GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.

2. NOTES AND DETAILS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.

3. THE DETAILS ON THESE DRAWINGS SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, DETAILS OF A CHARACTER SIMILAR TO THOSE SHOWN SHALL BE USED, SUBJECT TO REVIEW.

4. FOR OPENINGS NOT SHOWN AND/OR DETAILED ON THE STRUCTURAL DRAWINGS AND WHICH PENETRATE STRUCTURAL ELEMENTS, OBTAIN APPROVAL FROM THE ENGINEER BEFORE PROCEEDING WITH WORK.

5. IT IS THE INTENTION OF THESE DRAWINGS TO PROVIDE FOR THE FOLLOWING CONTINUITIES:

   A. ALL ROOF AND FLOOR STRUTS SHALL BE CONTINUOUSLY CONNECTED FOR THE LENGTH OF THE ROOF OR FLOOR SYSTEM.
   B. ALL WALL BRACING AND/OR SHEAR PANELS SHALL BE CONNECTED TO THE ROOF AND/OR FLOOR STRUTS.

   IF DETAILS REQUIRED TO EFFECT THESE CONTINUITIES ARE NOT EVIDENT ON THE DRAWINGS THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION.

6. ALL EXTERIOR GLAZING AND FRAMES SHALL BE DESIGNED TO RESIST WIND LOADS FOR 110 MPH BASIC WIND SPEED, EXPOSURE C, 2016 CALIFORNIA BUILDING CODE.

7. FRAME OPENINGS AND SUPPORT MISCELLANEOUS EQUIPMENT AS DETAILED ON THE DRAWINGS. WHERE NO DETAILS ARE PROVIDED, OBTAIN APPROVAL FROM THE ENGINEER BEFORE PROCEEDING WITH WORK.

8. LATERALLY BRACE ALL SUSPENDED EQUIPMENT AND CEILINGS IN CONFORMANCE WITH THE 2016 CALIFORNIA BUILDING CODE.

9. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FRAMEWORK, ETC. AS REQUIRED TO COMPLETE THE INSTALLATION IN ACCORDANCE WITH THESE DRAWINGS AND PROJECT SPECIFICATIONS.

10. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.

11. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

12. DESIGN DATA:

    GOVERNING CODE..... 2016 CALIFORNIA BUILDING CODE (C.B.C.)

    DESIGN LOADS:

    ROOF LIVE LOAD ..... 20 PSF (REDUCIBLE)
    FLOOR LIVE LOAD ..... 50 PSF
    WIND LOAD ..... 110 MPH BASIC, EXP. C, I=1.0
    SEISMIC SITE CLASS..... D
    DESIGN SOIL PRESSURE..... 2000 PSF

FOUNDATION NOTES

1. SITE SOIL SHALL BE REMOVED AND REPLACED WITH NON-EXPANSIVE FILL PER GEOTECHNICAL REPORT BY GTL-SEE'S, INC. (10-C-1A, JOB NO. E1116-14). MINIMUM DEPTH OF EXCAVATION SHALL BE 24" BELOW BOTTOM OF FOOTING AND SHALL EXTEND 5'-0" BEYOND THE PERIMETER OF THE BUILDING.

2. THE BOTTOM OF THE OVER-EXCAVATION SHALL BE SCARIFIED TO A DEPTH OF 6", MOISTURE CONDITIONED TO NEAR OPTIMUM MOISTURE CONTENT, AND COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT NOTED IN NOTE 1 ABOVE.

3. NOMINAL TOP OF FLOOR SLAB ELEVATION = DATUM +0'- 0" UNLESS NOTED OTHERWISE.

4. ALL SPREAD OR CONTINUOUS BEARING WALL FOOTINGS SHALL BE FOUNDED A MINIMUM DEPTH OF 12 INCHES BELOW LOWEST ADJACENT FIRM NATURAL SUBGRADE OR COMPACTED FILL UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

5. CONSTRUCTION OR CONTROL JOINTS (C.J.) ARE TO BE PROVIDED AT INTERIOR NON-BEARING PARTITIONS AND AT HIGH OR LOW POINTS OF FLOOR SLOPES TO BREAK FLOOR INTO WORKING AREAS NOT LARGER THAN 625 SQUARE FEET.

6. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF EXTERIOR WALKWAYS.

7. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF NON-BEARING PARTITIONS.

