

- NOTES:**
- LOGS OF BORINGS, TEST PITS, AND PROBES ARE SHOWN SH 21 THRU 26.
 - TEST PITS DUG 26 APRIL 1979 WITH JOHN DEER 450 BACKHOE.
 - BORINGS DRILLED 30 APRIL TO 2 MAY 1979 WITH A HOLLOW STEM AUGER FROM A TRUCK MOUNTED DRILL-RIG.
 - OBSERVATION WELLS DRILLED FROM 18 TO 20 SEPTEMBER 1979.
 - DUTCH CONE PROBES DONE 20 TO 28 AUGUST 1979 USING A BEGEMAN TYPE DUTCH CONE PUSHED BY A 10-TON HYDRAULIC UNIT.
 - SCRAPER TEST EXCAVATION DATA IS AVAILABLE FOR INSPECTION AT THE ENGINEERS OFFICE.
 - LOGS OF OBSERVATION WELLS ARE AVAILABLE FOR INSPECTION AT THE ENGINEERS OFFICE.
 - LOCATION OF WELLS, BORINGS, TEST PITS MADE BY OTHERS ARE NOT SHOWN. SUBSURFACE INFORMATION OBTAINED BY OTHERS IS AVAILABLE FOR INSPECTION AT THE ENGINEERS OFFICE.



CH2M HILL

DES. RDL
DR. ALR
CHK. RASL
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

1/4 SECTION
FILE NUMBER
JOB NUMBER

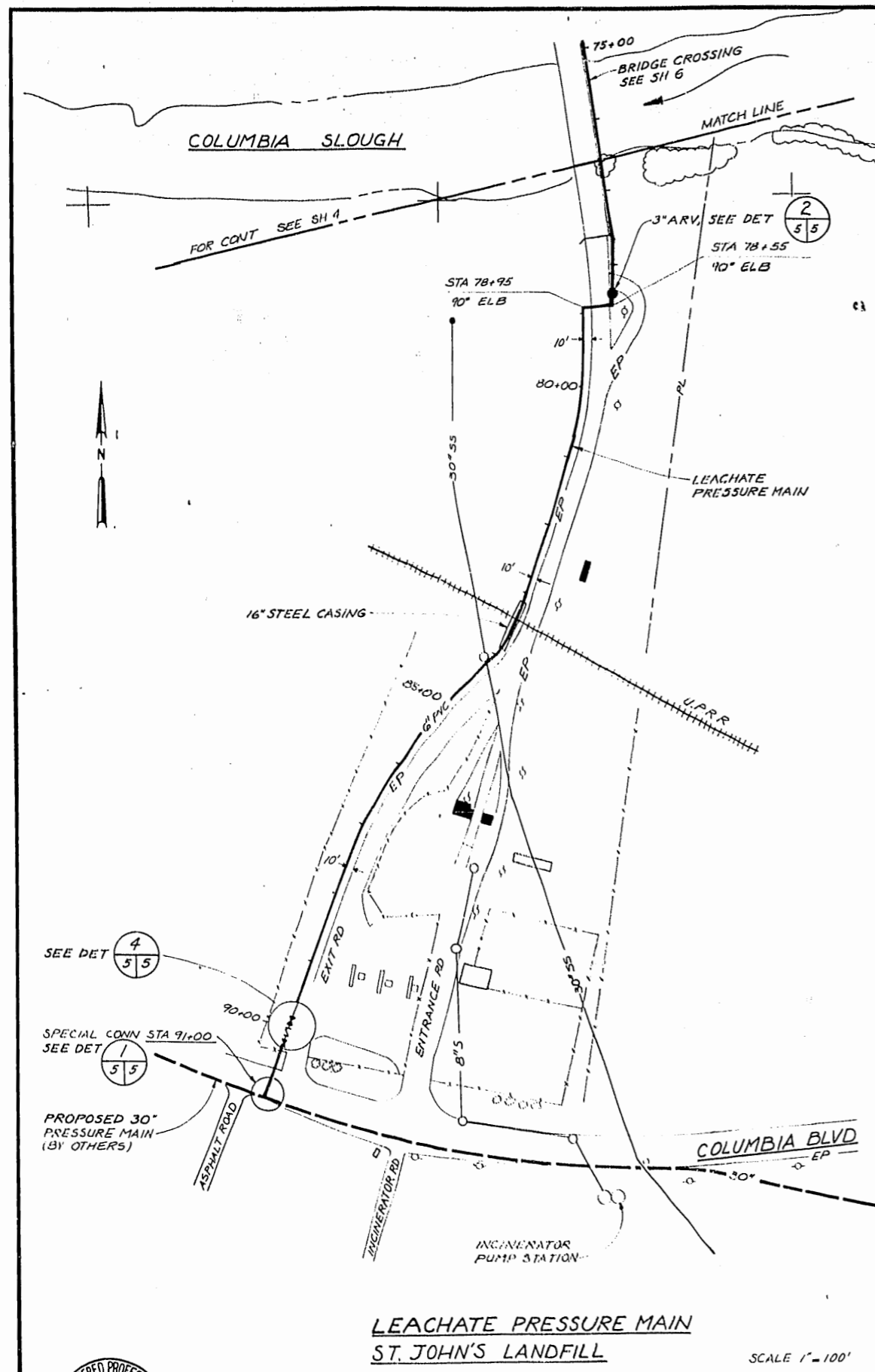
OFFICE OF CITY ENGINEER
APPROVED: *[Signature]*
CHIEF, BUREAU SANITARY
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ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG
JOHN LANG
COMMISSIONER
ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SITE PLAN AT 1"=100'
PRESSURE MAIN PLAN 44+50 TO 75+00
BORING & TEST PIT LOCATIONS

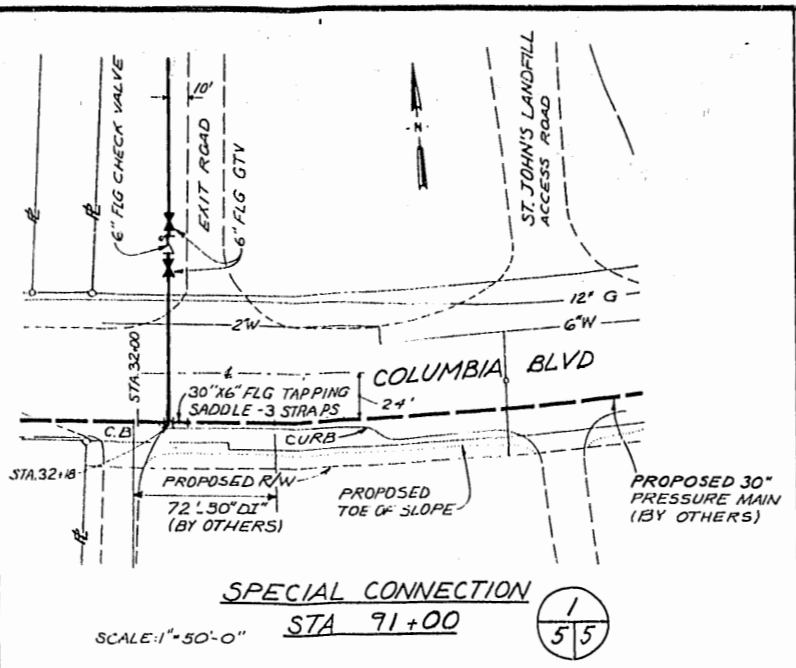
SHEET 4
OF 28
DATE APR. 1980
DWG. NO. P12717.A1

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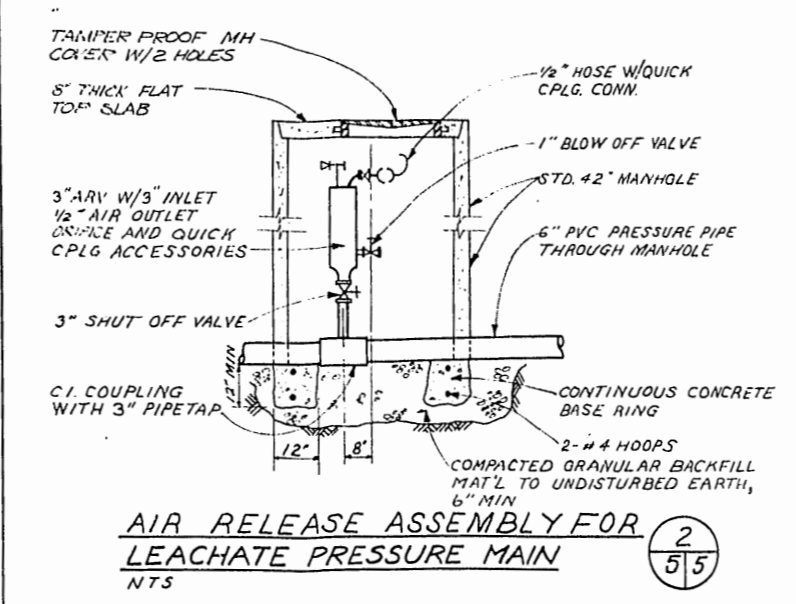
**LEACHATE PRESSURE MAIN
ST. JOHN'S LANDFILL**

SCALE 1" = 100'



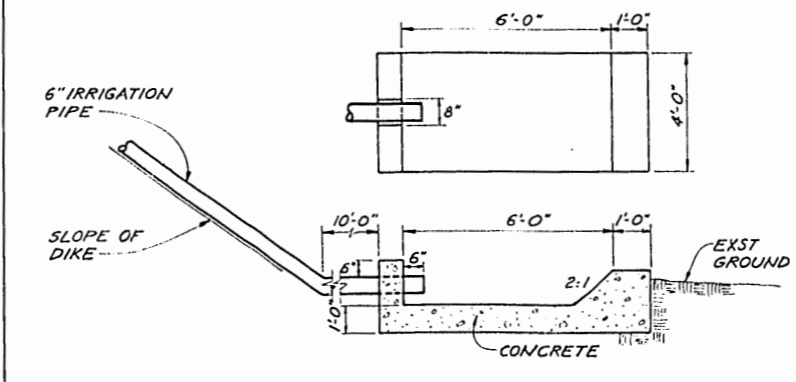
**SPECIAL CONNECTION
STA 91+00**

SCALE: 1" = 50'-0"



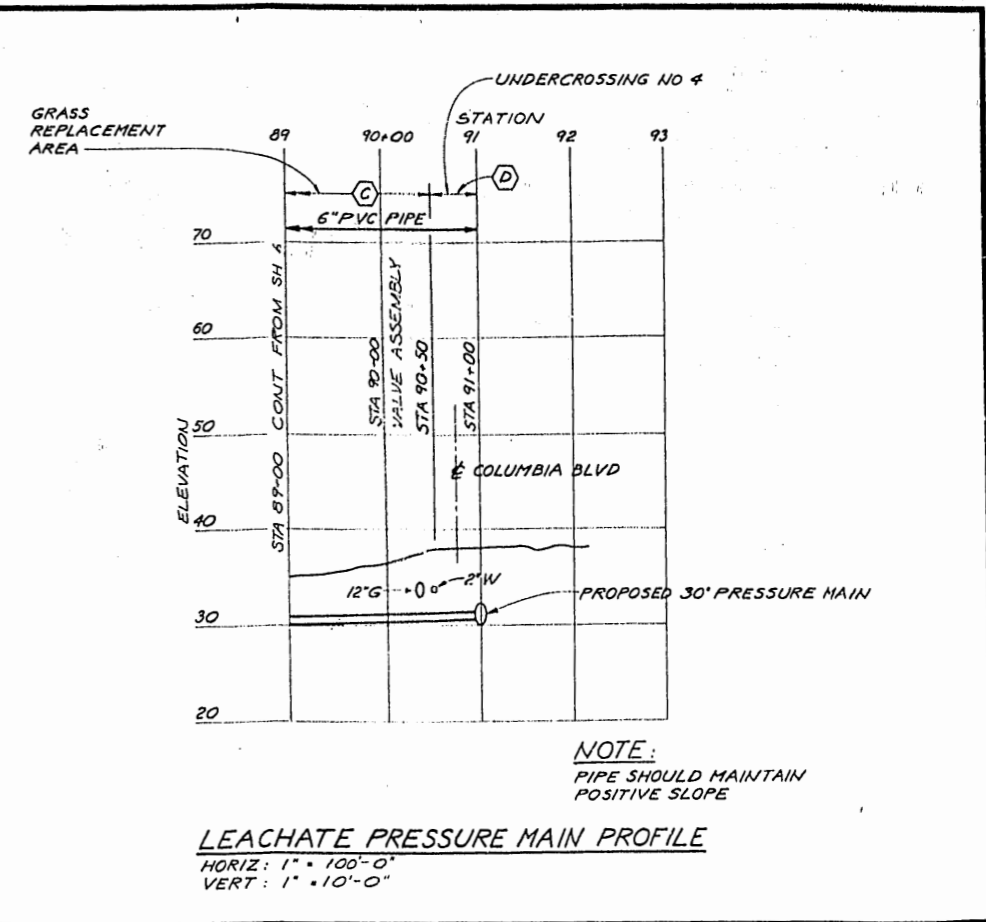
**AIR RELEASE ASSEMBLY FOR
LEACHATE PRESSURE MAIN**

NTS



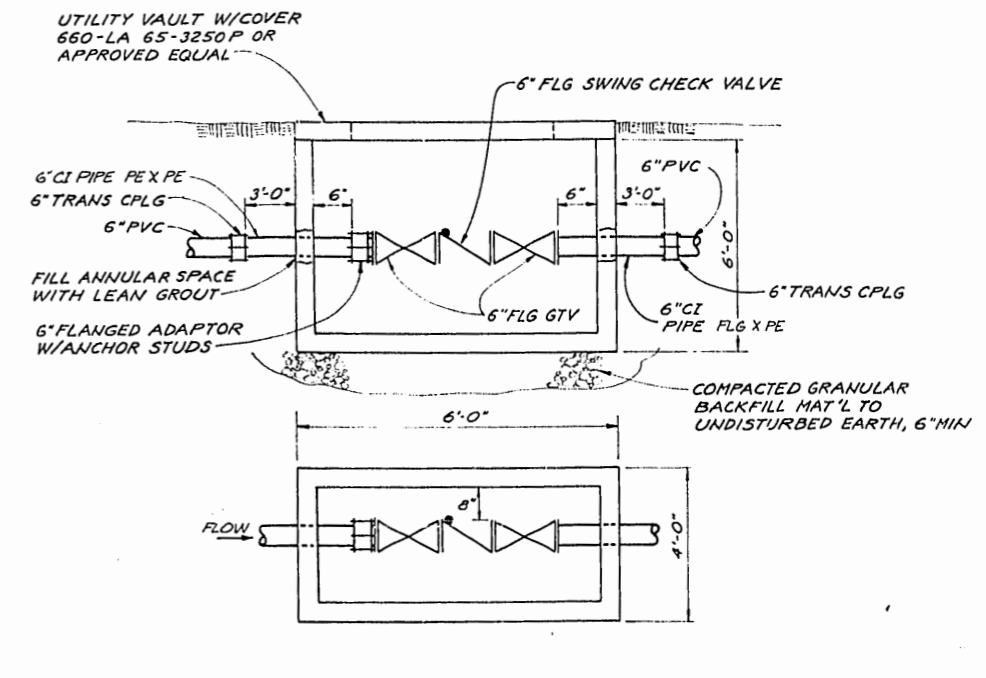
**TEMPORARY PUMP LINE
OUTLET DETAIL**

NTS



LEACHATE PRESSURE MAIN PROFILE

HORIZ: 1" = 100'-0"
VERT: 1" = 10'-0"



**STA 90+00
VALVE BOX DETAIL**

NTS



CH2M HILL
DES. W.G.G.
DR. I.A.A./W.P.
CHK. W.G.G.
APPD. M.D.K.

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FILE NUMBER	
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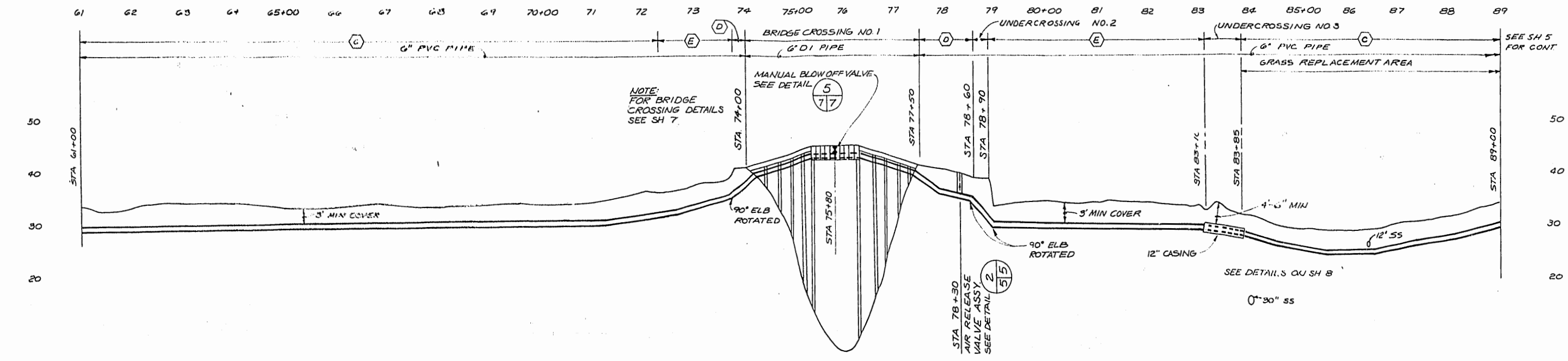
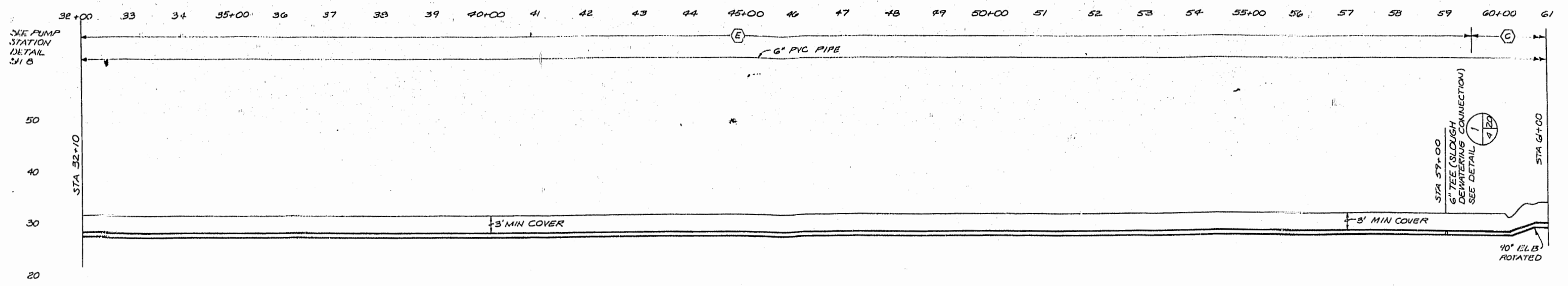
OFFICE OF CITY ENGINEER
APPROVED: *John M. Wang* REG. PROF. ENG. NO. 3656
CHIEF: BUREAU SANITARY
APPROVED: *John M. Wang* REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
PRESSURE MAIN PLAN 75+00 TO 91+00
PRESSURE MAIN DETAILS

SHEET 5
OF 26
DATE APR. 1980
DWG. NO. P12717.1A1

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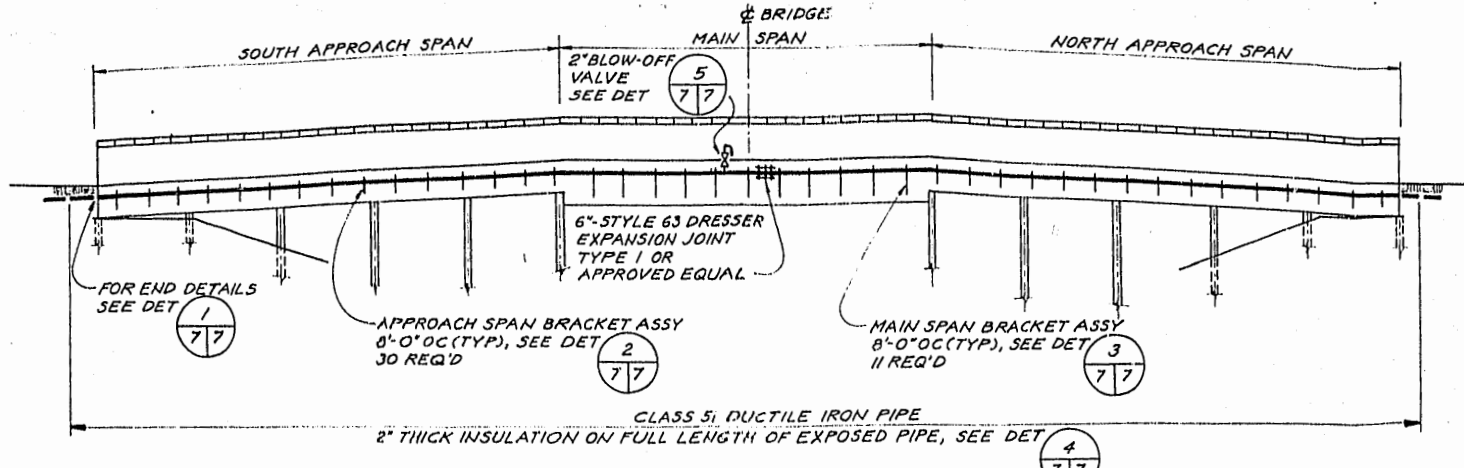


SCALE:
 HORIZ 1"=100'-0"
 VERT 1"=10'-0"

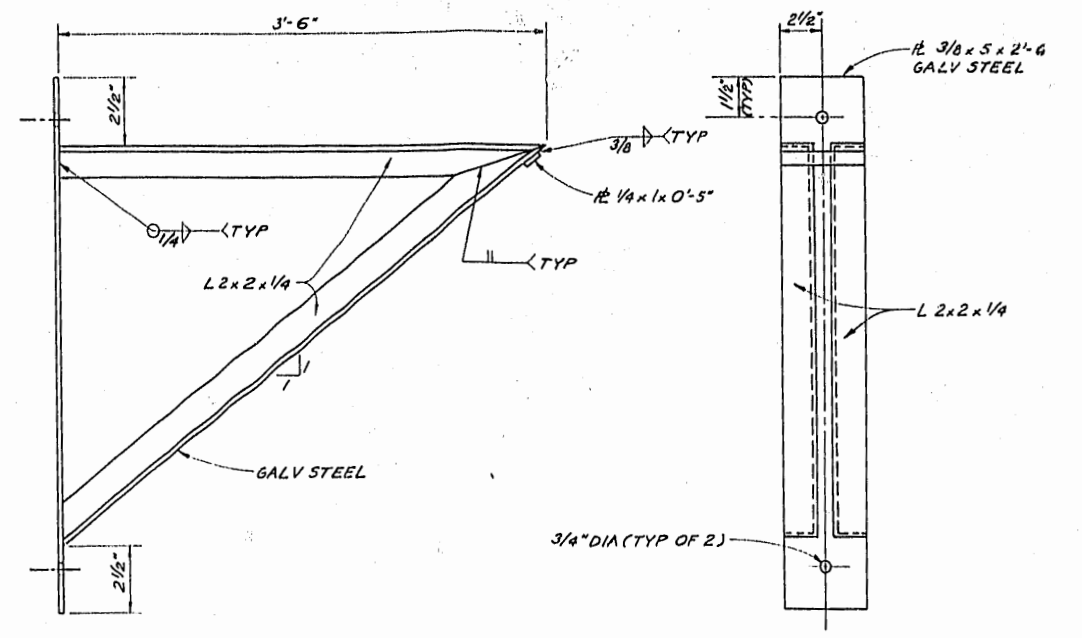


	DES. IVGG		I/A SECTION		OFFICE OF CITY ENGINEER APPROVED: <i>[Signature]</i> CHIEF: BUREAU ENGINEER REG. PROF. ENG. NO. 3650 APPROVED: <i>[Signature]</i> ACTING CITY ENGINEER REG. PROF. ENG. NO. 8416	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG COMMISSIONER JOHN LANG ACTING CITY ENGINEER	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN PRESSURE MAIN PROFILE	SHEET 6
	DR. BHP		FILE NUMBER	DATE APR. 1980				
	CHK. IVGG		NO. DATE DESCRIPTION APPD. JOB NUMBER	DWG. P12717.A1				
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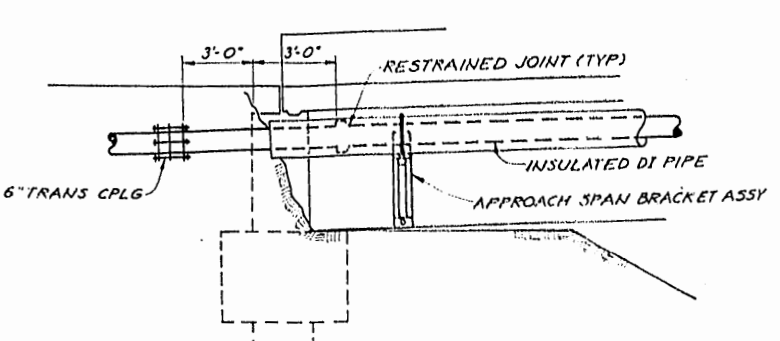
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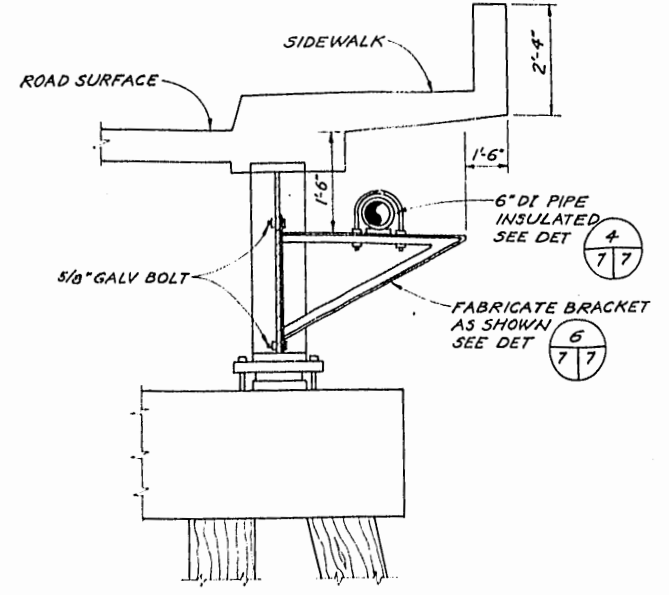
SUSPENDED PRESSURE MAIN PROFILE
 HORIZ: 1" = 25'-0", VERT: NTS



