SALAMO ROAD SOUTH

STATION 4+50 TO STATION 12+50

CITY OF WEST LINN

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "CITY OF WEST LINN STREET/UTILITY DESIGN AND CONSTRUCTION STANDARDS" DATED JULY 14, 1988.
2. PRIOR TO ANY CONSTRUCTION, LOCATIONS OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR. WHEN ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. ORGANIC AND NON-DESIRABLE MATERIALS SHALL BE REMOVED FROM THE CONSTRUCTION AREA AS DIRECTED BY THE ENGINEER.
4. ALL FILL AREAS SHALL BE STRIPPED OF ORGANIC MATERIAL. FILL WILL BE PLACED IN 9-INCH LAYERS AND COMPACTED TO 95 PERCENT RELATIVE MAXIMUM DENSITY ACCORDING TO AASHTO T-99 STANDARDS. BASE ROCK IN THE STREET WILL BE COMPACTED TO THE SAME STANDARD. LANDSCAPE AREAS WILL BE COMPACTED TO 90 PERCENT. THE CONTRACTOR WILL PROVIDE DENSITY TESTING, ONE FOR EVERY 10,000 SQUARE FEET OF AREA AND FOR EVERY 2 FEET OF FILL PLACED. COMPACTION REPORTS FROM A REPUTABLE TESTING LAB WILL BE SUPPLIED TO THE ENGINEER.
5. CONTRACTOR SHALL LEAVE ALL AREAS OF THE PROJECT FREE OF DEBRIS AND UNUSED CONSTRUCTION MATERIALS.
   a. AREAS TO BE LANDSCAPED SHALL BE SMOOTHED AND LEFT TO THE GRADES INDICATED ON THE GRADING PLAN, PLUS OR MINUS 0.1 FOOT.
   b. ALL DISTURBED AREAS NOT TO BE LANDSCAPED ARE TO BE SEEDED PER EROSION CONTROL NOTES ON SHEET 4/10 TO PREVENT EROSION.
6. ANY CHANGES FROM THE APPROVED PLANS SHALL BE REQUESTED BY THE CONTRACTOR IN WRITING. THE DESIGN ENGINEER AND THE CITY OF WEST LINN'S PROJECT ENGINEER MUST APPROVE THE CHANGE PRIOR TO ITS IMPLEMENTATION. COMPLEXITY OF MODIFICATION WILL DETERMINE IF REVISED PLANS ARE REQUIRED.
7. STANDARD SIDEWALK RAMP CURB-DROPS SHALL BE LOCATED AT MIDPOINTS OF CURB RETURNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. THE FOLLOWING CITY OF WEST LINN DETAILS SHALL BE USED AT LOCATIONS AS SPECIFIED IN THE PLANS:

   MANHOLE FRAME & COVER - DWG. NO. MH-212
   GUTTER INLET 2 1/2 A - DWG. NO. ~~GI-214~~ APWA # 304
   GUTTER INLET COVER - DWG. NO. ~~GI-215~~
   CURB & GUTTER - DWG. NO. CG-265
   SIDEWALK RAMP - DWG. NO. CS-271
   MAILBOX LOCATION - DWG. MB-275
   PIPE BEDDING & BACKFILL DETAILS - DWG. NO. PB-280

9. CONSTRUCTION SEQUENCE TO ALLOW FOR UNINTERUPTED TRAFFIC. (COMPLETE WESTERLY LANE FIRST)

STORM SEWERS:

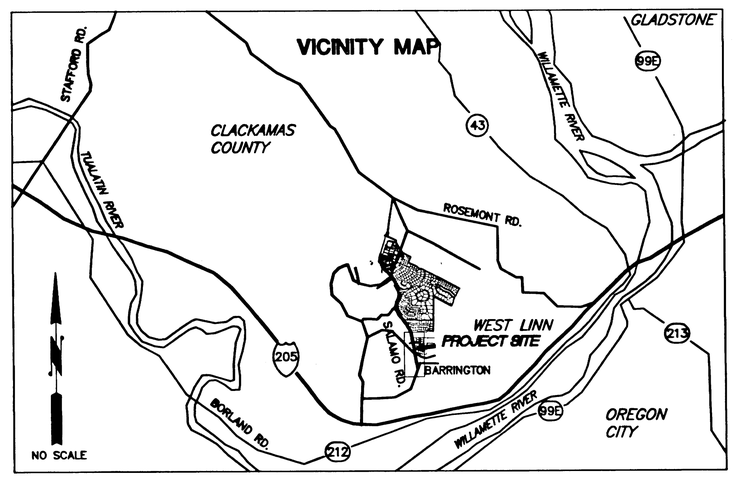
9. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WEST LINN'S STANDARD PLANS. PRECAST BASES WILL NOT BE PERMITTED FOR MANHOLES.
10. TRENCH BACKFILL IN PAVED AREAS WILL BE 3/4-INCH TO 0-INCH CRUSHED ROCK COMPACTED TO 95 PERCENT RELATIVE MAXIMUM DENSITY, AASHTO T-99.
11. PRIOR TO ACCEPTANCE, ALL PUBLIC STORM SEWERS SHALL BE AIR TESTED IN ACCORDANCE WITH THE CITY OF WEST LINN'S REQUIREMENTS.
12. MANHOLE RIM ELEVATIONS SHOWN ARE APPROXIMATE AND FOR INFORMATION ONLY. FINAL ELEVATIONS SHALL BE SET TO MATCH CONSTRUCTED FINISH GRADE.
13. ALL STORM SEWER PIPES OVER 12" IN DIAMETER SHALL BE CONCRETE, ASTM C-14 CLASS III, BELL AND SPIGOT WITH RUBBER O- RING.

STREET CONSTRUCTION

PROJECT TEAM
- CLIENT: CITY OF WEST LINN
  PROJECT MANAGER - GARY PARKIN 722-5500
- ENGINEER: OTAK
  PROJECT MANAGER - M. FARES KEKHIA 635-3618

BENCH MARK

BENCH MARK: CITY OF WEST LINN BENCH MARK "B" IS 93.5' EAST AND 17.0' SOUTH OF EDGE OF PAVEMENT FROM 5-WAY INTERSECTION OF ROSEMONT/SANTA ANA. 3" CAP ON PIPE WITH YELLOW WATER WORKS LID. ELEV.= 667.22.



GENERAL NOTES:

ROW CENTERLINE IS CONSTRUCTION CENTERLINE
℄ ROW STA 4+50.00 TO ℄ ROW STA 9+00.00 PROFILE ON SHEET 6

CONSTRUCTION PROFILE FOR LEFT CENTERLINE
LT ℄ STA 9+08.51 TO LT ℄ STA 12+50.00 IS SHOWN ON SHEET 7

SHEET INDEX

1. COVER SHEET
2. DEMOLITION AND CONSTRUCTION STAGING PLAN
3. GRADING AND EROSION CONTROL PLAN
4. EROSION CONTROL DETAILS AND NOTES
5. STREET PLAN
6. ROW CENTERLINE PROFILE STA: 4+50 - 9+00
   LEFT CENTERLINE PROFILE STA: 9+08.51 - 12+50
7. STREET LIGHT IMPROVEMENT PLAN

LEGEND

EXISTING		PROPOSED	
			THRUST BLOCK
	FIRE HYDRANT (EFH)		FIRE HYDRANT
	REDUCER (ERED)		REDUCER
	BLOWOFF (B.O.) ASSEMBLY		BLOWOFF (B.O.) ASSEMBLY
	PRESSURE REDUCING VALVE		PRESSURE REDUCING VALVE
	AIR RELEASE VALVE		AIR RELEASE VALVE
	CHECK VALVE		CHECK VALVE
	CLEANOUT		CLEANOUT
	MANHOLE		MANHOLE
	GAS VALVE		GAS VALVE
	GATE VALVE		GATE VALVE
	BUTTERFLY VALVE		BUTTERFLY VALVE
	WATER METER		WATER METER
	IRRIGATION CONTROL VALVE		IRRIGATION CONTROL VALVE
	TRAFFIC SIGNAL CONTROL		TRAFFIC SIGNAL CONTROL
	SIGN		SIGN
	INLET		INLET
	VAULT		VAULT
—W—	WATER LINE	—W—	WATER LINE
—ST—	STORM SEWER	—ST—	STORM SEWER
—SA—	SANITARY SEWER	—SA—	SANITARY SEWER
	RETAINING WALL		RETAINING WALL
—x—	FENCE	—x—	FENCE
	DITCH		DITCH
	PROPERTY AND R/W LINE		PROPERTY AND R/W LINE
	UTILITY EASEMENT		UTILITY EASEMENT
	SLOPE EASEMENT LINE		SLOPE EASEMENT LINE
	CENTERLINE		CENTERLINE
	EDGE OF PAVM'T		EDGE OF PAVM'T
	CURB		CURB
	DECIDUOUS TREE		DECIDUOUS TREE
	EVERGREEN TREE		EVERGREEN TREE
	DRIP LINE OR VEGETATION LINE		DRIP LINE OR VEGETATION LINE
	BENCH MARK		BENCH MARK
	LUMINAIRE		LUMINAIRE
T	TELEPHONE STANDPIPE	T	TELEPHONE STANDPIPE
P	POWER STANDPIPE	P	POWER STANDPIPE
	POWER POLE/TELEPHONE POLE		POWER POLE/TELEPHONE POLE
			GUY POLE
—G—	GAS LINE	—G—	GAS LINE
—T—	TELEPHONE LINE	—T—	TELEPHONE LINE
—TV—	T.V. CABLE	—TV—	T.V. CABLE
—P—	POWER LINE	—P—	POWER LINE
	SILT FENCE		SILT FENCE
	INLET PROTECTION		INLET PROTECTION
	CHECK DAM		STRAW BALE BARRIER
	SILT FENCE AFTER GRADING COMPLETED IN WINTER CONSTRUCTION		OUTLET PROTECTION
			SEDIMENT TRAP

