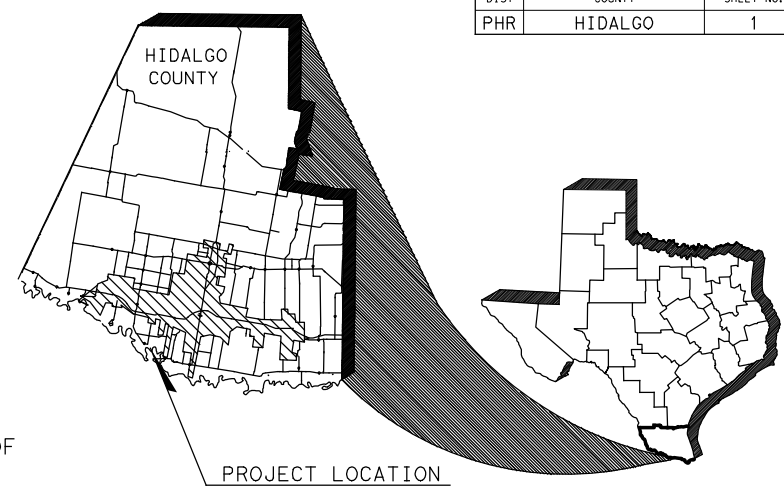


SHEET NO.	DESCRIPTION
1	<b>GENERAL</b>
2	TITLE SHEET
3	PROJECT LAYOUT
4	PROPOSED TYPICAL SECTION
5	GENERAL NOTES
6	ESTIMATE & QUANTITY SHEET
7	SURVEY CONTROL MAP
8	SURVEY BENCHMARK
8	<b>MITIGATION PLANS</b>
9	SITE PLAN
10	BORING LAYOUT
11 - 16	GRADING LAYOUT
17	HORIZONTAL ALIGNMENT DATA
18 - 19	ACCESS ROAD PLAN AND PROFILE
20 - 21	CROSS SECTIONS
22	<b>DRAINAGE</b>
23	DRAINAGE AREA MAP
24	DRAINAGE LATERALS
24	<b>DRAINAGE STANDARDS</b>
25	PB
26	PDD
27	PAZD
27 - 28	<b>ELECTRICAL</b>
29	LEGENDS AND ABBREVIATIONS
30	ELECTRICAL LINE DIAGRAM AND DETAILS
31	ELECTRICAL WELL PUMP SITE PLAN
32 - 34	<b>MISCELLANEOUS</b>
35	WELL SITE DETAILS
35	<b>SOILS</b>
36 - 38	SOIL MANAGEMENT PLAN
36 - 38	<b>SW3P</b>
39	SW3P SHEETS
39	<b>SW3P STANDARDS</b>
40	EC(1)-16
41	EC(2)-16
42	EC(3)-16
42	EC(5)-16

# HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

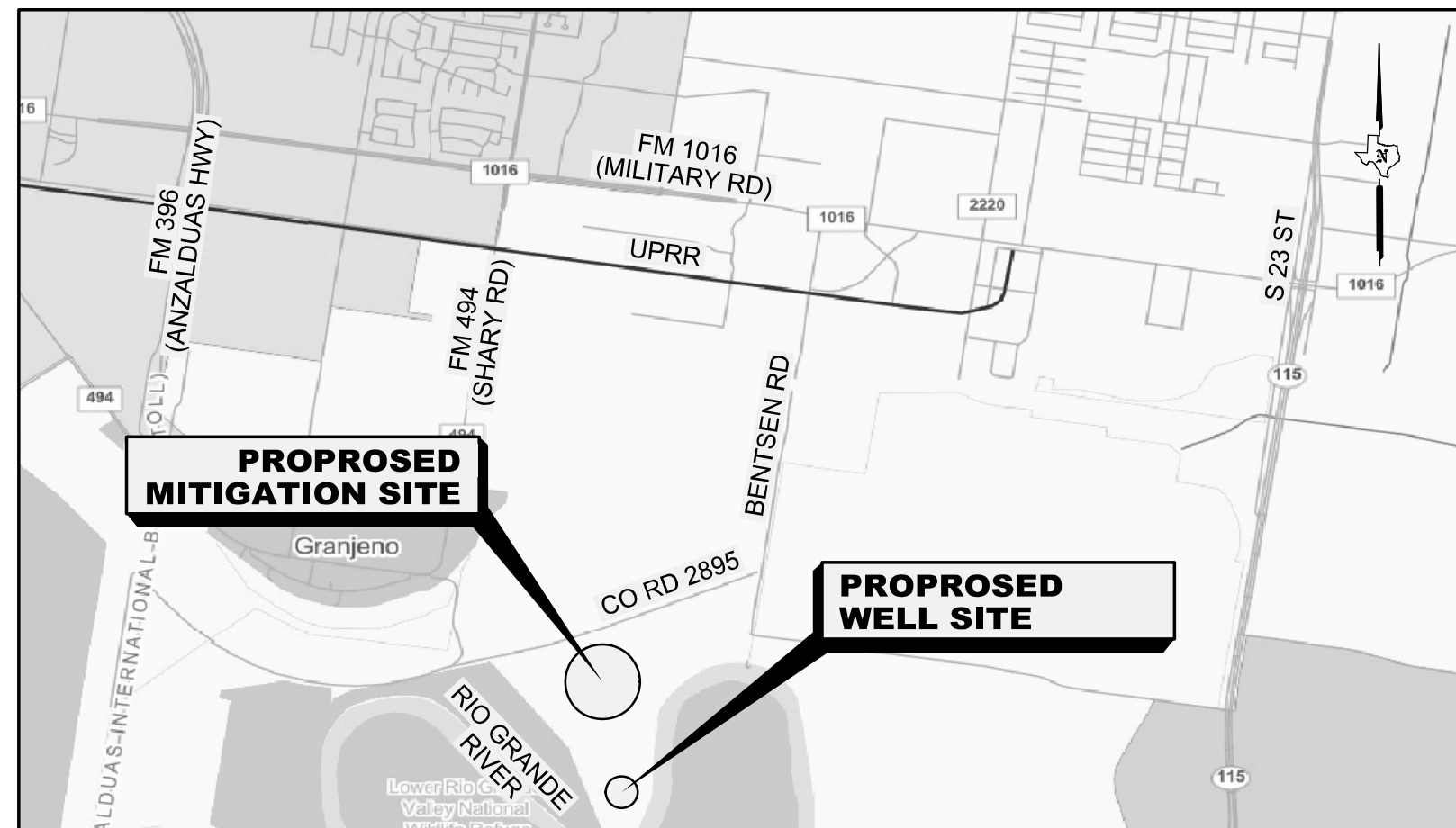
## PLANS OF PROPOSED WETLAND MITIGATION SITE

DIST	COUNTY	SHEET NO.
PHR	HIDALGO	1



### CONSTRUCTION OF

A WETLAND MITIGATION SITE CONSISTING OF 26.51 ACRES OF LAND INCLUDING 23.89 ACRES PLANNED SPECIFICALLY OF WETLAND RESTORATION. IMPROVEMENTS INCLUDE DE-COMPACTION OF SOILS, REGRADING, DRAINAGE STRUCTURES, IRRIGATION STRUCTURES, CULVERT STRUCTURES, AND INSTALLATION OF SPECIFIED VEGETATION.



FINAL PLAN DATA :

FINAL CONTRACT PRICE: \_\_\_\_\_  
 CONTRACTORS NAME: \_\_\_\_\_  
 CONTRACTORS ADDRESS: \_\_\_\_\_  
 LETTING DATE: \_\_\_\_\_  
 DATE WORK BEGAN: \_\_\_\_\_  
 DATE WORK COMPLETED: \_\_\_\_\_  
 DATE OF ACCEPTANCE: \_\_\_\_\_  
 CHANGE ORDERS & SUPP. AGREEMENTS : \_\_\_\_\_

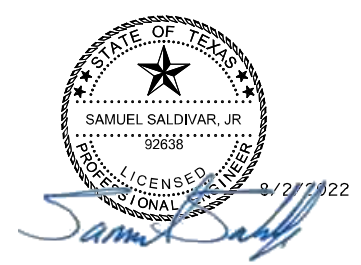
ALL CONSTRUCTION WORK WAS PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND CONTRACT. ALL PROPOSED CONSTRUCTION WAS COMPLETED UNLESS OTHERWISE NOTED.

