175' OF 1" CONDUIT TO SOURCE OF POWER

F. & I. COPPER GAUGE LINE (CONNECT TO EXISTING LINE)
(ALL EXISTING PIPING TO BE EXCAVATED & EXPOSED BY RAMSEY COUNTY)

EXISTING BLDG.

F. & I. 2" VENT PIPE & CAPS 2' ABOVE ROOF LINE

2" VENT PIPE & CAPS 2' ABOVE ROOF LINE

FUSE BOX & SWITCH

5'

REMOVE & REPLACE 16 L.F. C. & G. BY RAMSEY COUNTY.

GAS 5M 6' x 24'

11.5'

CONCRETE CURB

ALL EXCAVATION, SURFACE REMOVAL & BACKFILL & ALL RESTORATION WORK BY RAMSEY CO.
ALL ELECTRICAL WORK BY VENDOR.

100.20

F. & I. 4" FILL

FURNISH & TEST 10 M GAS TANK TO BE PLACED BY RAMSEY CO. (MIN. COVER 2'-6")
ALL PIPING BY VENDER

100.20

4" FILL

4 - 1/4" COPPER TUBES FOR GAUGES (120' TO GAUGE LOCATIONS)

SCALE 1" = 10'

INP. 1 1/2" SUCTION WITH 6" CAST IRON CASEING (ABANDON LINE)

INP. 6" REINFORCED CONC. SLAB

22.5'

25'

3' x 3' CONC. SURFACE TO BE REMOVED & REPLACED BY RAMSEY CO.

3'

25' x 16' x 6" THICK CONC. SLAB BY RAMSEY CO.

100.01

99.97

2'

23'

3'

30'

-62'

F. & I. GAS PUMP (SEE SPECIFICATION SHEET)

F. & I. 1 1/2" SUCTION LINE

2 EXISTING GAS PUMPS

BITUMINOUS SURFACE

CONC. PUMP ISLAND

2" RIGID METALLIC CONDUIT FOR ELEC. SERVICE

42'

1-12' RPB BASE MOUNTED POLE WITH 2-6' FLUORESCENT FIXTURES ON EACH PUMP ISLAND

1" R.M.C. FOR INTERCOM

2 BENNETT 2788-D GAS PUMPS

30'

23'

3'

1 BENNETT 2788-D DIESEL PUMP

99.69

99.58

6" REINFORCED CONC. SLAB

3'

25'

21'

1 1/2" SUCTION WITH 6" CAST IRON CASING

INPLACE CONCRETE ISLAND & B-618 C&G.

INPLACE FENCE

4" FILL

4" FILL

99.50

99.35

EXISTING 6M DIESEL TANK 8' x 16'

DIESEL

GAS 5M 6' x 24'

