QUASIUS CONSTRUCTION

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

SHEET INDEX

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EXISTING PROJECT CONDITIONS

INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON PROJECT DRAWINGS. THIS INFORMATION IS BASED ON AVAILABLE RECORDS AS WELL AS INFORMATION COLLECTED WITH REASONABLE CARE AT THE PROJECT SITE. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR VERIFYING DIMENSIONS AND RELATED INFORMATION AT THE PROJECT SITE PRIOR TO PROCURING ANY MATERIALS, PRODUCTS OR EQUIPMENT TO PERFORM THEIR WORK.

CIVIL	STRUCTURAL	ARCHITECTURAL

GRAEF

275 West Wisconsin Avenue,
Suite 300
Milwaukee, WI 53203
414 / 259 1500

www.graef-usa.com

CLIENT:

QUASIUS CONSTRUCTION CO. SHEBOYGAN, WI

PROJECT TITLE:

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:

PROJECT NUMBER:	2025-0141.00
DATE:	10/01/2025
DRAWN BY:	RMG
CHECKED BY:	EJ
APPROVED BY:	EJ
SCALE:	AS NOTED

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

G-001

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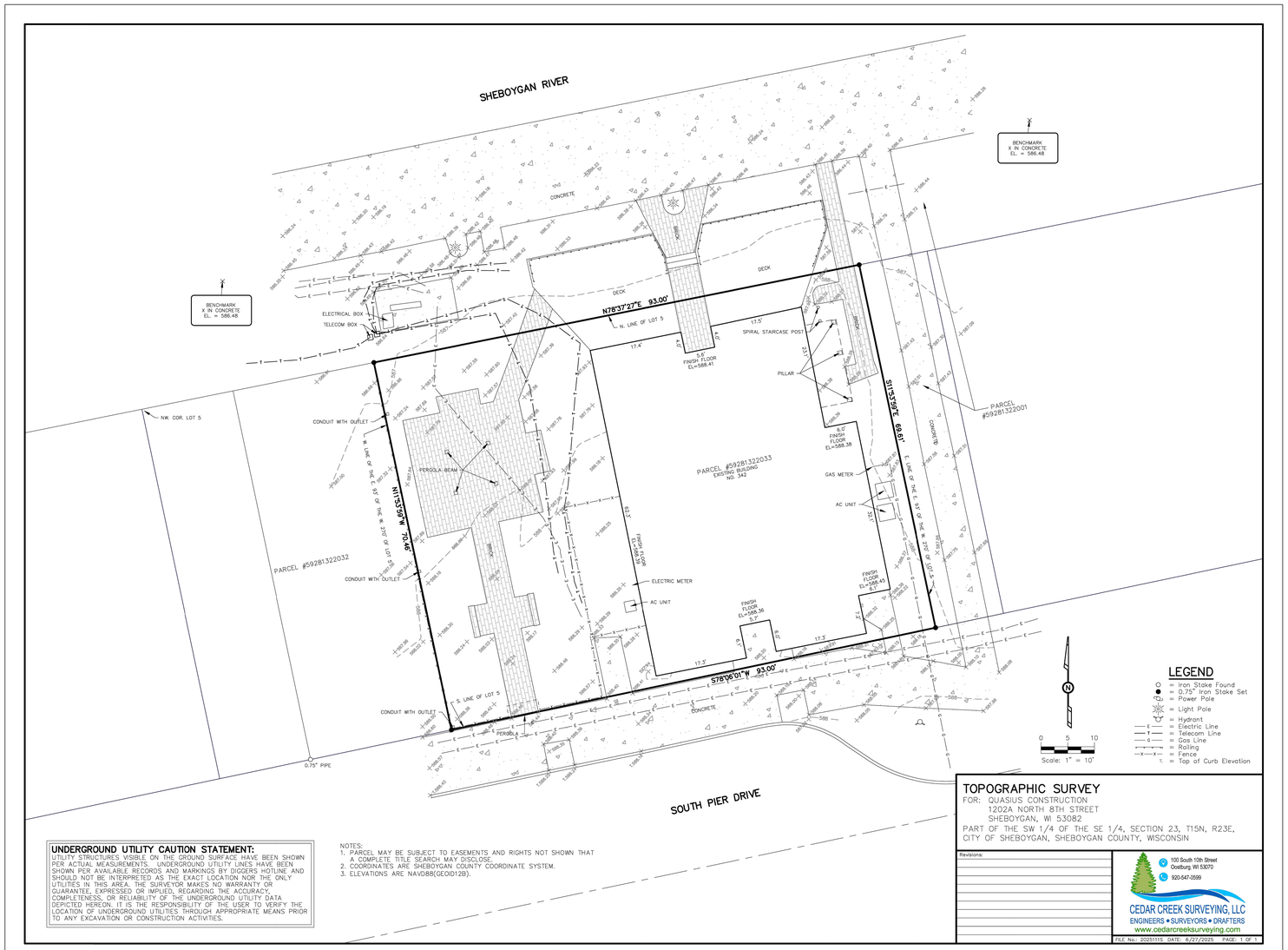

UNDERGROUND UTILITY CAUTION STATEMENT:
UTILITY STRUCTURES VISIBLE ON THE GROUND SURFACE HAVE BEEN SHOWN PER ACTUAL MEASUREMENTS. UNDERGROUND UTILITY LINES HAVE BEEN SHOWN PER AVAILABLE RECORDS AND MARKINGS BY DIGGERS HOTLINE AND SHOULD NOT BE INTERPRETED AS THE EXACT LOCATION NOR THE ONLY UTILITIES IN THIS AREA. THE SURVEYOR MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY, COMPLETENESS, OR RELIABILITY OF THE UNDERGROUND UTILITY DATA DEPICTED HEREON. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES THROUGH APPROPRIATE MEANS PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.

NOTES:
1. PARCEL MAY BE SUBJECT TO EASEMENTS AND RIGHTS NOT SHOWN THAT A COMPLETE TITLE SEARCH MAY DISCLOSE.
2. COORDINATES ARE SHEBOYGAN COUNTY COORDINATE SYSTEM.
3. ELEVATIONS ARE NAVD88(GEOID12B).

TOPOGRAPHIC SURVEY

FOR: QUASIUS CONSTRUCTION
1202A NORTH 8TH STREET
SHEBOYGAN, WI 53082

PART OF THE SW 1/4 OF THE SE 1/4, SECTION 23, T15N, R23E, CITY OF SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN

Revisions:

CEDAR CREEK SURVEYING, LLC
ENGINEERS • SURVEYORS • DRAFTERS
100 South 10th Street
Oostburg, WI 53070
920-547-0599
www.cedarcreeksurveying.com

FILE No.: 20251115 DATE: 6/27/2025 PAGE: 1 OF 1

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

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ISSUE:
NO. DATE REVISIONS BY

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CHECKED BY:	PMC
APPROVED BY:	SJF
SCALE:	AS SHOWN

SHEET TITLE:
EXISTING CONDITIONS

SHEET NUMBER:
C-100

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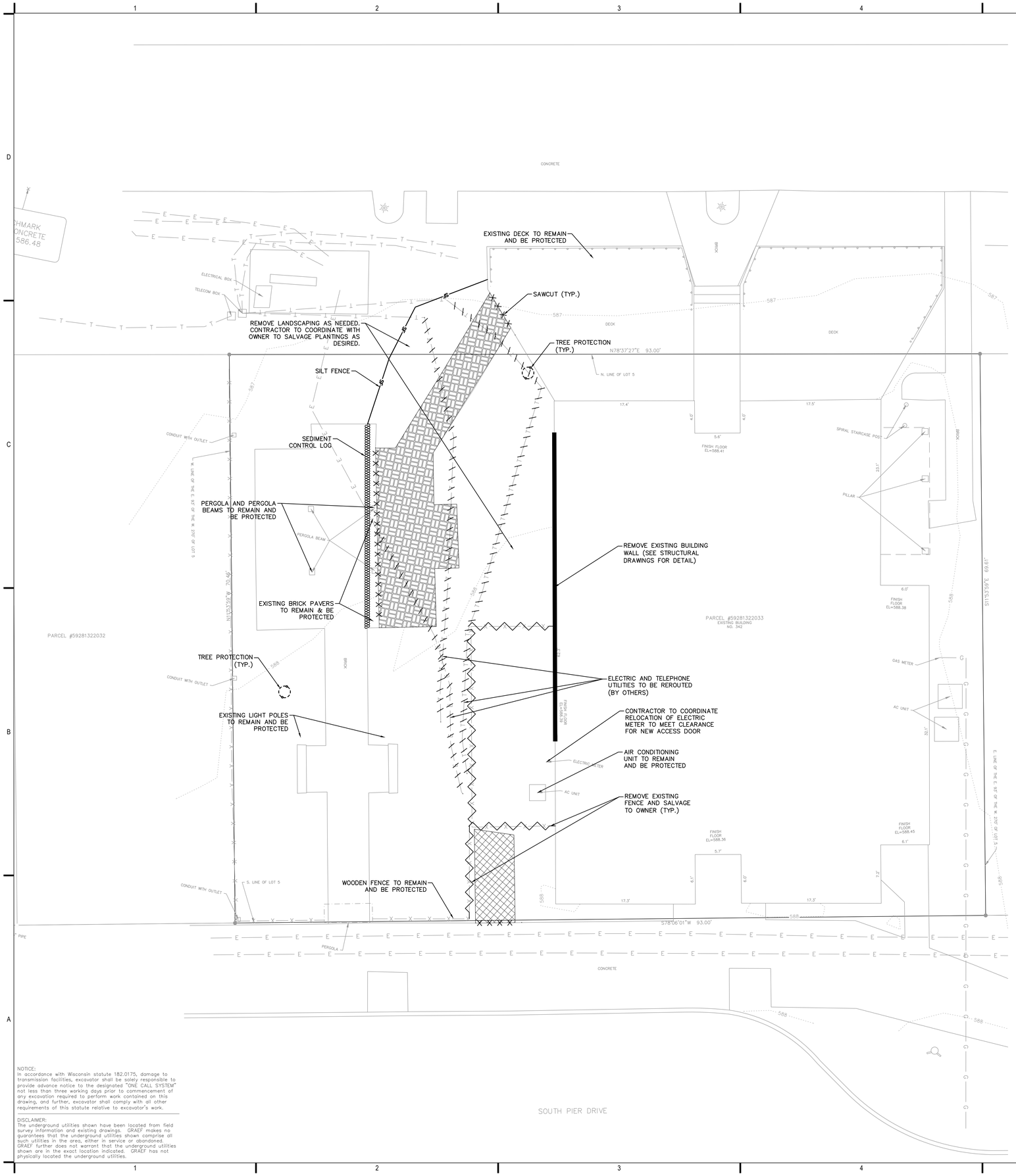

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EROSION CONTROL NOTES

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF SHEBOYGAN, AND SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. REPAIRS AND MAINTENANCE SHALL BE COMPLETED WITHIN 24 HOURS OF INSPECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
4. SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
5. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
6. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
7. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES. NOTIFY CITY OF SHEBOYGAN OF ANY NEW STOCKPILE LOCATIONS.
8. CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
   1. INSTALL SILT FENCE.
   2. STRIP TOPSOIL FROM SITE.
   3. PERFORM DEMOLITION AND EXCAVATION WORK FOR SITE & EXISTING BUILDING.
   4. INSTALL SITE UTILITIES.
   5. CONSTRUCT BUILDING IMPROVEMENTS.
   6. PERFORM SITE WORK PER PLAN.
   7. INSTALL LANDSCAPING ON COMPLETED SITE WITHIN 7 DAYS OF COMPLETING CONSTRUCTION.
   8. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
9. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
10. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF–SITE BY RUNOFF OR WIND.
11. TRACKING. PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
12. SEDIMENT CLEANUP. ALL OFF–SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF–SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE THE WORK DAY.
13. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING, AND MULCHING SODDING, COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
14. PERMANENT SEEDING SHALL BE ESTABLISHED NO LATER THAN SEPTEMBER 15TH. IF PERMANENT SEEDING IS NOT ESTABLISHED, TEMPORARY SEEDING SHALL BE ESTABLISHED NO LATER THAN OCTOBER 15TH. ALL SEEDED AREAS MUST BE MULCHED AT A RATE OF 1.5 TO 2 TONS PER ACRE AND ANCHORED BY EITHER CRIMPING OR BY APPLYING A TACKIFIER.
15. PERMANENT SEED MIX SHALL BE WISDOT SEED MIX NO. 40 AT 7 POUNDS PER 1000 SQUARE FEET.
16. USE ANNUAL RYE SEED MIX AT 100 POUNDS PER ACRE AS A TEMPORARY SEED MIX. PERMANENT SEEDING SHALL FOLLOW WITHIN ONE YEAR. IF TEMPORARY SEEDING IS NOT ESTABLISHED BY OCTOBER 15TH, USE CLASS I TYPE B MATTING ON ALL SLOPES 4:1 OR STEEPER.
17. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY–FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILE. IF REMAINING FOR MORE THAN THIRTY DAYS. PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS.
18. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED.
19. NOTIFY THE CITY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
20. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
21. OBTAIN PERMISSION IN WRITING FROM THE CITY OF SHEBOYGAN ENGINEERING DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN.
22. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
23. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.

0 2.5' 5' 10'
SCALE: 1" = 5'

LEGEND

- BRICK PAVER REMOVAL
- CONCRETE REMOVAL
- SAWCUT
- FENCE REMOVAL
- WALL REMOVAL
- SILT FENCE (01 / C900)
- SEDIMENT CONTROL LOG (03 / C900)
- TREE PROTECTION (02 / C900)

GENERAL NOTES

1. THE BASE SURVEY WAS PREPARED BY CEDAR CREEK SURVEYING, LLC IN 2025. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THERETO.
2. REFER TO SHEET C100 FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
3. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS PLAN SHALL BE VERIFIED BEFORE BEING UTILIZED. GRAEF DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
4. CONTRACTOR SHALL VERIFY LOCATION OF WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.
5. BEFORE EXCAVATION, THE APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE.
6. THE CITY OF SHEBOYGAN AND GRAEF SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION.
7. GRAEF SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

REMOVAL NOTES

1. EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AND DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LINES NOTED FOR ABANDONMENT OR REMOVAL. EXISTING UTILITIES THAT ARE TO BE ABANDONED OR REMOVED SHALL BE RESPECTIVELY ABANDONED OR REMOVED TO THE LOCATIONS INDICATED ON THIS PLAN. ALL UTILITY STRUCTURES LOCATED ALONG REMOVED UTILITY LINES SHALL BE REMOVED IN THEIR ENTIRETY.
3. BRICK PAVERS NOTED FOR REMOVAL SHALL BE REMOVED AT THE NEAREST JOINT.
4. ITEMS SCHEDULED FOR REMOVAL AND EXCESS EXCAVATED MATERIALS SHALL BE DISPOSED OF OFF–SITE IN ACCORDANCE WITH ANY APPLICABLE REGULATIONS.
5. CONTRACTOR IS RESPONSIBLE FOR SECURING THE JOB SITE TO PROTECT THE PUBLIC.
6. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL, GAS, CATV, AND COMMUNICATION UTILITY OWNERS PRIOR TO REMOVAL AND/OR ABANDONMENT OF THEIR RESPECTIVE SERVICES. REMOVAL OF TELECOMMUNICATIONS AND ELECTRICAL SERVICES SHALL BE COORDINATED WITH THE ELECTRICAL AND LOW VOLTAGE ENGINEER'S DOCUMENTS.
7. CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES, RULES AND REGULATIONS APPLICABLE TO DEMOLITION WORK INCLUDING BUT NOT LIMITED TO EROSION CONTROL, AIR POLLUTION, NOISE POLLUTION, AND WASTE DISPOSAL.
8. CONTRACTOR SHALL REPLACE PAVEMENT, CURB AND GUTTER, TREES, LAWN AREA, ANY ABOVE GROUND APPURTENANCES, OR ANY OTHER ITEM THAT WAS DAMAGED AS A RESULT OF CONSTRUCTION RELATED ACTIVITIES AS DEEMED BY OWNER'S REPRESENTATIVE THAT WAS NOT CALLED OUT FOR REMOVAL OR REPLACEMENT. CONTRACTOR SHALL REPLACE/REPAIR DAMAGED ITEM TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
9. TREE PROTECTION FENCING LOCATIONS SHOWN ARE APPROXIMATE. ALL EXISTING TREES OUTSIDE OF GRADING LIMITS ARE INTENDED TO REMAIN. FINAL LOCATIONS OF FENCING SHALL BE DETERMINED IN THE FIELD AND AS IDENTIFIED ON CONSTRUCTION DETAILS. ADDITIONAL FENCING MAY BE REQUIRED. COORDINATE WITH OWNER'S REPRESENTATIVE. TREE PROTECTION FENCE SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.

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Suite 300
Milwaukee, WI 53203-3318
414 / 259 1500

CONSULTANTS:

PROJECT TITLE:
EB FLO COFFEE HOUSE

340 S PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

NO.	DATE	REVISIONS	BY

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

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DATE:	10/01/2025
DRAWN BY:	BWK
CHECKED BY:	PMC
APPROVED BY:	SJF
SCALE:	AS SHOWN

SHEET TITLE:
DEMOLITION AND EROSION CONTROL PLAN

SHEET NUMBER:
C-200

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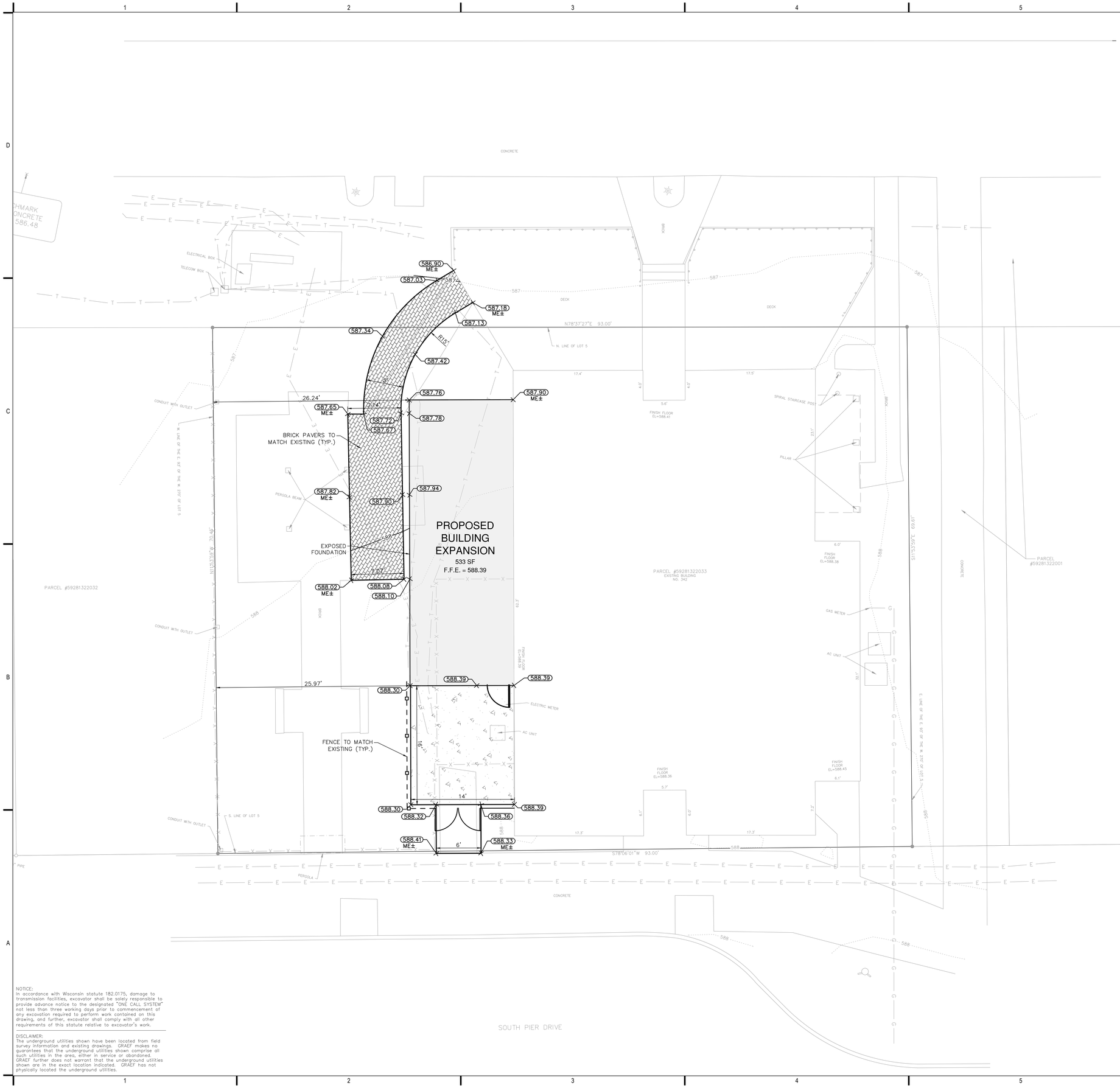

SCALE: 1" = 5'

LAYOUT LEGEND

–BRICK PAVERS, MATCH EXISTING TYPE, CROSS–SECTION, AND ORIENTATION

GRADING LEGEND

–EXISTING CONTOUR

–PROPOSED CONTOUR

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2. REFER TO SHEET C100 FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
3. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS PLAN SHALL BE VERIFIED BEFORE BEING UTILIZED. GRAEF DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
4. CONTRACTOR SHALL VERIFY LOCATION OF WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.
5. BEFORE EXCAVATION, THE APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE.
6. THE CITY OF SHEBOYGAN AND GRAEF SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION.
7. GRAEF SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

LAYOUT NOTES

1. THE BUILDING OUTLINES SHOWN ARE FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR STAKING PURPOSES. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND STRUCTURAL ENGINEER ON THE STAKING OF THE BUILDING.
2. ALL DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB WHERE CONCRETE CURB IS SHOWN.
3. COORDINATE WITH OWNER FOR SITE RESTORATION INFORMATION AND DETAILS.
4. SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PROPOSED IMPROVEMENTS MEET EXISTING PAVEMENT, CURB, AND SIDEWALKS. REVIEW ANY REQUIRED CHANGES WITH THE ENGINEER PRIOR TO CONSTRUCTION OF WORK.

GRADING NOTES

1. ADA REGULATIONS FOR A NON–RAMP ACCESSIBLE ROUTE REQUIRE A MAXIMUM SLOPE OF 1:20 (5%) ALONG THE LENGTH OF THE ROUTE AND A MAXIMUM CROSS SLOPE OF 1:48 (2.08%) ACROSS THE WIDTH OF THE ROUTE.
2. ADA REGULATIONS FOR ACCESSIBLE PARKING, ACCESS AISLES, AND PASSENGER LOADING ZONES REQUIRES A MAXIMUM SLOPE OF 1:48 (2.08%) ALONG THE LENGTH OF ACCESSIBLE ZONE AND 1:48 (2.08%) ACROSS THE WIDTH OF THE ACCESSIBLE ZONE.
3. ACCESSIBLE AREAS DESCRIBED ABOVE SHALL BE MEASURED IN ACCORDANCE WITH THE US ACCESS BOARD REPORT "DIMENSIONAL TOLERANCES IN CONSTRUCTION AND FOR SURFACE ACCESSIBILITY"PART II, SECTION 4, 1.1 MEASUREMENT PROTOCOLS.
4. PROPOSED SPOT ELEVATIONS PROVIDED REPRESENT THE ELEVATION OF THE FINAL FINISHED SURFACE IN ORDER TO CONVEY SURFACE DRAINAGE. DISCREPANCIES SHALL BE REPORTED TO GRAEF PRIOR TO COMMENCEMENT OF FINAL SURFACE INSTALLATION ACTIVITIES.
5. ADJUSTMENTS TO PROPOSED ELEVATIONS AT GRADING LIMITS MAY BE REQUIRED TO ACCOMMODATE EXISTING CONDITIONS IF THE EXISTING CONDITIONS DIFFER FROM THE TOPOGRAPHIC SURVEY. DISCREPANCIES SHALL BE REPORTED TO GRAEF PRIOR TO COMMENCEMENT OF FINAL GRADING ACTIVITIES.
6. DETAILED SPOT ELEVATIONS AND CONTOURS ARE PROVIDED FOR DESIGN DIRECTION. IN AREAS THAT CONTAIN SPOT ELEVATIONS, ELEVATIONS SUPERCEDE CONTOURS FOR DESIGN DIRECTION. AREAS WITHOUT SPOT ELEVATIONS SHALL BE GRADED IN ACCORDANCE WITH THE PROVIDED CONTOURS.
7. CONTRACTOR SHALL CONTACT "DIG SAFE" AND/OR HIRE A PRIVATE LOCATING COMPANY FOR LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES AND SHALL BE RESPONSIBLE FOR PROTECTING SAID UTILITIES TO REMAIN FROM ANY DAMAGE DURING CONSTRUCTION.
8. CONTRACTOR SHALL PROVIDE NOTICE TO THE MUNICIPALITY IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
9. ALL SLOPES 20% OR GREATER SHALL BE TEMPORARY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE.
10. ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 DAYS AN REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059.

UTILITY NOTES

1. CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING INVERTS PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
2. GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL GAS, TELEPHONE, AND ELECTRICAL UTILITIES FOR EXACT LOCATION, SIZE AND DEPTH OF NEW SERVICE.
3. CRUSHED STONE BACKFILL SHALL BE USED UNDER AND WITHIN 5' OF ALL PAVED AREAS.

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SHEET TITLE:
SITE DEVELOPMENT PLAN

SHEET NUMBER:
C-300

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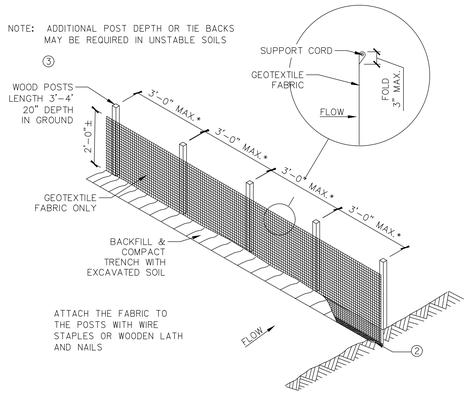
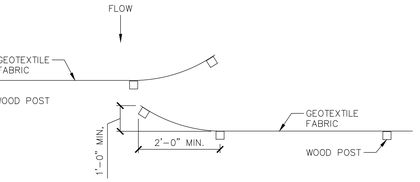
④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

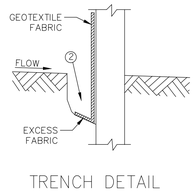


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

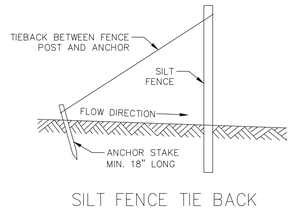


HOOK METHOD

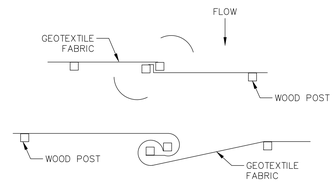
JOINING TWO LENGTHS OF SILT FENCE ⑤



TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)

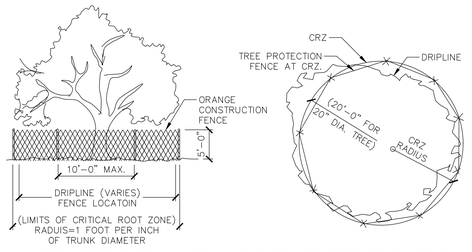


TWIST METHOD

1 SILT FENCE

01 SILT FENCE

SCALE N.T.S.

