PROPOSED NOB HILL APARTMENT REDEVELOPMENT FOR:

NOB HILL APARTMENTS, LLC

MADISON, WI

LEGEND

000.00	PROPOSED SPOT ELEVATIONS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)
000.00 TR 000.00 BR	PROPOSED SPOT ELEVATIONS (TOP OF RETAINING WALL, TOP OF SURFACE GRADE AT BOTTOM OF WALL)
000.00 TC 000.00 BC	PROPOSED SPOT ELEVATIONS (TOP OF CURB, BOTTOM OF CURB)
000.00 TW 000.00 BW	PROPOSED SPOT ELEVATIONS (TOP OF WALK, BOTTOM OF WALK)
	EXISTING WATER VALVE IN BOX
	PROPOSED WATER VALVE IN BOX
	EXISTING WATER VALVE IN MANHOLE
	EXISTING WATER SERVICE VALVE
	EXISTING TELEPHONE MANHOLE
	EXISTING ROUND CATCH BASIN
	PROPOSED ROUND CATCH BASIN
	EXISTING SQUARE CATCH BASIN
	EXISTING CURB INLET
	PROPOSED CURB INLET
	EXISTING UTILITY POLE
	EXISTING UTILITY POLE WITH GUY WIRE
	EXISTING STREET LIGHT
	EXISTING TELEPHONE PEDESTAL
	EXISTING ELECTRIC PEDESTAL
	EXISTING ELECTRIC BOX
	EXISTING CABLE TV PEDESTAL
	PROPOSED DRAINAGE FLOW
	1-1/4" REBAR SET WEIGHING 4.30 LB/FT.
	3/4" REBAR SET WEIGHING 1.50 LB/FT.
	1-1/4" REBAR FOUND
	3/4" REBAR FOUND
	2" IRON PIPE FOUND
	1" IRON PIPE FOUND
	EXISTING FLOOD LIGHT
	SECTION CORNER
	PROPOSED APRON ENDWALL
	EXISTING MARSH AREA
	EXISTING DECIDUOUS TREE WITH TRUNK DIAMETER
	EXISTING CONIFEROUS TREE
	EXISTING SHRUB
	EXISTING STUMP
	SOIL BORING
	EXISTING WELL
	PROPOSED WELL
	EXISTING LIGHT POLE
	EXISTING SIGN
	CENTER LINE
	EXISTING HANDICAP PARKING STALL
	PROPOSED HANDICAP PARKING STALL
	EXISTING GAS VALVE
	EXISTING WOODED AREA
	EXISTING HEDGE
	EXISTING CHAINLINK FENCE
	EXISTING WOOD FENCE
	EXISTING BARBED WIRE FENCE
	PROPERTY LINE
	EXISTING GUARD RAIL
ST	EXISTING STORM SEWER AND MANHOLE
ST	PROPOSED STORM SEWER AND MANHOLE
SA	EXISTING SANITARY SEWER AND MANHOLE
SA	PROPOSED SANITARY SEWER AND MANHOLE
W	EXISTING WATER LINE AND HYDRANT
W	PROPOSED WATER LINE AND HYDRANT
OU	EXISTING OVERHEAD UTILITY LINE
FO	EXISTING UNDERGROUND FIBER OPTIC LINE
E	EXISTING UNDERGROUND ELECTRIC CABLE
T	EXISTING UNDERGROUND TELEPHONE CABLE
G	EXISTING UNDERGROUND GAS LINE
	PROPOSED CURB AND GUTTER
	EXISTING CURB AND GUTTER
	GRADING/SEEDING LIMITS
	RIGHT-OF-WAY LINE
	PROPERTY LINE
	RAILROAD TRACKS
800	EXISTING GROUND CONTOUR
800	PROPOSED GROUND CONTOUR

PLAN SPECIFICATIONS (BASED ON CSI FORMAT)

DIVISION 31 EARTH WORK

31 10 00 SITE CLEARING (DEMOLITION)

A. CONTRACTOR SHALL CALL DIGGER'S HOT LINE AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING SITE DEMOLITION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.

B. DEMOLITION PLAN IS AN OVERVIEW OF DEMOLITION TO TAKE PLACE ON SITE. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL REMOVE, REPLACE, OR DEMOLISH ALL ITEMS AS NEEDED DURING CONSTRUCTION.

C. CONTRACTOR TO PROTECT EXISTING IMPROVEMENTS THAT ARE SCHEDULED TO REMAIN. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED AT CONTRACTORS EXPENSE.

D. ALL CONCRETE NOTED TO BE REMOVED SHALL BE REMOVED TO THE NEAREST CONTROL JOINT.

31 20 00 EARTH MOVING

A. CONTRACTOR SHALL CALL DIGGER'S HOT LINE AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING EXCAVATION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.

B. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR ALL EXCAVATION, GRADING, FILL AND BACKFILL WORK AS REQUIRED TO COMPLETE THE GENERAL CONSTRUCTION WORK. ALL EXCAVATION AND BACKFILL FOR ELECTRICALS AND MECHANICALS ARE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR.

C. ALL ORGANIC TOPSOIL INSIDE THE BUILDING AREA, UNDER PAVED AREAS, AND AT SITE FILL AREAS SHALL BE REMOVED. PROOF ROLL SUBGRADES BEFORE PLACING FILL WITH HEAVY PNEUMATIC-TIRED EQUIPMENT, SUCH AS A FULLY-LOADED TANDEM AXLE DUMP TRUCK, TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. CONTRACTOR SHALL VERIFY TOPSOIL DEPTHS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND ACCOUNT FOR EXISTING CONDITIONS PRIOR TO SUBMITTING BID FOR THE PROJECT. EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED IN THE PLANS OR BY LOCAL ZONING REQUIREMENTS.

D. PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED ELEVATIONS. UNIFORMLY MOISTEN OR AERATE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION AS RECOMMENDED TO ACHIEVE SPECIFIED DRY DENSITY. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, OTHERWISE SATISFACTORY SOIL MATERIAL THAT IS TOO WET TO COMPACT TO SPECIFIED DRY DENSITY.

E. PLACE BACKFILLS AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.

F. COMPACT THE SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D 698, STANDARD PROCTOR TEST. FILL MAY NOT BE PLACED ON FROZEN GROUND AND NO FROZEN MATERIALS MAY BE USED FOR BACK FILL. APPLY THE MORE STRINGENT REQUIREMENTS WHEN COMPARING BETWEEN THE FOLLOWING AND THE GEOTECHNICAL REPORT.
1. UNDER FOUNDATIONS - SUBGRADE, AND EACH LAYER OF BACKFILL OR FILL MATERIAL, TO NOT LESS THAN 98 PERCENT.
2. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS MORE THAN 3 FEET BELOW THE SLAB - PLACE A DRAINAGE COURSE LAYER OF 3/4" CRUSHED STONE, WITH 5% TO 12% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
3. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS WITHIN 3 FEET OF THE SLAB SURFACE- PLACE A DRAINAGE COURSE LAYER OF CLEAN 3/4" CRUSHED STONE, WITH NO MORE THAN 5% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
4. UNDER EXTERIOR CONCRETE AND ASPHALT PAVEMENTS - COMPACT THE SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIALTO NOT LESS THAN 95 PERCENT.
5. UNDER WALKWAYS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
6. UNDER LAWN OR UNPAVED AREAS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL, TO NOT LESS THAN 85 PERCENT.

G. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS.

H. ALLOW THE TESTING AGENCY TO TEST AND INSPECT SUBGRADES AND EACH FILL OR BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS. PROVIDE ONE TEST FOR EVERY 2000 SQUARE FEET OF PAVED AREA OR BUILDING SLAB, ONE TEST FOR EACH SPREAD FOOTING, AND ONE TEST FOR EVERY 50 LINEAR FEET OF WALL STRIP FOOTING.

I. WHEN THE TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED; RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.

J. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10' OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.

31 30 00 EROSION CONTROL

A. THE GRADING PLAN REFLECTS LESS THAN 1 ACRE OF DISTURBED AREA. THE SITE IS THEREFORE EXEMPT FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES NR 151 NOTICE OF INTENT REQUIREMENTS. THE DESIGN ENGINEER SHALL PREPARE AN EROSION CONTROL PLAN TO MEET NR 151.095 CONSTRUCTION SITE PREFORMANCE STANDARDS FOR NON-PERMITTED SITES.

B. EROSION AND SEDIMENT CONTROL IMPLEMENTED DURING CONSTRUCTION SHALL STRICTLY COMPLY WITH THE GUIDELINES AND REQUIREMENTS SET FORTH IN WISCONSIN ADMINISTRATIVE CODE (W.A.C.) NR 151, THE STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES RUNOFF MANAGEMENT PERFORMANCE STANDARDS. TECHNICAL STANDARDS PUBLISHED BY THE WISCONSIN DNR SHALL ALSO BE UTILIZED TO IMPLEMENT THE REQUIRED PERFORMANCE STANDARDS. THE METHODS AND TYPES OF EROSION CONTROL WILL BE DEPENDENT ON THE CONSTRUCTION SITE CONDITIONS, INVOLVED, AND SEASONAL CONSTRAINTS. MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION, AND INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL. BELOW IS A LIST OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES TO ACHIEVE THE PERFORMANCE STANDARDS REQUIRED.

1. SILT FENCE SHALL BE PLACED ON SITE AT LOCATIONS SHOWN ON THE EROSION CONTROL PLAN. SILT FENCE SHALL ALSO BE PROVIDED AROUND THE PERIMETER OF ALL SOIL STOCKPILES. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1056.
2. DITCH CHECKS SHALL BE PROVIDED TO REDUCE THE VELOCITY OF WATER FLOWING IN DITCH BOTTOMS. PLACE AT LOCATIONS SHOWN ON THE EROSION CONTROL PLAN. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1062
3. STONE TRACKING PADS SHALL BE PLACED AT ALL CONSTRUCTION SITE ENTRANCES AND SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE CONSTRUCTION SITE. SEE THE EROSION CONTROL PLAN FOR LOCATIONS. THE AGGREGATE USED SHALL BE 3 TO 6 INCH CLEAR OR SMALL STONE AND SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. THE STONE SHALL BE UNDERLAIN WITH A WISDOT TYPE R GEOTEXTILE FABRIC. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT, AND SHALL BE A MINIMUM OF 50 FEET LONG. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1057.
4. STORM DRAIN INLET PROTECTION SHALL BE PROVIDED FOR ALL NEW AND DOWNSTREAM STORM CATCH BASINS AND CURB INLETS. TYPE B OR C PROTECTION SHOULD BE PROVIDED AND SHALL BE IN CONFORMANCE WITH WISCONSIN DNR TECHNICAL STANDARD 1060.
5. DUST CONTROL MEASURES SHALL BE PROVIDED TO REDUCE OR PREVENT THE SURFACE AND AIR TRANSPORT OF DUST DURING CONSTRUCTION. CONTROL MEASURES INCLUDE APPLYING MULCH AND ESTABLISHING VEGETATION, WATER SPRAYING, SURFACE ROUGHENING, APPLYING POLYMERS, SPRAY-ON TACKIFIERS, CHLORIDES, AND BARRIERS. SOME SITES MAY REQUIRE AN APPROACH THAT UTILIZES A COMBINATION OF MEASURES FOR DUST CONTROL. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1068.
6. THE USE, STORAGE, AND DISPOSAL OF CHEMICALS, CEMENT, AND OTHER COMPOUNDS AND MATERIALS USED ON SITE SHALL BE MANAGED DURING THE CONSTRUCTION PERIOD TO PREVENT THEIR TRANSPORT BY RUNOFF INTO WATERS OF THE STATE.
7. CONTRACTOR SHALL PROVIDE AN OPEN AGGREGATE CONCRETE TRUCK WASHOUT AREA ON SITE. CONTRACTOR TO ENSURE THAT CONCRETE WASHOUT SHALL BE CONTAINED TO THIS DESIGNATED AREA AND NOT BE ALLOWED TO RUN INTO STORM INLETS OR INTO THE OVERLAND STORMWATER DRAINAGE SYSTEM. WASHOUT AREA SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION.
8. TEMPORARY SITE RESTORATION SHALL TAKE PLACE IN DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 30 DAYS AND REQUIRES VEGETATIVE COVER FOR LESS THAN ONE YEAR. THIS TEMPORARY SITE RESTORATION REQUIREMENT ALSO APPLIES TO SOIL STOCKPILES. PERMANENT RESTORATION APPLIES TO AREAS WHERE PERENNIAL VEGETATIVE COVER IS NEEDED TO PERMANENTLY STABILIZE AREAS OF EXPOSED SOIL. PERMANENT STABILIZATION SHALL OCCUR WITHIN 3 WORKING DAYS OF FINAL GRADING. TOPSOIL, SEED, AND MULCH SHALL BE IN GENERAL CONFORMANCE WITH TECHNICAL STANDARDS 1058 AND 1059 AND SHALL MEET THE SPECIFICATIONS FOUND IN THE LANDSCAPING AND SITE STABILIZATION SECTION OF THIS CONSTRUCTION DOCUMENT. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR FINAL STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
9. IF SITE DEWATERING IS REQUIRED TO REMOVE SEDIMENT FROM CONSTRUCTION SITE STORMWATER PRIOR TO DISCHARGING OFF-SITE OR TO WATERS OF THE STATE, FOLLOW PROCEDURES FOUND IN TECHNICAL STANDARD 1061.
10. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH WORKING DAY. FLUSHING SHALL NOT BE ALLOWED.

C. ALL EROSION CONTROL DEVICES SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD. MAINTENANCE SHALL BE PERFORMED PER WISCONSIN ADMINISTRATIVE CODE (W.A.C.) NR 151 STORMWATER MANAGEMENT TECHNICAL STANDARD REQUIREMENTS.

D. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE AREA(S) SERVED HAVE ESTABLISHED VEGETATIVE COVER.

E. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL EROSION CONTROL PERMITS.

32 10 00 AGGREGATE BASE & ASPHALT PAVEMENT

A. CONTRACTOR TO PROVIDE COMPACTED AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT WHERE INDICATED ON THE PLANS. ALL AGGREGATE PROVIDED MUST COMPLY WITH SECTION 305 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. PROVIDE HOT MIX ASPHALT MIXTURE TYPES PER SECTION 460 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. CONTRACTOR TO PROVIDE AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT TYPES AND DEPTHS AS INDICATED BELOW:

STANDARD ASPHALT PAVING	HEAVY ASPHALT PAVING
1-1/2" SURFACE COURSE (E-0.3)	1-3/4" SURFACE COURSE (E-1)
1-1/2" BINDER COURSE (E-0.3)	2-1/4" BINDER COURSE (E-1)
4" OF 1-1/4" CRUSHED AGGREGATE	6" OF 1-1/4" CRUSHED AGGREGATE
6" OF 3" CRUSHED AGGREGATE	8" OF 3" CRUSHED AGGREGATE

B. CONTRACTOR TO COMPACT THE AGGREGATE BASE, ASPHALT BINDER COURSE, AND ASPHALT SURFACE COURSE TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL ASPHALT PAVEMENT AREAS SHALL BE PAVED TO WITHIN 0.10' OF DESIGN SURFACE GRADES WITH POSITIVE DRAINAGE BEING MAINTAINED IN ACCORDANCE WITH DESIGN PLANS. A MINIMUM OF 1% SLOPE SHALL BE MAINTAINED IN ALL ASPHALT PAVEMENT AREA.

C. HOT MIX ASPHALT CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.

D. CONTRACTOR TO PROVIDE 4" WIDE YELLOW PAINTED STRIPING FOR PARKING STALLS, TRAFFIC LANES, AND NO PARKING AREAS YELLOW PAINT MARKINGS SHALL ALSO BE PROVIDED FOR H.C. ACCESSIBLE SYMBOLS, TRAFFIC ARROWS, AND TRAFFIC MESSAGES.

32 20 00 CONCRETE AND AGGREGATE BASE

A. CONTRACTOR TO PROVIDE CRUSHED AGGREGATE BASE AND CONCRETE WHERE INDICATED ON THE PLANS.

B. ALL AGGREGATE PROVIDED MUST COMPLY WITH SECTION 305 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL AGGREGATE PLACED MUST BE COMPACTED TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

C. DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE EXTERIOR CONCRETE FLAT WORK SHALL CONFORM TO ACI 330R-08.

D. EXTERIOR CONCRETE FLAT WORK CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF THE GEOTECHNICAL REPORT OR THIS SPECIFICATION. CONCRETE FLAT WORK CONSTRUCTION IS AS FOLLOWS:

1. SIDEWALK CONCRETE - 4" OF CONCRETE OVER 4" OF 3/4" CRUSHED AGGREGATE BASE. CONTRACTION JOINTS SHALL CONSIST OF 1/8" WIDE BY 1" DEEP TOOLED JOINT WHERE INDICATED ON THE PLANS.

E. DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94
1. SLUMP SHALL NOT EXCEED 4" FOR EXTERIOR CONCRETE SLAB WORK.
2. SLUMP SHALL NOT EXCEED 4" FOR EXTERIOR CONCRETE FLAT WORK
3. SLUMP SHALL BE 2.5" OR LESS FOR SLIP-FORMED CURB AND GUTTER
4. SLUMP SHALL BE BETWEEN 1.5" TO 3" FOR NON SLIP-FORMED CURB AND GUTTER.
5. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED WITH 4% TO 7% AIR CONTENT. NO OTHER ADMIXTURES SHALL BE USED WITHOUT APPROVAL OF EXCEL ENGINEERING, INC. CALCIUM CHLORIDE SHALL NOT BE USED.
6. MAXIMUM AGGREGATE SIZE FOR ALL EXTERIOR CONCRETE SHALL BE 0.75 INCHES.

