

GENERAL NOTES:

(THESE SPECIFICATIONS ARE IN ADDITION TO AND DO NOT EXCLUDE ANY FOUND IN THE GENERAL SPECIFICATIONS FOR THE PROJECT).

1. CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING AND SHORING OF STRUCTURE DURING CONSTRUCTION. FOUNDATION WALLS WHICH ARE TIED TO SLABS OR FLOOR/ROOF FRAMING SHALL BE BRACED AGAINST BACKFILL MOVEMENT UNTIL SLAB/FRAMING (WITH DECK ATTACHMENT) IS COMPLETED. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SAFETY ENCLOSURES TO PROTECT ALL PERSONNEL INVOLVED IN PROJECT.

2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. KEYSTONE STRUCTURAL ENGINEERING, P.C. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION OR FOR RELATED SAFETY PRECAUTIONS AND PROGRAMS.

3. SHOP DRAWINGS AND SUBMITTALS:

A. CONTRACTOR SHALL FURNISH COMPLETE AND DETAILED SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL BE PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.

B. CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS AND STAMP ALL SHOP DRAWINGS PRIOR TO SUBMITTING DRAWINGS TO ARCH/ENG. FOR REVIEW. CONTRACTOR IS RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS SUCH AS, MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

C. SHOP DRAWINGS SHALL SHOW MEMBERS SIZES, LOCATION, TYPE AND EXTENT OF ALL MEMBERS, BOLTS AND WELDS.

D. CONTRACTOR SHALL HAVE AN APPROVED SHOP DRAWINGS AND PROOF OF WELDER CERTIFICATION AT JOB SITE AT ALL TIMES.

E. PROVIDE SETTING DRAWINGS, TEMPLATES AND DIRECTIONS FOR INSTALLATION OF ANCHOR BOLTS AND OTHER ANCHORAGES TO BE INSTALLED BY OTHERS.

F. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

4. DESIGN LOADS:
THE BUILDING STRUCTURE DESCRIBED IN THESE PLANS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE 2012 INTERNATIONAL BUILDING CODE

A. GRAVITY LOADS
DEAD LOADS:
ROOF: 20 PSF
FLOOR: 60 PSF

LIVE LOADS:
ROOF: 20 PSF
FLOOR: 125 PSF
STAIRS/CORRIDOR: 100 PSF

B. SNOW LOADS:
GROUND SNOW LOAD (Pg): 5 PSF
FLAT ROOF SNOW LOAD (Pf): 5.0 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR (Ct): 1.0

C. WIND LOADS
BASIC WIND SPEED (3 SEC. GUST): Vult 115 MPH
RISK CATEGORY: II
EXPOSURE CATEGORY: B
INTERNAL PRESSURE (GcPf): +/- .18

D. SEISMIC DESIGN CRITERIA:

SEISMIC IMPORTANCE FACTOR (Ie): 1.0

RISK CATEGORY: II

MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss: 0.185g S1: 0.090g

SITE CLASS: D

SIDS): 0.197

SID1): 0.091

SEISMIC DESIGN CATEGORY: C

BASIC SEISMIC FORCE RESISTING SYSTEM:

LIGHT FRAMED WALLS SHEATHED WITH STEEL SHEETS

DESIGN BASE SHEAR = 190 KIPS (BOTH DIRECTIONS)

SEISMIC RESPONSE COEFFICIENT (Cs): .0312

RESPONSE MODIFICATION FACTORS (R): 6.5

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

FOUNDATION NOTES:

1. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR BUILDING LOCATION AND ORIENTATION.

COORDINATE ALL DIMENSIONS WITH ARCH. DRAWINGS. DO NOT SCALE DRAWING

3. SEE ARCHITECTURAL DRAWINGS FOR SIDE WALK EXTENTS, PLANTER, AND PAVER LOCATIONS AND DETAILS.

4. COORDINATE FINISHED FLOOR ELEVATIONS (F.F.E.) WITH ARCH. AND CIVIL DRAWINGS.

5. REFERENCE FFE = SEE PLANS


6. ALL FOOTINGS HAVE BEEN DESIGNED BASED UPON THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION BY PIEDMONT GEOTECHNICAL CONSULTANTS, INC. PGC, PROJECT NO. 117096, DATED 04/10/2017.

7. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER OR TESTING AGENCY PRIOR TO POURING ANY FOUNDATION CONCRETE. CONTACT STRUCTURAL ENGINEER IF SOIL CONDITION ENCOUNTERED DO NOT SATISFY THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION.

8. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW F.F.E. AND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE (TYP. UNO)

9. TOP OF INTERIOR FOOTINGS SHALL BE A MINIMUM OF 0'-8" BELOW F.F.E. (UNO)

10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING OR NEW UTILITIES. LOWER FOUNDATION AS REQUIRED TO AVOID INTERFERENCE WITH UTILITIES.

11.  INDICATES FOOTING STEP. SEE PLANS

SPECIALTY ENGINEERED PRODUCTS:

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SPECIALTY ENGINEERED SHOP DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL FRAMING INCLUDING, BUT NOT LIMITED TO, SOFFITS, CLADDING, CEILING, ETC.

B. MISCELLANEOUS METALS INCLUDING STEEL STAIRS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS.

C. MISCELLANEOUS HANGARS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, METAL RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY THE ARCHITECTURAL OR MECHANICAL CONSTRUCTION DOCUMENTS.

CONCRETE SLAB ON GRADE NOTES:

1. BASEMENT FLOOR SLAB-ON-GRADE SHALL BE 5" THICK 3000 PSI MINIMUM COMPRESSIVE STRENGTH NORMAL WEIGHT CONCRETE. REINFORCED W/ 6X6-W2 1/2W2 1/2 W/WF. LOCATED MID-DEPTH OF SLAB. SEE CIVIL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE VARIOUS BARRIER REQUIREMENTS W/ ARCHITECTURAL AND GEOTECHNICAL ENGINEER REQUIREMENTS. PROVIDE 15 MIL (MIN) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED 6" AND TAPED UNDER ALL INTERIOR SLABS. REFER TO GEOTECHNICAL ENGINEER FOR BELOW SLAB ON GRADE, SUBGRADE PREPARATION REQUIREMENTS.

2. CONTROL/CONSTRUCTION JOINTS SHALL BE LOCATED SUCH THAT NO AREA EXCEEDS 400 SQUARE FEET NOR SHALL THE LENGTH EXCEED 1.5 TIMES THE WIDTH. CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR CONTROL JOINTS. METAL "KEYHOLD" JOINTS SHALL BE USED AT ALL CONSTRUCTION JOINTS. LOCATE ALL CONTROL JOINT EQUAL DISTANCE BETWEEN LOAD BEARING WALL AND 5'-0" MIN FROM THE END OF LOAD BEARING WALLS (INCLUDING OPENINGS ETC.)

3. CONDUITS AND PIPES EMBEDDED IN SLABS:
SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE-THIRD THE OVERALL THICKNESS OF THE SLAB. SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. A MINIMUM SLAB THICKNESS OF 4 1/2" MUST BE MAINTAINED OVER THE EMBEDDED CONDUITS OR PIPES.

4. THICKEN SLAB AT LOCATIONS INDICATED ON FOUNDATION PLAN SEE 6/53.1.

STEEL NOTES:

1. STRUCTURAL STEEL:
A. SHALL CONFORM TO THE LATEST STANDARDS OF ASTM:
WIDE FLANGE BEAMS: A582
MISC. STRUCTURAL STEEL SHAPES, PLATES AND BARS: A36
HOLLOW STRUCTURAL STEEL SECTIONS (ROUND AND RECTANGULAR): A500 GRADE B
STRUCTURAL STEEL PIPE: A53 GRADE B

B. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC 360-05) USING ALLOWABLE STRESS DESIGN.

C. PROVIDE 1" (MINIMUM) NON-SHRINK GROUT UNDER ALL BASE PLATES.

D. SHOP OR FIELD SPICES BETWEEN SUPPORTS THAT ARE NOT REQUIRED BY DESIGN WILL NOT BE ALLOWED. ANY MEMBERS CONTAINING SUCH SPICES FOUND IN THE FIELD SHALL BE REMOVED AND REPLACED WITH UNSPLICED MEMBERS AT THE FABRICATOR'S EXPENSE.

2. STEEL CONNECTIONS:
A. WHERE BEAM REACTIONS OR DETAILS ARE NOT SHOWN IN THE CONSTRUCTION DOCUMENTS, CONNECTIONS SHALL BE DESIGNED FOR ONE-HALF THE MAXIMUM (SIMPLE SPAN) UNIFORM LOAD WHICH THE MEMBER WILL SUPPORT FOR THE SPAN SHOWN ON THE DRAWINGS.

B. BOLTS SHALL BE HIGH STRENGTH A-325 BOLTS OF SAME SIZE AND NUMBER AS SHOWN ON DRAWINGS. CONNECTIONS SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A-325 OR A-490 BOLTS. CONNECTIONS ARE BEARING TYPE.

C. BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS OTHERWISE NOTED ON THE DRAWINGS.

3. WELDS:
A. MINIMUM SIZE OF WELD IS 3/16" AND (E70XX) UNLESS NOTED OTHERWISE.

B. ALL WELDING SHALL CONFORM TO THE LATEST "STRUCTURAL WELDING CODE" BY THE AMERICAN WELDING SOCIETY. ALL WORK SHALL BE PERFORMED BY CERTIFIED WELDERS EXPERIENCED IN THE TYPE OF CONSTRUCTION INVOLVED. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE.


4. PROVIDE ALL SUPPORTING STEEL NOT INDICATED ON PLAN AS REQUIRED FOR THE INSTALLATION OF MECHANICAL EQUIPMENT AND MATERIALS, INCLUDING ANGLES, CHANNELS, BEAMS, HANGERS, ETC. DO NOT SUPPORT EQUIPMENT OR PIPING FROM METAL DECKING.

5. STEEL STAIRS:
ENGINEERED CONCRETE FILLED STEEL STAIR SYSTEM AND ALL CONNECTIONS OF THE SAME. TO THIS STRUCTURE SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMIT SHOP DRAWINGS BEARING THE SEAL AND THE SIGNATURE OF THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. THE CONFIGURATION OF THE STEEL STAIR SYSTEM SHALL BE SHOWN ON THE ARCHITECTURAL DRAWINGS. STEEL STAIR SYSTEM AND ALL CONNECTIONS SHALL BE DESIGNED FOR ALL APPLICABLE LOADS AS INDICATED ON THE PLANS AND IN ALL APPLICABLE BUILDING CODES. THE LOADS SHALL BE CLEARLY INDICATED ON ALL SHOP DRAWINGS. SHOP DRAWINGS SHALL SHOW AND SPECIFY ALL CONNECTIONS UTILIZED WITHIN THE STEEL STAIR SYSTEM AS WELL AS CONNECTIONS TO AND LOADS IMPOSED UPON THE STRUCTURAL SYSTEM SHOWN OF THESE PLANS.

6. SNOW LOADS:
GROUND SNOW LOAD (Pg): 5 PSF
FLAT ROOF SNOW LOAD (Pf): 5.0 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR (Ct): 1.0

7. WIND LOADS:
BASIC WIND SPEED (3 SEC. GUST): Vult 115 MPH
RISK CATEGORY: II
EXPOSURE CATEGORY: B
INTERNAL PRESSURE (GcPf): +/- .18

8. SEISMIC DESIGN CRITERIA:
SEISMIC IMPORTANCE FACTOR (Ie): 1.0
RISK CATEGORY: II
MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss: 0.185g S1: 0.090g
SITE CLASS: D
SIDS): 0.197
SID1): 0.091
SEISMIC DESIGN CATEGORY: C
BASIC SEISMIC FORCE RESISTING SYSTEM:
LIGHT FRAMED WALLS SHEATHED WITH STEEL SHEETS
DESIGN BASE SHEAR = 190 KIPS (BOTH DIRECTIONS)
SEISMIC RESPONSE COEFFICIENT (Cs): .0312
RESPONSE MODIFICATION FACTORS (R): 6.5
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

9. FOUNDATION NOTES:
1. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR BUILDING LOCATION AND ORIENTATION.
COORDINATE ALL DIMENSIONS WITH ARCH. DRAWINGS. DO NOT SCALE DRAWING
3. SEE ARCHITECTURAL DRAWINGS FOR SIDE WALK EXTENTS, PLANTER, AND PAVER LOCATIONS AND DETAILS.
4. COORDINATE FINISHED FLOOR ELEVATIONS (F.F.E.) WITH ARCH. AND CIVIL DRAWINGS.
5. REFERENCE FFE = SEE PLANS
6. ALL FOOTINGS HAVE BEEN DESIGNED BASED UPON THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION BY PIEDMONT GEOTECHNICAL CONSULTANTS, INC. PGC, PROJECT NO. 117096, DATED 04/10/2017.
7. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER OR TESTING AGENCY PRIOR TO POURING ANY FOUNDATION CONCRETE. CONTACT STRUCTURAL ENGINEER IF SOIL CONDITION ENCOUNTERED DO NOT SATISFY THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION.
8. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW F.F.E. AND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE (TYP. UNO)
9. TOP OF INTERIOR FOOTINGS SHALL BE A MINIMUM OF 0'-8" BELOW F.F.E. (UNO)
10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING OR NEW UTILITIES. LOWER FOUNDATION AS REQUIRED TO AVOID INTERFERENCE WITH UTILITIES.
11.  INDICATES FOOTING STEP. SEE PLANS

10. SPECIALTY ENGINEERED PRODUCTS:

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SPECIALTY ENGINEERED SHOP DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL FRAMING INCLUDING, BUT NOT LIMITED TO, SOFFITS, CLADDING, CEILING, ETC.

