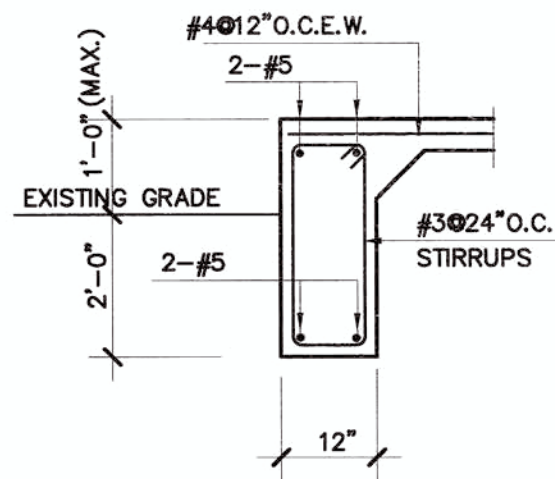
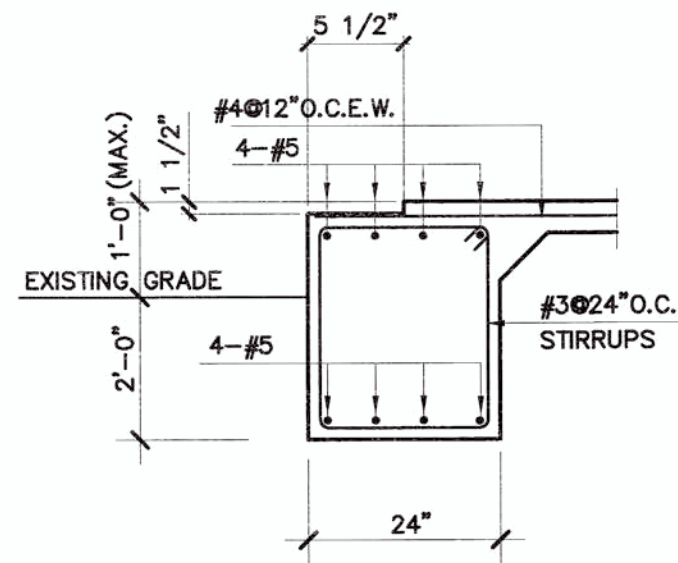




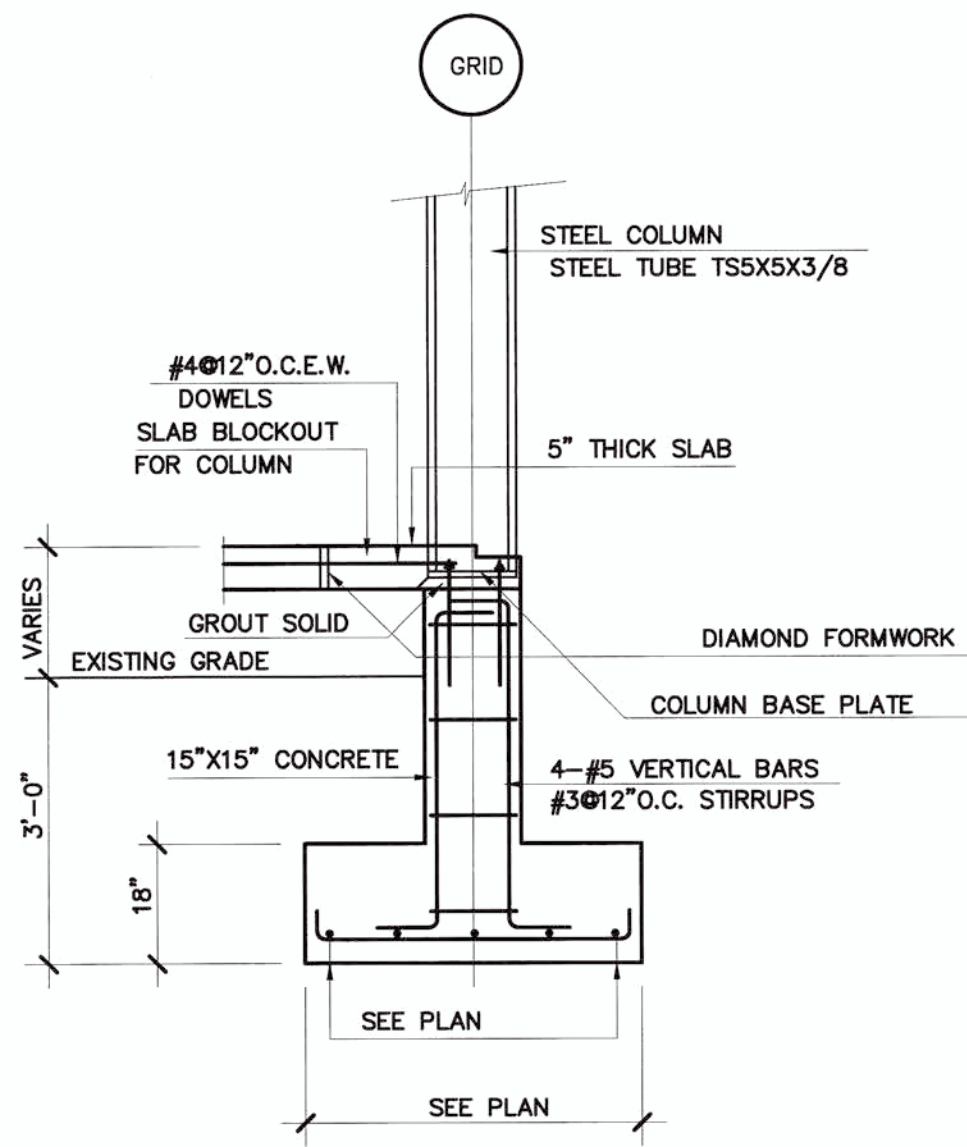
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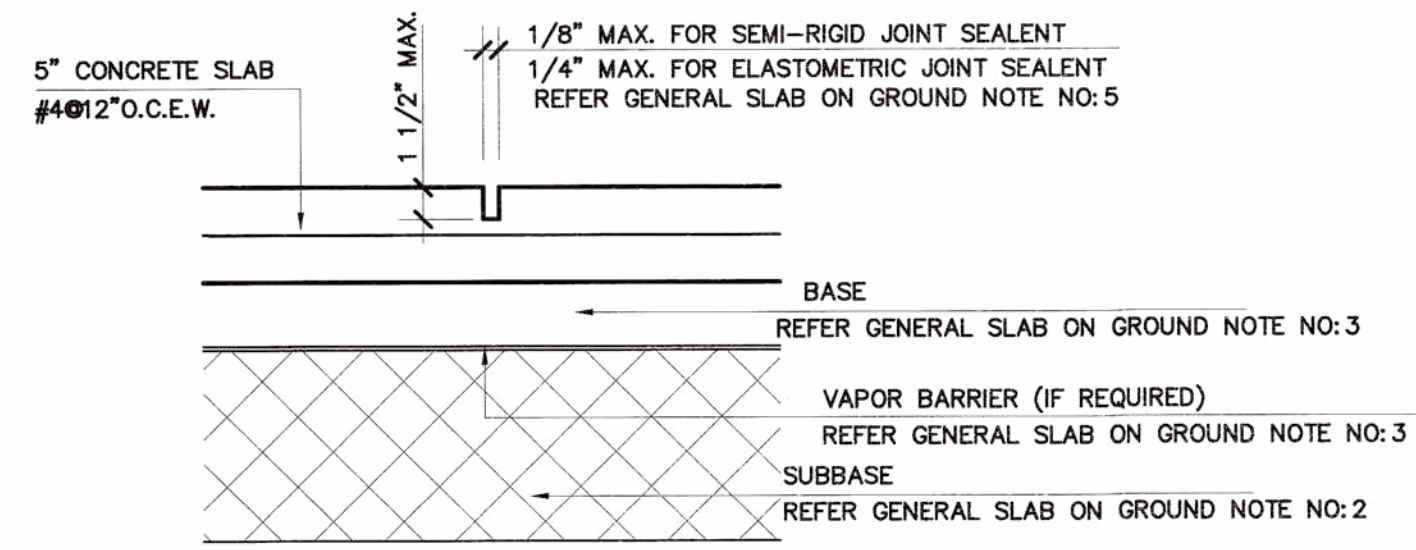
1 SECTION
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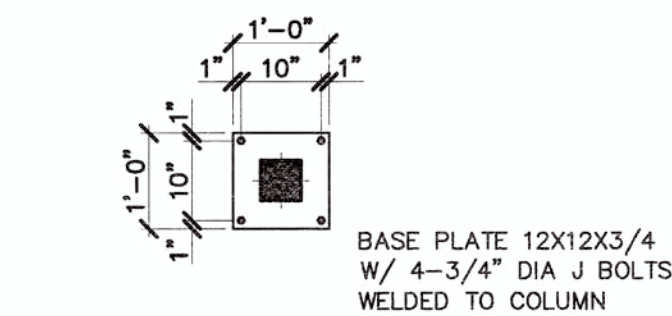
2 SECTION
SCALE 1/2"=1'-0"



