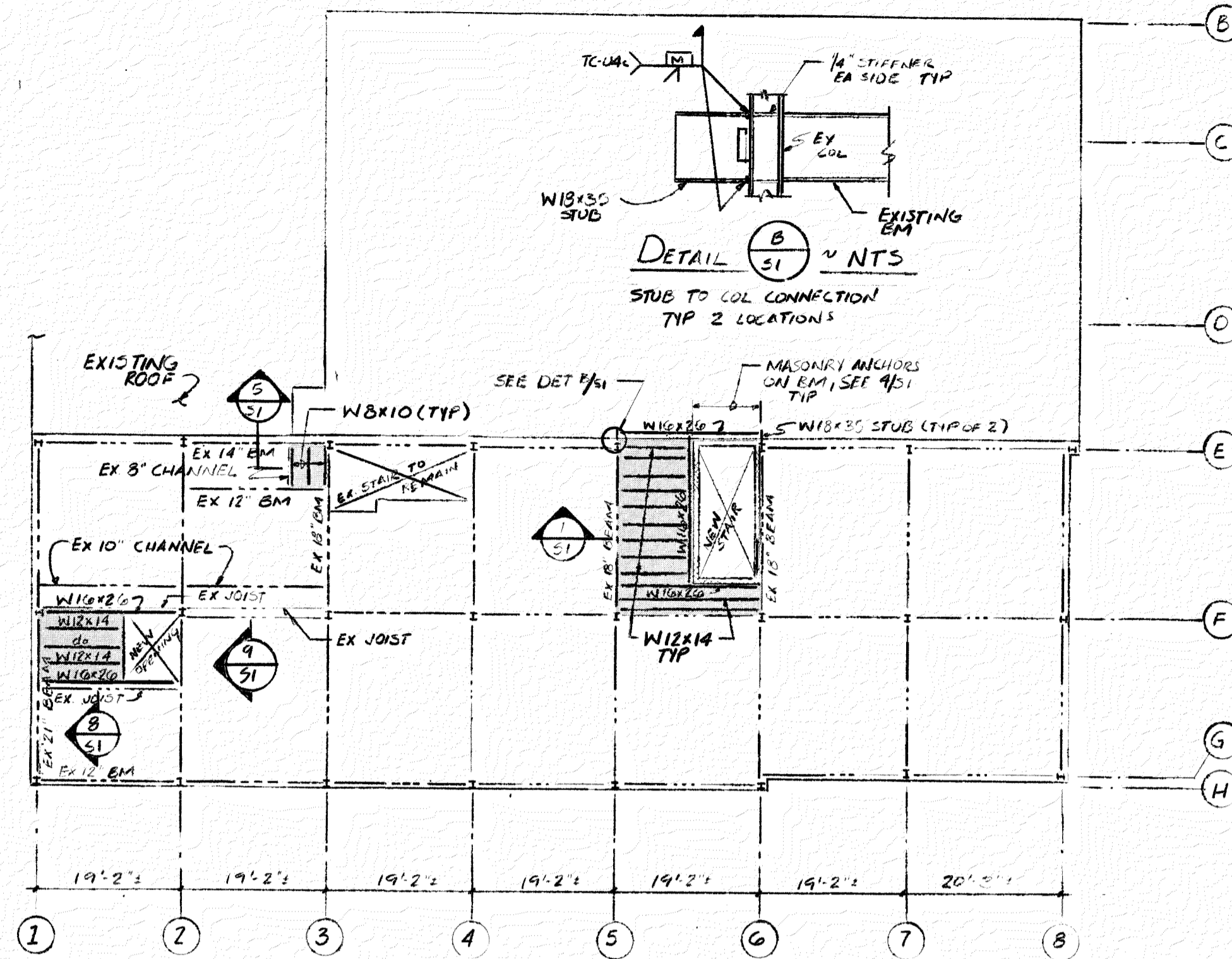


**GROUND LEVEL FRAMING PLAN ~ 1/16" = 1'-0"**

- EXISTING FRAMING IS NOTED - - - - - THUS ON PLAN
- EXISTING BAR JOISTS ARE TYPICALLY NOT SHOWN FOR CLARITY
- SHADED AREA INDICATES NEW CONCRETE SLAB ON 3/16" 28 GA GALVANIZED VES FORM DECK AS MANUFACTURED BY UNITED STEEL DECKING CO (OR APPROVED EQUAL) TOTAL SLAB THICKNESS 5" REINF WITH 6@10" WWM.
- ELEVATION TOP OF SLAB = EL 100.00'± (MATCH EXISTING)
- ELEVATION TOP OF NEW FRAMING = EL 104.53'±