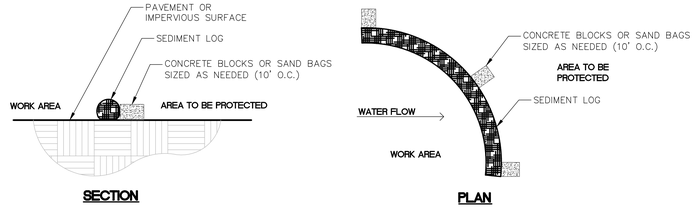


TREE PROTECTION FENCE – ORANGE CONSTRUCTION FENCE

1. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS, SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING.
2. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR GRADING).
3. EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP WITHIN TREE DRIPLINES.
4. FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTERS OF TREES, LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIPLINE) OR CRITICAL ROOT ZONE (CRZ), WHICHEVER IS GREATER; AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT.
5. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL AND BACKFILLED WITH GOOD QUALITY TOP SOIL WITHIN TWO DAYS. IF EXPOSED ROOT AREAS CANNOT BE BACKFILLED WITHIN 2 DAYS, AN ORGANIC MATERIAL WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION SHALL BE PLACED TO COVER THE ROOTS UNTIL BACKFILL CAN OCCUR.
6. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINES, A CLEAN CUT SHALL BE MADE WITH A ROCK SAW OR SIMILAR EQUIPMENT, TO MINIMIZE DAMAGE TO REMAINING ROOTS.
7. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRIPLINE OR CRZ OF TREES, WHICHEVER IS GREATER. NO TOPSOIL IS PERMITTED ON ROOT FLARES OF ANY TREE.
8. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND CONSTRUCTION EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS. ALL PRUNING MUST BE DONE AS OUTLINED IN LITERATURE PROVIDED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA PRUNING TECHNIQUES).

02 TREE PROTECTION DETAIL

SCALE N.T.S.



SECTION **PLAN**

NOTES:

1. SEDIMENT LOGS SHALL BE FABRICATED FROM COMPACTED GEOTEXTILES, WOOD EXCELSIOR, COCONUT FIBERS, HARDWOOD MULCH, OR A MIXTURE OF THESE MATERIALS WITHIN FLEXIBLE TUBULAR NETTING.

03 SEDIMENT LOG FOR SEDIMENT CONTROL ON PAVEMENT

SCALE N.T.S.

SPECIFICATION NOTES

1. PERFORM WORK IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, MOST CURRENT EDITION, HEREIN REFERRED TO AS THE "STATE SPECIFICATIONS".
2. PERFORM WORK IN ACCORDANCE WITH "STATE SPECIFICATIONS", SECTION 628 FOR EROSION CONTROL STANDARDS.
3. ALL EROSION CONTROL PRODUCTS FURNISHED AND INSTALLED SHALL BE AS SPECIFIED AND IN COMPLIANCE WITH THE MOST CURRENT EDITION OF THE WISDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST.
4. PERFORM WORK IN ACCORDANCE WITH THE "STATE SPECIFICATIONS", SECTION 211 FOR PREPARING SUBGRADE AND BASE COURSE LEVELS.
5. PERFORM WORK IN ACCORDANCE WITH THE "STATE SPECIFICATIONS", SECTIONS 301, 305, AND ALL SUPPLEMENTAL SECTIONS FOR SITE AGGREGATES. AGGREGATE SHALL MEET WSDOT 3/4" GRADATION STANDARDS FOR ALL SITE PAVEMENTS.
6. PERFORM WORK IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF BRICK PAVERS.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

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Suite 300
Milwaukee, WI 53203-3318
414 / 259 1500

CONSULTANTS:

PROJECT TITLE:
EB FLO COFFEE HOUSE

340 S PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

NO.	DATE	REVISIONS	BY

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:

PROJECT NUMBER:	2025-0141
DATE:	10/01/2025
DRAWN BY:	BWK
CHECKED BY:	PMC
APPROVED BY:	SJF
SCALE:	AS SHOWN

SHEET TITLE:
CONSTRUCTION NOTES AND DETAILS

SHEET NUMBER:
C-900

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DESIGN SPECIFICATIONS

1. DESIGN IS IN ACCORDANCE WITH THE STATE OF WISCONSIN AND THE 2015 INTERNATIONAL BUILDING CODE.
2. CONCRETE MATERIAL STRENGTHS:
   A. MINIMUM 28 DAY CONCRETE CYLINDER STRENGTH SHALL BE:

FOOTINGS	3000 PSI
FOUNDATION WALLS	4000 PSI
SLABS ON GRADE	4000 PSI

   B. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
   C. EPOXY COATED REINFORCING STEEL SHALL CONFORM TO ASTM A775 GRADE 60.
   D. SYNTHETIC FIBER REINFORCEMENT SHALL CONFORM TO ASTM C1116.
3. POST-INSTALLED ANCHORS MATERIAL STRENGTHS:
   A. EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT 3.
   B. ADHESIVE ANCHORS SHALL BE HILTI HIT-HY 200.
   C. SLEEVE ANCHORS SHALL BE HILTI HLC.
   D. SCREW ANCHORS SHALL BE HILTI KWIK HUS.
4. WOOD MATERIAL STRENGTHS:
   A. STRUCTURAL WOOD FRAMING SHALL CONFORM TO NFPA NATIONAL DESIGN SPECIFICATIONS (OR MEET ALL THE MINIMUM PUBLISHED VALUES) AS FOLLOWS:

LOCATION:	SPECIES:	GRADE:
TOP AND BOTTOM PLATES:	SPF	No. 2 OR BETTER
STUDS, CAPS AND SILLS:	SPF	No. 2 OR BETTER
BEAMS AND HEADERS:	SPF	No. 2 OR BETTER

5. LAMINATED VENEER LUMBER (LVL) SHALL MEET THE FOLLOWING MINIMUM DESIGN VALUES:

   E = 2.0 x 10^6 PSI
   F_b = 2,600 PSI
   F_{cp} = 2,510 PSI
   F_v = 285 PSI

6. PARALLEL STRAND LUMBER (PSL) SHALL MEET THE FOLLOWING MINIMUM DESIGN VALUES:

   COLUMNS AND POSTS:
   E = 1.8 x 10^6 PSI
   F_b = 2,400 PSI
   F_c = 2,500 PSI
   F_{cp} = 545 PSI
   F_v = 190 PSI

7. ASSUMED BEARING CAPACITY FOR SPREAD FOOTINGS IS 1500 PSF.
   DESIGN LOADS:

   FLOOR LIVE LOAD
   PUBLIC ROOMS AND CORRIDORS SERVING THEM 100 PSF

   FOR FLOOR LIVE LOAD < 80 PSF, A 15 PSF PROVISION FOR PARTITIONS HAS BEEN INCLUDED.

   ROOF LIVE LOAD
   MINIMUM ROOF LIVE LOAD 20 PSF

   LIVE LOAD REDUCTION
   LIVE LOAD REDUCTION PER IBC 2015 SECTION 1607.10 IS INCLUDED.

   ROOF SNOW LOAD

RISK CATEGORY	II
IMPORTANCE FACTOR	I_s = 1.0
GROUND SNOW LOAD	P_g = 35.0 PSF
FLAT ROOF SNOW LOAD	P_f = 18.0 PSF
EXPOSURE FACTOR	C_e = 0.8
THERMAL FACTOR	C_t = 1.0

   REFER TO TABLE ON SHEET S-002 FOR SNOW DRIFT SURCHARGE LOADS (P_D) AND WIDTHS OF SNOW DRIFTS (w)

   ROOF RAIN LOAD
   BUILDING HAS BEEN DESIGNED FOR RAIN LOADS PER IBC 2015 SECTION 1611.

   WIND LOAD

RISK CATEGORY	II
ULTIMATE WIND SPEED	V_{ult} = 115 MPH
NOMINAL WIND SPEED	V_{asd} = 89.1 MPH
EXPOSURE	D
INTERNAL PRESSURE COEFFICIENT	GC_{pi} = +/- 0.18
COMPONENTS AND CLADDING	REFER TO TABLE THIS SHEET

   SEISMIC LOAD

RISK CATEGORY	II
IMPORTANCE FACTOR	I_e = 1.0
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS	S_S = 0.066 g S_1 = 0.039 g
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS	S_{DS} = 0.070 g S_{D1} = 0.063 g
SEISMIC RESPONSE COEFFICIENT	C_s = 0.010
RESPONSE MODIFICATION FACTOR	R = 6.5
SITE CLASS	D
SEISMIC DESIGN CATEGORY	A
SEISMIC FORCE-RESISTING SYSTEM	LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS
ANALYSIS PROCEDURE	INDEX FORCE ANALYSISR
DESIGN BASE SHEAR	0.010W KIPS

GENERAL NOTES

EARTHWORK

1. FOOTINGS SHALL BE CAST ON UNDISTURBED SUBSOIL. IF DESIGN CAPACITY IS NOT ENCOUNTERED AT THE ELEVATIONS SHOWN, FOOTINGS MUST BE LOWERED. CONSULT ENGINEER BEFORE PROCEEDING.
2. NO HOLES, TRENCHES OR DISTURBANCES OF THE SOIL SHALL BE ALLOWED WITHIN THE VOLUME DESCRIBED BY 45 DEGREE LINES SLOPING FROM THE BOTTOM EDGE OF THE FOOTING. IF SUCH ARE REQUIRED, FOOTINGS MUST BE LOWERED.
3. BACKFILL EVENLY ON EACH SIDE OF FOUNDATION WALLS AND RETAINING WALLS.
4. TOPSOIL AND FILL BELOW SLABS ON GROUND SHALL BE REMOVED. AGGREGATE BASE COURSE UNDER SLABS ON GROUND SHALL BE AS SPECIFIED COMPACTED TO 6-INCH LAYERS (EXCEPT WHERE LOOSE FILL IS INDICATED ON DRAWINGS).
5. BACKFILL AGAINST INTERIOR FOUNDATION WALLS SHALL BE AS SPECIFIED COMPACTED TO MAXIMUM 6-INCH LAYERS.
6. BACKFILL AGAINST EXTERIOR FOUNDATION WALLS SHALL BE AS SPECIFIED COMPACTED TO MAXIMUM 6-INCH LAYERS.
7. PROVIDE MINIMUM 24 INCHES OF FREE DRAINING AGGREGATE AS SPECIFIED OVER ALL DRAIN TILES AND 4 INCHES BELOW.

CONCRETE

1. FORMWORK SHALL BE DESIGNED IN ACCORDANCE WITH THE ACI "MANUAL OF CONCRETE PRACTICE", LATEST EDITION.
2. REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI "MANUAL OF CONCRETE PRACTICE", LATEST EDITION, UNLESS OTHERWISE NOTED.
3. LAP ALL WALL BARS 30 DIAMETERS UNLESS OTHERWISE DETAILED. LAP WELDED WIRE MESH 6 INCHES.
4. PROVIDE WALL DOWELS OF THE SAME SIZE AND NUMBER AS THE RESPECTIVE AND WALL REINFORCEMENT UNLESS OTHERWISE DETAILED.
5. CONCRETE PROTECTION FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 318-14.
6. SLABS ON GRADE SHALL BE CAST ALLOWING A SUFFICIENT NUMBER OF JOINTS TO ADEQUATELY CONTROL SHRINKAGE CRACKING. SAWCUTTING SHALL BE DONE AS SOON AS SAWCUT WILL NOT RAVEL. CONCRETE OR WITHIN 24 HOURS MAXIMUM OF INITIAL POURING OPERATION. MAXIMUM SIZE OF PANELS SHALL BE 12 FEET BY 12 FEET FOR 4-INCH SLAB ON GRADE. GENERALLY, JOINTS SHALL OCCUR ON COLUMN CENTERLINES.
7. EXTERIOR SLABS ON GRADE SHALL BE 5 INCHES THICK AND REINFORCED WITH 4 LB PER CUBIC YARD POLYPROPYLENE MACRO FIBERS.
8. ALLOW AT LEAST 24 HOURS BEFORE POURING ADJACENT WALL SECTIONS BETWEEN CONSTRUCTION JOINTS. MAXIMUM LENGTH OF POUR TO BE 40 FEET, UNLESS CRACK INDUCERS ARE USED AS DETAILED ON THE DRAWINGS.
9. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE.
10. DO NOT PLACE OR CUT HOLES IN CONCRETE SLABS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
11. EXTERIOR EXPOSED CONCRETE SHALL BE AIR-ENTRAINED. AIR CONTENT SHALL BE 6 PERCENT (+/-1 1/2 PERCENT).
12. PIPES AND CONDUITS EMBEDDED IN OR PASSING THROUGH STRUCTURAL MEMBERS MUST BE APPROVED BY THE STRUCTURAL ENGINEER. PIPE AND CONDUITS EMBEDDED IN CONCRETE SHALL NOT BE LARGER THAN 2 INCHES IN OUTSIDE DIAMETER AT THEIR WIDEST POINT OR FITTING OR 1/3 OF THE THICKNESS OF THE SLAB, BEAM OR WALL.
13. ELECTRICAL CONDUIT OR PIPES EMBEDDED IN OR PASSING THROUGH SLABS, BEAMS OR WALLS SHALL BE LOCATED AND PLACED SO THAT:
    A. THEY ARE NOT CLOSER THAN THREE DIAMETERS ON CENTER.
    B. THE CONCRETE COVER IS NOT LESS THAN 2 INCHES.
    C. THEY RUN BETWEEN REINFORCING AND DO NOT DISPLACE IT IN ANY MANNER.
14. ALUMINUM CONDUITS SHALL NOT BE PLACED IN CONCRETE.
15. CHAMFER ALL EXPOSED CONCRETE CORNERS. SEE ARCHITECTURAL/STRUCTURAL DRAWINGS FOR REQUIREMENTS.
16. CONCRETE SHALL BE TESTED BY THE OWNER'S TESTING LAB. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
17. PROPER CURING PROCEDURES SHALL BE USED FOR SLAB ON GRADE TO PREVENT CURLING.
18. CALCIUM CHLORIDE SHALL NOT BE USED IN CONCRETE MIXES.
19. PROVIDE WATERSTOPS AT ALL CONSTRUCTION JOINTS BELOW THE WATER TABLE AND AS SHOWN ON DRAWINGS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
20. EPOXY FOR DRILLED AND EPOXIED REBAR SHALL CONFORM TO HILTI HIT-HY 200.

WOOD FRAMING

1. ERECTION OF ALL WOOD FRAMING SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", ANSI/AWC NDS-2015.
2. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
3. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL BY THE ENGINEER.
4. ALL STRUCTURAL SYSTEMS RELATING TO WOOD FRAMING WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.
5. LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE INDICATED IN THE "DESIGN SPECIFICATIONS". DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY CONNECTED TOGETHER AND UNTIL ALL TEMPORARY BRACING IS IN PLACE.
6. ROOF DECK SHALL BE 5/8-INCH APA RATED SHEATHING, EXPOSURE 1. SEE SHEATHING LAYOUT AND FASTENING SCHEDULE.
7. ROOF SHEATHING TO BE LAID IN STAGGERED PATTERN WITH LENGTH/2 OVERLAP (MINIMUM) AT EACH EDGE. PROVIDE SIMPSON PSCL (OR APPROVED EQUAL) PANEL SHEATHING CLIPS AT ALL UNSUPPORTED PANEL EDGES. PROVIDE 2 CLIPS FOR ALL SHEATHING SPANS GREATER THAN OR EQUAL TO 28" BUT LESS THAN 36".
8. ROOF SHEATHING SHALL NOT SPAN 24" OR GREATER IN ANY CASE.
9. WALL AND SOFFIT SHEATHING SHALL BE 1/2-INCH APA RATED SHEATHING, EXPOSURE 2.
10. NAILING OF WALL SHEATHING AND SOFFIT SHEATHING SHALL BE:
    8d AT 6 INCHES ON CENTER AT PANEL EDGES
    8d AT 12 INCHES ON CENTER AT INTERMEDIATE FRAMING MEMBERS
11. INSTALL ALL SHEATHING WITH THE LONG DIMENSIONS OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. STAGGER PANEL END JOINTS. ALLOW 1/8-INCH SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE RECOMMENDED BY THE SHEATHING MANUFACTURER.
12. ALL SHEATHING SHOWN ON THE STRUCTURAL DRAWINGS SHALL MEET THE REQUIREMENTS OF THE U.S. PRODUCT STANDARD PS-1 FOR STRUCTURAL 1 GRADE MATERIAL.
13. ALL NAILING SHALL BE CAREFULLY DRIVEN AND NOT OVERDRIVEN. THE USE OF STAPLES IS PROHIBITED.
14. ALL EXTERIOR WALL AND ROOF SHEATHING NAILS SHALL BE HOT-DIPPED GALVANIZED UNLESS NOTED OTHERWISE.
15. CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION OF ALL SHEAR WALL ANCHORS WITH CONCRETE AND FRAMING CONTRACTORS PRIOR TO FABRICATION AND ERECTION.
16. HANGER CONNECTIONS SHALL DEVELOP THE SHEAR STRENGTH OF THE TRUSS, BEAM OR JOIST.
17. NAILING OF WOOD FRAMING MEMBERS SHALL CONFORM TO THE FASTENER REQUIREMENTS OF IBC 2018 2304.10.1.
18. ALL FRAMING EXPOSED TO THE WEATHER OR IN CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION SPECIFICATIONS, WHERE POSSIBLE. ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO THE ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWPA STANDARD M4).
19. PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLD-DOWN ANCHORS, AND OTHER ACCESSORIES SHALL BE AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY" OR APPROVED EQUAL. INSTALL ALL ACCESSORIES PER THE MANUFACTURER'S REQUIREMENTS. ALL STEEL SHALL HAVE A MINIMUM THICKNESS OF 0.04 INCHES (PER ASTM A653) AND BE GALVANIZED (G60 COATING).
20. REFER TO ARCHITECTURAL DRAWINGS FOR WALL ASSEMBLIES. COORDINATE SHEATHING LAYER REQUIREMENTS AND PLACEMENT TO MAINTAIN SPECIFIED STC RATINGS.

WOOD TRUSSES

1. METAL PLATE CONNECTED TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION", ANSI/TPI 1 2015 EDITION.
2. METAL PLATE CONNECTED WOOD TRUSSES SHALL BE ERECTED IN ACCORDANCE WITH THE STRUCTURAL BUILDING COMPONENTS ASSOCIATION (SBCA) AND THE TRUSS PLATE INSTITUTE (TPI).
3. SHOP DRAWINGS AND OTHER ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. ALL SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR BEFORE SUBMITTAL TO THE ENGINEER. THE ENGINEER'S REVIEW WILL BE BASED ON THE CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK, AND COORDINATE THE SHOP DRAWINGS PRIOR TO SUBMISSION. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, DIMENSIONS, ETC.
4. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE ALL TRUSS-TO-TRUSS CONNECTIONS.
5. TRUSS MANUFACTURER SHALL REFER TO MECHANICAL DRAWINGS FOR DUCT LAYOUT. THE CONTRACTOR SHALL CONFIGURE TRUSS WEBS TO AVOID DUCT WORK AND NOTE ALL DUCT SIZES AND AREAS OF POTENTIAL CONFLICT ON SHOP AND ERECTION DRAWING SUBMITTALS.
6. MAXIMUM VERTICAL TRUSS DEFLECTION SHALL BE LIMITED TO THE SPAN/240 (INCLUDING CALCULATED CREEP) FOR DEAD LOAD PLUS SNOW LOAD, UNLESS OTHERWISE NOTED.
7. MAXIMUM HORIZONTAL TRUSS DEFLECTION SHALL BE LIMITED TO 1/4" EACH SIDE.
8. ALL ROOF TRUSSES SHALL BE SECURED TO THE TOP PLATES WITH SIMPSON UPLIFT CONNECTORS (OR APPROVED EQUAL) PROVIDED BY THE TRUSS SUPPLIER. REFER TO COMPONENTS AND CLADDING WIND PRESSURES FOR UPLIFT REQUIREMENTS.
9. DOUBLE 2x4 CONTINUOUS BLOCKING SHALL BE PROVIDED AT THE PEAK OF ROOF RIDGES WHERE PRESENT.
10. WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE FOLLOWING MINIMUM LOADS UNLESS OTHERWISE NOTED ON PLAN. REFER TO PREFABRICATED TRUSS SCHEDULE(S) FOR ADDITIONAL ROOF LOADS:

TOP CHORD DEAD LOAD	10 PSF (ON THE SURFACE AREA)
BOTTOM CHORD DEAD LOAD	10 PSF (ON THE SURFACE AREA)

    ADDITIONAL 5 PSF AT ROOF TRUSSES SUPPORTING INFILL FRAMING AT EXTENSION OF ADJOINING ROOFS
11. ROOF TRUSS TOP CHORDS SHALL BE DESIGNED AS INDICATED BY LOADING ON THIS SHEET OR SNOW LOAD, WHICHEVER IS GREATER. SNOW LOADING SHALL TAKE DRIFTING SNOW INTO CONSIDERATION WHERE INDICATED ON SNOW DRIFT PLANS.
12. TRUSS DESIGNER TO DESIGN FOR UPLIFT AT TRUSSES SUPPORTING INFILL FRAMING. REFER TO "COMPONENTS AND CLADDING" WIND LOAD TABLE FOR DESIGN LOADS. TRUSS DESIGNER SHALL DESIGN AND SUPPLY UPLIFT CONNECTIONS (HURRICANE TIES) AS REQUIRED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH BY THE TRUSS PLACE INSTITUTE PUBLICATION "HIB-91 COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" SHALL BE A MINIMUM REQUIREMENT.
14. TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE WRITTEN APPROVAL OF THE TRUSS MANUFACTURER.
15. STRUCTURAL DRAWINGS DO NOT SHOW ALL BRACING AND BRIDGING. PROVIDING BRACING AND BRIDGING BOTH TEMPORARY AND PERMANENT FOR ALL WOOD TRUSSES AS RECOMMENDED BY TRUSS PLATE INSTITUTE.

PERMANENT TRUSS BRACING

1. PERMANENT BRACING SHALL COMPLY WITH TRUSS PLATE INSTITUTE "NATIONAL DESIGN STANDARD FOR BRACING METAL PLATE CONNECTED WOOD TRUSSES", DSB 2015.
2. ALL PERMANENT AND TEMPORARY BRACING IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY SBCA/BCSI 2022.
3. PROVIDE CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING FOR TRUSS BOTTOM CHORDS. TOP CHORD BRACING IS PROVIDED BY PERMANENT WOOD SHEATHING.
4. WEB MEMBER BRACING (STRONGBACKING) SHALL BE PLACED AT A MINIMUM OF 10 FEET ON CENTER ALIGNED WITH BOTTOM CHORD BRACING. PROVIDE CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING.
5. END BRACING SHALL BE PLACED CONTINUOUSLY ON ENDS OF TRUSS MEMBERS. WHERE CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING ARE REQUIRED FOR WEB MEMBERS, END BRACING IS NOT REQUIRED.
6. END BRACING AT ROOF AND FLOOR DIAPHRAGMS SHALL BE CONTINUOUS. TOP CHORD TEMPORARY LATERAL RESTRAINT (TCTLR) WITH DIAGONAL BRACING, BLOCKING PANELS, RIBBON BOARDS WITH DIAGONAL BRACING, AND RIM BOARDS ARE ALL ACCEPTABLE END BRACES WHERE CONTINUOUS LATERAL BRACING AT TOP AND BOTTOM CHORDS ARE NOT REQUIRED. PROVIDE BLOCKING PANELS AT ALL EXTERIOR SHEAR WALLS UNLESS OTHERWISE DETAILED WITHIN THE DESIGN DOCUMENTS.

GENERAL REQUIREMENTS

1. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND JOB SITE SAFETY.
2. DIMENSIONS OF EXISTING CONSTRUCTION OR CONSTRUCTION IN PROGRESS SHALL BE VERIFIED AND COORDINATED PRIOR TO FABRICATION OF STRUCTURAL COMPONENTS.
3. THE INTENT OF THESE DESIGN SPECIFICATIONS AND GENERAL NOTES IS TO INDICATE INFORMATION THAT IS ROUTINELY UTILIZED. ADDITIONAL PROJECT REQUIREMENTS ARE LOCATED WITHIN THE PROJECT SPECIFICATIONS, ALSO KNOWN AS THE PROJECT MANUAL CONFLICTING INFORMATION BETWEEN THESE DRAWINGS AND THE PROJECT SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER.
4. WHILE THE DESIGN DOCUMENTS MAY REFERENCE OSHA, THEY ARE NOT INTENDED TO SPECIFICALLY IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND COMPLY WITH ALL APPLICABLE OSHA REQUIREMENTS.
5. RESISTANCE TO LATERAL LOADS ON STRUCTURE IS PROVIDED BY WOOD SHEAR WALLS AND ROOF DIAPHRAGMS. CONTRACTOR SHALL PROVIDE SUFFICIENT TEMPORARY BRACING UNTIL ALL LATERAL SUPPORT SYSTEMS ARE IN PLACE AND FUNCTIONAL.
6. ALL STRUCTURAL FRAMING AND CONNECTIONS HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING ERECTION AND CONSTRUCTION. ANY INVESTIGATION OF THE STRUCTURAL FRAMING AND CONNECTIONS FOR ADEQUACY DURING THE ERECTION AND CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR.
7. VERIFY AND COORDINATE, WITH ALL CONTRACTORS, THE LOCATION OF ALL ARCHITECTURAL AND MECHANICAL APPURTENANCES AND OPENINGS.

SHOP DRAWINGS AND SUBMITTALS

1. SHOP DRAWINGS AND CALCULATIONS BEARING A REGISTERED ENGINEER'S CERTIFICATION SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND SHALL CONTAIN THE FOLLOWING INFORMATION FOR EACH TYPE AND SIZE TRUSS ASSEMBLY TO BE PROVIDED:
   A. DETAIL OF TRUSS SHOWING SIZE OF MEMBERS.
   B. SPECIES AND WORKING STRESS OF LUMBER USED
   C. LOADING CONDITIONS USED IN DESIGN.
   D. CALCULATED FORCES FOR EACH MEMBER.
   E. CONNECTOR SIZES AND LOCATION.
2. INFORMATION PROVIDED ON SHOP DRAWINGS SHALL ALSO TAKE INTO ACCOUNT AND SHOW ALL SPECIAL DESIGN, FRAMING, AND CONNECTION REQUIREMENTS FOR TRUSSES, SUCH AS AT CONCENTRATED LOADS, UNBALANCED OR UNSYMMETRICAL LOAD CONDITIONS, AND OTHER NON TYPICAL FRAMING DETAILS.
3. AN ERECTION PLAN OF THE TRUSS FRAMING, CONCRETE, REBAR AND WOOD WALL PANELS SHALL BE PROVIDED INDICATING ALL TRUSS LOCATIONS AND FRAMING CONDITIONS.

DESIGN WIND PRESSURE TABLE, PSF

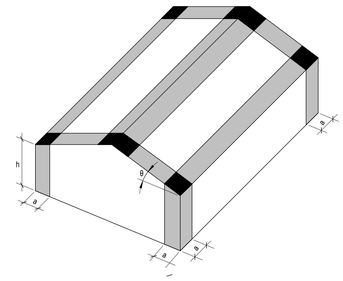
ZONE	EFFECTIVE WIND AREA, SF							DESCRIPTION
	1	10	20	50	100	200	> 500	
1	-28.5	-28.5	-27.0	-25.1	-23.6	-23.6	-23.6	ROOF INTERIOR ZONE
2	-33.3	-33.3	-31.8	-29.9	-28.5	-28.5	-28.5	END ZONE REGION OF THE ROOF
3	-33.3	-33.3	-31.8	-29.9	-28.5	-28.5	-28.5	CORNER ZONE REGION OF THE ROOF
ROOF OVERHANG (ZONES 1 AND 2)	-48.3	-48.3	-46.8	-44.9	-43.4	-43.4	-43.4	
ROOF OVERHANG (ZONE 3)	-48.3	-48.3	-46.8	-44.9	-43.4	-43.4	-43.4	
4 (+)	28.5	28.5	27.2	25.5	25.5	22.9	21.2	WALL INTERIOR ZONE
4 (-)	-30.9	-30.9	-29.6	-27.9	-27.9	-25.3	-23.6	
5 (+)	28.5	28.5	27.2	25.5	25.5	22.9	21.2	END ZONE REGION OF THE WALL
5 (-)	-38.1	-38.1	-35.6	-32.2	-29.6	-27.0	-23.6	

DESIGN WIND PRESSURE TABLE NOTES:

1. NEGATIVE WIND PRESSURES ACT AWAY FROM COMPONENT SURFACE. POSITIVE WIND PRESSURES ACT TOWARD COMPONENT SURFACE.
2. WIND PRESSURES SHOWN IN THIS TABLE ARE SERVICE PRESSURES (0.6W).
3. FOR NET UPLIFT TO ROOF TRUSSES, SUBTRACT A ROOF DEAD LOAD OF 10 PSF (NOT INCLUDING SELF WEIGHTS) FROM THE WIND PRESSURES SHOWN.

