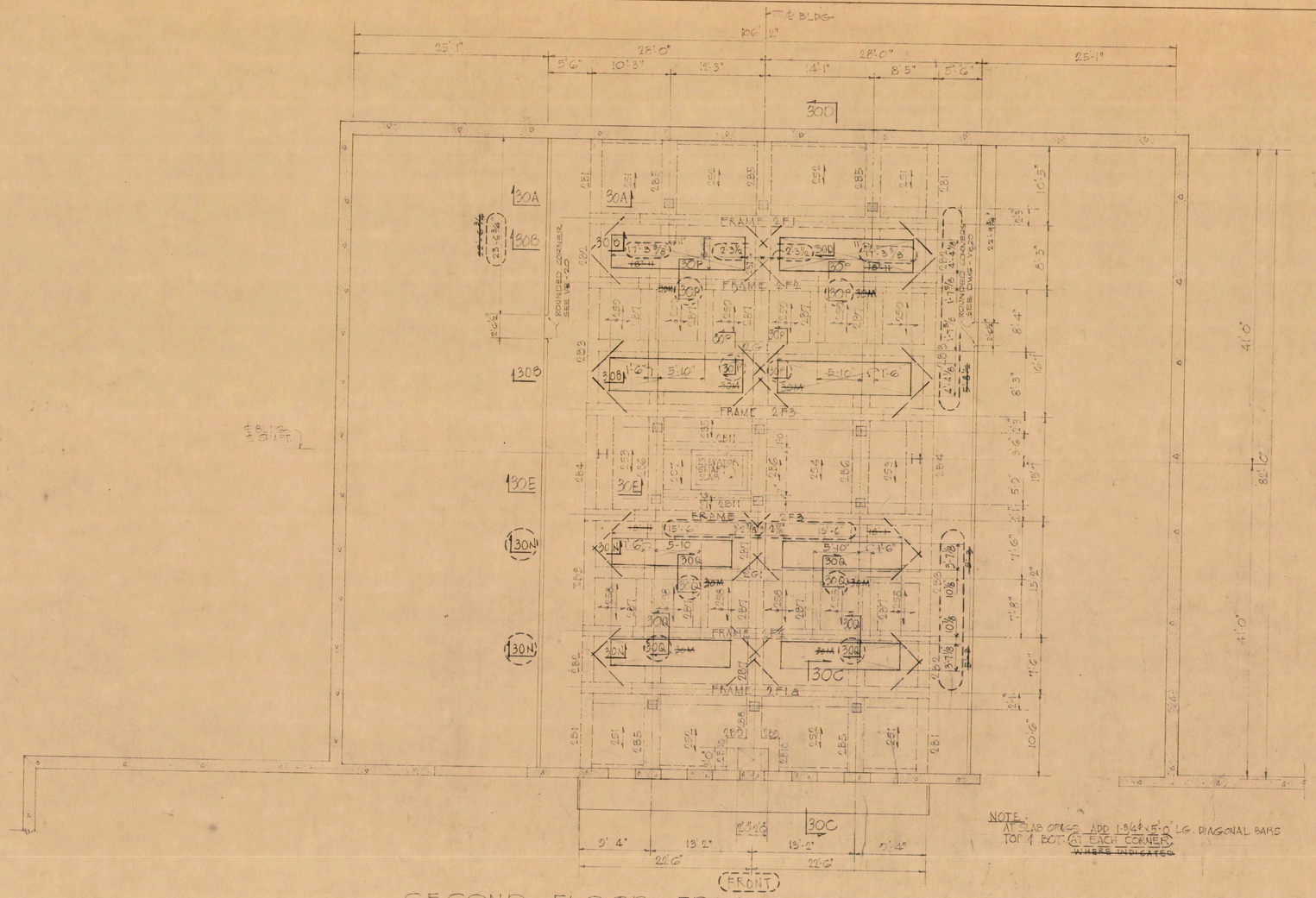


NOTE:
AT SLAB OPNGS ADD 1-3/4φ x 5'-0" LG. DIAGONAL BARS TOP & BOT. AT EACH CORNER.
~~WHERE INDICATED~~

## SECOND FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0"

## SECOND FLOOR ONE-WAY SLAB SCHEDULE

| MARK | SLAB TYPE | BOTTOM REINFORCEMENT | TOP REINF AT CONTINUOUS END | TOP REINF AT NON-CONT END | REMARKS |
|---|---|---|---|---|---|
| 251 | 8" | 5/8φ@6" | 1/2φ@6" | SEE DETAIL AT WALL | EXTEND ALT. TOP & BOTTOM BARS OVER ENTIRE SPAN |
| 252 | 8" | 5/8φ@6" | 1/2φ@6" | SEE DETAIL AT WALL | DO. |
| 253 | 8" | 3/4φ@6" | 1/2φ@6" | | DO. |
| 254 | 8" | 3/4φ@6" | 1/2φ@6" | | DO. |
| 255 | 8" | 1/2φ@8" | | | TOP BARS TO RUN ACROSS ENTIRE SPAN AT ELEVATOR SHAFT. |
| 256 | 8" | 1/2φ@8" | | | |
| 257 | 8" | 5/8φ@7" | | | TOP BARS OVER ENTIRE SPAN AND INTO 255 & 256. |
| | | | | | |
| | | | | | |

