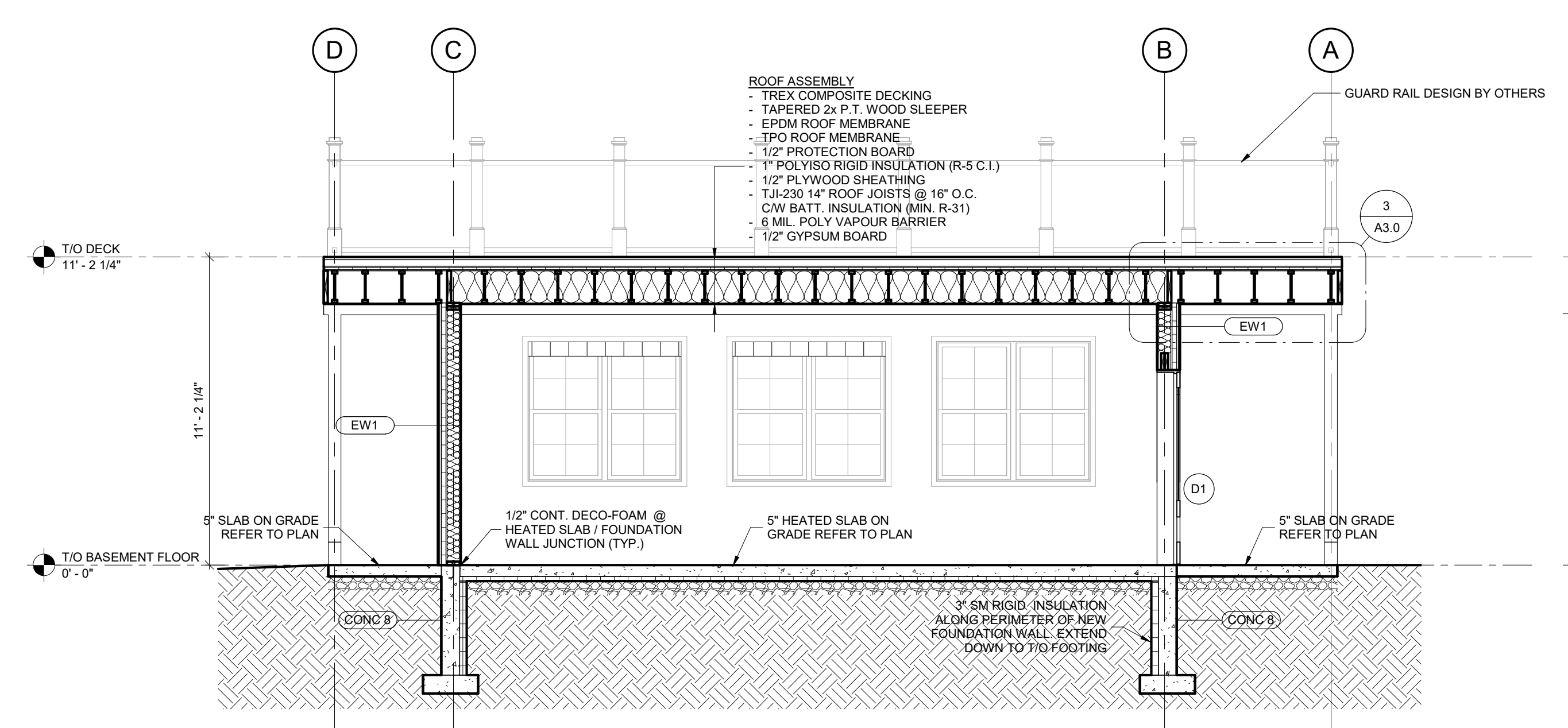
SITE PLAN 1:300



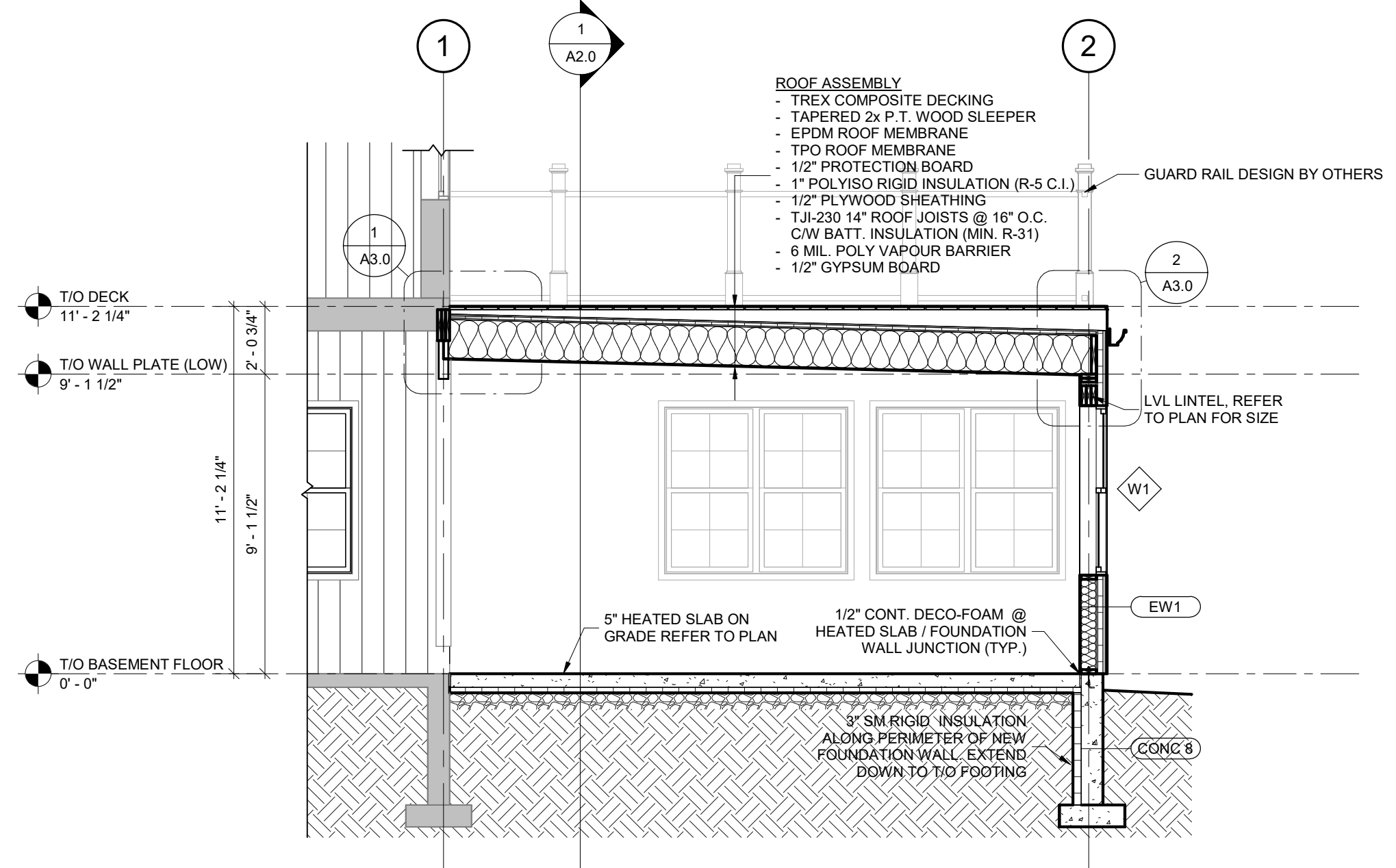
BASEMENT FLOOR PLAN (CEDAR SHAKES) 1/4" = 1'-0"



DEMO PLAN 1/4" = 1'-0"



1 SECTION WEST - EAST 1/4" = 1'-0"



2 SECTION NORTH - SOUTH 1/4" = 1'-0"

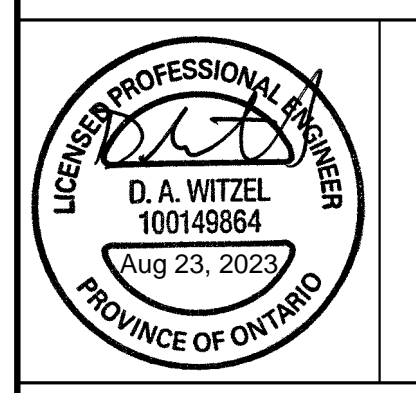
| WALL SCHEDULE | | |
|---------------|-------------|--|
| WALL | LEGEND VIEW | MATERIALS |
| EW1 | | <ul style="list-style-type: none"> • CEDAR SHAKE CLADDING (COLOUR TBD) • 1/2" HORIZONTAL WOOD FURRING @ EVERY COURSE • VAPOUR PERMEABLE AIR BARRIER • 1" RIGID INSULATION (MIN. R-5) • 1/2" PLYWOOD SHEATHING • 2x6 S.F.P. NO.1/2 WOOD STUD @ 16" O.C. • C/W BATT. INSULATION (MIN. R-22) • 6 MIL. VAPOUR BARRIER • 1/2" GYPSUM BOARD |

| WINDOW SCHEDULE | | | |
|-----------------|-----------|-------|---|
| WINDOW | SIZE | FRAME | COMMENTS |
| W1 | 68" x 62" | WOOD | THERMALLY BROKEN, DOUBLE GLAZED, TINTED |

| DOOR SCHEDULE | | | |
|---------------|---------------|----------|--------|
| DOOR | SIZE | MATERIAL | FRAME |
| D1 | 3'-0" x 7'-0" | I.H.M. | I.H.M. |

