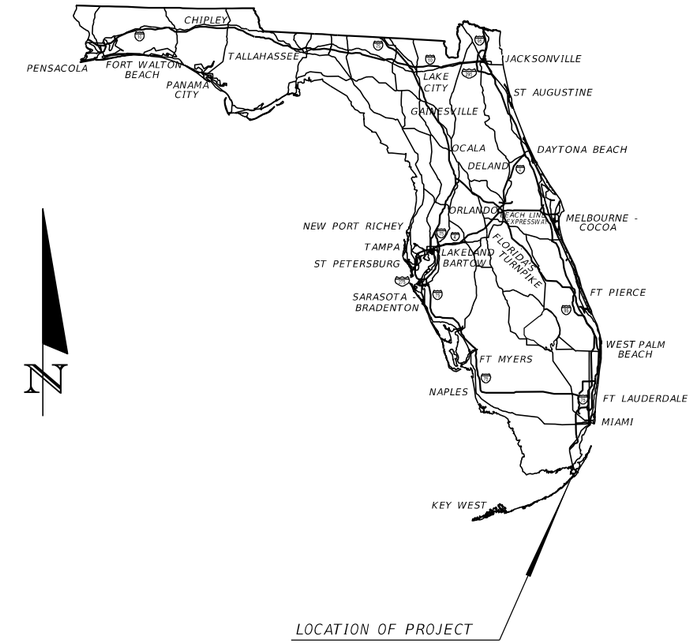
COMPONENTS OF CONTRACT PLANS SET

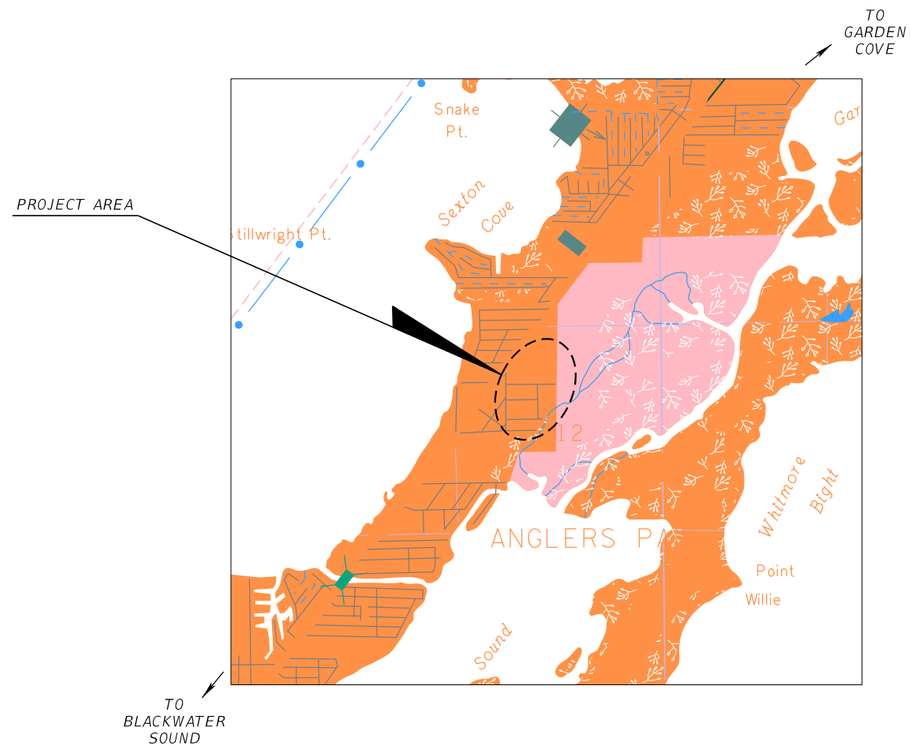
CONTRACT PLANS

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3 - 3A	TYPICAL SECTIONS
4 - 7	ROADWAY PLAN





Disclaimer:
These are conceptual roadway plans developed under the Monroe County Roadway Vulnerability Analysis project for planning purposes. The analysis considered the NOAA 2017 (Intermediate-High) Sea Level Rise and King Tide Projections for a target year of 2045. A pump station parcel will be required and identified in the design phase. The recommended roadway elevation projects depicted and perceived drainage structure locations and layout shown are subject to change throughout the execution of the engineering design phase. These conceptual roadway plans cannot be relied upon for any other purpose by any third party.

