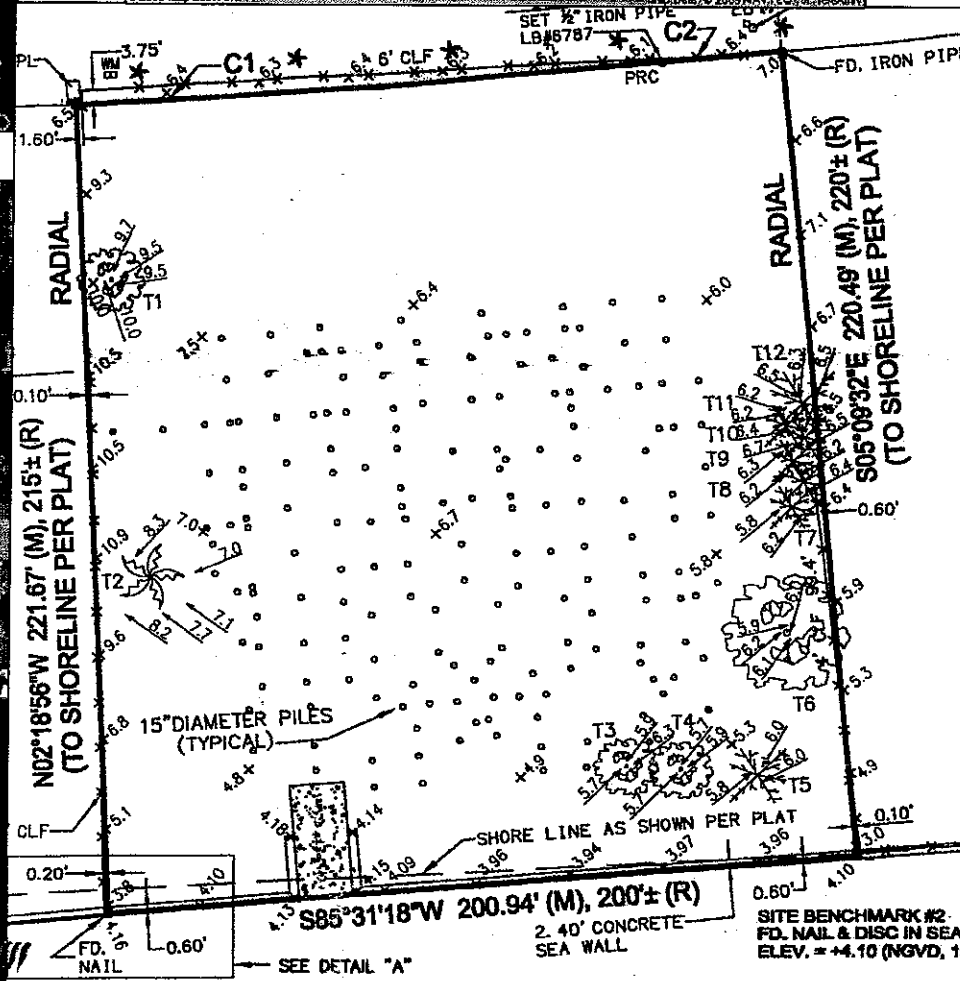
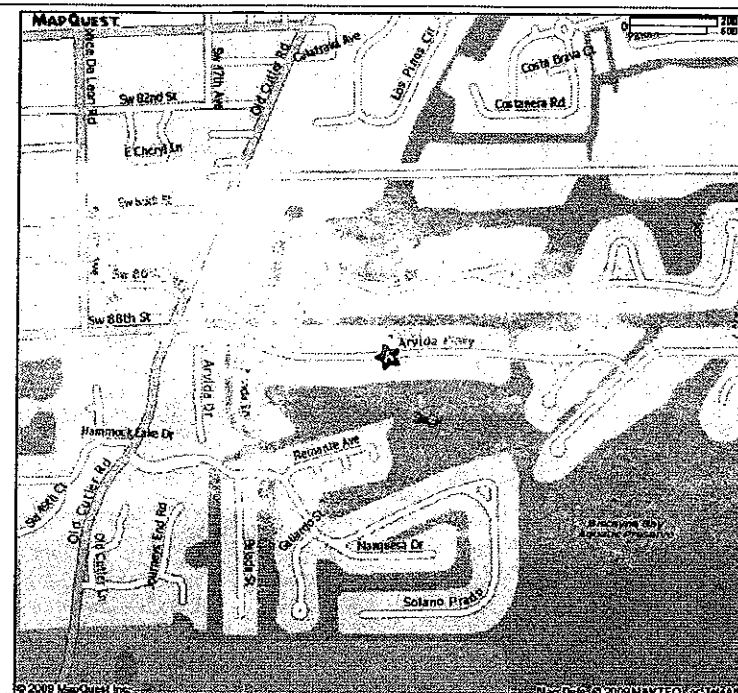
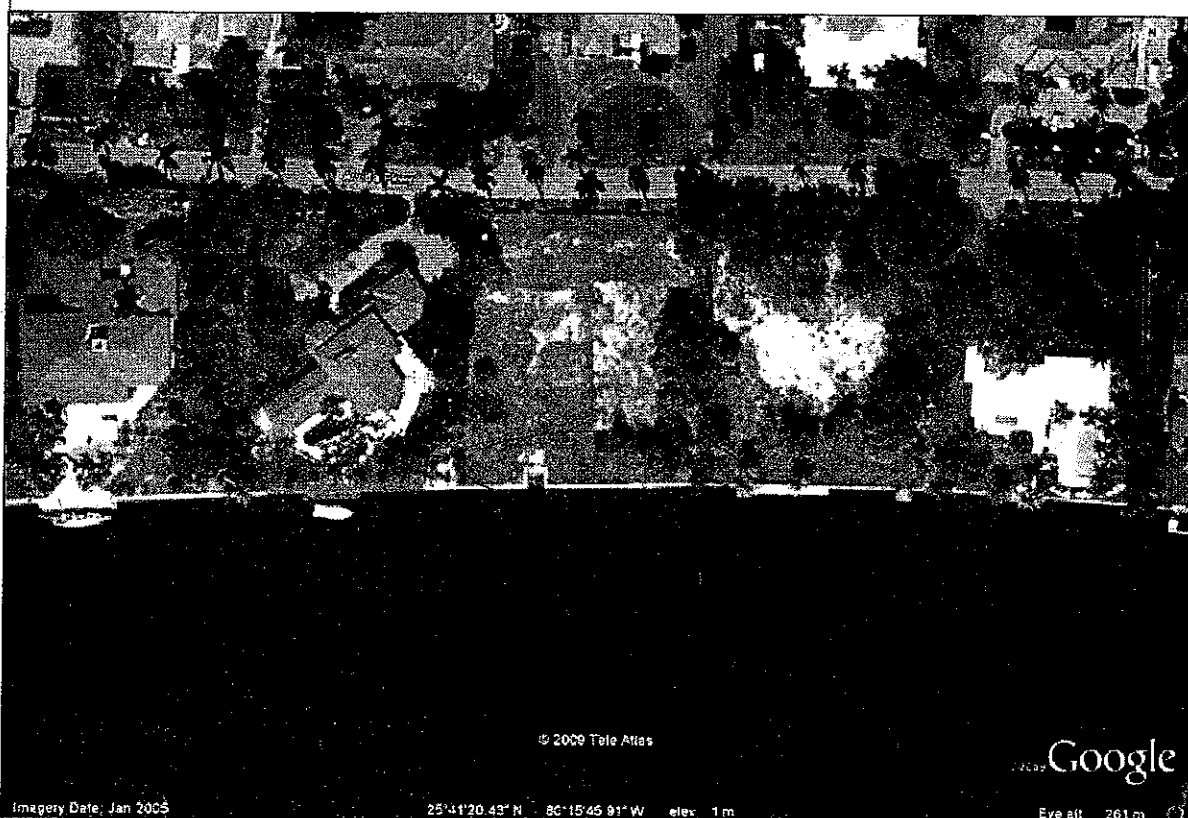




