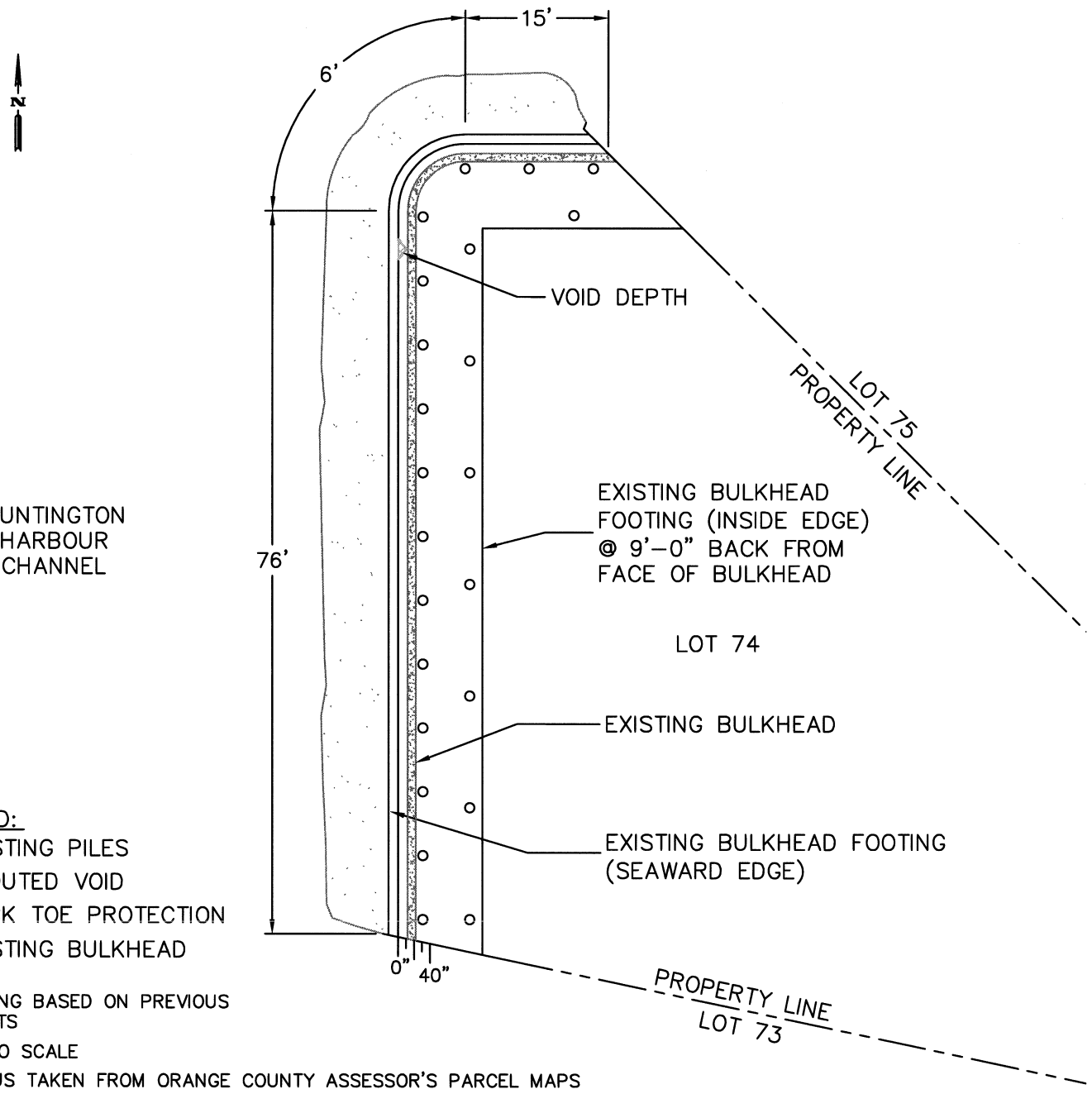


LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

** RADIUS TAKEN FROM ORANGE COUNTY ASSESSOR'S PARCEL MAPS

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 74

PLAN VIEW

0 16 32

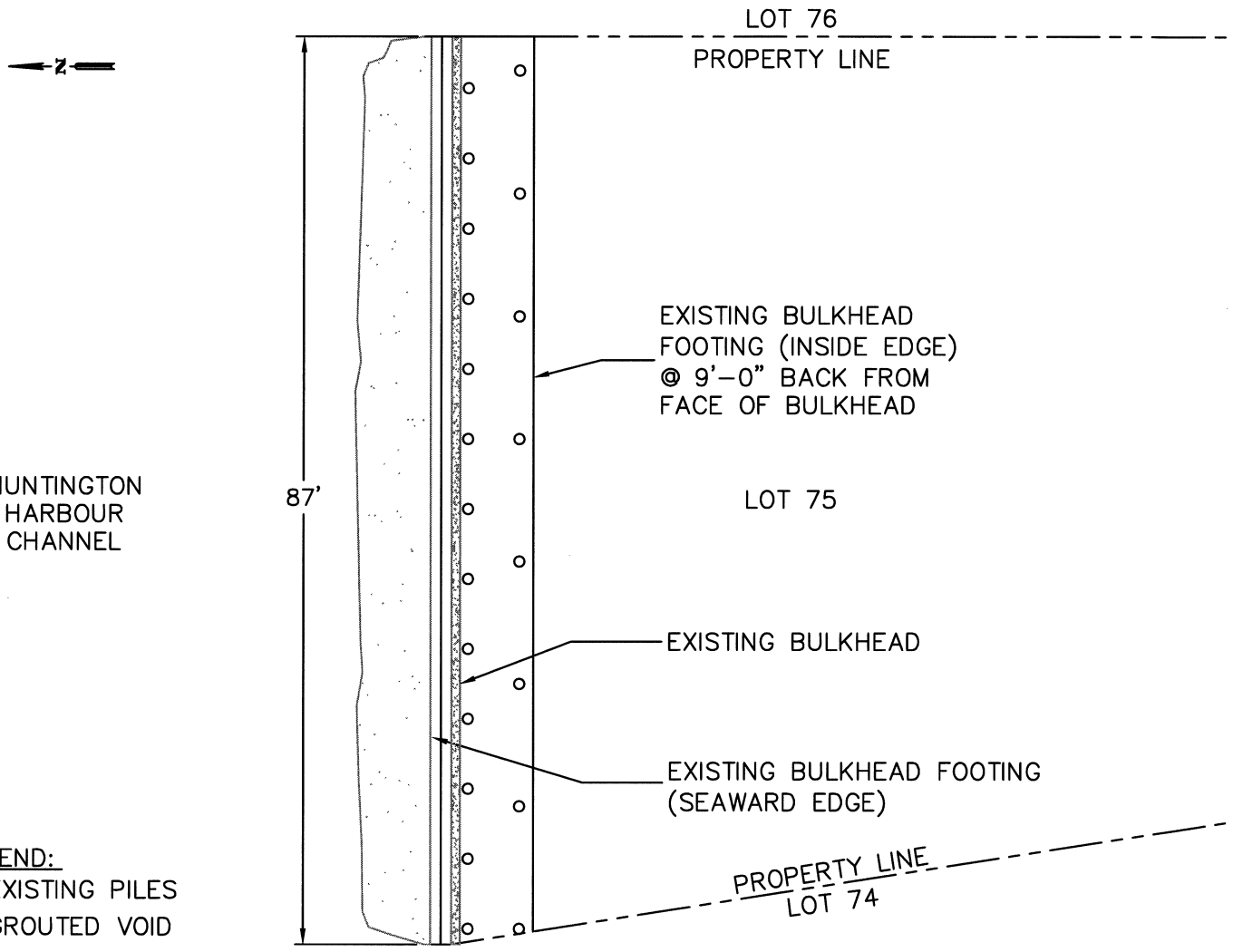
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Tobin Campbell
4001 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/19/07