PLANS PREPARED BY:
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PRELIMINARY PLANS
FOR REFERENCE PURPOSES ONLY
JULY 2021

Conceptual Plans not to be used for construction.

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

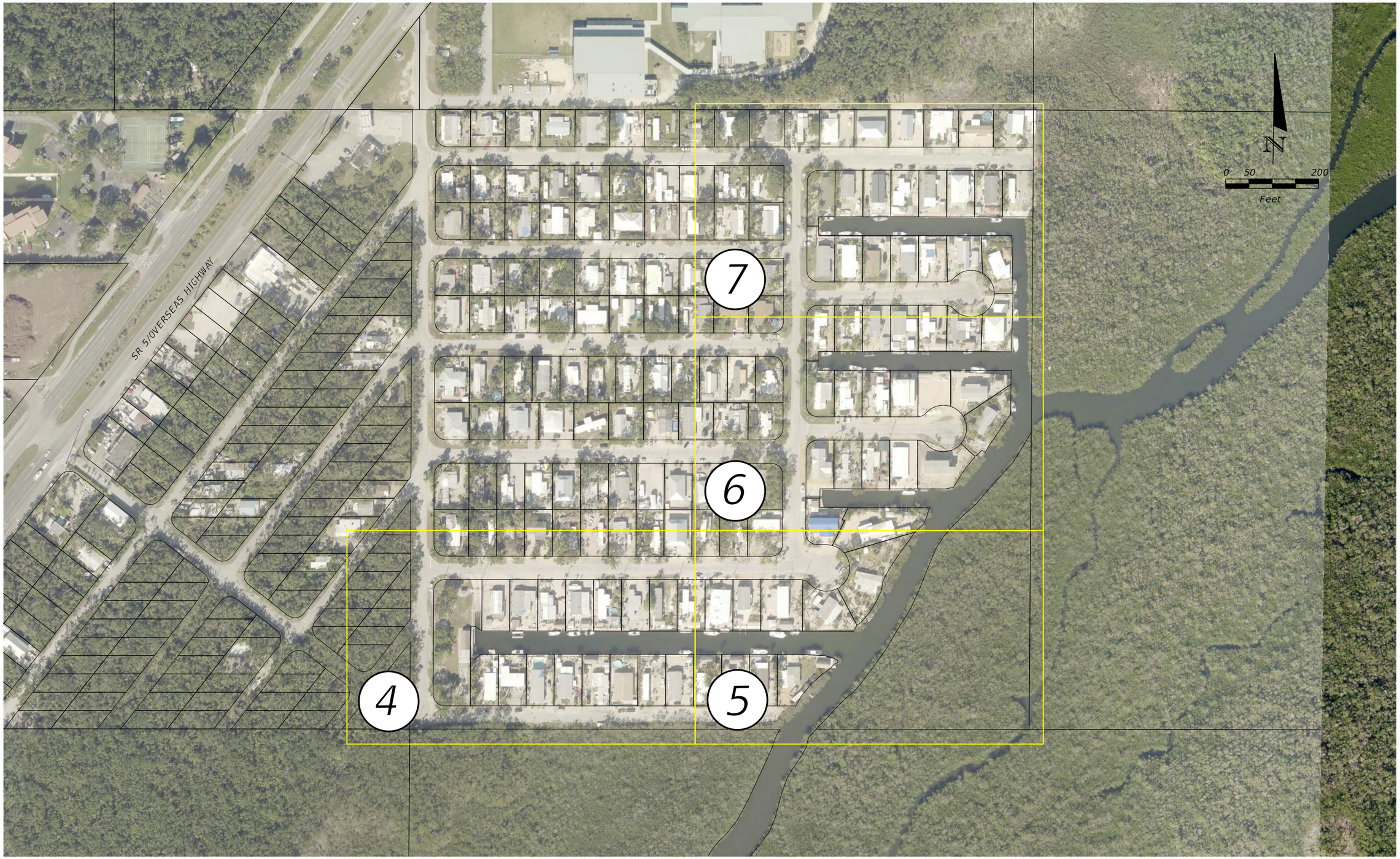
LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	3,700	0.701
BRIDGES	--	--
NET LENGTH OF PROJECT	3,700	0.701
EXCEPTIONS	--	--
GROSS LENGTH OF PROJECT	3,700	0.701