B. MISCELLANEOUS METALS INCLUDING STEEL STAIRS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS.

C. MISCELLANEOUS HANGARS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, METAL RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY THE ARCHITECTURAL OR MECHANICAL CONSTRUCTION DOCUMENTS.

CONCRETE SLAB ON GRADE NOTES:

1. BASEMENT FLOOR SLAB-ON-GRADE SHALL BE 5" THICK 3000 PSI MINIMUM COMPRESSIVE STRENGTH NORMAL WEIGHT CONCRETE. REINFORCED W/ 6X6-W2 1/2W2 1/2 W/WF. LOCATED MID-DEPTH OF SLAB. SEE CIVIL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE VARIOUS BARRIER REQUIREMENTS W/ ARCHITECTURAL AND GEOTECHNICAL ENGINEER REQUIREMENTS. PROVIDE 15 MIL (MIN) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED 6" AND TAPED UNDER ALL INTERIOR SLABS. REFER TO GEOTECHNICAL ENGINEER FOR BELOW SLAB ON GRADE, SUBGRADE PREPARATION REQUIREMENTS.

2. CONTROL/CONSTRUCTION JOINTS SHALL BE LOCATED SUCH THAT NO AREA EXCEEDS 400 SQUARE FEET NOR SHALL THE LENGTH EXCEED 1.5 TIMES THE WIDTH. CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR CONTROL JOINTS. METAL "KEYHOLD" JOINTS SHALL BE USED AT ALL CONSTRUCTION JOINTS. LOCATE ALL CONTROL JOINT EQUAL DISTANCE BETWEEN LOAD BEARING WALL AND 5'-0" MIN FROM THE END OF LOAD BEARING WALLS (INCLUDING OPENINGS ETC.)

3. CONDUITS AND PIPES EMBEDDED IN SLABS:
SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE-THIRD THE OVERALL THICKNESS OF THE SLAB. SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. A MINIMUM SLAB THICKNESS OF 4 1/2" MUST BE MAINTAINED OVER THE EMBEDDED CONDUITS OR PIPES.

4. THICKEN SLAB AT LOCATIONS INDICATED ON FOUNDATION PLAN SEE 6/53.1.

ROOF FRAMING NOTES:

1. DESIGN ROOF JOIST FOR A NET UPLIFT OF 20 PSF (ASD) (UNO).
NO 1/3 STRESS INCREASE ALLOWED.

2. 1.5" TYPE B ROOF DECK (ALL CANOPIES U.N.O.)

36/5 1.5" TYPE B X22GA (.0295") (3 SPAN MIN.)

ATTACH CANOPY DECK TO SUPPORTS WITH (#12 SCREWS) IN A 36/4 PATTERN WITH 6 SIDELAP FASTENERS (#10 SCREWS) PER SPAN. ATTACHMENT AT PERIMETER OF DECK SHALL BE EQUAL TO ATTACHMENT AT DECK SHEET LAPS AND DECK SHEET ENDS. ANY PARTIAL OR SKEWED SHEETS SHALL BE ATTACHED AT EVERY FLUTE, REGARDLESS OF ATTACHMENT PATTERN.

3. 3" TYPE N ROOF DECK (MAIN ROOF)

24/4 3" TYPE N X22GA (.0295") (3 SPAN MIN.)

ATTACH ROOF DECK TO SUPPORTS WITH (#12 SCREWS) IN A 24/4 PATTERN WITH 7 SIDELAP FASTENERS (#10 SCREWS) PER SPAN. ATTACHMENT AT PERIMETER OF DECK SHALL BE EQUAL TO ATTACHMENT AT DECK SHEET LAPS AND DECK SHEET ENDS. ANY PARTIAL OR SKEWED SHEETS SHALL BE ATTACHED AT EVERY FLUTE, REGARDLESS OF ATTACHMENT PATTERN.

4. ROOF SYSTEM IS DESIGNED FOR MECHANICAL EQUIPMENT SHOWN. NOTIFY ARCH/ENGINEER IF ADDITIONAL EQUIPMENT REQUIRED OR IF HEAVIER UNITS ARE SUPPLIED.

5. COORDINATE THE EXACT LOCATION AND EXTENT OF ROOF HATCH OPENINGS WITH ARCH. DRAWINGS.

6. SNOW LOADS:
GROUND SNOW LOAD (Pg): 5 PSF
FLAT ROOF SNOW LOAD (Pf): 5.0 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR (Ct): 1.0

7. WIND LOADS:
BASIC WIND SPEED (3 SEC. GUST): Vult 115 MPH
RISK CATEGORY: II
EXPOSURE CATEGORY: B
INTERNAL PRESSURE (GcPf): +/- .18

8. SEISMIC DESIGN CRITERIA:
SEISMIC IMPORTANCE FACTOR (Ie): 1.0
RISK CATEGORY: II
MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss: 0.185g S1: 0.090g
SITE CLASS: D
SIDS): 0.197
SID1): 0.091
SEISMIC DESIGN CATEGORY: C
BASIC SEISMIC FORCE RESISTING SYSTEM:
LIGHT FRAMED WALLS SHEATHED WITH STEEL SHEETS
DESIGN BASE SHEAR = 190 KIPS (BOTH DIRECTIONS)
SEISMIC RESPONSE COEFFICIENT (Cs): .0312
RESPONSE MODIFICATION FACTORS (R): 6.5
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

9. FOUNDATION NOTES:
1. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR BUILDING LOCATION AND ORIENTATION.
COORDINATE ALL DIMENSIONS WITH ARCH. DRAWINGS. DO NOT SCALE DRAWING
3. SEE ARCHITECTURAL DRAWINGS FOR SIDE WALK EXTENTS, PLANTER, AND PAVER LOCATIONS AND DETAILS.
4. COORDINATE FINISHED FLOOR ELEVATIONS (F.F.E.) WITH ARCH. AND CIVIL DRAWINGS.
5. REFERENCE FFE = SEE PLANS
6. ALL FOOTINGS HAVE BEEN DESIGNED BASED UPON THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION BY PIEDMONT GEOTECHNICAL CONSULTANTS, INC. PGC, PROJECT NO. 117096, DATED 04/10/2017.
7. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER OR TESTING AGENCY PRIOR TO POURING ANY FOUNDATION CONCRETE. CONTACT STRUCTURAL ENGINEER IF SOIL CONDITION ENCOUNTERED DO NOT SATISFY THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION.
8. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW F.F.E. AND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE (TYP. UNO)
9. TOP OF INTERIOR FOOTINGS SHALL BE A MINIMUM OF 0'-8" BELOW F.F.E. (UNO)
10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING OR NEW UTILITIES. LOWER FOUNDATION AS REQUIRED TO AVOID INTERFERENCE WITH UTILITIES.
11.  INDICATES FOOTING STEP. SEE PLANS

10. SPECIALTY ENGINEERED PRODUCTS:

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SPECIALTY ENGINEERED SHOP DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL FRAMING INCLUDING, BUT NOT LIMITED TO, SOFFITS, CLADDING, CEILING, ETC.

B. MISCELLANEOUS METALS INCLUDING STEEL STAIRS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS.

C. MISCELLANEOUS HANGARS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, METAL RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY THE ARCHITECTURAL OR MECHANICAL CONSTRUCTION DOCUMENTS.

CONCRETE SLAB ON GRADE NOTES:

1. BASEMENT FLOOR SLAB-ON-GRADE SHALL BE 5" THICK 3000 PSI MINIMUM COMPRESSIVE STRENGTH NORMAL WEIGHT CONCRETE. REINFORCED W/ 6X6-W2 1/2W2 1/2 W/WF. LOCATED MID-DEPTH OF SLAB. SEE CIVIL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE VARIOUS BARRIER REQUIREMENTS W/ ARCHITECTURAL AND GEOTECHNICAL ENGINEER REQUIREMENTS. PROVIDE 15 MIL (MIN) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED 6" AND TAPED UNDER ALL INTERIOR SLABS. REFER TO GEOTECHNICAL ENGINEER FOR BELOW SLAB ON GRADE, SUBGRADE PREPARATION REQUIREMENTS.

2. CONTROL/CONSTRUCTION JOINTS SHALL BE LOCATED SUCH THAT NO AREA EXCEEDS 400 SQUARE FEET NOR SHALL THE LENGTH EXCEED 1.5 TIMES THE WIDTH. CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR CONTROL JOINTS. METAL "KEYHOLD" JOINTS SHALL BE USED AT ALL CONSTRUCTION JOINTS. LOCATE ALL CONTROL JOINT EQUAL DISTANCE BETWEEN LOAD BEARING WALL AND 5'-0" MIN FROM THE END OF LOAD BEARING WALLS (INCLUDING OPENINGS ETC.)

3. CONDUITS AND PIPES EMBEDDED IN SLABS:
SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE-THIRD THE OVERALL THICKNESS OF THE SLAB. SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. A MINIMUM SLAB THICKNESS OF 4 1/2" MUST BE MAINTAINED OVER THE EMBEDDED CONDUITS OR PIPES.

4. THICKEN SLAB AT LOCATIONS INDICATED ON FOUNDATION PLAN SEE 6/53.1.

5. REFERENCE FFE = SEE PLANS

6. ALL FOOTINGS HAVE BEEN DESIGNED BASED UPON THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION BY PIEDMONT GEOTECHNICAL CONSULTANTS, INC. PGC, PROJECT NO. 117096, DATED 04/10/2017.

7. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER OR TESTING AGENCY PRIOR TO POURING ANY FOUNDATION CONCRETE. CONTACT STRUCTURAL ENGINEER IF SOIL CONDITION ENCOUNTERED DO NOT SATISFY THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION.

8. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW F.F.E. AND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE (TYP. UNO)

9. TOP OF INTERIOR FOOTINGS SHALL BE A MINIMUM OF 0'-8" BELOW F.F.E. (UNO)

10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING OR NEW UTILITIES. LOWER FOUNDATION AS REQUIRED TO AVOID INTERFERENCE WITH UTILITIES.

11.  INDICATES FOOTING STEP. SEE PLANS

SPECIAL INSPECTIONS:

A. THE SPECIAL INSPECTOR SHALL BE ENGAGED BY THE OWNER. SPECIAL INSPECTOR SHALL BE FULLY QUALIFIED, APPROVED BY THE BUILDING OFFICIAL, REGISTERED BY APPLICABLE REGISTRATION BOARD IF REQUIRED BY THE LOCAL BUILDING OFFICIAL, AND SHALL BE ACCEPTABLE TO THE ARCHITECT.

B. THE SPECIAL INSPECTOR SHALL PROVIDE VERIFICATION OF CONSTRUCTION QUALITY CONTROL INSPECTIONS AND TESTING. THE SPECIAL INSPECTOR SHALL CERTIFY THAT ALL WORK REQUIRING INSPECTION IS PERFORMED IN COMPLIANCE WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS, BUILDING CODE REQUIREMENTS AND LOCAL BUILDING DEPARTMENT REQUIREMENTS.

C. SPECIAL INSPECTIONS ARE REQUIRED FOR THE ITEMS NOTED IN THE STATEMENT OF SPECIAL INSPECTIONS AND THE 2012 IBC CHAPTER 17. THE CONTRACTOR SHALL OBTAIN A COPY OF THE STATEMENT OF SPECIAL INSPECTIONS AND NOTIFY THE SPECIAL INSPECTOR WHEN WORK IS READY TO BE INSPECTED.

D. FAILURE TO NOTIFY THE SPECIAL INSPECTOR PRIOR TO OBSCURING AN ITEM REQUIRING INSPECTION MAY RESULT IN THE CONTRACTOR REMOVING OTHER WORK TO ALLOW INSPECTION. THIS WORK WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. FAILURE TO HAVE REQUIRED ITEMS INSPECTED IS REASON FOR REJECTION OF THE WORK.

E. PREMATURE NOTIFICATION FOR INSPECTIONS WILL RESULT IN ADDITIONAL INSPECTION WITH ALL EXPENSES AND FEES PAID FOR BY THE CONTRACTOR.

5. REFERENCE FFE = SEE PLANS

6. ALL FOOTINGS HAVE BEEN DESIGNED BASED UPON THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION BY PIEDMONT GEOTECHNICAL CONSULTANTS, INC. PGC, PROJECT NO. 117096, DATED 04/10/2017.

7. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER OR TESTING AGENCY PRIOR TO POURING ANY FOUNDATION CONCRETE. CONTACT STRUCTURAL ENGINEER IF SOIL CONDITION ENCOUNTERED DO NOT SATISFY THE RECOMMENDATIONS OUTLINED IN THE REPORT OF PRELIMINARY SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION.

8. ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-0" BELOW F.F.E. AND A MINIMUM OF 1'-6" BELOW ADJACENT EXTERIOR FINISH GRADE (TYP. UNO)

9. TOP OF INTERIOR FOOTINGS SHALL BE A MINIMUM OF 0'-8" BELOW F.F.E. (UNO)

10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING OR NEW UTILITIES. LOWER FOUNDATION AS REQUIRED TO AVOID INTERFERENCE WITH UTILITIES.

11.  INDICATES FOOTING STEP. SEE PLANS

SPECIALTY ENGINEERED PRODUCTS:

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SPECIALTY ENGINEERED SHOP DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL FRAMING INCLUDING, BUT NOT LIMITED TO, SOFFITS, CLADDING, CEILING, ETC.

B. MISCELLANEOUS METALS INCLUDING STEEL STAIRS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS.

C. MISCELLANEOUS HANGARS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, METAL RAILINGS, GLAZING FRAMES, CLADDING SUCH AS STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC. OR ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY THE ARCHITECTURAL OR MECHANICAL CONSTRUCTION DOCUMENTS.

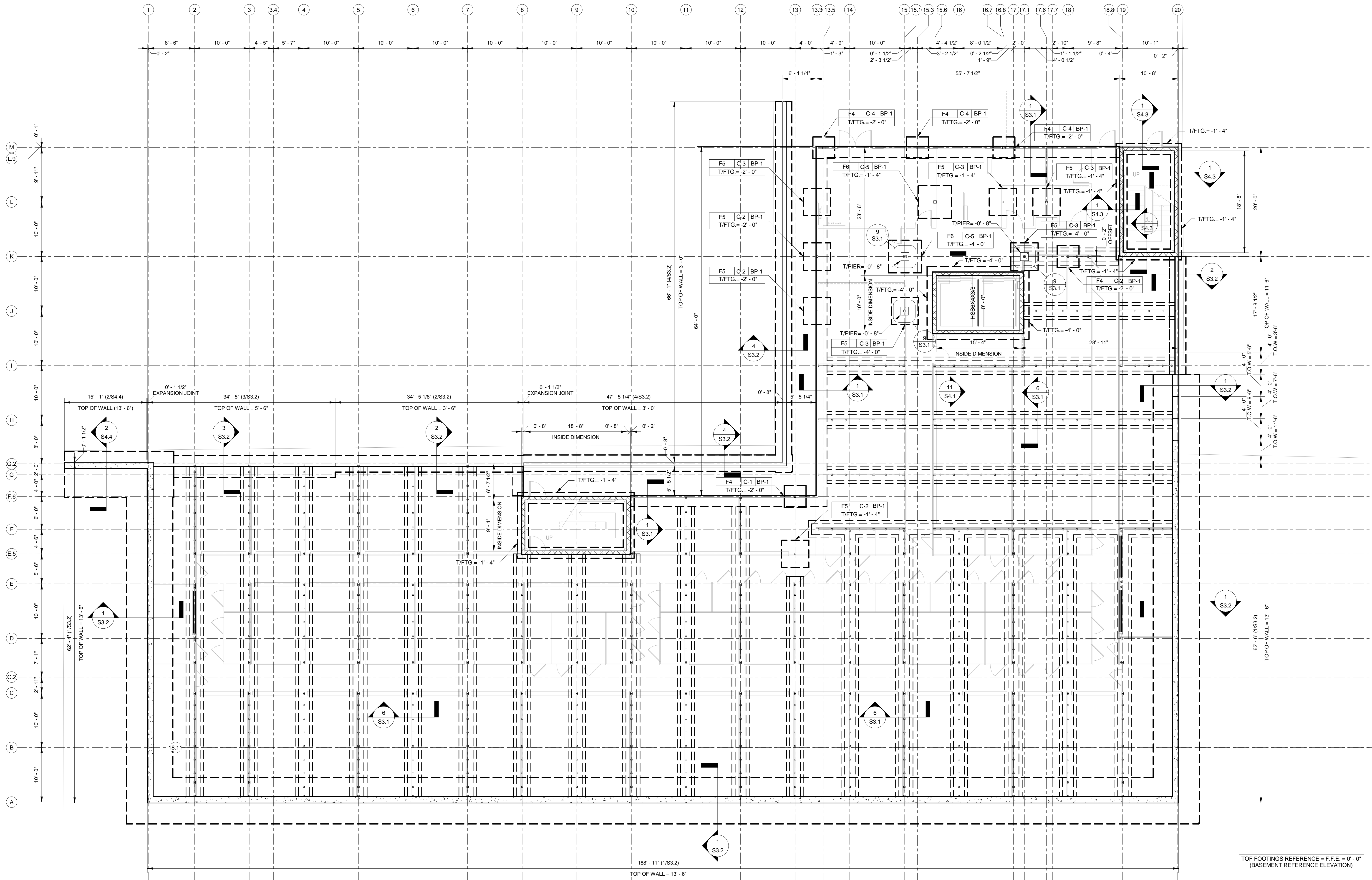
CONCRETE SLAB ON GRADE NOTES:

1. BASEMENT FLOOR SLAB-ON-GRADE SHALL BE 5" THICK 3000 PSI MINIMUM COMPRESSIVE STRENGTH NORMAL WEIGHT CONCRETE. REINFORCED W/ 6X6-W2 1/2W2 1/2 W/WF. LOCATED MID-DEPTH OF SLAB. SEE CIVIL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE VARIOUS BARRIER REQUIREMENTS W/ ARCHITECTURAL AND GEOTECHNICAL ENGINEER REQUIREMENTS. PROVIDE 15 MIL (MIN) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED 6" AND TAPED UNDER ALL INTERIOR SLABS. REFER TO GEOTECHNICAL ENGINEER FOR BELOW SLAB ON GRADE, SUBGRADE PREPARATION REQUIREMENTS.

2. CONTROL/CONSTRUCTION JOINTS SHALL BE LOCATED SUCH THAT NO AREA EXCEEDS 400 SQUARE FEET NOR SHALL THE LENGTH EXCEED 1.5 TIMES THE WIDTH. CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR CONTROL JOINTS. METAL "KEYHOLD" JOINTS SHALL BE USED AT ALL CONSTRUCTION JOINTS. LOCATE ALL CONTROL JOINT EQUAL DISTANCE BETWEEN LOAD BEARING WALL AND 5'-0" MIN FROM THE END OF LOAD BEARING WALLS (INCLUDING OPENINGS ETC.)

Structural Column Schedule		
Type Mark	Type	Type Comments
C-1	HSS4X4X1/4	
C-2	HSS4X4X3/8	
C-3	HSS4X4X1/2	
C-4	HSS6X6X1/4	
C-5	HSS6X6X3/8	
C-6	HSS8X4X3/8	

Structural Foundation Schedule		
Type Mark	Footing Dimensions	Reinforcing
F4	4'-0"x4'-0"x1'-0"	(4) #5 EACH WAY
F5	5'-0"x5'-0"x1'-3"	(6) #5 EACH WAY
F6	6'-0"x6'-0"x1'-3"	(7) #5 EACH WAY



1 S1.1 Foundation Plan
1/8" = 1'-0"



REVISIONS

PROJECT

924
Northside
Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT

Broward
Management,
LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE

FOUNDATION
PLAN

Date:
10-01-2018

PROJECT NUMBER
18-115

SHEET NUMBER

S1.1

ISSUED FOR CONSTRUCTION



REVISIONS

PROJECT

924 Northside Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT

Broward Management, LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE

FIRST FLOOR FRAMING PLAN

Date: 10-01-2018

PROJECT NUMBER 18-115

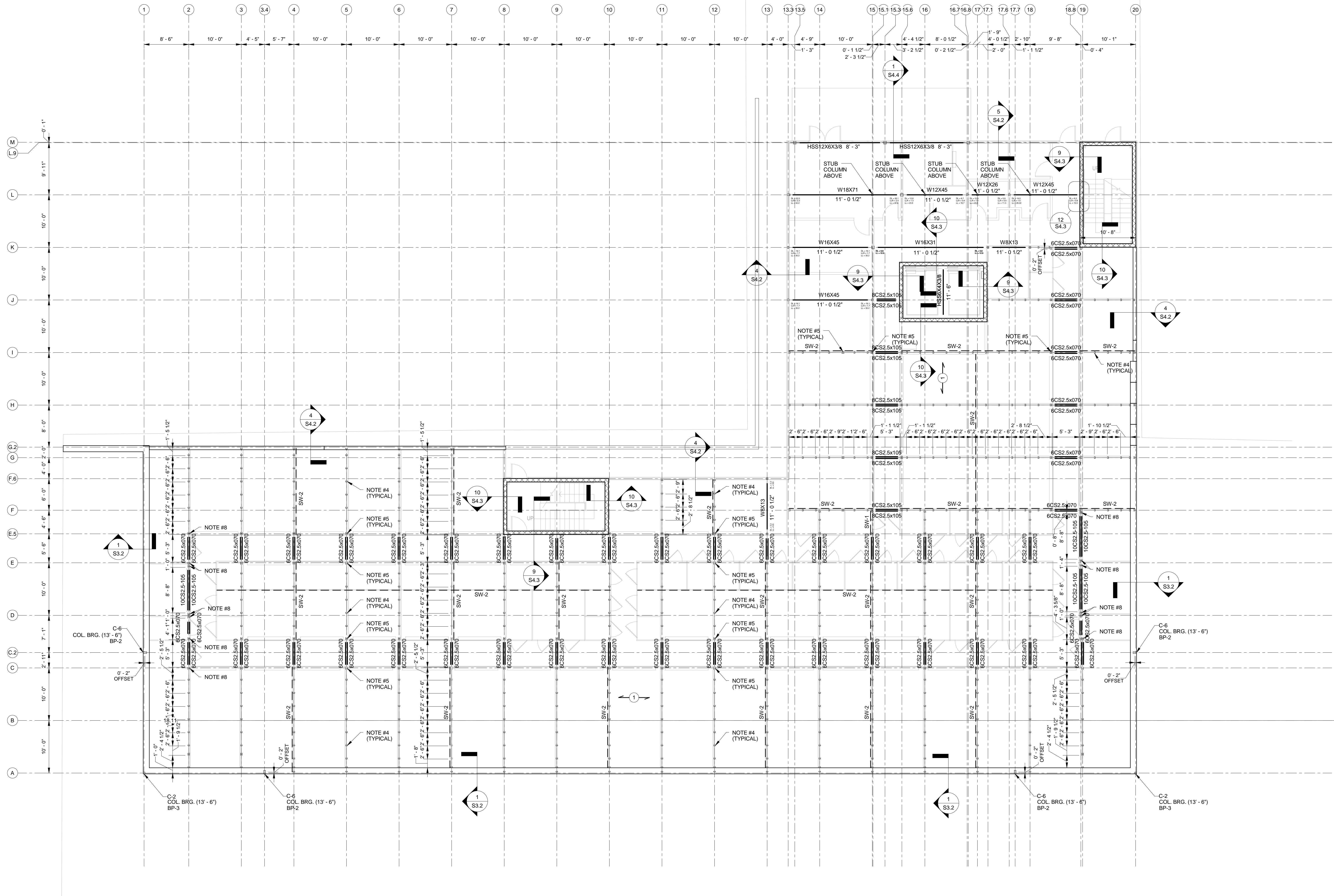
SHEET NUMBER

S2.1

1. CONCRETE FLOOR SLAB TO BE 5/12" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4xW1.4 WWF AND 3" 20 GAUGE VLI COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36/4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI ± Fy
2. (2) 6CS2.5x070 HEADER (SEE HEADER CONNECTION SCHEDULE)
3. (2) 10CS2.5x105 HEADER (SEE HEADER CONNECTION SCHEDULE)
4. 6CS2.5x105 "CEE" TYPE METAL STUDS @ 30" O.C. AT ALL INTERIOR BEARING WALL (BELOW), TYPICAL
5. (2) 6CS2.5x105 DOUBLE STUDS (BACK TO BACK) AT ALL INTERIOR BEAM ENDS, (BELOW), U.N.O.
6. ALL INTERIOR DOORS AND NON-BEARING PARTITION WALLS BY OTHERS, TYP.
7. USE 6CS2.5x070 GAUGE "C" TYPE METAL STUDS AT 24" O.C. AT ALL EXTERIOR WALLS BELOW, (TYP), PROVIDE DOUBLE FULL HEIGHT STUD AT EACH AT ALL WALL OPENINGS
8. (2) 6CS2.5x105 DOUBLE STUDS (BACK TO BACK) AT EACH ROLL-UP DOOR JAMB, (BELOW), U.N.O.
9. (2) 12CS4.0x105 HEADER (SEE HEADER CONNECTION SCHEDULE)
10. PROVIDE ELEVATOR RAIL ATTACHMENT AT EACH FLOOR LEVEL, CAST INTO FLOOR SLAB) TYPICAL
11. TRANSVERSE NON-LOAD BEARING SHEAR WALLS SHALL BE 4CS2.0x059 "C" TYPE METAL STUDS @ 2'-6" o.c. TYPICAL
12. (2) 10CS2.0-105 BOX HEADER w/ (12) #12 TEK SCREWS AT EACH END ON EACH SIDE.