GABLE ROOF BUILDING (7°< θ ≤ 45°) (h ≤ 60 FT)

a = 3'-0"



= INTERIOR ZONE
ROOF = ZONE 1
WALLS = ZONE 4

= END ZONE
ROOF = ZONE 2
WALLS = ZONE 5

= CORNER ZONE
ROOF = ZONE 3

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SHEET NUMBER:

S-001

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SYMBOL LEGEND

LINE

- BEYOND
- CENTER, GRID
- DEMOLITION
- EXISTING (HALFTONE)
- HIDDEN
- MATCHLINE
- NEW (CUT)
- NEW (PROJECTION)
- OVERHEAD

MATERIAL

- ALUMINUM
- BRICK
- CONCRETE
- CONCRETE MASONRY BLOCK
- EARTH
- GRAVEL
- GROUT
- WOOD STRUCTURAL PANEL
- STEEL

REFERENCE

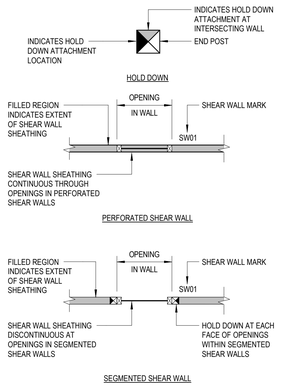
- NORTH INDICATOR
- ELEVATION VIEW INDICATOR (A1 / D1 S-201 B1 / C1)
- SECTION VIEW INDICATOR (A6 / S-501)
- VIEW CALLOUT (A6 / S-501)
- VIEW INDICATOR (A6/S-501)
- GRID INDICATOR (1)
- EXISTING GRID INDICATOR (1)
- BREAK LINE
- SPAN DIRECTION INDICATOR
- SLOPE INDICATOR
- STEP INDICATOR
- OPENING (FLOOR, ROOF OR WALL)
- ELEVATION INDICATOR (TOC 100'-0")
- KEYNOTE INDICATOR (01)
- REVISION CLOUD
- REVISION INDICATOR (1)

VIEW LOCATION LEGEND

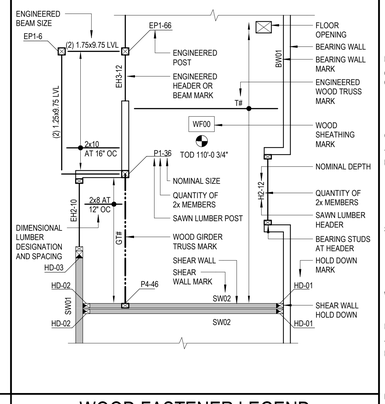
D1	D2	D3	D4	D5	D6
C1	C2	C3	C4	C5	C6
B1	B2	B3	B4	B5	B6
A1	A2	A3	A4	A5	A6

LIST OF SHEETS

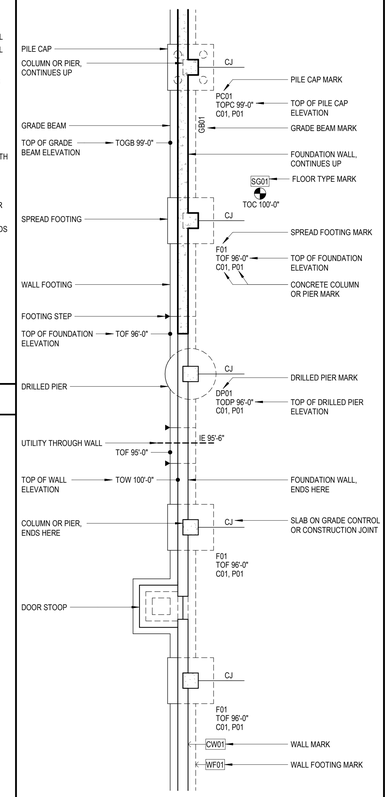
WOOD SHEAR WALL LEGEND



WOOD FRAMING PLAN LEGEND



FOUNDATION PLAN LEGEND



ABBREVIATIONS

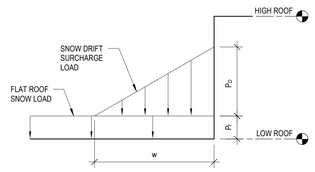
1WAY	ONE-WAY
AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADDM	ADDENDUM
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
APPROX	APPROXIMATE
AR	AS REQUIRED
ARCH	ARCHITECT
B PL	BASE PLATE
B/B	BACK TO BACK
BC	BOTTOM CHORD
BF	BOTH FACES
BF	BOTTOM FACE
BLDG	BUILDING
BM	BEAM
BO __	BOTTOM OF __ (REFER TO TOP OF __)
BOT	BOTTOM
BRDG	BRIDGING
BRG	BEARING
BRG PL	BEARING PLATE
BS	BOTH SIDES
BSMT	BASEMENT
BW	BOTH WAYS
C	CHANNEL
C TO C	CENTER TO CENTER
CANTIL	CANTILEVER
CGS	CENTER OF GRAVITY OF STRAND
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT
CJ	CONTROL JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CPRS	COMPRESSIBLE
CTRL	CONTROL
CU	CUBIC
CU FT	CUBIC FEET
CU IN	CUBIC INCH
CU YD	CUBIC YARD
D	DEEP
D	DEPTH
DBE	DECK BEARING ELEVATION
DBL	DOUBLE
DEG	DEGREE
DET	DETAIL
DEMO	DEMOLITION
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIR	DIRECTION
DL	DEAD LOAD
DWG	DRAWING
E	EAST
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATOR
ENGR	ENGINEER
EOD	EDGE OF DECK
EOG	EDGE OF GRATING
EOS	EDGE OF SLAB
EQ	EQUAL
EQL SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXC	EXCAVATE
EXIST, (E)	EXISTING
EXP	EXPANSION
EXP BT	EXPANSION BOLT
EXT	EXTERIOR
FD	FLOOR DRAIN
FDTN	FOUNDATION
FF	FAR FACE
FLR	FLOOR
FR	FRAME
FS	FAR SIDE
FSTNR	FASTENER
FT	FEET
FTG	FOOTING
FUT	FUTURE
GA	GAGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLU LAM	GLUE LAMINATED WOOD
GR BM	GRADE BEAM
GRTG	GRATING
H	HIGH
HDR	HEADER
HGR	HANGER
HORIZ, H	HORIZONTAL
HS	HIGH STRENGTH
HSKPG	HOUSEKEEPING
HT	HEIGHT
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IF	INSIDE FACE
INFO	INFORMATION
INT	INTERIOR
JST	JOIST
JST BRG	JOIST BEARING
K	KIP (ONE THOUSAND POUNDS)
KB	KNEE BRACE
KLF	KIPS PER LINEAR FOOT
KOP	KNOCK OUT PANEL
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
KWY	KEYWAY
L	ANGLE
LATL	LATERAL
LB	POUND
LD BRG	LOAD-BEARING
LDH	LONG DIMENSION HORIZONTAL
LDV	LONG DIMENSION VERTICAL
LL	LIVE LOAD
LLBB	LONG LEG BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LVL	LAMINATED VENEER LUMBER
LVR	LOUVER
M	MOMENT
MAX	MAXIMUM
MBR	MEMBER
MC	MOMENT CONNECTION
MD	METAL DECK
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MFR REC	MANUFACTURER'S RECOMMENDATION
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
ML	MONOLITHIC
MO	MASONRY OPENING
MTL	METAL
MULT	MULTIPLE
N	NORTH
NF	NEAR FACE
NIC	NOT IN CONTRACT
NLB	NON LOAD-BEARING
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPH	OPPOSITE HAND
OPP	OPPOSITE
OPT	OPTIONAL
O/O	OUT TO OUT
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PRCST	PRECAST
PRELIM	PRELIMINARY
PS CONC	PRESTRESSED CONCRETE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
PT	PRESSURE TREATED
PT CONC	POST-TENSIONED CONCRETE
QTY	QUANTITY
R	RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCE
REQD	REQUIRED
REV	REVISION
RS	ROUGH SAWN
RTU	ROOF TOP UNIT
S	SOUTH
SCHED	SCHEDULE
SCHEM	SCHEMATIC
SE	STRUCTURAL ENGINEER
SECT	SECTION
SF	SQUARE FOOT (FEET)
SHT	SHEET
SIM	SIMILAR
SL	SLAB
SLBB	SHORT LEG BACK TO BACK
SP	SUMP PIT
SPCL	SPECIAL
SPEC	SPECIFICATION
SQ	SQUARE
SQ IN	SQUARE INCH
SQ YD	SQUARE YARD
STD	STANDARD
STIF	STIFFENER
STL JST	STEEL JOIST
STRUC	STRUCTURAL
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM
TB	THROUGH BOLT
TC	TOP CHORD
TEMJ	TOP ELEVATION MATCHES JOIST
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOCF	TOP OF COLD-FORMED
TOD	TOP OF DECK
TODP	TOP OF DRILLED PIER
TOF	TOP OF FOUNDATION
TOG	TOP OF GRATING
TOGB	TOP OF GRADE BEAM
TOP	TOP OF PIER
TOPC	TOP OF PILE CAP
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAR	VARIES
VERT, V	VERTICAL
VIF	VERIFY IN FIELD
W	WEST
W	WIDE
W/	WITH
W/O	WITHOUT
WBL	WOOD BLOCKING
WD	WOOD
WF	WIDE FLANGE
WP	WORK POINT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
YD	YARD

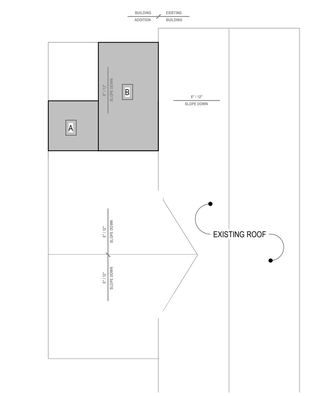
SNOW DRIFT TABLE

DRIFT AREA	P_D (PSF)	w (FT)
A	14.9	6'-6"
B	36.2	7'-10"

SNOW DRIFT TABLE NOTES:

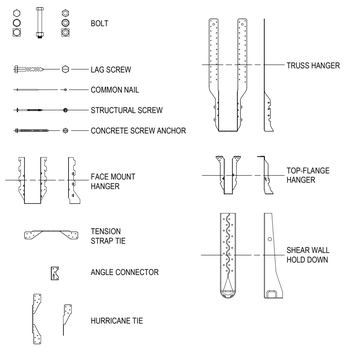
1. P_f = FLAT ROOF SNOW LOAD, SEE DESIGN SPECIFICATIONS ON SHEET S-001.
2. P_D = SNOW DRIFT SURCHARGE LOAD.
3. ▭ = SNOW DRIFT LOAD IN ADDITION TO FLAT ROOF SNOW LOAD.
4. WHERE DRIFT WIDTH, w, EXCEEDS LOW ROOF LENGTH, DRIFT SHALL BE TRUNCATED AT THE LOW ROOF EDGE.



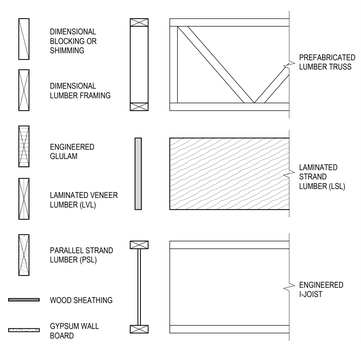


A3 SNOW LOAD PLAN
1/8" = 1'-0"

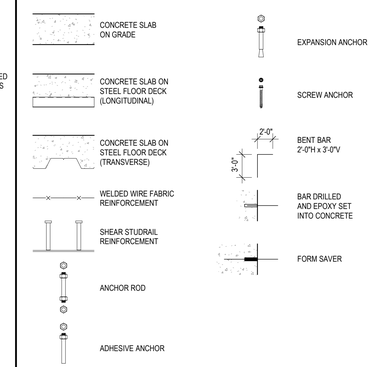
WOOD FASTENER LEGEND



WOOD SHAPES LEGEND



CONCRETE SHAPES LEGEND



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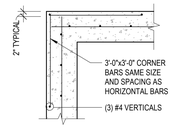
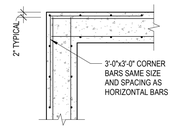


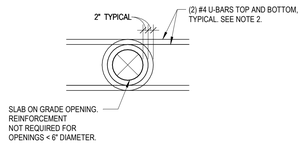
ONE LAYER OF REINFORCEMENT



TWO LAYERS OF REINFORCEMENT

D6 WALL CORNER

1/2" = 1'-0"

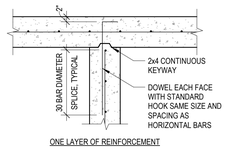


NOTES:

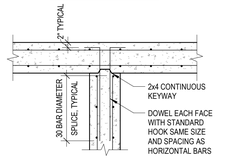
1. TYPICAL OF ALL OPENINGS IN CONCRETE SLABS ON GRADE UNLESS NOTED OTHERWISE ON PLAN.
2. DO NOT WELD REINFORCEMENT TO PIPES SLEEVES OR INSERTS.
3. COVER FOR TOP BARS = 1". COVER FOR BOTTOM BARS = 2".
4. OMIT BOTTOM BARS WHEN SLAB ON GRADE IS LESS THAN 6" THICK.

C5 SLAB ON GRADE OPENING

1/2" = 1'-0"



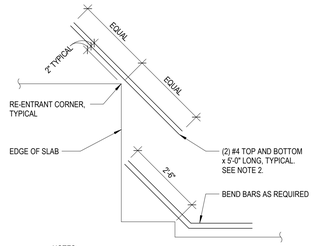
ONE LAYER OF REINFORCEMENT



TWO LAYERS OF REINFORCEMENT

C6 WALL INTERSECTION

1/2" = 1'-0"

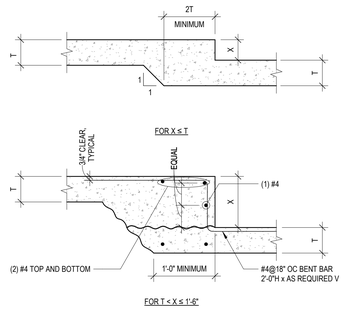


NOTES:

1. COVER FOR TOP BARS = 1". COVER FOR BOTTOM BARS = 2".
2. OMIT BOTTOM BARS WHEN SLAB ON GRADE IS LESS THAN 6" THICK.

B5 SLAB ON GRADE RE-ENTRANT CORNER

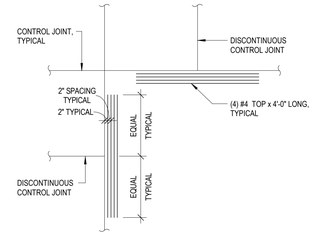
1/2" = 1'-0"



FOR T < X ≤ 1'-6"

B6 SLAB ON GRADE DEPRESSION

1" = 1'-0"

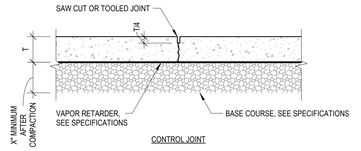


NOTES:

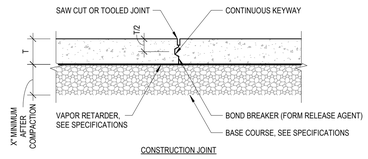
1. COVER FOR TOP BARS = 1".

A5 SLAB ON GRADE DISCONTINUOUS CONTROL JOINT

1/2" = 1'-0"



CONTROL JOINT



CONSTRUCTION JOINT

A6 SLAB ON GRADE CONTROL AND CONSTRUCTION JOINT

1" = 1'-0"

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GENERAL FOUNDATION DETAILS

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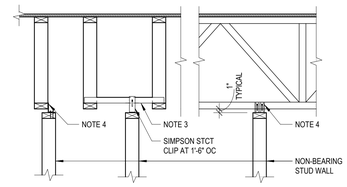


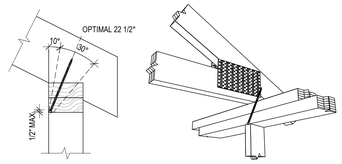
WALL PARALLEL TO TRUSS | WALL PERPENDICULAR TO TRUSS

NOTES:

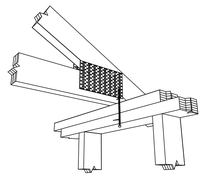
1. MAXIMUM CLIP SPACING IS BASED ON A MAXIMUM WALL HEIGHT OF 9'-2".
2. REFER TO TRUSS SUPPLIER DRAWINGS FOR BOTTOM CHORD BRACING REQUIREMENTS.
3. 2x BLOCKING MEMBER LOCATED AT TRUSS BRACING POINTS. ATTACH TO TRUSS BOTTOM CHORD WITH (4) 8d NAILS.
4. SIMPSON DTC CLIP AT 2'-0" OC FOR LENGTH OF WALL. AT GC OPTION, PROVIDE SIMPSON SDPW DEFLECTOR SCREWS TO TRUSS BOTTOM CHORD.

D6 SUPPORT AT TOP OF INTERIOR NON-BEARING PARTITION WALL

3/4" = 1'-0"



SIMPSON SDWC15600 AT STUD WALLS



SIMPSON SDWC15600 BETWEEN WALL STUDS

NOTES:

1. ANCHORS SHALL BE PROVIDED AT EVERY ROOF MEMBER AT EACH BEARING LOCATION.
2. PROVIDE 1/2" MINIMUM EDGE DISTANCE TO SIDE OR ROOF MEMBERS.
3. UPPER AND LOWER PLATES SHALL NOT BE SPLICED AT THE SAME LOCATION. PROVIDE 1/4" MINIMUM EDGE DISTANCE TO END OF A PLATE.
4. SIMPSON H2.5A TIES MAY BE USED AS AN ALTERNATE TO TRUSS SCREWS.

C4 ROOF TRUSS AND JOIST ANCHORAGE

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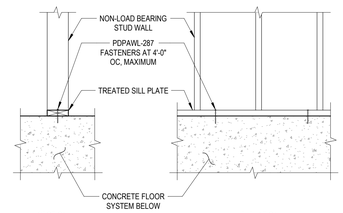


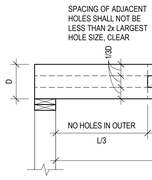
SECTION | ELEVATION

NOTES:

1. FASTENER SPACING IS BASED ON A MAXIMUM WALL HEIGHT OF 9'-2".
2. DO NOT DAMAGE CONCRETE REINFORCEMENT WHEN INSTALLING SILL FASTENERS.

C6 NON-LOAD BEARING BOTTOM PLATE ATTACHMENT

3/4" = 1'-0"

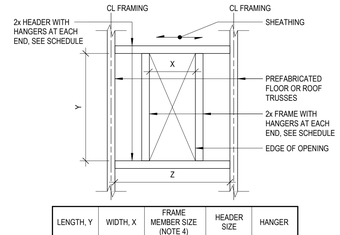


NOTES:

1. ALLOWABLE HOLE ZONE SHOWN IS ONLY FOR UNIFORMLY LOADED BEAMS.
2. RECTANGULAR HOLES ARE NOT ALLOWED.
3. DO NOT PLACE HOLES IN CANTILEVER BEAMS WITHOUT STRUCTURAL ENGINEER'S APPROVAL.
4. PRIOR TO ANY HOLES BEING ADDED, STRUCTURAL ENGINEER SHALL BE NOTIFIED IF PROPOSED HOLES DO NOT MEET THE SCHEMATIC CRITERIA.

B4 ALLOWABLE HOLES IN LVL/PSL BEAMS

3/4" = 1'-0"



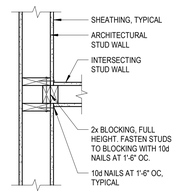
LENGTH, Y	WIDTH, X	FRAME MEMBER SIZE (NOTE 4)	HEADER SIZE	HANGER
< 1'-6"	< 1'-0"	2x6	2x6	JB26
1'-6" - 2'-0"	1'-0" - Z	2x8	2x8	JB28

NOTES:

1. X, Y = DIMENSION BY MECHANICAL, ELECTRICAL, OR PLUMBING CONTRACTOR.
2. PROVIDE DIAPHRAGM EDGE NAILING AT EACH SIDE OF OPENING.
3. CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS WITH MECHANICAL AND ELECTRICAL CONTRACTORS AND ARCHITECTURAL DRAWINGS.
4. IF X IS GREATER THAN OR EQUAL TO Z'-0" THEN FRAME MEMBERS ARE NOT REQUIRED.

B5 FRAMED OPENINGS IN SHEATHING

1" = 1'-0"



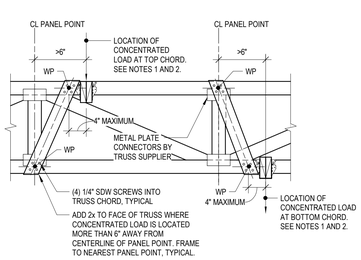
SINGLE PARTITION WALL

NOTES:

1. REFER TO ARCHITECTURAL ASSEMBLIES FOR ADDITIONAL FRAMING REQUIREMENTS AT WALLS.
2. REEFER TO WOOD WALL SCHEDULE (S) FOR STRUCTURAL WALL FRAMING AND SHEATHING ATTACHMENT.

B6 STUD WALL INTERSECTIONS

1" = 1'-0"

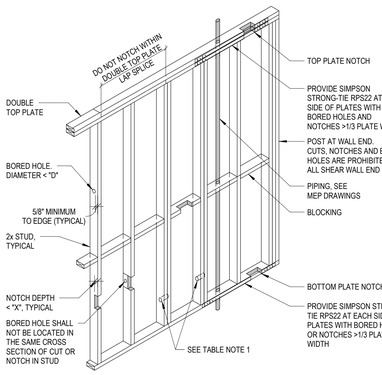


NOTES:

1. FIELD FRAMED CONDITIONS ARE APPLICABLE ONLY FOR LOADING NOT SPECIFICALLY DESIGNED FOR BY TRUSS SUPPLIER OR LABELED ON LOADING PLANS. MAXIMUM LOAD THAT MAY BE PLACED DIRECTLY ABOVE OR BELOW JOIST SHALL BE X LBS NOT TO EXCEED UNIFORM DESIGN LIVE LOAD AT TRUSS TOP CHORD.
2. BEAMS FRAMING INTO TRUSSES ARE TO BE ATTACHED WITH TOP-CHORD HANGERS.
3. ROOF SHEATHING NOT SHOWN FOR CLARITY.

A4 VERTICAL CONCENTRATED LOAD ON ROOF TRUSS

3/4" = 1'-0"



BORE HOLE AND NOTCH LIMITATIONS IN STUD WALLS					
STUD SIZE	EXTERIOR / BEARING WALLS		INTERIOR / NON-BEARING WALLS		WALL TOP AND BOTTOM PLATES
	BORE HOLE DIAMETER "D"	NOTCH DEPTH "X"	BORE HOLE DIAMETER "D"	NOTCH DEPTH "X"	NOTCH DEPTH "X" AND BORE HOLE DIAMETER "D"
2x4	1 7/16"	7/8"	2 1/8"	1 7/16"	1 3/4"
2x6	2 3/16"	1 3/8"	3 5/16"	2 3/16"	2 3/4"
2x8	4 15/16"	1 13/16"	4 3/8"	4 15/16"	5 5/8"

BORE HOLE AND NOTCH LIMITATION NOTES:

1. IN LOAD BEARING AND EXTERIOR WALLS, PROVIDE TWO STUDS WHERE HOLE DIAMETERS ARE LARGER THAN 40% OF THE STUD DEPTH. NO MORE THAN TWO SUCCESSIVE STUDS ARE TO BE DOUBLED AND SO BORED.
2. BORE HOLE DIAMETERS SHALL NOT EXCEED 60% OF STUD DEPTHS IN ANY LOCATION.
3. CONTACT EOR IF REQUIRED HOLES/NOTCHES ARE LARGER THAN ALLOWABLE.

A5 NOTCHING AND BORED HOLE LIMITATIONS FOR STUD WALLS

1/2" = 1'-0"

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340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

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SHEET TITLE:

GENERAL WOOD FRAMING DETAILS

SHEET NUMBER:

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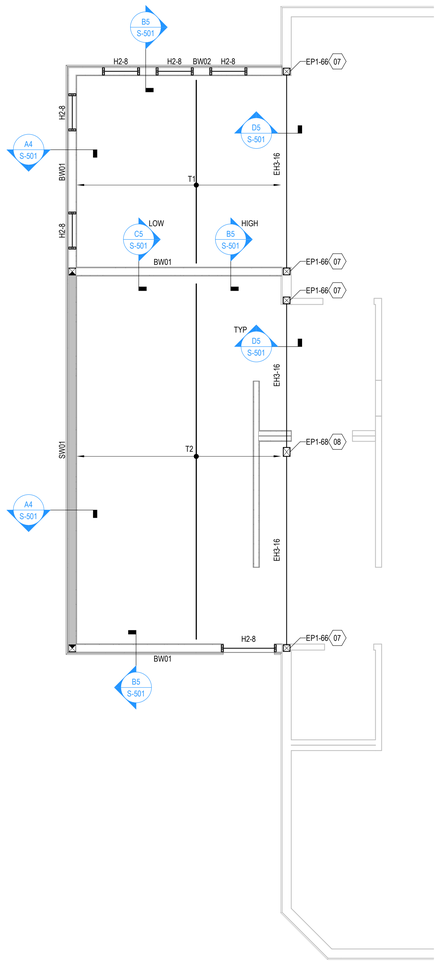
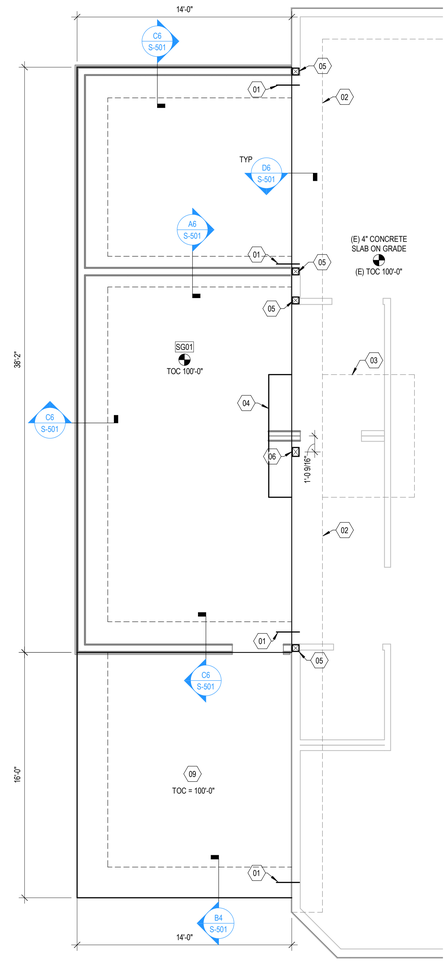


A2 ROOF PLAN
1/4" = 1'-0"

N
TRUE NORTH



A4 FOUNDATION PLAN
1/4" = 1'-0"

N
TRUE NORTH

GENERAL SHEET NOTES

1. TOP OF CONCRETE SLAB ELEVATION = 100'-0" UNLESS NOTED OTHERWISE ON PLAN.
2. SG01 = 5" CONCRETE SLAB ON GRADE REINFORCED WITH 4.0 LB/CY SYNTHETIC MACRO FIBERS .
3. SEE "GENERAL FOUNDATION DETAILS" SHEET FOR THE FOLLOWING DETAILS:
   A. SLAB ON GRADE CONTROL AND CONSTRUCTION JOINT
   B. SLAB ON GRADE DEPRESSION
   C. SLAB ON GRADE DISCONTINUOUS CONTROL JOINT
   D. SLAB ON GRADE OPENING
   E. SLAB ON GRADE RE-ENTRANT CORNER
   F. WALL CORNER
   G. WALL INTERSECTION
4. HIGH WOOD ROOF TRUSS BEARING ELEVATION = 115'-5".
5. LOW WOOD ROOF TRUSS BEARING ELEVATION = 109'-6".
6. VERIFY AND COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO FABRICATION AND ERECTION OF PREFABRICATED WOOD ELEMENTS.
7. REFER TO "GENERAL WOOD FRAMING SCHEDULES" FOR MINIMUM NAILING REQUIREMENTS AT WOOD FRAMING.
8. ALL WOOD POSTS SHALL BE VERTICALLY ALIGNED DOWN TO FOUNDATION ELEMENTS.
9. CONTRACTOR TO COORDINATE WALL AND FREE-STANDING POST LOCATIONS WITH WALL PANEL SUPPLIER AND TRUSS SUPPLIER PRIOR TO ERECTION.
10. LOAD BEARING WALL CONSTRUCTION VARIES. REFER TO WOOD STUD AND SHEAR WALL SCHEDULE FOR STRUCTURAL WALL FRAMING REQUIREMENTS.
11. REFER TO "WOOD TRUSS" SCHEDULE AND NOTES FOR ADDITIONAL DESIGN LOADING AND PERMANENT BRACING REQUIREMENTS AT WOOD TRUSSES.
12. PROVIDE SUBFRAME FOR ALL DUCT AND DRAIN PENETRATIONS THROUGH ROOF. COORDINATE SIZE AND LOCATION WITH MECHANICAL AND PLUMBING CONTRACTOR.
13. CONTRACTOR TO COORDINATE ALL MECHANICAL AND PLUMBING PENETRATIONS THROUGH ROOF WITH WOOD TRUSS AND WALL PANEL SUPPLIER.
14. PROVIDE FULL LENGTH BEARING AT ALL CONDITIONS FOR STRUCTURAL ELEMENTS UNLESS OTHERWISE NOTED. PROVIDE FULL LAP WHERE STRUCTURAL ELEMENTS BEAR ON SUPPORT FRAMING FROM EACH FACE. PROVIDE CONTINUOUS BLOCKING BETWEEN BEARING POINTS.
15. SEE "GENERAL WOOD FRAMING DETAILS" SHEET FOR THE FOLLOWING DETAILS:
   A. ALLOWABLE HOLES IN LVL/PSL BEAMS
   B. FRAMED OPENINGS IN SHEATHING
   C. NON-LOAD BEARING BOTTOM PLATE ATTACHMENT
   D. NOTCHING AND BORED HOLE LIMITATIONS FOR STUD WALLS
   E. ROOF TRUSS AND JOIST ANCHORAGE
   F. STUD WALL INTERSECTIONS
   G. SUPPORT AT TOP OF INTERIOR NON-BEARING PARTITION WALL
   H. VERTICAL CONCENTRATED LOAD ON ROOF TRUSS
16. REFER TO ARCHITECTURAL DRAWINGS FOR ASSEMBLY RATING REQUIREMENTS.
17. EXISTING TRASH ENCLOSURE SLAB AND ANY CORRESPONDING FOUNDATIONS TO BE REMOVED.
18. ROOF SHEATHING TO BE WF01, REFER TO "WOOD ROOF SHEATHING SCHEDULE" FOR SPECIFICS.

