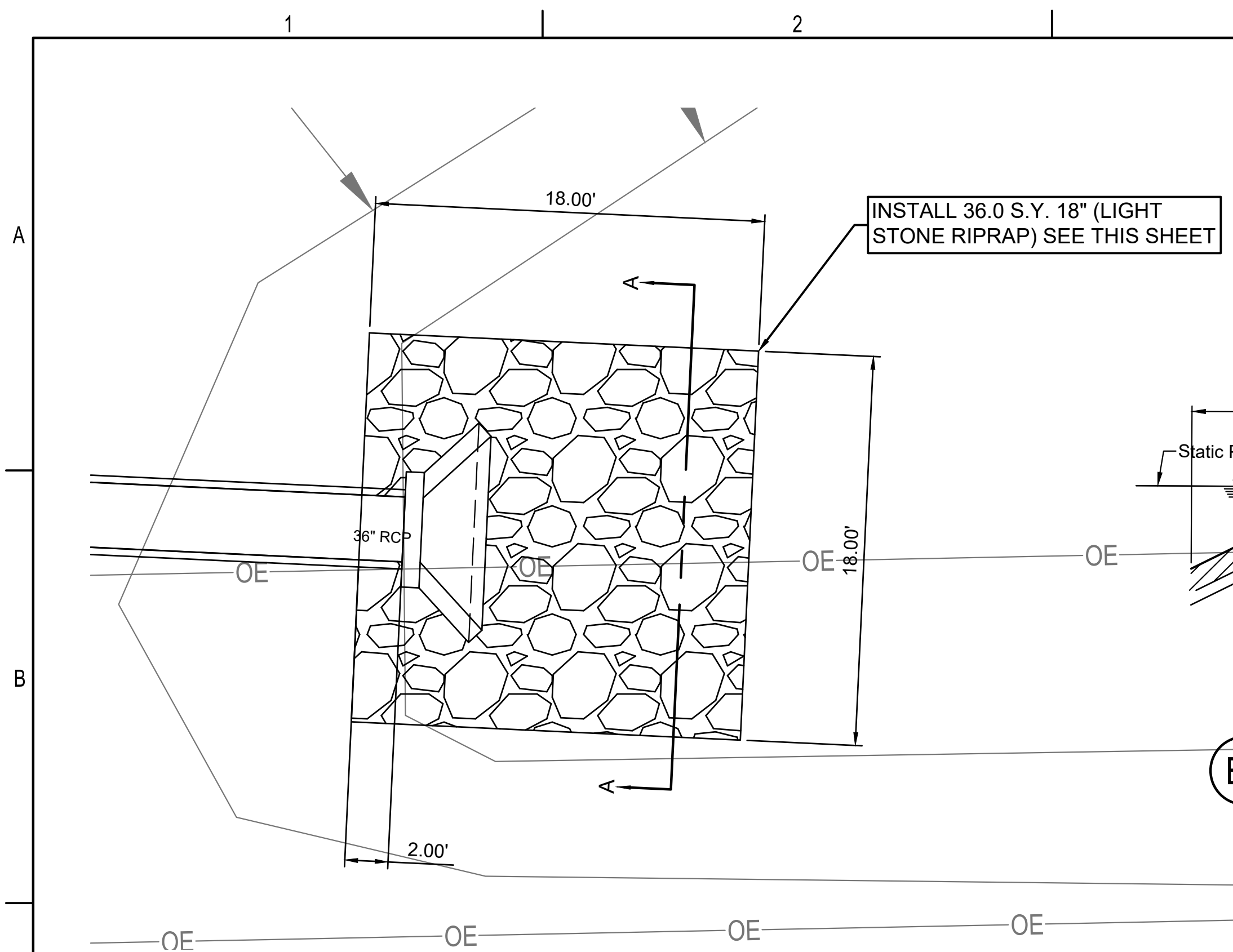
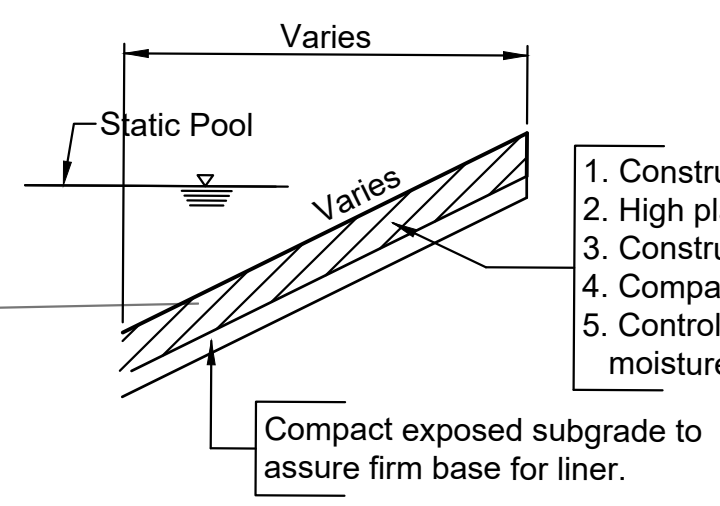