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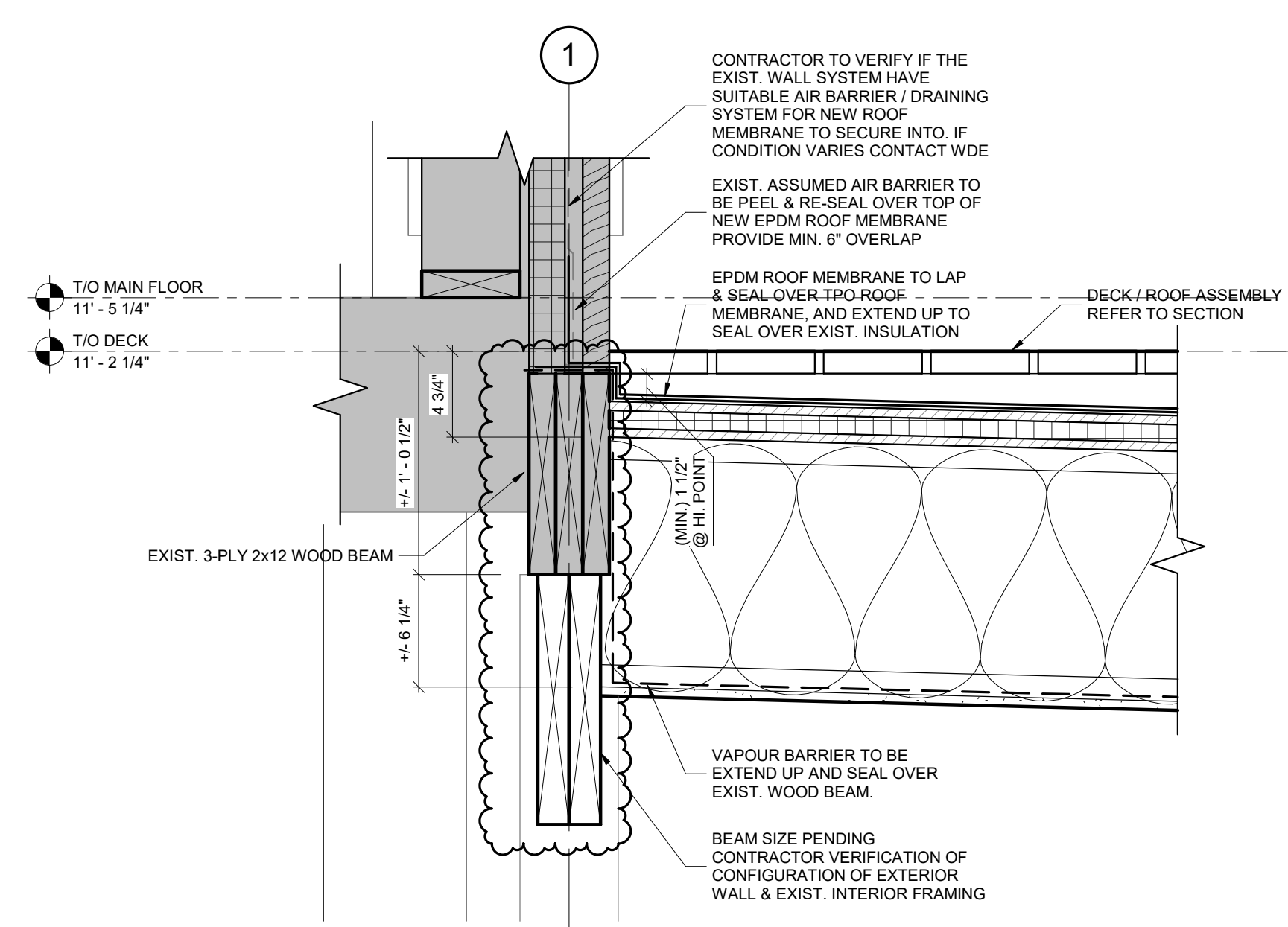


PROJECT
300 JOSEPH SCHOERG ADDITION
 300 JOSEPH SCHOERG CRES. KITCHENER, ON

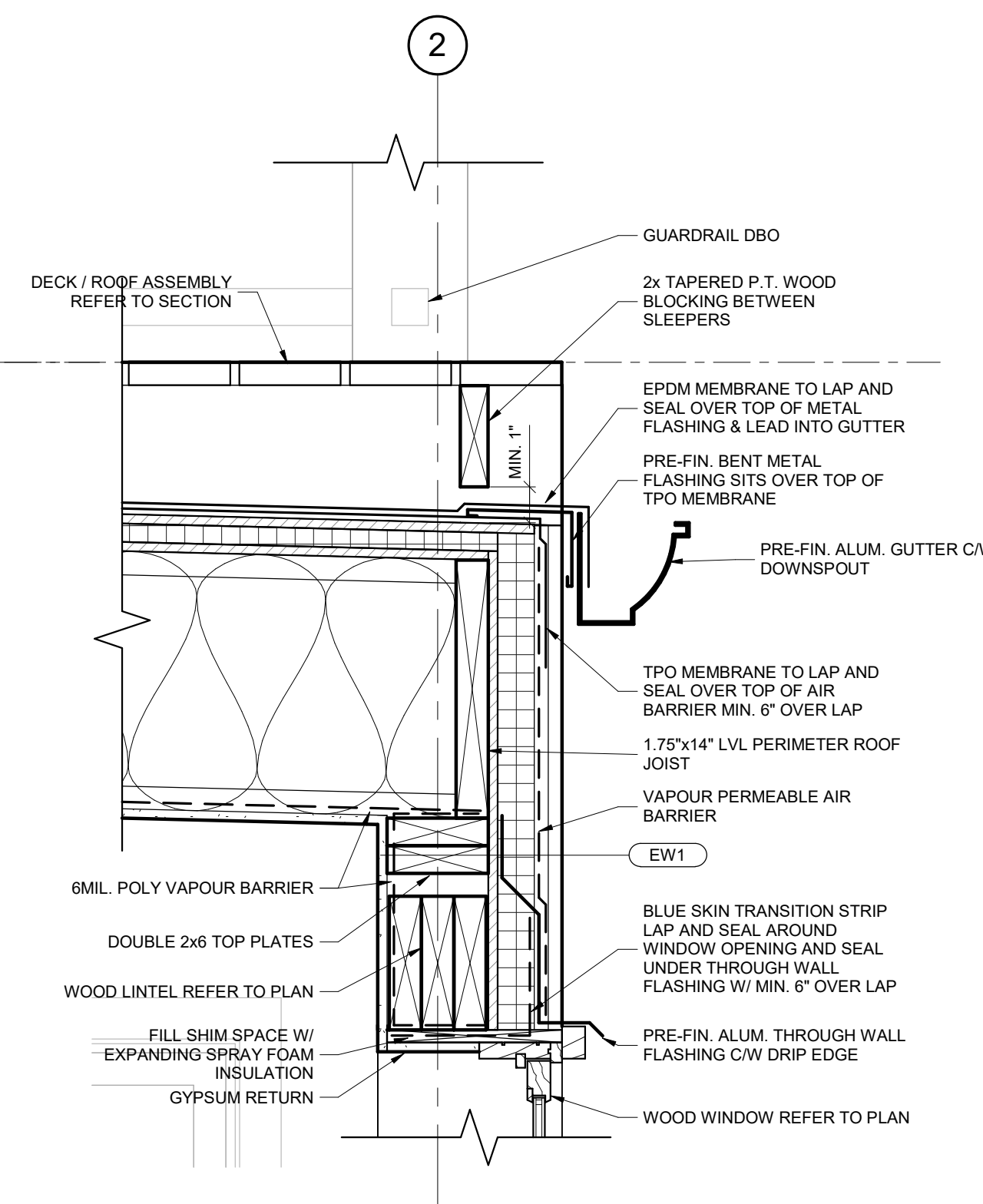
DRAWING
FLOOR PLAN & DEMOLITION PLAN

| | |
|------------------------|--------------------------|
| DESIGNER TGEC / DAW | PROJECT NO. 15894-100 |
| DRAWN TXC | DRAWING NO. |
| DATE AUGUST 2023 | A2.0 |
| SCALE AS NOTED | |

