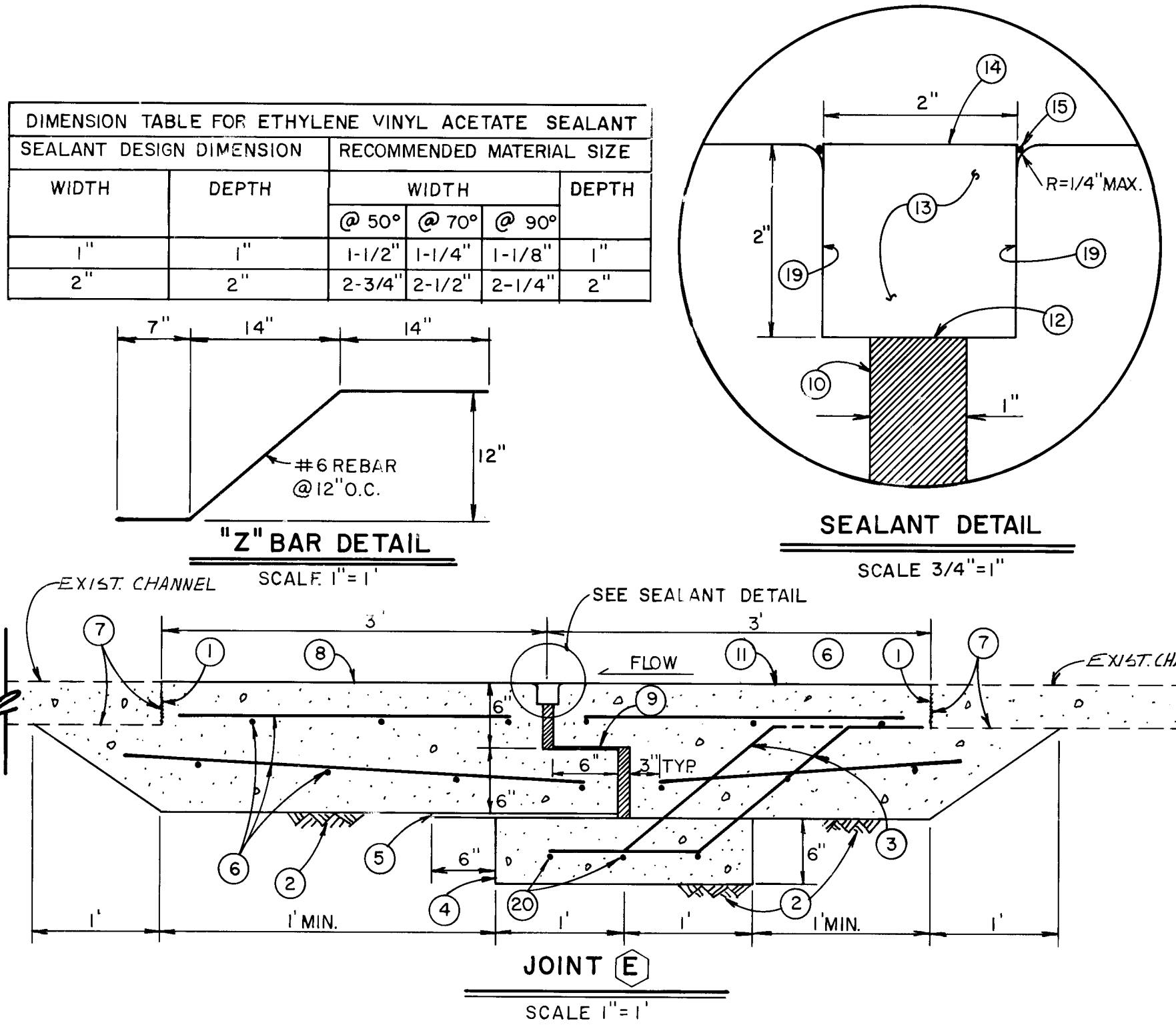
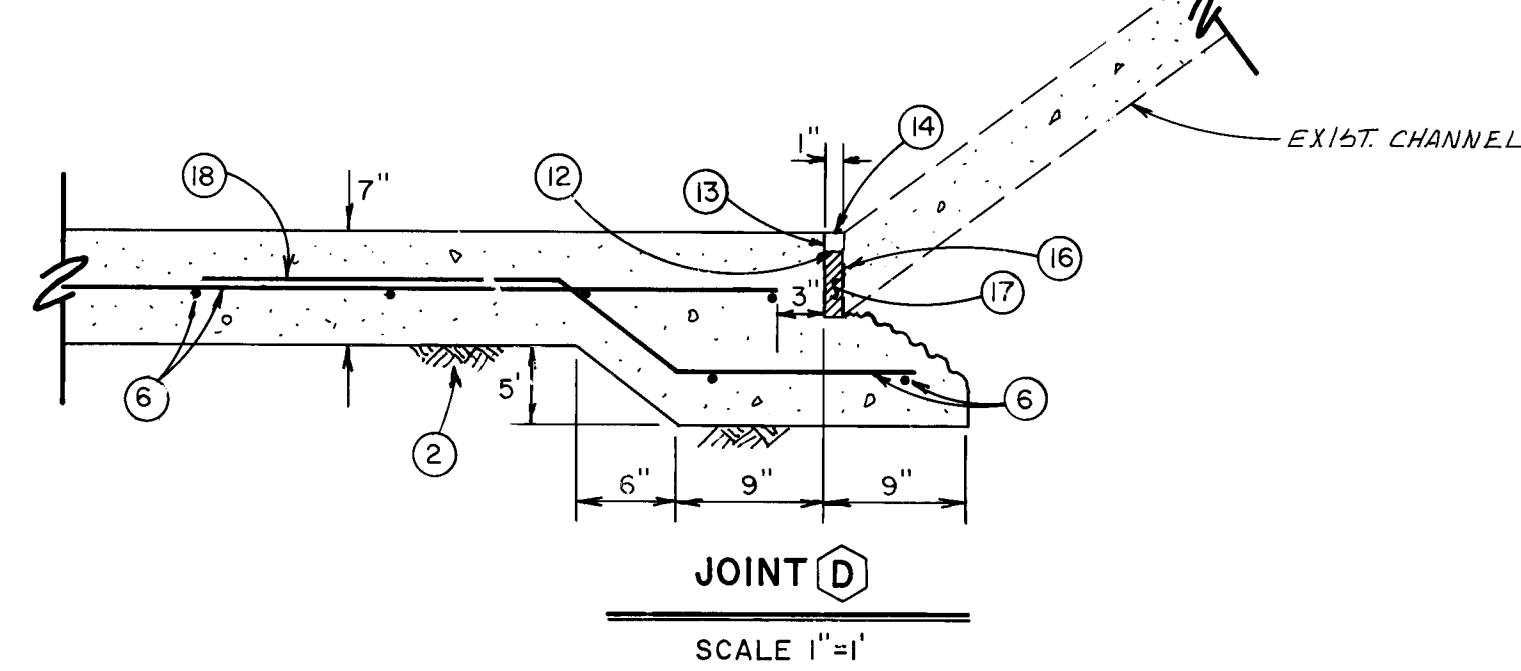