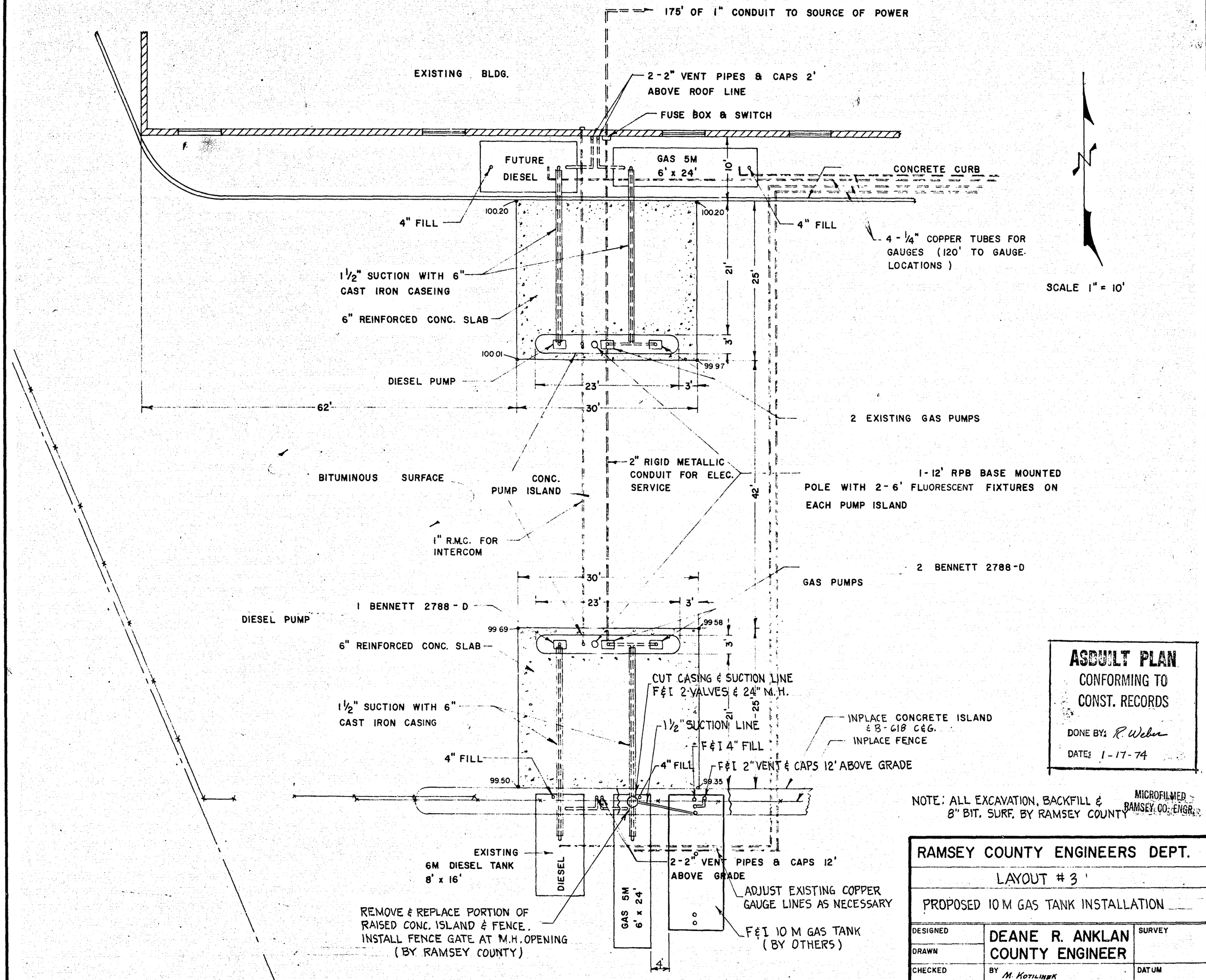
2-2" VENT PIPES & CAPS 12' ABOVE GRADE

4'

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
PROPOSED 10 M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE 8-4-76	FILE

4-125



ASBUILT PLAN
CONFORMING TO CONST. RECORDS
DONE BY: R. Weber
DATE: 1-17-74

NOTE: ALL EXCAVATION, BACKFILL & 8" BIT. SURF. BY RAMSEY COUNTY

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
LAYOUT # 3		
PROPOSED 10 M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE: 12-18-73	FILE

175' OF 1" CONDUIT TO SOURCE OF POWER

EXISTING BLDG.

2 - 2" VENT PIPES & CAPS 2' ABOVE ROOF LINE

FUSE BOX & SWITCH

FUTURE DIESEL

GAS 5M 6' x 24'

10'

CONCRETE CURB

100.20

100.20

4" FILL

4" FILL

4 - 1/4" COPPER TUBES FOR GAUGES (120' TO GAUGE LOCATIONS)

SCALE 1" = 10'

1 1/2" SUCTION WITH 6" CAST IRON CASEING

6" REINFORCED CONC. SLAB

21'

25'

3'

100.01

99.97

DIESEL PUMP

23'

3'

62'

30'

2 EXISTING GAS PUMPS

BITUMINOUS SURFACE

CONC. PUMP ISLAND

2" RIGID METALLIC CONDUIT FOR ELEC. SERVICE

42'

1 - 12' RPB BASE MOUNTED POLE WITH 2 - 6' FLUORESCENT FIXTURES ON EACH PUMP ISLAND

1" R.M.C. FOR INTERCOM

2 BENNETT 2788-D GAS PUMPS

30'

23'

3'

1 BENNETT 2788 - D

DIESEL PUMP

99.69

99.58

6" REINFORCED CONC. SLAB

3'

CUT CASING & SUCTION LINE F&I 2 VALVES & 24" M.H.

1 1/2" SUCTION WITH 6" CAST IRON CASING

21'

25'

1 1/2" SUCTION LINE

INPLACE CONCRETE ISLAND & B-618 C&G.

