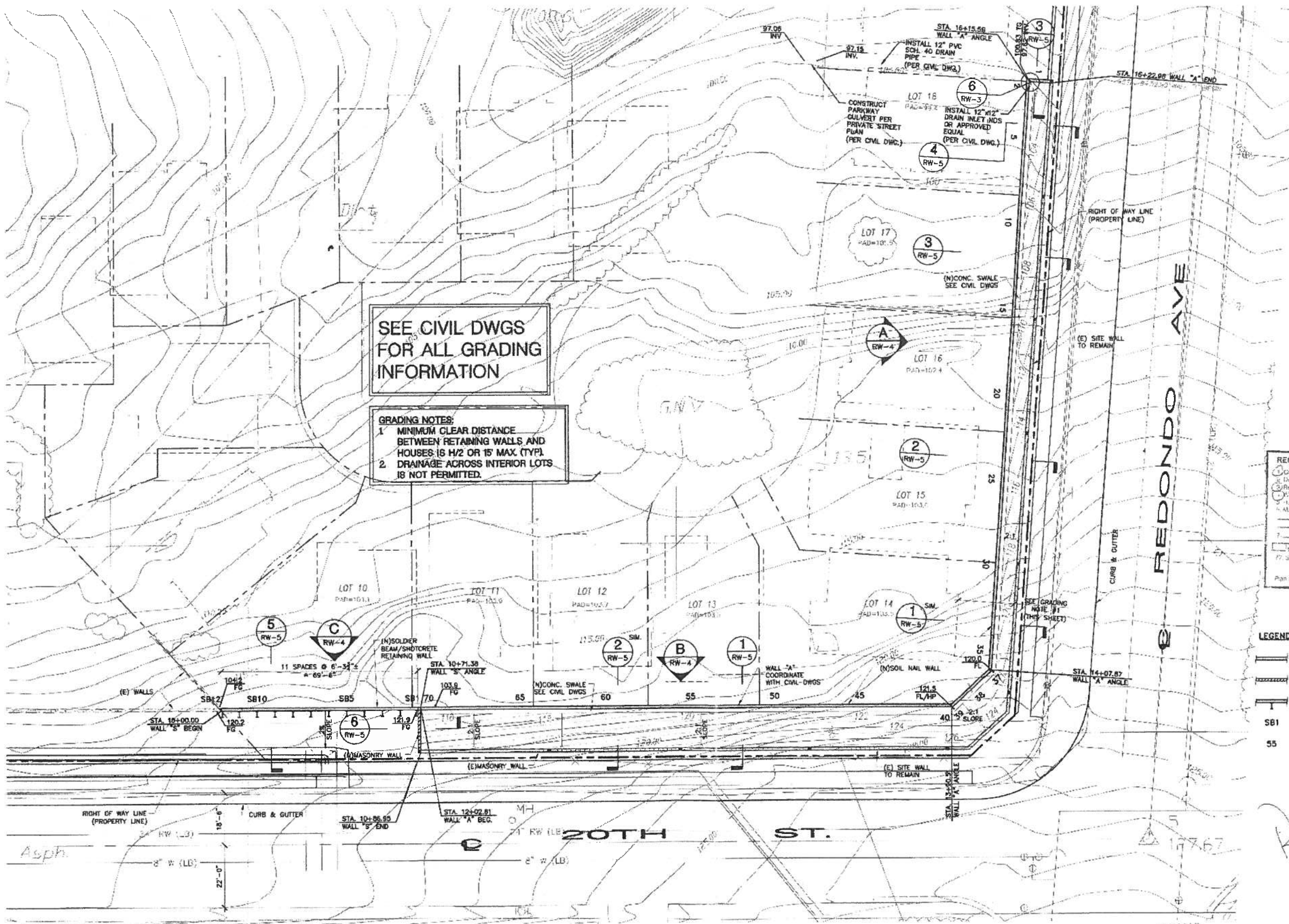


1"=10'
1/16"=1'
1/8"=1'
3/32"=1'
1/4"=1'
3/16"=1'
1/2"=1'
3/4"=1'
1"=1'



SEE CIVIL DWGS FOR ALL GRADING INFORMATION

GRADING NOTES:
 1. MINIMUM CLEAR DISTANCE BETWEEN RETAINING WALLS AND HOUSES IS H/2 OR 15' MAX (TYP).
 2. DRAINAGE ACROSS INTERIOR LOTS IS NOT PERMITTED.

