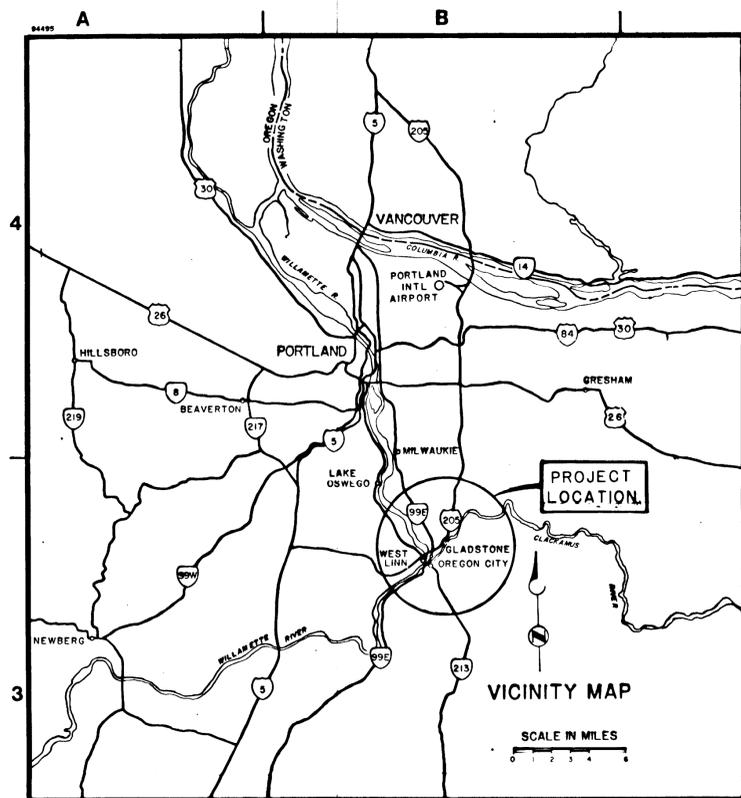


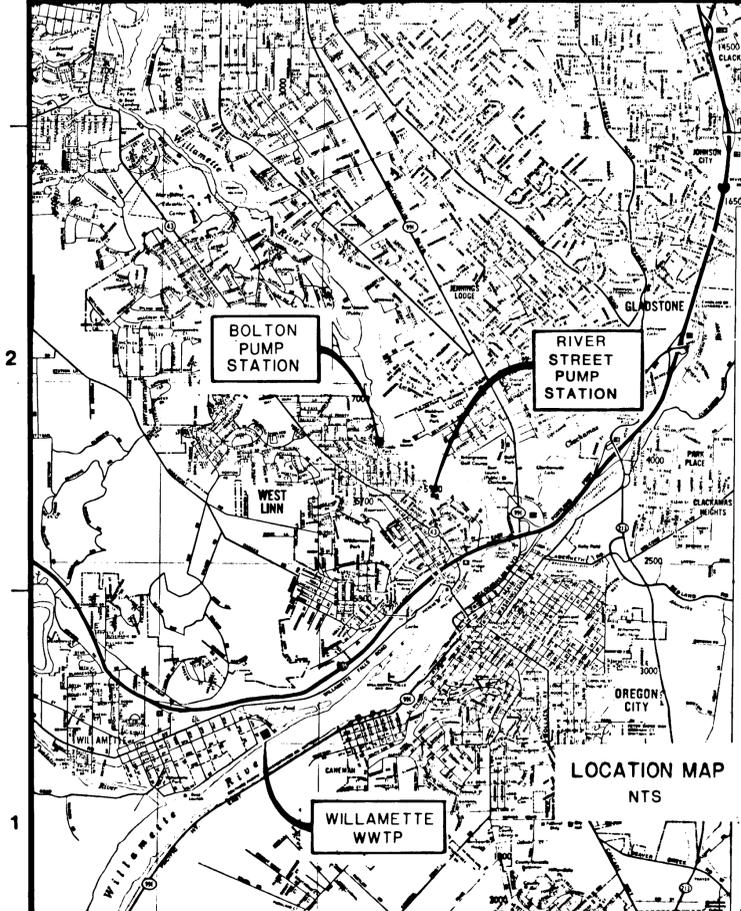
OVERLAYS	1								
% SCREEN	0								



TRI - CITY SERVICE DISTRICT CLACKAMAS COUNTY, OREGON

DRAWINGS FOR DEMOLITION OF BOLTON AND WILLAMETTE WASTEWATER TREATMENT PLANTS AND RIVER STREET PUMP STATION

REVISIONS				
ZONE	REV	DESCRIPTION	BY	DATE
		AS BUILT	GRM	2/69

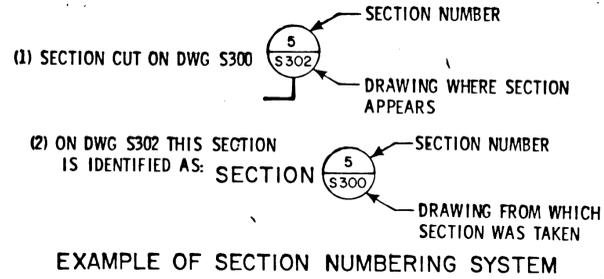


SYMBOLS

⊙	AT	-----	EXISTING EQUIPMENT OR STRUCTURES (OR SCREENED)	++++	REINFORCEMENT PLAN OR ELEVATION
⊙ OR ⊙	AND	-----	PROPERTY LINE OR MATCH LINE	▒	CONCRETE
⊙	ROUND OR DIAMETER	-----	CENTER LINE	=====	RETAINING WALL
∠	ANGLE	-----	CENTER LINE	-----	A.C. PAVEMENT (PLAN)
⊙	CENTER LINE	-----	CENTER LINE	-----	EXISTING GRADE CONTOURS (SCREENED)
⊙	PLATE OR PROPERTY LINE	-----	CENTER LINE	-----	FINISH GRADE CONTOURS
⊙	HYDRANT	-----	CENTER LINE	-----	FINISH GRADE SPOT ELEVATION
⊙	BURIED VALVE	-----	CENTER LINE	-----	TOP OF CURB ELEVATION
⊙	MANHOLE	-----	CENTER LINE	-----	GUTTER ELEVATION
⊙	CATCH BASIN OR INLET	-----	CENTER LINE	-----	SWALE OR DITCH
⊙	NATURAL GROUND OR GRADE	-----	CENTER LINE	-----	SLOPE (3 HOR. TO 1 VERT.)
⊙	ROCK	-----	CENTER LINE	-----	PROPERTY PIN
⊙	GRATING SPAN	-----	CENTER LINE	-----	WATER METER
⊙	AT	-----	EXISTING EQUIPMENT OR STRUCTURES (OR SCREENED)	++++	REINFORCEMENT PLAN OR ELEVATION
⊙	AND	-----	PROPERTY LINE OR MATCH LINE	▒	CONCRETE
⊙	ROUND OR DIAMETER	-----	CENTER LINE	=====	RETAINING WALL
∠	ANGLE	-----	CENTER LINE	-----	A.C. PAVEMENT (PLAN)
⊙	CENTER LINE	-----	CENTER LINE	-----	EXISTING GRADE CONTOURS (SCREENED)
⊙	PLATE OR PROPERTY LINE	-----	CENTER LINE	-----	FINISH GRADE CONTOURS
⊙	HYDRANT	-----	CENTER LINE	-----	FINISH GRADE SPOT ELEVATION
⊙	BURIED VALVE	-----	CENTER LINE	-----	TOP OF CURB ELEVATION
⊙	MANHOLE	-----	CENTER LINE	-----	GUTTER ELEVATION
⊙	CATCH BASIN OR INLET	-----	CENTER LINE	-----	SWALE OR DITCH
⊙	NATURAL GROUND OR GRADE	-----	CENTER LINE	-----	SLOPE (3 HOR. TO 1 VERT.)
⊙	ROCK	-----	CENTER LINE	-----	PROPERTY PIN
⊙	GRATING SPAN	-----	CENTER LINE	-----	WATER METER

