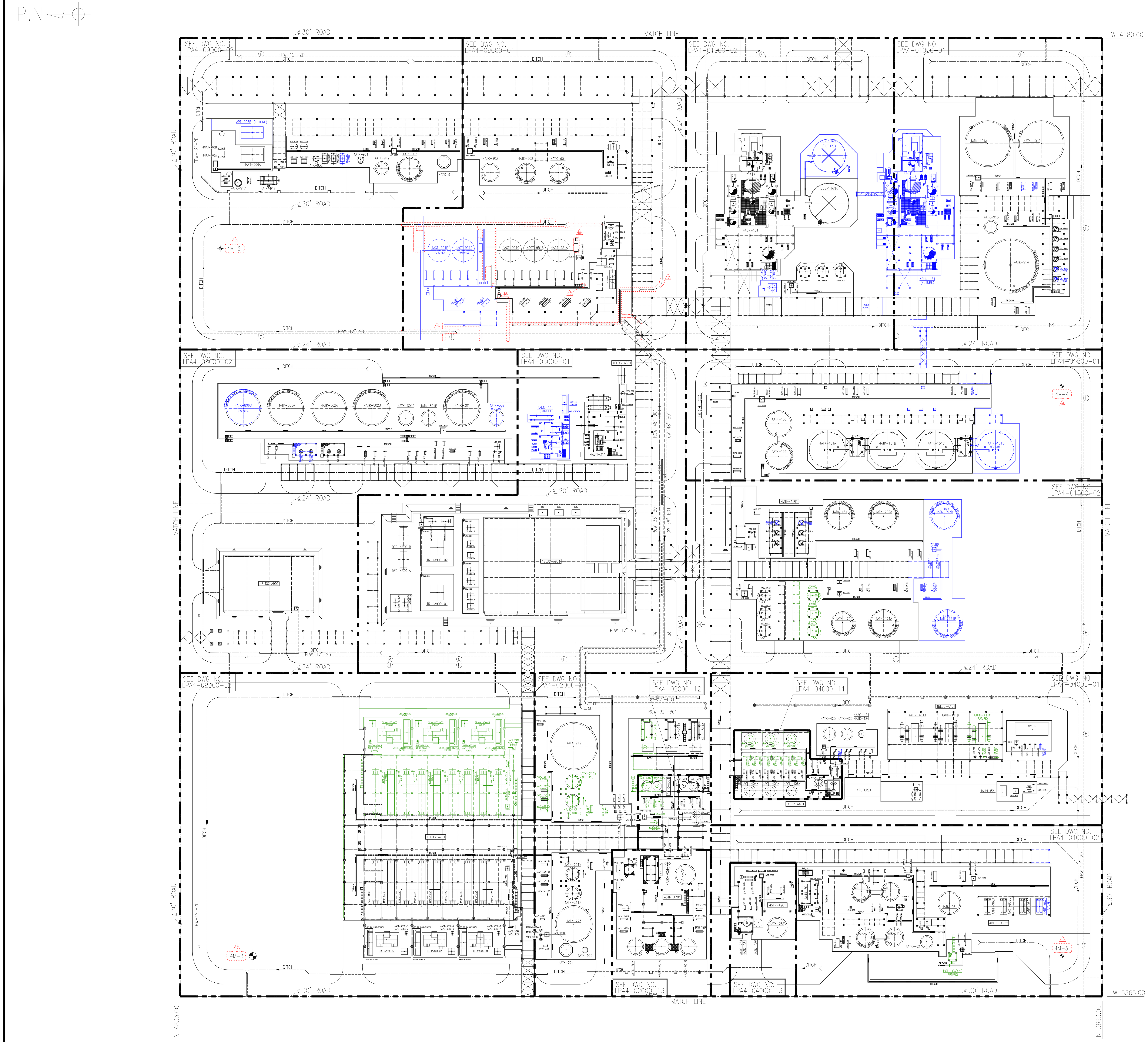


REV.NO.	DESCRIPTION	DWG	CHK	APR	DATE
10	REVISED	H.I	Y.O	K.K	JUL.15.'26
9	REVISED	H.I	Y.O	K.K	MAY.29.'26
8	REVISED	H.I	Y.O	K.K	APR.10.'26
7	REVISED	H.I	Y.O	K.K	MAR.10.'26
6	REVISED	K.T	Y.O	K.K	FEB.12.'26

