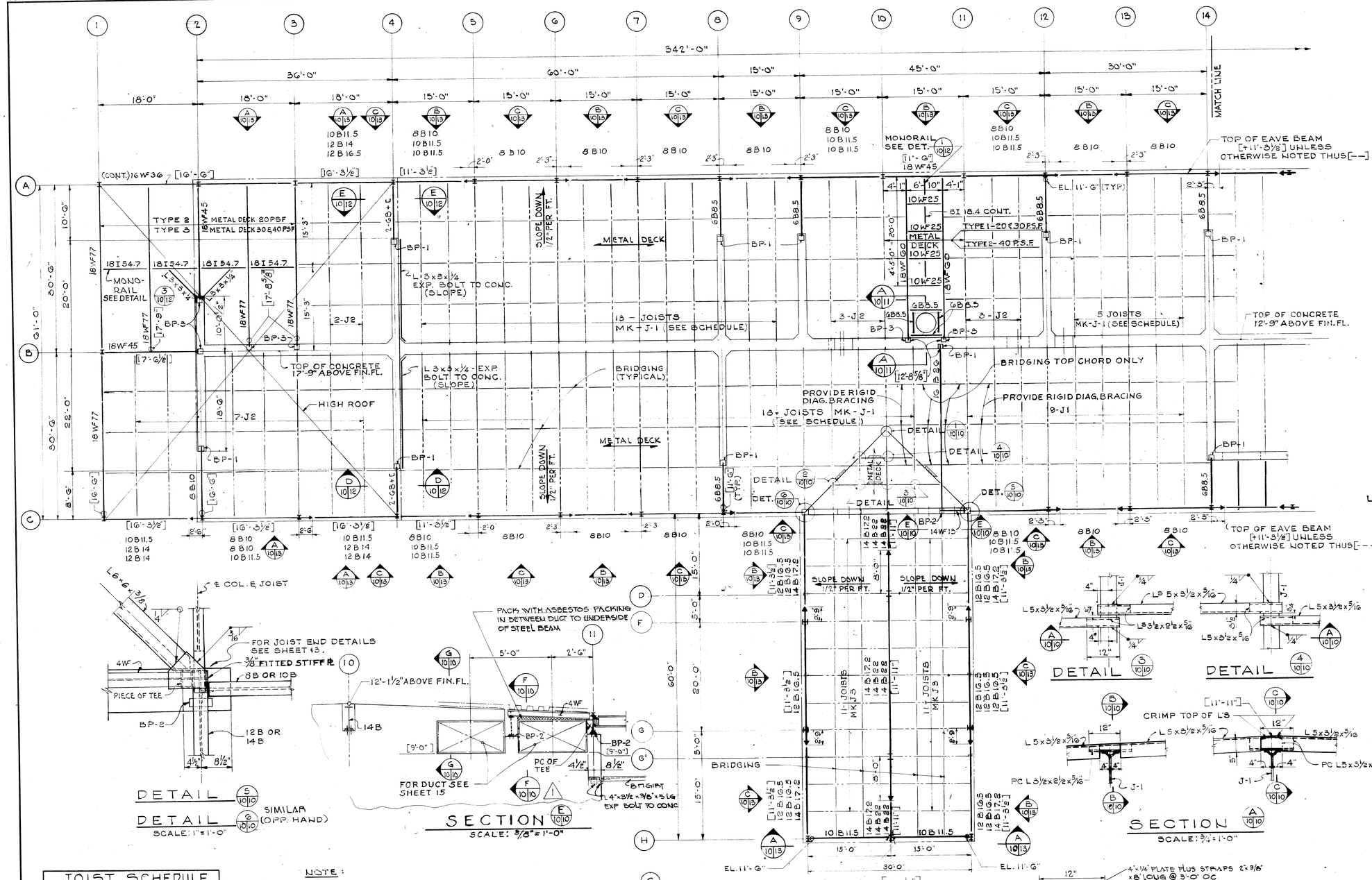
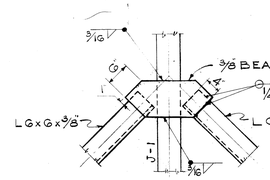
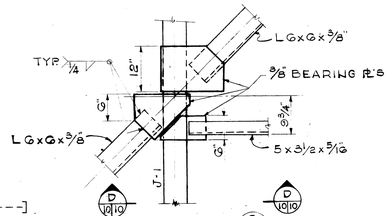



| LOADING SCHEDULE | | | |
|---|---|---|---|
| | 20 PSF | 30 PSF | 40 PSF |
| LIVE LOAD | 20 | 30 | 40 |
| ROOFING | 2 | 2 | 2 |
| MET. DECK | 3 | 3 | 3 |
| INSULATION | 5 | 5 | 5 |
| MECHAN'L | 10 | 10 | 10 |
| TOTAL | 40 | 50 | 60 |

| METAL DECK SCHEDULE | | |
|---|---|---|
| TYPE | MIN. MOM. OF INERTIA - IN⁴ | MIN. SECT. MOD. - IN³ |
| 1 | .18 | .20 |
| 2 | .23 | .26 |
| 3 | .33 | .40 |