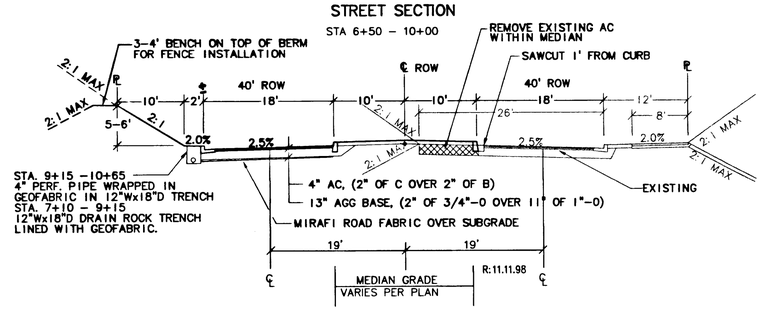
LOCATES (48 HOURS NOTICE REQUIRED PRIOR TO EXCAVATION)

ONE CALL SYSTEM	246-6699
(GENERAL TELEPHONE, NORTHWEST	
(NATURAL GAS, U.S. WEST, U.S. SPRINT)	
PORTLAND GENERAL ELECTRIC	643-5454, EXT. 312, 313, 314
TCI CABLE TELEVISION	243-7491
REPAIR EMERGENCIES	
NORTHWEST NATURAL GAS	226-4211, EXT. 4413
GENERAL TELEPHONE	629-2121
CITY OF WEST LINN	
WATER OPERATIONS	656-3535
SANITARY SEWER OPERATIONS	656-3535

THE CONTRACTOR, IN LOCATIONS AND PROTECTING UNDERGROUND UTILITIES, MUST COMPLY WITH THE REGULATIONS OF O.R.S. 757.541 TO 757.571

STREET SECTION

STA 6+50 - 10+00



These As-built Plans were compiled from survey data, data collected from others, and periodic observation during construction. It is suggested that these plans be used in conjunction with field verification of location and elevations of improvements in question. These plans are an accurate record of public improvements to the best of my information, knowledge and belief.

Signature

Date 1-20-99

"AS-BUILT"
DATE 1-20-99 BY G. SHOMAKER

Date MFK 5/25/98
Designed JCH 5/25/98
Drawn MFK 1/20/99
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 29, 1994 M. FARES KEKHIA
EXPIRES JUNE 30, 1999

CITY OF WEST LINN
P.O. BOX 651
2042 8TH AVENUE
WEST LINN, OR 97068
PHONE: (503) 656-4211
FAX: (503) 656-8756

SALAMO ROAD SOUTH
CITY OF WEST LINN - OREGON
FULL STREET IMPROVEMENTS
COVER SHEET

otak Incorporated
17355 SW Boones Ferry Rd.
Lake Oswego, Oregon 97035
Phone: (503) 635-3618
FAX: (503) 635-5395

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Project No.
D486S001
File No.
1 of 7
Sheet No.

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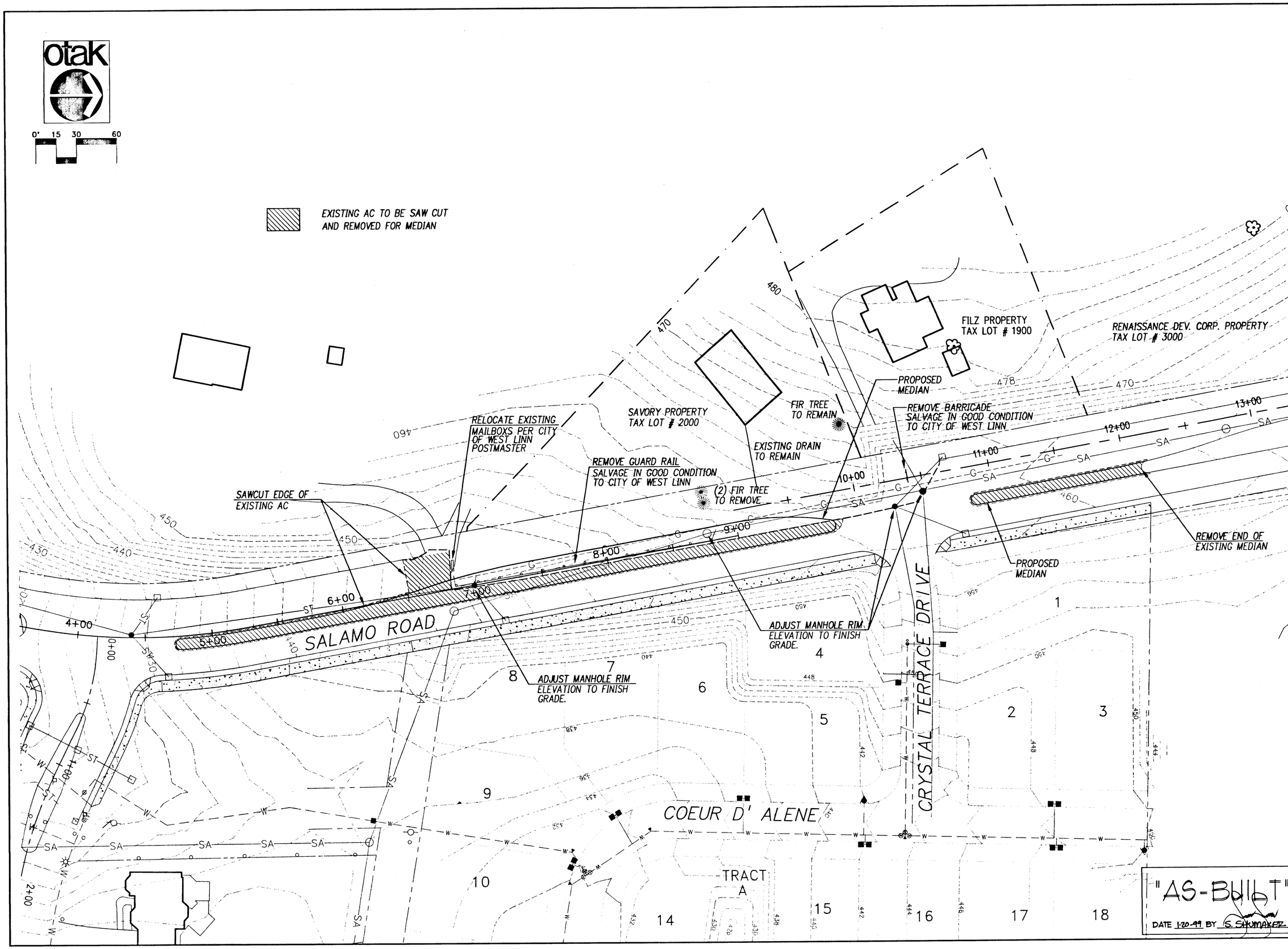

"AS-BUILT"
DATE 1-20-99 BY S. SHUMAKER

Date MFK 5/25/98
Designed JCH 5/25/98
Drawn
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1994 M. FARES KEKHIA EXPIRES JUNE 30, 1999

CITY OF WEST LINN
P.O. BOX 651
2042 8TH AVENUE
WEST LINN, OR 97068
PHONE: (503) 656-4211
FAX: (503) 656-8756

West Linn

SALAMO ROAD SOUTH

CITY OF WEST LINN – OREGON
FULL STREET IMPROVEMENTS
DEMOLITION PLAN

otak Incorporated
17355 SW Boones Ferry Rd.
Lake Oswego, Oregon 97035
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FAX: (503) 635-5395

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Project No.
D486SD01
File No.
2 of 7
Sheet No.

otak

0' 15 30 60

REMOVE INLET PROTECTION AT COMPLETION OF CONSTRUCTION

—CL— — — CLEARING LIMITS - CLEAR ALL BRUSH TREES EXCEPT AS NOTED

NOTE: GRADING DEPICTED ON TAX LOT #2000 BY VISUAL FIELD OBSERVATION ONLY.