GENERAL NOTES:

DESIGN:

IN ACCORDANCE WITH FLORIDA BUILDING CODE & ASCE 7-2

FILES:

ALL NEW WOOD PILES TO BE SOUTHERN PINE AND COMPLY WITH A.S.T.M. A25-78 AND BE PRESSURE TREATED TO C.A. FEDERAL SPECIFICATIONS TT-W-550D(1) OR TT-W-00550E(1) AND AWFA-MP-4. PILES TO HAVE A MIN DIA. OF 12".

MINIMUM PENETRATION OF ALL PILES TO BE AS FOLLOWS:
INTO BEDROCK 6' MIN
INTO YIELDING MATERIAL 12' MIN
MINIMUM SAFE BEARING 15 TONS WOOD PILES

CONCRETE PILING TO BE DRIVEN 12' MIN INTO BERM TO ACHIEVE A MIN SAFE BEARING OF 25 TONS

STRUCTURAL LUMBER:

ALL DIMENSIONAL LUMBER SHALL BE PRESSURE TREATED #1 GRADE SYP OR BETTER AND COMPLY WITH A.I.T.C. 109-69 SPECIFICATIONS EXCEPT AS NOTED 3X8 MEMBERS BE #2 GRADE SYP...

HARDWARE:

ALL HARDWARE TO BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A-153-80 OR STAINLESS STEEL

BOLTS:

ALL MACHINE BOLTS TO BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A307-83A

FASTENING NOTES:

- 3 X 12 BEAMS TO PILE - 3 3/4 INCH DIAMETER THRU BOLTS WITH WASHER EACH SIDE
- JOISTS TO BEAMS: 1" WIDE X 12" LONG STRAP WITH (4) 10d NAILS TOP & BOTTOM. DO NOT BEND OVER JOISTS. USP RT 12 R, HDG, DADE NOA #00-0913.07
- IPE FASCIA TO JOISTS - TWO #10 S.S. DECK SCREWS INTO JOISTS ENDS.
- 5/4 X 1 IPE DECKING TO JOISTS: TWO #10 S.S. DECK SCREWS EACH INTERSECTION
- 6x12 LEDGER TO CAP: TWO 3/4" REDHEADS, 6" MIN EMB. DETAILS ON FRAMING SHEET

CONCRETE:

REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, ALL CONCRETE SHALL DEVELOP A MINIMUM OF 5000 P.S.I. COMPRESSIVE STRENGTH IN 28 DAYS