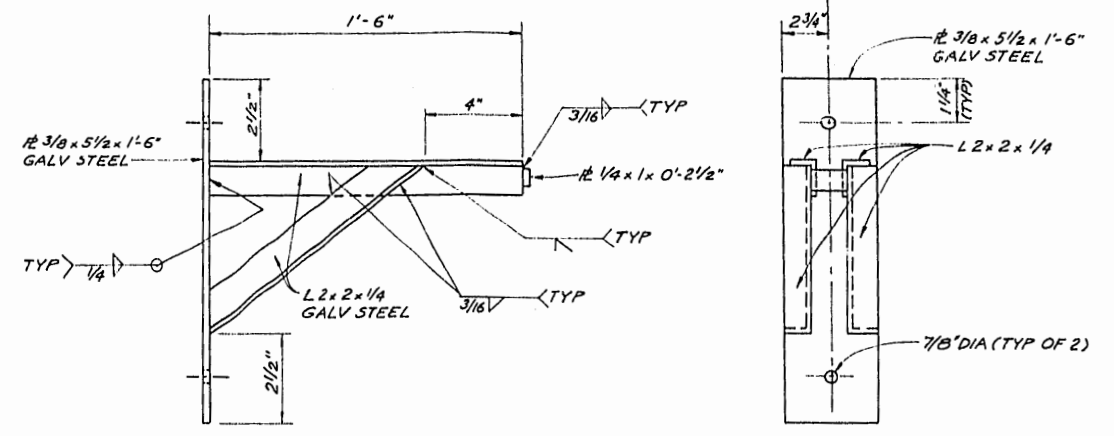
MAIN SPAN BRACKET DETAIL
 NTS 6
 7/7



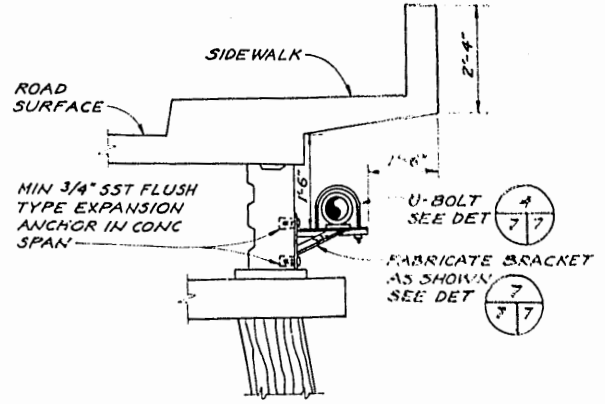
PIPE DETAIL FOR BRIDGE ENDS NORTH AND SOUTH
 NTS 1
 7/7



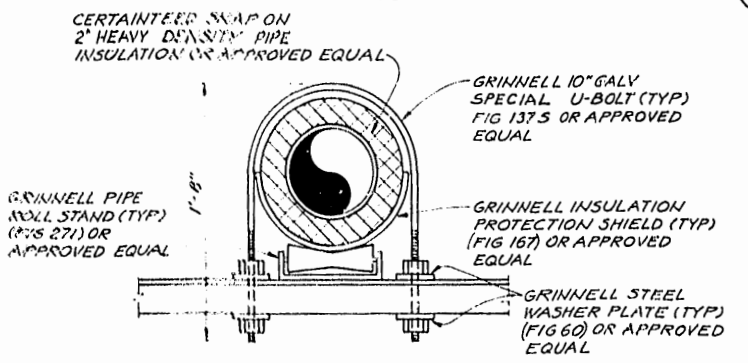
MAIN SPAN BRACKET LOCATION DETAIL
 NTS 3
 7/7



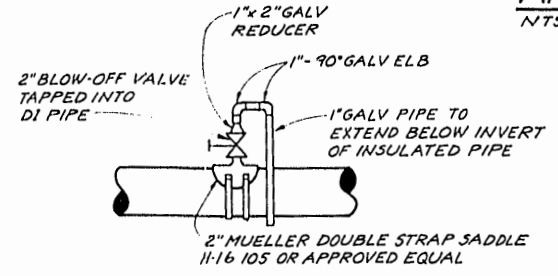
APPROACH SPAN BRACKET DETAIL
 NTS 7
 7/7



APPROACH SPAN BRACKET LOCATION DETAIL
 NTS 2
 7/7



U-BOLT & INSULATION DETAIL
 NTS 4
 7/7

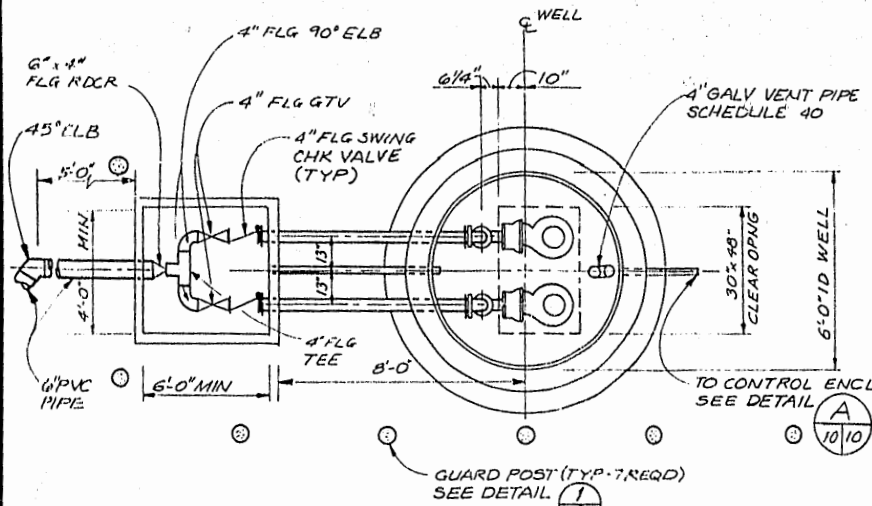


MANUAL BLOW-OFF VALVE DETAIL
 NTS 5
 7/7

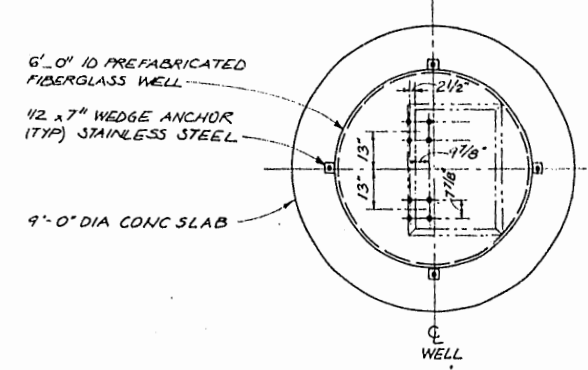


	DES. K'GG		1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN BRIDGE CROSSING DETAILS	SHEET 7 OF 26 DATE APR. 1980 DWG. P12717.A1
	DR. M.V.		FILE NUMBER	APPROVED: [Signature] REG. PROF. ENG. NO. 3656			
	CHK. K'GG		NO. DATE DESCRIPTION APPD. JOB NUMBER	APPROVED: [Signature] REG. PROF. ENG. NO. 8416	ACTING CITY ENGINEER		
	APPD. HDK		REVISION				

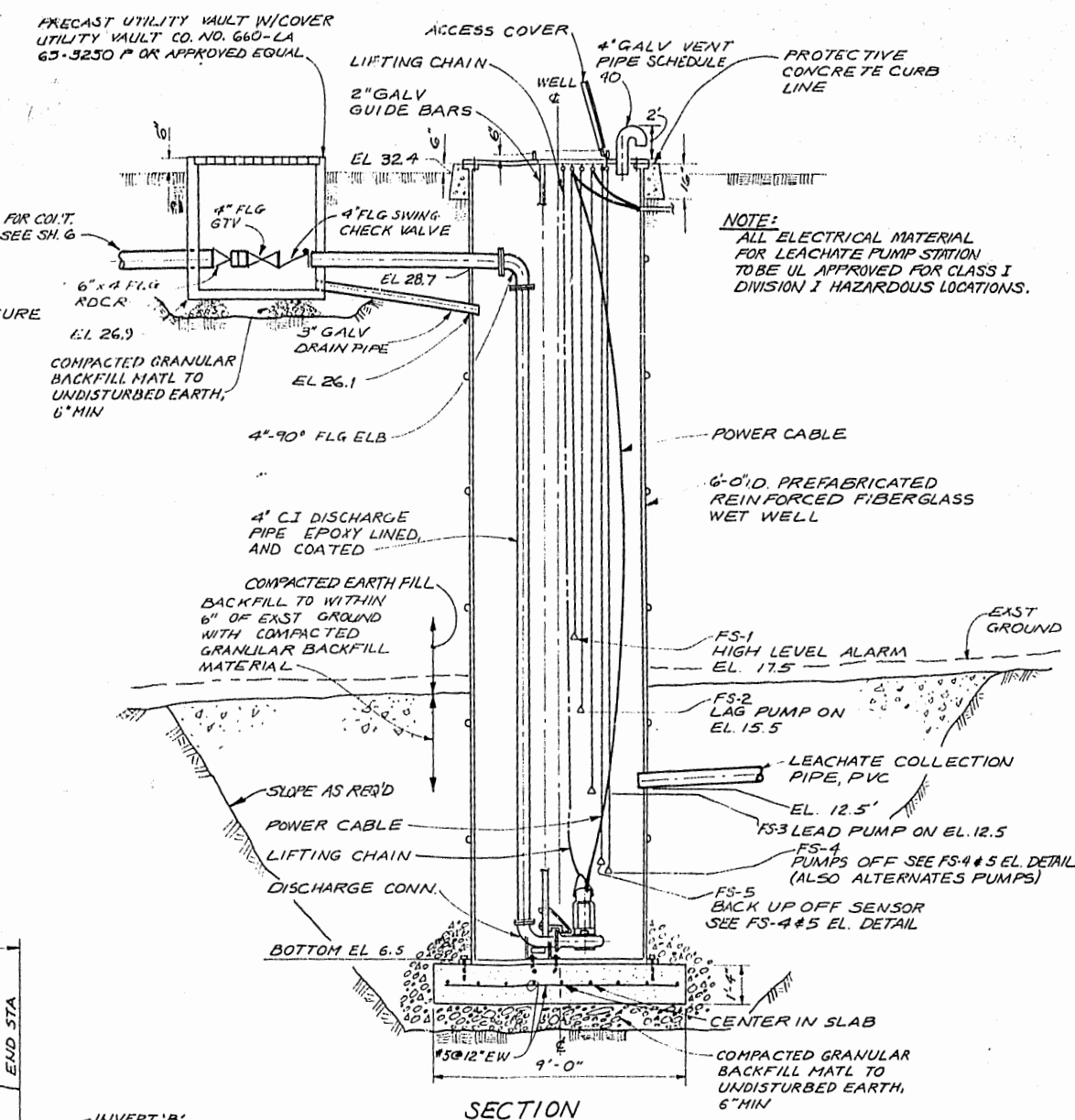
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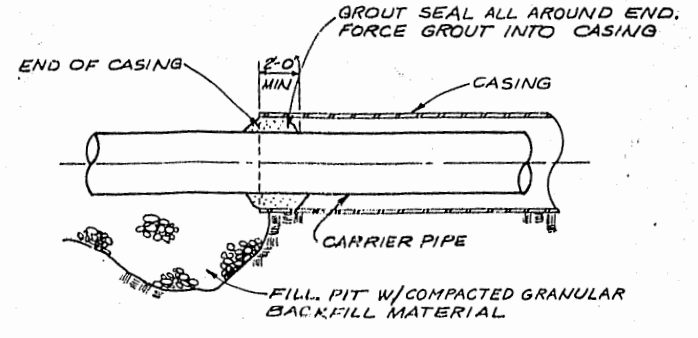
PLAN - GRADE ELEVATION
NTS



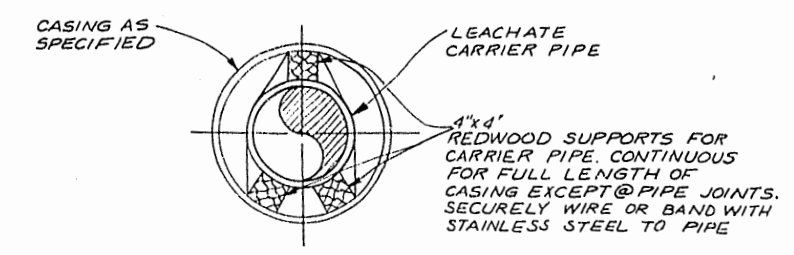
PLAN - BASE ELEVATION
NTS



SECTION
LEACHATE PUMP STATION WET WELL
NTS

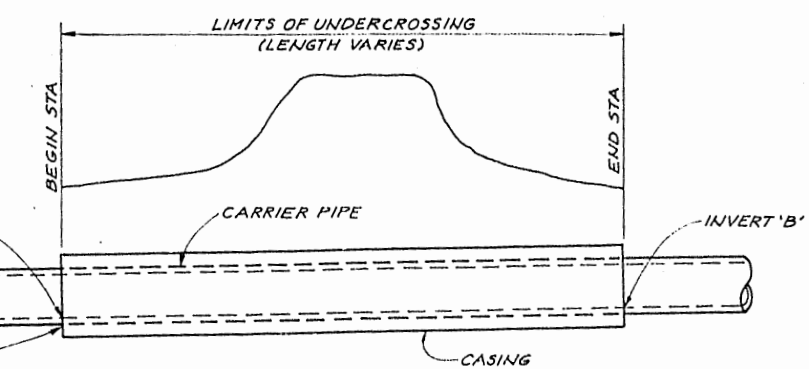


PIPE SEAL DETAIL
NTS

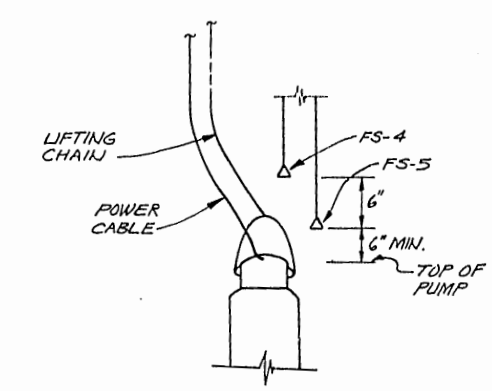


TYPICAL SECTION THROUGH UNDERCROSSING
NTS

NOTE:
SEE TABLE FOR UNDERCROSSING DATA THIS SH.



TYPICAL UNDERCROSSING DETAIL
NTS



FS-4 #5 ELEVATION DETAIL
NTS

TABLE 1 UNDERCROSSING DATA									
UNDERCROSSING NO.	LOCATION	LINE	STATION TO STATION	LENGTH	CASING PIPE SIZE	CARRIER PIPE SIZE	INVERT EL. 'A'	INVERT EL. 'B'	NOTE
1	ST. JOHN'S LANDFILL BRIDGE	LEACHATE PRESSURE MAIN	74+00 TO 77+50	360'	—	6"	—	—	BRIDGE CROSSING
2	ST. JOHN'S LANDFILL ROAD	LEACHATE PRESSURE MAIN	78+60 TO 78+90	30'	—	6"	35.0	30.0	OPEN CUT
3	UNION PACIFIC RAIL ROAD	LEACHATE PRESSURE MAIN	83+10 TO 83+85	75'	16"	6"	28.0	28.5	JACK OR BORE
4	COLUMBIA BLVD.	LEACHATE PRESSURE MAIN	90+50 TO 91+00	50'	—	6"	30.25	30.5	OPEN CUT



DES. WGG
DR. MK/BP
CHK. ANW
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

1/4 SECTION
FILE NUMBER
JOB NUMBER

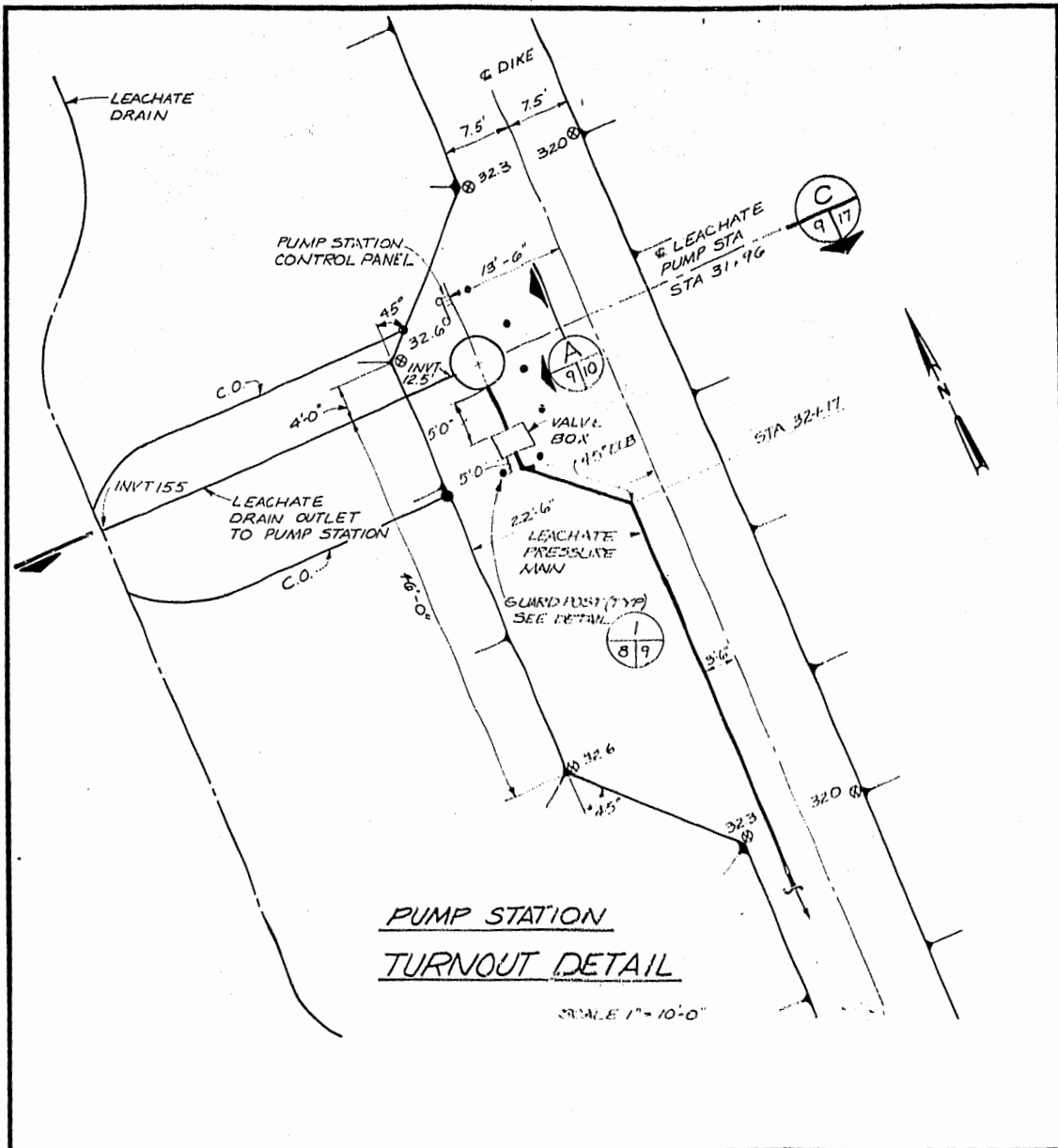
OFFICE OF CITY ENGINEER
APPROVED: [Signature] REG. PROF. ENG. NO. 3656
APPROVED: [Signature] REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

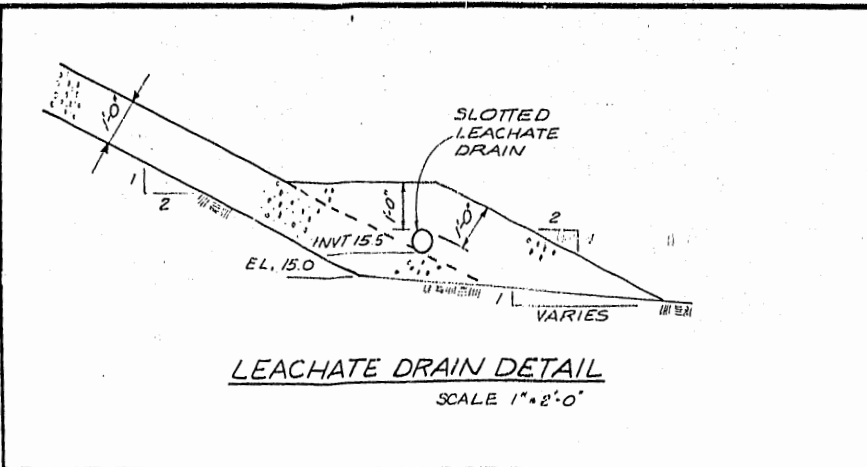
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
PUMP STATION PLAN AND UNDERCROSSING DETAILS

SHEET 8
OF 26
DATE APR. 1980
DWG. NO. P12717.01

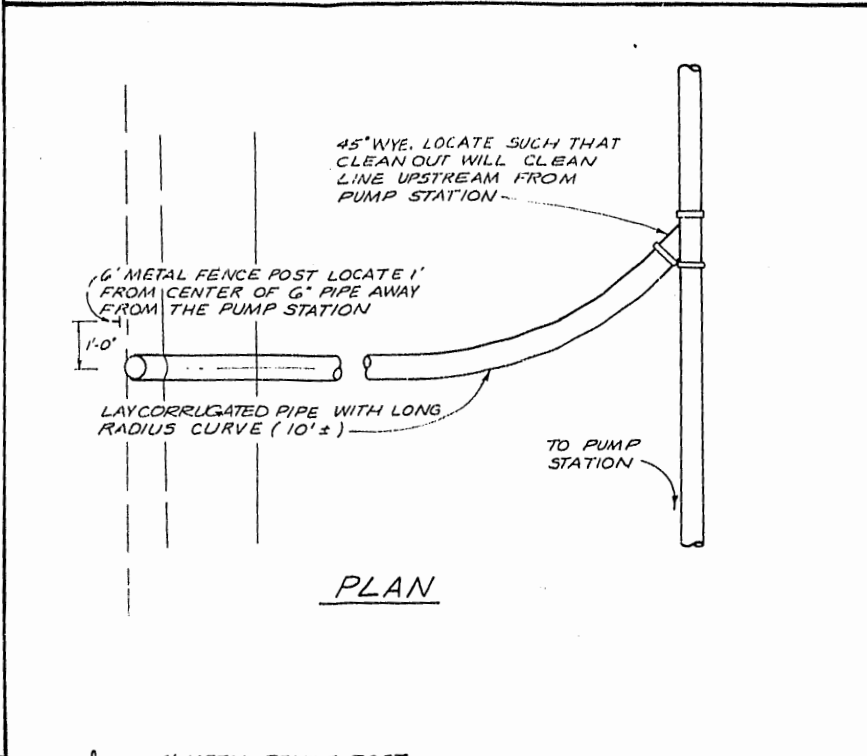
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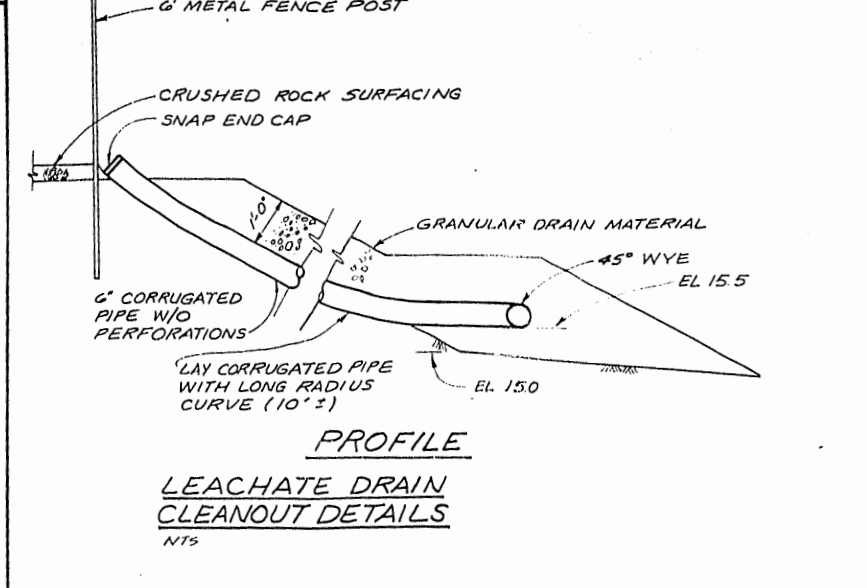
**PUMP STATION
TURNOUT DETAIL**
SCALE 1" = 10'-0"



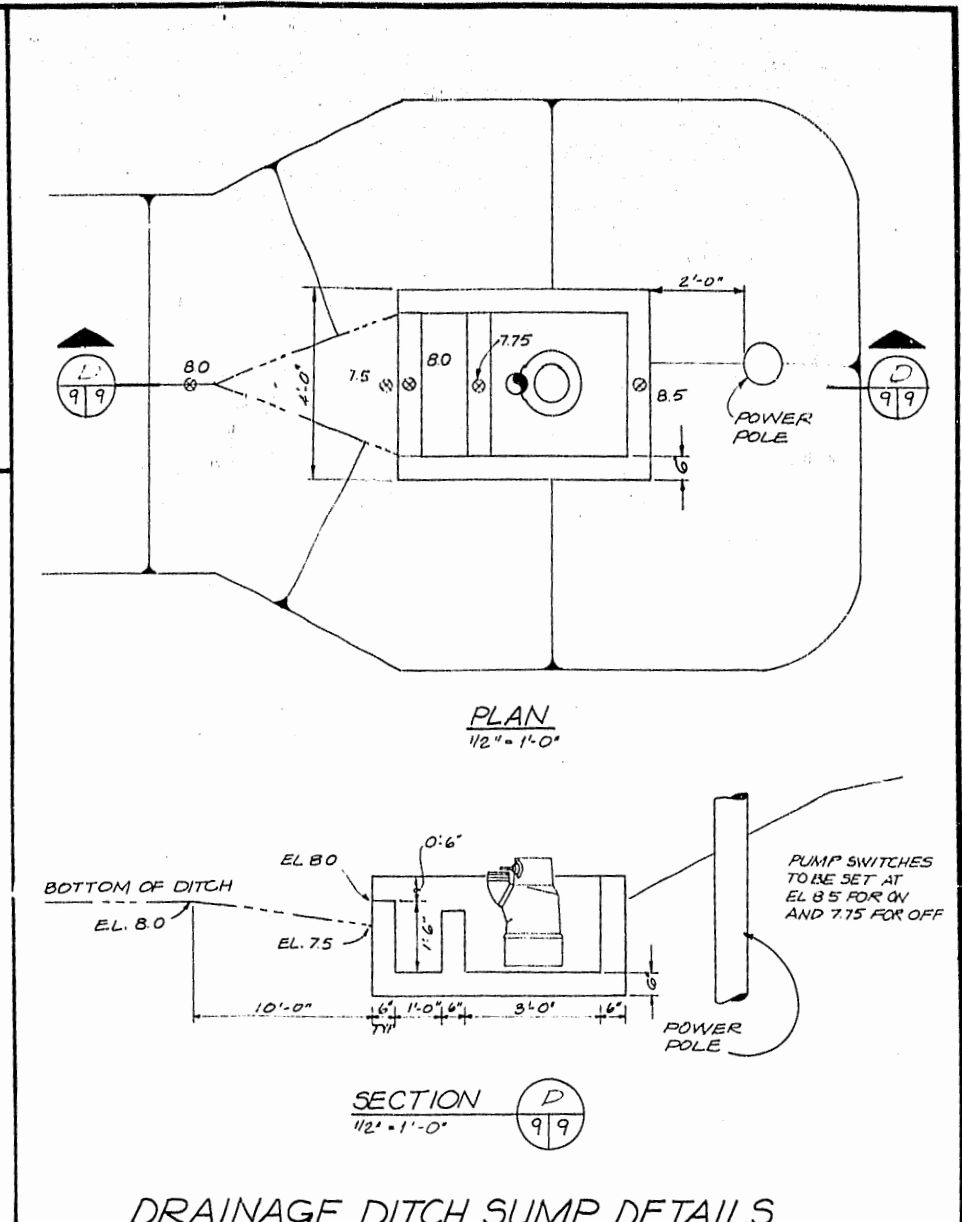
LEACHATE DRAIN DETAIL
SCALE 1" = 8'-0"