F. ALL EXTERIOR MECHANICAL EQUIPMENT CONCRETE PADS SHALL BE SIZED AND DESIGNED BY THE EQUIPMENT SUPPLIER.

G. ALL CONCRETE FLAT WORK SURFACES AND CONCRETE CURB FLOWLINES SHALL BE CONSTRUCTED TO WITHIN 0.05' OF DESIGN SURFACE AND FLOWLINE GRADES ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE DESIGN PLANS.

H. CONCRETE FLAT WORK SHALL HAVE CONSTRUCTION JOINTS OR SAW CUT JOINTS PLACED AS INDICATED ON THE PLANS OR PER THIS SPECIFICATION. SAWCUTS SHALL BE DONE AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS AFTER CONCRETE IS PLACED. CONCRETE CURB AND GUTTER JOINTING SHALL BE PLACED EVERY 10' OR CLOSER (5' MIN.). ALL EXTERIOR CONCRETE SHALL HAVE A LIGHT BROOM FINISH UNLESS NOTED OTHERWISE. A UNIFORM COAT OF A HIGH SOLIDS CURING COMPOUND MEETING ASTM C309 SHOULD BE APPLIED TO ALL EXPOSED CONCRETE SURFACES. ALL CONCRETE IS TO BE CURED FOR 7 DAYS. EXTERIOR CONCRETE SHALL BE SEPARATED FROM BUILDINGS WITH CONTINUOUS 0.5 INCH FIBER EXPANSION JOINT AND/OR 0.25 INCH FIBER EXPANSION JOINT AT DECORATIVE MASONRY UNITS.

I. ALL REINFORCING BARS SHALL BE ASTM A615 GRADE 60. THICKNESS OF CONCRETE COVER OVER REINFORCEMENT SHALL BE NOT LESS THAN 3" WHERE CONCRETE IS DEPOSITED AGAINST THE GROUND WITHOUT THE USE OF FORMS AND NOT LESS THAN 1.5" IN ALL OTHER LOCATIONS. ALL REINFORCING SHALL BE LAPPED 36 DIAMETERS FOR UP TO #6 BARS, 60 DIAMETERS FOR #7 TO #10 BARS OR AS NOTED ON THE DRAWINGS AND EXTENDED AROUND CORNERS WITH CORNER BARS. PLACING AND DETAILING OF STEEL REINFORCING AND REINFORCING SUPPORTS SHALL BE IN ACCORDANCE WITH CRSI AND ACI MANUAL AND STANDARD PRACTICES. THE REINFORCEMENT SHALL NOT BE PAINTED AND MUST BE FREE OF GREASE/OIL, DIRT OR DEBRIS THAT WOULD REDUCE BOND. WELDED WIRE FABRIC SHALL MEET THE REQUIREMENTS OF ASTM A 185. WELDED WIRE FABRIC SHALL BE PLACED 2" FROM TOP OF SLAB, UNLESS INDICATED OTHERWISE.

J. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO SAMPLE MATERIALS, PERFORM TESTS, AND SUBMIT TEST REPORTS AS DIRECTED BY OWNER. TESTS WILL BE PERFORMED ACCORDING TO ACI 301. CAST AND LABORATORY CURE ONE SET OF FOUR STANDARD CYLINDERS FOR EACH COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIX EXCEEDING 5 CU. YD., BUT LESS THAN 25 CU. YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF. PERFORM COMPRESSIVE-STRENGTH TESTS ACCORDING TO ASTM C 39. TEST TWO SPECIMENS AT 7 DAYS AND TWO SPECIMENS AT 28 DAYS. PERFORM SLUMP TESTING ACCORDING TO ASTM C 143. PROVIDE ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIX. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE.

K. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. IN HOT, DRY, AND WINDY WEATHER, APPLY AN EVAPORATION-CONTROL COMPOUND ACCORDING TO MANUFACTURER'S INSTRUCTIONS AFTER SCREEDING AND BULL FLOATING, BUT BEFORE POWER FLOATING AND TROWELLING.

L. LIMIT MAXIMUM WATER-CEMENTIOUS RATIO OF CONCRETE EXPOSED TO FREEZING, THAWING AND DEICING SALTS TO 0.45.

M. TEST RESULTS WILL BE REPORTED IN WRITING TO THE DESIGN ENGINEER, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TESTS.

32 30 00 LANDSCAPING AND SITE STABILIZATION

A. TOPSOIL: CONTRACTOR TO PROVIDE A MINIMUM OF 6" OF TOPSOIL FOR ALL DISTURBED OPEN AREAS. REUSE SURFACE SOIL STOCKPILED ON SITE AND SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF SITE SOURCES WHEN QUANTITIES ARE INSUFFICIENT. PROVIDE SOIL ANALYSIS BY A QUALIFIED SOIL TESTING LABORATORY AS REQUIRED TO VERIFY THE SUITABILITY OF SOIL TO BE USED AS TOPSOIL AND TO DETERMINE THE NECESSARY SOIL AMENDMENTS. TEST SOIL FOR PRESENCE OF ATRAZINE AND HERBICIDE RESIDUE, ENGINEERING, INC. IF PRESENT PRIOR TO BIDDING PROJECT. TOPSOIL SHALL HAVE A PH RANGE OF 5.5 TO 8.0, CONTAIN A MINIMUM OF 5 PERCENT ORGANIC MATERIAL CONTENT, AND SHALL BE FREE OF STONES 1 INCH OR LARGER IN DIAMETER. ALL MATERIALS HARMFUL TO PLANT GROWTH SHALL ALSO BE REMOVED.

TOPSOIL INSTALLATION: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES AND REMOVE STONES LARGER THAN 1" IN DIAMETER. ALSO REMOVE ANY STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND DISPOSE OF THEM OFF THE PROPERTY. SPREAD TOPSOIL TO A DEPTH OF 6" BUT NOT LESS THAN WHAT IS REQUIRED TO MEET FINISHED GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD TOPSOIL IF SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET. GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO within 0.05 FEET OF FINISHED GRADE ELEVATION.

B. SEEDED LAWNS:
1. PERMANENT LAWN AREAS SHALL BE SEEDED WITH THE FOLLOWING MIXTURE: 65% KENTUCKY BLUEGRASS BLEND (2 0-2 6 LBS./1,000 S.F.), 25% PERENNIAL RYEGRASS (0.6-0.8 LBS./1,000 S.F.), 15% FINE RESCUE (0.4-0.6 LBS/1,000 S.F.). STRAW AND MULCH SHALL BE LAID AT 100LBS/1,000 S.F. FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 OR EQUIVALENT AT 20 LBS/1,000 S.F. SEE EROSION MATTING SPECIFICATIONS AS REQUIRED.
2. ALL PERMANENT AND TEMPORARY STORM WATER CONVEYANCE SWALE BOTTOMS AND SIDE SLOPES AS WELL AS STORMWATER MANAGEMENT BASIN BOTTOMS AND SIDE SLOPES SHALL BE SEEDED WITH THE FOLLOWING MIXTURE: 45% KENTUCKY BLUEGRASS (0.60 LBS./1000 S.F.), 40% CREEPING RED FESCUE (0.50 LBS./1,000 S.F.), AND 15% PERENNIAL RYEGRASS (0.20 LBS./1,000 S.F.). FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 OR EQUIVALENT AT 20 LBS./1,000 S.F. SEE EROSION MATTING SPECIFICATIONS AS REQUIRED.
3. ALL TEMPORARY SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE: 100% RYEGRASS AT 3 5 LBS./1,000 S.F. STRAW AND MULCH SHALL BE LAID AT 100 LBS./1,000 S.F. FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 OR EQUIVALENT AT 14 LBS./1,000 S.F. SEE EROSION MATTING SPECIFICATIONS AS REQUIRED.

C. SEEDED LAWN MAINTENANCE: CONTRACTOR TO PROVIDE MAINTENANCE OF ALL LANDSCAPING FOR A PERIOD OF 90 DAYS FROM THE DATE OF INSTALLATION. AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS SHOULD BE ESTABLISHED FREE OF WEEDS AND SURFACE IRREGULARITIES. LAWN COVERAGE SHOULD EXCEED 90% AND BARE SPOTS SHOULD NOT EXCEED 5"X5". CONTRACTOR SHOULD REESTABLISH LAWNS THAT DO NOT COMPLY WITH THESE REQUIREMENTS AND CONTINUE MAINTENANCE UNTIL LAWNS ARE SATISFACTORY.

D. EROSION MATTING:
1. CONTRACTOR TO PROVIDE EROSION CONTROL MATTING (NORTH AMERICAN GREEN S150) OR EQUIVALENT ON ALL SLOPES THAT ARE 4:1 AND GREATER OUTSIDE OF STORMWATER CONVEYANCE SWALES AND STORMWATER MANAGEMENT BASINS.
2. CONTRACTOR TO PROVIDE EROSION CONTROL MATTING (NORTH AMERICAN GREEN C125) OR EQUIVALENT IN ALL SWALE BOTTOMS AND SIDE SLOPES AS WELL AS STORMWATER MANAGEMENT BASIN BOTTOMS AND SIDE SLOPES AS REQUIRED.

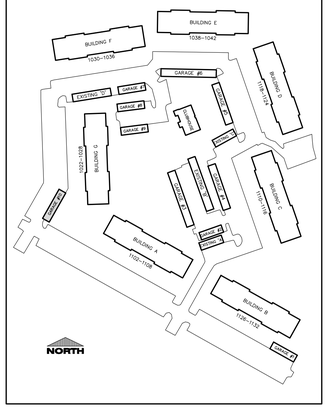
E. TREES AND SHRUBS: FURNISH NURSERY-GROWN TREES AND SHRUBS WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL-SHAPED, FULLY BRANCHED, AND HEALTHY LOOKING STOCK. STOCK SHOULD ALSO BE FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND OBJECTIONABLE DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. SEE THE LANDSCAPE PLAN FOR SPECIFIC SPEDIE TYPE, SIZE, AND LOCATION.

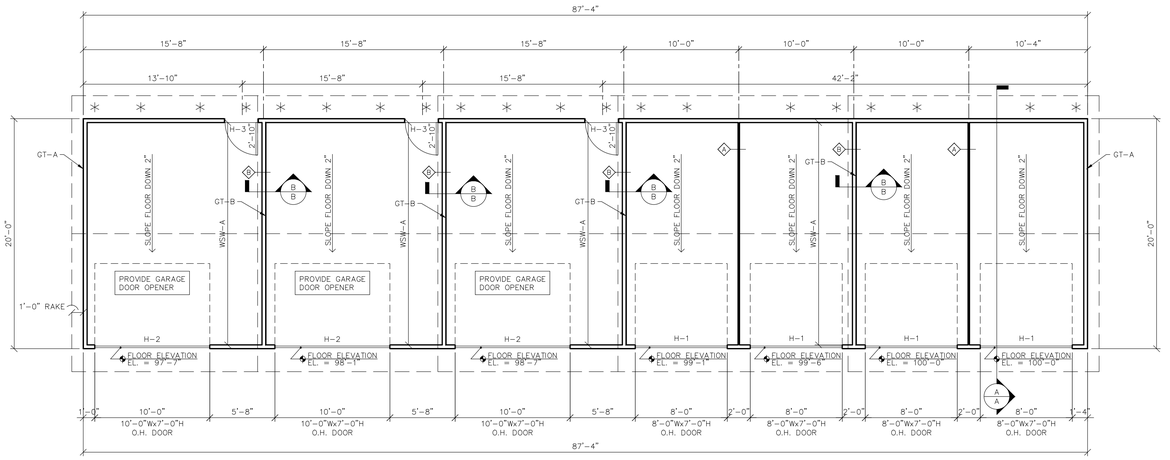
F. TREE AND SHRUB INSTALLATION: EXCAVATE CIRCULAR PITS WITH SIDES SLOPED INWARD. TRIM BASE LEAVING CENTER AREA RAISED SLIGHTLY TO SUPPORT ROOT BALL. EXCAVATE PIT APPROXIMATELY THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER. SET TREES AND SHRUBS PLUMB AND IN CENTER OF PI

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
- SEE CIVIL PLANS FOR FLOOR ELEVATIONS AT GARAGE OVERHEAD DOOR
- TRUSS MANUFACTURER TO PREPARE FINAL FRAMING PLANS FOR THE CONTRACTOR'S USE IN FIELD. NOTIFY ARCHITECT / ENGINEER OF ANY CHANGES.
- SEE BUILDING CROSS SECTIONS AND DETAILS FOR TRUSS PROFILES
- SEE TRUSS MANUFACTURER'S DRAWING FOR WEB & LATERAL BRACING SIZE & LOCATION REQUIREMENTS – BRACING BY G.C.
- ALL METAL TRUSS HANGERS BY TRUSS MANUFACTURER WHERE REQUIRED.
- THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN I.B.C. TABLE 2304.9.1 "FASTENING SCHEDULE" – SEE STRUCTURAL DRAWINGS.
- PROVIDE FULL DEPTH BLOCKING AT MID HEIGHT OF ALL INTERIOR BEARING WALLS.
- EXCEPTION: AT INTERIOR BEARING WALLS THAT ARE PRE-SHEATHED BOTH SIDES, WITH SHEATHING FASTENED AT 12" O.C., FULL DEPTH BLOCKING IS NOT REQUIRED.
- USE (1) 'SIMPSON' H2.5T TRUSS ANCHOR @ EACH ROOF TRUSS BEARING LOCATION W/ (5) 8d NAILS INTO TRUSS & (5) 8d NAILS INTO MIN. DOUBLE PLATE.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING TO TOP OF ALL GABLE END TRUSSES W/ 8d NAILS @ 6" O.C.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) @ INTERMEDIATE SUPPORTS.
- UNLESS NOTED OTHERWISE, NAIL WALL SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) TO INTERMEDIATE SUPPORTS.
- ✳ INDICATES LOCATION OF TRUSS/RAFTER BLOCKING.
- SEE DETAIL D/D FOR TYPICAL 2x BLOCKING AT ROOF TRUSSES WHEN REQUIRED.

SITE PLAN KEY:





NORTH

(7) GARAGES
GARAGE #10 FLOOR PLAN

SCALE: 3/16" = 1'-0"

5' 0' 5' 10'

(7) GARAGES
GARAGE #10 ELEVATION

SCALE: 3/16" = 1'-0"

5' 0' 5' 10'

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [1]
WSW-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE <50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

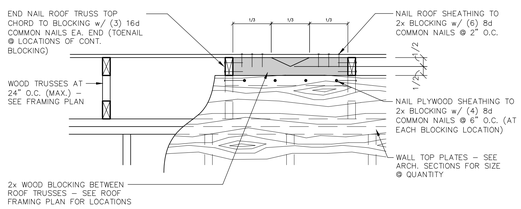
MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
- ALL HEADERS TO BE PLACED DIRECTLY BELOW WALL TOP PLATES.
- NAIL ALL 2x4 STUD COLUMNS w/ 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.
- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

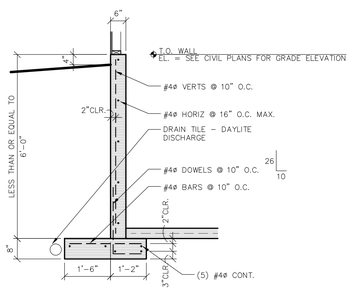
GABLE TRUSS SCHEDULE

MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT-A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

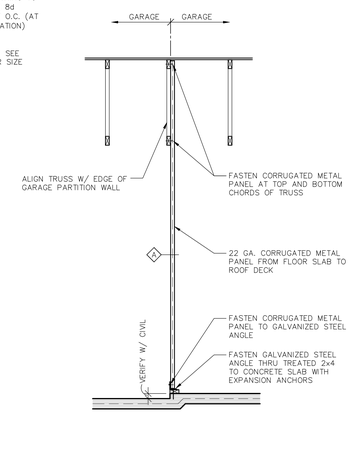
GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT-A INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.