DO NOT PLACE OR OPERATE RIDING TROWELS ON FRAMED FLOORS.

ALTERNATE:
CONCRETE FLOOR SLAB TO BE 4 1/2" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4xW1.4 WWF AND 2" 18 GAUGE VLI COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36/4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI Fy



1 First Floor Framing Plan
S2.1
1/8" = 1'-0"

ISSUED FOR CONSTRUCTION



REVISIONS

PROJECT
924
Northside
Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT
Broward
Management,
LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE
SECOND
FLOOR
FRAMING PLAN

Date:
10-01-2018

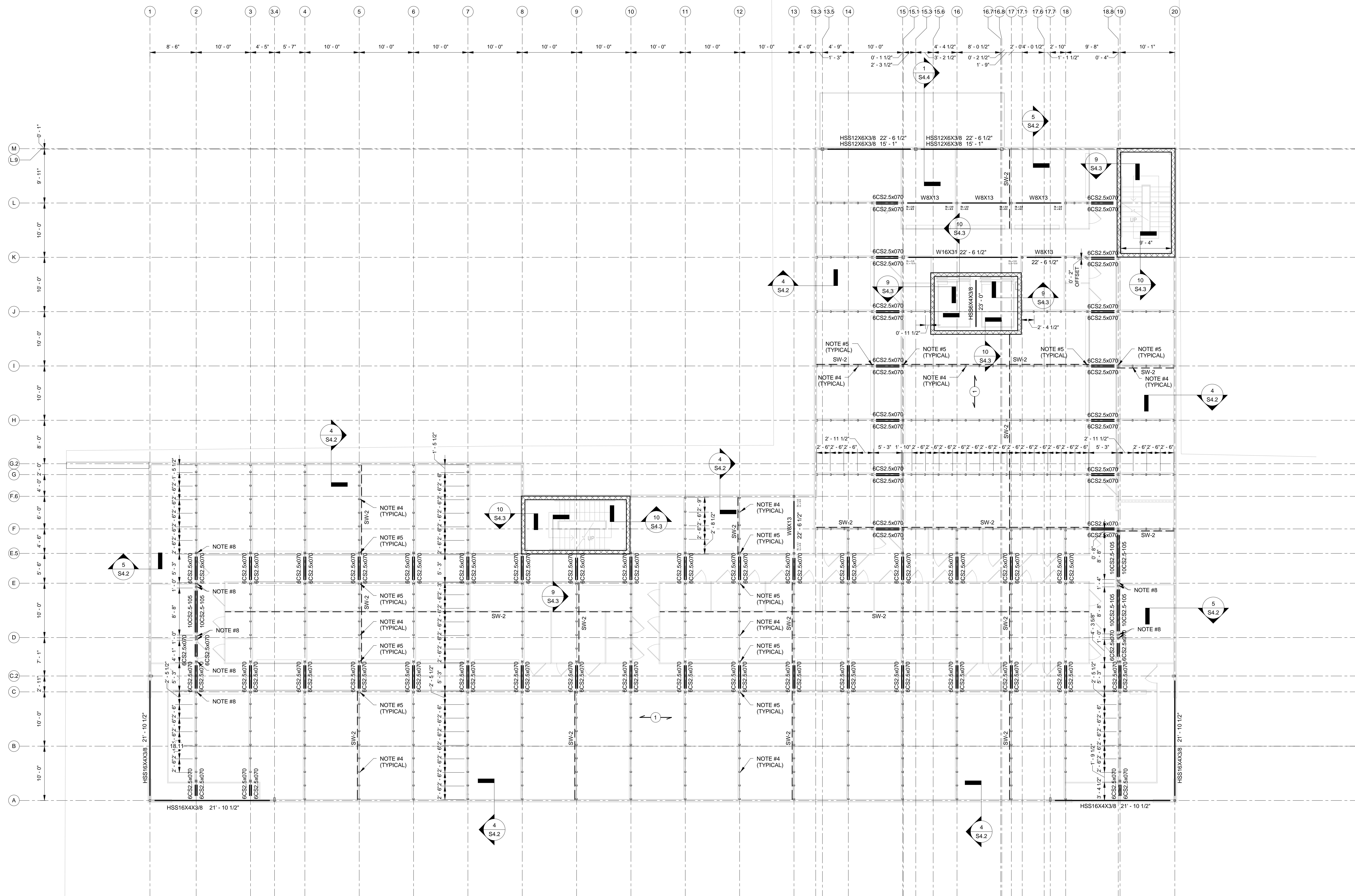
PROJECT NUMBER
18-115

SHEET NUMBER
S2.2

1. CONCRETE FLOOR SLAB TO BE: 5 1/2" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4xW1.4 WWF AND 3", 20 GAUGE CD COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36"4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI = F_y
2. (2) 6CS2.5x0.70 HEADER (SEE HEADER CONNECTION SCHEDULE)
3. (2) 10CS2.5x1.05 HEADER (SEE HEADER CONNECTION SCHEDULE)
4. 4CS2.5x0.70 "C" TYPE METAL STUDS @ 30" O.C. AT ALL INTERIOR BEARING WALL (BELOW), TYPICAL.
5. (2) 4CS2.5x0.70 DOUBLE STUDS (BACK TO BACK) AT ALL INTERIOR BEAM ENDS, (BELOW), U.N.O.
6. ALL INTERIOR DOORS AND NON-BEARING PARTITION WALLS BY OTHERS, TYP.
7. USE 4CS2.5x0.99 GAUGE "C" TYPE METAL STUDS AT 24" O.C. AT ALL EXTERIOR WALLS BELOW, (TYP), PROVIDE DOUBLE FULL HEIGHT STUD AT EACH AT ALL WALL OPENINGS.
8. (2) 4CS2.5x1.05 DOUBLE STUDS (BACK TO BACK) AT EACH ROLL-UP DOOR JAMB, (BELOW), U.N.O.
9. (2) 10CS2.0-105 BOX HEADER W (12) #14 TEK SCREWS AT EACH END ON EACH SIDE.
10. PROVIDE ELEVATOR RAIL ATTACHMENT AT EACH FLOOR LEVEL (CAST INTO FLOOR SLAB) TYPICAL.
11. TRANSVERSE NON-LOAD BEARING SHEAR WALLS SHALL BE 4CS2.5x0.99 "C" TYPE METAL STUDS @ 2'-6" o.c. TYPICAL.

DO NOT PLACE OR OPERATE RIDING
TROWELS ON FRAMED FLOORS.

ALTERNATE:
CONCRETE FLOOR SLAB TO BE: 4 1/2" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4xW1.4 WWF AND 2", 18 GAUGE VLI COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36"4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI F_y



Second Floor Framing Plan

1/8" = 1'-0"

ISSUED FOR CONSTRUCTION



REVISIONS

PROJECT
924
Northside
Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT
Broward
Management,
LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE
THIRD FLOOR
FRAMING PLAN

Date:
10-01-2018

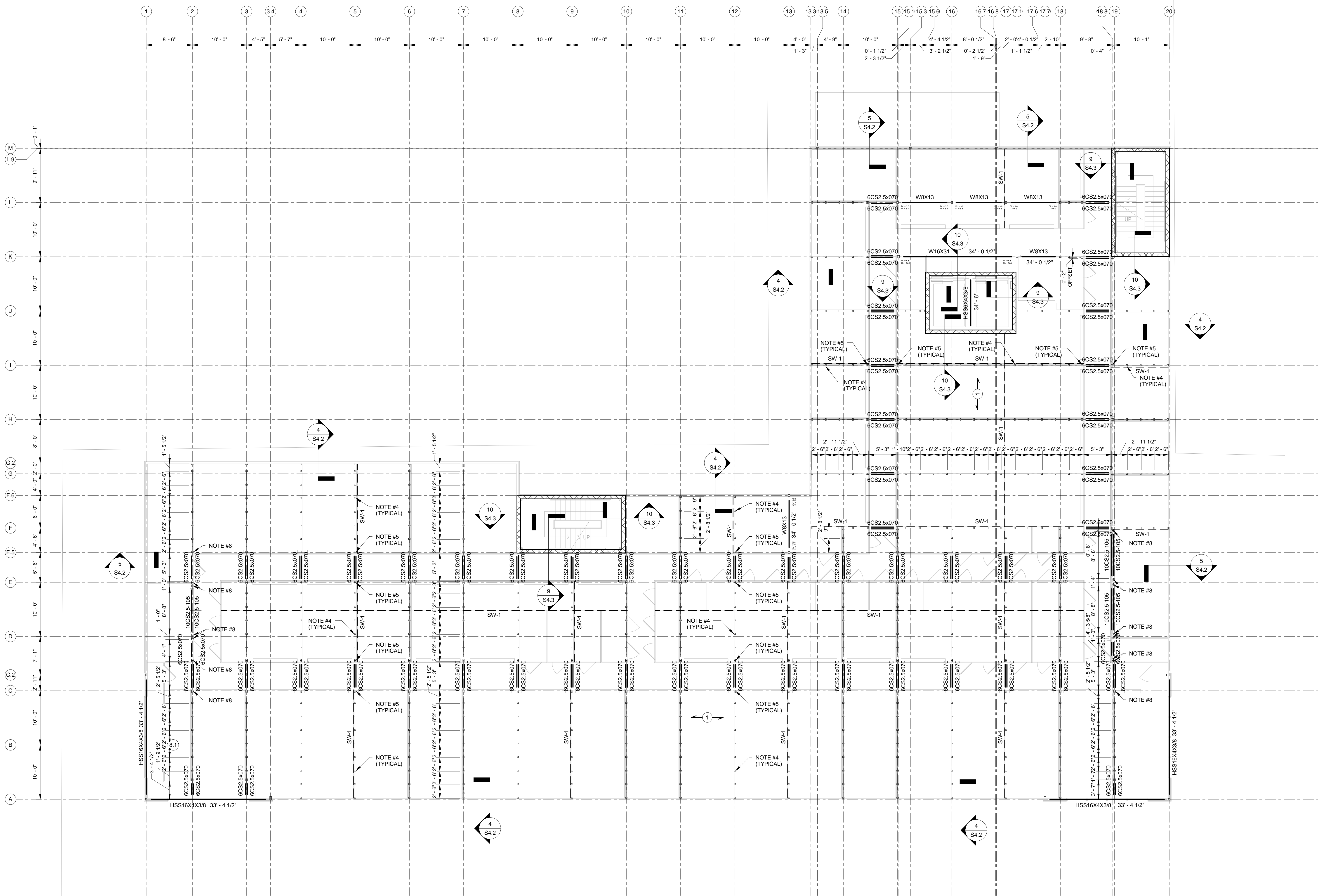
PROJECT NUMBER
18-115

SHEET NUMBER
S2.3

1. CONCRETE FLOOR SLAB TO BE: 5 1/2" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4W1.4 WWF AND 3", 20 GAUGE COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36/4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI = F_y
2. (2) 6CS2.5x0.70 HEADER (SEE HEADER CONNECTION SCHEDULE)
3. (2) 10CS2.5x1.05 HEADER (SEE HEADER CONNECTION SCHEDULE)
4. 4CS2.5x0.59 "CEE" TYPE METAL STUDS @ 30" O.C. AT ALL INTERIOR BEARING WALLS (BELOW), TYPICAL
5. (2) 4CS2.5x0.59 DOUBLE STUDS (BACK TO BACK) AT ALL INTERIOR BEAM ENDS (BELOW), U.N.O. PROVIDE DOUBLE "CEE" STUDS (BACK TO BACK) FROM THIS FRAMING LEVEL TO FOUNDATION BELOW, UNDER ALL DOUBLE "CEE" STUDS AT THIS LEVEL.
6. ALL INTERIOR DOORS AND NON-BEARING PARTITION WALLS BY OTHERS, TYP.
7. USE 4CS2.5x0.59 GAUGE "C" TYPE METAL STUDS AT 24" O.C. AT ALL EXTERIOR WALLS BELOW, (TYP), PROVIDE DOUBLE FULL-HEIGHT STUD AT EACH AT ALL WALL OPENINGS.
8. (2) 4CS2.5x0.70 DOUBLE STUDS (BACK TO BACK) AT EACH ROLL-UP DOOR JAMB (BELOW), U.N.O. PROVIDE DOUBLE "CEE" STUDS (BACK TO BACK) FROM THIS FRAMING LEVEL TO FOUNDATION BELOW, UNDER ALL DOUBLE "CEE" STUDS AT THIS LEVEL.
9. (2) 8CS2.0-105 BOX HEADER w/ (12) #14 TEK SCREWS AT EACH END ON EACH SIDE.
10. PROVIDE ELEVATOR RAIL ATTACHMENT AT EACH FLOOR LEVEL, (CAST INTO FLOOR SLAB) TYPICAL.
11. TRANSVERSE NON-LOAD BEARING SHEAR WALLS SHALL BE 4CS2.5x0.59 "C" TYPE METAL STUDS @ 2'-6" o.c. TYPICAL.

ALTERNATE:
CONCRETE FLOOR SLAB TO BE: 4 1/2" TOTAL 3,000 PSI CONCRETE SLAB W/ 6"x6" W1.4W1.4 WWF AND 2", 18 GAUGE VLI COMPOSITE DECK (OR EQUAL) W/ #12 TEK SCREWS IN 36/4 PATTERN & (4) #10 TEK SCREWS AT SIDELAPS, TYPICAL, 50 KSI F_y

DO NOT PLACE OR OPERATE RIDING
TROWELS ON FRAMED FLOORS.



