

**PROJECT LOCATION**

RE: 00204680-000000

LOT 10 & E'LY 1/2 LOT 11, BLOCK 13  
BREEZESWEPT BEACH ESTATES  
RAMROD KEY  
P.B. 4, PG. 143  
SEC. 32, TWP. 66S, RGE. 29E  
LAT.: 24°39'12" N LONG.: 81°24'23" W

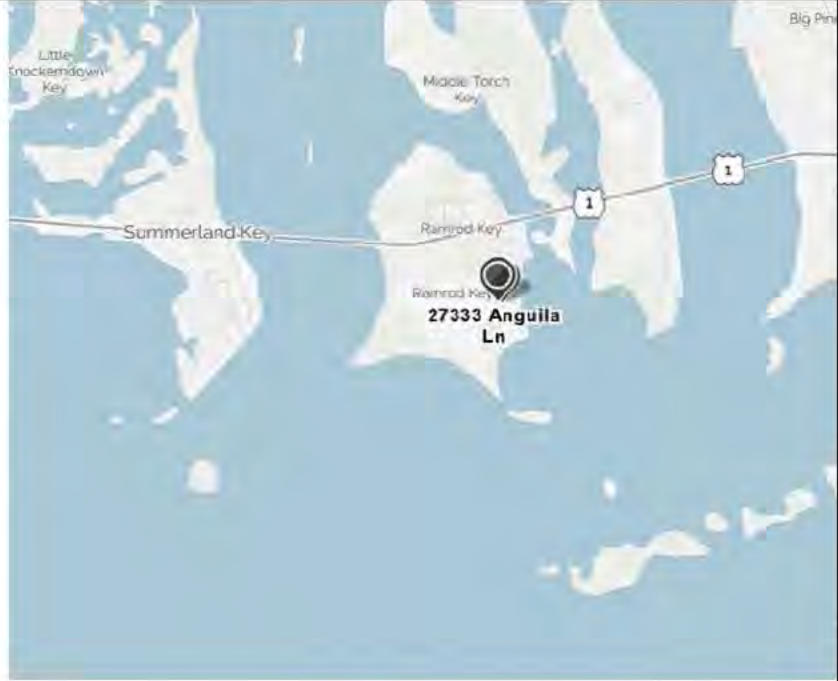
**DIRECTIONS:**

U.S. HIGHWAY NO. 1 SOUTH TO  
MM 27.5±. LEFT ● TRINIDAD ROAD. RIGHT  
● WEST INDIES DRIVE. RIGHT ●  
ANGUILA LANE.  
PROJECT SITE: 27333 ANGUILA LANE

