



HANNEY & ASSOCIATES, ARCHITECTS

Moines, ast

DRAWINGS ISSUED ITEM ISSUED I 5/6/22 ADDENDUM #4 10 3/25/22 CODE REVISIONS 9 3/1/22 PERMIT SET 8 1/25/22 CHECK SET 7 | 12/15/21 | CHECK SET 6 9/24/21 CHECK SET 5 8/27/21 SITE PLAN REVIEW 4 7/21/21 UDRB SUBMITTAL 3 7/08/21 MILESTONE DEV. PLAN

2 | 5/25/21 | CONCEPT. DEV. PLAN

| \$/20/2| \$\text{ONCEPT. DEV. PLAN |

COMPUTER DRAWING U2I-062

DATE: 5/6/2022 DRAWN BY: CHECKED BY: MDM CJS

PRIOR TO ORDERING STEEL IF

*ANGLE REINFORCING IS REQUIRED STARTING AT

WEST END AND EXTENDING TO MID-SPAN

*5/8"Ø BAR REINFORCING TO RUN FULL

LENGTH OF JOIST

TYPE 2 JOIST REINFORCING SECTION

ALTERNATIVE DETAIL IS REQUIRED.

*ANGLE REINFORCING IS REQUIRED STARTING AT

FOR PERMIT

WEST END AND EXTENDING TO MID-SPAN

JOIST REINFORCING DETAIL

SHEET

COLUMN — SEE PLAN - DIAGONAL BRACE SEE PLAN C.L. BEAM — 5/8" WEB STIFFENER (N.S./F.S.) BEAM — SEE PLAN EXISTING DECK -EXISTING DECK -SEE PLAN ANGLE ANGLE NO STIFFENER @ TUBE EXISTING JOIST — & METAL DECK EXISTING JOIST -& METAL DECK —L4x4x1/4 1/4 L4x4x3/8 — TOP & BOT. COLUMN -SEE PLAN DIAGONAL BRACE SEE PLAN -COLUMN 3/4" — PLATE SEE PLAN L3x3x1/4 AT —/ EACH BAR JOIST - COLUMN SEE PLAN HSS BEAM — SEE PLAN EXISTING JOIST GIRDER HSS8x6x5/16 (LLV) — CONTINUOUS 1/4 DIAGONAL BRACE SEE PLAN COLUMN CONNECTION DETAIL DIAGONAL BRACE CONN. DETAIL HSS BEAM CONNECTION DETAIL DIAGONAL BRACE CONN. DETAIL DIAGONAL BRACE CONN. DETAIL BEAM REINFORCING DETAIL SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" L4x4x5/16 ANGLE ATTACH ANGLE -C8x18.75 — BRACING @ 12'-0" O.C. / @ JOIST PANEL POINT CHANNEL existing — EXISTING — N.S./F.S. 1/4 **BAR JOIST** JOIST GIRDER SEE PLAN T.O.S. 13'-10 1/2" BEAM -SEE PLAN ======= - COLUMN HSS FRAME SEE PLAN 3/16 SEE PLAN COLUMN -SEE PLAN ____ 5/8" WEB — STIFFENER BEAM -5/8" WEB — SEE PLAN STIFFENER **EACH SIDE** EXISTING -COLUMN NEW BEAM — SEE PLAN SEE PLAN 7 \$4.2 COLUMN CONNECTION PLAN VIEW BEAM BRACING DETAIL COLUMN CONNECTION HSS FRAME CONNECTION DETAIL SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" **C** PANEL POINT L5x5x5/16 FRAME (U.N.O.) ANGLE FRAME -FIELD WELD IN POSITION ____ ₩ "D" L2x2x3/16 EA. SIDE STEEL JOIST --(2) 7/8" Ø BARS @ TOP & −(2) 5/8" Ø BARS @ TOP & TYP. EACH END 1/4 4:12 TYP. EACH END 1/4 4:12 — EXIST. JOIST L1 1/2x1 1/2x1/4 @ EACH — 1/4 3:12 BETWEEN ENDS HVAC OPENING 1/4 BETWEEN ENDS DIAGONAL MEMBER ON VERIFY w/ MECH. TOP CHORD REINF. EACH SIDE OF JOIST -L1 1/2x1 1/2x1/4 @ EACH DIAGONAL MEMBER ON EACH BOTTOM CHORD REINFORCING — PANEL POINT -L1 1/2x1 1/2x1/4 @ EACH DIAGONAL MEMBER ON EACH SIDE OF JOIST SIDE OF JOIST FIELD VERIFY REINFORCING SHOWN IS COMPATIBLE WITH TYPE OF BAR JOIST -EXISTING JOIST -EXISTING JOIST WEBS AND CHORDS. NOTIFY E.O.R. CONTRACTOR SHALL REINFORCE ALL JOISTS AT EACH END OF

*ANGLE REINFORCING IS REQUIRED STARTING AT

WEST END AND EXTENDING TO MID-SPAN

*5/8"Ø BAR REINFORCING TO RUN FULL

LENGTH OF JOIST

TYPE 2 JOIST REINFORCING SECTION

MECHANICAL EQUIPMENT SUPPORT

— ROOF EQUIP. CURB

INSIDE FACE FLUSH w/

VERT. LEG OF ANGLE

MECHANICAL ROOF TOP EQUIPMENT SUPPORT FRAMING AND AT ALL

2. REINFORCEMENT SHOWN IS NOT REQUIRED WHEN "P" DOES NOT EXCEED

150lbs. AND "D" DOES NOT EXCEED 1/2 OF CHORD TOTAL WIDTH.

JOIST REINFORCING DETAIL

OTHER LOADS SUPPORTED FROM JOIST TOP AND/OR BOTTOM CHORDS.