**SECOND LEVEL FRAMING PLAN ~ 1/16" = 1'-0"**

- EXISTING FRAMING IS NOTED - - - - - THUS ON PLAN
- EXISTING BAR JOISTS ARE TYPICALLY NOT SHOWN FOR CLARITY
- SHADED AREA INDICATES NEW CONCRETE SLAB ON 3/16" 28 GA GALVANIZED VES FORM DECK AS MANUFACTURED BY UNITED STEEL DECKING CO (OR APPROVED EQUAL) TOTAL SLAB THICKNESS 4" REINF WITH 6@10" WWM.
- TOP OF SLAB = EL 115.00'± (MATCH EXISTING)
- ELEVATION TOP OF NEW FRAMING = EL 112.67'±

**FOUNDATIONS**  
A BEARING CAPACITY OF 2000 PSF WAS ASSUMED FOR FOOTING DESIGN.

**CONCRETE**  
ALL CONCRETE SHALL CONFORM TO ACI 301, ACI 318, ACI 315.  
CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.

**MATERIALS**

- CEMENT - ASTM C 150, TYPE I.
- AGGREGATES - ASTM C 39 ACI 301, ACI 211.1.  
CRUSHED AGGREGATE - SIZE #57.
- REINFORCING - ASTM A 615, GRADE 60.  
WELDED WIRE FABRIC - ASTM A 185.

**PROPORTIONING**

- ALL CONCRETE SHALL CONTAIN A MINIMUM OF 5.5 SACKS OF CEMENT/CU. YD.
- WATER CEMENT RATIO NOT TO EXCEED 0.5 GAL./SACK OF CEMENT.
- ALL CONCRETE SHALL HAVE SLIMPS IN ACCORDANCE WITH ACI 211.1, EXCEPT SLABS ON EARTH SHALL HAVE A 3-1/2" MAXIMUM SLIMP.
- ALL CONCRETE EXCEPT FOOTINGS SHALL CONTAIN WATER REDUCER PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL SUBMIT DESIGN MIX FOR ALL CLASSES OF CONCRETE PRIOR TO PLACING ANY CONCRETE.

**MASONRY**  
CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 145 AND C 90.  
MORTAR SHALL CONFORM TO ASTM C 270, TYPE S.  
ALL MASONRY WALLS SHALL BE CONTINUALLY REINFORCED WITH TRUSS TYPE DWR-O-WAL AT 16" MAXIMUM O.C. VERTICALLY.  
ALL BLOCKS SHALL BE SET IN FULL BEDS OF MORTAR INCLUDING CROSS WEBS. ALL BLOCKS SHALL HAVE CELLS WITH WEBS IN ALIGNMENT IN FINISHED WALL.

**STRUCTURAL STEEL**  
ALL STEEL SHALL BE ASTM A36, UNLESS NOTED.  
WELDING ELECTRODES: E70X (LOW HYDROGEN).  
HIGH STRENGTH BOLTS: ASTM A325.  
SHOP COAT ALL STEEL WITH APPROVED PRIMER.  
FABRICATION & ERECTION SHALL CONFORM TO AISC SPECIFICATIONS AND AWS D1.1.  
ALL WELDERS TO BE CERTIFIED BY AWS.

**METAL DECK**  
STEEL DECK - ASTM A 416, GRADE A.  
GALVANIZE - ASTM A 525, G 90 COATING.  
CONFORM TO STEEL DECK INSTITUTE SPECIFICATIONS.  
ATTACH DECK THROUGH 16 GA. WELDING WASHERS.  
PLACE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.  
FASTEN SLAB LAYS AT 3'-0".

**STEEL STAIRS**  
STEEL STAIRS AND LANDINGS SHALL BE DESIGNED FOR A LIVE LOAD OF 100 PSF.  
SUBMIT SHOP DRAWINGS AND SAMPLE COMPUTATIONS FOR REVIEW.