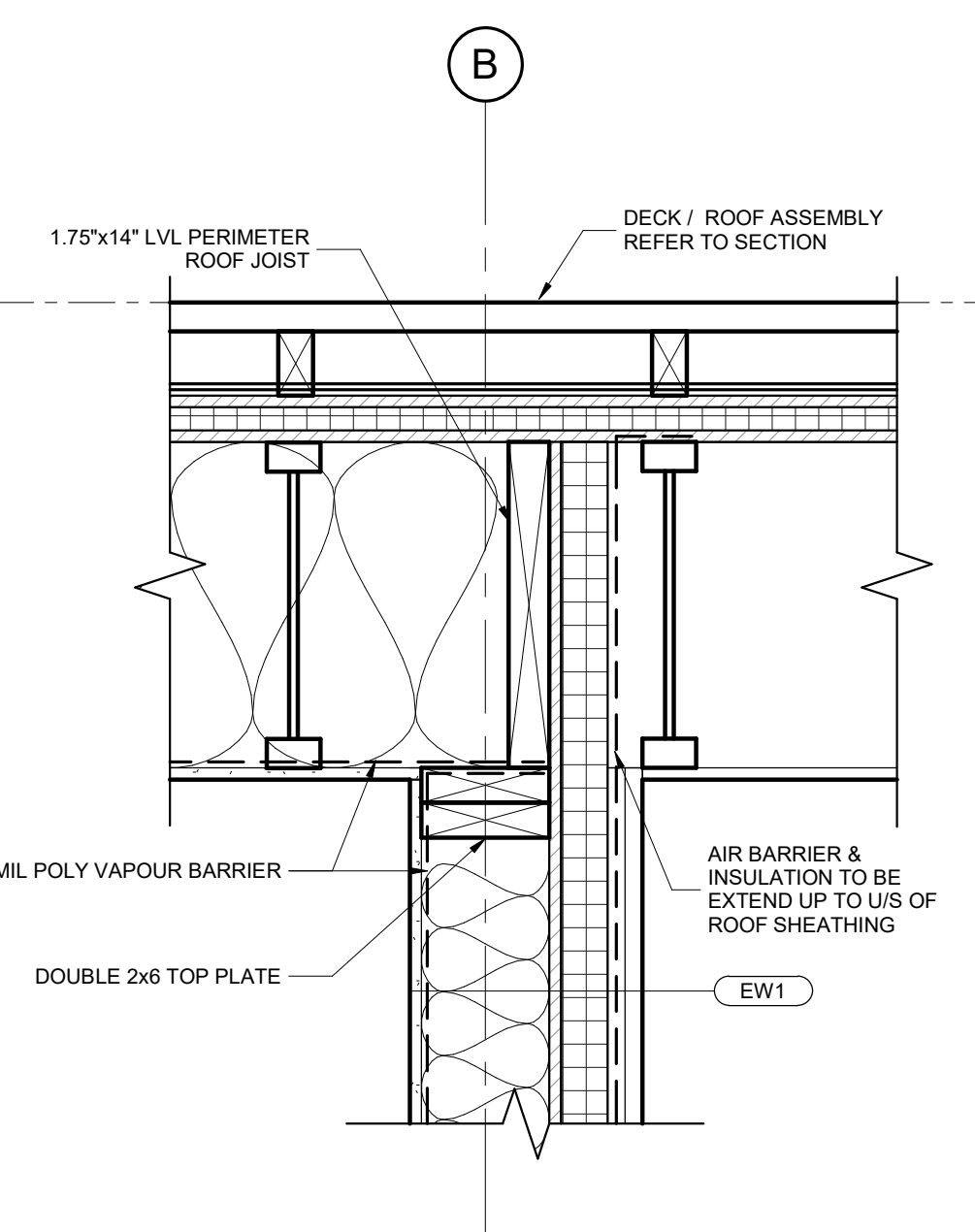
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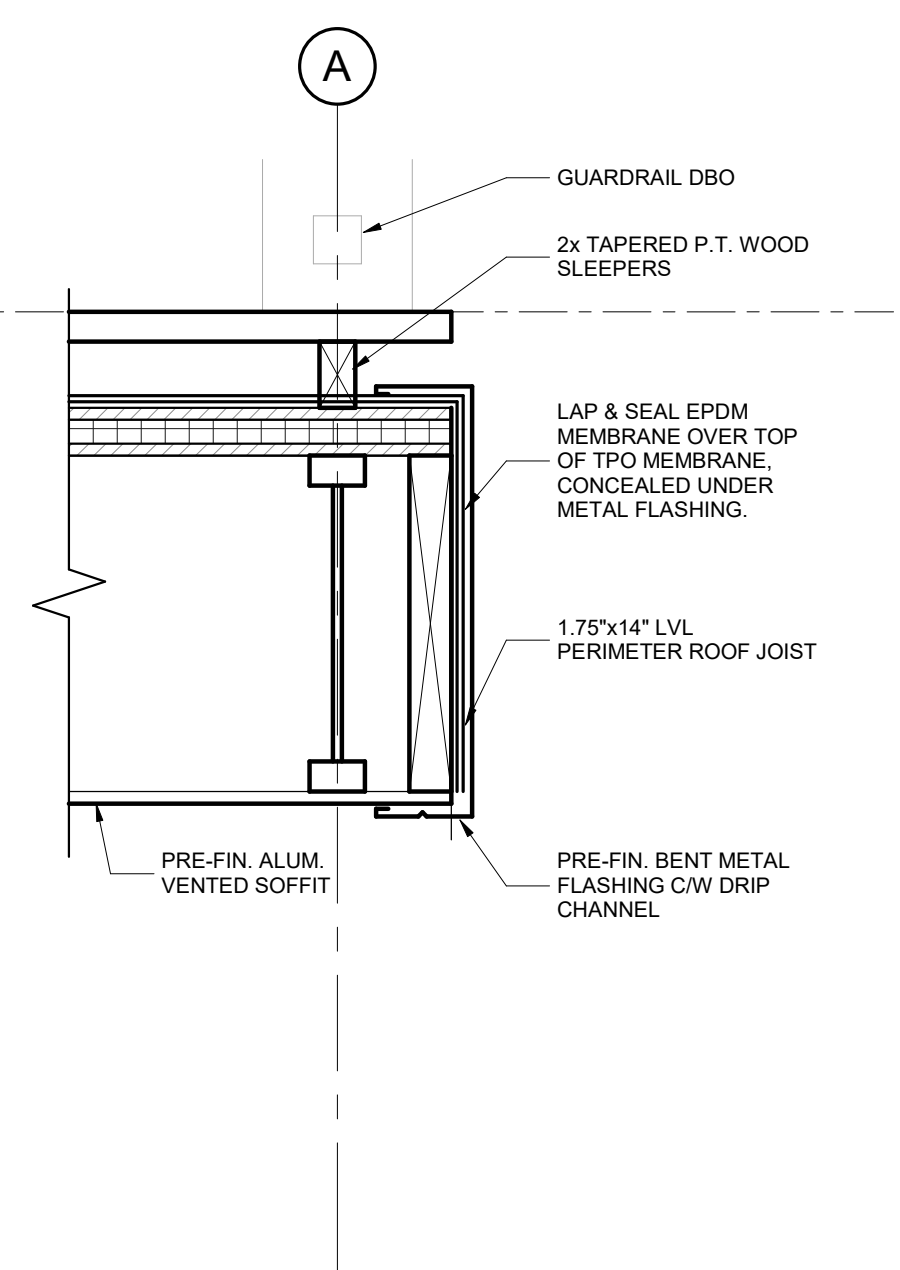
1 SECTION
A3.0 DECK / FLOOR JUNCTION 1 1/2" = 1'-0"



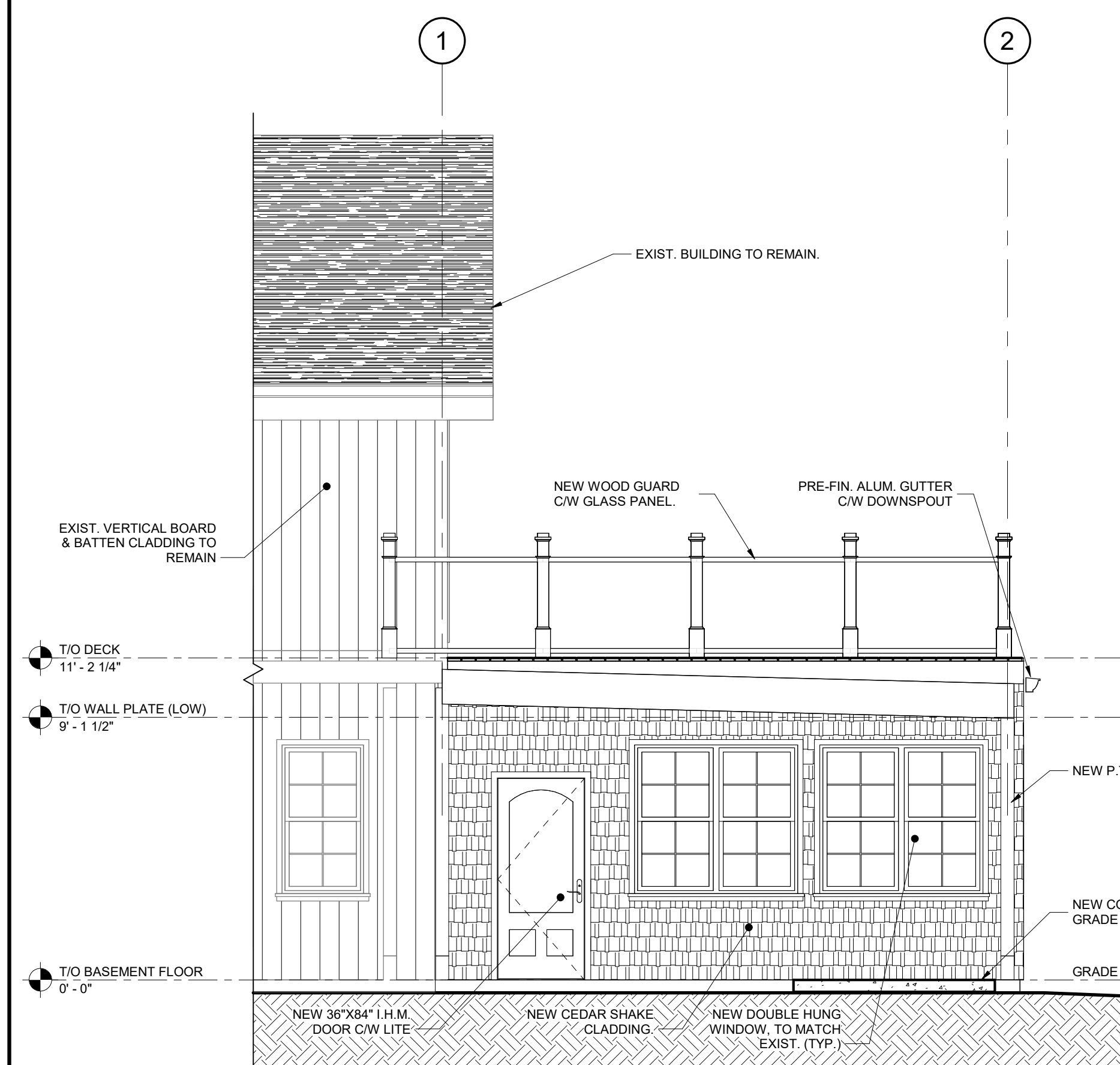
2 SECTION
A3.0 DECK / EXTERIOR WALL JUNCTION 1 1/2" = 1'-0"



