

**LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY
CHALMETTE AREA PLAN, CHALMETTE EXTENSION
HURRICANE PROTECTION LEVEE
FIRST ENLARGEMENT**

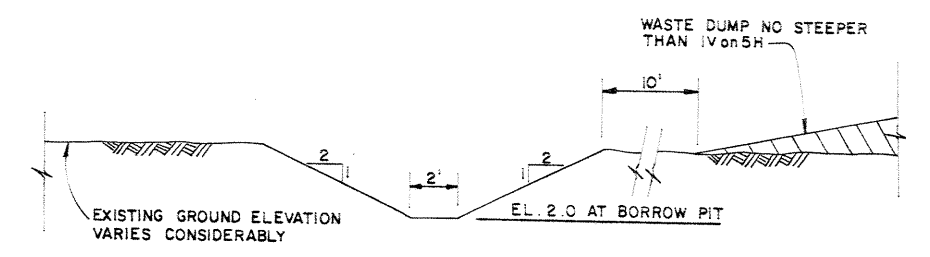
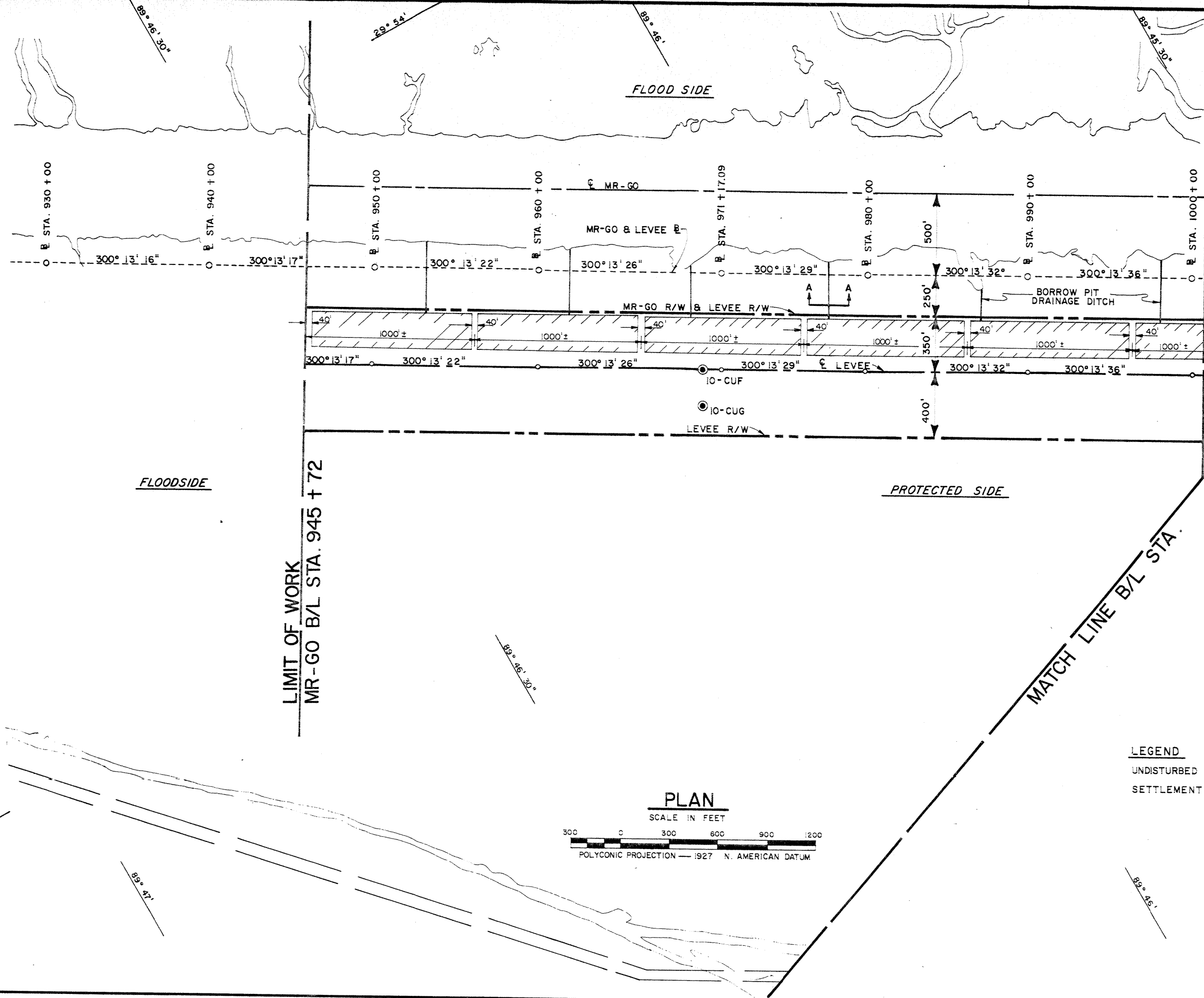
INDEX TO DRAWINGS	
DWG.	DESCRIPTION
1	LOCATIONS MAP, VICINITY MAP, AND INDEX TO DWGS.
2	PLAN AND PROFILE
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5	TYPICAL SECTIONS
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9	HYDROGRAPHS
10	SOIL BORING LEGEND
11	SOIL BORINGS

YOUR KEY TO HIGHER PROFITS

SAFETY IS A PART OF YOUR CONTRACT

REVISION	DATE	DESCRIPTION	BY
U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LA.			
SUBMITTED		LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY CHALMETTE AREA PLAN, CHALMETTE EXTENSION HURRICANE PROTECTION LEVEE FIRST ENLARGEMENT MRGO B/L STA. 945 + 72 TO LEVEE B/L STA. 1113 + 00 ST. BERNARD PARISH, LA.	
APPROVED		LOCATION MAP, VICINITY MAP AND INDEX TO DRAWINGS	
DESIGNED		SCALE	FILE NO.
R.W.W.	L.A.H.	R.P.L.	NOV. 1982
SUBMITTED		SPEC. NO.	DWG. OF
		DACW29-83-B-0011	H-8-29477

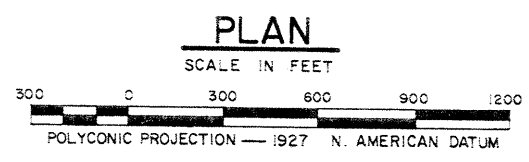
**NOTE:
DRAWING REDUCED
TO ONE HALF SCALE**



- NOTES:
1. SLOPE DITCH 0.2% FROM BORROW PIT TO MR-GO
 2. EXCAVATED MATERIAL MAY BE PILED ON EITHER OR BOTH SIDES OF THE DITCH.
 3. THIS SECTION APPLICABLE TO REACH PARALLELING THE MR-GO.

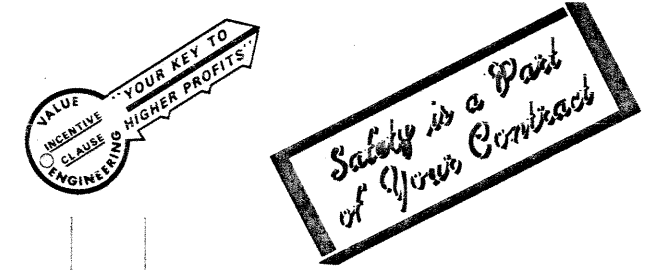
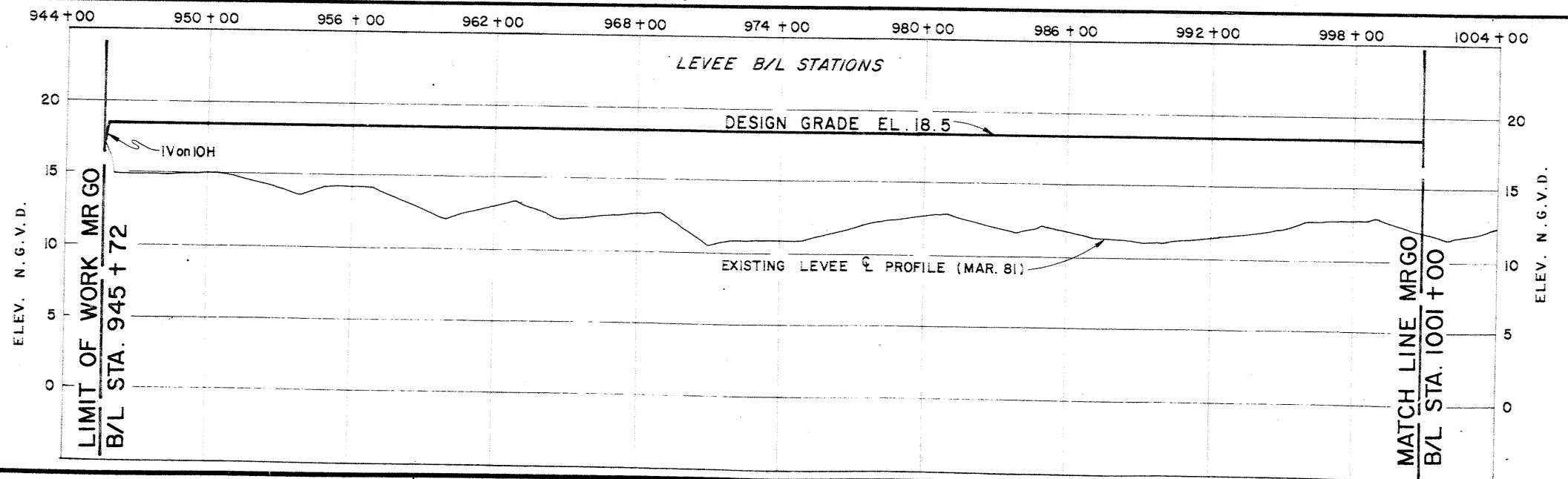
- GENERAL NOTES:
1. ALL ELEVATIONS SHOWN ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.).
 2. AZIMUTHS SHOWN ARE MEASURED IN A CLOCKWISE DIRECTION FROM THE SOUTH.
 3. SEE DWG 4 FOR "BENCH MARK" DESCRIPTION.
 4. FORESHORE EROSION ALONG THE MR-GO HAS BEEN EXTENSIVE AND THE BANK LINES SHOWN ON DRAWINGS 2 AND 3 ARE NOT CURRENT.
 5. THE 40-FOOT ACCESS STRIPS THAT TRAVERSE THE BORROW AREA ARE TO BE FIELD LOCATED BY THE CONTRACTING OFFICER (CO).
 6. DITCHES FROM THE BORROW AREA TO THE MR-GO ON DWGS 2 AND 3 ARE TO BE FIELD LOCATED BY THE CO.
 7. BORROW EXCAVATION SHALL START AT THE BACK SIDE OF THE BORROW AREA AND SHALL BE EXCAVATED IN SUCH A MANNER THAT NO AREA OF BORROW WILL BE BYPASSED OR ISOLATED. AFTER CONSTRUCTION IS COMPLETE, THE REMAINING BORROW WILL BE LEFT IN A UNIFORM ALIGNMENT THAT WILL BE EASILY ACCESSIBLE FOR FUTURE WORK. THE CONTRACTOR'S PLAN AND SEQUENCE OF BORROW EXCAVATION SHALL BE SUBMITTED TO THE CO FOR APPROVAL PRIOR TO ANY EXCAVATION.
 8. FOR LIMITS OF AVAILABLE BORROW SEE DRAWINGS 5 AND 6.
 9. SETTLEMENT PLATE DETAILS ARE ON DRAWING 7.
 10. LEVEE C/L STATIONING IS THE SAME AS THE MR-GO B/L STATIONING FROM STA. 945+72 TO 1005+49.18, AND THE SAME AS LEVEE B/L STATIONING FROM STA. 1004+62.21 TO 1113+00.