4 SECTION
SCALE 1/2"=1'-0"



5 SECTION
SCALE 1/2"=1'-0"



6 BASE PLATE PLAN
SCALE 1/2"=1'-0"

- SLAB ON GROUND:
1. SOIL SUPPORT SYSTEM : THE SOIL SUPPORT SYSTEM SHOULD BE WELL DRAINED AND PROVIDE ADEQUATE AND UNIFORM LOAD-BEARING SUPPORT.
 2. BASE MATERIAL : THE MATERIAL SHOULD BE A COMPACTIBLE, EASY-TO-TRIM, GRANULAR FILL THAT WILL REMAIN STABLE AND SUPPORT CONSTRUCTION TRAFFIC. A CLEAN, FINE-GRADED MATERIAL WITH AT LEAST 10 PERCENT TO 30 PERCENT OF PARTICLES PASSING A NO.100 SIEVE BUT NOT CONTAMINATED WITH CLAY, SILT, OR ORGANIC MATERIAL IS RECOMMENDED.
 3. VAPOR BARRIER: IF A VAPOR BARRIER OR VAPOR RETARDER IS REQUIRED DUE TO LOCAL CONDITIONS, THESE PRODUCTS SHOULD BE PLACED UNDER A MINIMUM OF 4" OF TRIMABLE, COMPACTIBLE, GRANULAR FILL (NOT SAND). A USUALLY GRADED FROM 1 1/2" TO 2" DOWN TO ROCK DUST, IS SUITABLE. FOLLOWING COMPACTION, THE SURFACE CAN BE CHOCKED OFF WITH A FINE GRADED MATERIAL TO REDUCE FRICTION BETWEEN THE BASE MATERIAL AND THE SLAB. THE RECOMMENDED POLYETHYLENE FILM A THICKNESS OF NOT LESS THAN 10 MILS BE USED.
 4. SAW-CUT JOINTS: THE RECOMMENDED SAW CUTTING SHOULD BE PERFORMED (i) BEFORE CONCRETE STARTS TO COOL, (ii) AS SOON AS THE CONCRETE SURFACE IS FIRM ENOUGH TO BE TORN OR DAMAGED BY THE BLADE, AND (iii) BEFORE RANDOM - DRYING - SHRINKAGE CRACKS CAN FORM IN THE CONCRETE SLAB. IF SAWING IS UNDULY DELAYED, THE CONCRETE CAN CRACK RANDOMLY BEFORE IT IS SAWED. ADDITIONALLY, DELAY CAN GENERATE CRACKS THAT RUN OFF FROM THE SAW BLADE TOWARD THE EDGE OF THE SLAB AT AN OBTUSE OR SKEWED ANGLE TO THE SAW CUT.
 5. JOINT FILLING : WHERE THERE ARE WET CONDITIONS, HYGIENIC AND DUST-CONTROL REQUIREMENTS, OR WHERE THE FLOOR IS SUBJECTED TO TRAFFIC BY SMALL, HARD-WHEELED VEHICLES SUCH AS FORKLIFTS, CONTRACTION & CONSTRUCTION JOINTS SHOULD BE FILLED AND PROTECTED WITH A SEMIRIGID EPOXY THAT GIVES ADEQUATE SUPPORT TO THE JOINT EDGES AND HAS SUFFICIENT RESISTANCE TO WEAR.

