

5. REINFORCING STEEL SHALL NOT BE TACK WELDED FOR ANY REASON. WELDED REINFORCING STEEL

1. CONCRETE MASONRY UNITS SHALL BE LOAD BEARING TYPE CONFORMING TO ASTM C-90 HAVING A

FILLED. WEB SHELLS ADJACENT TO CELLS THAT ARE TO BE FILLED ARE TO BE BEDDED IN MORTAR.

4. FILL CELLS AS NOTED ON DRAWINGS WITH 3000 PSI GROUT, OR GROUT CONFORMING TO ASTM C-476,

5. IN SPLICING VERTICAL BARS, LAP ENDS, PLACE IN CONTACT AND WIRE-TIE TOGETHER OR USE BAR

6. INSTALLATION OF CONCRETE MASONRY SHALL BE COMPATIBLE WITH ALL APPLIED FINISHES SUCH AS

7. MASONRY BOND BEAMS AND CONCRETE TIE BEAMS CAST ON MASONRY WALLS SHALL BE CONSTRUCTED

SO AS TO KEY AND BOND INTO BLOCK CELLS. THE USE OF BUILDING PAPER OR SHEET PLASTIC TO CLOSE

8. WALL CONTROL JOINTS SHALL BE PROVIDED IN ALL CONCRETE MASONRY CONSTRUCTION AT LOCATIONS

INDICATED ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS BUT UNLESS NOTED OTHERWISE AT A

10.WALL CONTROL JOINTS SHALL NOT BE PLACED OVER OPENINGS OR WITHIN AN OPENING JAMB WIDTH.

SEE PLANS AND/OR 11. SEE ARCHITECTURAL DRAWINGS FOR SEALANT REQUIREMENTS AT WALL CONTROL

9. HORIZONTAL JOINT REINFORCING SHALL BE INTERRUPTED EACH SIDE OF WALL CONTROL JOINTS.

STUCCO OR PAINT. DO NOT SPONGE WALLS WITHOUT PROPER CLEANING COMPATIBLE WITH FINISHES.

POSITIONERS. LAP BARS SIDE BY SIDE IN THE PLANE OF THE WALL TO MAINTAIN PROPER COVER.

VOIDS BELOW BEAMS IS NOT ALLOWED DUE TO BREAKAGE OF MORTAR BOND.

3. PLAIN END TWO CELLED UNITS SHALL BE USED FOR BLOCKS THAT ARE TO HAVE CELLS REINFORCED AND

SPLICES ARE NOT PERMITTED

MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI (NET AREA).

2. MORTAR SHALL CONFORM TO ASTM C-270 TYPE S.

SPECIFICALLY DESIGNED FOR FILLING OF CELLS.

SPACING NOT GREATER THAN 24' O.C.

CONCRETE MASONRY:

SYSTEM MUST BE INSTALLED OR THE WALL DESIGN MUST CONSIDER THE PRESENCE OF WATER WITHIN THE

13. ALL WATER COLLECTION DEVICES SUCH AS ROOF DOWNSPOUTS, STORM SEWERS, AND CURB GUTTERS

14. RETAINING WALLS IN CONDITIONS THAT ALLOW STANDING WATER TO OVERLAP THE WALL FACE ARE

CONSIDERED WATER APPLICATIONS. THESE WALLS REQUIRE SPECIFIC DESIGN AND CONSTRUCTION STEPS

2. ALL CONCRETE SHALL BE NORMAL WEIGHT (148 PCF DRY DENSITY, MIN), WITH MIXES DESIGNED TO MEET

INDEPENDENT TESTING LABORATORY AND BE SUBMITTED FOR REVIEW PRIOR TO CASTING ANY CONCRETE.

1. FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 2000 PSF

A MINUMUM OF 3000 PSI 28-DAY COMPRESSIVE STRENGTH UNLESS OTHERWISE NOTED.

3. A CONCRETE MIX DESIGN FOR EACH UNIQUE COMBINATION OF STRENGTH. COARSE AGGREGATE

GRADATION AND WATER CEMENT RATIO SPECIFIED SHALL BE PREPARED BY THE SUPPLIER OR AN

MIXES THAT WILL BE TRANSPORTED AT THE PROJECT SITE BY PUMPING SHALL BE SPECIFICALLY

1. THE LATEST EDITION OF THE FOLLOWING ACI STANDARDS APPLY:

MUST BE DESIGNED TO ACCOMMODATE MAXIMUM FLOW RATES AND OUTLET OUTSIDE THE RETAINING WALL

SOIL MASS.

TO ENSURE PERFORMANCE.

<u>CAST-IN-PLACE CONCRETE:</u>

DESIGNED FOR PUMPING.

ACI 318 (CODE) ACI 304 (PLACING)

ACI 306 (WINTER CONCRETING) ACI 315 (DETAILING)

ACI 305 (HOT WEATHER CONCRETING) ACI 347 (FORMWORK)

ACI 211.1 (MIX PROPORTIONING) ACI 301 (SPECIFICATIONS)

FOUNDATIONS:

– 4" DRAIN @ 36" O.C. — HEEL #5@16" O.C. — LONGITUDINAL TOP 3#4 — CONCRETE BASE LONGITUDINAL 3#4 -2'-5" 3" TYP. TOE #5@18" O.C. 4'-1"

WALL SECTION A (TYPICAL)

COMMENTS REVISION DRW CHK APP CLIENT

FERNANDO PENA

PLATINUM STORAGE



TBPE FIRM #: 14437

PROJECT

OFFICE PARK ON TOWNSEND DRIVE

LOCATION

ROCKWALL, TX

DRAWING TITLE:

RETAINING WALL NOTES AND LAYOUT

Drawn Date MEX 10/11/16		Date 10/11/16	App. FPRE	Date 10/11/16
Project Number	SCALE		Dwg Sheet Size	
0129	AS NOTED			D
Drawing No.			F	REV
OPR-W-1				1