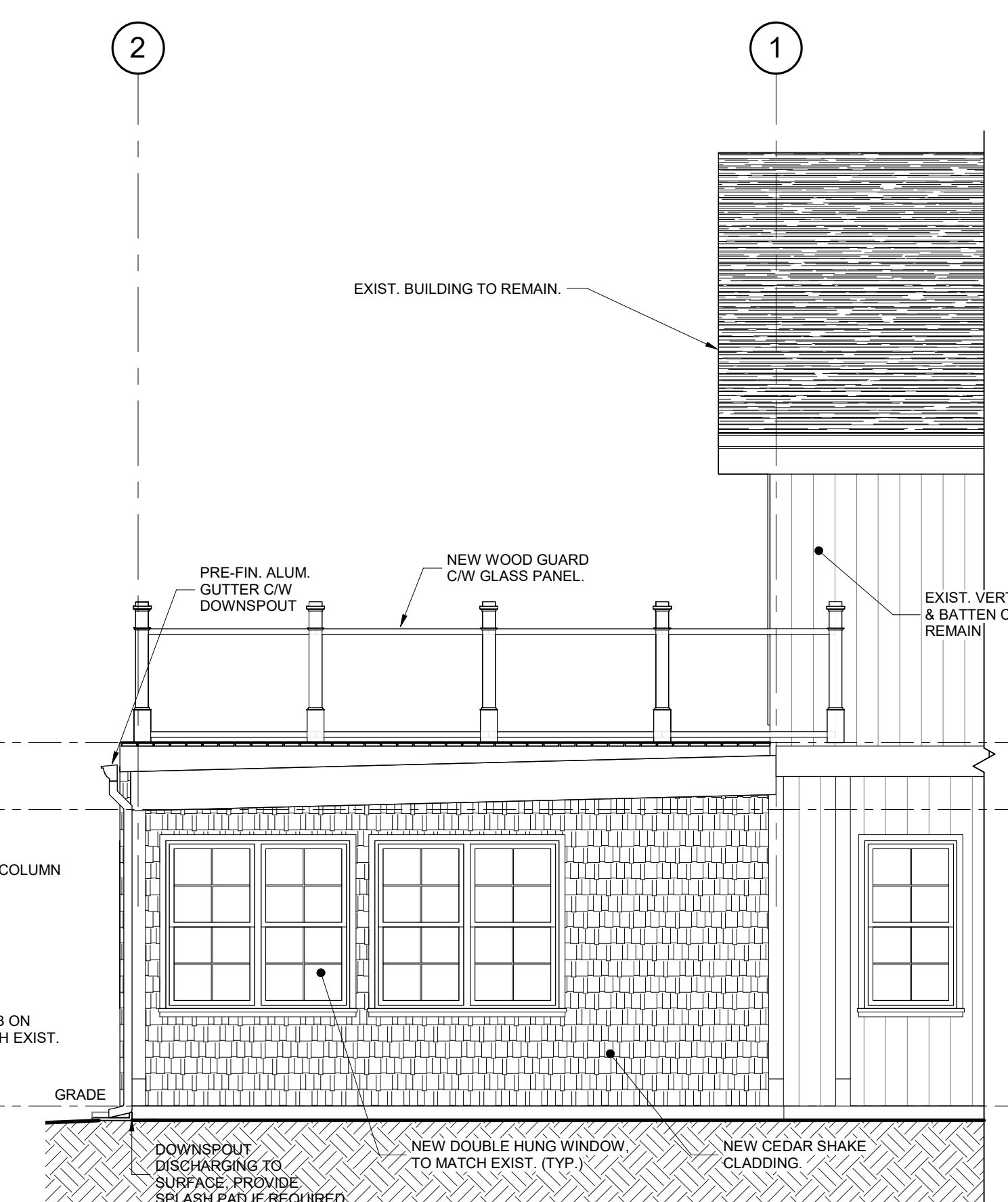
3 SECTION
A3.0 DECK SOFFIT / EXTERIOR WALL JUNCTION 1 1/2" = 1'-0"



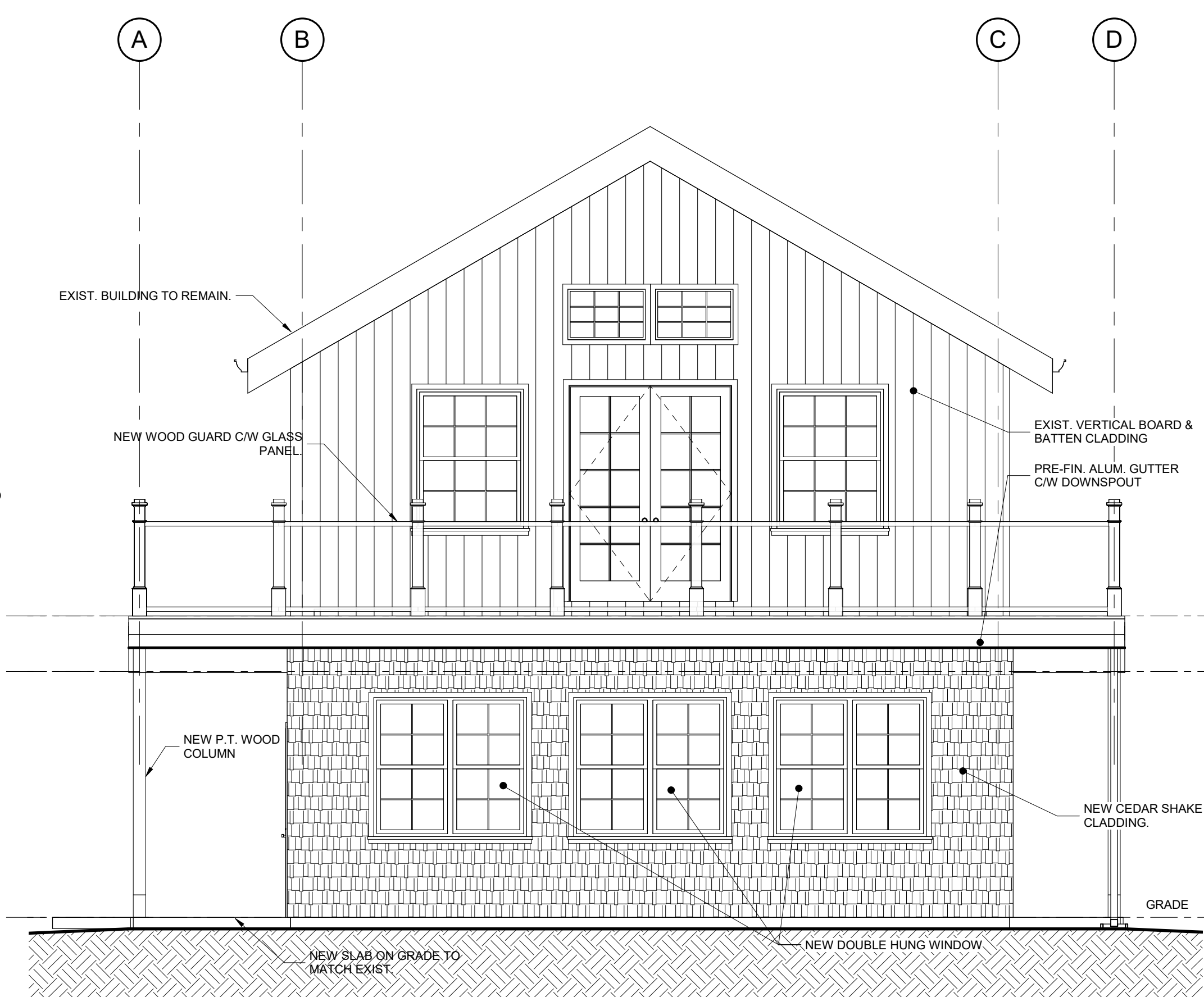
SECTION
A3.0 DECK SOFFIT / EXTERIOR WALL JUNCTION 1 1/2" = 1'-0"