LEGEND
 UNDISTURBED SOIL BORINGS (C)
 SETTLEMENT PLATE (X)

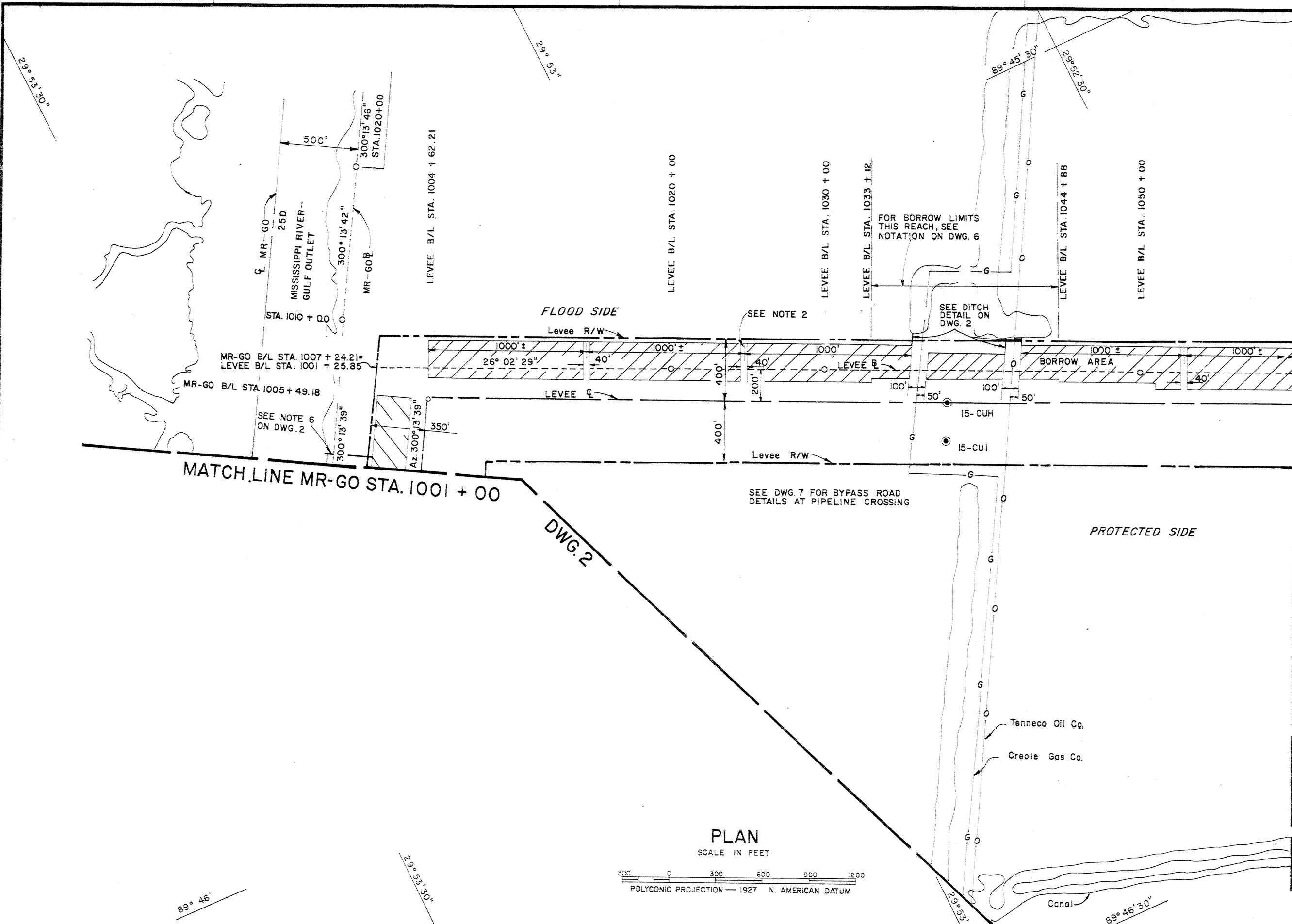


LIMIT OF WORK
 MR-GO B/L STA. 945 + 72

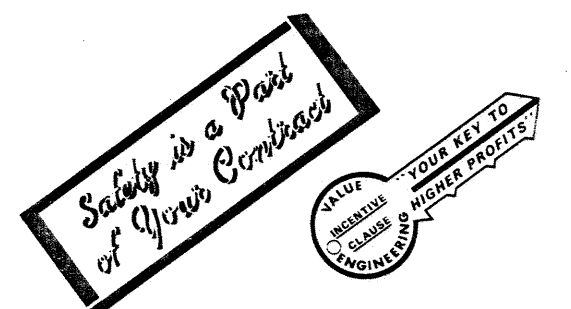
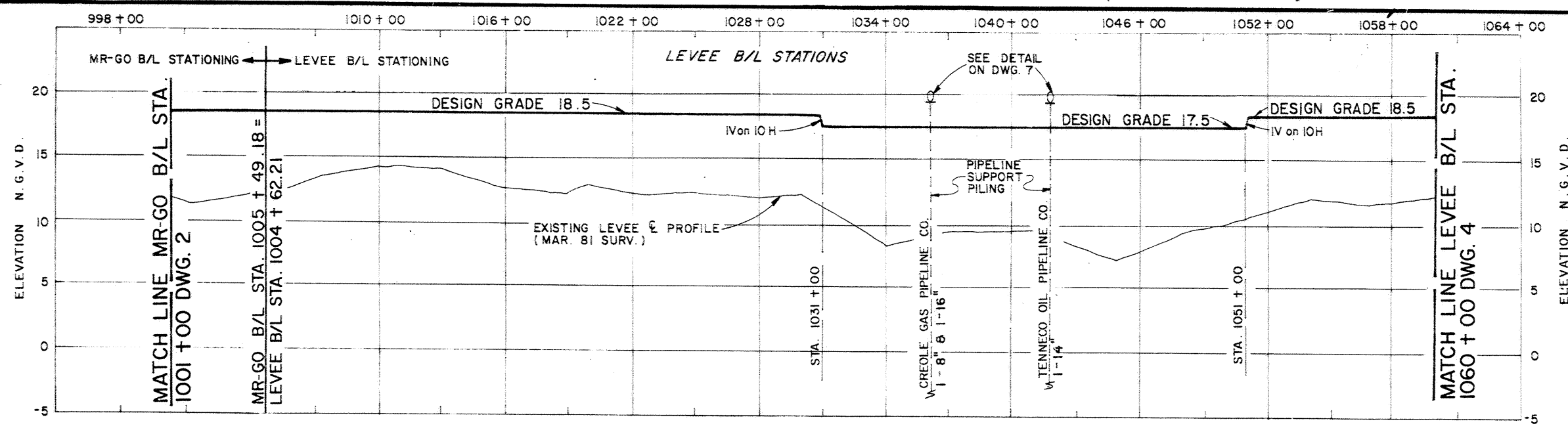
MATCH LINE B/L STA.
 1001 + 00 DWG. 3



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U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LA.			
LAKE PONCHARTRAIN, LOUISIANA AND VICINITY CHALMETTE AREA PLAN CHALMETTE EXTENSION HURRICANE PROTECTION LEVEE FIRST ENLARGEMENT MR-GO B/L STA. 945 + 72 TO LEVEE B/L STA. 1113 + 00 ST BERNARD PARISH, LA.			
PLAN AND PROFILE MR-GO B/L STA. 945 + 72 TO STA. 1001 + 00			
DESIGNED:	DRAWN:	CHECKED:	DATE:
R.W.W.	L.A.H.	R.P.L.	NOV. 1982
SCALE:		FILE NO.	
AS SHOWN		H-8-29477	
SPEC. NO.		DWG	
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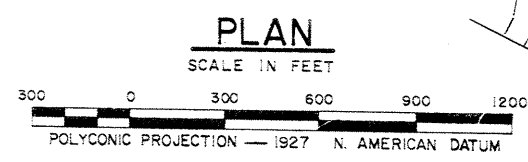
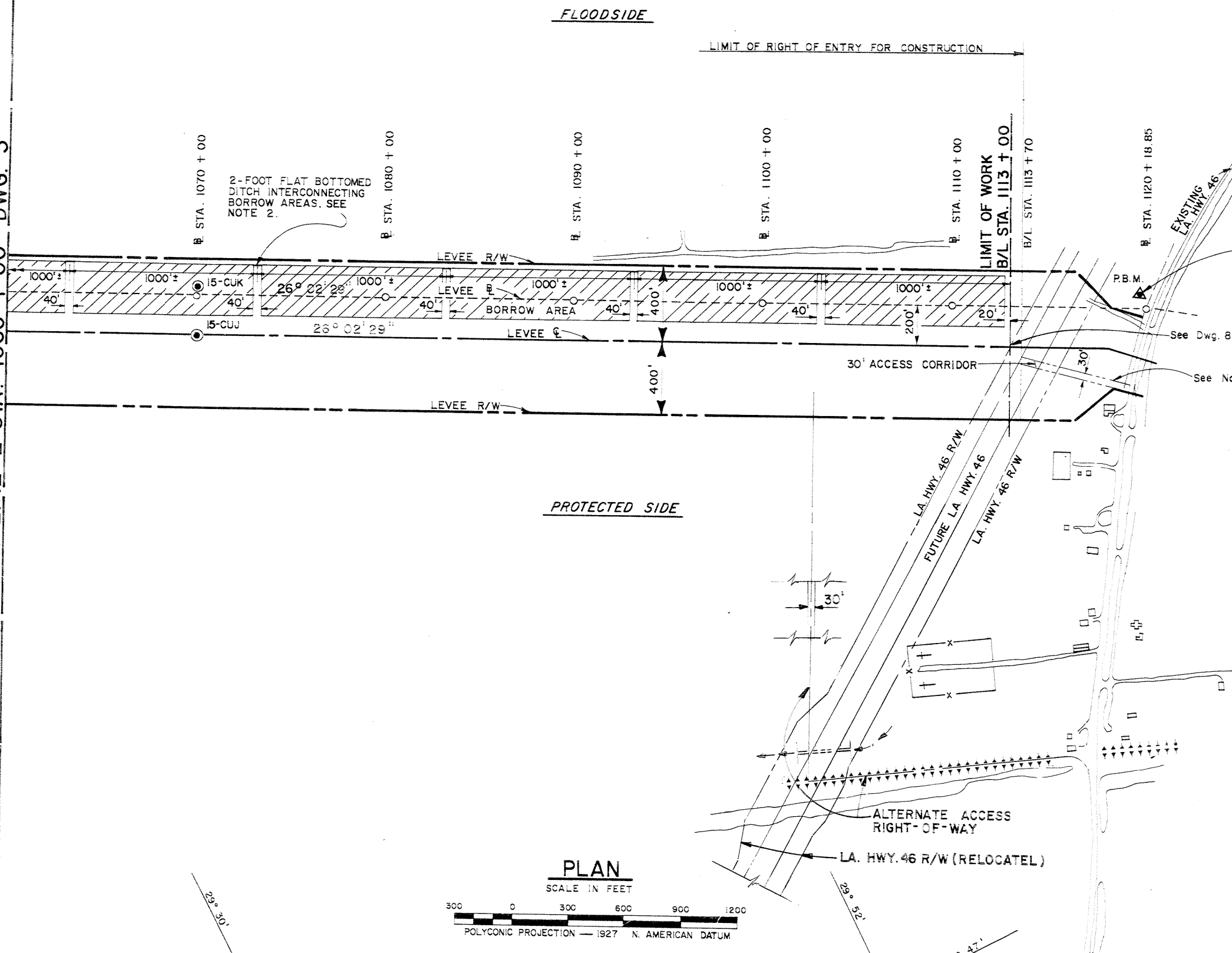


- NOTES:
1. For General Notes And Legend See Dwg. 2.
 2. The Back Side Of The 1000'± Borrow Area Are To Be Interconnected With A 2-Foot Flat Bottomed Ditch With Bottom Elevation 2.0 Feet And Side Slopes Of 1V on 2H. The Borrow Areas Will Be Interconnected With The Pipeline Canal Excavation In The Vicinity Of Levee B/L Sta. 1042+50, Sta. 1041+50 And Sta. 1035+50, Location To Be Field Determined By CO.
 3. See SP-20 Of The Specifications For Work Accomplished Around Utilities. See Dwg 7 For Pipeline Crossing Details.