INDEX OF DRAWINGS

DWG NO.	TITLE
1	VICINITY AND LOCATION MAPS, SYMBOLS, AND INDEX OF DRAWINGS
2A	PARCEL AND PIPING PLAN
3A	FINAL GRADING AND PAVING PLAN
4	SCHEDULE A-PARCEL 1 DEMOLITION PLAN
5	SCHEDULE A-PARCEL 1 DEMOLITION SECTIONS
6	SCHEDULE A-PARCEL 1 SITE PLAN AND DETAILS
7	SCHEDULE A-PARCEL 1 ROAD PROFILES AND SECTIONS
8	SCHEDULE B-PARCELS 2 AND 3 DEMOLITION PLAN AND SECTIONS
9	SCHEDULE B-PARCELS 2 AND 3 DEMOLITION SECTIONS
10	SCHEDULE B DEMOLITION PLAN
11	SCHEDULE B DEMOLITION PLAN TO BE ADDED BY ADDENDUM



NOTE ABBREVIATIONS ARE DEFINED IN ANSI Y1.1 - 1972



BC BROWN AND CALDWELL
CONSULTING ENGINEERS
EUGENE OREGON

FILE 833
DATE MAR 87
DRAWN MOS

DESIGNED NBS
CHECKED GRM
CHECKED TME

SUBMITTED *Joseph M. ...* DATE 7/27/87
APPROVED *Wm. B. Sherman* DATE 7/27/87
APPROVED _____ DATE _____

BOLTON WASTEWATER TREATMENT PLANT
DEMOLITION
TRI - CITY SERVICE DISTRICT

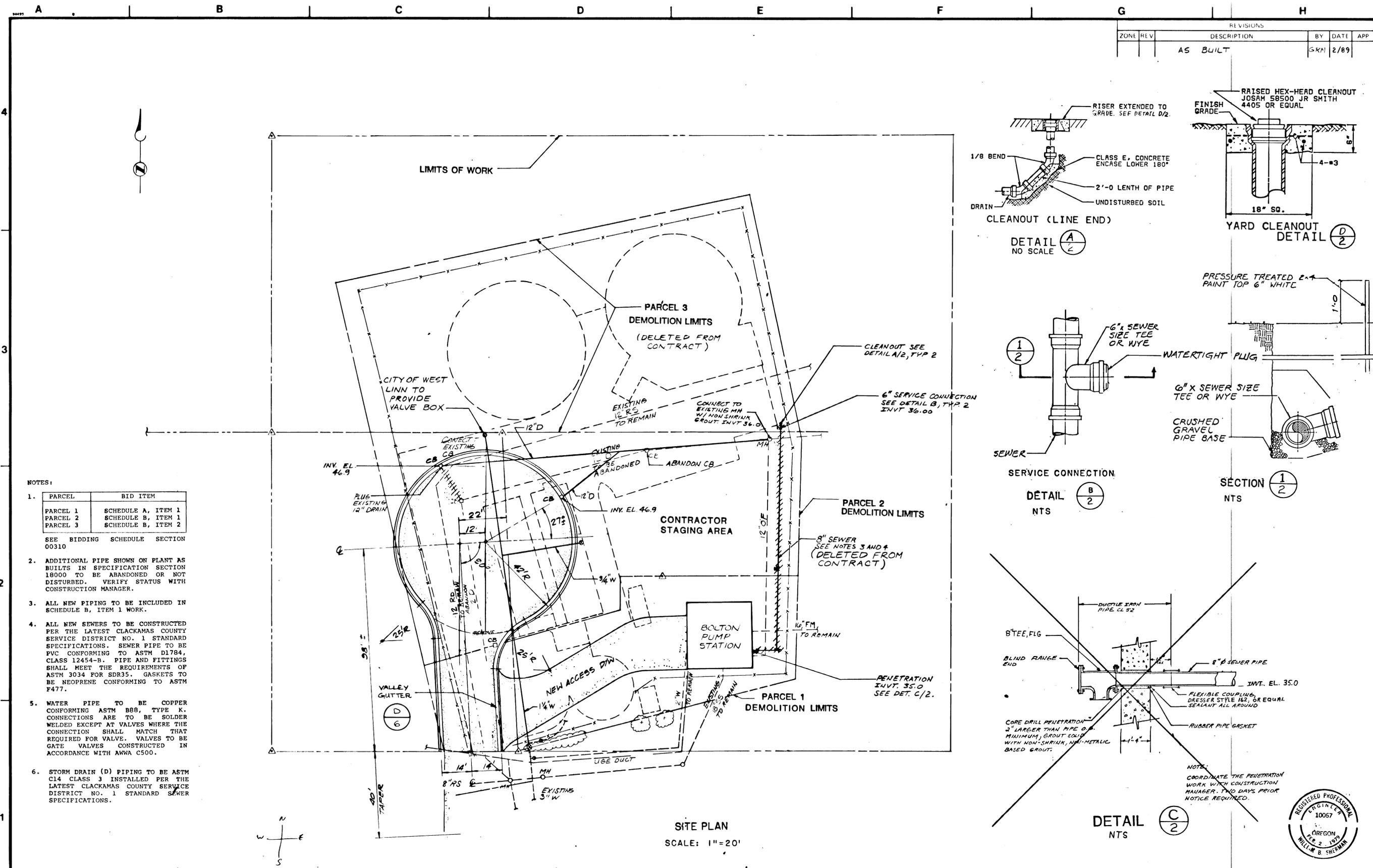
VICINITY AND LOCATION MAPS,
SYMBOLS AND INDEX OF DRAWINGS

IF NOT 1 INCH,
SCALE ACCORDINGLY.

DRAWING NUMBER
1
SHEET 1 of 11

REVISIONS				
ZONE	REV	DESCRIPTION	BY	DATE
		AS BUILT	SKM	2/89

CONTROL NO.

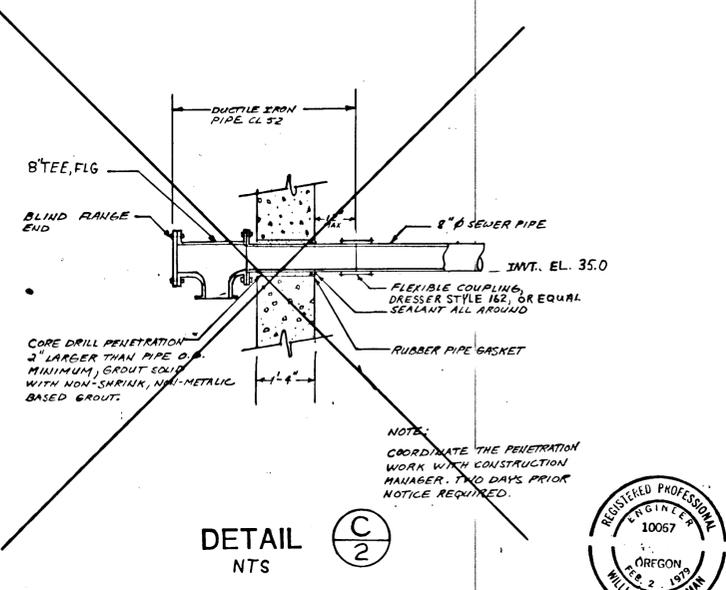
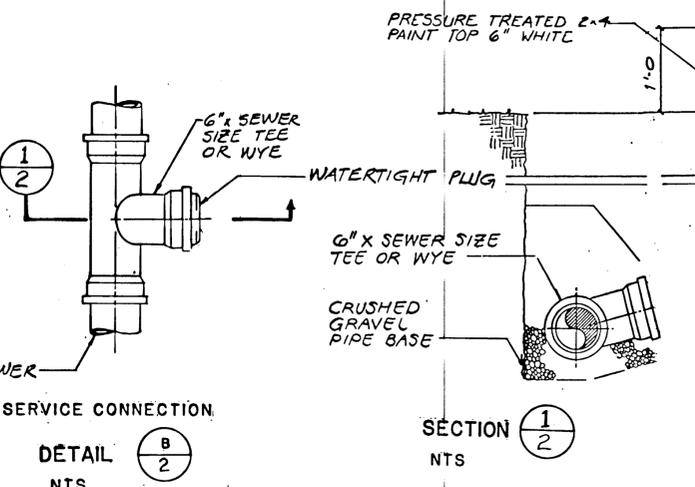
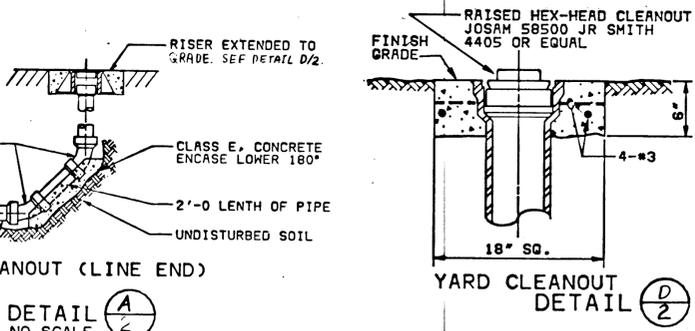


