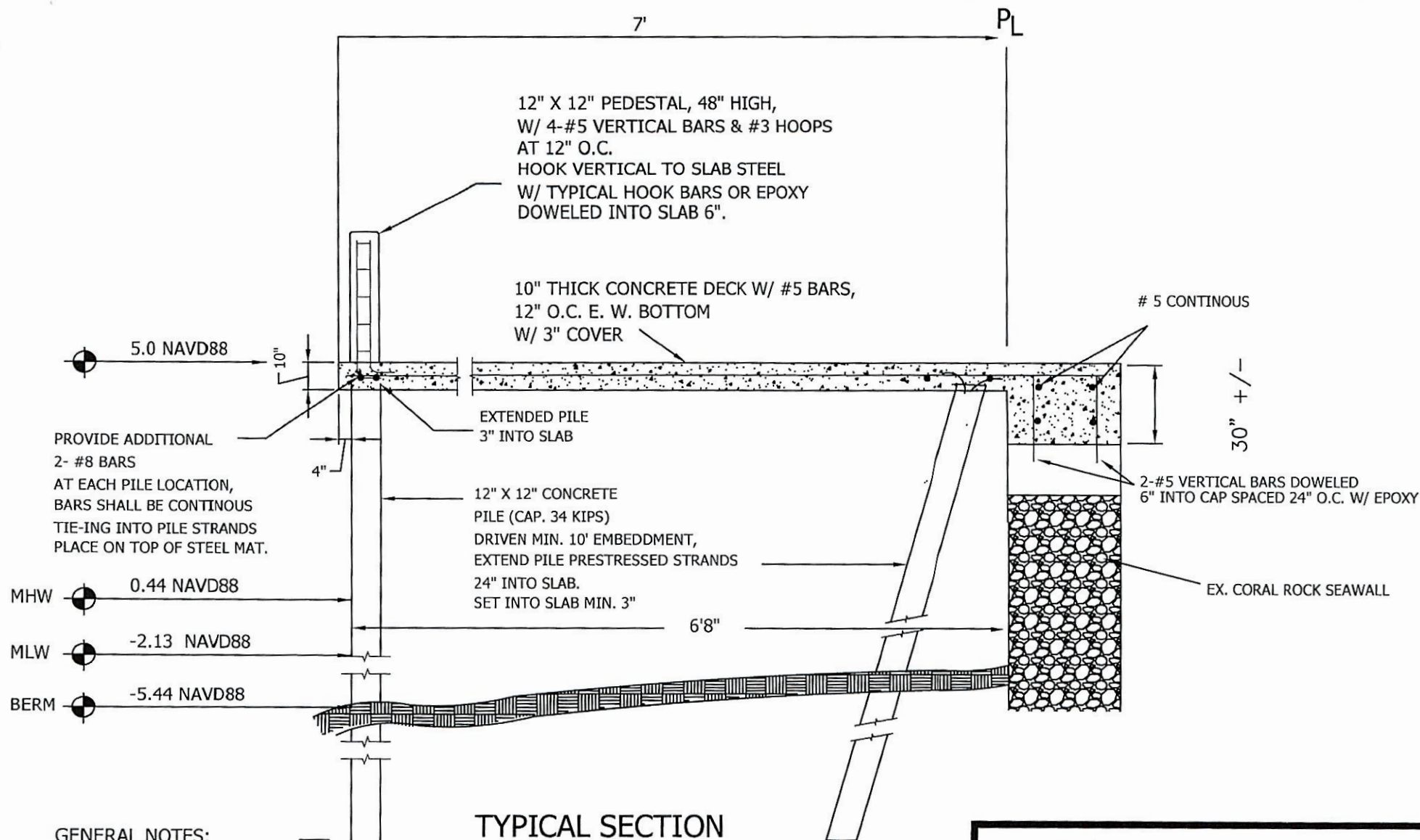


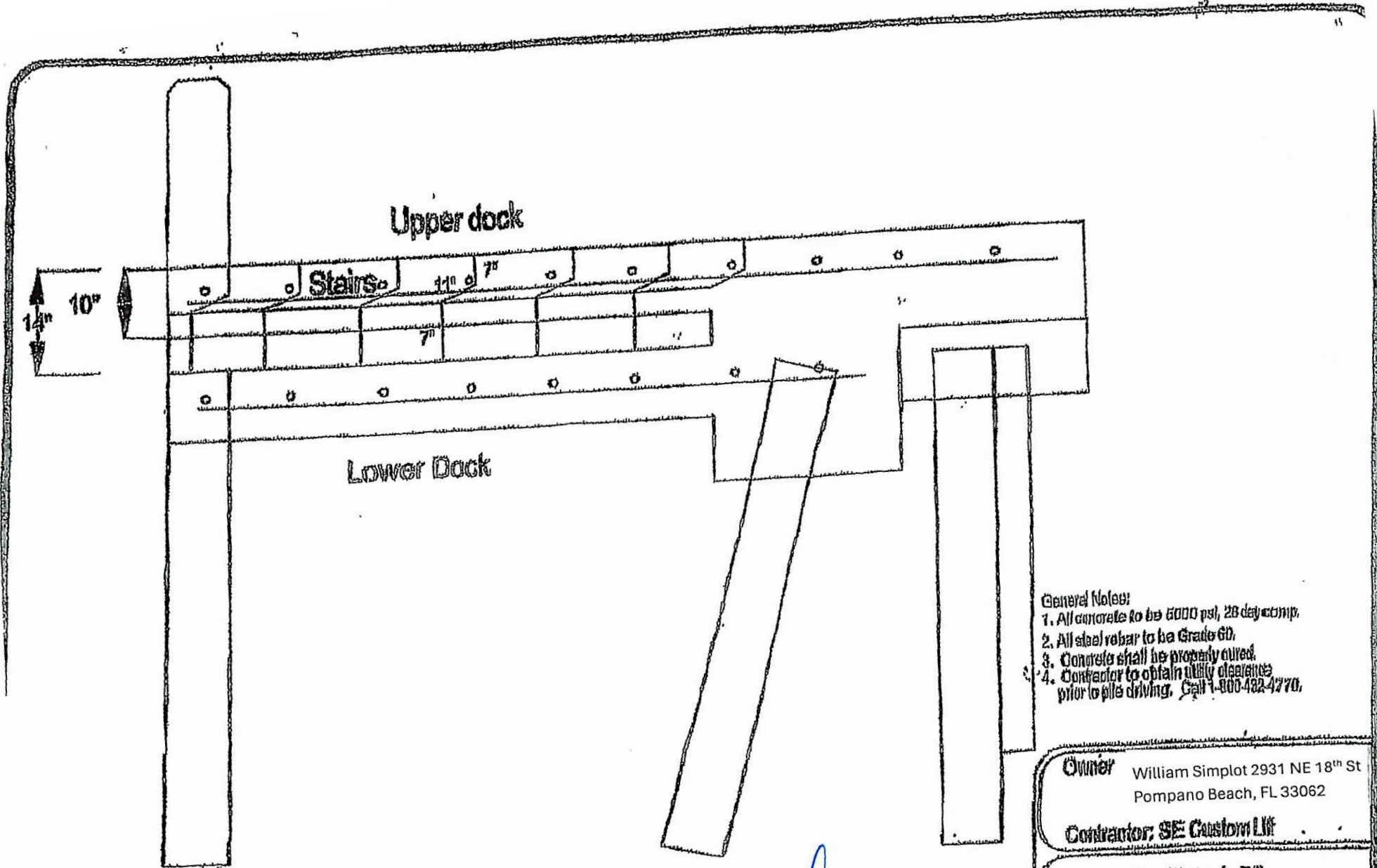


William Simplot 2931 NE 18th St Pompano Beach, FL 33062

Alan Garcia
ALAN GARCIA, P.E.
LICENSE #42564
4202 NW 54TH STREET
COCONUT CREEK, FL 33073

SOUTHEAST CUSTOM LIFT
SYSTEMS, INC.

MARINE CONSTRUCTION INC.
ESTABLISHED IN 1996



Typical Dock Elevation Section n.l.s.

Design is per 8th Edition FBC (2023) and
Wind loads per ASCE 7-22 HVHZ 170 mph

ALAN W. GARCIA, P.E.
FL REG. #42654

- General Notes:
1. All concrete to be 5000 psi, 28 day comp.
 2. All steel rebar to be Grade 60.
 3. Concrete shall be properly cured.
 4. Contractor to obtain utility clearances prior to pile driving. Call 1-800-432-4770.