PROJECT AREA #06
KEY LARGO
SUBDIVISIONS:
KEY LARGO MOBILE HOMESITES PLAT NO. 2 /
KEY LARGO MOBILE HOMESITES PLAT NO. 4

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

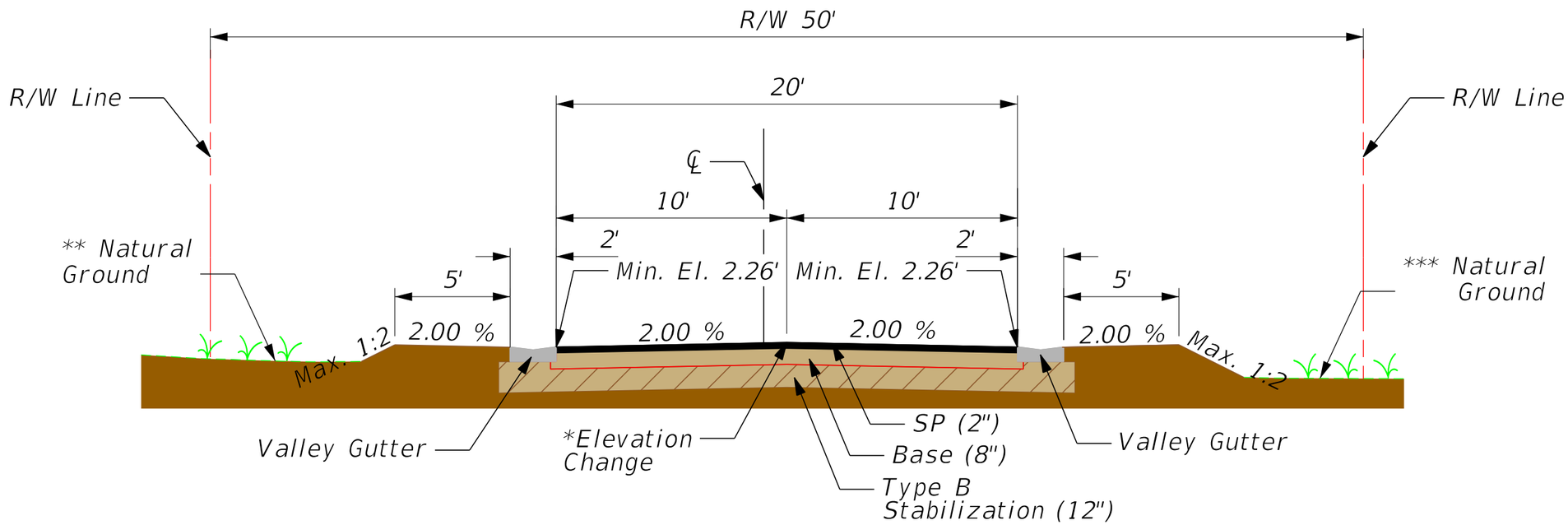
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4 PROJECT LAYOUT

SHEET NO. 2

Conceptual Plans not to be used for construction.

Valley Gutter Alternative
Design for NOAA Intermediate-High
2045 SLR Projections



Typical Section 1

** Left Natural Ground
(FT. NAVD88)

Ryan Ave
Elev. 1.62' - 4.99'
Loeb Ave
Elev. 2.09' - 3.21'
Bucher Dr
Elev. 2.46' - 6.58'
King Ave
Elev. 1.17' - 2.48'
Lance Ln
Elev. 2.24' - 8.74'

Ryan Ave
Sta. 200+00 to Sta. 205+10
*Elevation Change (between exist. ground and final grade) 0' - 0.35'

Loeb Ave
Sta. 300+10 to Sta. 303+81
*Elevation Change (between exist. ground and final grade) 0.36' - 0.65'