NOTES:

1.	PARCEL	BID ITEM
	PARCEL 1	SCHEDULE A, ITEM 1
	PARCEL 2	SCHEDULE B, ITEM 1
	PARCEL 3	SCHEDULE B, ITEM 2

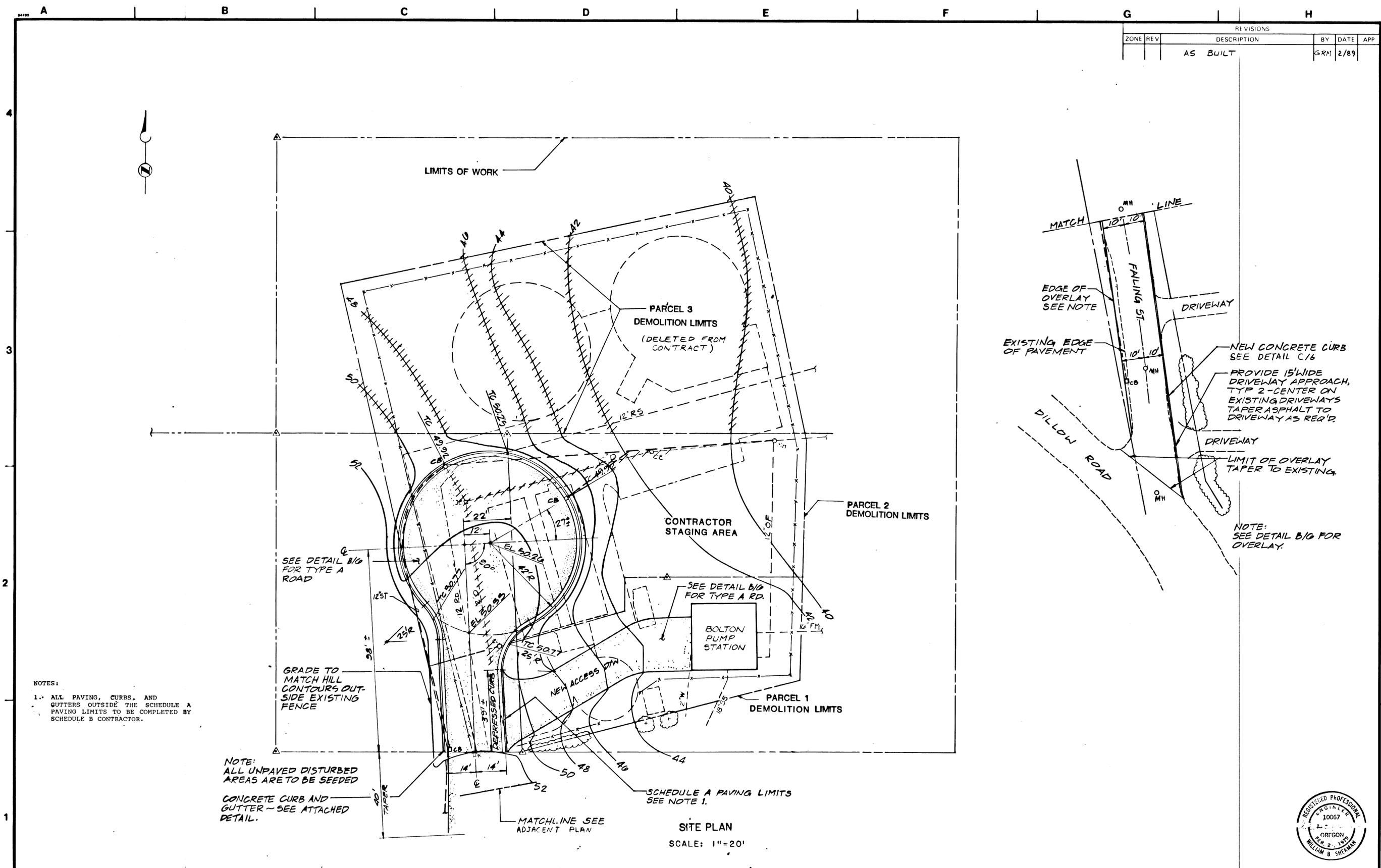
- SEE BIDDING SCHEDULE SECTION 00310
- ADDITIONAL PIPE SHOWN ON PLANT AS BUILTS IN SPECIFICATION SECTION 18000 TO BE ABANDONED OR NOT DISTURBED. VERIFY STATUS WITH CONSTRUCTION MANAGER.
 - ALL NEW PIPING TO BE INCLUDED IN SCHEDULE B, ITEM 1 WORK.
 - ALL NEW SEWERS TO BE CONSTRUCTED PER THE LATEST CLACKAMAS COUNTY SERVICE DISTRICT NO. 1 STANDARD SPECIFICATIONS. SEWER PIPE TO BE PVC CONFORMING TO ASTM D1784, CLASS 12454-B. PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM 3034 FOR SDR35. GASKETS TO BE NEOPRENE CONFORMING TO ASTM F477.
 - WATER PIPE TO BE COPPER CONFORMING ASTM B88, TYPE K. CONNECTIONS ARE TO BE SOLDER WELDED EXCEPT AT VALVES WHERE THE CONNECTION SHALL MATCH THAT REQUIRED FOR VALVE. VALVES TO BE GATE VALVES CONSTRUCTED IN ACCORDANCE WITH AWWA C500.
 - STORM DRAIN (D) PIPING TO BE ASTM C14 CLASS 3 INSTALLED PER THE LATEST CLACKAMAS COUNTY SERVICE DISTRICT NO. 1 STANDARD SEWER SPECIFICATIONS.

SITE PLAN
SCALE: 1"=20'



OVERLAYS	13	2	5			
% SCREEN	13%	13%	13%	30		

REVISIONS					
ZONE	REV	DESCRIPTION	BY	DATE	APP
		AS BUILT	GRM	2/89	



NOTES:
 1. ALL PAVING, CURBS, AND GUTTERS OUTSIDE THE SCHEDULE A PAVING LIMITS TO BE COMPLETED BY SCHEDULE B CONTRACTOR.

NOTE: ALL UNPAVED DISTURBED AREAS ARE TO BE SEEDED
 CONCRETE CURB AND GUTTER - SEE ATTACHED DETAIL.