SHINTECH PLAQUEMINE CA PLANT-4

CA PLANT-4

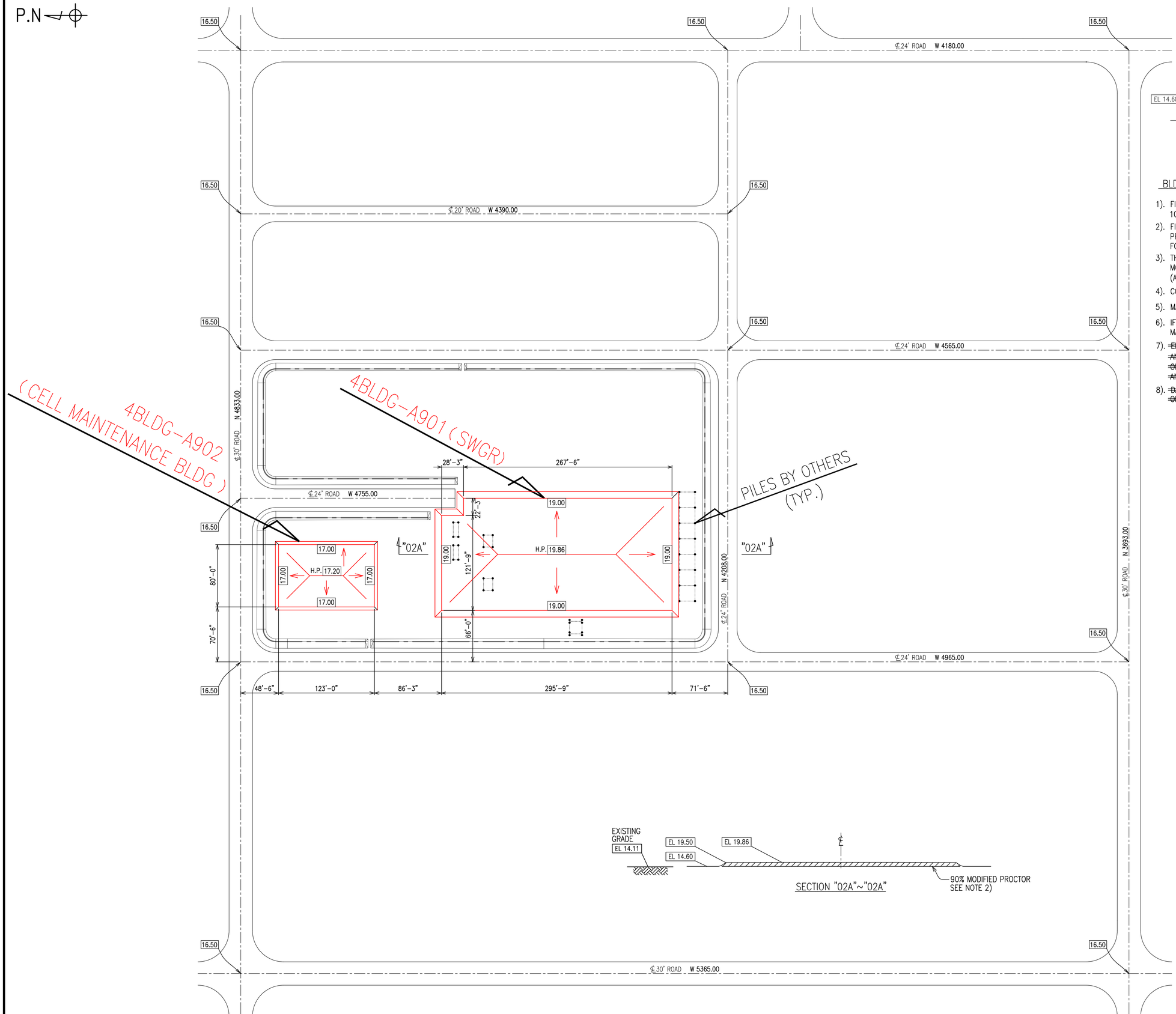
GENERAL LAYOUT PLAN

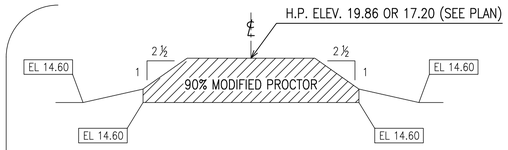
SHINTECH

APPROVED	Y.TAKEDA	DATE	JUL.01.'24	SCALE	1"=60'-0"
CHECKED	Y.OGAKI	DWG.NO.	LPA4-00001-01		10
DRAWN BY	Y.TERASAKI				

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P.N





TYPICAL BLDG. PAD SECTION
N.T.S

BLDG. PAD FILL NOTES :

1). FILL MATERIAL SHALL BE A LOW PLASTICITY CLAY WITH A PLASTIC INDEX BETWEEN 10 AND 32 AND A LIQUID LIMIT BETWEEN 20 AND 45, OR A GRANULAR MATERIAL.
2). FILL MATERIAL SHALL BE COMPACTED TO 90% OF ITS MODIFIED PROCTOR DRY DENSITY FOR CLAY OR 70% RELATIVE DENSITY FOR CRUSHED LIMESTONE.
3). THESE COMPACTION PERCENTAGES ARE IN ACCORDANCE WITH MODIFIED PROCTOR DENSITY (ASTM D-1557) FOR CLAY AND RELATIVE DENSITY (ASTM D-4253 AND D-4254) FOR GRANULAR MATERIAL.
4). CONTRACTOR SHALL SUBMIT A COMPACTION TEST REPORT FOR EACH LIFT.
5). MAXIMUM LIFT SHALL NOT EXCEED 8 INCHES.
6). IF CONTRACTOR USES ON SITE EXCAVATED MATERIAL , THE MATERIAL MAY REQUIRE LIME STABILIZATION TO MEET COMPACTION REQUIREMENT.
7). ~~ELEVATION MEASUREMENT SHALL BE PERFORMED AFTER THE SETTLEMENT PLATE IS SET AND BEFORE FILL IS PLACED, AT A FILL HEIGHT OF 5 FEET (EL. 20.2), UPON COMPLETION OF FILL, AND EVERY WEEK AFTER FILL PLACEMENT IS COMPLETE FOR 3 MONTHS, AND REPORTED TO OWNER.~~
8). ~~DATUM MONUMENT SHOULD BE MADE NEAR SURCHARGE AREA, BUT A MINIMUM OF 75 FEET AWAY FROM FILL WHERE NO CONSTRUCTION WORK WILL BE PERFORMED.~~

SECTION "02A"~"02A"

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
0	FOR BID	KG.MEC	Y.IZUMI	APR.04'25

SHINTECH PLAQUEMINE CA PLANT-4

CA PLANT-4

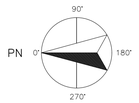
SITE DEVELOPMENT

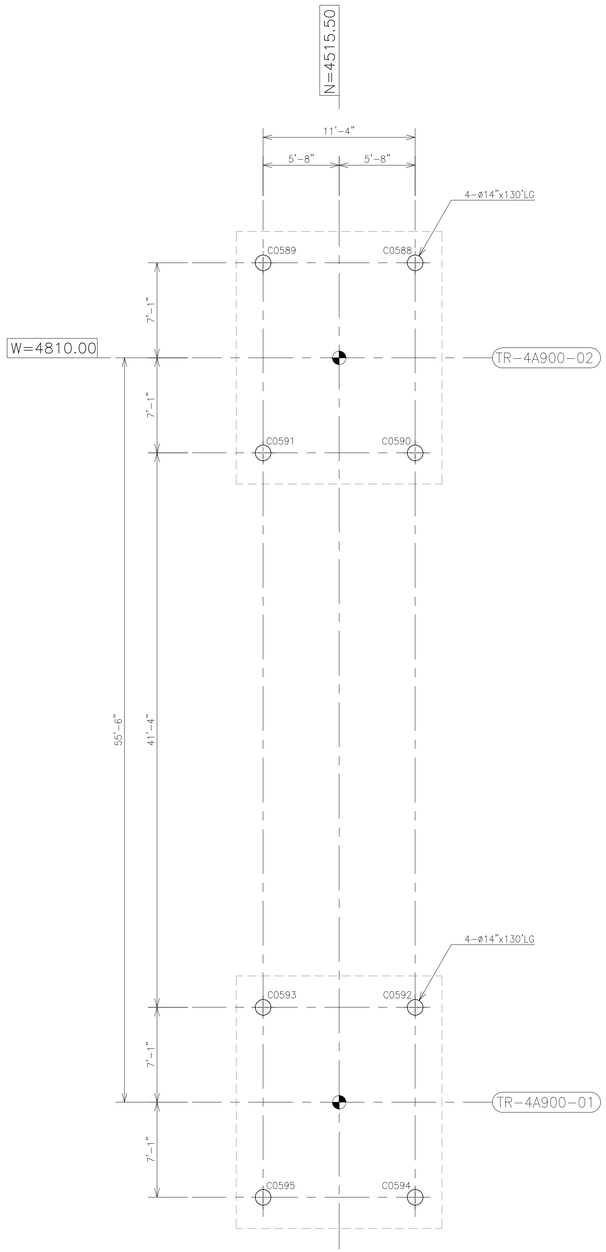
BLDG' PAD FILL DETAIL

SHINTECH

APPROVED	K.KOYAMA	DATE	APR.04'25	SCALE	1"=60'-0"
CHECKED	Y.IZUMI	DWG.NO.	LPA4-50001-02		0
DRAWN BY	KG.MEC				

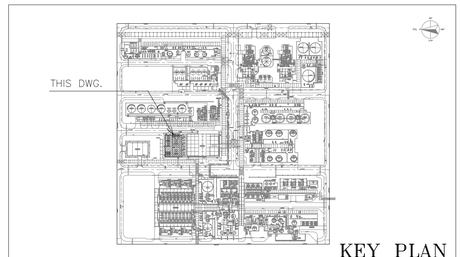
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PILE ARRANGEMENT PLAN

SCALE : 3/16" = 1'-0"



KEY PLAN

NOTES :

1. ø14"x130'LG STEEL PIPE PILE
2. NO. REQ'D OF PILE = 8 PCS.
3. STEEL PIPE PILE SPECIFICATION
   3.1) ASTM A252 GRADE 3
   3.2) 14" O.D. 0.25" THK.

LEGEND :

⊕ ø14"x130'LG

REV.	DESCRIPTION	DWN	CHKD	A/E	CHIEF	MGR.	APPR.	DATE
1/D	FOR CONSTRUCTION	S.K	[illegible]					06/17/26
1/C	FOR CONSTRUCTION	(ORIGINAL SIGNED)						03/18/26
0/B	FOR PE APPROVAL	(ORIGINAL SIGNED)						12/17/25
0/A	FOR REVIEW	(ORIGINAL SIGNED)						09/19/25

SHINTECH PLAQUEMINE CA PLANT-4

300/800 AREA

PILE ARRANGEMENT PLAN (2)

-

SHINTECH

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
△				. .
△				. .
△				. .
△				. .
△				. .