SHEET KEYNOTES

01 DRILL AND EPOXY #5 AT 1'-0" OC VERTICAL AND HORIZONTAL INTO EXISTING FOUNDATION.
02 EXISTING FOOTING.
03 EXISTING 8'-0"x5'-0"x2'-0" THICK ISOLATED FOOTING AT STEEL FRAME.
04 NEW 1'-6" WIDE x2'-0" THICK CONCRETE FOOTING TO BE ADDED ONTO EXISTING. PROVIDE (3) #5 TOP AND BOTTOM, ATTACH TO EXISTING FOOTING WITH #5 x 3'-6" LONG DOWELS AT 1'-0" OC, TOP AND BOTTOM, DRILL AND EPOXY INTO EXISTING ISOLATED FOOTING, 2'-0" EMBED.
05 AT WOOD POST PROVIDE SIMPSON ABA66Z POST BASE. ATTACH POST BASE TO WOOD POST WITH (8) 16d NAILS. ANCHOR POST BASE TO FOUNDATION WITH 5/8" DIAMETER THREADED ROD DRILLED AND EPOXIED INTO THE EXISTING FOUNDATION, 9" MINIMUM EMBED. GROUT BASE PLATE SOLID AFTER INSTALLATION.
06 AT WOOD POST PROVIDE SIMPSON ABU88Z POST BASE.ATTACH POST BASE TO WOOD POST WITH (18) 16d NAILS. ANCHOR POST BASE TO FOUNDATIRON WITH (2) 5/8" DIAMETER THREADED RODS DRILLED AND EPOXIED IN THE EXISTING FOUNDATION, 9" MINIMUM EMBED. GROUT BASE PLATE SOLID AFTER INSTALLATION.
07 AT CONNECTION BETWEEN WOOD BEAM AND POST PROVIDE SIMPSON CCQ66SDS2.5 POST CAP. ATTACH POST CAP TO BEAM WITH (16) 1/4" 2 1/2" SDS SCREWS AND TO POST WITH (14) 1/4"x2 1/2" SDS SCREWS.
08 AT CONNECTION BETWEEN WOOD BEAM AND POST PROVIDE SIMPSON CCQ88SDS2.5 POST CAP. ATTACH POST CAP TO BEAM WITH (16) 1/4" 2 1/2" SDS SCREWS AND TO POST WITH (14) 1/4"x2 1/2" SDS SCREWS.
09 TRASH ENCLOSURE SLAB TO BE 5 INCHES THICK AND REINFORCED WITH 4 LB PER CUBIC YARD POLYPROPYLENE MACRO FIBERS.

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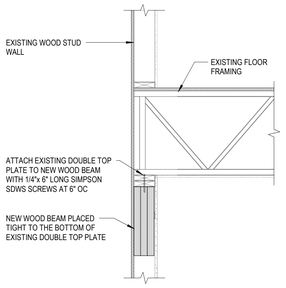
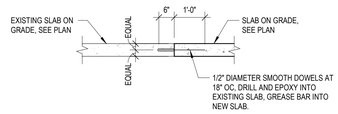
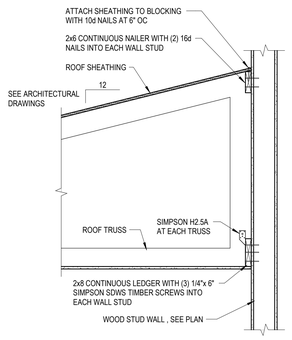


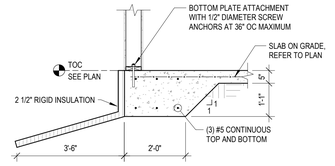
D5 DETAIL
3/4" = 1'-0"



D6 DETAIL
1/2" = 1'-0"



C5 DETAIL
3/4" = 1'-0"



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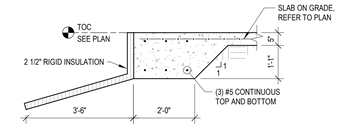
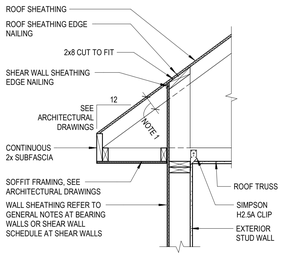
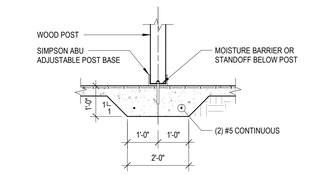


B4 DETAIL
1/2" = 1'-0"



NOTE 1 = HOLD DOWN WALL SHEATHING TO UNDERSIDE OF TOP CHORD AT EVERY OTHER ROOF TRUSS SPACING FOR VENTILATION

B5 DETAIL
3/4" = 1'-0"



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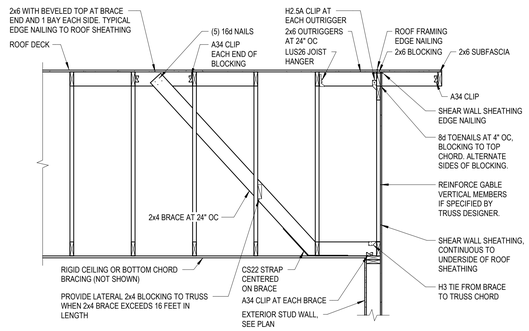

A4 DETAIL
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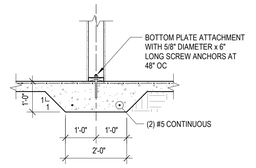

A6 DETAIL
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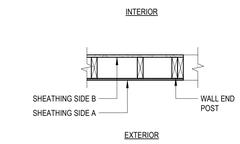
WOOD STUD AND SHEAR WALL SCHEDULE

MARK[2]	STUDS[4]	TOP PLATE MATERIAL	BOTTOM PLATE MATERIAL	SHEAR WALL SHEATHING AND FASTENING (APPLICABLE TO "SW" WALLS ONLY)[2]								
				SHEATHING (TYPE, QUANTITY)[3]		BLOCKING[4, 5]	SHEATHING FASTENERS[6, 7, 8]		FASTENER SPACING		BOTTOM PLATE ANCHORAGE[9]	HOLD DOWN ANCHORAGE[12]	REMARKS
				SIDE A	SIDE B		SIDE A	SIDE B	PANEL EDGES	FIELD			
BW01	2x6 AT 12"	SPF No. 1/2	SPF No. 1/2	-	-	-	-	-	-	-			
BW02	2x6 AT 16"	SPF No. 1/2	SPF No. 1/2	-	-	-	-	-	-	-			
SW01	2x6 AT 12"	SPF No. 1/2	SPF No. 1/2	OSB, 1	-	UNBLOCKED	8d	-	4"	12"	5/8"x 6" TITEN HD	HD01	

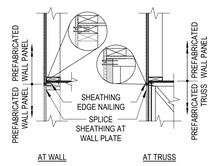
WOOD STUD AND SHEAR WALL SCHEDULE NOTES:

1. REFER TO "TYPICAL SHEAR WALL ELEVATION(S)" FOR SHEAR WALL CONSTRUCTION INFORMATION. WALL ELEVATION IS A SCHEMATIC REPRESENTATION OF VARIOUS FRAMING CONDITIONS THAT MAY EXIST AND DOES NOT NECESSARILY REPRESENT SPECIFIC PROJECT CONDITIONS.
2. BW (BEARING) AND SW (SHEAR) WALLS WITH THE SAME MARK NUMBER (##) HAVE THE SAME STUD CONFIGURATIONS. SHEATHING AND HOLDDOWN INFORMATION IS ONLY APPLICABLE TO SW WALLS:
   A. WALLS MARKED "BW##" ON PLAN ARE USED AS GRAVITY-LOAD **BEARING WALLS ONLY**
   B. WALLS MARKED "SW##" ON PLAN ARE USED AS GRAVITY-LOAD **BEARING WALLS AND SHEAR WALLS**.
3. SHEATHING IN SCHEDULE IS FOR SW (SHEAR) WALLS ONLY. ADDITIONAL MATERIAL AND SHEATHING MAY BE REQUIRED. REFER TO ARCHITECTURAL WALL ASSEMBLIES AND "TYPICAL SHEATHING PLACEMENT DIAGRAMS", THIS SHEET.
   A. "OSB" SHEATHING TYPE TO BE 15/32" THICK MINIMUM OSB OR PLYWOOD APA RATED STRUCTURAL-1 SHEATHING. SHEATHING MUST BE MARKED WITH MANUFACTURER'S STAMP INDICATING THE STRUCTURAL 1 RATING.
   B. "GYP" SHEATHING TYPE TO BE 5/8" THICK MINIMUM GYPSUM WALL BOARD.
4. ALL WALLS INDICATED AS "BLOCKED" SHALL HAVE STUD BLOCKING (2" NOMINAL OR WIDER) AT HORIZONTAL SHEATHING BUTT JOINTS, AND ALL SHEATHING EDGE LOCATIONS.
5. PROVIDE BLOCKING MATCHING SPECIES AND GRADE OF WALL STUDS BETWEEN STUDS AT MID-HEIGHT OF ALL WALLS UNLESS NOTED OTHERWISE.
6. FASTENERS SHALL NOT BE OVER-DRIVEN INTO SHEATHING. STAPLES SHALL NOT BE USED IN ANY CASE.
7. FASTENERS FOR OSB / PLYWOOD SHEATHED WALLS SHALL BE COMMON OR BOX NAILS:
   A. 8d NAILS TO HAVE 1 3/8" (MINIMUM) PENETRATION.
   B. 10d NAILS TO HAVE 1 1/2" (MINIMUM) PENETRATION.
8. FASTENERS FOR GYPSUM WALL BOARD SHEATHED WALLS:
   A. 6d - COOLER OR WALL BOARD NAILS OR 1 1/4" TYPE W OR S DRYWALL SCREWS. [0.0915" X 1 7/8" LONG WALLBOARD OR 0.120" X 1 3/4" LONG NAIL MAY BE SUBSTITUTED FOR 6d COOLER NAIL].
   B. 8d - COOLER OR WALL BOARD NAILS
9. PROVIDE A MINIMUM OF 2 ANCHORS PER WALL PLATE. ANCHORS ARE TO BE LOCATED NO MORE THAN 12" AND NO LESS THAN 4" FROM END OF BOTTOM PLATES, TYPICAL.
10. SHEAR WALLS ARE DESIGNED FOR OPENINGS SHOWN ON PLANS ONLY. NO OTHER OPENINGS SHALL BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER. PENETRATIONS THROUGH SHEAR WALL SHEATHING GREATER THAN ARE NOT PERMITTED.
11. SHEAR WALLS ARE DESIGNED TO BE CONTINUOUS FOR ENTIRE LENGTH SHOWN ON PLAN. REFER TO "TYPICAL PREFABRICATED WALL PANEL SPLICE DETAILS", THIS SHEET, FOR CONNECTIONS BETWEEN SHOP-FABRICATED WALL PANELS AT CONTINUOUS (VERTICALLY ALIGNED AND HORIZONTAL) SHEAR WALLS.
12. SHEAR WALL HOLD DOWNS SHALL BE PROVIDED AT LOCATIONS AS INDICATED ON FRAMING PLANS. REFER TO SHEAR WALL HOLD DOWN SCHEDULE FOR HOLD DOWN CONNECTION INFORMATION.
13. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO:
   A. FIRE RESISTANCE RATING
   B. UL ASSEMBLIES
   C. NON-COMBUSTIBLE CONSTRUCTION
   D. FIRE-BLOCKING
   E. ACOUSTIC PERFORMANCE
   F. DRAFT STOPPING
14. STUD SIZES SHOWN IN SCHEDULE ARE MINIMUM REQUIRED. WHERE STRUCTURAL OR ARCHITECTURAL PLANS DIFFER, THE LARGER SIZE SHALL BE INSTALLED.
15. REFER TO "GENERAL WOOD FRAMING DETAILS" SHEET FOR REQUIREMENTS AT WALL PENETRATIONS THROUGH WALL PLATES AND STUDS. PENETRATIONS SHALL NOT BE PLACED IN SHEAR WALL END POSTS.

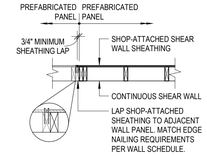


EXTERIOR WALL

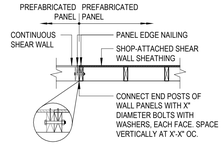
TYPICAL SHEATHING PLACEMENT



VERTICAL EXTERIOR WALL PANEL SPLICE



HORIZONTAL WALL PANEL SPLICE - OPTION A



HORIZONTAL WALL PANEL SPLICE - OPTION B

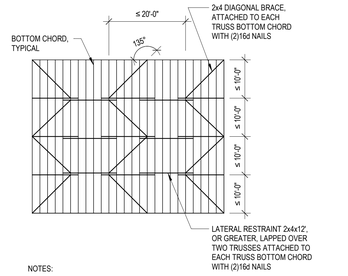
TYPICAL PREFABRICATED WALL PANEL SPLICE DETAILS

WOOD TRUSS SCHEDULE

MARK	TYPE	DEPTH	SPACING	TOP CHORD LOADING[2]		BOTTOM CHORD LOADING[2]		REMARKS
				DEAD (PSF)	SNOW (PSF)[3]	DEAD (PSF)	MISC. (PSF)	
T1	I		24"	10	25	10	10	
T2	II		24"	10	25	10	10	

ROOF TRUSS SCHEDULE NOTES:

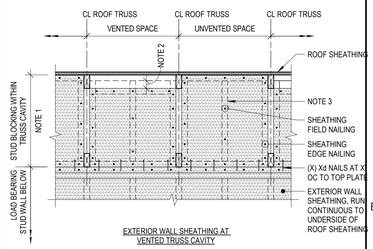
1. BEARING CONDITIONS VARY. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS INCLUDING SPAN WIDTH, LENGTH OF OVERHANG AND SLOPED TOP CHORD PITCH.
2. LOADS IN SCHEDULE ARE UNIFORM LOADS ON PROJECTED SURFACE.
   A. TOP CHORD DEAD IS SUPERIMPOSED AND INCLUDES DECK AND 1/2 MEP.
   B. BOTTOM CHORD DEAD IS SUPERIMPOSED AND INCLUDES INSULATION, CEILING AND 1/2 MEP.
3. REFER TO "WOOD FRAMING DEFLECTION LIMITS" FOR WOOD FRAMING FOR DEFLECTION LIMITS AT TRUSS MEMBERS.
4. REFER TO COMPONENTS AND CLADDING DESIGN WIND PRESSURES TABLE FOR WIND PRESSURES APPLIED AT ROOF TRUSSES.
5. REFER TO SNOW DRIFT TABLE FOR DRIFTING SNOW LOADING AND LOCATIONS. SNOW DRIFT LOAD IS IN ADDITION TO FLAT ROOF SNOW LOAD.
6. OTHER MECHANICAL ROOFTOP UNIT VERIFY AND COORDINATE ALL DIMENSIONS AND LOADS WITH MECHANICAL EQUIPMENT SUPPLIER.
7. TRUSS WEB MEMBER LAYOUT IS TO BE BY SUPPLIER AS REQUIRED BY DESIGN. LAYOUT MUST BE COORDINATED WITH DUCTWORK REQUIREMENTS.
8. TRUSSES MAY BE FABRICATED IN MULTIPLE PARTS AND ASSEMBLED IN THE FIELD AS DESIGN WILL ALLOW.
9. DESIGN OF ROOF TRUSSES MUST ACCOUNT FOR CONCENTRATED LOADING FROM OVERBUILD CONSTRUCTION.
10. AREAS INDICATED AS OVERBUILD ON PLAN MAY BE FABRICATED AS PART OF THE TRUSSES AT THE CONTRACTOR'S OPTION.
11. HEADER OR GIRDER TRUSS PROFILES ARE ASSUMED TO BE (2) WIDE AS A NUMBER OF 2x PLYS.
12. SOME TRUSSES MAY REQUIRE HANGERS AT ENDS WHERE SUPPORTED BY GIRDER TRUSSES. HANGERS AND TRUSS WEB AND/OR CHORD MEMBER SIZES ARE TO BE DESIGNED BY TRUSS SUPPLIER. WIDTH MUST BE ADEQUATE TO FULLY SUPPORT TRUSS HANGERS.
13. REFER TO "GENERAL WOOD FRAMING SCHEDULES" FOR MINIMUM NAILING REQUIREMENTS AT WOOD FRAMING.
14. REFER TO "WOOD STUD AND SHEAR WALL" SCHEDULE FOR BLOCKING REQUIREMENTS AT BEARING.
15. REFER TO "WOOD TRUSS" SCHEDULE(S) AND NOTES FOR ADDITIONAL DESIGN CRITERIA.
16. WOOD TRUSS DESIGNER TO REVIEW ARCHITECTURAL DRAWINGS FOR ADA ACCESSIBLE SHOWER LOCATIONS AND PROVIDE DEPRESSED TOP CHORD AS REQUIRED.
17. PLAN MAY INDICATE PROPOSED CONNECTORS IN SOME CASES BASED ON ASSUMED TRUSS CONFIGURATIONS. TRUSS SUPPLIER SHALL PROVIDE ALL CONNECTION HARDWARE AS REQUIRED WHERE TRUSSES ARE SUPPORTED BY HEADER TRUSSES BASED UPON ACTUAL TRUSS REACTIONS.



NOTES:

1. IF CONTINUOUS LATERAL RESTRAINT IS PROVIDED FOR WEB MEMBERS OR IF SWAY BRACING IS PROVIDED, LOCATE BOTTOM CHORD BRACING AT EACH LINE OF SUCH BRACING AND SPACED NO MORE THAN 10 FEET ON CENTER.

TYPICAL TRUSS BRACING LAYOUT



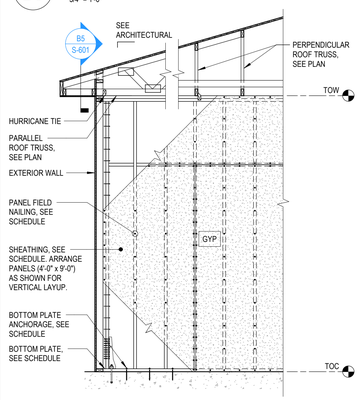
EXTERIOR WALL SHEATHING AT VENTED TRUSS CAVITY

NOTES:

1. PROVIDE STUD BLOCKING AT EVERY PANEL EDGE AND BETWEEN TRUSS TOP AND BOTTOM CHORDS. COORDINATE TRUSS BEARING DEPTH AT ENDS WITH ARCHITECTURAL DETAILS.
2. PROVIDE GAP AS REQUIRED TO MEET OPEN-AIR REQUIREMENTS. COORDINATE WITH ARCHITECTURAL DRAWINGS.
3. MAXIMUM UNSUPPORTED SHEATHING SPAN IS X'-X". PROVIDE INTERMEDIATE SQUASH BLOCKING BETWEEN TRUSSES WHEN TRUSS SPACING IS GREATER THAN X'-X" OC.

B5 PITCHED ROOF TRUSS BEARING

3/4" = 1'-0"



TYPICAL SINGLE-STORY BEARING AND SHEAR WALL ELEVATION

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CLIENT:

QUASIUS CONSTRUCTION CO. SHEBOYGAN, WI

PROJECT TITLE:

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:

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SHEET TITLE:

WOOD WALL AND LATERAL, AND PREFABRICATED TRUSS SCHEDULES AND DETAILS

SHEET NUMBER:

S-601

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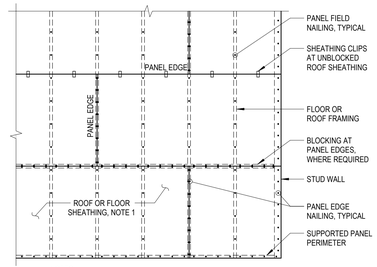
WOOD ROOF SHEATHING SCHEDULE

MARK	SHEATHING TYPE (THICKNESS)	SHEATHING FASTENERS	FASTENER SPACING		BLOCKED	REMARKS
			EDGE[2]	FIELD		
WF01	OSB OR PLYWOOD (19/32")	10d	6" OC	12" OC	NO	

WOOD FLOOR / SHEATHING SCHEDULE NOTES:

1. REFER TO "TYPICAL FLOOR / ROOF SHEATHING PLAN" FOR CONSTRUCTION INFORMATION.
2. REFER TO "GENERAL WOOD FRAMING DETAILS" FOR FRAMING AROUND FLOOR AND ROOF OPENINGS.
3. SHEATHING IS DESIGNED BASED ON FRAMING SPACING OF 24" OC (MAXIMUM).
4. SHEATHING TO BE APA RATED OSB OR PLYWOOD. STRUCTURAL 1 RATED SHEATHING MUST BE MARKED WITH MANUFACTURER'S STAMP INDICATING RATING.
5. SHEATHING INDICATED AS "BLOCKED" SHALL HAVE WOOD BLOCKING (2" NOMINAL OR WIDER) AT HORIZONTAL SHEATHING BUTT JOINTS, ALL SHEATHING EDGE LOCATIONS.
6. FASTENERS SHALL NOT BE OVER-DRIVEN INTO SHEATHING. STAPLES SHALL NOT BE USED IN ANY CASE.
7. FASTENERS FOR OSB / PLYWOOD SHEATHING SHALL BE COMMON OR BOX NAILS:
   A. 8d NAILS TO HAVE 1 3/8" (MINIMUM) PENETRATION.
   B. 10d NAILS TO HAVE 1 1/2" (MINIMUM) PENETRATION.
8. FASTENING TO BE PROVIDED AT PANEL EDGES, SUPPORTS, PERIMETER, AND BLOCKING.
9. FASTENERS AND ANCHORS IN CONTACT WITH PRESERVATIVE-TREATED WOOD, OR EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.
10. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO:
    A. FIRE RESISTANCE RATING
    B. UL ASSEMBLIES
    C. NON-COMBUSTIBLE CONSTRUCTION
    D. ACOUSTIC PERFORMANCE



NOTES:

1. STAGGER PANEL JOINTS UNLESS OTHERWISE NOTED ON PLAN.

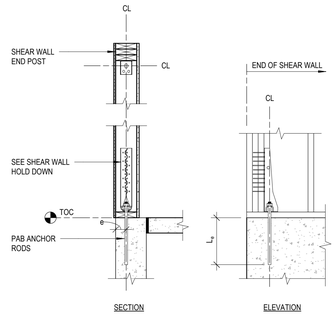
TYPICAL FLOOR / ROOF SHEATHING PLAN

WOOD SHEAR WALL HOLD DOWN SCHEDULE

MARK	TYPE	WOOD WALL HOLD DOWN			ADHESIVE ANCHOR OR BOLTS				REMARKS
		MODEL NUMBER[1]	MINIMUM END POST SIZE[2]	WOOD FASTENERS	DIAMETER D	EMBEDMENT[3] L_e	EDGE DISTANCE e	GRADE OR TYPE[3]	
HD01	-	HDU2	P2-26	(6) 1/4 x 2 1/2 SDS SCREWS	5/8"	9"	2 3/4"	-	

WOOD SHEAR WALL HOLD DOWN SCHEDULE NOTES:

1. HOLD DOWNS ARE TO BE PROVIDED AT LOCATIONS INDICATED ON STRUCTURAL FRAMING PLANS. WHERE WALLS ARE INTERRUPTED BY INTERSECTING WALL ELEMENTS, STRUCTURAL SHEATHING SHOULD REMAIN CONTINUOUS.
2. SPECIFIC LOCATION OF HOLD DOWN MAY ADJUST AS REQUIRED BASED ON FIELD CONDITIONS OR AS GENERAL CONTRACTOR'S OPTION. REFER TO "TYPICAL SHEAR WALL INTERSECTION(S)" FOR ADDITIONAL GUIDANCE ON HOLD DOWN PLACEMENT AND ORIENTATION.
3. HOLD DOWNS SHOWN ON PLANS ARE AT THE BASE OF WOOD FRAMED WALLS AND PROVIDE ANCHORAGE TO STRUCTURAL FRAMING BELOW.
4. INSTALL HOLD DOWNS PER MANUFACTURER'S INSTRUCTIONS. HOLD DOWN MODELS ARE AS MANUFACTURED BY SIMPSON STRONG-TIE. HOLD DOWNS ARE BASED ON WOOD CONSTRUCTION CONNECTORS, C-C-2024.
5. ANCHOR BOLTS ARE TO BE PAB TYPE, ASTM F1554 GRADE 36, AS MANUFACTURED BY SIMPSON STRONG-TIE, UNLESS OTHERWISE NOTED IN DETAILS.
6. USE FASTENERS SHOWN IN LATEST MANUFACTURER'S CATALOG FOR ALL HOLD DOWNS. EMBEDMENT "L_e" AS FOLLOWS UNLESS OTHERWISE SHOWN IN DETAILS:
   A. 5/8" DIAMETER ANCHOR BOLT = 6" EMBED, 3" COVER
   B. 7/8" DIAMETER ANCHOR BOLT = 7" EMBED, 4" COVER
7. EACH STUD IN END POSTS COMPRISED OF MULTIPLE MEMBERS TO BE FASTENED TOGETHER PER BUILT-UP POST SCHEDULE.
8. GENERAL CONTRACTOR SHALL COORDINATE WITH WALL PANEL SUPPLIER AND MAKE ALLOWANCE FOR FIELD INSTALLATION OF HOLD-DOWN ANCHORS PRIOR TO SHEATHING INSTALLATION.
9. STUD SIZES SHOWN IN SCHEDULE ARE MINIMUM REQUIRED. WHERE STRUCTURAL OR ARCHITECTURAL PLANS DIFFER, THE LARGER SIZE SHALL BE INSTALLED.
10. DO NOT DAMAGE CONCRETE REINFORCEMENT FOR ANCHOR INSTALLATION. COORDINATE WITH CONCRETE CONTRACTOR.