SITE PLAN
 SCALE: 1"=20'



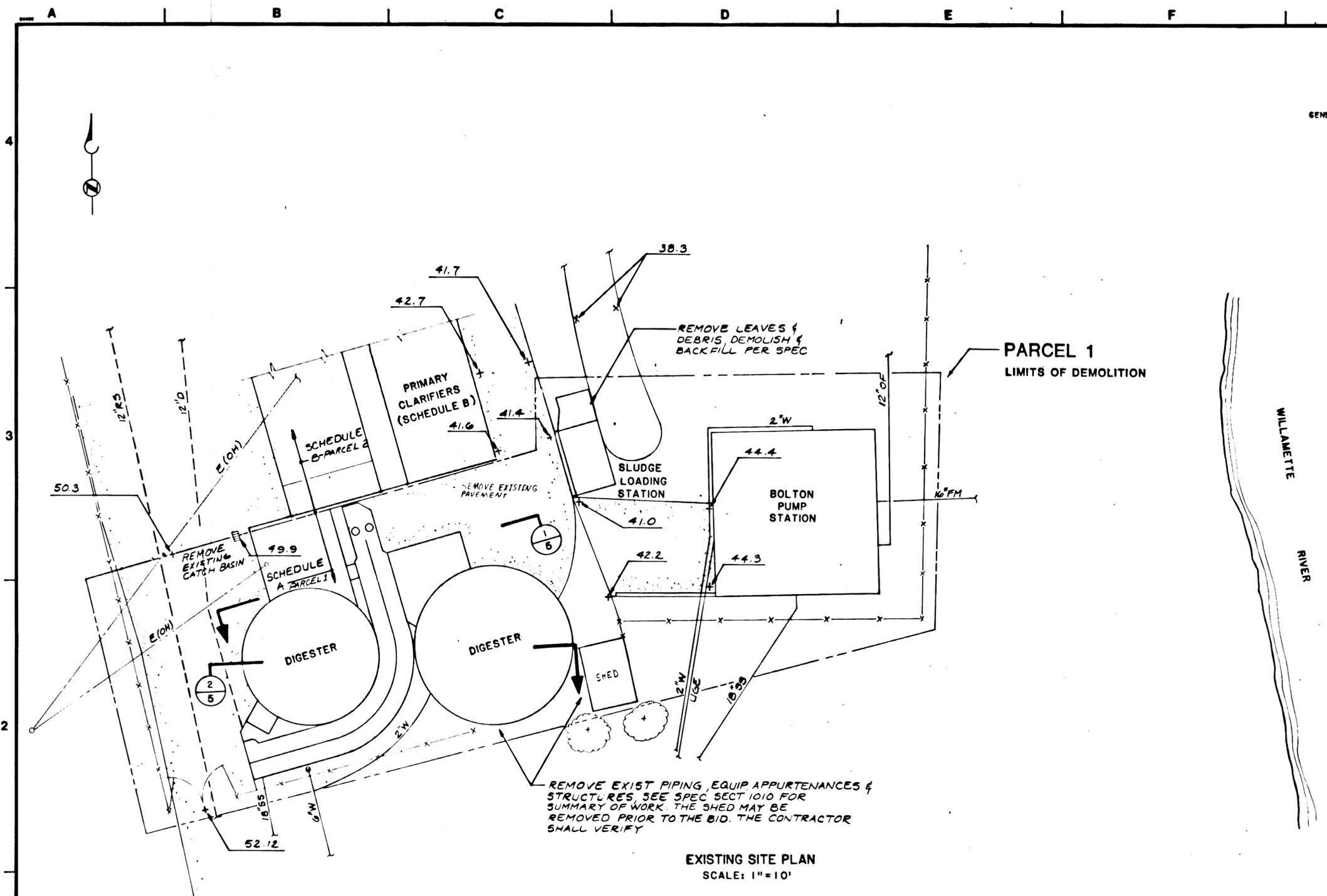
BROWN AND CALDWELL CONSULTING ENGINEERS EUGENE OREGON	FILE 222 DATE 7/27/87 DRAWN MDS	DESIGNED GRM CHECKED JMF	SUBMITTED Gregory R. Matthei APPROVED Tracy C. Smith DATE 7/24/87	BOLTON WASTEWATER TREATMENT PLANT DEMOLITION TRI - CITY SERVICE DISTRICT	FINAL GRADING AND PAVING PLAN	IF NOT 1 INCH, SCALE ACCORDINGLY.	DRAWING NUMBER 3 A SHEET 3 of 11

CONTROL NO.

REVISIONS			
ZONE	REV	DESCRIPTION	BY DATE
		AS BUILT	GRM 2/89

GENERAL NOTES:

1. THESE DRAWINGS ARE BASED ON SITE VISITS AND, AS-BUILT DRAWINGS OF THE EXISTING PLANT CONSTRUCTION INCLUDING VARIOUS IMPROVEMENTS AND UPGRADES. EVERY EFFORT HAS BEEN MADE TO ACCURATELY SHOW THE LAYOUT AND LOCATIONS OF PIPING AND STRUCTURES. HOWEVER, SOME DEVIATIONS FROM THE DRAWINGS MAY EXIST. IF CONFLICTS WITH PIPING OR STRUCTURES THAT ARE TO REMAIN IN SERVICE ARE FOUND, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
2. FINISH GRADING AT THE BOLTON SITE SHALL BE COMPLETED TO PROVIDE COMPLETE DRAINAGE OF THE SITE. EXISTING CATCH BASINS SHALL REMAIN IN SERVICE AND WHERE NECESSARY THEIR ELEVATIONS SHALL BE ADJUSTED TO ASSURE PROPER DRAINAGE.
3. WHERE FILL IS TO BE PLACED OVER EXISTING GRASS THE CONTRACTOR SHALL STRIP THE TOP SIX INCHES OF GRASS AND EARTH PRIOR TO PLACEMENT OF FILL.
4. BACKFILL MAY BE LEFT MOUNDING UP TO A MAXIMUM OF SIX INCHES WHERE GRASS WILL BE PLACED OVER BACKFILLED STRUCTURES OR WHERE PAVEMENT WAS REMOVED.



BC BROWN AND CALDWELL
CONSULTING ENGINEERS
EUGENE OREGON

FILE 1833
DATE 1/27/87
DESIGNED NOS
CHECKED GRM
DRAWN MOS
CHECKED TME
SUBMITTED *[Signature]* DATE 7/27/87
APPROVED *[Signature]* DATE 7/27/87
APPROVED DATE