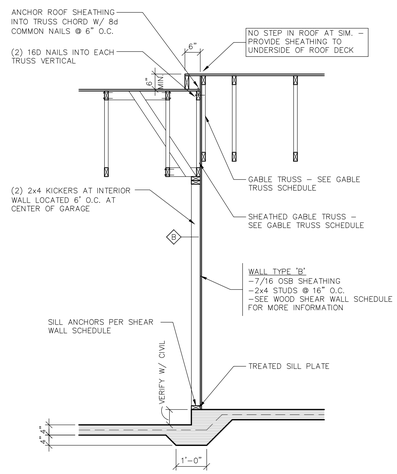
D/D WOOD BLOCKING DETAIL
NO SCALE



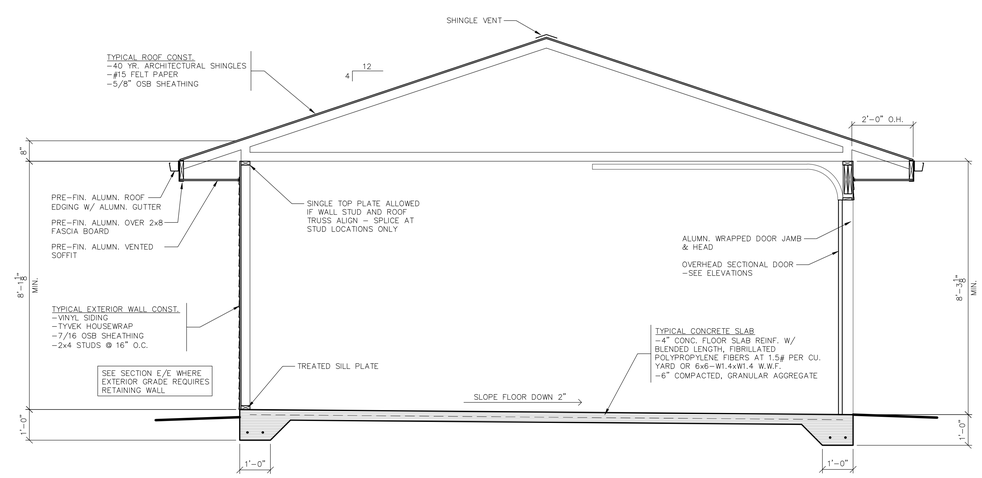
E/E RETAINING WALL
SCALE: 1/2" = 1'-0"



C/C SECTION
SCALE: 1/2" = 1'-0"



B/B SECTION
SCALE: 1/2" = 1'-0"



A/A CROSS SECTION
SCALE: 1/2" = 1'-0"

EXCEL ENGINEERING Inc.
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
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DRAWING SET IDENTIFIER

- PROJECT MASTER SET
- BUILDING 'A'
- BUILDING 'B'
- BUILDING 'C'
- BUILDING 'D'
- BUILDING 'E'
- BUILDING 'F'
- BUILDING 'G'
- CLUBHOUSE
- GARAGE #1
- GARAGE #2
- GARAGE #3
- GARAGE #4
- GARAGE #5
- GARAGE #6
- GARAGE #7
- GARAGE #8
- GARAGE #9
- GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.9

GENERAL STRUCTURAL NOTES:

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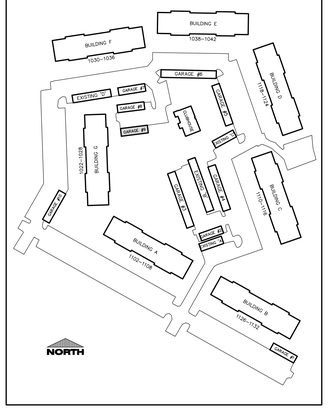
SITE PLAN KEY:



WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSH-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

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H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
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MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
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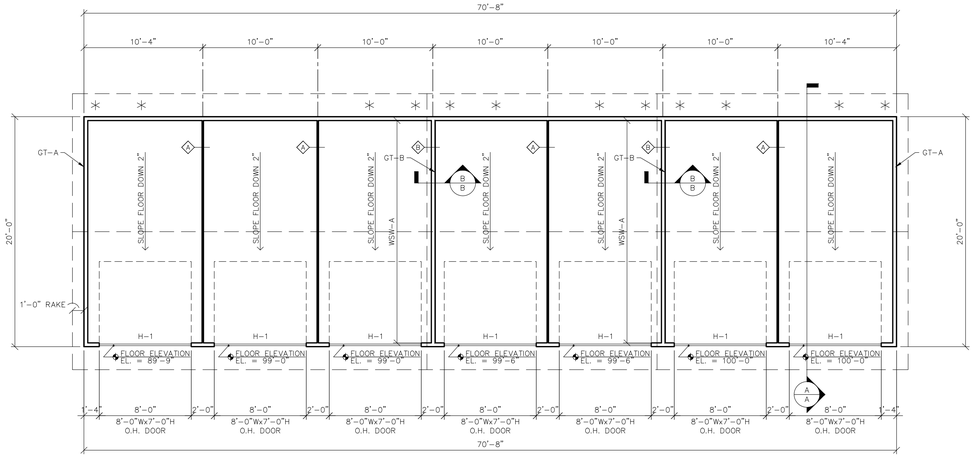
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.

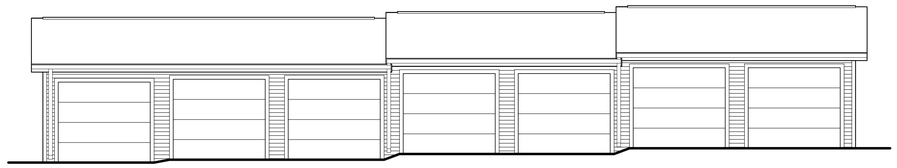


NORTH

(7) GARAGES
GARAGE #9 FLOOR PLAN

SCALE: 3/16" = 1'-0"

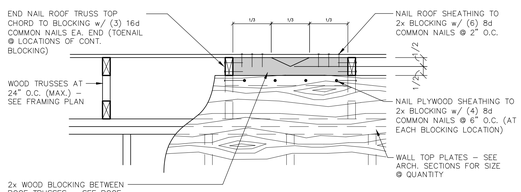
5' 0' 5' 10'



(7) GARAGES
GARAGE #9 ELEVATION

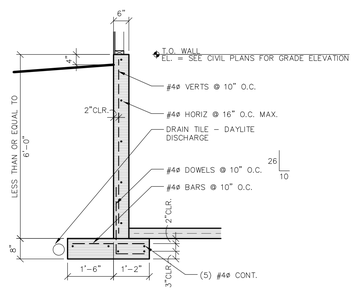
SCALE: 3/16" = 1'-0"

5' 0' 5' 10'



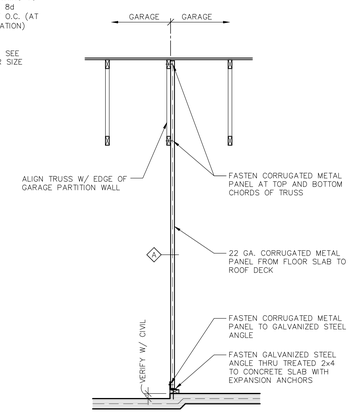
D/D WOOD BLOCKING DETAIL

NO SCALE



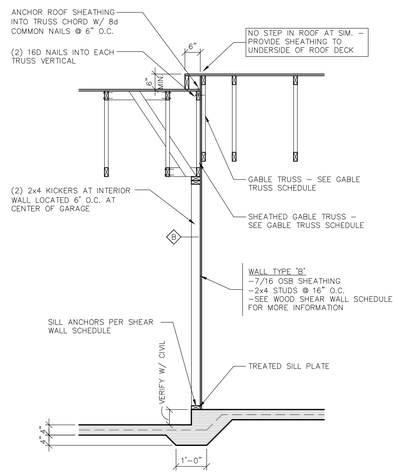
E/E RETAINING WALL

SCALE: 1/2" = 1'-0"



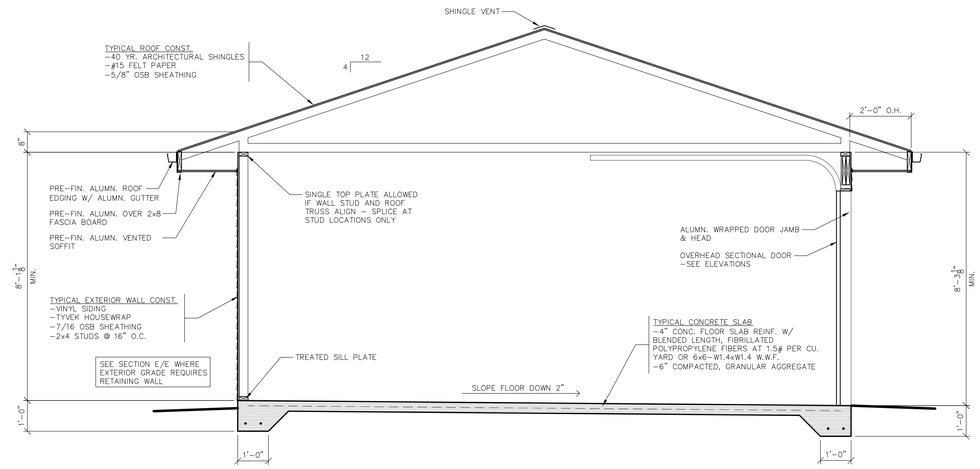
C/C SECTION

SCALE: 1/2" = 1'-0"



B/B SECTION

SCALE: 1/2" = 1'-0"



A/A CROSS SECTION

SCALE: 1/2" = 1'-0"

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100 CAMELOT DRIVE
FOND DU LAC, WI 54935
PHONE: (920) 926-9800
FAX: (920) 926-9801

Always a Better Plan

DRAWING SET IDENTIFIER

●	PROJECT MASTER SET
	BUILDING 'A'
	BUILDING 'B'
	BUILDING 'C'
	BUILDING 'D'
	BUILDING 'E'
	BUILDING 'F'
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	CLUBHOUSE
	GARAGE #1
	GARAGE #2
	GARAGE #3
	GARAGE #4
	GARAGE #5
	GARAGE #6
	GARAGE #7
	GARAGE #8
●	GARAGE #9
	GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.8

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
- SEE CIVIL PLANS FOR FLOOR ELEVATIONS AT GARAGE OVERHEAD DOOR
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- USE (1) 'SIMPSON' H2.5T TRUSS ANCHOR @ EACH ROOF TRUSS BEARING LOCATION W/ (5) 8d NAILS INTO TRUSS & (5) 8d NAILS INTO MIN. DOUBLE PLATE.
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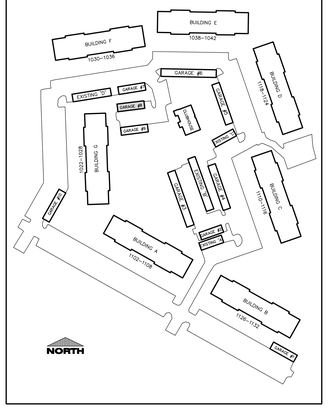
- SEE DETAIL D/D FOR TYPICAL 2x BLOCKING AT ROOF TRUSSES WHEN REQUIRED.

SITE PLAN KEY:



WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSW-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

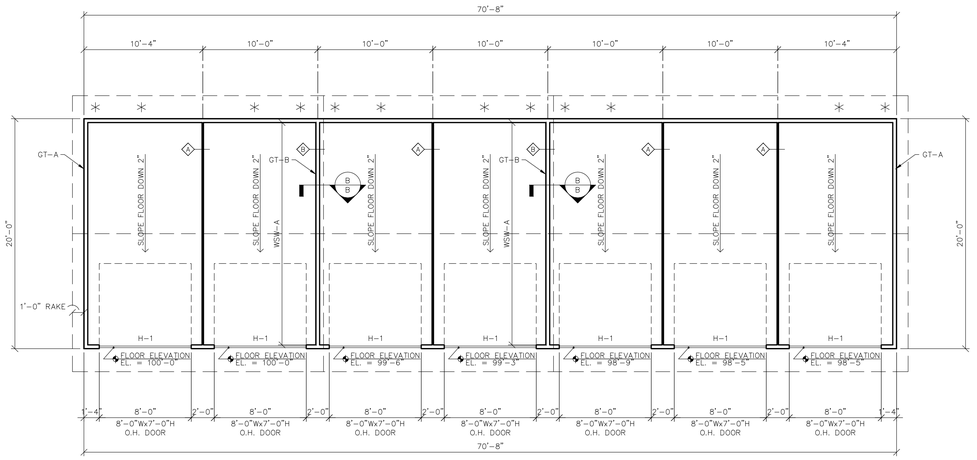
MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
- ALL HEADERS TO BE PLACED DIRECTLY BELOW WALL TOP PLATES.
- NAIL ALL 2x4 STUD COLUMNS w/ 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.
- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

GABLE TRUSS SCHEDULE

MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT-A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

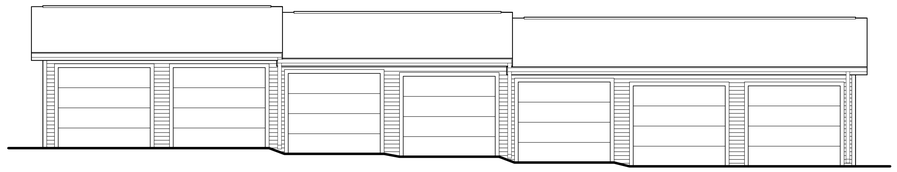
GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT-X INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.



(7) GARAGES
GARAGE #8 FLOOR PLAN

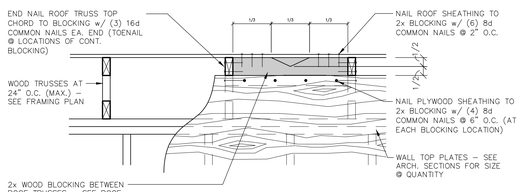
SCALE: 3/16" = 1'-0"

NORTH

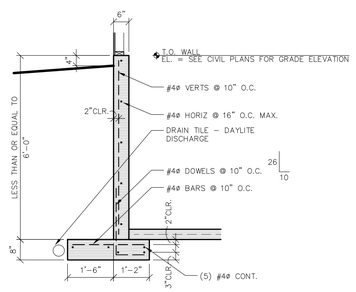


(7) GARAGES
GARAGE #8 ELEVATION

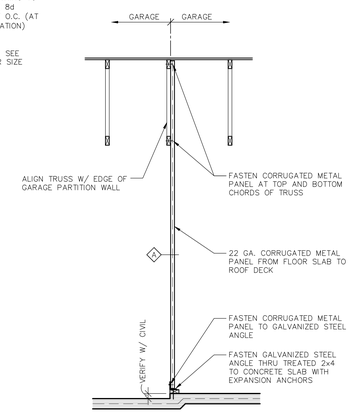
SCALE: 3/16" = 1'-0"



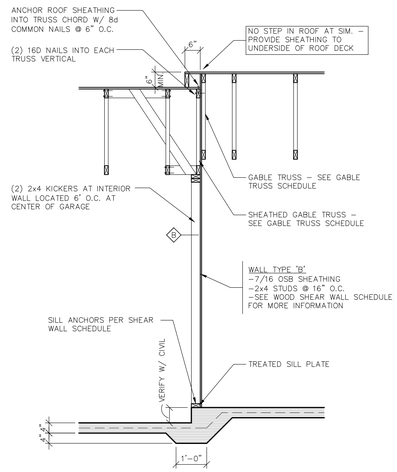
D/D WOOD BLOCKING DETAIL
NO SCALE



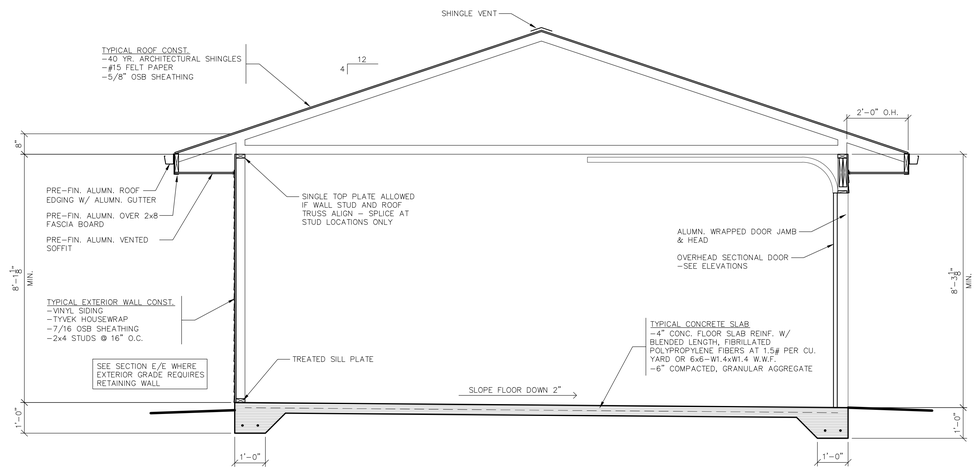
E/E RETAINING WALL
SCALE: 1/2" = 1'-0"



C/C SECTION
SCALE: 1/2" = 1'-0"



B/B SECTION
SCALE: 1/2" = 1'-0"



A/A CROSS SECTION
SCALE: 1/2" = 1'-0"

EXCEL ENGINEERING Inc.
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
PHONE: (920) 926-9800
FAX: (920) 926-9801

Always a Better Plan

DRAWING SET IDENTIFIER

●	PROJECT MASTER SET
	BUILDING 'A'
	BUILDING 'B'
	BUILDING 'C'
	BUILDING 'D'
	BUILDING 'E'
	BUILDING 'F'
	BUILDING 'G'
	CLUBHOUSE
	GARAGE #1
	GARAGE #2
	GARAGE #3
	GARAGE #4
	GARAGE #5
	GARAGE #6
	GARAGE #7
●	GARAGE #8
	GARAGE #9
	GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

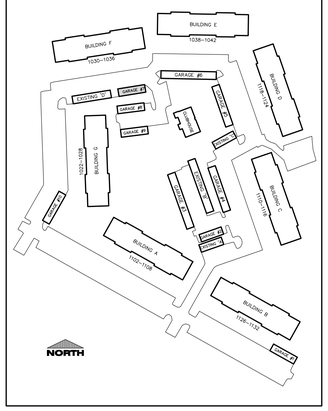
JOB NUMBER:
1206230

SHEET
A6.7

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
- SEE CIVIL PLANS FOR FLOOR ELEVATIONS AT GARAGE OVERHEAD DOOR
- TRUSS MANUFACTURER TO PREPARE FINAL FRAMING PLANS FOR THE CONTRACTOR'S USE IN FIELD. NOTIFY ARCHITECT / ENGINEER OF ANY CHANGES.
- SEE BUILDING CROSS SECTIONS AND DETAILS FOR TRUSS PROFILES
- SEE TRUSS MANUFACTURER'S DRAWING FOR WEB & LATERAL BRACING SIZE & LOCATION REQUIREMENTS – BRACING BY G.C.
- ALL METAL TRUSS HANGERS BY TRUSS MANUFACTURER WHERE REQUIRED.
- THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN I.B.C. TABLE 2304.9.1 "FASTENING SCHEDULE" – SEE STRUCTURAL DRAWINGS.
- PROVIDE FULL DEPTH BLOCKING AT MID HEIGHT OF ALL INTERIOR BEARING WALLS.
- EXCEPTION: AT INTERIOR BEARING WALLS THAT ARE PRE-SHEATHED BOTH SIDES, WITH SHEATHING FASTENED AT 12" O.C., FULL DEPTH BLOCKING IS NOT REQUIRED.
- USE (1) 'SIMPSON' H2.5T TRUSS ANCHOR @ EACH ROOF TRUSS BEARING LOCATION W/ (5) 8d NAILS INTO TRUSS & (5) 8d NAILS INTO MIN. DOUBLE PLATE.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING TO TOP OF ALL GABLE END TRUSSES W/ 8d NAILS @ 6" O.C.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) @ INTERMEDIATE SUPPORTS.
- UNLESS NOTED OTHERWISE, NAIL WALL SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) TO INTERMEDIATE SUPPORTS.
- ✳ INDICATES LOCATION OF TRUSS/RAFTER BLOCKING.
- SEE DETAIL D/D FOR TYPICAL 2x BLOCKING AT ROOF TRUSSES WHEN REQUIRED.