PROJECT STANDARDS

GOVERNING CODES	2016 C.B.C., 2010 ASCE 7
WIND LOADING	110 MPH BASIC - EXPOSURE C
SEISMIC SITE CLASS	CLASS D, SDC D
	SEISMIC ACCELERATION COEFFICIENTS:
	S_s — 0.925
	S_1 — 0.235
	S_{MS} — 0.725
	S_{M1} — 0.454
	S_{DS} — 0.463
	S_{D1} — 0.303
DESIGN METHODOLOGY	ALLOWABLE STRESS DESIGN
STRUCTURAL STEEL	ASTM A36
COLD FORMED (LIGHT GAUGE) SECTIONS, PLATES, ETC.	
16 GAUGE & HEAVIER	ASTM A653 (50 KSI)
18 GAUGE & LIGHTER	ASTM A653 (33 KSI)
CONCRETE MASONRY UNIT ASSEMBLY	C.B.C. STANDARDS
PIPE	ASTM A53 GRADE B
TUBE	ASTM A500 GRADE B
WELDING	AWS D1.1
BOLTS	ASTM A307
WOOD MEMBERS	
STUDS	DF-L #2 OR BETTER
JOISTS & PLANKS	DF-L #2 OR BETTER
BEAMS & STRINGERS	DF-L #1 OR BETTER
POSTS & TIMBERS	DF-L #1 OR BETTER
GLU-LAMS	24F-V4 (SIMPLE SPANS)
	24F-V8 (MULTIPLE SPANS & CANTILEVER)
PLYWOOD SHEATHING	APA STURD-I-FLOOR EXPOSURE 1
	C.B.C. STANDARD 2303
REINFORCING STEEL - #4 & SMALLER	ASTM A615 GRADE 40
REINFORCING STEEL - #5 & LARGER	ASTM A615 GRADE 60
CONCRETE	3000 PSI @ 28 DAYS
SOIL BEARING	1500 PSF ASSUMED

CONCRETE NOTES

1. THE QUALITY, DESIGN AND PLACEMENT OF CONCRETE SHALL BE IN ACCORDANCE WITH THE 2016 EDITION OF THE CALIFORNIA BUILDING CODE (C.B.C.), EXCEPT ITEMS NOT SPECIFICALLY COVERED THEREIN SHALL ALSO CONFORM TO ACI 318, LATEST EDITION. MAXIMUM SLUMP SHALL BE 5 INCHES.

2. UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

   FOOTINGS, STEMWALLS & PIERS ..... 3000 PSI
   SLABS ON GRADE ..... 3000 PSI

3. MATERIALS USED IN THE CONCRETE MIX SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

   AGGREGATE (NORMAL-WEIGHT CONCRETE, 1-1/2" MAX) ... ASTM C-33
   PORTLAND CEMENT (TYPE II, U.N.O.) ..... ASTM C-150
   ADMIXTURES ..... NOT ALLOWED W/O APPROVAL
   WATER ..... POTABLE

   READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C-94 OR C-685.

4. ALL EXPOSED INTERIOR CONCRETE FLOORS ARE TO RECEIVE A STEEL TROWELED FINISH.

5. UNLESS NOTED OTHERWISE, ALL EXPOSED EXTERIOR CONCRETE SLABS ARE TO RECEIVE A MEDIUM BROOM FINISH.

6. FORMS FOR PERMANENTLY EXPOSED SURFACES SHALL PRODUCE A SMOOTH, EVEN, LEVEL FINISH WITHOUT FINS. FORM WORK SHALL TAKE INTO CONSIDERATION THE REQUIREMENTS OF 2016 C.B.C.

7. UNLESS NOTED OTHERWISE, ALL EXPOSED EDGES OF CONCRETE SURFACES SHALL RECEIVE A 3/4" MINIMUM CHAMFER OR A 1/2" MINIMUM TOOLED RADIUS & THE TOP OF ALL EXPOSED FOOTINGS, PIERS AND COLUMNS SHALL RECEIVE A SMOOTH TROWELED FINISH.

8. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT, ANCHOR BOLTS, OTHER EMBEDDED ITEMS AND INTO THE CORNERS OF FORMS. ANY "HONEYCOMB" CONCRETE AND/OR ROCK POCKETS SHALL BE REMOVED AND REPLACED WITH SOUND CONCRETE.

9. ALL CONCRETE FLATWORK SHALL BE WET CURED BY MIST CURING, BY MOISTURE-RETAINING CURING, OR BY COMBINATIONS THEREOF IN ACCORDANCE WITH ACI 301 PROCEDURES. KEEP CONTINUOUSLY MOIST FOR NOT LESS THAN 7 DAYS AFTER THE FINISHING OPERATION IS COMPLETE.

   ALTERNATELY, A CURING COMPOUND MEETING ASTM C-309 TYPE 1, CLASS B AND AASHTO M-148, TYPE 1 SPECIFICATIONS AND STATE OF CALIFORNIA AIR REGULATION BOARD SOLVENT EMISSIONS STANDARDS MAY BE USED SUCH AS 'EUCLID' SUPER DIAMOND CLEAR VOX.

10. REINFORCING STEEL SHALL BE BILLET STEEL CONFORMING TO ASTM A615/A615M-96A AS FOLLOWS, UNLESS NOTED OTHERWISE:

    #4 (13 MM) AND SMALLER ..... GRADE 40 (GRADE 300)
    #5 (16 MM) AND LARGER ..... GRADE 60 (GRADE 420)

    FABRICATING DETAILS SHALL CONFORM TO ACI 315, "ACI DETAILING MANUAL" AND CRSI "MANUAL OF STANDARD PRACTICE".