FILZ PROPERTY
TAX LOT # 1900

SAVORY PROPERTY
TAX LOT # 2000

CL PT = 5+26.87

SALAMO ROAD

CRYSTAL TERRACE DRIVE

COEUR D' ALENE

TRACT A

4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00

1 2 3 4 5 6 7 8 9 10 14 15 16 17 18

"AS-BUILT"
DATE 1-20-99 BY S. SHUMAKER

Date
MFK 5/25/98
Designed
JCH 5/25/98
Drawn
MFK 1/20/99
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1984 M. FARES KERMIA
EXPIRES JUNE 30, 1999

CITY OF WEST LINN
P.O. BOX 651
2042 8TH AVENUE
WEST LINN, OR 97068
PHONE: (503) 656-4211
FAX: (503) 656-8756

West Linn

SALAMO ROAD SOUTH

CITY OF WEST LINN - OREGON
FULL STREET IMPROVEMENTS
GRADING AND EROSION CONTROL PLAN

otak Incorporated
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Lake Oswego, Oregon 97035
Phone: (503) 635-3618
FAX: (503) 635-5395

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3 of 7
Sheet No.

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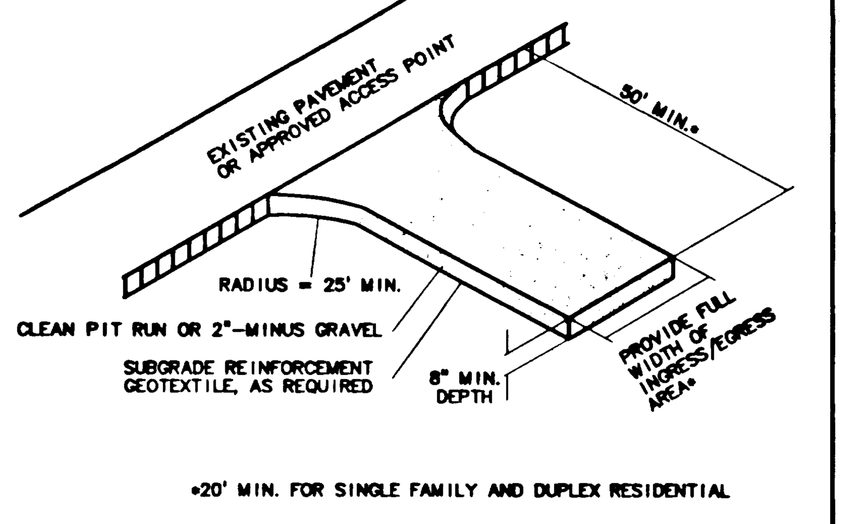
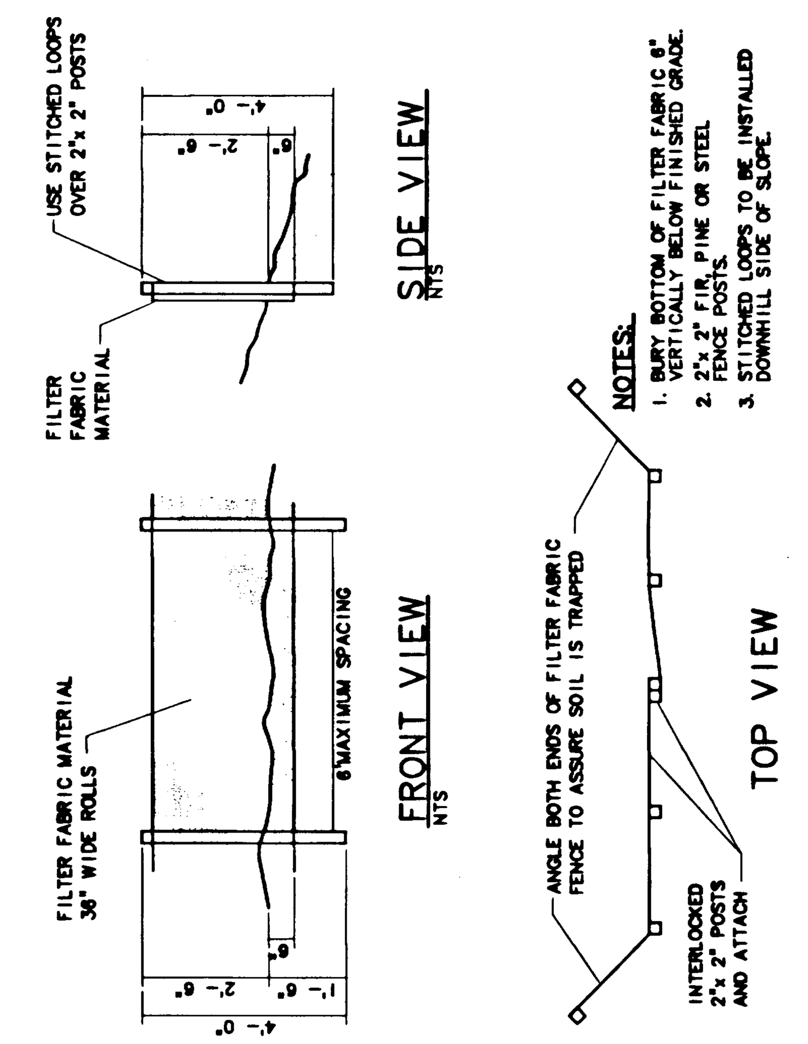


*20' MIN. FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL

Gravel Construction Entrance
Detail Drawing 3-1A



Sediment Fence
Detail Drawing 3-2

EROSION CONTROL GENERAL NOTES

APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, DETENTION FACILITIES, UTILITIES, ETC.).

THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.

THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.

THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.

AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.

STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

EROSION CONTROL AND POLLUTION CONTROL MEASURE

EROSION CONTROL MEASURES FOR DISTURBED AREAS:

ALL DISTURBED SLOPES GREATER THAN 3:1 HAVE BEEN GRADED AND COMPACTED PRIOR TO OCTOBER 1ST SHALL BE HYDROSEEDED USING THE FOLLOWING SPECIFICATIONS:

SEEDING SHALL NOT BE DONE DURING WINDY WEATHER OR WHEN THE GROUND IS FROZEN, EXCESSIVELY WET OR OTHERWISE UNTILLABLE.

SEED MAY BE DOWN BY THE FOLLOWING METHOD:

HYDROSEEDED WHICH UTILIZED WATER AS THE CARRYING AGENT, AND MAINTAINS CONTINUOUS AGITATION THROUGH PADDLE BLADES. IT SHALL HAVE AN OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND AND MIX INTO A HOMOGENEOUS SLURRY OF THE SPECIFIED AMOUNT OF SEED AND WATER OR OTHER MATERIAL. DISTRIBUTION AND DISCHARGE LINES SHALL BE LARGE ENOUGH TO PREVENT STOPPAGE AND SHALL BE EQUIPPED WITH A SET OF HYDRAULIC DISCHARGE SPRAY NOZZLES WHICH WILL PROVIDE A UNIFORM DISTRIBUTION OF THE SLURRY.

GRASS SHALL BE SEEDED AT THE RATE OF NOT LESS THAN ONE HUNDRED THIRTY (130) POUNDS PER ACRE. SEED MIX SHALL INCLUDE:

STATE HIGHWAY ROADSIDE SEEDING MIX.

FERTILIZER SHALL BE APPLIED AT THE RATE OF 300 POUNDS PER ACRE.

NITROGEN - 22%

PHOSPHORIC ACID - 16%

SOLUBLE POTASH - 8%

WOOD CELLULOSE FIBER SHALL BE APPLIED AT THE RATE OF ONE AND ONE (1-1/2) TONS PER ACRE.

THE EXACT TIME FOR SEEDING WILL BE DETERMINED BY ACTUAL WEATHER CONDITIONS. THE NORMAL SATISFACTORY PERIOD FOR SEEDING SHALL BE CONSIDERED BETWEEN MARCH 1 TO JUNE 1 AND SEPTEMBER 1 TO OCTOBER 1 UNLESS OTHERWISE AUTHORIZED BY THE OWNER EXCEPT THAT CONTRACTOR MAY PERFORM SEEDING OPERATIONS FROM JUNE 1 TO SEPTEMBER 1 PROVIDED THAT HE WATERS THE NEW GRASS TO THE SATISFACTION OF THE OWNER.
WHEN DELAYS IN OPERATIONS CARRY THE WORK BEYOND THE MOST FAVORABLE PLANTING SEASON, OR WHEN WEATHER CONDITIONS ARE SUCH THAT SATISFACTORY RESULTS ARE NOT LIKELY TO BE OBTAINED FOR ANY STAGE OF THE SEEDING OPERATIONS, THE CONTRACTOR WILL STOP THE WORK AND IT SHALL BE RESUMED ONLY WHEN THE DESIRED RESULTS ARE LIKELY TO BE OBTAINED. IF OPERATIONS EXTEND PAST OCTOBER 1 ALTERNATE HAY PLACEMENT AND SPRING SEEDING SHALL BE SUBSTITUTED.

