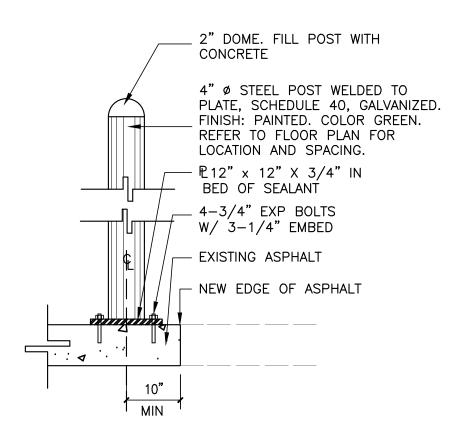
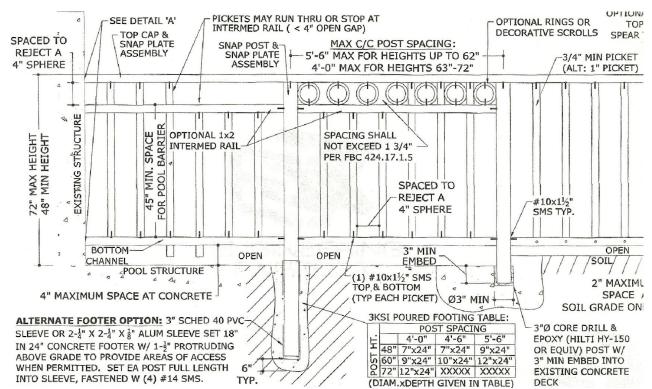


## **EXISTING CONDITION**

A-100 SCALE 1'-0"=3/32"



## **BOLLARDS DETAIL** SCALE 1'-0"=1"



**ALUMINUM FENCE DETAILS A-100** / N.T.S.



SELF-CLOSING GATE & LATCH LATCH 54" ABOVE GRADE **PLEXIGLASS** -PLEXIGLASS WHERE RQD \_2 X 2 BOX BEAM OR WALL -PICKET 1 X 2 HOLLOW
TYP. SPACING TO REJECT A 4" SPHERE