PLAN



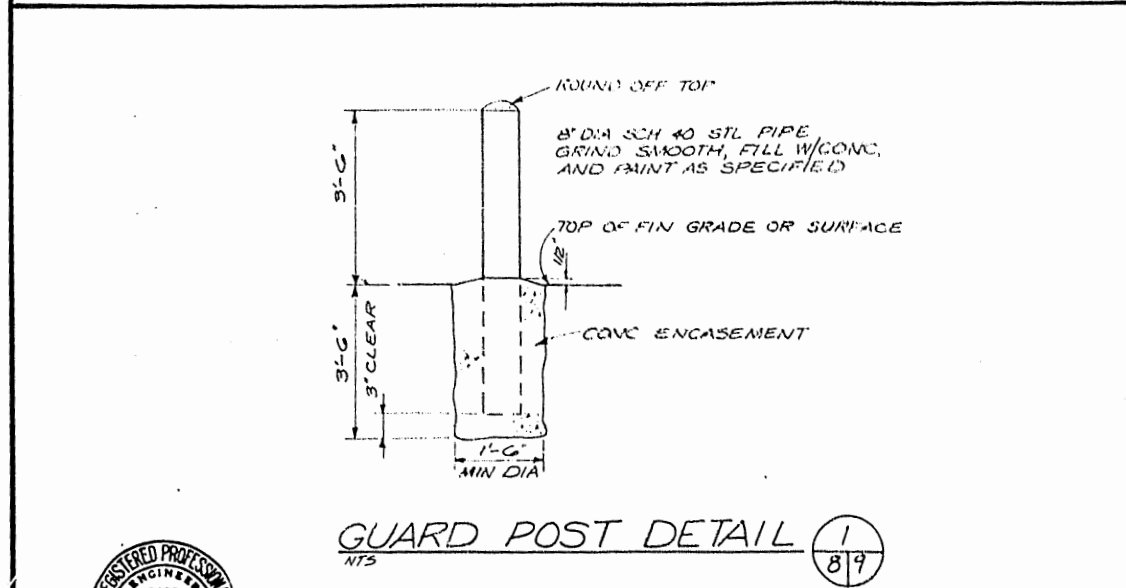
PROFILE
**LEACHATE DRAIN
CLEANOUT DETAILS**
NTS



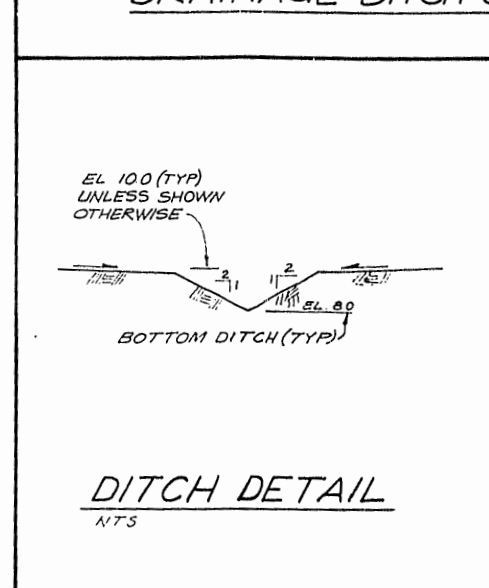
PLAN
1/2" = 1'-0"

SECTION
1/2" = 1'-0"

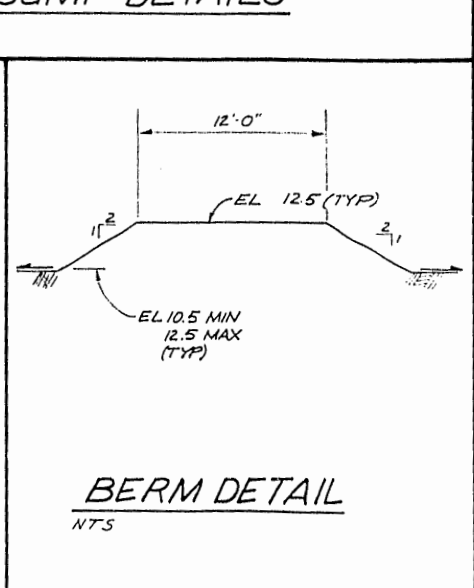
DRAINAGE DITCH SUMP DETAILS



GUARD POST DETAIL
NTS



DITCH DETAIL
NTS

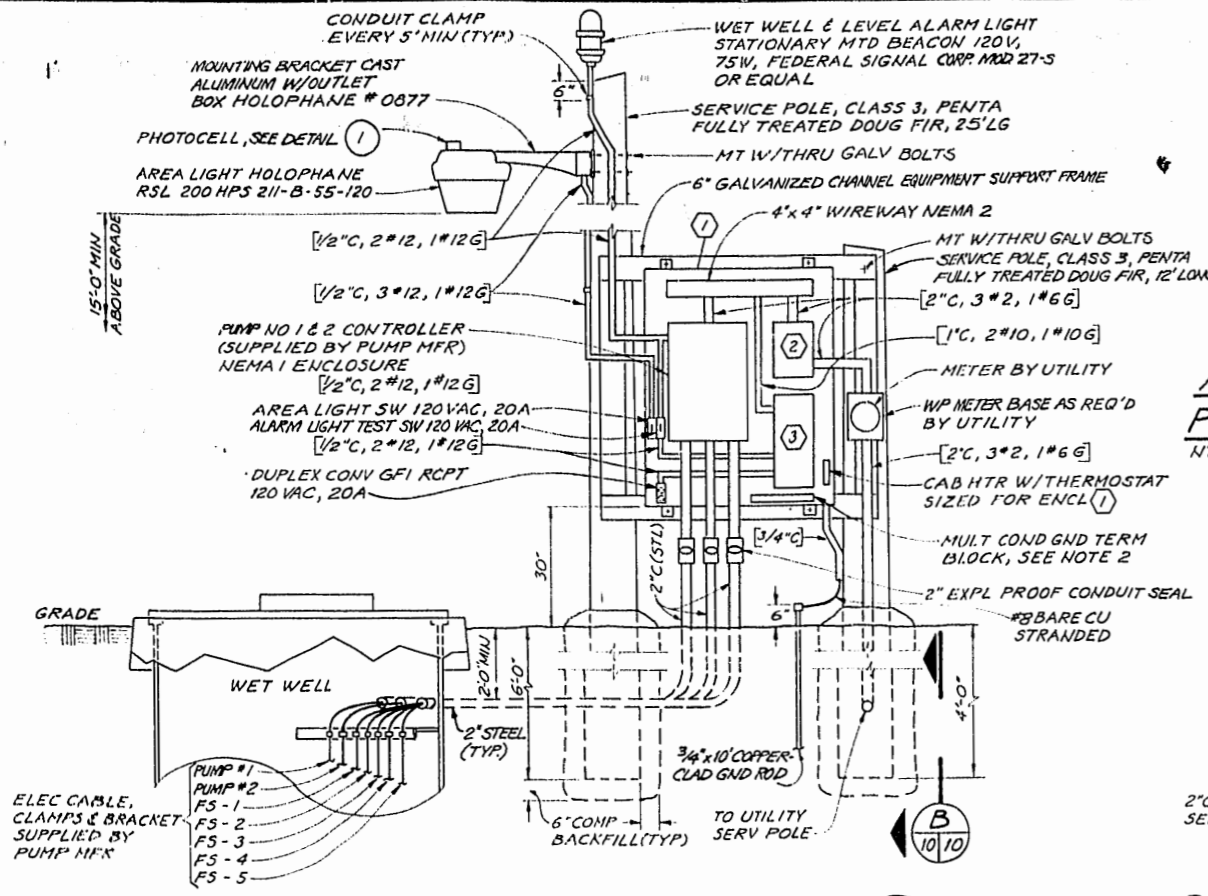


BERM DETAIL
NTS

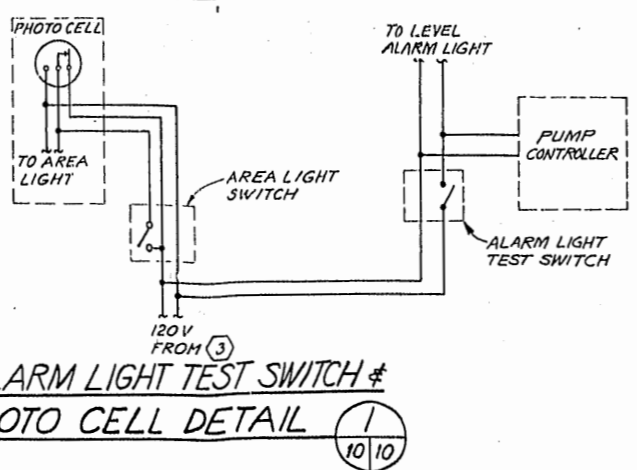


	DES. RASL		1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN MISC. DETAILS PUMP STATION	SHEET 9 OF 26 DATE APR. 1980 DWG. NO. P12717.A1
	DR. BHP		FILE NUMBER	APPROVED			
CHK. AWV	NO. DATE	DESCRIPTION	APPROVED	ACTING CITY ENGINEER			
APPD. MDK	REVISION	APPD.	JOB NUMBER				

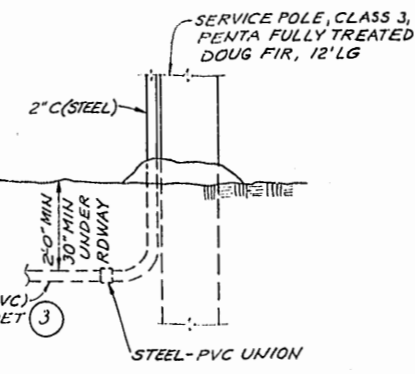
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EQUIPMENT LAYOUT ELEVATION (A)
1/2" = 1'-0"



ALARM LIGHT TEST SWITCH & PHOTOCCELL DETAIL (1)
NTS



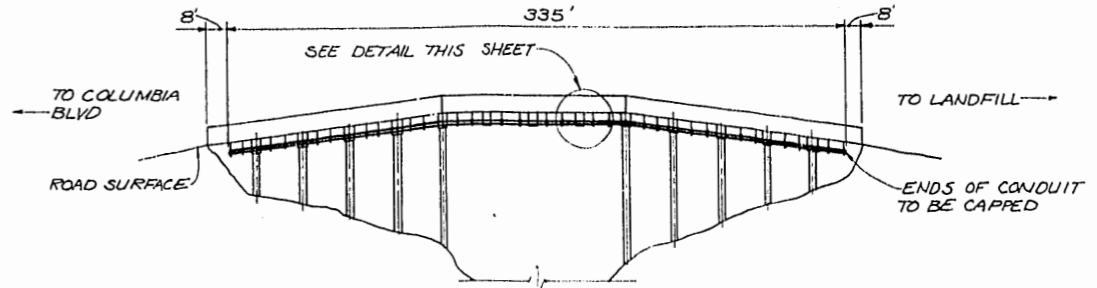
BURIED CONDUIT VIEW (B)
NTS (SEE NOTE 3)

NOTES:

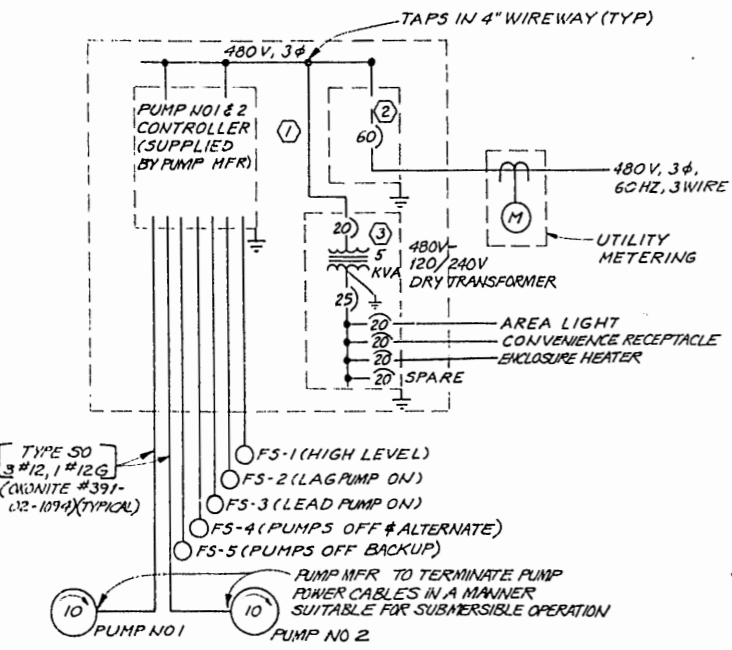
1. ALL EXTERIOR STEEL BRACKETS, CLAMPS, FRAME WORK, AND FASTENERS, TO BE GALVANIZED.
2. GROUND ALL EQUIPMENT ENCLOSURES PER N.E.C., STATE AND LOCAL CODES.
3. ALL UNDERGROUND CONDUIT TO BE SCH. 40 PVC, UNLESS OTHERWISE INDICATED, EXCEPT USE GALVANIZED RIGID STL. FOR 90° EL'S AND VERTICAL RISERS. WRAP GALVANIZED RIGID STL. CONDUITS IN DIRECT CONTACT WITH SOIL WITH 10 MIL PVC TAPE TO 6" ABOVE GRADE.

EQUIPMENT SCHEDULE

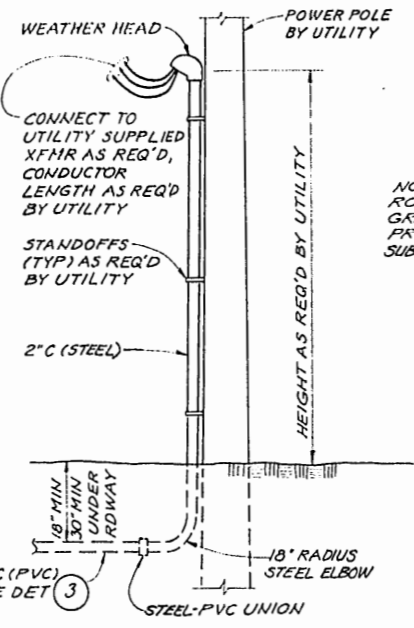
1. EQUIPMENT ENCLOSURE, 12 GA. STL., 60"H x 48"W x 12"D, OR SIZE AS REQ'D. TO PROVIDE CLEARANCE FOR MAINTENANCE OF INTERNAL EQUIPMENT SHOWN, NEMA 3R WITH DRIP SHIELD, 2 DOOR PADLOCKING DOOR HANDLE, EXTERNAL MOUNTING BRACKETS TO SECURE ENCLOSURE TO STL. CHANNEL FRAME WORK AS SHOWN, EXTERIOR FINISH TO BE SUITABLE FOR WET OUTDOOR CONDITIONS, INTERNAL EQUIP. MTD. PANEL TO BE 10 GA. STL., 56"H x 44"W, OR SIZE AS REQ'D. TO PROVIDE CLEARANCE FOR MOUNTING EQUIPMENT SHOWN.
2. MAIN CIRCUIT BREAKER, MOLDED CASE, 3-POLE, 480 V, 3φ, 80 AMP TRIP RATING IN NEMA 1, SURFACE MOUNT ENCLOSURE, UL APPROVED FOR SERVICE ENTRANCE, 14,000 AIC RMS SYM INTERRUPTING.
3. POWER CENTER, 5 KVA, 480 - 120/240 V, WITH MAIN 480 V PRIMARY AND 240V SECONDARY MAIN BREAKER, AND FOUR 20 A, 120 V SECONDARY PLUGS-IN CIRCUIT BREAKERS, NEMA 1 ENCLOSURE.



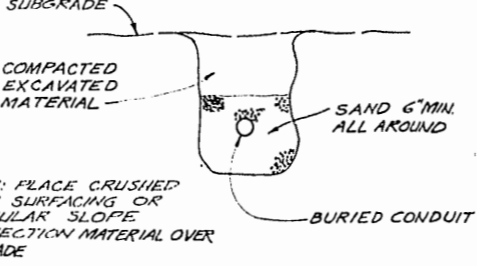
BRIDGE CROSSING WITH ELECTRICAL CONDUIT
NTS



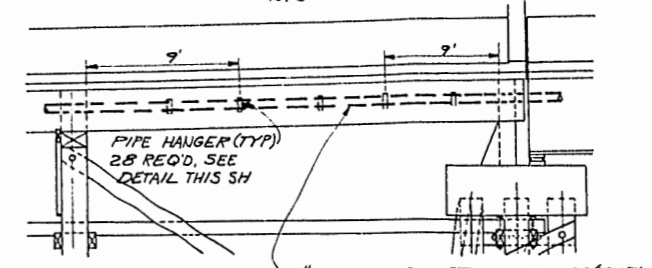
ONE LINE DIAGRAM
NTS



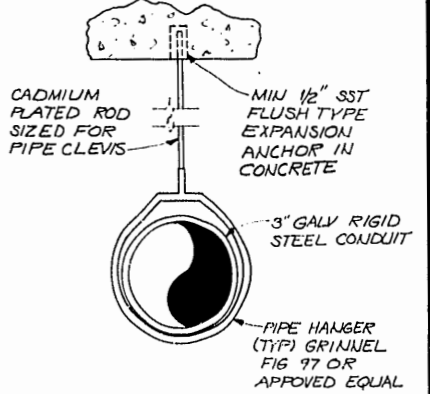
UTILITY POWER POLE DETAIL (2)
NTS (SEE NOTE 3)



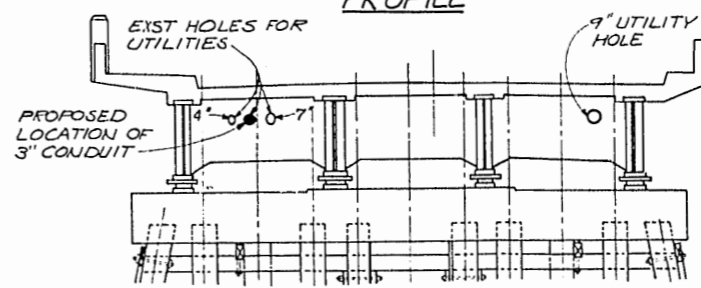
BURIED CONDUIT DETAIL (3)
NTS



PROFILE

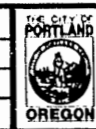
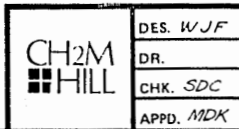


PIPE HANGER DETAIL
NTS



SECTION

ELECTRICAL CONDUIT BRIDGE CROSSING
NTS



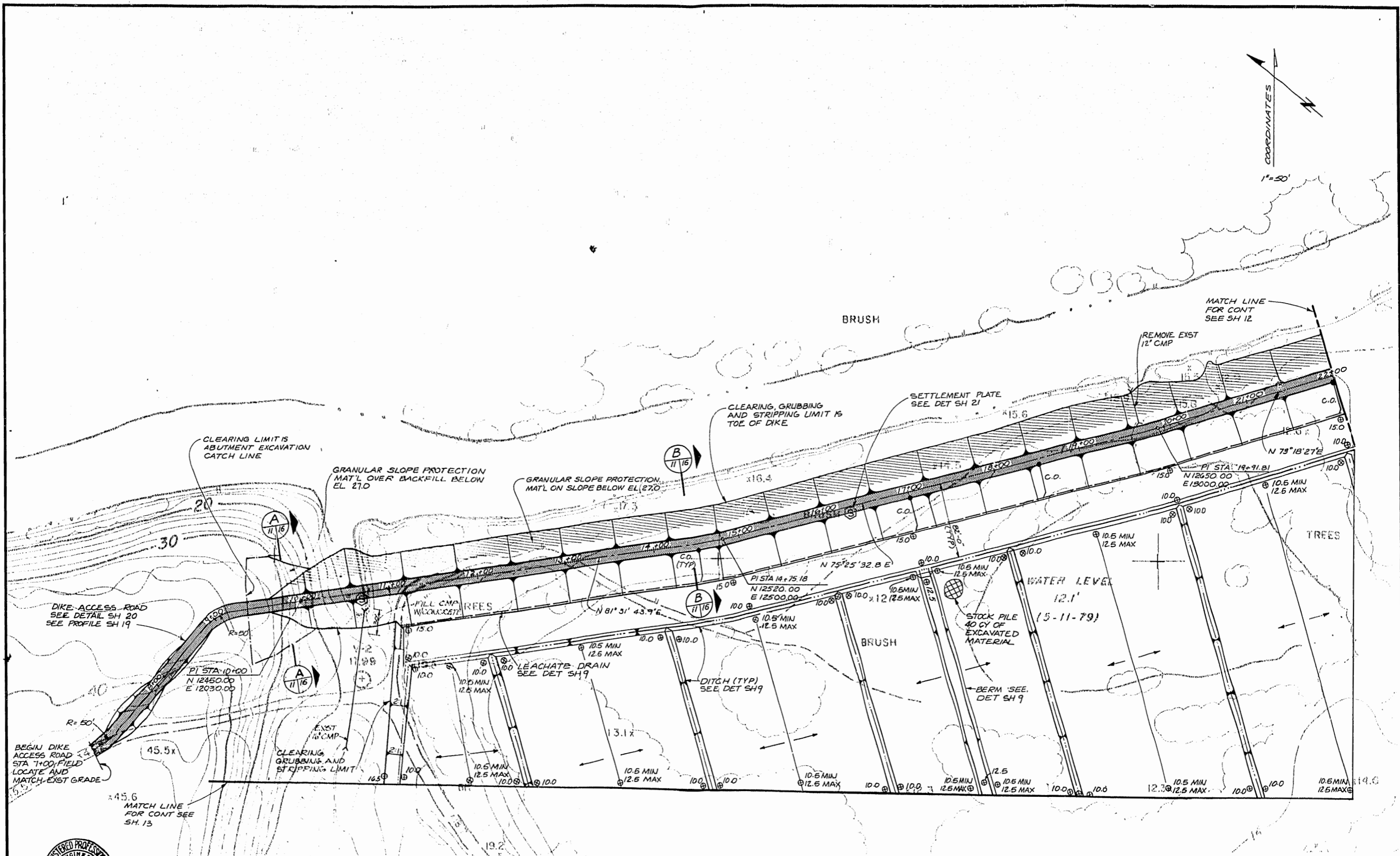
NO.	DATE	DESCRIPTION	APPD.

OFFICE OF CITY ENGINEER
 APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656
 APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
 ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
 DEPARTMENT OF PUBLIC WORKS
 MIKE LINDBERG
 JOHN LANG

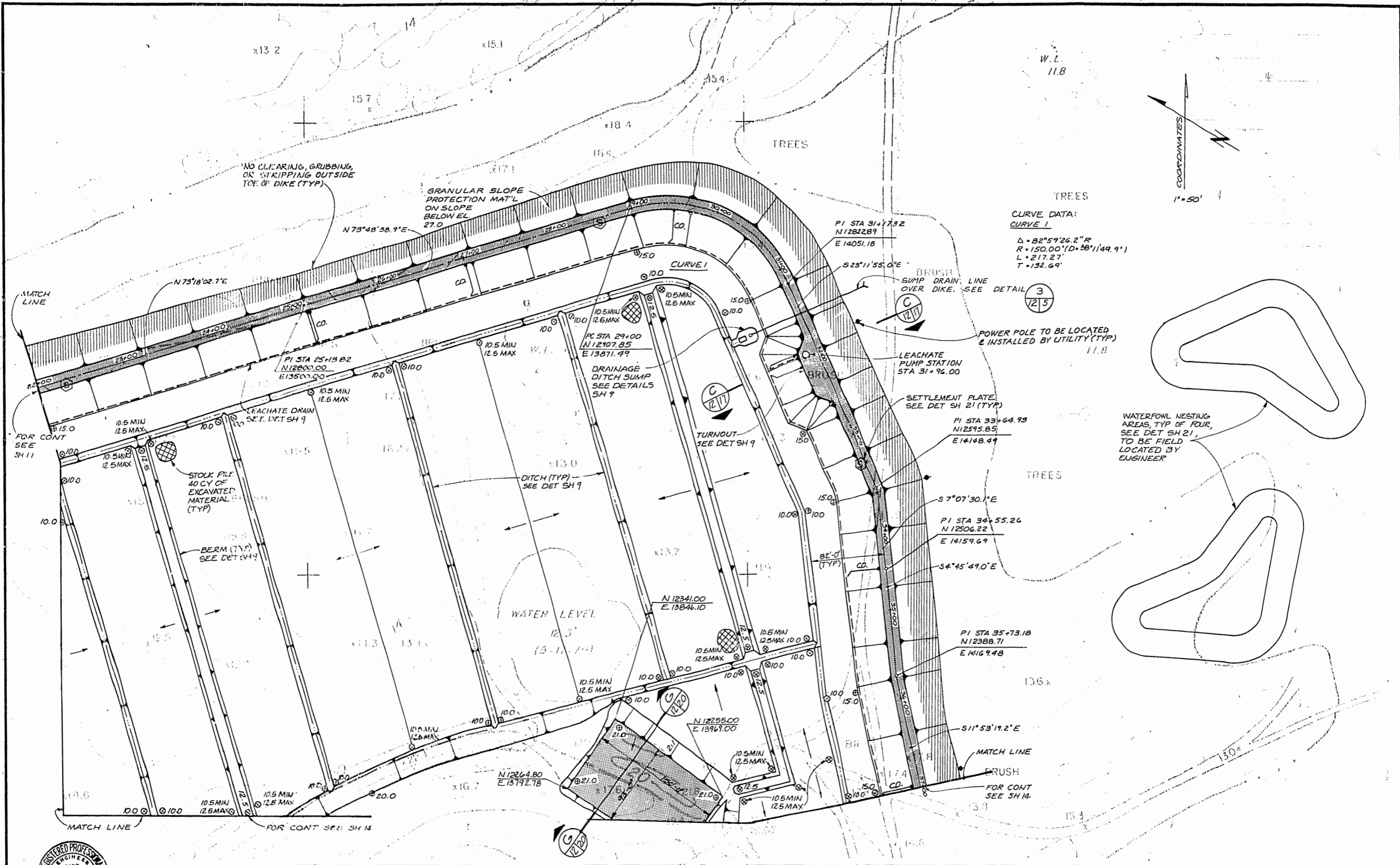
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
 PUMP STATION ELECTRICAL
 SHEET 10
 OF 26
 DATE APR. 1990
 DWG. NO. P12717.1A

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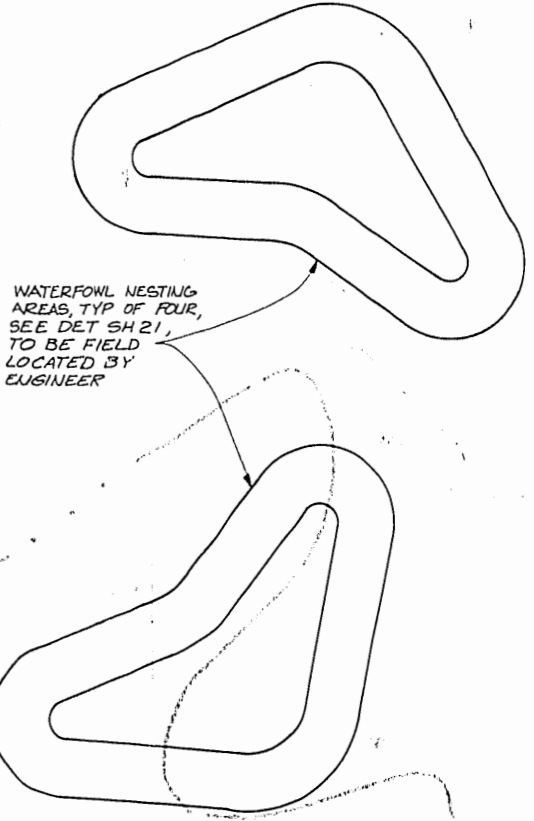
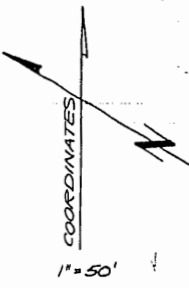


	DES. R.A.S.L.		1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG COMMISSIONER JOHN LANG ACTING CITY ENGINEER	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN SITE GRADING PLAN	SHEET 11
	DR. A.L.R.		FILE NUMBER	APPROVED CHIEF: BUREAU <i>[Signature]</i> REG. PROF. ENG. NO. 3656			OF 28
	CHK. R.A.S.L.		NO. DATE DESCRIPTION APPD.	APPROVED ACTING CITY ENGINEER <i>[Signature]</i> REG. PROF. ENG. NO. 8416			DATE APR. 1980
	APPD. MDK		REVISION	JOB NUMBER			DWG. NO. P12717.A1