Project :
BANDERA RETAIL CENTER
7706 BANDERA ROAD, SAN ANTONIO, TEXAS

30434

Title :
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08/28/2018
FIRM REGISTRATION F-4951

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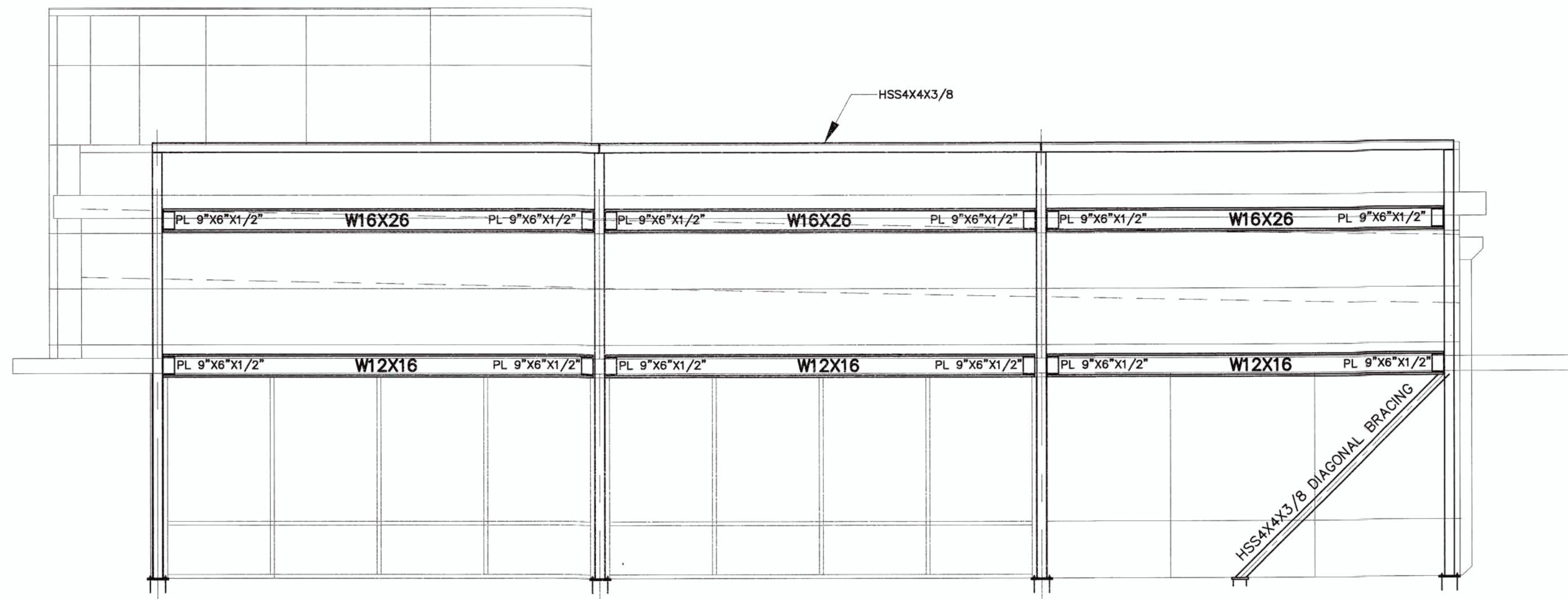
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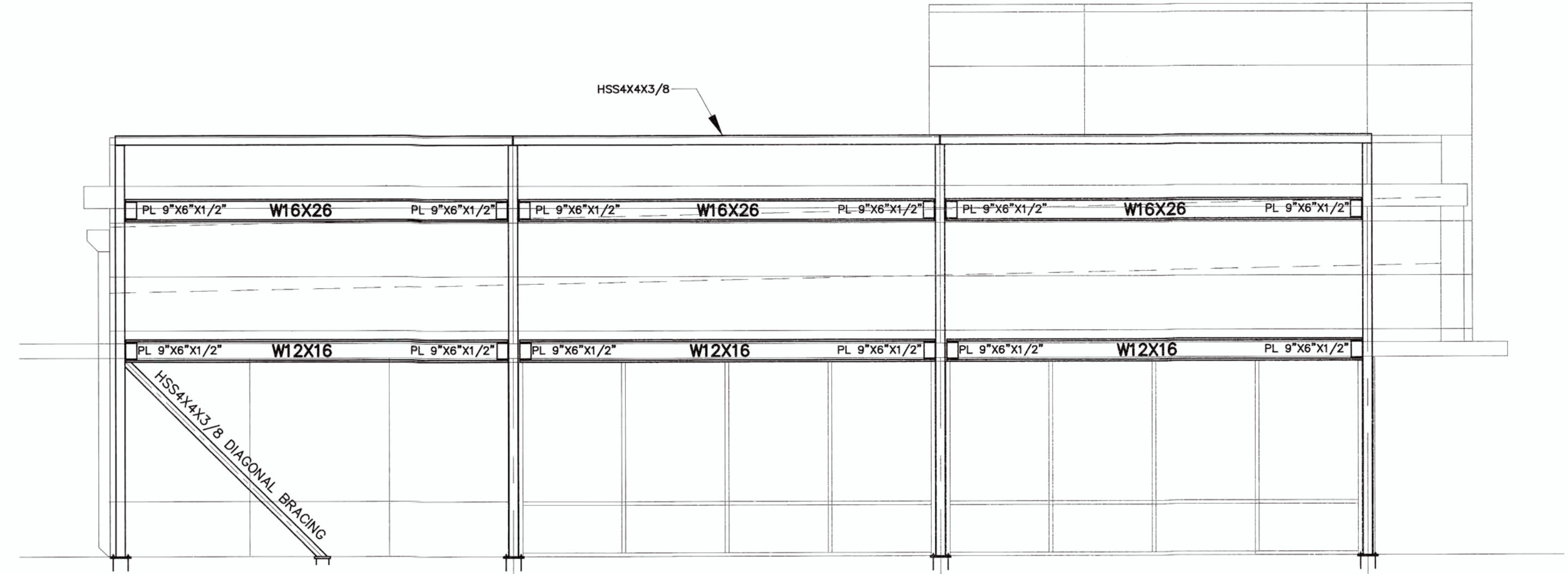