BOLTON WASTEWATER TREATMENT PLANT
DEMOLITION
TRI - CITY SERVICE DISTRICT

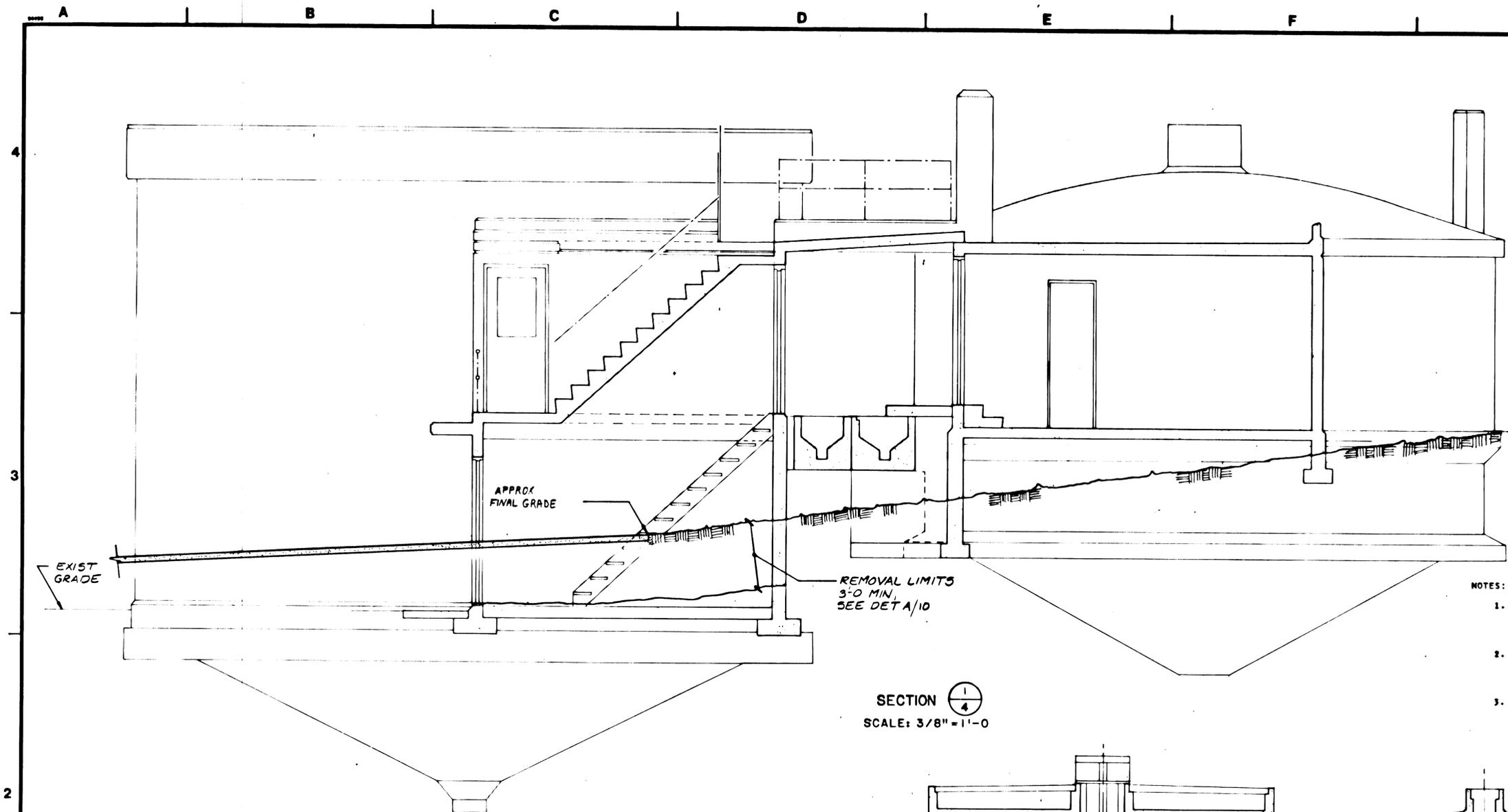
SCHEDULE A PARCEL 1
EXISTING SITE PLAN

IF NOT 1 INCH,
SCALE ACCORDINGLY.

DRAWING NUMBER
4
SHEET 4 of 11

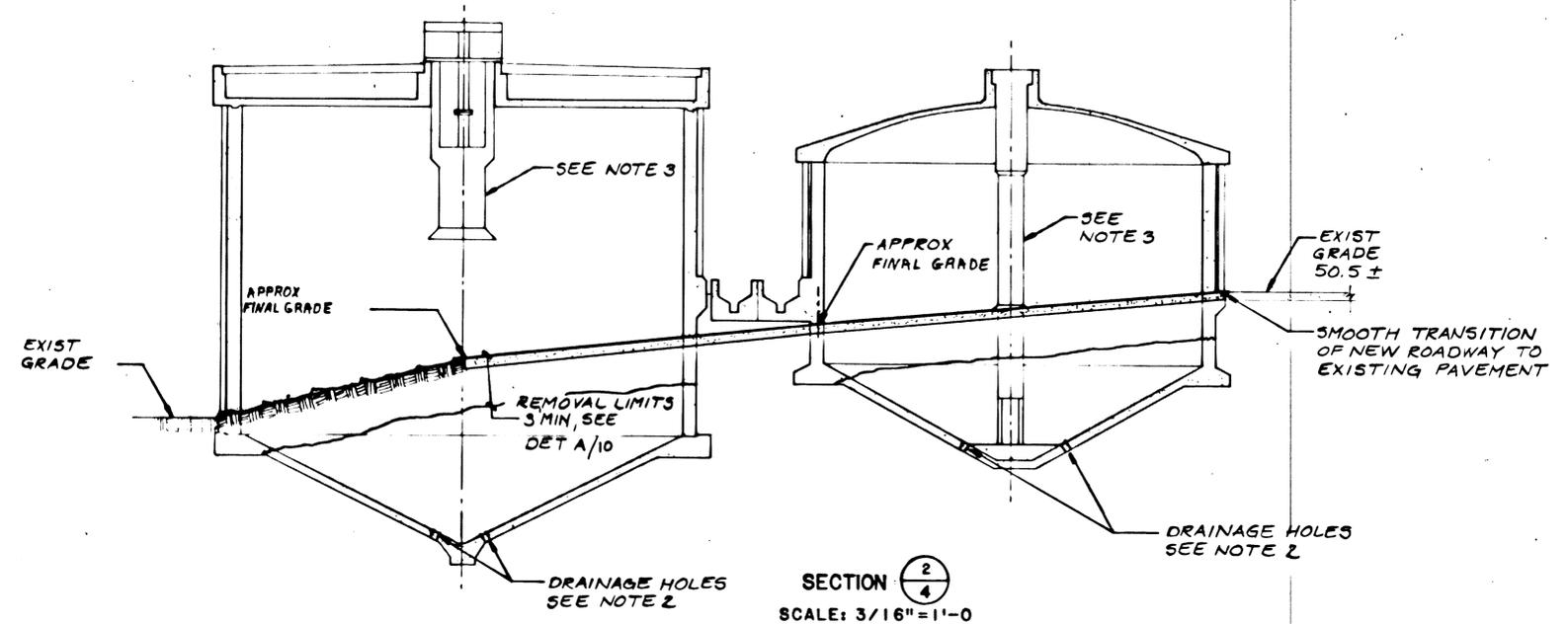
CONTROL NO.

REVISIONS				
ZONE	REV	DESCRIPTION	BY	DATE
		AS BUILT	GRM	2/01



SECTION $\frac{1}{4}$
SCALE: 3/8" = 1'-0"

- NOTES:
1. THESE SECTIONS ILLUSTRATE THE STRUCTURES TO BE DEMOLISHED AND APPROXIMATE ELEVATIONS OF EXISTING GROUND. SPECIFICATION SECTION 18000 PROVIDES AS-BUILT DRAWINGS
 2. CORE DRILL FOUR 4-INCH MINIMUM DIAMETER DRAINAGE HOLES NEAR THE LOWEST ELEVATION POINT IN ANY STRUCTURE TO BE LEFT AFTER DEMOLITION, OR BREAKUP SLAB AT THE SAME ELEVATION TO THE ACCEPTANCE OF THE CONSTRUCTION MANAGER.
 3. THE DIGESTER MIXING EQUIPMENT HAS BEEN REMOVED FROM THE TANKS BUT IS STILL ONSITE. THE CONTRACTOR SHALL DISPOSE OF THE MIXING EQUIPMENT.