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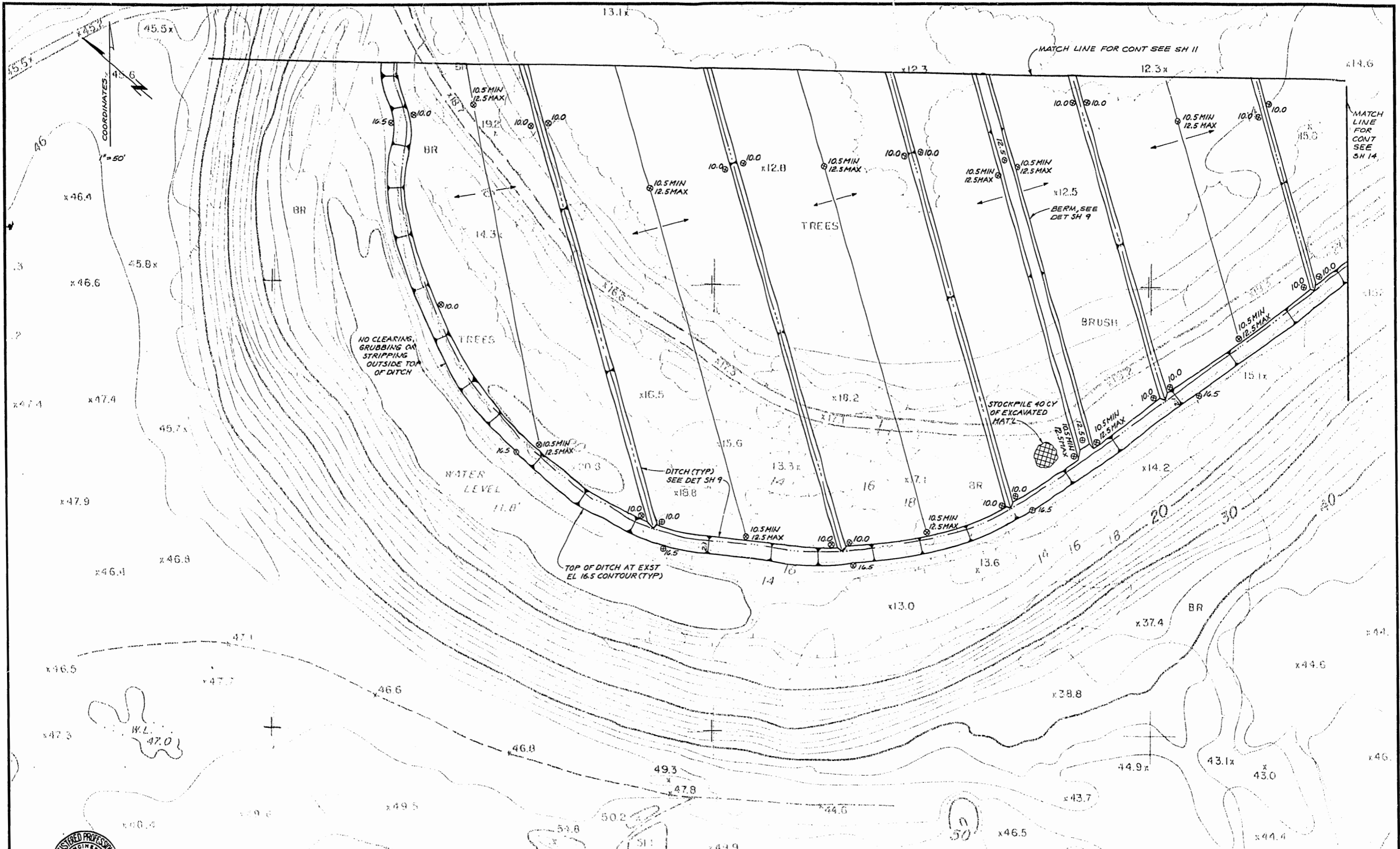


CURVE DATA:
 CURVE 1
 $\Delta = 82^{\circ}59'26.2''R$
 $R = 150.00' (D = 30' / 149.9')$
 $L = 217.27'$
 $T = 152.69'$



	DES. R.A.S.L.		1/4 SECTION	OFFICE OF CITY ENGINEER APPROVED: <i>[Signature]</i> REG. PROF. ENG. NO. 3656 CHIEF: BUREAU SANITARY APPROVED: <i>[Signature]</i> REG. PROF. ENG. NO. 8416 ACTING CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG COMMISSIONER JOHN LANG ACTING CITY ENGINEER	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN SITE GRADING PLAN AND WATERFOWL NESTING AREAS	SHEET 12
	DR. A.L.R.		FILE NUMBER				DATE APR. 1980
CHK. R.A.S.L.	NO. DATE	DESCRIPTION	APPO.	JOB NUMBER			DWG. NO. P12717.A1
APPD. M.O.K.	REVISION						

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DES. RASL	DR. TLH/BHP	CHK. RASL	APPD. MDK

NO.	DATE	DESCRIPTION	APPD.

1/4 SECTION	FILE NUMBER	JOB NUMBER

OFFICE OF CITY ENGINEER

APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656

APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416

CITY OF PORTLAND, OREGON

DEPARTMENT OF PUBLIC WORKS

MIKE LINDBERG COMMISSIONER

JOHN LANG ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN

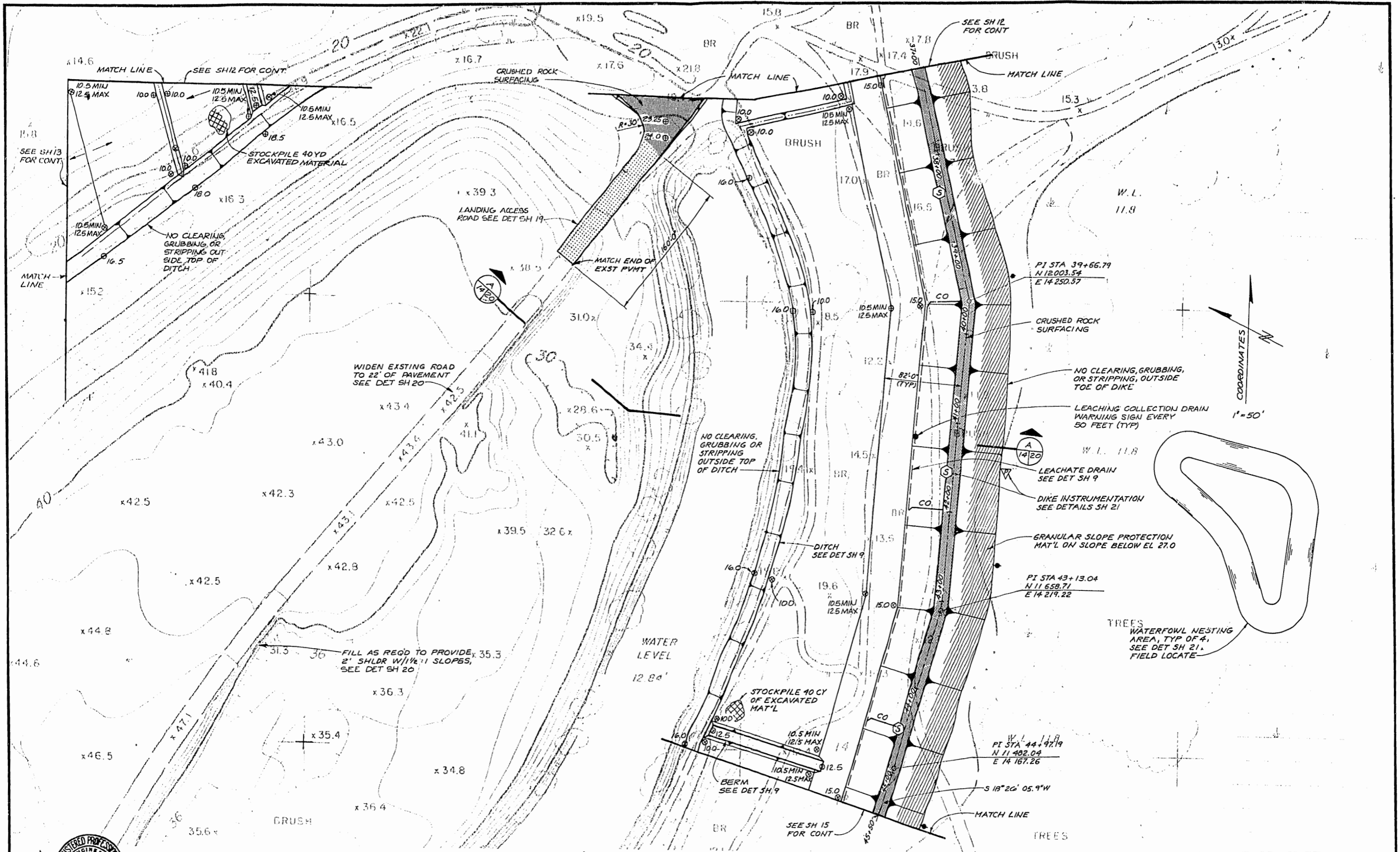
SITE GRADING PLAN

SHEET 13 OF 28

DATE APR. 1980

DWG. NO. P12717.A1

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CH2M HILL
DES. RASL
DR. BHP
CHK. RASL
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

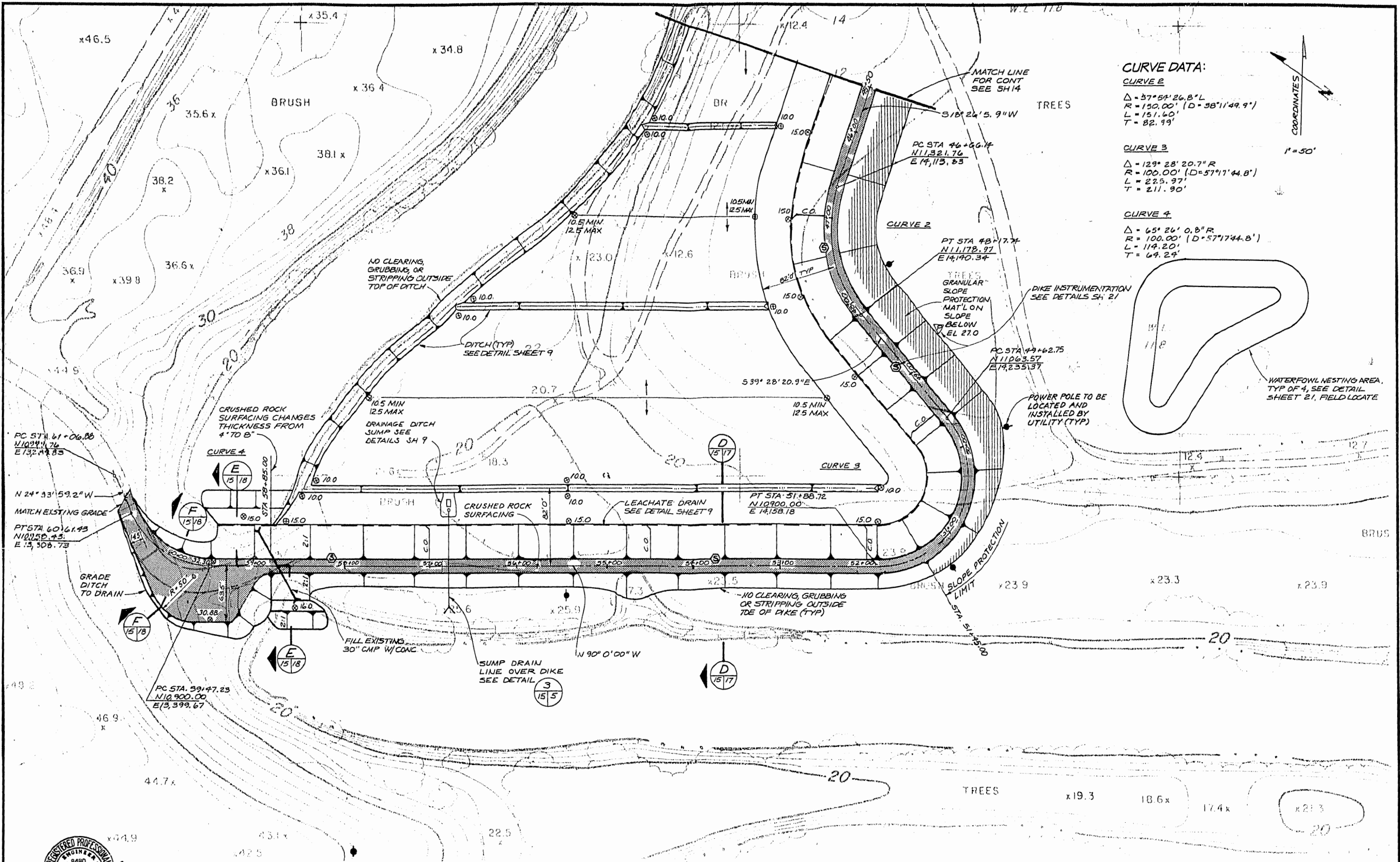
1/4 SECTION
FILE NUMBER
JOB NUMBER

OFFICE OF CITY ENGINEER
APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656
CHIEF, BUREAU OF SANITATION
APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SITE GRADING PLAN
AND WATERFOWL NESTING AREAS
SHEET 14
OF 28
DATE APR. 1980
DWG. NO. P12717.A1

THIS PRINT IS REDUCED TO ONE HALF OF THE ORIGINAL SCALE



CURVE DATA:
CURVE 2
 $\Delta = 37^{\circ}59'26.8''L$
 $R = 150.00'$ ($D = 38^{\circ}11'49.9''$)
 $L = 151.60'$
 $T = 82.99'$

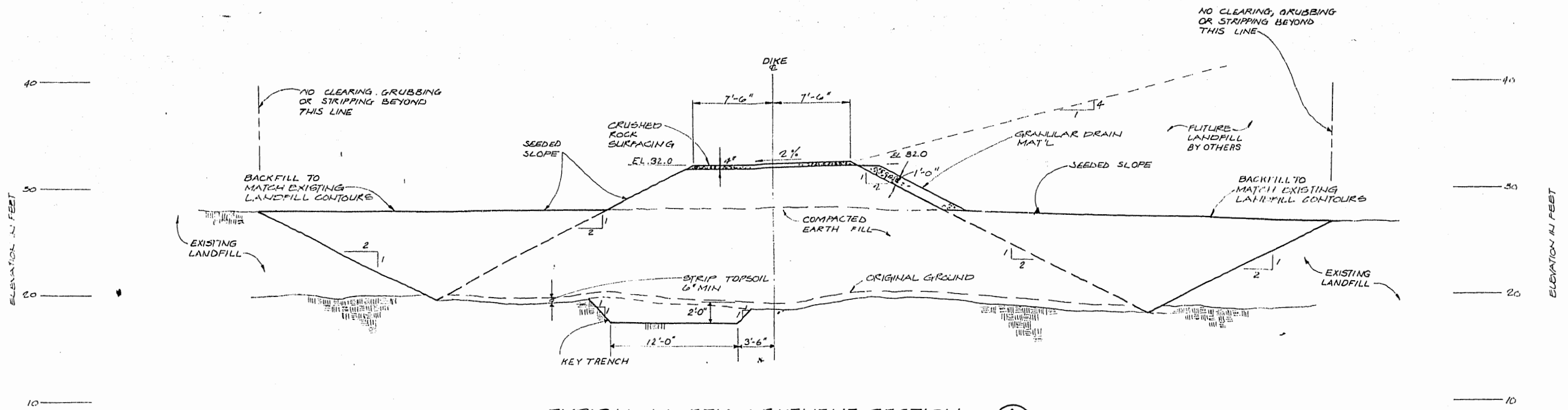
CURVE 3
 $\Delta = 129^{\circ}28'20.7''R$
 $R = 100.00'$ ($D = 57^{\circ}17'44.8''$)
 $L = 225.97'$
 $T = 211.90'$

CURVE 4
 $\Delta = 65^{\circ}26'0.8''R$
 $R = 100.00'$ ($D = 57^{\circ}17'44.8''$)
 $L = 114.20'$
 $T = 64.24'$

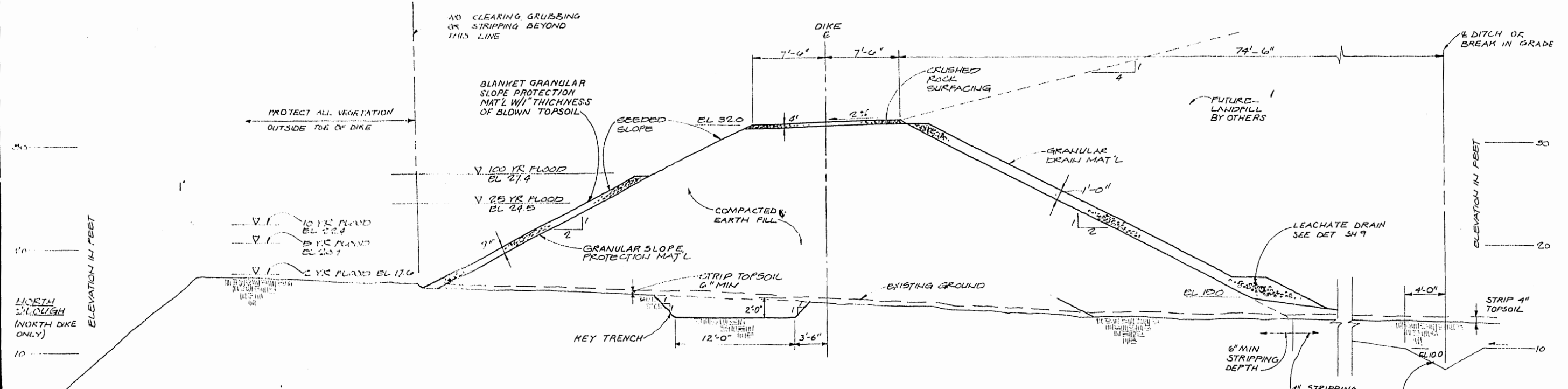


	DES. RASL		1/4 SECTION		OFFICE OF CITY ENGINEER APPROVED: <i>[Signature]</i> REG. PROF. ENG. NO. 3656 APPROVED: <i>[Signature]</i> REG. PROF. ENG. NO. 8416	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG COMMISSIONER JOHN LANG ACTING CITY ENGINEER	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN SITE GRADING PLAN AND WATERFOWL NESTING AREAS	SHEET 15 OF 26 DATE APR, 1980 DWG. NO. P12717.A1
	DR. SO/BHP		FILE NUMBER					
	CHK. RASL		NO. DATE DESCRIPTION APPD.					
	APPD. MDK		JOB NUMBER					
			REVISION					

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TYPICAL NORTH ABUTMENT SECTION (A) 1" = 5'-0"



TYPICAL NORTH AND EAST DIKE SECTION (B) 1" = 5'-0"



DES. R.A.S.
DR. A.Z.
CHK. R.A.S.
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

1/4 SECTION
FILE NUMBER
JOB NUMBER

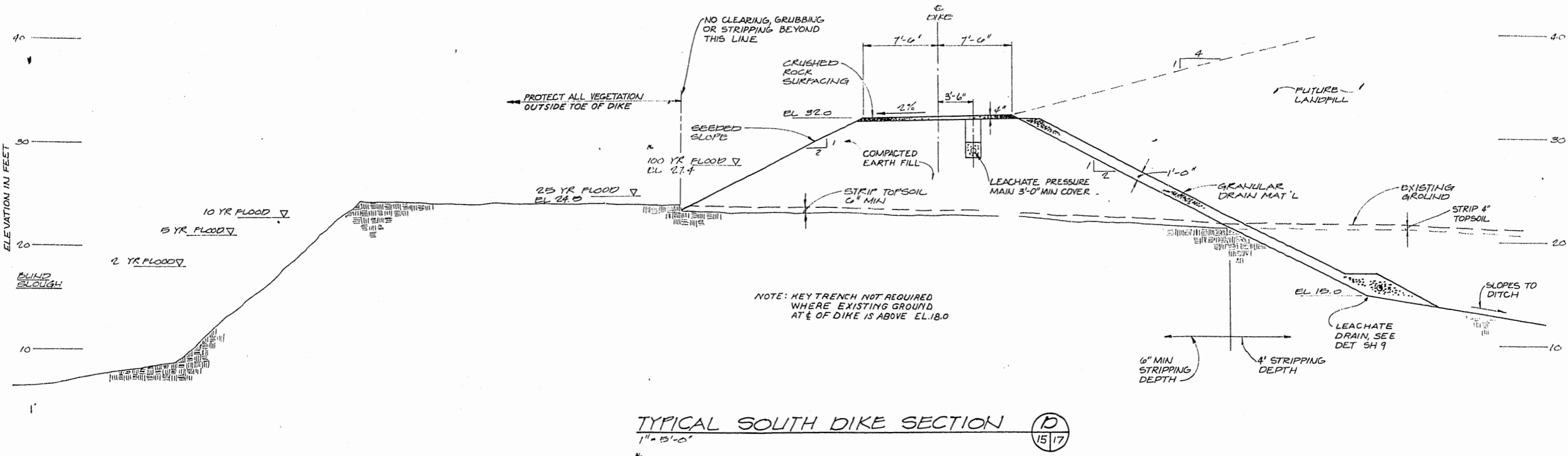
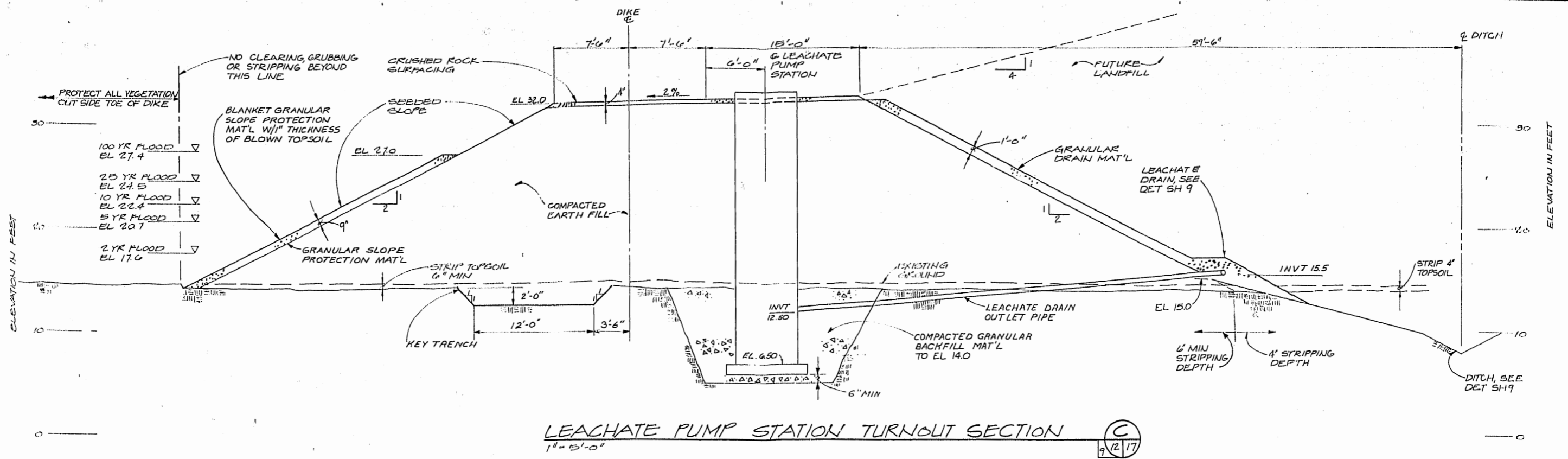
OFFICE OF CITY ENGINEER
APPROVED: *[Signature]* REG. PROF. ENG. NO. 3636
CHIEF: BUREAU SAN. ENG.
APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
DIKE SECTIONS

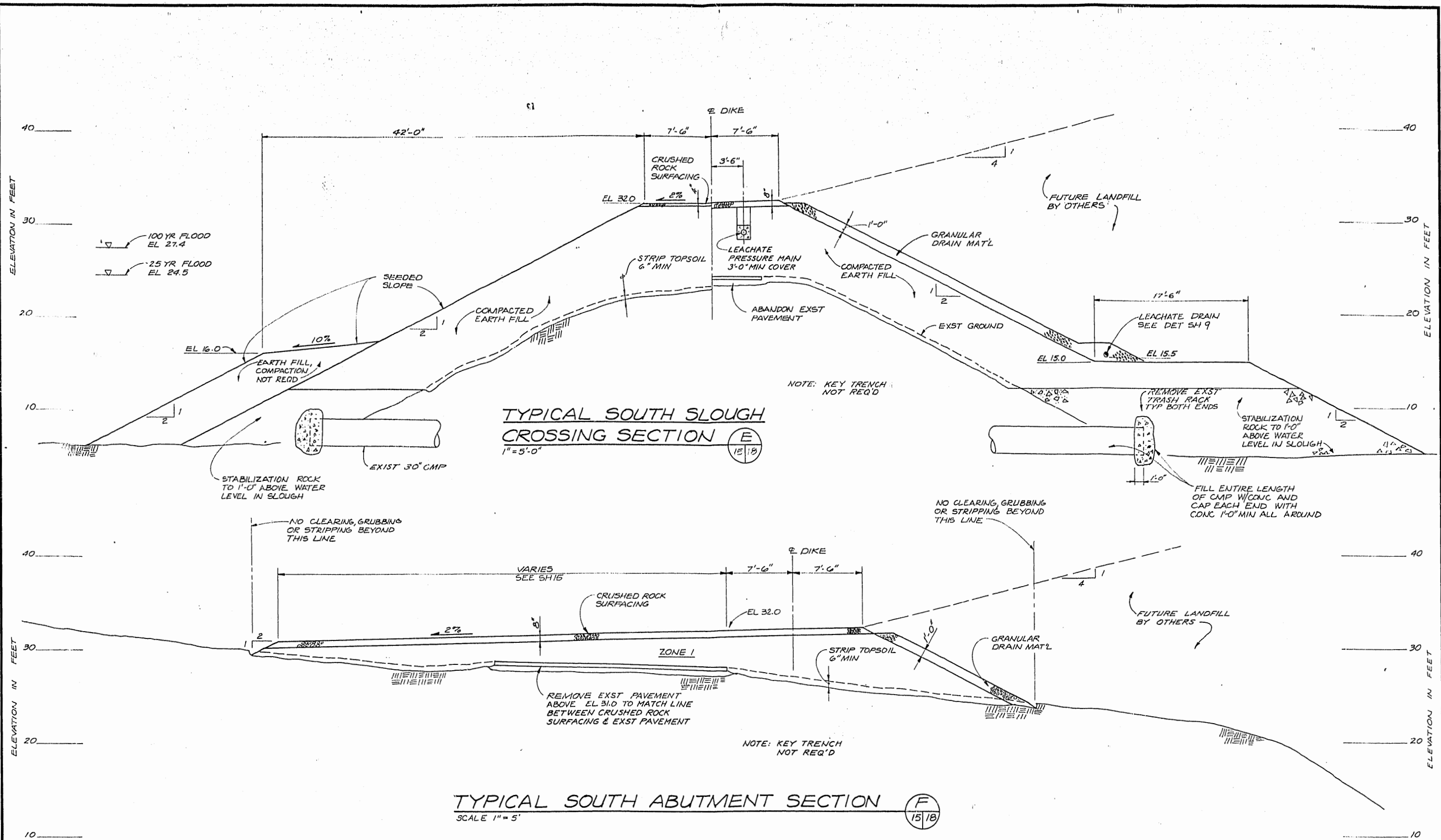
SHEET 16
OF 16
DATE APR. 1980
DWG. NO. P12717.A1

THIS PRINT IS REDUCED TO ONE HALF OF THE ORIGINAL SCALE



	DES. RASL		1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN DIKE SECTIONS	SHEET 17	
	DR. APE		FILE NUMBER	APPROVED			COMMISSIONER	OF 26
	CHK. RASL		NO. DATE	DESCRIPTION			ACTING CITY ENGINEER	DATE APR. 1980
	APPD. MDK		REVISION	APPD.			REG. PROF. ENG. NO. 3655	DWG. NO. P12717.A1