11. SPLICE LENGTHS OF REINFORCING BARS SHALL COMPLY WITH THE REQUIREMENTS OF ACI 318. REFER TO DETAILS ON THESE PLANS.

12. ALL WELDING OF REINFORCING STEEL SHALL BE WITH LOW HYDROGEN ELECTRODES UNLESS OTHERWISE NOTED. WELDING OF REINFORCING ALLOWED ONLY WHERE DETAILED ON THE DRAWINGS. TACK WELDING NOT ALLOWED.

13. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.

14. ALL VERTICAL REINFORCING BARS AT WALLS, STEMWALLS, PEDESTALS, ETC. SHALL HAVE A STANDARD ACI 90° OR 180° HOOK INTO THE FOUNDATION BELOW WITH EMBEDMENT REQUIRED BY THE BUILDING CODE. ALSO SEE DETAILS, THESE PLANS.

15. UNLESS OTHERWISE NOTED, ALL REINFORCING SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS:

    SURFACES POURED AGAINST EARTH ..... 3 INCHES
    FORMED SURFACES EXPOSED TO GROUND OR WEATHER:
    #5 AND SMALLER ..... 1-1/2 INCHES
    #6 AND LARGER ..... 2 INCHES
    FORMED CONCRETE NOT EXPOSED TO GROUND OR WEATHER ..... 3/4 INCH
    BEAMS, JOISTS & GIRDERS ..... 1-1/2 INCHES
    COLUMNS ..... 1-1/2 INCHES

16. WHERE GROUT IS SPECIFIED ON THE DRAWINGS USE A HIGH STRENGTH, NON SHRINK, NON-METALLIC GROUT. USE MASTERBUILDERS "MASTERFLOW 713 GROUT" OR APPROVED SUBSTITUTE.

17. REFER TO BOTH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATION AND SPACING OF ALL PLUMBING FIXTURES.

18. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE WALLS OR SLAB UNLESS SPECIFICALLY DETAILED.

LIGHT GAGE STEEL NOTES

1. ALL LIGHT GAGE STEEL STUDS, JOISTS AND ACCESSORIES SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED OTHERWISE:

   18 & 20 GA. — ASTM A-653 (STRUCTURAL) WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI. GALVANIZED MEMBERS SHALL CONFORM TO ASTM A-653 WITH A G-90 COAT.

   16, 14, 12 & 10 GA. — ASTM A-653 (STRUCTURAL) WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI. GALVANIZED MEMBERS SHALL CONFORM TO ASTM A-653 WITH A G-90 COAT.

2. FABRICATION AND ERECTION OF ALL LIGHT GAGE STEEL FRAMING MEMBERS SHALL CONFORM TO 2016 C.B.C. SECTION 2211. THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS SHALL COMPLY WITH NAS-01: NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, INCLUDING LATEST SUPPLEMENTS.

3. WELDING OF ALL LIGHT GAGE STUDS, JOISTS AND ACCESSORIES THAT ARE NOT GALVANIZED SHALL BE PRIMED WITH ONE (1) COAT OF RUST INHIBITIVE PAINT.

4. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

5. FRAMING COMPONENTS MAY BE PREASSEMBLED INTO PANELS PRIOR TO ERECTION. PREFABRICATED PANELS SHALL HAVE COMPONENTS ATTACHED IN A MANNER AS TO PREVENT RACKING OF THE PANEL AND TO PREVENT DISTORTION IN ANY MEMBER.

6. TRACKS SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE AS SHOWN ON THE DRAWINGS. AT TRACK BUTT JOINTS, ABUTTING PIECES OF TRACK SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT OR THEY SHALL BE BUTT WELDED OR SPLICED TOGETHER.

7. STUDS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO THE FLANGE OR WEBS OF BOTH UPPER AND LOWER TRACKS.

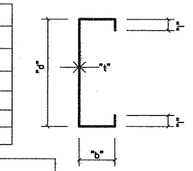
8. WALL STUD BRIDGING SHALL BE ATTACHED IN A MANNER TO PREVENT STUD ROTATION. BRIDGING ROWS SHALL BE SPACED ACCORDING TO THE LIGHT GAGE STEEL MANUFACTURER'S REQUIREMENTS, BUT NOT GREATER THAN 8'-0" ON CENTER.

9. TEMPORARY BRACING OF ALL WALL PANELS SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.

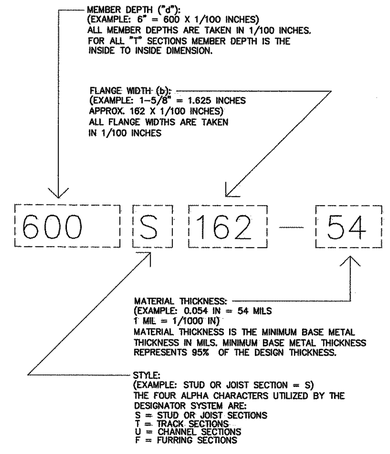
10. ALL MEMBER TO MEMBER CONNECTIONS SHALL BE MADE WITH A MINIMUM TWO (2) #8 SCREWS WITH 7/16" DIAMETER PAN WASHER HEADS BY 1/2" LONG, UNLESS NOTED OTHERWISE. A 1/16" FILLET WELD BY 3/4" LONG MAY BE SUBSTITUTED FOR SCREWS AT THE CONTRACTOR'S OPTION.