1 Third Floor Framing Plan
S2.3 1/8" = 1'-0"

ISSUED FOR CONSTRUCTION



REVISIONS

PROJECT

924
Northside
Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT

Broward
Management,
LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE

ROOF
FRAMING PLAN

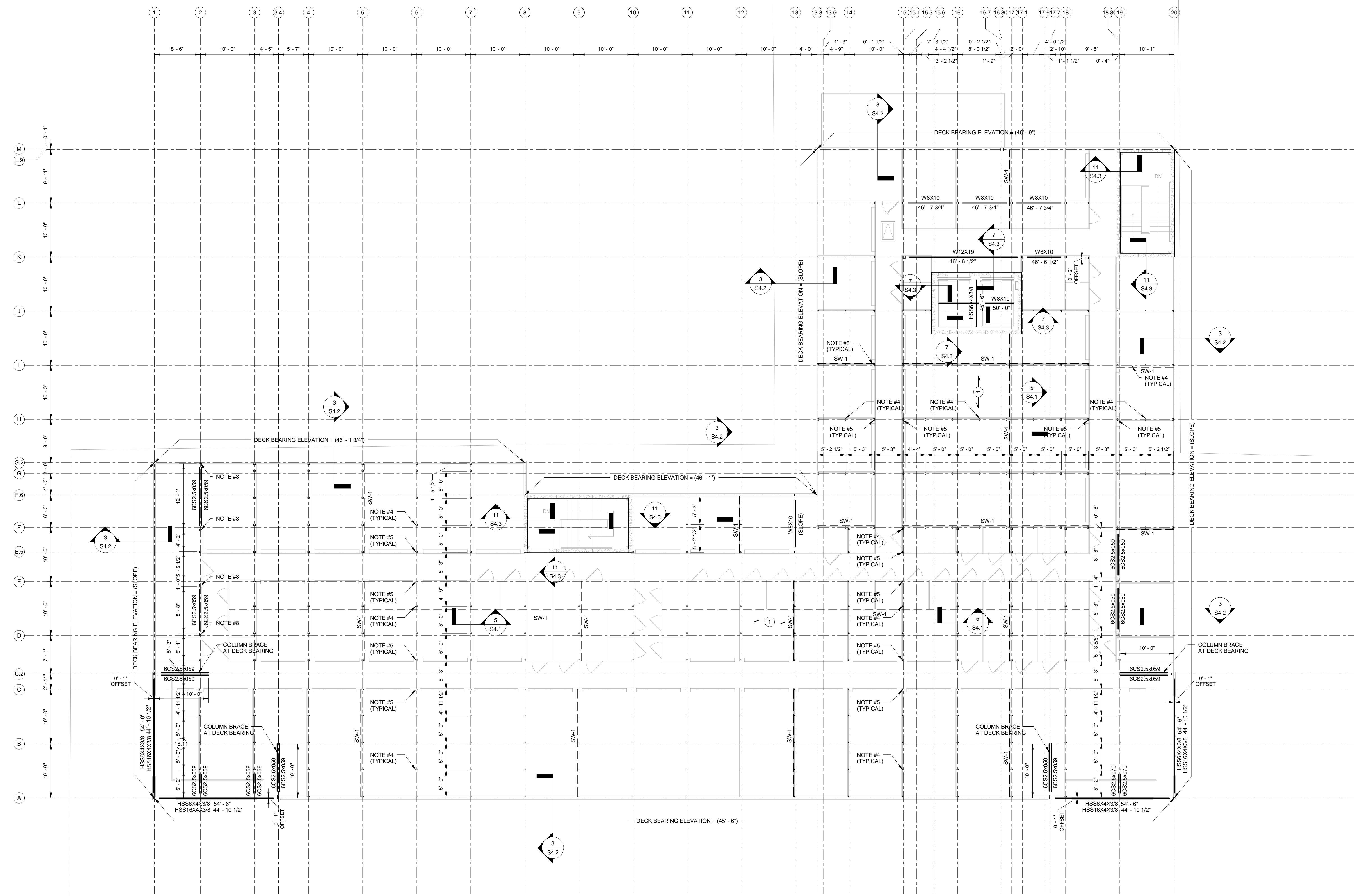
Date:
10-01-2018

PROJECT NUMBER
18-115

SHEET NUMBER

S2.4

1. ROOF DECK TO BE 3", TYPE "N", 22 GA. W/ #12 TEK SCREWS IN 24/4 PATTERN & (7) #10 TEK SCREWS AT SIDELAPS, TYP.
2. (2) 4CS2.5x059 HEADER (SEE HEADER CONNECTION SCHEDULE).
3. (2) 6CS2.5x059 HEADER (SEE HEADER CONNECTION SCHEDULE).
4. 4CS2.5x059 "CEE" TYPE METAL STUDS @ 5'-0" O.C. AT ALL INTERIOR BEARING WALLS U.N.O. (BELOW), TYPICAL.
5. PROVIDE SINGLE 4CS2.5x059 "CEE" TYPE STUD AT EACH ROLLUP DOOR JAMB AND AT EACH SIDE OF CORRIDORS FROM THIS FRAMING LEVEL TO THE FOUNDATION BELOW.
6. ALL INTERIOR DOORS AND NON-BEARING PARTITION WALLS BY OTHERS, TYP.
7. USE 4CS2.5x059 GAUGE "C" TYPE METAL STUDS AT 24" O.C. AT ALL EXTERIOR WALLS BELOW, (TYP), PROVIDE DOUBLE FULL HEIGHT STUD AT EACH AT ALL WALL OPENINGS.
8. (2) 4CS2.0x059 DOUBLE STUDS (BACK TO BACK) AT EACH ROLL-UP DOOR JAMB, U.N.O. UNDER ALL DOUBLE "CEE" STUDS AT THIS LEVEL, PROVIDE DOUBLE "CEE" STUDS (BACK TO BACK) TO FOUNDATION BELOW.
9. 6CS2.5x059 "CEE" TYPE METAL STUDS @ 5'-0" O.C. AT ALL INTERIOR BEARING WALLS U.N.O. (BELOW), TYPICAL.
10. (2) 10CS2.0-105 BOX HEADER w/ #13-0-105 TOP AND BOTTOM TRACK.
11. (2) 8CS2.0-105 BOX HEADER w/ (8) #14 TEK SCREWS AT EACH END ON EACH SIDE.
12. TRANSVERSE NON-LOAD BEARING SHEAR WALLS SHALL BE 4CS2.5x059 "C" TYPE METAL STUDS @ 5'-0" o.c. TYPICAL.
13. PROVIDE SINGLE 6CS2.5x059 "CEE" TYPE STUD AT EACH ROLLUP DOOR JAMB AND AT EACH SIDE OF CORRIDORS FROM THIS FRAMING LEVEL TO THE FOUNDATION BELOW.



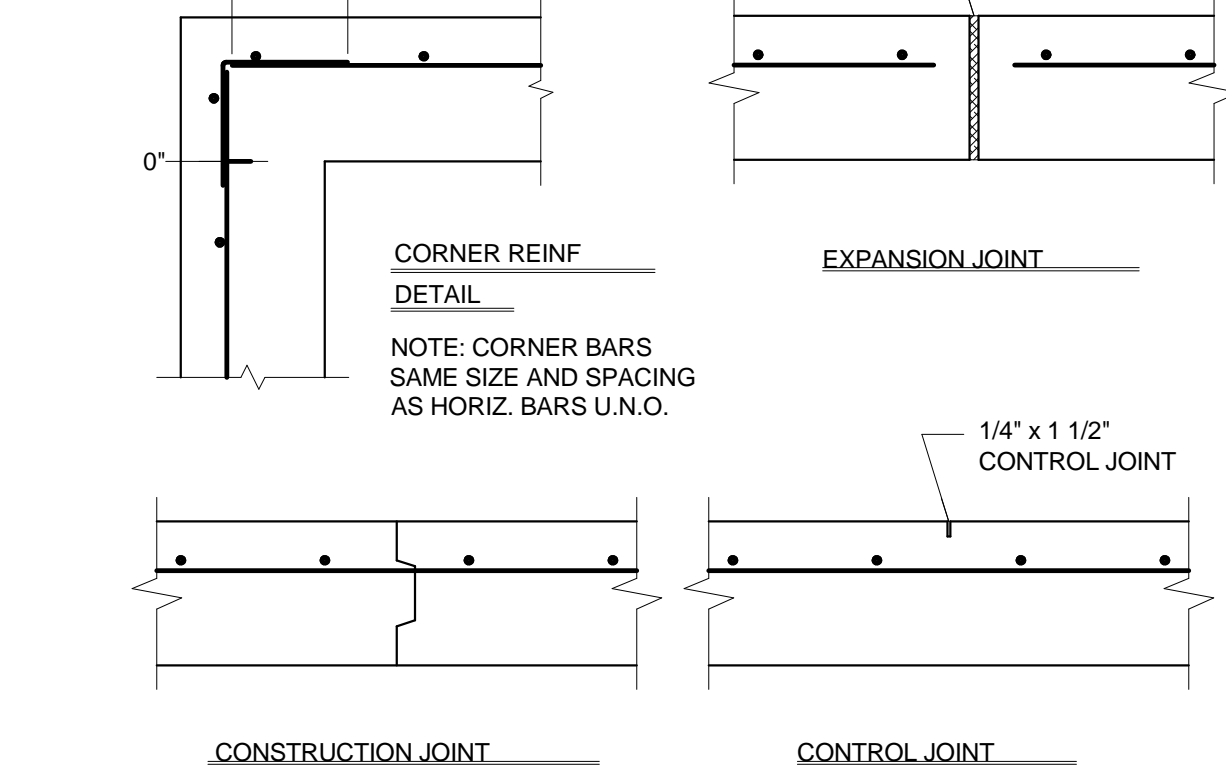
1 Roof Framing Plan
S2.4 1/8" = 1'-0"

ISSUED FOR CONSTRUCTION



NOTES:

1. PRIMED STEEL MEMBERS SHALL MEET THE PHYSICAL AND CHEMICAL PROPERTIES OF ASTM A 1011, GRADE 55
2. ZINC-COATED (GALVANIZED) MEMBERS MEET THE PHYSICAL AND CHEMICAL OF ASTM A 653, GRADE 55 AND G60 COATING DESIGNATION AS DESCRIBED IN ASTM A 924.



REINFORCING IS SHOWN IN ONE FACE OF WALL.
SEE WALL SECTION AND SCHEDULE FOR EXACT CONDITION

TYPICAL WALL JOINTS & DETAILS



FOOTING STEP DETAIL

REINFORCED CONCRETE TENSION LAP SPlice LENGTHS (INCHES)		
TABLE 1		
BAR SIZE	$f'_c=3000$ PSI	$f'_c=4000$ PSI
#3	25	21.3
#4	33	29
#5	41	36
#6	49	43
#7	72	62



REINF. @ PIPE OPENING

RETAINING WALL NOTES

1. All concrete to have 3000 psi compressive strength at 28 days unless otherwise noted.
2. Design parameters to be verified by geotechnical engineering.
 - Equivalent fluid pressure : 40.0 pcf (Cantilever)
 - Equivalent fluid pressure : 60.0 pcf (Basement)
 - Friction factor : 0.4
3. Reinforcing steel:
 - A. Steel to be detailed, fabricated and placed according to the latest standards of the A.C.I.
 - B. Provide corner bars at all corners of the same size and number as the larger of the adjacent bars.
 - C. Shall conform to the latest standards of ASTM A 615 Grade 60.
 - D. Provide a full submittal shop drawings to the Architect for approval prior to fabrication.
4. Wall joints:
 - A. Full height joints:
 - 1. Provide a full vertical weakened plane contraction joints shall be located at 25' c/c maximum spacing. Alternate longitudinal bars shall be cut exactly opposite such contraction joints.
 - 2. Alternate longitudinal bars cut at the contraction joints shall be substituted at every fourth contraction joint or 100' maximum. Joints to have asphalt impregnated fiber board filler or similar, with alternate longitudinal bars cut at the contraction joints.
 - 3. Construction joints between successive pours of concrete to be full height Keyhole.
 - 4. Construction joint may be substituted for any control joint.
5. Backfill:
 - A. DO NOT backfill above retaining wall heel (behind wall) until 7 days after concrete floor slab and concrete paving has been installed.
 - B. DO NOT backfill below requirements of the Soils Engineer.