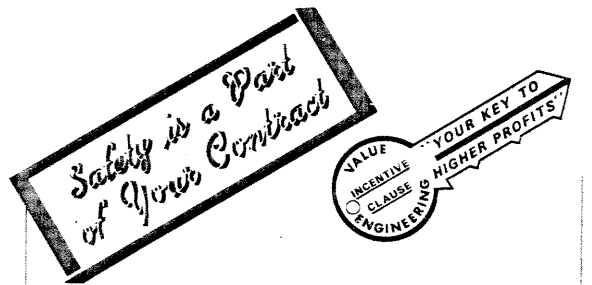
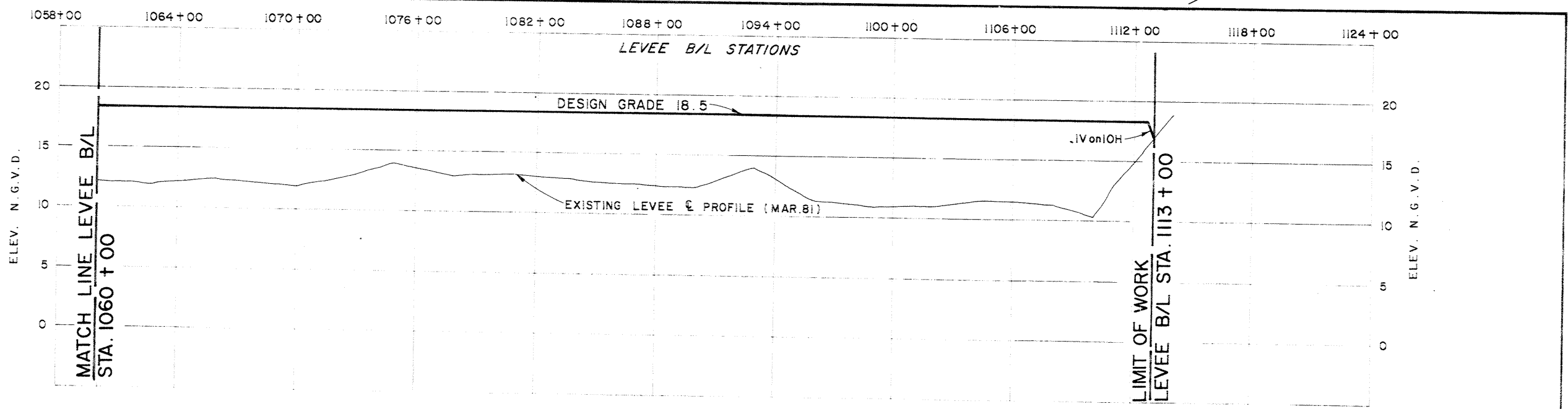


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PLAN AND PROFILE MR-GO B/L STA. 1001+00 TO LEVEE B/L STA. 1060+00			
DESIGNED:	DRAWN:	CHECKED:	DATE:
R.W.W.	V.W.	R.P.L.	NOV. 1982
SCALE:		FILE NO.:	
AS SHOWN		H-8-29477	
SPEC. NO.:		DWG. 3 OF 11	
DACW29-83-B-0011			

MATCH LINE @ STA. 1060 + 00 DWG. 3

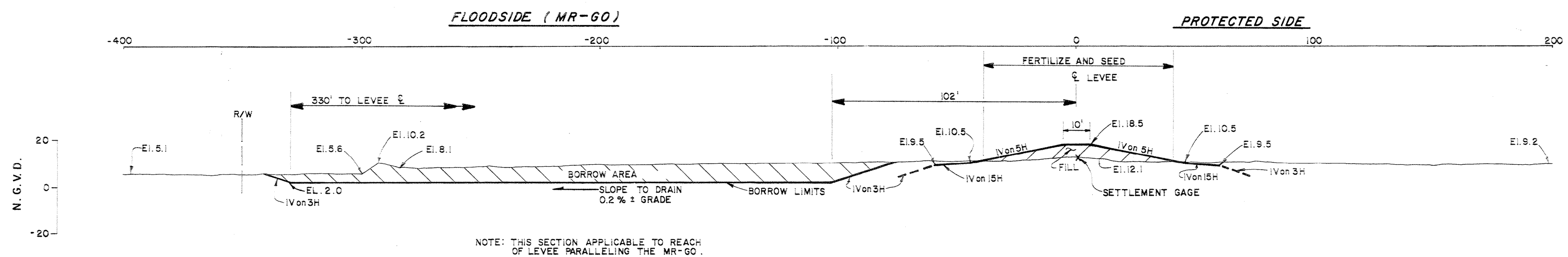


- NOTES:
- FOR GENERAL NOTES AND LEGEND SEE DWG. 2.
 - THE BACK SIDE OF THE 1000' SURROUND AREAS ARE TO BE INTERCONNECTED WITH A 2-FOOT FLAT BOTTOMED DITCH WITH BOTTOM ELEVATION 2.0 FEET AND SIDE SLOPES OF 1V ON 2H. THE BORROW AREAS WILL BE INTERCONNECTED WITH THE PIPELINE CANAL EXCAVATION IN THE VICINITY OF LEVEE B/L STA. 1062+50, LOCATION TO BE FIELD DETERMINED BY CD.
 - THE 30-FOOT ACCESS CORRIDOR IS AVAILABLE FOR THIS CONTRACT UNDER THE FOLLOWING CONDITIONS:
 - PLANNING AND CONSTRUCTION OF THE ACCESS CORRIDOR ROAD BY THE CONTRACTOR MUST BE APPROVED AND COORDINATED BY THE CONTRACTING OFFICER TO ASSURE THAT THERE IS NO INTERFERENCE WITH ONGOING CONSTRUCTION CONTRACTS. IN CASE OF CONFLICT, THE ONGOING CONTRACT REQUIREMENTS HAVE PRIORITY OVER THE REQUIREMENTS OF THIS CONTRACT.
 - OBTAINING THE PERMIT FROM THE HWY DEPT TO CONSTRUCT THE SIDE ENTRANCE FROM THE EXISTING LA. HWY 46 AND CONSTRUCTION OF THE ENTRANCE AND ACCESS CORRIDOR ROAD IS THE RESPONSIBILITY OF THE CONTRACTOR AND AT NO ADDITIONAL EXPENSE TO THE GOVERNMENT.
 - AFTER PROJECT CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REMOVE THE SIDE ENTRANCE AND RETURN THE 30-FOOT CORRIDOR TO ORIGINAL CONDITION IF SO DIRECTED BY THE CONTRACTING OFFICER. THIS WORK TO BE ACCOMPLISHED AT NO ADDITIONAL EXPENSE TO THE GOVERNMENT.



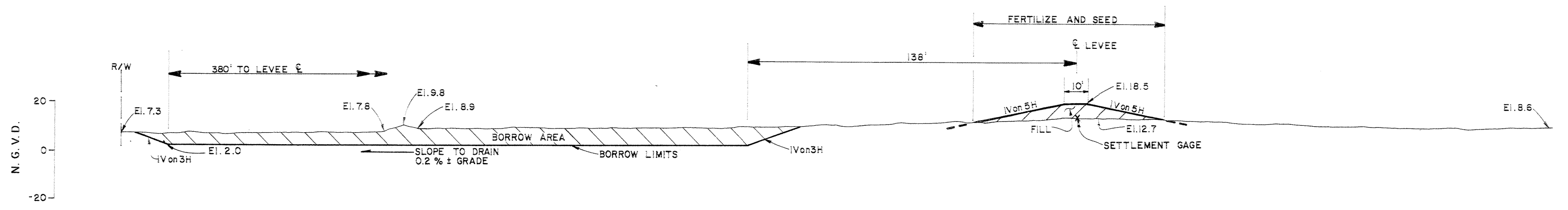
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PLAN AND PROFILE LEVEE B/L STA. 1060 + 00 TO STA. 1113 + 00			
DESIGNED:	DRAWN:	CHECKED:	DATE:
R. W.	L. A. H.	R. P. L.	NOV. 1982
SUBMITTED:	SPEC. NO.:	SCALE:	FILE NO.:
	DACW29-83-B-0011	AS SHOWN	H-8-29477
			DWG. 4 OF 11

DIRTYGAIN CORP.

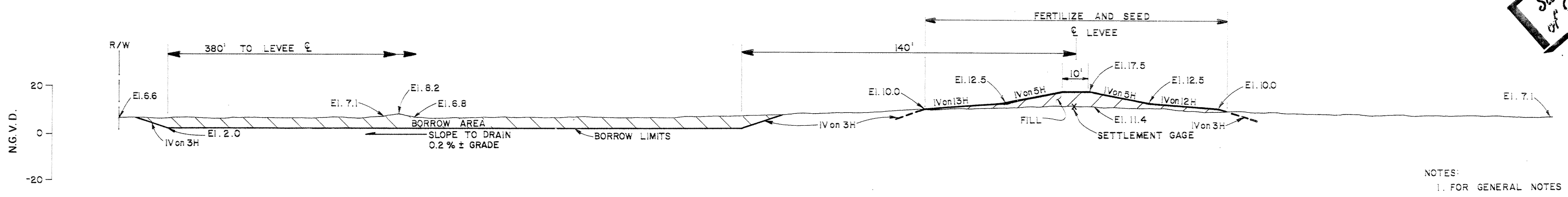


NOTE: THIS SECTION APPLICABLE TO REACH OF LEVEE PARALLELING THE MR-GO.

TYPICAL SECTION STA. 945+72 TO STA. 1002+00
SECTION SHOWN STA. 960+00

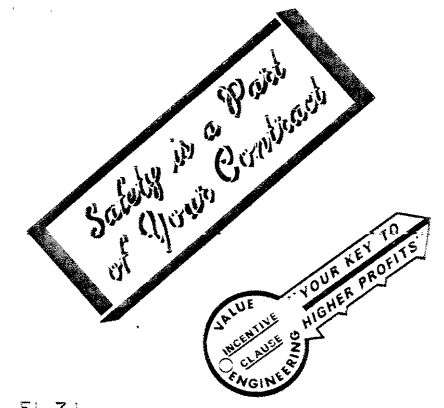


TYPICAL SECTION STA. 1002+00 TO STA. 1031+00
SECTION SHOWN STA. 1016+00

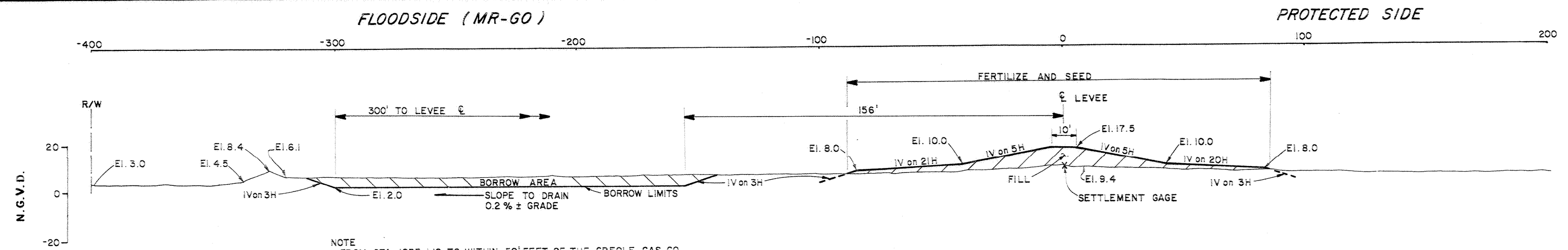


TYPICAL SECTION STA. 1031+00 TO STA. 1033+12
SECTION SHOWN STA. 1031+00

- NOTES:
- FOR GENERAL NOTES SEE DWG. 2.
 - PLAN VIEW OF SECTIONS SHOWN ARE ON DWG. 2 AND 3.
 - ALL DRAWING DIMENSIONS AS SHOWN.