PARTIAL WEST ELEVATION (CEDAR SHAKES) 1/4" = 1'-0"



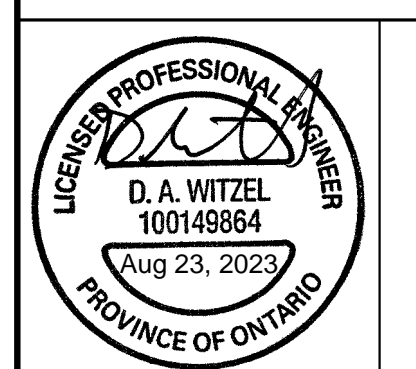
PARTIAL EAST ELEVATION (CEDAR SHAKES) 1/4" = 1'-0"



SOUTH ELEVATION (CEDAR SHAKES) 1/4" = 1'-0"

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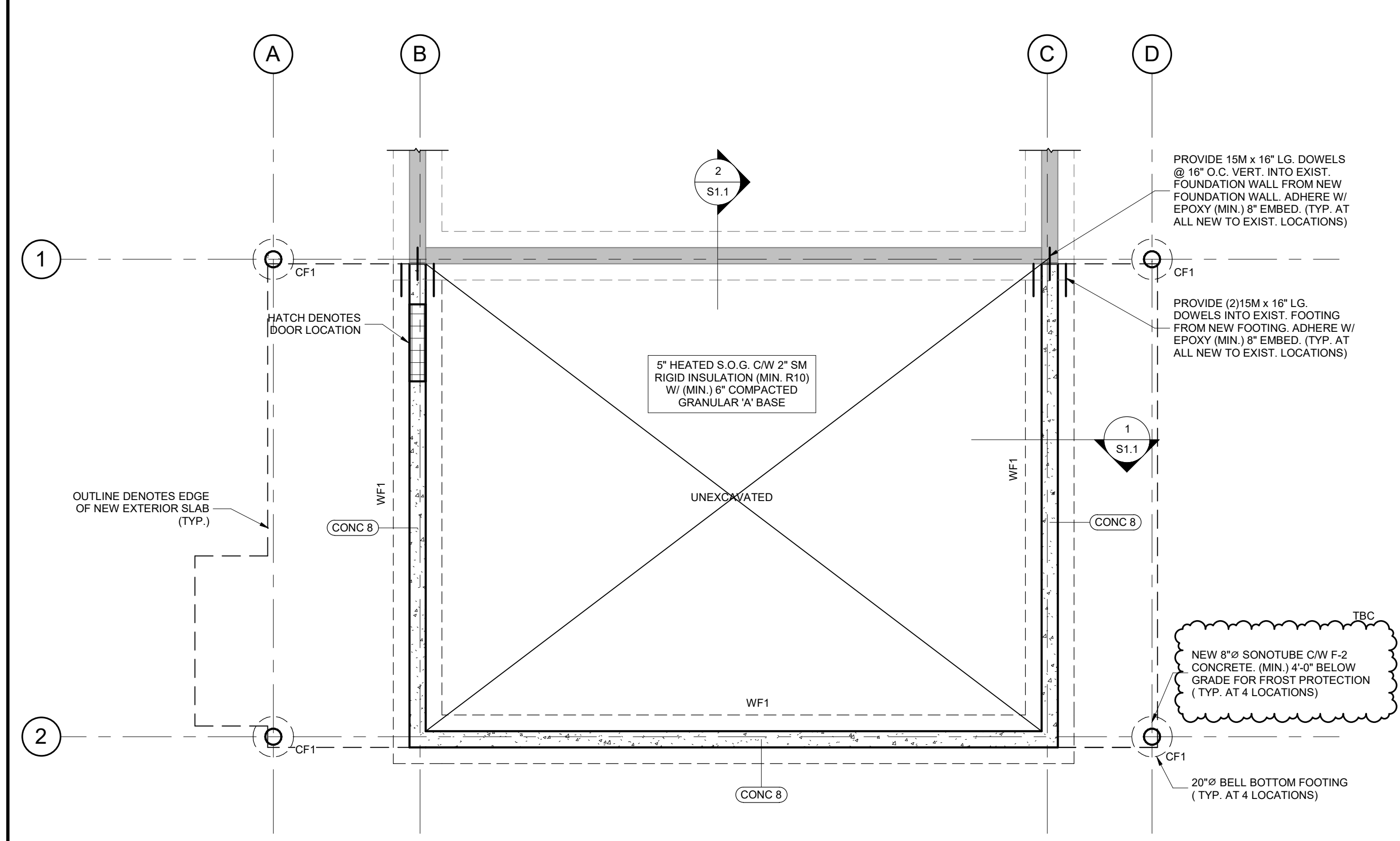
WitzelDyce ENGINEERING INC.
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PROJECT
300 JOSEPH SCHOERG ADDITION
300 JOSEPH SCHOERG CRES. KITCHENER, ON

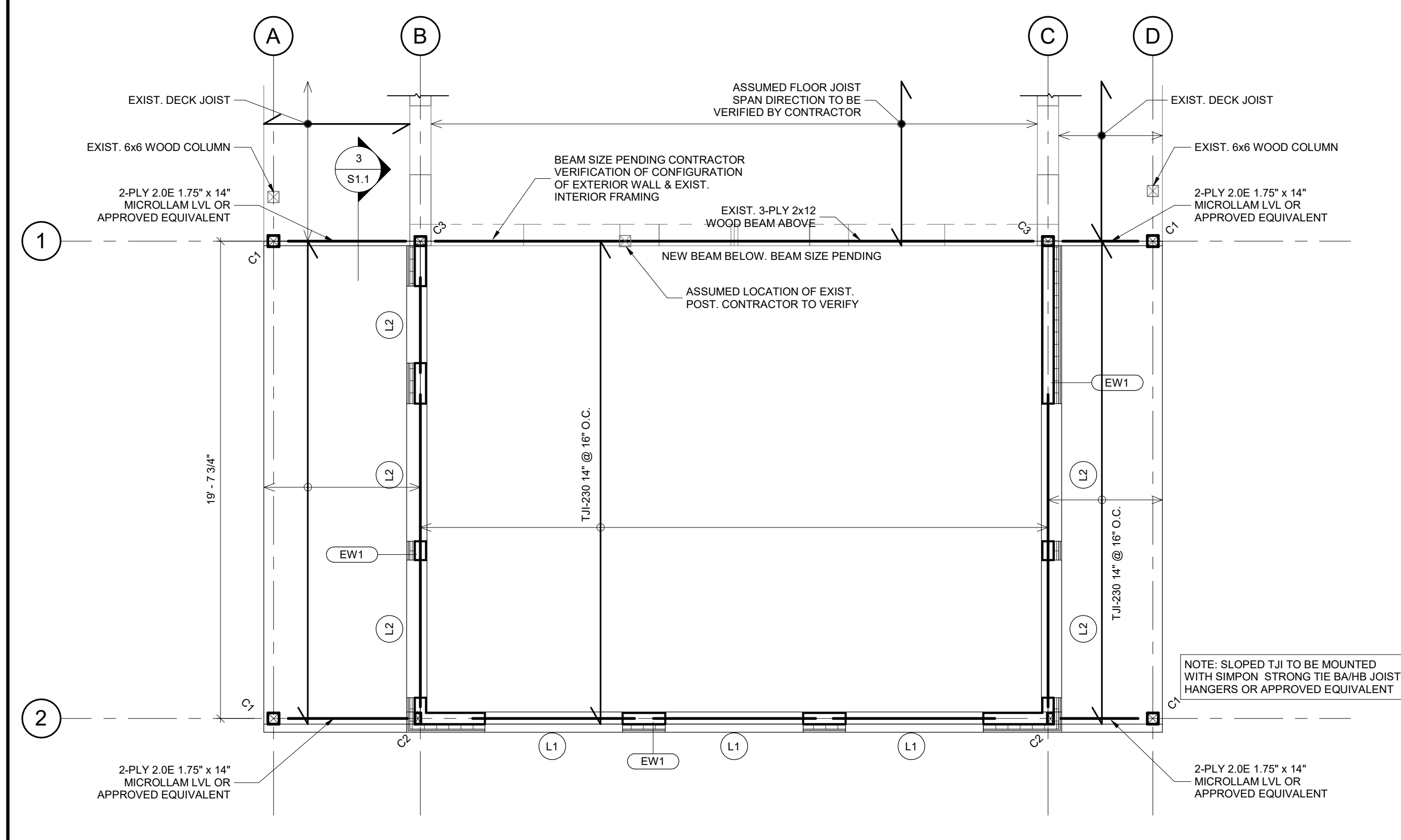
DRAWING
ELEVATIONS & SECTION DETAILS

| | |
|------------------------|--------------------------|
| DESIGNER TGEC / DAW | PROJECT NO. 15894-100 |
| DRAWN TXC | DRAWING NO. |
| DATE AUGUST 2023 | A3.0 |
| SCALE AS NOTED | |



FOUNDATION PLAN

1/4" = 1'-0"



ROOF FRAMING PLAN

1/4" = 1'-0"