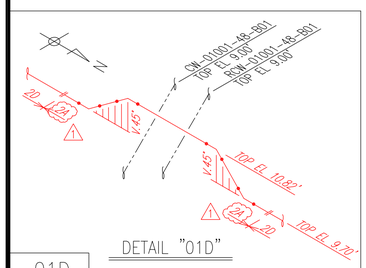
APPROVED BY KOYAMA
CHECKED BY IZUMI
DRAWN BY TTCL

DATE SEP. 19, 25 | SCALE 3/16" =1'-0"

DWG. No. LPA4-53003-002 △1

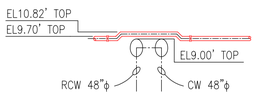
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P.N



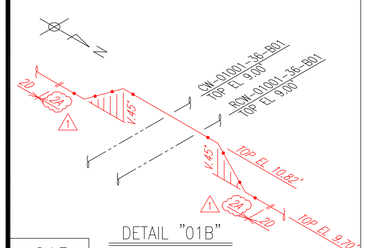
DETAIL "01D"

01D



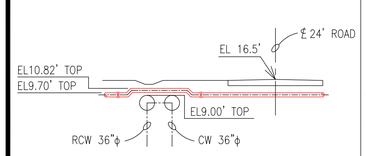
DETAIL "01C"

01C



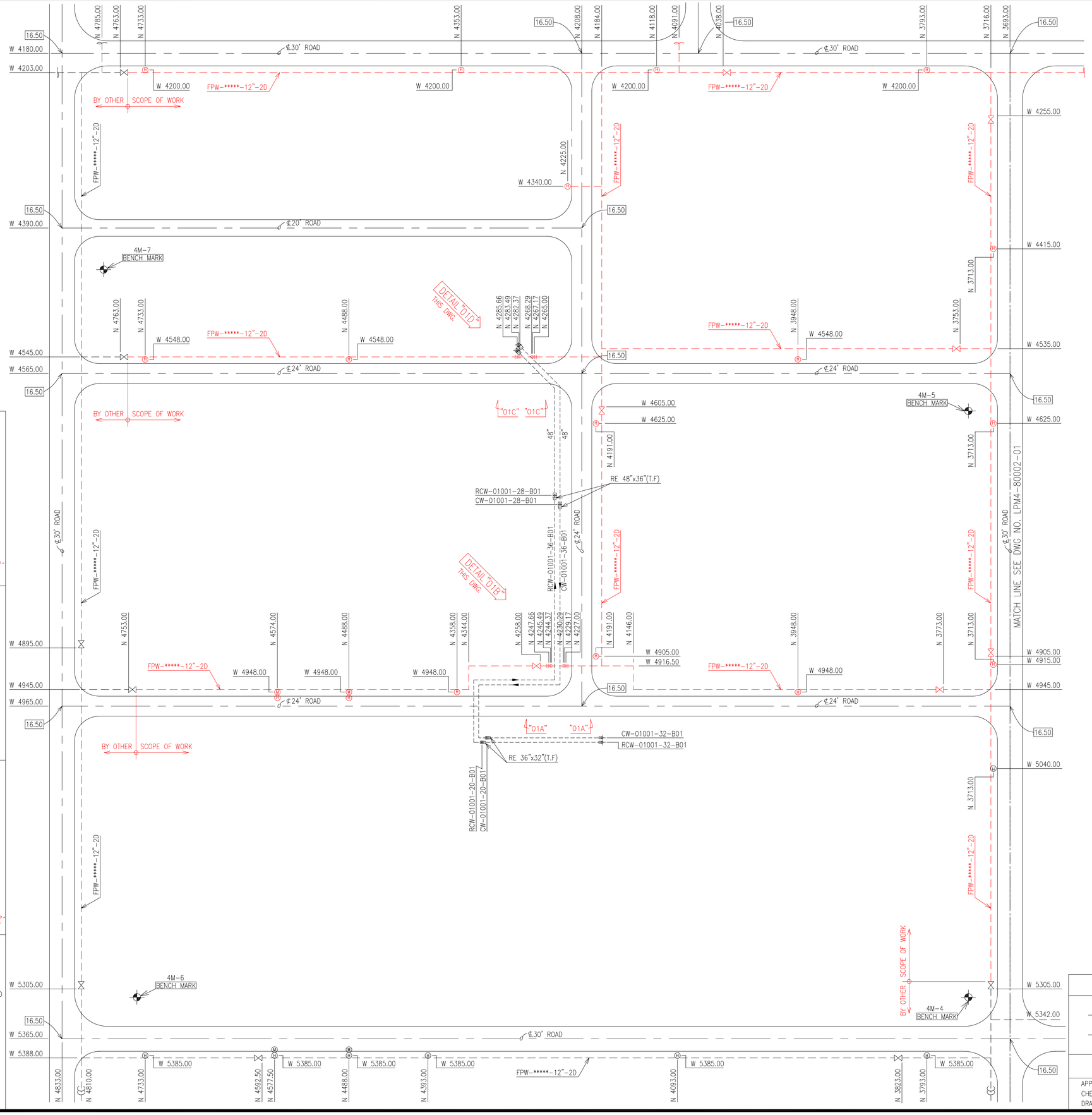
DETAIL "01B"

01B



DETAIL "01A"

01A



LEGEND

—⋈—: POST INDICATOR VALVE

Ⓜ & Ⓗ : HYDRANT W/ MONITOR

Ⓗ : HYDRANT

M : MONITOR 500GPM

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
2	CHANGED PIPE-SPEC. FROM B01 TO 2A	H.IWASAKI	Y.IZUMI	OCT.02'25
1	FOR BID	H.IWASAKI	Y.IZUMI	APR.07'25

SHINTECH PLAQUEMINE PLANT-4

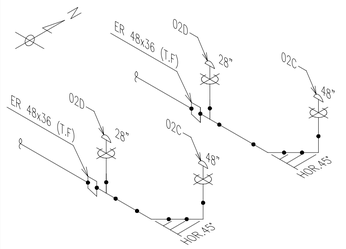
CA PLANT-4

FIRE FIGHTING UNDERGROUND PIPING PLAN

SHINTECH

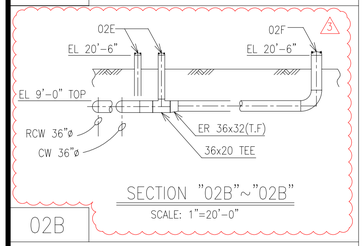
APPROVED BY	K.KOYAMA	DATE	APR.07'25	SCALE	1"=60'-0"
CHECKED BY	Y.IZUMI	DWG.NO.	LPA4-80002-01		1
DRAWN BY	H.IWASAKI				

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DETAIL "02A"

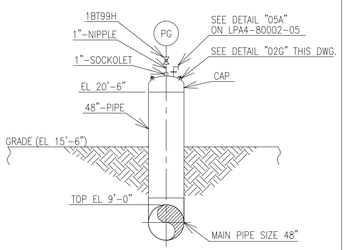
02A



SECTION "02B"~"02B"

SCALE: 1"=20'-0"

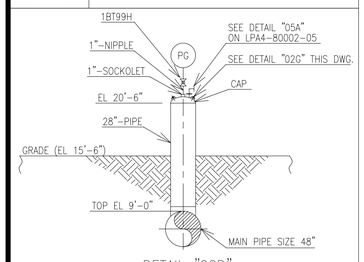
02B



DETAIL "02C"

NTS

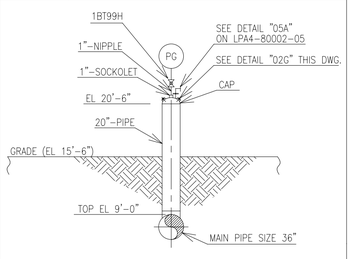
02C



DETAIL "02D"