ATTACHMENT NO. 6.16



* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 75

PLAN VIEW

0 16 32

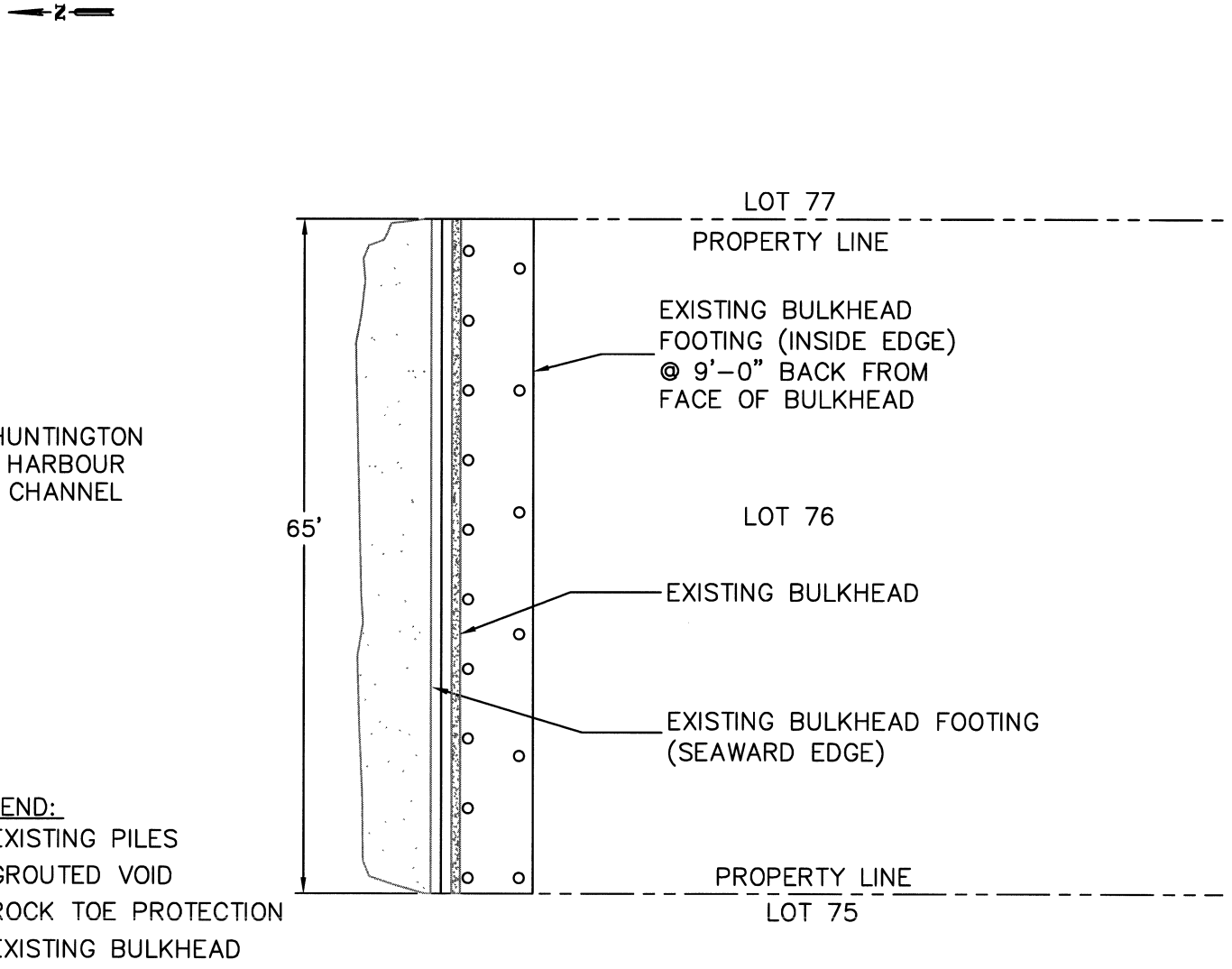
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Leigh Ross
4021 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.19



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 76

PLAN VIEW

0 16 32

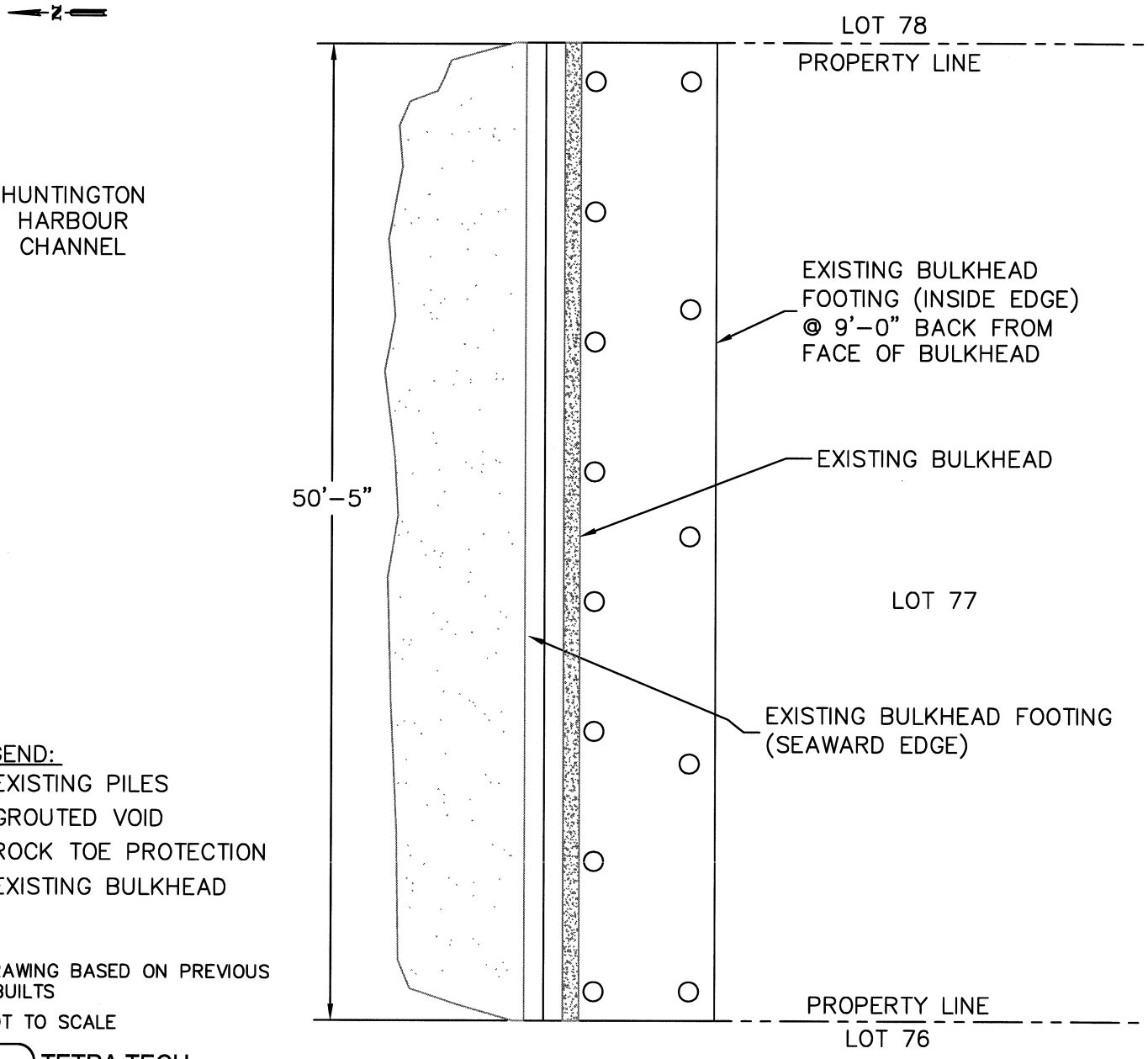
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Thera Fae Wood
4031 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.20



LEGEND:

- ○ EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 77

PLAN VIEW

0 8 16

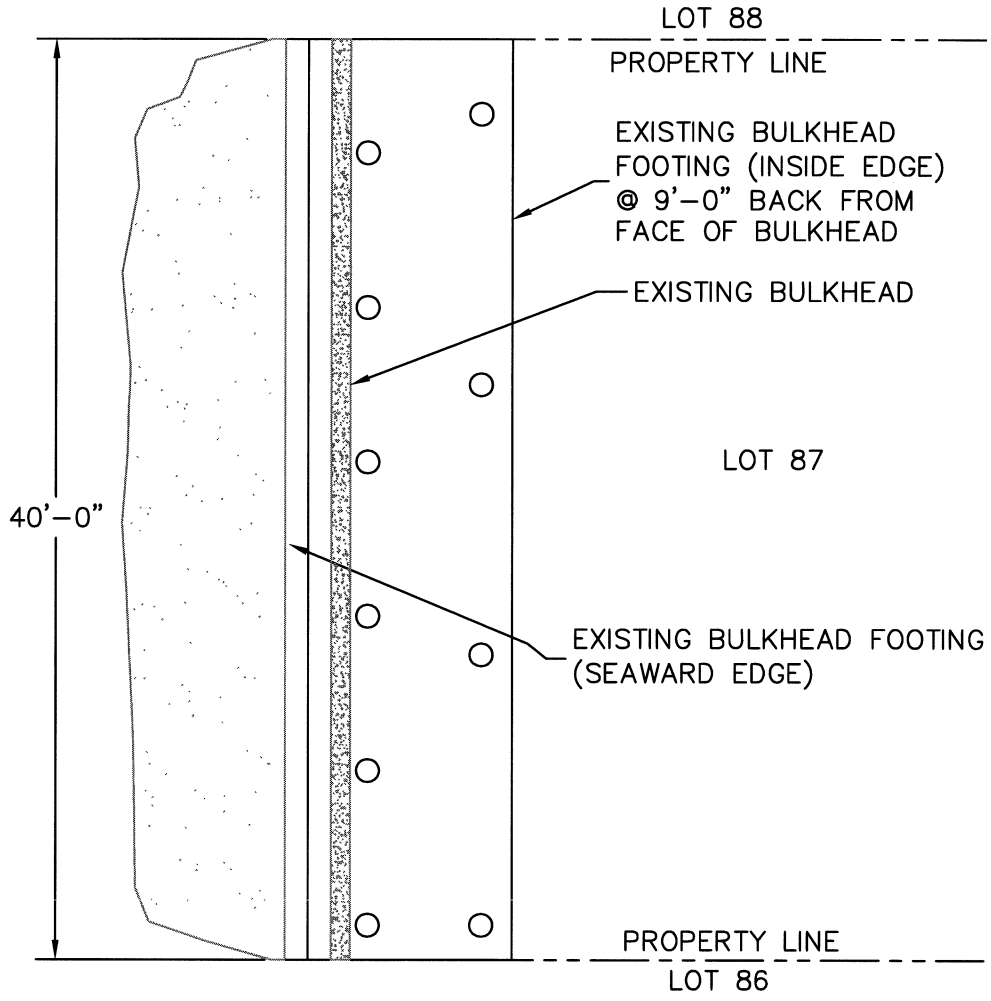
1/8" = 1'-0"