THE CONTRACTOR SHALL PROTECT ALL SEEDED AREAS FROM EROSION UNTIL FINAL INSPECTION AND ACCEPTANCE HAS BEEN MADE. AREAS DAMAGED BY EROSION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

ALL DISTURBED AREAS WITH SLOPES LESS THAN 3:1 THAT HAVE BEEN GRADED AND COMPACTED SHALL BE SEEDED PRIOR TO OCTOBER 1, WITH THE SAME SEED AND FERTILIZER MIX AS USED IN HYDROSEEDING AND SPREAD EVENLY OVER THE SITE.

ALL DISTURBED AREAS NOT GRADED AND COMPACTED PRIOR TO OCTOBER 1, SHALL BE SEEDED WITH 200 LBS PER ACRE OF HIGHWAY MIX AND SPREAD WITH A HAY MULCH LAYER 1 1/2" TO 2" THICK.

EROSION CONTROL PROTECTION SHALL BE CONSIDERED COMPLETE AND SUCCESSFUL WHEN A GRASS MAT HAS BEEN ESTABLISHED.

ADDITIONAL TEMPORARY EROSION CONTROL (DURING CONSTRUCTION)

HAY BALES WILL BE PLACED AT THE TOP OF ALL MAJOR FILL SLOPES WHEN NECESSARY, TO PREVENT SILT FROM WASHING INTO EXISTING DRAINAGE WAYS. (SILTATION BARRIER).

TEMPORARY DITCHES WILL BE CONSTRUCTED AS NECESSARY TO ASSURE DRAINAGE IS CHANNELED TO THE FACILITIES BEING PROVIDED.

IF CONSTRUCTION TAKES PLACE DURING RAINY SEASON, HAY BALES AND "MIRAFI" 140 S FABRIC WILL BE REQUIRED AT ALL STORM DRAINAGE INLETS UNTIL ROCKING OF STRETCH IS COMPLETED AND DISTURBED SLOPES STABILIZED BY HYDROSEEDING.

SEDIMENT FENCES

THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.

THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE. THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 30 INCHES.

A TRENCH SHALL BE EXCAVATED, ROUGHLY 8 INCHES WIDE BY 12 INCHES DEEP, UPSLOPE AND ADJACENT TO THE WOOD POST TO ALLOW THE FILTER FABRIC TO BE BURIED.

WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRE OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 30 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STALED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF THE ABOVE STANDARD NOTE FOR STANDARD STRENGTH FILTER FABRIC APPLYING.

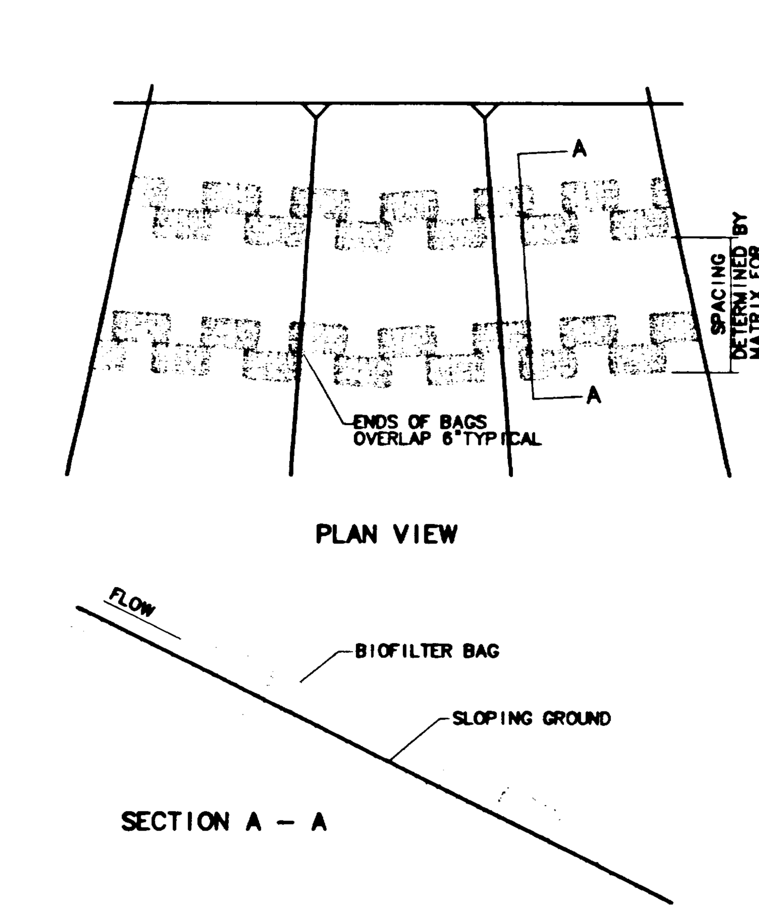
SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

SEDIMENT FENCES SHALL BE INSPECTED BY APPLICANT/CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

EROSION CONTROL MATRIX

SITE SITUATION \ EROSION MEASURES	1 GRAVEL CONSTRUCTION ENTRANCE	2 SEDIMENT FENCE/BARRIER AT TOE OF DISTURBED AREA OR STOCKPILE	3 SIDEWALK SUBGRADE GRAVEL BARRIER (SITE SLOPES TO STREET AT <5% GRADE) ALTERNATE TO #2	4 UNDISTURBED BUFFER AT TOE OF DISTURBED ARRAS (ALTERNATE TO #2) (SITE SLOPES <10%)	5 SEDIMENT FENCE OR BARRIER INSTALLED ON CONTOURS (SPACING)	6 TEMP. INTERCEPTOR DIKES/SWALES AROUND ACTIVE WORK AREAS	7 CHECK DAMS	8 STORM DRAIN INLET PROTECTION BARRIER	9 6-MIL PLASTIC SHEET COVER	10 2"- MIN. STRAW MULCH COVER	11 ESTABLISH GRASS	12 EROSION BLANKETS WITH ANCHORS	13 SEDIMENT TRAP OR POND	14 RE-ESTABLISH VEGETATION OR LANDSCAPE PRIOR TO REMOVAL OF EROSION CONTROL MEASURES
SINGLE FAMILY/ DUPLEX RESIDENTIAL														
SLOPE <2%	X		A(2)											X
SLOPE >2%	X	X		A(2)										X
STOCK PILES		X		X					•	O				
COMERCIAL, SUBDIVISION LARGE SITE CONSTRUCTION														
SITE SLOPE <2%	X	X				#								X
SITE SLOPE <10%	X	X		A(2)	X300'	#			O	O	•	O	O	X
SITE SLOPE <15%	X	X			X150'	#			O	O	•	O	O	X
SITE SLOPE <20%	X	X			X100'	#			O	O	•	O	O	X
SITE SLOPE <30%	X	X			X 50'	#			O	O	•	O	O	X
SITE SLOPE <50%	X	X			X 25'	#			•	O	•	O		X
STOCK PILE SLOPE >50%	X	X			X 25'	#			•	O		O		
UTILITIES CONSTRUCTION														
CATCH BASIN DRAINAGE								X						X
DITCH DRAINAGE							X							X
STOCK PILES														
STOCK PILES									•	O				
DITCHES/SWALES (CONSTRUCTION/PROTECTION)		X					X			•	O	O		X