METAL JOIST AND STUD SECTION PROPERTIES

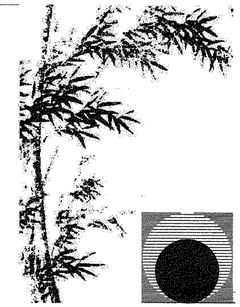
DESIGN STIFFENING LIP LENGTH ("l")		
SECTION	FLANGE WIDTH	LIP LENGTH ("l")
S125	1-1/4"	0.188
S137	1-3/8"	0.375
S162	1-5/8"	0.500
S200	2"	0.625
S250	2-1/2"	0.625



THICKNESS - STEEL COMPONENTS		
MIN. THICKNESS (MILS)	"t" (IN.)	REF. GAGE
18	0.0188	25
27	0.0283	22
30	0.0312	20 (DRYWALL)
33	0.0346	20 (STRUCTURAL)
43	0.0451	18
54	0.0566	16
68	0.0713	14
97	0.1017	12
127	0.1345	10



NOTES:
1. SECTIONS NOTED ARE DERIVED FROM ICC REPORT NO. 4943P BY THE "STEEL STUD MANUFACTURER'S ASSOC."
2. ALL 18, 27, 30, 33 & 43 MIL SECTIONS ARE TO HAVE A YIELD STRENGTH OF Fy=33KSI
3. ALL 54, 68, 97 & 127 MIL SECTIONS ARE TO HAVE A YIELD STRENGTH OF Fy=50KSI



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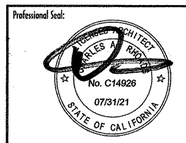


Consultant:

Drawing Status:

Contract Document

Revision Summary:

Project:

New Dispatch Center
Tulare County Sheriff & Fire

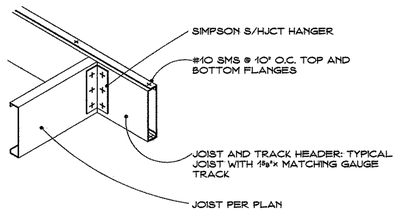
5300 West Tulare Avenue
Visalia, California

Sheet Description:

Structural Notes

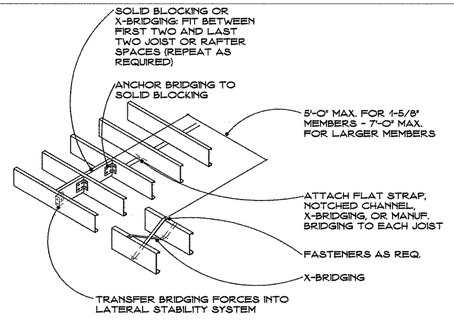
Date:	08/08/20
Project:	19-700
Scale:	None
Sheet No.:	S1.1

OF 4 Sheets



12 JOIST HEADER

NO SCALE

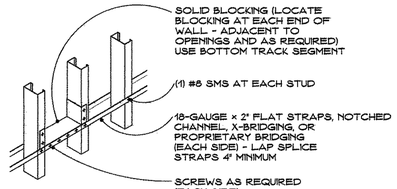


NOTE: IF SHEATHING IS NOT INSTALLED ON MEMBERS, BRIDGING IS REQUIRED ON BOTH FLANGES

10 JOIST/RAFTER BRIDGING

NO SCALE

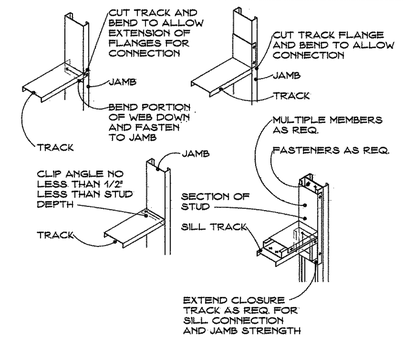
NOTE: EXCEPT AT BRACED WALLS, BRIDGING IS NOT REQUIRED WHEN GYPSUM BOARD, CEMENT BOARD, OR SHEATHING IS FASTENED TO BOTH SIDES