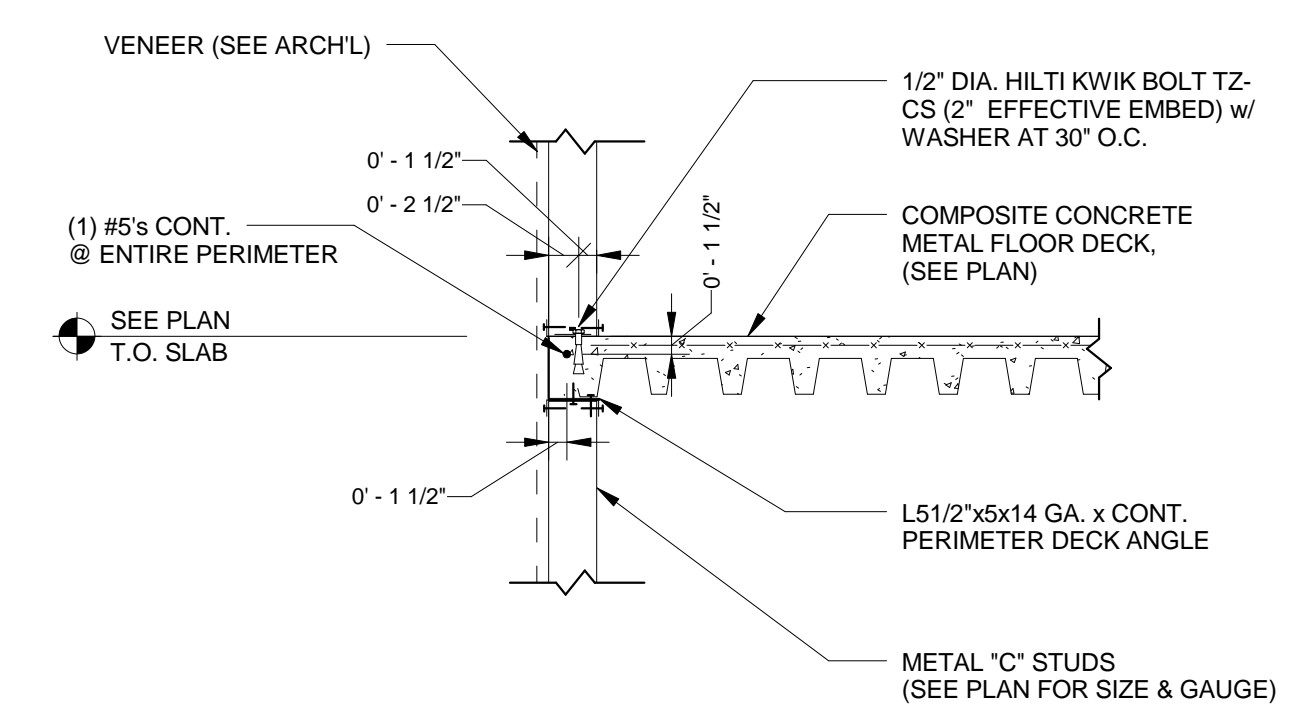
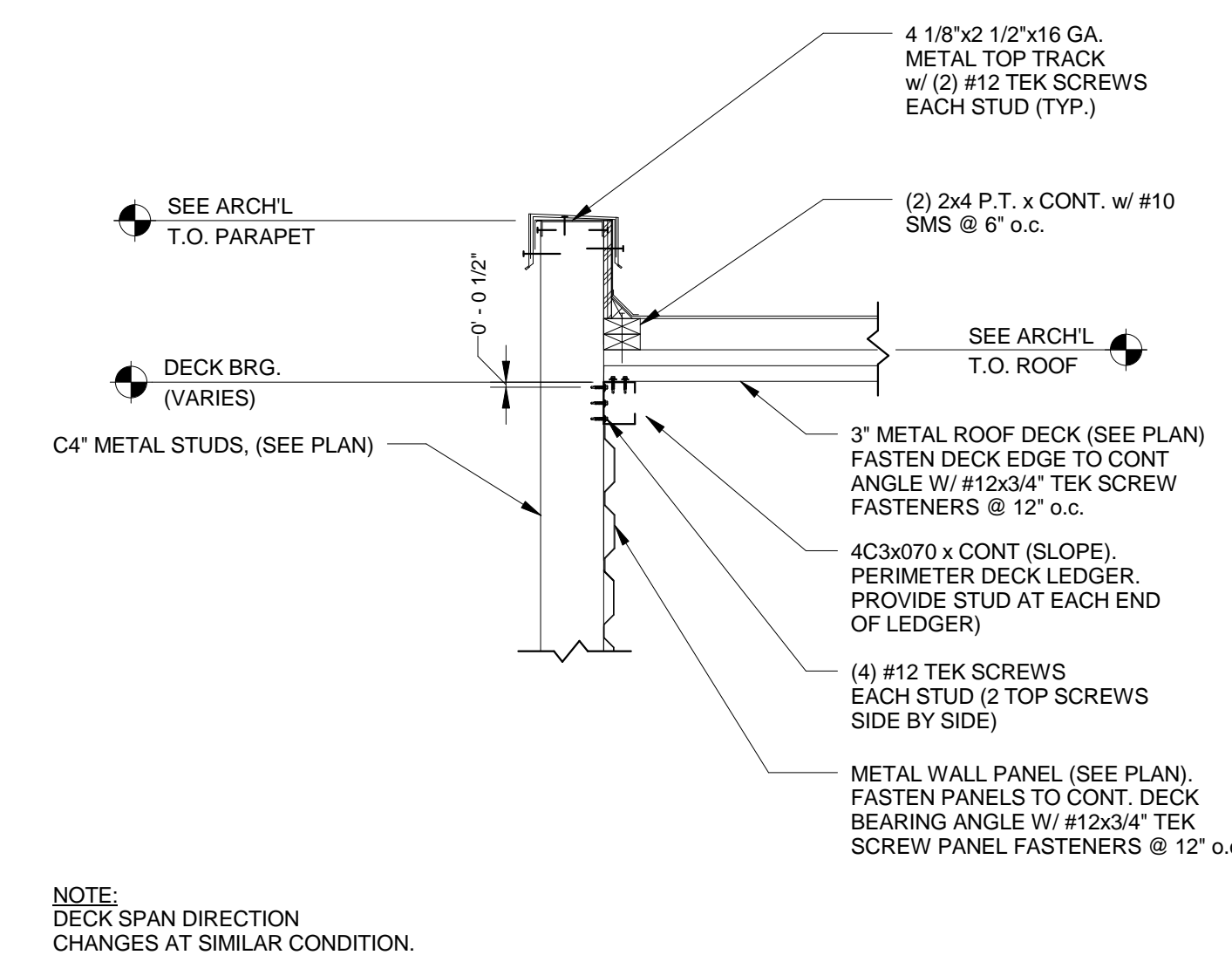
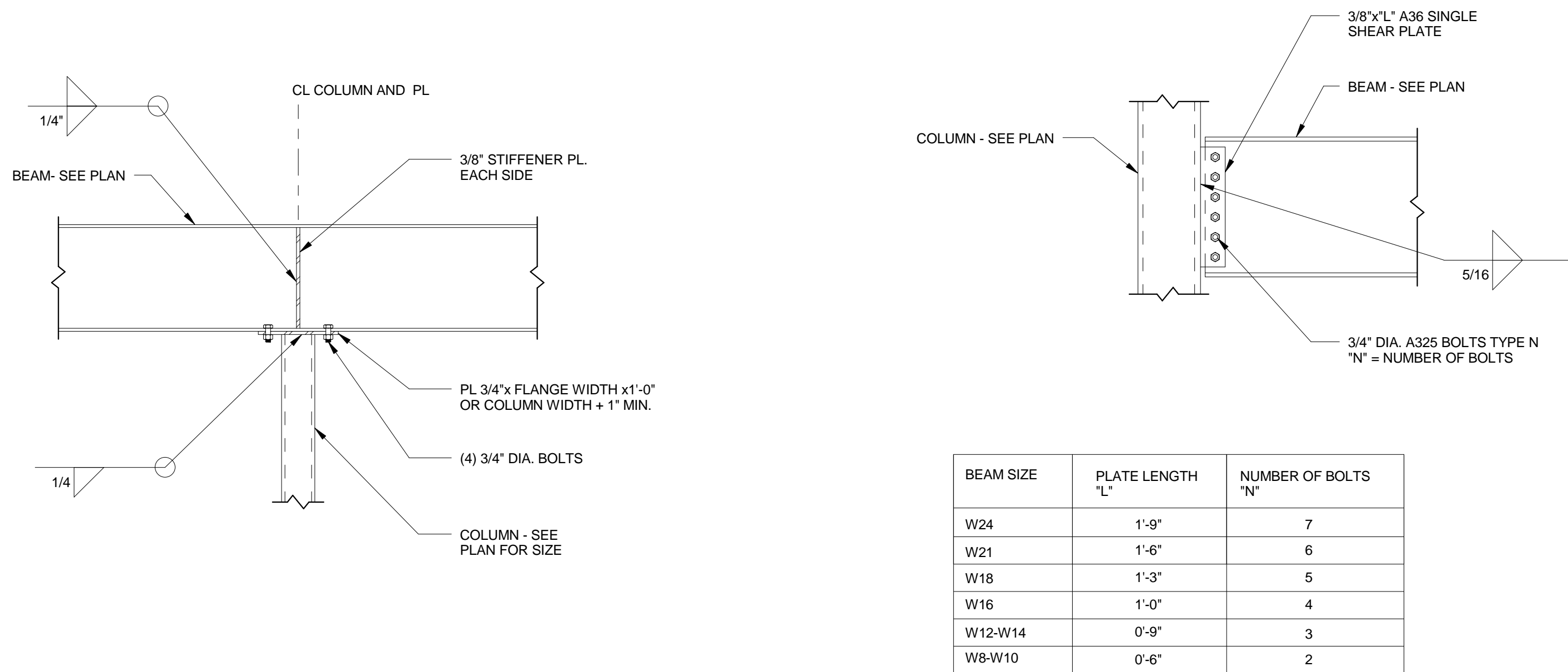