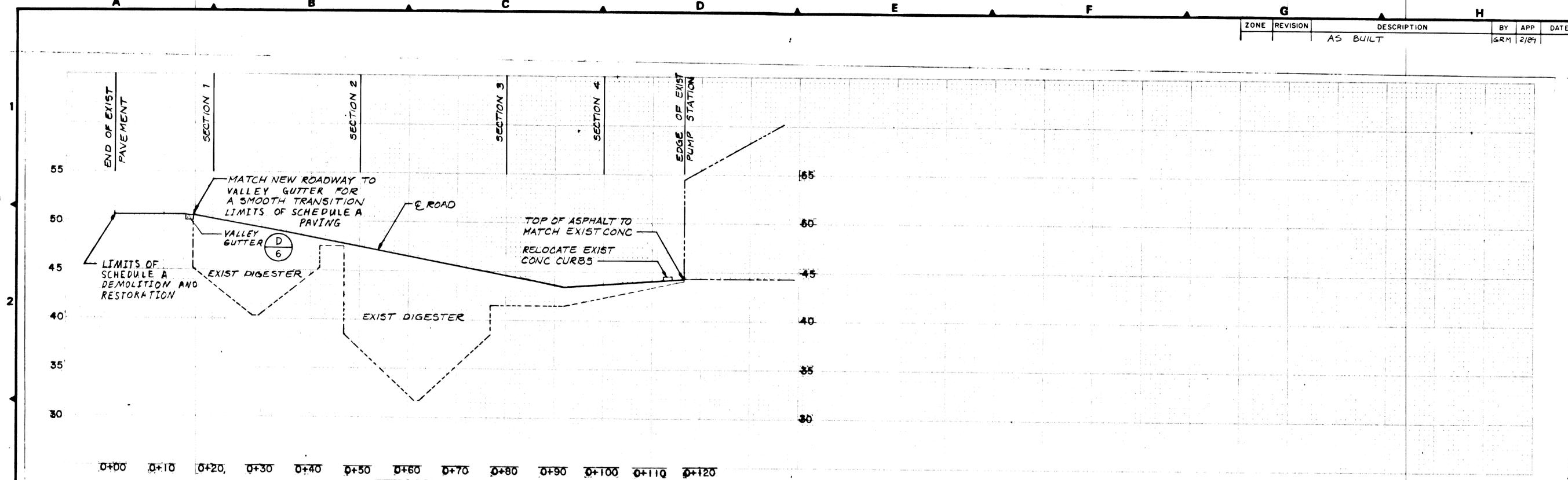


SECTION $\frac{2}{4}$
SCALE: 3/16" = 1'-0"

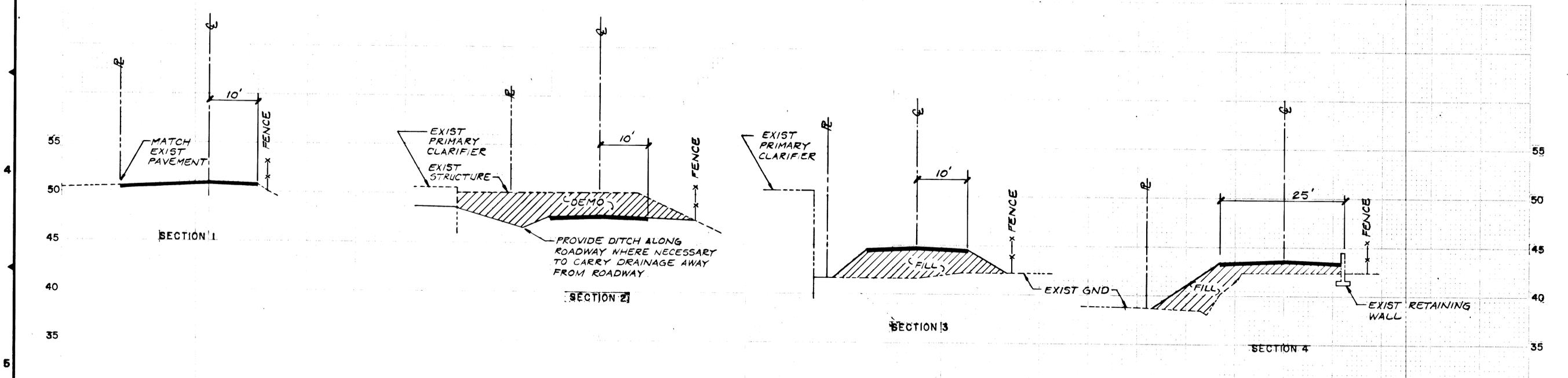
BROWN AND CALDWELL CONSULTING ENGINEERS EUGENE OREGON	FILE 1833	DESIGNED NBS	SUBMITTED <i>Gregory R. Motta</i> DATE 7/27/18	BOLTON WASTEWATER TREATMENT PLANT DEMOLITION TRI - CITY SERVICE DISTRICT	SCHEDULE A PARCEL 1 DEMOLITION SECTIONS	DRAWING NUMBER 5 SHEET 5 of 11
	DATE MAR 07	CHECKED GRM	APPROVED <i>Gregory R. Motta</i> DATE 7/27/18			
	DRAWN MDS	CHECKED TMF	APPROVED _____ DATE _____			

#7 none

ZONE	REVISION	DESCRIPTION	BY	APP	DATE
		AS BUILT	GRM		2/87



ROAD PROFILE
 SCALE: 1"=10' HORZ
 1"=5' VERT



ROAD SECTIONS
 SCALE: 1"=10' HORZ
 1"=5' VERT

BC BROWN AND CALDWELL
 CONSULTING ENGINEERS
 EUGENE OREGON

DESIGNED NBS SUBMITTED James R. Mathis DATE 1/27/87
 DRAWN NBS APPROVED Timothy DATE 2/6/87
 CHECKED IME APPROVED _____ DATE _____

FILE 833 BOLTON WASTEWATER TREATMENT PLANT
 DATE MAR 87 DEMOLITION
 TRI - CITY SERVICE DISTRICT

SCHEDULE A PARCEL 1
 ROAD PROFILE AND SECTIONS

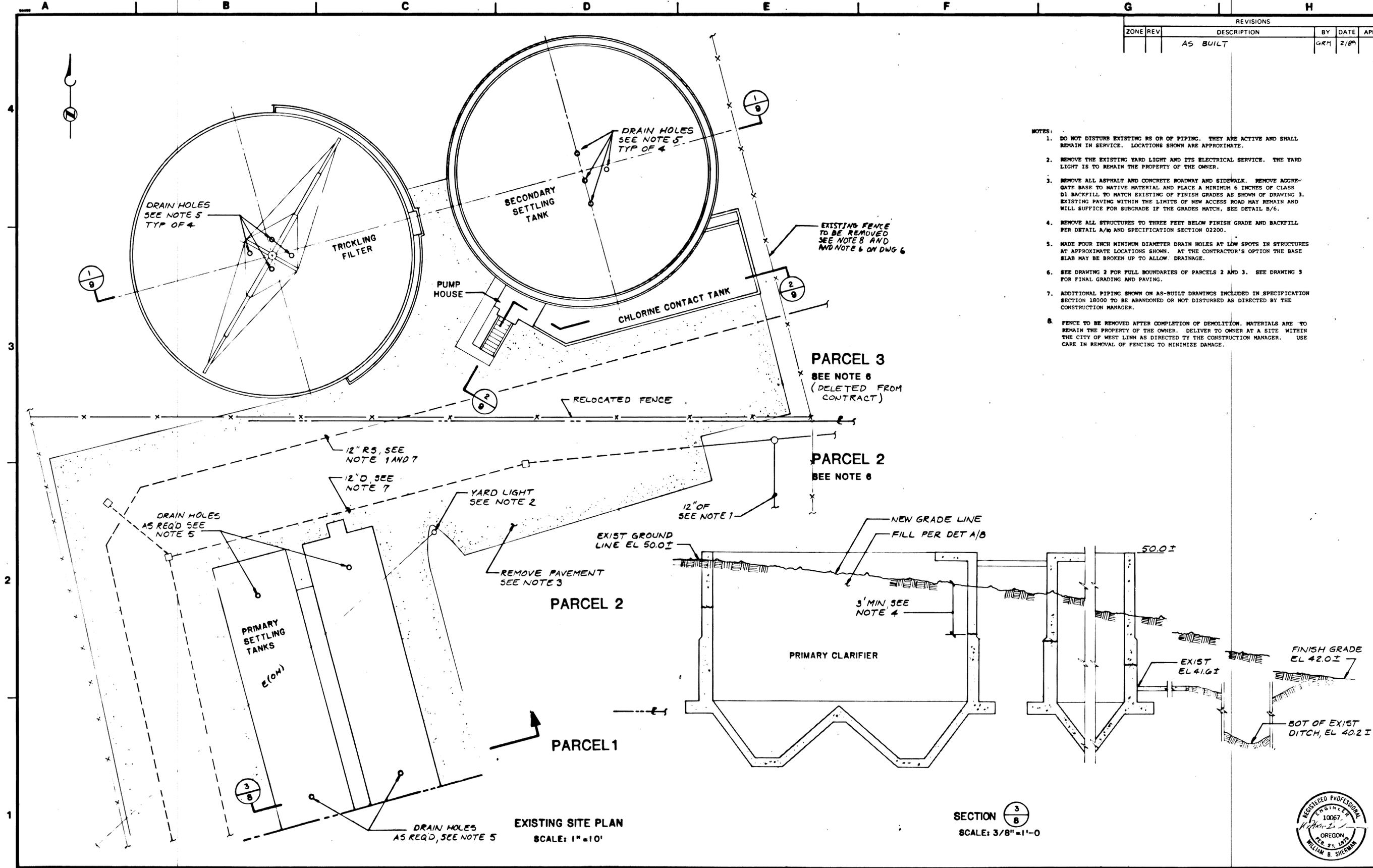
THIS LINE IS 1 INCH WHEN
 DRAWING IS FULL SIZE. IF NOT
 1 INCH, SCALE ACCORDINGLY.