**ADJOINING OWNERS**

PAUL & ANN NEFF  
114-1915 BROAD HOLLOW GATE  
MISSISSAUGA, ONTARIO L5L 6A3

BOUNDRY LTD  
26351 OLD STATE ROAD 4A  
RAMROD KEY, FL 33042



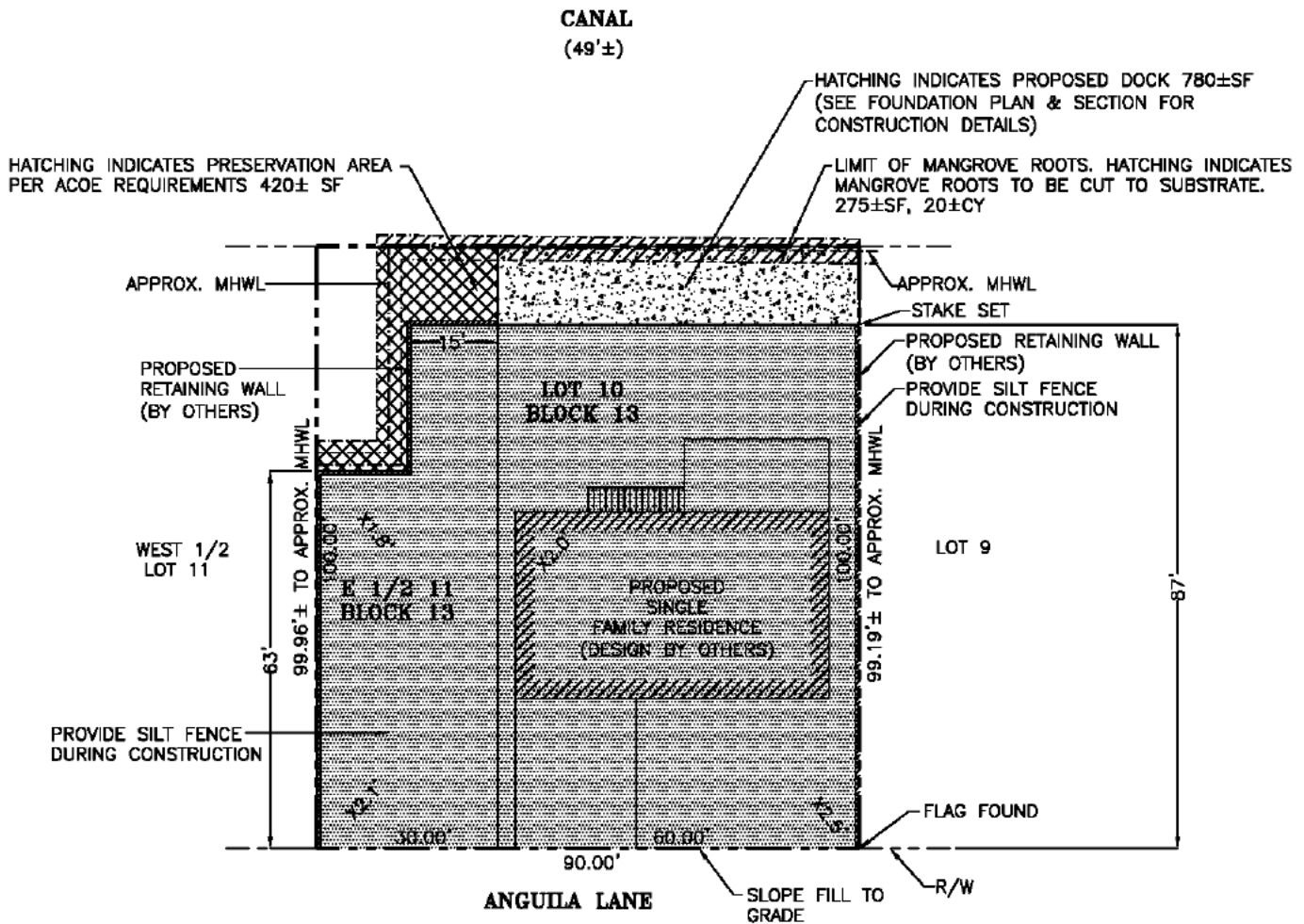
REVISIONS:

LOCATION & VICINITY MAP  
SCALE AS SHOWN

DOCK & FILL FOR RESIDENCE FOR PP KEYS BREEZE LLC  
27333 ANGUILA LANE  
RAMROD KEY, MONROE COUNTY, FL

GLEN BOE AND ASSOCIATES, INC. # 4081  
5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33060  
Telephone (305) 743-9121 Fax (305) 743-9187

DATE: 04/23/17



- NOTES:
- ELEVATIONS SHOWN ARE RELATIVE TO NGVD, I.E. x 3.2'
  - SHADING INDICATES AREA FOR PROPOSED FILL 7,475± S.F. / 290± C.Y.
  - PROVIDE SILT FENCE AROUND PROJECT PERIMETER DURING CONSTRUCTION (SEE DETAIL)