1
S8

STEEL FRAME ELEVATION ALONG GRID-10

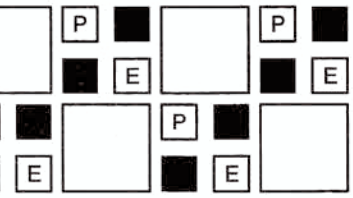
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S8

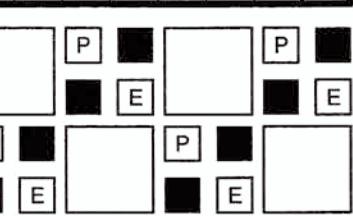
STEEL FRAME ELEVATION ALONG GRID-1

SCALE 1/8"=1'-0"

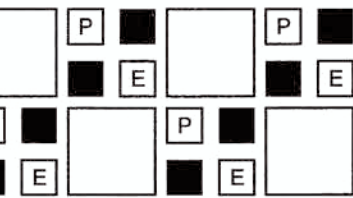
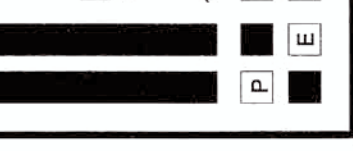


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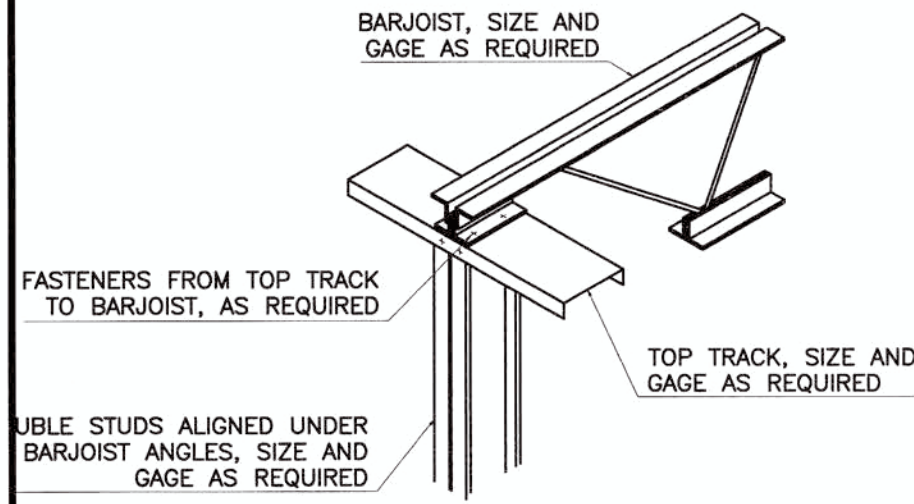
Rev.	Description	Date	Drawn
6			
5			
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0	ISSUED FOR APPROVAL	03/28/18	



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CONSULTING CIVIL AND STRUCTURAL ENGINEERS
12710 RESEARCH BLVD., SUITE 300, AUSTIN, TX 78759 | TEL: 412-238-4422 | FAX: 412-238-8905