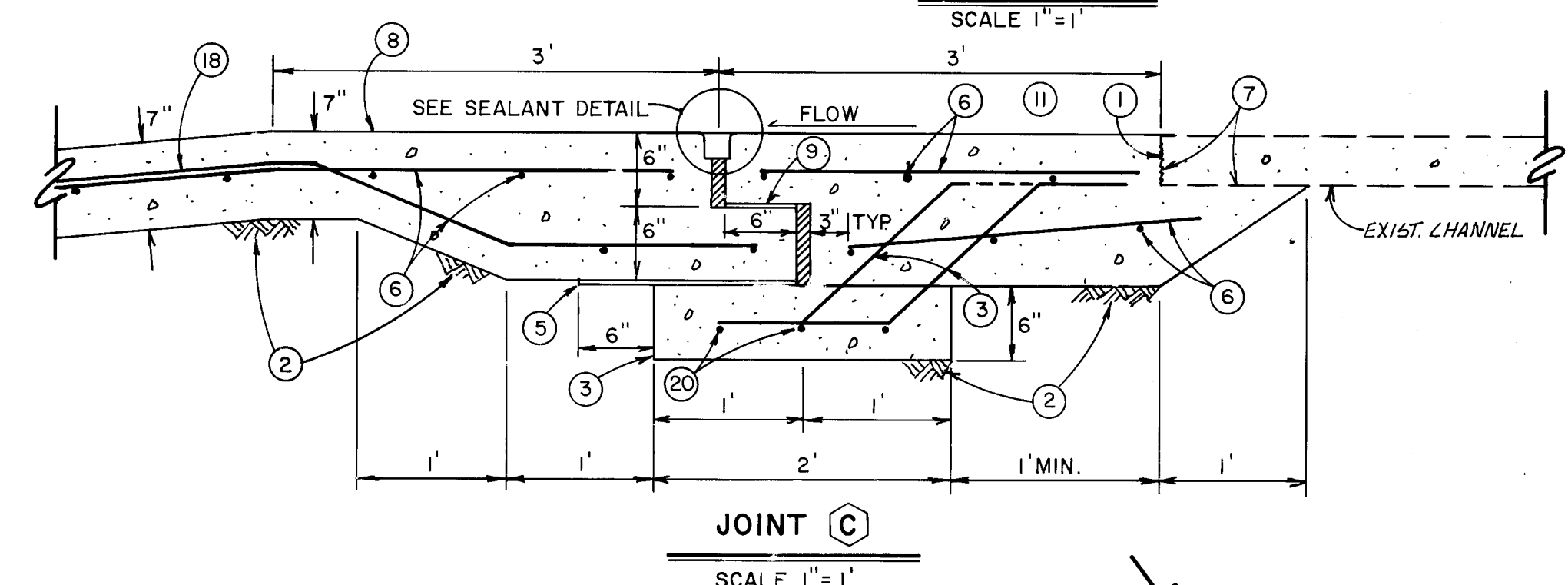