DETAIL 1/10/10
SCALE: 3/4" = 1'-0"




DETAIL 2/10/10
SCALE: 3/4" = 1'-0"



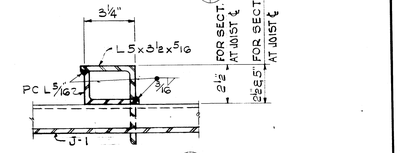

DETAIL 5/10/10
DETAIL 6/10/10 SIMILAR (OPP. HAND)
SCALE: 1" = 1'-0"



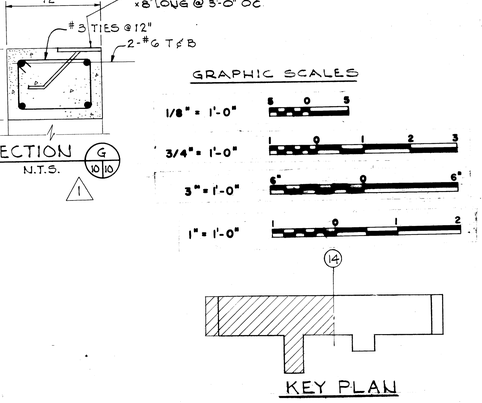

SECTION F/10/10
SCALE: 3/8" = 1'-0"




DETAIL 3/10/10
DETAIL 4/10/10




SECTION B/10/10 SHOWN
SECTION C/10/10 SIMILAR EXCEPT AS NOTED
SCALE: 3" = 1'-0"




SECTION A/10/10
SCALE: 3/4" = 1'-0"

| JOIST SCHEDULE | | | |
|---|---|---|---|
| MARK \ LIVE LOAD | 20 PSF | 30 PSF | 40 PSF |
| J1 | 16H6 | 16H7 | 16H8 |
| J2 | 16H7 | 16H8 | 18H8 |
| J3 | 10H2 | 10H2 | 10H3 |
| J4 | 14H4 | 14H6 | 14H7 |
| J5 | 12H3 | 12H4 | 12H5 |

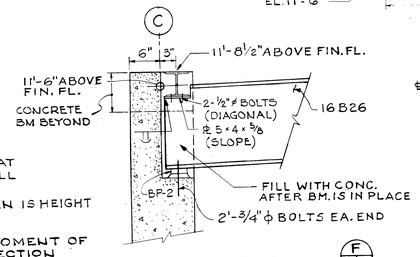
| BEARING PL SCHEDULE | |
|---|---|
| BP-1 | PL 6" x 3/8" x 0'-3" |
| BP-2 | PL 6" x 7/8" x 0'-3" |
| BP-3 | PL 9" x 1 1/2" x 0'-4" |

NOTE:

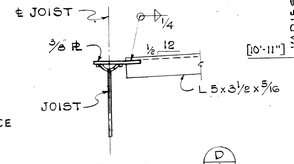
1. FOR COLUMN SCHEDULE SEE SHEET 11
2. FOR MONORAILS SEE SHEET 13
3. FOR CONCRETE WALLS SEE SHEET 14
4. EAVE BEAM NOTATION AS FOLLOWS:

| | | |
|---|---|---|
| LISTED IN THIS SEQUENCE | 10B11.5 | 20 PSF |
| | 12B14 | 30 PSF |
| | 14B22 | 40 PSF |

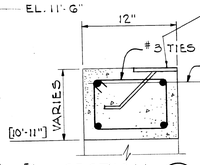
5. SINGLE BEAM NOTATION INDICATES THAT THE SAME BEAM SHALL BE USED FOR ALL LIVE LOAD LEVELS.
6. TOP OF STEEL NOTED THUS [---] ON PLAN IS HEIGHT ABOVE FINISHED FLOOR.
7. METAL DECK SHALL HAVE A MINIMUM MOMENT OF INERTIA OF 0.18 IN⁴ AND A MINIMUM SECTION MODULUS OF 0.20 IN³ UNLESS NOTED OTHERWISE ON PLAN.
8. FOR TYPICAL DETAILS SEE SHEET 13.
9. NOTATION BP-1 ETC. DENOTES BEARING PLATES, SEE SCHEDULE.
10. PROVIDE OUTRIGGERS TO OPEN WEB JOISTS AND ROLLED SECTIONS AT EAVE AS REQUIRED TO SUPPORT METAL DECK.
11. FOR DOOR LOCATIONS SEE SHEETS 1 AND 2




SECTION F/10/10
SCALE: 1 1/2" = 1'-0"




SECTION D/10/10
SCALE: 3/4" = 1'-0"




SECTION G/10/10
N.T.S.

GRAPHIC SCALES






KEY PLAN

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| 1 | REVISED SECTIONS E & G, ADD NOTES 10 & 11 | 8/22/66 | |

REVISIONS

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APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966
APPROVED FOR
DATE:

AMMUNITION MAINTENANCE FACILITY

# AMMUNITION MAINTENANCE BUILDING

## ROOF PLAN
## STRUCTURAL

SCALE AS NOTED
SPEC. NO. 16-06-324-66-CE
DRAWING NUMBER 35-69-09
SHEET 10 OF 45