DRAWING NUMBER 7
 SHEET 7 OF 11



CONTROL NO.

REVISIONS			
ZONE	REV	DESCRIPTION	BY DATE APP
		AS BUILT	GRM 2/89



BC BROWN AND CALDWELL
CONSULTING ENGINEERS
EUGENE OREGON

FILE 1053
DATE 7/27/87
DRAWN MDS
DESIGNED WDS
CHECKED GRM
CHECKED IMF
SUBMITTED *Gregory R. Matthew* DATE 7/27/87
APPROVED *Henry C. Condit* DATE 7/27/87
APPROVED _____ DATE _____

BOLTON WASTEWATER TREATMENT PLANT
DEMOLITION
TRI - CITY SERVICE DISTRICT

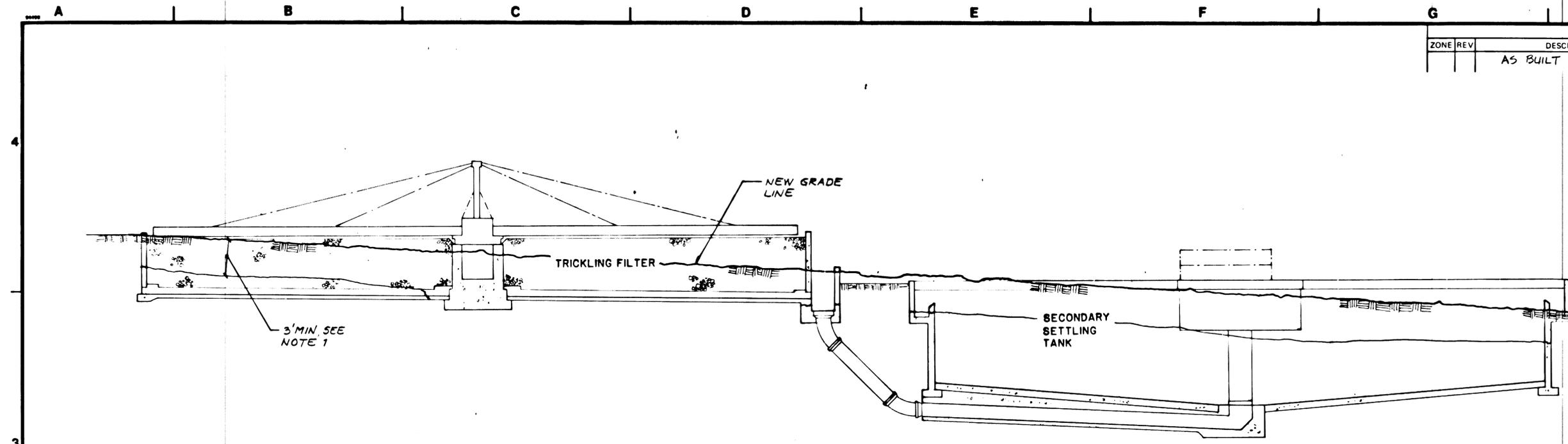
SCHEDULE B PARCELS 2 AND 3
DEMOLITION PLAN AND SECTION

DRAWING NUMBER
8
IF NOT 1 INCH,
SCALE ACCORDINGLY.
SHEET 8 of 11

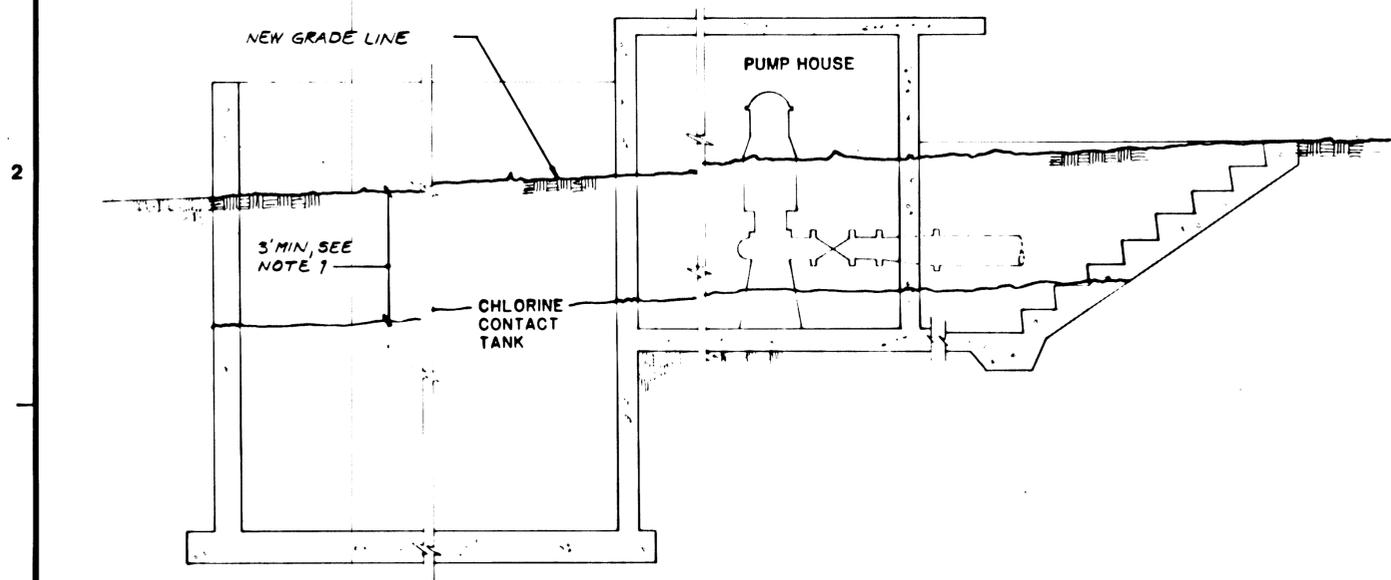


CONTROL NO.