NTS

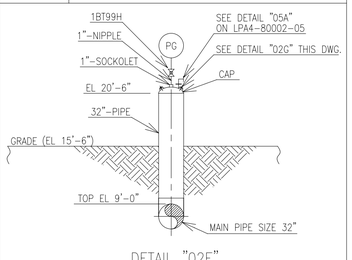
02D



DETAIL "02E"

NTS

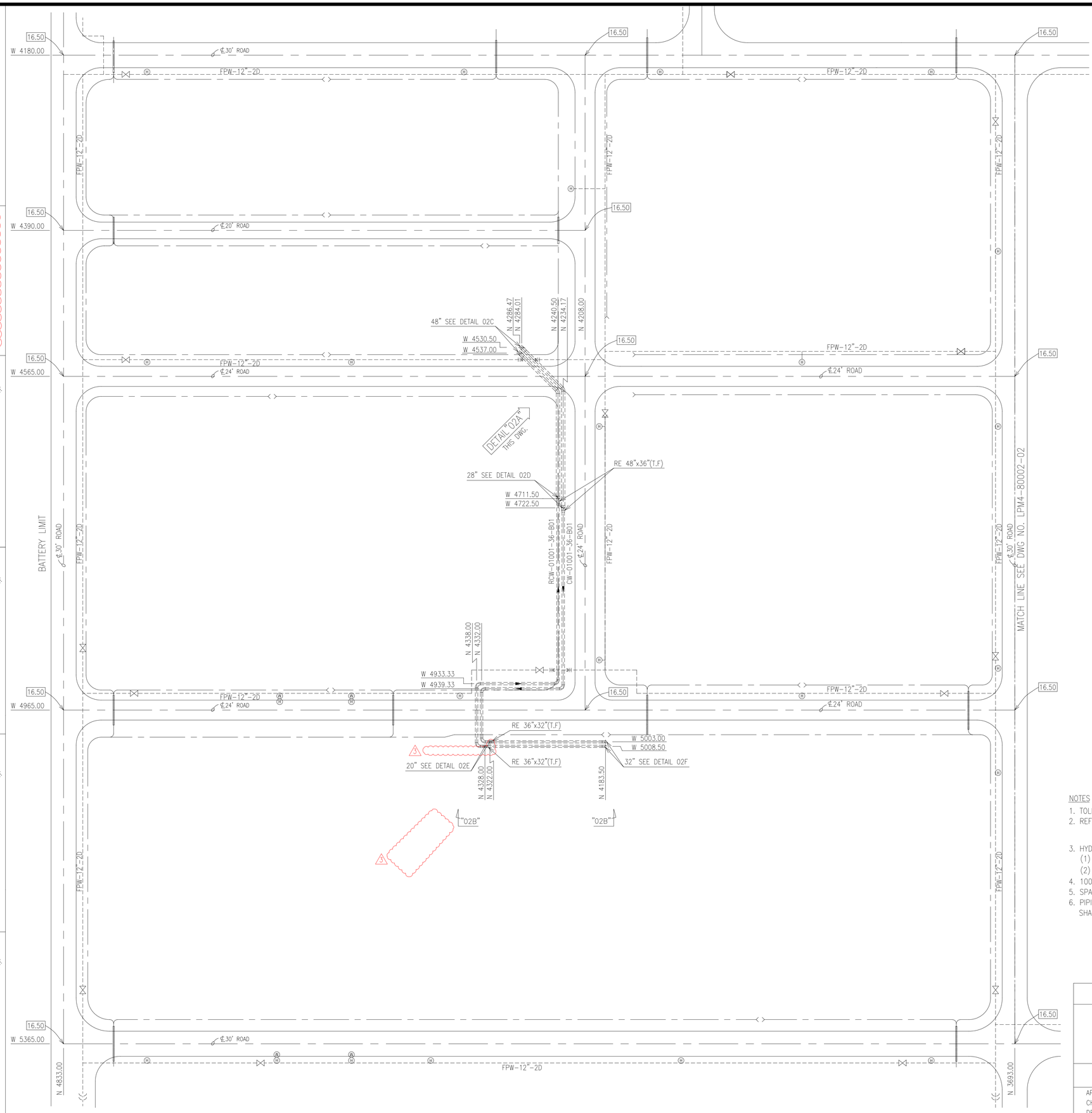
02E



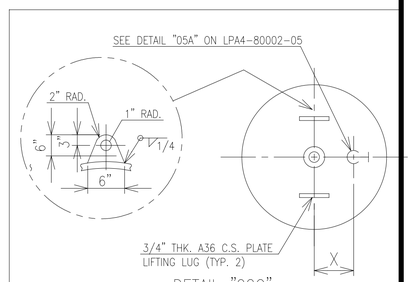
DETAIL "02F"

NTS

02F



P.N



DETAIL "02G"

LIFTING LUG DETAIL

02G

NOTES

1. TOLERANCE(⊕ MARK) IS ±1".
2. REFERENCE DWG. LPA4-80002-01
   FIRE FIGHTING
   UNDERGROUND PIPING PLAN
3. HYDROSTATIC TEST
   (1) PRESSURE : 150PSIG
   (2) HOLD TIME : 2HRS
4. 100%RT IS REQUIRED
5. SPARK TEST SHALL BE PERFORMED
6. PIPING SPEC. "B01" AND VALVE SPEC. "BT99H" "GF15E" SHALL BE PER ATTACHED SPECIFICATION SHEETS.

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
6	BACK TO REV1	J.HORIBE	Y.IZUMI	DEC.3'25
5	ROUTE CHANGE	J.HORIBE	Y.IZUMI	NOV.7'25
4	FOR CONSTRUCTION	K.TANAKA	Y.IZUMI	JUN.27'25
3	FOR BID	H.IWASAKI	Y.IZUMI	APR.07'25