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SHEAR WALL HOLD DOWN AND LATERAL SCHEDULES

SHEET NUMBER:

S-602

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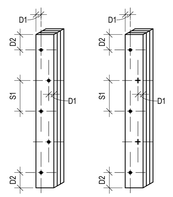
WOOD POST SCHEDULE

MARK[1]	(QUANTITY) SIZE	BUILT-UP POST FASTENING				
		FASTENING[2]	PATTERN TYPE	ROW SPACING, S1	EDGE DISTANCE, D1	END DISTANCE, D2
P2-26	(2) 2x6	10d	I	8"	1 1/2"	3 1/2"
EP1-66	(1) 5 1/4x5 1/4	-	-	-	-	-
EP1-68	(1) 5 1/4x7	-	-	-	-	-

WOOD POST SCHEDULE NOTES:

1. FRAMING WITH PLAN MARK:
   A. EP (QUANTITY) - (NOMINAL WIDTH_NOMINAL LENGTH IN INCHES) ARE PSL ENGINEERED STRUCTURAL COMPOSITE LUMBER POSTS.
2. NAIL FASTENERS FOR SHALL BE COMMON OR BOX NAILS. MINIMUM FASTENER LENGTH SHALL BE SUCH THAT ALL FASTENERS PENETRATE ALL PLIES AND PENETRATE THE OUTERMOST PLY BY MINIMUM 1 1/8".
3. WHEN LOCATED WITHIN WALL: POST ORIENTATION TO MATCH WALL ORIENTATION. COORDINATE WITH WOOD STUD AND SHEAR WALL SCHEDULE.
4. BUILT-UP COLUMNS SHALL NOT EXCEED 5-PLIES.
5. SIMPSON SDW TRUSS-PLY SCREWS MAY BE SUBSTITUTED FOR COMMON NAILS AT THE CONTRACTOR'S OPTION.
6. WHERE BOLTS ARE REQUIRED, A METAL PLATE OR WASHER IS REQUIRED BOTH SIDES BETWEEN THE WOOD AND THE BOLT HEAD OR NUT.
7. POST SIZES SHOWN ARE MINIMUM. CONTRACTOR MAY USE LARGER SECTION, OF EQUAL OR BETTER MATERIAL STRENGHT, IF REQUIRED TO FULLY SUPPORT ENGINEERED FRAMING MEMBERS. LARGER COLUMNS MUST FIT WITHIN WALL ASSEMBLY.
8. POSTS SHALL BE CARRIED TO FOUNDATION OR PODIUM LEVELS AT MULTI-STORY CONDITIONS. PROVIDE EQUIVALENT SIZE SOLID BLOCKING THROUGH UNDERLYING FLOOR AND WALL ASSEMBLIES AS REQUIRED FOR FULL LOAD TRANSFER.



- INDICATES FASTENER DRIVEN FROM NEAR SIDE.
+ INDICATES FASTENER DRIVEN FROM FAR SIDE.

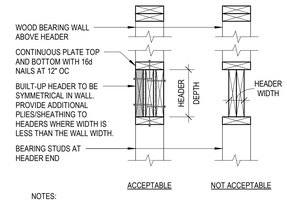
TYPE I

HEADER SCHEDULE

MARK[1]	(QUANTITY) SIZE	BEARING STUDS, EACH END	FULL-HEIGHT STUDS, EACH END
			LEVEL 01
H2-8	(2) 2x8	(1) 2x4	(5) 2x4
EH3-16	(3) 1 3/4x16	-	-

HEADER/WOOD BEAM SCHEDULE NOTES:

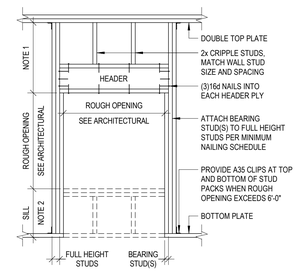
1. REFER TO GENERAL NOTES FOR MATERIAL PROPERTIES. FRAMING WITH PLAN MARK:
   A. H (QUANTITY) - (NOMINAL DEPTH IN INCHES) ARE SAWN LUMBER HEADERS OR BEAMS.
   B. EH (QUANTITY) - (NOMINAL DEPTH IN INCHES) ARE LVL ENGINEERED STRUCTURAL COMPOSITE LUMBER HEADERS OR BEAMS.
2. FULL-HEIGHT AND BEARING STUDS SHOULD MATCH WALL STUD DEPTH AND GRADE UNLESS NOTED OTHERWISE.
3. SEE "TYPICAL HEADER ELEVATION(S)" THIS SHEET FOR HEADER DETAILS.
4. SEE "MULTI-PLY HEADER BUILDOUT" DETAIL THIS SHEET FOR FASTENING DETAILS. AT STRUCTURAL COMPOSITE LUMBER HEADERS, SEE MULTIPLE MEMBER CONNECTIONS FOR ENGINEERED BEAMS DETAIL.
5. FOR HEADERS NOT SHOWN ON PLAN, REFER TO TYPICAL HEADER SCHEDULE FOR SIZES.



NOTES:

1. ADDITIONAL PLIES SHALL MATCH THE MATERIAL PROPERTIES OF THE SPECIFIED HEADER.
2. FASTEN PLIES TOGETHER PER MULTIPLE MEMBER CONNECTION DETAILS.

TYPICAL MULTI-PLY
HEADER BUILDOUT



NOTES:

1. IF ROUGH OPENING HEIGHT ALLOWS, A SINGLE FULL-DEPTH HEADER OF EQUAL OR GREATER DEPTH MAY BE USED.
2. COORDINATE SILL ELEVATIONS AND LOCATIONS, WHERE PRESENT, WITH ARCHITECTURAL DRAWINGS.

TYPICAL SINGLE STORY
HEADER ELEVATION

MINIMUM FASTENING SCHEDULE

CONNECTION	FASTENING [1, 12]	LOCATION
1. JOIST TO SILL OR GIRDER	(3) 8d COMMON (3) 3" x 0.131" NAILS	TOENAIL
2. BRIDGING TO JOIST	(2) 8d COMMON (2) 3" x 0.131" NAILS	TOENAIL EACH END
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST	(2) 8d COMMON	FACE NAIL
4. WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST	(3) 8d COMMON	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	(2) 16d COMMON	BLIND AND FACE NAIL
6. BOTTOM PLATE TO JOIST OR BLOCKING BOTTOM PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	16d AT 16" OC 3" x 0.131" NAILS AT 8" OC (3) 16d AT 16" OC (4) 3" x 0.131" NAILS AT 16" OC	TYPICAL FACE NAIL BRACED WALL PANELS
7. TOP PLATE TO STUD	(4) 8d COMMON (4) 3" x 0.131" NAILS (2) 16d COMMON (3) 3" x 0.131" NAILS	TOE NAIL END NAIL
8. STUD TO SILL PLATE	(4) 8d COMMON (4) 3" x 0.131" NAILS (2) 16d COMMON (3) 3" x 0.131" NAILS	TOENAIL END NAIL
9. DOUBLE STUDS	16d AT 16" OC 3" x 0.131" NAILS AT 8" OC	FACE NAIL
10. DOUBLE TOP PLATES DOUBLE TOP PLATES	16d AT 16" OC 3" x 0.131" NAILS AT 12" OC (8) 16d COMMON (12) 3" x 0.131" NAILS	TYPICAL FACE NAIL LAP SPLICE
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3) 8d COMMON (3) 3" x 0.131" NAILS	TOENAIL
12. RIM JOIST TO TOP PLATE	8d AT 6" OC 3" x 0.131" NAIL AT 6" OC	TOENAIL
13. TOP PLATES, LAPS AND INTERSECTIONS	(2) 16d COMMON (3) 3" x 0.131" NAILS	FACE NAIL
14. CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" OC ALONG EDGE
15. CEILING JOISTS TO PLATE	(3) 8d COMMON (3) 3" x 0.131" NAILS	TOENAIL
16. CONTINUOUS HEADER TO STUD	(4) 8d COMMON	TOENAIL
17. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	(3) 16d COMMON MINIMUM, TABLE 2308.7.3.1 (4) 3" x 0.131" NAILS	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	(3) 16d COMMON MINIMUM, TABLE 2308.7.3.1 (4) 3" x 0.131" NAILS	FACE NAIL
19. RAFTER TO PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.5)	(3) 16d COMMON MINIMUM, TABLE2308.7.5 (4) 3" x 0.131" NAILS	TOENAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	(2) 8d COMMON (2) 3" x 0.131" NAILS	FACE NAIL
21. 1" x 8" SHEATHING TO EACH BEARING WALL	(3) 8d COMMON	FACE NAIL
22. WIDER THAN 1"x8" SHEATHING TO EACH BEARING	(3) 8d COMMON	FACE NAIL
23. BUILT-UP CORNER STUDS	16d COMMON 3" x 0.131" NAILS	16" OC 12" OC
24. BUILT-UP GIRDER AND BEAMS (2) 20d COMMON (3) 3" x 0.131" NAILS	20d COMMON 32" OC 3" x 0.131" NAIL AT 24" OC	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS AND AT EACH SPLICE
25. 2" PLANKS	(2) 16d COMMON	AT EACH BEARING
26. COLLAR TIE TO RAFTER	(3) 10d COMMON (4) 3" x 0.131" NAILS	FACE NAIL
27. JACK RAFTER TO HIP	(3) 10d COMMON (4) 3" x 0.131" NAILS (2) 16d COMMON (3) 3" x 0.131" NAILS	TOENAIL FACE NAIL
28. ROOF RAFTER TO 2-BY RIDGE BEAM	(3) 10d COMMON (4) 3" x 0.131" NAILS (2) 16d COMMON (3) 3" x 0.131" NAILS	TOENAIL END NAIL
29. JOIST TO BAND JOIST	(3) 16d COMMON (4) 3" x 0.131" NAILS	END NAIL
30. LEDGER STRIP	(3) 16d COMMON (4) 3" x 0.131" NAILS	FACE NAIL
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD: [2] SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING): SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING):	(3) 16d COMMON (4) 3" x 0.131" NAILS 1/2" AND LESS: 6d [3]; 2 3/8" x 0.113" NAIL [13]; 1 3/4" 16 GAGE [14] 19/32" TO 3/4": 8d [4] OR 6d [5]; 2 3/8" x 0.113" NAIL [15]; 1 3/4" 16 GAGE [15] 7/8" TO 1": 8d [3] 1 1/8" TO 1 1/4": 10d [4] OR 8d [3] 3/4" AND LESS: 6d [3] 7/8" TO 1": 8d [5] 1 1/8" TO 1 1/4": 10d [4] OR 8d [3]	
32. PANEL SIDING (TO FRAMING)	1/2" AND LESS: 6d [6] 5/8": 8d [6]	
33. FIBERBOARD SHEATHING: [7]	1/2": NO. 11 GAGE ROOFING NAIL [8]; 6d COMMON NAIL 25/32": NO. 11 GAGE ROOFING NAIL [8]; 8d COMMON NAIL	
34. INTERIOR PANELING	1/4": 4d [9] 3/8": 6d [10]	
35. RIM BOARD TO TRUSS CONNECTION	(5) 16d COMMON	FACE NAIL
36. BOTTOM PLATE TO RIM BOARD	16d COMMON AT 12" OC	
37. RIM BOARD TO TOP PLATE	10d COMMON AT 7" OC	TOE NAIL
38. FLOOR SHEATHING TO RIM BOARD	10d COMMON AT 6" OC	
39. ROOF SHEATHING TO RIM BOARD	10d COMMON AT 6" OC	
40. RIM BOARD TO 2x JOIST	(3) 16d COMMON	FACE NAIL

MINIMUM FASTENING SCHEDULE NOTES:

1. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
2. NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2304. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
3. COMMON OR DEFORMED SHANK.
4. COMMON.
5. DEFORMED SHANK.
6. CORROSION-RESISTANT SIDING OR CASING NAIL.
7. FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
8. CORROSION-RESISTANT ROOFING NAILS WITH 7/16 INCH DIAMETER HEAD AND 1 1/2 INCH LENGTH FOR 1/2 INCH SHEATHING AND 1 3/4 INCH LENGTH FOR 25/32 INCH SHEATHING.
9. CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
10. PANEL SUPPORTS AT 24 INCHES. CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
11. FOR ROOF SHEATHING APPLICATIONS, 8d NAILS ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.
12. THE USE OF STAPLES IS PROHIBITED.
13. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.
14. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.
15. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.

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CLIENT:

QUASIUS
CONSTRUCTION CO.
SHEBOYGAN, WI

PROJECT TITLE:
EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:
2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:

PROJECT NUMBER:	2025-0141.00
DATE:	10/1/2025
DRAWN BY:	MTD
CHECKED BY:	TAC
APPROVED BY:	
SCALE:	AS NOTED

SHEET TITLE:
GENERAL WOOD FRAMING SCHEDULES

SHEET NUMBER:
S-603

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GENERAL NOTES

1. CONTRACTUAL OBLIGATION: THE GC SHALL ABIDE BY AND BE RESPONSIBLE FOR ALL REQUIREMENTS STATED IN THE AIA DOCUMENT A201 - GENERAL CONDITIONS (CURRENT ISSUE), UNLESS NOTED OTHERWISE.
2. GENERAL CONDITIONS: THE GC SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, UTILITIES, INSURANCE, TRANSPORTATION, AND PAY FOR ALL REQUIRED TAXES, PERMITS, AND SERVICES REQUIRED TO COMPLETE THE ENTIRE SCOPE OF WORK, WHETHER TEMPORARY OR PERMANENT. ALL MATERIALS EXCEPT TEMPORARY FORMS ARE TO BE NEW, UNUSED AND OF THE SPECIFIED QUALITY. THE GC SHALL MAINTAIN THE PROJECT SITE IN A CLEAN AND ORDERLY FASHION. TOOLS AND EQUIPMENT SHALL BE SECURED, AND ALL DEBRIS SHALL BE REMOVED DAILY. THE GC SHALL MAINTAIN A VISITORS LOG. ALL VISITORS SHALL BE REQUIRED TO SIGN SUCH LOG. DATES AND TIMES OF ENTERING AND EXITING THE SITE FOR ALL VISITORS SHALL BE NOTED. GC TO SECURE PROJECT SITE FROM UNAUTHORIZED ENTRY AT ALL TIMES. COORDINATE LOCATION OF BARRICADES OR TEMPORARY FENCING WITH THE DOCUMENTS AND OWNER. THE GC SHALL PHOTOGRAPH THE PROJECT SITE AND EXISTING CONDITIONS PRIOR TO THE BEGINNING OF THE WORK. PHOTOGRAPHS SHALL BE TAKEN OF THE PROGRESS OF THE WORK AT INTERVALS NO GREATER THAN 7 CALENDAR DAYS. PHOTOGRAPHS SHALL BE IN COLOR AND IDENTIFIED BY DATE AND TIME OF DAY. MAINTAIN DIGITAL PHOTOGRAPHS FILE ON SITE. DELIVER COMPLETED FILE TO THE ARCHITECT UPON RECEIPT OF USE AND OCCUPANCY PERMIT. THE GC SHALL MAINTAIN AN ON-SITE STAGING AREA AND SHALL KEEP THE AGENCY APPROVED CONSTRUCTION DOCUMENTS, ALL LICENSING INFORMATION, VISITORS LOG, PHOTOGRAPH FILE, AND AT LEAST ONE SET OF REPRODUCIBLE RECORD SET TO THE ARCHITECT UPON COMPLETION OF THE WORK, AND PROVIDE PROFESSIONAL CLEANING SERVICE TO CLEAN THE PROJECT SITE, INTERIOR AND EXTERIOR, FOR FINAL OCCUPANCY.
3. GRAPHICS: EXISTING CONSTRUCTION (PARTITIONS, DOORS, PLUMBING FIXTURES, CASEWORK, EQUIPMENT, ETC.) IS INDICATED ON THE FLOOR PLANS, WITH LINES IN A LIGHTER SHADE (SCREENED). EXISTING WALLS TO REMAIN ARE POCHED. NEW CONSTRUCTION IS INDICATED BY FULL INTENSITY (SOLID) LINES. ITEMS TO BE DEMOLISHED ARE INDICATED IN LIGHT FINELY DASHED LINES.
4. INTERPRETATION: THE ARCHITECT IS SOLELY RESPONSIBLE FOR THE DESIGN INTERPRETATION OF THE CONSTRUCTION DOCUMENTS.
5. DOCUMENT DISCREPANCIES: WHENEVER THERE ARE DISCREPANCIES IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BASE HIS BID UPON THE BETTER QUALITY OR GREATER QUANTITY OF THE MATERIAL OR WORK DESCRIBED.
6. DRAWING SCALE: THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
7. FIELD CONDITIONS: THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AT ONCE. NO ALLOWANCE WILL BE MADE ON BEHALF OF THE CONTRACTOR OR SUBCONTRACTORS FOR FAILURE TO VISIT THE SITE.
8. CONSTRUCTION MEANS... PROCEDURES: THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF WORK UNDER THE CONTRACT, UNLESS CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. ANY WORK THAT MUST BE REMOVED OR RELOCATED DUE TO LACK OF COORDINATION OF THE TRADES IS SOLELY THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL MAINTAIN A SECURE SITE THROUGHOUT THE CONSTRUCTION PROCESS.
9. BUILDING SYSTEMS: THE GC SHALL COORDINATE THE LOCATION AND INSTALLATION OF ALL BUILDING SYSTEMS AND EQUIPMENT. THE GC SHALL COORDINATE ALL BUILDING TRADES TO ASSURE ALL REQUIRED CLEARANCES FOR OPERATION AND MAINTENANCE OF ALL EQUIPMENT AND SYSTEMS AS REQUIRED BY CODE, THESE DOCUMENTS, OR MANUFACTURER'S RECOMMENDATIONS ARE MET OR EXCEEDED. LACK OF SPECIFIC DETAILS SHALL NOT BE AN EXCUSE FOR IMPROPER INSTALLATION OF ANY MATERIAL, DEVICE OR SYSTEM. WHERE DETAILS ARE NOT PROVIDED, THE GC SHALL REFER TO THE PRINTED MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION GUIDELINES. ALL INSTALLED SYSTEMS AND DEVICES ARE TO OPERATE QUIETLY AND WITHOUT EXCESSIVE VIBRATION. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS: MECHANICAL, ELECTRICAL, LIGHTING, PLUMBING, AND TELEPHONE EQUIPMENT.
10. CLEARANCES: THE CONTRACTOR SHALL COORDINATE WITH ALL BUILDING TRADES INVOLVED IN THE PROJECT FOR PREPARATION OF COMPOSITE SHOP DRAWINGS FOR EACH FLOOR TO INSURE PROPER CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, ETC., WHILE MAINTAINING THE SPECIFIED CEILING HEIGHTS NOTED ON THE DRAWINGS. CLARIFY ANY CONFLICTS WITH ARCHITECT.
11. LOCATIONS: ELECTRICAL PANELS, TELEPHONE EQUIPMENT, FIRE EXTINGUISHERS, FIRE PULLS, LIGHTS/HORNS, SMOKE DETECTORS, THERMOSTATS, ETC., SHALL BE LOCATED IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING AGENCIES. ANY LOCATION NOT SPECIFICALLY SHOWN SHALL BE VERIFIED WITH ARCHITECT PRIOR TO ROUGH-OUT AND INSTALLATION. UNLESS OTHERWISE NOTED, THE ABOVE PANELS AND/OR EQUIPMENT SHALL BE FULLY RECESSED AND SHALL MAINTAIN THE INTEGRITY OF WALL FIRE RATING REQUIREMENTS.
12. GOVERNING AGENCIES: THE GC AND ALL OF THEIR FORCES SHALL COMPLY WITH ALL REGULATIONS BY ANY GOVERNING AGENCY WITH JURISDICTION OVER THE PROJECT OR PROJECT SITE.
13. PERMIT/INSPECTIONS: UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK. THE CONTRACTOR SHALL COMPLY WITH AND GIVE NOTICES REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL OBTAIN AN OCCUPANCY PERMIT AS REQUIRED FROM THE GOVERNING CODES. SUBMIT ONE COPY OF THE PERMIT TO THE OWNER WITH FINAL APPLICATION OF PAYMENT.
14. LIFE SAFETY TESTING: THE GC SHALL PROVIDE THE OWNER AND THE LOCAL FIRE DEPARTMENT WRITTEN NOTICE NINETY-SIX (96 HOURS) IN ADVANCE OF ANY LIFE SAFETY SYSTEM SHUT DOWN OR TESTING. THE GC SHALL TELEPHONE THE FIRE DEPARTMENT IMMEDIATELY PRIOR TO SUCH TESTING OR SHUT DOWN TO INFORM THEM OF THE EXACT TIME OF THE ANTICIPATED ALARM CONDITION. THE GC SHALL NOTIFY THE FIRE DEPARTMENT IMMEDIATELY UPON COMPLETION OF THE TEST OR SHUT DOWN TO RE-ESTABLISH EMERGENCY RESPONSE TO ALARM CONDITIONS.
15. DOORS: UNDERCUTTING OF DOORS SHALL BE DONE IN ACCORDANCE WITH NFPA 80 (CURRENT ISSUE) TABLE 1-1 1.4.
16. BLOCKING: PROVIDE METAL STUD BLOCKING IN PARTITIONS BEHIND ALL WALL-HUNG OR WALL MOUNTED EQUIPMENT, MILLWORK, SHELVING OR OTHER DEVICES.
17. TOXIC MATERIAL: IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC MATERIAL, WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED, SEAL OFF THE PERIMETER, AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT IN WRITING. NO NEW BUILDING MATERIAL SHALL CONTAIN ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC MATERIAL AS DEFINED BY STATE AND FEDERAL REGULATORY AGENCIES.
18. PARTITIONS: PARTITIONS EXTENDING TO THE STRUCTURE ABOVE SHALL BE TIGHTLY SEALED. THE INTEGRITY OF RATED ASSEMBLIES AND SMOKE BARRIERS SHALL BE MAINTAINED AT CORNERS AND INTERSECTIONS OF LOWER PRIORITY PARTITIONS. ALL HORIZONTAL AND VERTICAL FIRE AND/OR SMOKE BARRIERS, INCLUDING ALL FLOOR STRUCTURES, SHALL BE CONTINUOUS FROM OUTSIDE WALL TO OUTSIDE WALL, FROM ONE BARRIER TO ANOTHER, OR COMBINATION THEREOF. BARRIERS MUST BE CONTINUOUS THROUGH CONCEALED SPACES AND INTERSTITIAL SPACES. SEAL COMPLETELY ALL OPENINGS WITH UL (OR OTHER TESTING AGENCY) APPROVED ASSEMBLIES WHERE FIRE BARRIERS ARE PENETRATED OR ABUT OTHER FIRE BARRIERS, EXTERIOR WALLS, AND FLOORS ABOVE AND BELOW BARRIER. ALL FIRE BARRIERS ARE TO BE CONSTRUCTED ACCORDING TO THE TESTING LABORATORY SPECIFICATIONS. ALL SMOKE BARRIERS SHALL BE A MINIMUM OF 1-HOUR FIRE RESISTANT CONSTRUCTION. CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND ALL FIRE RATED WALLS SHALL BE PERMANENTLY IDENTIFIED WITH STENCILING. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. STENCILING TO BE IN RED LETTERS, NO LESS THAN 4" TALL WITH A RED BAND EXTENDING THE LENGTH OF THE PARTITION. STENCILED IDENTIFICATION TO READ "(X) HOUR RATED FIRE AND/OR SMOKE BARRIER, PROTECT ALL OPENINGS". STENCILED IDENTIFICATION TO BE POSITIONED TO BE READILY VISIBLE FROM BOTH SIDES OF THE BARRIER AND SUCH THAT FROM ANY ACCESS POINT AT LEAST ONE IDENTIFICATION MARKER MAY BE READ.
19. PENETRATIONS: PENETRATIONS OF PIPES, TUBES, CONDUIT, WIRES, CABLES, DUCTS, VENTS, CABINETS, LIGHTING, AND OTHER FIXTURES THROUGH FIRE RATED ASSEMBLIES SHALL BE INSTALLED AND PROTECTED TO MAINTAIN FIRE RATING.
20. PROTECTION OF FLOOR SURFACES: CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL FINISHED FLOOR SURFACES, EXISTING OR NEW INCLUDING BUT NOT LIMITED TO, CERAMIC TILE, VINYL TILE, CONCRETE, ETC., THROUGHOUT THE CONSTRUCTION PERIOD.
21. COMMUNICATION EQUIPMENT: THE GC SHALL COORDINATE THE WORK THEY ARE RESPONSIBLE FOR WITH THE OWNER'S COMMUNICATION SERVICE PROVIDERS. COORDINATE THE LOCATION OF ALL SYSTEM CONTROLS WITH THE ELECTRICAL SYSTEM INSTALLER, THE OWNER, AND THE ARCHITECT PRIOR TO INSTALLATION. OWNER'S COMMUNICATION PROVIDER TO ASSURE THAT JUXTAPOSING OF ELECTRICAL AND DATA LINES WILL NOT RESULT IN INTERFERENCE, STATIC, OR IN ANY OTHER WAY DISRUPT THE NORMAL FUNCTION OF THE DATA/COMMUNICATION SYSTEM(S).
22. SUBSTRATE PREPARATIONS: ALL SUBSURFACES SHALL BE PROPERLY PREPARED BEFORE APPLICATION OF FINISHES. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR SUBSTRATE CONDITIONS WHERE FINISHES ARE APPLIED.
23. DIMENSION STANDARDS: DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH A +/- SYMBOL. ONLY NORMAL INDUSTRY STANDARD TOLERANCES ARE ACCEPTABLE DEVIATIONS FROM DIMENSIONS INDICATED. DO NOT SCALE DRAWINGS. ALL DIMENSIONS NOTED AS "CLEAR" SHALL MAINTAIN THE FULL SPACE INDICATED WITHOUT ENCROACHMENTS. ALL VERTICAL HEIGHTS INDICATED ARE FROM THE FINISH FLOOR ELEVATION AT THE BASE OF THE ITEM INDICATED, UNLESS NOTED OTHERWISE. WHERE WALLS, JAMBS, OR OTHER ITEMS ARE NOTED TO "ALIGN", THE FACE OF ITEMS INDICATED SHALL BE IN LINE WITH EACH OTHER TO FORM A STRAIGHT LINE, FREE OF OFFSETS OR DEVIATIONS. FIELD VERIFY ALL DIMENSIONS. UNLESS NOTED OTHERWISE, DIMENSIONS ARE ACTUAL, NOT NOMINAL, AS FOLLOWS:
COLUMNS - FROM CENTER LINE TO CENTERLINE
INTERIOR PARTITIONS - FROM STUD FACE TO STUD FACE
CONCRETE/MASONRY - FROM FINISH FACE TO FINISH FACE
EXTERIOR WALLS - FROM EXTERIOR FACE TO INTERIOR FINISH FACE OF WALL

CONTRACTOR NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UNDERGROUND UTILITIES LOCATED AND MARKED PRIOR TO CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ALL UTILITIES, VEGETATION, AND EXISTING CONDITIONS WITHIN THE PROJECT LIMITS DURING CONSTRUCTION.
3. CONTRACTOR TO LAY OUT ALL NEW IMPROVEMENTS AND RECEIVE APPROVAL PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED FOR CONSTRUCTION.