DESIGN LOADS

| |
|-------------|
| SNOW LOADS |
| LL = 60 PSF |
| DEAD LOADS |
| DL = 15 PSF |

WALL SCHEDULE

| WALL | THICKNESS | REINFORCING | COMMENTS |
|--------|-----------|-------------|-------------------|
| CONC 8 | 8" | - | (2) 15M CONT. TOP |

COLUMN SCHEDULE

| COLUMN | SIZE |
|--------|----------------------------|
| C1 | 6x6 SOLID SAWN TIMBER POST |
| C2 | 2-2x6 BUILT UP POST |
| C3 | 3-2x6 BUILT UP POST |

LINTEL SCHEDULE

| SIZE | END BEARING |
|-------------------------------|---------------|
| 3-PLY 1 3/4" x 7.25" 2.0E LVL | 2+2K EA. END. |
| 2-PLY 2x8 | 1+2K EA. END. |

FOOTING SCHEDULE

| FOOTING | SIZE | REINFORCING |
|---------|--------|---------------|
| CF1 | 20Ø | - |
| WF1 | 24"x8" | (2) 15M CONT. |

A. GENERAL

1. ALL WORK SHALL CONFORM TO THE ONTARIO BUILDING CODE AND ALL STANDARDS REFERENCED WITHIN LOCAL REGULATIONS AND BYLAWS, AND THE OCCUPATIONAL HEALTH AND SAFETY ACT FOR CONSTRUCTION PROJECTS. THE LATEST VERSIONS OF STANDARDS SHALL APPLY.
2. READ THESE DRAWINGS IN CONJUNCTION WITH ALL RELATED CONTRACT DOCUMENTS AND CONSULTANT DRAWINGS.
3. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS IN RELATION TO THE DRAWINGS AND NOTIFY THE ENGINEER TO ALL DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
4. DRAWINGS ARE NOT TO BE SCALED.
5. THE DESIGN DOCUMENTS ARE PREPARED SOLELY FOR THE USE WITH THE PARTY WHOM THE ENGINEER HAS ENTERED INTO CONTRACT. THERE ARE NO REPRESENTATIONS MADE TO ANY PARTY WITH WHOM THE ENGINEER HAS NOT ENTERED INTO CONTRACT.
6. THE CONTRACTOR SHALL RETAIN AN INDEPENDENT TESTING AND INSPECTION COMPANY TO ENSURE THAT THE WORK IS DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS INCLUDING COMPACTION TESTING, REINFORCING STEEL PLACEMENT, CONCRETE TESTING AND STRUCTURAL STEEL.
7. THE ENGINEER SHALL BE GIVEN MINIMUM 24 HOURS NOTICE BY THE CONTRACTOR FOR ALL CONSTRUCTION REVIEWS. SITE VISITS AND REVIEWS BY THE ENGINEER OR HIS REPRESENTATIVE ARE INTENDED FOR THE SOLE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THE REVIEWS SHALL NOT MEAN THAT THE ENGINEER HAS SEEN ALL CONSTRUCTION PROCEDURES. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR ERRORS AND OMISSIONS AND FOR MEETING ALL THE REQUIREMENTS OF THE CONSTRUCTION AND CONTRACT DOCUMENTS.
8. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION DADS AND TEMPORARY BRACING TO ENSURE SAFETY AND THE BUILDING IS PLUMB AND IN TRUE ALIGNMENT AT ALL PHASES OF CONSTRUCTION AS PER OREG 21091. ALL BRACING MEMBERS SHOWN ON THE DRAWINGS ARE DESIGNED FOR THE FINISHED STRUCTURE AND MAY NOT BE SUFFICIENT FOR ERECTION PURPOSES. SHORING AND BRACING SHALL BE DESIGNED, REVIEWED AND APPROVED BY A PROFESSIONAL ENGINEER. SHOP DRAWINGS SHALL BE SUBMITTED WITH P.E. STAMP FOR OUR REVIEW PRIOR TO CONSTRUCTION.
9. NO SUBSTITUTIONS FROM THE SPECIFIED PRODUCTS AND MATERIALS ARE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER.

TESTING REQUIREMENTS

| TEST | COMMENTS |
|-----------------------------|------------------------------------|
| SOIL BEARING CAPACITY | BY GEOTECH. |
| SOIL COMPACTION | BY GEOTECH. |
| REINFORCING STEEL PLACEMENT | FINAL PLACEMENT |
| CONCRETE COMPRESSIVE TESTS | MIN. 2 SETS PER 100 m ³ |
| CONCRETE SLUMP | |

ALL TESTING TO BE COMPLETED BY A CERTIFIED INDEPENDENT TESTING AND INSPECTION COMPANY. COPIES OF ALL REPORTS ARE TO BE FORWARDED TO THE ENGINEER FOR REVIEW.

B. FOUNDATIONS

1. FOUNDATIONS ARE TO BEAR DIRECTLY ON UNDISTURBED SOIL OR COMPACTED FILL WITH A ASSUMED MINIMUM BEARING CAPACITY OF 150 kPa SLS AND 225 kPa ULS. TBC BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. REMOVE ALL TOP SOIL, ORGANIC MATERIAL, LOOSE FILL AND OTHER DELETERIOUS MATERIAL FROM THE BUILDING AREA PRIOR TO CONSTRUCTION.
3. PROOF ROLL EXISTING FILL MATERIALS. SOFT AREAS UNCOVERED DURING EXCAVATION SHALL BE SUB-EXCAVATED TO SOUND MATERIAL AND REPLACED WITH CLEAN, FREE DRAINING FILL COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
4. COMPACTED FILL BENEATH FOOTINGS AND FLOOR SLABS SHALL BE COMPACTED IN MAXIMUM 150mm (6") LAYERS.
5. PLACE ALL FOOTINGS EXPOSED TO FREEZING WEATHER MINIMUM 1200mm (4'-0") BELOW GRADE UNLESS OTHERWISE PROTECTED. PROTECT SOIL BELOW AND ADJACENT TO ALL FOOTINGS FROM FREEZING DURING CONSTRUCTION.
6. NECESSARY PRECAUTIONS SHALL BE TAKEN TO ENSURE EXISTING FOOTINGS ARE NOT DISTURBED OR UNDERMINED DURING CONSTRUCTION.
7. BACKFILL AGAINST FOUNDATION WALLS IN SUCH A MANNER THAT THE LEVEL OF BACKFILLING ON ONE SIDE OF THE WALL IS NEVER MORE THAN 500mm (20") HIGHER THAN THE LEVEL ON THE LOWER SIDE OF THE WALL EXCEPT WHERE TEMPORARY SUPPORT FOR THE WALL IS PROVIDED OR THE WALLS ARE DESIGNED FOR SUCH UNEVEN PRESSURES.
8. LOCATE ALL PIERS AND FOOTINGS CONCENTRIC UNDER COLUMNS AND WALLS UNLESS OTHERWISE NOTED.
9. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT OCCUR IN CONCRETE WALLS UNLESS APPROVED BY THE ENGINEER.

C. CONCRETE

1. CONCRETE WORK SHALL CONFORM TO THE MOST RECENT VERSION OF CANCSA-A23.1, A23.2 AND A23.3.
2. CONCRETE PROPERTIES: (MINIMUM COMPRESSIVE STRENGTH MEASURED AT 28 DAYS UNLESS NOTED)
 - a. ALL CONCRETE UNLESS NOTED OTHERWISE - 20 MPa
 - b. SEE CHART FOR CONCRETE TYPES

CONCRETE PROPERTIES

| LOCATION | CONCRETE CLASS | 28 DAY COMP. STRENGTH (MPa) | MAX. W/C RATIO | AIR CONTENT (%) | MAX. AGGREGATE (mm) | SLUMP (mm) |
|---|----------------|-----------------------------|----------------|-----------------|---------------------|------------|
| FOOTINGS | N | 20 | NA | NA | 20 | 80 ± 30 |
| CONCRETE IN AN UNSATURATED CONDITION EXPOSED TO FREEZING AND THAWING BUT NOT CHLORIDES (EXTERIOR WALLS AND PIERS) | F-2 | 25 | 0.55 | 4-7 | 20 | 80 ± 30 |
| INTERIOR CONCRETE SLABS | N | 25 | 0.50 | NA | 20 | 80 ± 30 |
| NON-STRUCTURALLY REINFORCED CONCRETE EXPOSED TO CHLORIDES AND FREEZING AND THAWING (SIDEWALKS, EXTERIOR UNREINFORCED SLABS) | C-2 | 32 | 0.45 | 5-8 | 20 | 80 ± 30 |