REGISTERED INSPECTOR REQUIRED

1. Concrete	8. Steel Moment Frame
2. Ductile Frame	9. Fire Proofing
3. Reinforcing Steel	10. Paving
4. Masonry	11. Grading
5. L.S. Dams	12. Scaffolding
6. Abutments	13. Erection of Girders
7. Penetration	14. Erection of Steel Decking
8. Welding	15. Structural Closure

Plan Checked by: *[Signature]*

LEGEND:

- DENOTES NEW SOIL NAIL WALL
- DENOTES NEW MASONRY WALL
- DENOTES NEW SOLDIER PILE WALL
- SB1 - DENOTES SOLDIER BEAM NUMBER
- 55 - DENOTES SOIL NAIL COLUMN NUMBER

PLANS APPROVED BY BUILDING BUREAU CITY OF LONG BEACH DEC 17 2010



Approved: *[Signature]*
 Robert A. Burnett
 Engineer & Development Services
 Department of Planning & Building
 DEC 18 2010

Planned: *[Signature]*

BASIS OF BEARINGS:
 CENTER OF REDONDO AVENUE AS SHOWN ON TRACT MAP NO. 51830 FILED IN MAP BOOK 1254, PAGES 1-11. SAID BEARING BEING N04°13'22"E.

CITY OF LONG BEACH BENCHMARK NO. 103:
 N.W. COR. STD. BRASS DISC IN P.C.C. FLUSH WITH T.C. AT M.O.C. MARKED C.L.B.B.M. 103 RE 311 1970 11' W OF C.L. AND 11.5' N OF C.L. RESET 6-11-70.
 LOCATION: HILL AT. AND REDONDO AVE.
 ELEVATION: 65.201 M.S.L., NOV29 1985 ADJ.

AS PER DRC ENGINEERING, INC. (CIVIL ENGINEER)

RETAINING WALL PLAN



BURNETT & YOUNG, Inc.
 CONSULTANTS & ENGINEERS
 650 Sierra Madre Villa Ave., Suite 206
 Pasadena, CA 91107
 Phone: (626) 351-3857, Fax: (626) 351-3247

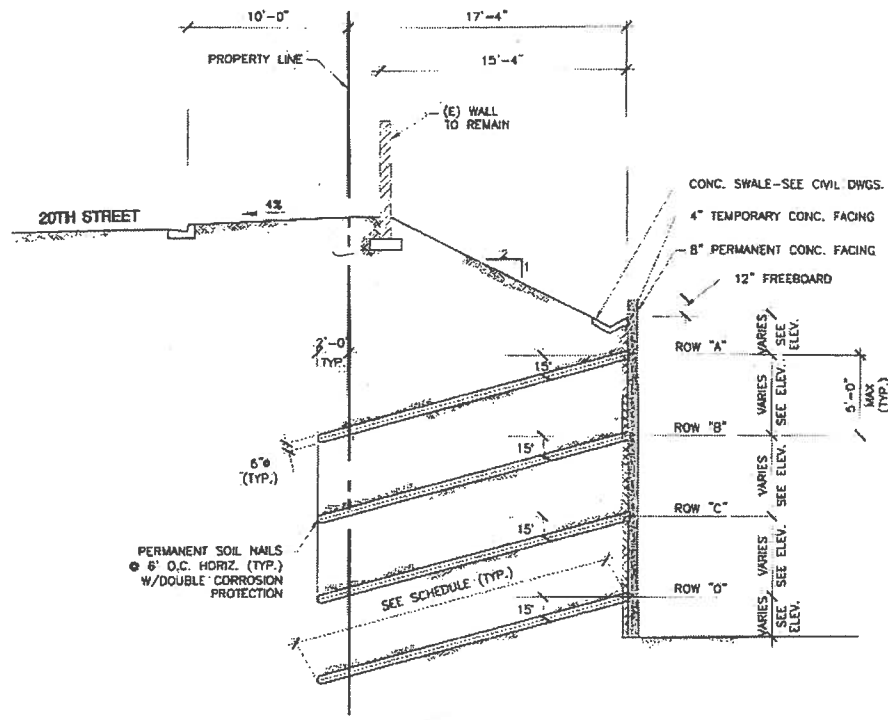
AUBRY AT ALAMITOS RIDGE
 PERMANENT SOIL NAIL AND SOLDIER PILE WALLS
 CALIFORNIA
 LONG BEACH