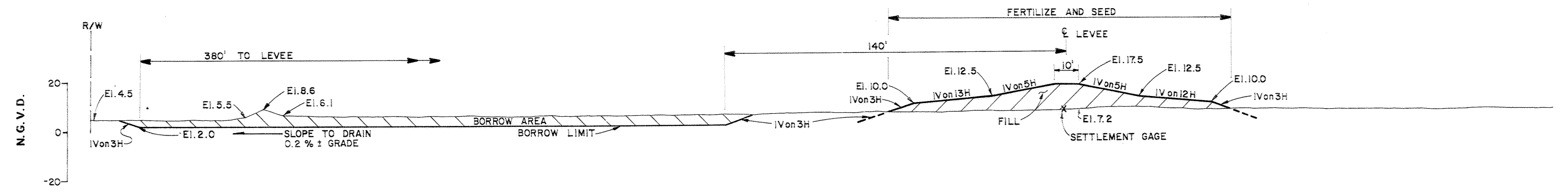


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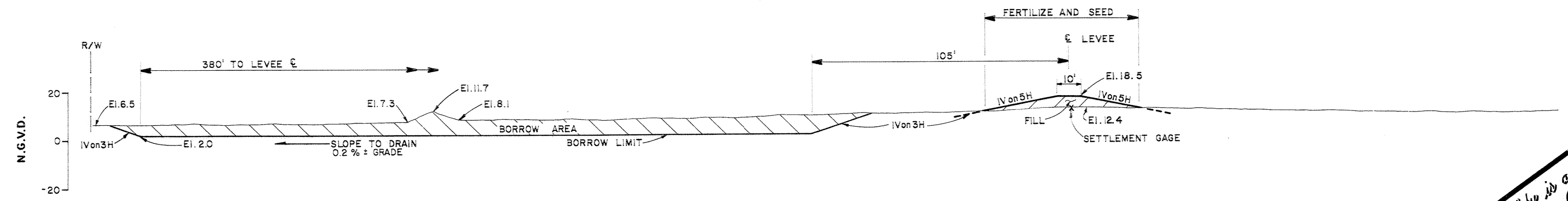


NOTE
 FROM STA. 1033 + 12 TO WITHIN 50' FEET OF THE CREOLE GAS CO. PIPELINE AND FROM 50' FEET BEYOND THE TENNECO OIL CO. PIPELINE TO STA. 1044 + 88, THE BACK OF THE BORROW PIT WILL EXTEND TO 380 FEET AT 2.0 FEET ELEVATION.

TYPICAL SECTION STA. 1033 + 12 TO STA. 1044 + 88
 SECTION SHOWN STA. 1037 + 00



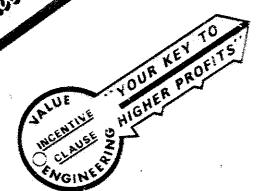
TYPICAL SECTION STA. 1044 + 88 TO STA. 1051 + 00
 SECTION SHOWN STA. 1045 + 00



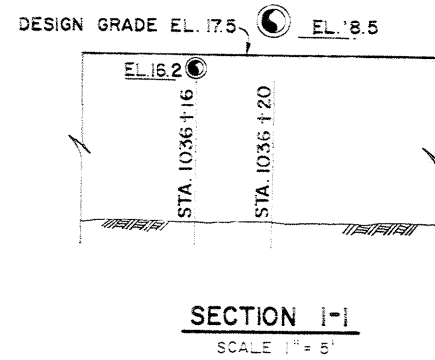
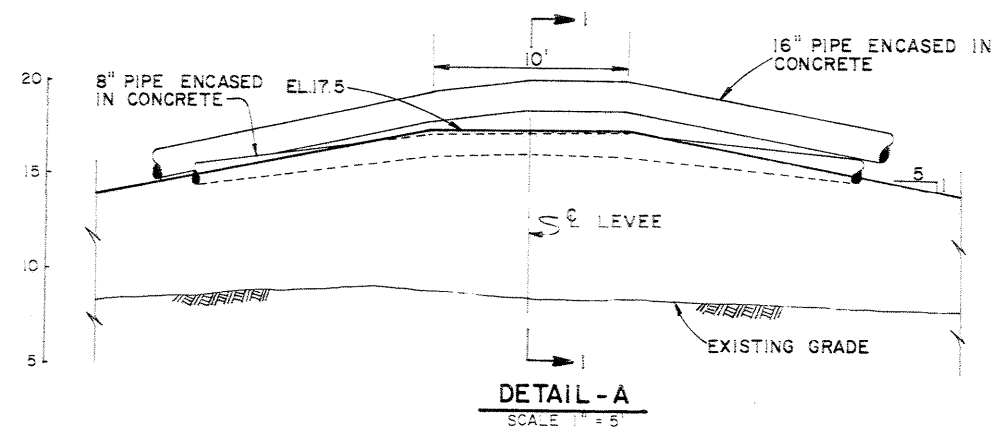
TYPICAL SECTION STA. 1051 + 00 TO STA. 1113 + 00
 SECTION SHOWN STA. 1090 + 00

- NOTES:
 1. FOR GENERAL NOTES SEE DWG. 2.
 2. PLAN VIEW OF SECTIONS SHOWN ARE ON DWGS. 3 & 4.
 3. ALL DRAWING DIMENSIONS AS SHOWN.

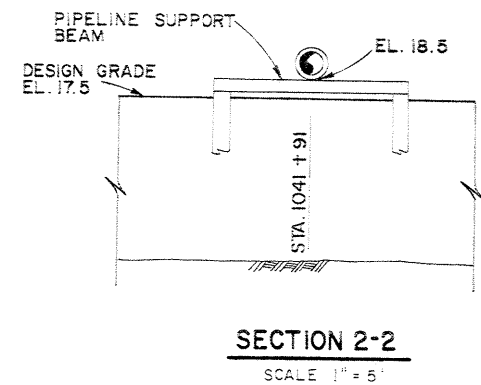
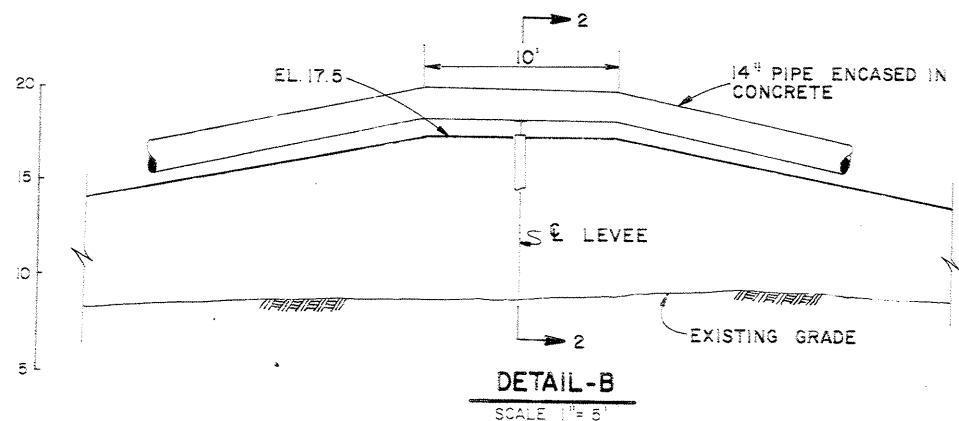
Safety is a Part of Your Contract



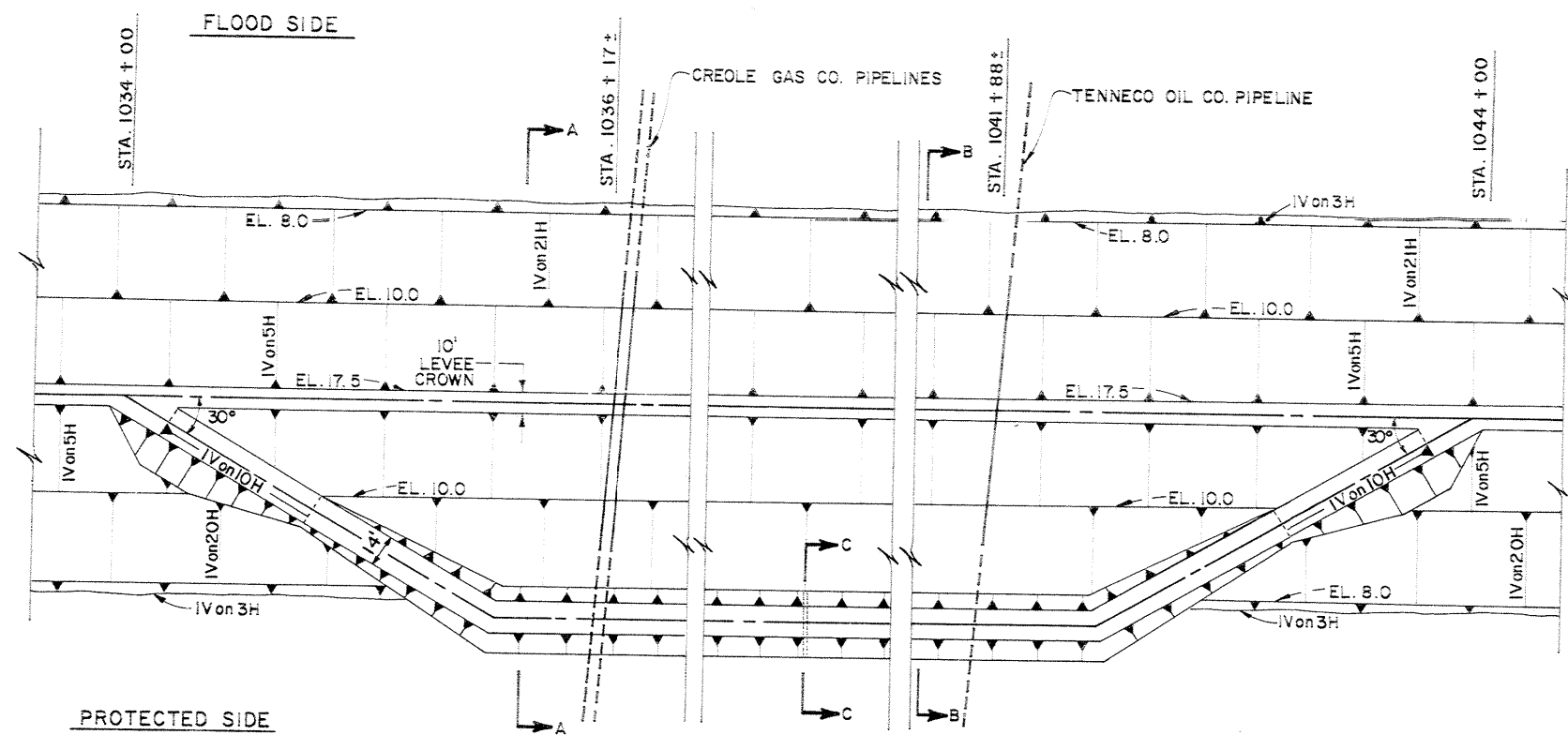
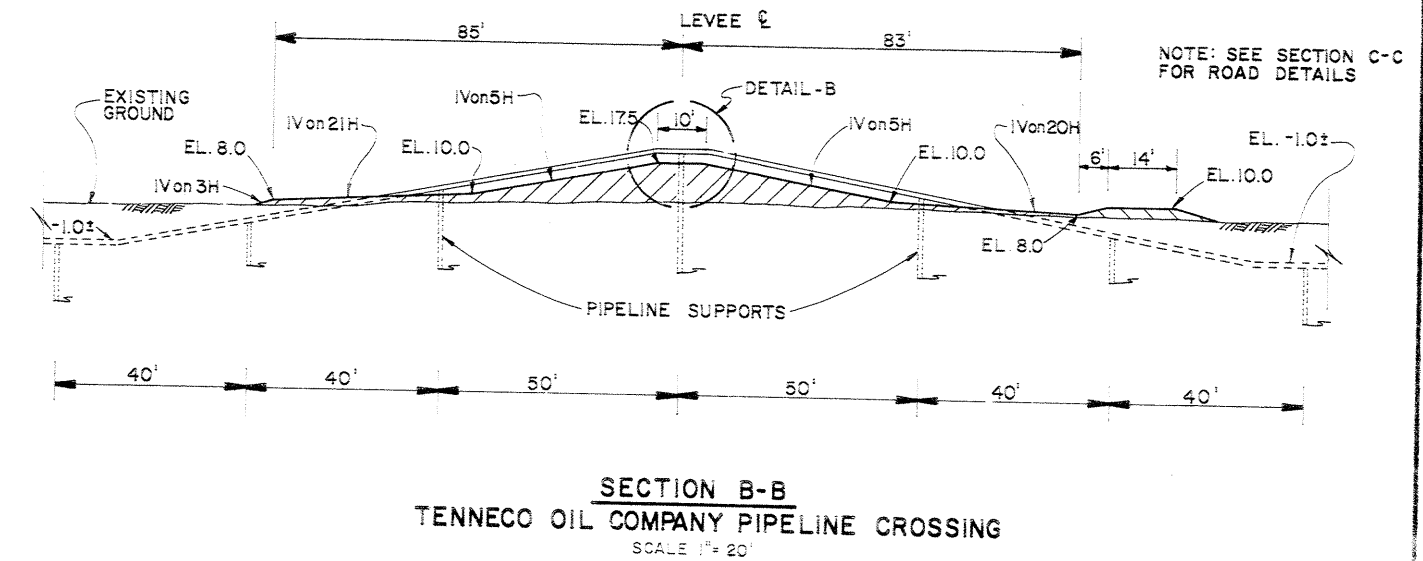
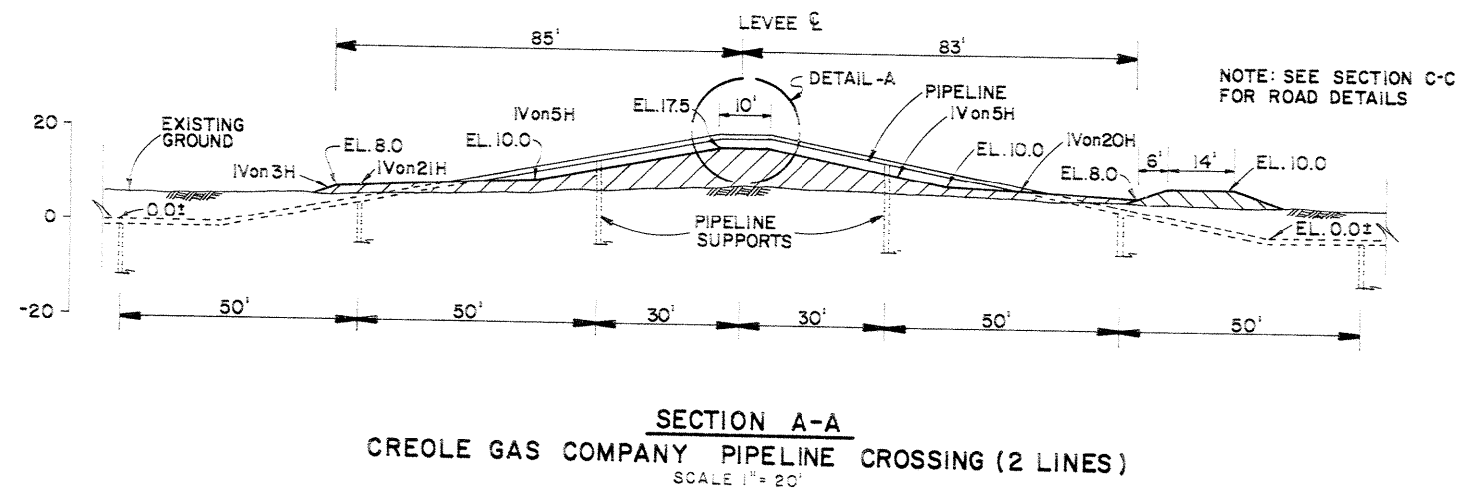
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DESIGNED: R.W.W.	DRAWN: L.A.H.	CHECKED: R.P.L.	DATE: NOV. 1962
SCALE: AS SHOWN		FILE NO: H-8-29477	
SUBMITTED: [Signature]		SPEC. NO: DACW29-83-B-0011	
		DWG 6 OF 11	



