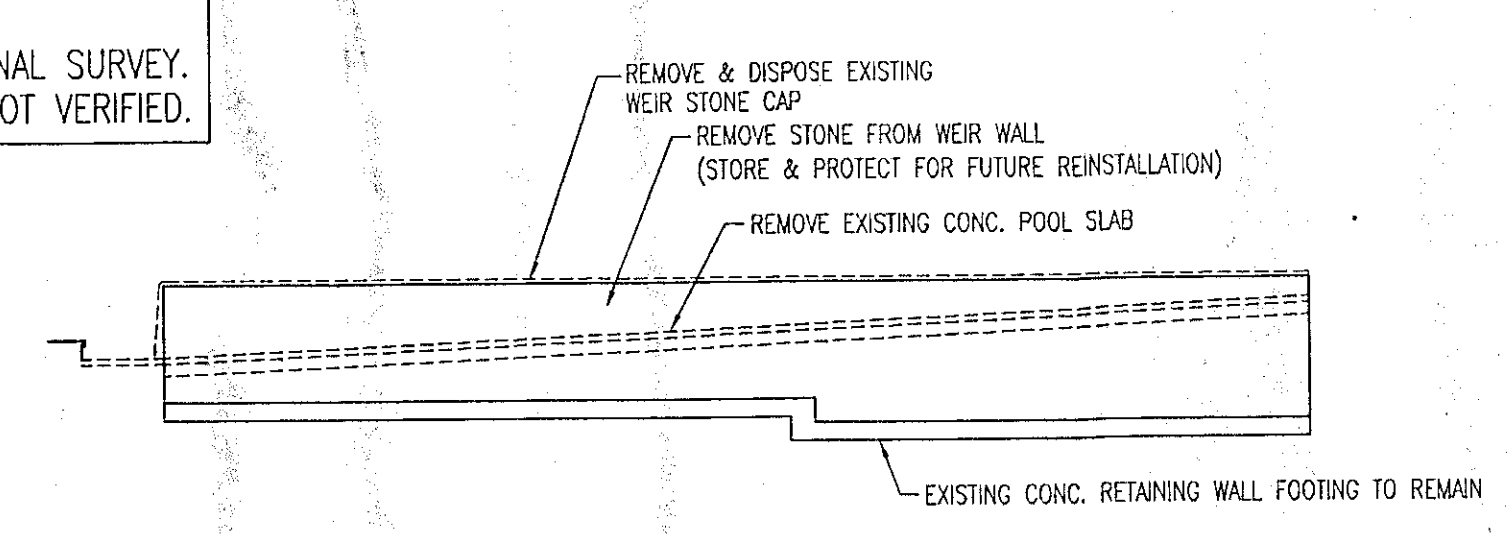
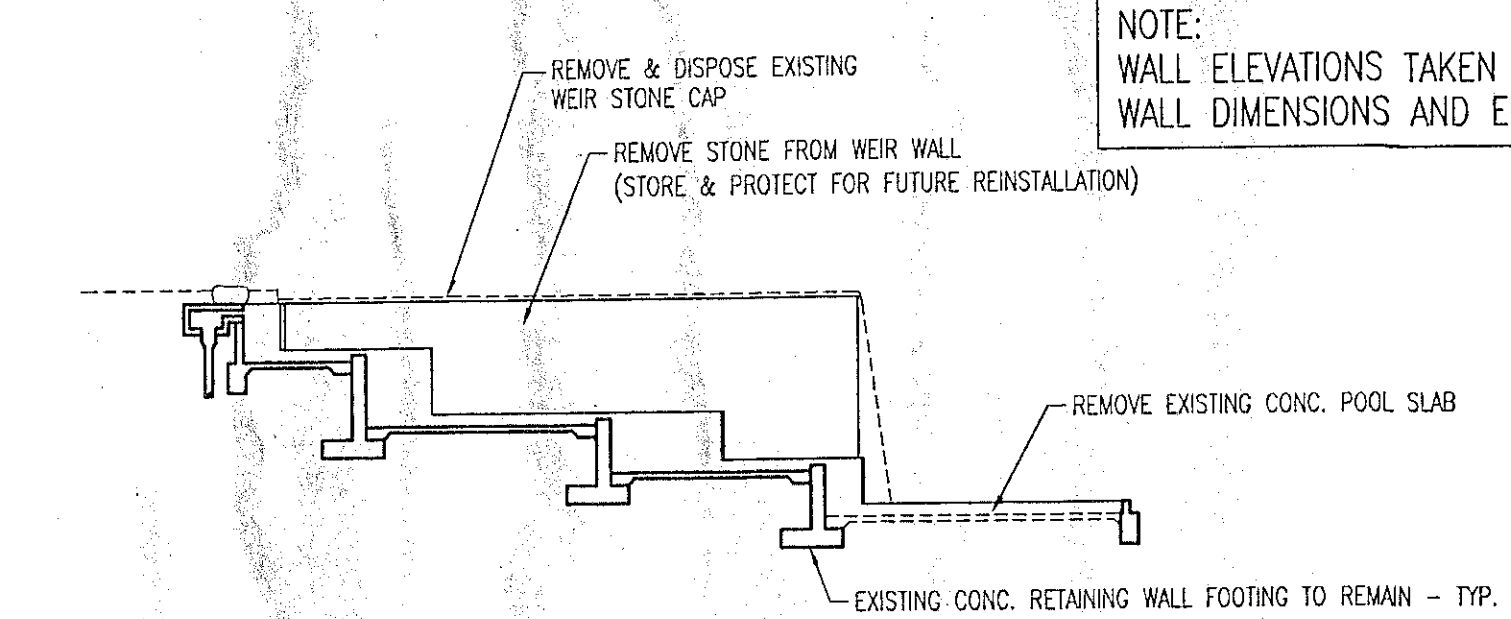


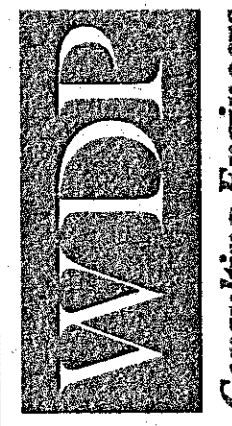
NOTE:
WALL ELEVATIONS TAKEN FROM ORIGINAL SURVEY.
WALL DIMENSIONS AND ELEVATIONS NOT VERIFIED.



GENERAL NOTES

1. These notes and details are supplemental to the original architectural and structural drawings and project specifications for the Wichita Water Wall. Any discrepancies between the original design and these supplemental drawings which result in a non-constructable or unsuitable condition shall be brought to the attention of the architect/engineer.
2. All concrete shall have 28-day compressive strength, f_c , of 4500 psi, a water cement ratio of not more than 0.40, and shall be air-entrained. Air-entrainment shall be 6 percent \pm 1 percent. The weir concrete shall be well consolidated by mechanical vibration to eliminate voids. Use DCI-S corrosion inhibiting admixture by WGRACE. Use 3 gal. Per cubic yard, in accordance with manufacturer's recommendations. Submit mix design 14 days prior to concrete placement.
3. After demolition of the existing stone masonry, the existing dovetail slots shall be inspected by the architect/engineer and, if necessary, tested to determine suitability for re-use. If the existing dovetail slots are deemed unsuitable for re-use, supplemental instruction will be provided for re-anchorage of the stone masonry. Contractor to provide access and assistance to the architect/engineer in performing the inspection and testing. Test pump system for active leakage through trough and/or wall prior to replacement of the stone. Coordinate pump test with architect/engineer and owner 7 days prior to performing test.
4. The structural support of the pool slabs adjacent to the reinforced concrete retaining wall on the north elevation at the west end are to be inspected and tested to determine suitability for re-use. If additional work is required, the architect/engineer will provide supplemental instructions for remediation. Contractor to provide access and assistance to the architect/engineer in performing the inspection and testing.
5. Water stop. The water stop specified is Sikaswell-S sealant manufactured by Sika Corporation, 811 East Plano Parkway, Suite 121, Plano, Texas 75074, Tel. (972) 633-0080. This material shall be installed as shown on the project drawings and in accordance with the manufacturer's recommendations.
6. Contractor shall use a mortar catch board to ensure that no mortar droppings fall between existing concrete wall and newly installed stone veneer. Remove mortar accumulations from within the air space and at the base of the wall daily prior to hardening of the mortar using base level weep holes as clean-outs.
7. Construct width of curb to match designed masonry width at bottom of wall.
8. Coat pool slab and walls with flat black colored Neogard traffic coating or material equal to original specification.
9. Mortar shall be Type S portland cement lime in compliance with the proportion specifications of ASTM C270. Fill all mortar joints solidly.
10. Stack pile stone on pallets and cover. Locate in areas designated by owner.
11. Store and protect railings in areas designated by owner or store off-site in secure locations. Damaged rails to be replaced at the direction of the architect with new matching rails.
12. Saw-cut stones at expansion joints to provide a smooth and vertically true surface at each side of joint.
13. Forming for weir copings shown herein are conceptual. Contractor to submit forming plans, procedure and schedule.