SHINTECH PLAQUEMINE PLANT-4

CA PLANT-4

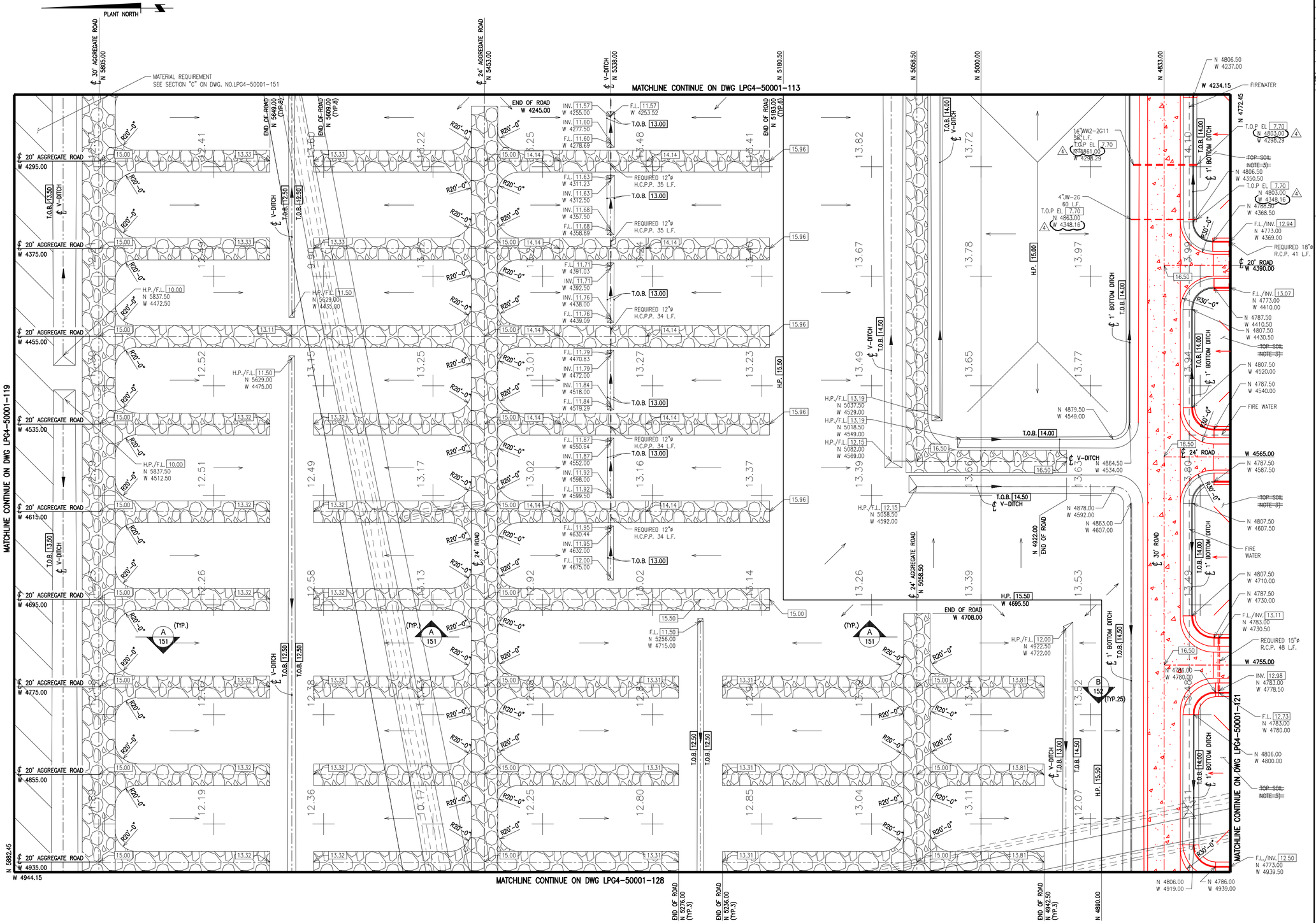
CW,RCW UNDERGROUND PIPING

PLAN

SHINTECH

APPROVED BY	K.KOYAMA	DATE	APR.07'25	SCALE	1"=60'-0"
CHECKED BY	Y.IZUMI	DWG.NO.	LPA4-80002-02		3
DRAWN BY	H.IWASAKI				

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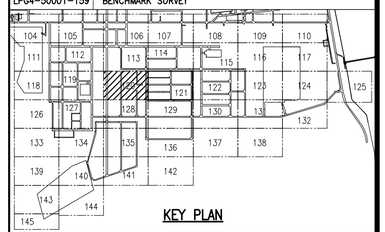
SITE PLAN 17

SCALE 1"=40'

40 0 40 80 120

SCALE IN FEET

REFERENCE DRAWINGS	
DRAWING No.	DESCRIPTION
LPG4-50001-100	GENERAL NOTES & DRAWING INDEX
LPG4-50001-103	OVERALL KEY PLAN
LPG4-50001-113	SITE DEVELOPMENT PLAN 10
LPG4-50001-119	SITE DEVELOPMENT PLAN 16
LPG4-50001-121	SITE DEVELOPMENT PLAN 18
LPG4-50001-128	SITE DEVELOPMENT PLAN 25
LPG4-50001-151	ROADWAY SECTIONS & DETAILS
LPG4-50001-152	DITCH SECTIONS & DETAILS
LPG4-50001-154	CULVERT PIPE SECTIONS & DETAILS
LPG4-50001-159	BENCHMARK SURVEY



KEY PLAN

CERTIFIED FOR CONSTRUCTION
DATE: JUL.18'25
SHINTECH

LEGEND

- INDICATES DITCH
- INDICATES SLOPE
- XX.XX INDICATES FINISH ELEVATION
- XX.X INDICATES EXISTING ELEVATION
- UNDEVELOPED AREA
- R.C.P. REINFORCED CONCRETE PIPE
- H.C.P.P. HDPE CORRUGATED PLASTIC PIPE
- C.S.P. CORRUGATED STEEL PIPE
- F.L. FLOW LINE ELEVATION (BOTTOM OF DITCH)
- INV. INVERT ELEVATION
- T.O.B. TOP OF BANK
- H.P. HIGH POINT
- INDICATES BENCHMARK
- INDICATES CRUSHED LIMESTONE
- INDICATES CONCRETE ROAD
- + or O ELEVATION OF EXISTING GRADE
- EXISTING ROAD
- EXISTING DITCH

NOTE

1) BLACK COLOR SHOW EXISTING CONFIGURATION.
2) FIRE WATER (FPW)(U/G) : SEE DWG. NO. LPG4-80002-00
3) ~~TOP SOIL TO BE 8" TH'K LIMESTABILIZED SOIL COMPACTED TO 90% MODIFIED PROCTOR~~
4) RESHAPE EXIST. FARM DITCH

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
7	REVISED AS MARKED	CEC/C3.R	N.MORI	MAY.23'25
6	REVISED AS MARKED	CEC/C3.R	N.MORI	MAR.27'25
5	CORRECTED COORDINATES OF ROAD & ELEV. OF DITCH	CSM/Y.T	I.MARUYAMA	AUG.02'24
4	CLARIFIED 18" CULVERT SCOPE OF WORK	CSM/Y.T	I.MARUYAMA	JUL.25'24
3	CONNECTED DITCHES ADDED EXISTING ROAD & DITCH	CSM/Y.T	I.MARUYAMA	JUN.07'24
2	DELETED BLDG PAD. REVISED ELEVATION OF AGGREGATE ROAD	CSM/Y.T	I.MARUYAMA	APR.22'24
1	UPDATED	CSM/Y.T	I.MARUYAMA	MAR.15'24
0				
8	REVISED AS MARKED	A.FUJITA	N.MORI	AUG.28'25

SEAL

SHINTECH PLAQUEMINE PLANT-4

SPP4 SITE DEVELOPMENT

SITE DEVELOPMENT PLAN (17)