Bucher Dr
Sta. 400+00 to Sta. 408+83
*Elevation Change (between exist. ground and final grade) 0' - 0.53'

King Ave
Sta. 500+10 to Sta. 503+21
*Elevation Change (between exist. ground and final grade) 0' - 1.61'

Lance Ln
Sta. 600+10 to Sta. 608+72
*Elevation Change (between exist. ground and final grade) 0' - 0.95'

*** Right Natural Ground
(FT. NAVD88)

Ryan Ave
Elev. 1.81' - 4.28'
Loeb Ave
Elev. 2.11' - 2.79'
Bucher Dr
Elev. 2.08' - 4.48'
King Ave
Elev. 1.33' - 2.47'
Lance Ln
Elev. 1.61' - 7.95'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

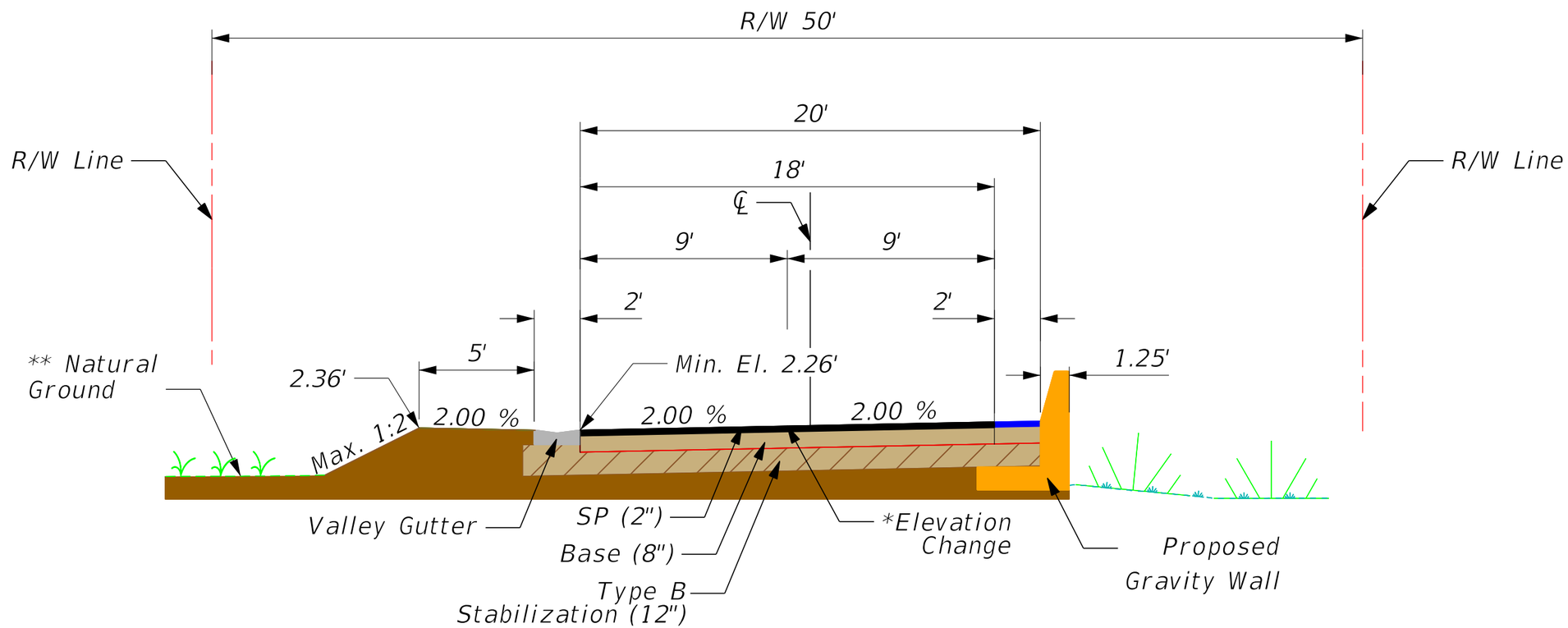
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4 TYPICAL SECTION

SHEET NO. 3

Conceptual Plans not to be used for construction.