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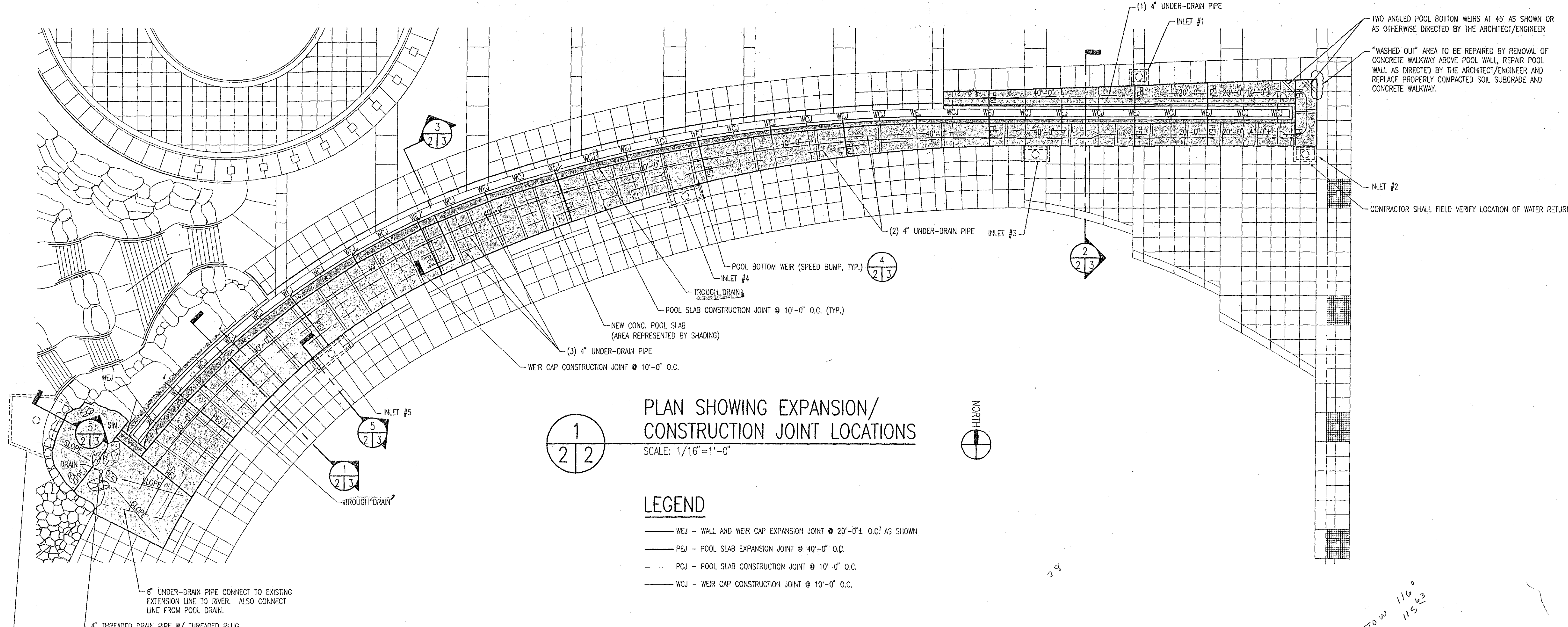


WICHITA WATER WALL
WICHITA, KANSAS
WATER WALL RECONSTRUCTION
SUPPLEMENTAL PLANS, ELEVATIONS & NOTES

REVISIONS	DATE	BY	CHKD

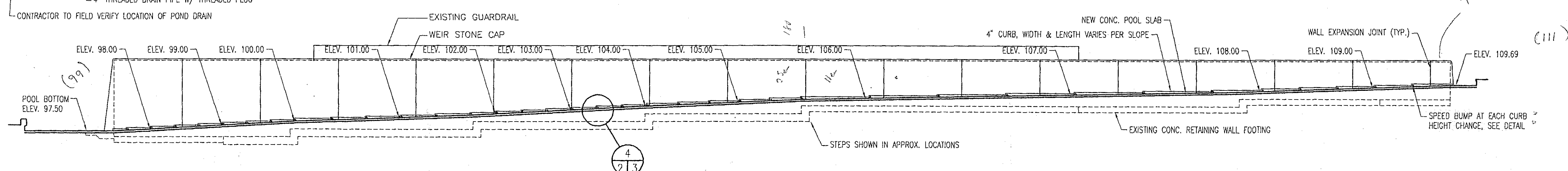
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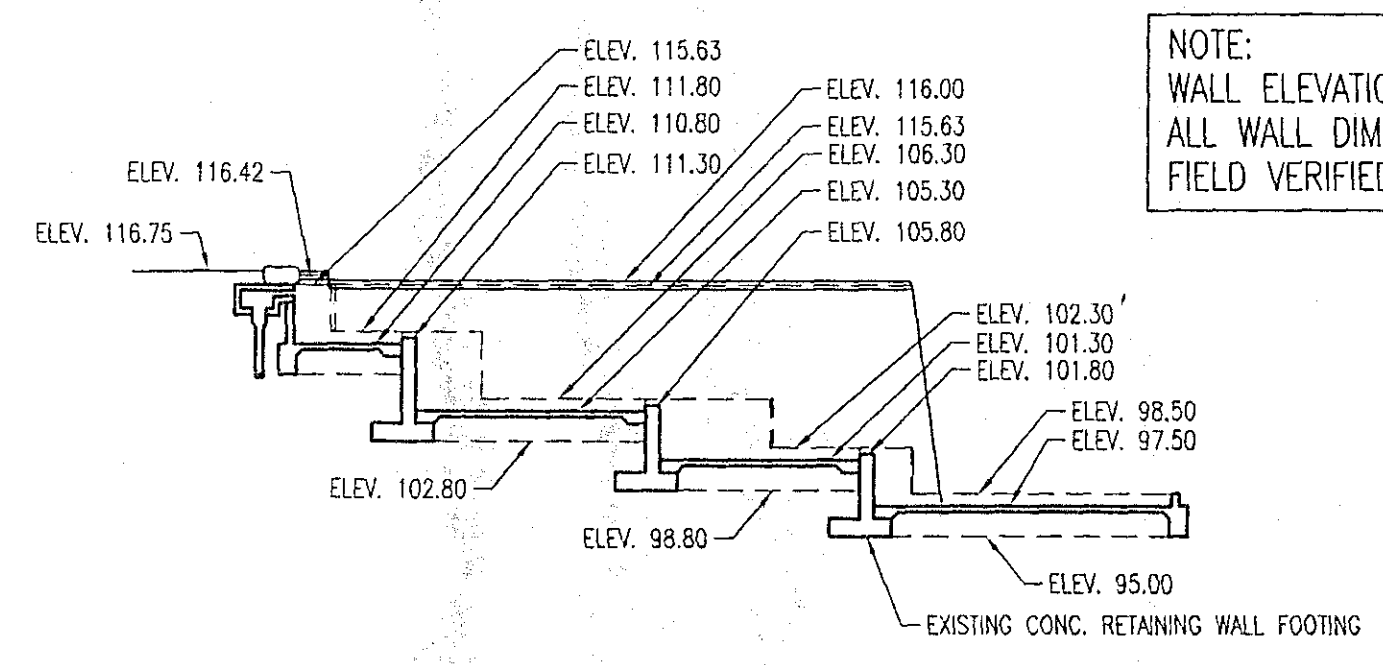