SHORING PLAN

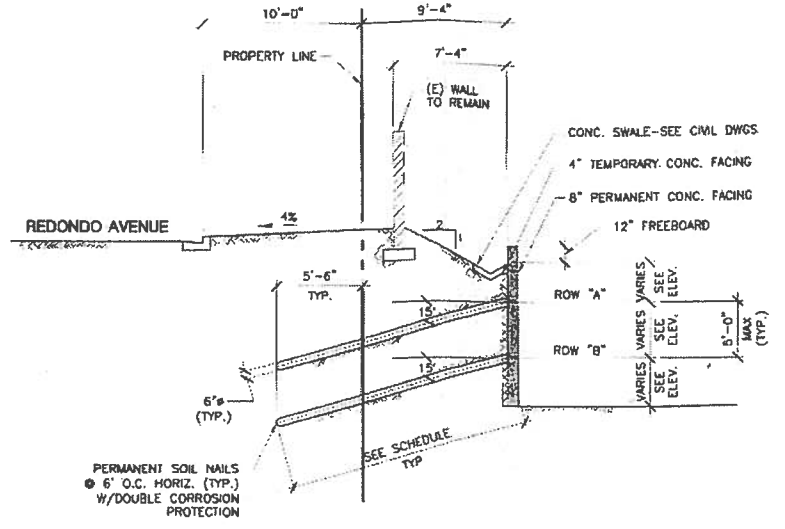
Date: 12-15-10
 Scale: 1/16"=1'-0"
 Project: MB
 Checked: LAB
 Job No.: 10-1039
 Sheet: **RW-1**