WALL REINFORCING ELEVATION

ISSUED FOR CONSTRUCTION



REVISIONS

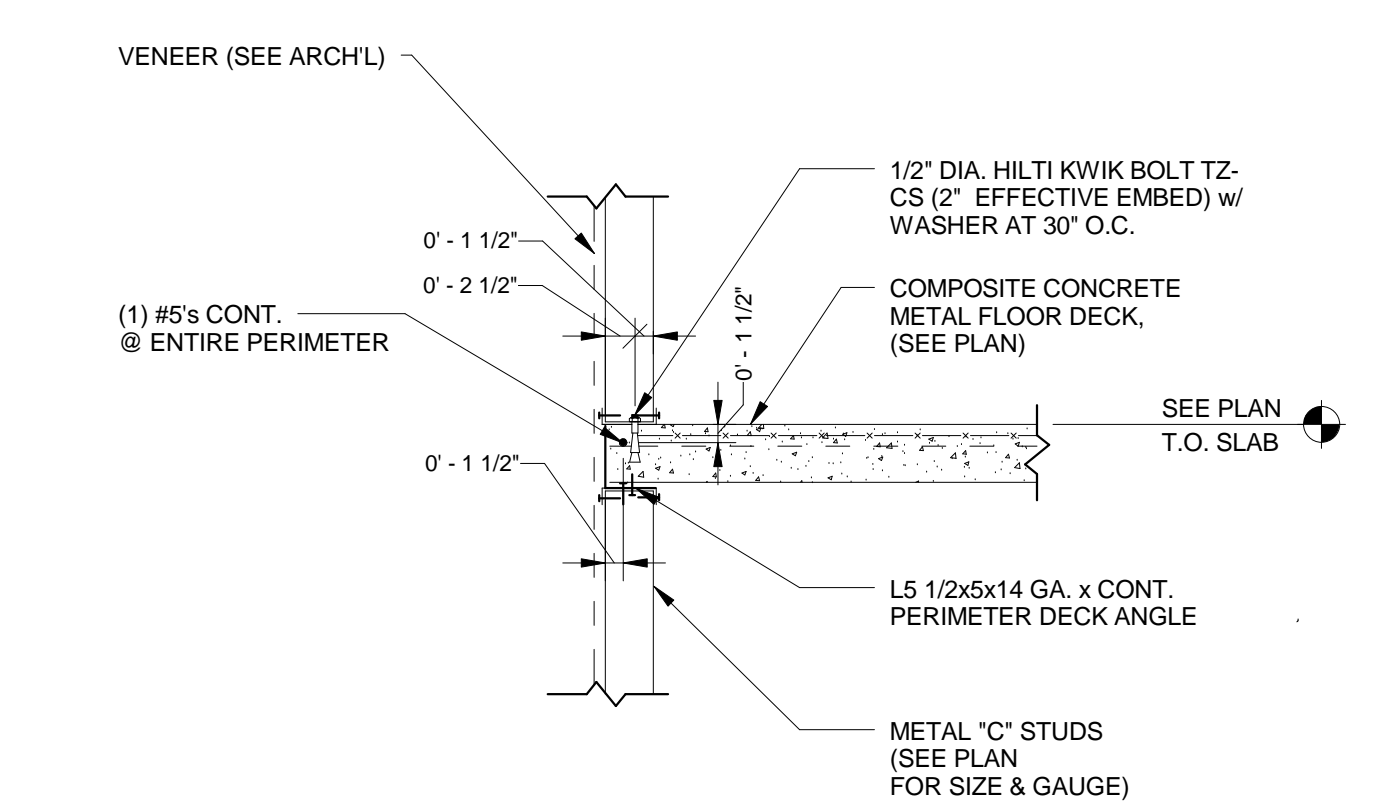
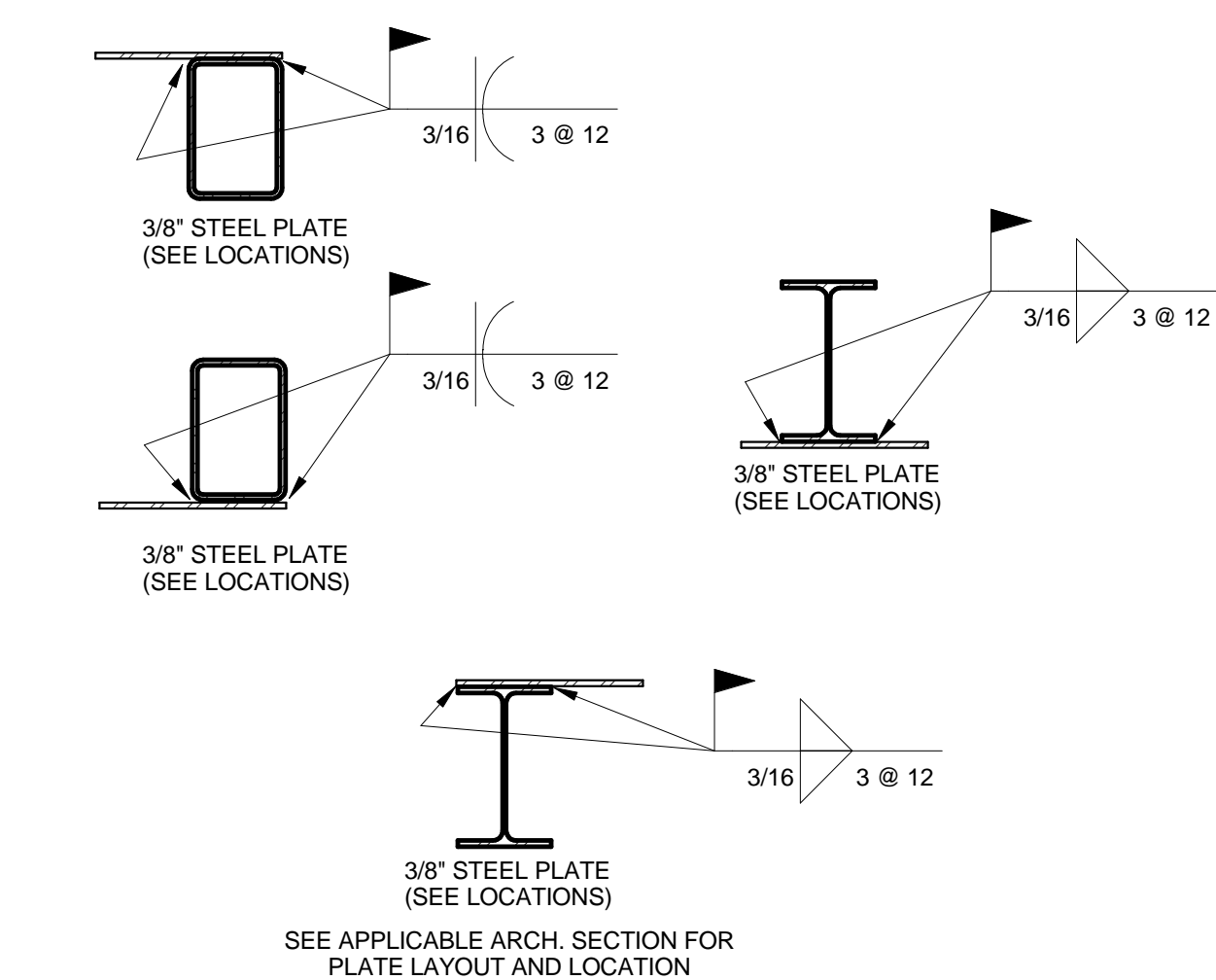
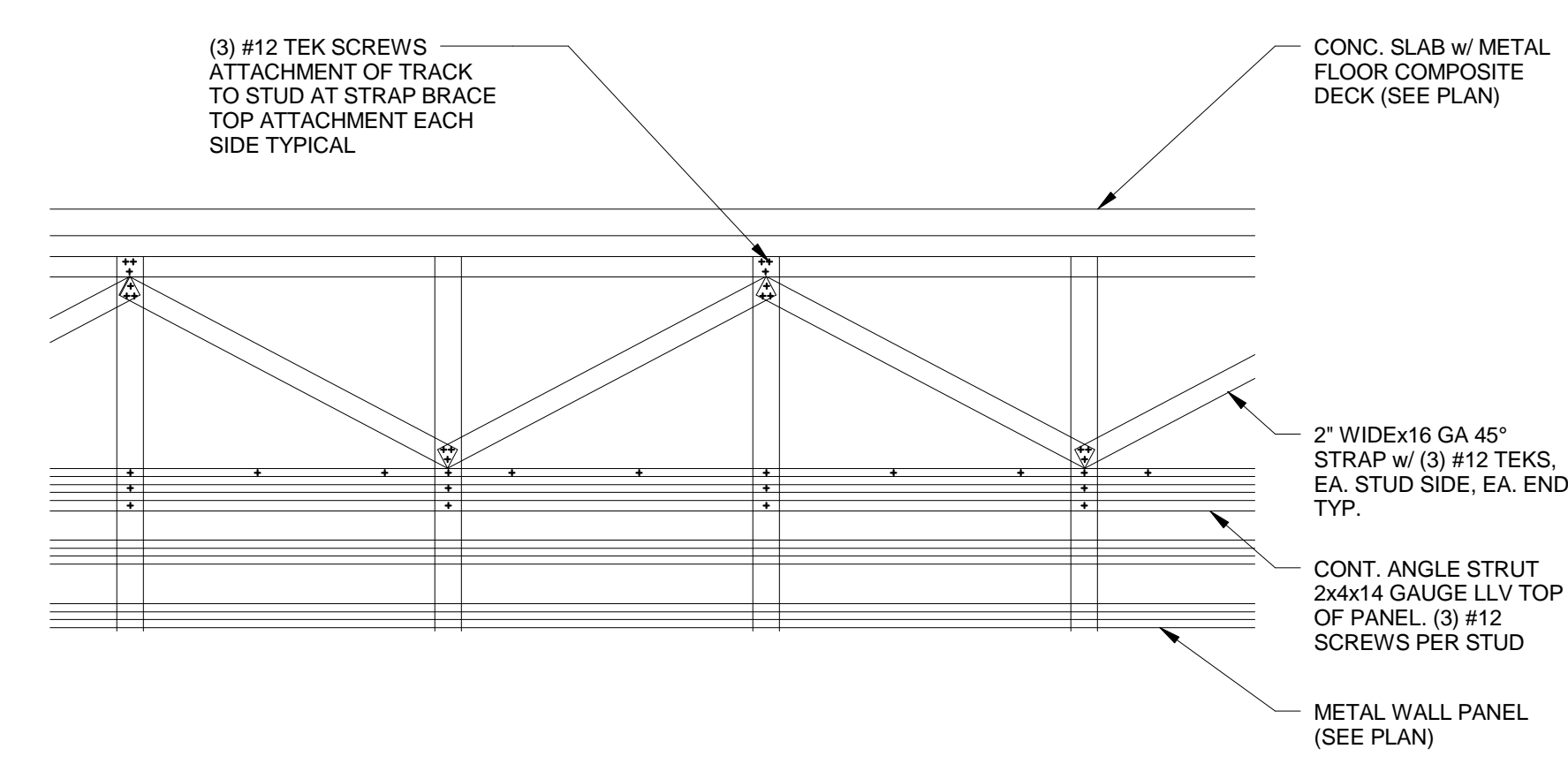
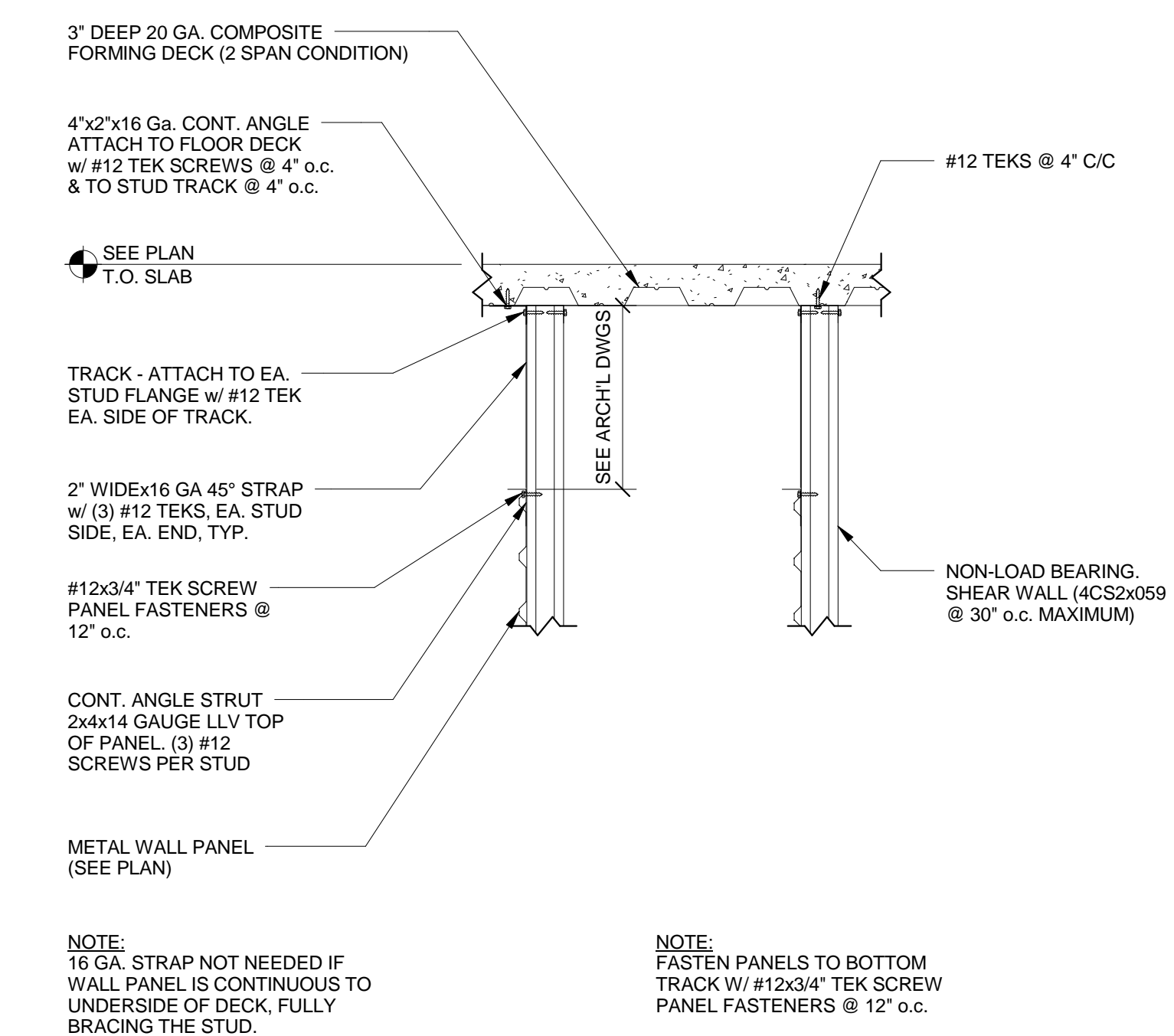


1 BEAM OVER COLUMN DETAIL
3/4" = 1'-0"

2 BEAM TO COLUMN DETAIL
3/4" = 1'-0"

3 ROOF DECK BEARING
3/4" = 1'-0"

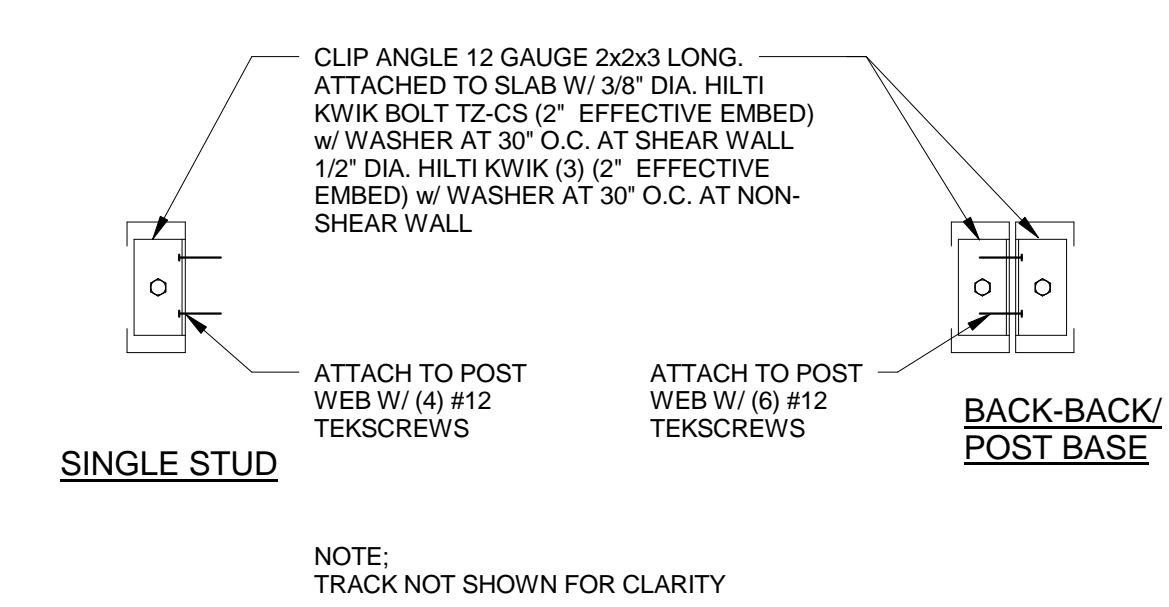
4 FLOOR DECK BEARING
3/4" = 1'-0"