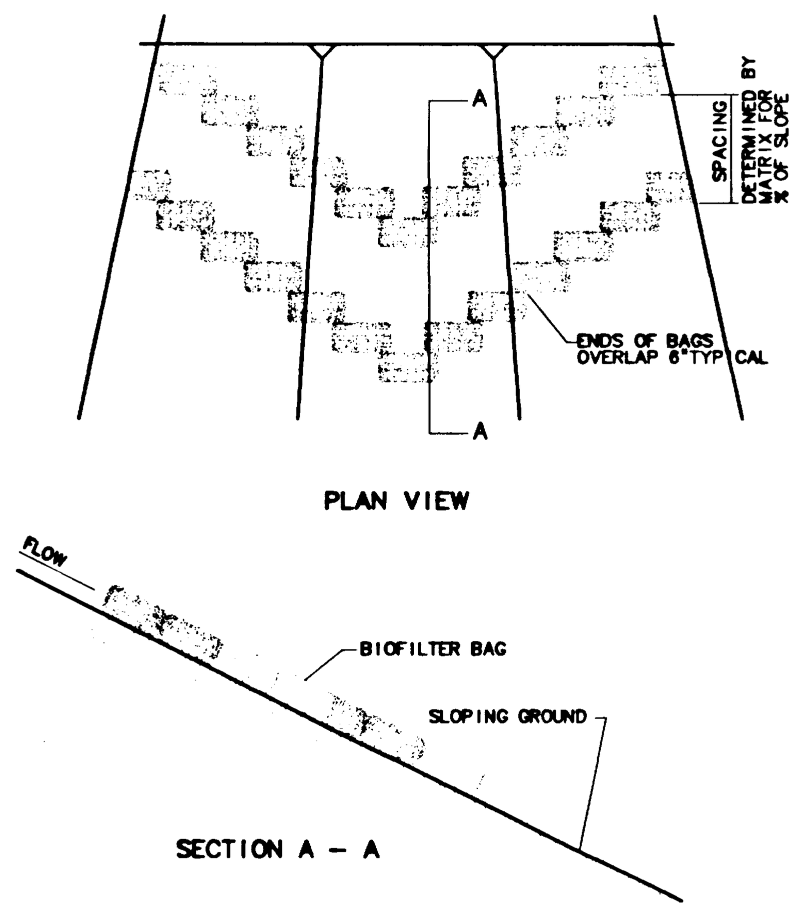
KEY: X = BASE MEASURE   A = ALTERNATE TO BASE MEASURE INDICATED IN PARENTHESIS   # = OPTIONAL BASE MEASURE CAN USE AS APPLICABLE
• = SUPPLEMENTAL WET WEATHER MEASURE (NOVEMBER 1-APRIL 30) (SEEDING PRIOR TO SEPTEMBER 1)   O = ALTERNATE WET WEATHER MEASURE TO •



ALTERNATE #1
NTS

NOTE:
STAKING OF BAGS MAY BE REQUIRED WITH EITHER METHOD. USING (2) 1"x 2" WOOD STAKES OR APPROVED EQUAL PER BAG.

Biofilter Bag
Overland Flow
Detail Drawing 3-3B

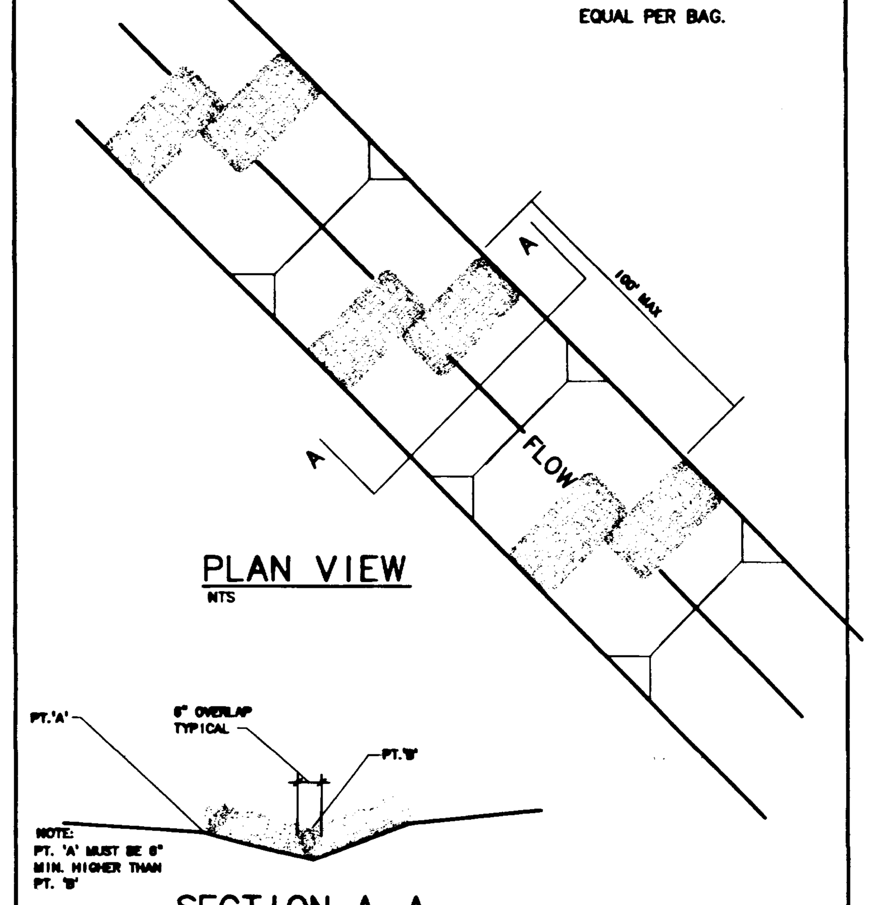


ALTERNATE #2
NTS

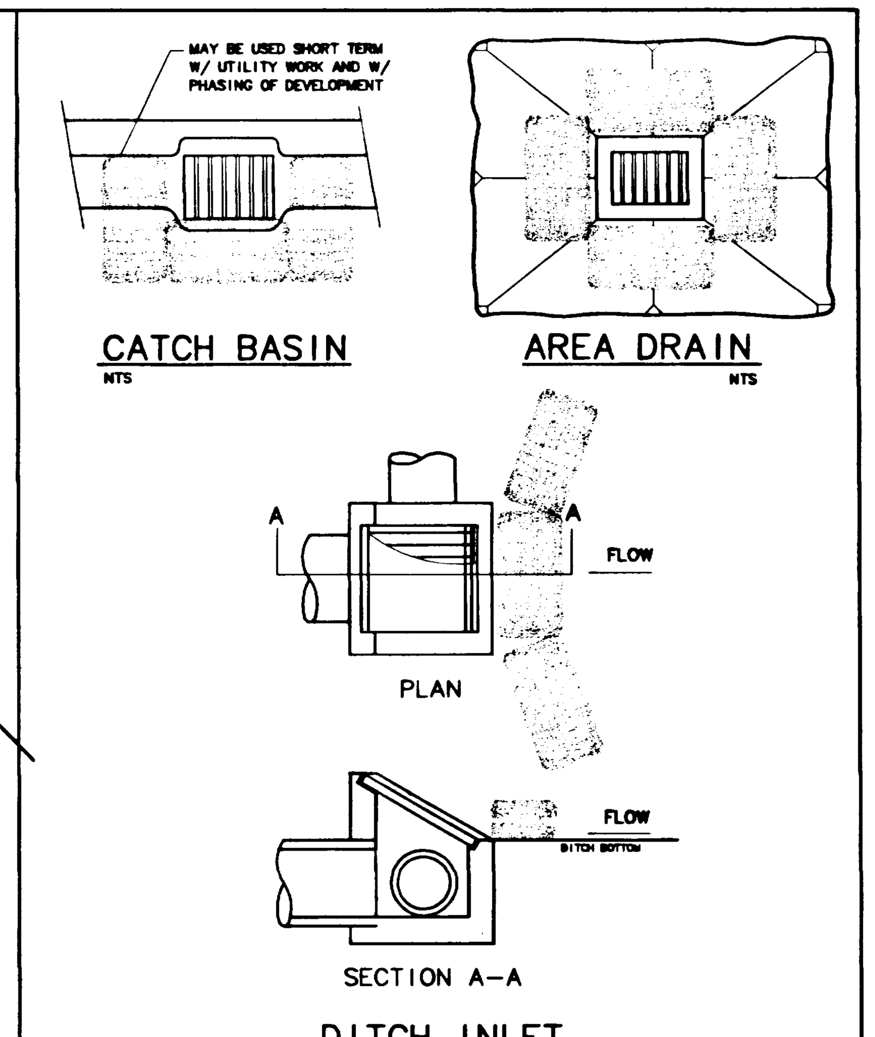
NOTE:
STAKING OF BAGS MAY BE REQUIRED WITH EITHER METHOD. USING (2) 1"x 2" WOOD STAKES OR APPROVED EQUAL PER BAG.

Biofilter Bag
Overland Flow
Detail Drawing 3-3C

NOTE:
STAKING OF BAGS MAY BE REQUIRED USING (2) 1"x 2" WOOD STAKES OR APPROVED EQUAL PER BAG.



Biofilter Bag
Ditches and Swales



Biofilter Bags
Temporary
Detail Drawing 3-7D

Date
MFK 5/25/98
Designed
JCH 5/25/98
Drawn

Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1994 M. FARES KEKHIA
EXPIRES JUNE 30, 1999

CITY OF WEST LINN
P.O. BOX 651
2042 8TH AVENUE
WEST LINN, OR 97068
PHONE: (503) 656-4211
FAX: (503) 656-8756

SALAMO ROAD SOUTH

CITY OF WEST LINN - OREGON
FULL STREET IMPROVEMENTS

EROSION CONTROL DETAILS AND NOTES

otak
Incorporated
17355 SW Boones Ferry Rd.
Lake Oswego, Oregon 97035
Phone: (503) 635-3618
FAX: (503) 635-5395

L9486.D01
Project No.
D486SD02
File No.