2020 OBISLO AVE.
 DFEN 77900

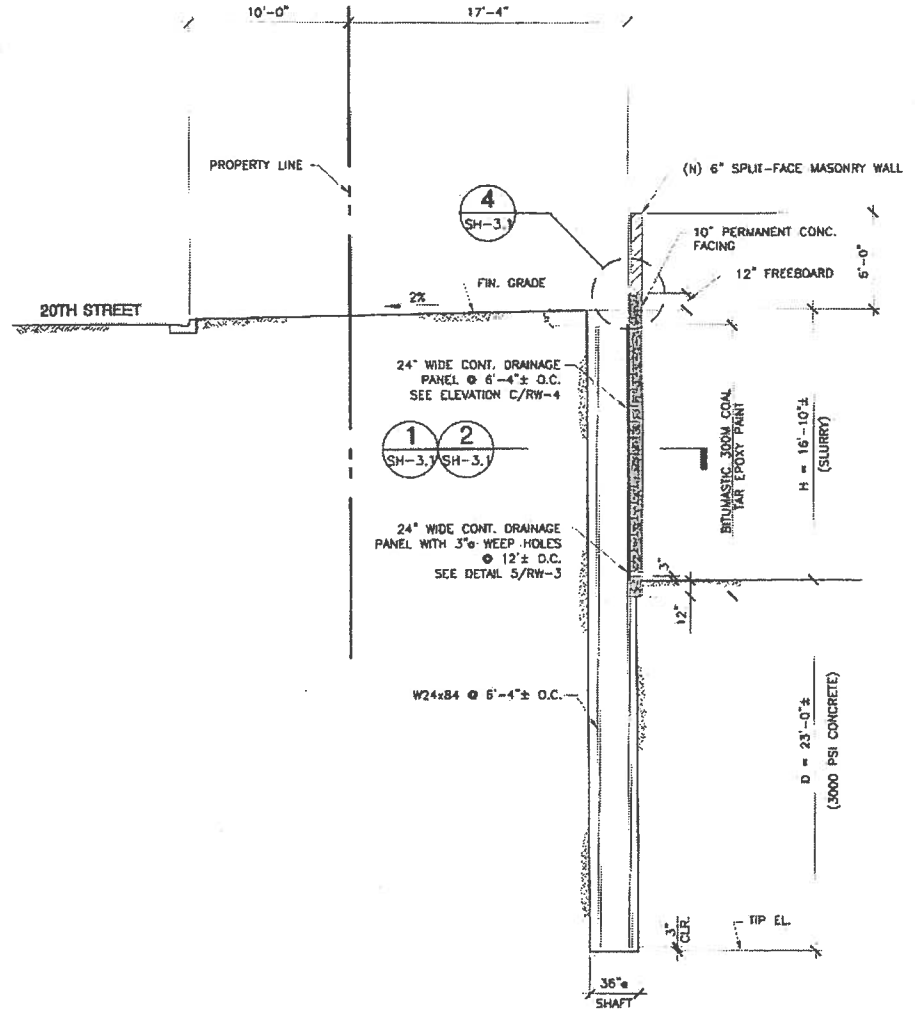
1/16" = 1'-0"
 0 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" 1 1/8" 1 1/4" 1 3/8" 1 1/2" 1 5/8" 1 3/4" 1 7/8" 2" 2 1/8" 2 1/4" 2 3/8" 2 1/2" 2 5/8" 2 3/4" 2 7/8" 3" 3 1/8" 3 1/4" 3 3/8" 3 1/2" 3 5/8" 3 3/4" 3 7/8" 4" 4 1/8" 4 1/4" 4 3/8" 4 1/2" 4 5/8" 4 3/4" 4 7/8" 5" 5 1/8" 5 1/4" 5 3/8" 5 1/2" 5 5/8" 5 3/4" 5 7/8" 6" 6 1/8" 6 1/4" 6 3/8" 6 1/2" 6 5/8" 6 3/4" 6 7/8" 7" 7 1/8" 7 1/4" 7 3/8" 7 1/2" 7 5/8" 7 3/4" 7 7/8" 8" 8 1/8" 8 1/4" 8 3/8" 8 1/2" 8 5/8" 8 3/4" 8 7/8" 9" 9 1/8" 9 1/4" 9 3/8" 9 1/2" 9 5/8" 9 3/4" 9 7/8" 10" 10 1/8" 10 1/4" 10 3/8" 10 1/2" 10 5/8" 10 3/4" 10 7/8" 11" 11 1/8" 11 1/4" 11 3/8" 11 1/2" 11 5/8" 11 3/4" 11 7/8" 12" 12 1/8" 12 1/4" 12 3/8" 12 1/2" 12 5/8" 12 3/4" 12 7/8" 13" 13 1/8" 13 1/4" 13 3/8" 13 1/2" 13 5/8" 13 3/4" 13 7/8" 14" 14 1/8" 14 1/4" 14 3/8" 14 1/2" 14 5/8" 14 3/4" 14 7/8" 15" 15 1/8" 15 1/4" 15 3/8" 15 1/2" 15 5/8" 15 3/4" 15 7/8" 16" 16 1/8" 16 1/4" 16 3/8" 16 1/2" 16 5/8" 16 3/4" 16 7/8" 17" 17 1/8" 17 1/4" 17 3/8" 17 1/2" 17 5/8" 17 3/4" 17 7/8" 18" 18 1/8" 18 1/4" 18 3/8" 18 1/2" 18 5/8" 18 3/4" 18 7/8" 19" 19 1/8" 19 1/4" 19 3/8" 19 1/2" 19 5/8" 19 3/4" 19 7/8" 20" 20 1/8" 20 1/4" 20 3/8" 20 1/2" 20 5/8" 20 3/4" 20 7/8" 21" 21 1/8" 21 1/4" 21 3/8" 21 1/2" 21 5/8" 21 3/4" 21 7/8" 22" 22 1/8" 22 1/4" 22 3/8" 22 1/2" 22 5/8" 22 3/4" 22 7/8" 23" 23 1/8" 23 1/4" 23 3/8" 23 1/2" 23 5/8" 23 3/4" 23 7/8" 24" 24 1/8" 24 1/4" 24 3/8" 24 1/2" 24 5/8" 24 3/4" 24 7/8" 25" 25 1/8" 