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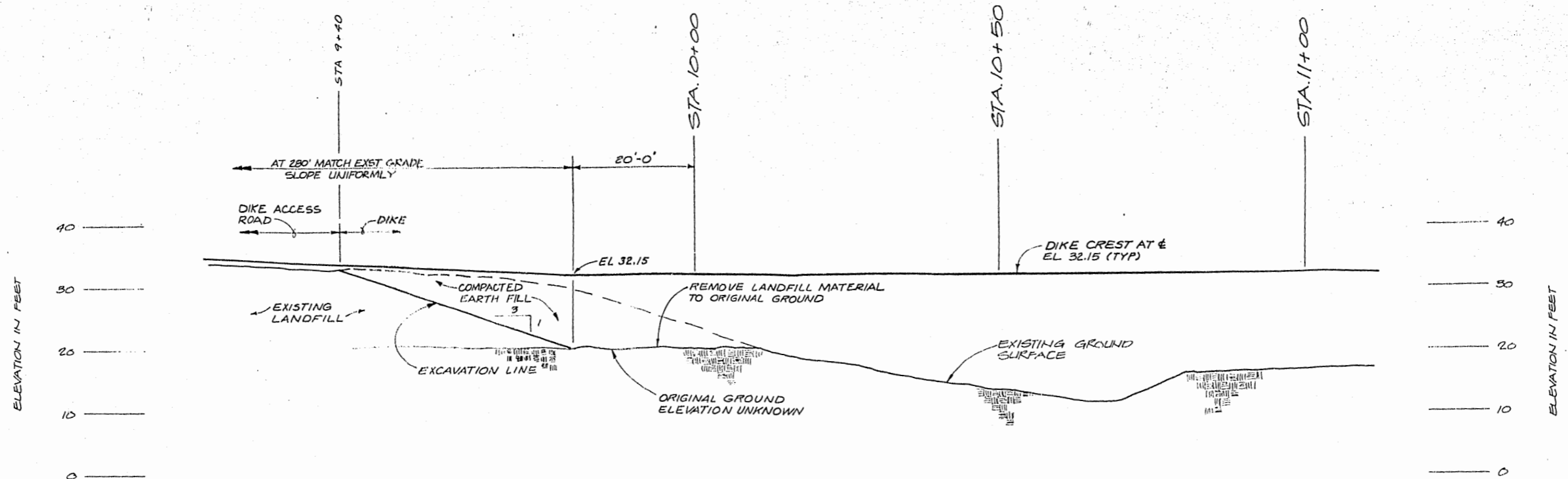
TYPICAL SOUTH SLOUGH CROSSING SECTION (E)
SCALE 1" = 5'-0"

TYPICAL SOUTH ABUTMENT SECTION (F)
SCALE 1" = 5'

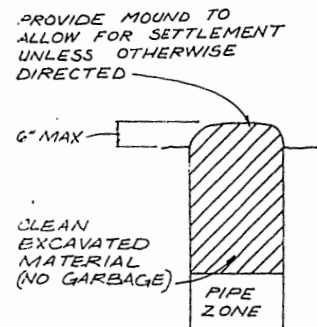


	DES. RASL				1/4 SECTION	OFFICE OF CITY ENGINEER		CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN DIKE SECTIONS	SHEET 18 OF 26 DATE APR. 1980 DWG. P12717.A1 NO.
	CHK. RASL		NO. DATE	DESCRIPTION	APPD.	JOB NUMBER	APPROVED			
	APPD. MDK						ACTING CITY ENGINEER	ACTING CITY ENGINEER		

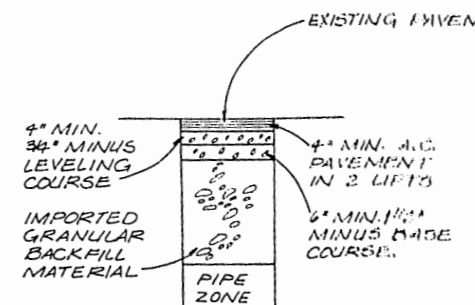
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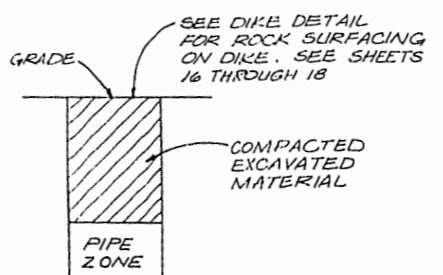
PROFILE & NORTH ABUTMENT AND DIKE ACCESS ROAD
1" = 10'-0"



CLASS "C"

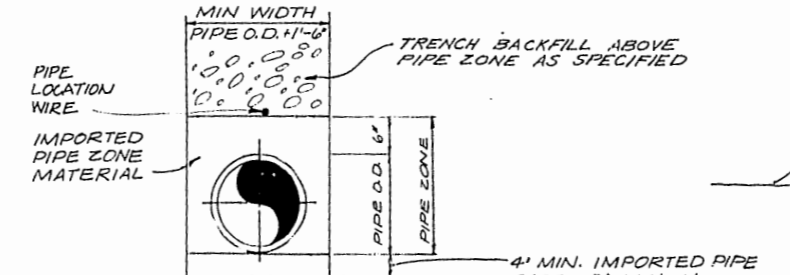


CLASS "D"

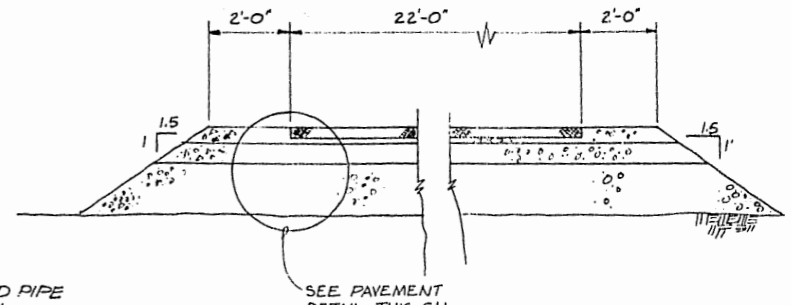


CLASS "E"

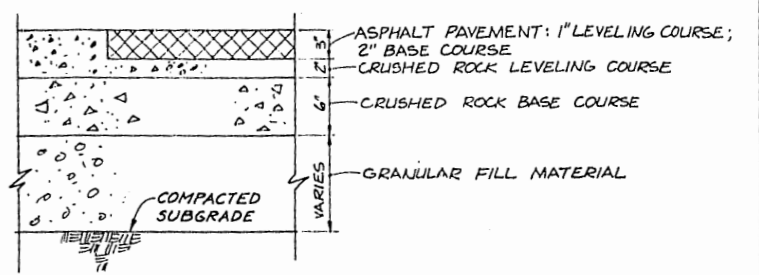
TRENCH BACKFILL
NTS



PIPE BASE AND PIPE ZONE DETAIL
NTS



LANDING ACCESS ROAD DETAIL
NTS

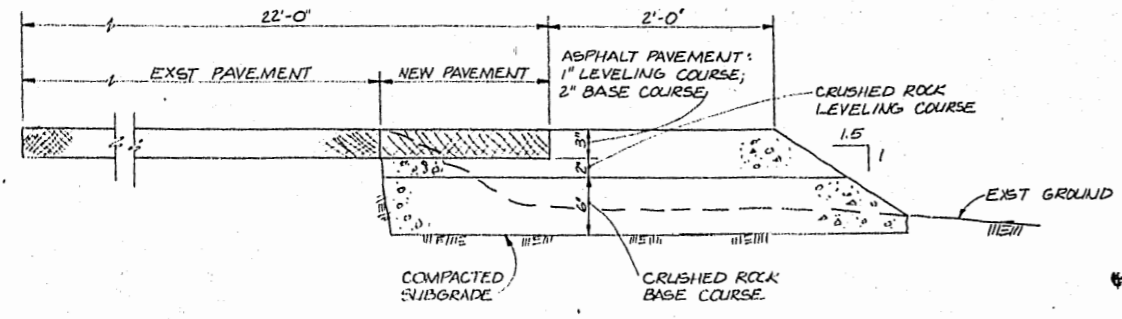


PAVEMENT DETAIL
NTS

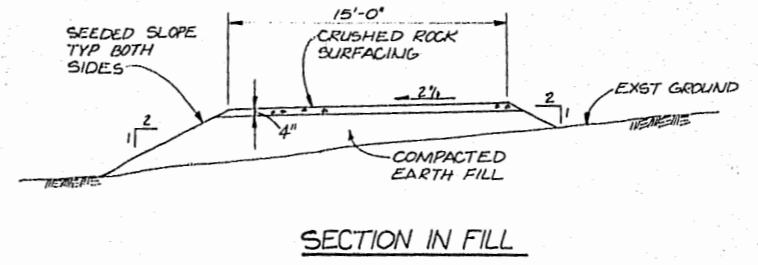


	DES. RASL		NO.	DATE	DESCRIPTION	APPD.	1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN PROFILE NORTH ABUTMENT AND TRENCH BACKFILL DETAILS	SHEET 19
	DR. APE		NO.	DATE	DESCRIPTION	APPD.	FILE NUMBER	APPROVED			COMMISSIONER
	CHK. RASL						JOB NUMBER	APPROVED	ACTING CITY ENGINEER		DATE APR, 1980
	APPD. MDK										DWG. NO. P12717. A1

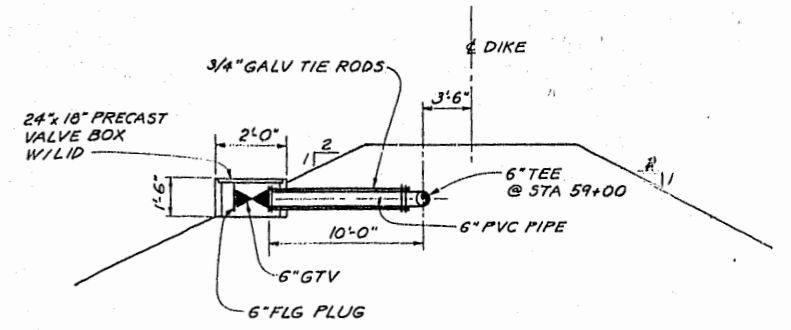
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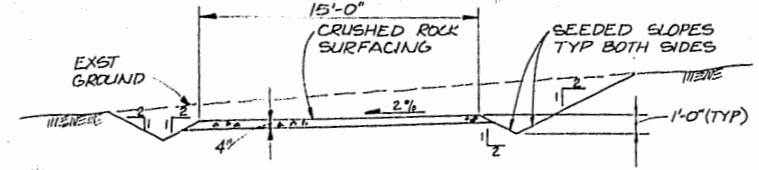
PAVEMENT WIDENING DETAIL
NTS



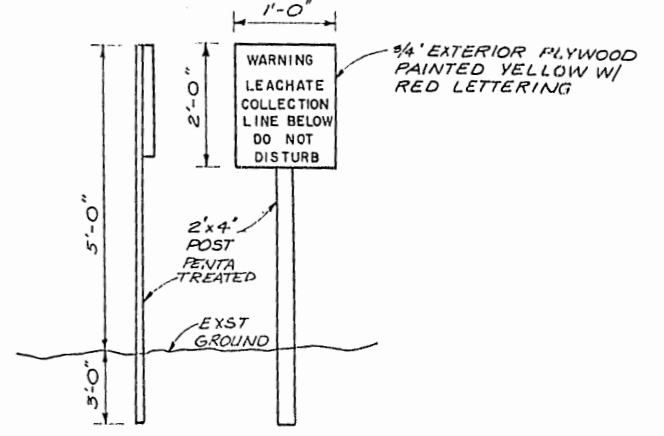
SECTION IN FILL



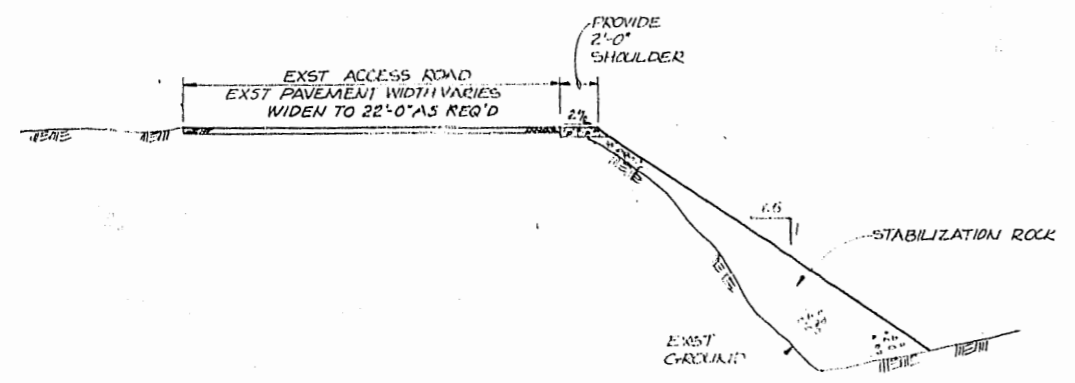
SLOUGH DEWATERING PRESSURE MAIN CONNECTION
NTS



SECTION IN CUT

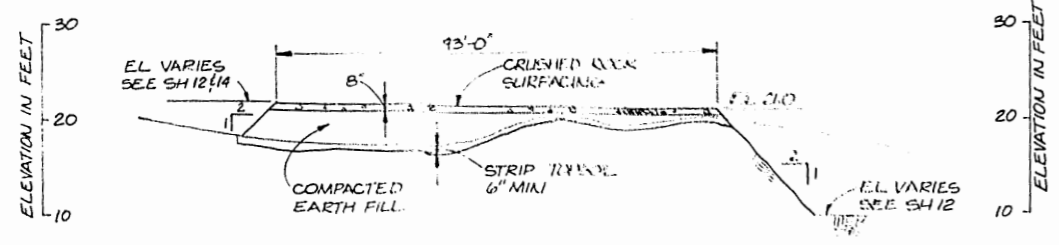


LEACHATE COLLECTION LINE LOCATION SIGN

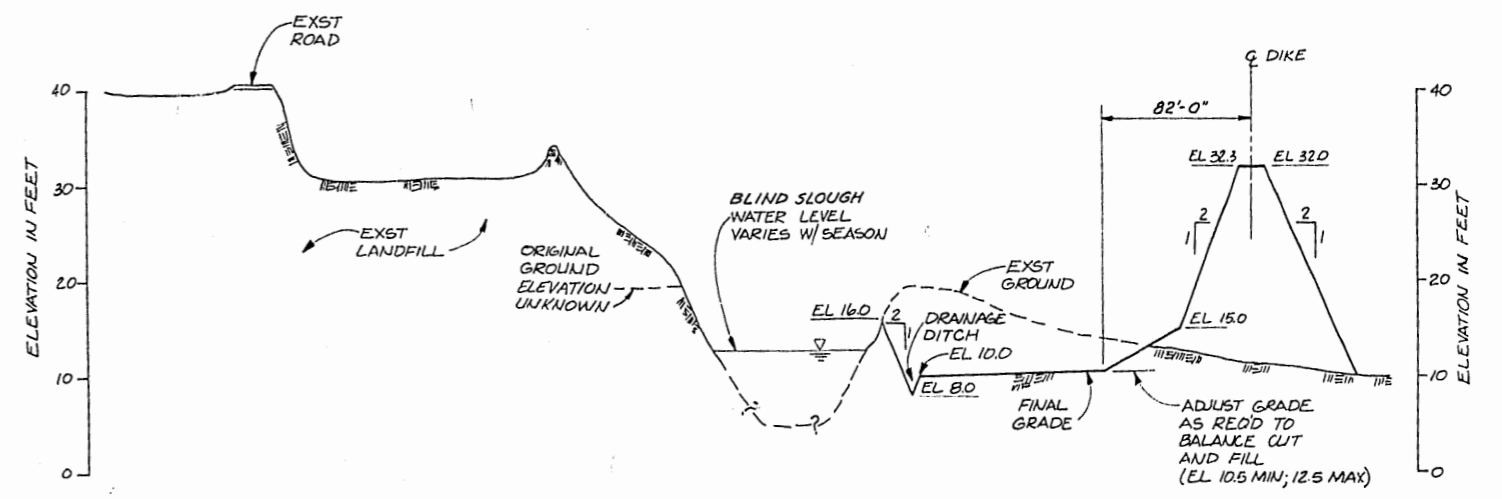


ACCESS ROAD SHOULDER IMPROVEMENT DETAIL
NTS

DIKE ACCESS ROAD DETAILS



LANDING SECTION G
HORZ 1"=20'
VERT 1"=10'

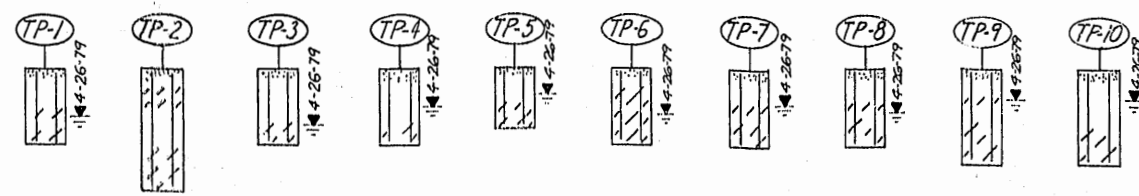
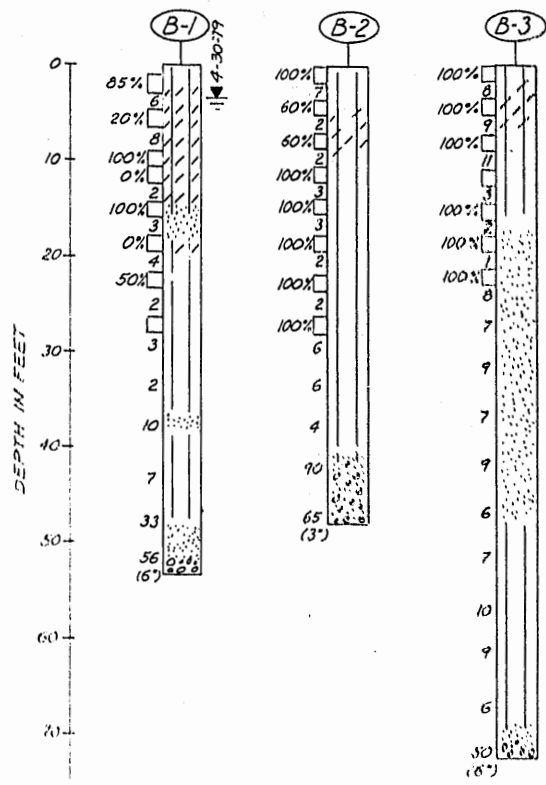


SECTION A
HORZ 1"=50'
VERT 1"=10'



	DES. R.A.S.L.		1/4 SECTION	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN MISCELLANEOUS ACCESS ROAD PAVEMENT AND LANDING SECTIONS	SHEET 20			
	DR. J.A.S.		FILE NUMBER	APPROVED CHIEF: BUREAU SUPERVISOR			REG. PROF. ENG. NO. 3656	COMMISSIONER	OF 26	
	CHK. R.A.S.L.		NO. DATE	DESCRIPTION			APPD.	JOB NUMBER	ACTING CITY ENGINEER	DATE APR. 1980
	APPD. M.A.S.L.		REVISION							DWG. NO. P12717.A1

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LEGEND

	SILT		GRAVEL
	SANDY SILT		SAND
	CLAYEY SILT		SANDY GRAVELS
	SILTY SAND		ORGANIC DEBRIS

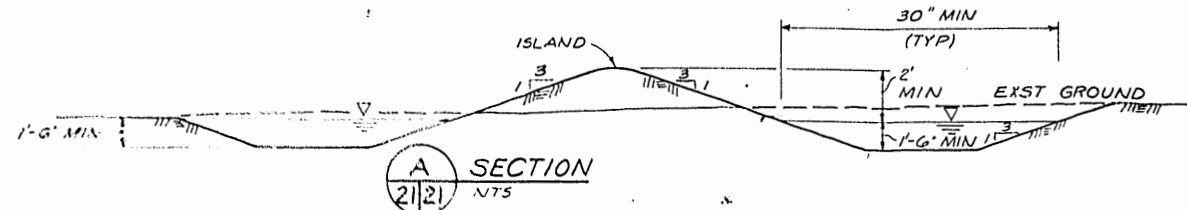
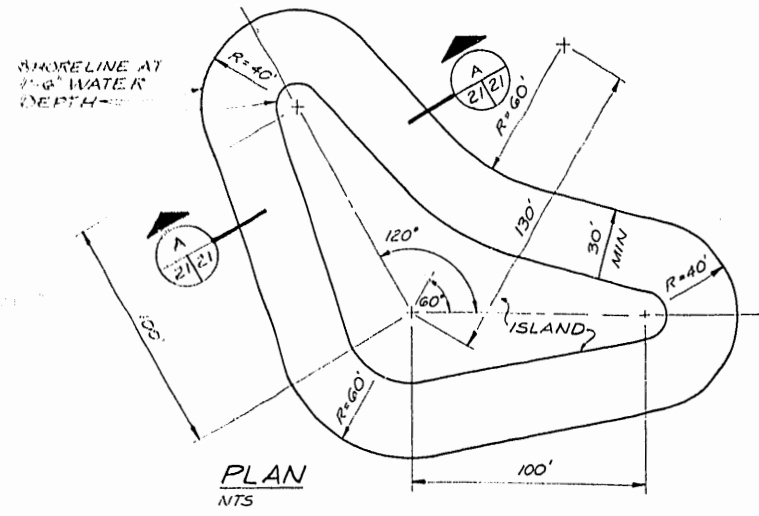
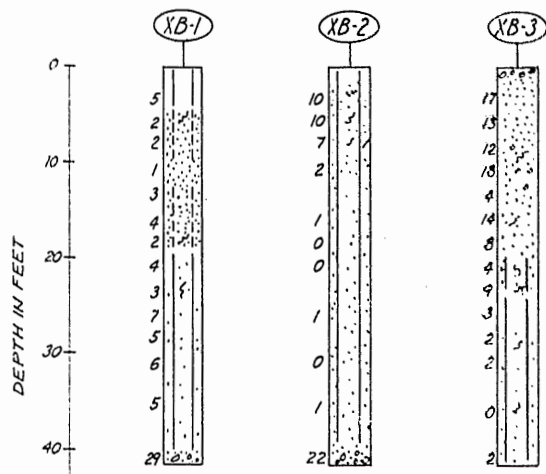
BORING (B) OR TEST PIT (TP) NUMBER

BLOWS/FT (N) STANDARD PENETRATION TEST (2" SPLIT-SPOON SAMPLER)

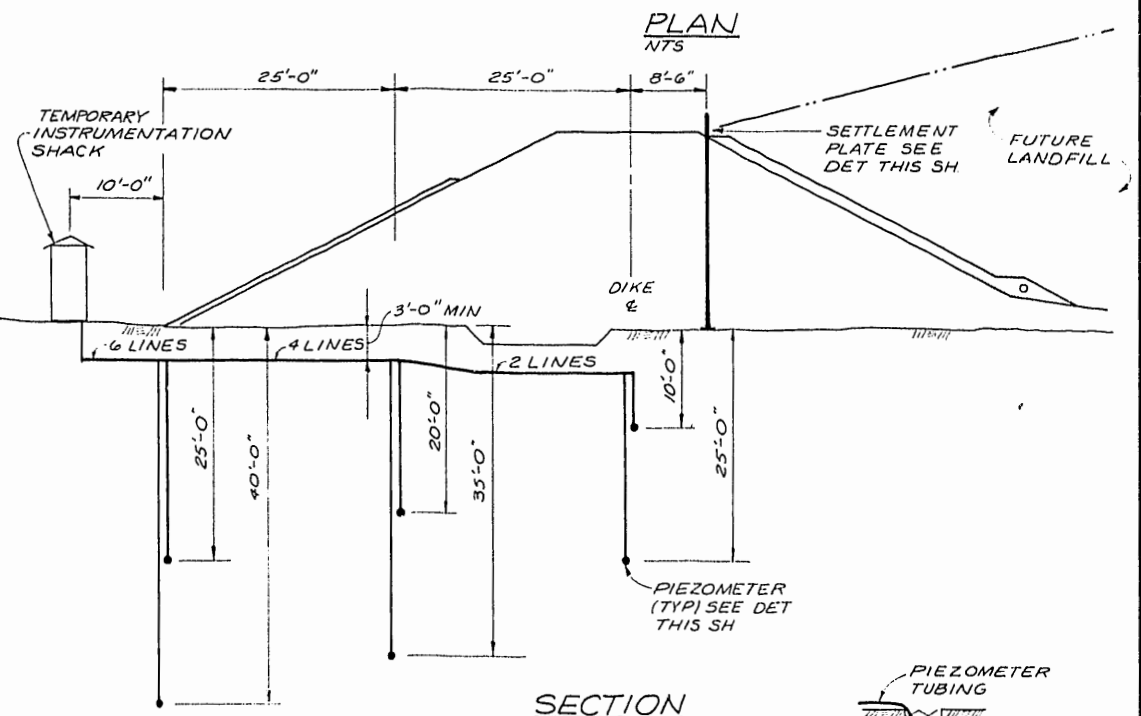
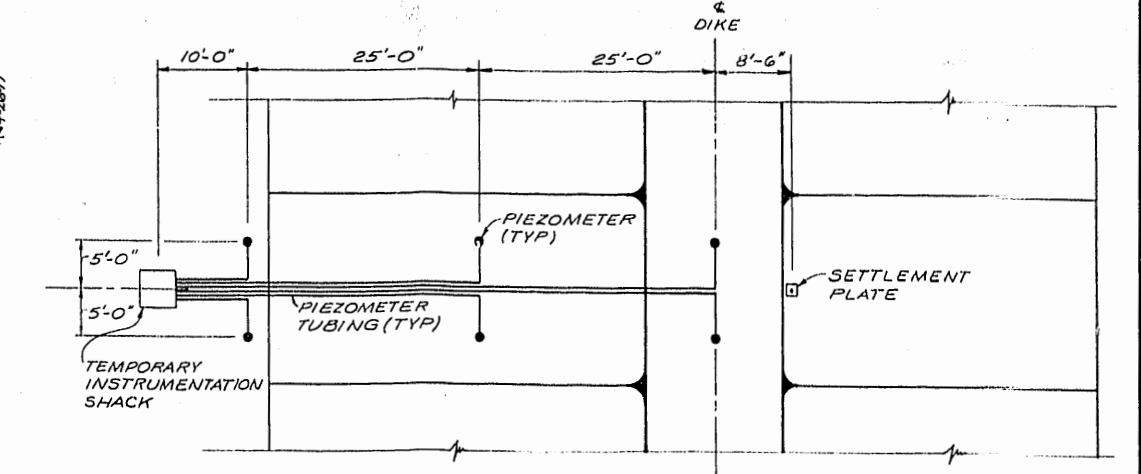
UNDISTURBED SAMPLE (3" SHELBY TUBE) PERCENT RECOVERY

WATER LEVEL ON DATE SHOWN

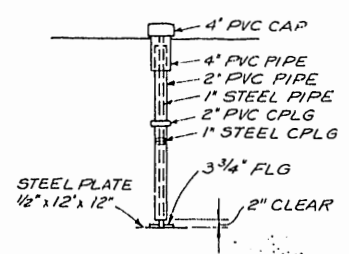
- NOTES:**
- BORINGS B-1 THRU B-3 DRILLED APRIL 30 TO MAY 2, 1979 WITH 4" HOLLOW-STEM AUGER AND A TRUCK MOUNTED DRILL RIG.
 - TEST PITS DUG APRIL 26, 1979 WITH A JOHN DEERE 450 BACKHOE.
 - BORINGS XB-1 THRU XB-3 DRILLED SEPTEMBER 9, 1979 WITH A 12" HOLLOW-STEM AUGER.
 - LOGS REPRESENT ONLY THE OPINION OF THE ENGINEER REGARDING THE TYPE OF MATERIALS ENCOUNTERED.
 - BORING AND TEST PIT LOCATIONS ARE SHOWN ON SH 3 & SH 4.
 - INTERFACES BETWEEN DIFFERING SOIL TYPES ARE APPROXIMATE AND TRANSITIONS MAY BE GRADUAL.
 - WHERE WATER LEVEL IS NOT SHOWN, IT WAS NOT MEASURED.