Proposed Repair of Existing Bulkhead

Lois Lacy
4041 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.21



HUNTINGTON HARBOUR CHANNEL

LEGEND:
- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS
* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495–0495, Fax (562)495–5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 87

PLAN VIEW

0 8 16

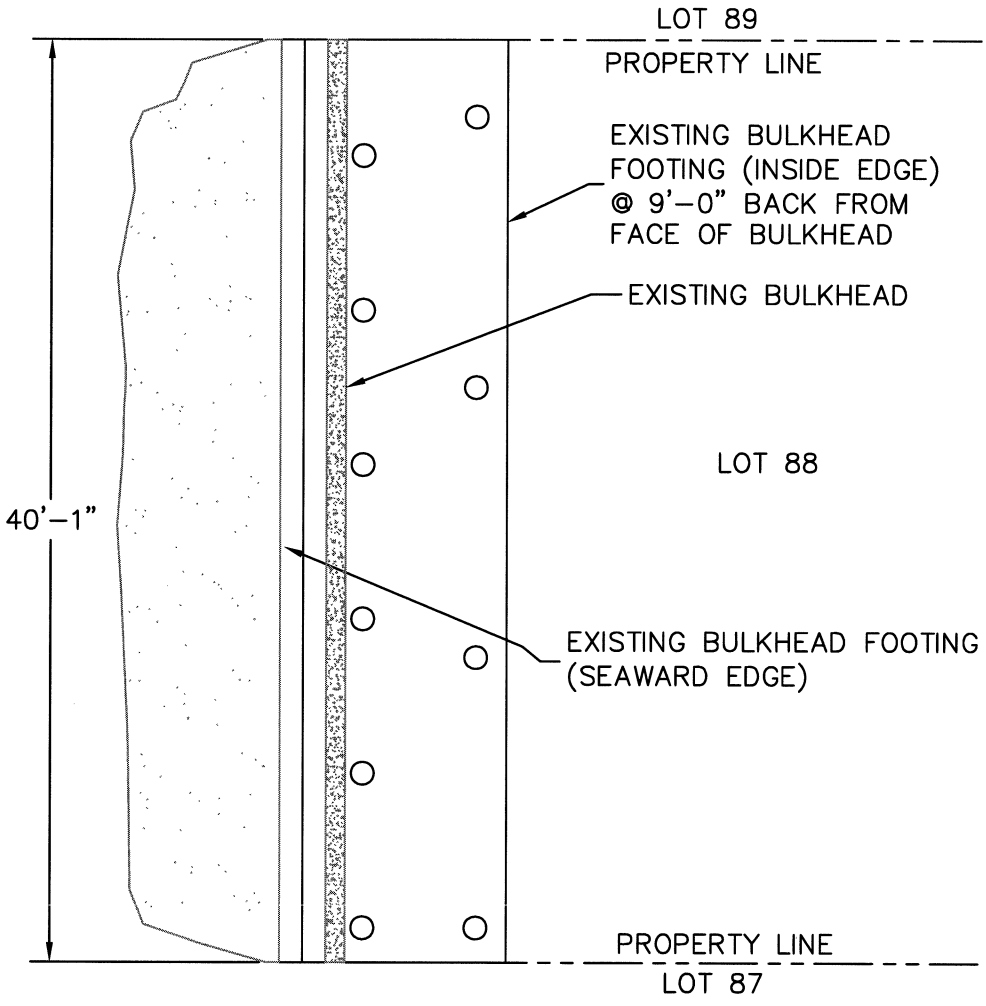
1/8" = 1'–0"

Proposed Repair of Existing Bulkhead

Ralph Thorne
4141 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.22



HUNTINGTON HARBOUR CHANNEL

LEGEND:
- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS
* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495–0495, Fax (562)495–5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 88

PLAN VIEW

0 8 16

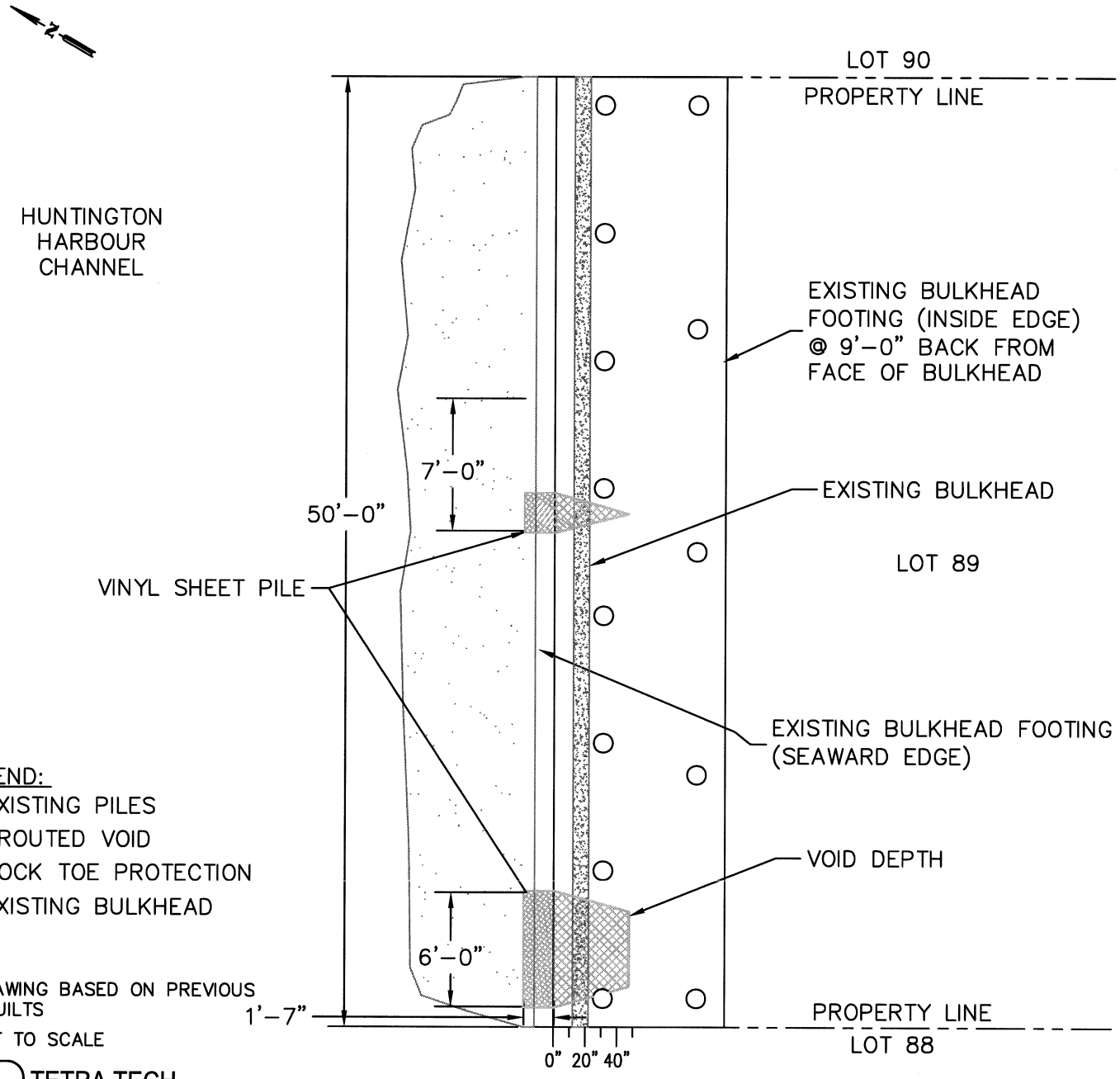
1/8" = 1'–0"

Proposed Repair of Existing Bulkhead

Ken & Karen Kawaguchi
4151 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6-23