25 1/4" 25 3/8" 25 1/2" 25 5/8" 25 3/4" 25 7/8" 26" 26 1/8" 26 1/4" 26 3/8" 26 1/2" 26 5/8" 26 3/4" 26 7/8" 27" 27 1/8" 27 1/4" 27 3/8" 27 1/2" 27 5/8" 27 3/4" 27 7/8" 28" 28 1/8" 28 1/4" 28 3/8" 28 1/2" 28 5/8" 28 3/4" 28 7/8" 29" 29 1/8" 29 1/4" 29 3/8" 29 1/2" 29 5/8" 29 3/4" 29 7/8" 30" 30 1/8" 30 1/4" 30 3/8" 30 1/2" 30 5/8" 30 3/4" 30 7/8" 31" 31 1/8" 31 1/4" 31 3/8" 31 1/2" 31 5/8" 31 3/4" 31 7/8" 32" 32 1/8" 32 1/4" 32 3/8" 32 1/2" 32 5/8" 32 3/4" 32 7/8" 33" 33 1/8" 33 1/4" 33 3/8" 33 1/2" 33 5/8" 33 3/4" 33 7/8" 34" 34 1/8" 34 1/4" 34 3/8" 34 1/2" 34 5/8" 34 3/4" 34 7/8" 35" 35 1/8" 35 1/4" 35 3/8" 35 1/2" 35 5/8" 35 3/4" 35 7/8" 36" 36 1/8" 36 1/4" 36 3/8" 36 1/2" 36 5/8" 36 3/4" 36 7/8" 37" 37 1/8" 37 1/4" 37 3/8" 37 1/2" 37 5/8" 37 3/4" 37 7/8" 38" 38 1/8" 38 1/4" 38 3/8" 38 1/2" 38 5/8" 38 3/4" 38 7/8" 39" 39 1/8" 39 1/4" 39 3/8" 39 1/2" 39 5/8" 39 3/4" 39 7/8" 40" 40 1/8" 40 1/4" 40 3/8" 40 1/2" 40 5/8" 40 3/4" 40 7/8" 41" 41 1/8" 41 1/4" 41 3/8" 41 1/2" 41 5/8" 41 3/4" 41 7/8" 42" 42 1/8" 42 1/4" 42 3/8" 42 1/2" 42 5/8" 42 3/4" 42 7/8" 43" 43 1/8" 43 1/4" 43 3/8" 43 1/2" 43 5/8" 43 3/4" 43 7/8" 44" 44 1/8" 44 1/4" 44 3/8" 44 1/2" 44 5/8" 44 3/4" 44 7/8" 45" 45 1/8" 45 1/4" 45 3/8" 45 1/2" 45 5/8" 45 3/4" 45 7/8" 46" 46 1/8" 46 1/4" 46 3/8" 46 1/2" 46 5/8" 46 3/4" 46 7/8" 47" 47 1/8" 47 1/4" 47 3/8" 47 1/2" 47 5/8" 47 3/4" 47 7/8" 48" 48 1/8" 48 1/4" 48 3/8" 48 1/2" 48 5/8" 48 3/4" 48 7/8" 49" 49 1/8" 49 1/4" 49 3/8" 49 1/2" 49 5/8" 49 3/4" 49 7/8" 50" 50 1/8" 50 1/4" 50 3/8" 50 