**PLAN SHOWING EXPANSION/
CONSTRUCTION JOINT LOCATIONS**
SCALE: 1/16"=1'-0"

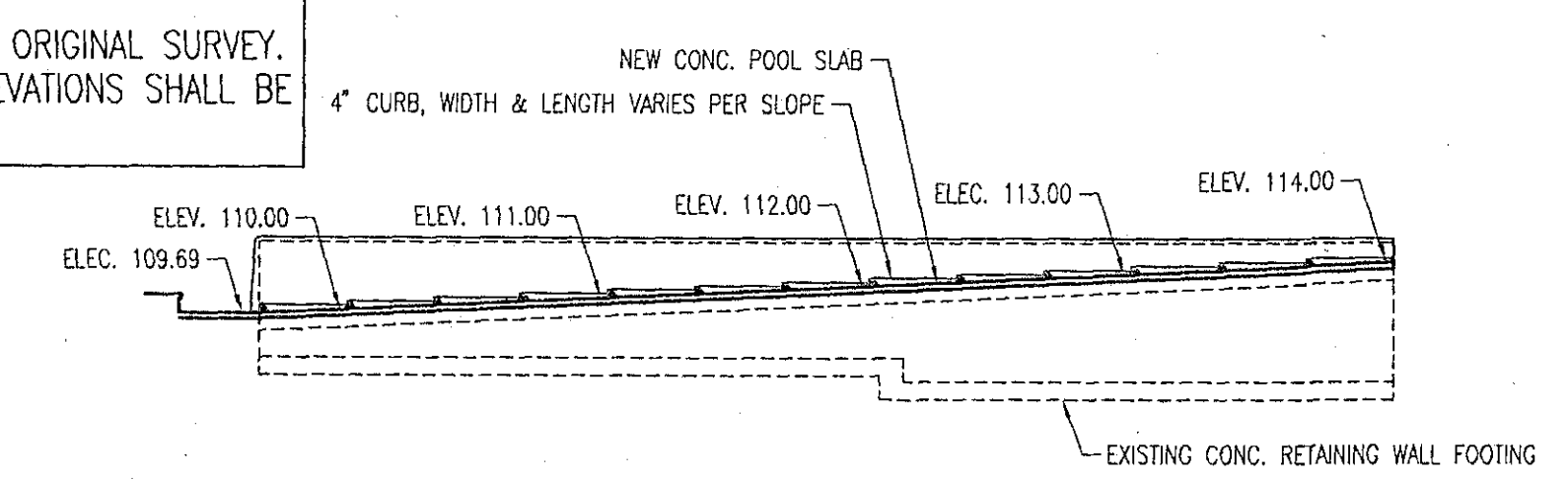
- LEGEND**
- WEJ — WALL AND WEIR CAP EXPANSION JOINT @ 20'-0"± O.C. AS SHOWN
 - PEJ — POOL SLAB EXPANSION JOINT @ 40'-0" O.C.
 - PCJ — POOL SLAB CONSTRUCTION JOINT @ 10'-0" O.C.
 - WCJ — WEIR CAP CONSTRUCTION JOINT @ 10'-0" O.C.



2 SOUTH WALL ELEVATION
SCALE: WALL ELEVATION SHOWN FLAT HORIZONTALLY FOR CLARITY
VERTICALLY 1/16"=1'-0"



3 NORTH WALL ELEVATION - WEST END
SCALE: 1/16"=1'-0"



4 NORTH WALL ELEVATION - EAST END
SCALE: 1/16"=1'-0"

NOTE:
WALL ELEVATIONS TAKEN FROM ORIGINAL SURVEY.
ALL WALL DIMENSIONS AND ELEVATIONS SHALL BE
FIELD VERIFIED NOT VERIFIED.

NOTES REGARDING POOL BOTTOM WEIRS

- A. POOL BOTTOM WEIRS (SPEED BUMPS) SHALL ANGLE SLIGHTLY TO SOUTHWEST TO PROVIDE FOR GRAVITY DRAINAGE TOWARDS THE SOUTH WALL OF POOLWAY.
- B. AT EACH WATER RETURN INLET, A PBW SHALL BE PLACED AT MID-OPENING AND ANGLED (FIELD VERIFY) TO ASSURE WATER DIVERSION TOWARDS THE INLET OPENING.

$$\frac{114}{97} = 1.68$$

$$1.68 \div 1.33 \text{ bump} = 50 \text{ bumps}$$

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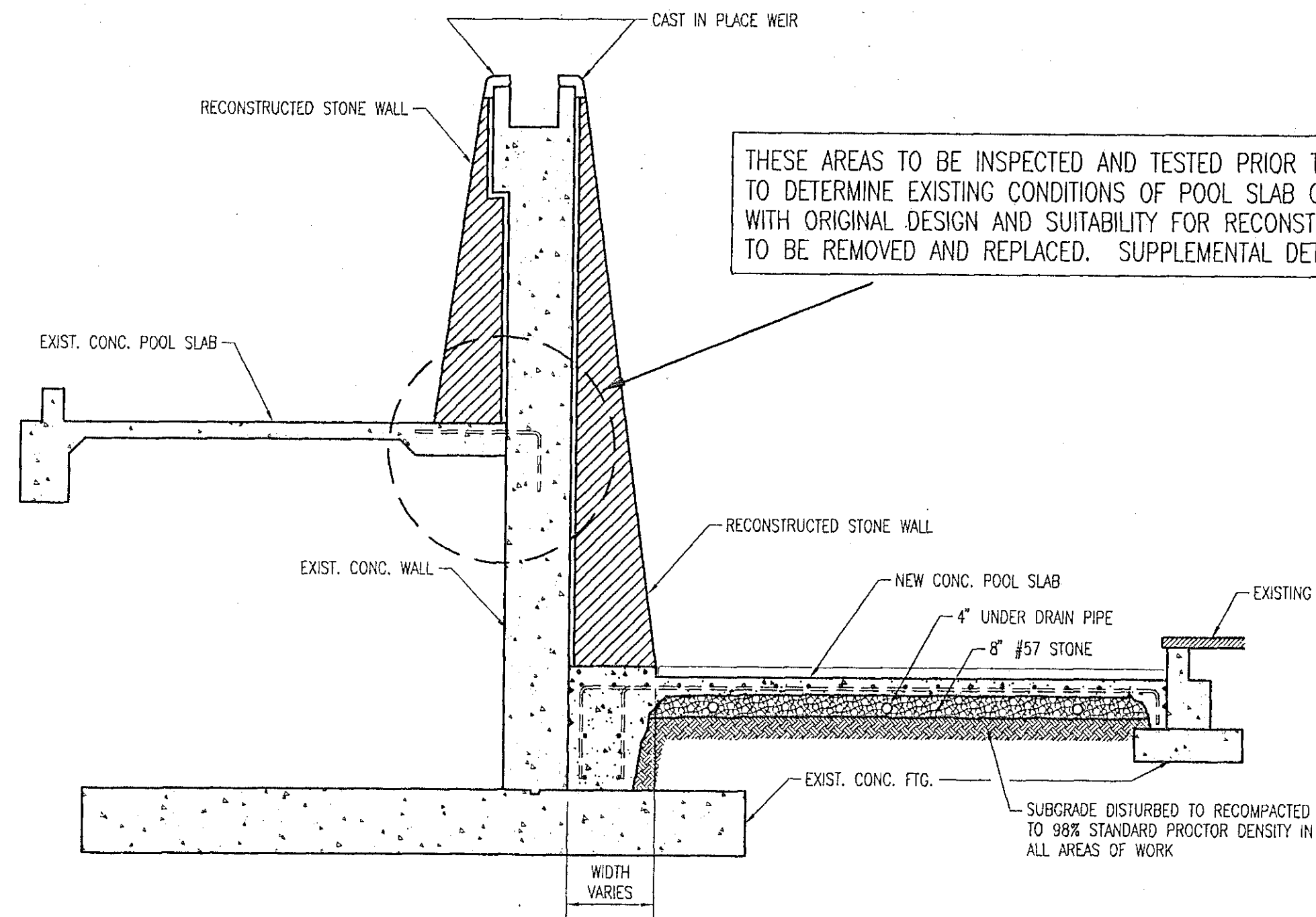
**WICHITA WATER WALL
WICHITA, KANSAS
WATER WALL RECONSTRUCTION
SUPPLEMENTAL PLANS, ELEVATIONS & NOTES**