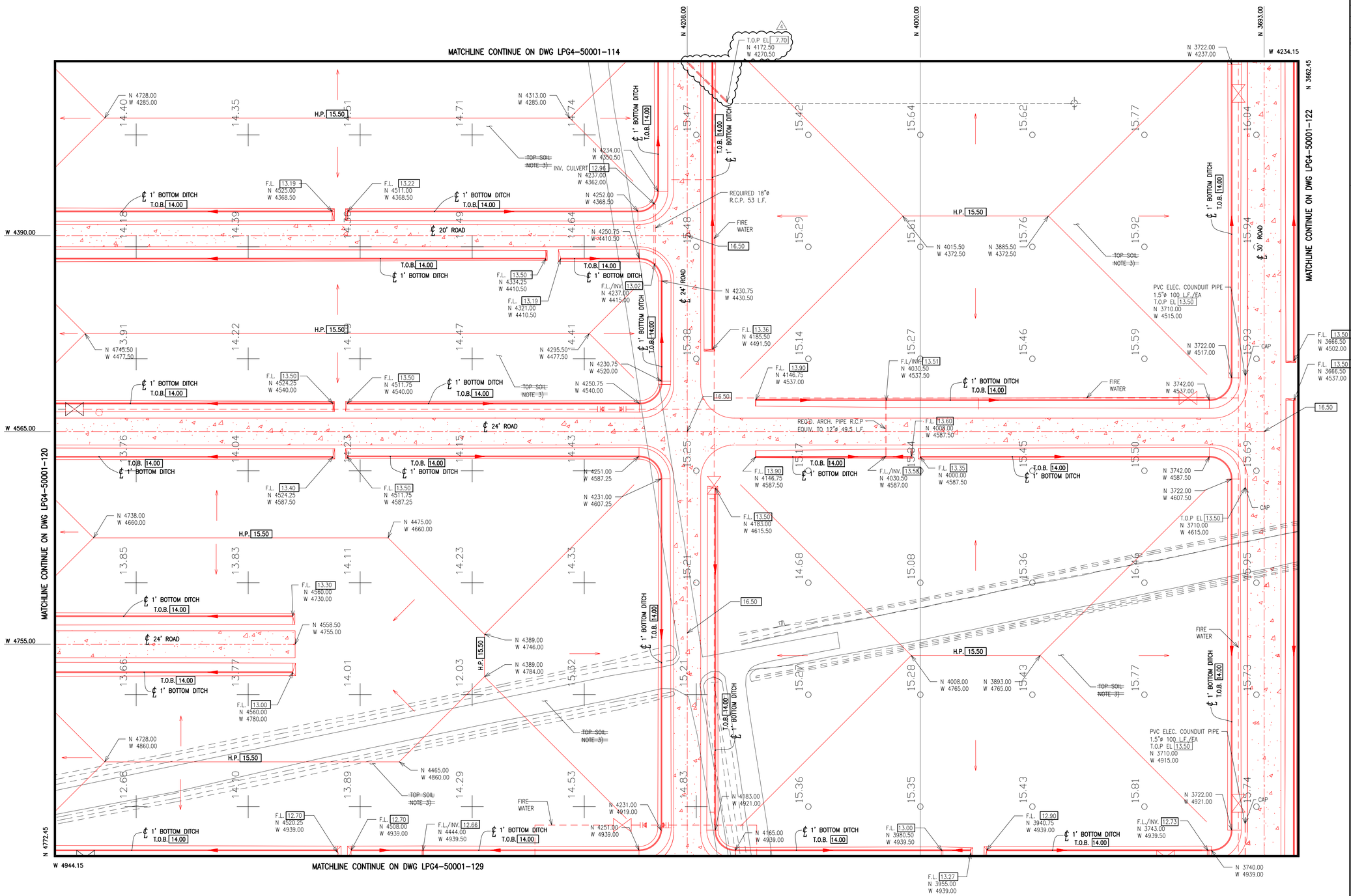
SHT 17 OF 42

SHINTECH

APPROVED BY	I.MARUYAMA	DATE	MAY.11'23	SCALE	NOTED
CHECKED BY	I.MARUYAMA	DWG.NO.	LPG4-50001-120		4
DRAWN BY	CSM/Y.T				

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PLANT NORTH



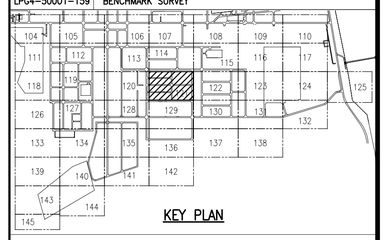
SITE PLAN 18

SCALE 1"=40'

40 0 40 80 120

SCALE IN FEET

REFERENCE DRAWINGS	
DRAWING No.	DESCRIPTION
LPG4-50001-100	GENERAL NOTES & DRAWING INDEX
LPG4-50001-103	OVERALL KEY PLAN
LPG4-50001-114	SITE DEVELOPMENT PLAN 11
LPG4-50001-120	SITE DEVELOPMENT PLAN 17
LPG4-50001-122	SITE DEVELOPMENT PLAN 19
LPG4-50001-129	SITE DEVELOPMENT PLAN 26
LPG4-50001-151	ROADWAY SECTIONS & DETAILS
LPG4-50001-152	DITCH SECTIONS & DETAILS
LPG4-50001-154	CULVERT PIPE SECTIONS & DETAILS
LPG4-50001-159	BENCHMARK SURVEY



KEY PLAN

CERTIFIED FOR CONSTRUCTION
DATE: JUL.18'25
SHINTECH

LEGEND

- INDICATES DITCH
- INDICATES SLOPE
- XX.XX INDICATES FINISH ELEVATION
- XX.X INDICATES EXISTING ELEVATION
- UNDEVELOPED AREA
- R.C.P. REINFORCED CONCRETE PIPE
- H.C.P.P. HDPE CORRUGATED PLASTIC PIPE
- C.S.P. CORRUGATED STEEL PIPE
- F.L. FLOW LINE ELEVATION (BOTTOM OF DITCH)
- INV. INVERT ELEVATION
- T.O.B. TOP OF BANK
- H.P. HIGH POINT
- INDICATES BENCHMARK
- INDICATES CRUSHED LIMESTONE
- INDICATES CONCRETE ROAD
- + or O ELEVATION OF EXISTING GRADE
- EXISTING ROAD
- EXISTING DITCH

NOTE

1) BLACK COLOR SHOW EXISTING CONFIGURATION.
2) FIRE WATER (FPW)(U/G) : SEE DWG. NO. LPG4-80002-00
3) ~~TOP SOIL TO BE 8" TH'K LIMESTABILIZED SOIL COMPACTED TO 90% MODIFIED PROCTOR~~
4) COOLING WATER (CW/RCW/FW)(U/G) : SEE DWG. NO. LPM4-80002-02 & LPA4-80002-02
5) BLDG PAD : SEE DWG. NO. LPM4-50001-01 & LPA4-50001-02

SEAL

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
7	REVISED AS MARKED	A.FUJITA	N.MORI	OCT.02'25
6	REVISED AS MARKED	CEC/C3.R	N.MORI	MAY.23'25
5	REVISED AS MARKED	CEC/C3.R	N.MORI	MAR.27'25
4	ADDED EXISTING ROAD & DITCH	CSM/Y.T	I.MARUYAMA	MAY.20'24
3	UPDATED	CSM/Y.T	I.MARUYAMA	DEC.13'23
2	UPDATED	CSM/Y.T	I.MARUYAMA	OCT.27'23
1	ORIGINAL	CSM/Y.T	I.MARUYAMA	JUN.20'23

SHINTECH PLAQUEMINE PLANT-4

SPP4 SITE DEVELOPMENT

SITE DEVELOPMENT PLAN (18)

SHT 18 OF 42

SHINTECH

APPROVED BY	I.MARUYAMA	DATE	MAY.11'23	SCALE NOTED
CHECKED BY	I.MARUYAMA	DWG.NO.	LPG4-50001-121	4
DRAWN BY	CSM/Y.T			

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PLANT NORTH

MATCHLINE CONTINUE ON DWG LPG4-50001-120

MATCHLINE CONTINUE ON DWG LPG4-50001-127

MATCHLINE CONTINUE ON DWG LPG4-50001-129

MATCHLINE CONTINUE ON DWG LPG4-50001-135

DRESS UP AREA SEE SECTION "B" ON DWG. NO.LPG4-50001-151

MATERIAL REQUIREMENT SEE SECTION "C" ON DWG. NO.LPG4-50001-151

W 4944.15

N 5882.45

¢ 30' AGGREGATE ROAD N 5805.00

¢ 24' AGGREGATE ROAD N 5453.00

¢ 24' AGGREGATE ROAD N 5058.50

N 5000.00

N 4890.00

N 4833.00

REQUIRED 24"ø R.C.P. 49.5 L.F.

¢ 20' AGGREGATE ROAD W 5015.00

¢ 20' AGGREGATE ROAD W 5095.00

¢ 20' AGGREGATE ROAD W 5175.00

¢ 20' AGGREGATE ROAD W 5255.00

END OF ROAD N 5649.00 (TYP.4)

END OF ROAD N 5609.00 (TYP.4)

END OF ROAD N 5276.00 (TYP.4)

END OF ROAD N 5236.00 (TYP.4)

END OF ROAD N 4942.50 (TYP.4)

A 151 (TYP.)

B 152 (TYP.25)

C 152 (TYP.)