INPLACE FENCE

F&I 4" FILL

4" FILL

4" FILL

F&I 2" VENT & CAPS 12' ABOVE GRADE

99.50

99.35

EXISTING 6M DIESEL TANK 8' x 16'

DIESEL

GAS 5M 6' x 24'

2 - 2" VENT PIPES & CAPS 12' ABOVE GRADE

ADJUST EXISTING COPPER GAUGE LINES AS NECESSARY

F&I 10 M GAS TANK (BY OTHERS)

REMOVE & REPLACE PORTION OF RAISED CONC. ISLAND & FENCE. INSTALL FENCE GATE AT M.H. OPENING (BY RAMSEY COUNTY)

4'

MICROFILMED RAMSEY CO. ENGR.

ASBUILT PLAN
CONFORMING TO CONST. RECORDS
DONE BY: R. Weber
DATE: 1-17-74

NOTE: ALL EXCAVATION, BACKFILL & 8" BIT. SURF. BY RAMSEY COUNTY

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
LAYOUT # 3		
PROPOSED 10 M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE: 12-18-73	FILE

4-125

175' OF 1" CONDUIT TO SOURCE OF POWER

EXISTING BLDG.

2 - 2" VENT PIPES & CAPS 2' ABOVE ROOF LINE

FUSE BOX & SWITCH

FUTURE DIESEL

GAS 5M 6' x 24'

10'

CONCRETE CURB

100.20

100.20

4" FILL

4" FILL

4 - ¼" COPPER TUBES FOR GAUGES (120' TO GAUGE LOCATIONS)

SCALE 1" = 10'

1½" SUCTION WITH 6" CAST IRON CASEING

6" REINFORCED CONC. SLAB

21'

25'

3'

100.01

99.97

DIESEL PUMP

23'

3'

62'

30'

2 EXISTING GAS PUMPS

BITUMINOUS SURFACE

CONC. PUMP ISLAND

2" RIGID METALLIC CONDUIT FOR ELEC. SERVICE

42'

1 - 12' RPB BASE MOUNTED POLE WITH 2 - 6' FLUORESCENT FIXTURES ON EACH PUMP ISLAND

1" R.M.C. FOR INTERCOM

2 BENNETT 2788-D GAS PUMPS

30'

23'

3'

1 BENNETT 2788 - D DIESEL PUMP

99.69

99.58

6" REINFORCED CONC. SLAB

3'

1½" SUCTION WITH 6" CAST IRON CASING

21'

25'

CUT CASING & SUCTION LINE F&I 2 VALVES & 24" M.H.

CONCRETE ISLAND

FENCE

4" FILL

4" FILL

F&I 2" VENT & CAPS 12' ABOVE GRADE

F&I 4" FILL

99.50

99.35

NOT BUILT SEE ALT. #3

NOTE: ALL EXCAVATION, BACKFILL & 8" BIT. SURF. BY RAMSEY COUNTY

INSTALL FENCE GATE FOR FILL ACCESS (BY RAMSEY COUNTY)

EXISTING 6M DIESEL TANK 8' x 16'

DIESEL

1½" SUCTION LINE

2 - 2" VENT PIPES & CAPS 12' ABOVE GRADE

GAS 5M 6' x 24'

ADJUST EXISTING COPPER GAUGE LINES AS NECESSARY

F&I 10 M GAS TANK (BY OTHERS)

3'

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
LAYOUT # 2		
PROPOSED 10M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE: 12-18-73	FILE

175' OF 1" CONDUIT TO SOURCE OF POWER

EXISTING BLDG.

2 - 2" VENT PIPES & CAPS 2' ABOVE ROOF LINE

FUSE BOX & SWITCH

FUTURE DIESEL

GAS 5M 6' x 24'

10'

CONCRETE CURB

100.20

100.20

4" FILL

4" FILL

4 - ¼" COPPER TUBES FOR GAUGES (120' TO GAUGE LOCATIONS)

SCALE 1" = 10'

1½" SUCTION WITH 6" CAST IRON CASEING

6" REINFORCED CONC. SLAB

21'

25'

3'

100.01

99.97

DIESEL PUMP

23'

3'

62'

30'

2 EXISTING GAS PUMPS

BITUMINOUS SURFACE

CONC. PUMP ISLAND

2" RIGID METALLIC CONDUIT FOR ELEC. SERVICE

42'

1 - 12' RPB BASE MOUNTED POLE WITH 2 - 6' FLUORESCENT FIXTURES ON EACH PUMP ISLAND

1" R.M.C. FOR INTERCOM

2 BENNETT 2788-D GAS PUMPS

30'

23'

3'

1 BENNETT 2788 - D DIESEL PUMP

99.69

99.58

6" REINFORCED CONC. SLAB

3'

21'

CUT CASING & SUCTION LINE F & I 2 VALVES & 24" M.H.