MARK	REVISION DESCRIPTION	DATE
1		

DOCK AND MARINE



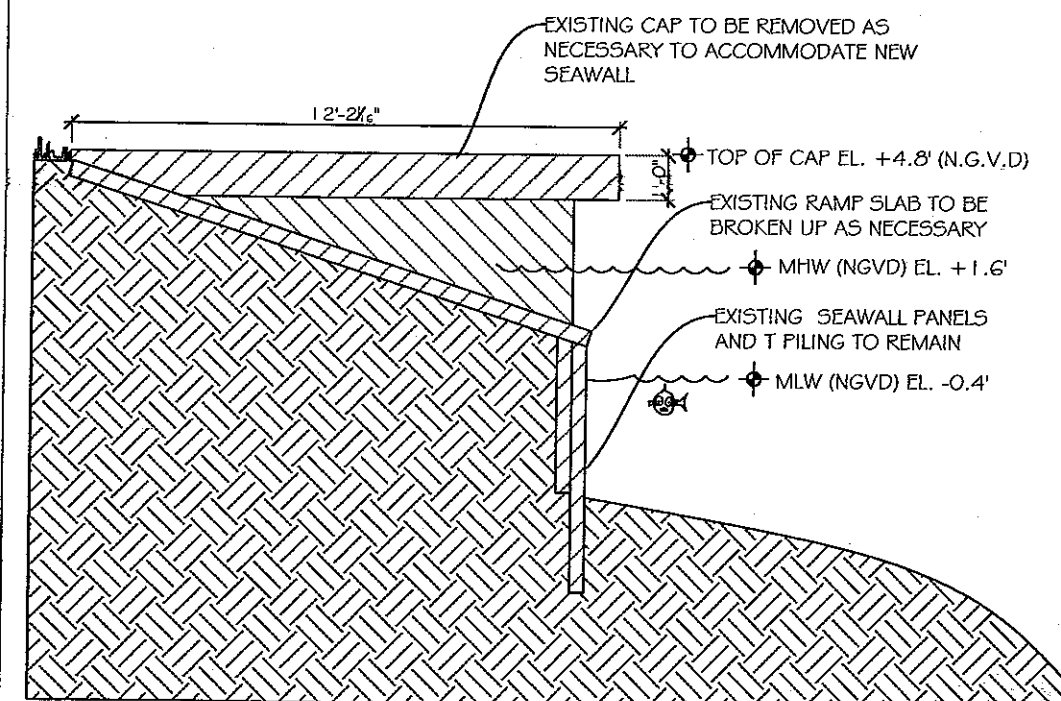
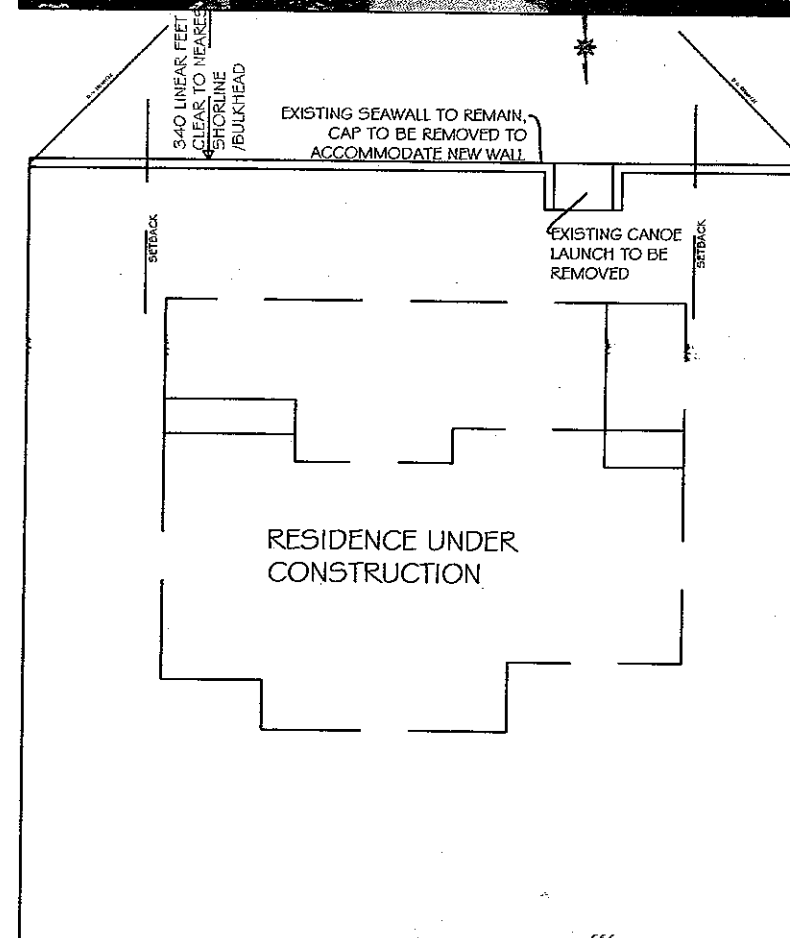
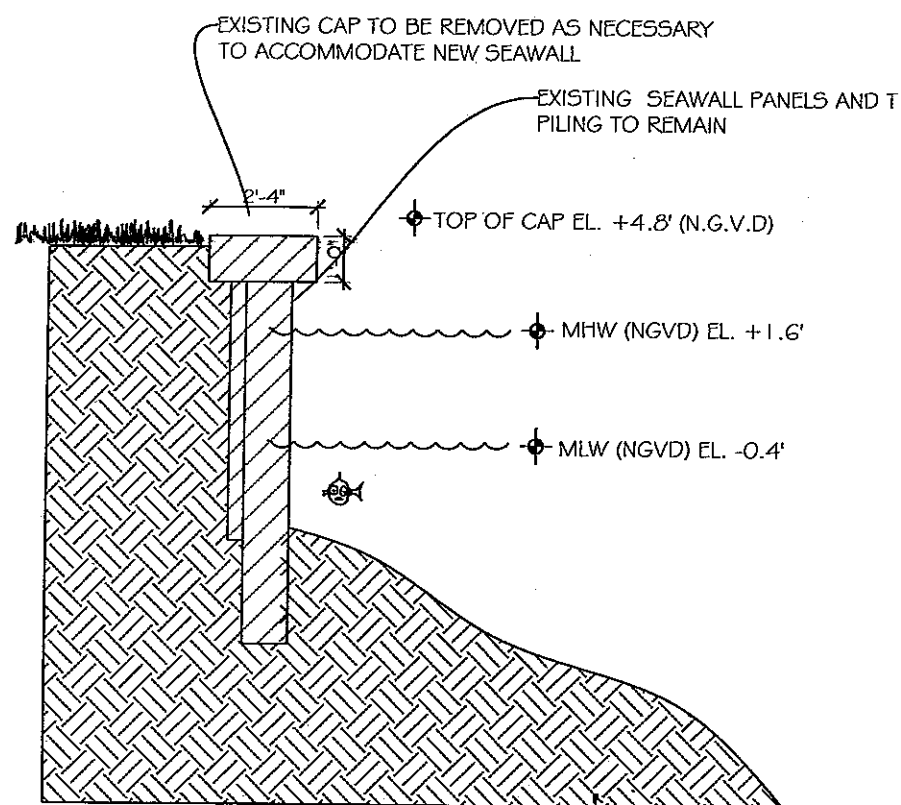
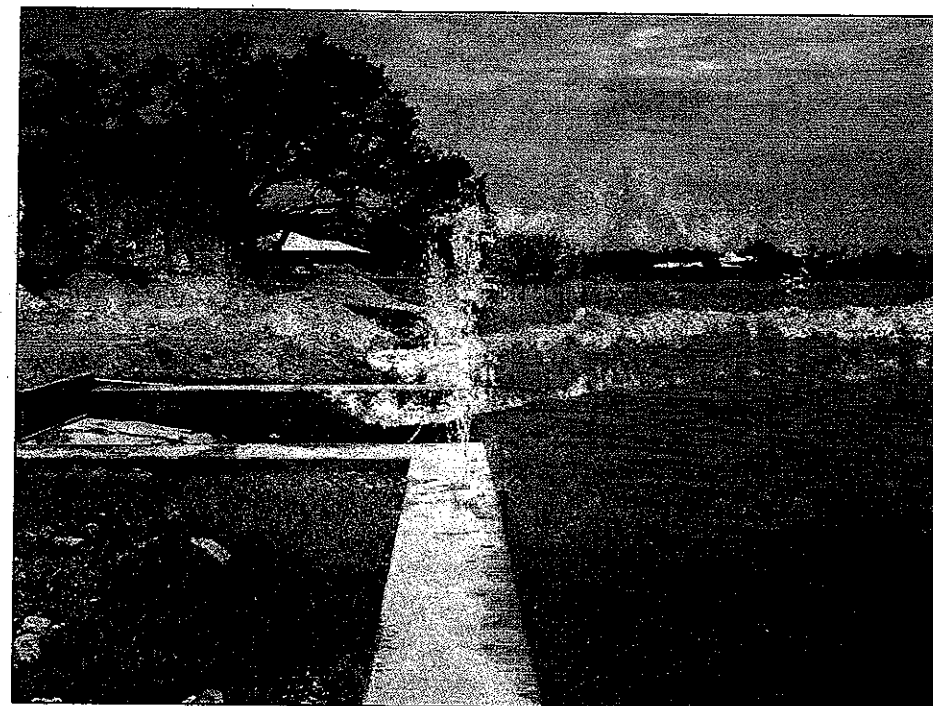
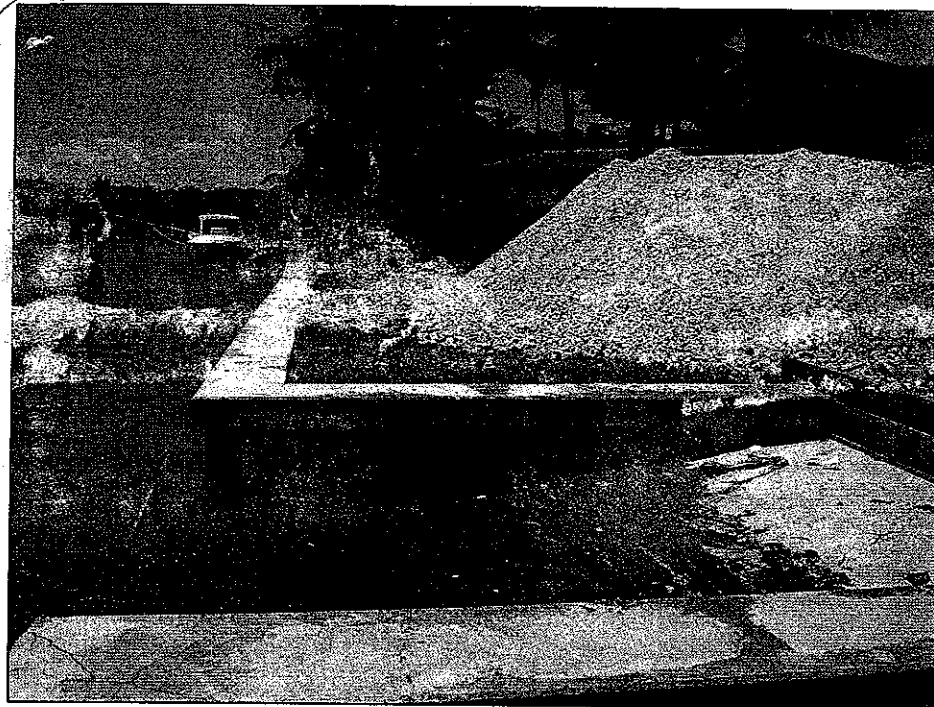
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305-751-9911
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O.L. # No 127365	E.B. No 0001809
DAVIS ENGINEERS	
780 TAMIAMI CANAL ROAD	
MIAMI, FLORIDA 33144	
(305) 266-2566	
JOB No.	DATE:
2K9DM01	4-24-2009