REVISIONS			
ZONE	REV	DESCRIPTION	BY DATE APP
		AS BUILT	GRM 2/89



SECTION $\frac{1}{8}$
SCALE: 3/16" = 1'-0"



SECTION $\frac{2}{8}$
SCALE: 1/2" = 1'-0"

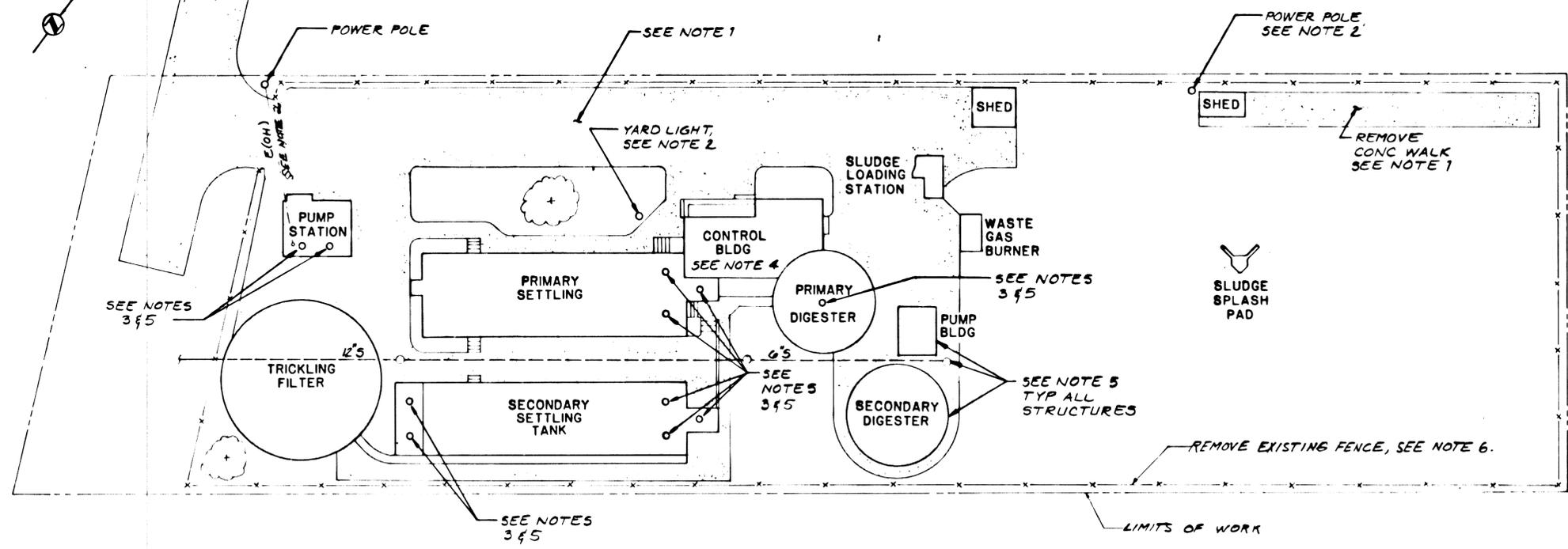
- NOTES:
1. DEMO CONCRETE STRUCTURES TO THREE FEET BELOW FINISH GRADE. CUT OFF PROTRUDING REINFORCING STEEL AND DISPOSE OF OFF SITE. BACKFILL REMAINING STRUCTURE PER SPECIFICATION SECTION 2200 AND DETAIL A/10.



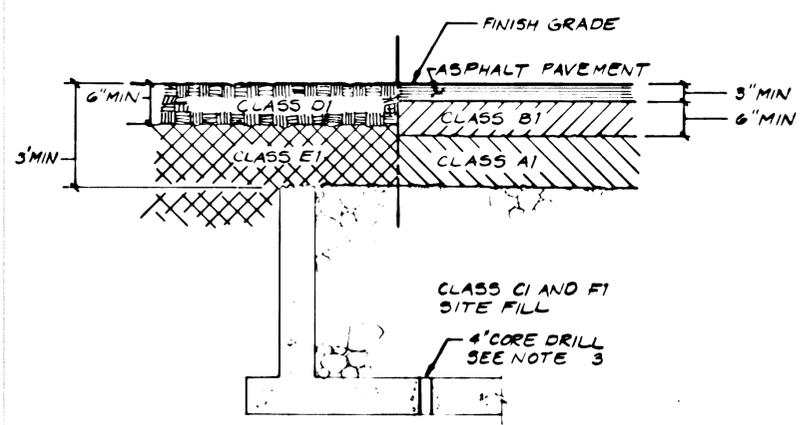
BROWN AND CALDWELL CONSULTING ENGINEERS EUGENE OREGON	FILE 1032	DESIGNED WDS	SUBMITTED <i>Gregory R. Matlock</i>	DATE 7/27/87	BOLTON WASTEWATER TREATMENT PLANT DEMOLITION TRI - CITY SERVICE DISTRICT	SCHEDULE B PARCELS 2 AND 3 DEMOLITION SECTIONS	DRAWING NUMBER 9 IF NOT 1 INCH, SCALE ACCORDINGLY.	SHEET 9 of 11
	DATE 7/18/87	CHECKED GRM	APPROVED <i>Lesly C. Gould</i>	DATE 7/24/87				
	DRAWN MDS	CHECKED JMF	APPROVED	DATE				

CONTROL NO.

REVISIONS			
ZONE	REV	DESCRIPTION	BY DATE APP
		AS BUILT	GRM 2/89



SITE PLAN
SCALE: 1/16"=1'-0"



TYPICAL STRUCTURE BACKFILL
DETAIL A
NTS

- NOTES:
- REMOVE ALL ASPHALT AND CONCRETE ROADWAY AND SIDEWALK. REMOVE AGGREGATE BASE TO NATIVE MATERIAL AND PLACE A MINIMUM OF 6 INCHES OF CLASS D1 MATERIAL TO MATCH EXISTING OR FINISH GRADES AS SHOWN.
 - REMOVE YARD LIGHT AND POWER POLES WHERE NOTED. REMOVE THE ELECTRICAL SERVICE PER SPECIFICATION SECTION 02300.
 - MAKE 4-INCH MINIMUM DIAMETER DRAIN HOLES AT LOW SPOTS IN STRUCTURES AT APPROXIMATE LOCATIONS SHOWN, OR AT THE CONTRACTOR'S OPTION BREAK UP THE STRUCTURE'S BASE SLAB.
 - THE CONTROL BUILDING CONTAINS CHLORINATION EQUIPMENT AND PIPING. THE CONTRACTOR SHALL PROVIDE VENTILATION DURING REMOVAL TO ASSURE THE SAFETY OF HIS PERSONNEL.
 - REMOVE ALL STRUCTURES. STRUCTURES BELOW GRADE ARE TO BE REMOVED TO AT LEAST 3 FEET BELOW THE EXISTING GRADE AND BACKFILL PER DETAIL A/D AND SPECIFICATION SECTION 02200.
 - FENCE TO BE REMOVED AFTER COMPLETION OF DEMOLITION. MATERIALS ARE TO REMAIN THE PROPERTY OF THE OWNER. DELIVER TO OWNER AT A SITE WITHIN THE CITY OF WEST Linn AS DIRECTED BY THE CONSTRUCTION MANAGER. USE CARE IN REMOVAL OF FENCING TO MINIMIZE DAMAGE.

BC BROWN AND CALDWELL
CONSULTING ENGINEERS
EUGENE OREGON

FILE 1899
DATE 7/87
DRAWN MQS
DESIGNED NBS
CHECKED GRM
CHECKED TME

SUBMITTED *Gregory D. Muthy* DATE 2/27/87
APPROVED *John C. Smith* DATE 7/24/87
APPROVED _____ DATE _____

WILLAMETTE SEWAGE TREATMENT PLANT
DEMOLITION
TRI - CITY SERVICE DISTRICT

SCHEDULE B
DEMOLITION PLAN

IF NOT 1 INCH,
SCALE ACCORDINGLY.

DRAWING NUMBER
10
SHEET 10 of 11