RENOVATION GENERAL NOTES

1. PROTECTION OF EXISTING TO REMAIN: THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR CARPET, FURNISHINGS, AND FINISHES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTOR.
2. SCHEDULING: THE CONTRACTOR SHALL MEET WITH THE OWNER'S AUTHORIZED REPRESENTATIVE WELL IN ADVANCE OF CONSTRUCTION COMMENCEMENT TO:
   A. SCHEDULE, SEQUENCE AND COORDINATE ALL WORK
   B. MAINTAIN EXITS AND EGRESS WIDTHS REQUIRED BY CODES DURING ALL PHASES OF CONSTRUCTION
3. CLEARANCES: THE CONTRACTOR SHALL VERIFY THAT NEW CEILINGS CAN BE INSTALLED IN EXISTING SPACES TO CLEAR DUCTWORK AND OTHER CONSTRUCTED ITEMS AND MAINTAIN FLOOR TO CEILING HEIGHTS INDICATED ON DRAWINGS. IF DISCREPANCIES OCCUR DUE TO EXISTING CONDITIONS, CONSULT WITH THE ARCHITECT BEFORE PROCEEDING.
4. MATERIAL ALIGNMENT: THE FINISH FACE OF MATERIAL OF NEW PARTITIONS SHALL ALIGN ON BOTH SIDES OF THE PARTITION WITH THE FACE OF THE MATERIALS ON EXISTING COLUMNS, WALLS, OR PARTITIONS, UNLESS NOTED OTHERWISE.
5. AS BUILT VERIFICATION: THE CONTRACTOR SHALL VERIFY DIMENSIONS OF AS-BUILT CONDITIONS, AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES. ALL INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS IS BASED ON FIELD OBSERVATIONS AND/OR THE ORIGINAL CONSTRUCTION DOCUMENTS OF THE FACILITY.
6. REMOVAL SURVEY: THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
7. CONSTRUCTION DEFECTS: THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY CONSTRUCTION DEFECTS FOUND IN UNCOVERING WORK IN THE EXISTING CONSTRUCTION.
8. CORRECTING DEFECTIVE WORK: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING DEFECTIVE WORK IN EXISTING CONSTRUCTION WITHIN THE LIMITS OF THE CONSTRUCTION AREA. THIS INCLUDES, BUT IS NOT LIMITED TO, UNEVEN SURFACES AND FINISHES AT PLASTER OR GYPSUM BOARD. THE CONTRACTOR SHALL PATCH AND REPAIR SURFACES TO MATCH NEW ADJACENT SURFACES.
9. PIPING: ALL PIPING ABOVE GRADE AND INSIDE THE BUILDING REQUIRED BY THE CONSTRUCTION DOCUMENTS SHALL BE INSTALLED IN AREAS WHERE IT WILL BE CONCEALED. THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT AND COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISH AREAS.
10. FIXTURE REMOVAL: REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN THE MECHANICAL AND ELECTRICAL DOCUMENTS.
11. COORDINATION: COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS FOR EXTENT OF REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

DEMOLITION GENERAL NOTES

1. ITEMS INDICATED TO BE REMOVED AND SALVAGED REMAIN OWNER'S PROPERTY. REMOVE, CLEAN, AND DELIVER TO OWNER'S DESIGNATED STORAGE AREA.
2. COMPLY WITH EPA REGULATIONS AND HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
3. OWNER WILL OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA. CONDUCT SELECTIVE DEMOLITION SO OWNER'S OPERATION WILL NOT BE DISRUPTED.
4. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.
5. DEMOLISH ITEMS AS INDICATED ON THE DEMOLITION DRAWING.
6. MAINTAIN SERVICES/SYSTEMS NOT INDICATED TO BE DEMOLISHED AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. BEFORE PROCEEDING WITH DEMOLITION, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF THE BUILDING.
7. LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
8. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
9. PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN OR CONSTRUCTION BEING DEMOLISHED.
10. PROVIDE TEMPORARY WEATHER PROTECTION TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.
11. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN. ERECT AND MAINTAIN DUSTPROOF PARTITIONS. COVER AND PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.
    A. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION.
    B. PROMPTLY REMOVE DEMOLISHED MATERIALS FROM OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.

DEFINITIONS AND TERMINOLOGY

"TYPICAL": UNLESS NOTED OTHERWISE, MEANS IDENTICAL FOR ALL CONDITIONS WHICH MATCH ORIGINAL CONDITION INDICATED.

"SIMILAR": MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION OF CONDITIONS, WHICH VARY FROM TYPICAL OR SIMILAR CONDITION INDICATED.

"OPPOSITE HAND": MEANS CONDITION IS MIRROR IMAGE OF DETAIL REFERENCED.

"ALIGN": MEANS ALIGNMENT OF SIMILAR COMPONENTS OF CONSTRUCTION (WALLS, JAMBS, ETC.), WHICH ARE ADJACENT OR THE COMPONENTS SHALL BE IN LINE WITH EACH OTHER ACROSS VOIDS. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH PLUS/MINUS TOLERANCE.

"OFOI": MEANS "OWNER FURNISHED, OWNER INSTALLED"

"UNO": MEANS "UNLESS NOTED OTHERWISE"

"OFCI": MEANS "OWNER FURNISHED, CONTRACTOR INSTALLED"

REFERENCES: ALL REFERENCES TO CONTRACTOR SHALL REFER TO GENERAL CONTRACTOR AND/OR SUB CONTRACTOR. ALL REFERENCES TO THE OWNER SHALL MEAN THE OWNER OR THE OWNER'S AGENT.

FIRE EXTINGUISHER KEY

1. FOR FIRE EXTINGUISHERS LESS THAN 40LBS:
   A. TOP OF FIRE EXTINGUISHER SHALL NOT EXCEED 5'-0" ABOVE FINISH FLOOR.
   B. BOTTOM OF FIRE EXTINGUISHER SHALL BE 4" MINIMUM ABOVE FINISH FLOOR.
2. FOR FIRE EXTINGUISHERS GREATER THAN OR EQUAL TO 40LBS:
   A. TOP OF FIRE EXTINGUISHER SHALL NOT EXCEED 3'-6" ABOVE FINISH FLOOR.
   B. BOTTOM OF FIRE EXTINGUISHER SHALL BE 4" MINIMUM ABOVE FINISH FLOOR.
3. FOR FIRE EXTINGUISHER CABINETS AND ADA COMPLIANCE:
   A. CENTER CABINET PULL MAXIMUM 48" ABOVE FINISH FLOOR.
   B. MAXIMUM 4" PROJECTION FOR SEMI-RECESSED WALL CABINETS.

REFER TO ICC A117.1-2009, OSHA 29 CFR 1910.157 AND NFPA-10 FOR ADDITIONAL INFORMATION.

PORTABLE FIRE EXTINGUISHERS

FE1 CLASS A TYPE (ORDINARY COMBUSTIBLES) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE2 CLASS A, B TYPE (ORDINARY COMBUSTIBLES AND FLAMMABLE LIQUIDS) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE3 CLASS A, C TYPE (ORDINARY COMBUSTIBLES AND ELECTRICAL EQUIPMENT) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE4 CLASS B, C TYPE (FLAMMABLE LIQUIDS AND ELECTRICAL EQUIPMENT) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE5 CLASS A, B, C TYPE (ORDINARY COMBUSTIBLES, FLAMMABLE LIQUIDS AND ELECTRICAL EQUIPMENT) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE6 CLASS K TYPE (COOKING MEDIA) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE7 CLASS A, K TYPE (ORDINARY COMBUSTIBLES AND COOKING MEDIA) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FE8 CLASS D TYPE (COMBUSTIBLE METALS) [WALL MOUNTED] [RECESSED] [SEMI-RECESSED] FIRE EXTINGUISHER.

FIRE EXTINGUISHER CALCULATIONS

NFPA 13: OCCUPANCY HAZARD CLASSIFICATION

LIGHT HAZARD OCCUPANCY: [LIST AREAS OR SPACES] [NOT APPLICABLE]
ORDINARY HAZARD OCCUPANCY: [LIST AREAS OR SPACES] [NOT APPLICABLE]
EXTRA HAZARD OCCUPANCY: [LIST AREAS OR SPACES] [NOT APPLICABLE]

NFPA 10: CLASSIFICATION OF FIRE

CLASS A TYPE (ORDINARY COMBUSTIBLES)
LOCATION: [LIST AREA(S) WHERE THIS CLASS OF FIRE EXTINGUISHER IS SUITABLE]

CLASS B TYPE (FLAMMABLE LIQUIDS)
LOCATION: [LIST AREA(S) WHERE THIS CLASS OF FIRE EXTINGUISHER IS SUITABLE OR DELETE]

FIRE EXTINGUISHER DISTRIBUTION

[AREA/ROOMS]: [LIGHT HAZARD] [ORDINARY HAZARD] [EXTRA HAZARD]
FE# = [4]A[:#] FIRE EXTINGUISHER
[11,250] [6,000] [4,000] SQUARE FEET COVERAGE PER FIRE EXTINGUISHER.
[75'-0"] [50'-0"] [30'-0"] MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.

LIGHT HAZARD OCCUPANCY
- 2A RATED EXTINGUISHER COVERAGE = 6,000 SQ/FT
- (1) 4A RATED EXTINGUISHER COVERAGE = 11,250 SQ/FT

ORDINARY HAZARD OCCUPANCY
- 2A RATED EXTINGUISHER COVERAGE = 3,000 SQ/FT
- 4A RATED EXTINGUISHER COVERAGE = 6,000 SQ/FT
- (1) 10A RATED EXTINGUISHER COVERAGE = 11,250 SQ/FT

EXTRA HAZARD OCCUPANCY
- 4A RATED EXTINGUISHER COVERAGE = 4,000 SQ/FT
- (1) 20A RATED FIRE EXTINGUISHER COVERAGE = 11,250 SQ/FT

NOTE TO DESIGNER:
CALCULATIONS IN HALFTONE ARE MINIMUMS FOR CLASS A FIRE EXTINGUISHERS. THESE ARE INTENDED AS REFERENCE. YOU HAVE THE OPTION TO DELETE OR KEEP AS SPACE PERMITS.

FOR GUIDANCE SEE:
G:\Mil\Sta\Industrial Group\Technical Meetings\2024-05-16\FE Presentation

CLASS A RATING	LIGHT HAZARD	ORDINARY HAZARD	EXTRA HAZARD
1-A	-	-	-
2-A	6,000 SQ/FT	3,000 SQ/FT	-
3-A	9,000 SQ/FT	4,500 SQ/FT	-
4-A	11,250 SQ/FT	6,000 SQ/FT	4,000 SQ/FT
6-A	11,250 SQ/FT	9,000 SQ/FT	6,000 SQ/FT
10-A	11,250 SQ/FT	11,250 SQ/FT	10,000 SQ/FT
20-A	11,250 SQ/FT	11,250 SQ/FT	11,250 SQ/FT

CLASS ABC FIRE EXTINGUISHER KEY

4A:80B:C

- ADEQUATE FOR ORDINARY FIRES
- PROVIDES APPROXIMATELY 4 GALLONS OF WATER
- PROVIDES 80 SQ/FT OF COVERAGE
- ADEQUATE FOR FLAMMABLE LIQUID FIRES
- ADEQUATE FOR ELECTRICAL FIRES

PARTITION LEGEND

GF3A1

1. **MATERIAL**
2. **FIRE RATED ASSEMBLY**
3. **MATERIAL SIZE**
4. **ASSEMBLY SERIES**
5. **HOURLY RATING (MASONRY)**

1. MATERIAL
THIS CHARACTER DENOTES THE CONSTRUCTION MATERIAL FOR THE WALL ASSEMBLY.

2. FIRE RESISTANT RATED WALL ASSEMBLY (WHERE SHOWN)
DENOTES THAT THE WALL ASSEMBLY IS FIRE RATED IF THE LETTER 'F' IS PRESENT AFTER THE MATERIAL.

3. MATERIAL SIZE
THIS CHARACTER DENOTES THE CONSTRUCTION MATERIAL'S SIZE WITH THE NUMBER USUALLY CORRELATING WITH THE MATERIAL'S WIDTH.

4. ASSEMBLY SERIES
THIS CHARACTER DENOTES THE ASSEMBLY SERIES FOR THAT MATERIAL TO WHICH THE WALL BELONGS.

5. HOURLY RATING (MASONRY ONLY)
INDICATES HOURLY FIRE RATING AT MASONRY WALL ASSEMBLY ONLY.

PARTITION KEY

1. MATERIAL

STANDARD WALLS
A ACOUSTIC WALL (METAL STUD)
C CONCRETE
G GYPSUM BOARD (METAL STUD)
GW GYPSUM BOARD (WOOD STUD)
L LEAD LINED GYPSUM (METAL STUD)
M CONCRETE MASONRY UNIT (CMU)
MP METAL PANEL
P PRECAST CONCRETE

ASSEMBLY WALLS
BG BRICK VENEER / GYPSUM
BM BRICK VENEER / CONCRETE MASONRY
BX BRICK VENEER / CONCRETE MASONRY / GYPSUM
MG CONCRETE MASONRY / GYPSUM
SM STONE / CONCRETE MASONRY
SX STONE / CONCRETE MASONRY / GYPSUM
SG STONE / GYPSUM

3. MATERIAL SIZE

METAL STUDS
0 7/8" FURRING CHANNEL
1 1 5/8" METAL STUD
2 2 1/2" METAL STUD
3_ 3 1/2" METAL STUD
3 3 5/8" METAL STUD
4 4" METAL STUD
6 6" METAL STUD

MASONRY WALLS
2 1 5/8" CMU
4 3 5/8" CMU
6 5 5/8" CMU
8 7 5/8" CMU
10 9 5/8" CMU
12 11 5/8" CMU

BUILDING ENVELOPE REQUIREMENTS

WISCONSIN 2021 IECC TABLE 502.2(1) (CLIMATE ZONE 6)

ASSEMBLY	MINIMUM REQUIRED R-VALUE
ROOF	R-13 + R-19 WITH R-3.5 THERMAL BLOCKS
WALLS ABOVE GRADE	R-13 + R-5.6 CONTINUOUS INSULATION
WALLS BELOW GRADE	R-7.5 CONTINUOUS INSULATION
SLAB-ON-GRADE FLOOR	R-10 FOR 24" INTO SPACE, CONTINUOUS AT PERIMETER
DOORS: SWINGING	U 0.70 OR R-1.4
DOORS: ROLL-UP OR SLIDING	U 0.50 OR R-2

INTERIOR PARTITION NOTES

GENERAL

1. TYPICAL FLOOR PLAN DIMENSIONS FOR PARTITIONS ARE TO FINISH FACE OF GYPSUM BOARD OR MASONRY UNLESS NOTED OTHERWISE. MAINTAIN DIMENSIONS BETWEEN FACE OF FINISHES.
2. TYPICAL GYPSUM BOARD PARTITION WIDTH IS BASED ON 5/8" GYPSUM BOARD UNLESS NOTED OTHERWISE.
3. TYPICAL MASONRY UNIT WIDTH IS BASED ON ACTUAL UNIT DIMENSIONS UNLESS SHOWN OTHERWISE.
4. PARTITION WALL TYPES SHOW GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO SPECIFICATIONS, PRODUCT TECHNICAL DATA AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION REQUIREMENTS.
5. PARTITION REQUIREMENTS SHOWN ARE MINIMUM STANDARDS. WHERE ACTUAL CONDITIONS CAUSE PARTITION(S) TO EXCEED THE LIMITS PER THE MANUFACTURER'S RECOMMENDATIONS, REINFORCE PARTITION(S) AS REQUIRED.
6. PROVIDE BLOCKING OR BACKER MATERIAL FOR ATTACHMENT AND MOUNTING OF WALL-HUNG ITEMS OR EQUIPMENT. PROVIDE FIRE RETARDANT TREATED BLOCKING WHERE REQUIRED AT FIRE RESISTANT RATED WALLS AND AS REQUIRED BY CODE.
7. PROVIDE WATER RESISTANT GYPSUM BOARD AT AREAS REQUIRED BY CODE AND WHERE WALL FINISHES CONTAIN CERAMIC TILE, UNLESS NOTED OTHERWISE.
8. ENSURE FINISH SURFACES ARE FLUSH AND SEAMLESS WHERE PARTITIONS AND/OR FURRINGS ARE COPLANAR.

SOUND TRANSMISSION CLASS RATED PARTITIONS

1. THE STC RATINGS SHOWN ON THE PARTITION WALL TYPES ARE ONLY AN APPROXIMATION OF WHAT CAN BE POTENTIALLY ACHIEVED. STC RATINGS ARE INDICATED ON THE PARTITION WALL TYPES TABLE WHEN APPLICABLE.
2. FOR AN ACCURATE STC RATING, A PROPRIETARY WALL ASSEMBLY MAY BE APPROPRIATE. REFERENCE TESTS FOR STC RATED ASSEMBLIES ARE TYPICALLY PROPRIETARY AND MAY RESULT IN A HIGHER OR LOWER STC RATING THAN INDICATED.
3. REFERENCE TESTS AND STC RATINGS MAY DIFFER FROM MANUFACTURER TO MANUFACTURER AND PRODUCT TO PRODUCT, SO AS A RESULT, REFERENCE TEST NUMBERS ARE NOT INDICATED ON THE PARTITION WALL TYPES.
4. FILL EACH JOINT AND PENETRATION WITH SOUND ATTENUATED INSULATION AND SEAL TO ACHIEVE ACOUSTIC RATING.
5. IF DESIRED, TO ACHIEVE HIGHER STC RATINGS, BATT INSULATION SHOULD BE REPLACED WITH A HEAVIER, DENSER MATERIAL SUCH AS MINERAL WOOL.

FIRE RESISTANT RATED WALL ASSEMBLY

1. FIRE RATED ASSEMBLY TEST REFERENCES SHOWN ARE PER UNDERWRITERS LABORATORY.
2. PARTITION WALL TYPES SHOWN INDICATING A FIRE RESISTANT RATED ASSEMBLY PER UNDERWRITERS LABORATORY'S APPROVED UL DESIGN ARE FOR REFERENCE ONLY AND ARE PROVIDED TO SHOW DESIGN INTENT. OTHER TESTED AND APPROVED FIRE RESISTANT RATED ASSEMBLIES SIMILAR TO WHAT IS SHOWN MAY BE USED AS LONG AS THE ASSEMBLY'S FIRE RESISTANT RATING, WALL THICKNESS, AND MATERIAL ARE NOT CHANGED. PROVIDE ARCHITECT WITH APPLICABLE DATA FOR APPROVAL OF ALL SUBSTITUTIONS.
3. PROVIDE FIRE STOPPING AT PENETRATIONS AND CONNECTIONS TO ADJACENT ASSEMBLIES COMPLIANT WITH APPLICABLE TESTING AGENCY REQUIREMENTS.

LIFE SAFETY WALL RATINGS LEGEND

- STANDARD NON-RATED GYPSUM BOARD WALL
- 1 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 2 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 3 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 4 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- STANDARD NON-RATED CMU WALL
- 1 HOUR FIRE-RESISTANT RATED CMU WALL
- 2 HOUR FIRE-RESISTANT RATED CMU WALL
- 3 HOUR FIRE-RESISTANT RATED CMU WALL
- 4 HOUR FIRE-RESISTANT RATED CMU WALL

WALL RATINGS LEGEND

- STANDARD NON-RATED GYPSUM BOARD WALL
- 1 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 2 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 3 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- 4 HOUR FIRE-RESISTANT RATED GYPSUM BOARD WALL
- STANDARD NON-RATED CMU WALL
- 1 HOUR FIRE-RESISTANT RATED CMU WALL
- 2 HOUR FIRE-RESISTANT RATED CMU WALL
- 3 HOUR FIRE-RESISTANT RATED CMU WALL
- 4 HOUR FIRE-RESISTANT RATED CMU WALL

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[redacted] CLIENT:

QUASIUS
CONSTRUCTION CO.
SHEBOYGAN, WI

[redacted] PROJECT TITLE:

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

[redacted] ISSUE:

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

[redacted] PROJECT INFORMATION:

PROJECT NUMBER: 2025-0141.00
DATE:
DRAWN BY: RMG
CHECKED BY: EJ
APPROVED BY: EJ
SCALE: AS NOTED

[redacted] SHEET TITLE:

GENERAL INFORMATION

[redacted] SHEET NUMBER:

A-001

REFLECTED CEILING PLAN SYBMOLS KEY

- 2'x2' CEILING GRID WITH ACOUSTICAL TILE
- 2'x4' CEILING GRID WITH ACOUSTICAL TILE
- 2'x2' CEILING GRID WITH VINYL FACE GYPSUM BOARD TILE
- 2'x4' CEILING GRID WITH VINYL FACE GYPSUM BOARD TILE
- GYPSUM BOARD CEILING
- MOISTURE RESISTANT GYPSUM BOARD CEILING (MR)
- GYPSUM BOARD SOFFIT/HEADER WITH HEIGHT (9'-0")
- 2'x4' LAY-IN LIGHT FIXTURE
- TYPICAL - SHADED FIXTURE REPRESENTS EMERGENCY OR NIGHT LIGHTING CIRCUIT
- 1'x4' LAY-IN LIGHT FIXTURE
- 2'x2' LAY-IN LIGHT FIXTURE
- 2'x4' SURFACE MOUNTED LIGHT FIXTURE
- 1'x4' SURFACE MOUNTED LIGHT FIXTURE
- 2'x2' SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED EXIT SIGN - SHADING REPRESENTS FACE OF SIGNAGE - ARROW INDICATES DIRECTION TO EXIT
- CEILING MOUNTED EXIT SIGN - SHADING REPRESENTS FACE OF SIGNAGE - ARROW INDICATES DIRECTION TO EXIT
- HVAC SUPPLY AIR GRILLE
- HVAC RETURN AIR GRILLE
- HVAC TRANSFER AIR GRILLE
- HVAC EXHAUST AIR GRILLE
- HVAC LINEAR SLOT DIFFUSER
- RECESSED DOWN LIGHT FIXTURE
- SURFACE MOUNTED TRACK LIGHTING
- CEILING ACCESS PANEL
- SPEAKER (SP)
- SPRINKLER HEAD

NOTE:
- SEE ELECTRICAL DRAWINGS FOR SPECIFIC LIGHT FIXTURE INFORMATION AND CIRCUITING.
- SEE MECHANICAL DRAWINGS FOR LOUVER AND GRILLE SIZES.

SYMBOL LEGEND

LINE
- BEYOND
- BATT INSULATION
- CENTER, GRID
- DEMOLITION
- EXISTING (HALFTONE)
- HIDDEN
- MATCHLINE
- NEW (CUT)
- NEW (PROJECTION)
- OVERHEAD

MATERIAL
- ALUMINUM
- BRICK
- CONCRETE
- CONCRETE MASONRY UNIT
- EARTH
- GRAVEL
- GYPSUM BOARD, MORTAR, GROUT, BLOWN INSULATION
- WOOD
- STEEL
- RIGID INSULATION, SPRAY APPLIED FOAM
- ACOUSTIC TILE (SECTION CUT)
- ACOUSTIC TILE (SECTION CUT)

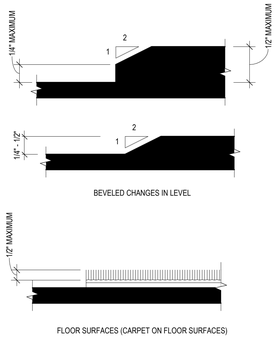
REFERENCE
- N — NORTH INDICATOR
- A3 / A-501 — DETAIL VIEW INDICATOR
- A1 / D1 / A-301 / B1 / C1 — ELEVATION VIEW INDICATOR
- 1 / A-002 — SECTION VIEW INDICATOR
- 1/A-002 — VIEW INDICATOR
- 1 — GRID INDICATOR
- 1 — EXISTING GRID INDICATOR
- BREAK LINE
- SPAN DIRECTION INDICATOR
- OPENING (FLOOR, ROOF OR WALL)
- TOC 100'-0" — ELEVATION INDICATOR
- KEYED NOTE INDICATOR (DEMOLITION WORK)
- 1 — KEYED NOTE INDICATOR (NEW OR PROPOSED WORK)
- GF3A — WALL TYPE INDICATOR
- REVISION CLOUD
- 1 — REVISION INDICATOR