HAROLD R. COBB P.E.
STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE:	SCALE:
MAP, ARIEL, NOTES	AS SHOWN
PROPOSED SEAWALL, DOCK, AND LIFT FOR:	DRAW:
RANDALL FIORENZA	GLEN LARSON
530 ARVIDA PARKWAY	SHEET No.
CORAL GABLES, FLORIDA	1 OF 8



MARK	REVISION DESCRIPTION	DATE

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STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: EXISTING CONDITIONS

PROPOSED SEAWALL, DOCK, AND LIFT FOR:

RANDALL FIORENZA

530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA

SCALE:
AS SHOWN

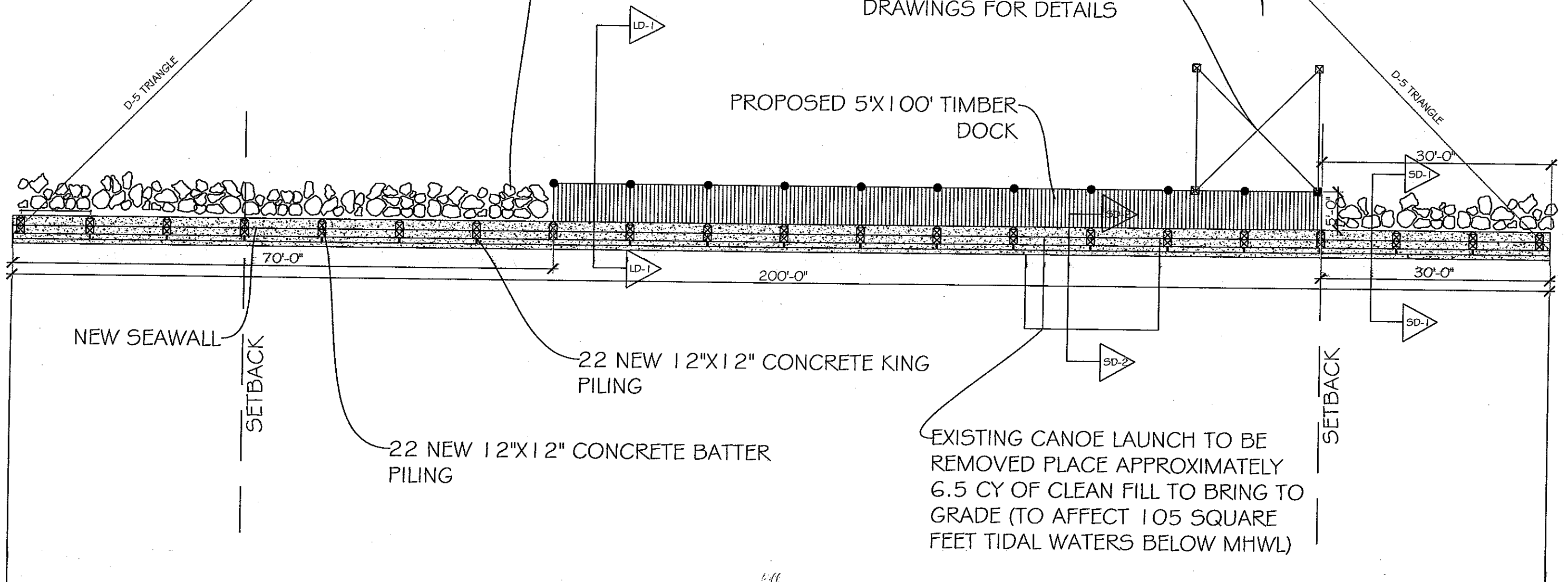
DRAW:
GLEN LARSON

SHEET No.
2 OF 8

APPROX 200 CY OF 1-3' DIAMETER
CORAL ROCK BOULDERS AT A 2:1 SLOPE
NOT TO EXCEED 6' FROM FACE OF NEW
SEAWALL

PROPOSED 30,000 POUND CAPACITY
BEAMLESS LIFT SEE ATTACHED SHOP
DRAWINGS FOR DETAILS