NOTE: NUMBER OF ROWS OF BRIDGING AS REQUIRED BY DESIGN

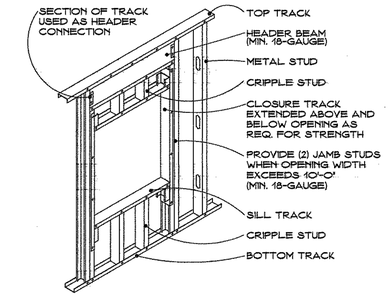
8 TYPICAL WALL BRIDGING

NO SCALE



4 TYPICAL SILL CONNECTIONS

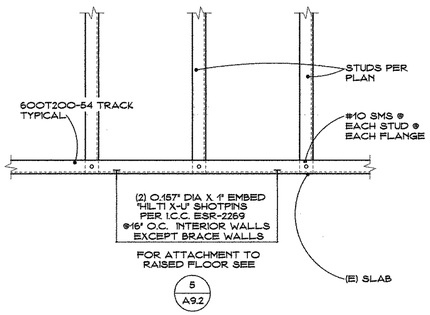
NO SCALE



REFER TO (13) FOR FLOOR ANCHORAGE

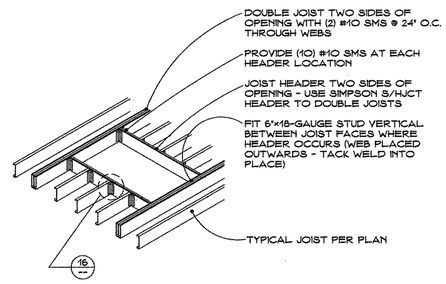
1 TYPICAL WINDOW OPENING

NO SCALE



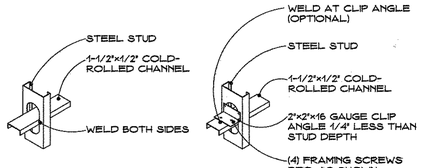
13 TYPICAL FLOOR ANCHORS

NO SCALE



11 JOIST OPENING

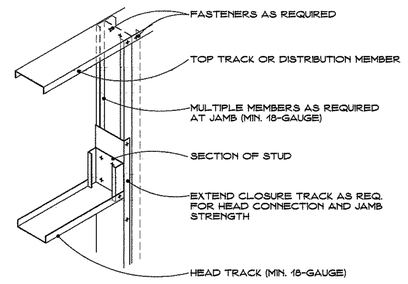
NO SCALE



NOTE: CHANNELS TO BE SPACED AS REQUIRED BY DESIGN

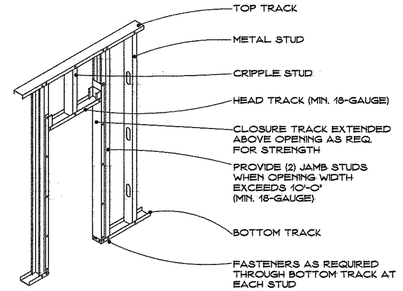
9 LATERAL WALL BRACING

NO SCALE



5 TYPICAL HEADER

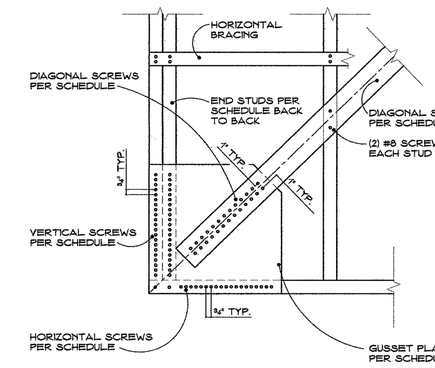
NO SCALE INTERIOR PARTITIONS

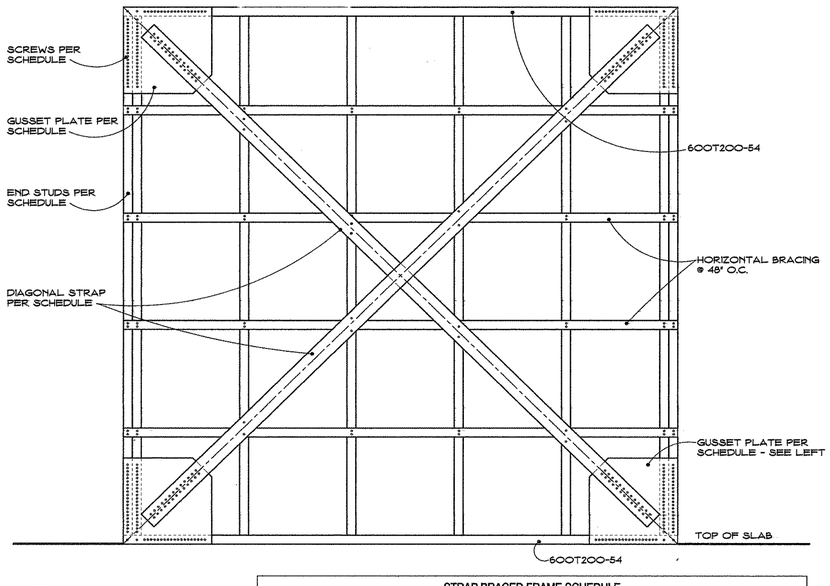


REFER TO (13) FOR FLOOR ANCHORAGE

2 TYPICAL DOOR OPENING

NO SCALE





NOTES

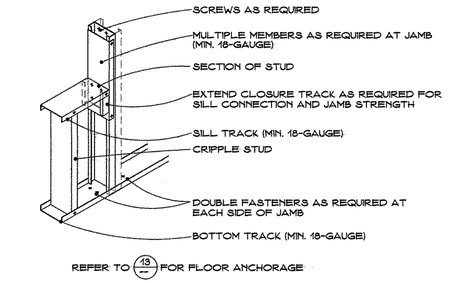
1. ALL STRAP BRACED FRAMES HAVE STUDS @ 16" O.C. AND BRACING @ 48" O.C.

