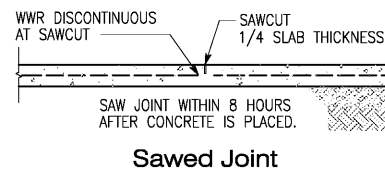


General Notes (Continued)

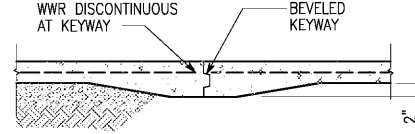
- 6.6 SHEAR WALL SHEATHING: 7/16" OSB, APA STRUCTURAL I RATED SHEATHING, EXPOSURE 1. PANEL IDENTIFICATION INDEX 40/20. LONG DIMENSION OF PANEL PERPENDICULAR TO STUDS. ALL PLYWOOD EDGES BACKED WITH TWO-INCH NOMINAL OR WIDER FRAMING.
- 6.7 SHEAR WALL SHEATHING NAILING, UNLESS NOTED: #10-16 SCREWS 6 INCHES AT SHEAR WALL BOUNDARIES, 6 INCHES AT ALL FOUR PANEL EDGES AND 12 INCHES AT INTERMEDIATE MEMBERS.
- 7. WOOD TRUSSES
 - 7.1. DESIGN, FABRICATE AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" OF THE TRUSS PLATE INSTITUTE. ERECTION PLANS, TRUSS CALCULATIONS AND CONNECTION CALCULATIONS, DESIGNED BY THE CONTRACTOR, SHALL BE SUBMITTED FOR THE FILES OF THE STRUCTURAL ENGINEER. CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.
 - 7.2. THE WOOD TRUSS SYSTEM ENGINEER SHALL DESIGN THE COMPLETE TRUSS SYSTEM. THE TRUSS SYSTEM IS AN ASSEMBLAGE OF TRUSSES AND TRUSS GIRDERS, TOGETHER WITH ALL BRACING, CONNECTIONS AND OTHER STRUCTURAL ELEMENTS AND ALL SPACING AND LOCATION CRITERIA, THAT, IN COMBINATION, FUNCTION TO SUPPORT THE LOADS APPLICABLE TO THE STRUCTURE.
 - 7.3. TRUSS MANUFACTURER SHALL DESIGN FOR THE FOLLOWING SUPERIMPOSED LOADS:
 - A. ROOF:
 1. TOP CHORD DEAD LOAD _____ 10 PSF
 2. BOTTOM CHORD DEAD LOAD _____ 10 PSF
 3. TOP CHORD LIVE LOAD _____ SEE GENERAL NOTE S1.2
 - 7.4. DESIGN ROOF TRUSSES TO RESIST THE WIND UPLIFT LOADING IN ACCORDANCE WITH THE BUILDING CODE.
 - 7.5. IN ADDITION TO THE ABOVE LOADS, WOOD TRUSSES SHALL BE DESIGNED FOR CONCENTRATED LOADS HUNG FROM OR SUPPORTED ON TRUSSES. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR LOADING INFORMATION AND LOCATION. LOADING AS REQUIRED BY OTHER SUBCONTRACTORS, SUCH AS FIRE PROTECTION, SHALL BE COORDINATED BY THE CONTRACTOR.
 - 7.6. ALL MANUFACTURED TRUSS HOLD-DOWNS TO BE BY SIMPSON STRONG-TIE COMPANY, INC. OR APPROVED EQUAL. ALL CONNECTORS SHALL BE FASTENED TO FRAMING MEMBERS FILLING THE REQUIRED NUMBER OF CONNECTOR HOLES WITH THE TYPE AND SIZE FASTENERS SPECIFIED BY THE MANUFACTURER.
 - 7.7. ALL TEMPORARY AND PERMANENT BRACING MEMBERS AND CONNECTIONS REQUIRED FOR WOOD TRUSSES SHALL BE DETAILED ON THE WOOD TRUSS MANUFACTURER'S ERECTION PLANS.
 - 7.8. TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCE ON THE SUPPORTING STRUCTURE. PERMANENT BRACING FORCES SHALL BE TRANSFERRED TO THE ROOF OR FLOOR DIAPHRAGM BY THE BRACING DESIGN PROVIDED BY THE TRUSS MANUFACTURER.