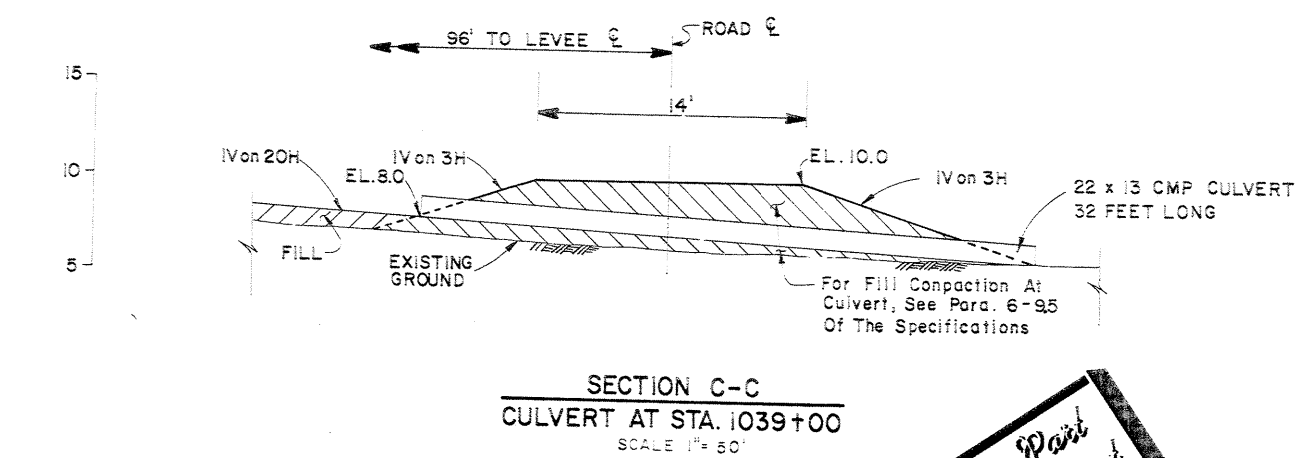
CREOLE GAS CO. PIPELINE



TENNECO OIL CO. PIPELINE



BYPASS ROAD AT PIPELINE CROSSING



**SECTION C-C
CULVERT AT STA. 1039+00**

NOTES:

1. For General Notes & Legend See Dwg. 2.
2. Pipeline Bypass Road, including Crown, To Be Fertilized And Seeded.
3. All Drawing Dimensions As Shown.
4. Fill Adjacent To Pipelines And Pipeline Support Structures.
 - a. The Contractor Shall Submit A Plan Of Operations An Construction For Fill Adjacent To The Pipelines As Specified In Paragraph SP-20 Of The Specifications.
 - b. Care Shall Be Exercised In Placing Fill Adjacent To Pipelines And Pipeline Structures To Prevent Unbalanced Side Pressure.

- c. All Fill Placed Within 2 Feet Of The Pipelines And Pipeline Support Structures (Under, Alongside, Or On Top Of) Shall Be Placed In layers Not To Exceed 6 Inches.

SETTLEMENT GAGE SPECIFICATIONS

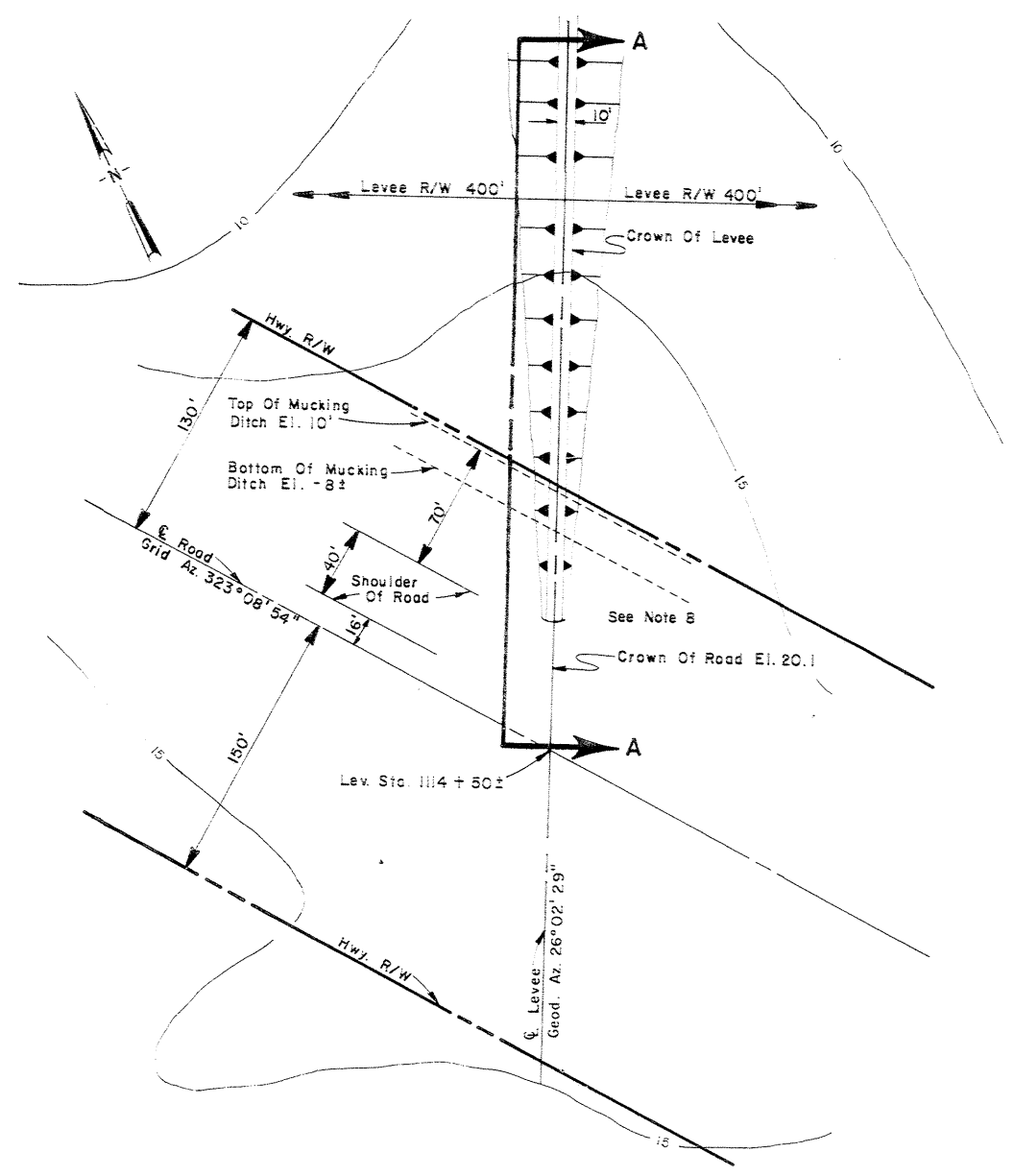
SHOULD THE CONTRACTOR DESIRE PAYMENT FOR PLACING ADDITIONAL FILL DUE TO FOUNDATION SETTLEMENT DURING CONSTRUCTION HE SHALL FURNISH AND INSTALL SETTLEMENT GAGES AT THE LOCATIONS SHOWN ON THE DESIGN SECTION IN CONFORMANCE WITH THE PROVISIONS OF SECTION 3 OF THE SPECIFICATIONS.

THE SETTLEMENT MEASUREMENT RANGE FOR EACH SETTLEMENT GAGE SHALL BE FOR A DISTANCE OF 250 FEET IN EACH DIRECTION FROM EACH SETTLEMENT GAGE MEASURED ALONG THE CENTERLINE OF THE LEVEE, EXCEPT WHERE SETTLEMENT GAGES ARE PLACED AT LESS THAN 500 FEET INTERVALS. IN WHICH CASE, THE SETTLEMENT MEASUREMENT RANGE SHALL BE TO A POINT 1/2 THE DISTANCE BETWEEN SETTLEMENT GAGES.