**SITE PLAN**  
SCALE: 1" = 30'



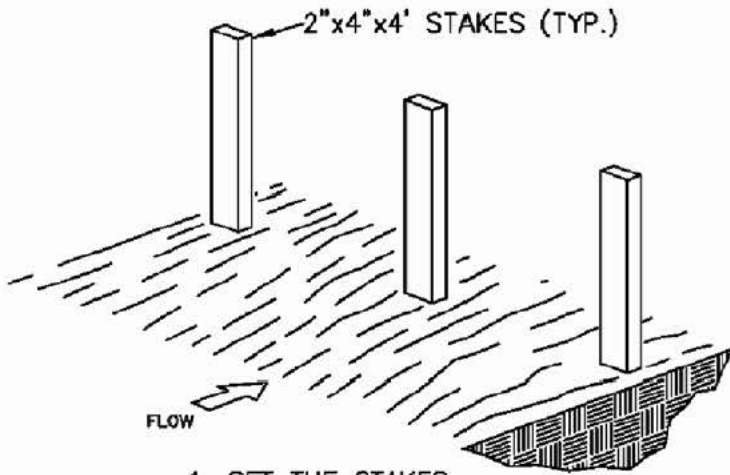
REVISIONS:	DATE
1	05/08/17
2	05/19/17

CERTIFIED BY:  
SEAN KIRWAN, P.E. #67506

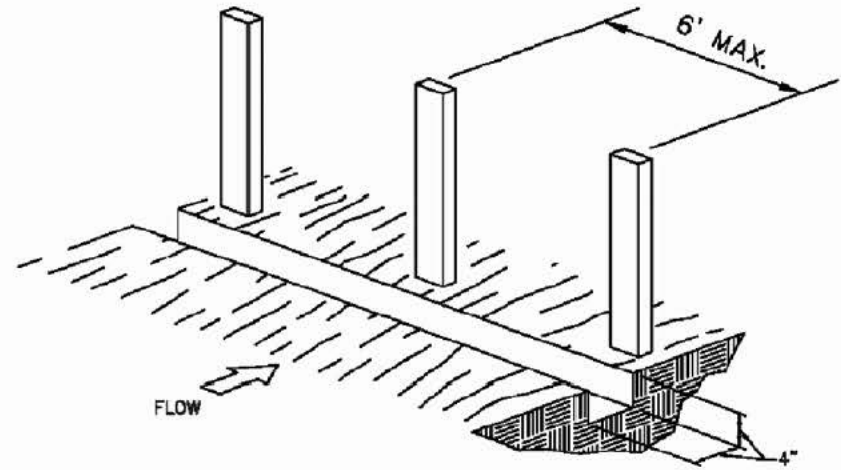
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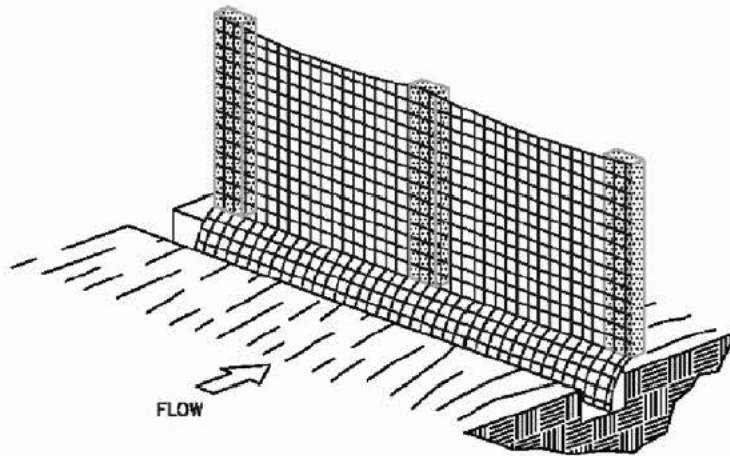
DATE: 04/03/17