Valley Gutter Alternative
Design for NOAA Intermediate-High
2045 SLR Projections



Typical Section 2

** Left Natural Ground
(FT. NAVD88)

Taylor Dr
Elev. 0.84' - 4.61'

Taylor Dr
Sta. 700+11 to 707+74

*Elevation Change (between exist. ground and final grade) 0' - 1.11'

*** Right Natural Ground
(FT. NAVD88)

Taylor Dr
Elev. -0.80' - 5.22'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

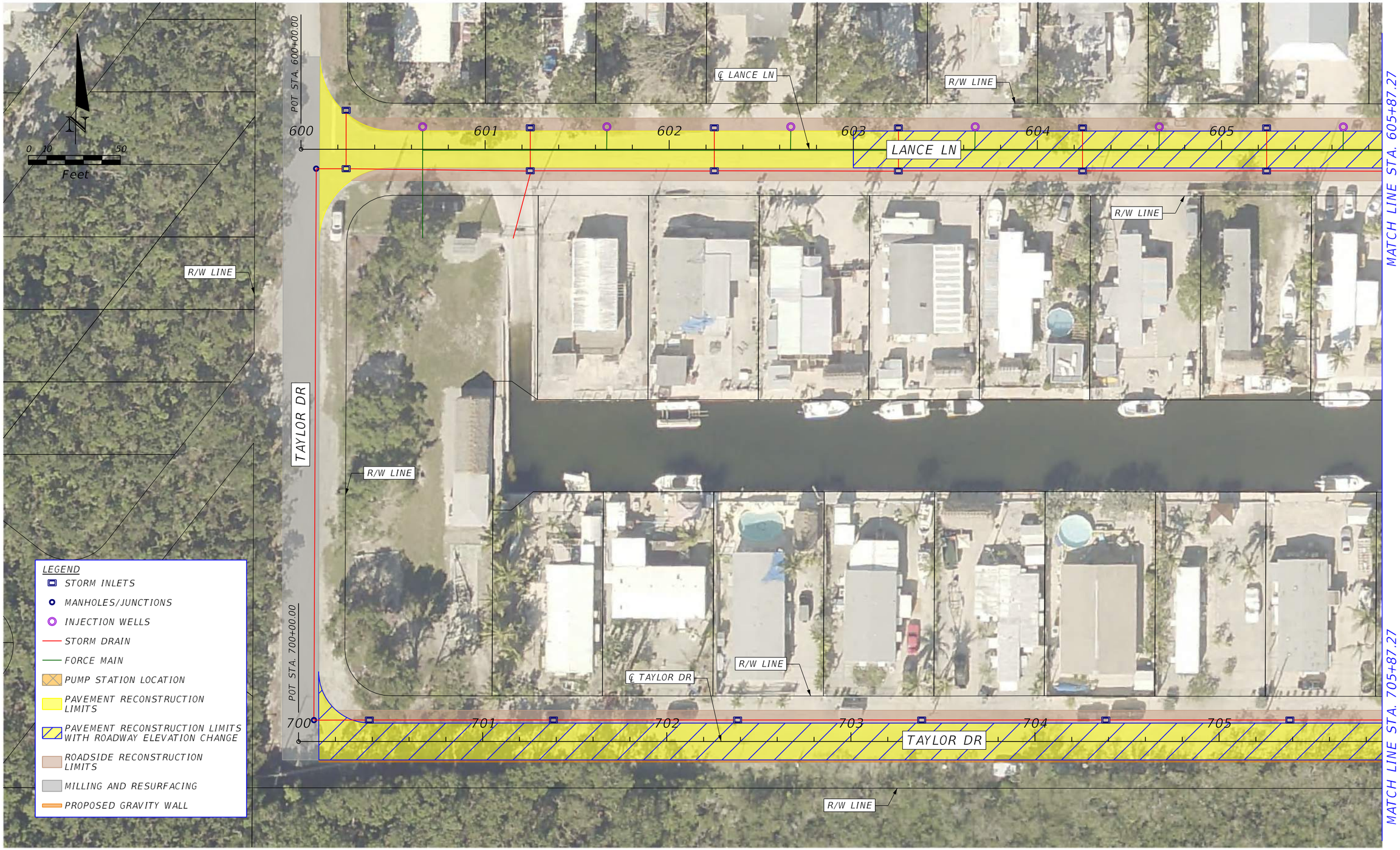
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4 TYPICAL SECTION