¢ V-DITCH T.O.B. 12.50

¢ V-DITCH T.O.B. 13.00

¢ V-DITCH T.O.B. 14.50

¢ 1' BOTTOM DITCH

¢ 5' BOTTOM DITCH

¢ 24' ROAD

¢ 30' ROAD

¢ 1' BOTTOM DITCH T.O.B. 16.50

W 4965.00 (INV. 12.32 N 4773.00 W 4989.00)

W 5000.00

F.L. 12.09 N 4795.00 W 4995.00

N 4760.00 W 4956.00

N 4804.00 W 5017.00

TOP SOIL NOTE 3

N 4804.00 W 5310.00

MATCH TO EXIST. ROAD EL.

W 5365.00

N 4778.00 W 5336.00

N 4888.00 W 5336.00

N 4977.00 W 5418.00

N 4950.00 W 5445.00

N 4872.00 W 5445.00

N 4794.00 W 5445.00

N 4788.00 W 5445.00

N 4804.00 W 5460.80

REQUIRED (2) 42"ø R.C.P. 90 L.F. HOLD

FIRE WATER

RIPRAP SEE DWG.LPG4-50001-154 "C154B"

RIPRAP SEE DWG.LPG4-50001-154 "C154C"

MATERIAL REQUIREMENT SEE SECTION "C" ON DWG. NO.LPG4-50001-151

N 5860.00 W 5332.50

N 5837.50 W 5310.00

H.P./F.L. 10.43 N 5740.00 W 5336.00

F.L./INV. 10.40 N 5720.00 W 5336.00

F.L. 10.50 N 5629.00 W 5336.00

F.L. 10.64 N 5629.00 W 5335.15

F.L. 10.63 N 5495.00 W 5336.00

INV. 10.63 N 5497.00 W 5336.00

F.L. 10.74 N 5411.00 W 5336.00

INV. 10.74 N 5409.00 W 5336.00

F.L. 10.88 N 5256.00 W 5336.00

F.L. 10.88 N 5256.00 W 5335.50

H.P./F.L. 11.03 N 5100.50 W 5336.00

H.P./F.L. 11.11 N 5008.50 W 5336.00

F.L. 11.38 N 4922.50 W 5335.00

F.L./INV. 11.10 N 5000.00 W 5336.00

F.L. 11.18 N 4922.50 W 5336.00

F.L. 6.52 N 5848.00 W 5418.00

INV. 6.52 N 5850.00 W 5418.00

T.O.B. 12.00 REQUIRED (2) 42"ø R.C.P. 90 L.F.

INV. 6.62 N 5760.00 W 5418.00

F.L. 6.62 N 5762.00 W 5418.00

INV. 10.27 N 5720.00 W 5408.00

F.L. 6.66 N 5720.00 W 5418.00

INV. 9.21 N 5475.00 W 5477.00

F.L. 9.21 W 5477.00

F.L. 6.76 N 5629.00 W 5418.00

F.L. 9.16 W 5526.50

REQUIRED 18"ø H.C.P.P. 46 L.F.

F.L. 9.26 W 5519.00

INV. 9.26 W 5521.00

F.L. 7.17 N 5256.00 W 5418.00

F.L. 9.29 N 5425.80

INV. 9.34 W 5476.00

F.L. 9.34 W 5477.50

REQUIRED 18"ø H.C.P.P. 44 L.F.

F.L. 9.38 W 5518.50

INV. 9.38 W 5520.00

INV. 10.98 N 5000.00 W 5408.00

F.L. 7.43 N 5000.00 W 5418.00

INV. 7.60 N 4878.00 W 5445.00

F.L. 7.61 N 4872.00 W 5445.00

F.L. 8.61 N 4870.00 W 5450.00

F.L. 7.70 N 4794.00 W 5445.00

INV. 7.71 N 4788.00 W 5445.00

F.L. 13.06 N 4804.00 W 5460.80

N 5805.00 W 5565.00

N 5453.00 W 5600.00

N 5058.50 W 5625.00

N 4772.45

W 5654.15

REQUIRED 24"ø R.C.P. 72 L.F.

REQUIRED 18"ø H.C.P.P. 88 L.F.

REQUIRED 24"ø R.C.P. 72 L.F.

RIPRAP SEE DWG.LPG4-50001-154 "C154C"

RIPRAP SEE DWG.LPG4-50001-154 "C154B"

FIRE WATER

¢ V-DITCH N 5629.00

¢ V-DITCH N 5256.00

SITE PLAN 25

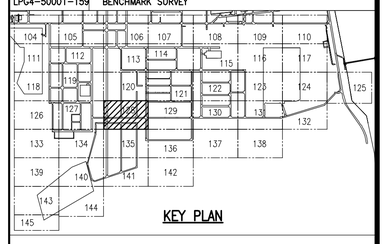
SCALE 1"=40'

40 0 40 80 120

SCALE IN FEET

REFERENCE DRAWINGS

DRAWING No.	DESCRIPTION
LPG4-50001-100	GENERAL NOTES & DRAWING INDEX
LPG4-50001-103	OVERALL KEY PLAN
LPG4-50001-120	SITE DEVELOPMENT PLAN 17
LPG4-50001-127	SITE DEVELOPMENT PLAN 24
LPG4-50001-129	SITE DEVELOPMENT PLAN 26
LPG4-50001-135	SITE DEVELOPMENT PLAN 32
LPG4-50001-151	ROADWAY SECTIONS & DETAILS
LPG4-50001-152	DITCH SECTIONS & DETAILS
LPG4-50001-154	CULVERT PIPE SECTIONS & DETAILS
LPG4-50001-159	BENCHMARK SURVEY



KEY PLAN

CERTIFIED FOR CONSTRUCTION
DATE: JUL.18'25
SHINTECH

LEGEND

- INDICATES DITCH
- INDICATES SLOPE
- XX.XX INDICATES FINISH ELEVATION
- XX.X INDICATES EXISTING ELEVATION
- UNDEVELOPED AREA
- R.C.P. REINFORCED CONCRETE PIPE
- H.C.P.P. HDPE CORRUGATED PLASTIC PIPE
- C.S.P. CORRUGATED STEEL PIPE
- F.L. FLOW LINE ELEVATION (BOTTOM OF DITCH)
- INV. INVERT ELEVATION
- T.O.B. TOP OF BANK
- H.P. HIGH POINT
- INDICATES BENCHMARK
- INDICATES CRUSHED LIMESTONE
- INDICATES CONCRETE ROAD
- + or O ELEVATION OF EXISTING GRADE
- EXISTING ROAD
- EXISTING DITCH

NOTE

1) BLACK COLOR SHOW EXISTING CONFIGURATION.
2) FIRE WATER (FPW)(U/G) : SEE DWG. NO. LPG4-80002-00 2
3) ~~TOP SOIL TO BE 8" TH'K LIMESTABILIZED SOIL COMPACTED TO 90% MODIFIED PROCTOR~~

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
4	REVISED AS MARKED	CEC/C3.R	N.MORI	MAY.23'25
3	REVISED AS MARKED	CEC/C3.R	N.MORI	MAR.27'25
2	CORRECTED LENGTH OF CULVERT (104 L.F. TO 88 L.F.) CORRECTED COORDINATE OF DITCH	CSM/Y.T	I.MARUYAMA	AUG.02'24
1	CLARIFIED 18" CULVERT SCOPE OF WORK	CSM/Y.T	I.MARUYAMA	JUL.25'24
0	CONNECTED DITCHES DELETED AGGREGATE ROAD & ADDED EXISTING ROAD & DITCH	CSM/Y.T	I.MARUYAMA	JUN.07'24
A	INCORPORATED CLARIFICATION SHEET No.22. REVISED ELEVATION OF AGGREGATE ROAD	CSM/Y.T	I.MARUYAMA	APR.22'24
5	UPDATED	CSM/Y.T	I.MARUYAMA	MAR.15'24
4	UPDATED	CSM/Y.T	I.MARUYAMA	DEC.05'23
3	ORIGINAL	CSM/Y.T	I.MARUYAMA	JUL.11'23

SEAL

SHINTECH PLAQUEMINE PLANT-4

SPP4 SITE DEVELOPMENT

SITE DEVELOPMENT PLAN (25)

SHT 25 OF 42

SHINTECH

APPROVED BY	I.MARUYAMA	DATE	MAY.15'23	SCALE	NOTED
CHECKED BY	I.MARUYAMA	DWG.NO.	LPG4-50001-128		3
DRAWN BY	CSM/Y.T				

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PLANT NORTH

MATCHLINE CONTINUE ON DWG LPG4-50001-121

MATCHLINE CONTINUE ON DWG LPG4-50001-128

MATCHLINE CONTINUE ON DWG LPG4-50001-130

MATCHLINE CONTINUE ON DWG LPG4-50001-136

W 4965.00 / W 5000.00 / W 5365.00 / W 5654.15 / N 4772.45

N 4208.00 / N 4000.00 / N 3893.00 / W 4944.15 / N 3662.45

REQUIRED 18"ø R.C.P. 49.5 L.F.