Abbreviations

| | | | |
|-----------------------------------|-------------|------------------------------|------------|
| ABOVE FINISH FLOOR | - AFF | KIPS (1000 LBS) | - K |
| ADDITIONAL | - ADDL | KIPS PER LINEAL FOOT | - KLF |
| ADJACENT | - ADJ | KIPS PER SQUARE INCH | - KSI |
| AIR CONDITIONER | - A/C | KIPS PER SQUARE FOOT | - KSF |
| AIR HANDLING UNIT | - AHU | | |
| ALTERNATE | - ALT | LIGHTWEIGHT CONCRETE | - LWL CONC |
| ANCHOR | - ANC | LIVE LOAD | - LL |
| ANCHOR ROD | - AR | LONGITUDINAL | - LONG. |
| AND | - & | LONG LEG HORIZONTAL | - LLH |
| APPROVED | - APPRV | LONG LEG VERTICAL | - LLV |
| APPROXIMATE | - APPROX | | |
| ARCHITECTURAL | - ARCH. | MANUFACTURE (R) | - MFR |
| ARCHITECTURALLY EXPOSED | - ARCH. | MASONRY | - MAS |
| STRUCTURAL STEEL | - AESS | MASONRY OPENING | - MO |
| AT (WHEN INDICATING SPACING ONLY) | - @ | MATERIAL | - MATL |
| | | MAXIMUM | - MAX |
| BACK TO BACK | - B TO B | MECHANICAL | - MECH |
| BALANCE | - BAL | MEZZANINE | - MEZZ |
| BASEMENT | - BSMT | MIDDLE | - MID |
| BASE PLATE | - BSPL | MINIMUM | - MIN |
| BEAM | - BM | MISCELLANEOUS | - MISC |
| BEARING | - BRG | MOMENT | - M |
| BELOW FINISH FLOOR | - BFF | MOMENT CONNECTION(S) | - MC |
| BETWEEN | - BTWN | | |
| BLOCK | - BLK | NEAR FACE | - NF |
| BLOCKING | - BLKG | NEAR SIDE | - NS |
| BOTTOM | - BOT | NOMINAL | - NOM |
| BOTTOM CHORD EXTENSION | - BCX | NOT IN CONTRACT | - NIC |
| BRICK | - BRK | NOT TO SCALE | - NTS |
| BRIDGING | - BRDG | NUMBER | - NO. or # |
| BUILDING | - BLDG | | |
| | | ON CENTER | - OC |
| CAST IN PLACE | - CIP | OPENING(S) | - OPNG(S) |
| CENTER | - CTR | OPPOSITE | - OPP |
| CENTERLINE | - CL | OUTSIDE FACE | - O.F. |
| CENTER TO CENTER | - C TO C | OUTSIDE DIAMETER | - OD |
| CHANNEL | - C | OUTSTANDING LEG | - OSL |
| CLEAR OR CLEARANCE | - CLR | | |
| COLUMN | - COL | PARALLEL | - PAR. |
| COMPLETE JOINT PENETRATION | - CJP | PARTITION(S) | - PARTN(S) |
| COMPRESSION | - COMP | PENETRATION | - PEN |
| CONCRETE | - CONC | PERMANENT | - PERM |
| CONCRETE MASONRY UNIT | - CMU | PERPENDICULAR | - PERP |
| CONNECTION(S) | - CONN(S) | PLATE | - PLT |
| CONTINUOUS | - CONT | PLUMBING | - PLBG |
| CONTRACTOR | - CONTR | PNEUMATIC | - PNEU |
| CONSTRUCTION | - CONST | POST-TENSION | - PT |
| CONTROL JOINT | - CJ | POUNDS | - LBS |
| CORNER | - COR | POUNDS PER LINEAL FOOT | - PLF |
| COORDINATE | - COORD | POUNDS PER SQUARE INCH | - PSI |
| COVER PLATE | - COV PL | POUNDS PER SQUARE FT | - PSF |
| | | POUNDS PER CUBIC YARD | - PCY |
| | | POUNDS PER CUBIC INCH | - PCI |
| | | PRECAST CONCRETE | - PC |
| | | PREENGINEERED METAL BUILDING | - PEMB |
| DEGREE | - DEG OR ° | PREFABRICATED | - PREFAB |
| DEGREE CELSIUS | - C° | PRELIMINARY | - PRLIM |
| DEGREE FAHRENHEIT | - F° | PRESSURE INJECTED FOOTING | - PIF |