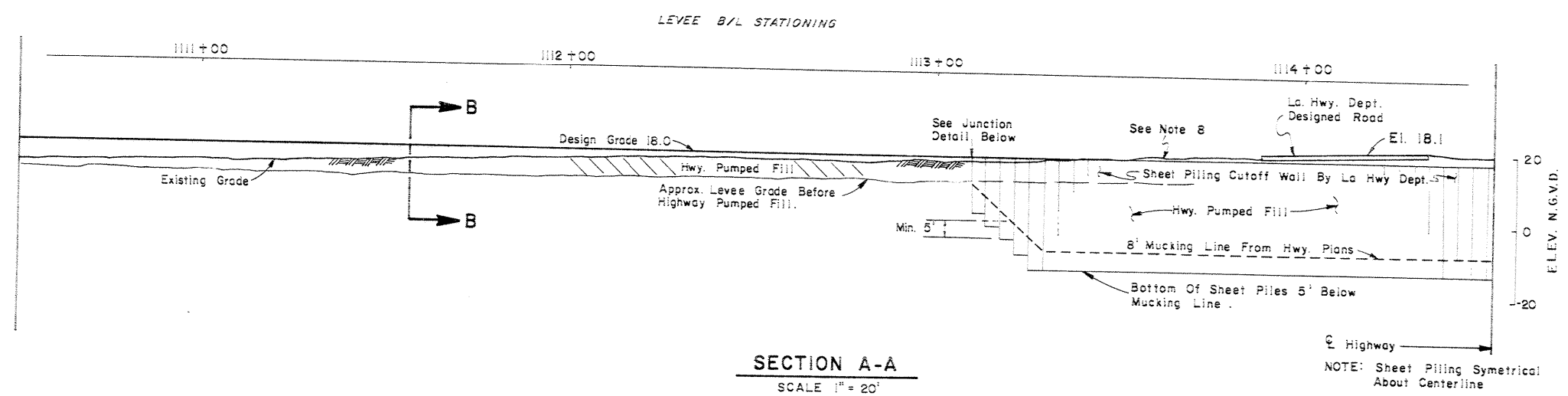
1/8" STEELPLATE
MINIMUM 2' X 2'



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MISCELLANEOUS DETAILS			
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SUBMITTED:	SPEC. NO.	SCALE:	FILE NO.
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			7 OF 11

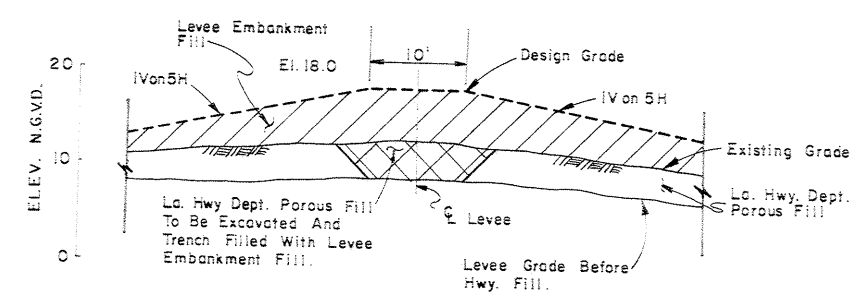


PLAN OF INTERSECTION
SCALE 1" = 50'

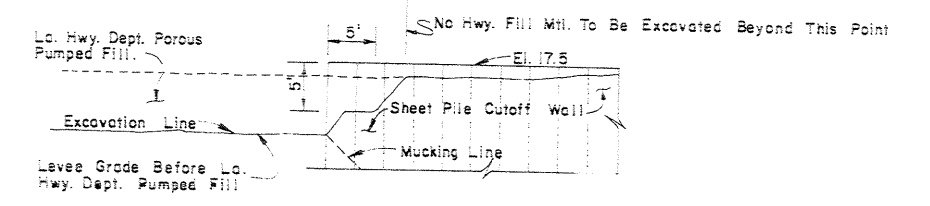
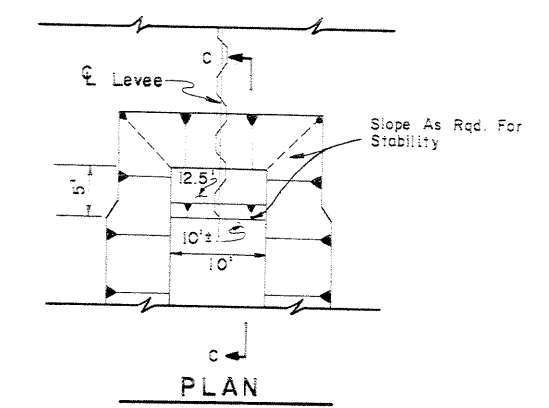


SECTION A-A
SCALE 1" = 20'

NOTE: Sheet Piling Symmetrical About Centerline



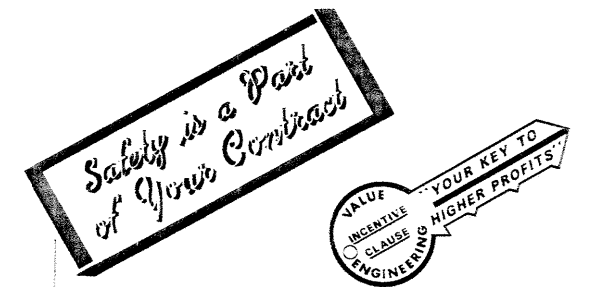
SECTION B-B
SCALE 1" = 10'



SECTION C-C

EXCAVATION DETAIL AT JUNCTION OF LA. HIGHWAY DEPT. SHEET PILE CUTOFF WALL & LEVEE SECTION
SCALE 1" = 10'

- NOTES:
1. FOR GENERAL NOTES AND LEGEND, SEE DWG 1.
 2. ALL DRAWING DIMENSIONS ARE IN FEET.
 3. FROM SOIL BORINGS, THE LA. HWY. DEPT. WILL ESTABLISH THE LOCUS OF THEIR MUCKING LINE WHICH WILL, IN TURN, ESTABLISH THE STAKING POINT FOR THE SHEET PILE CUTOFF WALL.
 4. IN THE AREAS AND TO THE LIMITS AS SHOWN, THE POROUS MATERIAL PLACED IN BY THE LA. HWY. DEPT. SHALL BE EXCAVATED. THE UNOBTAINED MATERIAL IS TO BE USED FOR SIDE SLOPE FILL.
 5. FROM THE END OF EXCAVATION OF THE LA. HWY. DEPT. PUMPED FILL IS TO BE REMOVED AND NO FURTHER MOVING IN OF THE LEVEE TO THE SHEET PILING WILL BE REQUIRED.
 6. WHEN PLACING LEVEE EMBAKMENT FILL ADJACENT TO AND OVER THE SHEET PILING, THE MATERIAL SHALL BE PLACED IN 8-INCH LIFTS AND CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO THE SHEET PILING.
 7. SHEET PILE AND LEVEE DESIGN SYMMETRICAL ABOUT ROAD C/L.
 8. LEVEE CONSTRUCTION HAS WHERE THE LEVEE GRADE INTERSECTS THE HIGHWAY GRADE AS INDICATED BY DOR.

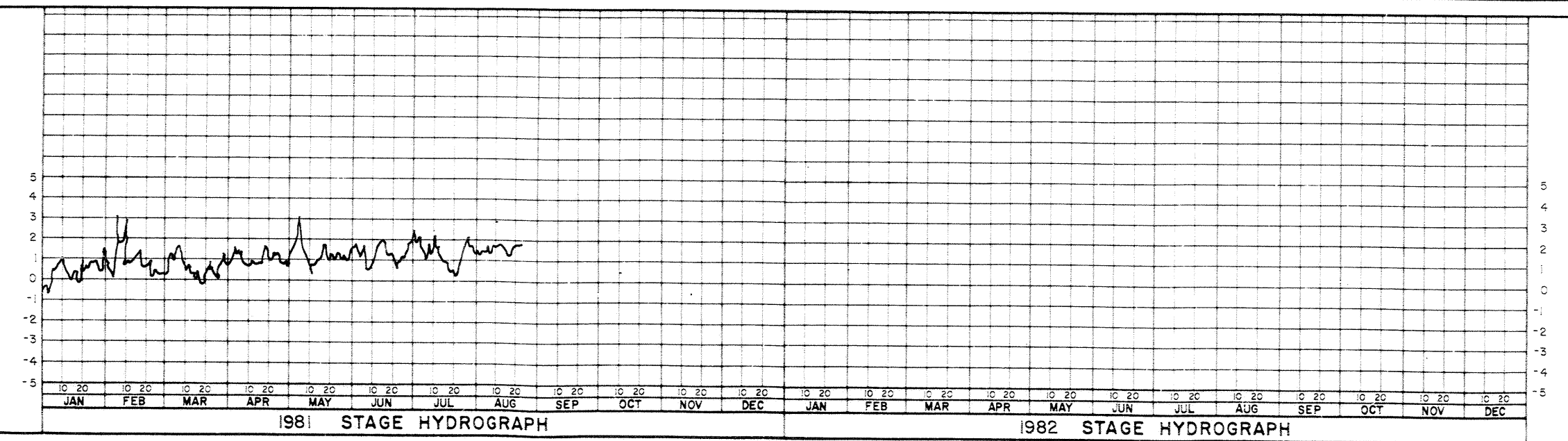
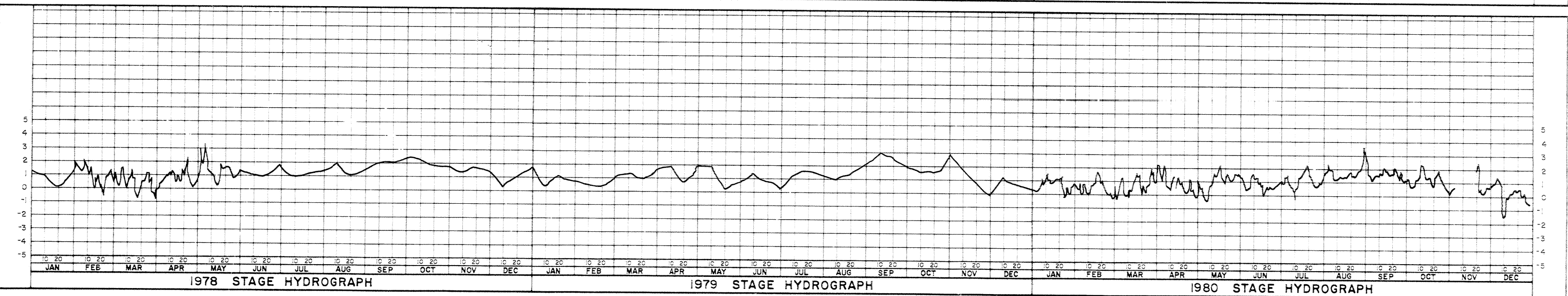
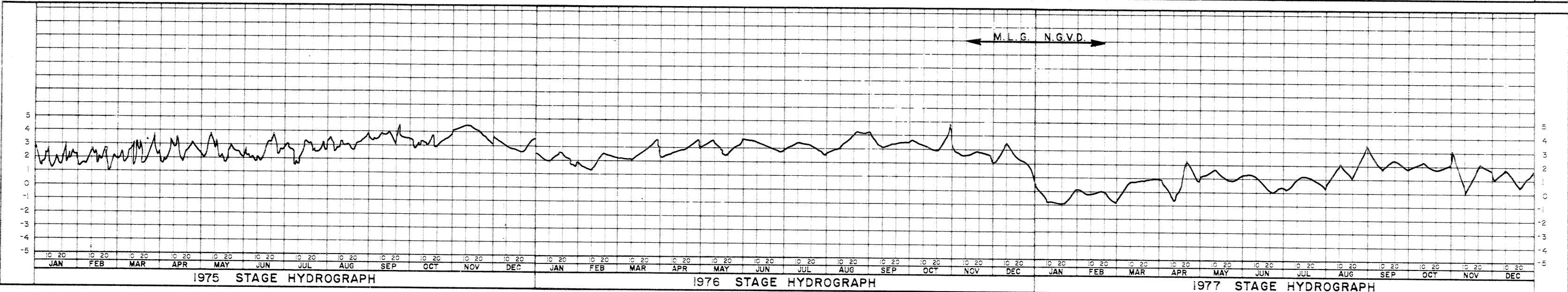
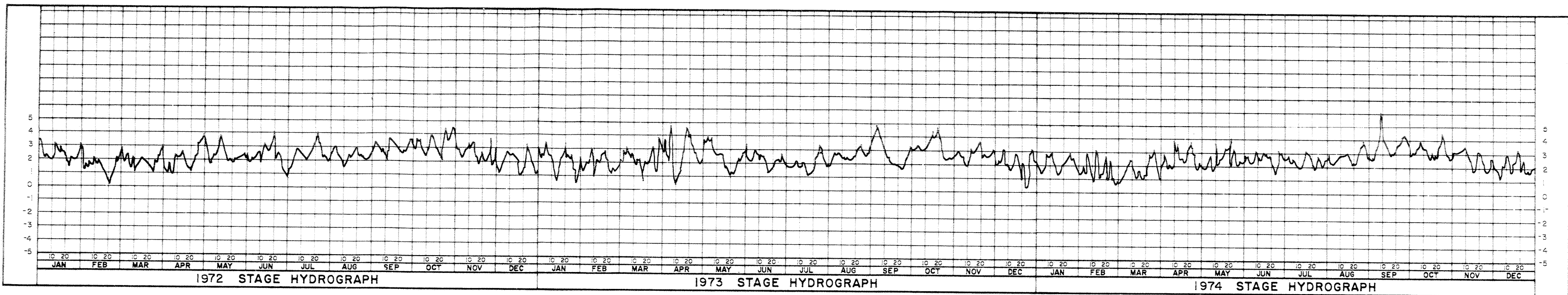


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LEVEE-ROAD INTERSECTION DETAIL			
DESIGNED:	DRAWN:	CHECKED:	DATE:
R.W.W.	L.A.H.	R.P.L.	NOV. 1962
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DIETZGEN CORP.