SITE PLAN KEY:



WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSH-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
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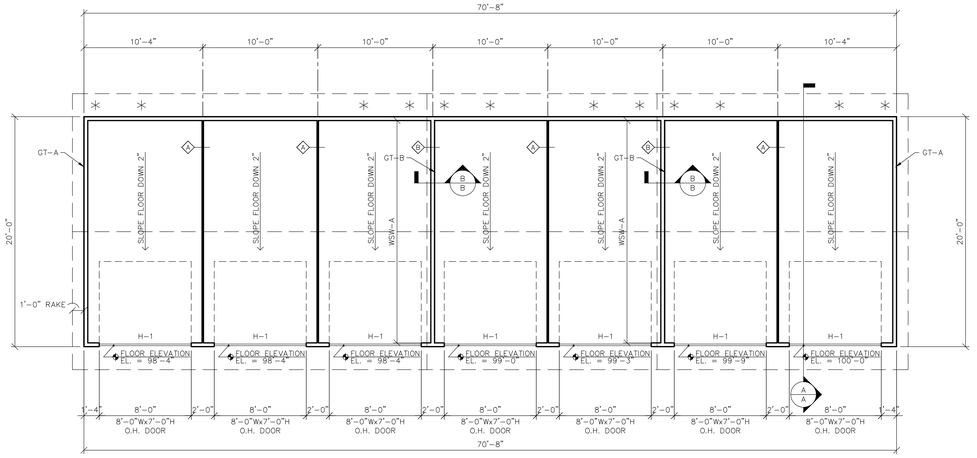
GABLE TRUSS SCHEDULE

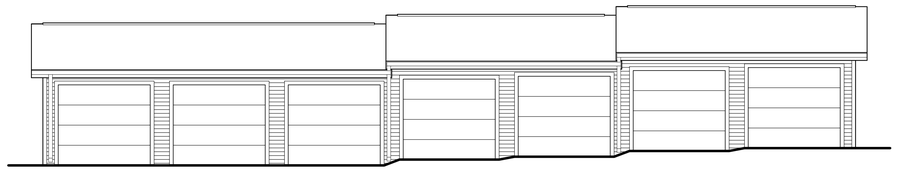
MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT-A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT-X INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.

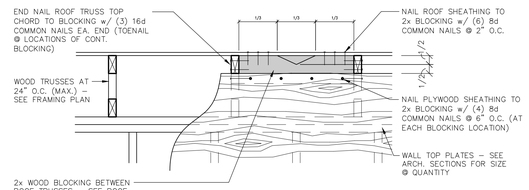


NORTH

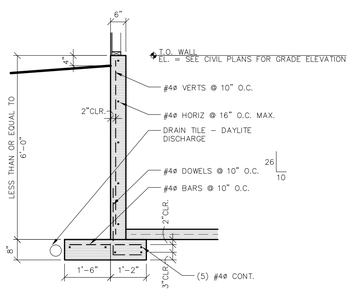
(7) GARAGES
GARAGE #7 FLOOR PLAN
SCALE: 3/16" = 1'-0"



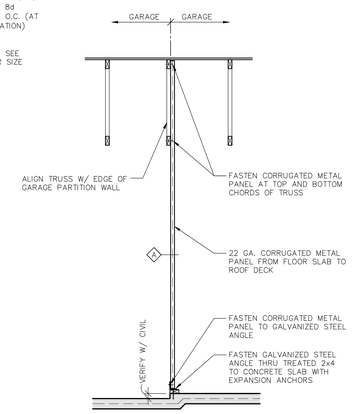
(7) GARAGES
GARAGE #7 ELEVATION
SCALE: 3/16" = 1'-0"



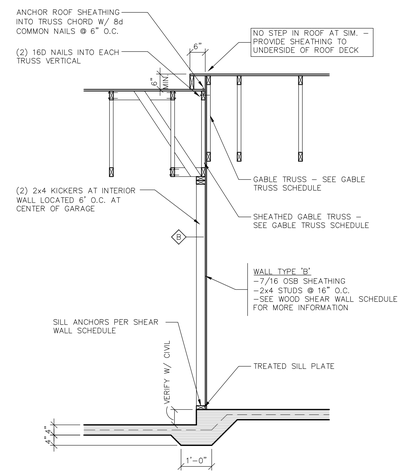
D/D WOOD BLOCKING DETAIL
NO SCALE



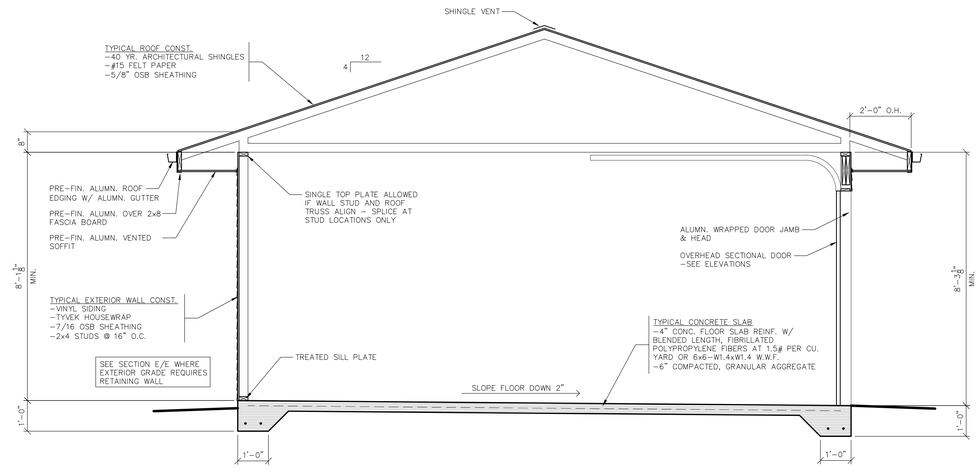
E/E RETAINING WALL
SCALE: 1/2" = 1'-0"



C/C SECTION
SCALE: 1/2" = 1'-0"



B/B SECTION
SCALE: 1/2" = 1'-0"



A/A CROSS SECTION
SCALE: 1/2" = 1'-0"

EXCEL ENGINEERING Inc.
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
PHONE: (920) 926-9800
FAX: (920) 926-9801

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DRAWING SET IDENTIFIER

●	PROJECT MASTER SET
	BUILDING 'A'
	BUILDING 'B'
	BUILDING 'C'
	BUILDING 'D'
	BUILDING 'E'
	BUILDING 'F'
	BUILDING 'G'
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	GARAGE #4
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	GARAGE #6
●	GARAGE #7
	GARAGE #8
	GARAGE #9
	GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.6

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
- SEE CIVIL PLANS FOR FLOOR ELEVATIONS AT GARAGE OVERHEAD DOOR
- TRUSS MANUFACTURER TO PREPARE FINAL FRAMING PLANS FOR THE CONTRACTOR'S USE IN FIELD. NOTIFY ARCHITECT / ENGINEER OF ANY CHANGES.
- SEE BUILDING CROSS SECTIONS AND DETAILS FOR TRUSS PROFILES
- SEE TRUSS MANUFACTURER'S DRAWING FOR WEB & LATERAL BRACING SIZE & LOCATION REQUIREMENTS – BRACING BY G.C.
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- EXCEPTION: AT INTERIOR BEARING WALLS THAT ARE PRE-SHEATHED BOTH SIDES, WITH SHEATHING FASTENED AT 12" O.C., FULL DEPTH BLOCKING IS NOT REQUIRED.
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- ✳ INDICATES LOCATION OF TRUSS/RAFTER BLOCKING.
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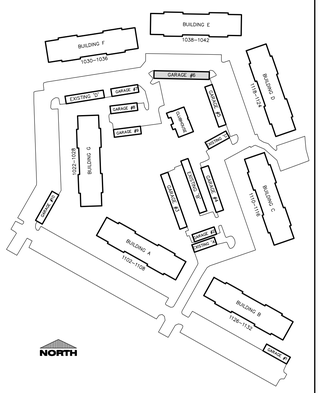
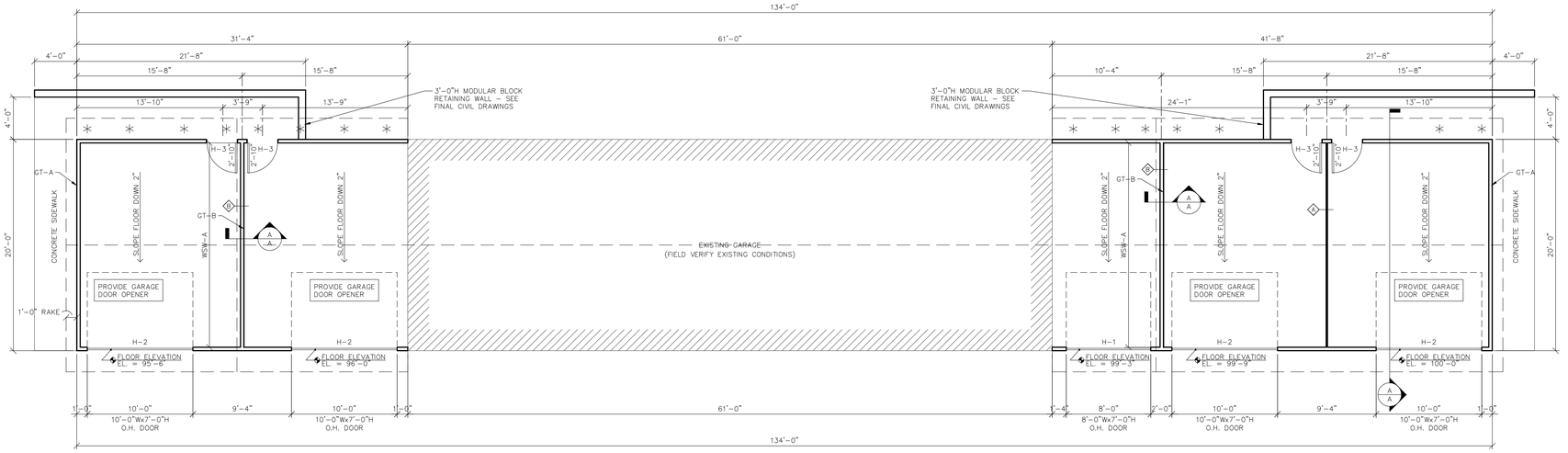
SITE PLAN KEY:

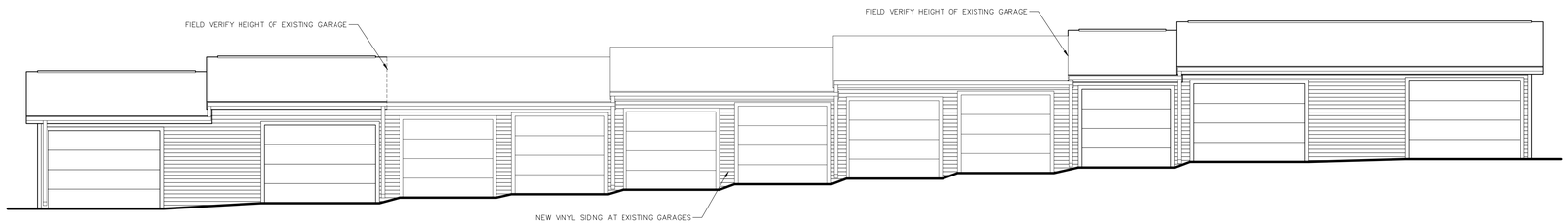




(5) GARAGES AT EXISTING GARAGE #6 FLOOR PLAN

SCALE: 3/16" = 1'–0"

5' 0' 5' 10'



(5) GARAGES AT EXISTING GARAGE #6 ELEVATION

SCALE: 3/16" = 1'–0"

5' 0' 5' 10'

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
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WOOD SHEAR WALL SCHEDULE NOTES:
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WOOD HEADER SCHEDULE

MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
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- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

GABLE TRUSS SCHEDULE

MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
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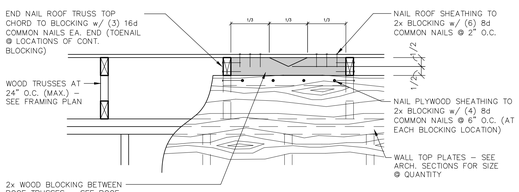
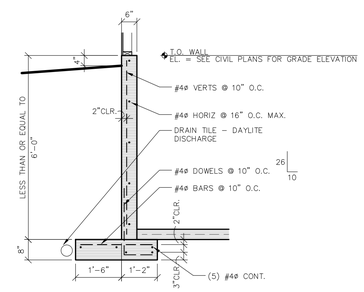
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT-X INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.



D/D WOOD BLOCKING DETAIL
NO SCALE



E/E RETAINING WALL
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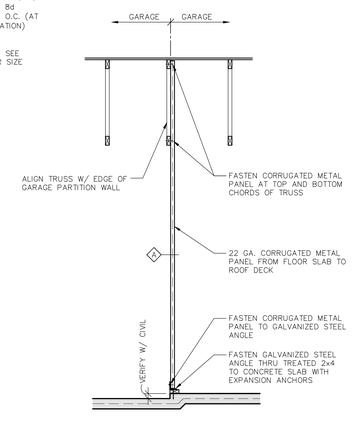

C/C SECTION
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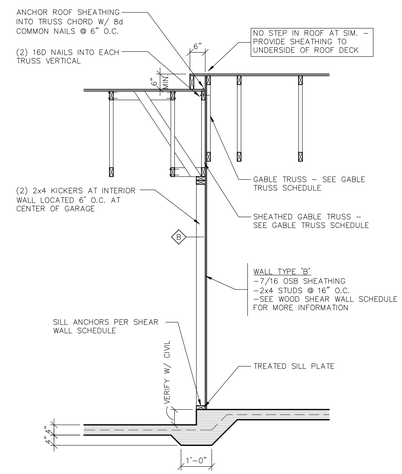

B/B SECTION
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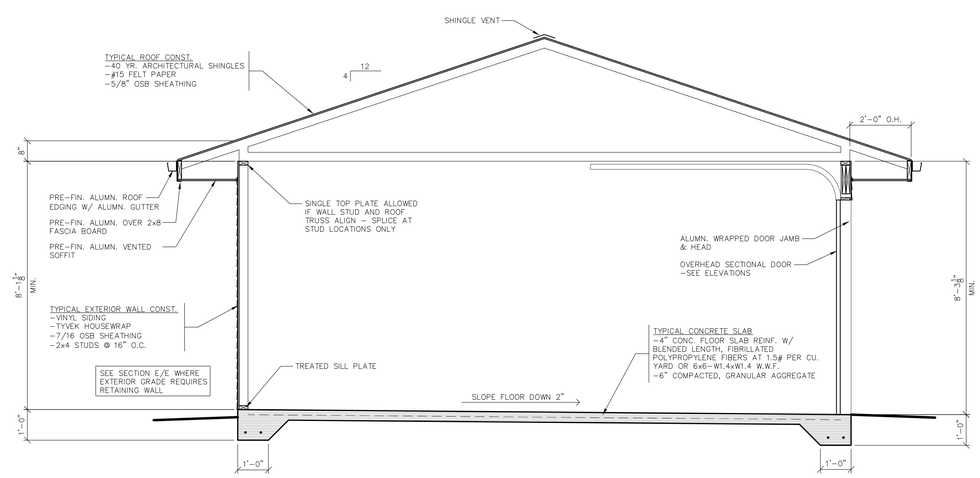

A/A CROSS SECTION
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ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
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1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.5

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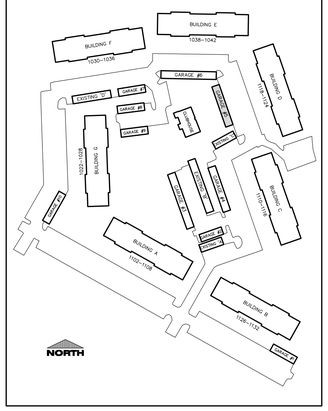
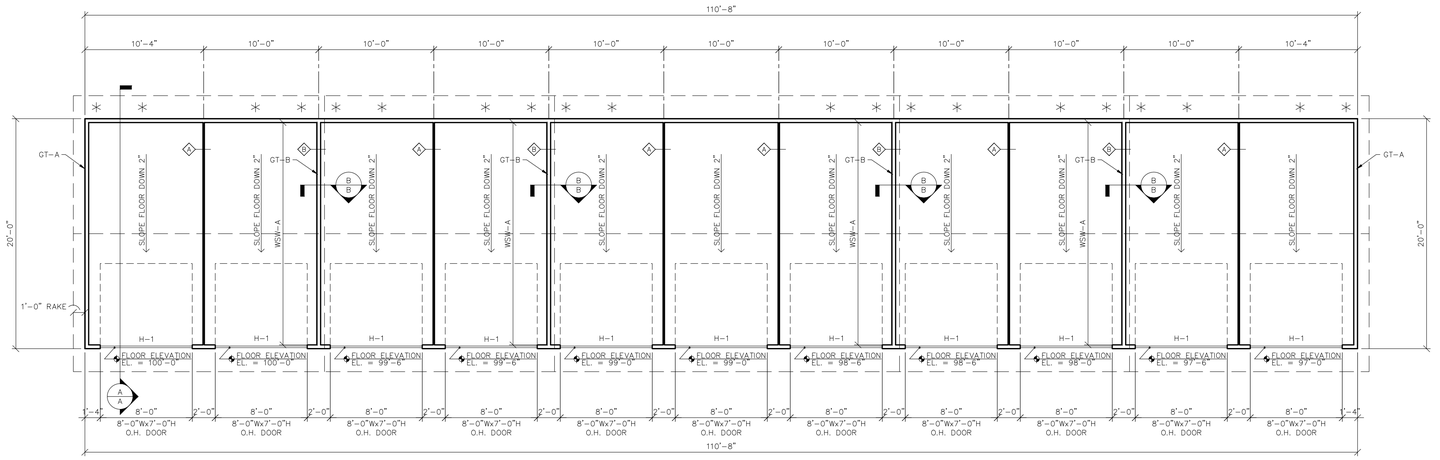
- SEE BUILDING CROSS SECTIONS AND DETAILS FOR TRUSS PROFILES
- SEE TRUSS MANUFACTURER'S DRAWING FOR WEB & LATERAL BRACING SIZE & LOCATION REQUIREMENTS – BRACING BY G.C.
- ALL METAL TRUSS HANGERS BY TRUSS MANUFACTURER WHERE REQUIRED.
- THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN I.B.C. TABLE 2304.9.1 "FASTENING SCHEDULE" – SEE STRUCTURAL DRAWINGS.
- PROVIDE FULL DEPTH BLOCKING AT MID HEIGHT OF ALL INTERIOR BEARING WALLS.
- EXCEPTION: AT INTERIOR BEARING WALLS THAT ARE PRE-SHEATHED BOTH SIDES, WITH SHEATHING FASTENED AT 12" O.C., FULL DEPTH BLOCKING IS NOT REQUIRED.
- USE (1) 'SIMPSON' H2.5T TRUSS ANCHOR @ EACH ROOF TRUSS BEARING LOCATION W/ (5) 8d NAILS INTO TRUSS & (5) 8d NAILS INTO MIN. DOUBLE PLATE.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING TO TOP OF ALL GABLE END TRUSSES W/ 8d NAILS @ 6" O.C.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) @ INTERMEDIATE SUPPORTS.
- UNLESS NOTED OTHERWISE, NAIL WALL SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) TO INTERMEDIATE SUPPORTS.
- ✳ INDICATES LOCATION OF TRUSS/RAFTER BLOCKING.
- SEE DETAIL D/D FOR TYPICAL 2x BLOCKING AT ROOF TRUSSES WHEN REQUIRED.