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 89

PLAN VIEW

0 8 16

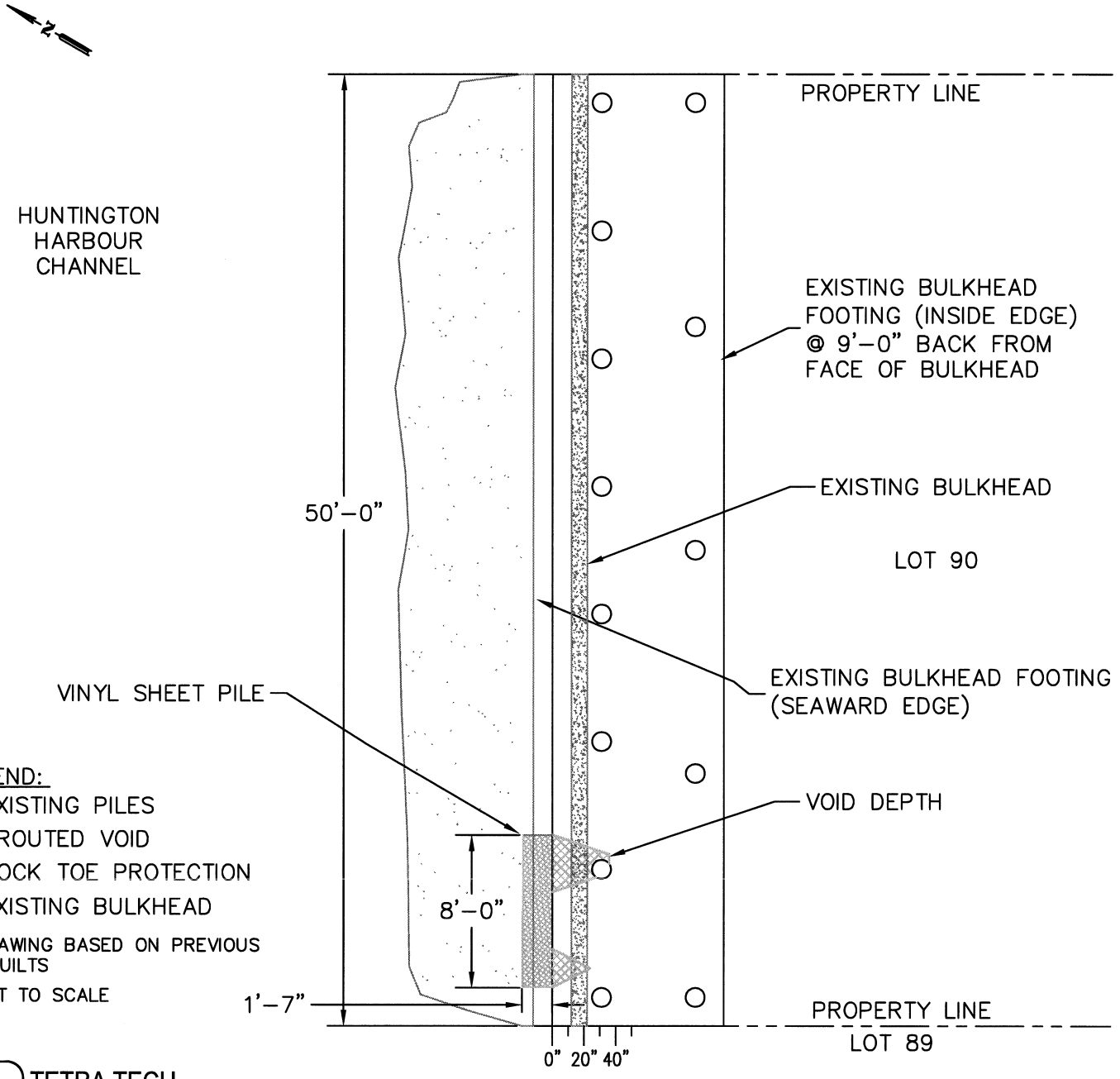
1/8" = 1'-0"

Proposed Repair of Existing Bulkhead

R. Bruce Rieser
4171 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.24



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495–0495, Fax (562)495–5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5360 Lot 90

PLAN VIEW

0 8 16

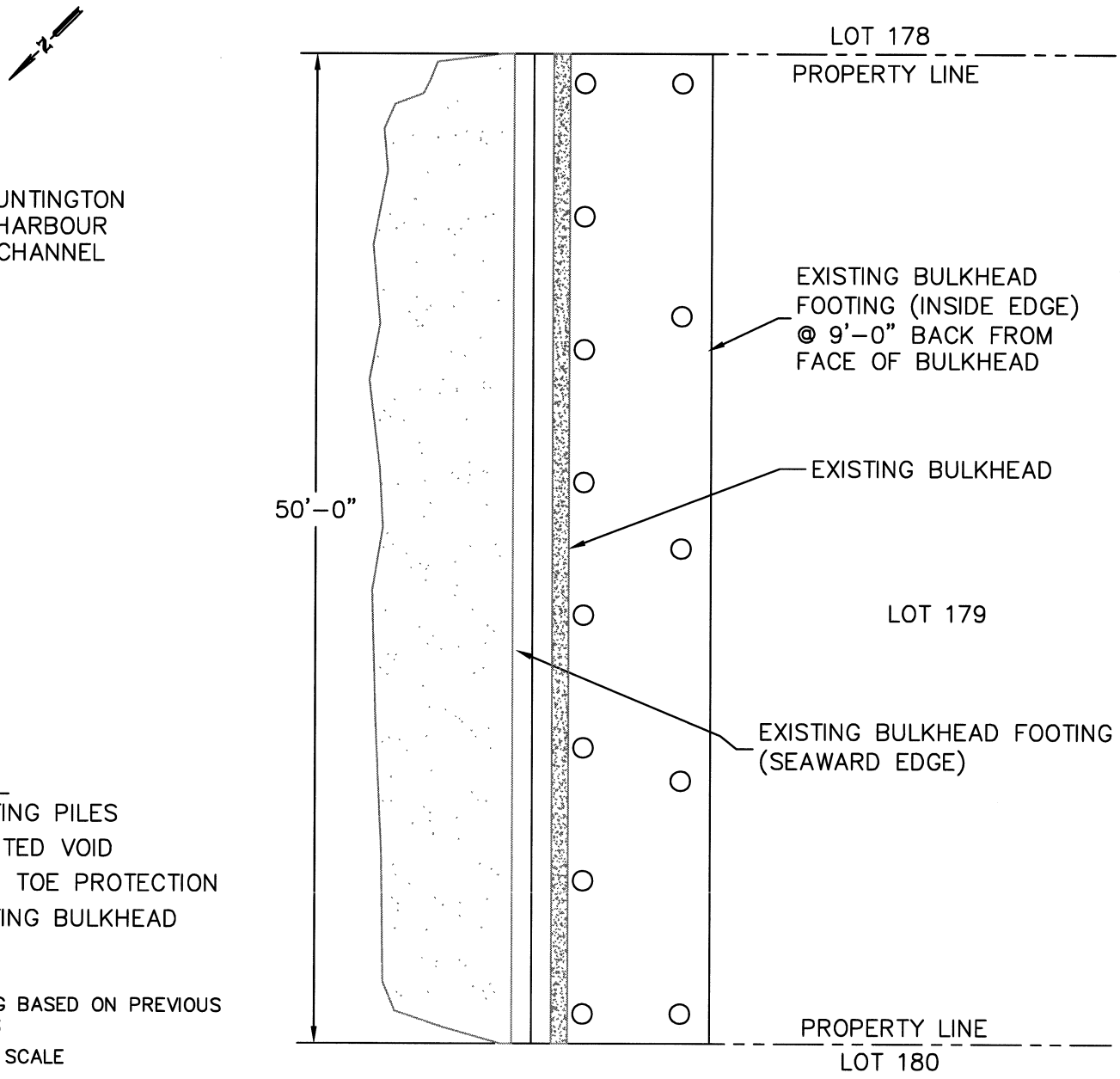
1/8" = 1'–0"

Proposed Repair of Existing Bulkhead

Dick & Joyce Opdahl
4181 Morning Star Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.25



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495–0495, Fax (562)495–5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 5481 Lot 179