1/2" 50 5/8" 50 3/4" 50 7/8" 51" 51 1/8" 51 1/4" 51 3/8" 51 1/2" 51 5/8" 51 3/4" 51 7/8" 52" 52 1/8" 52 1/4" 52 3/8" 52 1/2" 52 5/8" 52 3/4" 52 7/8" 53" 53 1/8" 53 1/4" 53 3/8" 53 1/2" 53 5/8" 53 3/4" 53 7/8" 54" 54 1/8" 54 1/4" 54 3/8" 54 1/2" 54 5/8" 54 3/4" 54 7/8" 55" 55 1/8" 55 1/4" 55 3/8" 55 1/2" 55 5/8" 55 3/4" 55 7/8" 56" 56 1/8" 56 1/4" 56 3/8" 56 1/2" 56 5/8" 56 3/4" 56 7/8" 57" 57 1/8" 57 1/4" 57 3/8" 57 1/2" 57 5/8" 57 3/4" 57 7/8" 58" 58 1/8" 58 1/4" 58 3/8" 58 1/2" 58 5/8" 58 3/4" 58 7/8" 59" 59 1/8" 59 1/4" 59 3/8" 59 1/2" 59 5/8" 59 3/4" 59 7/8" 60" 60 1/8" 60 1/4" 60 3/8" 60 1/2" 60 5/8" 60 3/4" 60 7/8" 61" 61 1/8" 61 1/4" 61 3/8" 61 1/2" 61 5/8" 61 3/4" 61 7/8" 62" 62 1/8" 62 1/4" 62 3/8" 62 1/2" 62 5/8" 62 3/4" 62 7/8" 63" 63 1/8" 63 1/4" 63 3/8" 63 1/2" 63 5/8" 63 3/4" 63 7/8" 64" 64 1/8" 64 1/4" 64 3/8" 64 1/2" 64 5/8" 64 3/4" 64 7/8" 65" 65 1/8" 65 1/4" 65 3/8" 65 1/2" 65 5/8" 65 3/4" 65 7/8" 66" 66 1/8" 66 1/4" 66 3/8" 66 1/2" 66 5/8" 66 3/4" 66 7/8" 67" 67 1/8" 67 1/4" 67 3/8" 67 1/2" 67 5/8" 67 3/4" 67 7/8" 68" 68 1/8" 68 1/4" 68 3/8" 68 1/2" 68 5/8" 68 3/4" 68 7/8" 69" 69 1/8" 69 1/4" 69 3/8" 69 1/2" 69 5/8" 69 3/4" 69 7/8" 70" 70 1/8" 70 1/4" 70 3/8" 70 1/2" 70 5/8" 70 3/4" 70 7/8" 71" 71 1/8" 71 1/4" 71 3/8" 71 1/2" 71 5/8" 71 3/4" 71 7/8" 72" 72 1/8" 72 1/4" 72 3/8" 72 1/2" 72 5/8" 72 3/4" 72 7/8" 73" 73 1/8" 73 1/4" 73 3/8" 73 1/2" 73 5/8" 73 3/4" 73 7/8" 74" 74 1/8" 74 1/4" 74 3/8" 74 1/2" 74 5/8" 74 3/4" 74 7/8" 75" 75 1/8" 75 1/4" 75 3/8" 75 1/2" 75 5/8" 75 3/4" 