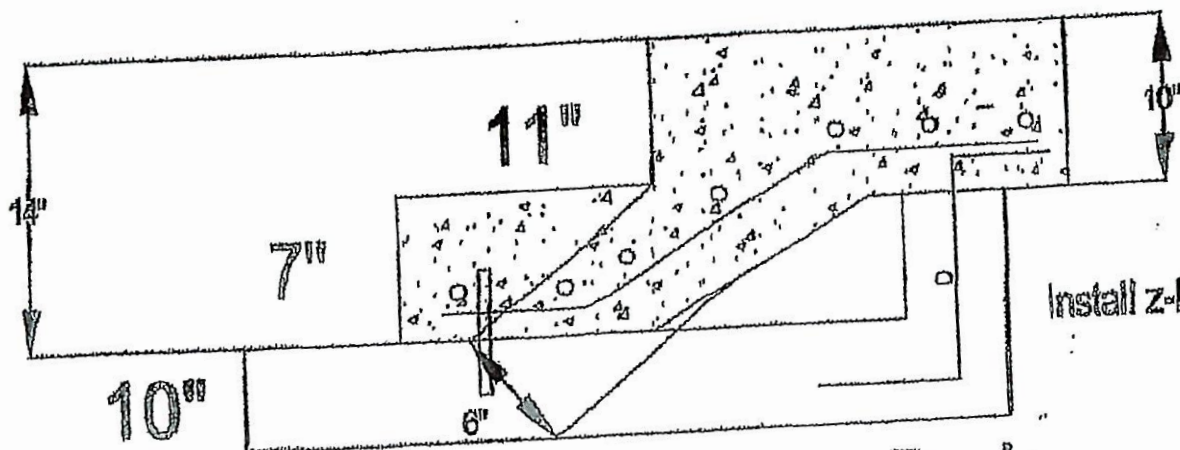
Owner William Simplot 2931 NE 18th St
Pompano Beach, FL 33062

Contractor: SE Custom Lift

Engineer: Alan W. Garcia, P.E.
4202 NW 54th Street
Coconut Creek, FL 33073

Concrete Dock Elevation
Sheet 1 of 1

Engineering: (10) 3000/2000 1000/1000



Upper Dock

Install z-bars 6" o.c. and one #5 horizontal

Lower Dock

#4 transverse and
#5 bottom, both 9" o.c.
(2) #5 in footer
Epoxy dowell #5 into lower dock
12" o.c.

Typical Stair Section
n.t.s.

Design is per 8th Edition FBC (2023) and
Wind loads per ASCE 7-22 HVHZ 170 mph

General Notes:

1. All concrete to be 5000 psi, 28 day comp.
2. All steel rebar to be Grade 60.
3. Concrete shall be properly cured.
4. Contractor to obtain utility clearance prior to pile driving. Call 1-800-432-4770.