REQUIRED 15"ø R.C.P. 49.5 L.F.

REQUIRED 18"ø R.C.P. 49.5 L.F.

℄ 24' ROAD

℄ 1' BOTTOM DITCH

℄ 30' ROAD

℄ 5' BOTTOM DITCH

℄ V-DITCH

INV. 12.50 N 4444.00 W 4989.00

F.L. 12.41 N 4444.00 W 4995.00

H.P./F.L. 12.66 N 4191.25 W 4995.00

H.P./F.L. 12.90 N 4175.00 W 4995.00

F.L. 12.66 N 3980.50 W 4995.00

INV. 12.81 N 3980.50 W 4989.00

INV. 12.53 N 3743.00 W 4989.00

F.L. 12.37 N 3743.00 W 4989.00

N 3740.00 W 4995.00

N 3723.00 W 5012.00

PVC ELEC. COUNDUIT PIPE 1.5"ø 100 L.F./EA T.O.P EL 13.50 N 3710.00 W 5015.00

R30'-0"

R40'-0"

R40'-0"

FIRE WATER

TOP SOIL NOTE 3)

N 3893.00 W 5165.00

N 4633.00 W 5165.00

H.P. 15.50

F.L./INV. 11.69 N 4751.00 W 5336.50

F.L. 12.45 N 4007.25 W 5336.00

F.L. 12.32 N 3988.50 W 5336.75

F.L./INV. 11.90 N 3758.00 W 5337.25

N 3723.00 W 5310.75

N 3749.00 W 5336.75

N 3666.50 W 5311.50

REQUIRED 30"ø R.C.P. 102 L.F.

REQUIRED 30"ø R.C.P. 102 L.F.

RIPRAP SEE DWG.LPG4-50001-154 "C154C"

INV. 11.27 N 4751.00 W 5438.50

F.L. 7.74 N 4751.00 W 5445.00

INV. 11.68 N 3758.00 W 5438.75

RIPRAP SEE DWG.LPG4-50001-154 "C154B"

REQUIRED (2) 42"ø R.C.P. 80 L.F.

HOLD

F.L. 8.10 N 4426.00 W 5445.00

F.L. 15.31 N 4426.00 W 5465.53

F.L. 8.16 N 4372.00 W 5445.00

F.L. 15.31 N 4372.00 W 5465.38

F.L. 8.83 N 3758.00 W 5445.00

INV. 8.88 N 3733.00 W 5445.00

F.L. 8.88 N 3729.00 W 5445.00

F.L. 13.06 N 3722.00 W 5459.75

N 4399.00 W 5493.00

N 4613.50 W 5653.52

H.P. 17.00

T.O.B. 14.00 / T.O.B. 15.00 / T.O.B. 16.50

16.50

IOP SOIL NOTE 3)

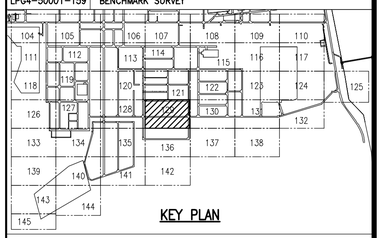
SITE PLAN 26

SCALE 1"=40'

40 0 40 80 120

SCALE IN FEET

REFERENCE DRAWINGS	
DRAWING No.	DESCRIPTION
LPG4-50001-100	GENERAL NOTES & DRAWING INDEX
LPG4-50001-103	OVERALL KEY PLAN
LPG4-50001-121	SITE DEVELOPMENT PLAN 18
LPG4-50001-128	SITE DEVELOPMENT PLAN 25
LPG4-50001-130	SITE DEVELOPMENT PLAN 27
LPG4-50001-136	SITE DEVELOPMENT PLAN 33
LPG4-50001-151	ROADWAY SECTIONS & DETAILS
LPG4-50001-152	DITCH SECTIONS & DETAILS
LPG4-50001-154	CULVERT PIPE SECTIONS & DETAILS
LPG4-50001-159	BENCHMARK SURVEY



KEY PLAN

CERTIFIED FOR CONSTRUCTION
DATE: JUL.18'25
SHINTECH

LEGEND

- INDICATES DITCH
- INDICATES SLOPE
- XX.XX INDICATES FINISH ELEVATION
- XX.X INDICATES EXISTING ELEVATION
- UNDEVELOPED AREA
- R.C.P. REINFORCED CONCRETE PIPE
- H.C.P.P. HDPE CORRUGATED PLASTIC PIPE
- C.S.P. CORRUGATED STEEL PIPE
- F.L. FLOW LINE ELEVATION (BOTTOM OF DITCH)
- INV. INVERT ELEVATION
- T.O.B. TOP OF BANK
- H.P. HIGH POINT
- INDICATES BENCHMARK
- INDICATES CRUSHED LIMESTONE
- INDICATES CONCRETE ROAD
- + or O ELEVATION OF EXISTING GRADE
- EXISTING ROAD
- EXISTING DITCH

NOTE

1) BLACK COLOR SHOW EXISTING CONFIGURATION.
2) FIRE WATER (FPW)(U/G) : SEE DWG. NO. LPG4-80002-00 △2
3) ~~TOP SOIL TO BE 8" THK. LIMESTABILIZED SOIL COMPACTED TO 90% MODIFIED PROCTOR~~
4) COOLING WATER (CW/RCW/FW)(U/G) : SEE DWG. NO. LPM4-80002-02 & LPA4-80002-02
5) BLDG PAD : SEE DWG. NO. LPM4-50001-01 & LPA4-50001-02

SEAL

REV.NO.	DESCRIPTION	DRAWN	CHECKED	DATE
△3	REVISED AS MARKED	CEC/C3.R	N.MORI	MAY.23'25
△2	REVISED AS MARKED	CEC/C3.R	N.MORI	MAR.27'25
△1	UPDATED CULVERT LENGTH	CSM/Y.T	I.MARUYAMA	JUL.18'24
△A	ADDED EXISTING ROAD & DITCH	CSM/Y.T	I.MARUYAMA	JUN.10'24
△B	INCORPORATED CLARIFICATION SHEET No.22.	CSM/Y.T	I.MARUYAMA	APR.22'24
△1	UPDATED	CSM/Y.T	I.MARUYAMA	MAR.15'24
△1	UPDATED	CSM/Y.T	I.MARUYAMA	DEC.05'23
△1	ORIGINAL	CSM/Y.T	I.MARUYAMA	JUN.20'23

SHINTECH PLAQUEMINE PLANT-4

SPP4 SITE DEVELOPMENT

SITE DEVELOPMENT PLAN (26)

SHT 26 OF 42

SHINTECH

APPROVED BY I.MARUYAMA	DATE	MAY.16'23	SCALE	NOTED
CHECKED BY I.MARUYAMA	DWG.NO.	LPG4-50001-129		△3
DRAWN BY CSM/Y.T				

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