STRAP BRACED FRAME SCHEDULE

PANEL TYPE	STRAP GAGE	STRAP WIDTH	GUSSET PLATE GAGE	SCREWS SIZE	SCREWS NO. DIAG.	SCREWS NO. HORIZ.	SCREWS NO. VERT.	BOTTOM TRACK ANCHORAGE	END STUDS NO. REQ'D.	END STUDS TYPE	HOLDOWN TYPE	HOLDOWN ANCHOR DIA.	HOLDOWN EMBED. LENGTH
B-1	16	3"	18	#12	16	12	12	(2) 0.157" DIA. x 1" EMBED HILTI X-U SHOTPINS @ 6" O.C.	2	600S200-68	-	-	-

14 TYPICAL STRAP BRACED WALL

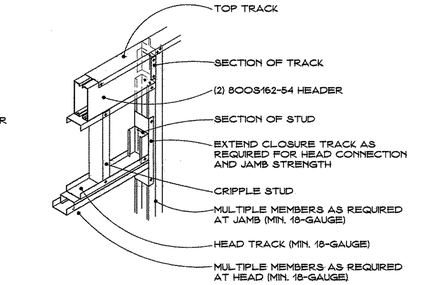
NO SCALE



REFER TO (13) FOR FLOOR ANCHORAGE

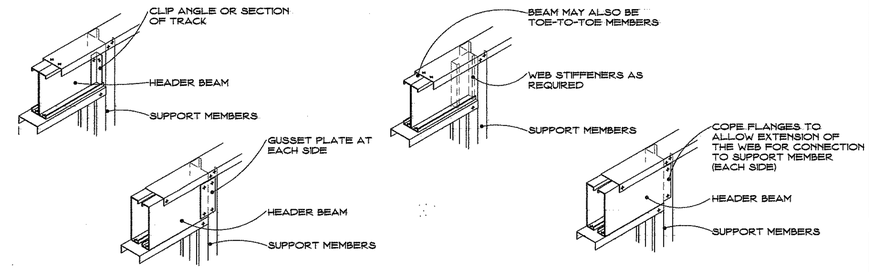
6 TYPICAL SILL

NO SCALE



3 TYPICAL HEADER

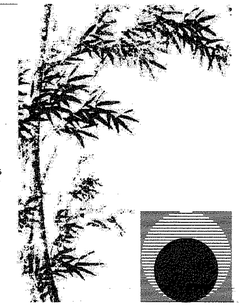
NO SCALE LOAD BEARING



NOTE: ALL JAMB AND HEADER MEMBERS SHALL BE MINIMUM 18-GAUGE

7 TYPICAL HEADER CONNECTIONS

NO SCALE



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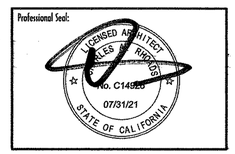
Professional Seal:



Consultant:

Drawing Status:

Contract Document

Revision Summary:

Project:

New Dispatch Center
Tulare County Sheriff & Fire
5300 West Tulare Avenue
Visalia, California

Sheet Description:

Structural Standard Details

Date:	08/08/20
Project:	19-700
Scale:	None
Sheet No.:	S1.2

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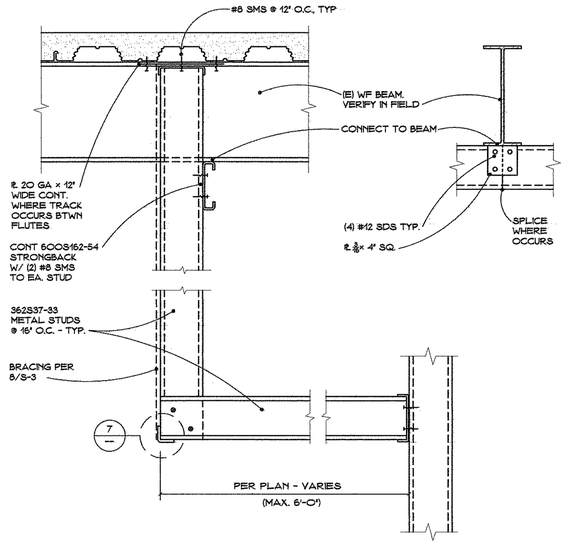
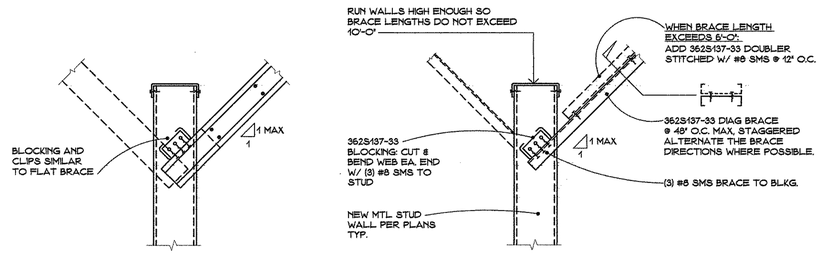
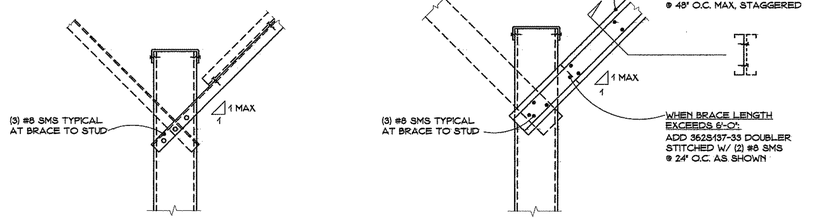