APPROVED FOR LETTING : <input type="checkbox"/>	APPROVED FOR LETTING : <input type="checkbox"/>
<input type="text"/>	<input type="text"/>
HCRMA, CHAIRMAN	HCRMA, EXECUTIVE DIRECTOR
APPROVED FOR LETTING : <input type="checkbox"/>	APPROVED FOR LETTING : <input type="checkbox"/>
<input type="text"/>	<input type="text"/>
HCRMA, CHIEF CONSTRUCTION ENGINEER	HCRMA, CHIEF DEVELOPMENT ENGINEER
SUBMITTED FOR LETTING : <input type="checkbox"/>	
<input type="text"/>	
DANNENBAUM ENGINEERING, PROGRAM MANAGER	

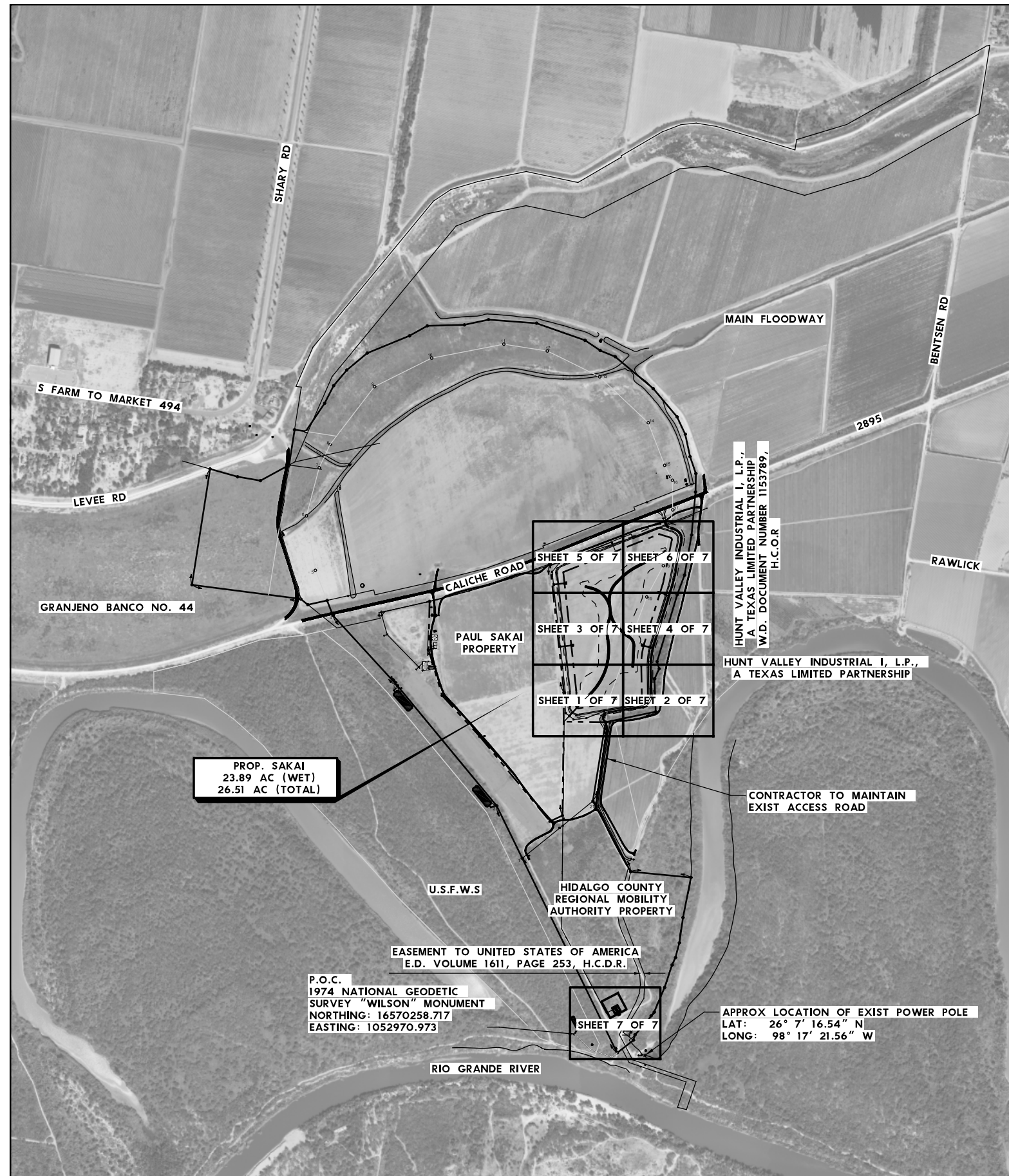
# HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