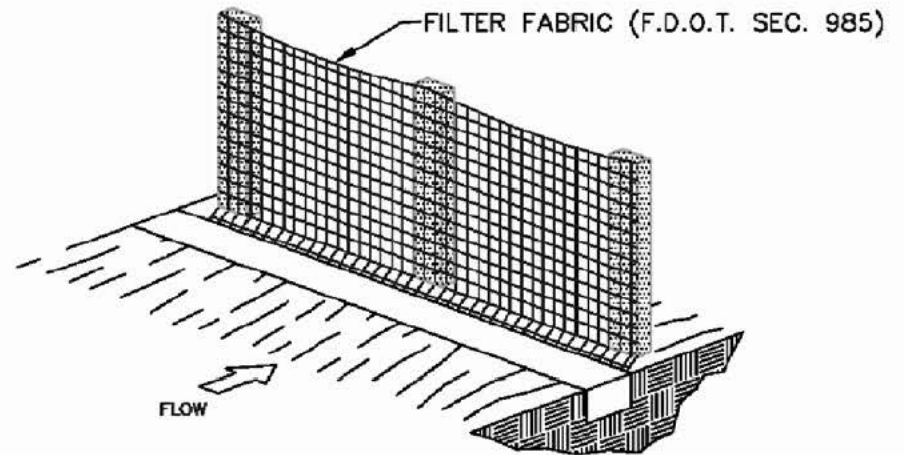
1. SET THE STAKES



2. EXCAVATE A 4"X4" TRENCH UPSLOPE ALONG THE LINE OF STAKES.

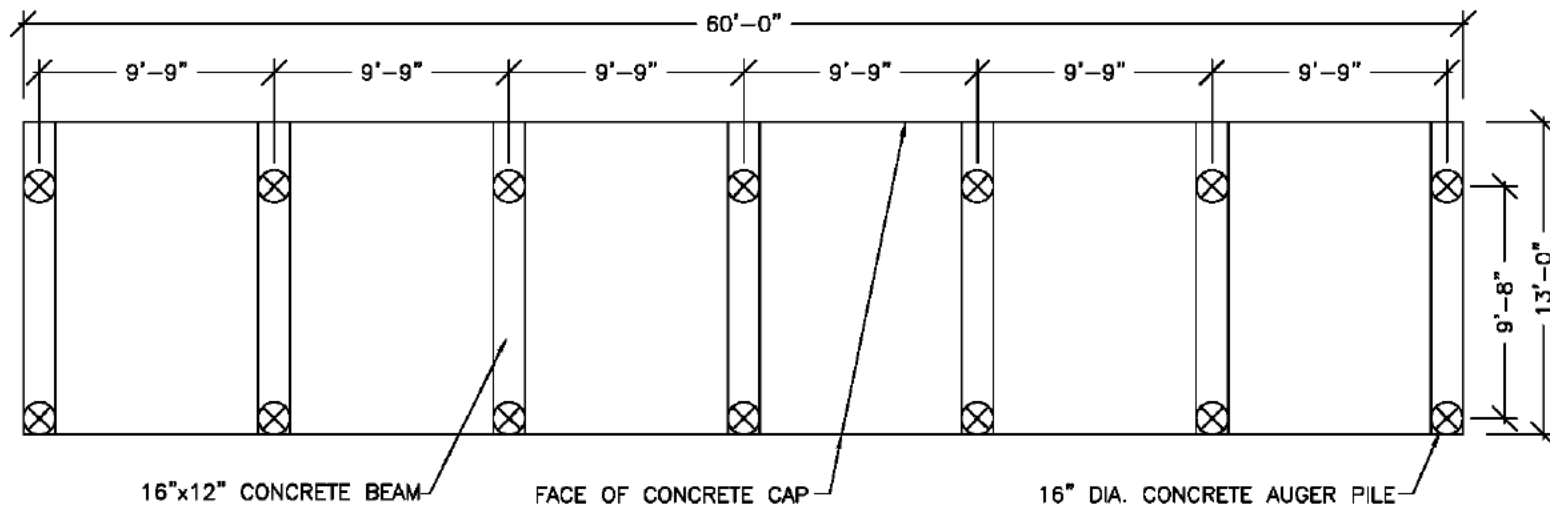


3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.