VIEW LOCATION LEGEND

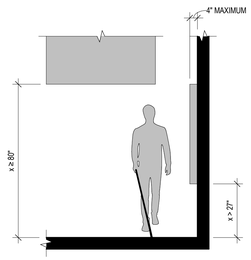
D1	D2	D3	D4	D5	D6
C1	C2	C3	C4	C5	C6
B1	B2	B3	B4	B5	B6
A1	A2	A3	A4	A5	A6

LIST OF SHEETS

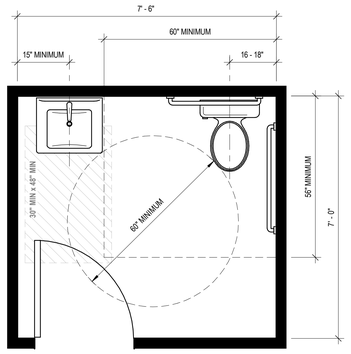
ADA FLOOR TRANSITIONS



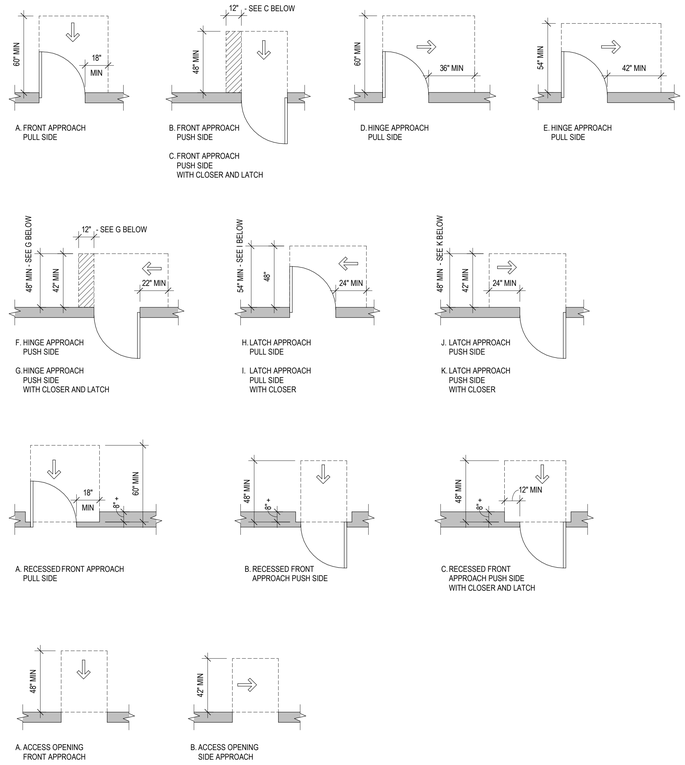
LIMITS OF PROTRUDING OBJECTS



SINGLE OCCUPANT RESTROOM



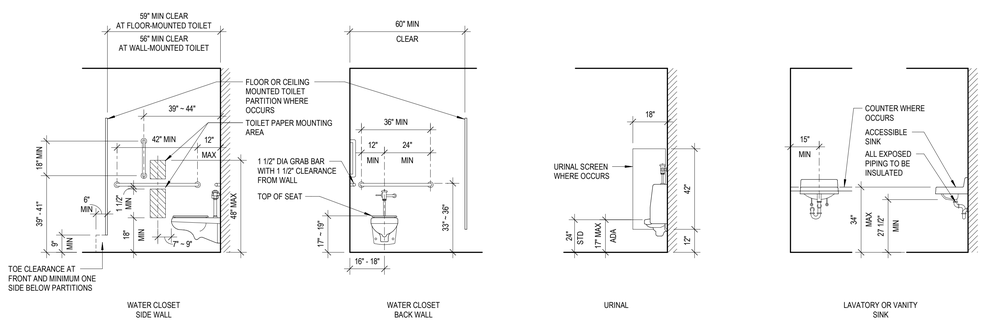
TYPICAL ADA MANEUVERING CLEARANCES AT DOORS AND DOORWAYS



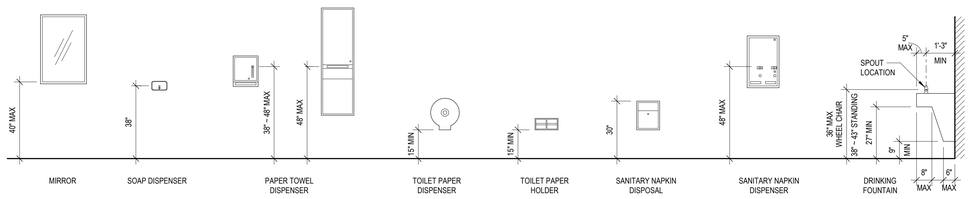
ABBREVIATIONS

A/V	AUDIO VISUAL	LAV	LAVATORY
AC	ACOUSTIC	LB	POUND
ACT	ACOUSTICAL TILE CEILING	LF	LINEAR FEET
ACU	AIR CONDITIONING UNIT	LLH	LONG LEG HORIZONTAL
ADJ	ADJUSTABLE	LLV	LONG LEG VERTICAL
AFF	ABOVE FINISHED FLOOR	LVR	LOUVER
AFG	ABOVE FINISHED GRADE		
AHU	AIR HANDLING UNIT	MAU	MAKEUP AIR UNIT
ALUM	ALUMINUM	MAX	MAXIMUM
APPROX	APPROXIMATE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MEP	MECHANICAL, ELECTRICAL, AND PIPING
BLDG	BUILDING	MEZZ	MEZZANINE
BO	BOTTOM OF	MFR	MANUFACTURER
BOE	BOTTOM OF EXISTING	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
		MP	METAL PANEL
CAB	CABINET	MTL	METAL
CJ	CONTROL JOINT	MW	MICROWAVE
CL	CENTERLINE		
CLG	CEILING	N/A	NOT APPLICABLE
CMU	CONCRETE MASONRY UNIT	NIC	NOT IN CONTRACT
CO	CLEAN OUT	NP	NAPKIN DISPOSAL
COL	COLUMN	NTS	NOT TO SCALE
CONC	CONCRETE		
CONTR	CONTRACTOR	OC	ON CENTER
CPT	CARPET		
CT	CERAMIC TILE	PF	PREFINISHED
CTR	CENTER	PLBG	PLUMBING
CTRL	CONTROL	PSF	POUNDS PER SQUARE FOOT
CU FT	CUBIC FOOT	PSI	POUNDS PER SQUARE INCH
CU IN	CUBIC INCH	PT	PAINT
CU YD	CUBIC YARD	PVC	POLYVINYL CHLORIDE
DEG	DEGREES	QTY	QUANTITY
DBL	DOUBLE		
DEMO	DEMOLISH/DEMOLITION	RAD	RADIUS
DET	DETAIL	RCP	REFLECTED CEILING PLAN
DIA	DIAMETER	RD	ROOF DRAIN
DIM	DIMENSION	REF	REFRIGERATOR
DF	DRINKING FOUNTAIN	REQD.	REQUIRED
DN	DOWN	REV	REVISION
DS	DOWNSPOUT	RTU	ROOF TOP UNIT
DW	DISHWASHER		
DWG	DRAWING	SAN	SANITARY
		S&V	STAIN AND VARNISH
EA	EACH	SCHD	SCHEDULE
EL	ELEVATION	SD	SOAP DISPENSER
ELEC	ELECTRICAL	SF	SQUARE FOOT
ELEV	ELEVATOR	SIM	SIMILAR
EJ	EXPANSION JOINT	SPEC	SPECIFICATION
ENGR	ENGINEER	SQ IN	SQUARE INCH
EOD	EDGE OF DECK	SQ FT	SQUARE FOOT
EOS	EDGE OF SLAB	SQ YD	SQUARE YARD
EPX	EPOXY	SS	STAINLESS STEEL
EQ	EQUAL	STD	STANDARD
EQUIP	EQUIPMENT	STL	STEEL
ES	EXPOSED STRUCTURE	STRUC	STRUCTURAL
ETR	EXISTING TO REMAIN	SUSP	SUSPENDED
EWH	ELECTRICAL WATER HEATER	STM	STORMWATER
EX	EXISTING		
		TD	TOWEL DISPENSER
FD	FLOOR DRAIN	TO	TOP OF
FE	FIRE EXTINGUISHER	TOC	TOP OF CONCRETE
FEC	FIRE EXTINGUISHER CABINET	TOE	TOP OF EXISTING
FLR	FLOOR	TOF	TOP OF FOUNDATION
FT	FEET	TOS	TOP OF STEEL
		TOW	TOP OF WALL
GA	GAUGE	TP	TOILET PAPER
GAL	GALLON	TYP	TYPICAL
GALV	GALVANIZED		
GB	GYPSUM BOARD	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR		
GL	GLASS	V	VARNISH
GWB	GYPSUM WALLBOARD	VIF	VERIFY IN FIELD
		VB	VINYL BASE
HM	HOLLOW METAL	VCT	VINYL COMPOSITE TILE
HP	HORSEPOWER	VFGT	VINYL FACED GYPSUM TILE
HR	HOUR		
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	W/	WITH
		W/O	WITHOUT
		WC	WATER CLOSET
IE	INVERT ELEVATION	WD	WOOD
ILO	IN LIEU OF	WND	WINDOW
IN	INCHES	WR	WASTE RECEPTACLE
INSUL	INSULATION	WS	WORKSTATION
IT	INFORMATION TECHNOLOGY	WTR	WATER

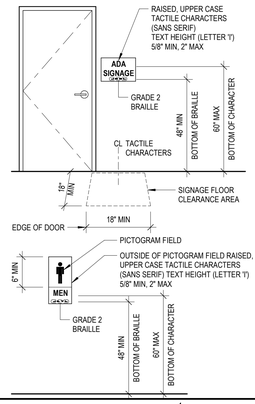
TYPICAL PLUMBING FIXTURES AND ACCESSORIES ADA MOUNTING HEIGHTS



TYPICAL TOILET ACCESSORIES ADA MOUNTING HEIGHTS



ACCESSIBLE TACTILE SIGN LOCATION



TACTILE SIGNAGE REQUIREMENTS:

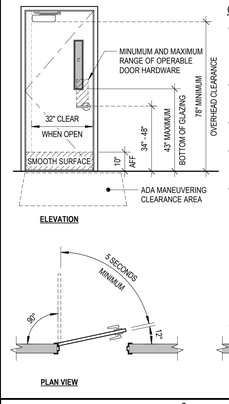
- SIGNAGE REQUIRED AT DOORS INCLUDING BUT NOT LIMITED TO:
  - AREA OF REFUGE
  - EXTERIOR AREA FOR ASSISTED RESCUE
  - EXIT STAIRWAY
  - EXIT RAMP
  - EXIT PASSAGE WAY
  - EXIT DISCHARGE
- SIGNAGE REQUIRED AT PERMANENT ROOMS AND SPACES INCLUDING BUT NOT LIMITED TO:
  - TOILET ROOMS
  - VENDING AREAS
  - CONFERENCE ROOMS
  - MECHANICAL ROOMS
- DOOR SIGNAGE LOCATIONS:
  - ON WALL ADJACENT TO LATCH SIDE OF DOOR AS SHOWN IN ELEVATION
  - ON WALL RIGHT OF BOTH ACTIVE DOUBLE DOORS
  - ON INACTIVE LEAF OF DOUBLE DOORS
  - ON PUSH SIDE OF DOORS WITH CLOSERS BUT WITHOUT HOLD-OPEN DEVICES
  - WHERE NO WALL SPACE OCCURS AT LATCH SIDE OF SINGLE DOOR, OR RIGHT SIDE OF BOTH ACTIVE DOUBLE DOORS, LOCATE SIGNAGE AT NEAREST ADJACENT WALL
- COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1 REGARDING REQUIREMENTS FOR:
  - RAISED CHARACTERS
  - STYLE
  - CHARACTER PROPORTIONS AND HEIGHT
  - STROKE THICKNESS
  - SPACING
  - BRAILLE REQUIREMENTS

NON-TACTILE SIGNAGE REQUIREMENTS:

(VISUAL CHARACTERS WITHOUT BRAILLE)

- SIGNAGE AT LOCATIONS WHERE TACTILE SIGNAGE IS NOT REQUIRED BY CODE.
- ANY SIGNAGE PROVIDED THAT'S NOT REQUIRED BY CODE, SHALL CONFORM TO THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1 FOR VISUAL CHARACTERS REQUIREMENTS.
- SIGNAGE SHALL COMPLY WITH THE 2010 ADA AND ICC/ANSI A117.1 FOR:
  - FINISH AND CONTRAST
  - CHARACTER CASE, STYLE, PROPORTIONS, HEIGHT AND SPACING
  - STROKE THICKNESS
  - CHARACTER HEIGHT AND VIEWING DISTANCE

ACCESSIBLE DOOR COMPLIANCE



COMPLIANCE REQUIREMENTS:

- CLOSER: CLOSING SPEED 5 SECONDS MINIMUM FROM 90° TO 12° (SPRING HINGES: 1.5 SECONDS MINIMUM FROM 70° TO 0°). SEE PLAN VIEW BELOW.
- OPENING FORCE: 5 LBS MAXIMUM (EXCLUDING EXTERIOR HINGED DOORS AND FIRE DOORS).
- VISION LITES: 43" MAXIMUM ACCESSIBLE VIEWING HEIGHT AFF.
- SMOOTH SURFACE: FULL WIDTH OF DOOR ON PUSH SIDE FROM 10" MINIMUM AFF.
- THRESHOLD: 1/2" MAXIMUM HEIGHT.

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CLIENT:

QUASIUS CONSTRUCTION CO. SHEBOYGAN, WI

PROJECT TITLE:

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:

PROJECT NUMBER: 2025-0141.00
DATE:
DRAWN BY: RMG
CHECKED BY: EJ
APPROVED BY: EJ
SCALE: AS NOTED

SHEET TITLE:

GENERAL INFORMATION

SHEET NUMBER:

A-002

C:\Users\1900\Documents\20250141_A25_Ryan.Guelschow@graef-usa.com.rvt
10/1/2025 9:00:38 PM

BUILDING CODE DATA

APPLICABLE CODE RESOURCE:
WISCONSIN COMMERCIAL BUILDING CODE (BASED ON 2021 IBC)
WISCONSIN FIRE CODE (BASED ON 2021 IFC)

PRIMARY OCCUPANCY: *IBC chapter 3* — GROUP: A-2

MIX USE OCCUPANCY: *IBC chapter 3* — GROUP: R-3

CLASSIFICATION OF CONSTRUCTION: *IBC chapter 6* — V-A

FIRE RESISTIVE RATINGS: *IBC section 601* — **TYPE V-A**

PRIMARY STRUCTURE:	1 HOUR
EXTERIOR BEARING WALLS:	1 HOUR
INTERIOR BEARING WALLS:	1 HOUR
EXTERIOR NON-BEARING WALLS:	1 HOUR
INTERIOR NON-BEARING WALLS:	0 HOUR
FLOOR CONSTRUCTION:	1 HOUR
ROOF CONSTRUCTION:	1 HOUR

SEPARATION OF OCCUPANCIES REQUIRED:
IBC section 508.4
☐ NO ☒ YES[1]

FIRE WALL SEPARATION PROVIDED TO CREATE SEPARATE BUILDINGS:
☒ NO ☐ YES — 0 HOUR

FIRE WALL(S) REQUIRED: *IBC section 706*
☒ NO ☐ YES — 0 HOUR

FIRE BARRIER(S) REQUIRED: *IBC section 707*
☐ NO ☒ YES — 1 HOUR

SHAFT ENCLOSURE(S) REQUIRED: *IBC section 713*
☒ NO ☐ YES — 0 HOUR

SPRINKLER SYSTEM: NO ☐ PARTIALLY NFPA 13

NUMBER OF STREETS: 1

AREA INCREASE DUE TO: *IBC section 506*
SPRINKLER SYSTEM AND/OR FRONTAGE ☒ NO ☐ YES

ALLOWABLE BUILDING AREA PER STORY:
IBC section 506 — 11,500 SF

ACTUAL BUILDING AREA PER STORY: ☒

EXISTING	**5,080 SF**
FIRST FLOOR:	2,618 SF
SECOND FLOOR:	2,237 SF
LOFT (MEZZANINE):	225 SF
ADDITION	**535 SF**
FIRST FLOOR:	535 SF
SECOND FLOOR:	N/A
LOFT (MEZZANINE):	N/A
TOTAL BUILDING AREA:	**5,615 SF**

ALLOWABLE NUMBER OF STORIES:
IBC section 504 — 2

ACTUAL NUMBER OF STORIES: 2

ALLOWABLE BUILDING HEIGHT:
IBC section 504 — 50'-0"

ACTUAL BUILDING HEIGHT: 38'-2"

OCCUPANT LOAD: *IBC section 1004*

SQUARE FOOTAGE BASED ON FUNCTION OF SPACE

OCCUPANCY	GROSS AREA	SF/ RATIO	OCCUPANTS
A-2 (SPACE E101)	1,633 SF	15/SF	108.9
A-2 (ROOM E105)	94 SF	500/SF	0.19
A-2 (SPACE E106)	172 SF	150/SF	1.2
A-2 (ROOM 109)	87 SF	200/SF	0.44
A-2 (ROOM 110)	234 SF	200/SF	1.17
A-2 (ROOM 111)	131 SF	7/SF	18.7
R-3 (EXISTING RESIDENCE)	2,462 SF	200/SF	12.31
		TOTAL	142.91 PERSONS **143 PERSONS**

COMMON PATH OF EGRESS : *IBC section 1006.2.1*
GROUP A-2 — 75'-0"

MAXIMUM EXIT DISTANCE ALLOWED: *IBC section 1017.2*
GROUP A-2 — 200'-0"

MAXIMUM EXIT DISTANCE PROVIDED:
GROUP A-2 — 37'-6"

AGGREGATE EXIT WIDTH REQUIRED: *IBC section 1005*
1ST FLOOR = 131 OCCUPANT LOAD x .2" = 26.2"
2ND FLOOR = (EXISTING TO REMAIN UNCHANGED)

AGGREGATE EXIT WIDTH PROVIDED:
1ST FLOOR = 3 Egress Doors x 32" = 96"
2ND FLOOR = (EXISTING TO REMAIN UNCHANGED)

MINIMUM EXITS REQUIRED: 2[2]

EXITS PROVIDED: 3 (ON FIRST FLOOR)

SANITARY REQUIREMENTS: *IBC Section 2901*

MAXIMUM TOILET FACILITY TRAVEL DISTANCE ALLOWED: *IBC Section 2902.3.2* — 500' - 0"

TOILET FACILITY TRAVEL DISTANCE PROVIDED: — 70' - 6"

PLUMBING FIXTURES REQUIRED: *IBC Section 2902.1*
PER OCCUPANCY OCCUPANT LOAD

A-2 OCCUPANCY CLASSIFICATION 131 OCCUPANT LOAD

MALE (66)		FEMALE (66)	
WATERCLOSETS	.88 (1)	WATERCLOSETS	.88 (1)
LAVATORIES	.33 (1)	LAVATORIES	.33 (1)
DRINKING FOUNTAINS	.13 (1)[3]		
SERVICE SINKS	1[4]		

EXISTING R-3 OCCUPANCY CLASSIFICATION 13 OCCUPANT LOAD
TOTAL FOR R-3 **(13) (UNCHANGED)**

WATERCLOSETS	1	KITCHEN SINK	1
LAVATORIES	1	WASHER	1
BATHTUB/SHOWER	1		

PLUMBING FIXTURES PROVIDED:

A-2 OCCUPANCY CLASSIFICATION PROVIDED

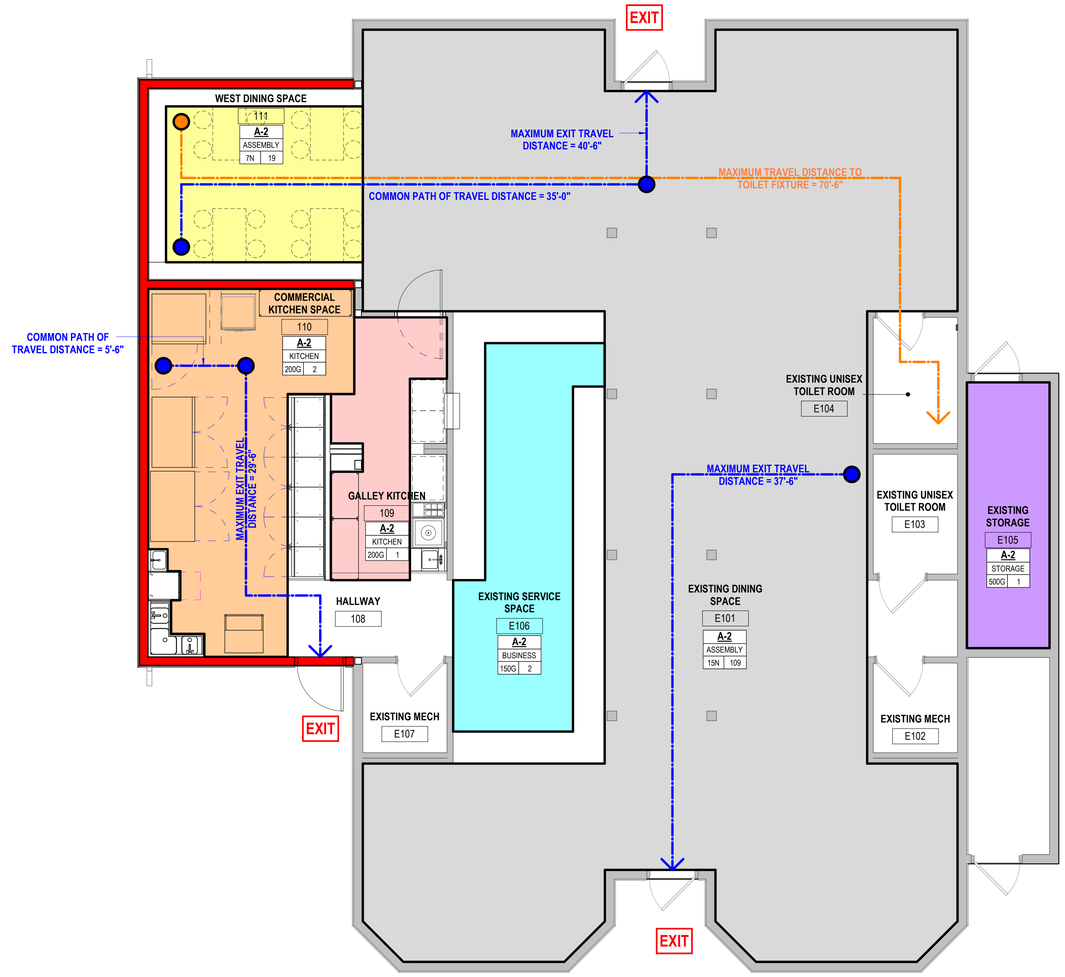
MALE		FEMALE	
WATERCLOSETS	1	WATERCLOSETS	1
LAVATORIES	1	LAVATORIES	1
DRINKING FOUNTAINS	1[3]		
SERVICE SINKS	1[4]		

EXISTING R-3 OCCUPANCY PROVIDED
TOTAL FOR R-3

WATERCLOSETS	4	KITCHEN SINK	1
LAVATORIES	5	WASHER	1
BATHTUB/SHOWER	3	DISHWASHER	1

NOTES:

1. FIRE SEPARATION OF OCCUPANCIES REQUIRED BETWEEN THE ASSEMBLY AND RESIDENTIAL USES. MINIMUM 2-HOUR REQUIRED BETWEEN THE SPACES.
2. MINIMUM OF 2 DOORS IS INDICATED AS BEING REQUIRED ON THE FIRST FLOOR DUE TO TABLE 1006.2.1 OF THE 2021 IBC AND EXCEEDING THE NUMBER OCCUPANTS FOR AN ASSEMBLY USE TO MAINTAIN 1 EXIT.
3. DRINKING FOUNTAIN SUBSTITUTED VIA BOTTLE FILLERS IN THE CAFE.
4. UTILITY SINK PROVIDED IN KITCHEN TO SERVE AS A SERVICE SINK FOR THE ASSEMBLY SPACE.



A4 FIRST FLOOR PLAN
1/4" = 1'-0"

N

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QUASIUS
CONSTRUCTION CO.
SHEBOYGAN, WI

PROJECT TITLE:
EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

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PROJECT INFORMATION:
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APPROVED BY: EJ
SCALE: AS NOTED

SHEET TITLE:
LIFE SAFETY PLAN

SHEET NUMBER:
A-003

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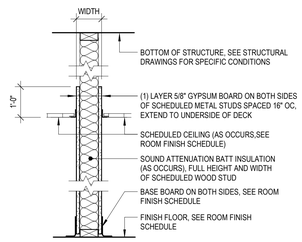
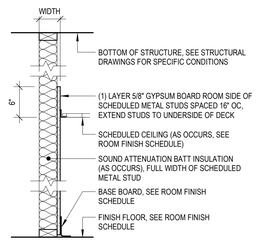
1 — NON-RATED PARTITION: (2) SIDES 5/8" GYPSUM BOARD PARTIAL HEIGHT



PARTITION #	DESCRIPTION	WIDTH	REF TEST	STC
G3A	3 1/2" WOOD STUDS	4 3/4"		

NOTE:
1. "" AFTER THE PARTITION # INDICATES WALL WITHOUT INSULATION.
2. STC RATING BASED ON WALLS WITH INSULATION AND 20 GA / 25 GA METAL STUDS

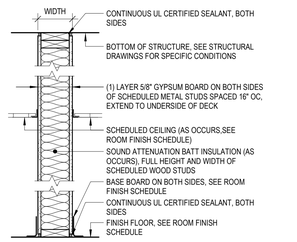
2 — NON-RATED PARTITION: (1) SIDE 5/8" GYPSUM BOARD PARTIAL HEIGHT



PARTITION #	DESCRIPTION	WIDTH	REF TEST	STC
G3B	3 1/2" WOOD STUD	4 1/8"		

NOTE:
1. "" AFTER THE PARTITION # INDICATES WALL WITHOUT INSULATION.

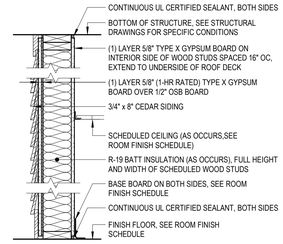
3 — 1-HOUR FIRE RATED ASSEMBLY INTERIOR LOAD BEARING



PARTITION #	DESCRIPTION	WIDTH	REF TEST	
GF6A	5 1/2" WOOD STUDS	6 3/4"	UL U305	

NOTE:
1. "" AFTER THE PARTITION # INDICATES WALL WITHOUT INSULATION.

4 — 1-HOUR FIRE RATED ASSEMBLY INTERIOR LOAD BEARING



PARTITION #	DESCRIPTION	WIDTH	REF TEST	
GF6B	5 1/2" WOOD STUDS	6 3/4"	UL U356	

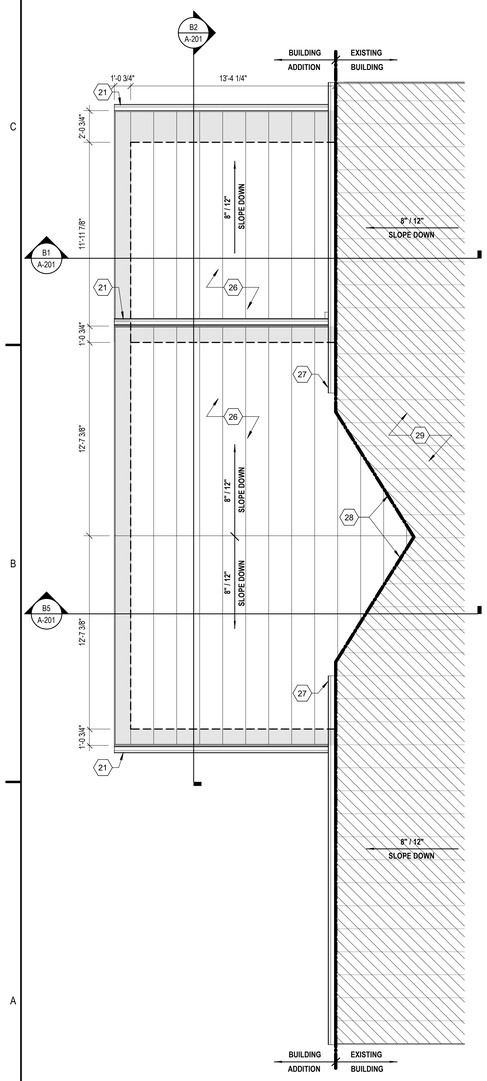
NOTE:
1. "" AFTER THE PARTITION # INDICATES WALL WITHOUT INSULATION.