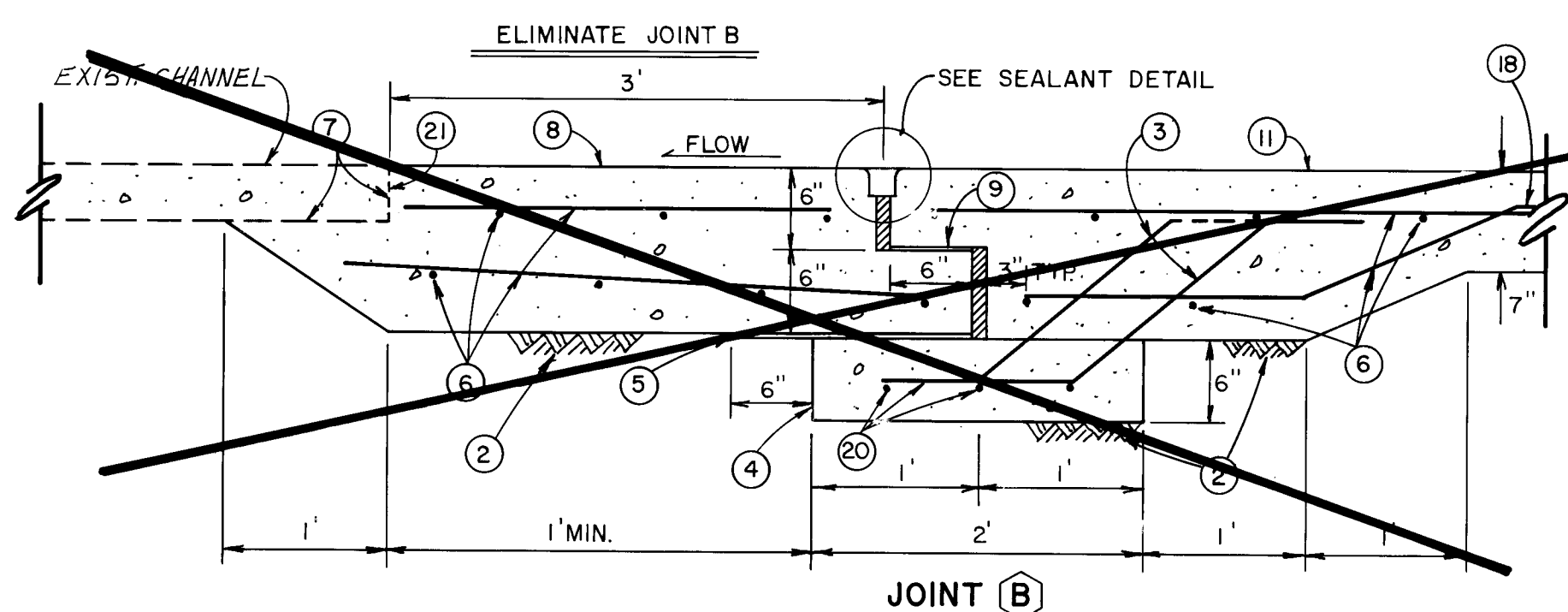
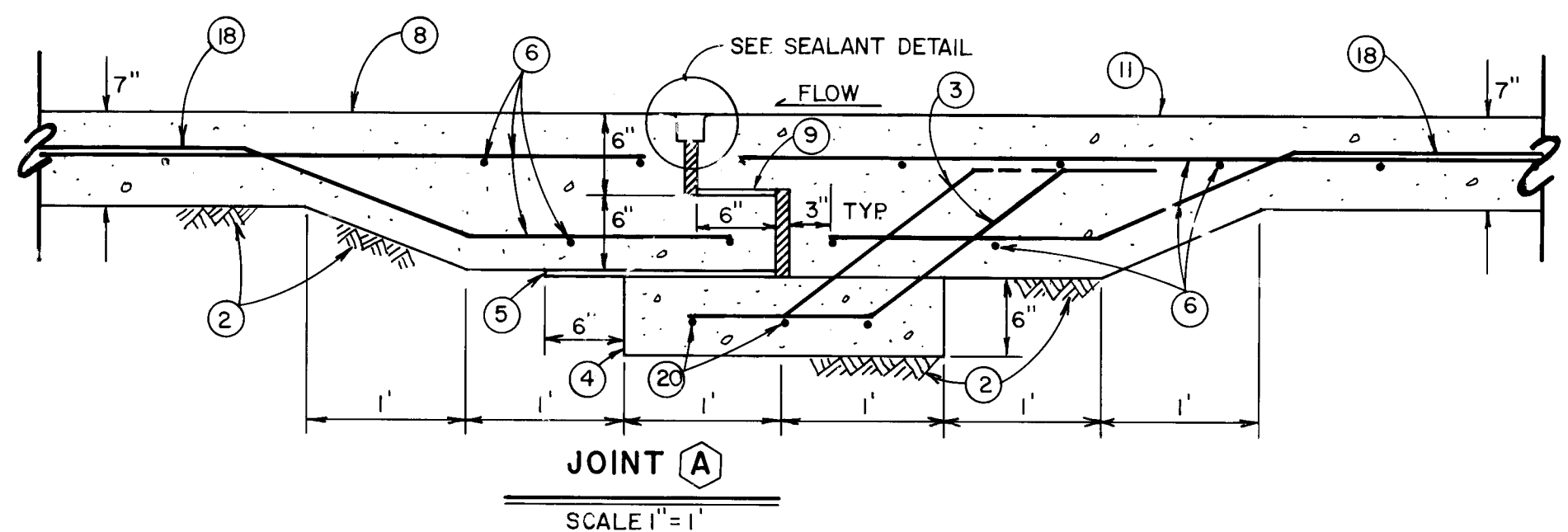


