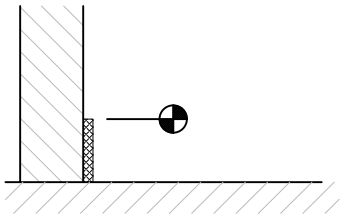
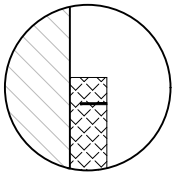
1



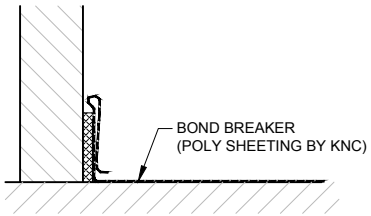
STRIKE FLOATING SLAB GRADE AND ADHERE RESILIENT INTERFACE (PPI BY KNC) TO PENETRATIONS AND PERIMETER LOCATIONS. SEE 1A

1A



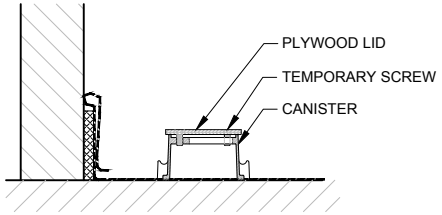
NOTE:
POSITION RESILIENT INTERFACE (PPI BY KNC) SO TEAR STRIP IS ON TOP WITH TEAR SLIT FACING TOWARDS FLOOR TO BE POURED.

2



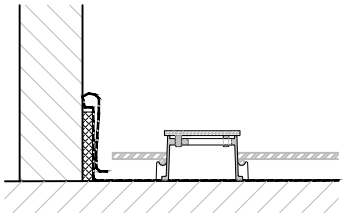
COVER FLOOR WITH BOND BREAKER (POLY SHEETING BY KNC), OVERLAPPING SEAMS A MINIMUM OF 6 INCHES. EXTEND UP OVER ISOLATION BOARD AND STAPLE TO WALL OR ROLL BACK ONTO FLOOR AND TAPE IN PLACE. ENSURE SEAMS ARE TAPED TO PREVENT CONCRETE FROM LEAKING THROUGH.

3



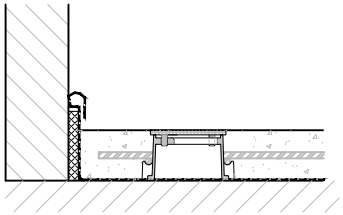
PLACE CANISTERS PER LAYOUT. CAULK OR TAPE CANISTER TO THE BOND BREAKER TO PREVENT CONCRETE FROM LEAKING BENEATH THE CANISTERS. INSTALL CANISTERS WITH PLYWOOD LID AS SHIPPED.

4



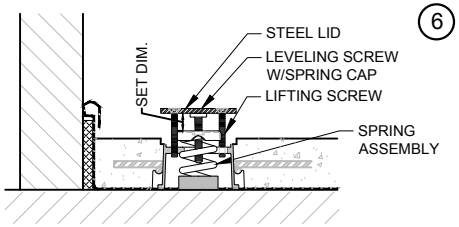
CONCRETE REINFORCEMENT TO BE PLACED PER PROJECT DRAWINGS AND DESIGN SPECIFICATIONS. START BY PLACING BARS ON REBAR SEATS ON THE SIDES OF THE CANISTER. TIE OFF AS REQUIRED.

5



POUR FLOATING CONCRETE SLAB PER PROJECT DRAWINGS AND DESIGN SPECIFICATIONS. AFTER CONCRETE HAS CURED, REMOVE PLYWOOD LID AND TEMPORARY SCREWS AND DISCARD.

6

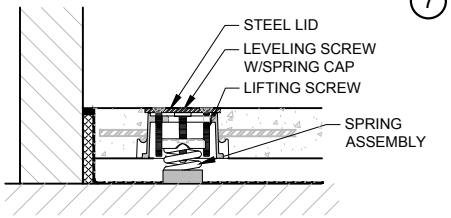


APPLY EXTREME PRESSURE GREASE TO LIFTING SCREWS AND LEVELING BOLT.

SCREW LEVELING BOLT INTO STEEL SPRING CAP PER PROJECT REQUIREMENTS. CONTACT KNC FOR SET DIMENSIONS, PRIOR TO INSTALL, IF NOT PROVIDED.

ASSEMBLE AND PLACE SPRING ASSEMBLY INTO CAVITY. BALANCE STEEL LID ON LEVELING BOLT. INSERT AND ENGAGE LIFTING SCREWS INTO THREADED LUGS INSIDE CANISTER FIVE TURNS. REPEAT FOR EACH CANISTER LOCATION.

7



AFTER COMPLETING STEP 6 FOR EACH CANISTER, DRIVE EACH LIFTING SCREW TWO OR THREE TURNS ON EACH ISOLATOR IN SEQUENCE AROUND THE ROOM. REPEAT TURNING EACH LIFTING SCREW TWO OR THREE ON EACH ISOLATOR IN SEQUENCE AROUND THE ROOM UNTIL ISOLATED SLAB RAISES TO SPECIFIED HEIGHT AS DETERMINED BY SET DIMENSIONS.

REMOVE EXCESS POLY FILM AND PPI TEAR STRIP AT SLAB PERIMETER. CAULK PERIMETER WITH SEALANT PER SEALANT MANUFACTURER'S INSTRUCTIONS.

STRUCTURAL NOTE:

STRUCTURAL SLAB F- NUMBERS
F_F – FLOOR FLATNESS NUMBER
SPECIFIED OVERALL VALUE = 38
MINIMUM LOCAL VALUE = 25

LIFTING NOTES:

CONCRETE MUST CURE TO DESIGN STRENGTH. AFTER CURING, RAISE SLAB BY CAREFULLY DRIVING LIFTING SCREWS. DRIVE EACH SCREW 2 OR 3 TURNS (MAX) IN SEQUENCE UNTIL DESIGN OPERATING HEIGHT HAS BEEN REACHED. DO NOT DRIVE INDIVIDUAL SCREWS MORE THAN 2 OR 3 TURNS, OR TURN THEM OUT OF SEQUENCE. DOING SO MAY CAUSE DAMAGE TO CONCRETE OR ISOLATOR.

TURNING IN EXCESS OF 2 TO 3 TURNS MUST BE APPROVED BY STRUCTURAL (CONCRETE) ENGINEER.

DIMENSION FORMAT: IN (mm)

SCALE: NTS

KINETICS Noise Control®

LIFTWRX ISOLATED SLAB:
INSTALLATION SEQUENCE

Revised	Drawing No.
08/21/2019	AA001961

kineticsnoise.com/liftwrx