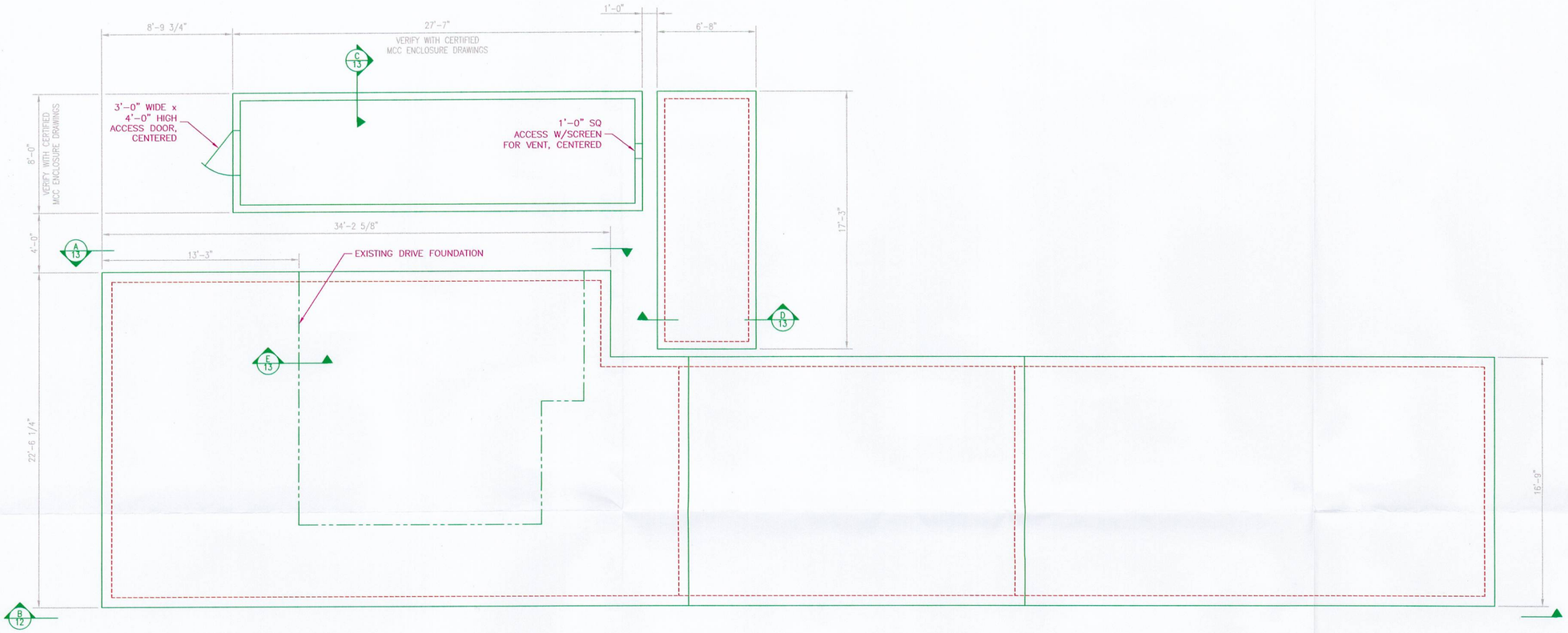
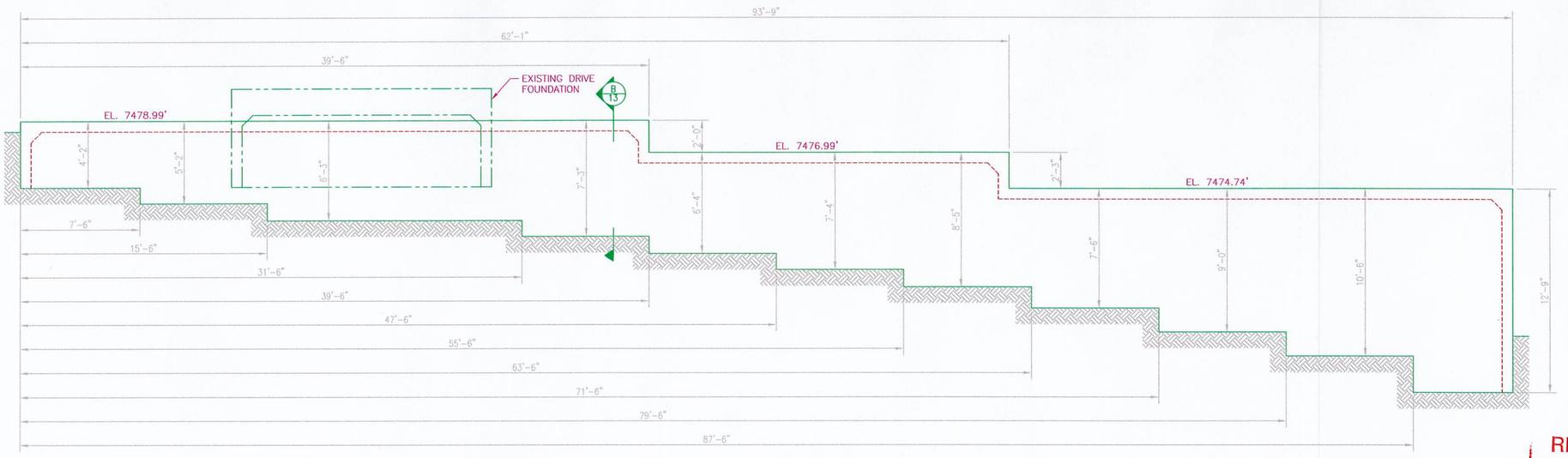