06/05/1998 1:51pm

LEGEND

- PROPERTY LINE/ROW
- CENTERLINE
- EDGE OF SHOULDER
- EDGE OF PAVEMENT
- DITCHLINE
- CURB LINE
- EXTG EDGE OF PAVEMENT

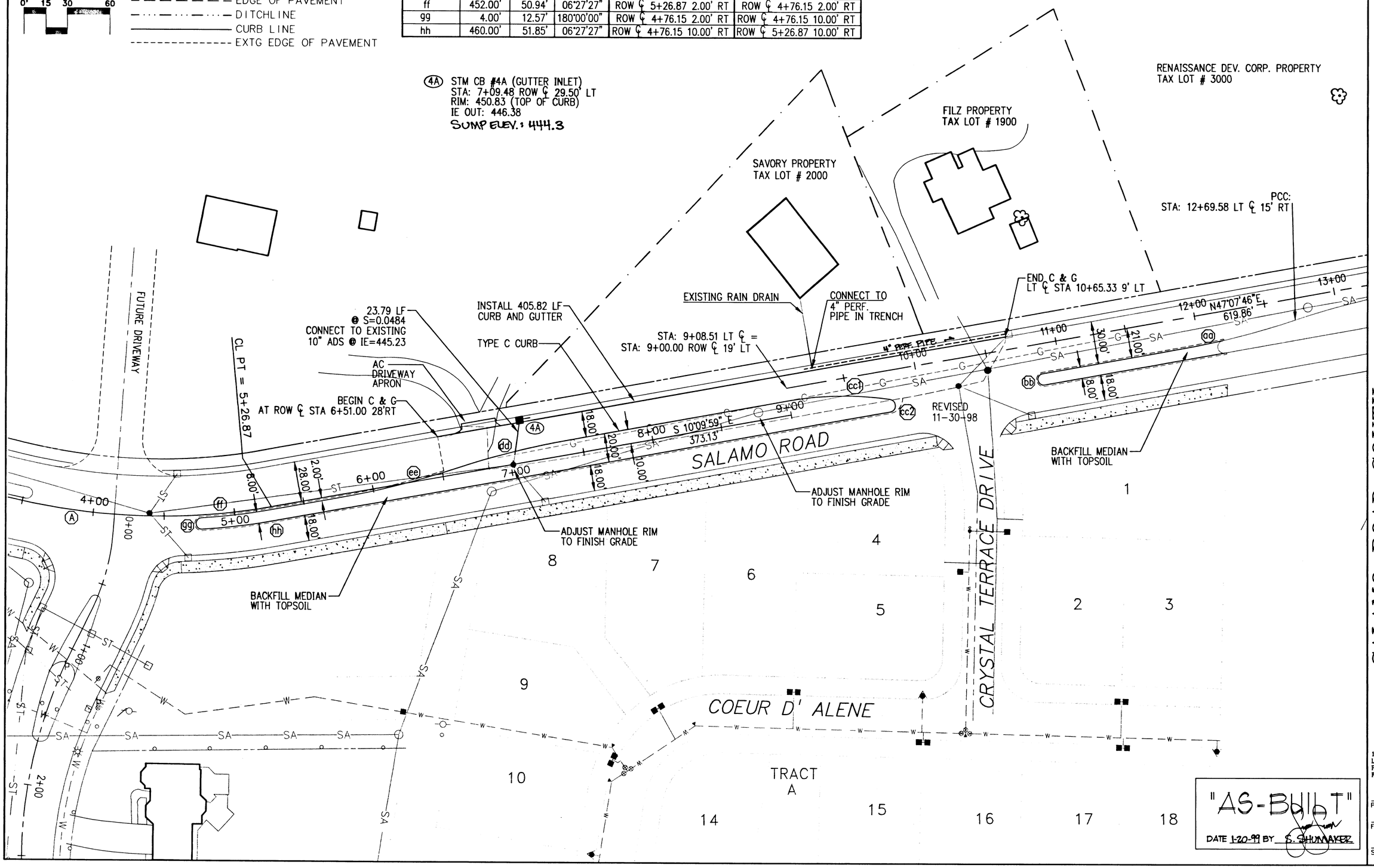
0' 15 30 60

MEDIAN CURVES

CURVE	RADIUS	LENGTH	DELTA	BEGIN STA/OFFSET	END STA/OFFSET
aa	572.96'	29.46'	06°17'57"	LT ℄ 12+16.32 20.24' RT	LT ℄ 11+86.88 21.00' RT
bb	4.00'	12.57'	180°00'00"	LT ℄ 10+86.88 21.00' RT	LT ℄ 10+86.88 29.00' RT
cc1	225.00'	71.37'	18°10'27"	LT ℄ 9+08.21 9.00' RT	LT ℄ 9+78.69 20.22' RT
cc2	4.50'	12.71'	161°49'33"	LT ℄ 9+78.69 20.22' RT	LT ℄ 9+77.28 29.00' RT
dd	572.96'	82.99'	06°17'57"	ROW ℄ 7+41.33 10.00' LT	ROW ℄ 6+58.63 4.00' LT
ee	572.96'	82.99'	08°17'57"	ROW ℄ 6+58.63 4.00' LT	ROW ℄ 5+75.93 2.00' RT
ff	452.00'	50.94'	06°27'27"	ROW ℄ 5+26.87 2.00' RT	ROW ℄ 4+76.15 2.00' RT
gg	4.00'	12.57'	180°00'00"	ROW ℄ 4+76.15 2.00' RT	ROW ℄ 4+76.15 10.00' RT
hh	460.00'	51.85'	06°27'27"	ROW ℄ 4+76.15 10.00' RT	ROW ℄ 5+26.87 10.00' RT

CENTERLINE CURVES

CURVE	RADIUS	LENGTH	DELTA
A	450.00'	376.73'	47°58'02"



"AS-BUILT"
DATE 1-20-99 BY S. SHUMAKER

Date MFK 5/25/98
Designed JCH 5/25/98
Drawn
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1994 M. FARES KEKHIA EXPIRES JUNE 30, 1999

CITY OF WEST LINN
P.O. BOX 651
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WEST LINN, OR 97068
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FAX: (503) 656-8756

West Linn

SALAMO ROAD SOUTH

CITY OF WEST LINN - OREGON
FULL STREET IMPROVEMENTS
STREET PLAN

otak Incorporated
17355 SW Boones Ferry Rd.
Lake Oswego, Oregon 97035
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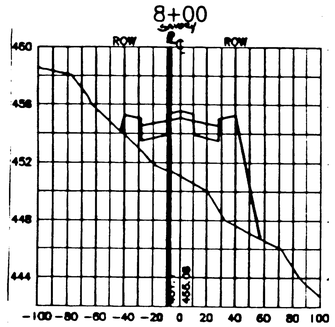
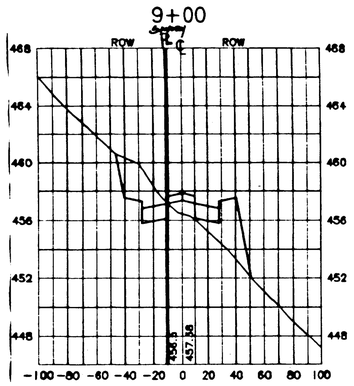
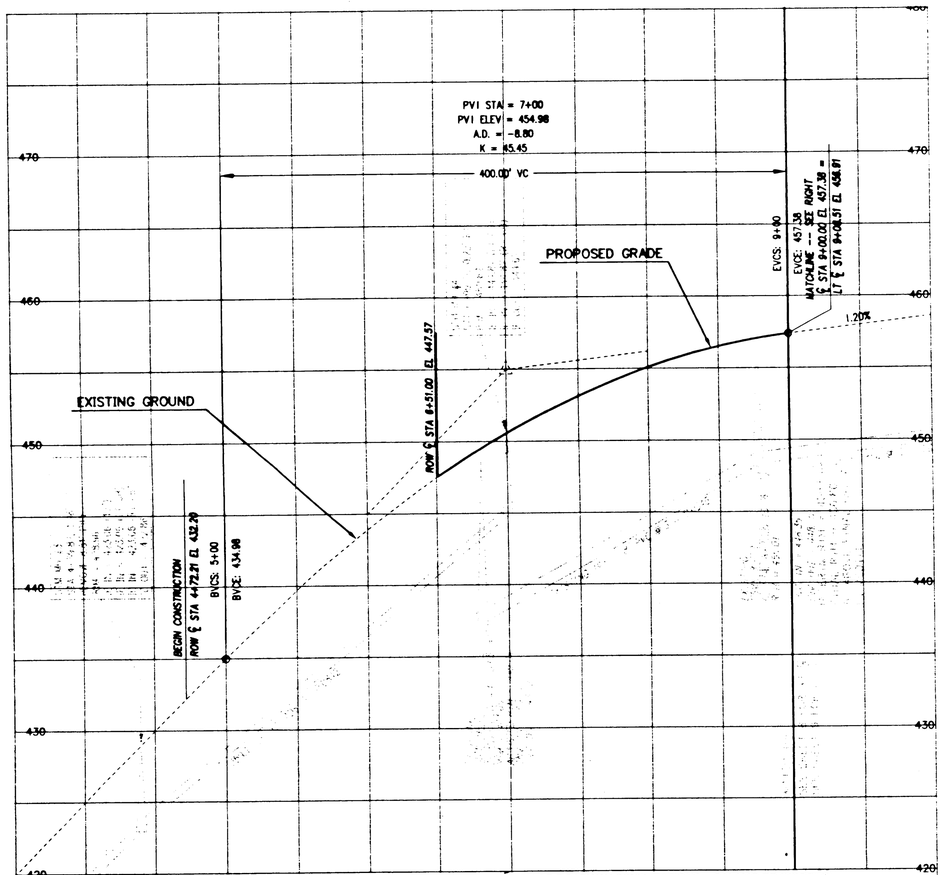
L9486.D01
Project No.
D486STR1
File No.
5 of 7
Sheet No.