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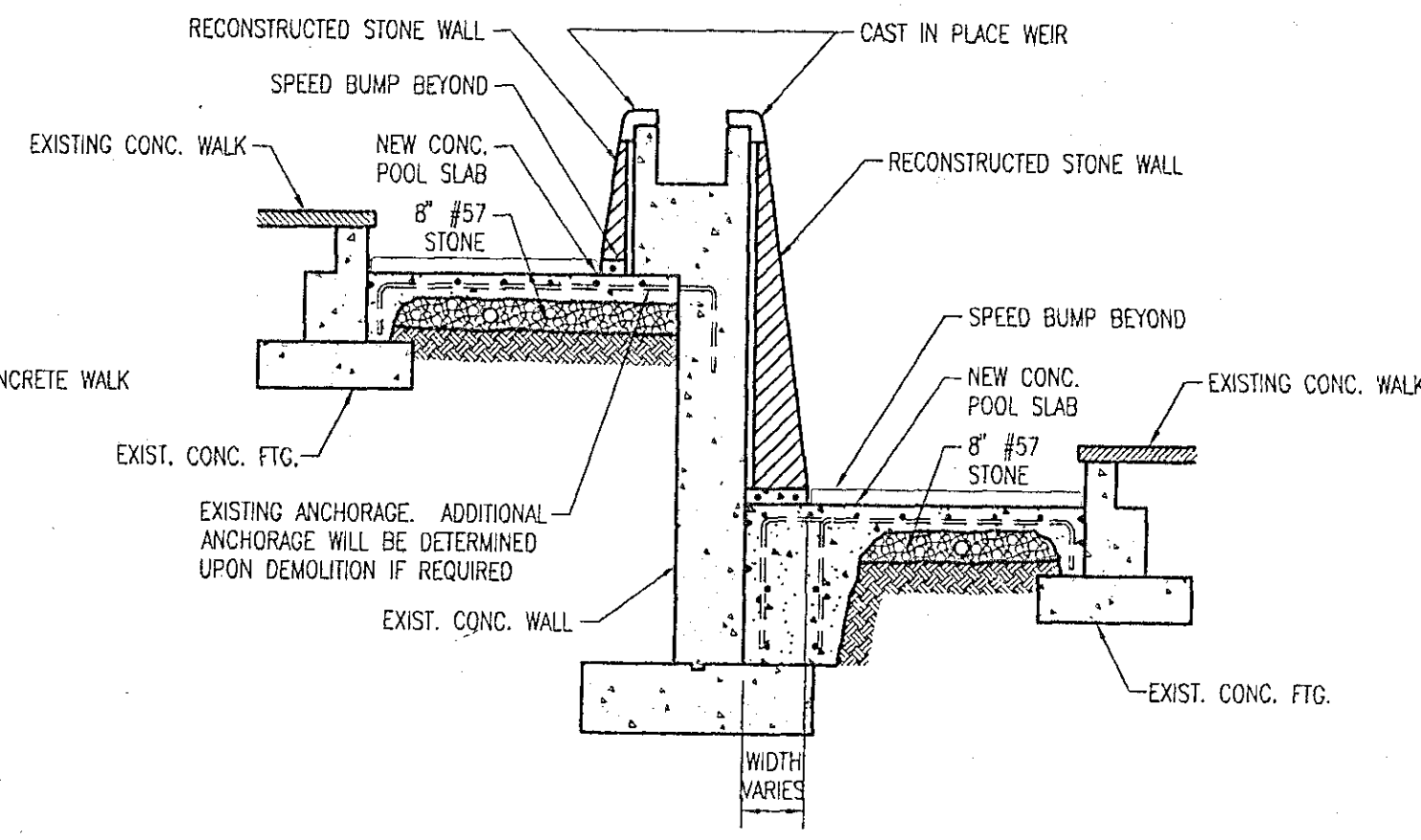
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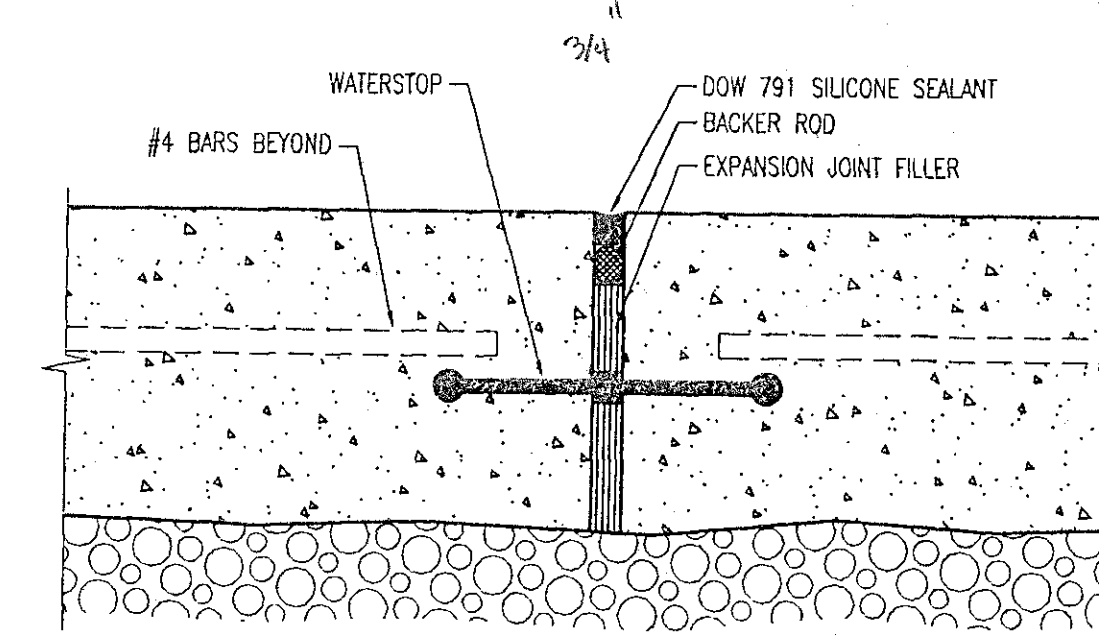


1
2 | 3
WALL SECTION - WEST END
SCALE: 1/4" = 1'-0"

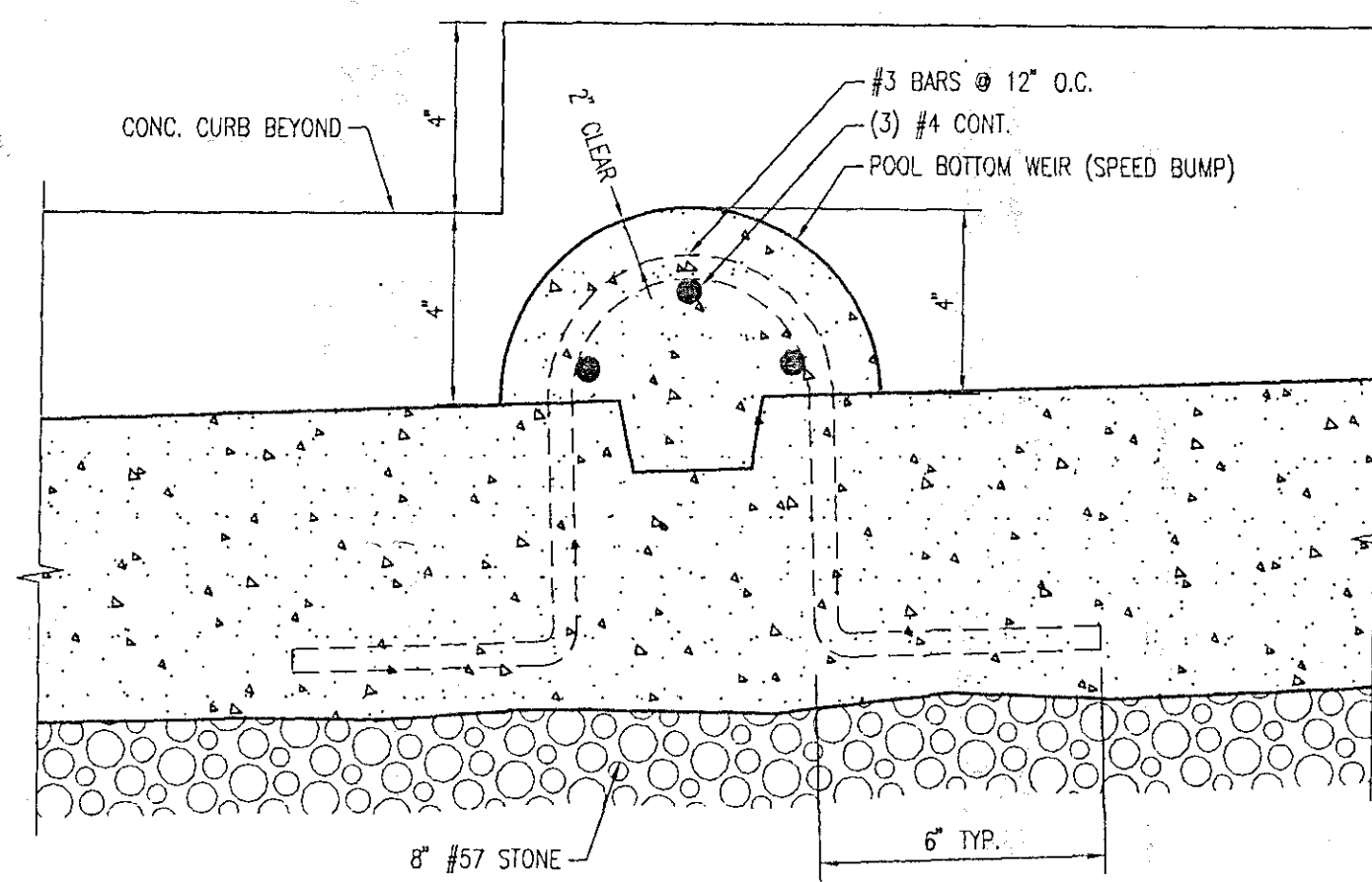
THESE AREAS TO BE INSPECTED AND TESTED PRIOR TO WALL RECONSTRUCTION TO DETERMINE EXISTING CONDITIONS OF POOL SLAB COMPLIANCE OF CONSTRUCTION WITH ORIGINAL DESIGN AND SUITABILITY FOR RECONSTRUCTION. IF NECESSARY, SLABS TO BE REMOVED AND REPLACED. SUPPLEMENTAL DETAILS WILL BE PROVIDED IF REQUIRED.