GAGE READINGS IN FEET

GAGE READINGS IN FEET



INTRACOASTAL WATERWAY NEAR PARIS ROAD BRIDGE, NEW ORLEANS, LA.
 PRIOR TO 1 JAN. 77, GAGE ZERO IS M.L.G. AFTER 1 JAN. 77, GAGE ZERO
 IS N.G.V.D.



REVISION	DATE	DESCRIPTION	BY
U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LA.			
LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY CHALMETTE AREA PLAN CHALMETTE EXTENSION HURRICANE PROTECTION LEVEE FIRST ENLARGEMENT MR-GO B/L STA. 945 + 72 TO LEVEE B/L STA. 1113 + 00 ST BERNARD PARISH, LA.			
STAGE HYDROGRAPH			
DESIGNED	DRAWN	CHECKED	DATE
R.W.W.	L.A.H.	R.P.L.	NOV. 1982
SCALE		FILE NO.	
AS SHOWN		H-8-29477	
SUBMITTER		SPEC NO.	
DACW29-83-B-0011		DWG 9 OF 11	

UNIFIED SOIL CLASSIFICATION			
MAJOR DIVISION	TYPE	LETTER SYM SYMBOL BOL	TYPICAL NAMES
COARSE-GRAINED SOILS More than half of material is larger than No. 200 sieve size	GRAVELS More than half of coarse fraction is larger than No. 4 sieve size.	CLEAN GRAVEL (Little or No Fines)	GW GRAVEL, Well Graded, gravel-sand mixtures, little or no fines
		GRAVEL WITH FINES (Appreciable Amount of Fines)	GP GRAVEL, Poorly Graded, gravel-sand mixtures, little or no fines
		CLEAN SAND (Little or No Fines)	GM SILTY GRAVEL, gravel-sand-silt mixtures
		SANDS WITH FINES (Appreciable Amount of Fines)	GC CLAYEY GRAVEL, gravel-sand-clay mixtures
		CLEAN SAND (Little or No Fines)	SW SAND, Well-Graded, gravelly sands
	SANDS More than half of coarse fraction is smaller than No. 4 sieve size.	CLEAN SAND (Little or No Fines)	SP SAND, Poorly-Graded, gravelly sands
		SANDS WITH FINES (Appreciable Amount of Fines)	SM SILTY SAND, sand-silt mixtures
		CLEAN SAND (Little or No Fines)	SC CLAYEY SAND, sand-clay mixtures
		SANDS WITH FINES (Appreciable Amount of Fines)	
FINE-GRAINED SOILS More than half the material is smaller than No. 200 sieve size.	SILTS AND CLAYS (Liquid Limit < 50)	ML SILT & very fine sand, silty or clayey fine sand or clayey silt with slight plasticity	
		CL LEAN CLAY, Sandy Clay, Silty Clay, of low to medium plasticity	
		OL ORGANIC SILTS and organic silty clays of low plasticity	
	SILTS AND CLAYS (Liquid Limit > 50)	MH SILT, fine sandy or silty soil with high plasticity	
		CH FAT CLAY, inorganic clay of high plasticity	
		OH ORGANIC CLAYS of medium to high plasticity, organic silts	
HIGHLY ORGANIC SOILS	Pt PEAT, and other highly organic soil		
WOOD	Wd WOOD		
SHELLS	SI SHELLS		
NO SAMPLE			

NOTE: Soils possessing characteristics of two groups are designated by combinations of group symbols

DESCRIPTIVE SYMBOLS						
COLOR		CONSISTENCY FOR COHESIVE SOILS			MODIFICATIONS	
COLOR	SYMBOL	CONSISTENCY	COHESION IN LBS./SQ. FT. FROM UNCONFINED COMPRESSION TEST	SYMBOL	MODIFICATION	SYMBOL
TAN	T				Traces	Tr-
YELLOW	Y				Fine	F
RED	R	VERY SOFT	< 250	vSo	Medium	M
BLACK	BK	SOFT	250 - 500	So	Coarse	C
GRAY	Gr	MEDIUM	500 - 1000	M	Concretions	cc
LIGHT GRAY	lGr	STIFF	1000 - 2000	St	Rootlets	rt
DARK GRAY	dGr	VERY STIFF	2000 - 4000	vSt	Lignite fragments	lg
BROWN	Br	HARD	> 4000	H	Shale fragments	sh
LIGHT BROWN	lBr				Sandstone fragments	sds
DARK BROWN	dBr				Shell fragments	sif
BROWNISH-GRAY	br Gr				Organic matter	O
GRAYISH-BROWN	gy Br				Clay strata or lenses	CS
GREENISH-GRAY	gn Gr				Silt strata or lenses	SIS
GRAYISH-GREEN	gy Gn				Sand strata or lenses	SS
GREEN	Gn				Sandy	S
BLUE	Bl				Gravelly	G
BLUE-GREEN	Bl Gn				Boulders	B
WHITE	Wh				Slickensides	SL
MOTTLED	Mot				Wood	Wd
					Oxidized	Ox

PLASTICITY CHART
For classification of fine-grained soils

NOTES:

FIGURES TO LEFT OF BORING UNDER COLUMN "W OR D₁₀"

Are natural water contents in percent dry weight
When underlined denotes D₁₀ size in mm*

FIGURES TO LEFT OF BORING UNDER COLUMNS "LL" AND "PL"

Are liquid and plastic limits, respectively

SYMBOLS TO LEFT OF BORING

▽ Ground-water surface and date observed

⊙ Denotes location of consolidation test**

⊙ Denotes location of consolidated-drained direct shear test**

⊙ Denotes location of consolidated-undrained triaxial compression test**

⊙ Denotes location of unconsolidated-undrained triaxial compression test**

⊙ Denotes location of sample subjected to consolidation test and each of the above three types of shear tests**

FW Denotes free water encountered in boring or sample

FIGURES TO RIGHT OF BORING

Are values of cohesion in lbs./sq. ft. from unconfined compression tests

In parenthesis are driving resistances in blows per foot determined with a standard split spoon sampler (1 3/8" I.D., 2" O.D.) and a 140 lb. driving hammer with a 30" drop

Where underlined with a solid line denotes laboratory permeability in centimeters per second of undisturbed sample

Where underlined with a dashed line denotes laboratory permeability in centimeters per second of sample remoulded to the estimated natural void ratio

*The D₁₀ size of a soil is the grain diameter in millimeters of which 10% of the soil is finer, and 90% coarser than D₁₀

**Results of these tests are available for inspection in the U.S. Army Engineer District Office, if these symbols appear beside the boring logs on the drawings

TYPICAL NOTES:

While the borings are representative of subsurface conditions at their respective locations and for their respective vertical reaches, local variations characteristic of the subsurface materials of the region are anticipated and, if encountered, such variations will not be considered as differing materially within the purview of clause 4 of the contract.

Ground-water elevations shown on the boring logs represents ground-water surfaces encountered on the dates shown. Absence of water surface data on certain borings implies that no ground-water data is available, but does not necessarily mean that ground water will not be encountered at the locations or within the vertical reaches of these borings.

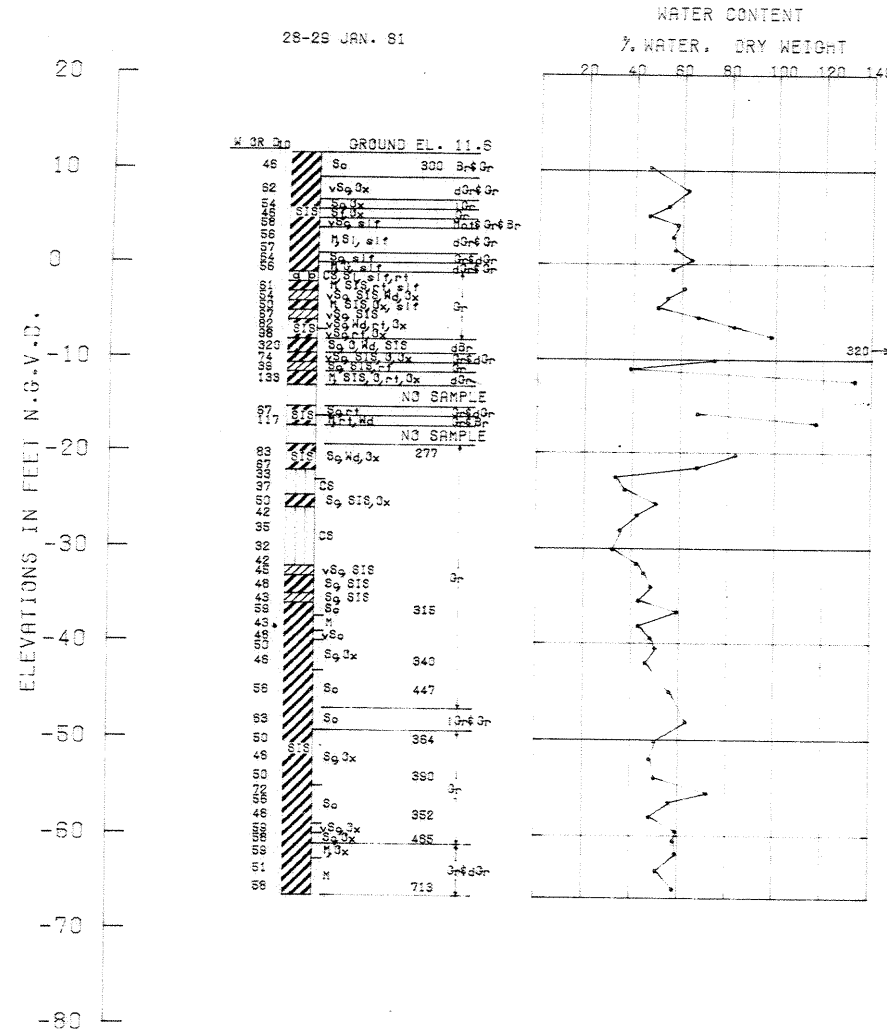
Consistency of cohesive soils shown on the boring logs is based on driller's log and visual examination and is approximate, except within those vertical reaches of the borings where shear strengths from unconfined compression tests are shown.

Safety is a Part of Your Contract

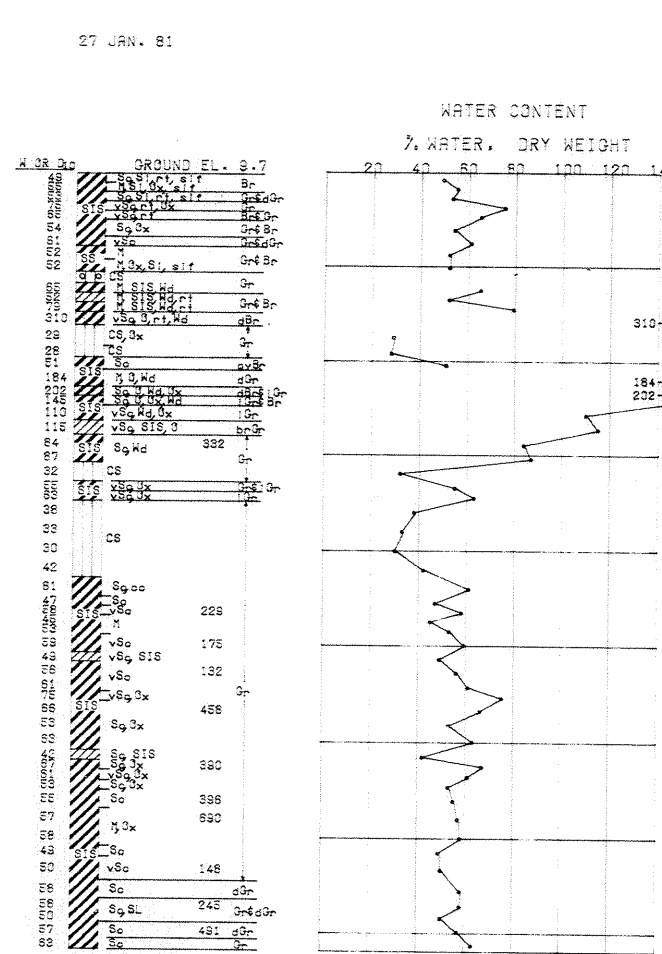
YOUR KEY TO
SAFER
HEALTHIER
EASIER
ENGINEERING

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U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LA. LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY CHALMETTE AREA PLAN CHALMETTE EXTENSION HURRICANE PROTECTION LEVEE FIRST ENLARGEMENT MR-GO B/L STA. 945 + 72 TO LEVEE B/L STA. 1113 + 00 ST. BERNARD PARISH, LA. SOIL BORING LEGEND			
DESIGNED	DRAWN	CHECKED	DATE
R.W.W.	E.M.M.	L.A.R.	NOV. 1982
SUBMITTED	SPEC NO.	SCALE	FILE NO.
	DACW29-83-B-0011	AS SHOWN	H-8-29477
DRAWN		DWG 10 OF 11	