SUMMARY OF ROADWAY COMPUTATIONS – SALAMO RD SOUTH CL
DESIGN SPEED = mph

DATE: 10-Aug-98
TIME: 12:42:06 PM

STATION	T.O.C. LEFT	O/S	SLOPE LEFT	C.L. ELEV.	SLOPE RIGHT	O/S	T.O.C. RIGHT
450.00	429.79	28.00	-0.0250	429.99	-0.0250	28.00	429.79
459.59 CB3A	430.75	28.00	-0.0250	430.95	-0.0250	28.00	430.75
460.86 cr rt	430.88	28.00	-0.0250	431.08	-0.0250	28.00	430.88
467.10 CB 3B	431.50	28.00	-0.0250	431.70	-0.0250	28.00	431.50
475.00	432.29	28.00	-0.0250	432.49	-0.0250	28.00	432.29
500.00	434.78	28.00	-0.0250	434.98	-0.0250	28.00	434.78
525.00	437.21	28.00	-0.0250	437.41	-0.0250	28.00	437.21
550.00	439.51	28.00	-0.0250	439.71	-0.0250	28.00	439.51
575.00	441.66	28.00	-0.0250	441.86	-0.0250	28.00	441.66
600.00	443.68	28.00	-0.0250	443.88	-0.0250	28.00	443.68
613.69	444.73	28.00	-0.0250	444.93	-0.0250	28.00	444.73
625.00	445.58	28.00	-0.0250	445.78	-0.0250	28.00	445.58
650.00	447.31	28.00	-0.0250	447.51	-0.0250	28.00	447.31
657.45 haskins dr rt	447.80	28.00	-0.0250	448.00	-0.0250	28.00	447.80
667.82 haskins lt	448.46	28.00	-0.0250	448.66	-0.0250	28.00	448.46
675.00	448.91	28.00	-0.0250	449.11	-0.0250	28.00	448.91
700.00	450.38	28.00	-0.0250	450.58	-0.0250	28.00	450.38
700.00 MH 4	450.38	28.00	-0.0250	450.58	-0.0250	28.00	450.38
717.77 CB 4B	451.34	28.00	-0.0250	451.54	-0.0250	28.00	451.34
725.00	451.71	28.00	-0.0250	451.91	-0.0250	28.00	451.71
750.00	452.91	28.00	-0.0250	453.11	-0.0250	28.00	452.91
775.00	453.98	28.00	-0.0250	454.16	-0.0250	28.00	453.98
800.00	454.88	28.00	-0.0250	455.08	-0.0250	28.00	454.88
825.00	455.68	28.00	-0.0250	455.88	-0.0250	28.00	455.68
850.00	456.31	28.00	-0.0250	456.51	-0.0250	28.00	456.31
875.00	456.81	28.00	-0.0250	457.01	-0.0250	28.00	456.81
900.00 908.51 lt	457.18	28.00	-0.0250	457.38	-0.0250	28.00	457.18
900.00 891.49rt	457.18	28.00	-0.0250	457.38	-0.0250	28.00	457.18
900.00	457.18	28.00	-0.0250	457.38	-0.0250	28.00	457.18

PROFILE ROW ℄ SALAMO

HORIZONTAL 1" = 50'
VERTICAL 1" = 5'