| DETAIL | - DET | PROJECTION | - PROJ |
| DEAD LOAD | - DL | | |
| DIAGONAL | - DIA or ∕ | RADIUS | - R |
| DIAMETER | - DIA or ∕ | REFERENCE | - REF |
| DIMENSION(S) | - DIM(S) | REINFORCED CONC PIPE | - RCP |
| DRAWING(S) | - DWG(S) | REINFORCING | - REINF |
| DRILLED PIER | - DP | REQUIRED | - REQD |
| DOUBLE | - DBL | RISER | - RIS |
| DOUBLE EXTRA STRONG | - XXS | ROOF | - ROOF |
| DOWEL(S) | - DWL(S) | ROOF DRAIN | - RD |
| DOWN | - DN | ROOF TOP UNIT | - RTU |
| | | ROUND | - RND |
| EACH | - EA | | |
| EACH FACE | - EF | SCHEDULE | - SCHED |
| EACH WAY | - EW | SECTION | - SECT |
| EDGE OF DECK | - EOD | SHAR | - SHAR |
| EDGE OF SLAB | - EOS | SHIRT | - SHIRT |
| ELECTRICAL | - ELEC | SIMILAR | - SIM |
| ELEVATION | - EL | SP | - SP |
| ELEVATOR | - ELEV | SPECIFICATION(S) | - SPEC(S) |
| EMBEDMENT | - EMBD. | SPECIFIED | - SPEC'D |
| ENGINEER | - ENGR | SQUARE | - SQ |
| EQUAL | - EQ | STANDARD | - STD |
| EQUIPMENT | - EQIP. | STEEL | - STL |
| EXISTING | - EXIST. | STIFFENER | - STIFF. |
| EXPANSION | - EXP | STRAIGHT | - STR |
| EXPANSION ANCHOR | - EXP ANCH | STIRRUPS | - STIR. |
| EXPANSION JOINT | - EXP JOINT | STRUCTURE OR STRUCT'L | - STRUCT |
| EXTENSION | - EXT | SYMMETRICAL | - SYM |
| EXTERIOR | - EXT | SUPPORT(S) | - SUPT(S) |
| EXTRUSION | - XS | | |
| | | TEMPERATURE | - TEMP |
| FABRICATOR | - FABR | TENSION | - T |
| FACE TO FACE | - F TO F | THICK | - THK |
| FAR SIDE | - FS | TONGUE AND GROOVE | - T&G |
| FASTENER | - FAS | TOP AND BOTTOM | - T&B |
| FIELD VERIFY | - FV | TOP CHORD EXTENSION | - TCX |
| FINISH(ED) | - FIN. | TOP OF BEAM | - TOB |
| FINISHED FLOOR | - FF | TOP OF FOOTING | - TOF |
| FLANGE | - FLG | TOP OF GRADE BEAM | - TOGB |
| FLOOR | - FLR | TOP OF JOIST | - TOJ |
| FLOOR DRAIN | - FD | TOP OF PIER | - T.O.P. |
| FOOT | - FT | TOP OF PILE CAP | - TOPC |
| FOOTING | - FTG | TOP OF STEEL | - TOS |
| FOUNDATION | - FDN | TOP OF WALL | - TOW |
| FRAMING | - FRMG | TREAD | - TR |
| | | TRUSS BEARING ELEVATION | - TBE |
| | | TYPICAL | - TYP |
| | | | |
| GAGE OR GAUGE | - GA | UNLESS NOTED | - U.N. |
| GALVANIZED | - GALV | VERTICAL | - VERT |
| GENERAL | - GEN | | |
| GENERAL CONTRACTOR | - GC | WATERPROOFING | - WPFG |
| GOVERNMENT | - GOVT | WATERSTOP | - WS |
| GRADE | - GR | WELDED WIRE REINFORCEMENT | - WWR |
| GRADE BEAM | - GB | WIND LOAD | - WL |
| GROUND | - GRD | WIND MOMENT CONNECTION | - WMC |
| | | WINDOW | - WDW |
| | | WITH | - W/ |
| | | WITHOUT | - W/O |
| | | WOOD | - WD |
| INFORMATION | - INFO | WORK POINT | - WP |
| INSIDE DIAMETER | - ID | WEIGHT | - WT |
| INSIDE FACE | - I.F. | WIDE FLANGE | - WF |
| INTERIOR | - INT | | |
| INTERMEDIATE | - INTM | | |
| | | | |
| JOINT | - JT | | |
| JOIST(S) | - JST(S) | | |
| JOIST GIRDER | - JG | | |