PLAN VIEW

0 8 16

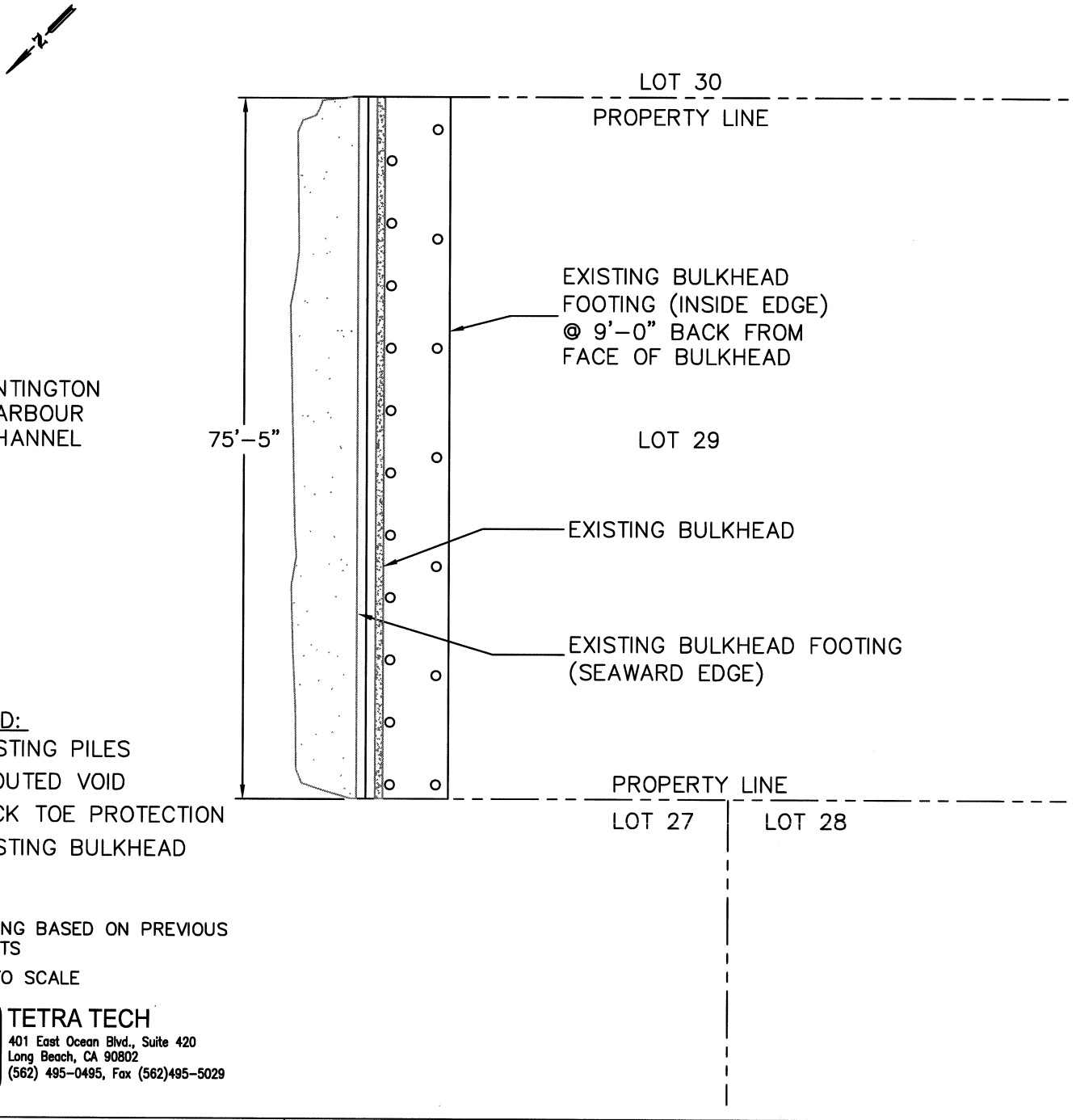
1/8" = 1'–0"

Proposed Repair of Existing Bulkhead

Carrie Preston
16572 Ensign Circle
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. ~~6.26~~



* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 9168 Lot 29

PLAN VIEW

0 16 32

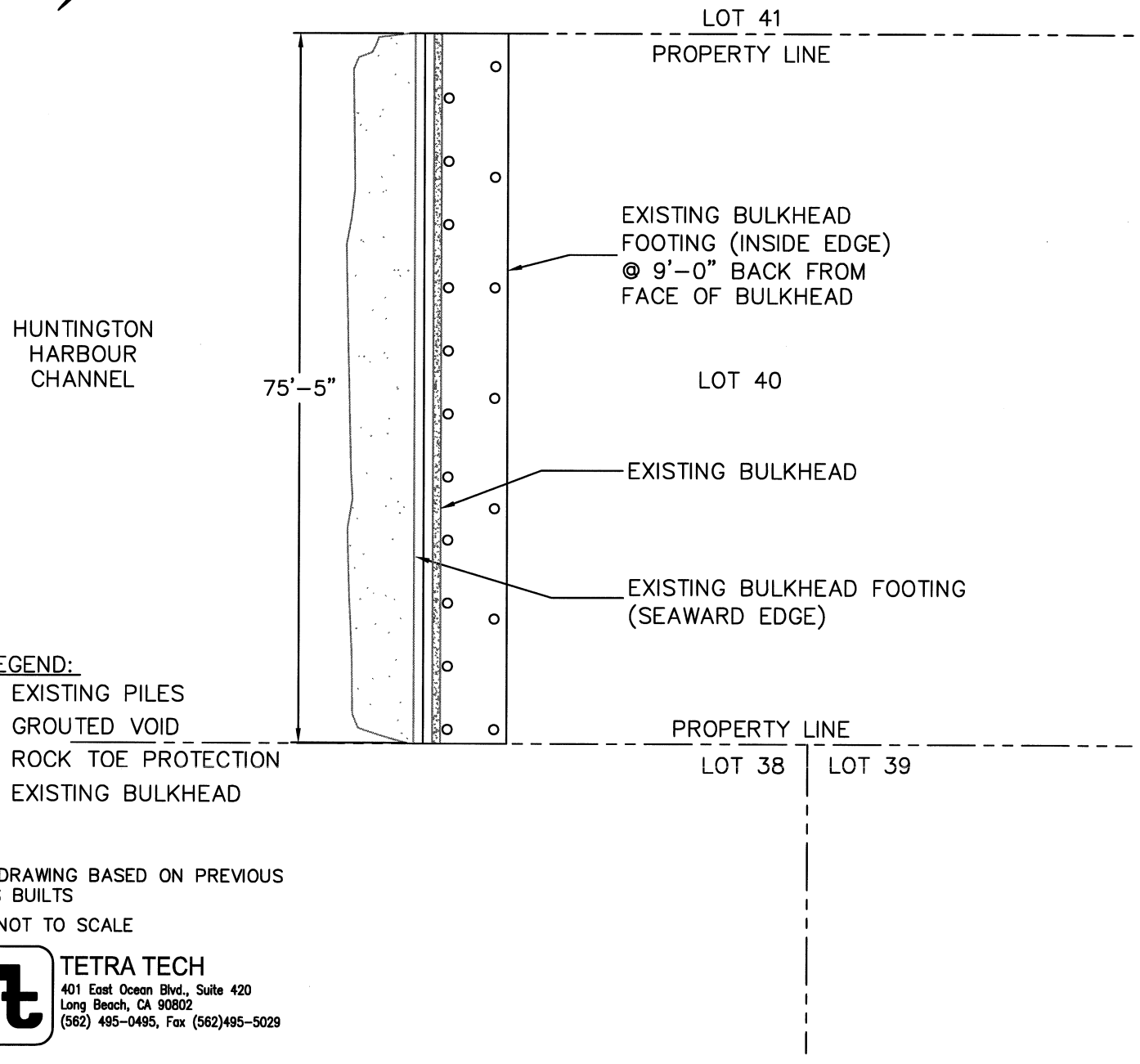
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Thomas & Sandra Gallaugher
3781 Ragtime Circle
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6-27



* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 9168 Lot 40

PLAN VIEW

0 16 32

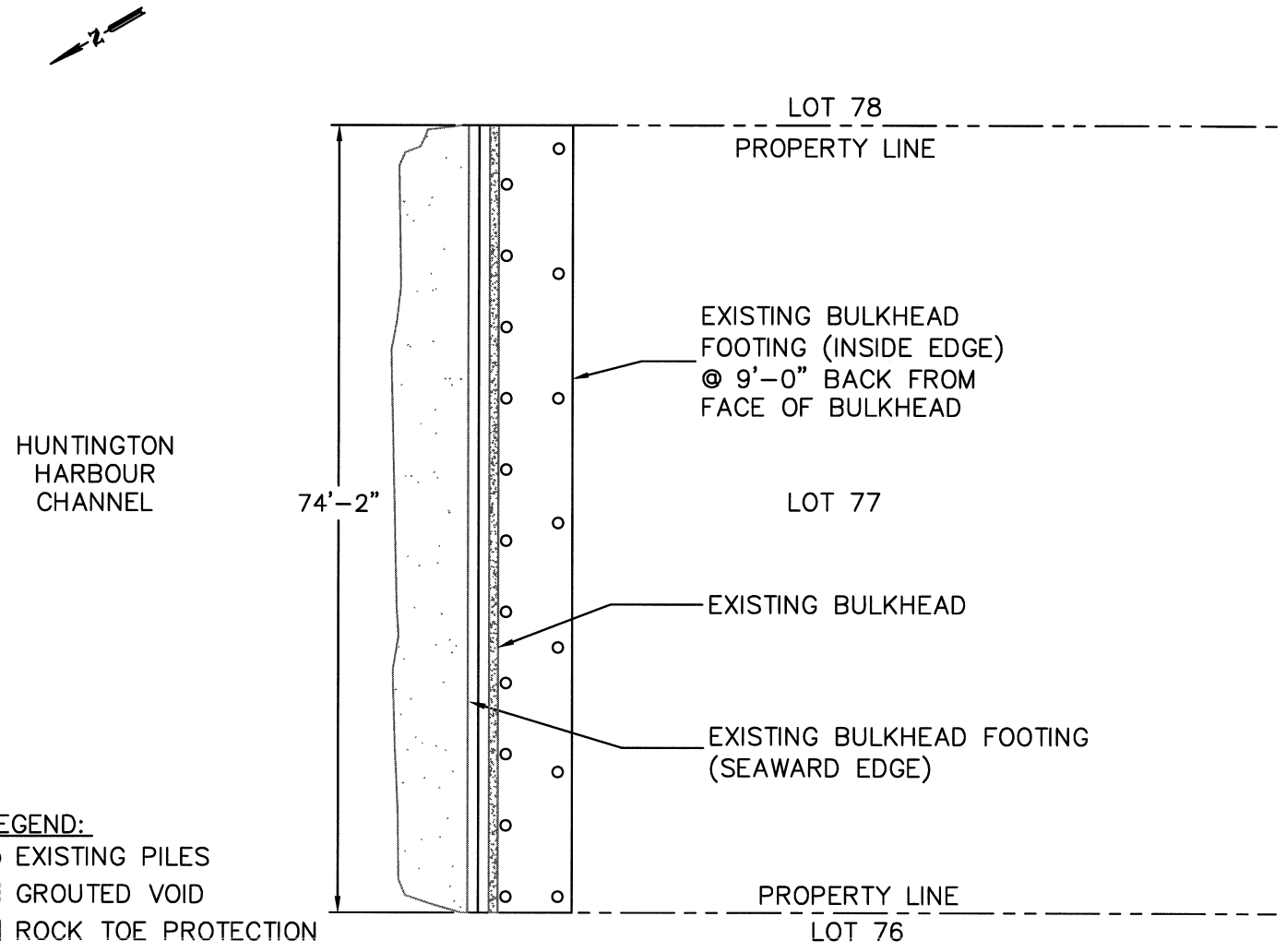
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Elmer & Lincolna Malchow
3741 Nimble Circle
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6.0.28