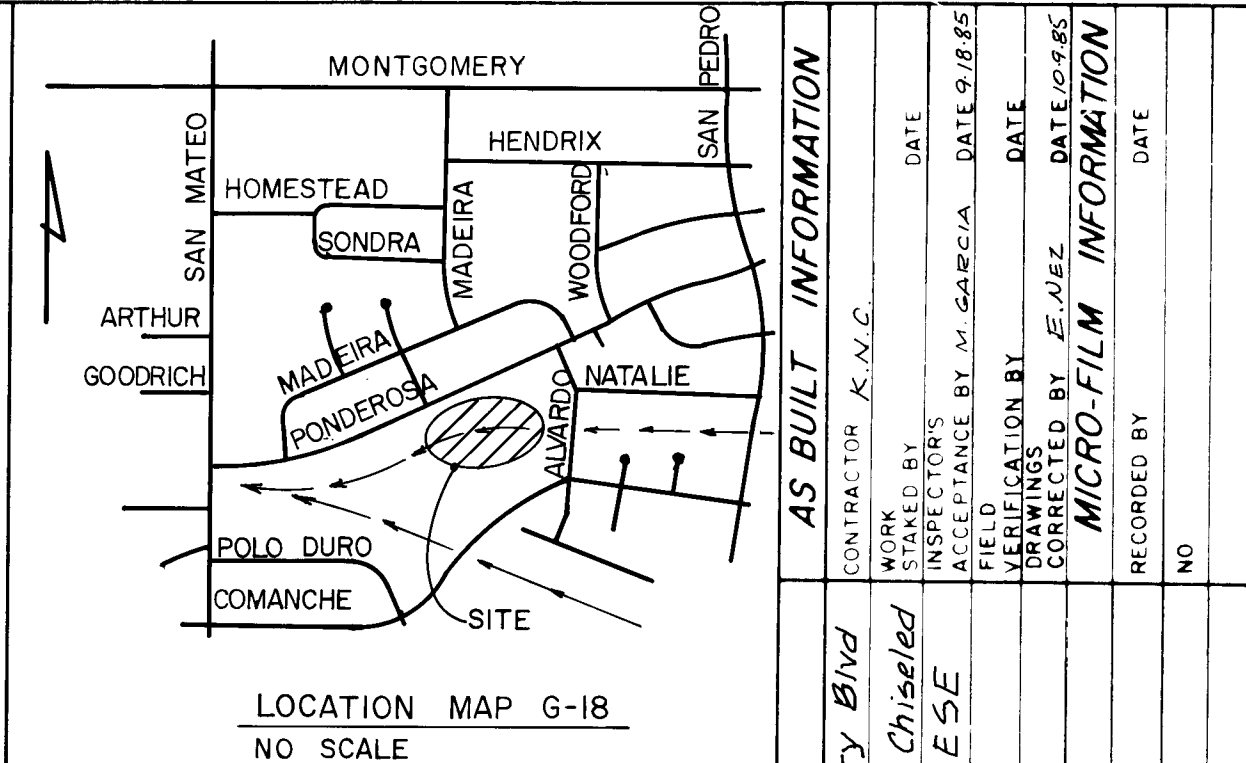
PLAN
SCALE 1"=10'