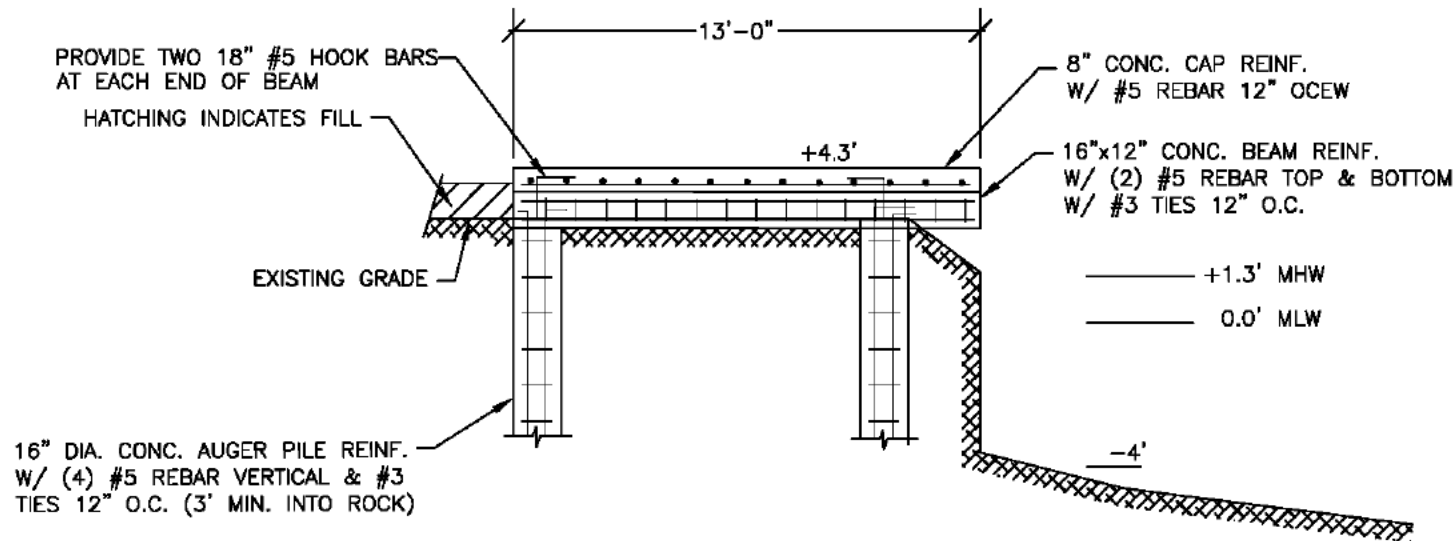
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

F.D.O.T. TYPE III FILTER FENCE

**FOUNDATION PLAN**

SCALE: 1/8" = 1'-0"



**TYPICAL SECTION**

SCALE: 3/16" = 1'-0"

SHEET 4 OF 5

4

DATE: 04/03/17  
**GLEN BOE AND ASSOCIATES, INC. # 4061**  
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 27333 ANGUILA LANE  
 RAMROD KEY, MONROE COUNTY, FL

CERTIFIED BY:  
 SEAN KIRWAN, P.E. #67606

REVISIONS:	

**CONSTRUCTION NOTES:**

1. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCING WORK. THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, THE ARMY CORPS OF ENGINEERS & LOCAL REGULATIONS SHALL GOVERN ALL WORK.
2. WORK SHOWN ON DRAWINGS IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (LATEST EDITION). FOLLOW ALL APPLICABLE PROVISIONS FOR ALL PHASES OF CONSTRUCTION.
3. THE PROPOSED STRUCTURE(S) IS DESIGNED FOR A LIVE LOAD OF 40 PSF. WIND LOADS ARE DESIGNED PER THE FLORIDA BUILDING CODE.
4. CONTRACTOR SHALL ADHERE TO THE STANDARD MANATEE CONSTRUCTION CONDITIONS (LATEST ADDITION). IF NEEDED, THE CONTRACTOR CAN CONTACT THE ARMY CORPS OF ENGINEERS OR THIS OFFICE TO OBTAIN A COPY OF THE STANDARD MANATEE CONSTRUCTION CONDITIONS.
5. BEST MANAGEMENT PRACTICES, INCLUDING THE USE OF TURBIDITY SCREENS, ARE REQUIRED TO ISOLATE THE CONSTRUCTION AREA FROM THE ADJACENT WATERS. CONTRACTOR SHALL INSTALL TURBIDITY SCREENS AROUND THE IMMEDIATE PROJECT AREA PRIOR TO CONSTRUCTION. THE TURBIDITY SCREENS REMAIN IN PLACE UNTIL WATER QUALITY CONDITIONS RETURN TO PRECONSTRUCTION CONDITIONS. WATER QUALITY MONITORING SHALL ADHERE TO STATE REGULATIONS.
6. ELECTRIC & WATER (DESIGN PROVIDED BY OTHERS UNLESS SHOWN) SHALL BE PROVIDED. CONTRACTOR SHALL COORDINATE FINAL LOCATION OF ALL PROPOSED UTILITIES WITH OWNER PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS & WATER DEPTHS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK.
8. THE STRUCTURAL INTEGRITY OF THE COMPLETED STRUCTURE DEPENDS ON INTERACTION OF VARIOUS CONNECTED COMPONENTS. PROVIDE ADEQUATE BRACING, SHORING, AND OTHER TEMPORARY SUPPORTS AS REQUIRED TO SAFELY COMPLETE THE WORK.
9. EXERCISE EXTREME CARE AND CAUTION WHEN EXCAVATING AND FILLING ADJACENT TO EXISTING STRUCTURES. UNDER NO CIRCUMSTANCES SHALL THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURES BE IMPAIRED IN ANY WAY BY CONSTRUCTION OPERATIONS AND PROCEDURES. DO NOT EXCAVATE OR DISTURB SOIL ADJACENT TO OR BENEATH EXISTING FOOTINGS.
10. CONTRACTOR SHALL COORDINATE INSTALLATION OF CLEATS, LADDERS, PILE CAPS, AND OTHER DOCK ACCESSORIES WITH OWNER PRIOR TO CONSTRUCTION. ALL DOCK ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. STAINLESS STEEL HARDWARE SHALL BE USED FOR ALL CONNECTIONS TO DOCK. PROVIDE A MINIMUM OF 3" CLEARANCE FROM EDGE OF STRUCTURE TO EDGE OF BOLTS.