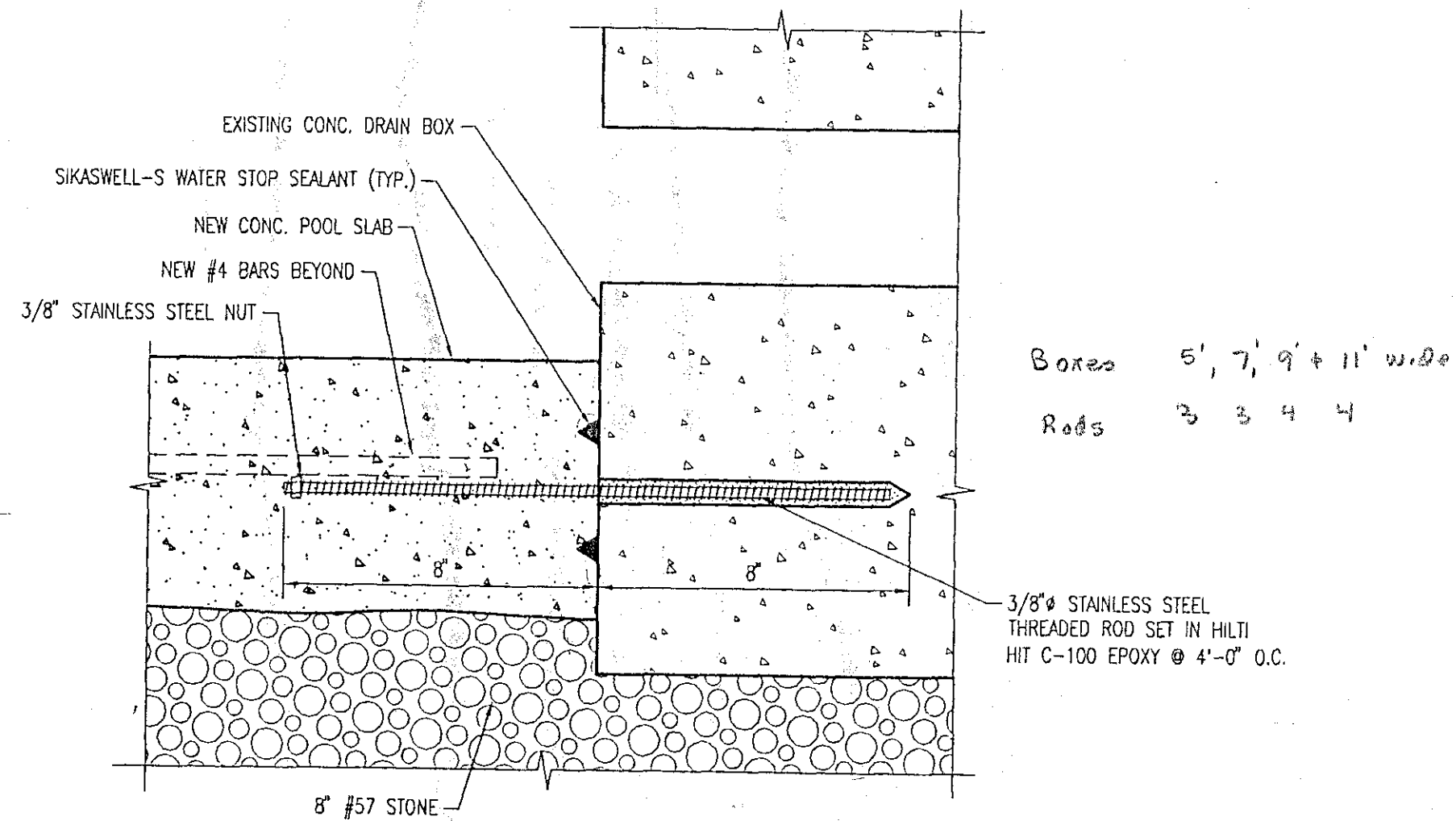
2
2 | 3
WALL SECTION - EAST END
SCALE: 1/4" = 1'-0"



3
2 | 3
NEW POOL SLAB EXPANSION JOINT AT NEW POOL SLAB
SCALE: 3" = 1'-0"



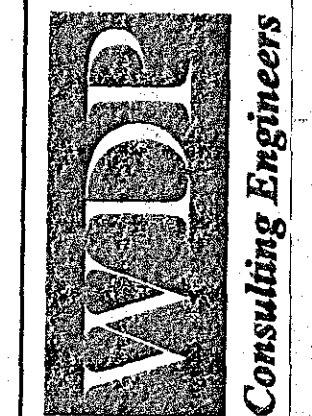
4
2 | 3
POOL BOTTOM WEIR (SPEED BUMP)
SCALE: 3" = 1'-0"
NOTE: SPEED BUMPS TO BE ANGLED SLIGHTLY TO ASSURE POOL DRAINAGE.



5
2 | 3
SECTION AT DRAIN BOX
SCALE: 3" = 1'-0"