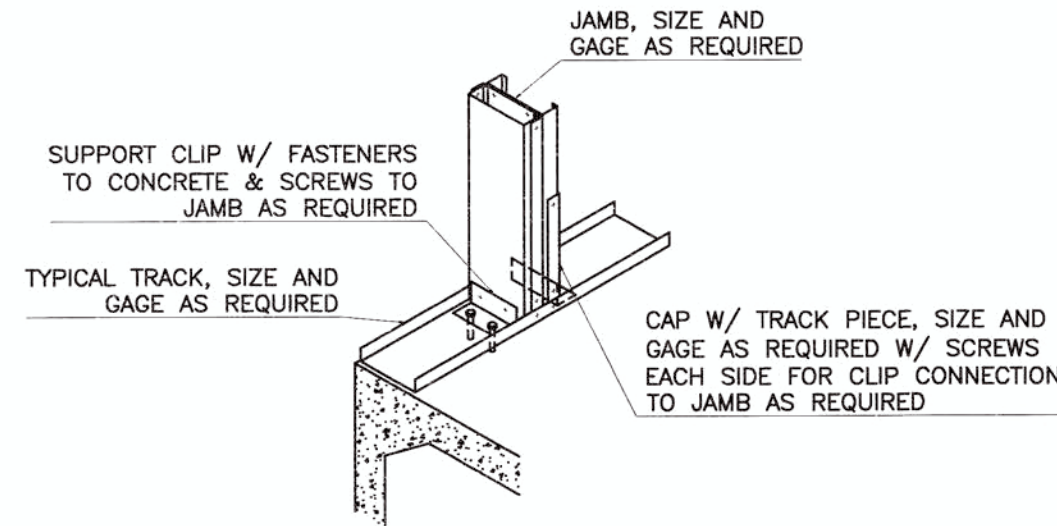


BARJOIST BEARING DETAIL



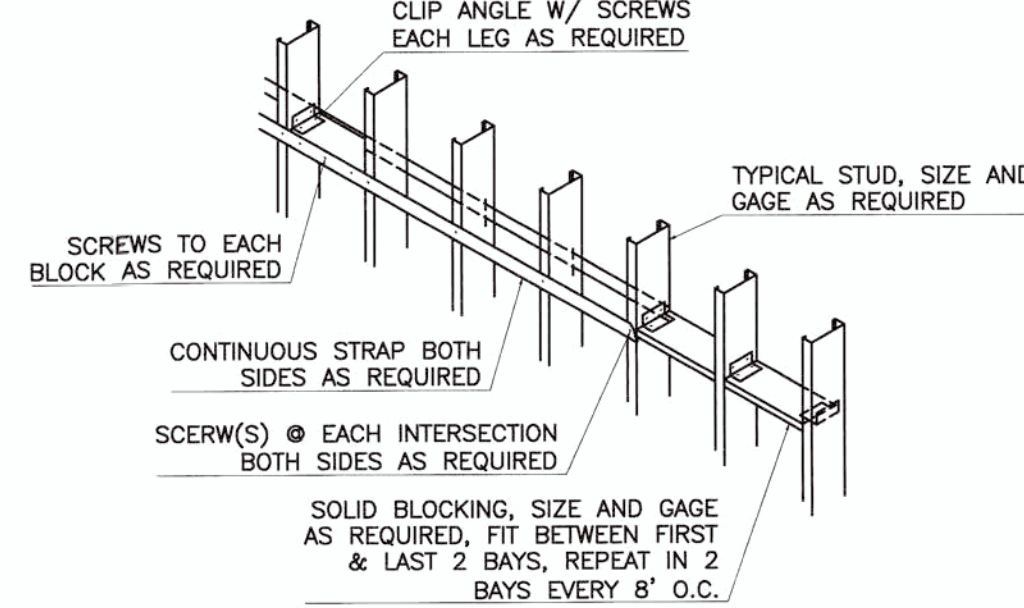
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BASE CONNECTION



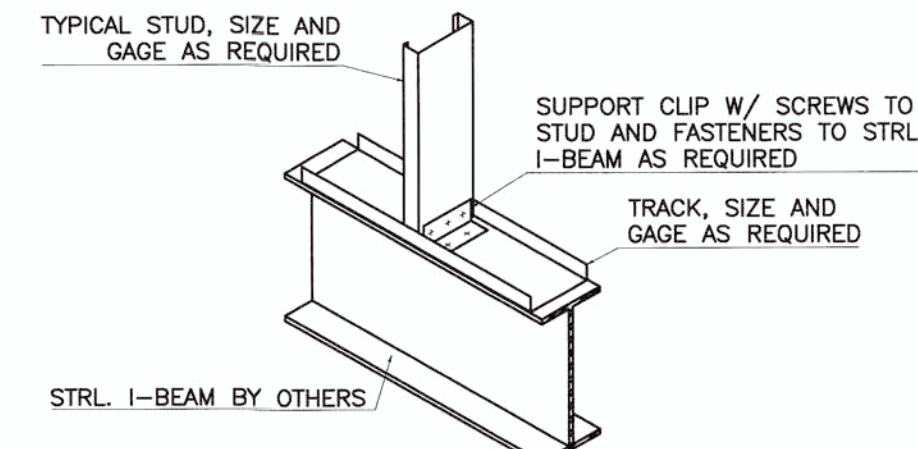
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BLOCK AND STRAP BRIDGING



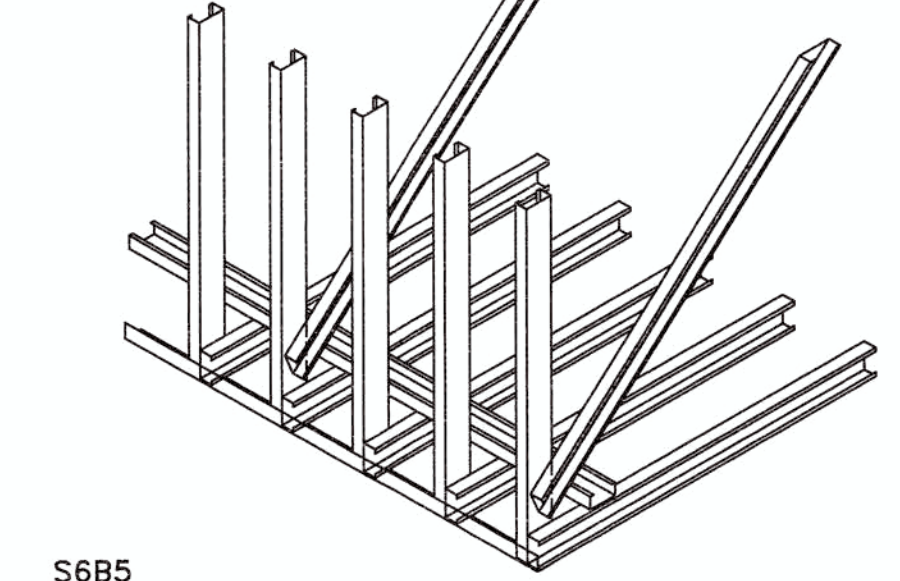
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CONNECTION TO STRL. I-BEAM