WATERFOWL NESTING AREA DETAILS

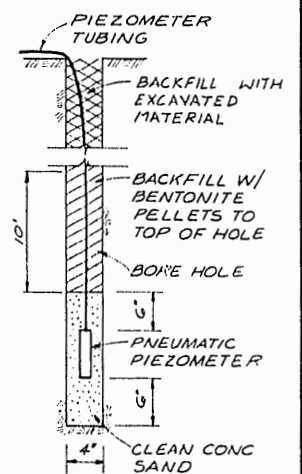


DIKE INSTRUMENTATION DETAILS



- NOTES:**
- TOP OF PLATE SHALL HAVE A MIN OF 6" ABOVE FILL DURING PLACEMENT AND 1" AFTER PRELOAD HAS BEEN COMPLETED
 - FURNISH STEEL AND PVC PIPE IN 5'0" MAX LENGTHS.

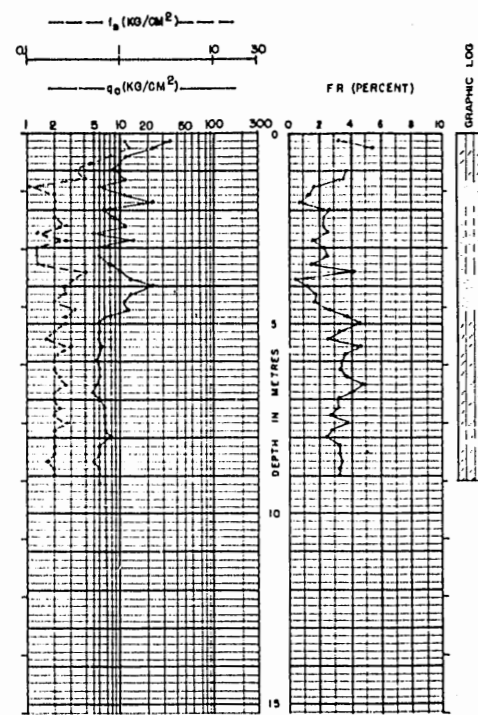
SETTLEMENT PLATE DETAIL



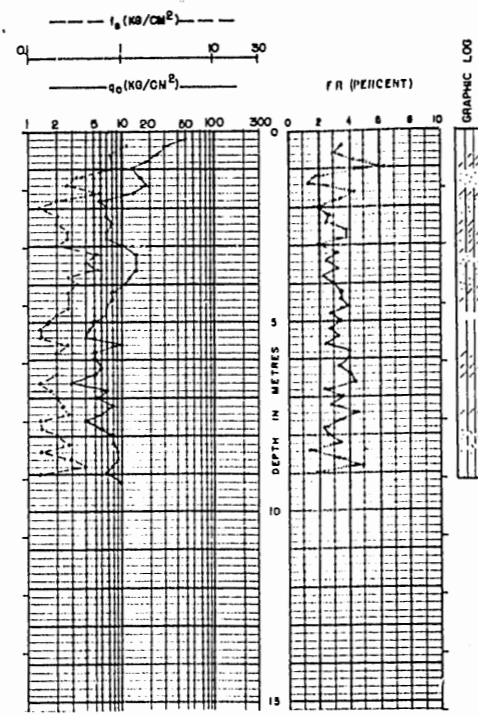
PIEZOMETER DETAIL



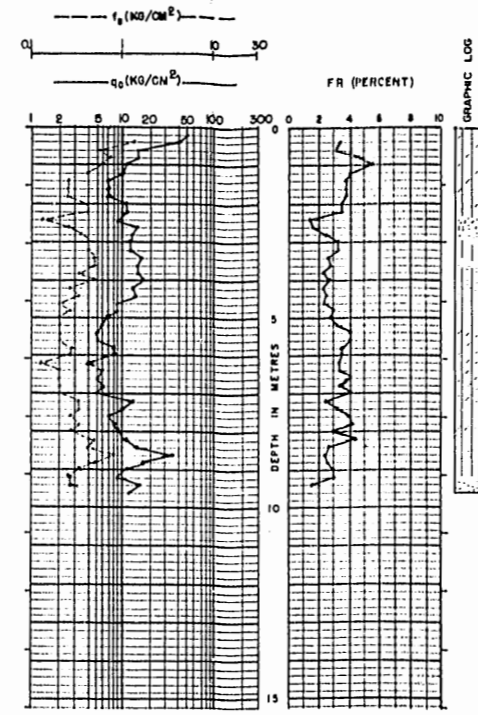
	DES. RASL		NO. DATE	DESCRIPTION	APPD.	JOB NUMBER	OFFICE OF CITY ENGINEER	CITY OF PORTLAND, OREGON DEPARTMENT OF PUBLIC WORKS MIKE LINDBERG JOHN LANG	ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN BORING LOGS, WATERFOWL NESTING AREA DETAILS, AND DIKE INSTRUMENTATION DETAILS	SHEET 21 OF 26 DATE APR. 1980 DWG. NO. P12717.A1
	DR. ALK/BWP		NO. DATE	DESCRIPTION	APPD.	JOB NUMBER	APPROVED: <i>John M. Lang</i> CHIEF: BUREAU SANITARY ENGINEER, REG. PROF. ENG. NO. 3656 APPROVED: <i>John M. Lang</i> ACTING CITY ENGINEER, REG. P.E. ENG. NO. 8416			APPROVED: <i>John M. Lang</i> COMMISSIONER JOHN LANG ACTING CITY ENGINEER



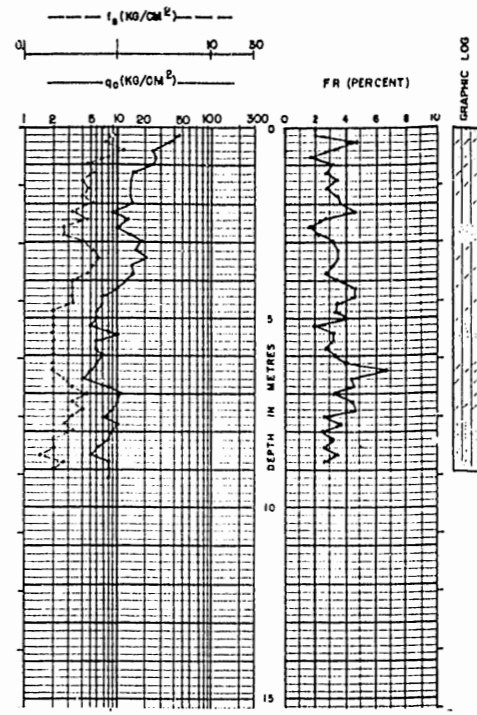
P-1
GROUND EL. 16.5'



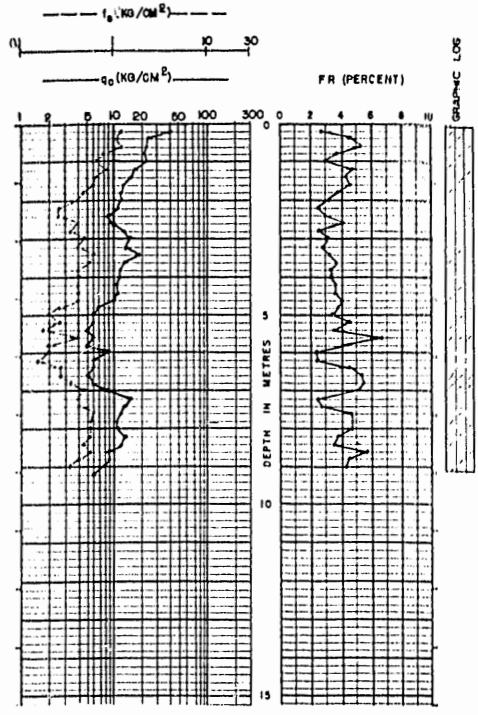
P-2
GROUND EL. 17.0'



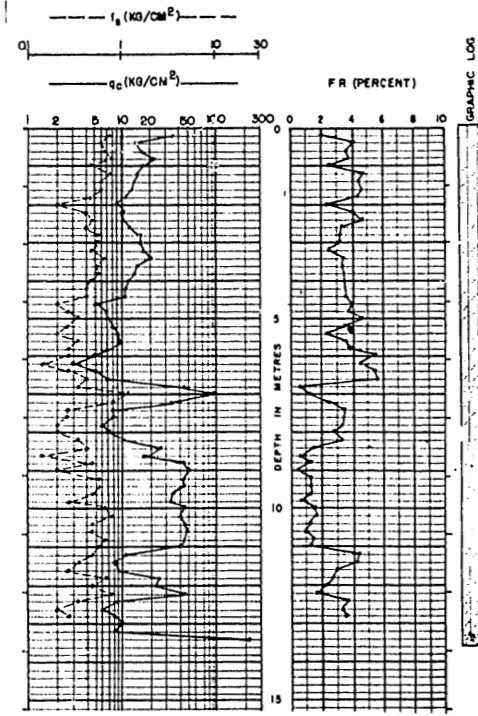
P-3
GROUND EL. 16.5'



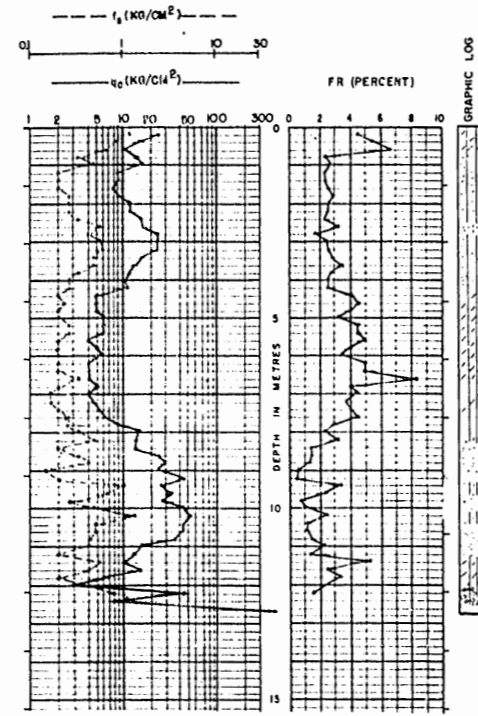
P-4
GROUND EL. 15.5'



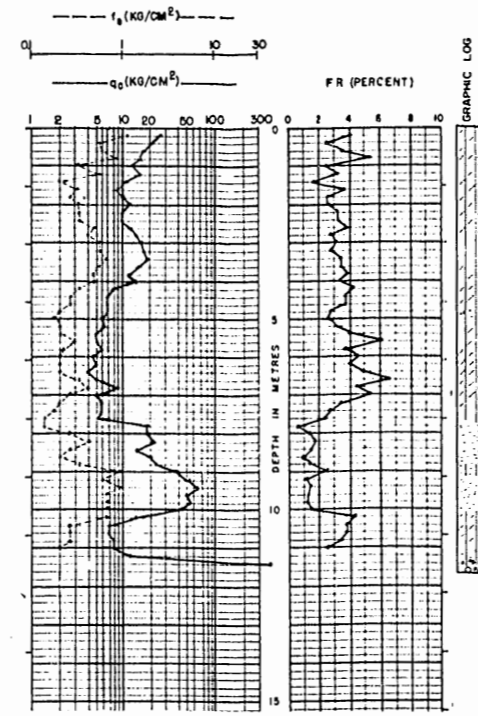
P-5
GROUND EL. 15.0'



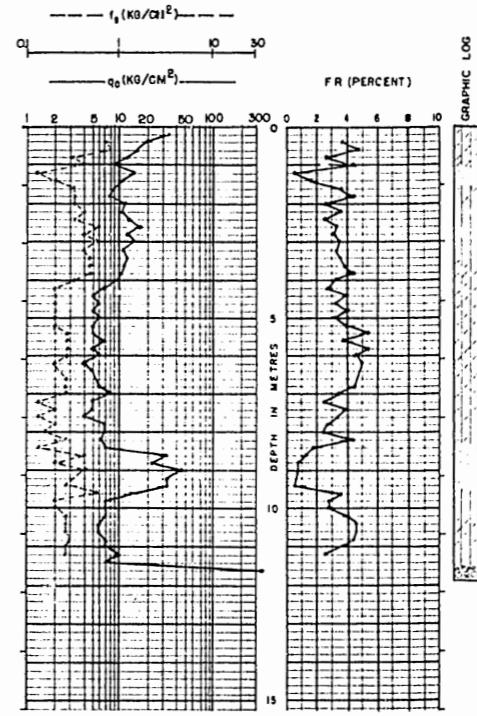
P-6
GROUND EL. 15.0'



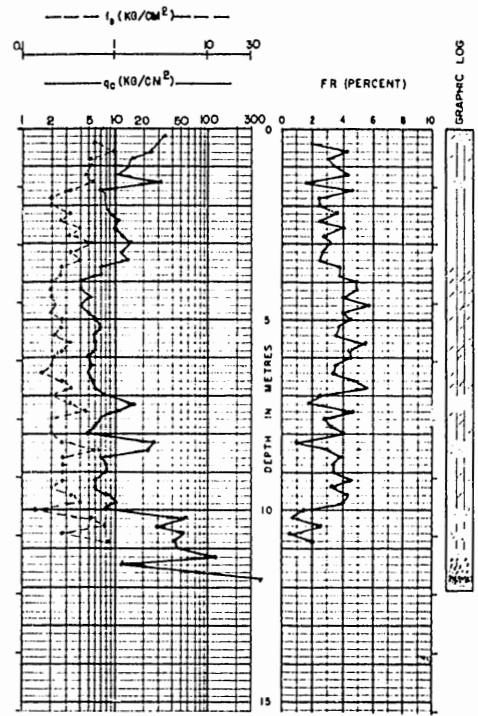
P-7
GROUND EL. 14.5'



P-8
GROUND EL. 14.0'



P-9
GROUND EL. 14.0'



P-10
GROUND EL. 15.0'

NOTE: SEE SH26 FOR LEGEND, LOG SYMBOLS & NOTES



CH2M HILL
DES. RASL
DR. ALR
CHK. RASL
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

I/4 SECTION
FILE NUMBER
JOB NUMBER

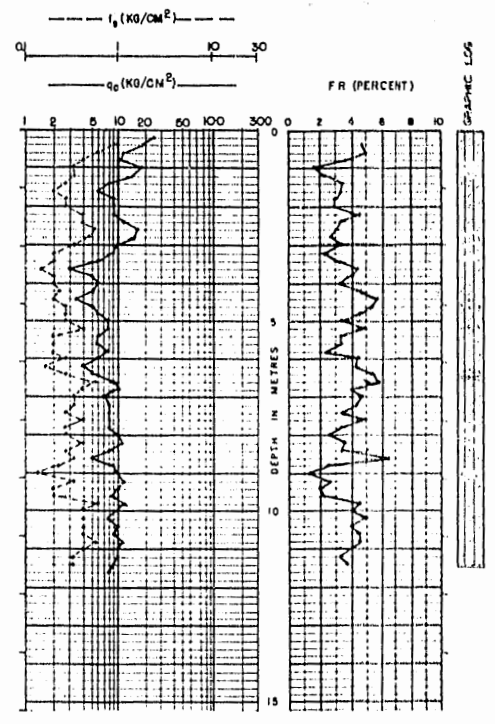
OFFICE OF CITY ENGINEER
APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656
CHIEF: BUREAU SA...
APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

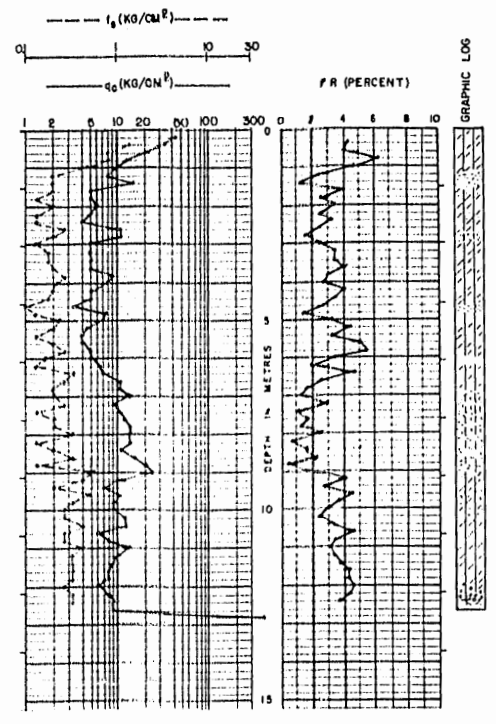
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SOIL TEST PROBES

SHEET 22
OF 26
DATE APR. 1980
DWG. P12717.A1
NO.

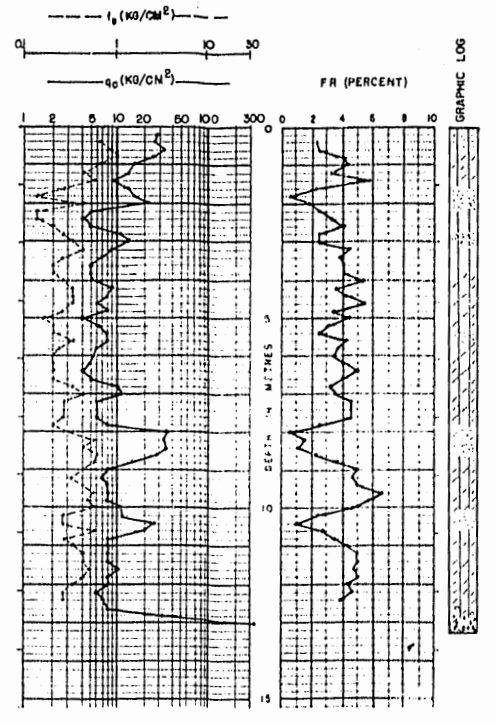
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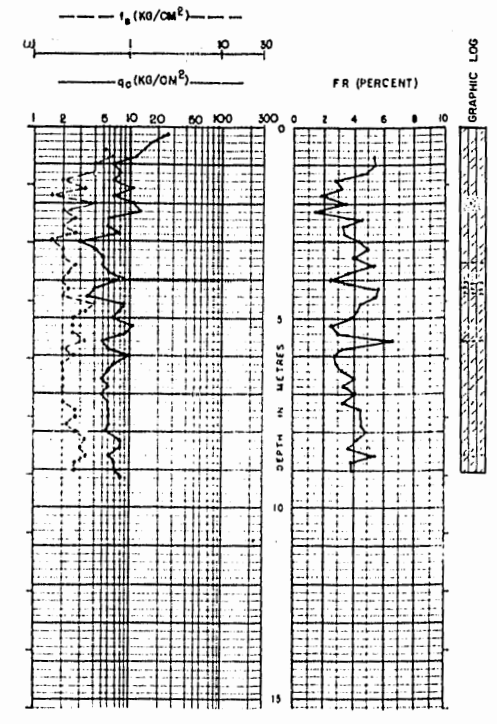
P-11
GROUND EL.13.0'



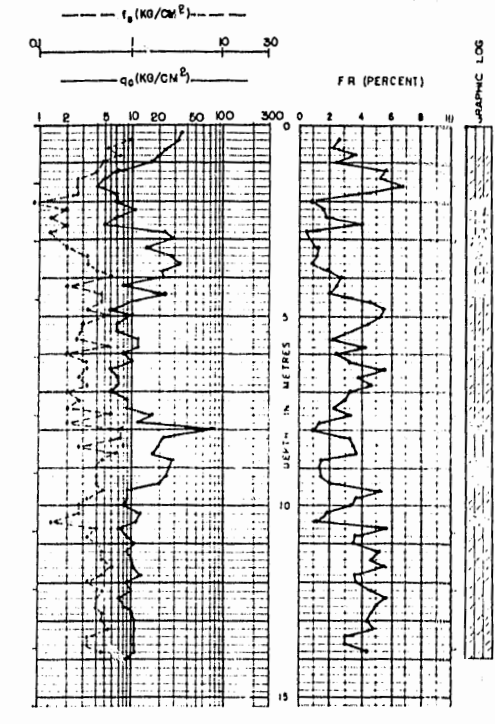
P-12
GROUND EL.14.0'



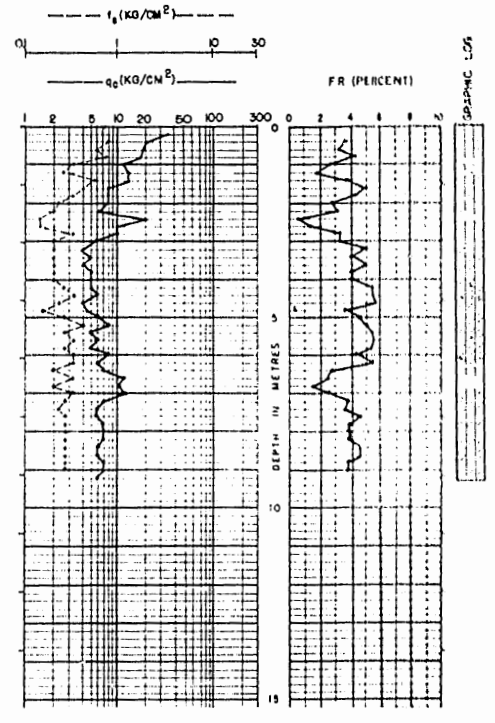
P-13
GROUND EL.15.0'



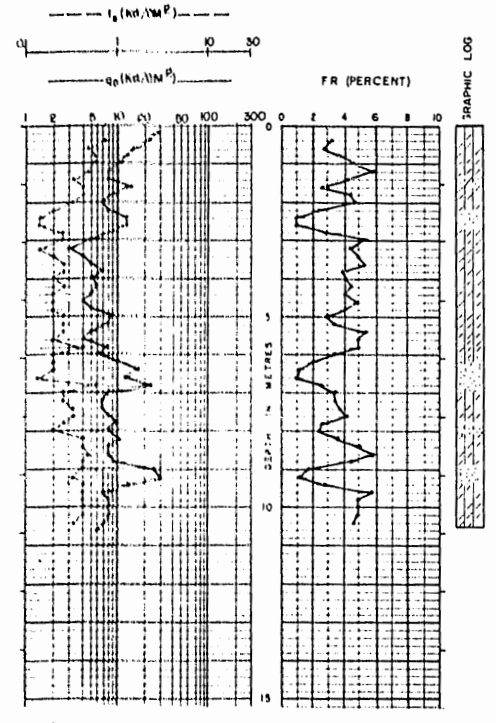
P-14
GROUND EL.16.0'



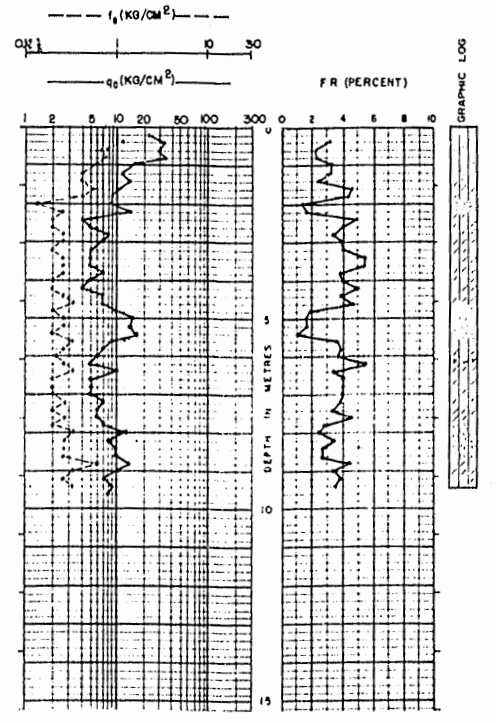
P-15
GROUND EL.17.0'



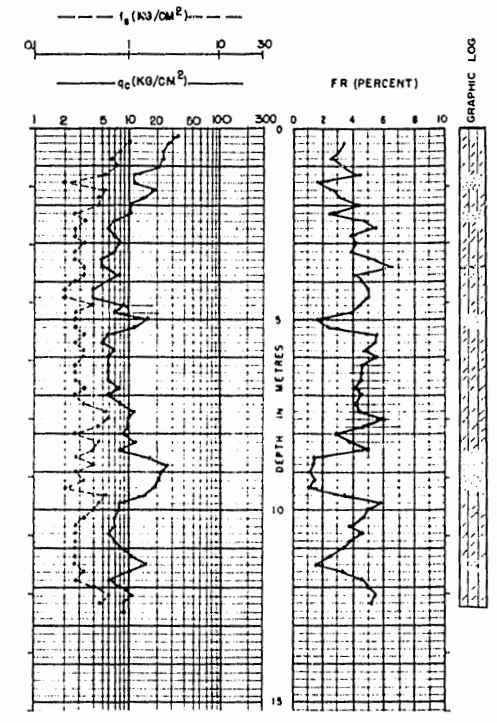
P-16
GROUND EL.17.5'



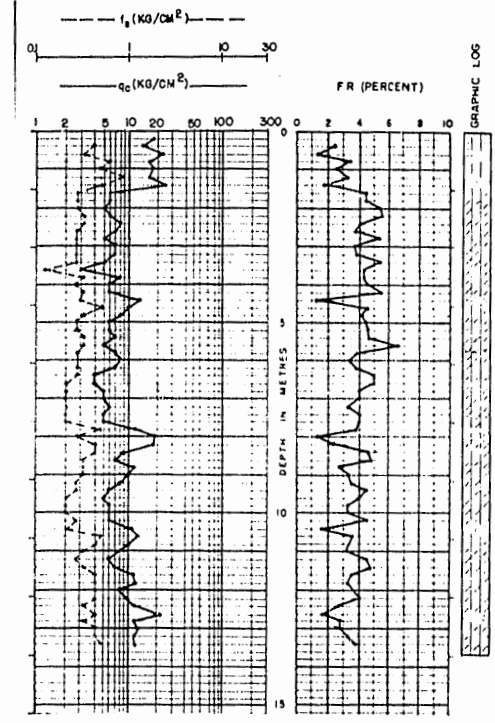
P-17
GROUND EL.15.5'



P-18
GROUND EL.14.5'



P-19
GROUND EL.14.0'



P-20
GROUND EL.13.5'

NOTE: SEE SH 26 FOR LEGEND, LOG SYMBOLS & NOTES



CH2M HILL
DES. A45L
DR. A45L
CHK. A45L
APPD. MDA



NO.	DATE	DESCRIPTION	APPD.

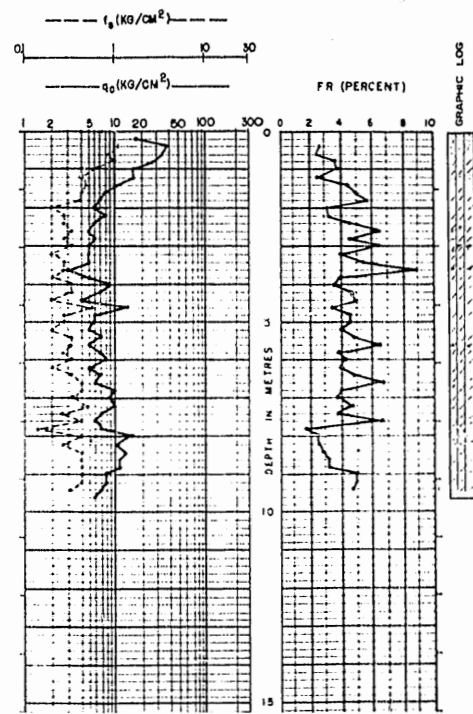
OFFICE OF CITY ENGINEER
APPROVED: *[Signature]*
CHIEF: BUREAU SANITARY ENGINEER, REG. PROF. ENG. NO. 3656
APPROVED: *[Signature]*
ACTING CITY ENGINEER, REG. PROF. ENG. NO. 8416

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

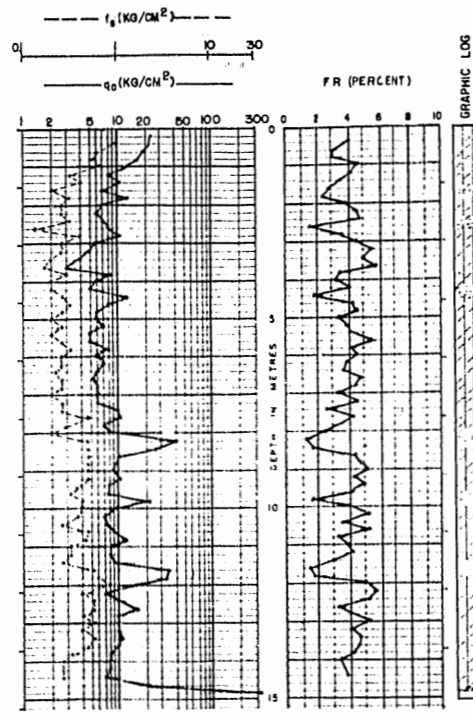
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SOIL TEST PROBES

SHEET 23
OF 26
DATE APR. 1980
DWG. P12717.A1
NO.