**LOCATION PLAN AND DETAILS** 

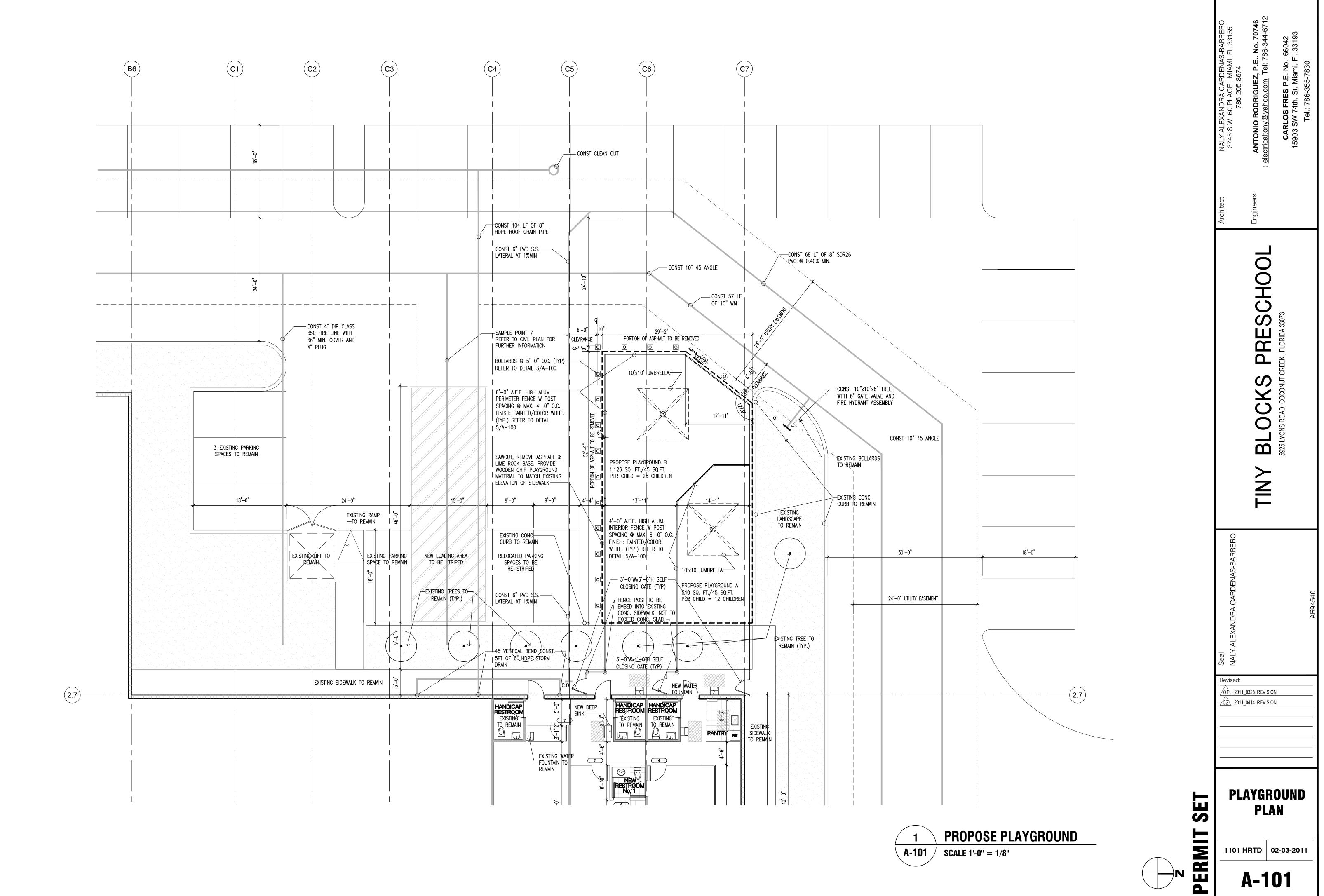
1101 HRTD | 02-15-2011

**A-100** 

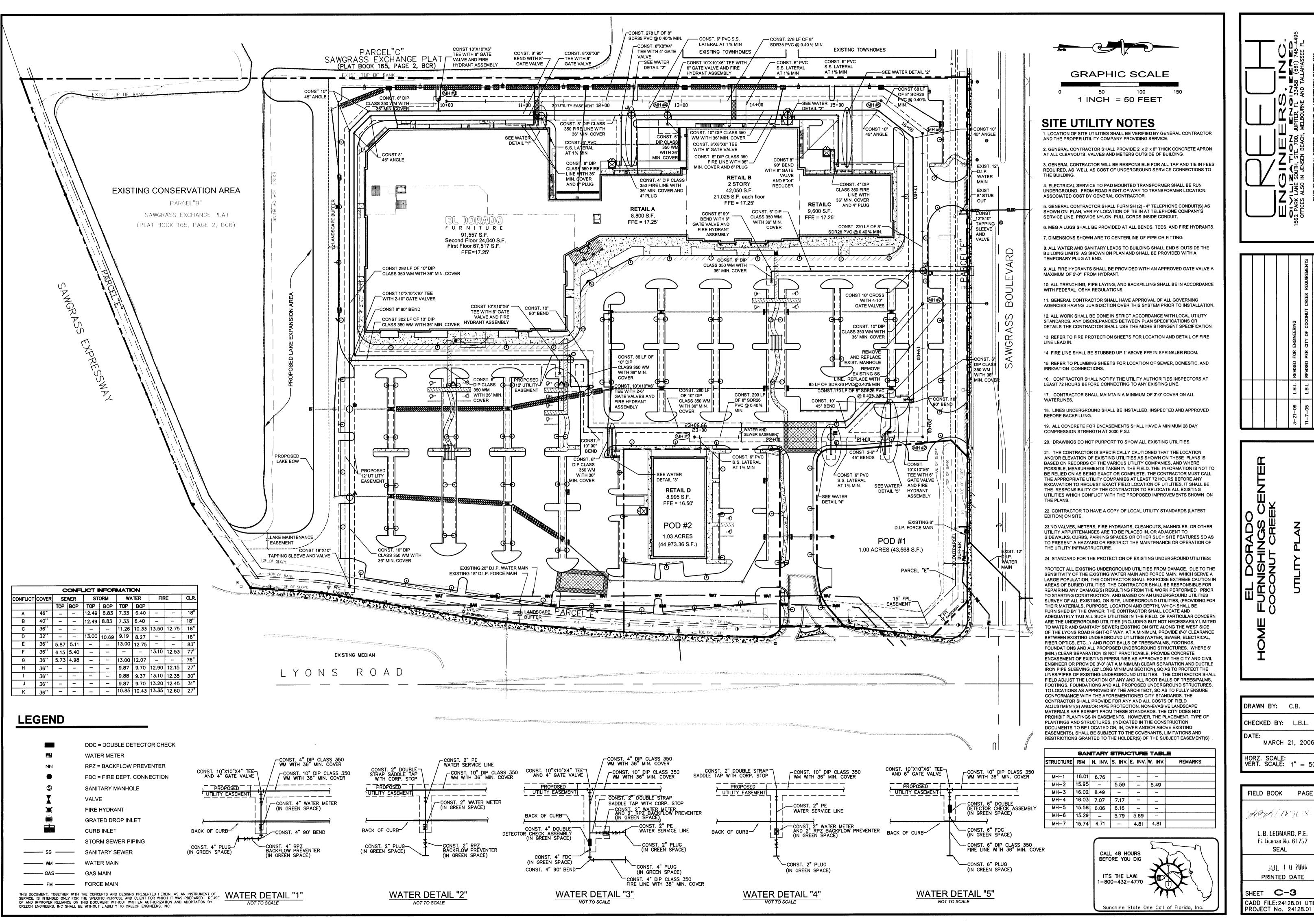
**PERMIT** 

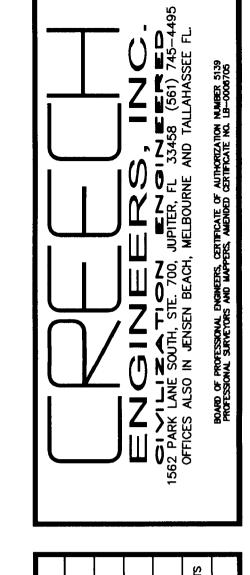
01 2011\_0328 REVISION <u>02</u> 2011\_0414 REVISION

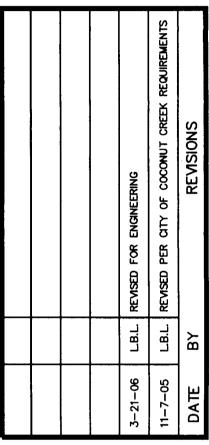
INTO SLEEVE, FASTENED W (4) #14 SMS.