HDR  
Firm Registration No. F-754  
4828 Loop Central Drive, Suite 800  
Houston, Texas 77081-2220  
713.622.9264



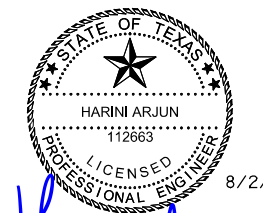




- NOTES:
1. ALL BEARING AND DISTANCES ARE BASED ON THE TEXAS SOUTH COORDINATE SYSTEM (NAD 83), TEXAS SOUTH ZONE.
  2. ALL DISTANCES AND COORDINATE SHOWN ARE SURFACE AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY A COMBINED FACTOR OF 0.999960.
  3. ELEVATION DATUM PER NAVD 88 (GEOID 2003).

BENCHMARK PROVIDED BY: MELDEN & HUNT INC.  
 115 W. MCINTYRE  
 EDINBURG, TX 78541  
 PH: (956)381-0981  
 FAX: (956)381-1839

REFERENCE:  
 PLAT SHOWING  
 TRACT 2 BEGIN 80.201 ACRES CONSISTING OF 38.746 ACRES BEING OUT OF LAS RUELAS BANCO NO. 141 AND 31.964 ACRES BEING THE ACCRETION FROM THE RIO GRANDE RIVER 9.491 ACRES OUT OF LOTS 5, 5A, 6, 16, 7, AND TRACT D AMENDED MAP OF JOHN H. SHARY SUBDIVISION VOLUME 1, PAGES 42-43, H.C.M.R. CITY OF MISSION HIDALGO COUNTY, TEXAS



*Harini Arjun*



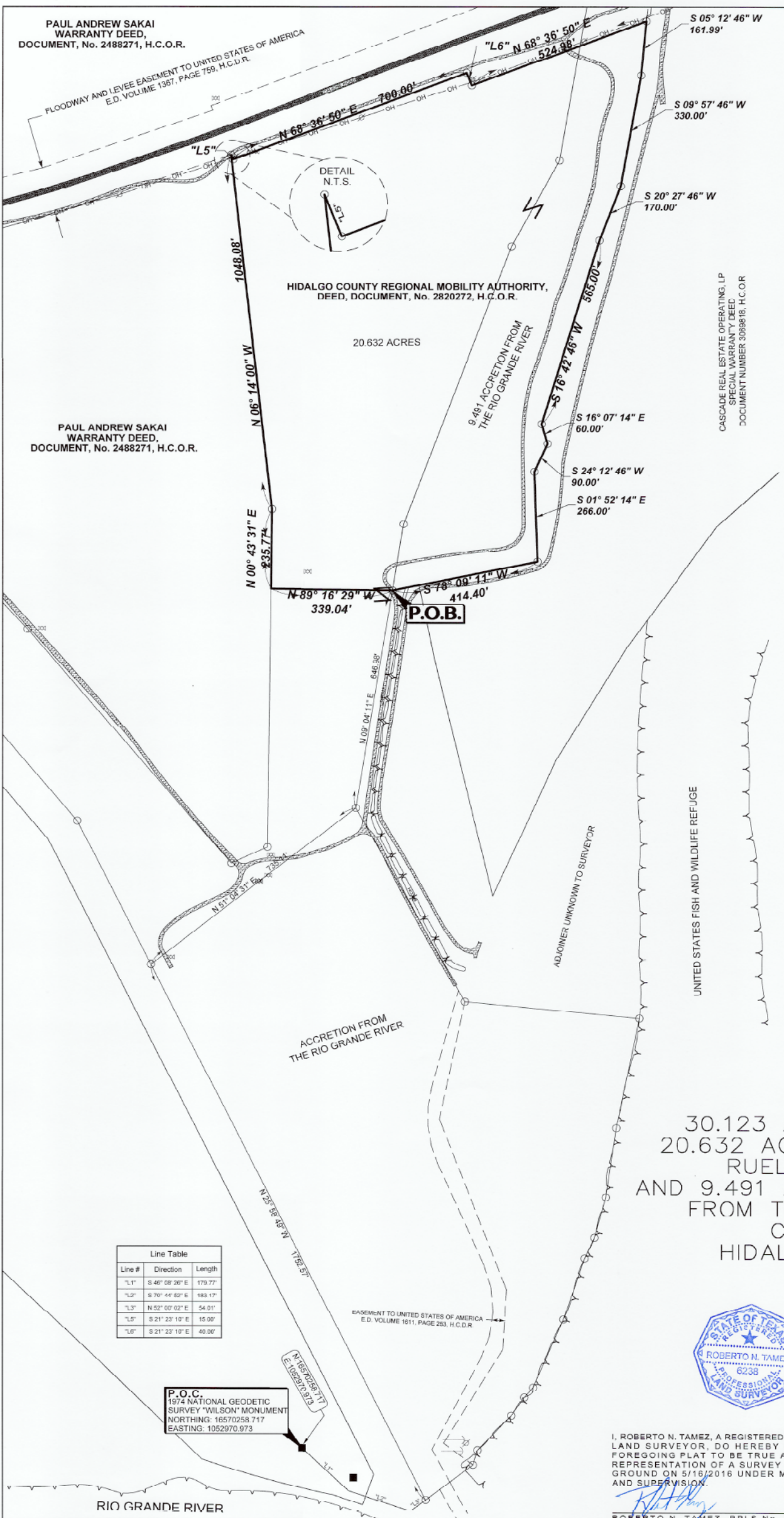
**HR** HDR  
 Firm Registration No. F-754  
 4828 Loop Central Drive, Suite 800  
 Houston, Texas 77081-2220  
 713.622.9264