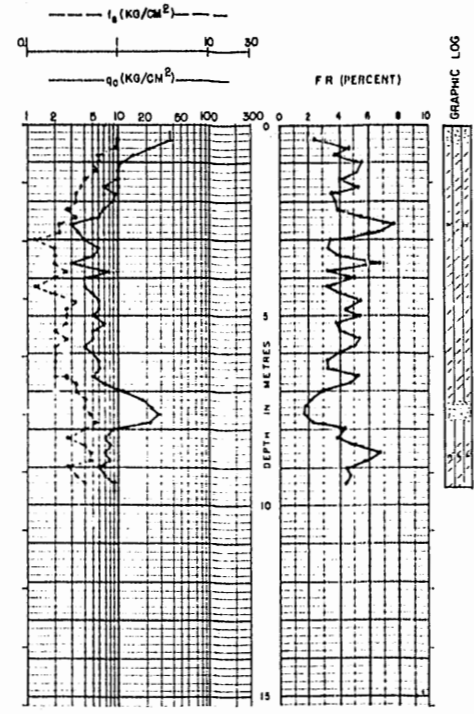
THIS PRINT IS REDUCED TO ONE HALF OF THE ORIGINAL SCALE



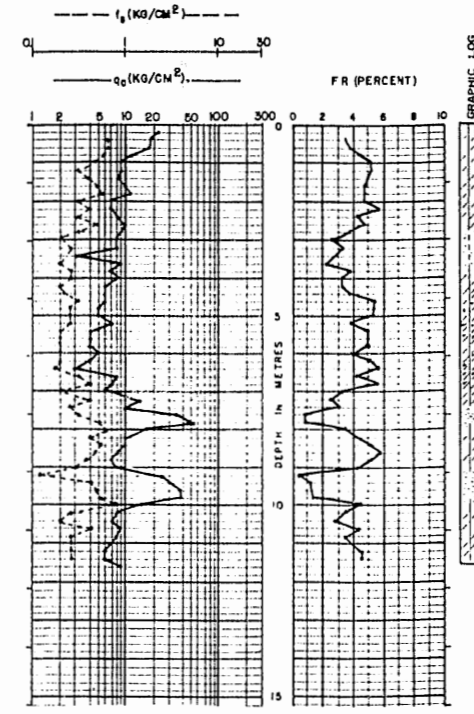
P-21
GROUND EL. 14.0'



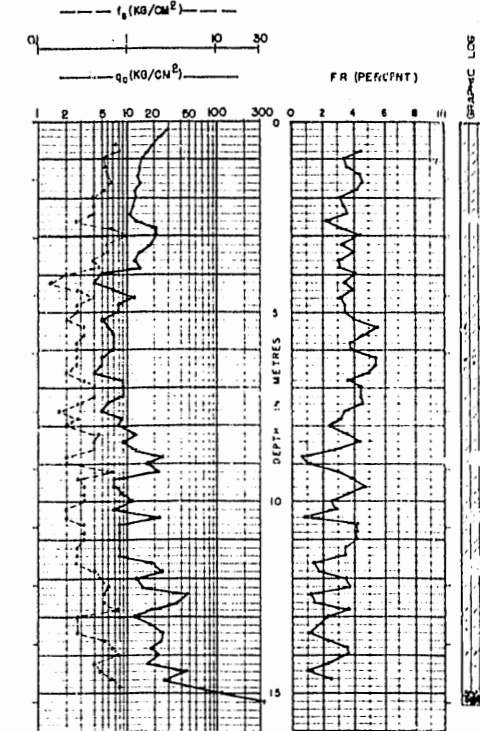
P-22
GROUND EL. 14.0'



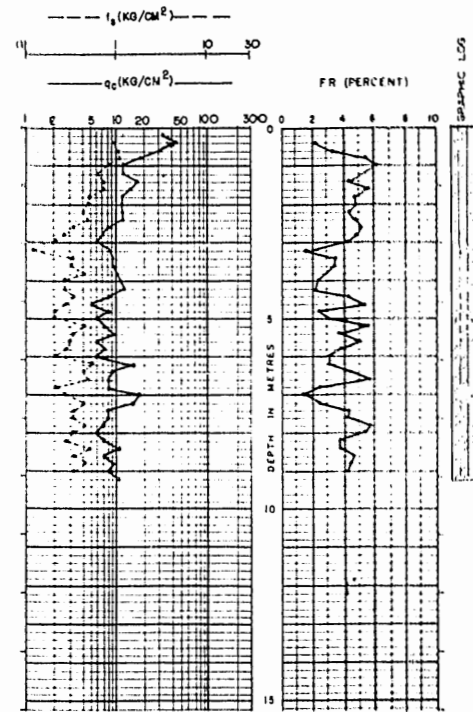
P-23
GROUND EL. 12.0'



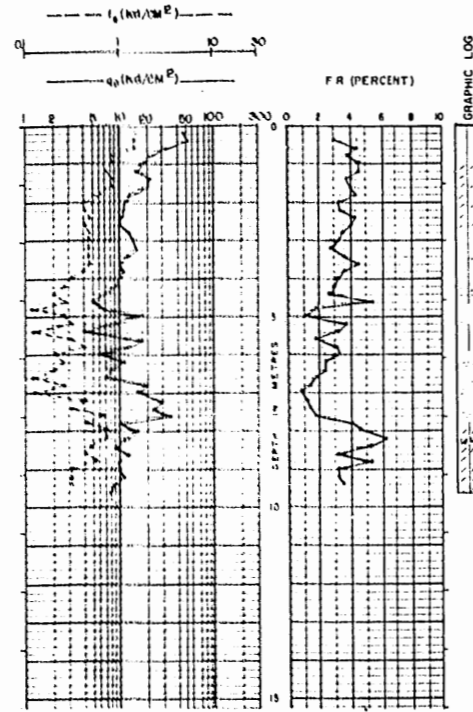
P-24
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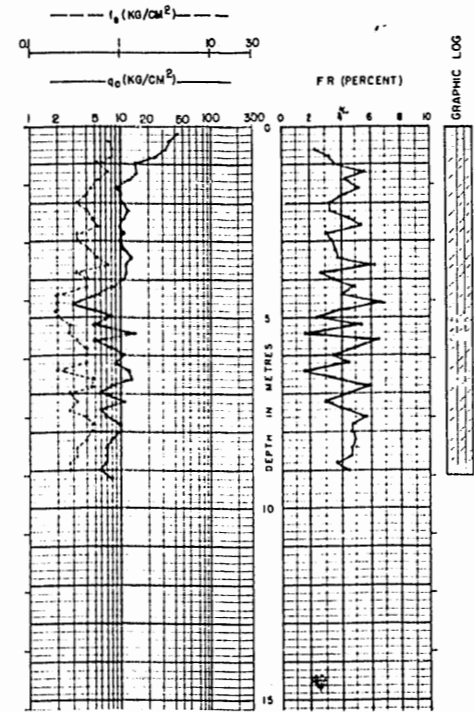
P-25
GROUND EL. 13.5'



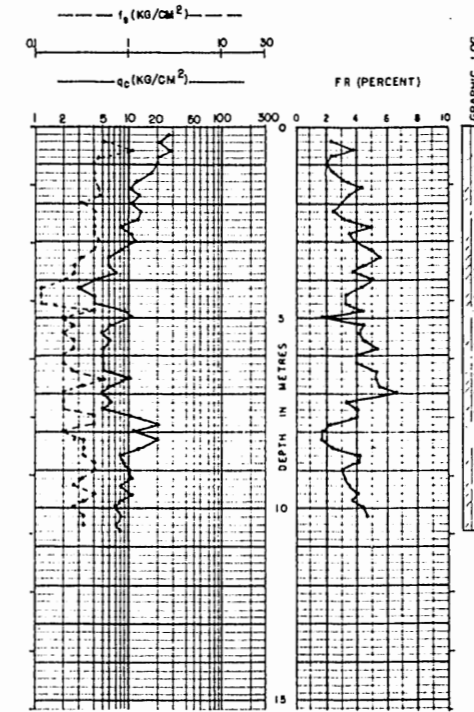
P-26
GROUND EL. 18.0'



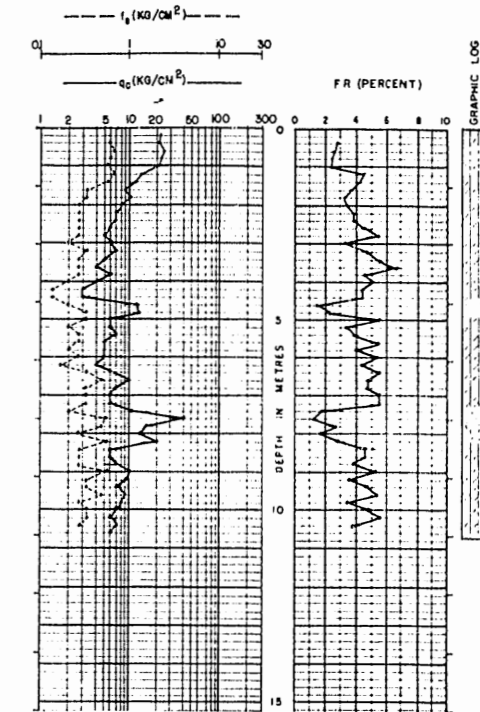
P-27
GROUND EL. 15.5'



P-28
GROUND EL. 17.0'



P-29
GROUND EL. 14.0'



P-30
GROUND EL. 13.0'

NOTE: SEE SH 26 FOR LEGEND, LOG SYMBOLS & NOTES



CH2M HILL
DES. RASL
DR. ALA
CHK. RASL
APPD. MDK



NO.	DATE	DESCRIPTION	APPD.

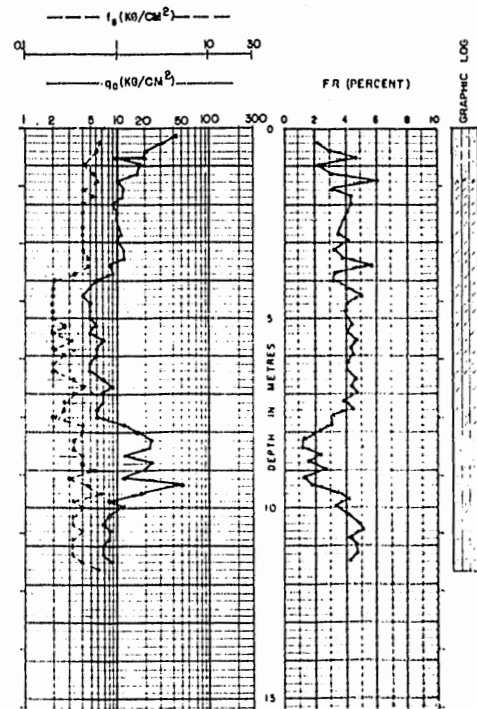
OFFICE OF CITY ENGINEER
APPROVED: *John M. Lang*
CHIEF: BUREAU SAN. ENGR. REG. PROF. ENG. NO. 3656
ACTING CITY ENGINEER: *John M. Lang* REG. PROF. ENG. NO. 8416

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

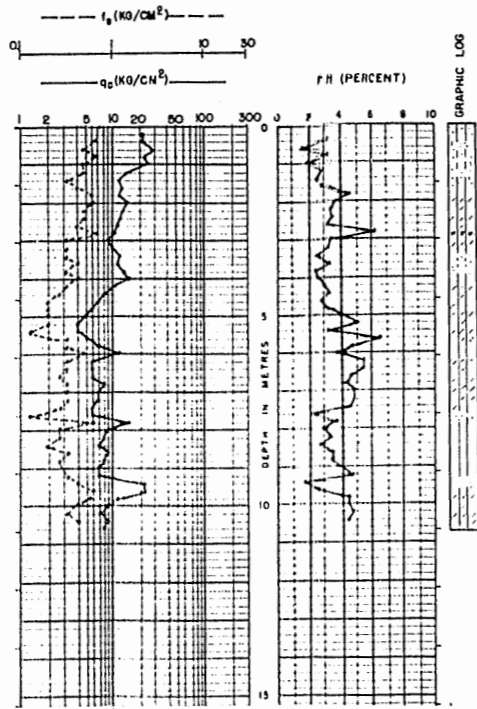
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SOIL TEST PROBES

SHEET 24
OF 26
DATE APR. 1980
DWG. P12717.A1

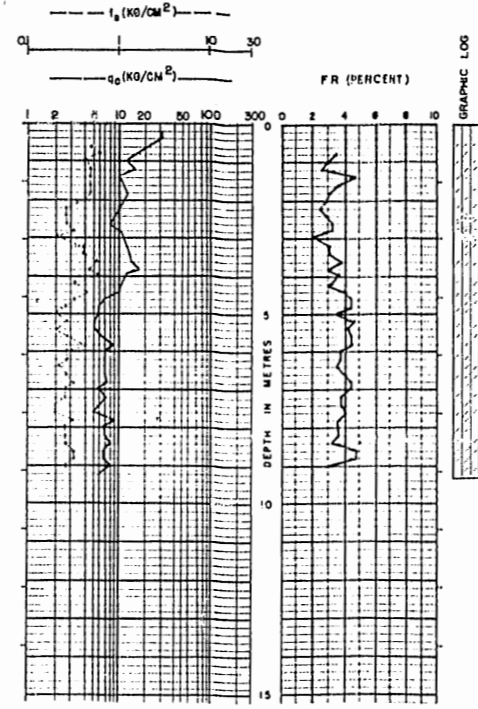
THIS PRINT IS REDUCED TO ONE HALF OF THE ORIGINAL SCALE



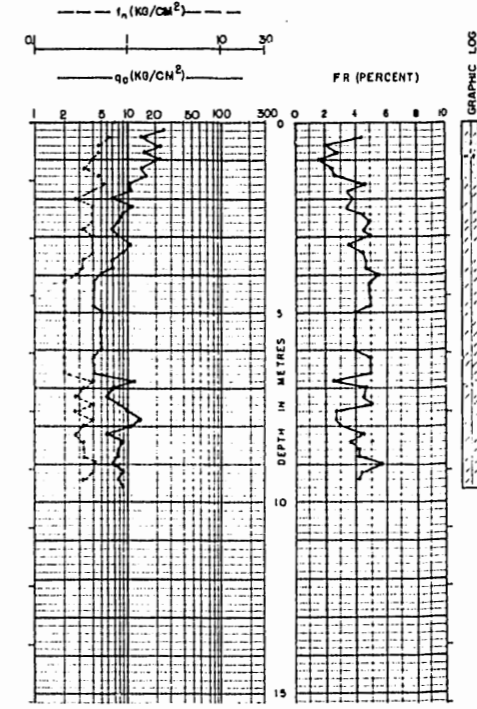
P-31
GROUND EL. 14.0'



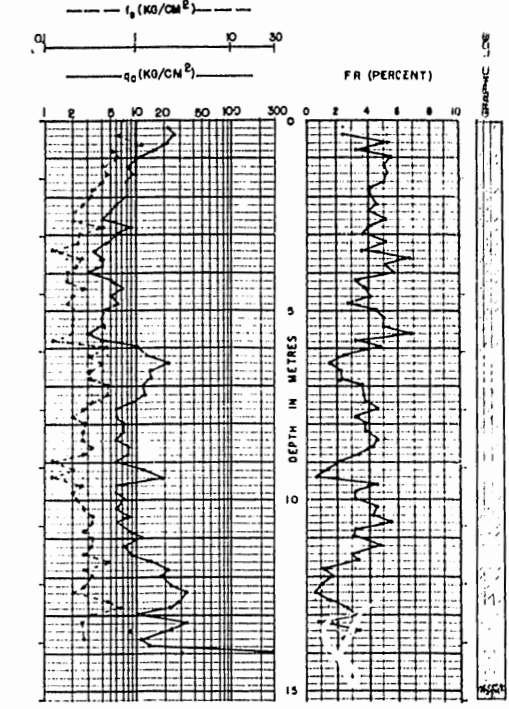
P-32
GROUND EL. 16.0'



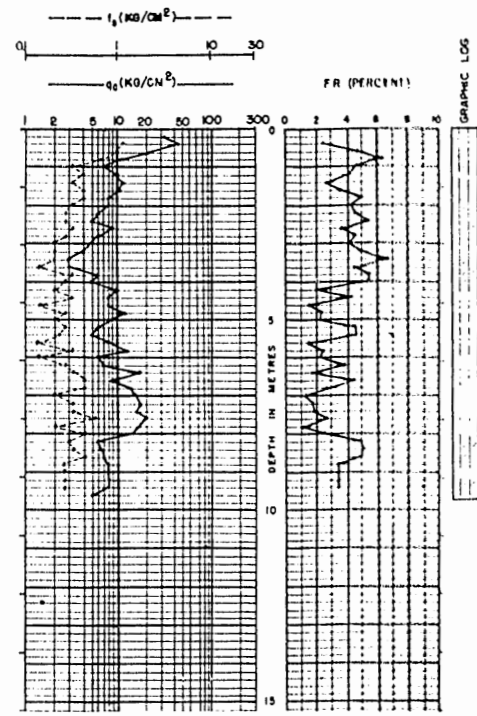
P-33
GROUND EL. 16.0'



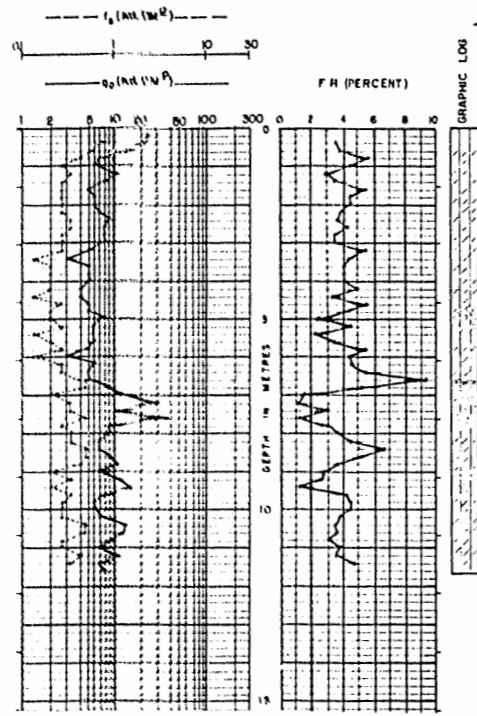
P-34
GROUND EL. 13.5'



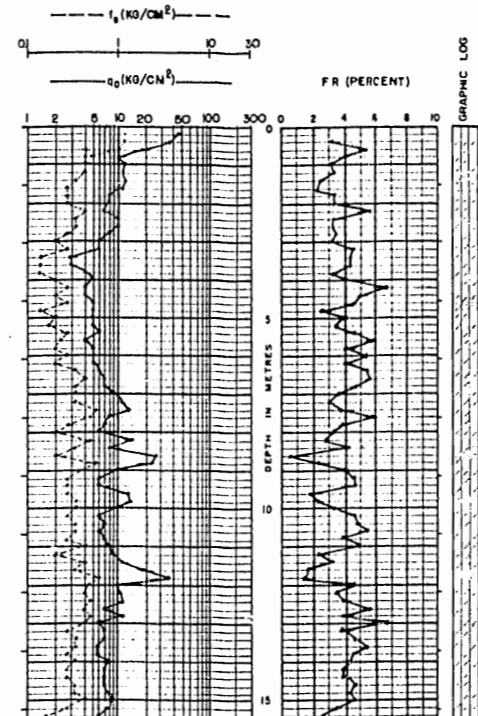
P-35
GROUND EL. 12.0'



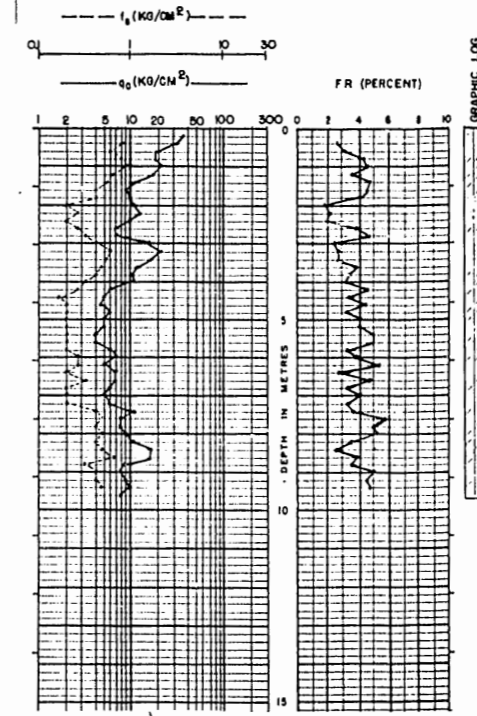
P-36
GROUND EL. 12.0'



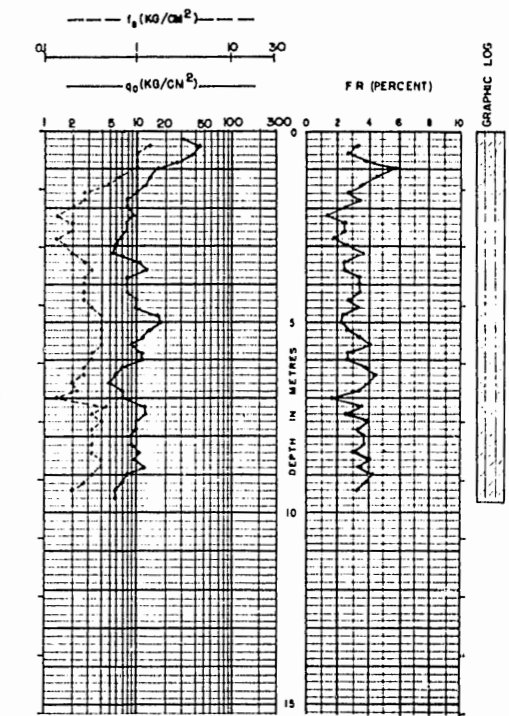
P-37
GROUND EL. 12.0'



P-38
GROUND EL. 12.0'



P-39
GROUND EL. 14.0'



P-40
GROUND EL. 20.0'

NOTE: SEE SH 26 FOR LEGEND, LOG SYMBOLS & NOTES



CH2M HILL
DES. ASISL
DR. ALA
CHK. ASISL
APPD. MDA

NO.	DATE	DESCRIPTION	APPD.

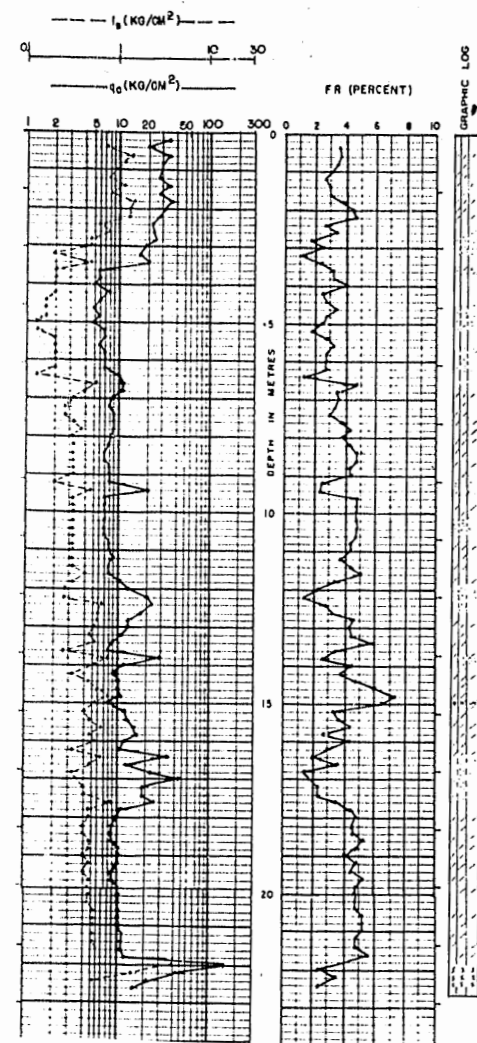
OFFICE OF CITY ENGINEER
APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656
CHIEF: BUREAU SAN. ENGR.
APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
DEPARTMENT OF PUBLIC WORKS
MIKE LINDBERG COMMISSIONER
JOHN LANG ACTING CITY ENGINEER

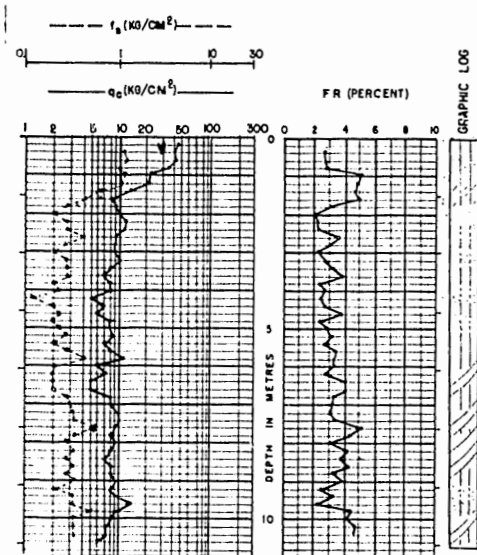
ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN
SOIL TEST PROBES

SHEET 25
OF 26
DATE APR, 1980
DWG. P12717.A1
NO.