6 FASCIA/SOFFIT FRAMING

NO SCALE



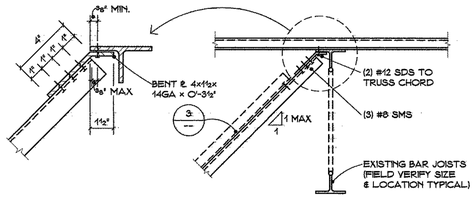
WHERE BRACE FALLS BETWEEN STUDS



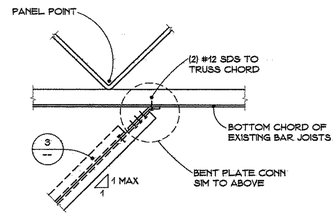
TYPICAL BRACE TO STUD

3 NON-BEARING WALL BRACE

NO SCALE



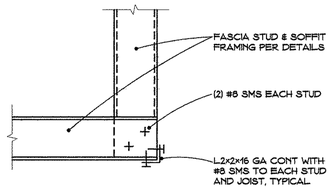
BRACE PERPENDICULAR TO TRUSS



BRACE PARALLEL TO TRUSS

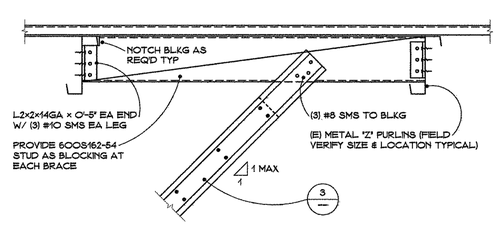
1 BRACE TO (E) TRUSS

NO SCALE

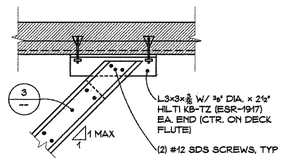


7 FASCIA/SOFFIT CORNER

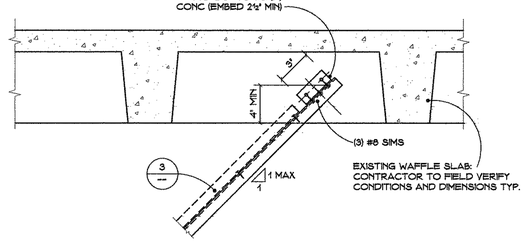
NO SCALE



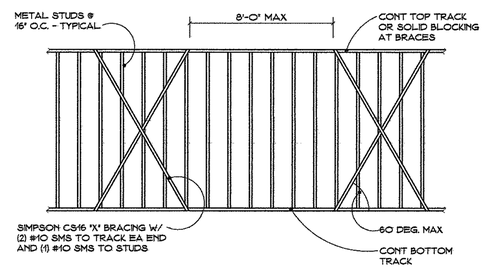
BRACE PERPENDICULAR TO PURLIN



BRACE PARALLEL TO FLUTES

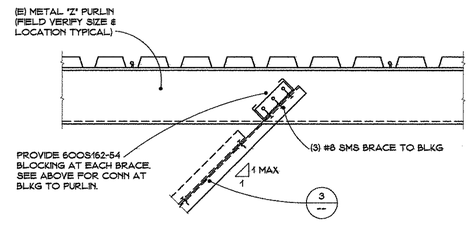


BRACE PARALLEL TO WEB

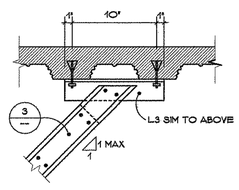


8 FASCIA/SOFFIT BRACING

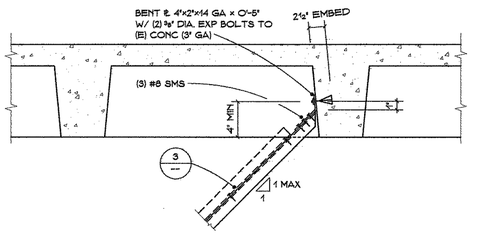
NO SCALE



BRACE PARALLEL TO PURLINS



BRACE PERPENDICULAR TO FLUTES



BRACE PERPENDICULAR TO WEB

5 BRACE TO (E) 'Z' PURLIN

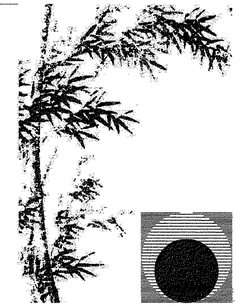
NO SCALE

4 BRACE TO (E) FLOOR DECK

NO SCALE

2 BRACE TO (E) WAFFLE SLAB

NO SCALE



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Professional Seal:

LICENSED ARCHITECT
CHARLES A. RHOADS
No. C14926
07/31/21
STATE OF CALIFORNIA

Consultant:

Drawing Status:

Contract Document

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New Dispatch Center
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Structural Details