SITE PLAN KEY:



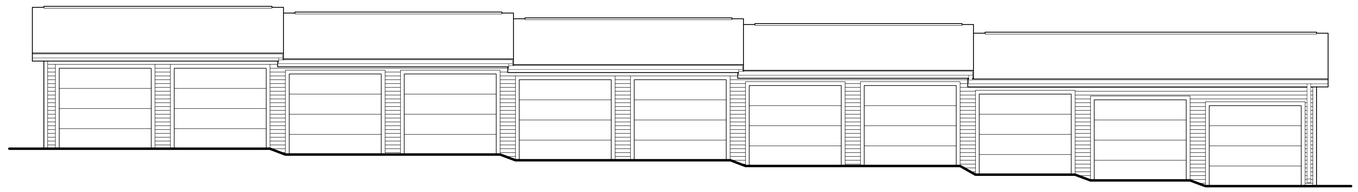


NORTH

(11) GARAGES
GARAGE #5 FLOOR PLAN

SCALE: 3/16" = 1'-0"

5" 0" 5" 10"



(11) GARAGES
GARAGE #5 ELEVATION

SCALE: 3/16" = 1'-0"

5" 0" 5" 10"

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSW-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
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- NAIL ALL 2x4 STUD COLUMNS w/ 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.
- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

GABLE TRUSS SCHEDULE

MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT-A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

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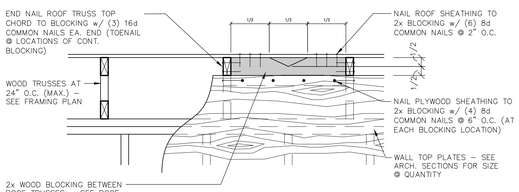
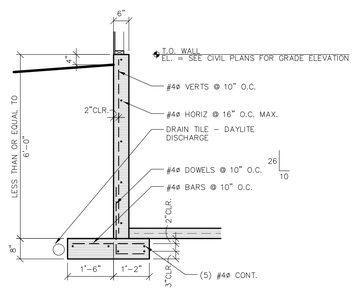


D/D WOOD BLOCKING DETAIL
NO SCALE



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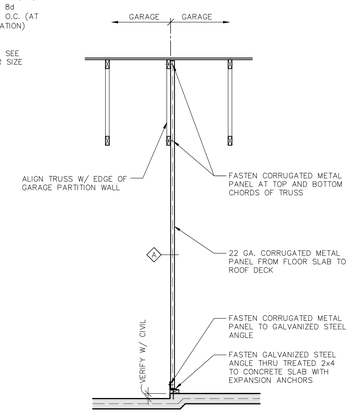

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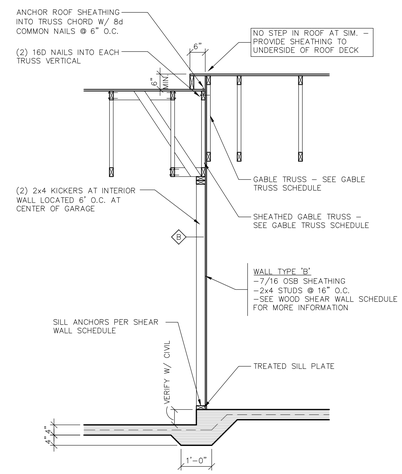

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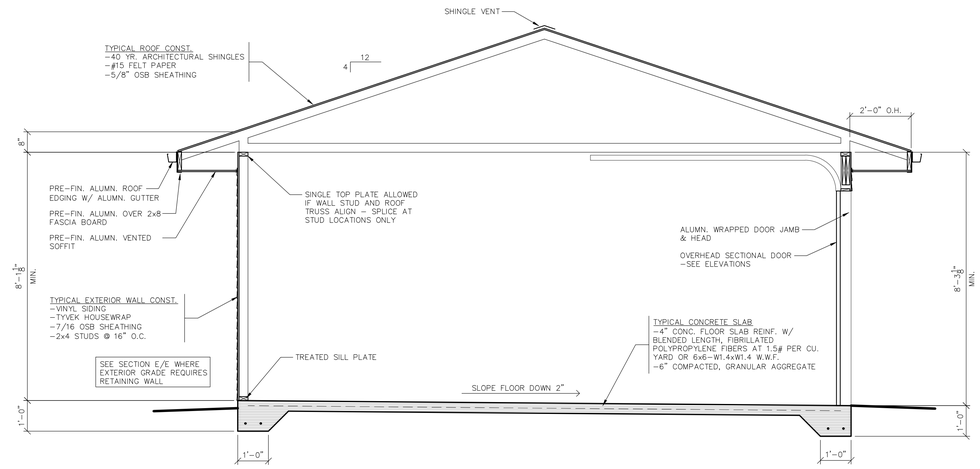

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SHEET
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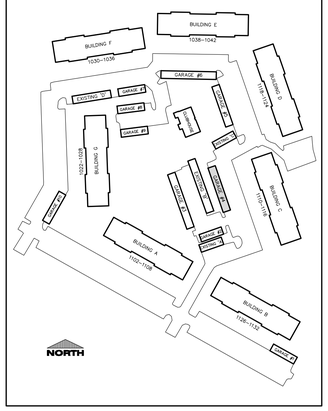

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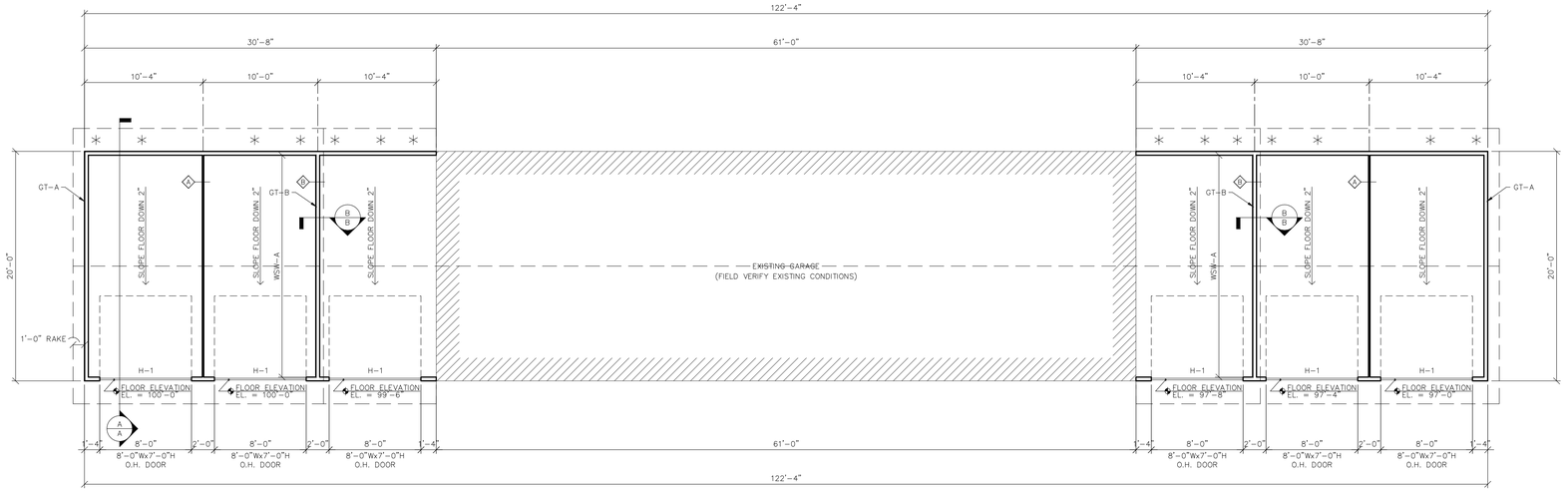
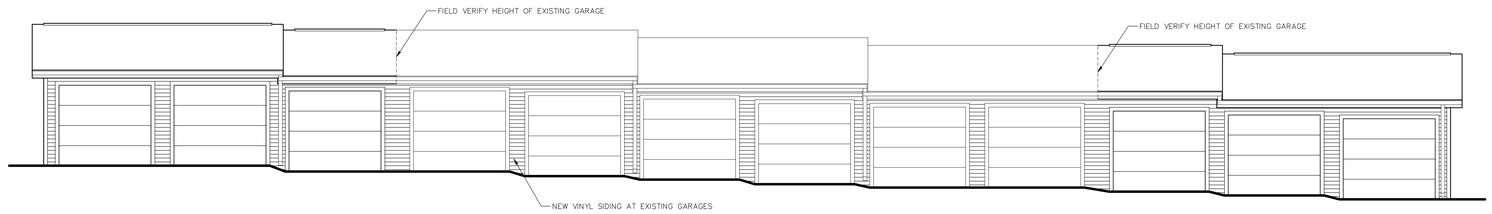


NORTH

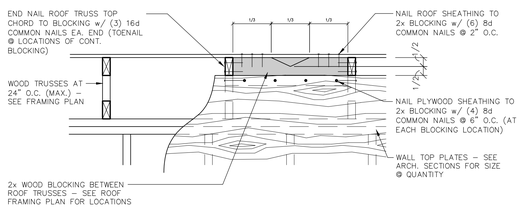
(6) GARAGES AT EXISTING GARAGE #4 FLOOR PLAN

SCALE: 3/16" = 1'-0"



(6) GARAGES AT EXISTING GARAGE #4 ELEVATION

SCALE: 3/16" = 1'-0"



D/D WOOD BLOCKING DETAIL
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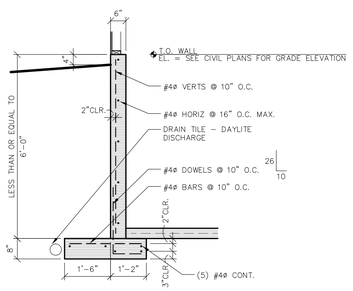

E/E RETAINING WALL
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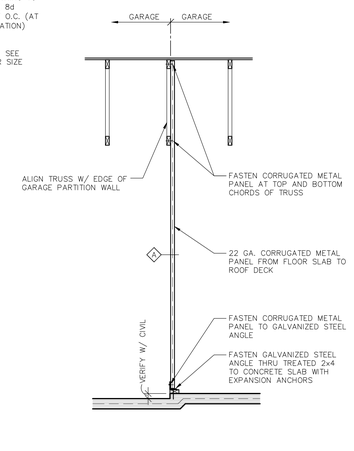

C/C SECTION
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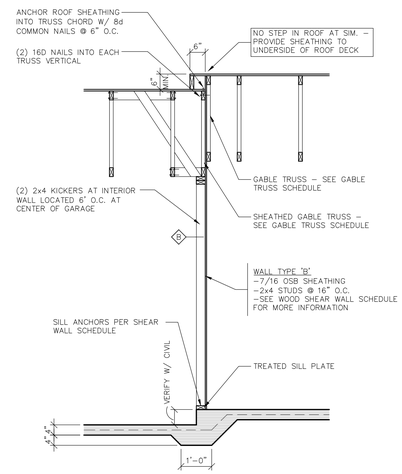

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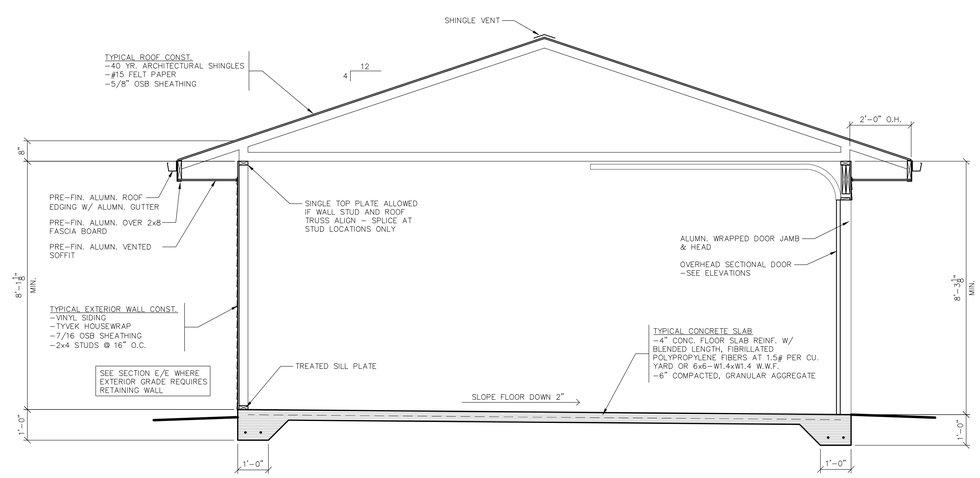

A/A CROSS SECTION
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SHEET
A6.3

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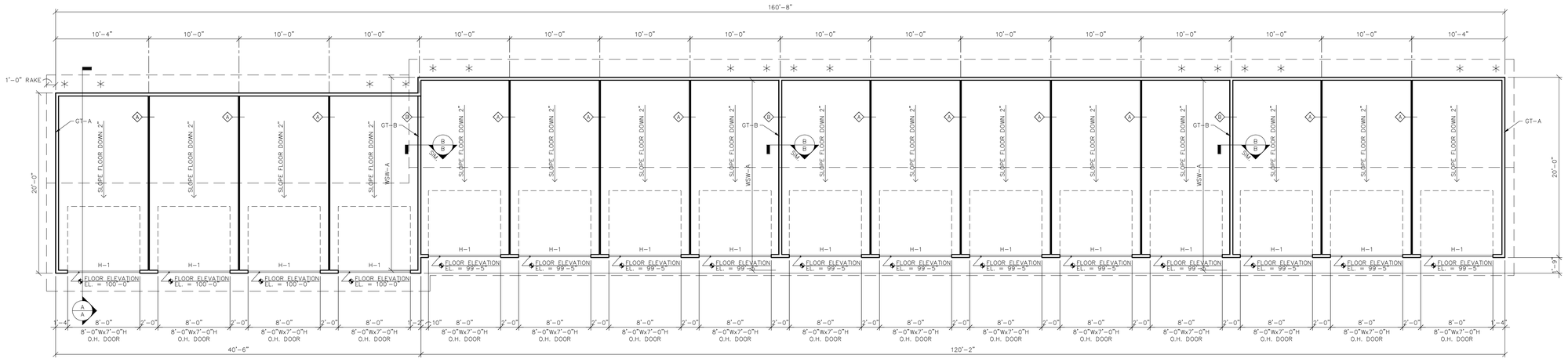
- EXCEPTION: AT INTERIOR BEARING WALLS THAT ARE PRE–SHEATHED BOTH SIDES, WITH SHEATHING FASTENED AT 12" O.C., FULL DEPTH BLOCKING IS NOT REQUIRED.
- USE (1) "SIMPSON" H2.5T TRUSS ANCHOR @ EACH ROOF TRUSS BEARING LOCATION W/ (5) 8d NAILS INTO TRUSS & (5) 8d NAILS INTO MIN. DOUBLE PLATE.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING TO TOP OF ALL GABLE END TRUSSES W/ 8d NAILS @ 6" O.C.
- UNLESS NOTED OTHERWISE, NAIL ROOF SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) @ INTERMEDIATE SUPPORTS.
- UNLESS NOTED OTHERWISE, NAIL WALL SHEATHING 6" O.C. @ PANEL EDGES W/ 8d NAILS. NAIL 12" O.C. (MIN.) TO INTERMEDIATE SUPPORTS.
- ✳ INDICATES LOCATION OF TRUSS/RAFTER BLOCKING.
- SEE DETAIL D/D FOR TYPICAL 2x BLOCKING AT ROOF TRUSSES WHEN REQUIRED.