SAVED 9/8/2022 11:06:05 AM BY CARLOS PEREZ
 PLOTTED 9/8/2022 4:14:59 PM BY LUKE PETER
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C1 HEADWALL PLAN
NOT TO SCALE



1. Construct 12 inches of clay liner.
2. High plasticity clay (PI>25) shall be used.
3. Construct liner in two 6-inch lifts.
4. Compact to 95% of Standard Proctor Density (ASTM D-698).
5. Control moisture within minus 3% to plus 3% of optimum moisture content.

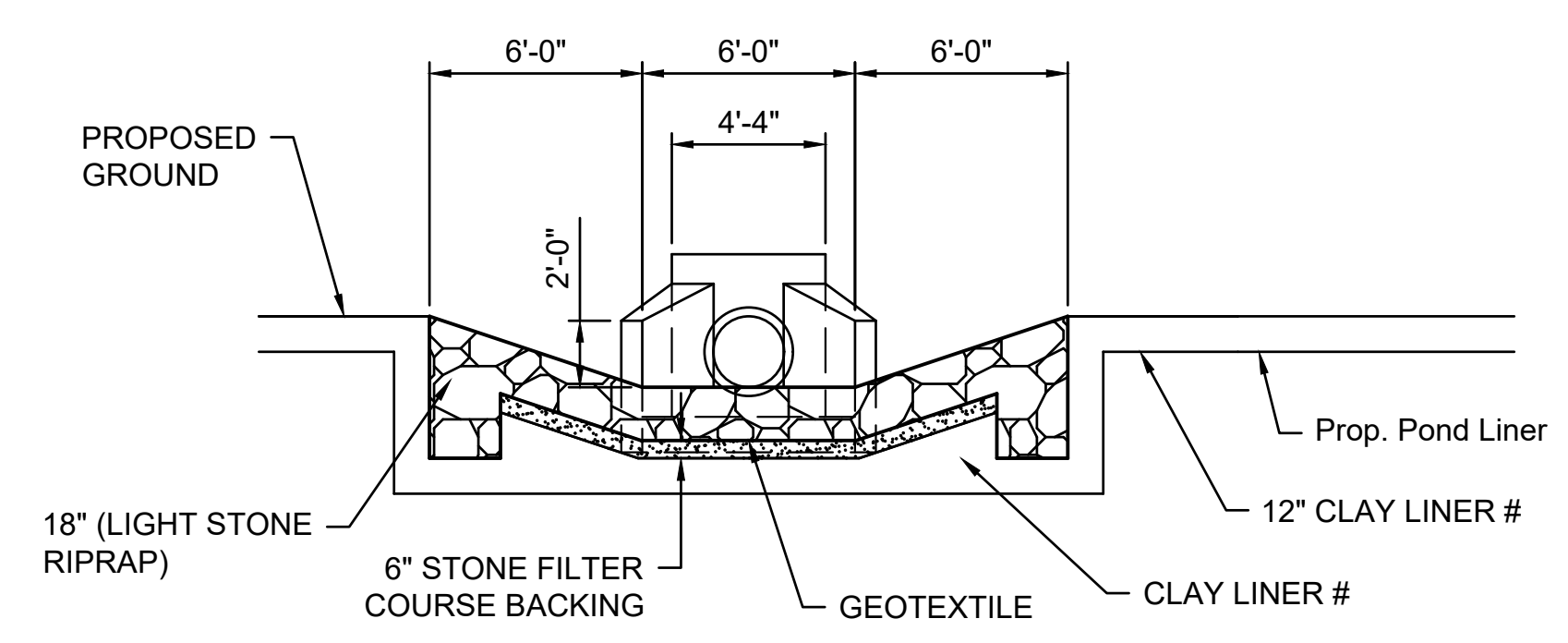
B3 CLAY LINER CONSTRUCTION PROCEDURE FOR POND SEALING