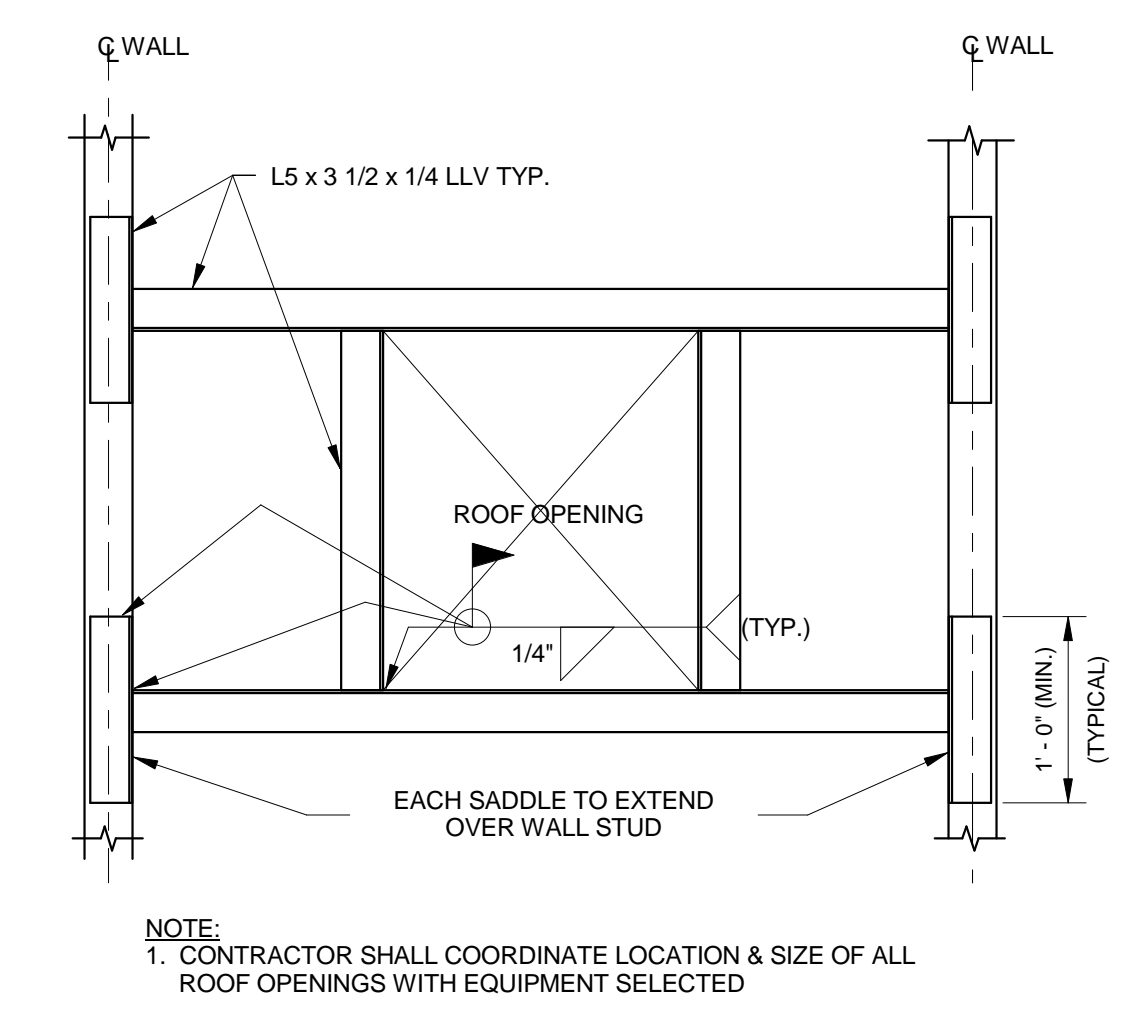
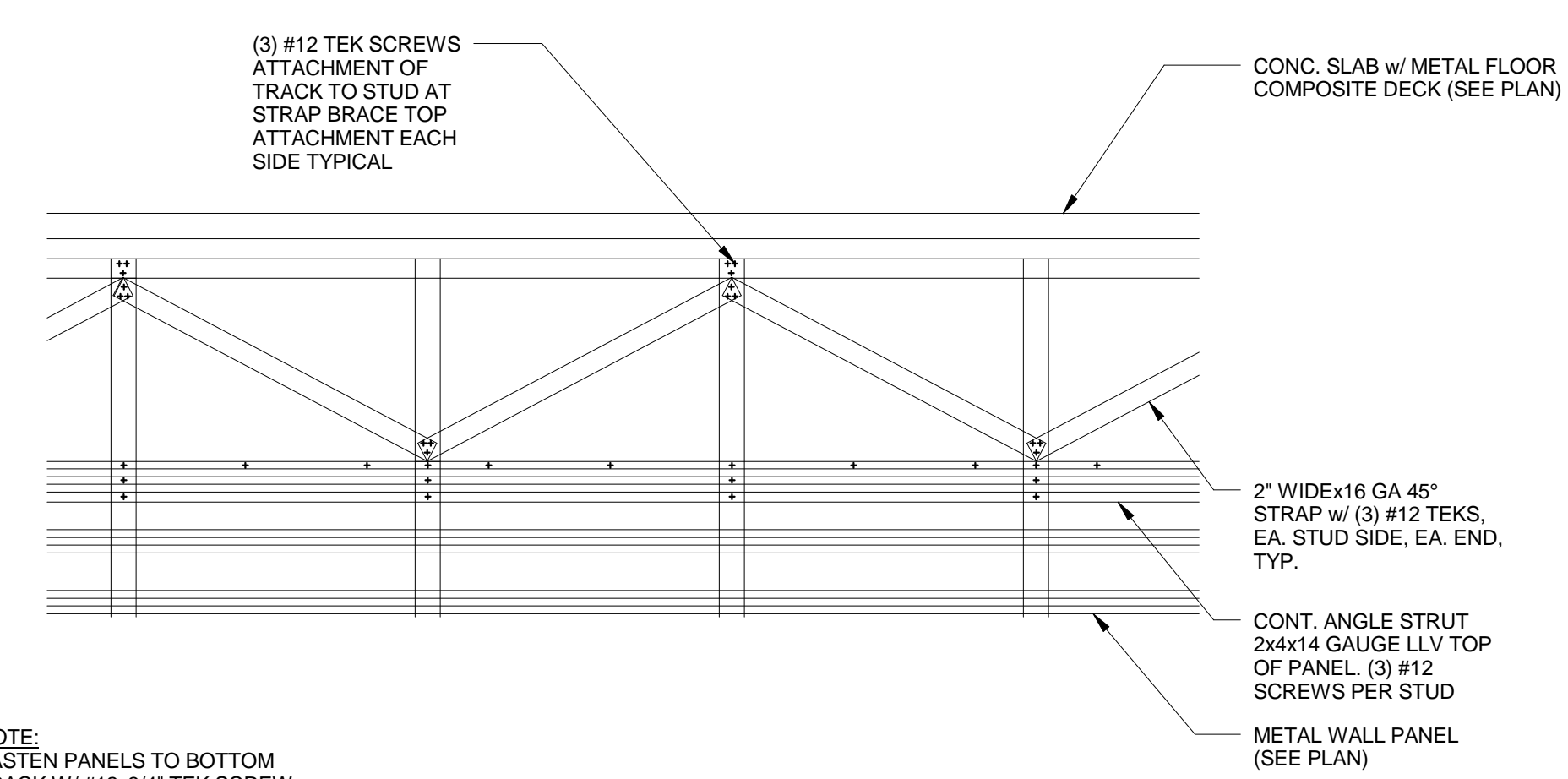
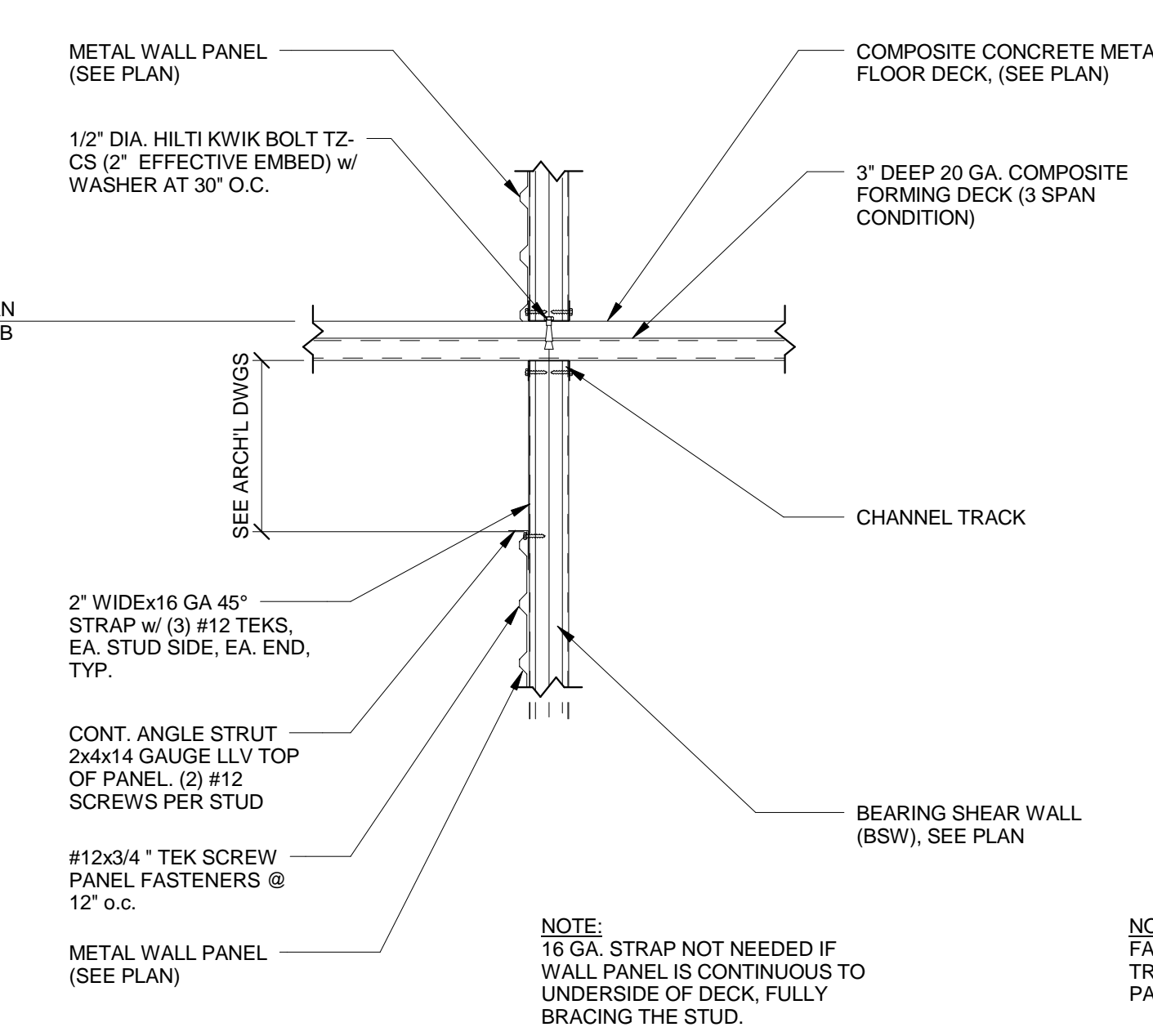
5 FLOOR DECK BEARING
3/4" = 1'-0"

7 SHEAR WALL STARP BRACING ABOVE METAL PANEL (TRANSVERSE SHEAR WALL) 3/4" = 1'-0"

11 TYPICAL PLATE WELD DETAIL 3/4" = 1'-0"



10 POST BASE ATTACHMENT TO SLAB
3/4" = 1'-0"



9 TYP. ROOF OPENING DETAIL
3/4" = 1'-0"

8 SHEAR WALL STARP BRACING ABOVE METAL PANEL
3/4" = 1'-0"

ISSUED FOR CONSTRUCTION

PROJECT
924 Northside Drive Storage

ADDRESS
924 Northside Drive NW
Atlanta, GA 30318

CLIENT
Broward Management, LLC

ADDRESS
6780 Roswell Rd, Suite C-200
Sandy Springs, GA 30328

SHEET TITLE
FRAMING DETAILS

Date:
10-01-2018

PROJECT NUMBER
18-115

SHEET NUMBER

S4.2