NOTE: MATCH ELEVATIONS AT ALL EXISTING EDGES AND CHANNEL BOTTOMS. POUR FLAT BOTTOM CHANNEL.



| DIMENSION TABLE FOR ETHYLENE VINYL ACETATE SEALANT | | | |
|--|-------|---------------------------|--------|
| SEALANT DESIGN DIMENSION | | RECOMMENDED MATERIAL SIZE | |
| WIDTH | DEPTH | WIDTH | DEPTH |
| 1" | 1" | @ 50° | @ 70° |
| 2" | 2" | 1-1/2" | 1-1/4" |
| | | 2-3/4" | 2-1/4" |

- CONSTRUCTION NOTES:**
- SAW CUT EXIST. CONCRETE LINING AS MARKED IN FIELD 1" TO 1 1/2" DEEP. BREAK OUT AND REMOVE EXIST. LINING AND JOINT CAREFULLY PRESERVE REINFORCING STEEL 18" FROM CUT.
 - RE-COMPACT SUB-GRADE TO MIN. 90% PER ASTM D 1557. SHAPE TO DIMENSIONS SHOWN.
 - TIE STEEL AS SHOWN #6 GRADE 40 OR 60; REVERSE Z BAR EVERY OTHER SPACE. SEE DETAIL FOR Z BAR THIS SHEET.
 - FORM & POUR 4000 PSI FLY ASH CONCRETE SLEEPER. RECOMPACT ADJACENT SOIL.
 - POLYETHYLENE BEARING PLATE, 1/4" X 18" LOW DENSITY, PLACED FLAT ON SAME GRADE AS CHANNEL.
 - TIE STEEL AS SHOWN: #6 GRADE 60 @ 12" PARALLEL TO CHANNEL CL AND #4 GRADE 40 OR 60 @ 12" MAXIMUM SPACING TRANSVERSE TO CHANNEL. SUPPORT BOTTOM MAT WITH PREFORMED CONCRETE CHAIRS. STEEL SHALL BE FREE OF RUST SCALE.
 - SAND BLAST BROKEN EDGE OF EXIST. CONCRETE AND APPLY TWO COMPONENT EPOXY BONDING AGENT, EVA-POX FRESH BONDER PRODUCT #2 OR EQUAL, PRIOR TO PLACING NEW CONCRETE.
 - FORM, POUR DOWNSTREAM CONCRETE SECTION AS SHOWN WITH 4000 PSI FLY ASH CONCRETE WITH ALUMINUM FLOAT AND DRY BROOM FINISH. STEEL TROWEL BEARING PLATE SURFACE, ONLY, PARALLEL TO CONCRETE SLEEPER SURFACE.
 - PLACE 1/4" X 6" LOW DENSITY POLYETHYLENE BEARING PLATE AS SHOWN BETWEEN THE TWO FILLER SECTIONS.
 - PLACE FOAM POLYETHYLENE FILLERS AS SHOWN, PLASTAZOTE OR EQUAL. DO NOT ANCHOR WITH NAILS. KEEP FILLER FLAT AGAINST POURED CONCRETE SECTION WITH FRESH CONCRETE WHEN POURING UPSTREAM SECTION.
 - POUR UPSTREAM SECTION AS PER SKETCH AND NOTE "6".
 - PLACE BOND BREAKER OVER FOAM FILLER BEFORE APPLYING SEAL. MASKING TAPE ACCEPTABLE.
 - APPLY 2 COMPONENT EPOXY BONDER TO BOTH SIDES EVA-POX BONDER OR EQUAL AND IMMEDIATELY INSTALL ETHYLENE VINYL ACETATE FOAM SEALANT, EVA-SEAL OR EQUAL AS SHOWN. EXCESS BONDER SHALL BE IMMEDIATELY REMOVED FROM SURFACE OF SEALANT. SEE TABLE FOR SIZE OF SEALANT MATERIAL.
 - APPLY 2 COATS OF PROTECTIVE COATING, EVA-POX FLEX COAT OR APPROVED EQUAL.
 - BEAD OF BONDER TO REMAIN.
 - SANDBLAST EXIST. VERTICAL EDGE OF SLOPE LINING.
 - PLACE 1" POLYETHYLENE FOAM PLASTAZOTE OR EQUAL WITH EPOXY. DO NOT NAIL TO EXIST. CONCRETE.
 - LAP = 30 DIA.
 - SAND BLAST EDGES PRIOR TO APPLICATION OF EPOXY BONDER.
 - #4 @ 7"
 - REMOVE TO EXIST. JOINT.