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 9347 Lot 77

PLAN VIEW

0 16 32

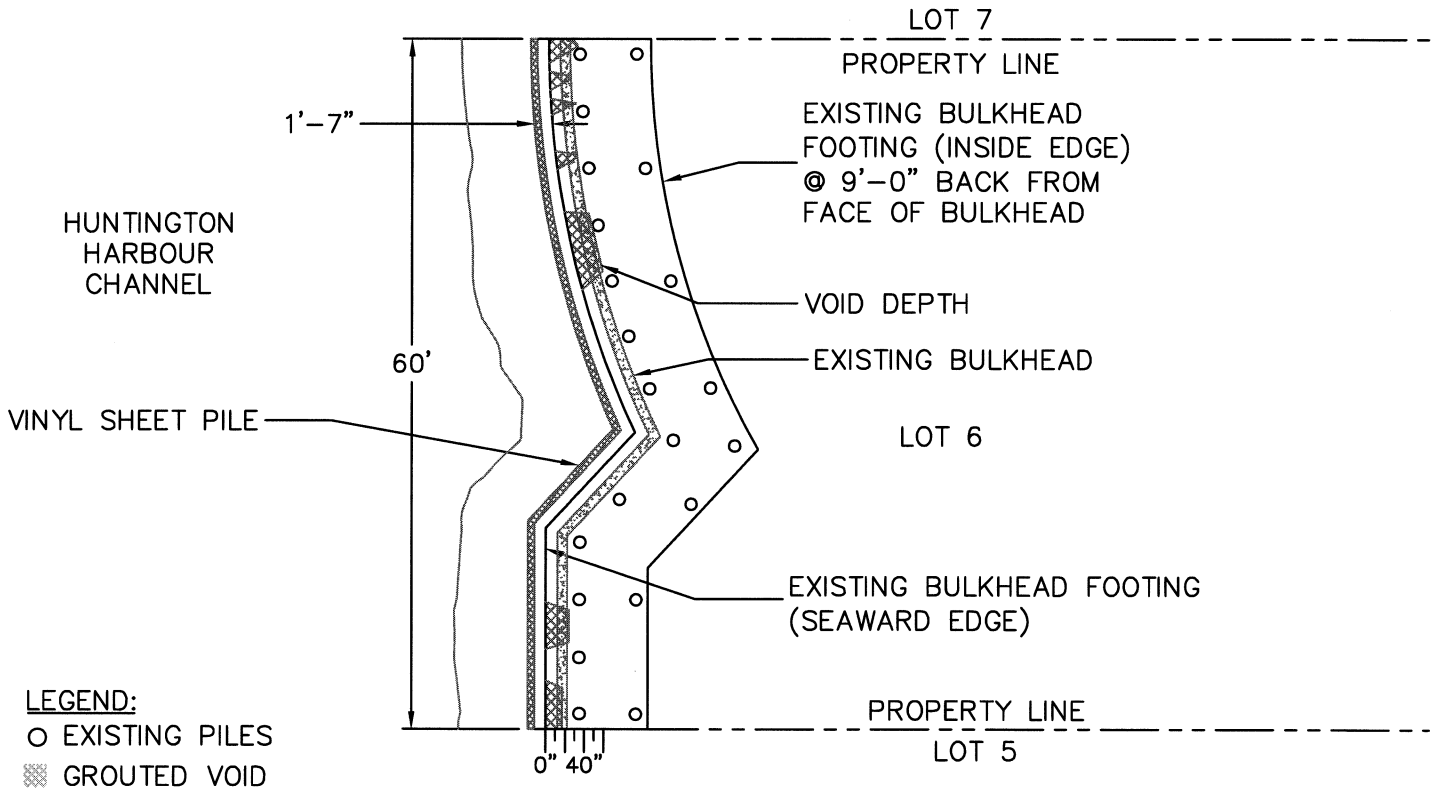
1/16" = 1'-0"

Proposed Repair of Existing Bulkhead

Vera J. Butler
3481 Sagamore Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6, 2 of 4



LEGEND:

- O EXISTING PILES
- GROUTED VOID
- ROCK TOE PROTECTION
- EXISTING BULKHEAD

* DRAWING BASED ON PREVIOUS AS BUILTS

* NOT TO SCALE

TETRA TECH
401 East Ocean Blvd., Suite 420
Long Beach, CA 90802
(562) 495-0495, Fax (562)495-5029

PURPOSE: REPAIR EXISTING BULKHEAD

Datum: MLLW = 0

Tract 8636 Lot 6

PLAN VIEW

0 16 32

1/16" = 1'-0"

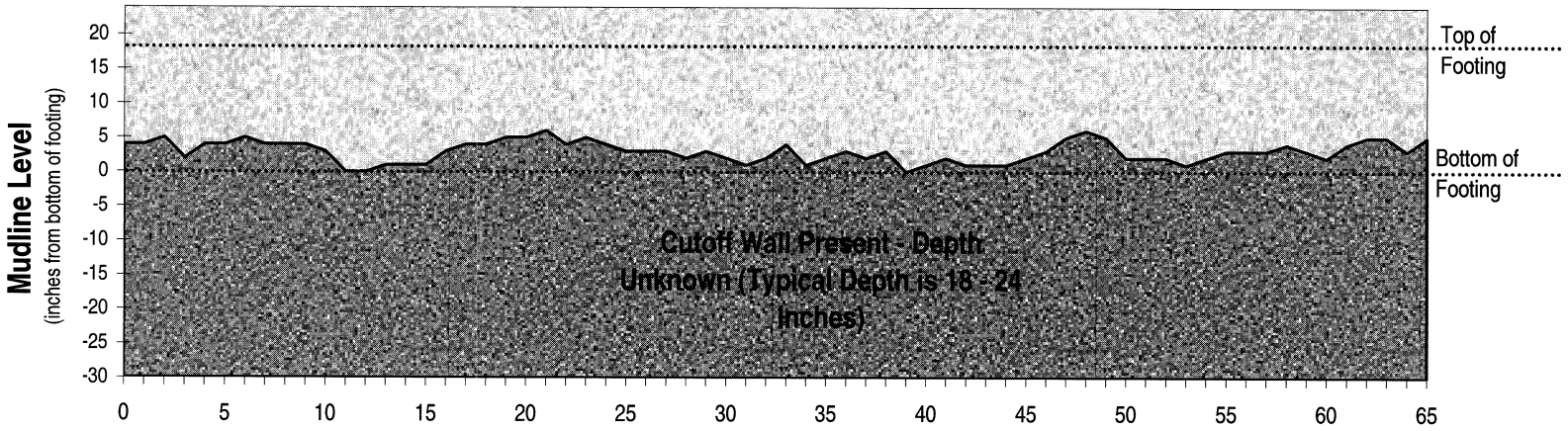
Proposed Repair of Existing Bulkhead

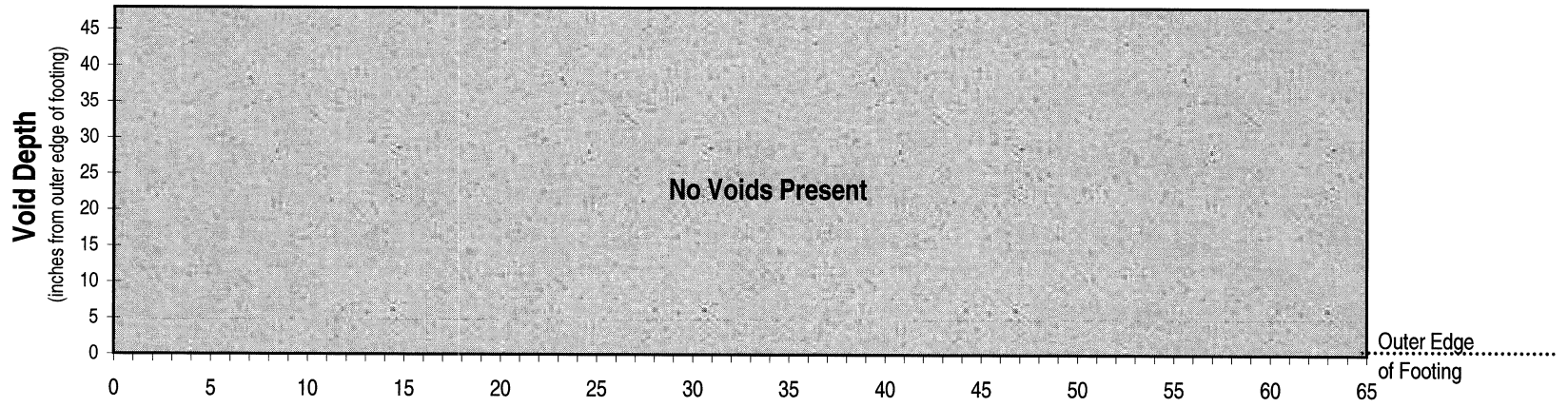
Isaac Azoulay
3432 Venture Drive
Huntington Beach, CA 92649