75 7/8" 76" 76 1/8" 76 1/4" 76 3/8" 76 1/2" 76 5/8" 76 3/4" 76 7/8" 77" 77 1/8" 77 1/4" 77 3/8" 77 1/2" 77 5/8" 77 3/4" 77 7/8" 78" 78 1/8" 78 1/4" 78 3/8" 78 1/2" 78 5/8" 78 3/4" 78 7/8" 79" 79 1/8" 79 1/4" 79 3/8" 79 1/2" 79 5/8" 79 3/4" 79 7/8" 80" 80 1/8" 80 1/4" 80 3/8" 80 1/2" 80 5/8" 80 3/4" 80 7/8" 81" 81 1/8" 81 1/4" 81 3/8" 81 1/2" 81 5/8" 81 3/4" 81 7/8" 82" 82 1/8" 82 1/4" 82 3/8" 82 1/2" 82 5/8" 82 3/4" 82 7/8" 83" 83 1/8" 83 1/4" 83 3/8" 83 1/2" 83 5/8" 83 3/4" 83 7/8" 84" 84 1/8" 84 1/4" 84 3/8" 84 1/2" 84 5/8" 84 3/4" 84 7/8" 85" 85 1/8" 85 1/4" 85 3/8" 85 1/2" 85 5/8" 85 3/4" 85 7/8" 86" 86 1/8" 86 1/4" 86 3/8" 86 1/2" 86 5/8" 86 3/4" 86 7/8" 87" 87 1/8" 87 1/4" 87 3/8" 87 1/2" 87 5/8" 87 3/4" 87 7/8" 88" 88 1/8" 88 1/4" 88 3/8" 88 1/2" 88 5/8" 88 3/4" 88 7/8" 89" 89 1/8" 89 1/4" 89 3/8" 89 1/2" 89 5/8" 89 3/4" 89 7/8" 90" 90 1/8" 90 1/4" 90 3/8" 90 1/2" 90 5/8" 90 3/4" 90 7/8" 91" 91 1/8" 91 1/4" 91 3/8" 91 1/2" 91 5/8" 91 3/4" 91 7/8" 92" 92 1/8" 92 1/4" 92 3/8" 92 1/2" 92 5/8" 92 3/4" 92 7/8" 93" 93 1/8" 93 1/4" 93 3/8" 93 1/2" 93 5/8" 93 3/4" 93 7/8" 94" 94 1/8" 94 1/4" 94 3/8" 94 1/2" 94 5/8" 94 3/4" 94 7/8" 95" 95 1/8" 95 1/4" 95 3/8" 95 1/2" 95 5/8" 95 3/4" 95 7/8" 96" 96 1/8" 96 1/4" 96 3/8" 96 1/2" 96 5/8" 96 3/4" 96 7/8" 97" 97 1/8" 97 1/4" 97 3/8" 97 1/2" 97 5/8" 97 3/4" 97 7/8" 98" 98 1/8" 98 1/4" 98 3/8" 98 1/2" 98 5/8" 98 3/4" 98 7/8" 99" 99 1/8" 99 1/4" 99 3/8" 99 1/2" 99 5/8" 99 3/4" 99 7/8" 100" 100 1/8" 100 1/4" 100 3/8" 100 1/2" 100 5/8" 100 3/4" 100 7/8"