Owner: William Simplot 2931 NE 18th St
Pompano Beach, FL 33062

Contractor: SE Custom Lift

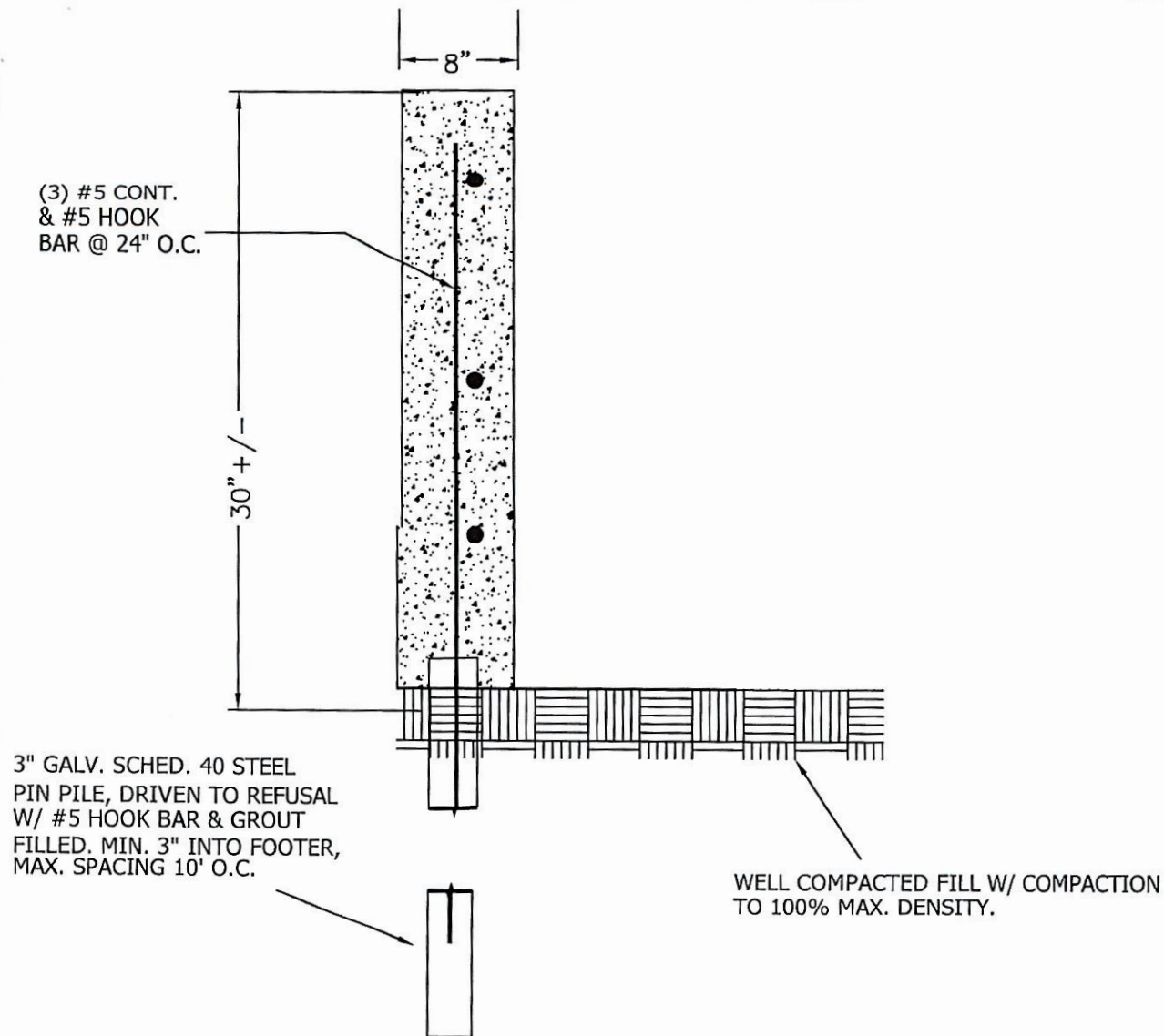
Engineer: Alan W. Garcia, P.E.
4202 NW 54th Street
Coconut Creek, FL 33073

Concrete Dock Stairs

Sheet 1 of 1

ALAN W. GARCIA, P.E.
FL. REG. #42654

Design By: AWG Drawn By: AWG Check By: AWB



TYPICAL CONCRETE RETURN WALL SECTION

N.T.S.

GENERAL NOTES:

1. ALL CONCRETE TO BE 4000 psi. 28 DAY COMP. STRENGTH.
2. ALL STEEL REBAR TO BE GRADE 60
3. CONCRETE SHALL BE PROPERLY CURED.
4. CONTRACTOR TO OBTAIN UTILITY CLEARANCE PRIOR TO PILE DRIVING. CALL 1-800-432-4770.
5. DESIGN IS PER 8TH EDITION FBC (2023) AND WIND LOADS PER ASCE 7-22 HVHZ 170 MPH.