Boxes 5', 7', 9' + 11' w.o.o
Rods 3 3 4 4

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wdp@crisis.com

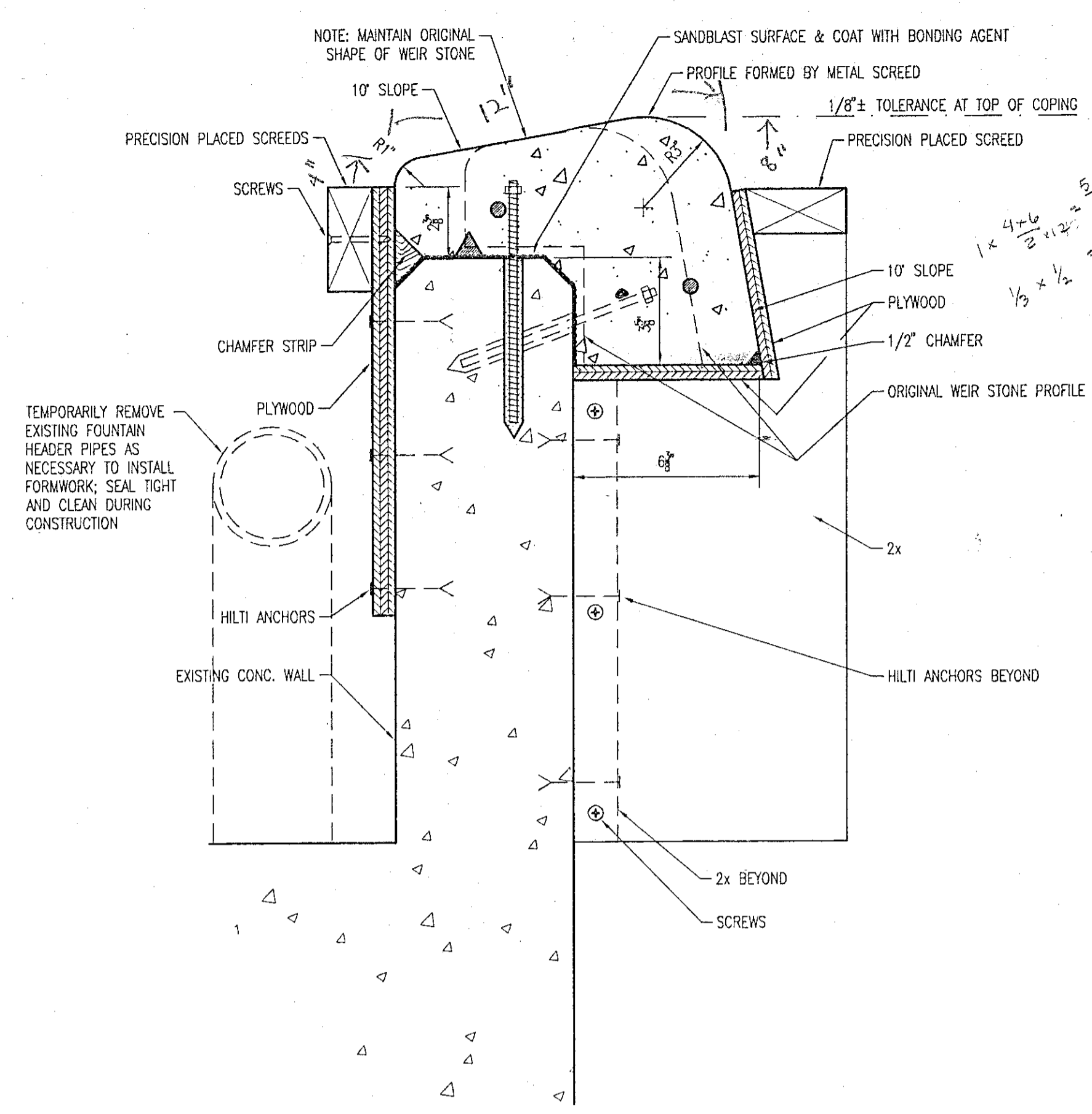


WICHITA WATER WALL
WICHITA, KANSAS
WATER WALL RECONSTRUCTION
SUPPLEMENTAL DETAILS

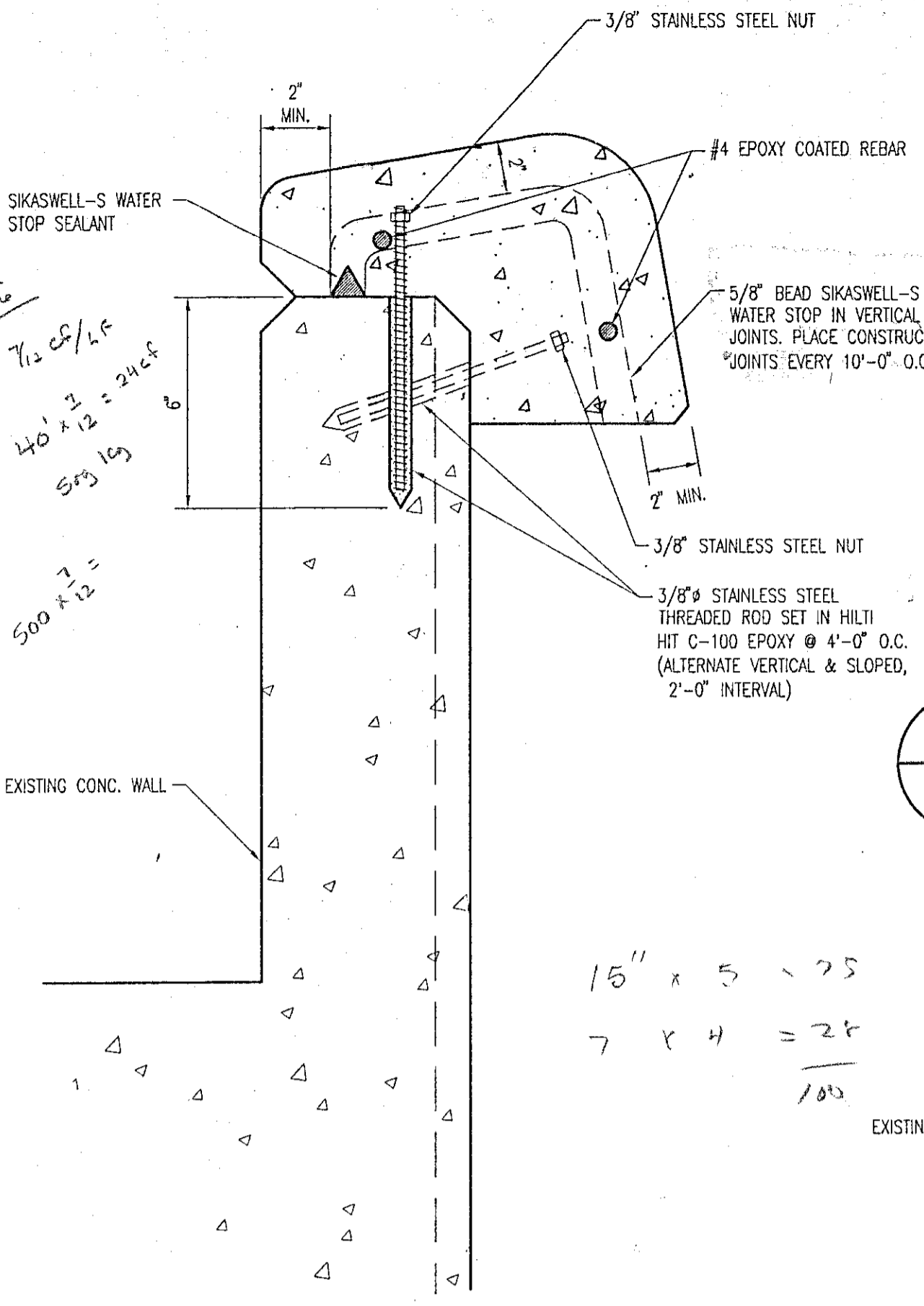
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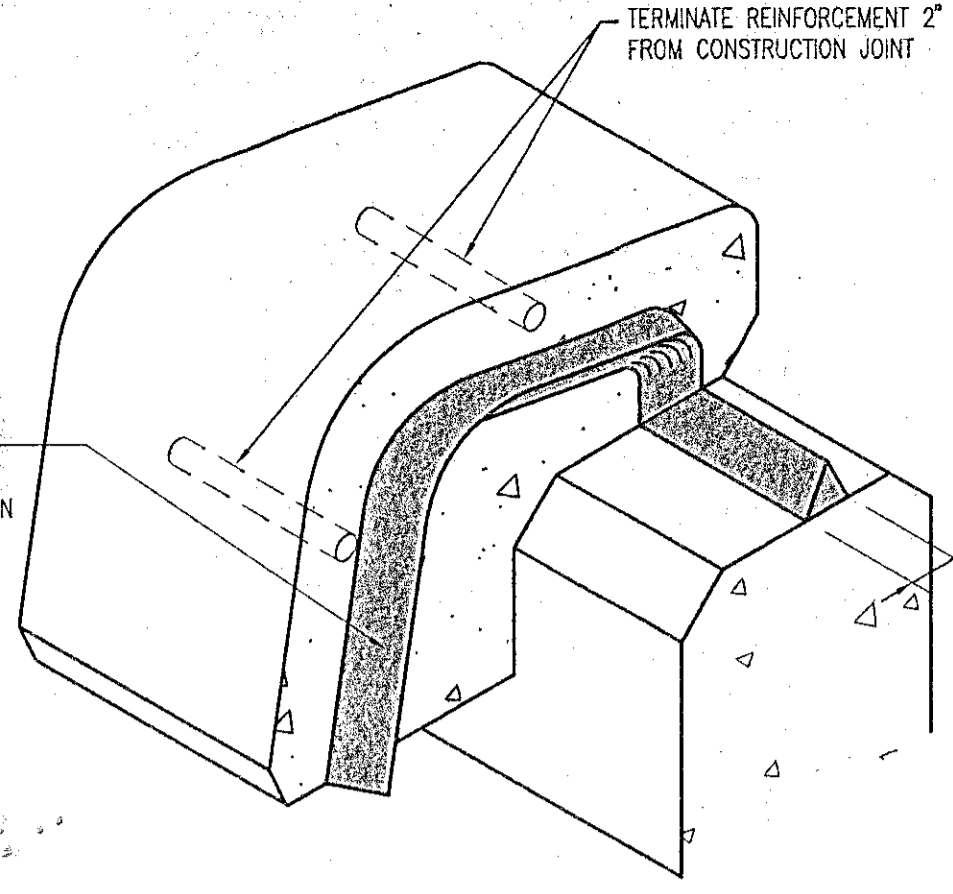
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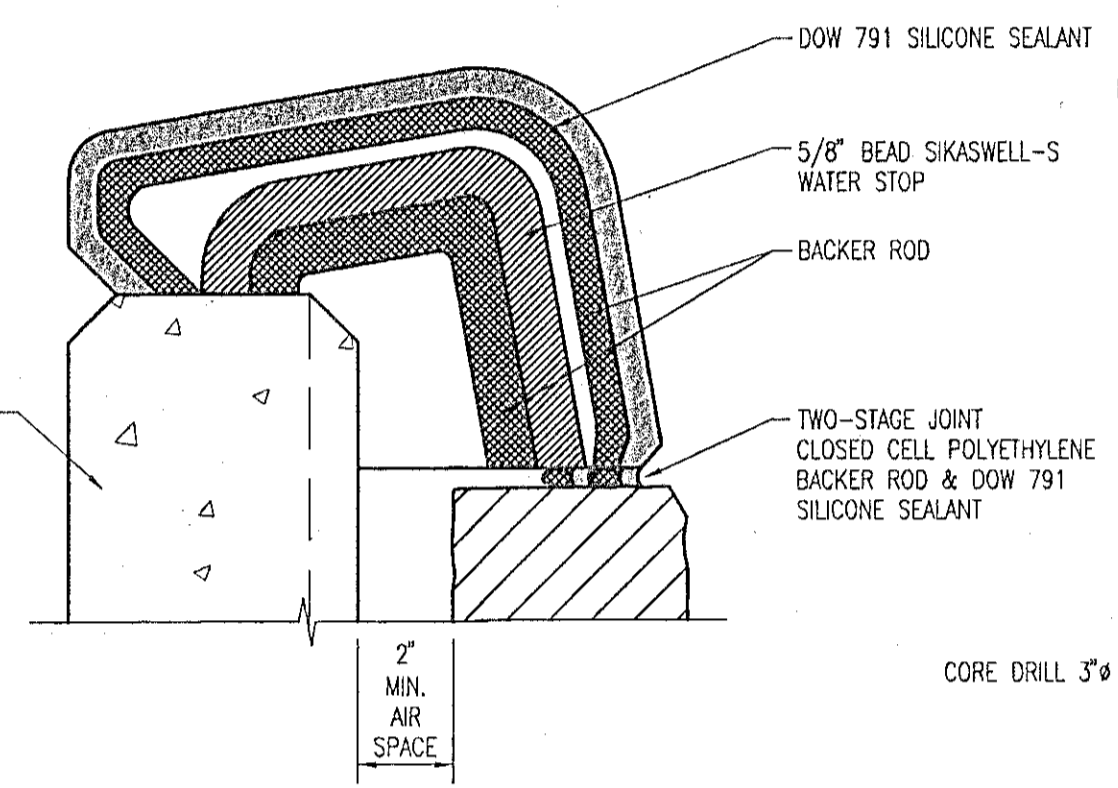
1
4 | 4
NEW WEIR CAP CONCEPTUAL FORMING DETAILS
SCALE: 3"=1'-0"