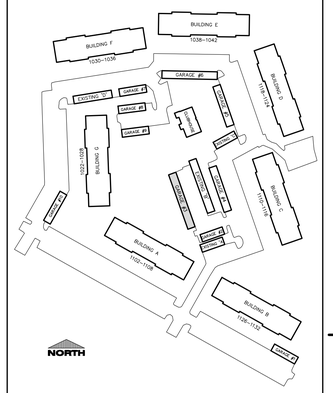
(16) GARAGES
GARAGE #3 FLOOR PLAN

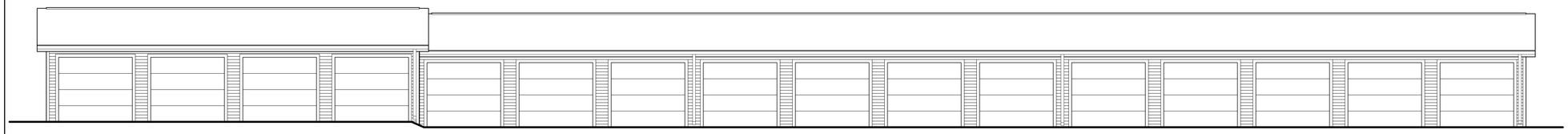
SCALE: 3/16" = 1'–0"

5' 0' 5' 10'

NORTH

SITE PLAN KEY:





(16) GARAGES
GARAGE #3 ELEVATION

SCALE: 3/16" = 1'–0"

5' 0' 5' 10'

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSW–A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE

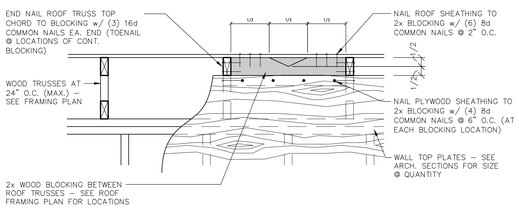
MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H–1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H–2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H–3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
- ALL HEADERS TO BE PLACED DIRECTLY BELOW WALL TOP PLATES.
- NAIL ALL 2x4 STUD COLUMNS w/ 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.
- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

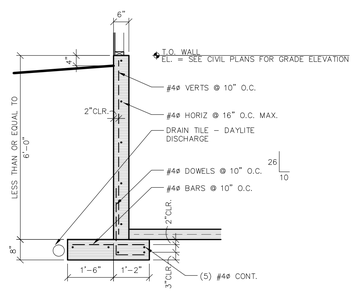
GABLE TRUSS SCHEDULE

MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT–A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	18" o.c.
GT–B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	18" o.c.

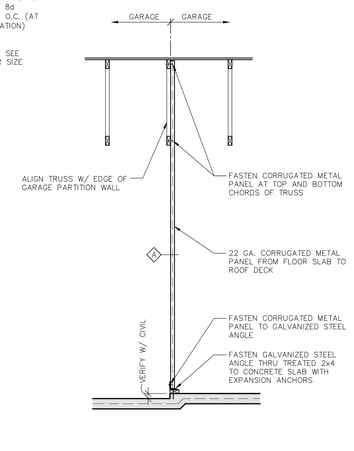
GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT–X INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.



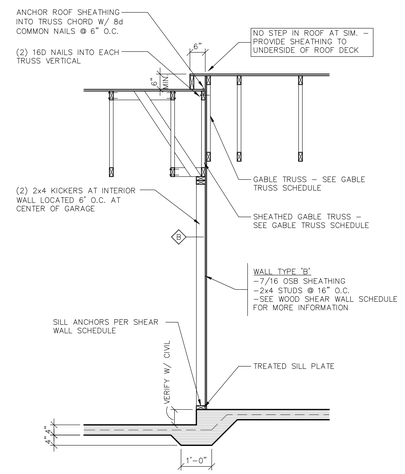
D/D WOOD BLOCKING DETAIL
NO SCALE



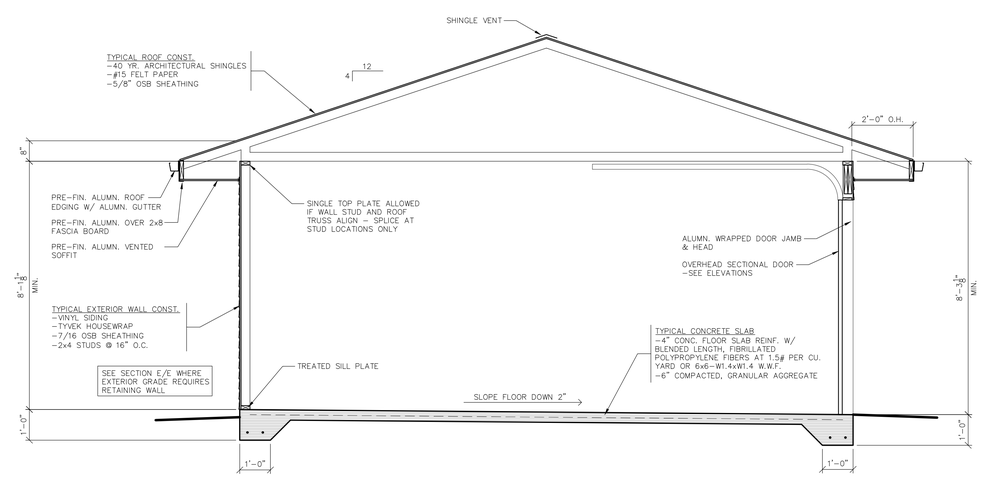
E/E RETAINING WALL
SCALE: 1/2" = 1'–0"



C/C SECTION
SCALE: 1/2" = 1'–0"



B/B SECTION
SCALE: 1/2" = 1'–0"



A/A CROSS SECTION
SCALE: 1/2" = 1'–0"

EXCEL ENGINEERING Inc.
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DRAWING SET IDENTIFIER

- PROJECT MASTER SET
- BUILDING 'A'
- BUILDING 'B'
- BUILDING 'C'
- BUILDING 'D'
- BUILDING 'E'
- BUILDING 'F'
- BUILDING 'G'
- CLUBHOUSE
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- GARAGE #3
- GARAGE #4
- GARAGE #5
- GARAGE #6
- GARAGE #7
- GARAGE #8
- GARAGE #9
- GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.2

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
- SEE CIVIL PLANS FOR FLOOR ELEVATIONS AT GARAGE OVERHEAD DOOR
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- SEE TRUSS MANUFACTURER'S DRAWING FOR WEB & LATERAL BRACING SIZE & LOCATION REQUIREMENTS – BRACING BY G.C.
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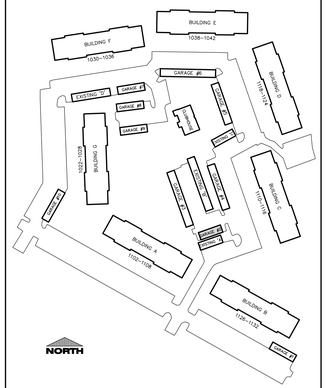
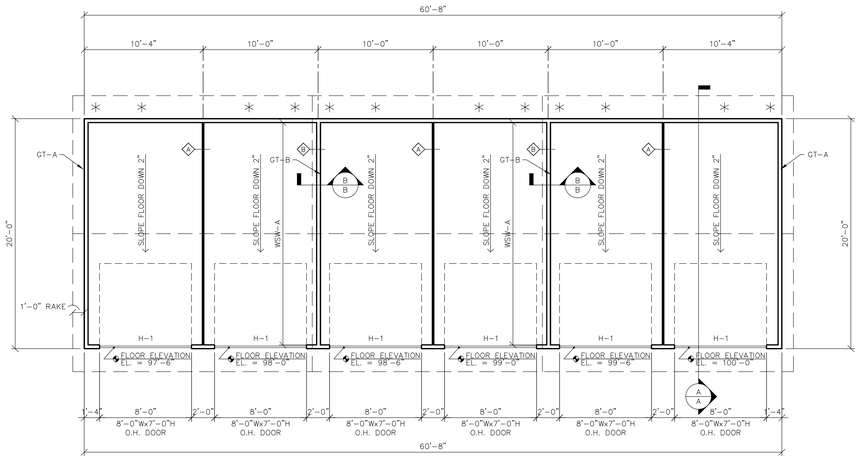
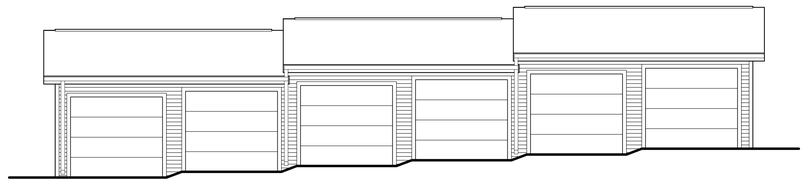
SITE PLAN KEY:





(6) GARAGES
GARAGE #2 FLOOR PLAN

SCALE: 3/16" = 1'-0"



(6) GARAGES
GARAGE #2 ELEVATION

SCALE: 3/16" = 1'-0"

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)

MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE[1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE[2]
WWA	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HOLD-DOWN2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

WOOD SHEAR WALL SCHEDULE NOTES:
1. USE SIMPSON A1 ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE <50 DEG. F DURING CURE TIME.
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WOOD HEADER SCHEDULE

MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

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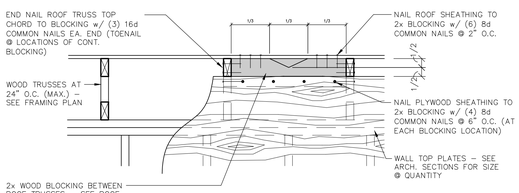

D/D WOOD BLOCKING DETAIL
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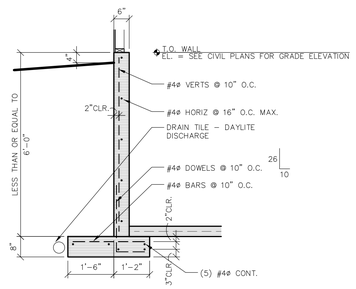
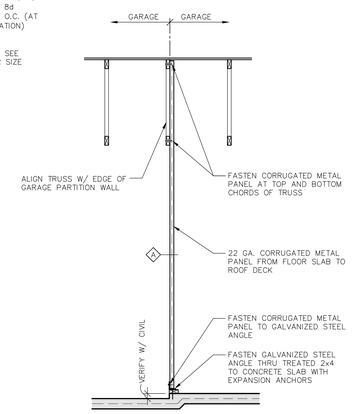


E/E RETAINING WALL
SCALE: 1/2" = 1'-0"



C/C SECTION
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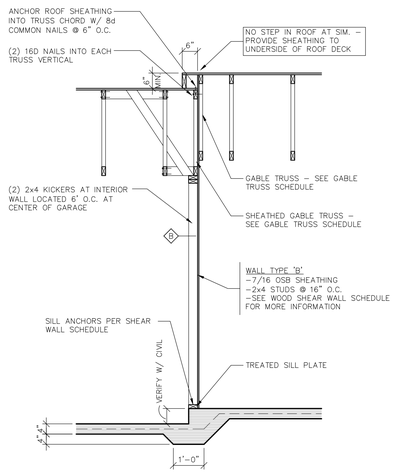

B/B SECTION
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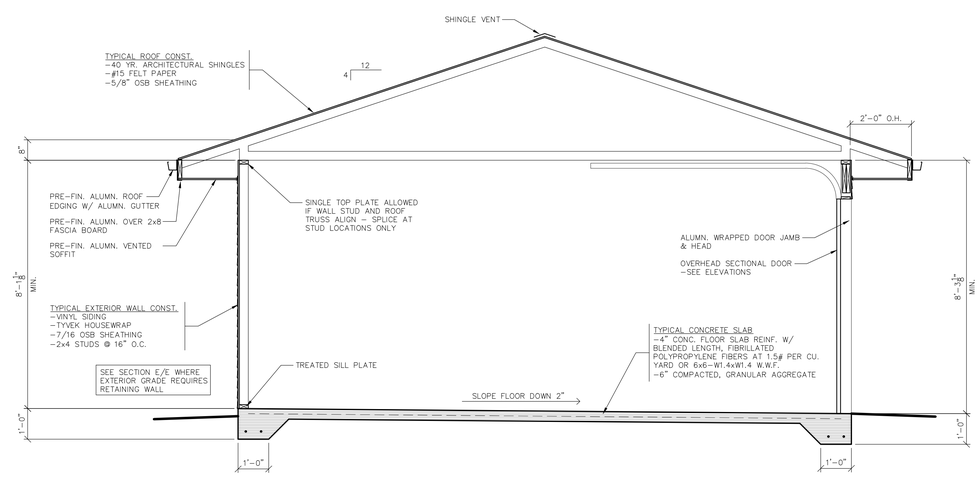

A/A CROSS SECTION
SCALE: 1/2" = 1'-0"

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Always a Better Plan

DRAWING SET IDENTIFIER

●	PROJECT MASTER SET
	BUILDING 'A'
	BUILDING 'B'
	BUILDING 'C'
	BUILDING 'D'
	BUILDING 'E'
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	GARAGE #8
	GARAGE #9
	GARAGE #10

ARCHITECT STAMP / SIGNATURE

HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

SHEET ISSUE:
JUNE 26, 2012
SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN ISSUED FOR CONSTRUCTION

REVISIONS:

JOB NUMBER:
1206230

SHEET
A6.1

GENERAL STRUCTURAL NOTES:

- SEE DESIGN LOADS ON SHEET A6.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
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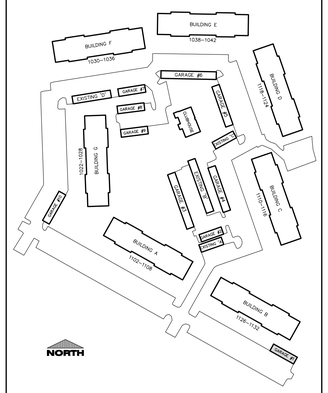
SITE PLAN KEY:



ROOF SNOW LOAD (PER SECTION 1608 AND ASCE 7-05 SECTION 7)	
GROUND SNOW LOAD (Pg)	30 PSF (PER FIGURE 1608.2)
FLAT ROOF SNOW LOAD (Pf)	23.1 (25 USED FOR DESIGN) PSF
SLOPED ROOF SNOW LOAD (Ps)	23.1 (25 USED FOR DESIGN) PSF
SNOW EXPOSURE FACTOR (Ce)	1.0
SNOW IMPORTANCE FACTOR (IS)	1.0
THERMAL FACTOR (Ct)	1.1
UNBALANCED SNOW LOADING PER WISCONSIN BUILDING ALTERNATE PER COMM 62.1608 (1)	
SNOW DRIFT PER ASCE 7-05, (SECTIONS 7.7 AND 7.8)	
SLIDING SNOW LOADING PER ASCE 7-05, (SECTION 7.9)	

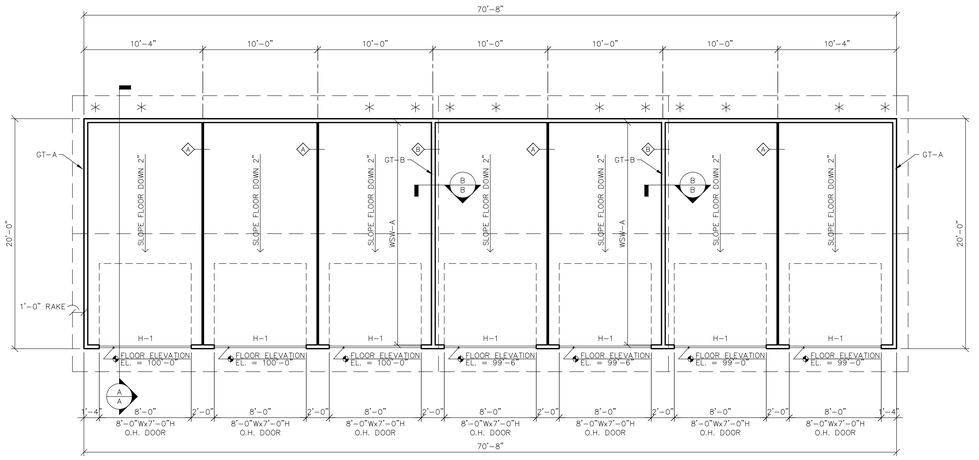
ROOF LIVE LOAD	
MINIMUM ROOF LIVE LOAD PER SECTION 1607.11	20 PSF

ROOF DEAD LOADS AND DEFLECTION REQUIREMENTS		
WOOD TRUSS	DEAD LOAD - TOP CHORD	10 PSF
	DEAD LOAD - BOT. CHORD	10 PSF (INCL. 3 PSF COLLATERAL)
	DEFL. REQ. DUE TO GRAVITY LOADS	L/240 LL L/180 TL
	DEFL. REQ. DUE TO WIND AT GABLE TRUSS VERT.	L/240
WOOD RAFTER	DEAD LOAD (UNBALLASTED)	12 PSF
	COLLATERAL	3 PSF
	ROOF DEFLECTION REQUIREMENTS	L/240 LL L/180 TL

MEZZANINES / FLOORS			UNIFORM (See Note 1 for LL > 100 PSF)	CONCENTRATED
WOOD JOISTS	LIVE	STORAGE	125 PSF	
		EQUIPMENT	75 PSF	40 PSF + ACT. EQUIP. WT.
	DEAD LOAD		12 PSF	-
	COLLATERAL		3 PSF	-
	DEFLECTION REQUIREMENTS (MIN.)		L/480 LL L/240 TL	
SLAB ON GRADE	LIVE LOAD	STORAGE	SEE FOUNDATION PLAN	
		OFFICE - LIVE LOAD + 20 PSF PARTITION	70 PSF	2,000 LBS
		EQUIPMENT	75 PSF	40 PSF + ACT. EQUIP. WT.
		LOBBIES AND FIRST FLOOR CORRIDORS	100 PSF	2,000 LBS