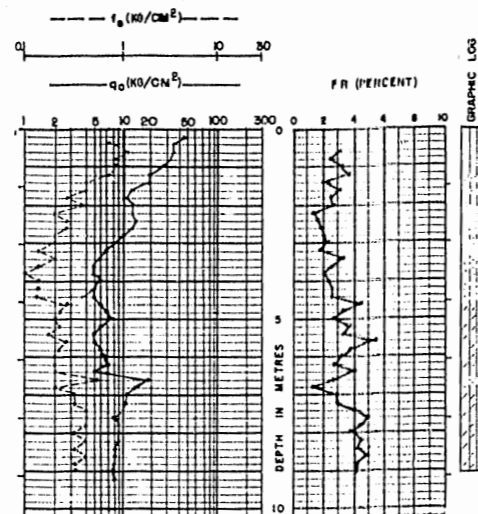
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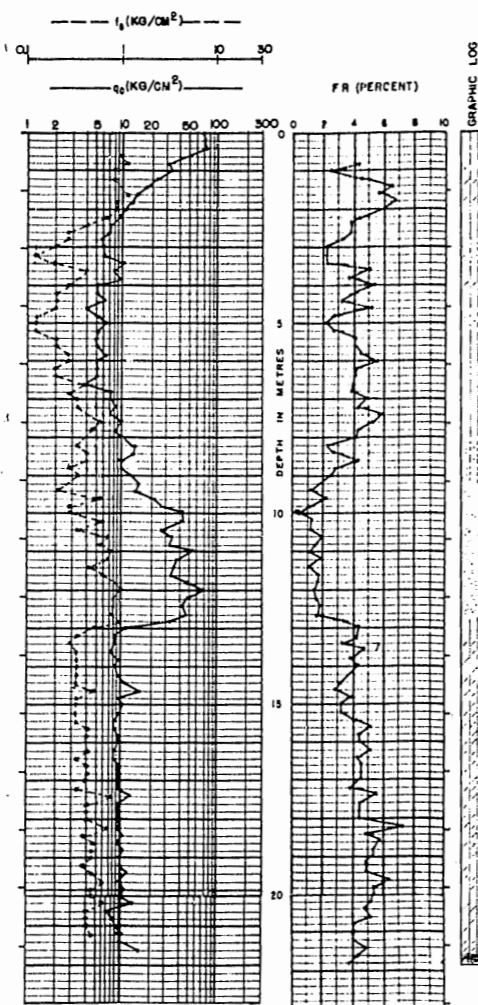
P-41
GROUND EL. 23.5'



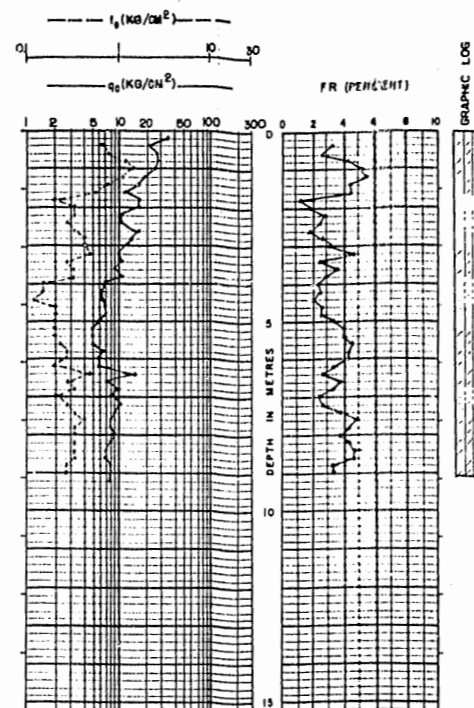
P-46
GROUND EL. 21.0'



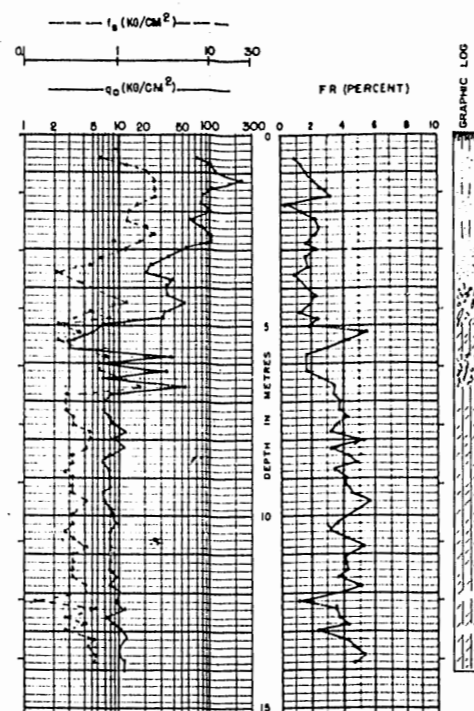
P-42
GROUND EL. 23.5'



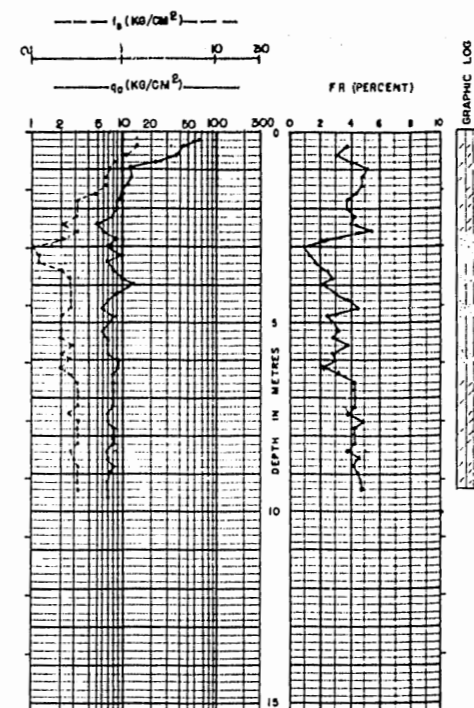
P-47
GROUND EL. 21.0'



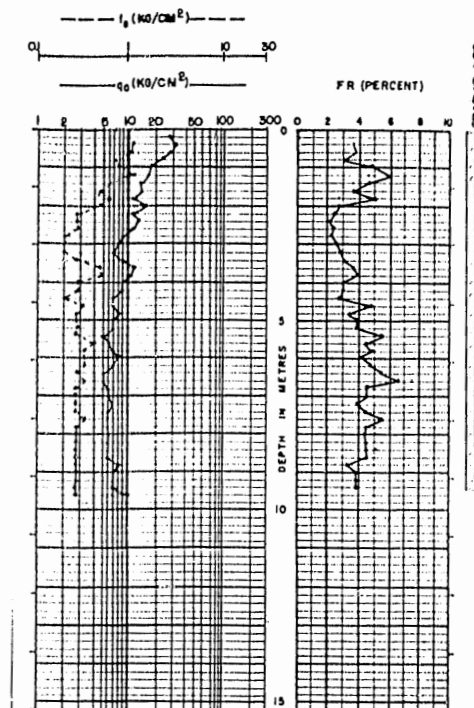
P-43
GROUND EL. 23.5'



P-48
GROUND EL. 23.5'



P-44
GROUND EL. 21.0'



P-45
GROUND EL. 20.0'

LEGEND

q_c = PENETROMETER POINT RESISTANCE
 f_s = LOCAL SLEEVE FRICTION
 FR = FRICTION RATIO = f_s / q_c

LOG SYMBOLS

- [Symbol] SILT
- [Symbol] SANDY SILT
- [Symbol] CLAYEY SILT
- [Symbol] SILTY SAND
- [Symbol] SAND
- [Symbol] GRAVEL
- [Symbol] VOLCANIC ASH
- [Symbol] ORGANICS
- [Symbol] GARBAGE

NOTES:

1. PROBE TEST HOLES PERFORMED 20 TO 28 AUGUST 1979 USING A BEGEMANN TYPE DUTCH CONE PUSHED BY A 10 TON HYDRAULIC UNIT.
2. GRAPHIC LOGS INTERPRETED FROM PENETROMETER POINT RESISTANCE AND SLEEVE FRICTION USING THE SCHMERTMANN PROCEDURE, AND REPRESENTS ONLY THE OPINION OF THE ENGINEER. NO WARRANTY IS EXPRESSED OR IMPLIED.
3. GROUND ELEVATIONS ESTIMATED FROM CONTOUR MAP WITH AN ACCURACY OF PLUS OR MINUS 1 FOOT.
4. ELEVATIONS BASED ON PORTLAND CITY DATUM.
5. PROBE TEST HOLES LOCATIONS ARE SHOWN ON SH 3 AND 4.



DES. RASL	
DR. ALR	
CHK. RASL	
APPD. MDK	

NO.	DATE	DESCRIPTION	APPD.

1/4 SECTION
FILE NUMBER
JOB NUMBER

OFFICE OF CITY ENGINEER
 APPROVED: *[Signature]* REG. PROF. ENG. NO. 3656
 CHIEF: BUREAU SOIL TESTS
 APPROVED: *[Signature]* REG. PROF. ENG. NO. 8416
 ACTING CITY ENGINEER

CITY OF PORTLAND, OREGON
 DEPARTMENT OF PUBLIC WORKS
 MIKE LINDBERG COMMISSIONER
 JOHN LANG ACTING CITY ENGINEER

ST JOHN'S SANITARY LANDFILL EXPANSION AREA DESIGN	SHEET 26
SOIL TEST PROBES	OF 26
	DATE APR. 1980
	DWG. P12717.A1
	NO.

THIS PRINT IS REDUCED TO ONE HALF OF THE ORIGINAL SCALE

EXHIBIT "B"

Inventory & Existing
Landfill Improvements
& Associated Equipment

EXHIBIT "B"

Inventory & Existing
Landfill Improvements
& Associated Equipment

City of Portland Inventory List -
Equipment to Remain at Landfill

1. Air Conditioner, 2 Ton, No. 80522
2. Air Conditioner, Wall Type, No. 80523
3. Blow Fence Panels (65 Items)
4. Gasoline Electric Pump No. 73362
5. Diesel Electric Pump --
6. Water Electric Pump --
7. Irrigation Pipe - 8" Dia. - 3360 Ft w/1160 Ft damaged
6" Dia. - 2080 Ft w/560 Ft damaged
8. Sprinkler System - 3" Dia. 13 (40') Lengths and 1 @
22 Ft. - 542 Ft.
9. Assorted Pipe Fittings
10. Watchman Clock No. 49026
11. Digital Clock No. 66903
12. Cash Register No. 59077
13. Water Cooler No. 80681
14. Platform Ladder No. 75938
15. Platform Ladder No. 76751
16. Data Recorder No. 66236
17. Data Recorder No. 66247
18. Data Recorder No. 66796
19. Pipe Trailer No. 73250
20. One Story Wood Frame Dwelling
21. One 12x52' Mobile Office & Shower Facility
22. One 108 Ft² Toll Booth
23. One 402 Ft² Toll Booth

City of Portland Inventory List -
Equipment to Remain at Landfill

24. One Metal Industrial Type Building
1st Stage 20'x28'; 2nd Stage 24'x28'
25. Paved Roads
26. Approx. 1000 Lin. Ft. of Cyclone Fence
27. Blacktop Surfaced Wash Rack
28. Two Fuel Pumps Including a 1000 and a 2000 Gal. Tanks
29. One Small Portable Wood Frame Building
30. Several Gravel Parking Areas

EXHIBIT "C"

Copy of Memo Concerning
Incinerator Road Bridge

From: R. F. Dow
To: J. P. Niehuser

Dated March 21, 1980

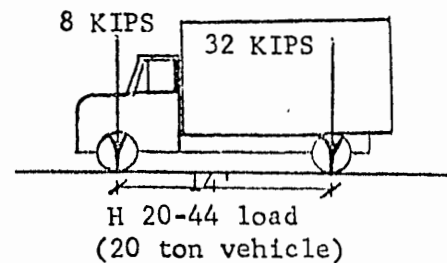
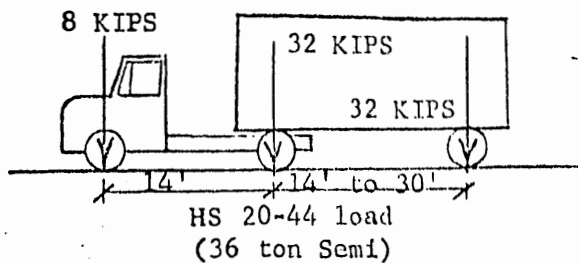
CITY OF PORTLAND
INTER-OFFICE CORRESPONDENCE
 (NOT FOR MAILING)

149360

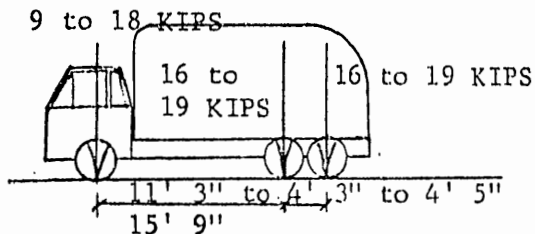
March 21, 1980

From R. F. Dow
To J. P. Niehuser
Addressed to
Subject St. Johns Landfill
 Bridge - Allowable Loads

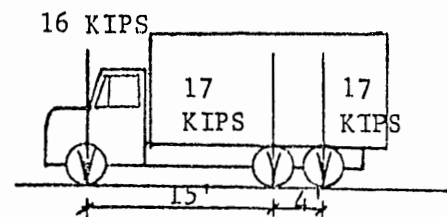
The bridge was rated by Streets and Structures on June 14, 1978 for HS 20-44 loads. The present St. Johns Landfill contract states the live load rating on the bridge is HS 20-44. The contract states the maximum load is 20 tons per vehicle and 36 tons per semi.



The following is a diagram showing a typical loading of the large compactor trucks presently using the landfill. Also a Type S-3 loading is shown.



Typical large compactor trucks
 (19 to 27 tons)



Type S-3 load
 (25 ton vehicle)

Based on the February 4, 1980 street and structural engineering recommendation and the September 15, 1978 memo from John Lang, the following is recommended as allowable loads on the Landfill Bridge:

1. H 20 - 44
2. HS 20 - 44
3. Type S - 3
4. Other loads, approved by the City Engineer, that will not be detrimental to the bridge.

Attached is a recommended sample specification.

Approved by:

R. F. Dow
 R. F. Dow 3-24-80

Dave Vargas 3/25/80
 Dave Vargas Date

149360

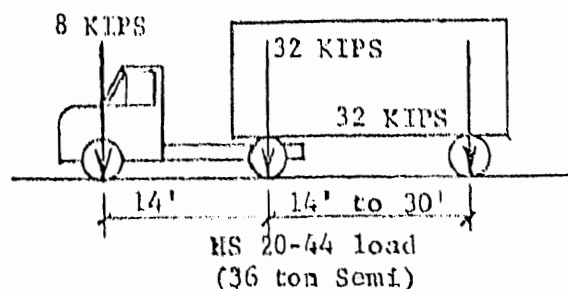
Sample Specification for the Incinerator Road Bridge.

Attachment for Memo to J. P. Niehuser from R. F. Dow
 March 21, 1980

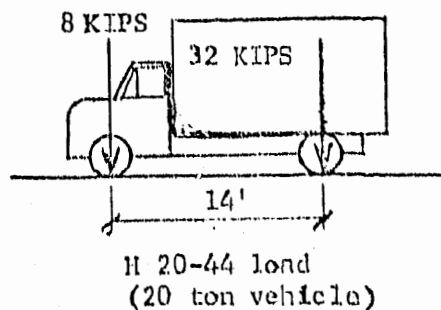
(3) Bridge

- (a) A bridge known as the Incinerator Road Bridge crosses the Columbia Slough and is the sole source of access to the operating area of the landfill. The live load rating on the Incinerator Road Bridge is the HS 20-44 Class, as specified in the Standard Specifications for Highway Bridges adopted by the American Association of State Highway Officials, Eleventh Edition.
- (b) The following are the maximum allowable loadings under the HS 20-44 rating which can be placed on the Incinerator Road Bridge:

1. HS 20-44 loading. This is a tractor truck with semi trailer-type loading. The front axle of the tractor truck is 8,000 pounds or less and the rear axles are 32,000 pounds or less and must be at least 14' from the front axle. The semi trailer axles are 32,000 pounds or less and from 14' to 30' from the tractor truck's rear axle.

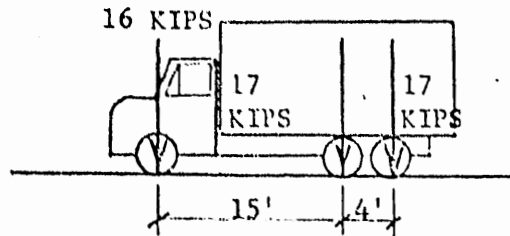


2. H 20-44 loading. This is a two axle truck with 8,000 pounds or less load on the front axle and 32,000 pounds or less load on the rear axle. The axles are 14 feet or more apart.



Sample Specification for the Incinerator Road Bridge -

3. Type S-3 loading. This is a three axle truck with 16,000 pounds maximum on the front axle and 17,000 pounds maximum on each of the rear axles. There must be at least 15' between the front axle and the front rear axle.



Type S-3 load
(25 ton vehicle)

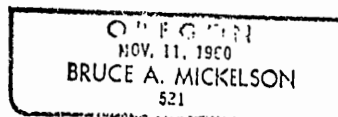
No special loadings other than these vehicles at or under these weights and positioned properly in the bridge lanes will be permitted unless the loadings can be shown to be equivalent to these maximum loadings and are approved by the City Engineer.

gek
SEK:11
3-24-80

EXHIBIT "D"

Description of Property
St. Johns Landfill

The following description of the St. Johns Landfill titled Parcel "A" and Parcel "B" and 55 acres of Parcel "C" is a true description of those portions of land owned by the City of Portland to be leased to the Metropolitan Service District for use as a sanitary landfill.



Bruce A. Mickelson

Bruce A. Mickelson
Chief Surveyor
City of Portland

149360

PARCEL "A"

A tract of land in Sec. 36, T2N, R1W, W.M. described as follows by Distances, Bearing and Coordinates on the Oregon Coordinate System North Zone. Beginning at a point (Coord. N 717565.1 E 1422412.5) on the Easterly line of the James Loomis D.L.C. S $20^{\circ} 45' 07''$ E 466.8' from the N.E. Cor. of the James Loomis D.L.C. (Coord. N 718001.7, E 1422247.1) said beginning point being on the Southerly bank of the Columbia Slough, thence S $20^{\circ} 45' 07''$ E 1216'.2 along the Easterly line of James Loomis D.L.C. and the Easterly line of Ramsey Villa Acres (a recorded Plat) to a point (Coord. N 716427.8, E 1422843.5), said point being the most Easterly Cor. of a 33' road on the Southeasterly line of Ramsey Villa Acres and apart of said Plat, thence S $61^{\circ} 48' 04''$ W 659.4 along the Southerly line of said 33' road to a point on the Northeasterly Right of Way of Shipyard Access Road 1943 (Coord. N 716116.2, E 1422262.4), thence S $30^{\circ} 8' 41''$ E 71.5' along the Northeasterly Right of Way line of Shipyard Access Road 1943 to a point (Coord. N 716054.4 E 1422298.3) at the beginning of a curve to the left, thence on a curve to the left along the Northerly Right of Way line of Shipyard Access Road 1943 (curve radius of 1392.7, central angle $17^{\circ} 00'$, chord bearing S $38^{\circ} 51' 34''$ E, arc length 413.6) to a point (Coord. N 715733.5, E 1422556.8), said point being the most Westerly Cor. of that tract of land transferred to Merta J. and Oscar F. Mason by Deed dated 3/26/47 and recorded in Book 1156, page 363, thence N $47^{\circ} 45' 53''$ E 1376.2' along the Westerly line and the Westerly line extended of the said Mason Tract to a point (Coord. N 716658.5, E 1423575.8) on the South bank of Columbia Slough, thence Northwesterly along the South bank of Columbia Slough to the point of beginning. Tract contains 18.2 acres.

149360

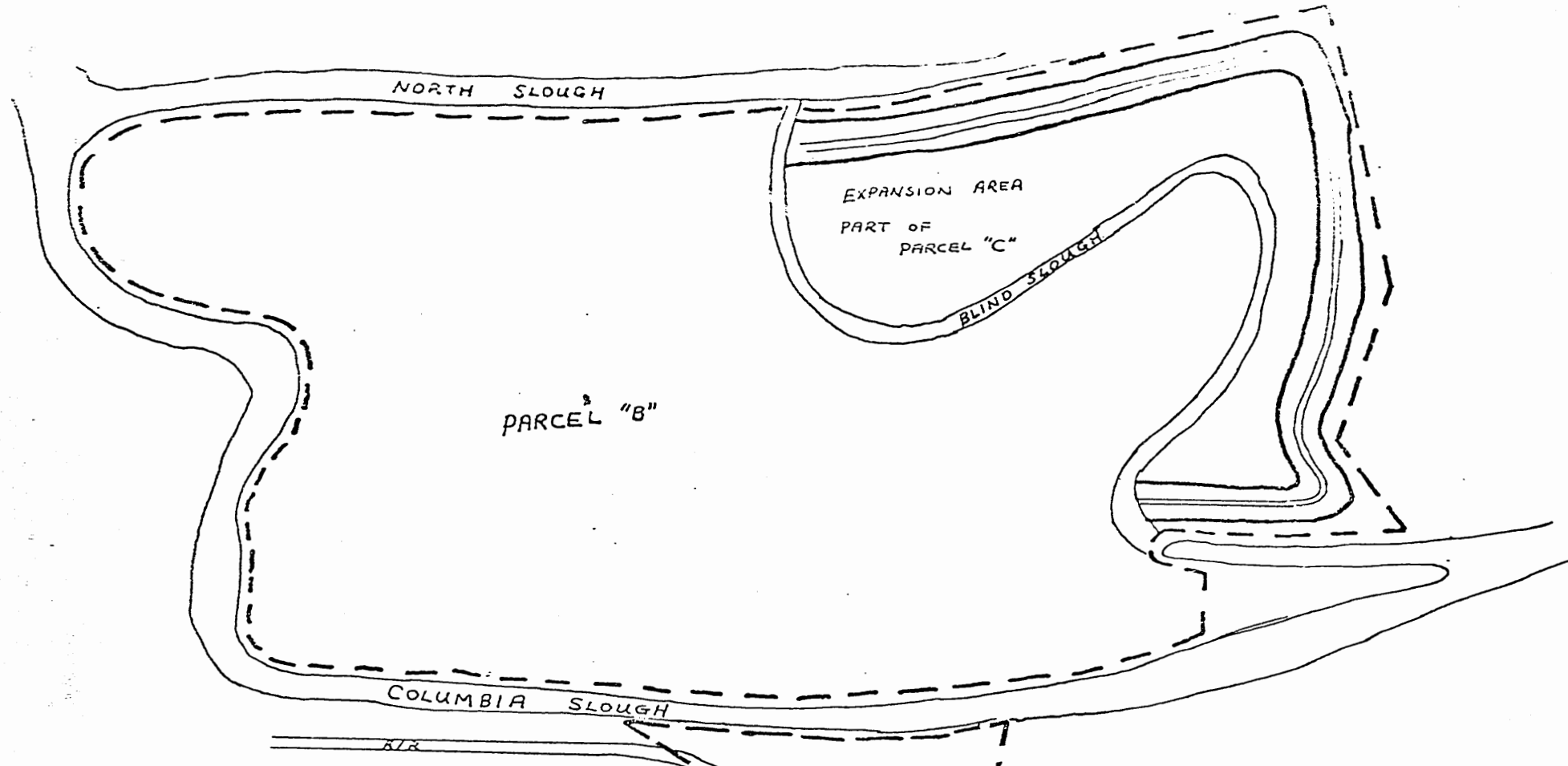
PARCEL "B"AND 55 ACRES OF PARCEL C

A tract of land in Sec. 36, T2N, R1W, W.M. described as follows by Distance, Bearings, and Coordinates on the Oregon Coordinate System North Zone. Beginning at a point (Coord. N 717857.6, E 1422301.7) on the Easterly line of the James Loomis D.L.C., S 20⁰ 45' 07" E 154.0' from the N.E. corner of the James Loomis D.L.C. (Coord. N 718001.7, E 1422247.1). Said beginning point being on the Northerly bank of the Columbia Slough; thence Southeasterly along the Northerly bank of the Columbia Slough to a point (Coord. N 716464.3, E 1424407.6); thence N 39⁰ 16' 01" E 238.9' to a point (Coord. N 716649.2, E 1424558.8); thence N 36⁰ 41' 49" W 185.5 to a point (Coord. N 716798.0, E 1424447.9); thence N 08⁰ 44' 45" W 67.3' to a point (Coord. N 716864.5, E 1424437.7); thence N 71⁰ 32' 33" E 112.4' to a point (Coord. N 716900.1, E 1424544.3); thence S 49⁰ 02' 54" E 510.2' to a point (Coord. N 716565.7, E 1424929.6); thence S 55⁰ 29' 48" E 421.5' to a point (Coord. N 716326.9, E 1425276.9); thence N 02⁰ 39' 36" E 436.0' to a point (Coord. N 716762.5, E 1425297.2); thence N 55⁰ 30' 35" E 661.4' to a point (Coord. N 717137.0, E 1425842.3); thence N 28⁰ 11' 48" E 1171.8' to a point (Coord. N 718169.76, E 1426396.0); said point being approximately 250' South of the Southerly bank of the North Slough; thence N 66⁰ 40' 42" W 1164.8' to a point (Coord. N 718630.9, E 1425326.4) on the Southerly bank of the North Slough; thence Northwesterly along the bank of the North Slough to a point (Coord. N 720597.7, E 1422452.2) at the beginning of a curve to the left; thence on a curve to the left (curve radius 330', central angle 153⁰ 10',

149360Parcel "B" & 55 Acres of Parcel C

chord bearing S 45⁰ 50' 14" W, arc length 882.2) to a point (Coord. N 720150.4, E 1421991.7) on the Northeasterly bank of the Columbia Slough; thence South-easterly along the Northeasterly bank of the Columbia Slough to the point of beginning. Tract contains 236.4 acres.

In addition to this tract of land, the use of the bridge over the Columbia Slough connecting parcels "A" and "B" is included.



CITY OF PORTLAND
 ST. JOHNS LANDFILL

----- PARCEL BOUNDARY
 ||||| PROPOSED DIKE



149360

An Ordinance authorizing the Commissioner of Public Works and the City Auditor to execute an agreement with the Metropolitan Service District for the transfer of management and control of the St. Johns Landfill, amending the FY 79-80 Budget within the Refuse Disposal Fund and transferring funds, authorizing the payment of obligations required of the City, directing the placement and use of revenues, and declaring an emergency.

The City of Portland ordains:

Section 1. The Council finds:

1. The Metropolitan Service District, herein referred to as METRO, is a regional agency which has been granted specific legislative solid waste disposal powers and authority.
2. The City of Portland currently owns and operates through an agreement for service terminating June 1, 1980, the St. Johns Landfill, herein referred to as Landfill.
3. METRO, through legislative provisions, does not currently regulate disposal rates at the landfill but requires such rate regulation authority to facilitate the sale of revenue bonds for the construction of a regional resource recovery system.
4. The City in the past has supported the construction and operation of a regional resource recovery system, and METRO is the appropriate regional agency for the future management, operation, expansion and regulation of user rates at the Landfill subject to the fulfillment of certain City objectives and assurances by METRO.
5. City and METRO staff have negotiated and prepared a proposed agreement which, if approved by both parties, would transfer management and control of the Landfill to METRO on June 1, 1980, subject to certain requirements by both parties including the completion and subsequent approval of the Landfill Operations Plan and that such agreement for the transfer of management and control of the Landfill is needed.

NOW, THEREFORE, the Council directs:

- a. The Commissioner of Public Works and the City Auditor are authorized and directed to execute an agreement on behalf

ORDINANCE No.

of the City of Portland with METRO, said agreement to be substantially in accordance with Exhibit "1" attached herewith.

- b. The FY 79-80 Budget is hereby amended to transfer within the Refuse Disposal Fund, Bureau of Refuse Disposal, RU 155, \$1,000,000 from BUC No. 15500034, Object Code 630, Improvements to BUC No. 15500018, Object Code 490, Miscellaneous.
- c. The Mayor and Auditor are hereby authorized to draw and deliver warrants in payment for those obligations required by City in accordance with the provisions of said agreement. Such warrants shall be chargeable to the Refuse Disposal Fund, Bureau of Refuse Disposal, BUC No. 15500018, Object Code 490, Miscellaneous.
- d. The Refuse Disposal Fund shall receive rental and engineering reimbursement payments from METRO according to the provisions of said agreement, and that such monies, including interest that may accrue within said fund, shall be utilized for any purpose associated with the future beneficial development and maintenance of the Landfill site or with the disposal of solid waste.

Section 2. The Council declares an emergency exists, because a delay in completing the agreement with METRO may interrupt the continued operations of the Landfill and would delay revenues each party is to collect from the other; therefore, this Ordinance shall be in force and effect from and after its passage by the Council.

ORDINANCE NO. 149360

CITY OF PORTLAND

Passed by the Council, **APR 3 1980**

Commissioner Mike Lindberg
March 27, 1980
Robert Rieck:ms

Mayor of the City of Portland

Attest:

Auditor of the City of Portland

Calendar No. 1126

ORDINANCE No. 149360

Title

An Ordinance authorizing the Commissioner of Public Works and the City Auditor to execute an agreement with the Metropolitan Service District for the transfer of management and control of the St. Johns Landfill, amending the FY 79-80 Budget within the Refuse Disposal Fund and transferring funds, authorizing the payment of obligations required of the City, directing the placement and use of revenues, and declaring an emergency.

MAR 28 1980

Filed _____

GEORGE YERKOVICH
Auditor of the CITY OF PORTLAND

By _____

Deputy

THE COMMISSIONERS VOTED AS FOLLOWS:		
	Yeas	Nays
Ivancie		
Jordan		
Lindberg		
Schwab		
McCready		

FOUR-FIFTHS CALENDAR	
Ivancie	
Jordan	
Lindberg	
Schwab	
McCready	

INTRODUCED BY <i>Commissioner Lindberg</i>

NOTED BY THE COMMISSIONER
Affairs
Finance and Administration
Safety
Utilities
Works <i>MLISA</i>

BUREAU APPROVAL
Bureau: Sanitary Engineering
Prepared By: Robert Rieck Date: 3/27/80
Budget Impact Review: <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Not required
Bureau Head: <i>J. P. Niehuser</i> J. P. Niehuser

NOTED BY
City Attorney
City Auditor
City Engineer <i>John M. Long</i>