3. CONCRETE DESIGN IS BASED ON COMPRESSIVE STRENGTH. PHYSICAL PROPERTIES (SLUMP, AGGREGATE SIZE, ETC.) TO SUIT INSTALLATION (BY OTHERS) NOT TO AFFECT STRENGTH SPECIFIED.
4. ALL CONCRETE SHALL BE TESTED BY A CSA CERTIFIED CONCRETE TESTING LABORATORY. CONTRACTOR TO PROVIDE COPIES OF TESTING REPORTS TO THE ENGINEER. NOT LESS THAN ONE TEST SHALL BE MADE FOR EACH 100m³ OF CONCRETE WITH AT LEAST ONE TEST FOR EACH CLASS OF CONCRETE USED. A MINIMUM OF THREE TESTS IS REQUIRED FOR EACH CLASS.
5. SLUMP OF CONCRETE TO BE 80mm +/- 30mm PRIOR TO SUPER PLASTICIZERS BEING ADDED.
6. ALL CONCRETE FORMS ARE TO BE WET THOROUGHLY PRIOR TO PLACING CONCRETE. WATER CURING OF CONCRETE IS RECOMMENDED.
7. DO NOT ADD WATER TO THE CONCRETE.
8. ALL CONCRETE EXCEPT FOR CONCRETE SLABS 150mm (6") OR LESS SHALL BE MECHANICALLY VIBRATED.
9. CONTROL JOINTS IN CONCRETE SLABS ON GRADE ARE TO BE SPACED AT MAXIMUM 30 TIMES THE SLAB THICKNESS NOT TO EXCEED 4500mm (15'-0") AND A DEPTH OF 1/3 THE THICKNESS OF THE SLAB. CUT 50% OF THE REINFORCING STEEL AT CONTROL JOINT LOCATIONS.
10. REINFORCING STEEL SHALL CONFORM TO THE MOST RECENT VERSION OF CANCSA-G30.18. REINFORCING BARS SHALL BE DEFORMED, GRADE 400 MPa.
11. MAINTAIN THE FOLLOWING CONCRETE CLEAR COVER TO REINFORCING:
 - a. 75mm (3") FOR CONCRETE CAST AGAINST EARTH
 - b. 38mm (1 1/2") FOR CONCRETE CAST AGAINST FORMWORK
 - c. 64mm (2 1/2") FOR CONCRETE EXPOSED TO DEICING CHEMICALS
12. ALL REINFORCING STEEL, DOWELS AND ANCHOR BOLTS ARE TO BE CLEAN AND FREE OF RUST, DIRT, FORM RELEASE AGENT, ETC. PRIOR TO POURING CONCRETE.
13. LAP REINFORCING STEEL AS PER REINFORCING STEEL CHART BELOW (MIN). LAP ALL HORIZONTAL BARS AT CORNERS WITH BENT DOWELS MEETING THE MINIMUM LAP REQUIREMENTS IN BOTH DIRECTIONS. SHOP FABRICATE ALL REINFORCING STEEL TO INCLUDE HOOKS AND BENDS.
14. REINFORCING STEEL, DOWELS AND ANCHOR BOLTS ARE TO BE SECURELY TIED PRIOR TO PLACING CONCRETE. REINFORCING STEEL CHAIRS AND SUPPORTS SHALL BE MADE OF CONCRETE BLOCKS, PLASTIC OR WIRE.
15. DOWELS SHALL MATCH REINFORCING UNLESS NOTED OTHERWISE.
16. INSTALLATION OF ALL PROPRIETARY ANCHORS IS TO BE COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS. SPECIALIZED TRAINING MAY BE REQUIRED DEPENDING ON THE PRODUCT. CONTRACTOR IS TO CONTACT THE MANUFACTURER/SUPPLIER TO ARRANGE THE REQUIRED TRAINING.

REINFORCING STEEL MINIMUM LAP LENGTHS

| BAR SIZE | TENSION SPLICE | | COMPRESSION EMBEDMENT | | REINFORCED MASONRY | |
|----------|----------------|------------|-----------------------|------------|--------------------|------------|
| | 20 MPa | 25 MPa | 20 MPa | 25 MPa | 20 MPa | 25 MPa |
| 10M | 400 (16") | 400 (16") | 450 (18") | 450 (18") | 500 (20") | 500 (20") |
| 15M | 600 (24") | 600 (24") | 600 (24") | 650 (26") | 750 (30") | 750 (30") |
| 20M | 800 (32") | 800 (32") | 800 (32") | 900 (36") | 900 (36") | 900 (36") |
| 25M | 1200 (48") | 1100 (44") | 1000 (40") | 1370 (54") | 1370 (54") | 1370 (54") |
| 30M | 1400 (56") | 1300 (52") | 1200 (48") | 1600 (64") | N/A | N/A |
| 35M | 1650 (65") | 1500 (60") | 1400 (56") | 1850 (74") | N/A | N/A |

NOTE: FOR SPICE, SPLICE LENGTH SHALL BE MORE THAN 300mm (12") OF FRESH CONCRETE IS CAST BELOW THE SPLICE.

D. LUMBER

1. WOOD FRAMING DESIGN AND CONSTRUCTION SHALL CONFORM TO THE MOST RECENT VERSIONS OF CSA O86.
2. SAWN LUMBER SHALL CONFORM TO THE MOST RECENT VERSION OF CSA STANDARD O141 AND BE SPF GRADE NO. 2 OR BETTER.
3. STRUCTURAL COMPOSITE LUMBER SHALL BE:
 - a. LAMINATED STRAND LUMBER (LSL) - TIMBERSTRAND GRADE 1.5SE AS MANUFACTURED BY WEYERHAEUSER OR APPROVED EQUAL
 - b. LAMINATED VENEER LUMBER (LVL) - MICROLAM GRADE 1.9E AS MANUFACTURED BY WEYERHAEUSER OR APPROVED EQUAL
 - c. PARALLEL STRAND LUMBER (PSL) - PARALLAM GRADE 2.9E AS MANUFACTURED BY WEYERHAEUSER OR APPROVED EQUAL
4. NAILS SHALL CONFORM TO STEEL WIRE NAILS AND SPIKES AS DEFINED IN CSA B111 UNLESS NOTED OTHERWISE.
5. PROVIDE SOLID HORIZONTAL BLOCKING AT 1200mm (48") O.C. IN THE FIRST TWO JOIST SPACES ADJACENT TO THE EXTERIOR WALLS. BRIDGING SHALL BE ATTACHED TO THE EXTERIOR WALL TO PROVIDE LATERAL STABILITY.
6. ALL NAILS AND FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD ARE TO BE HOT DIP GALVANIZED OR STAINLESS STEEL.
7. ALL STUD WALLS TO BE ANCHORED TO THE FOUNDATION WALL OR FLOOR SLAB WITH 1/2" DIAMETER ANCHORS @ 800mm (32") O.C. ANCHOR BOLTS SHALL BE PLACED WITHIN 400mm (16") OF THE EXTERIOR EDGE OF ALL STUD WALLS.

NAILING REQUIREMENTS

| MEMBER CONNECTION | NAIL LENGTH | NUMBER OF NAILS |
|--------------------------------------|------------------|----------------------------------|
| STUD TO WALL PLATE | 82mm (3 1/4") | 2 |
| BOTTOM WALL PLATE TO FLOOR JOISTS | 82mm (3 1/4") | 400mm (16") O.C. |
| BUILT-UP LINTELS | 82mm (3 1/4") | 300mm x 64mm (12"x3") O.C. |
| KING/JACK POSTS & COLUMNS | 82mm (3 1/4") | 2 @ 300mm (12") O.C. |
| FLOOR/CEILING JOIST TO TOP PLATE | 82mm (3 1/4") | 2 |
| ROOF RAFTER TO TOP PLATE | 82mm (3 1/4") | 3 |
| LINTEL TO KING POST | 82mm (3 1/4") | 50mm (2") O.C. |
| ROOF RAFTER TO RIDGE BEAM | 82mm (3 1/4") | 3 |
| COLLAR TIE TO ROOF RAFTER | 82mm (3 1/4") | 3 |
| WALL SHEATHING -PERIMETER -INTERIOR | 50mm (2") | 150mm (6") O.C. 300mm (12") O.C. |
| ROOF SHEATHING -PERIMETER -INTERIOR | 50mm (2") | 150mm (6") O.C. 300mm (12") O.C. |
| FLOOR SHEATHING -PERIMETER -INTERIOR | 50mm (2") SCREWS | 150mm (6") O.C. 300mm (12") O.C. |

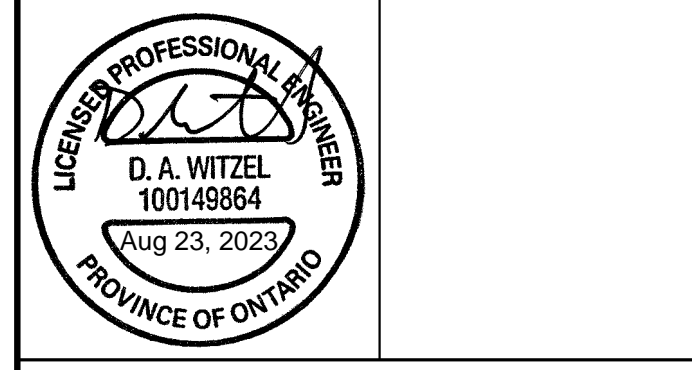
SHOP DRAWINGS REQUIRED

| NAME | P.ENG. STAMP | MINIMUM CERTIFICATION REQUIREMENTS: |
|---------------------|--------------|--|
| CONCRETE MIX DESIGN | NO | |
| REBAR | NO | |
| ENGINEERED LUMBER | YES | LAYOUT, BRIDGING, BLOCKING AND BEARING DETAILS |

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO ISSUING TO THE ENGINEER FOR REVIEW.

