



Structural • Geotechnical  
**RMG**  
 ENGINEERS

Issued for construction  
 10/1/09

DILLON CAMPUS ADDITION  
 333 FIEDLER AVE  
 DILLON, COLORADO  
 COLORADO MOUNTAIN COLLEGE

ENGINEER: EJ  
 DRAWN BY: CL/AR  
 CHECKED BY: MW  
 PRINTING: DATE:  
 CD 10-1-09

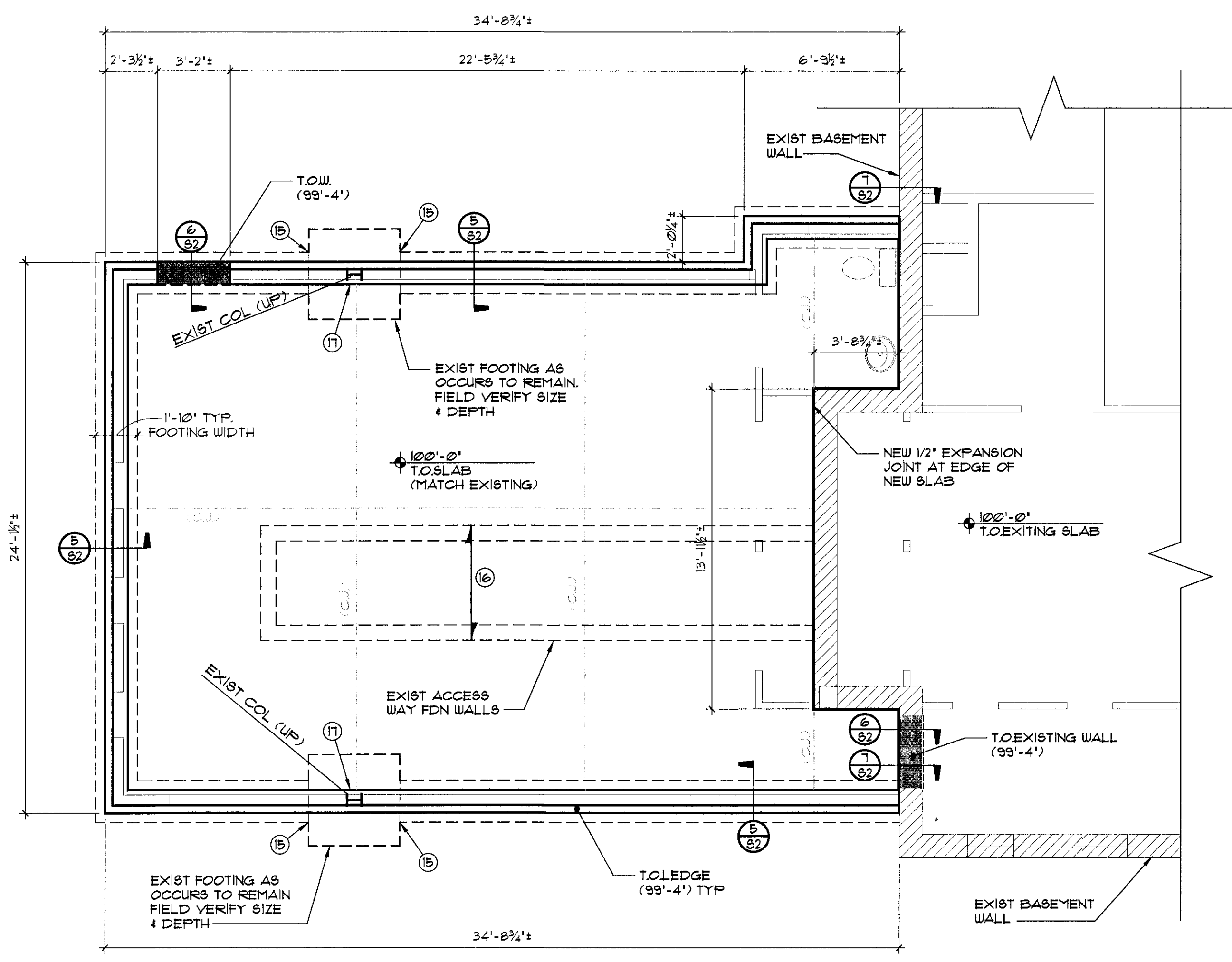
REVISION: DATE:

FOUNDATION  
 AND  
 FRAMING  
 PLAN

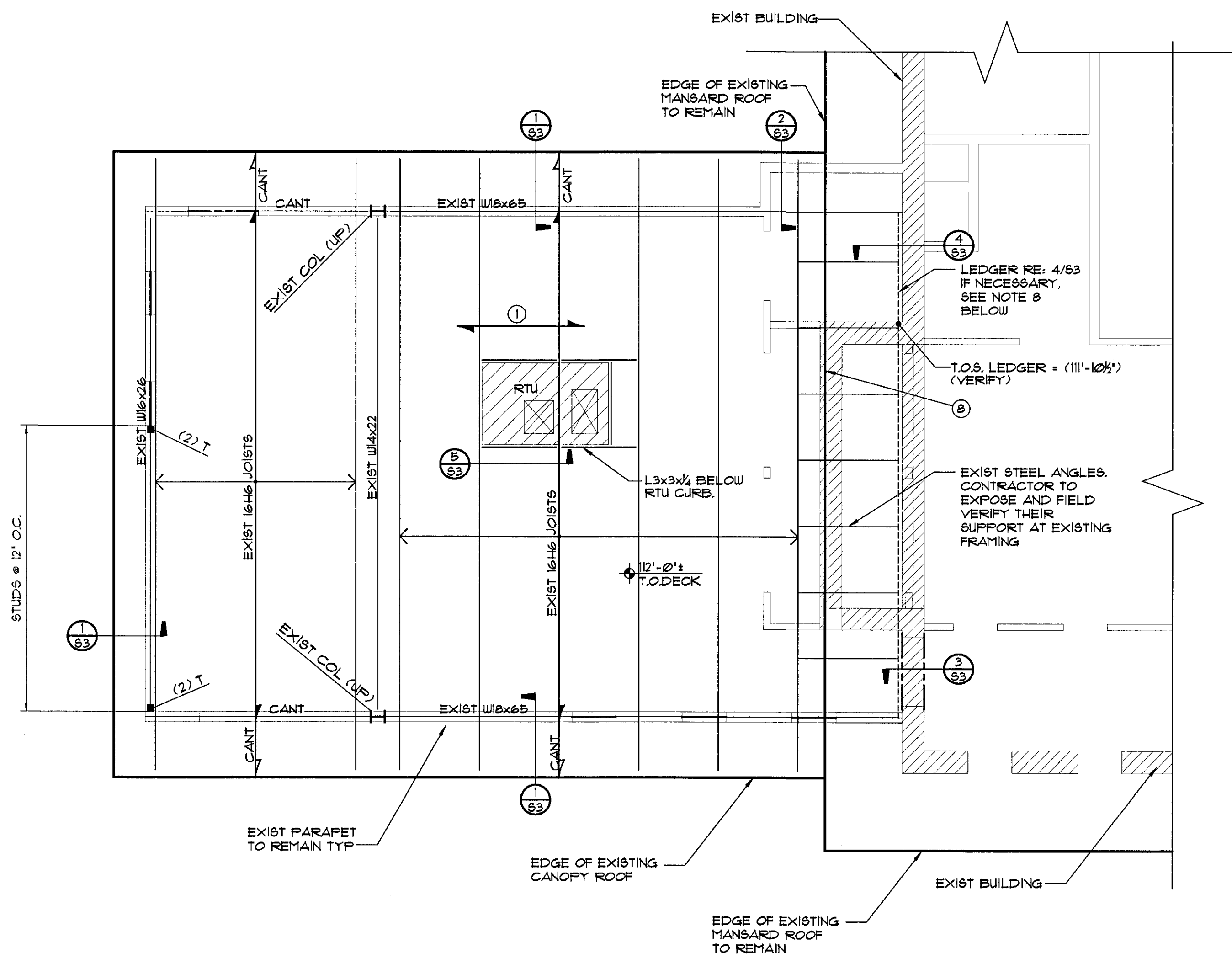
SHEET No.