5 — DEMO SHEET KEYNOTES

01	DEMO EXISTING EXTERIOR WALL UP TO UNDERSIDE OF NEW PROPOSED ROOF DECK. SEE SECTION B2/A-201 FOR SECTION THROUGH THE SPACE. PROVIDE HEADER AT OPENING.
02	DEMO EXISTING EXTERIOR WALL UP TO UNDERSIDE OF NEW PROPOSED CEILING. SEE SECTION B2/A-201 FOR SECTION THROUGH THE SPACE. PROVIDE HEADER AT OPENING.
03	DEMO EXISTING STUD WALL UP TO PROPOSED NEW CEILING HEIGHT. VERIFY EXISTING CROSS BRACING WITH STRUCTURAL.
04	DEMO EXISTING STUD WALL UP TO PROPOSED NEW CEILING HEIGHT. PROVIDE HEADER AT OPENING.
05	DEMO OPENING IN EXISTING WALL TO REMAIN. PROVIDE HEADER FOR OPENING. OPENING DIMENSIONS 28" WIDE X 29 1/2" HIGH. OPENING TO BE SET 46 1/2" ABOVE FINISH FLOOR ELEVATION.
06	DEMO EXISTING DOOR, FRAME, AND HARDWARE

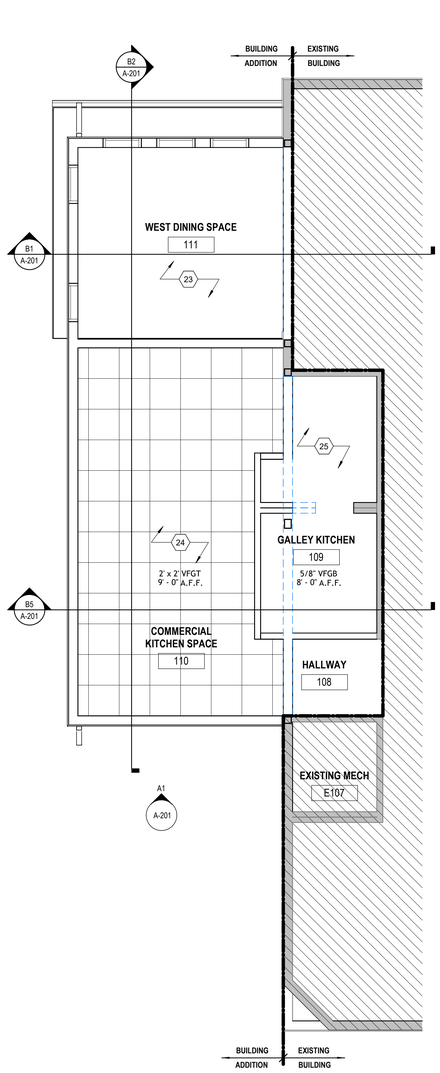
6 — SHEET KEYNOTES

01	NEW EXTERIOR 6" WOOD LOAD BEARING STUD WALL. 1-HR RATED PER CONSTRUCTION TYPE V-A. UL U356.
02	NEW INTERIOR 6" WOOD LOAD BEARING STUD WALL. 1-HR RATED PER CONSTRUCTION TYPE V-A. UL U356. EXTERIOR WALL TYPE GF6B AT EXTERIOR EXPOSED FACE ABOVE.
03	NEW INTERIOR NON-LOAD BEARING WALL.
04	NEW ELIASON DOUBLE ACTING DOOR, DOOR, DOOR FRAME, AND HARDWARE BY MANUFACTURER.
05	NEW EXTERIOR INSULATED HOLLOW METAL DOOR, DOOR FRAME, AND HARDWARE.
06	NEW DOUBLE HUNG WOOD CLAD WINDOW, TYPICAL.
07	NEW 42" HIGH x 14" DEEP BAR HEIGHT COUNTER TOP.
08	28" DEEP COUNTER WITH 1" INTERGRAL BACKSPLASH FOR STAGING WITH OPEN SHELVES BELOW, SEE ELEVATION ON A-401.
09	28" x 28" PASS THRU OPENING WITH 1 1/2" THICK BY 12" DEEP PASS THRU COUNTER.
10	SHELVING UNITS, BY OTHERS.
11	STACKED WASHER AND DRYER UNIT, BY OTHERS.
12	DOUBLE STACK CONVECTION OVEN, BY OTHERS.
13	28" DEEP COUNTER WITH 1" INTERGRAL BACKSPLASH AND UNDERCOUNTER REFRIGERATION, TYPICAL, BY OTHERS
14	COMMERCIAL ROLL-IN REFRIGERATOR, BY OTHERS.
15	COMMERCIAL ROLL-IN FREEZER, BY OTHERS.
16	HANDWASH SINK, BY OTHERS.
17	EXISTING UNDERCOUNTER DISHWASHER.
18	CORNER STYLE THREE BASIN SINK, BY OTHERS.
19	EXISTING RELOCATED ICE MAKER
20	28" DEEP COUNTER WITH 1" INTEGRAL BACKSPLASH, UNDERCOUNTER STORAGE, BLENDED DRINK STATION, DROP IN ICE BIN, SINK AND GLASS RINSE STATION, BY OTHERS.
21	PREFINISHED ALUMIMUM GUTTER AND DOWNSPOUT TO MATCH EXISTING FINISH COLOR, TYPICAL
22	ROOF OVERHANG ABOVE, TYPICAL
23	EXPOSED STRUCTURAL TRUSSES ABOVE
24	NEW LAY-IN VINYL FACED GYPSUM TILE CEILING
25	NEW VINYL FACED GYPSUM BOARD CEILING WITH WOOD JOISTS
26	NEW STANDING SEAM ROOF
27	CUT EXISTING GUTTER AND PROVIDE NEW DOWNSPOUTS AT NEW ROOF DORMER
28	TIE IN NEW ROOF TO EXISTING ROOF, PROVIDE NEW FLASHING AND TRIM AT STANDING SEAM RIDGE LINE
29	EXISTING STANDING SEAM ROOF TO REMAIN



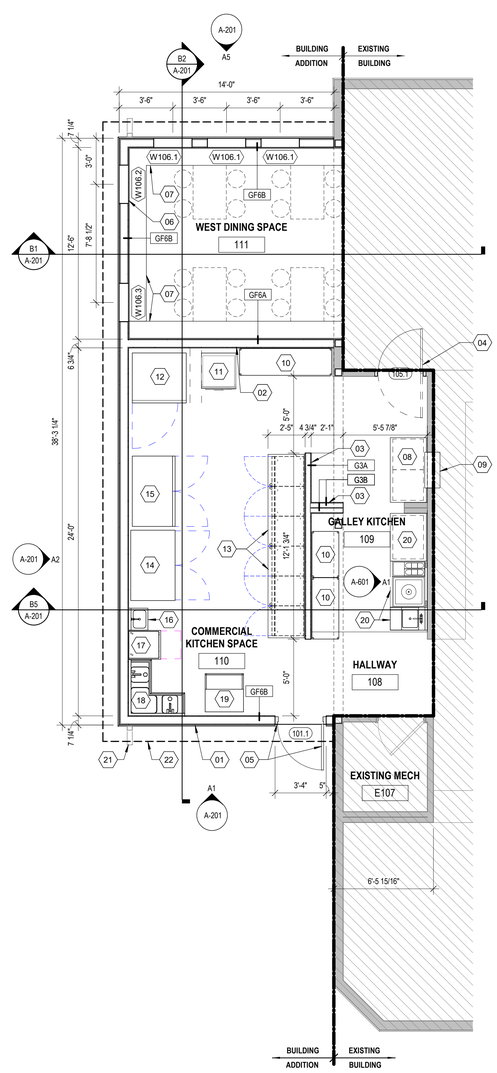
A1 — PARTIAL ROOF PLAN

1/4" = 1'-0"



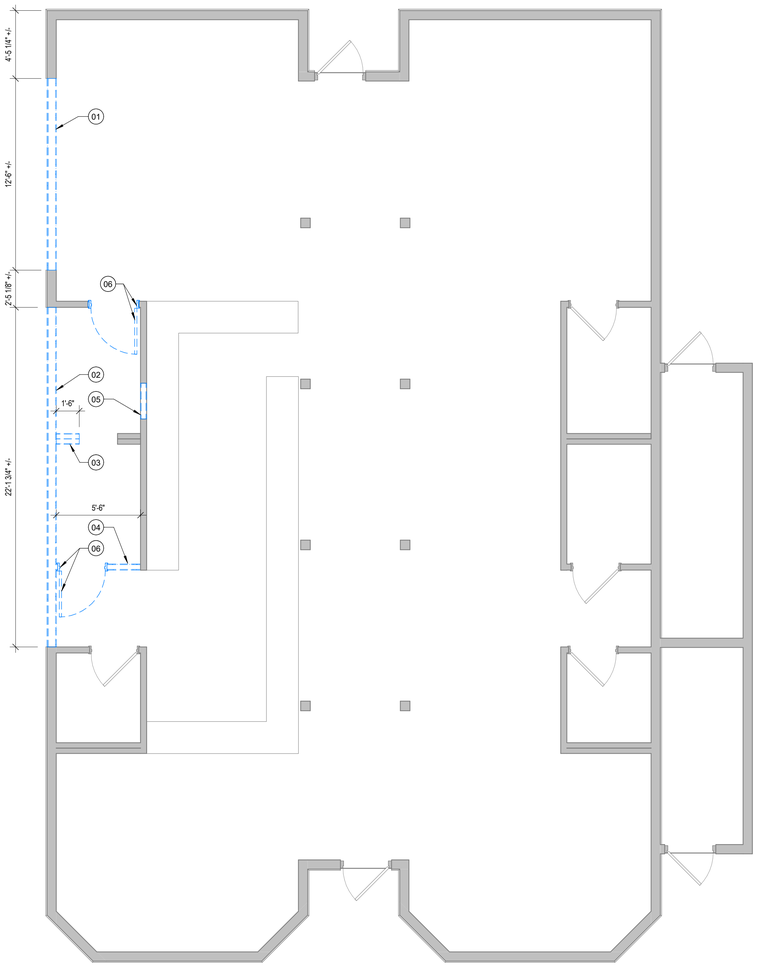
A2 — PARTIAL REFLECTED CEILING PLAN

1/4" = 1'-0"



A3 — FIRST FLOOR PLAN

1/4" = 1'-0"



A5 — EXISTING/DEMOLITION FLOOR PLAN

1/4" = 1'-0"

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QUASIUS CONSTRUCTION CO. SHEBOYGAN, WI

PROJECT TITLE:

EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

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PLANS

SHEET NUMBER:

A-101

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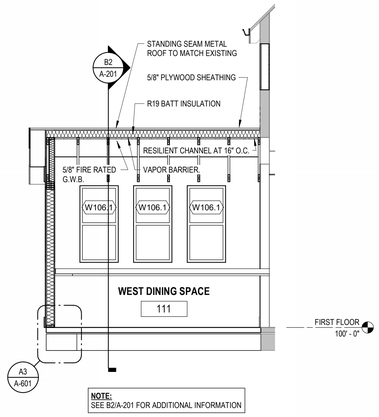
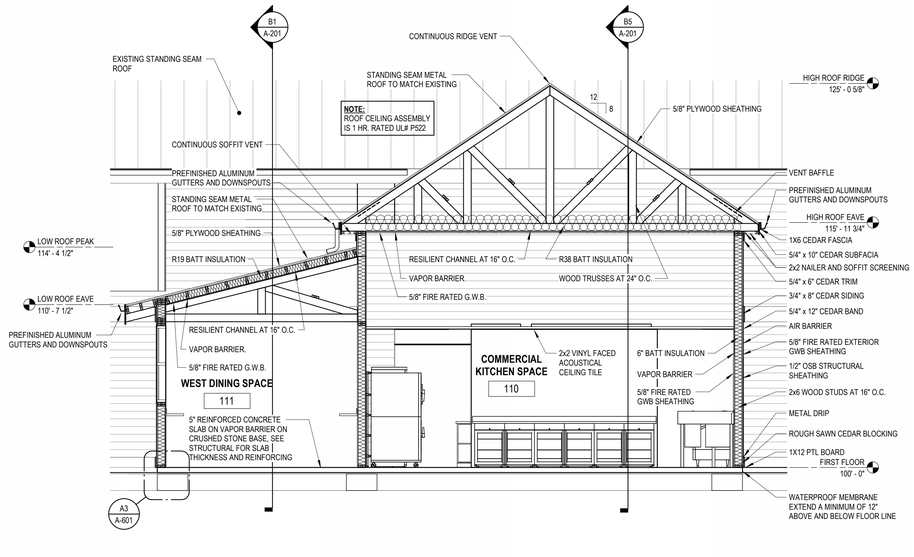
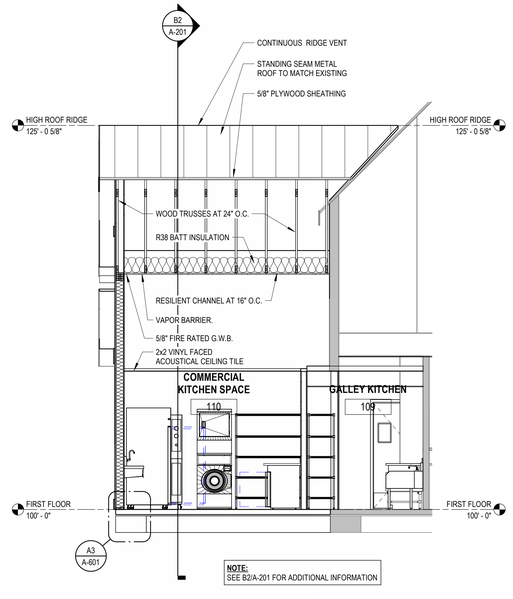


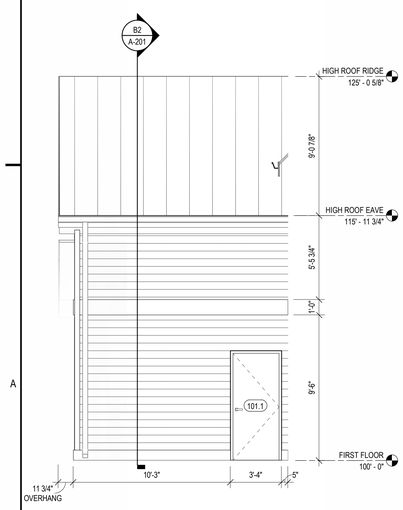
B1 SECTION LOOKING NORTH
1/4" = 1'-0"



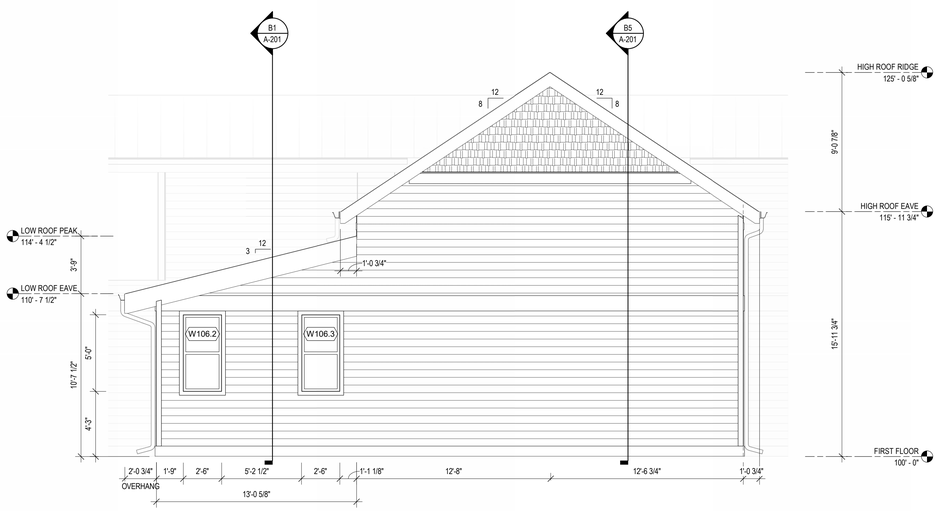
B2 SECTION LOOKING EAST
1/4" = 1'-0"



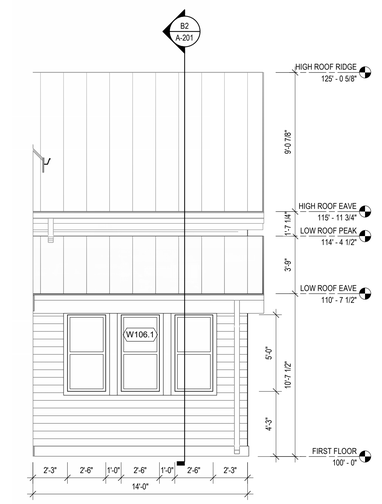
B5 SECTION LOOKING NORTH
1/4" = 1'-0"



A1 SOUTH ELEVATION
1/4" = 1'-0"



A2 WEST ELEVATION
1/4" = 1'-0"



A5 NORTH ELEVATION
1/4" = 1'-0"

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SHEET TITLE:
EXTERIOR ELEVATIONS AND
CROSS-SECTIONS

SHEET NUMBER:
A-201

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DOOR, FRAME, AND HARDWARE SCHEDULE

DOOR NO	ASSOCIATED ROOM	DOOR: PANEL DIMENSIONS: PRIMARY	SECONDARY	HEIGHT	THICKNESS	SPECIFICATION: TYPE	GLAZING	MATL	FINISH	FRAME: SPECIFICATION: TYPE	MATL	FINISH	DETAIL: HEAD	JAMB	SILL	FIRE RATING LABEL	HARDWARE: SET	HINGES	CLOSER	STOP	BOLTS: AUTOMATIC	FOOT	HEAD	PLATES: ARMOR	KICK	PULL	PUSH	MISCELLANEOUS: ACOUSTIC SEAL	ASTRAGAL	RAIN DRIP	SMOKE SEAL	SWEEP	THRESHOLD	WEATHER STRIP	REMARKS
101.1	HALLWAY	3' - 0"		7' - 0"	1 3/4"	F	-	HM	PT	01	WD	PT					LS1	H1	CL1	-	-	-	-	-	-	-	-	X	-	X	-	SW1	T1	S1W	
105.1	EXISTING DINING SPACE	3' - 0"		7' - 0"	1 1/2"	DA	1/4" TEMP	PF	PF	-	PF	PF					-	BY OTHERS	-	-	-	-	-	(2) KP1	-	-	-	-	-	-	-	-	-	-	ELIASON DOOR. DOOR FRAME AND HARDWARE BY MANUFACTURER.

SCHEDULE ABBREVIATIONS

CWD = CLAD WOOD
EPOXY = FLUID APPLIED EPOXY FLOOR COVERING
ES = EXPOSED STRUCTURE ABOVE
ETR = EXISTING TO REMAIN
FRP = FIBER GLASS REINFORCED PANEL
GWB = GYPSUM WALL BOARD
HM = HOLLOW METAL
(HOLLOW METAL EXTERIOR DOORS ARE INSULATED WITH POLYISOCYANURATE CORE)
IG = INSULATED GLASS
PF = PREFINISHED
PT = PAINT
SC = SEALED CONCRETE
TEMP = TEMPERED GLASS
VC = VINYL COVED BASE
VFGB = VINYL FACED GYPSUM BOARD
VFGT = VINYL FACED GYPSUM TILE
WD = WOOD

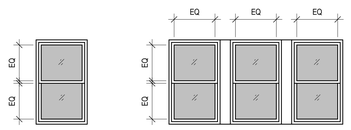
ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS: NORTH: MATL	NORTH: FINISH	EAST: MATL	EAST: FINISH	SOUTH: MATL	SOUTH: FINISH	WEST: MATL	WEST: FINISH	CEILING: MATL	CEILING: HEIGHT	NOTES
108	HALLWAY	ETR	4" VC	---	---	---	---	ETR / GWB	PT	---	---	VFGB		
109	GALLEY KITCHEN	EPOXY	4" VC	---	---	ETR	ETR	---	---	FRP	PF	VFGB		
110	COMMERCIAL KITCHEN SPACE	EPOXY	4" VC	FRP	PF	FRP	ETR	FRP	PF	FRP	PF	VFGT		
111	WEST DINING SPACE	SC	4" VC	GWB	PT	---	---	GWB	PT	GWB	PT	ES		
E101	EXISTING DINING SPACE	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E102	EXISTING MECH	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E103	EXISTING UNISEX TOILET ROOM	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E104	EXISTING UNISEX TOILET ROOM	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E105	EXISTING STORAGE	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E106	EXISTING SERVICE SPACE	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		
E107	EXISTING MECH	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		

WINDOW SCHEDULE

WINDOW NO	WINDOW: ROUGH OPENING: WIDTH	HEIGHT	SPECIFICATIONS: TYPE	GLAZING	FRAME: SPECIFICATION: MATL	FINISH	DETAIL: HEAD	JAMB	SILL	ASSOCIATED LEVEL	HEAD HEIGHT ABOVE LEVEL	NOTES
W106.1	2' - 6"	5' - 0"	W1	IG	CWD	PT	A5/A-601	-	A5/A-601	FIRST FLOOR	9' - 3"	(3) DOUBLE HUNG CLAD WOOD.
W106.2	2' - 6"	5' - 0"	W2	IG	CWD	PT	A5/A-601	-	A5/A-601	FIRST FLOOR	9' - 3"	(1) DOUBLE HUNG CLAD WOOD.
W106.3	2' - 6"	5' - 0"	W2	IG	CWD	PT	A5/A-601	-	A5/A-601	FIRST FLOOR	9' - 3"	(1) DOUBLE HUNG CLAD WOOD.

WINDOW TYPES

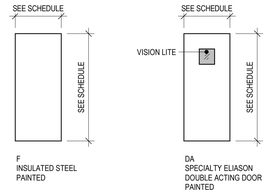


W1
(1) DOUBLE HUNG
CLAD WOOD
CLEAR, INSULATED GLASS

W2
(3) DOUBLE HUNG
CLAD WOOD
CLEAR, INSULATED GLASS

NOTES:
1. WINDOW BASIS FOR DESIGN IS KOLBE WINDOWS ULTRA SERIES.
2. **WINDOW CASING:** 5/4x4 CEDAR CASING, EXTERIOR TRIM. 3" RED OAK CASING, INTERIOR TRIM.
3. CLEAR INSULATED GLASS EXTERIOR WINDOWS.

DOOR TYPES



GENERAL DOOR NOTES:

* TO MEET ICC A117.1-2009 ACCESSIBLE DOOR VISION LITE REQUIREMENTS, 43" (3'-7") IS THE MAXIMUM HEIGHT TO THE BOTTOM OF THE VISION LITE FROM ABOVE THE FINISH FLOOR. DIMENSIONS SHOWN ON DOOR TYPES ARE FROM FINISH FLOOR.

***WHERE THE DOOR PANEL FOR A REQUIRED FIRE RATED DOOR IS TALLER THAN 7'-0", TO MAINTAIN THE MAXIMUM 100 SQUARE INCH ALLOWED FOR FIRE PROTECTIVE RATED GLAZING, THE RAIL DIMENSION OF 8" IS ALLOWED TO ADJUST TO ACHIEVE THE MAXIMUM VISION LITE AREA.

ACCESSIBLE DOOR NOTES: ICC A117.1-2009

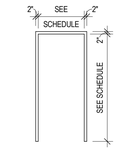
404.2.9 DOOR SURFACE
DOOR SURFACES WITHIN 10" OF THE FLOOR, MEASURED VERTICALLY, SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR.

* 404.2.10 VISION LITES
DOORS AND SIDELITES ADJACENT TO DOORS CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE PANEL ON EITHER THE DOOR OR ADJACENT SIDE LITE 43" (3'-7") MAXIMUM ABOVE THE FLOOR.

** EXCEPTION: VISION LITES WITH THE LOWEST PART MORE THAN 66" (5'-6") ABOVE THE FLOOR SHALL NOT BE REQUIRED TO COMPLY.

FOR ADDITIONAL INFORMATION SEE THE "ACCESSIBLE DOOR COMPLIANCE" GUIDE ON SHEET A-002.

FRAME TYPES



01

DOOR HARDWARE KEY

HINGES

	DESCRIPTION / FINISH	HAGER	MCKINNEY	STANLEY	IVES
H1	HEAVY (630)	BB1199	T4A3386	FBB199	5BB1HW SS

LOCKSETS

	DESCRIPTION / FINISH	BEST 9K SERIES	SARGENT 10 LINE	SCHLAGE ND SERIES (RHO)
LS1	ENTRANCE (626)	(AB) F109	10G05	ND53PD

CLOSERS

	DESCRIPTION / FINISH	LCN	NORTON	SARGENT
CL1	PUSH SIDE w/ STOP (689)	4111 CUSH PA	CLP7501	351 PS

KICKPLATES

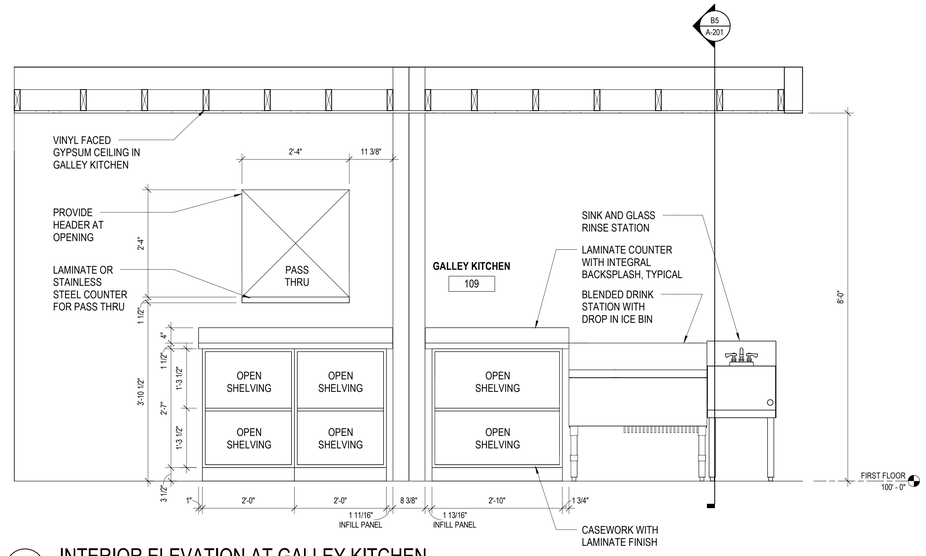
	DESCRIPTION / FINISH	HAGER	IVES	ROCKWOOD
KP1	ARMOR PLATE 36"x34" (630)	220S	8400	K1125

WEATHERSTRIP, SWEEPS, AND THRESHOLDS

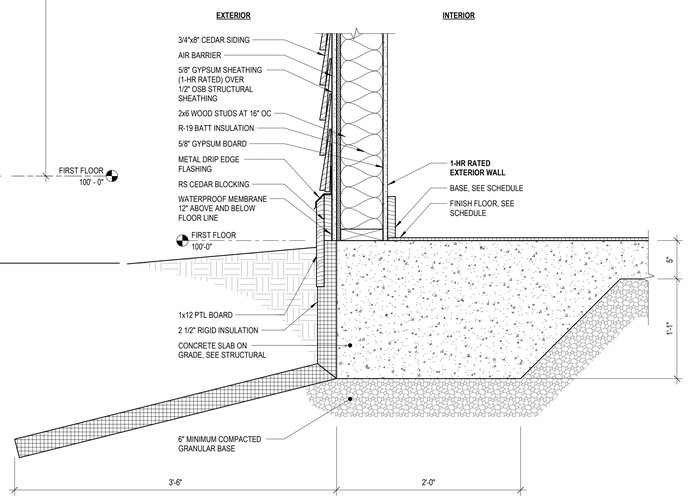
	DESCRIPTION	NATIONAL GUARD	PEMKO	REESE
T1	THRESHOLD	8424	252x2 FG	S282A
SW1	SWEEP	200NA	315N	772
WS1	WEATHERSTRIP	190VA	294AV	DS106C

METAL FINISH KEY

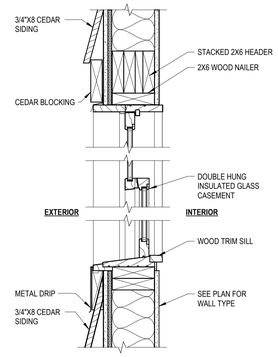
ANSI/BHMA CODE	DESCRIPTION	BASE MATERIAL
605	BRIGHT BRASS, CLEAR COATED	BRASS
606	SATIN BRASS, CLEAR COATED	BRASS
611	BRIGHT BRONZE, CLEAR COATED	BRONZE
612	SATINE BRONZE, CLEAR COATED	BRONZE
618	BRIGHT NICKEL PLATED, CLEAR COATED	BRASS, BRONZE
619	SATIN NICKEL PLATED, CLEAR COATED	BRASS, BRONZE
625	BRIGHT CHROMIUM PLATED	BRASS, BRONZE
626	SATIN CHROMIUM PLATED	BRASS, BRONZE
627	SATIN ALUMINUM, CLEAR COATED	ALUMINUM
628	SATIN ALUMINUM, CLEAR ANODIZED	ALUMINUM
629	BRIGHT STAINLESS STEEL	STAINLESS STEEL 300 SERIES
630	SATIN STAINLESS STEEL	STAINLESS STEEL 300 SERIES
632	BRIGHT BRASS PLATED, CLEAR COATED	STEEL
633	SATIN BRASS PLATED, CLEAR COATED	STEEL
637	BRIGHT BRONZE PLATED, CLEAR COATED	STEEL
639	SATIN BRONZE PLATED, CLEAR COATED	STEEL
645	BRIGHT NICKEL PLATED, CLEAR COATED	STEEL
646	SATIN NICKEL PLATED, CLEAR COATED	STEEL
651	BRIGHT CHROMIUM PLATED	STEEL
652	SATIN CHROMIUM PLATED	STEEL
653	BRIGHT STAINLESS STEEL	STAINLESS STEEL 400 SERIES
654	SATIN STAINLESS STEEL	STAINLESS STEEL 400 SERIES
663	ZINC PLATED WITH CLEAR CHROMATE SEAL	STEEL
673	ALUMINUM CLEAR COATED	ALUMINUM
686	BLACK CHROME, BRIGHT	STEEL
687	BLACK CHROME, SATIN	STEEL



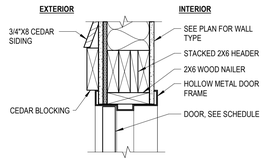
A1 INTERIOR ELEVATION AT GALLEY KITCHEN
3/4" = 1'-0"



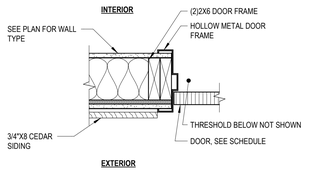
A3 BASE OF WALL DETAIL
NTS



A5 EXTERIOR CLAD WOOD WINDOW HEAD AND SILL DETAIL
1 1/2" = 1'-0"



B6 EXTERIOR HOLLOW METAL DOOR HEAD DETAIL
1 1/2" = 1'-0"



A6 EXTERIOR HOLLOW METAL DOOR JAMB DETAIL
1 1/2" = 1'-0"

GRAEF
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CLIENT:

QUASIUS
CONSTRUCTION CO.
SHEBOYGAN, WI

PROJECT TITLE:
EB FLO COFFEEHOUSE - ADDITION

340 SOUTH PIER DRIVE
SHEBOYGAN, WI 53081

ISSUE:

2025-10-01 - REVIEW SET - NOT FOR CONSTRUCTION

PROJECT INFORMATION:
PROJECT NUMBER: 2025-0141.00
DATE:
DRAWN BY: RMG
CHECKED BY: EJ
APPROVED BY: EJ
SCALE: AS NOTED

SHEET TITLE:
INTERIOR ELEVATIONS, SCHEDULES, DOOR/WINDOW TYPES, AND DETAILS

SHEET NUMBER:
A-601

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