HCRMA GRANJENO WETLAND MITIGATION SITE PROJECT LAYOUT

SCALE: 1"=1000'		SHEET 1 OF 1	
DW:		HIGHWAY	
CK DW:		365 TOLL	
DW:			
CK DW:		DIST	COUNTY
TR:		PHR	HILDAGO
CK TR:			SHEET NO. 2

DATE: 8/2/2022  
 FILE: 7072-S-PL0-01





PAUL ANDREW SAKAI  
WARRANTY DEED,  
DOCUMENT, No. 2488271, H.C.O.R.  
FLOODWAY AND LEVEE EASEMENT TO UNITED STATES OF AMERICA  
E.D. VOLUME 1367, PAGE 759, H.C.D.R.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY,  
DEED, DOCUMENT, No. 2820272, H.C.O.R.  
20.632 ACRES

PAUL ANDREW SAKAI  
WARRANTY DEED,  
DOCUMENT, No. 2488271, H.C.O.R.

CASCADE REAL ESTATE OPERATING, LP  
SPECIAL WARRANTY DEED  
DOCUMENT NUMBER 3099818, H.C.O.R.



- NOTES:**
1. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL & SIGNATURE OF SURVEYOR.
  2. SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT WHICH MAY SHOW ADDITIONAL EASEMENTS AFFECTING THIS TRACT. THE SURVEYOR IS ADVISING THE RECIPIENT OF THIS PLAT THAT ADDITIONAL EASEMENTS MAY AFFECT THIS TRACT.
  3. ALL BEARING AND DISTANCES ARE BASED ON THE TEXAS SOUTH COORDINATE SYSTEM (NAD 83), TEXAS SOUTH ZONE.
  4. ALL DISTANCES AND COORDINATE SHOWN ARE SURFACE AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY A COMBINED FACTOR OF 0.999980
  5. ELEVATION DATUM PER NAVD 88 (GEOID 2003)

**FLOOD ZONE**  
ZONE "A"  
AREA OF 100-YEAR FLOOD; BASE FLOOD ELEVATIONS AND FLOOD HAZARD FACTORS NOT DETERMINED.  
COMMUNITY-PANEL NUMBER: 480334 0475 C  
MAP REVISED: JANUARY 2, 1981