| NO. | DATE | REVISION |
|-----|------------|-----------|
| 2 | 2023.08.23 | RE-ISSUED |
| 1 | 2023.08.11 | ISSUED |

WitzelDyce ENGINEERING INC.
 826 King Street North, Unit 20
 Waterloo, Ontario, N2J 4G8
 www.witzeldyce.com



PROJECT
300 JOSEPH SCHOERG ADDITION

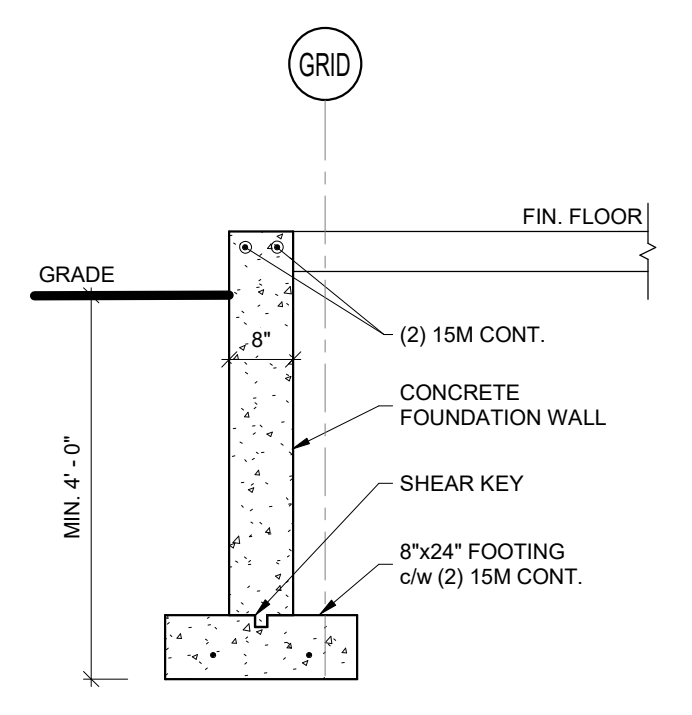
300 JOSEPH SCHOERG CRES. KITCHENER, ON

DRAWING
FOUNDATION, FRAMING PLAN & GENERAL NOTES

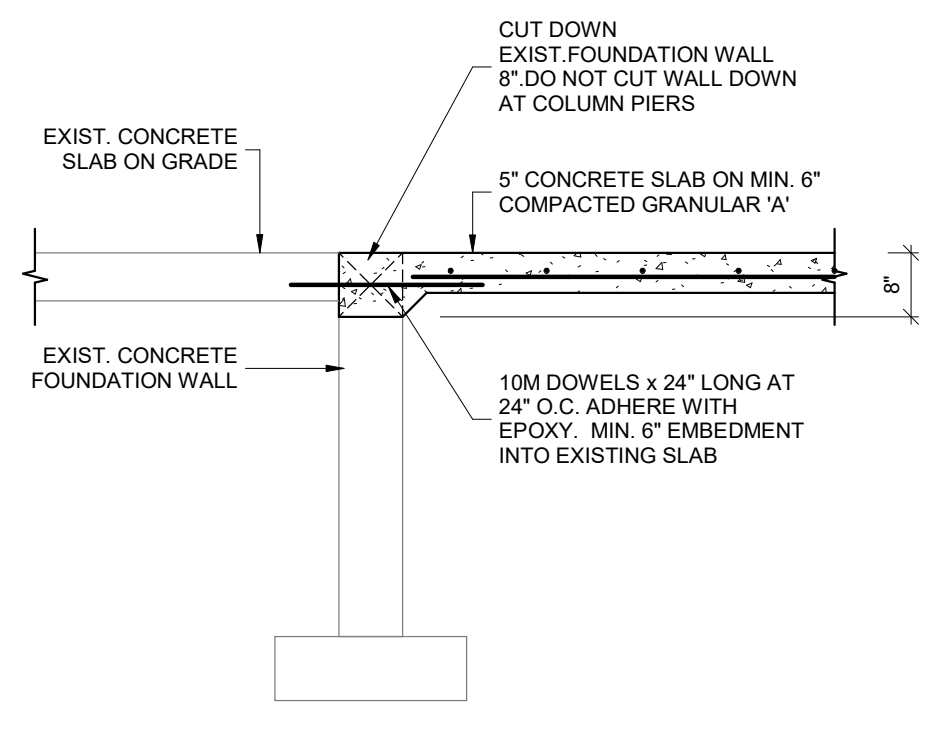
| DESIGNER | PROJECT NO. |
|------------|-------------|
| TGEC / DAW | 15894-100 |
| DRAWN | DRAWING NO. |
| TXC | |
| DATE | AUGUST 2023 |
| SCALE | AS NOTED |

S1.0

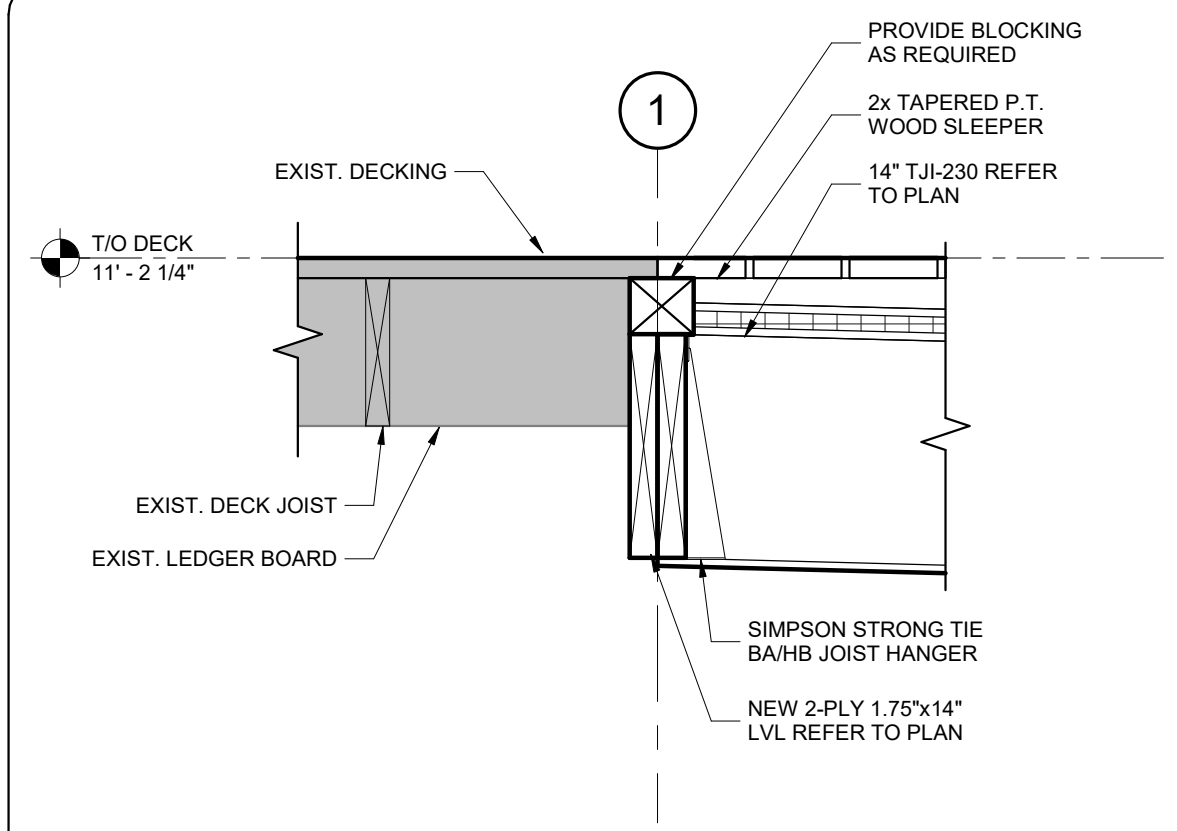
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1
S1.1 Detail
FOUNDATION WALL (EXTERIOR - 8")
1/2" = 1'-0"



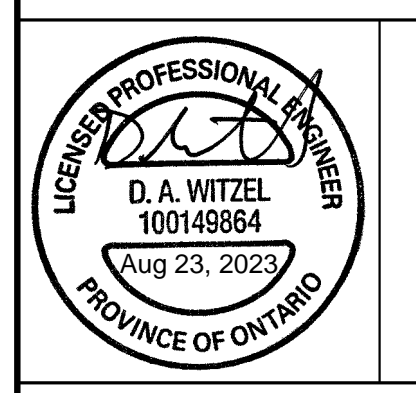
2
S1.1 DETAIL
FLOOR SLAB AT EXIST. FOUNDATION WALL
1/2" = 1'-0"



3
S1.1 SECTION
DECK FRAMING NEW TO EXIST.
1" = 1'-0"

| NO. | DATE | REVISION |
|-----|------------|-----------|
| 2 | 2023.08.23 | RE-ISSUED |
| 1 | 2023.08.11 | ISSUED |

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PROJECT
300 JOSEPH SCHOERG ADDITION
300 JOSEPH SCHOERG CRES. KITCHENER, ON

DRAWING
SECTION DETAILS

| | |
|------------------------|----------------------------|
| DESIGNER TGEC / DAW | PROJECT NO. 15894-100 |
| DRAWN TXC | DRAWING NO. S1.1 |
| DATE AUGUST 2023 | |
| SCALE AS NOTED | |