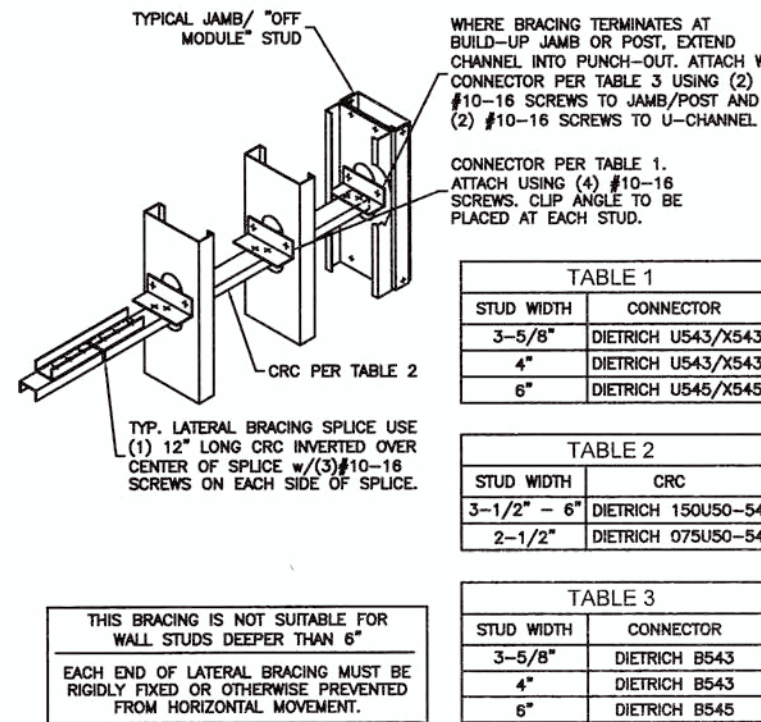


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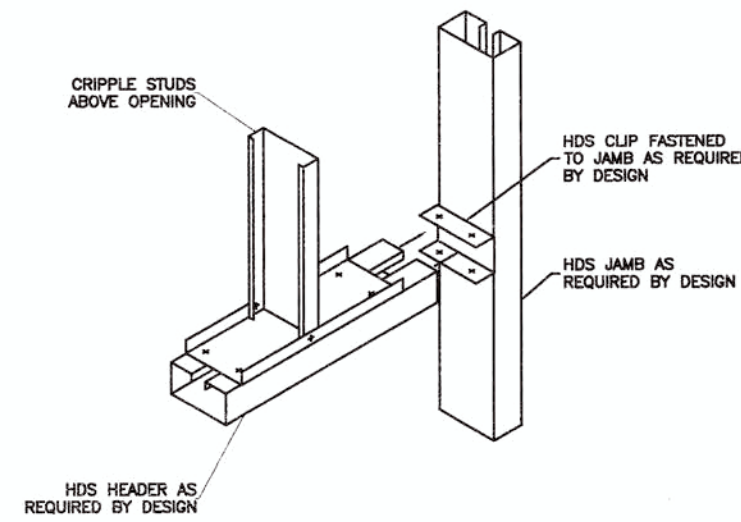
DETAIL AT KICKED WALL (WITH STRONGBACK)



S6B5

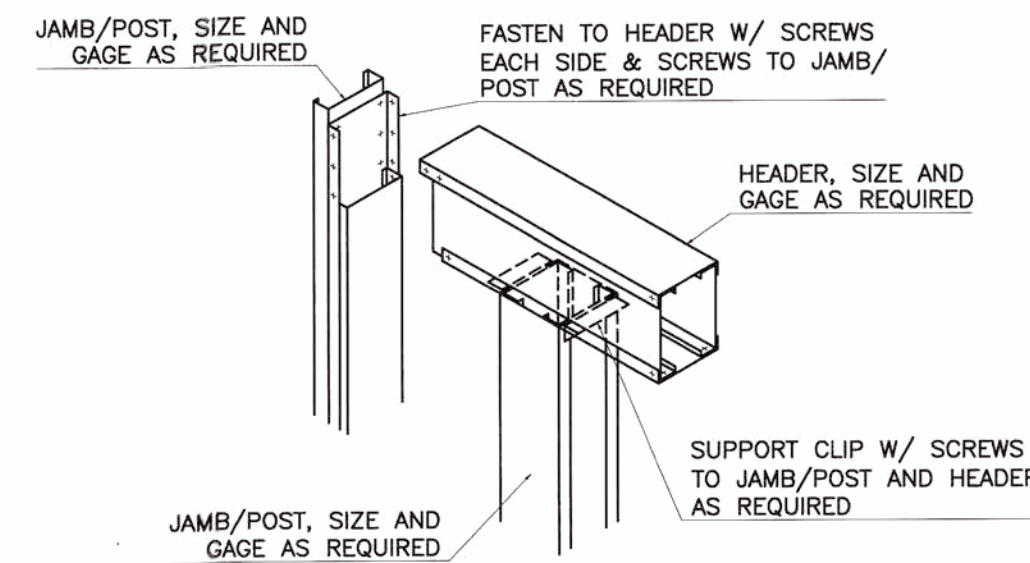


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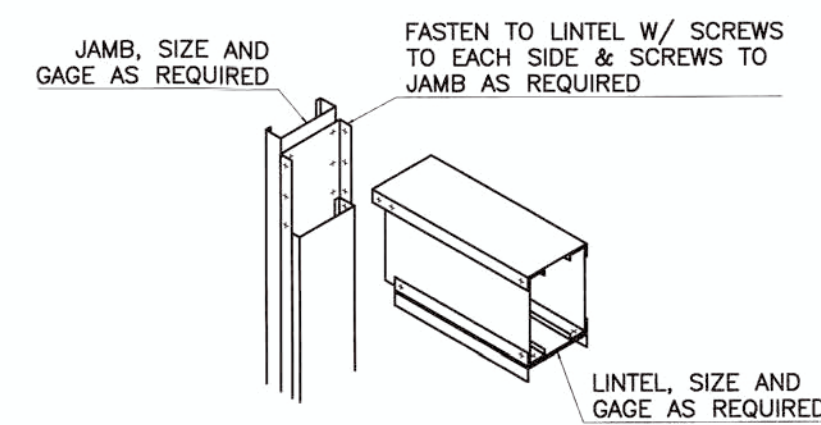
1 HDS CONNECTION