- LEGEND**
- SET No 4 REBAR WITH PLASTIC CAP STAMPED MELDEN & HUNT
  - FOUND CONCRETE MONUMENT
  - ⊙ POWER POLE
  - ⊙ SERVICE POLE
  - ⊙ POWER POLE WITH LIGHT
  - ⊙ IRRIGATION VALVE
  - ⊙ PORTABLE TOWER LEG
  - X — CHAIN LINK FENCE
  - OH — OH — OVERHEAD POWER LINE
  - — CANAL/DITCH LINE
  - — RIO GRANDE RIVER
  - — CONCRETE AREA
  - — CALICHE DRIVEWAY
  - — DIRT DRIVEWAY
- H.C.D.R. - HIDALGO COUNTY DEED RECORDS  
H.C.O.R. - HIDALGO COUNTY OFFICIAL RECORDS  
S.W. COR. - SOUTHWEST CORNER  
P.O.B. - POINT OF BEGINNING  
P.O.C. - POINT OF COMMENCING  
N.T.S. - NOT TO SCALE  
W.D. - WARRANTY DEED  
A.D. - ASSIGNMENT DEED  
E.D. - EASEMENT DEED  
N - SAME OWNER

PLAT SHOWING  
30.123 ACRES CONSISTING OF:  
20.632 ACRES BEING OUT OF LAS  
RUELAS BANCO NO. 141  
AND 9.491 ACRES OUT OF ACCRETION  
FROM THE RIO GRANDE RIVER  
CITY OF MISSION,  
HIDALGO COUNTY, TEXAS

**Line Table**

Line #	Direction	Length
"L1"	S 46° 08' 20" E	179.77'
"L2"	S 70° 44' 52" E	183.17'
"L3"	N 52° 00' 02" E	54.01'
"L5"	S 21° 23' 10" E	15.00'
"L6"	S 21° 23' 10" E	40.00'



I, ROBERTO N. TAMEZ, A REGISTERED PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THE FOREGOING PLAT TO BE TRUE AND CORRECT REPRESENTATION OF A SURVEY MADE ON THE GROUND ON 5/16/2021 UNDER MY DIRECTION AND SUPERVISION.  
ROBERTO N. TAMEZ, RPLS No. 6238 DATE: 10/07/2021

PAGE: 3 OF 3

**MELDEN & HUNT INC.**  
CONSULTANTS • ENGINEERS • SURVEYORS  
227 N. F.M. 3167  
RIO GRANDE CITY, TX 78862  
PH: (956) 487-8256  
FAX: (956) 488-8591

115 W. McINTYRE  
EDINBURG, TX 78541  
PH: (956) 381-0981  
FAX: (956) 381-1839  
ESTABLISHED 1947  
www.meldenandhunt.com

REVISED DATE: 10/07/2021  
DATE: 10/06/2021  
JOB No. 21902  
FILE NAME: 21902  
REFERENCE: JOB No. 19538-UB  
DRAWN BY: V.D.