NOT TO SCALE

THE TRENCH ZONE INDICATED SHALL BE BACKFILLED ENTIRELY WITH CLAY MATERIAL MEETING THE REQUIREMENTS AS BELOW. NO GRANULAR BACKFILL WILL BE ALLOWED IN THIS AREA, EXCEPT THAT THE TOP 4" OF BACKFILL SHALL BE ON-SITE TOPSOIL. ANY COSTS ASSOCIATED WITH THIS WORK SHALL BE SUBSIDIARY TO "SITE RESTORATION".

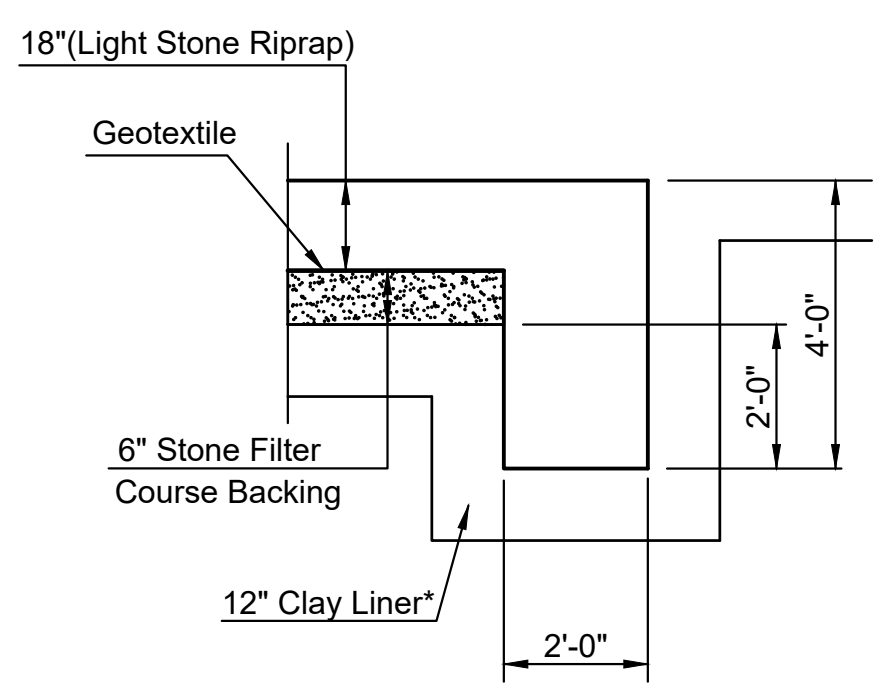
PROPERTY	TEST METHOD	TEST VALUE
MIN. % PASSING #200 SIEVE	ASTM D1140	80
MIN. LIQUID LIMIT	ASTM D4318	40
MIN. PLASTICITY INDEX	ASTM D4318	25