**A-101** 





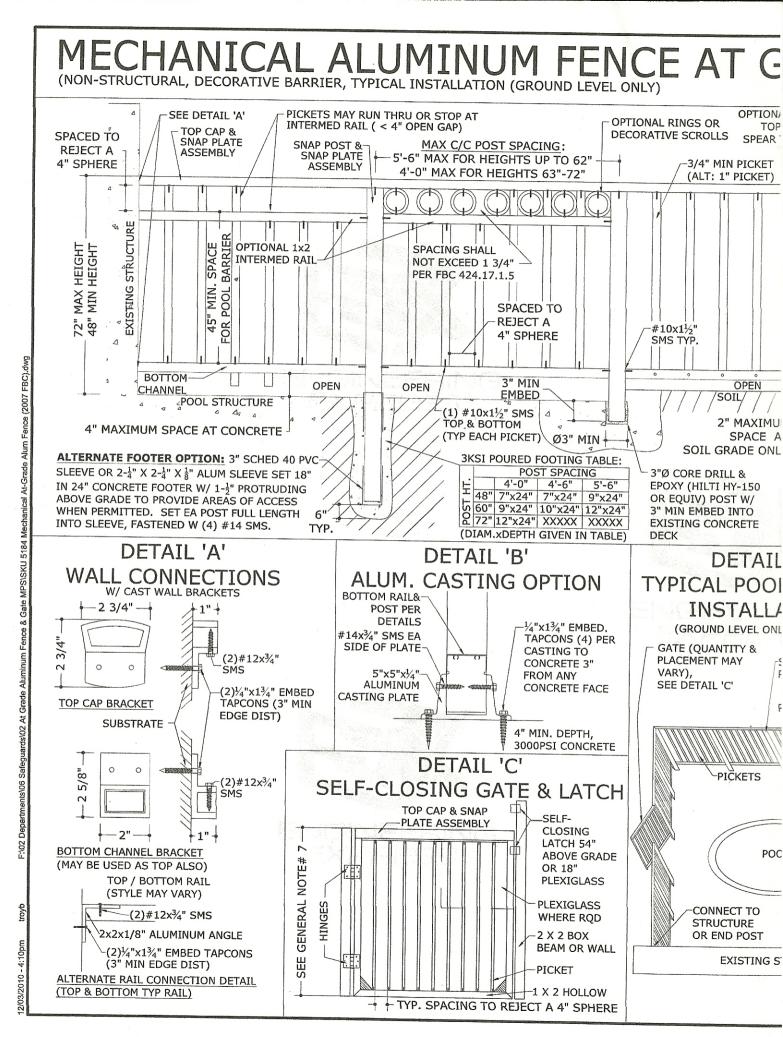


DRAWN BY: C.B. CHECKED BY: L.B.L. DATE: MARCH 21, 2006 HORZ. SCALE: VERT. SCALE: 1" = 50'