© COPYRIGHT 2021 MELDEN & HUNT, INC. ALL RIGHTS RESERVED



DATE: 8/2/2022 10:10:28 AM  
FILE: ... \6\_2\_WIP\04\_Sheet\1072-S-SUR-01

**HCRMA**  
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

CONT	SECT	JOB	HIGHWAY
0921	02	368	365 TOLL
DIST	COUNTY		SHEET NO.
PHR	HIDALGO		6

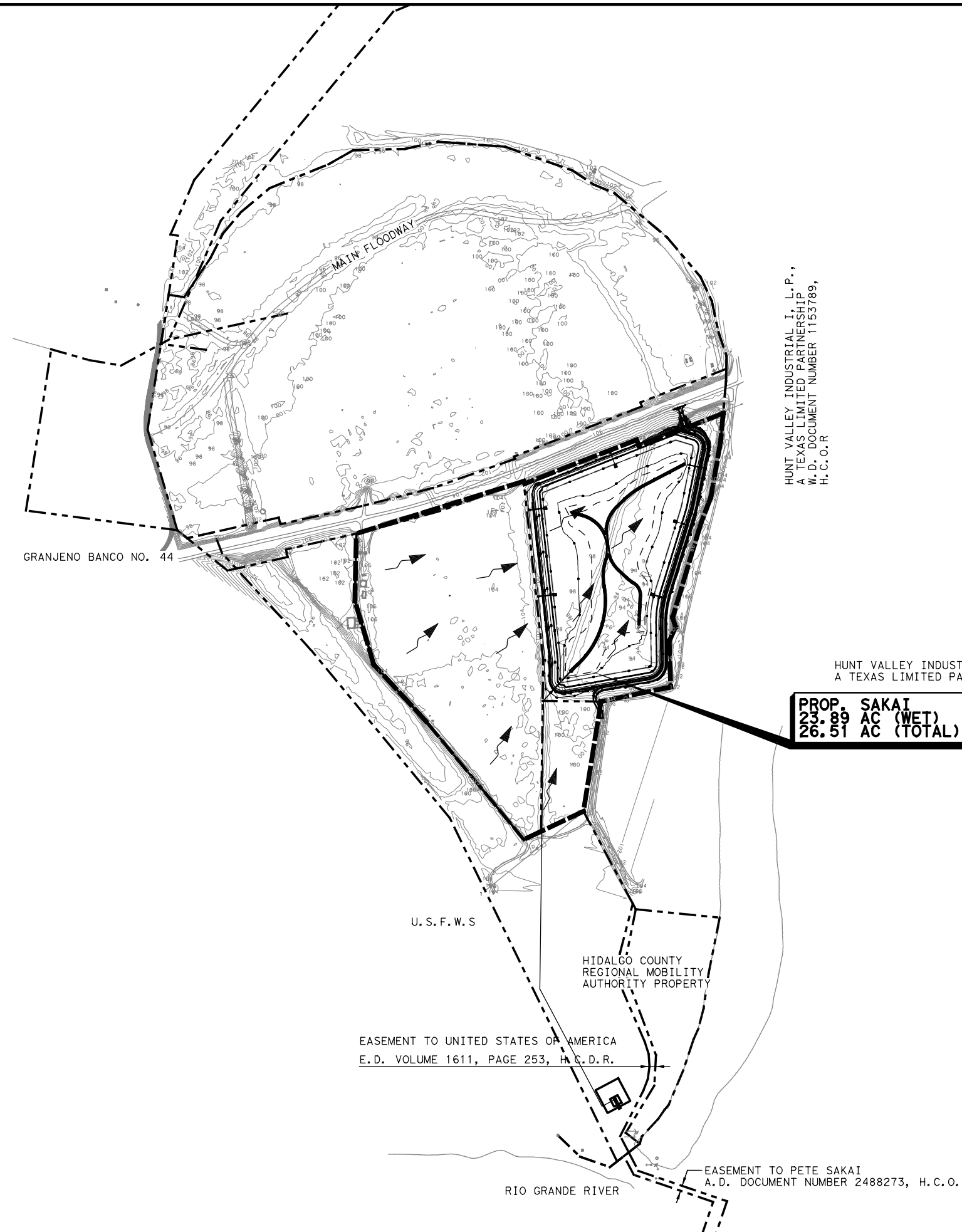


**LEGEND:**

-  DRAINAGE BOUNDARY
-  DIRECTION OF FLOW

**NOTES:**

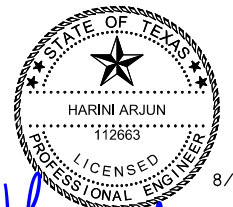
1. SITE VOLUME IS 25.98 AC-FT.



HUNT VALLEY INDUSTRIAL I, L.P.,  
A TEXAS LIMITED PARTNERSHIP  
W.D. DOCUMENT NUMBER 1153789,  
H.C.O.R.

HUNT VALLEY INDUSTRIAL I, L.P.,  
A TEXAS LIMITED PARTNERSHIP

**PROP. SAKAI**  
**23.89 AC (WET)**  
**26.51 AC (TOTAL)**



*Harini Arjun*  
8/2/2022



**HDR** HDR  
Firm Registration No. F-754  
4828 Loop Central Drive, Suite 800  
Houston, Texas 77081-2220  
713.622.9264

**HCRMA GRANJENO  
WETLAND MITIGATION SITE  
DRAINAGE AREA MAP**

SCALE:  
HOR: 1" = 700'

SHEET 1 OF 1

DN:			HIGHWAY
CK DN:			365 TOLL
DW:			
CK DW:	DIST	COUNTY	SHEET NO.
TR:	PHR	HILDAGO	22
CK TR:			