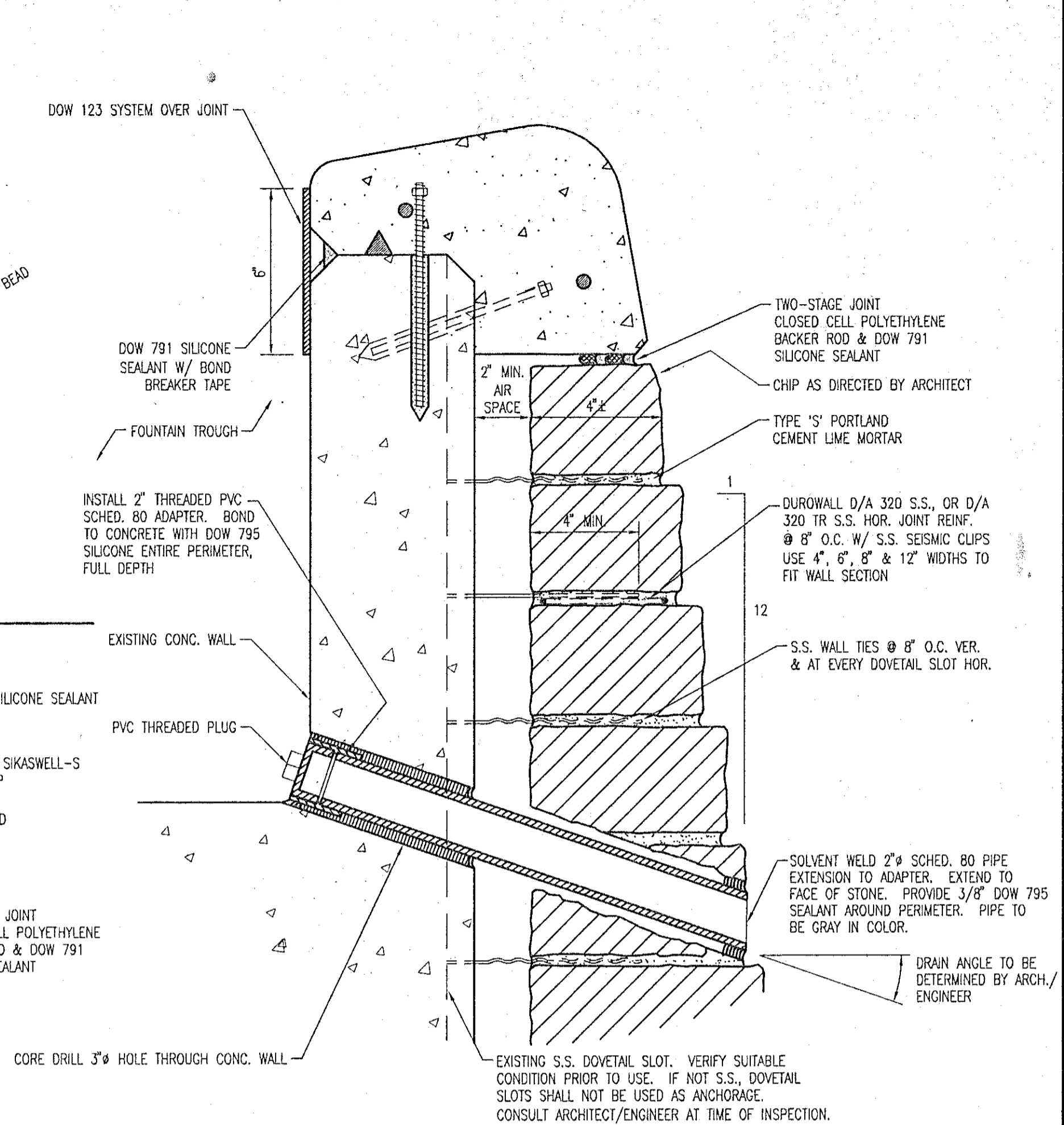
2
4 | 4
NEW WEIR CAP REINFORCEMENT DETAILS
SCALE: 3"=1'-0"