Sheet 1 of 1 Date: 12/14/07

ATTACHMENT NO. 6-30

LOT 4677-44

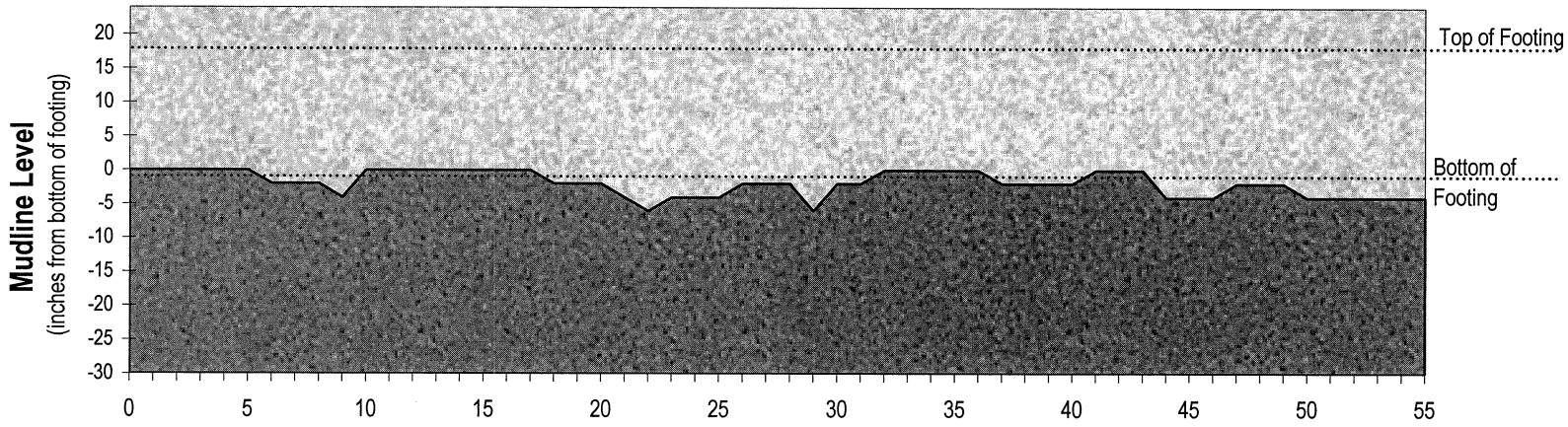


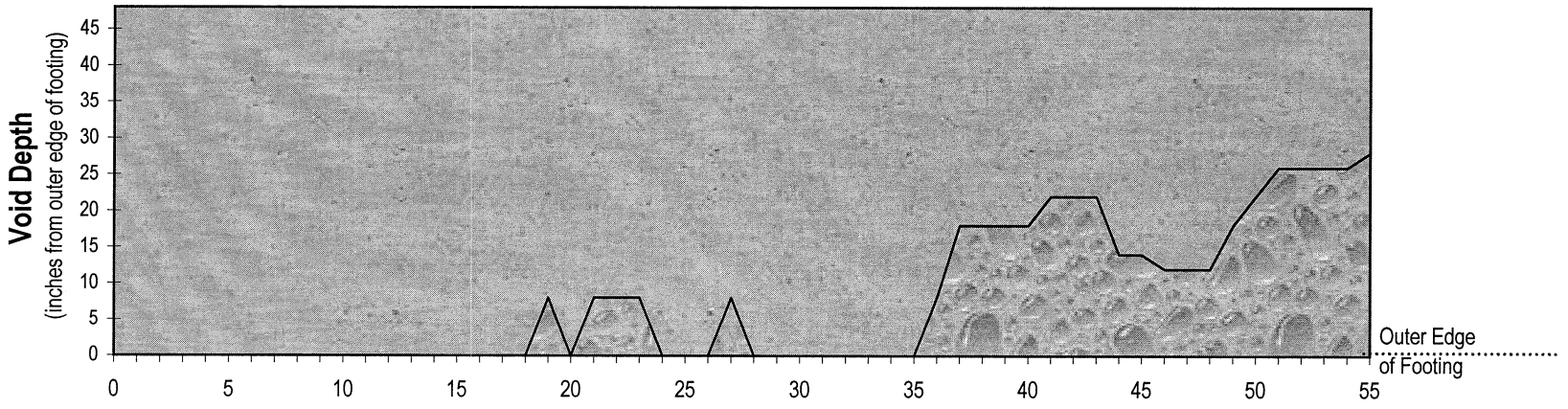


Linear Foot Mark
(south-east to north-west)

ATTACHMENT NO. 6.31

LOT 4880-24

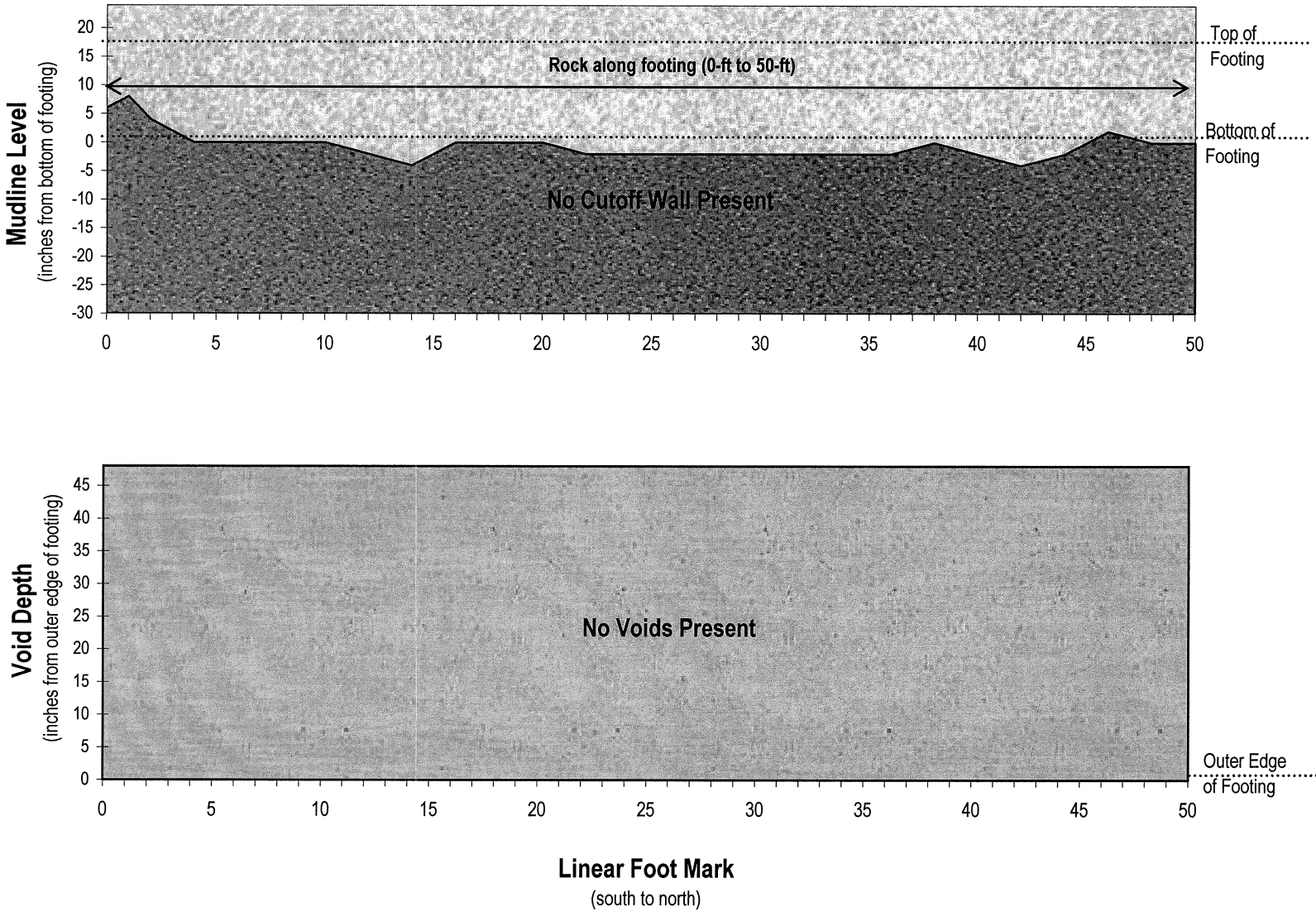




Linear Foot Mark
(north to south)