1½" SUCTION WITH 6" CAST IRON CASING

F & I 4" FILL

INPLACE CONCRETE ISLAND & B-618 C.&G.

INPLACE FENCE

F & I 2" VENT & CAPS 12' ABOVE GRADE

4" FILL

4" FILL

99.50

99.35

VENT LINE

1½" SUCTION LINE (TUNNEL UNDER B-618 C&G.)

NOT BUILT SEE ALT. #3

NOTE: ALL EXCAVATION, BACKFILL & 8" BIT. SURF. BY RAMSEY COUNTY

EXISTING 6M DIESEL TANK 8' x 16'

DIESEL

GAS 5M 6' x 24'

2 - 2" VENT PIPES & CAPS 12' ABOVE GRADE

ADJUST EXISTING COPPER GAUGE LINES AS NECESSARY

REMOVE & REPLACE PORTION OF RAISED CONC. ISLAND & FENCE. INSTALL FENCE GATE AT M.H. OPENING (BY RAMSEY COUNTY)

F & I 10 M GAS TANK (BY OTHERS)

3'

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
LAYOUT #1		
PROPOSED 10M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE: 12-18-73	FILE

175' OF 1" CONDUIT TO SOURCE OF POWER

EXISTING BLDG.

2 - 2" VENT PIPES & CAPS 2' ABOVE ROOF LINE

FUSE BOX & SWITCH

FUTURE DIESEL

GAS 5M 6' x 24'

10'

CONCRETE CURB

100.20

100.20

4" FILL

4" FILL

4 - 1/4" COPPER TUBES FOR GAUGES (120' TO GAUGE. LOCATIONS)

SCALE 1" = 10'

1 1/2" SUCTION WITH 6" CAST IRON CASEING

6" REINFORCED CONC. SLAB

21'

25'

3'

100.01

99.97

DIESEL PUMP

23'

3'

62'

30'

2 EXISTING GAS PUMPS

BITUMINOUS SURFACE

CONC. PUMP ISLAND

2" RIGID METALLIC CONDUIT FOR ELEC. SERVICE

42'

1 - 12' RPB BASE MOUNTED POLE WITH 2 - 6' FLUORESCENT FIXTURES ON EACH PUMP ISLAND

1" R.M.C. FOR INTERCOM

2 BENNETT 2788-D GAS PUMPS

30'

23'

3'

1 BENNETT 2788 - D DIESEL PUMP

99.69

99.58

6" REINFORCED CONC. SLAB

3'

1 1/2" SUCTION WITH 6" CAST IRON CASING

CUT CASING & SUCTION LINE F & I 2 VALVES & 24" M.H.

21'

25'

INPLACE CONCRETE ISLAND & B-618 C.&G.

INPLACE FENCE

F & I - 4" FILL

F & I 2" VENT & CAPS 12' ABOVE GRADE

4" FILL

4" FILL

99.50

99.35

VENT LINE

1 1/2" SUCTION LINE (TUNNEL UNDER B-618 C&G.)

EXISTING 6M DIESEL TANK 8' x 16'

DIESEL

2 - 2" VENT PIPES & CAPS 12' ABOVE GRADE

ADJUST EXISTING COPPER GAUGE LINES AS NECESSARY

GAS 5M 6' x 24'

F & I 10 M GAS TANK (BY OTHERS)

REMOVE & REPLACE PORTION OF RAISED CONC. ISLAND & FENCE. INSTALL FENCE GATE AT M.H. OPENING (BY RAMSEY COUNTY)

3'

NOT BUILT SEE ALT. #3

NOTE: ALL EXCAVATION, BACKFILL & 8" BIT. SURF. BY RAMSEY COUNTY

MICROFILMED RAMSEY CO. ENGR.

RAMSEY COUNTY ENGINEERS DEPT.		
LAYOUT #1		
PROPOSED 10M GAS TANK INSTALLATION		
DESIGNED	DEANE R. ANKLAN COUNTY ENGINEER	SURVEY
DRAWN		
CHECKED	BY M. KOTILINEK	DATUM
REVISED	DATE: 12-18-73	FILE