LATERAL				
WIND LOADS	ANALYTICAL PROCEDURE PER ASCE 7-05 SECTION 6.5			
	BASIC WIND SPEED = 90 MPH			
	WIND IMPORTANCE FACTOR = 1.0 (CATEGORY II)			
	WIND EXPOSURE = "C"			
	INTERNAL PRESSURE COEFFICIENT = + OR - 0.18			
	COMPONENT AND CLADDING PRESSURES/SUCTIONS FOR EFFECTIVE AREAS <= 10 S.F. AS FOLLOWS:			
		EDGE STRIP (A)=X.X FT		
		ROOF ZONE 1 PRESSURE= 10.0 PSF, SUCTION= -XX.X PSF		
		ROOF ZONE 2 PRESSURE= 10.0 PSF, SUCTION= -XX.X PSF		
		ROOF ZONE 3 PRESSURE= 10.0 PSF, SUCTION= -XX.X PSF		
		WALL ZONE 4 PRESSURE= XX.X PSF, SUCTION= -XX.X PSF		
		WALL ZONE 5 PRESSURE= XX.X PSF, SUCTION= -XX.X PSF		
	PRESSURES/SUCTIONS MAY BE REDUCED FOR AREAS > 10 S.F. PER ASCE 7-05, SECTION 6.5.12.4			
	MINIMUM WIND LOADS PER ASCE 7-05 SECTIONS 6.4.2.1.1 AND 6.4.2.2.1			
		MWFRS: 10.0 PSF ON HORIZONTAL AND VERTICAL PROJECTION		
		COMPONENT AND CLADDING: + OR - 10.0 PSF NORMAL TO SURFACE.		
EARTHQUAKE DESIGN DATA	SEISMIC USE GROUP = I			
	SPECTRAL RESPOSE COEFFICIENT		S(DS) = X.XXX	S(D1) = X.XXX
	SITE CLASS = D (ASSUMED)			
	SEISMIC DESIGN CATEGORY = B			
	SEISMIC FORCE RESISTING SYSTEM = STRUCTURAL WOOD DIAPHRAGM AND WOOD SHEAR WALLS			
	DESIGN BASE SHEAR (V) = X.XXX LBS.			
	ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PER ASCE 7-05 SECTION 12.8			
STABILITY LOADS	INTERIOR PARTITIONS 5 PSF			

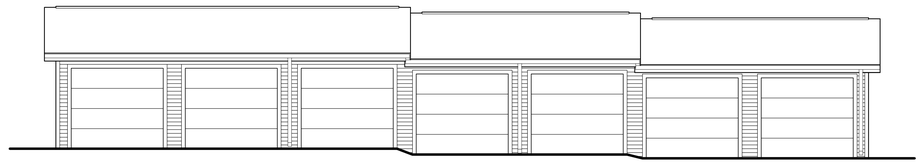
ALLOWABLE SOIL BEARING PRESSURE
FOUNDATIONS SHALL NOT BE PLACED PRIOR TO CONFIRMATION OF SOIL TYPE BELOW THE BOTTOM OF THE FOOTING. THE CONTRACTOR SHALL ADVISE EXCEL ENGINEERING, INC. OF ANY DEVIATION FROM SOIL CLASS PRIOR TO POURING FOOTINGS. THE PRESUMED SOIL BEARING CAPACITY IS 2,000 PSF.
THE PRESUMED SOIL CLASSIFICATION PER SECTION 1806, TABLE 1806.2 IS
(4) SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY GRAVEL.



(7) GARAGES
GARAGE #1 FLOOR PLAN

SCALE: 3/16" = 1'–0"

NORTH



(7) GARAGES
GARAGE #1 ELEVATION

SCALE: 3/16" = 1'–0"

WOOD SHEAR WALL SCHEDULE (INTERIOR STUD WALLS - SEE PLAN)														
MARK	SHEATHING TYPE	SHEATHING JOINTS	BOUNDARY NAILING	CHORD STUD No.	CHORD STUD SIZE	HOLDOWN No.	HOLDOWN TYPE	THREADED ANCHOR ROD AT HOLDOWN DIA.	THREADED ANCHOR ROD AT HOLDOWN EMBED LENGTH	THREADED ANCHOR ROD AT HOLDOWN TYPE [1]	SHEAR WALL ANCHOR DIA	SHEAR WALL ANCHOR LENGTH	SHEAR WALL ANCHOR SPACING	SHEAR WALL ANCHOR TYPE [2]
WSH-A	7/16 OSB ONE SIDE	BLOCKED	8d @ 6" O.C.	2	2x4	1	HDU2-SDS2.5	5/8"	9"	A36 THREADED ROD W/ SIMPSON SET EPOXY TIE	1/2"	5"	48" O.C.	SIMPSON TITEN HD

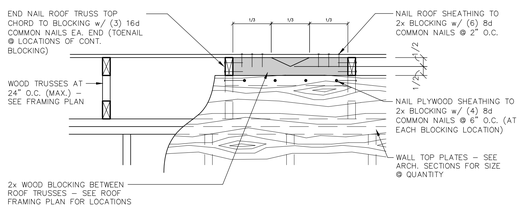
WOOD SHEAR WALL SCHEDULE NOTES:
1. USE "SIMPSON AT ACRYLIC TIE" IN LIEU OF SET EPOXY TIE WHEN TEMPERATURE >50 DEG. F DURING CURE TIME. SEE MANUFACTURER'S SPEC.'S FOR CURE TIMES.

WOOD HEADER SCHEDULE											
MARK	HEADER No.	HEADER SIZE	HEADER GRADE	SHOULDER STUDS No.	SHOULDER STUDS SIZE	SHOULDER STUDS GRADE	KING STUDS No.	KING STUDS SIZE	KING STUDS GRADE	TOP/BOTTOM SILL No.	TOP/BOTTOM SILL SIZE	TOP/BOTTOM SILL GRADE
H-1	2	2x12	#1/#2 DF	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-2	2	1 3/4" x 9 1/4"	LVL	3	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF
H-3	2	2x10	#1/#2 DF	1	2x4	STUD	1	2x4	STUD	1	2x4	#1/#2 SPF

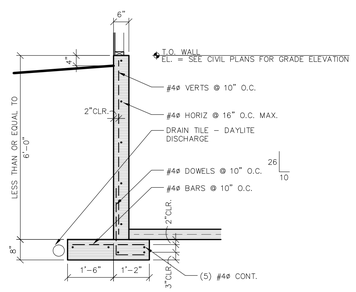
WOOD HEADER SCHEDULE NOTES:
- NAIL ALL HEADERS, BEAMS AND LINTELS UP TO 11 7/8" DEPTH w/ 10d NAILS @ 12" O.C. TOP AND BOTTOM (MIN.).
- (3) PLY & GREATER HEADER, BEAM AND LINTEL MEMBERS REQUIRE NAILING FROM EACH SIDE.
- ALL HEADERS TO BE PLACED DIRECTLY BELOW WALL TOP PLATES.
- NAIL ALL 2x4 STUD COLUMNS w/ 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.
- NAIL ALL 2x6 AND GREATER STUD COLUMNS w/ (2) 10d NAILS @ 8" O.C. STAGGERED, ADJACENT FASTENERS FROM OPPOSITE SIDES.

GABLE TRUSS SCHEDULE								
MARK	WEB SPACING (MAX.)	SHEATHING JOINT BLOCKING REQT.	DEFL. LIMIT ON VERT. WEB (OUT-OF-PLANE)	BOUNDARY NAILING	SHEATHING TYPE	HOLDOWN STRAP	TRUSS-TO-WALL CONNECTORS	SPACING
GT-A	24" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.
GT-B	16" o.c.	NONE REQUIRED	L/240	8d COMMON @ 6" o.c.	7/16" OSB ONE SIDE	H2.5T	16d COMMON NAILS	16" o.c.

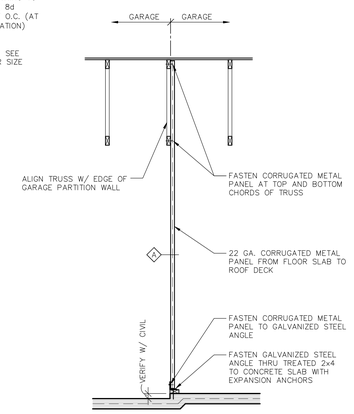
GABLE TRUSS SCHEDULE NOTES:
1. WIND LOADING PER DESIGN LOAD TABLE. SEE STRUCTURAL SHEETS.
2. GT-A INDICATES GABLE TRUSS
3. HOLDOWN AND TRUSS-TO-WALL CONNECTORS BY SIMPSON STRONG-TIE.



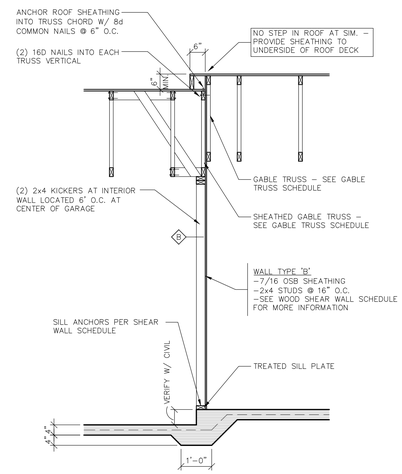
WOOD BLOCKING DETAIL
D / D
NO SCALE



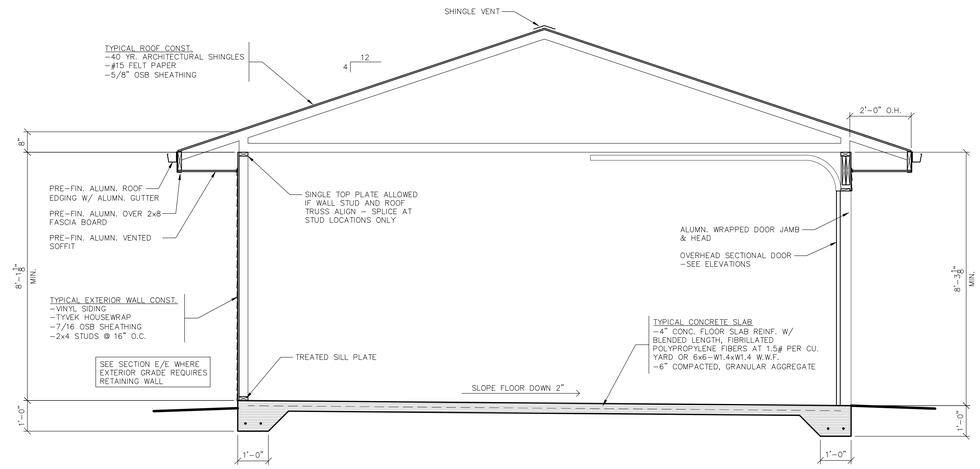
RETAINING WALL
E / E
SCALE: 1/2" = 1'–0"



SECTION
C / C
SCALE: 1/2" = 1'–0"



SECTION
B / B
SCALE: 1/2" = 1'–0"



CROSS SECTION
A / A
SCALE: 1/2" = 1'–0"

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- GARAGE #9
- GARAGE #10

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SUITE 1200
MILWAUKEE, WI 53203

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MADISON, WI 53713

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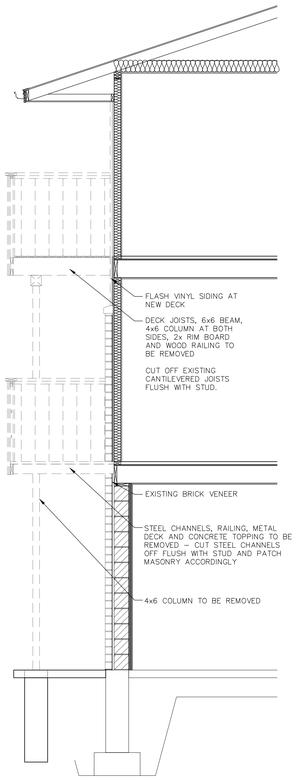
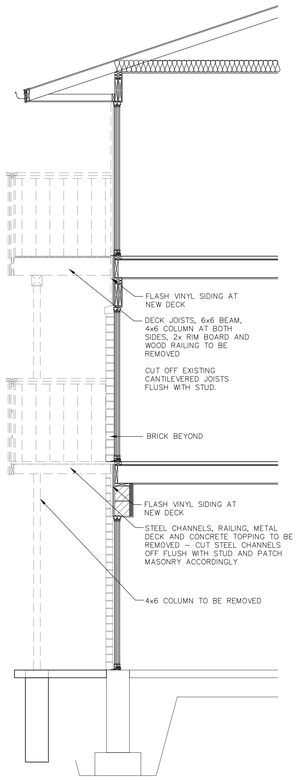


SECTION ADJACENT TO DOOR OPENING

6 A3.1 **DECK SECTION 'F'**

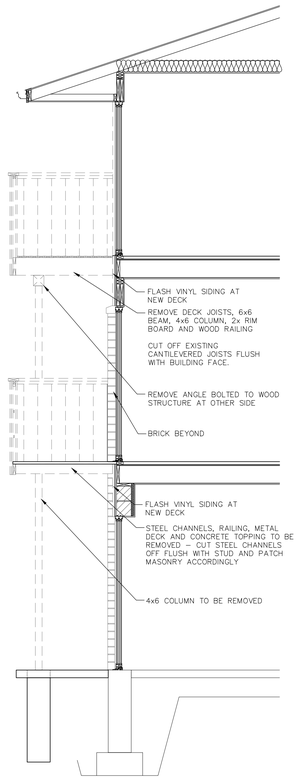
SCALE: 3/8" = 1'-0"



SECTION AT DOOR OPENING

5 A3.1 **DECK SECTION 'E'**

SCALE: 3/8" = 1'-0"

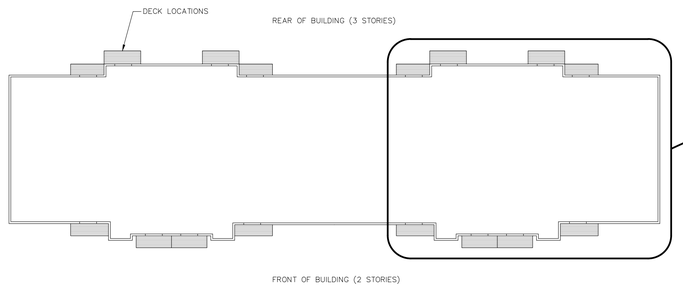


SECTION AT DOOR OPENING

4 A3.1 **DECK SECTION 'D'**

SCALE: 3/8" = 1'-0"

NOTE:
FINAL DESIGN SOLUTION SHALL INCLUDE APPROPRIATE AND FUNCTIONAL FLASHING CONDITION AT DECK TO WALL AND DOOR THRESHOLD CONDITION



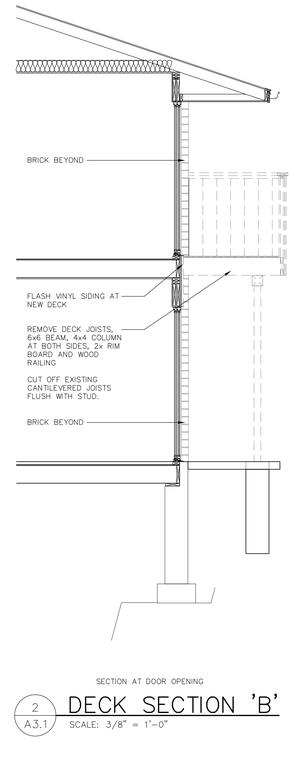
BUILDING KEY PLAN

SCALE: NOT TO SCALE

SECTION ADJACENT TO DOOR OPENING

3 A3.1 **DECK SECTION 'C'**

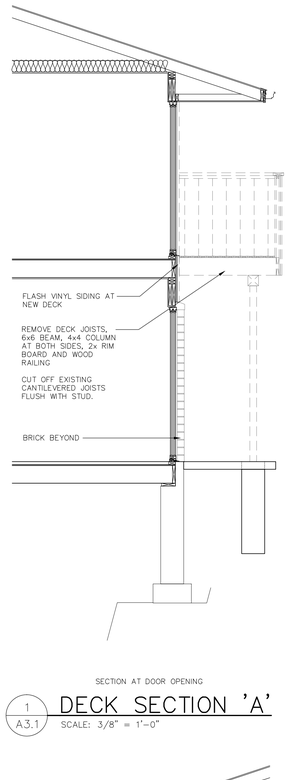
SCALE: 3/8" = 1'-0"