PROPOSED 5'X100' TIMBER
DOCK



MARK	REVISION DESCRIPTION	DATE

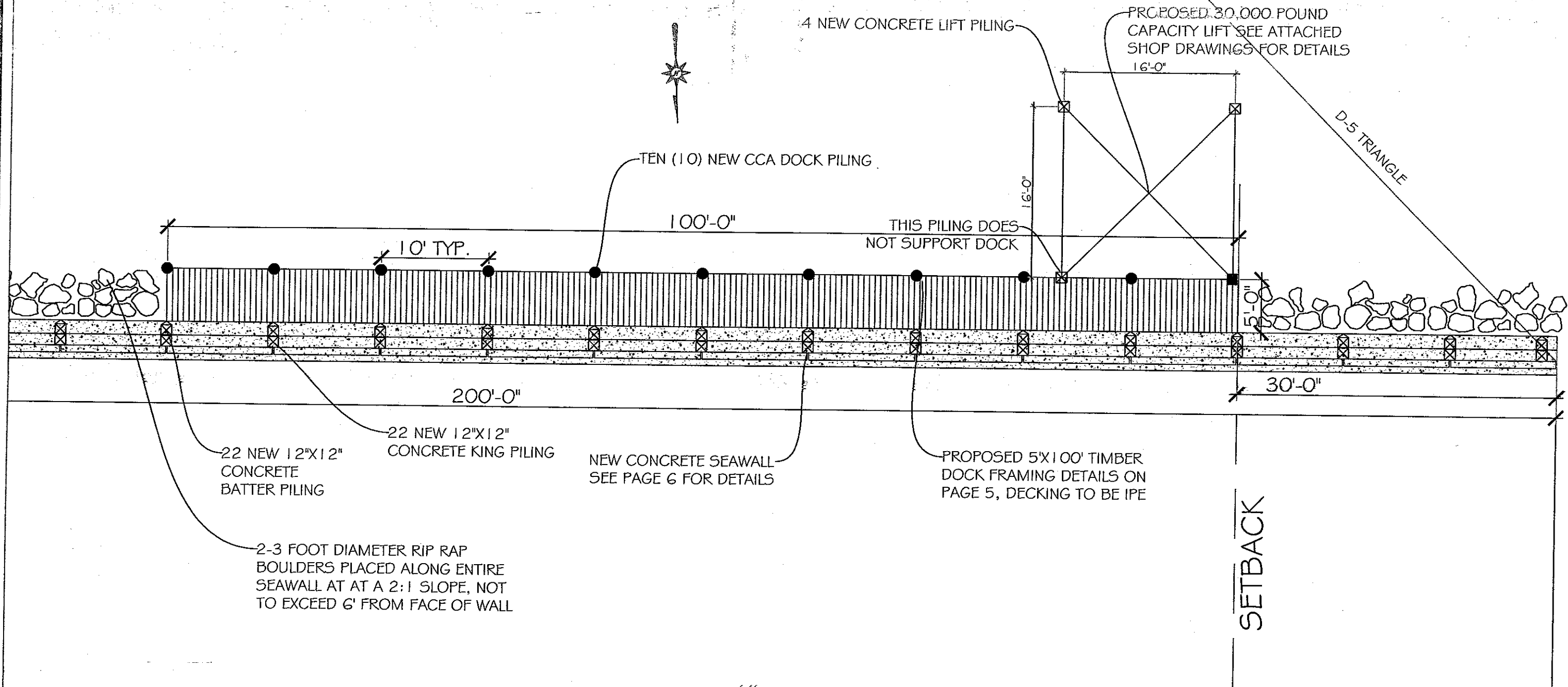
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JOB No. 2K9DM01 DATE: 4-24-2009

HAROLD R. COBB P.E.
STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: LAYOUT
SCALE: AS SHOWN
PROPOSED SEAWALL, DOCK, AND LIFT FOR:
RANDALL FIORENZA
530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA
DRAW: GLEN LARSON
SHEET No. 3 OF 8



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JOB No. 2K9DM01 DATE: 4-24-2009

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STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: LAYOUT DETAIL

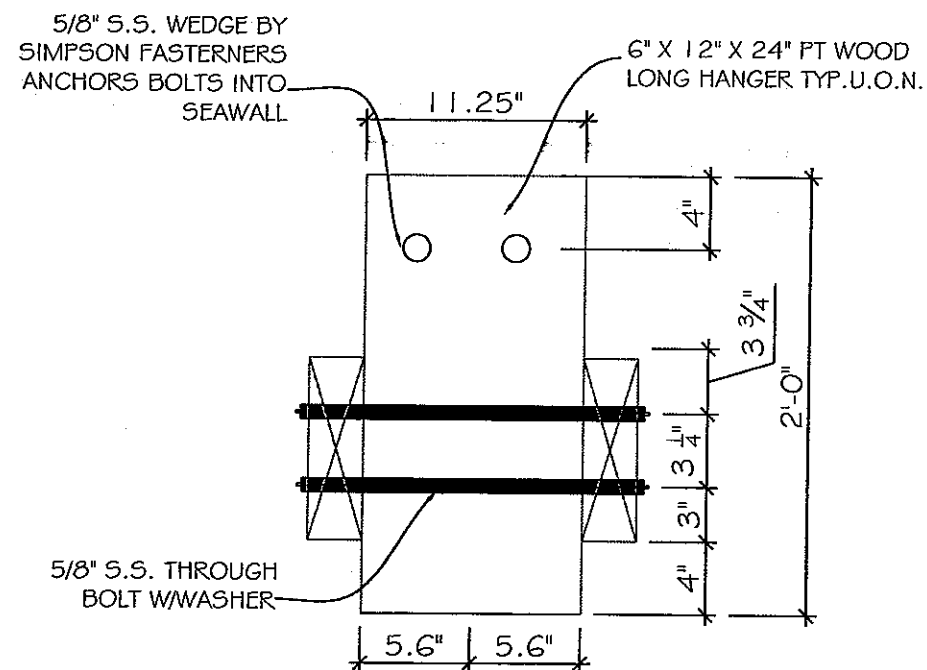
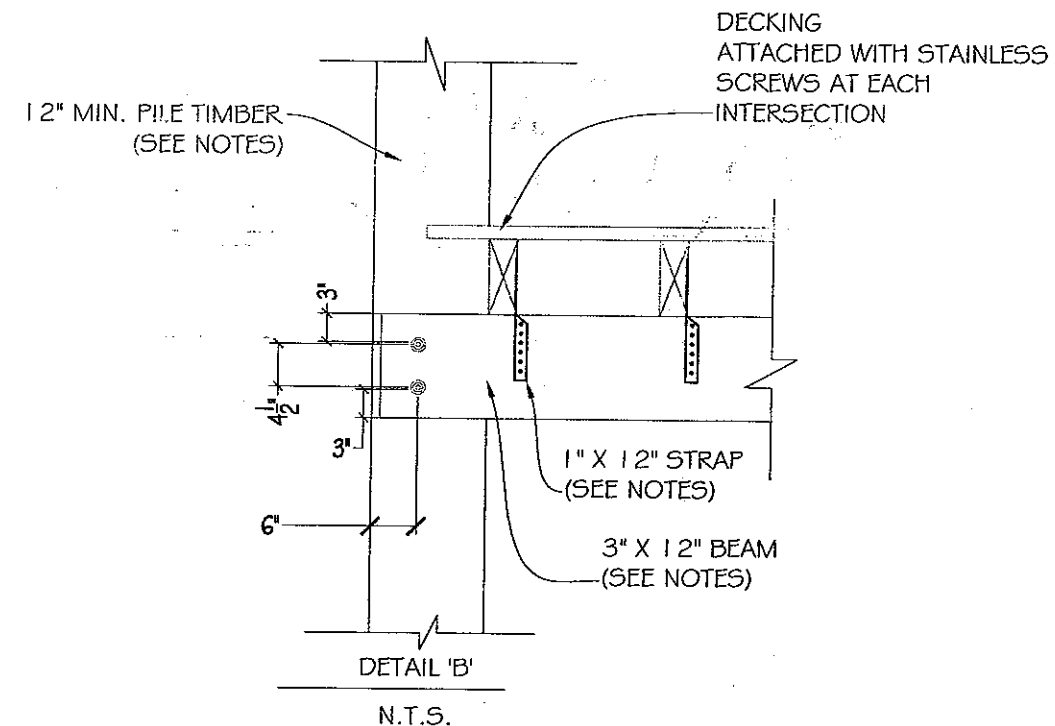
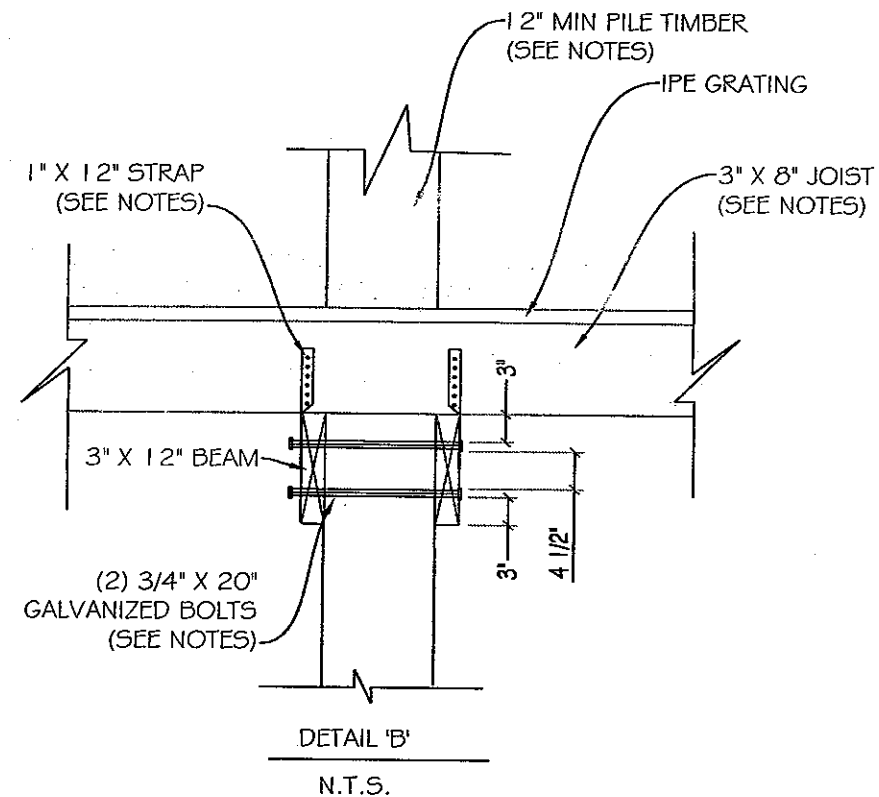
PROPOSED SEAWALL, DOCK, AND LIFT FOR:

RANDALL FIORENZA
530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA

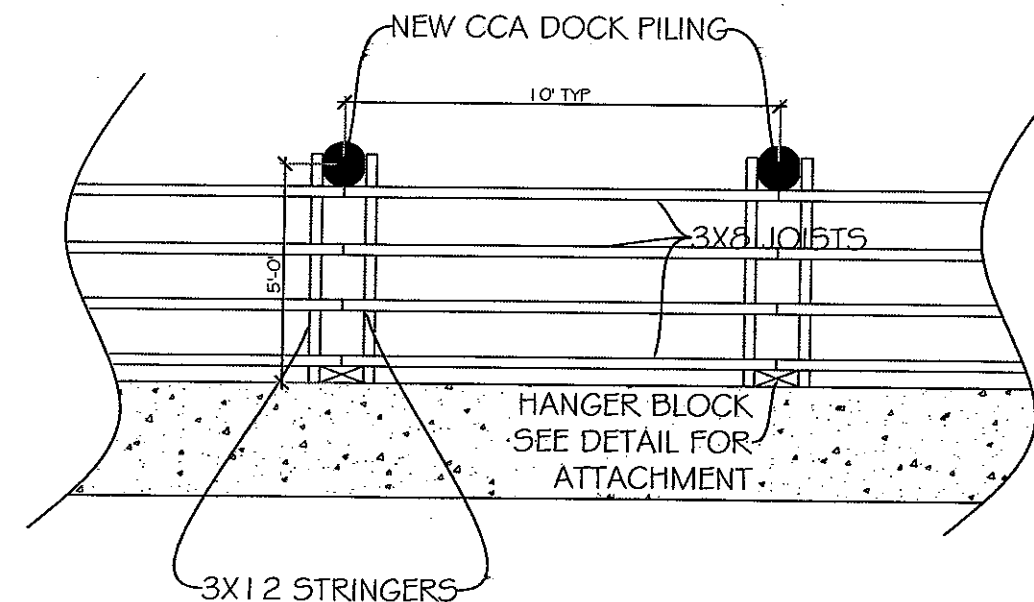
SCALE: AS SHOWN

DRAW: GLEN LARSON

SHEET No. 4 OF 8



TYP. HANGER BLOCK



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JOB No. 2K9DM01 DATE: 4-24-2009

HAROLD R. COBB P.E.
STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: FRAMING

PROPOSED SEAWALL, DOCK, AND LIFT FOR:

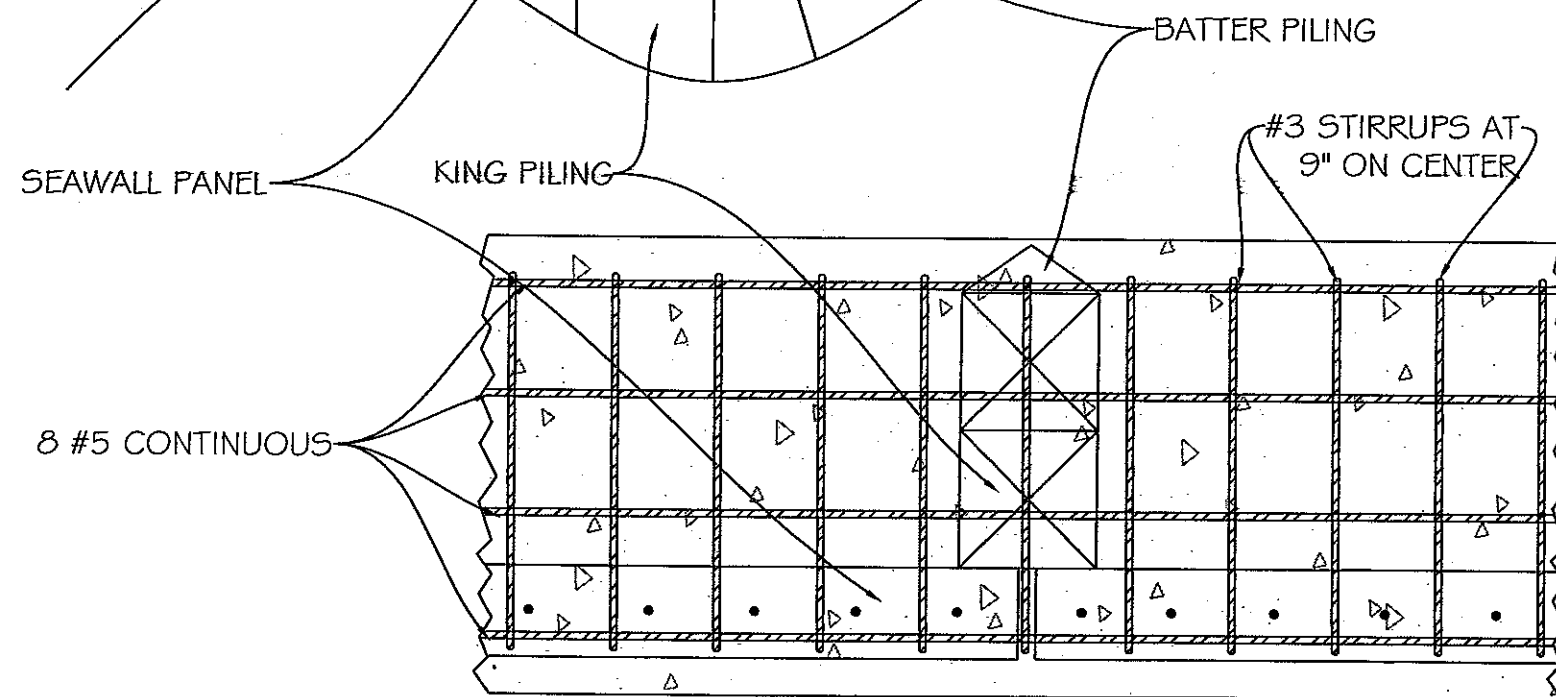
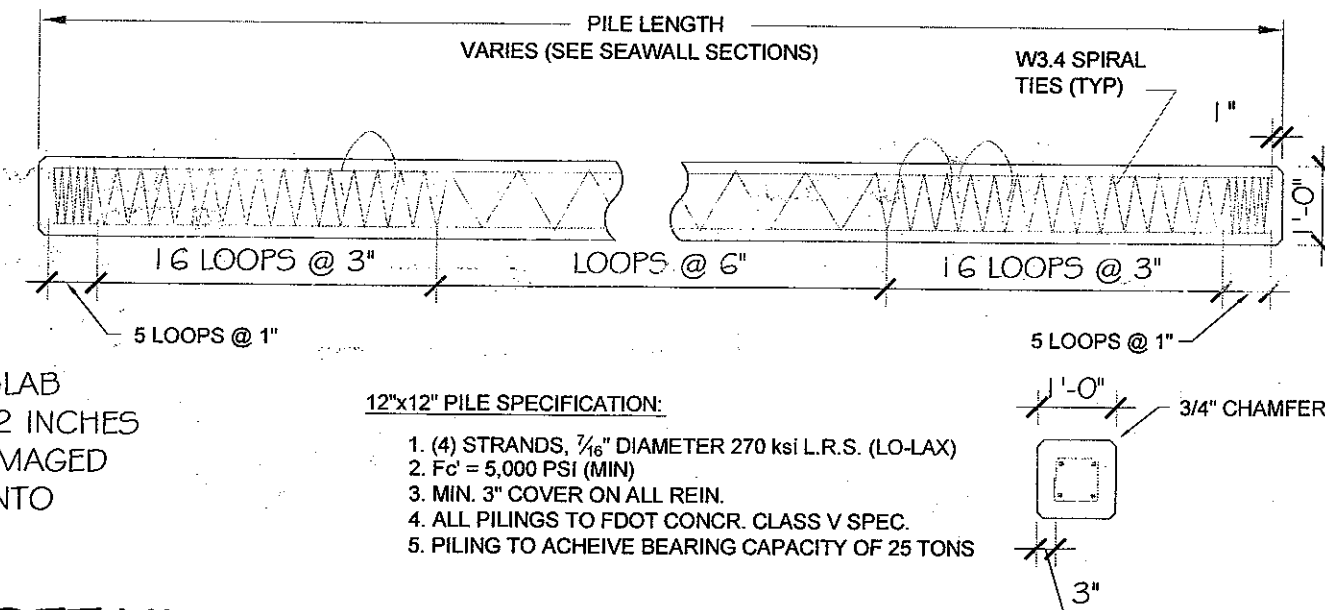
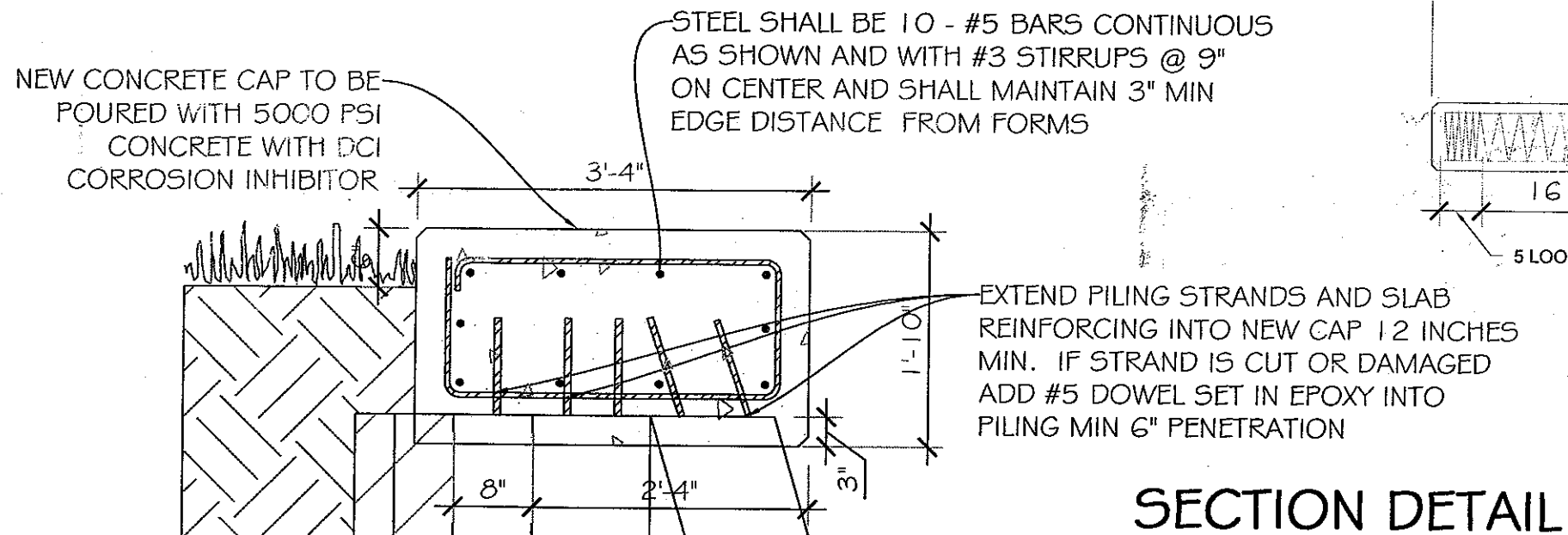
RANDALL FIORENZA