Date:	08/08/20
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Scale:	None
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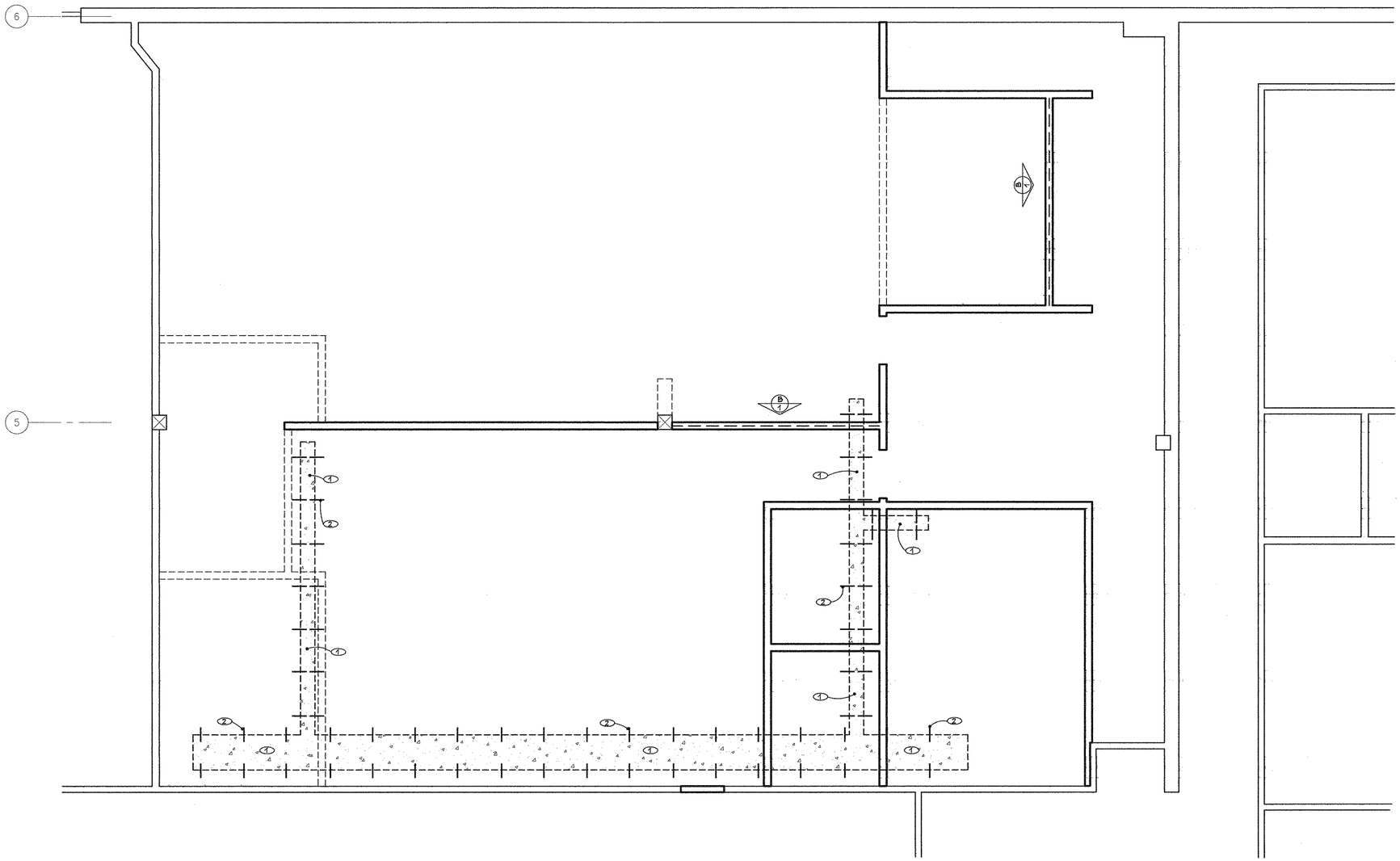
WALL KEY

- (E) BUILDING WALL
- (N) METAL STUD WALL
- B/1 — PORTION OF (N) METAL STUD WALL SERVING AS STRAP BRACED FRAME - REFER TO 14/S12
- (N) METAL STUD WALL ATTACHED ATOP RAISED ACCESS FLOOR SYSTEM

KEY NOTES (THIS SHEET ONLY)

1. SAW CUT AND REMOVE PORTION OF (E) CONCRETE SLAB - VERIFY WITH PLUMBING - BACKFILL WITH MOIST SAND AND COMPACT TO 95% - PATCH WITH (N) CONCRETE OF SAME THICKNESS AND HOLD ALL EDGES LEVEL WITH (E) FLOOR - VERIFY THAT SAW CUTS DO NOT DAMAGE (E) FOOTINGS
2. #4x12" DOWELS WHERE SHOWN - CORE (E) SLAB 6" AND EMBED USING SIMPSON 'SET' EPOXY - NO TESTING REQUIRED



STRUCTURAL PLAN

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

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Structural Plan

Date:	08/08/20
Project:	19-700
Scale:	1/4" = 1'
Sheet No.:	S2

OF 4 Sheets