NOTE: ALL PROPOSED STORM SHALL HAVE CLASS "B" BACKFILL

4+00 5+00 6+00 7+00 8+00 9+00 10+00

SUMMARY OF ROADWAY COMPUTATIONS – LT
DESIGN SPEED = 25mph

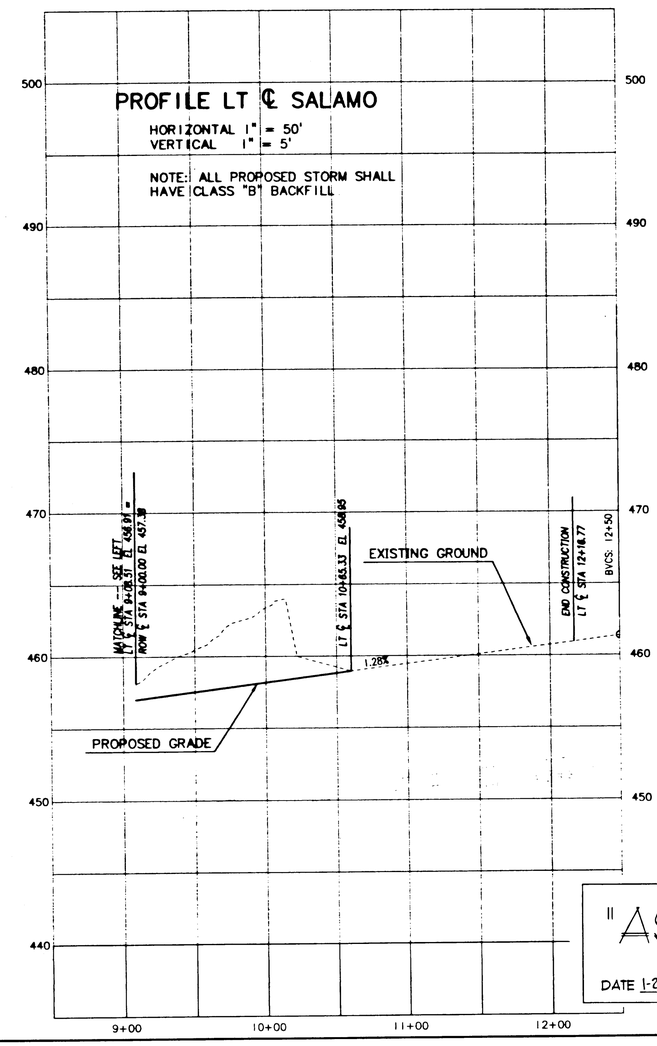
DATE: 10-Aug-98
TIME: 01:02:42 PM

STATION	T.O.C. LEFT	O/S	SLOPE LEFT	C.L. ELEV.	SLOPE RIGHT	O/S	T.O.C. RIGHT
908.51	457.19	9.00	-0.0250	456.91	0.0250	9.00	457.64
908.51	457.19	9.00	-0.0250	456.91	0.0250	9.00	457.64
908.51	457.19	9.00	-0.0250	456.91	0.0250	9.00	457.64
908.51	457.19	9.00	-0.0250	456.91	0.0250	9.00	457.64
908.51	457.19	9.00	-0.0250	456.91	0.0250	9.00	457.64
910.00	457.28	9.00	-0.0250	456.93	0.0250	9.00	457.66
915.00	457.27	9.00	-0.0250	456.99	0.0250	9.00	457.72
920.00	457.33	9.00	-0.0250	457.06	0.0250	9.00	457.79
925.00	457.40	9.00	-0.0250	457.12	0.0250	9.00	457.85
930.00	457.46	9.00	-0.0250	457.19	0.0250	9.00	457.91
935.00	457.53	9.00	-0.0250	457.25	0.0250	9.00	457.98
940.00	457.59	9.00	-0.0250	457.32	0.0250	9.00	458.04
945.00	457.66	9.00	-0.0250	457.38	0.0250	9.00	458.11
950.00	457.73	9.00	-0.0250	457.45	0.0250	9.00	458.18
955.00	457.79	9.00	-0.0250	457.52	0.0250	9.00	458.24
960.00	457.86	9.00	-0.0250	457.58	0.0250	9.00	458.31
965.00	457.92	9.00	-0.0250	457.65	0.0250	9.00	458.37
970.00	457.99	9.00	-0.0250	457.71	0.0250	9.00	458.44
975.00	458.05	9.00	-0.0250	457.78	0.0250	9.00	458.50
980.00	458.12	9.00	-0.0250	457.84	0.0250	9.00	458.57
985.00	458.18	9.00	-0.0250	457.91	0.0250	9.00	458.63
990.00	458.25	9.00	-0.0250	457.97	0.0250	9.00	458.70
995.00	458.31	9.00	-0.0250	458.04	0.0250	9.00	458.76
1000.00	458.38	9.00	-0.0250	458.10	0.0250	9.00	458.83
1005.00	458.44	9.00	-0.0250	458.17	0.0250	9.00	458.89
1010.00	458.51	9.00	-0.0250	458.23	0.0250	9.00	458.96
1015.00	458.57	9.00	-0.0250	458.30	0.0250	9.00	459.02
1020.00	458.64	9.00	-0.0250	458.36	0.0250	9.00	459.09
1025.00	458.70	9.00	-0.0250	458.43	0.0250	9.00	459.15
1030.00	458.77	9.00	-0.0250	458.49	0.0250	9.00	459.22
1035.00	458.83	9.00	-0.0250	458.56	0.0250	9.00	459.28
1040.00	458.90	9.00	-0.0250	458.62	0.0250	9.00	459.35
1045.00	458.96	9.00	-0.0250	458.69	0.0250	9.00	459.41
1050.00	459.03	9.00	-0.0250	458.75	0.0250	9.00	459.48
1055.00	459.09	9.00	-0.0250	458.82	0.0250	9.00	459.54
1060.00	459.16	9.00	-0.0250	458.88	0.0250	9.00	459.61
1065.00	459.22	9.00	-0.0250	458.95	0.0250	9.00	459.67
1070.00	459.29	9.00	-0.0250	459.01	0.0250	9.00	459.74
1075.00	459.35	9.00	-0.0250	459.08	0.0250	9.00	459.80
1080.00	459.42	9.00	-0.0250	459.14	0.0250	9.00	459.87
1085.00	459.48	9.00	-0.0250	459.21	0.0250	9.00	459.93
1090.00	459.55	9.00	-0.0250	459.27	0.0250	9.00	460.00
1095.00	459.61	9.00	-0.0250	459.34	0.0250	9.00	460.06
1100.00	459.68	9.00	-0.0250	459.40	0.0250	9.00	460.13
1105.00	459.74	9.00	-0.0250	459.47	0.0250	9.00	460.19
1110.00	459.81	9.00	-0.0250	459.53	0.0250	9.00	460.26
1115.00	459.87	9.00	-0.0250	459.60	0.0250	9.00	460.32
1120.00	459.94	9.00	-0.0250	459.66	0.0250	9.00	460.39
1125.00	460.00	9.00	-0.0250	459.73	0.0250	9.00	460.45
1130.00	460.07	9.00	-0.0250	459.79	0.0250	9.00	460.52

PROFILE LT ℄ SALAMO

HORIZONTAL 1" = 50'
VERTICAL 1" = 5'

NOTE: ALL PROPOSED STORM SHALL HAVE CLASS "B" BACKFILL



"AS-BUILT"
DATE 1-20-99 BY S. SHUMAKER

Date MFK 5/25/98
Designed JCH 5/25/98
Drawn
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1984 W. FRANCIS KEENAN
EXPIRES JUNE 30, 1999
9-18-98

CITY OF WEST LINN
P.O. BOX 651
2042 8TH AVENUE
WEST LINN, OR 97068
PHONE: (503) 656-4211
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SALAMO ROAD SOUTH

CITY OF WEST LINN – OREGON
FULL STREET IMPROVEMENTS
ROW CENTERLINE PROFILE STA: 4+50 – 9+00
LEFT CENTERLINE PROFILE STA: 9+08.51 – 12+50

otak

L9486.D01
Project No.
D486SP01
File No.
6 of 7
Sheet No.

otak

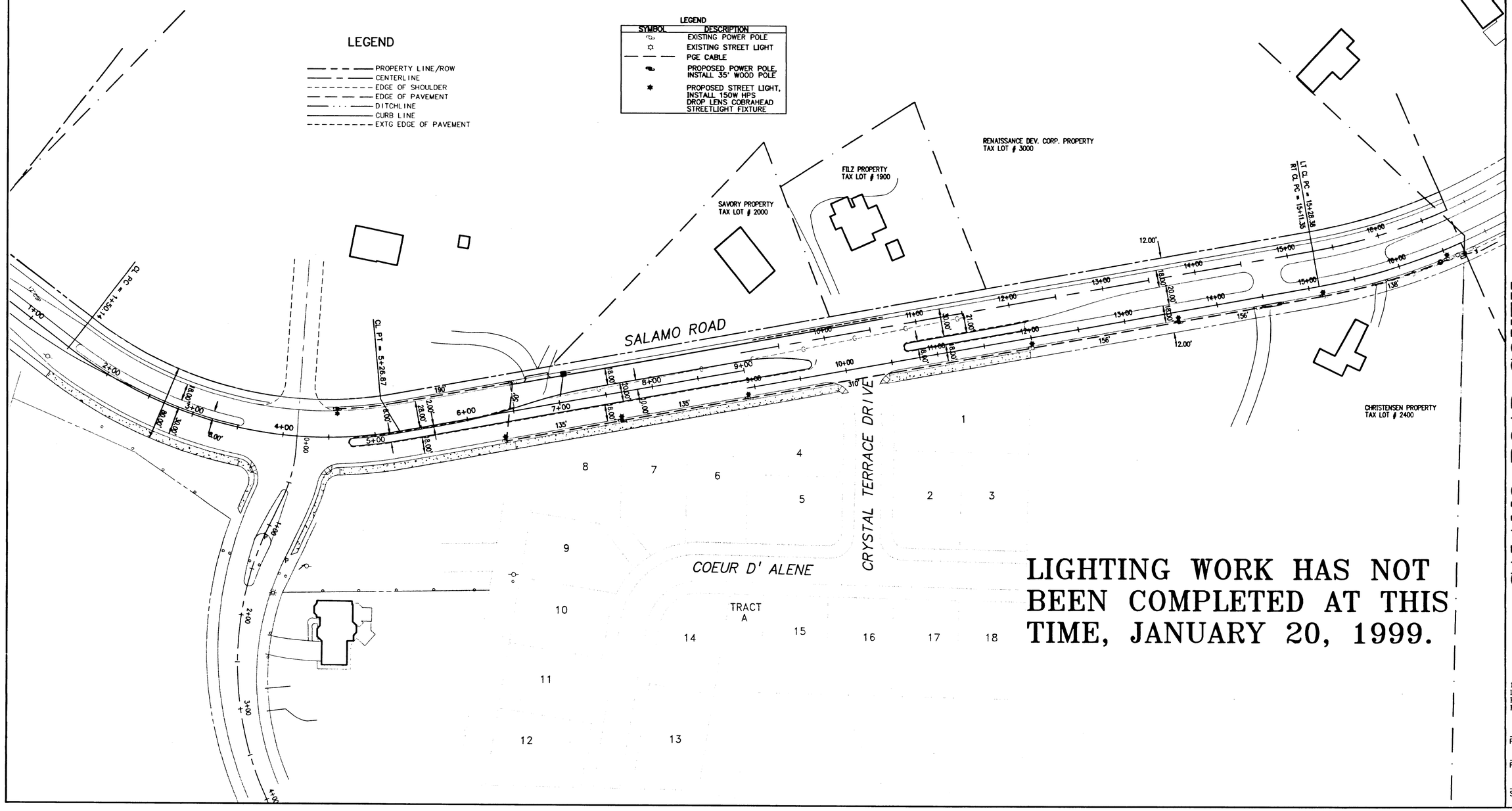
0' 25 50 100

LEGEND

- PROPERTY LINE/ROW
- CENTERLINE
- EDGE OF SHOULDER
- EDGE OF PAVEMENT
- DITCHLINE
- CURB LINE
- EXTG EDGE OF PAVEMENT

LEGEND

SYMBOL	DESCRIPTION
	EXISTING POWER POLE
	EXISTING STREET LIGHT
	PGE CABLE
	PROPOSED POWER POLE, INSTALL 35' WOOD POLE
	PROPOSED STREET LIGHT, INSTALL 150W HPS DROP LENS COBRAHEAD STREETLIGHT FIXTURE



LIGHTING WORK HAS NOT BEEN COMPLETED AT THIS TIME, JANUARY 20, 1999.

Date
MFK 5/25/98
Designed
JCH 5/25/98
Drawn
Checked By Date

REGISTERED PROFESSIONAL ENGINEER 17447 OREGON SEPTEMBER 28, 1994 M. FARES KEKHIA
EXPIRES JUNE 30, 1999

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SALAMO ROAD SOUTH

CITY OF WEST LINN - OREGON
FULL STREET IMPROVEMENTS
STREET LIGHT IMPROVEMENTS PLAN

otak Incorporated

17355 SW Boones Ferry Rd.
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Phone: (503) 635-3618
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L9486.D01
Project No.
D486SLHT
File No.
7 OF 7
Sheet No.

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