**S1** OF 3

JOB No. 122674



**FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0" NORTH



**ROOF FRAMING PLAN**  
 SCALE: 1/4" = 1'-0" NORTH

- FOUNDATION PLAN NOTES**
- NEW FLOOR IS 4" CONCRETE SLAB ON GRADE REINFORCED W/ CELLULOSE FIBER MESH REINFORCING
  - ELEVATION TOP OF NEW SLAB = 100'-0", AND SHALL MATCH EXISTING
  - ELEVATION TOP OF NEW CONCRETE FOUNDATION WALLS = 101'-0" EXCEPT AS NOTED THIS: T.O.W. (XX'-X")
  - ELEVATION TOP OF NEW FOOTINGS = 91'-6" EXCEPT AS NOTED THIS: T.O.F. (XX'-X")
  - ALL FOOTINGS ARE CENTERED BELOW COLUMNS OR WALLS UNO
  - ALL CONTINUOUS FOOTINGS ARE 12" DEEP AND 1'-10" WIDE UNO
  - FOR TYPICAL SLAB CONTROL JOINT DETAIL RE: 1/82 ALL CONTROL JOINTS (CJ) TO BE VERIFIED BY CONTRACTOR
  - CONTRACTOR SHALL VERIFY W/ ARCHITECTURAL PLANS OR OTHERS FOR ALL DEPRESSED SLABS, FOUR THROUGH-HOLE DOOR OPENINGS, BLOCKOUTS, SLOPES, AND CURBS PRIOR TO POURING CONCRETE
  - VERIFY ALL DIMENSIONS W/ ARCHITECTURAL PLANS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION
  - SHADE INDICATES DROP WALL 8" AT DOORS AND FOUR THICKENED SLAB THROUGH OPENING
  - FOR CORNER REINFORCING IN STEM WALLS RE: 4/82
  - RE: ARCH DRAWINGS FOR REMOVAL OF EXISTING BOLLARDS, EXISTING CURBS, EXISTING STONE, AND EXISTING SITE WORK
  - IF EXISTING FOUNDATION DIFFERS FROM WHAT IS SHOWN, CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD
  - FOR TOP OF WALL STEP AND BOTTOM OF WALL STEP RE: DETAILS 2/82 AND 3/82 RESPECTIVELY
  - STEP FTG TO MATCH BOTTOM OF EXISTING FOOTING. MAINTAIN 3'-4" FROST DEPTH. RE: 1/82 AND 3/82
  - PROVIDE 4" CONCRETE ON 10C 24 GALVANIZED METAL FORM DECK ACROSS THE EXISTING ACCESS, REINF W/ 6X6-W2.1W2.1 WUF. FIELD ATTACH DECK TO EXISTING FDN WALLS W/ HILTI X-DNI PINS @ 12" O.C.
  - ENCASE EXISTING COL WITHIN NEW FDN WALL. DRILL 6" 4 EPOXY GROUT VERTICAL 4 DOWELS INTO EXISTING FTG MATERIAL TO MATCH WALL REINF.

- ROOF FRAMING PLAN NOTES**
- EXISTING ROOF METAL DECKING IS TO BE REMOVED AND REPLACED WITH A NEW ROOF DECK, 1/2" TYPE B 22GA STEEL ROOF DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUIVALENT. WELD DECK TO SUPPORTS W/ 3/8" FUZZLE WELDS IN 36 1/4 PATTERN PROVIDE (6) #10 TKS SIDE LAP FASTENERS
  - ELEVATION TOP OF STEEL (T.O.S) IS EXISTING
  - EXTERIOR WALLS ARE TO BE NON-BEARING LIGHT GAGE 6009162-33 STUDS @ 16" O.C. (UNO) WITH 6009125-43 BOTTOM TRACK BRIDGING SHALL OCCUR @ 5'-0" O.C. (MAX)
  - COORDINATE SIZE AND LOCATION OF MECHANICAL OPENINGS AND JOIST LOCATIONS WITH MECHANICAL DRAWINGS AND UNIT MANUFACTURER REFER TO 5/83 FOR OPENING FRAMING AND 6/83 FOR JOIST REINFORCING  
 NOTE: SEE ARCHITECTURAL WALL SECTION 1/A-2.0 FOR TYPICAL EXTERIOR WALL ASSEMBLY. SHEATHING ATTACHMENT TO BE AS DIRECTED BY STRUCT ENGINEER.
  - HEADERS IN EXTERIOR WALLS ARE TO BE 6009135-43 WITH (1) KING STUD UNLESS NOTED OTHERWISE (TK) ATTACH HEADER TO STUD WITH AL600 AS MANUFACTURED BY LIGHT GAGE NETWORK W/ (2) #2 SCREWS TO HEADER AND KING STUDS
  - FOR LOOSE LINTEL DETAIL FOR VENEER RE: 3/83
  - EXTERIOR WALLS SHALL BE SHEATHED WITH 1/2" APA RATED SHEATHING ATTACHED TO FRAMING W/ 3/4" BUGLE HEAD SCREWS (MIN HEAD DIAMETER = 23/32") @ 6" O.C. ALONG PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE BLOCKING AT PANEL JOINTS IF FRAMING DOES NOT OTHERWISE OCCUR
  - EXTENT OF EXISTING ROOF DECK AT CANOPY NOT APPARENT DUE TO EXISTING FINISH MATERIALS. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING ROOF DECK EDGE AT THIS SIDE AND NOTIFY ENGINEER OF RECORD PRIOR TO INSTALLING NEW DECK