SHEET NO. 3A

Conceptual Plans not to be used for construction.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

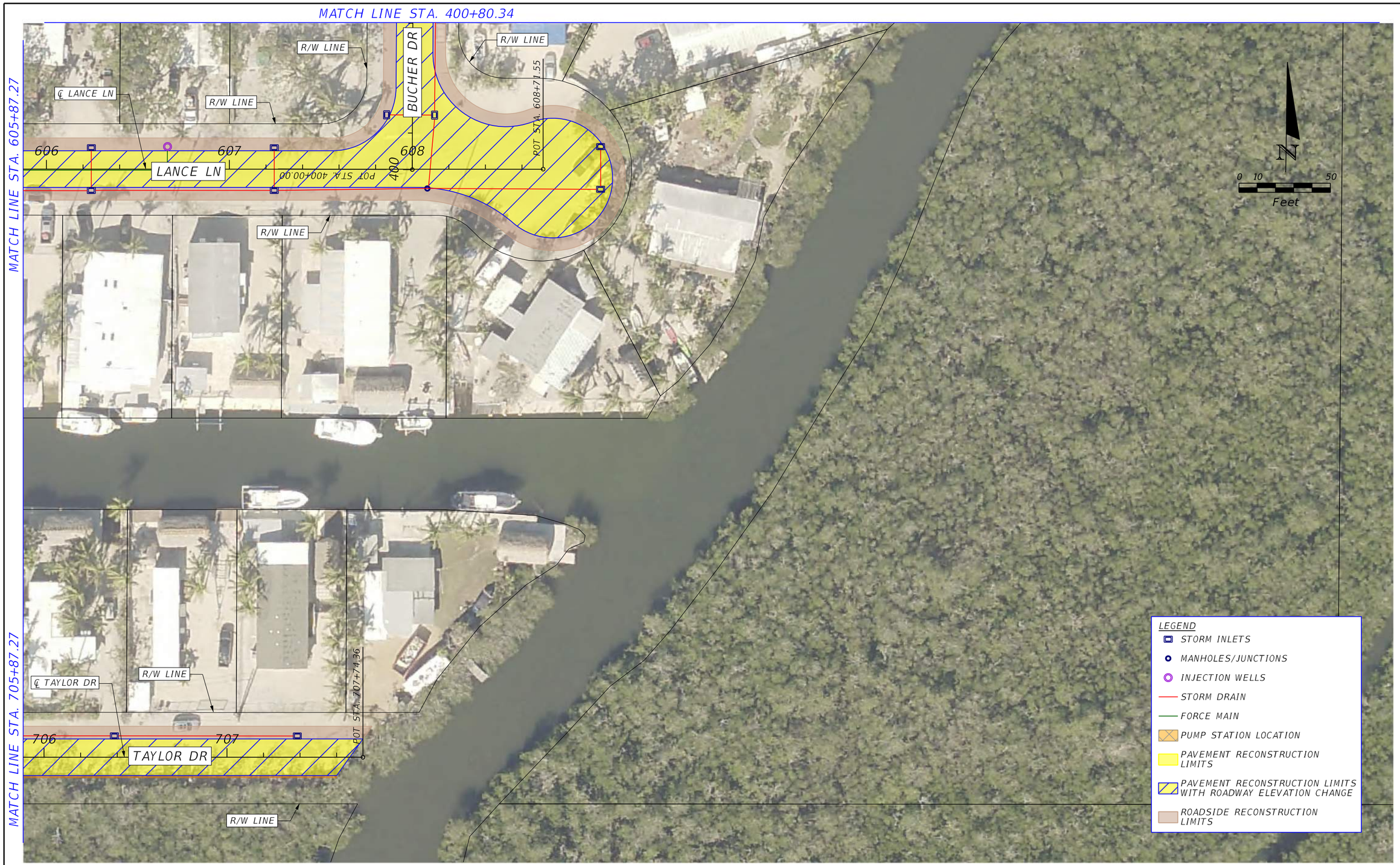
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4