**EXISTING STRUCTURE**  
REMOVE ALL EXISTING STRUCTURES AS REQUIRED TO INSTALL NEW CONSTRUCTION.  
REBUILT BEAM BEARING, JAMBS, ETC. TO MATCH EXISTING AND IN ACCORDANCE WITH THE ARCHITECT'S APPROVAL. ANY EXISTING JOIST BRIDGING OR EXISTING MECHANICAL/ELECTRICAL WORK REMOVED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE REPLACED AFTER NEW CONSTRUCTION IS IN.

ALL SHORING, NEEDLING, UNDERPINNING, ETC. SHALL BE AS REQUIRED TO SUPPORT THE EXISTING STRUCTURE. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURE TO DETERMINE THE EXTENT OF NECESSARY SHORING, NEEDLING AND UNDERPINNING. THE CAPACITY AND METHOD USED FOR SHORING, NEEDLING AND UNDERPINNING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

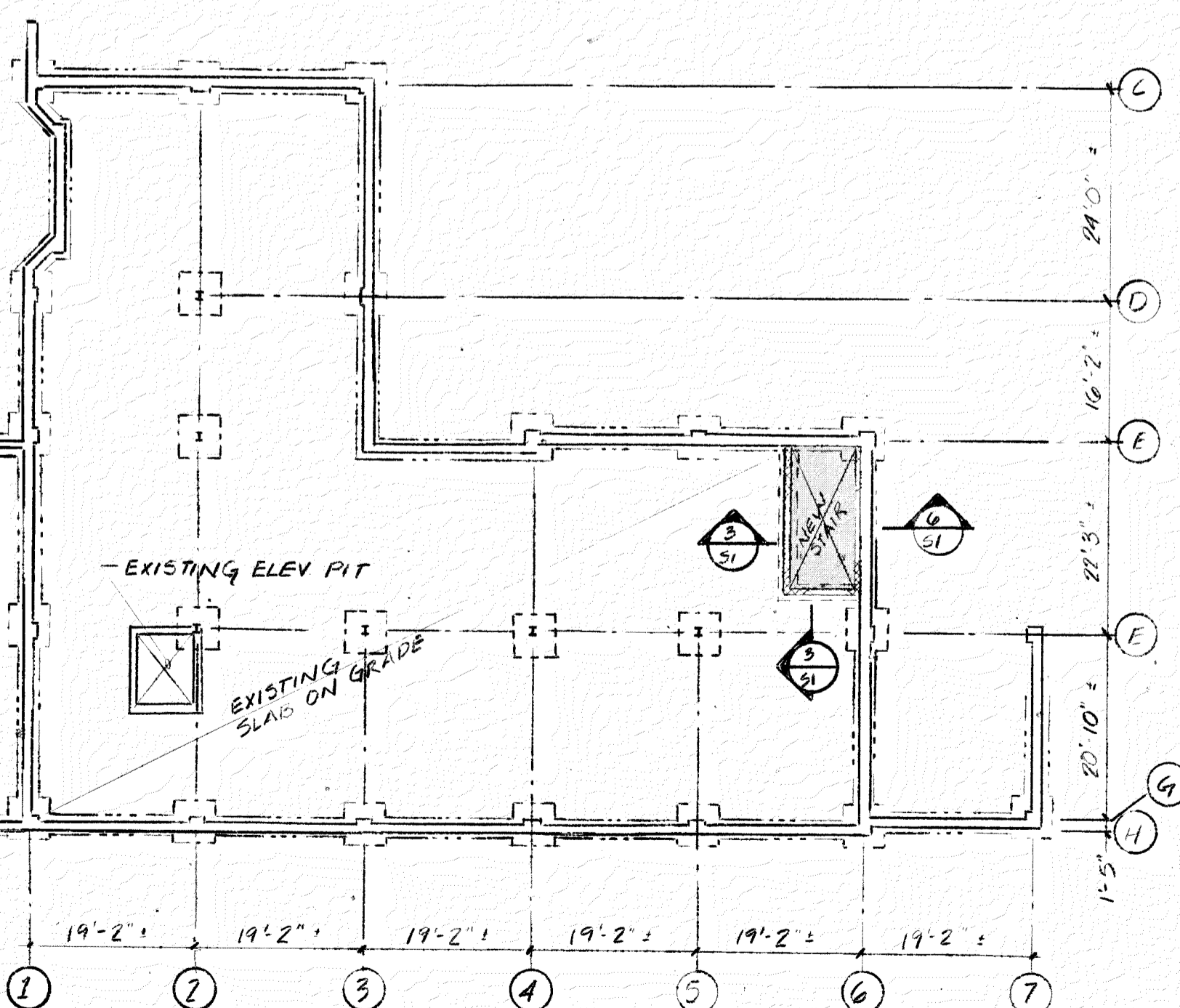
CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS INCLUDING DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING WORK AND SHALL REPAIR AND REPLACE TO ITS PRESENT CONDITION ANY DAMAGE OR INJURY CAUSED DURING DEMOLITION.