## SECOND FLOOR TWO WAY SLAB SCHEDULE

| MARK | SLAB TYPE | BOTTOM REINFORCEMENT SHORT WAY | BOTTOM REINFORCEMENT LONG WAY | TOP REINFORCEMENT SHORT WAY | TOP REINFORCEMENT LONG WAY | TOP REINF AT NON CONT ENDS | REMARKS |
|---|---|---|---|---|---|---|---|
| 258 | 8" | 1/2φ@7" | 3/8φ@8" | 5/8φ@8" | 3/8φ@8" | | EXTEND ALT. TOP SHORT WAY OVER ENTIRE SLAB. |
| 259 | 8" | 1/2φ@7" | 3/8φ@8" | 5/8φ@8" | 3/8φ@8" | | EXTEND ALT. TOP LONGWAY OVER ENTIRE SLAB. |
| | | | | | | | |
| | | | | | | | |

## SECOND FLOOR BEAM SCHEDULE

| MARK | SIZE WIDTH | SIZE DEPTH | BOTTOM REINFORCEMENT MAIN OR ADDED | BOTTOM REINFORCEMENT CONT. | TOP REINFORCEMENT CONT. ENDS MAIN OR ADDED | TOP REINFORCEMENT CONT. | TOP REINFORCEMENT ADDED NON CONT END | STIRRUPS SIZE | STIRRUPS TYPE | STIRRUPS SPAC. EA. END | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 281 | 18 | 42 | | 4-1φ | | 4-1φ | | 3/8 | | 12" @ THROUGHOUT | |
| 282 | 18 | 42 | | 4-1φ | | 4-1φ | | 3/8 | | 12" @ THROUGHOUT | |
| 283 | 18 | 42 | | 4-1φ | | 4-1φ | | 3/8 | | 12" @ THROUGHOUT | |
| 284 | 18 1/2 | 18 3/4 | | 4-1 1/8φ | | 4-1 1/8φ | | 3/8 | | 6" @ THROUGHOUT | SEE DETAIL |
| 285 | 24 | 18 | | 5-3/4φ | | 5-3/4φ | | 3/8 | | 3@ 7" @ BALANCE @ 12" | SEE DET. DWG. VB-34 |
| 286 | 24 | 18 | | 5-3/4φ | | 5-3/4φ | | 3/8 | | DO DO | DO. |
| 287 | 24 | 18 | | 5-3/4φ | | 5-3/4φ | | 3/8 | | 12" @ THRU-OUT | |
| 288 | 24 | 18 | | 5-3/4φ | | 5-3/4φ | | 3/8 | | DO DO | |
| 289 | 18 | 18 | | 4-3/4φ | | 4-3/4φ | | 3/8 | | DO DO | |
| 2810 | 18 | 18 | | 4-3/4φ | | 4-3/4φ | | 3/8 | | DO DO | |
| 2811 | 12 | 18 | | 4-3/4φ | | 4-3/4φ | | 3/8 | | DO DO | |
| | | | | | | | | | | | |

| REVISION | DATE | DESCRIPTION | MADE BY | CHK BY |
|---|---|---|---|---|
| 1 | 4-16-58 | RELOCATED OPENINGS & EQUIPMENT | E.V. | AO |

LAW & WILSON
ARCHITECTS & ENGINEERS

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
BUREAU OF PLANS

# KALIHI TUNNEL

VENTILATION BLDG. - STRUCTURAL
2ND FLOOR FRAMING PLAN & DETAILS

ENGINEER L. & W. / D.L. DATE JULY 18, 1953
DRAFTSMAN F.C. CHECKED BY D.L.
SCALE 1/8" = 1'-0" TRACER
APPROVED: L. Yamatani CHIEF ENGINEER
APPROVED: H. W. Bretzger BUREAU ENGINEER

APPROVED: H. Sandson ENGINEER, KALIHI TUNNEL

| W.S. | PROFILE | C.B. |
|---|---|---|
| CR. SEC. | F.B. | S.B. |
| W.M. BY: | F.W. BY: | S. BY: |

SECTION C JOB NO. 26-53 DWG. VB-29