RIPRAP NOTES

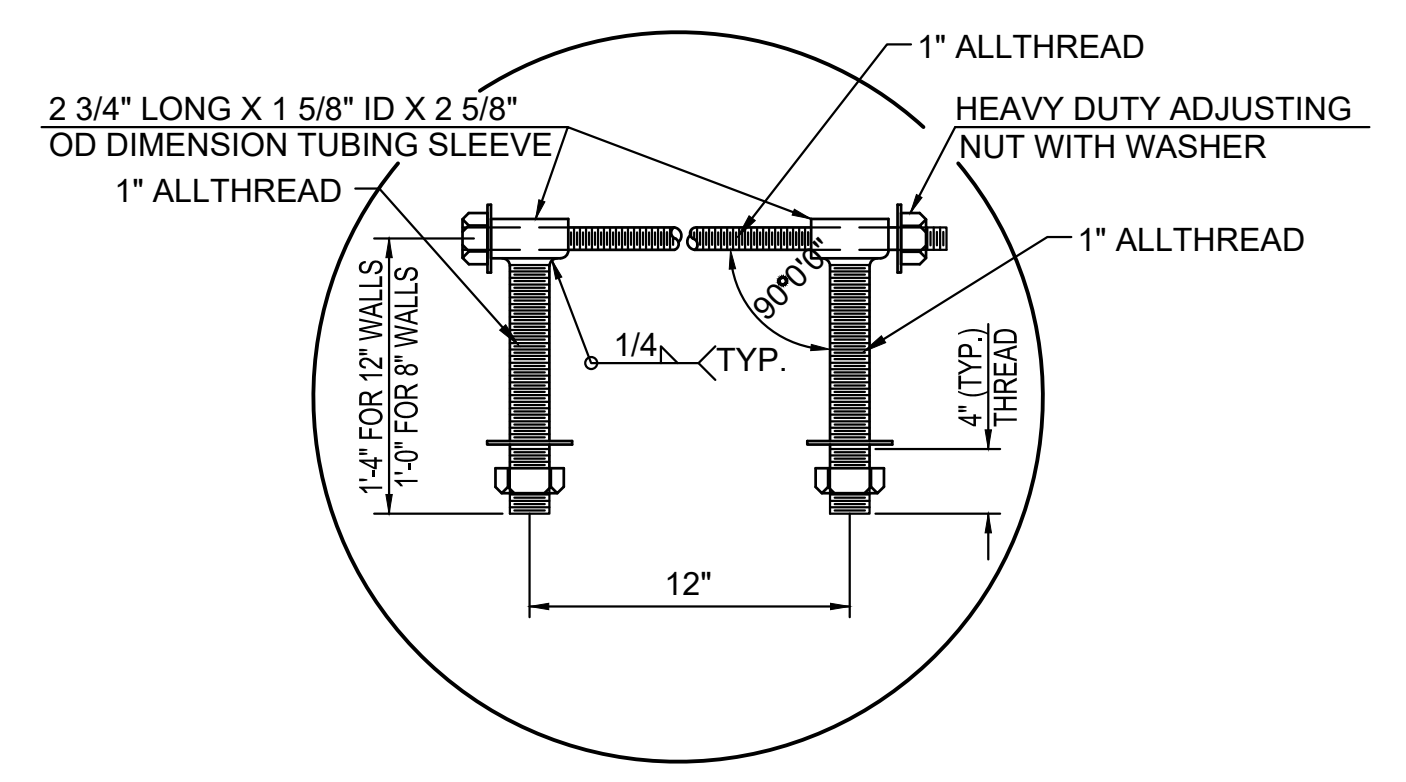
1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED.
2. TOEWALLS SHALL BE INSTALLED ALONG ALL EDGES OF STONE RIPRAP OR AS SHOWN ON PLANS.
3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER SPECIFICATIONS.