SHEET NO. 4

Conceptual Plans not to be used for construction.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

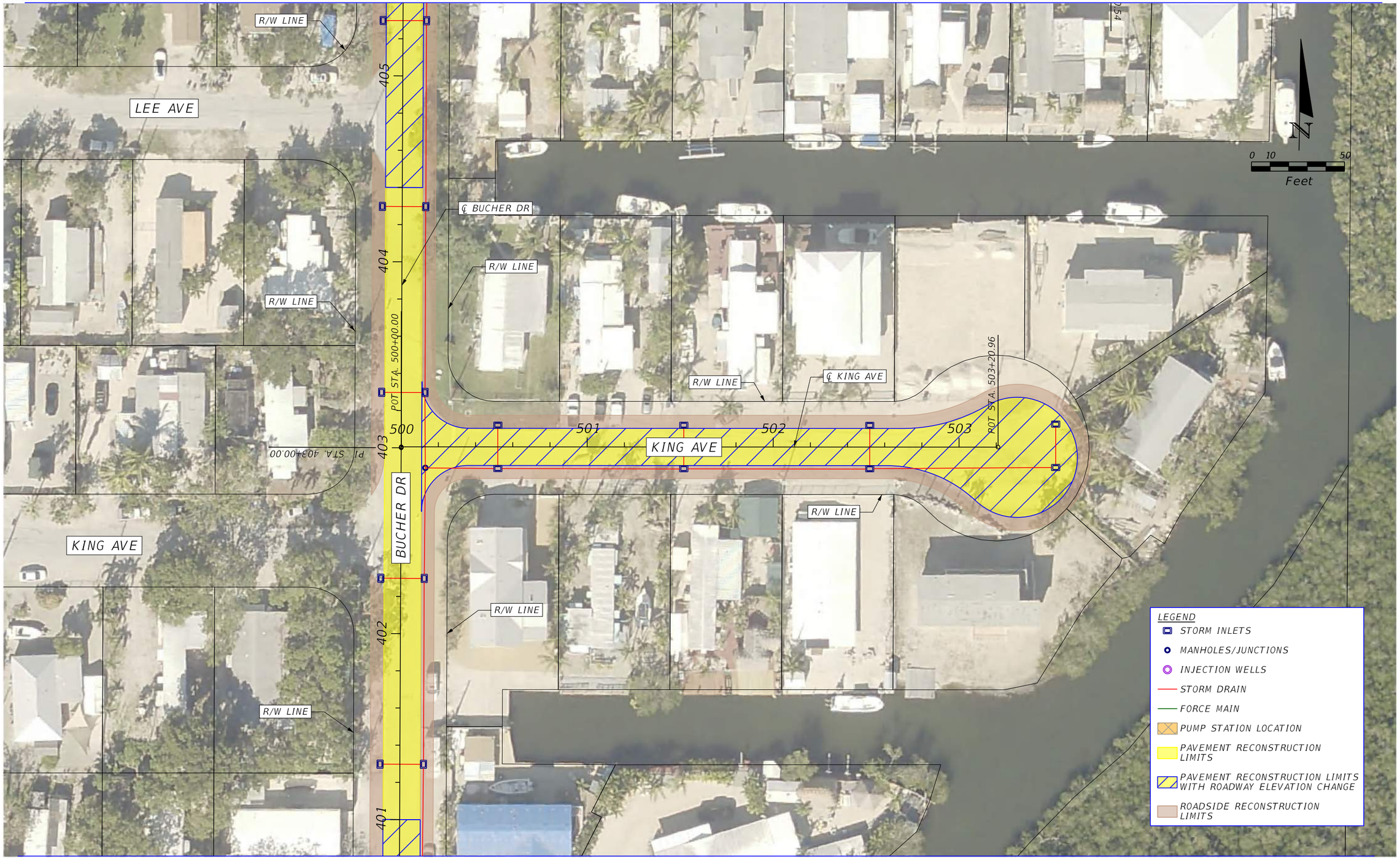
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4

SHEET NO. 5

Conceptual Plans not to be used for construction.

