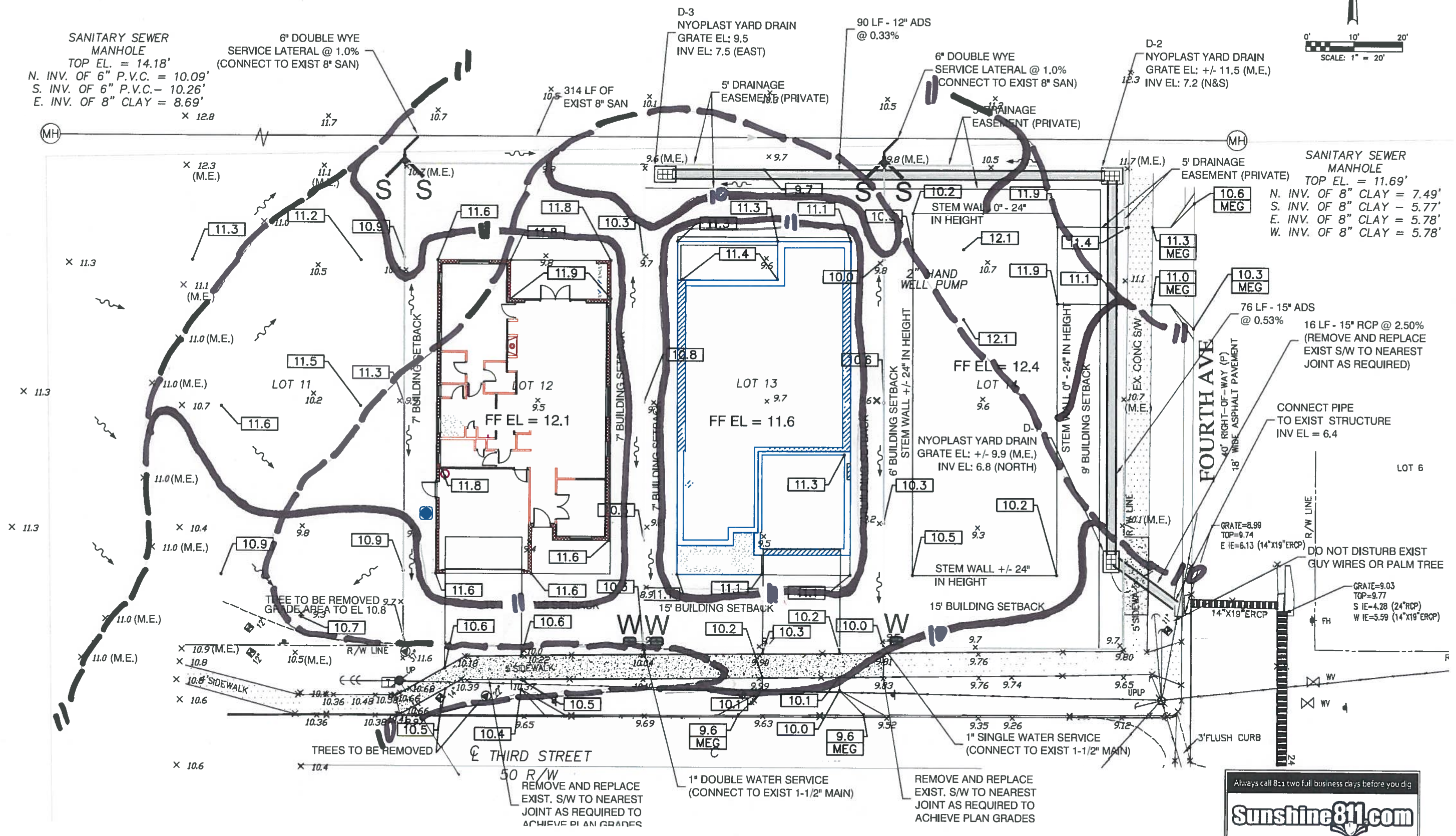
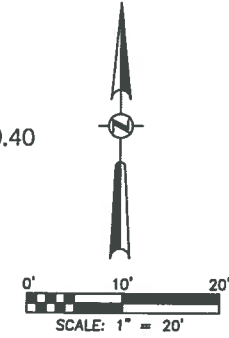


FLOOD ZONE:
 THIS PROPERTY LIES IN FLOOD ZONE "X" AS PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL No. 12103C0127G, DATED 09/03/03

VERTICAL DATUM INFORMATION:
 ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM 1988 ADJUSTMENT (NAVD'88). CONTROL BENCHMARK UTILIZED IS DESIGNATED "SAFETY-S" BY PINELLAS COUNTY SURVEY DEPARTMENT, HAVING AN ELEVATION OF 10.72 FEET.

DRAINAGE BASIN AREA = 0.91 ACRES; IMPERVIOUS AREA = 0.39 ACRES
 'C' VALUE = $(0.39 / 0.91) \times 0.95 + (0.52 / 0.91) \times 0.20 = 0.52$
 $Q = C.I.A. = 0.52 \times 6.4 \times 0.91 = 3.04$ CFS
 3.04 CFS THRU 98 LF OF 15" PIPE = 0.23% OR 0.23'
 3.04 CFS THRU 90 LF OF 12" PIPE = 0.75% OR 0.68'
 $0.23' + 0.68' = 0.91'$; $0.91' + 8.49$ (10YR PEAK EL AT CONNECTION POINT) = 9.40
 $9.40 < 9.50$ - THEREFORE PROPOSED PIPE SIZES ARE ADEQUATE



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 490 KIRKLAND CIRCLE
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 EMAIL: rckelleyes@gmail.com

NO.	DATE	DESCRIPTION

PA PROJECT: _____
 DWG DATE: _____
 ISSUE DATE: _____
 SCALE: _____
 DRAWN BY: _____
 CHECKED BY: _____

3rd STREET
LOTS 12, 13 & 14

MASTER LOT GRADING PLAN & RW CONSTRUCTION SITE PLAN

SHT 1 of 1



User Name: Rich
 Drawing Name: C:\Users\Rich\Documents\Safety Harbor Lots20160606 Final Lot Grading Plans.dwg\MASTER PLAN by Initial Setup Profile