HEADER DETAIL



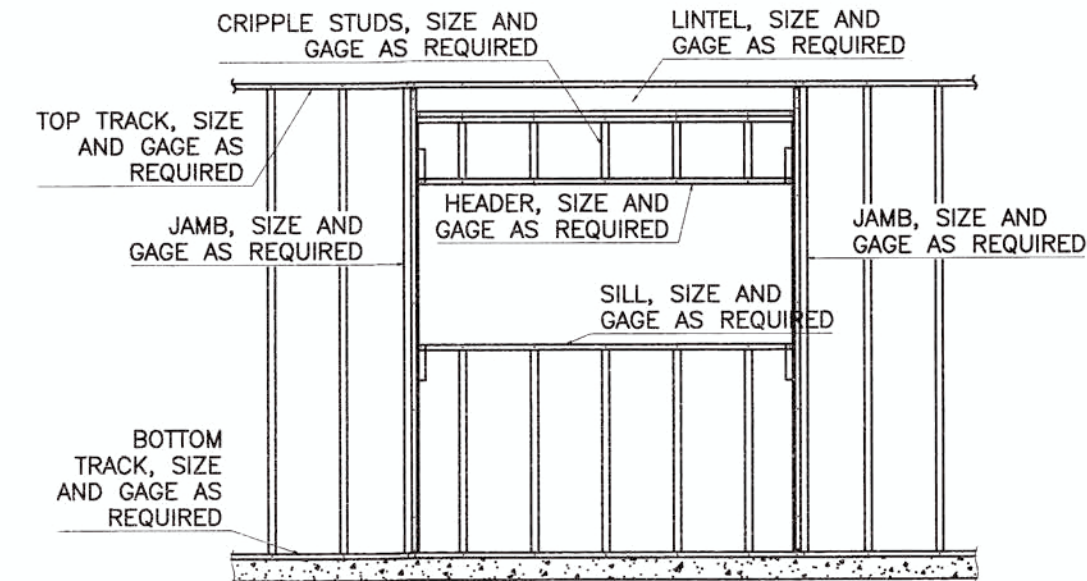
P8B

LINTEL DETAIL



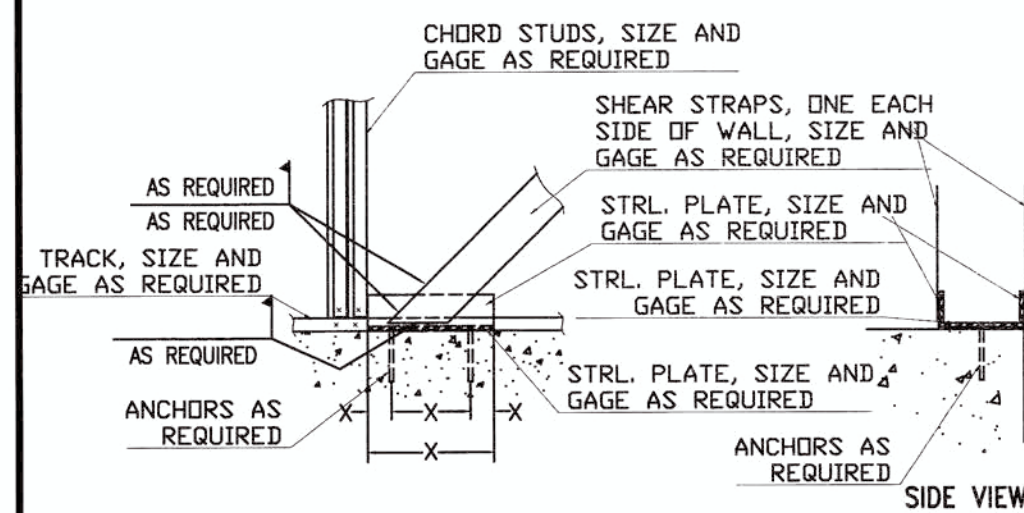
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LOAD-BEARING WINDOW OPENING



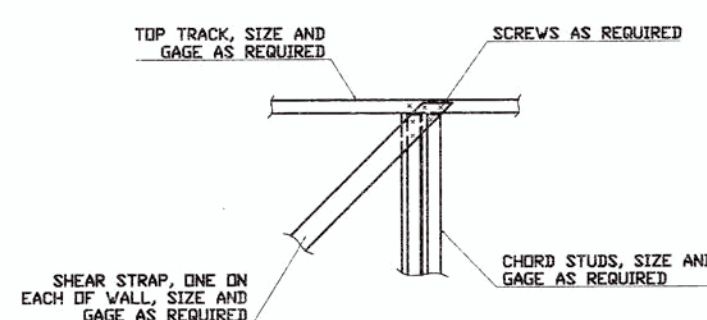
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SHEAR ANCHOR DETAIL AT BASE