**SHOP DRAWINGS**  
SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW FOR THE FOLLOWING ITEMS:  
CONCRETE REINFORCING STEEL, STRUCTURAL STEEL, METAL DECK AND STEEL STAIRS.

THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

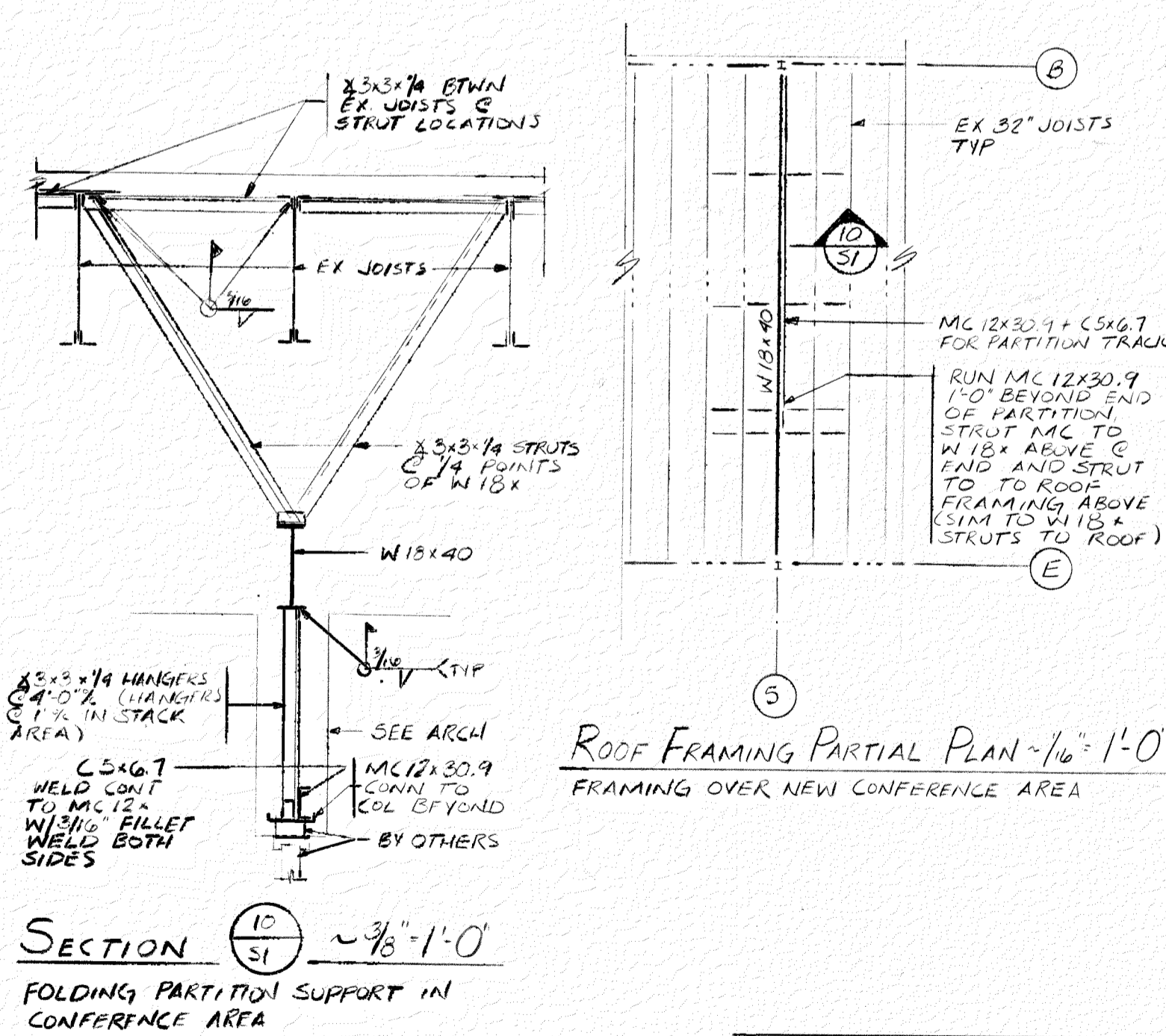
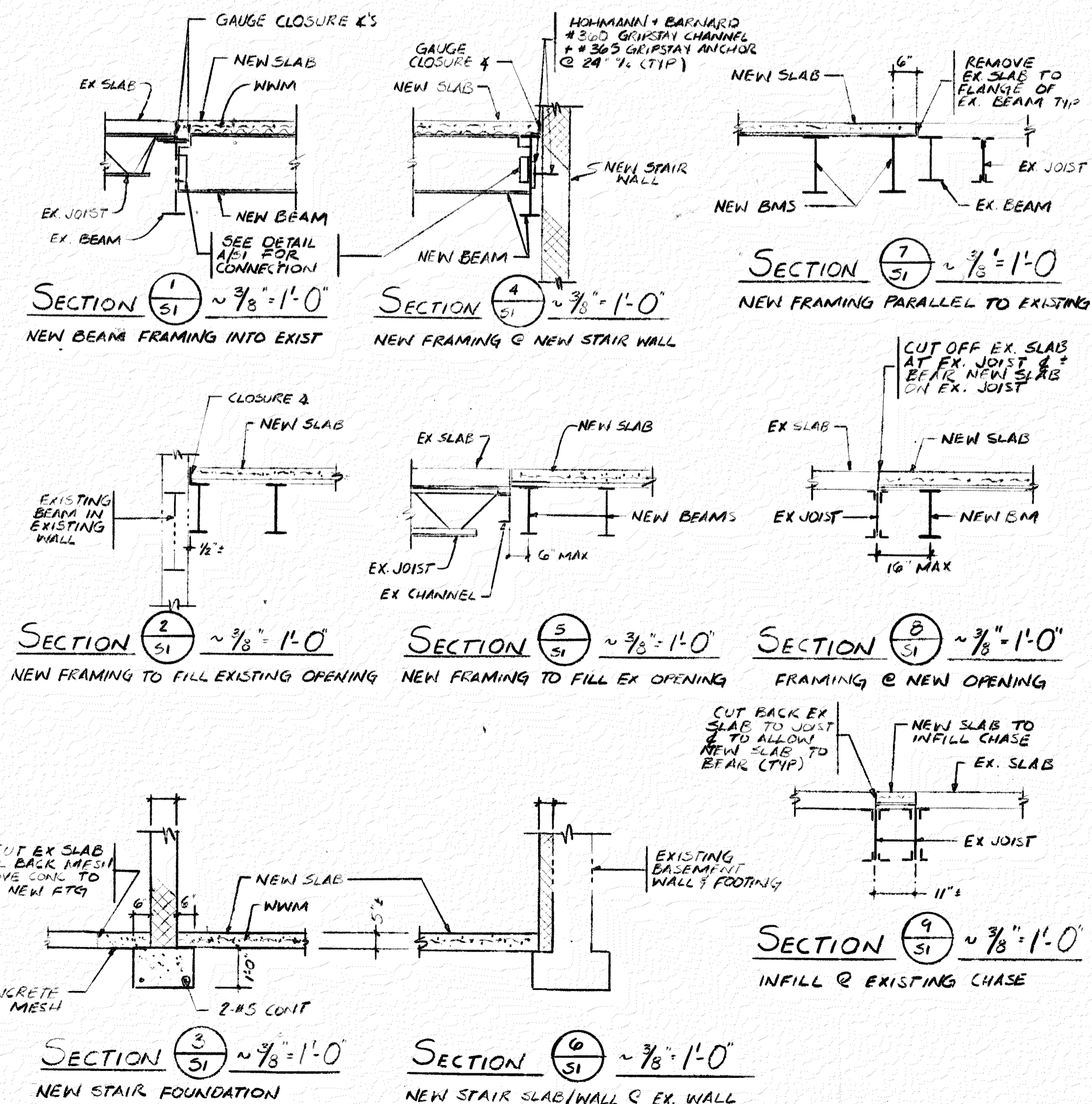
ANY WORK FABRICATED OR INSTALLED INCORRECTLY DUE TO THE CONTRACTOR'S LACK OF VERIFICATION SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