SECTION AT DOOR OPENING

2 A3.1 **DECK SECTION 'B'**

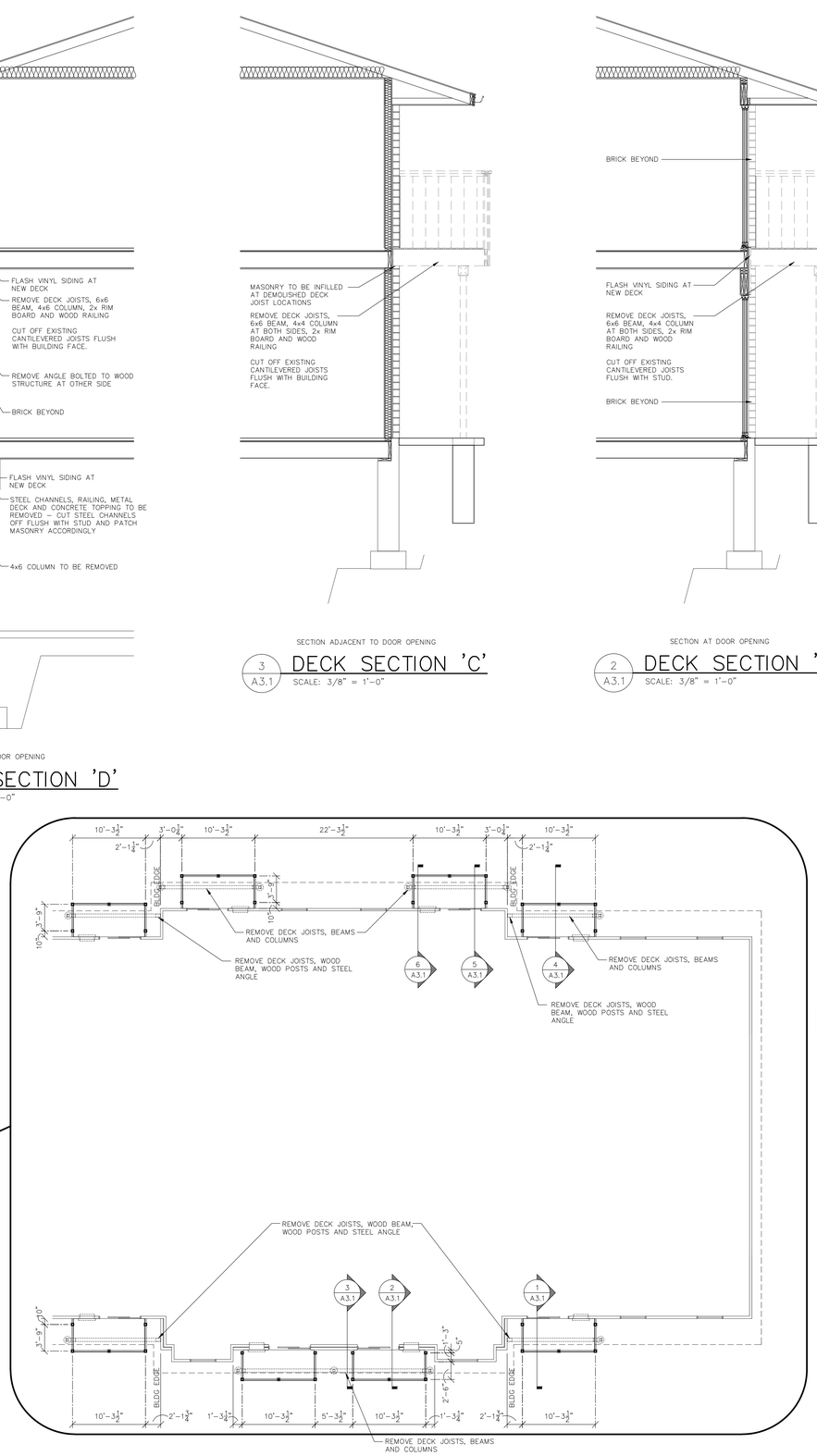
SCALE: 3/8" = 1'-0"



SECTION AT DOOR OPENING

1 A3.1 **DECK SECTION 'A'**

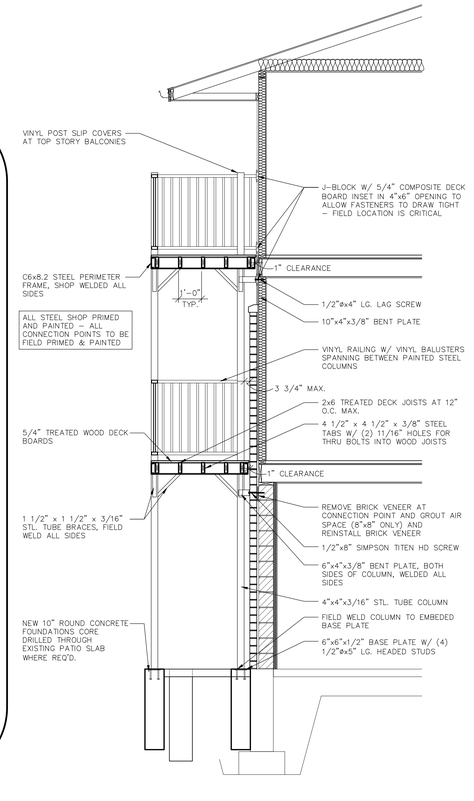
SCALE: 3/8" = 1'-0"



ENLARGED PARTIAL BUILDING PLAN

SCALE: 1/8" = 1'-0"

8' 0' 8' 16'



SECTION ADJACENT TO DOOR OPENING

6 A3.1 **DECK SECTION 'F'**

SCALE: 3/8" = 1'-0"

PRELIMINARY DECK SOLUTION
NOT ENGINEERED AT THIS TIME, SUBJECT TO CHANGE. OTHER SECTIONS SIMILAR.

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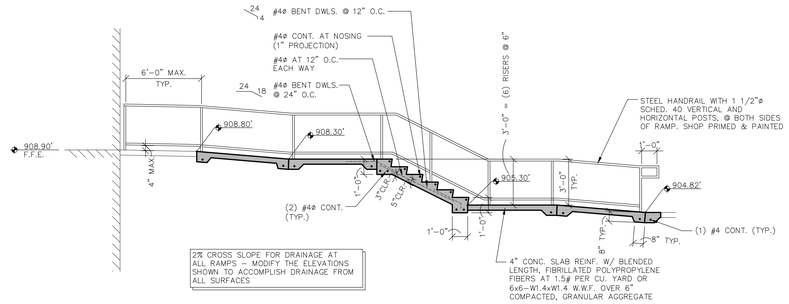
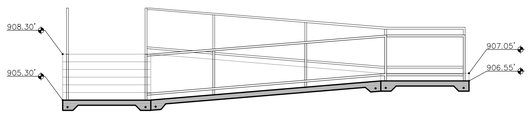
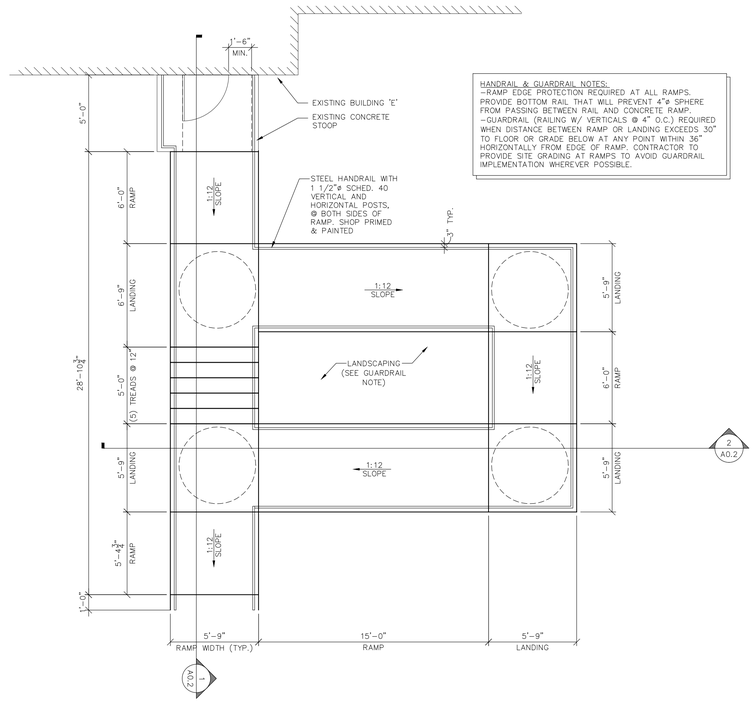


1 A0.2 **RAMP #2 SECTION**
SCALE: 1/4" = 1'-0"



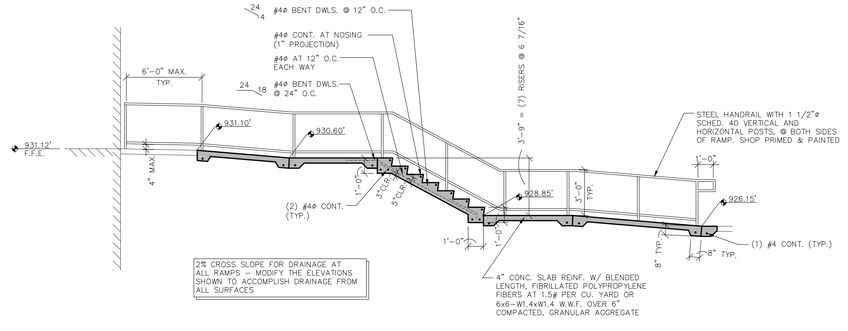
2% CROSS SLOPE FOR DRAINAGE AT ALL RAMPS - MODIFY THE ELEVATIONS SHOWN TO ACCOMPLISH DRAINAGE FROM ALL SURFACES

2 A0.2 **RAMP #2 SECTION**
SCALE: 1/4" = 1'-0"

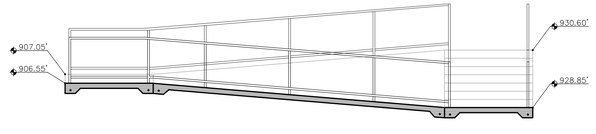


NORTH

RAMP PLAN #2
SCALE: 1/4" = 1'-0"
4' 0 4' 8'



3 A0.1 **RAMP #3 SECTION**
SCALE: 1/4" = 1'-0"



4 A0.1 **RAMP #3 SECTION**
SCALE: 1/4" = 1'-0"

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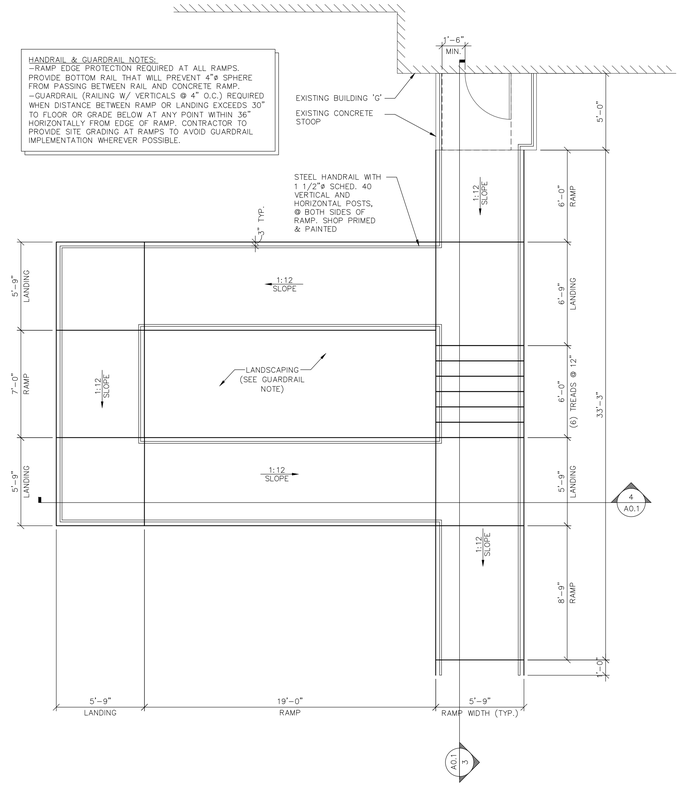

NORTH

RAMP PLAN #3
SCALE: 1/4" = 1'-0"
4' 0 4' 8'

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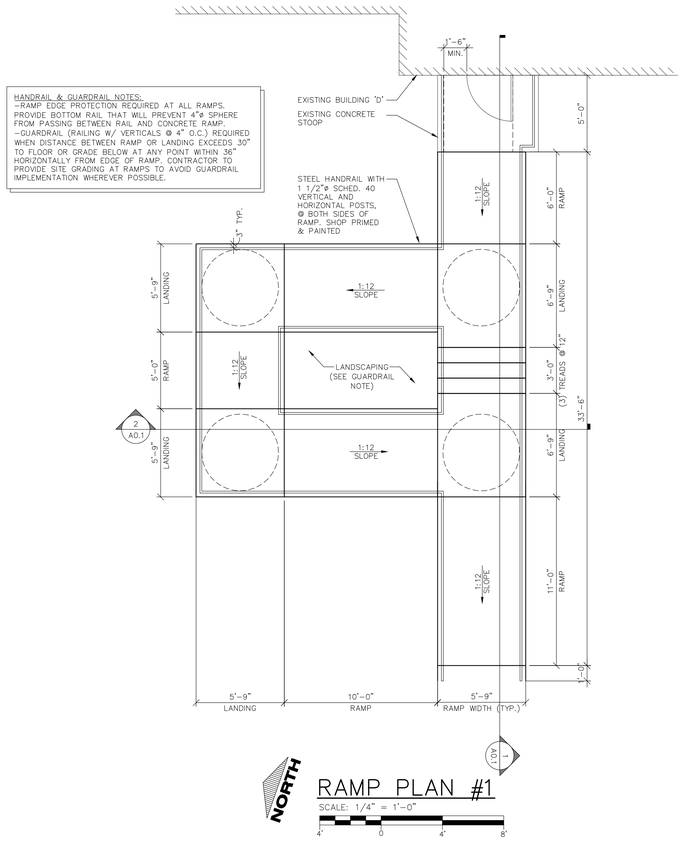
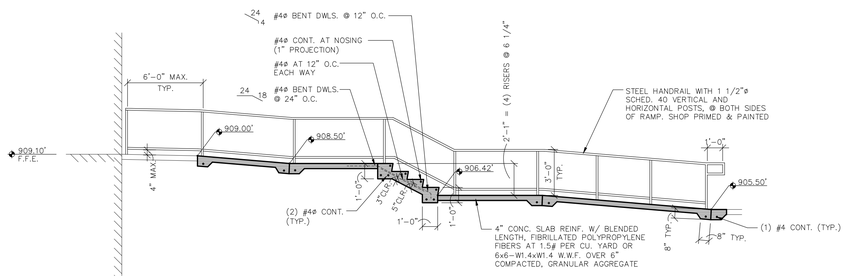


RAMP PLAN #1

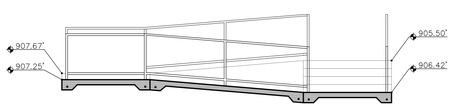
SCALE: 1/4" = 1'-0"



1 A0.1 RAMP #1 SECTION

SCALE: 1/4" = 1'-0"

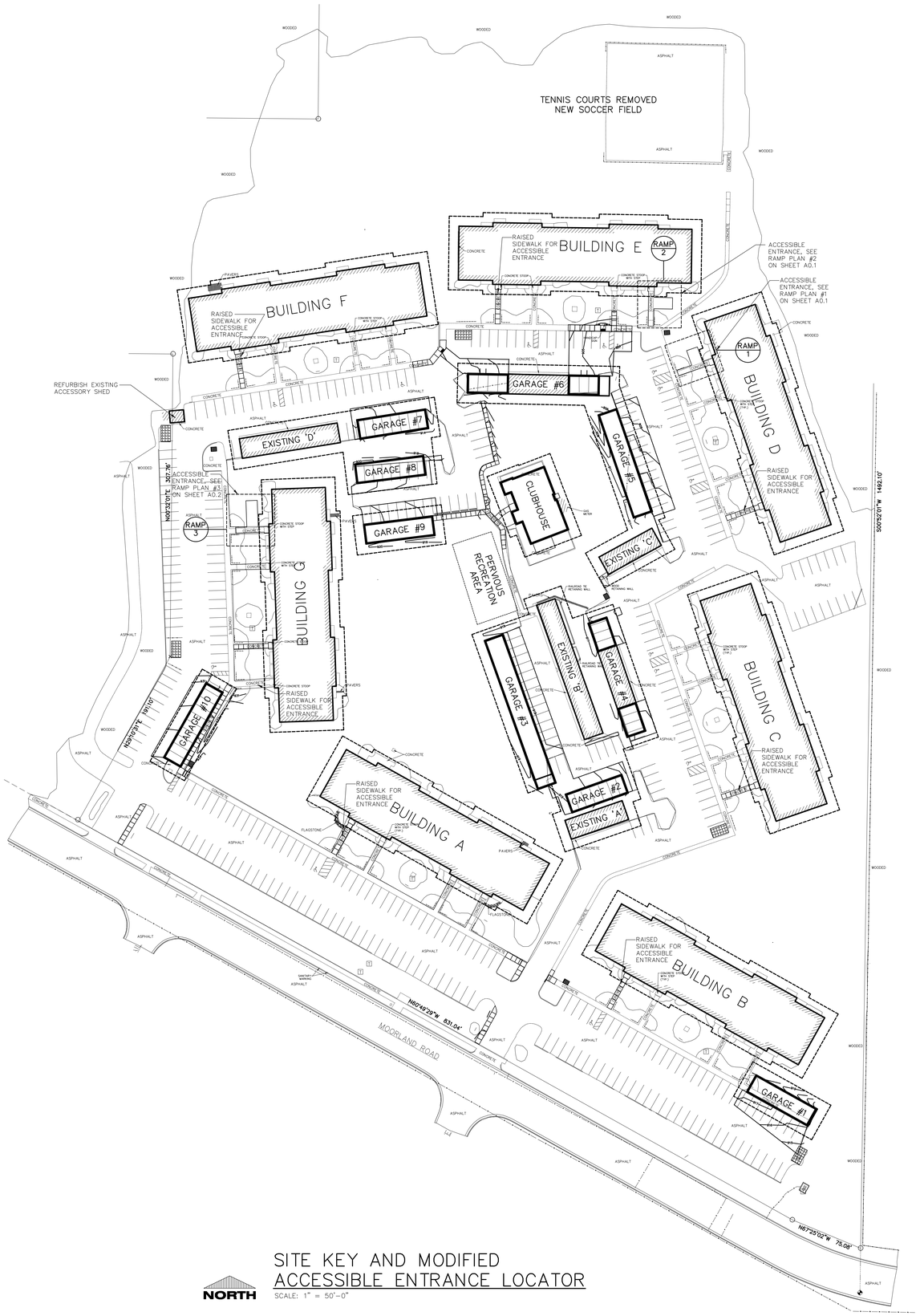
2% CROSS SLOPE FOR DRAINAGE AT ALL RAMPS – MODIFY THE ELEVATIONS SHOWN TO ACCOMPLISH DRAINAGE FROM ALL SURFACES



2 A0.1 RAMP #1 SECTION

SCALE: 1/4" = 1'-0"

2% CROSS SLOPE FOR DRAINAGE AT ALL RAMPS – MODIFY THE ELEVATIONS SHOWN TO ACCOMPLISH DRAINAGE FROM ALL SURFACES



SITE KEY AND MODIFIED ACCESSIBLE ENTRANCE LOCATOR

NORTH

SCALE: 1" = 50'-0"

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