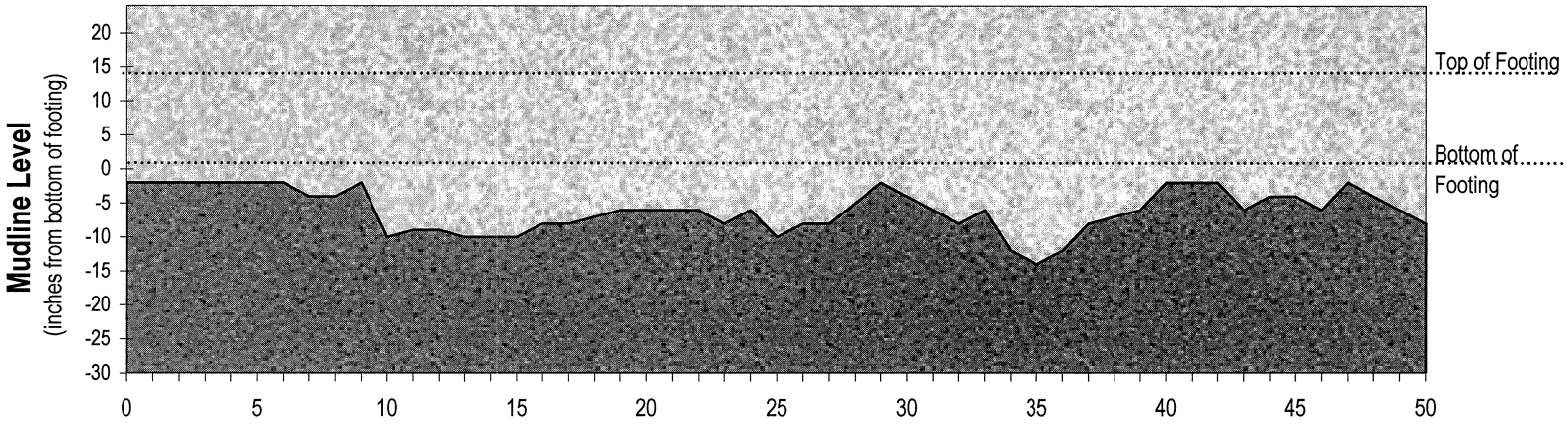
ATTACHMENT NO. 6-32

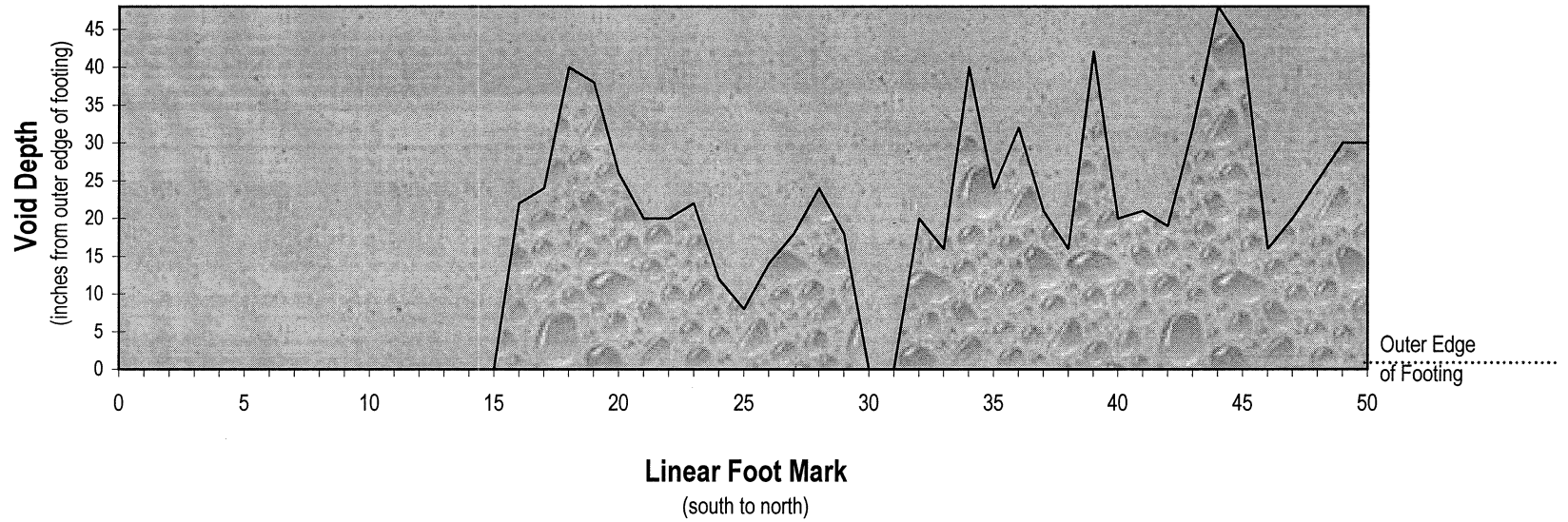
LOT 5050-1



ATTACHMENT NO. 6, 33

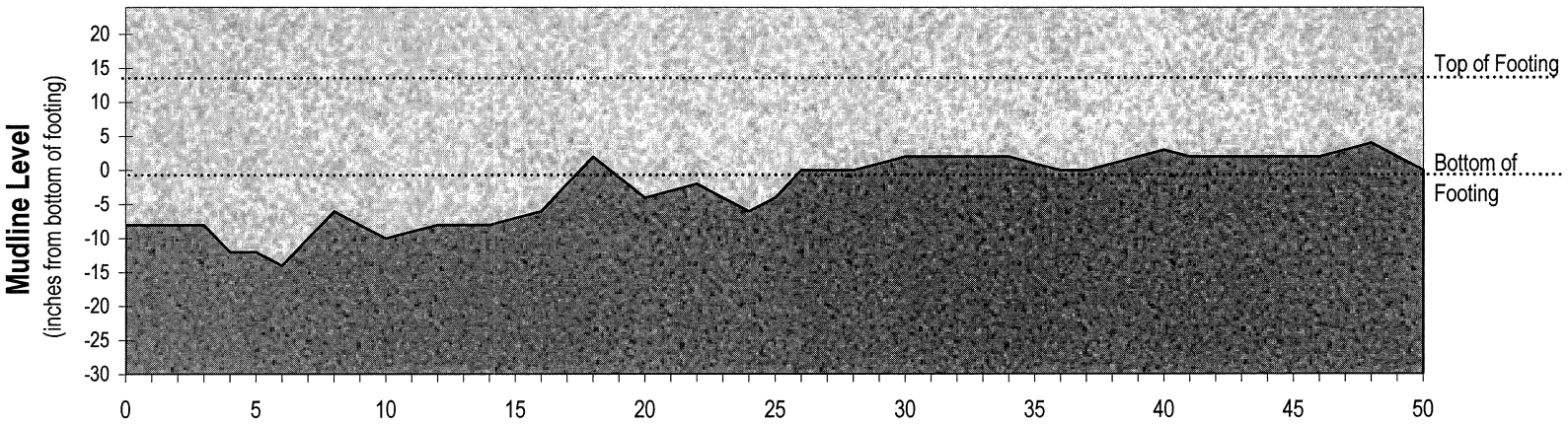
LOT 5050-2

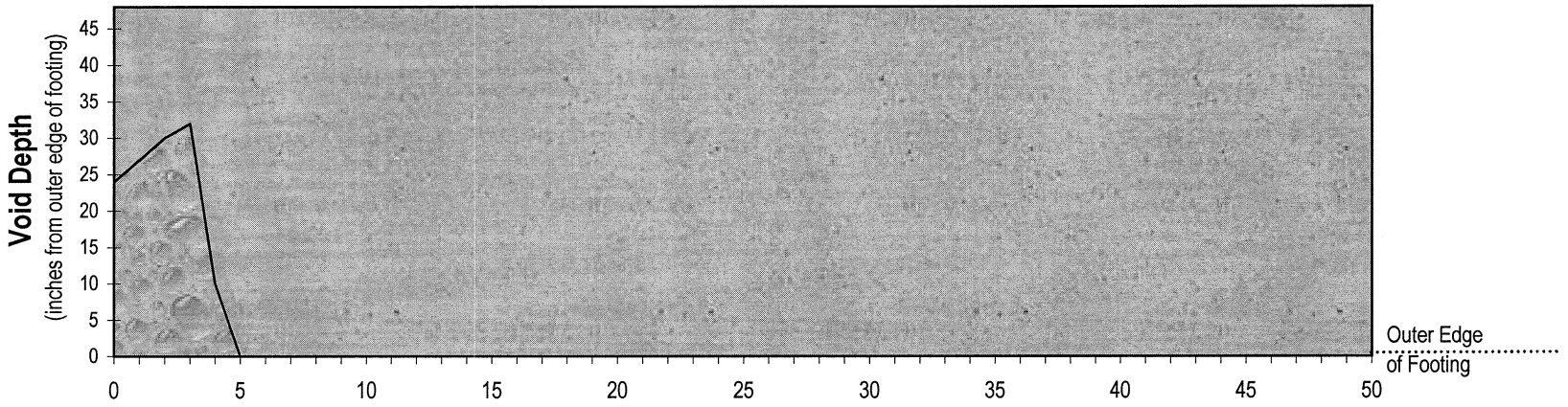




ATTACHMENT NO. 6.34

LOT 5050-3





Linear Foot Mark
(south to north)

ATTACHMENT NO. 4 35