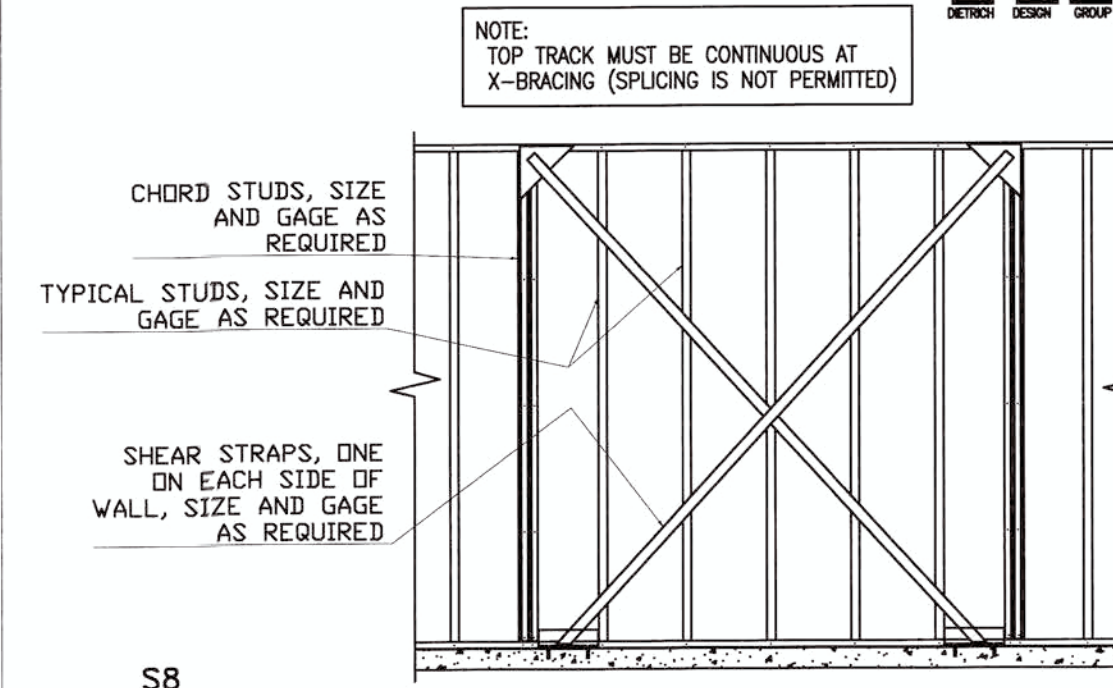
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SHEAR STRAP CONNECTION • TOP



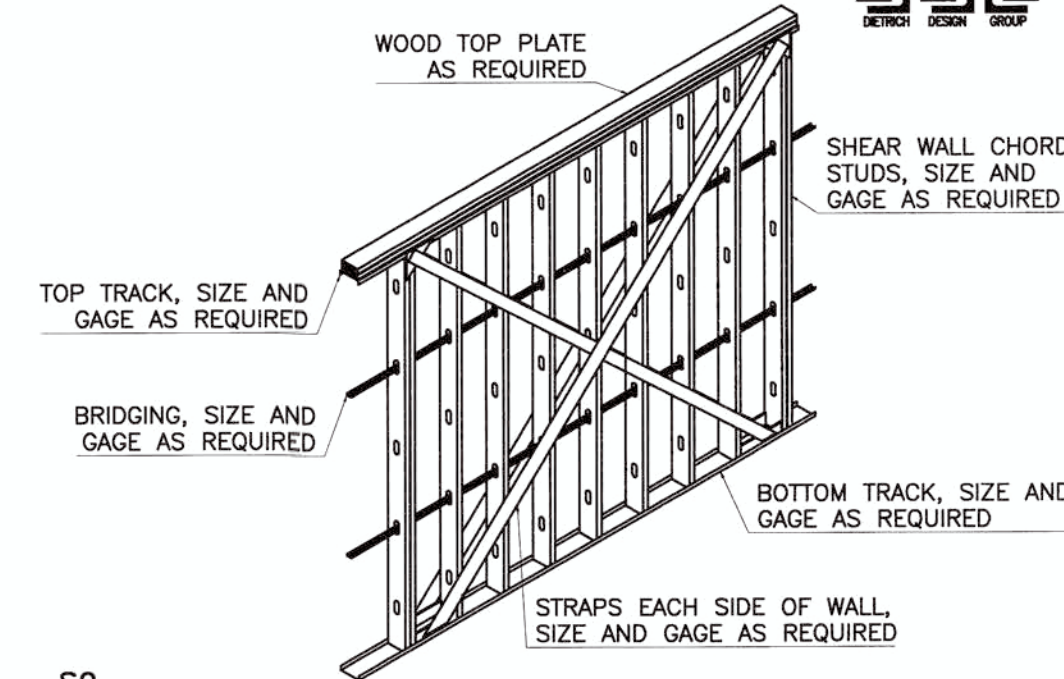
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SHEAR WALL ELEVATION

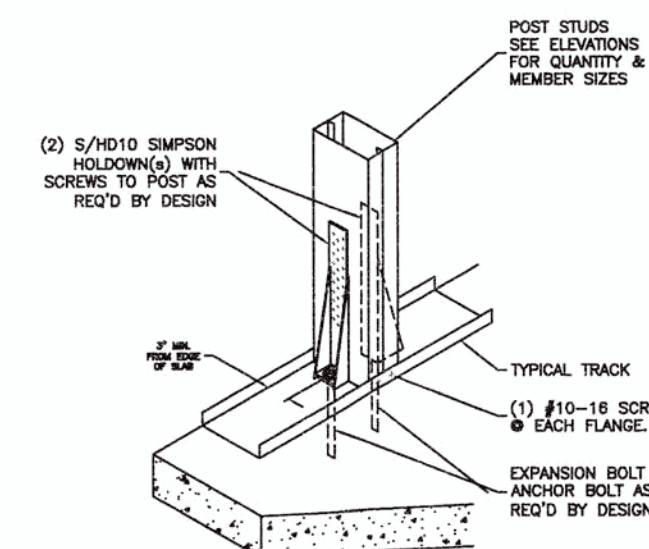


S8

SHEAR WALL ELEVATION



S9



1 POST ANCHORAGE

Project: **BANDERA RETAIL CENTER**
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39

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