530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA

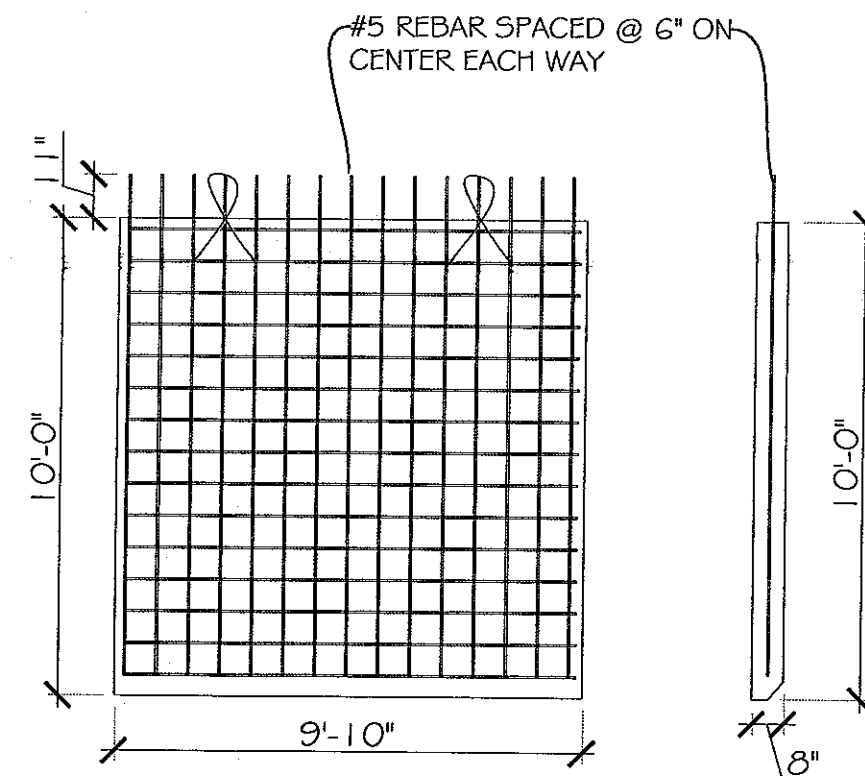
SCALE: AS SHOWN

DRAW: GLEN LARSON

SHEET No. 5 OF 8



TOP VIEW



SLAB DETAIL

MARK	REVISION DESCRIPTION	DATE

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STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: SEAWALL CAP DETAILS

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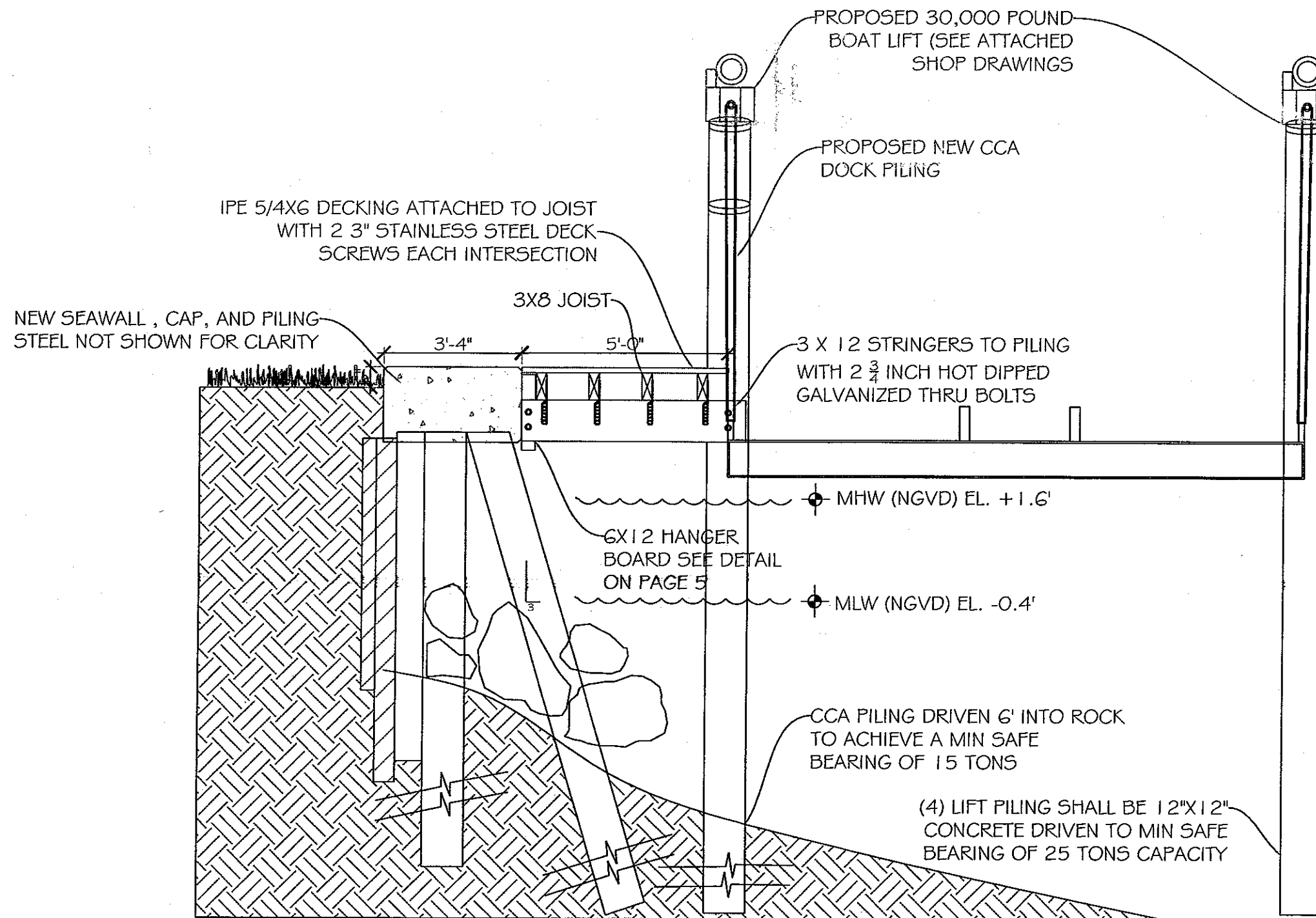
RANDALL FIORENZA

530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA

SCALE:
AS SHOWN

DRAW:
GLEN LARSON

SHEET No.
6 OF 8



DOCK AND LIFT SECTION LD-1

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(305) 266-2566
JOB No. 2K9DM01 DATE: 4-24-2009

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STRUCTURAL ENGINEER
P.E. No.10993

PAGE TITLE: DOCK AND LIFT SECTION

PROPOSED SEAWALL, DOCK, AND LIFT FOR:

RANDALL FIORENZA

530 ARVIDA PARKWAY
CORAL GABLES, FLORIDA

SCALE: AS SHOWN

DRAW: GLEN LARSON

SHEET No.

8 OF 8