NOTICE TO CONTRACTORS

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction-1979 Edition (referred to herein as the Standard Specifications) and the Contract Documents for Public Works Contract 85-1.

2. Two (2) working days prior to any excavation, the contractor must contact Line Locating Service, 765-1234, for location of existing utilities.

3. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer or surveyor so that the conflict can be resolved with minimum amount of delay.

| AS BUILT INFORMATION | | BENCH MARKS | | SURVEY INFORMATION | | ENGINEER'S SEAL | |
|----------------------|--------|-------------|------|--------------------|------|-----------------|------|
| CONTRACTOR | K.A.C. | DATE | DATE | DATE | DATE | DATE | DATE |
| INSPECTOR | DATE | DATE | DATE | DATE | DATE | DATE | DATE |
| ACCEPTANCE BY | DATE | DATE | DATE | DATE | DATE | DATE | DATE |
| VERIFICATION BY | DATE | DATE | DATE | DATE | DATE | DATE | DATE |
| RECORDING BY | DATE | DATE | DATE | DATE | DATE | DATE | DATE |
| NO | | | | | | | |

| THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED | | REMARKS | |
|---|---|---------|--|
| <input type="checkbox"/> | All utilities and utility service lines shall be installed prior to paving. | | |
| <input type="checkbox"/> | Backfill compaction shall be according to specified street use. | | |
| <input type="checkbox"/> | Tack coat requirements shall be determined by the City Engineer. | | |
| <input type="checkbox"/> | Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed. | | |
| <input type="checkbox"/> | If curb is depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter. | | |
| <input checked="" type="checkbox"/> | All storm drainage facilities shall be completed prior to final acceptance. | | |

| LEGEND | | REVISIONS | |
|---------------------------|-------------------------------|-------------|------|
| | AREA TO BE REMOVED & REPLACED | NO | DATE |
| | EXIST. SLAB | BY | DATE |
| | EXIST. SLOPED LINING | REMARKS | DATE |
| 26 2258 0185 | | DESIGN | DATE |
| APPROVAL OF CITY ENGINEER | | DESIGNED BY | DATE |
| W. J. McManis | | DRAWN BY | DATE |
| DATE 10-14-85 | | CHECKED BY | DATE |
| C. J. McManis | | | |
| CITY ENGINEER | | | |

| CITY OF ALBUQUERQUE | | MUNICIPAL DEVELOPMENT DEPARTMENT | |
|----------------------|---------------|----------------------------------|--------------|
| ENGINEERING DIVISION | | TITLE: | |
| RECONSTRUCTION | | MONTGOMERY PARK CHANNEL LINING | |
| APPROVALS | ENGINEER | DATE | APPROVALS |
| City Engineer | C. J. McManis | 12/12/84 | Liquid Waste |
| A.C.E. - Design | W. J. McManis | 12/12/84 | Traffic |
| A.C.E. - Hydrology | W. J. McManis | 12/12/84 | Water |
| DRAWING NO. | 2258 | MAP NO. | G-18 |
| SHEET | 1 | OF | 1 |