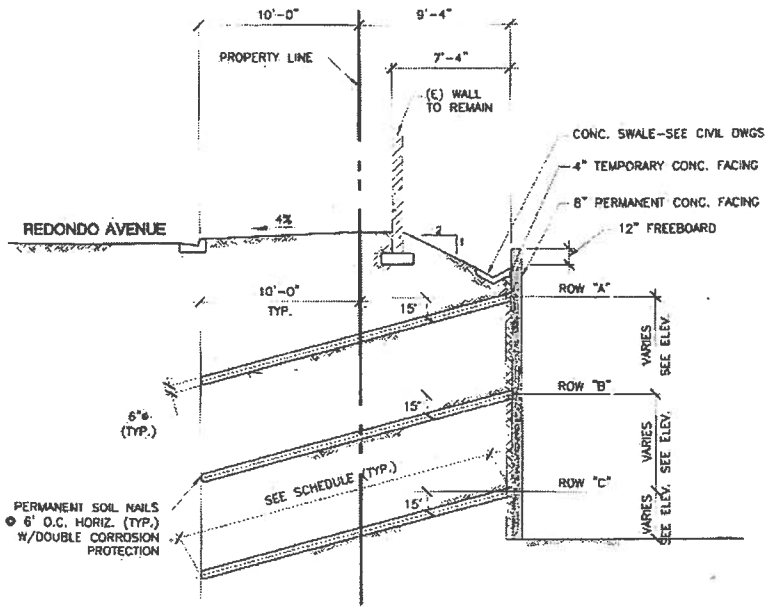
SECTION 1
3/16" = 1'-0"
RW-5



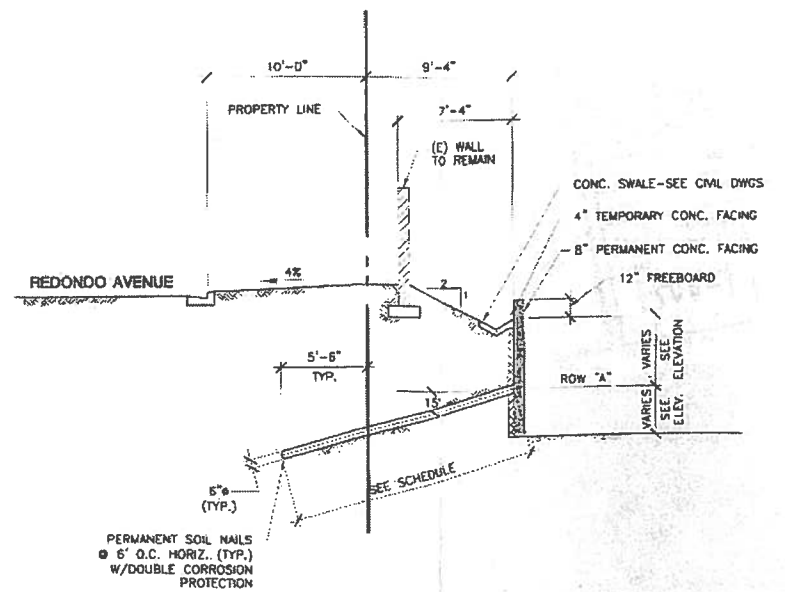
SECTION 3
3/16" = 1'-0"
RW-5



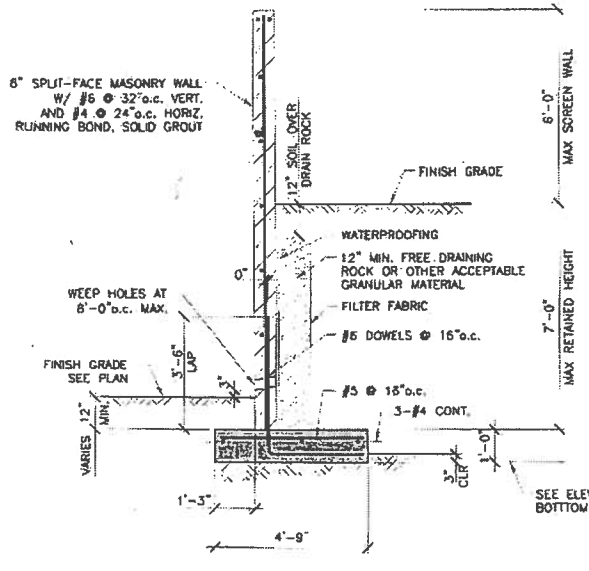
SECTION 5
3/16" = 1'-0"
RW-5



SECTION 2
3/16" = 1'-0"
RW-5



SECTION 4
3/16" = 1'-0"
RW-5



SECTION 6
3/8" = 1'-0"
RW-5

PLANS APPROVED BY
BUILDINGS BUREAU
CITY OF LONG BEACH
DEC 1, 2010



REVISIONS	BY

BURNETT & YOUNG, Inc.
CONSULTANTS & ENGINEERS
650 Sierra Madre Villa Ave., Suite 205
Pasadena CA 91107
Phone: (626) 351-3567 Fax: (626) 351-3247

AUBRY AT ALAMITOS RIDGE
PERMANENT SOIL NAIL AND SOLDIER PILE WALLS
CALIFORNIA
LONG BEACH

SECTIONS

Date	12-15-10
Scale	AS NOTED
Drawn	MB
Checked	LAB
Let No	10-1039
Sheet	RW-5
	0 of 8 Sheets