E1 SECTION A-A
NOT TO SCALE
#- CLAY LINER SHALL MEET THE SAME REQUIREMENTS AS POND LINING.

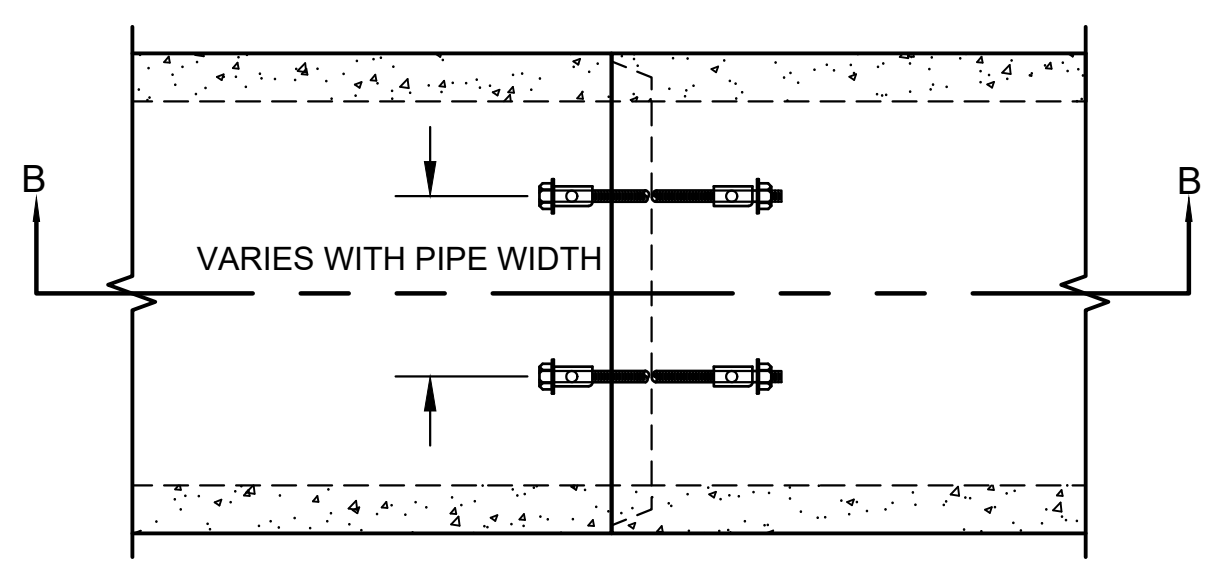


E3 TYPICAL SECTION THRU WALL
NOT TO SCALE

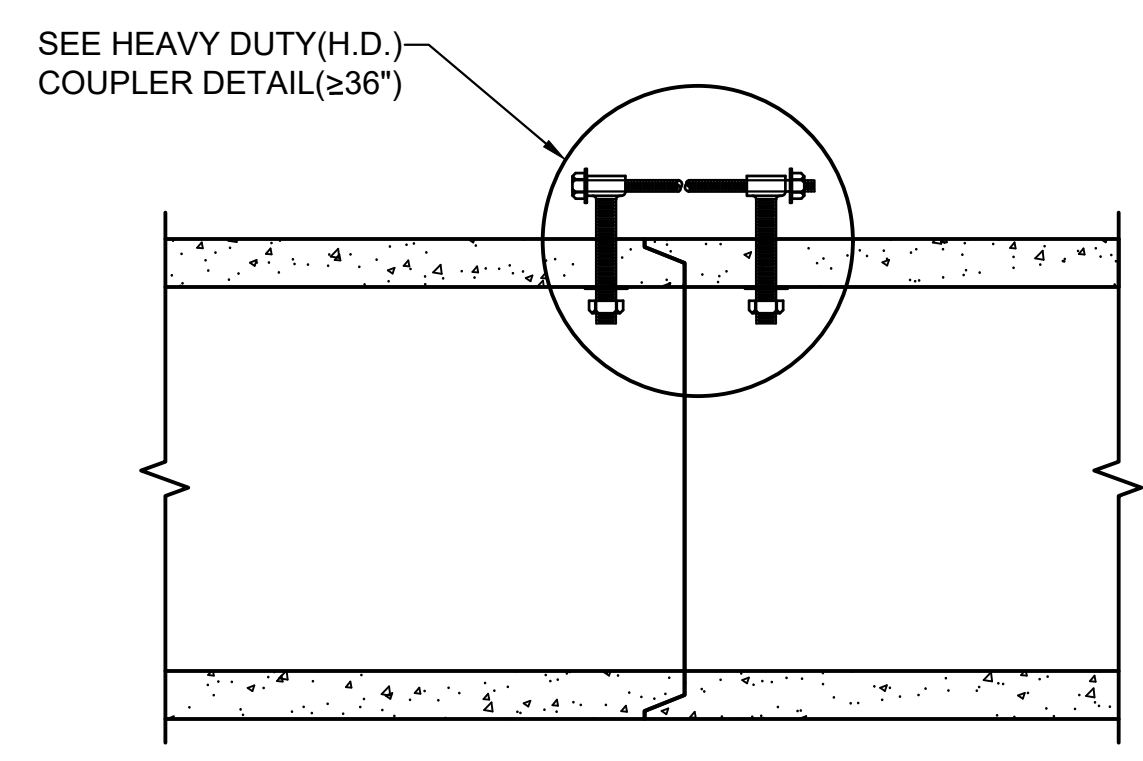


B5 HEAVY DUTY (H.D.) COUPLER (≥36")
NOT TO SCALE

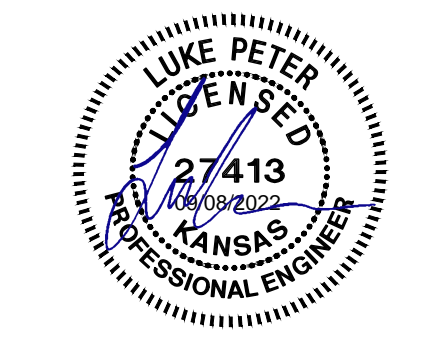
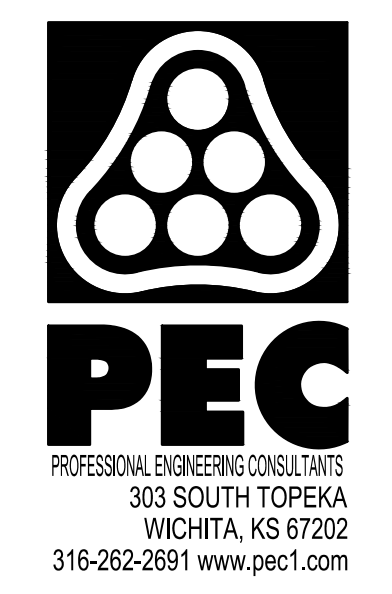
- NOTES**
1. BOLTS TO BE A-36 1 1/2" DIAMETER.
 2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
 3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
 4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.



D5 PLAN VIEW
NOT TO SCALE



E5 SECTION B-B
NOT TO SCALE



PAVING IMPROVEMENTS TO SERVE THE VILLAS AT OAK CREEK 3RD ADDITION
 GARY JANZEN, P.E. - CITY ENGINEER
 CITY OF WICHITA ENGINEERING PROJECT NO. 472-2022-085795

JOB NO.	210524-000
DATE	SEPTEMBER 2022
PM	TPA
DESIGNED BY	AKL, LGP
DRAWN BY	CP
CHECKED BY	RJS

RIP RAP DETAILS