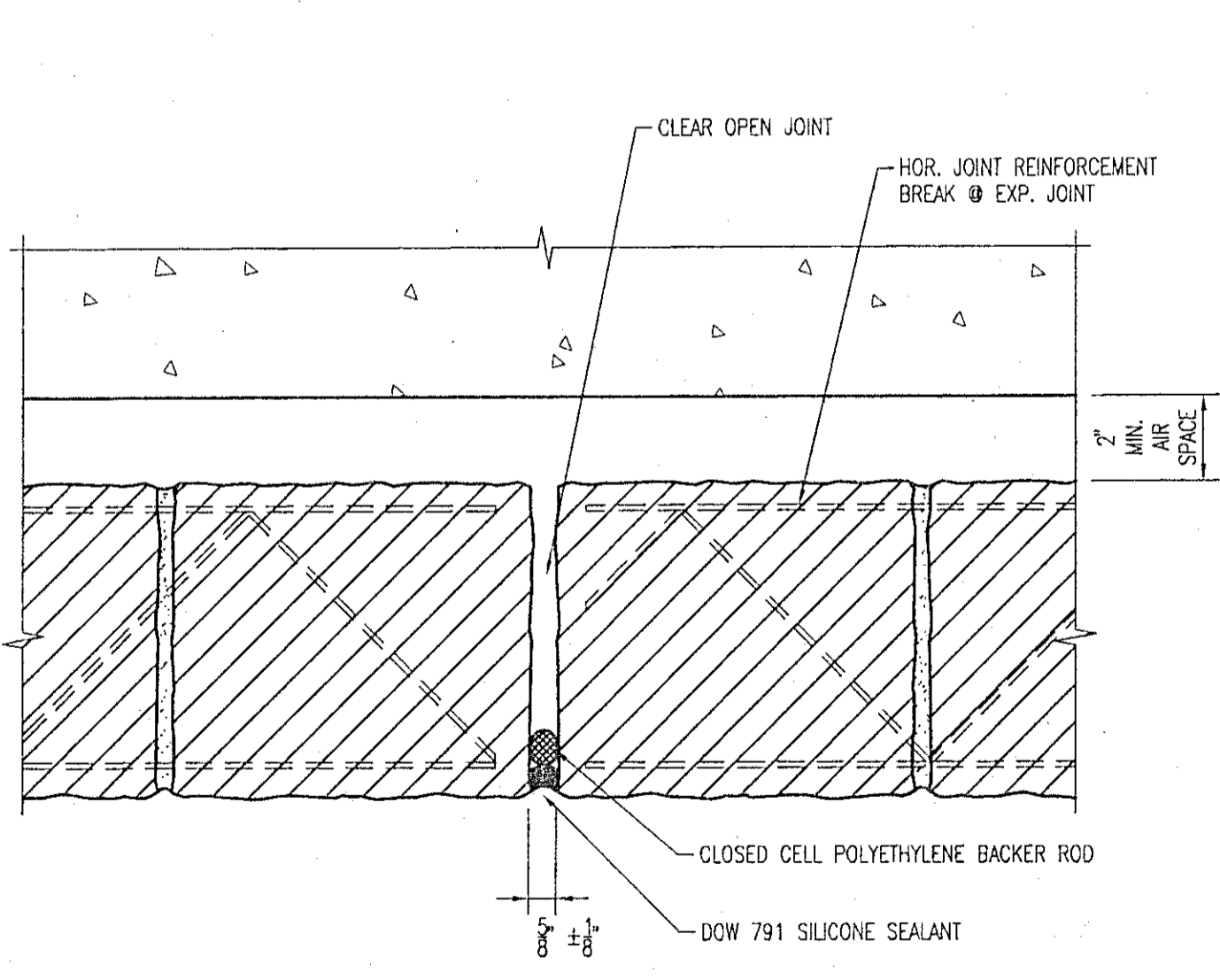
3
4 | 4
ISOMETRIC AT WEIR CONST. JOINTS, EVERY 10'-0"
SCALE: NONE



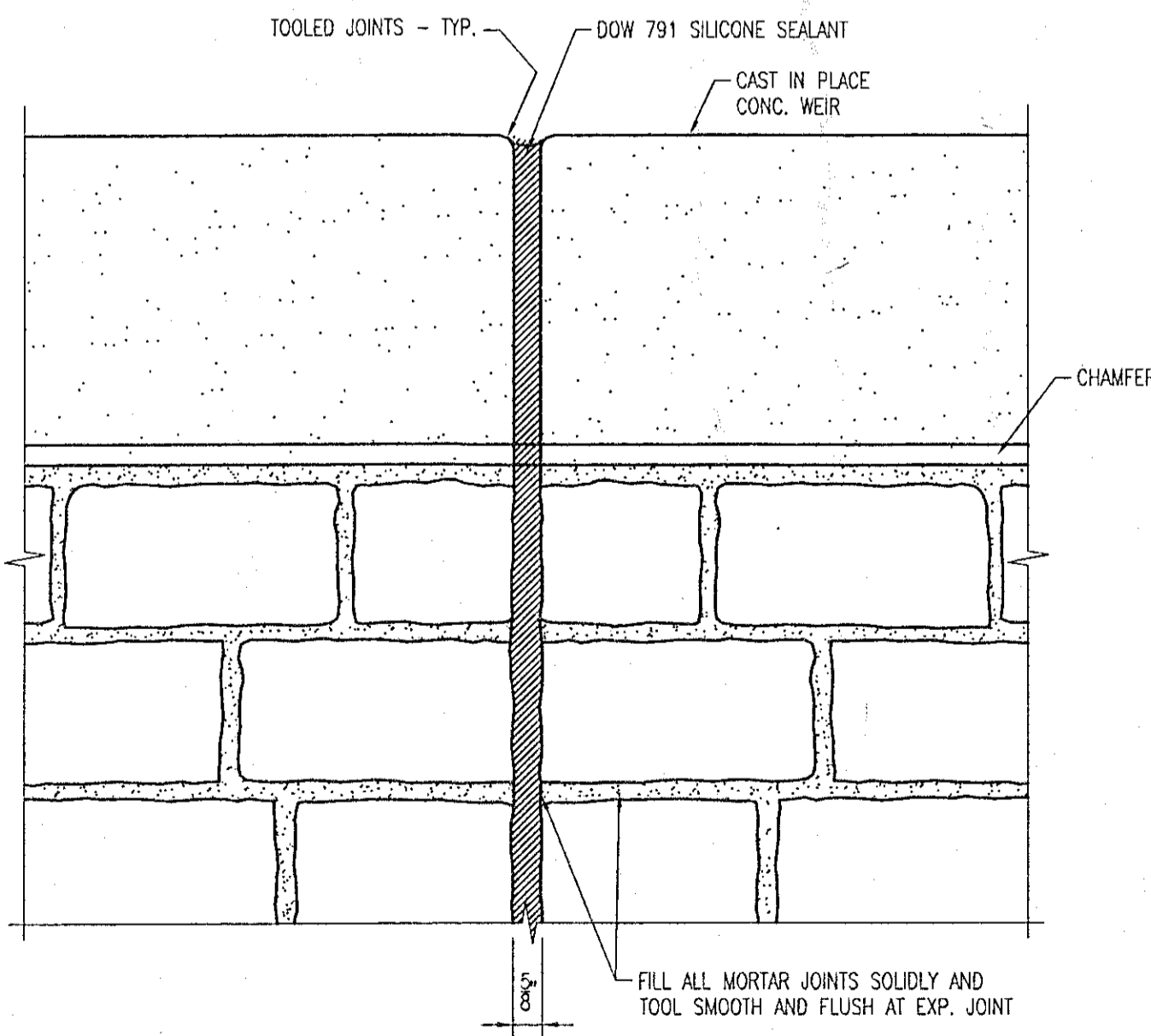
4
4 | 4
WEIR AT EXPANSION JOINT EVERY 20'-0"
SCALE: NONE



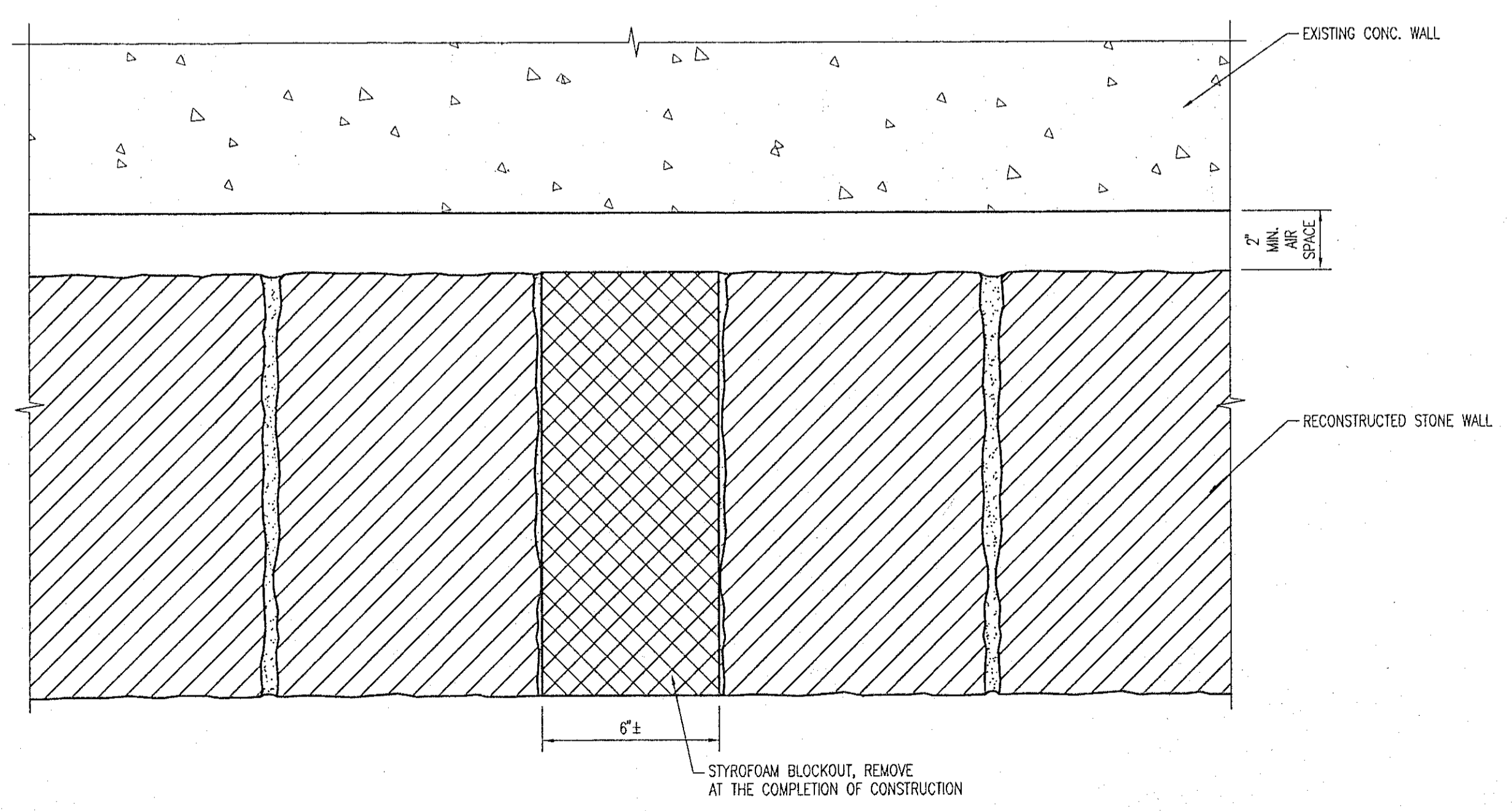
5
4 | 4
STONE WALL REINFORCEMENT DETAILS & TROUGH DRAIN DETAIL
SCALE: 3"=1'-0"
NOTE: TROUGH DRAINS ARE ON SOUTH FACE OF WALL, SEE PLAN FOR LOCATION.



6
4 | 4
PLAN SECTION @ EXPANSION JOINT DETAIL
SCALE: 3"=1'-0"

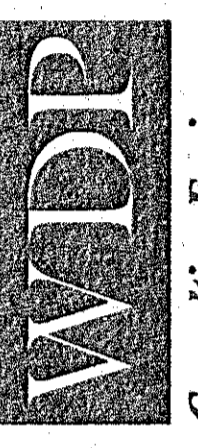


7
4 | 4
ELEVATION @ EXPANSION JOINT @ 20'-0"
SCALE: 3"=1'-0"



8
4 | 4
PLAN SECTION AT BASE
SCALE: 3"=1'-0"

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WICHITA WATER WALL
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WATER WALL RECONSTRUCTION
SUPPLEMENTAL PLANS & DETAILS

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DRAFT	CHECK	DESIGN

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