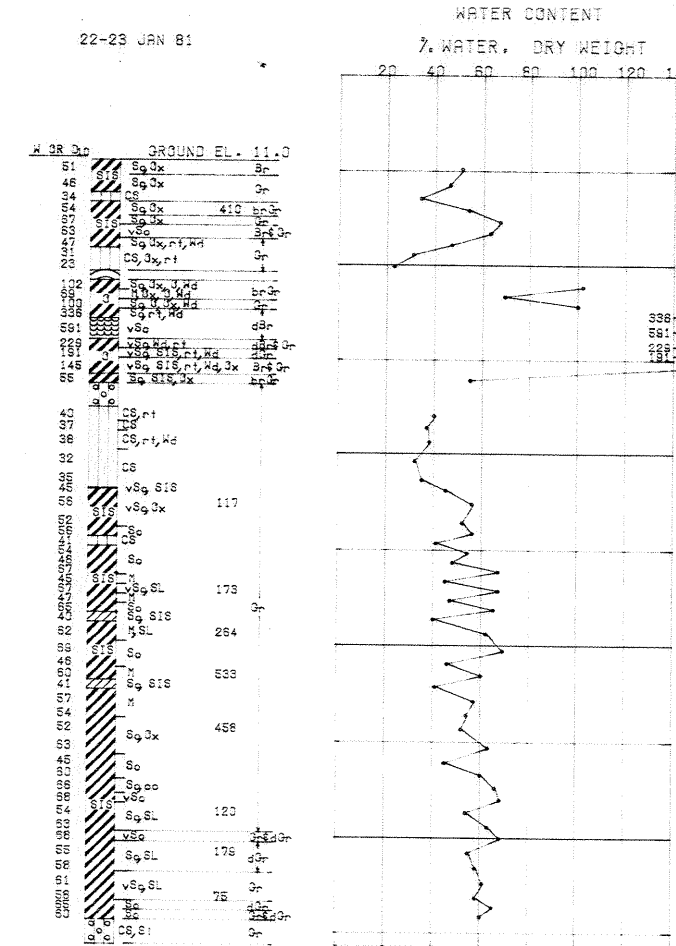
BOR. 10-CUF
B/L STA. 870+00
ON LEVEE C/L



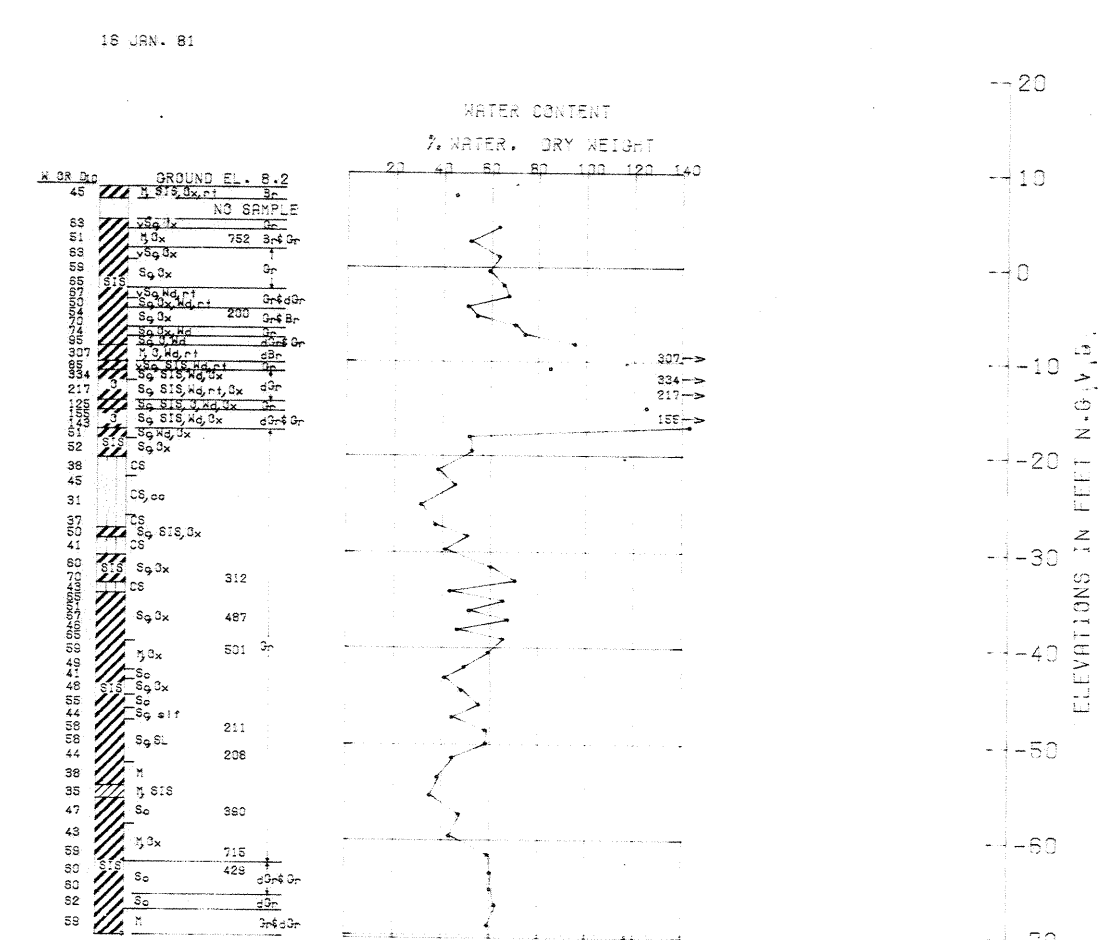
BOR. 10-CUG
STA. 870+00
220 FT. ON PROTECTION SIDE



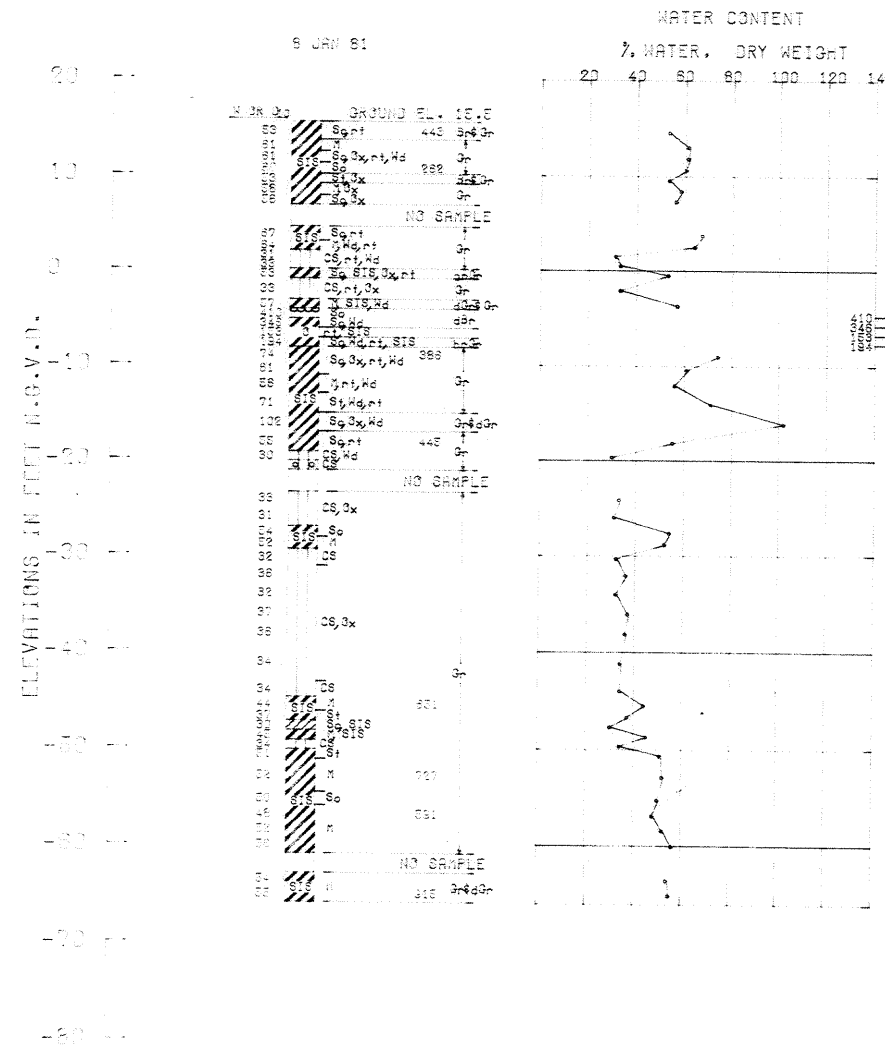
BOR. 15-CUH
B/L STA. 1038+00
ON LEVEE C/L



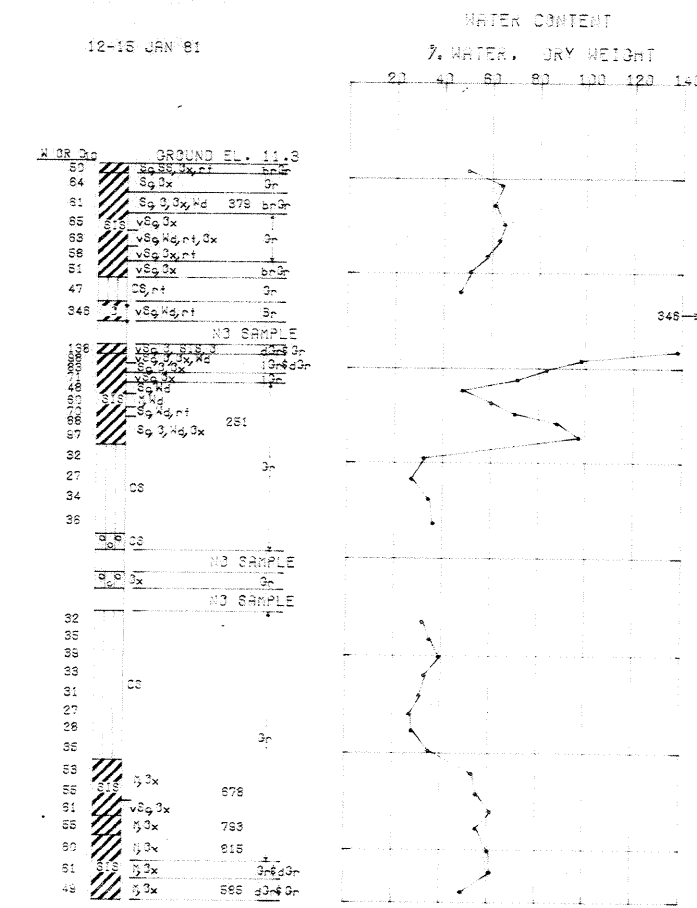
BOR. 15-CUI
B/L STA. 1038+00
280 FT. PROTECTED SIDE



BOR. 10-CUU
B/L STA. 1070+00
ON LEVEE C/L



BOR. 15-CUK
B/L STA. 1070+00
280 FT. PROTECTED SIDE



- NOTES
1. FOR GENERAL NOTES AND LEGEND SEE DWG. 2.
 2. FOR SOIL BORING LEGEND SEE DWG. 10.
 3. UNDISTURBED SAMPLES WERE TAKEN WITH A 5 INCH DIAMETER STEEL TUBE PISTON TYPE SAMPLER.



UNDISTURBED TYPE BORING

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LA.					
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SOIL BORINGS					
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			DWG	11	OF 11