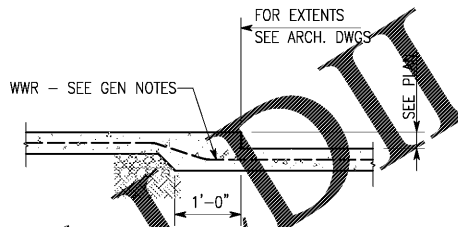


Sawed Joint

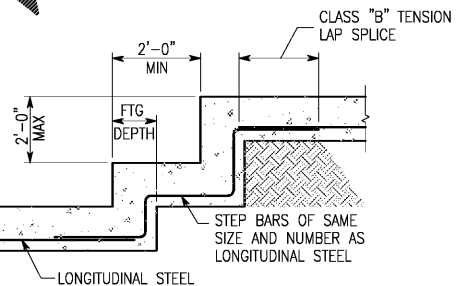


Keyed Joint

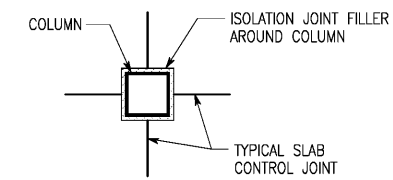
Slab Control Joint Details
JOINT TYPE IS OPTIONAL



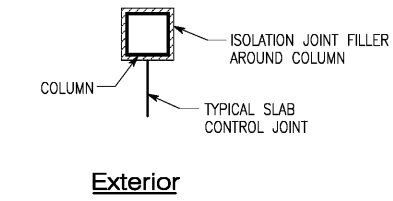
Depressed Slab on Grade Detail



Footing Step Detail

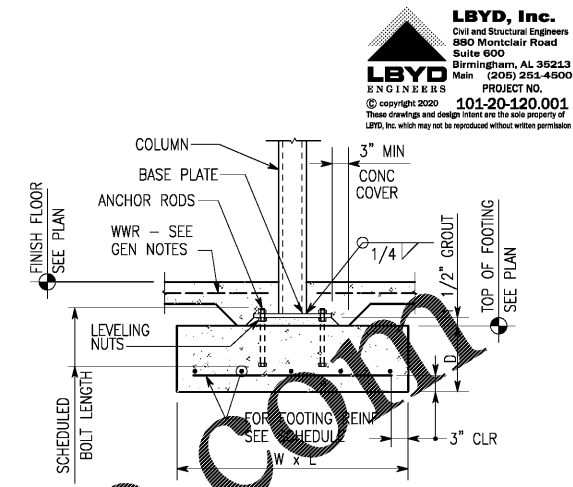


Interior

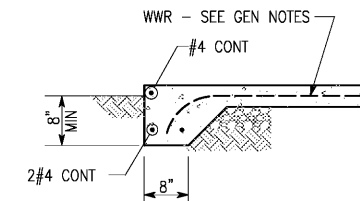


Exterior

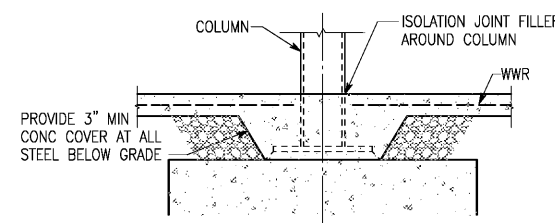
Isolation Joint Detail



Column Base and Footing Detail



Slab Edge Detail



Section at Column

Column/Slab-Joint Detail

Tension Lap Splice Lengths

| BAR SIZE | f'c = 3000 | | | | f'c = 4500 | | | |
|----------|------------|-----|------------|-----|------------|-----|------------|-----|
| | TOP BARS | | OTHER BARS | | TOP BARS | | OTHER BARS | |
| | A | B | A | B | A | B | A | B |
| #3 | 22" | 28" | 17" | 22" | 19" | 24" | 15" | 19" |
| #4 | 29" | 37" | 22" | 29" | 25" | 32" | 19" | 25" |
| #5 | 36" | 47" | 28" | 36" | 31" | 40" | 24" | 31" |
| #6 | 43" | 56" | 33" | 43" | 37" | 48" | 29" | 37" |
| #7 | 63" | 81" | 48" | 63" | 54" | 70" | 42" | 54" |

TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINFORCEMENT.

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| DATE | 06.23.2020 |
| DRAWN | GVA |
| CHECKED | WAW |
| APPROVED | ROW |
| PROJECT NUMBER | 20012.01 |
| SHEET TITLE | GENERAL NOTES (CONTINUED) ABBREVIATIONS & CONCRETE TYPICAL DETAILS |
| DRAWING NO. | S1.2 |