FIELD BOOK PAGE HON (WICK L.B. LEONARD, P.E. FL License No. 61737 SEAL

JUL 1 0 2006 PRINTED DATE

SHEET C-3 CADD FILE: 24128.01 UTILIT



## FRANK L. BENNARDO, P.E. DRAWING VALID ONLY WITH ORIGINAL # PE0046549 FENCE EXTRUSIONS SIGNATURE AND RAISED SEAL. VALID FOR (1) LOCATION PER SEALED DRAWING 6063-T6 MINIMUM. EXTRUSION TOLERANCES TO BE PER INDUSTRY STANDARDS SCREW BOSSES ACCOMODATE #10x11/3" SMS ALL BOSSES TO BE USED IN CONNECTION VALID FOR (1) JOB(S) ONLY VALID ONLY WITH RAISED ENGINEER SEAL INCH-THRU → .750" ← 0.065 FOR BLUNT 960 ,750" 5" MAX HT) 0.070 DEERFIELD BEACH, FL 33442 PH: (954) 354-0660 FAX: (954) 354-0443 1.795 Ö 0.040 (C) 41 SNAP PLATE HR-2 1.795 WWW.ENGEXP.COM 3/4" PICKET HR-13 AVENUE, STRUCTURE BOTTOM CHANNEL HR-3 **EXPRES** CERT OF AUTH #9885 FRANK L. BENNARDO, P.E., INC. & SNAP PLATE HR-2 **-1.000** → r 0.050 ∩ 1 2,000 SW 12th SNAP PLATE HR-11 0.044 EXISTING 1" PICKET HR-5 . 4 000 0.066 1.465 ہٰ -1.625 -W 0.097 000 0.045 3 SNAP POST HR-4 & 1.800 ECHANICAL FENCE AT GRADI SNAP PLATE HR-2 SNAP POST HR-4A & **BOTTOM CHANNEL HR-12** SNAP PLATE HR-2 -1.000 d 2.500 SHEE 2.468 CASTING MAY BE AT ANY 0.125 625 000 0.058 POST. SEE 1,219-DETAIL 'B' 0.052 PLAN FENCE MAY TERMINATE AT POST, PROVIDED TOP CAP HR-1 & TOP CAP HR-10 & SPACING RESISTS 1"x2"x1/8" TUBE SNAP PLATE HR-2 SNAP PLATE HR-11 A 4" SPHERE MASTER **GENERAL NOTES 3ARRIER** THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE. ION DESIGN BASED ON ASCE 7-05 USING V = 90MPH (3 SEC GUST, UP TO 6'-2" IN HVHZ), AND 140MPH (3 SEC GUST, BEYOND 6'-2" AND OUTSIDE HVHZ), EXPOSURE 'C', CATEGORY I (I = 0.77), USING THE 'OPEN SIGN 1AY VARY) METHOD', 80% OPEN USED IN CALCULATIONS. THIS FENCE DESIGN TO BE USED AT GROUND SURFACE ONLY, WITH USE LIMITED TO DECORATIVE BARRIER 3. PURPOSES ONLY. THIS FENCE IS NOT INTENDED TO MEET CODES GOVERNING ELEVATED BALCONIES OR P POST & SNAP STRUCTURAL RAILINGS. ALL EXTRUDED MEMBERS SHALL BE MIN. ALUMINUM ALLOY TYPE 6063-T6, U.N.O. TE ASSEMBLY 4. ALL CONCRETE AND EPOXY TO REACH A MIN. COMPRESSIVE STRENGTH OF 3000 PSI IN 7 DAYS. CONCRETE FOOTERS SHALL CONTAIN MINIMUM 0.1% FIBERMESH CONTENT PER CUBIC YARD. CAP & SNAP SURROUNDING SOIL TO BE COMPACTED TO 98% OPTIMUM DENSITY, 2500 PSF MIN. TE ASSEMBLY PER FBC 424,2,17,1.8: ACCESS GATES WHEN PROVIDED MUST BE AT LEAST 48" ABOVE GRADE & EQUIPPED WITH A SELF CLOSING, SELF LATCHING LOCKING DEVICE NOT LESS THAN 54" FROM BOT OF GATE. GATE CHKD 18 MUST OPEN OUTWARD AWAY FROM POOL & MUST HAVE NO OPENING >1/2" WITHIN 18" OF RELEASE FIB MECHANISM. DRWN THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALUMINUM MEMBERS FROM DISSIMILAR METALS TO SB PREVENT ELECTROLYSIS. -BOTTÖM ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS. CHANNEL & ANY HINGE AND LATCH SHALL BE STRUCTURAL QUALITY MOLDED POLYMERS OR ZINC COATED METALS AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & ANY APPLICABLE CODES. SNAP PLATE EX WATERMARK REVISE FOR 07 FBC ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS **ASSEMBLY** SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN. ENGINEERING EXPRESS HAS NOT VISITED THIS JOBSITE. INFORMATION CONTAINED HEREIN IS BASED ON CONTRACTOR-SUPPLIED DATA AND MEASUREMENTS. ENGINEERING EXPRESS SHALL NOT BE HELD COPYRIGHT ENGINEERING EXPRESS RESPONSBILE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS 5184 DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN. WORK SHALL BE FIELD VERIFIED 101 SCALE: BY OTHERS PRIOR TO CONSTRUCTION, ENGINEERING EXPRESS SHALL BE NOTIFIED AND GIVEN AN CONTRACT ID: OPPORTUNITY TO RE-EVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE UCTURE INTENDED. 1

## I. BENJAMIN MOORE- CLASSIC COLOR SELECTION:

BUILDINGS COLORS:

LIGHT BEIGE "ALPACA" . 1014 (MAIN BUILDING)

MEDIUM BEIGE "FAIRWAY OAKS" 1075 (SELECT BUILDING PANELS AND BASE)

ACCENT COLORS:

OFF WHITE- "SAND DUNES" MOT2 (ALL RAISED CORNICES AND BANDS)
LIGHT CORAL - "GRAZING FAUN" M220 (SELECT PANEL INSERTS)

II. CANYAS AWNINGS - SUNBRELLA "FIRESIST": DARK GREEN - "HEMLOCK TWEED" - BASE AWNING

OFF WHITE- "CANVAS"- ACCENT STRIPES

III. ROOF TILE

HANSON ROOF TILE SPANISH "S"- "ADDISON BLEND" TERRA COTTA COLORS WITH AGED LOOK VIA GREY ACCENTS.

IV. LIGHT FIXTURES

DARK GREEN - "HEMLOCK TWEED" BRACKET MOUNTED "STERNBERG" LIGHT FIXTURE.

Y. STOREFRONT AND TRUSS FEATURES; OFF WHITE KYNAR PAINT FINISH ON 41/2" X 2" FRAME SYSTEM 7" CLEAR GLASS.





ALL PLAYSETS MUST BE INSTALLED OVER IMPACT-ATTENUATING SURFACING AND 6' AROUND