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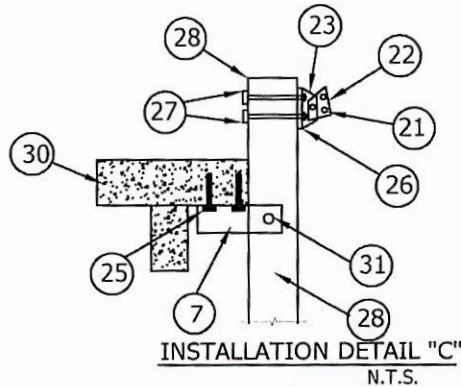
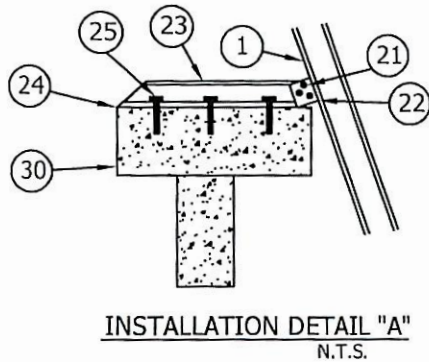
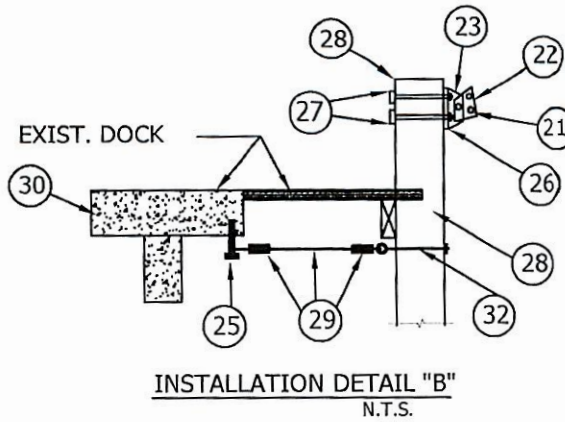
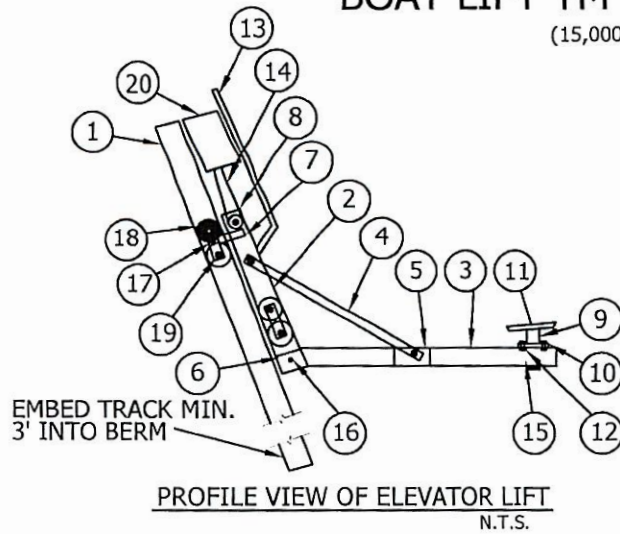
SOUTHEAST CUSTOM LIFT
SYSTEMS, INC.

MARINE CONSTRUCTION INC.
ESTABLISHED IN 1996

BOAT LIFT TM 15,000 SE CUSTOM LIFT

(15,000 lb LIFT)

N.T.S.



15000

- 1 I-Beam 10"x 6" .50/.29
- 2 10" x 6.00" AS Channel
- 3 I-Beam 10" x 6" .50/.29
- 4 1/2" x 3" x 58" flat stock
- 5 1/2" x 7 3/4" x 12" flat plate
- 6 3/8" x 3" x 4" x 12" angle
- 7 1/2" x 3" x 6" x 13 1/2" angle
- 8 Pulley Box
- 9 4" x 1.58 x 12" Channel
- 10 1/2" x 4" x 6" Alum. mounting plate
- 11 Aluminum Or Wood Bunks
- 12 (4) 1/2" SS bolts and clips
- 13 2 1/2" PVC Sch. 40 pipe
- 14 3/8" SS Cable
- 15 1/2" x 4 1/2" SS bolt and nut
- 16 3/8" x 3" SS bolt and nut
- 17 7/8" x 2" SS bolt
- 18 6" and 8" wheel
- 19 1 3/16" Aluminum pin
- 20 Drive Unit 8500FB or 7000-600.1ED
- 21 5/8" x 6" SS bolt,nut,lock washer
- 22 Track mounting clip
- 23 6061 T6 Aluminum Channel
- 24 1/2" x 12" x 16" Angle
- 25 5/8" SS wedge anchor bolts
- 26 Pile mount brackets
- 27 5/8" ThreadRod SS bolt,nut,lw,fw
- 28 10" Wood or Concrete pile
- 29 5/16" SS cable, Cable clamps
- 30 Existing seawall cap
- 31 5/8" x 6" Lag Bolt
- 32 EyeHook Welded to 5/8" Thread Rod nut,lw,fw

****CONTRACTOR HAS OPTION OF USING WOOD OR CONCRETE PILES IN AREAS WHERE REGULATORY POLICY APPLIES.**

GENERAL NOTES:

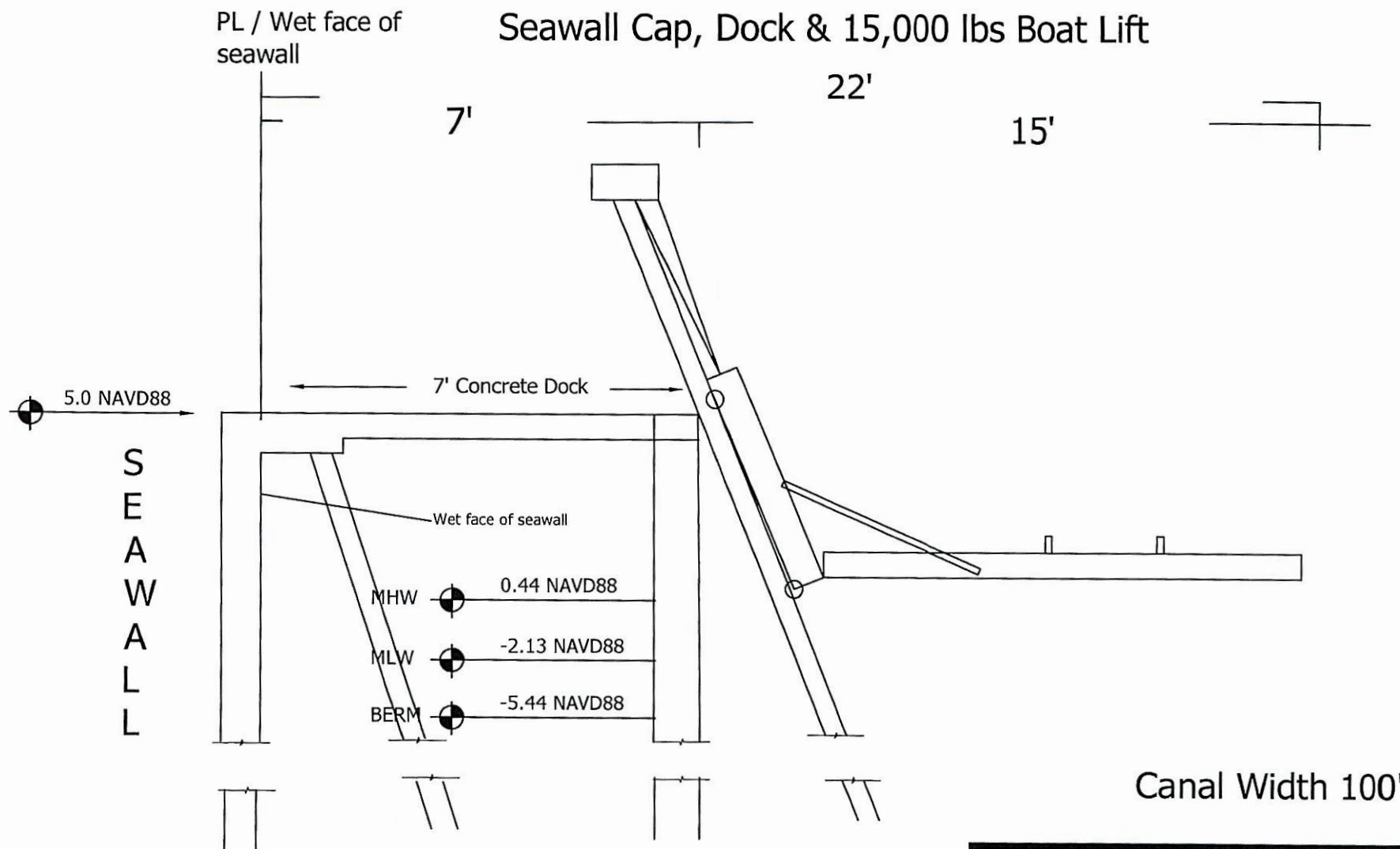
1. ALL CONNECTIONS ARE WELDED UNLESS OTHERWISE NOTED.
2. ALL MATERIALS TO BE 6061 T6 UNLESS OTHERWISE NOTED.
3. ALTERNATIVE INSTALLATION W/ 30° ANGLE (PART #7)
4. CONTRACTOR TO OBTAIN UTILITY CLEARANCE PRIOR TO PILE DRIVING. CALL 1-800-432-4770.
5. CONTRACTOR SHALL INSPECT EXIST. CONC. PILES FOR SPALLS & CRACKS
6. SHALL NOTIFY ENGINEER IN WRITING OF PILE DAMAGE OR DETERIORATION.
7. 9"-12" MIN. BUTT DIA. PILINGS, 10' EMBEDMENT W/ 10 TON BEARING CAPACITY.
8. DESIGN IS PER 8TH EDITION FBC (2023) AND WIND LOADS PER ASCE 7-22 HVHZ 170 MPH.

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**S.E. CUSTOM LIFT
SYSTEMS INC.**



TYPICAL SEAWALL CAP , DOCK & BOATLIFT CROSS SECTION

N.T.S.

Design is per 8th Edition FBC (2023) and Wind loads per ASCE 7-22 HVHZ
170 mph.

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Alan Garcia
4/20/20

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