A 12 PLAN
1/4" = 1'-0"



B 12 ELEVATION
1/4" = 1'-0"

REINFORCED CONCRETE

1. ALL CAST IN PLACE CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRESS OF 3,000 PSI AT 28 DAYS.
2. READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED TO THE JOB SITE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN "SPECIFICATIONS FOR READY-MIXED CONCRETE" (ASTM C94-86B).
3. ALL CONCRETE SHALL BE CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT, EMBEDDED FIXTURES AND INTO CORNERS OF FORMS.
4. DURING HOT WEATHER, PROPER ATTENTION SHALL BE GIVEN TO INGREDIENTS, PRODUCTION METHODS, HANDLING, PLACING, PROTECTION, AND CURING TO PREVENT EXCESSIVE CONCRETE TEMPERATURES OR WATER EVAPORATION THAT MAY IMPAIR REQUIRED STRENGTH OR SERVICEABILITY OF THE MEMBER OR STRUCTURE REFER TO ACI 305.
5. NO CONCRETE ADMIXTURES SHALL BE USED WITHOUT PRIOR APPROVAL OF THE ENGINEER OR AS SPECIFIED IN THESE SPECIFICATIONS.
6. ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE.
7. REINFORCING STEEL AND CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-89) AND ACI315.
8. REINFORCED STEEL SHALL BE BILLET STEEL CONFORMING TO ASTM 615-60 KSI.
9. PLACEMENT OF STEEL SHALL BE AS SHOWN ON THE DETAILS AND WITHIN A TOLERANCE OF +/- 3/8" FOR DEPTH OR SPACING AND -3/8" FOR CONCRETE COVER.
10. SPLICE LENGTHS SHALL BE AS SHOWN IN THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

BAR SIZE	SPLICE LENGTH
#4	25 in.
#5	31 in.
#6	37 in.
#7	43 in.
#8	49 in.

11. 2'-0" x 2'-0" CORNER BARS OF THE SAME SIZE AND SPACING AS THE WALL REINFORCING SHALL BE USED AT THE INTERSECTION AND CORNERS OF ALL WALLS.
12. MAXIMUM SLUMP OF CONCRETE SHAL BE 4".

RECEIVED
MAY 23 2005
DIV. OF OIL, GAS & MINING

PRELIMINARY

1' 2' 3' 4' 5' 6' 7' 8'
1/4"=1'-0"

THIS DRAWING INCLUDING THE PRINCIPLES OF DESIGN IS THE PROPERTY OF SMITH & MONROE & GRAY ENGINEERS, INC. (SMG). THE DESIGN SHOWN IN THIS DRAWING IS SITE SPECIFIC AND SHALL BE USED ONLY FOR THE PROJECT SHOWN ON THE TITLE BLOCK. IF THIS DRAWING IS NOT STAMPED WITH AN ENGINEER'S SEAL, THE DRAWING MAY HAVE BEEN REPRODUCED FROM AN UNAUTHORIZED ELECTRONIC COPY. REFER TO A STAMPED AND SIGNED HARD COPY OF THIS DRAWING FOR THE AUTHORIZED DOCUMENT. THIS DRAWING IS NOT TO BE USED IN A MANNER THAT WOULD BE A DETRIMENT TO SMG. ACCEPTANCE OF THIS DRAWING IS AN AGREEMENT TO THE ABOVE.

SYM.	REVISIONS	BY	DATE	CHK'D
A	ISSUED FOR REVIEW	CAP		

SMITH & MONROE & GRAY ENGINEERS, INC.
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY.
BEAVERTON, OREGON 97005
PHONE: (503) 643-8595
FAX: (503) 643-8610

DRAWN BY	DATE	CHKD BY	DATE
CAP	5/6/05		

PACIFICORP
ENERGY WEST MINING COMPANY
ROM BELT CONVEYOR DRIVE & TAKE-UP RETROFIT
DRIVE AND TAKE-UP ENCLOSURE FOUNDATION
PLAN & ELEVATION

SCALE	DWG. NO.	REV.
AS NOTED	05-014B-12	A