**CONCRETE CAP, BEAMS & AUGER PILES**

CAST IN PLACE CONCRETE SHALL BE TYPE II CONCRETE WITH A COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS. MAXIMUM WATER-CEMENTIOUS MATERIALS RATIO BY WEIGHT RATIO SHALL BE 0.40. SLUMP SHALL NOT EXCEED 5" (1"±).

REINFORCING BARS SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A 615, GRADE 60. ALL DETAILING AND ACCESSORIES TO CONFORM TO ACI DETAILING MANUAL (LATEST ADDITION).

PROVIDE 3/4" CHAMFER ON ALL EXPOSED CONCRETE EDGES.

PROVIDE LIGHT BROOM FINISH ON ALL EXPOSED CONCRETE SLABS.

REINFORCED CONCRETE CONSTRUCTION TO CONFORM TO ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

PROVIDE SLEEVES FOR ALL PIPES, CONDUITS, ETC. THAT PENETRATE CONCRETE STRUCTURAL MEMBERS PRIOR TO PLACEMENT OF CONCRETE. CUTTING OR DRILLING OF HARDENED CONCRETE NOT PERMITTED.

DO NOT EMBED HORIZONTAL CONDUITS, PIPES, ETC., IN HORIZONTAL CONCRETE STRUCTURAL MEMBERS UNLESS SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS.

REQUIRED CONCRETE COVER FOR REINFORCING STEEL (UNLESS NOTED OTHERWISE):

- CONCRETE CAP – TOP 2" MINIMUM, BOTTOM 2" MINIMUM, SIDES 3" MINIMUM
- CONCRETE BEAM – TOP 2" MINIMUM, BOTTOM 3" MINIMUM, SIDES 3" MINIMUM
- CONCRETE AUGER – TOP 3" MINIMUM, BOTTOM 3" MINIMUM, SIDES 3" MINIMUM

PROVIDE CHAIRS, SPACERS, TIES, AND ALL DEVICES NECESSARY FOR PROPER PLACING, SPACING, SUPPORTING, AND FASTENING REINFORCEMENT AS REQUIRED BY ACI 315. PROVIDE CHAIRS, SPACERS, BOLSTERS, AND ITEMS IN CONTACT WITH FORMS WITH HOT-DIP GALVANIZED LEGS OR PLASTIC LEGS.

LAP SPLICE CONTINUOUS VERTICAL OR HORIZONTAL BARS IN CONCRETE MEMBERS BY WIRING TOGETHER IN CONTACT IN ACCORDANCE WITH ACI 318, LATEST EDITION, FOR CLASS "B" TENSION LAP SPLICES. DO NOT SPLICE CONTINUOUS TOP BARS IN BEAMS AT ENDS OF CLEAR SPANS. DO NOT SPLICE CONTINUOUS BOTTOM BARS IN BEAMS IN CLEAR SPANS BETWEEN SUPPORTS.

AUGER PILES SHALL PENETRATE FIRM ROCK 3' MIN.

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