MATCH LINE STA. 405+39.35



MATCH LINE STA. 400+80.34

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

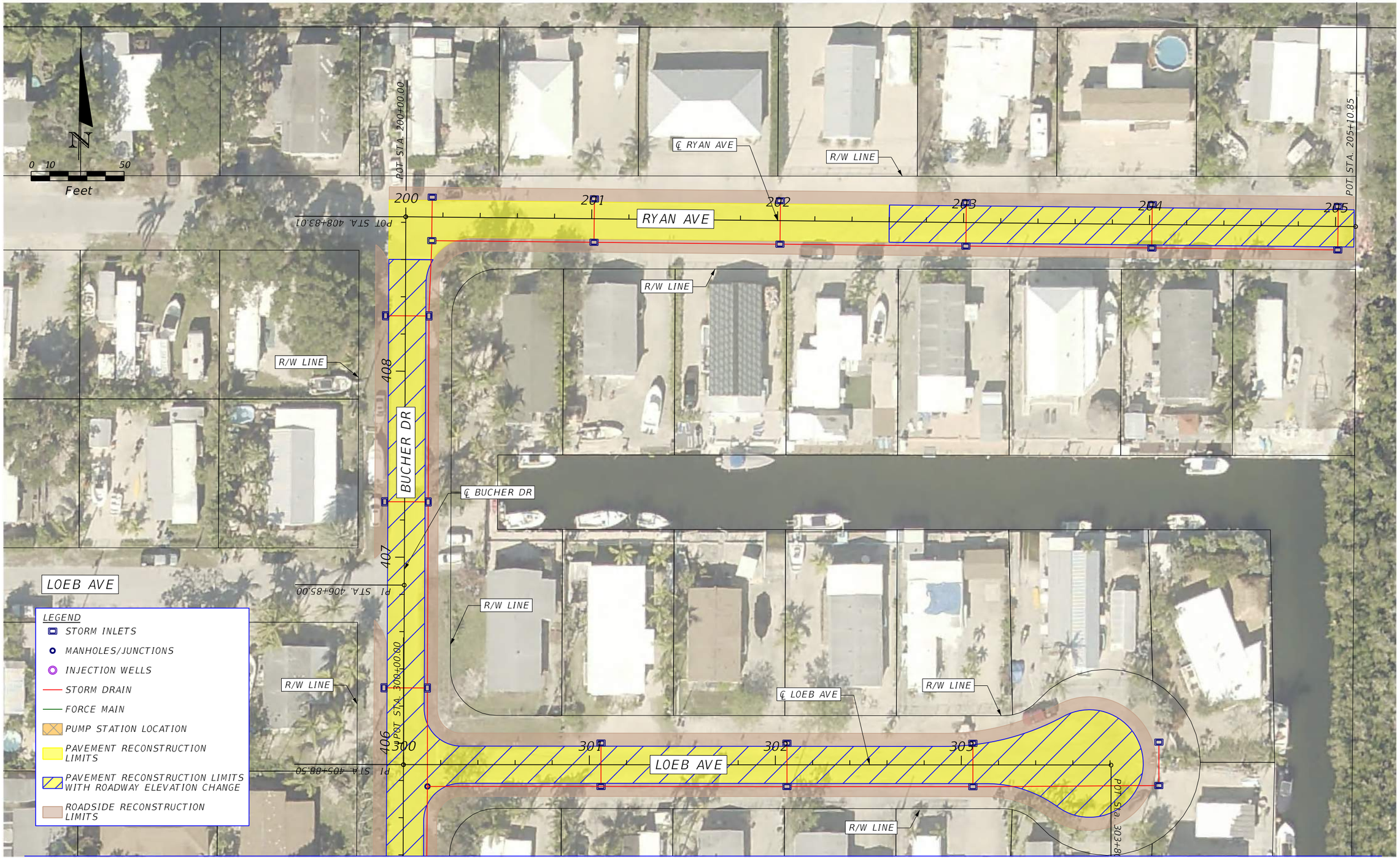
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4

SHEET NO. 6

Conceptual Plans not to be used for construction.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Conceptual Plans not to be used for construction.

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

KEY LARGO MOBILE HOMESITES PLATS NO. 2 AND NO. 4

SHEET NO. 7