**INSPECTION**  
AN INDEPENDENT INSPECTION AGENCY, APPROVED BY THE ARCHITECT, SHALL INSPECT/MONITOR/TEST THE FOLLOWING ITEMS:  
CONCRETE  
STRUCTURAL STEEL, METAL DECK  
AND STEEL STAIRS



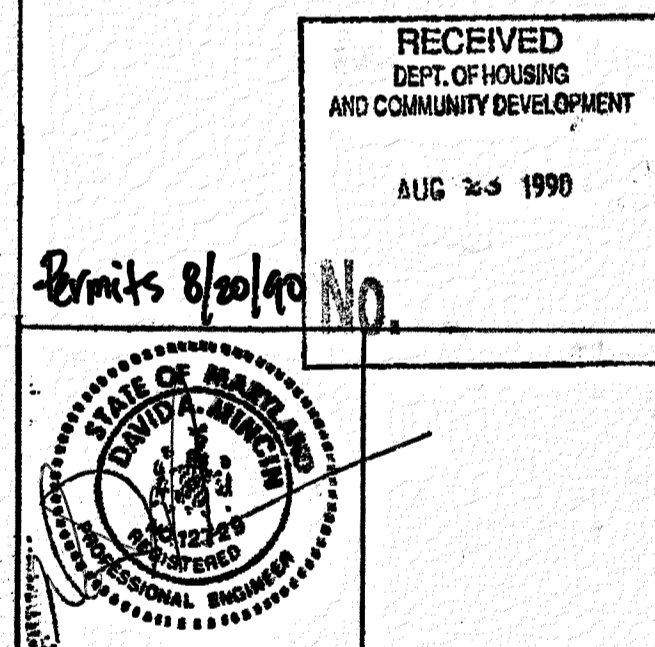
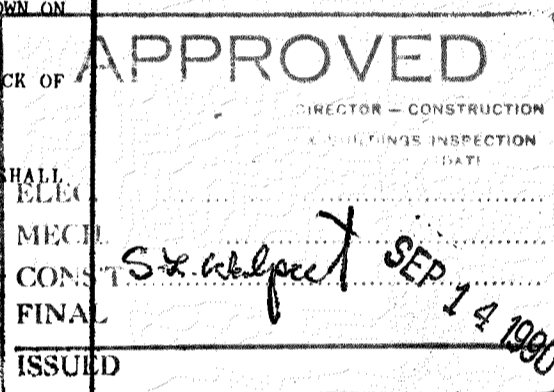
**FOUNDATION PLAN ~ 1/16" = 1'-0"**

- ALL COLUMNS, WALLS, FOUNDATIONS ETC. ARE EXISTING UNLESS NOTED OTHERWISE
- SHADED AREA TO BE NEW 5" THICK SLAB ON GRADE REINF WITH 6@10" WWM
- EL. TOP OF NEW SLAB = EL 89'-6" (MATCH EXISTING)



**ROOF FRAMING PARTIAL PLAN ~ 1/16" = 1'-0"**  
FRAMING OVER NEW CONFERENCE AREA

NOTE: WHERE SPACE LIMITS USE OF 2-SIDED CONNECTION, APPROVED SINGLE SIDE CONNECTION DESIGNED FOR THE SAME CAPACITY MAY BE SUBSTITUTED



**PLANS AND SECTIONS**

**OFFICES FOR THE BALTIMORE REGIONAL COUNCIL OF GOVERNMENTS**

GREYHOUND STATION PROJECT

**GOULD ARCHITECTS P.A.**  
518 N. Charles Street Baltimore, Maryland 21201  
301-244-0070

LPJ, INC. CONSULTING ENGINEERS	8-20-90 DATE	S1
16 WEST 25TH STREET BALTIMORE, MARYLAND 21218 TELEPHONE: 301-368-7800	SCALE	
	DRAWN	
	BINDING ORDER	