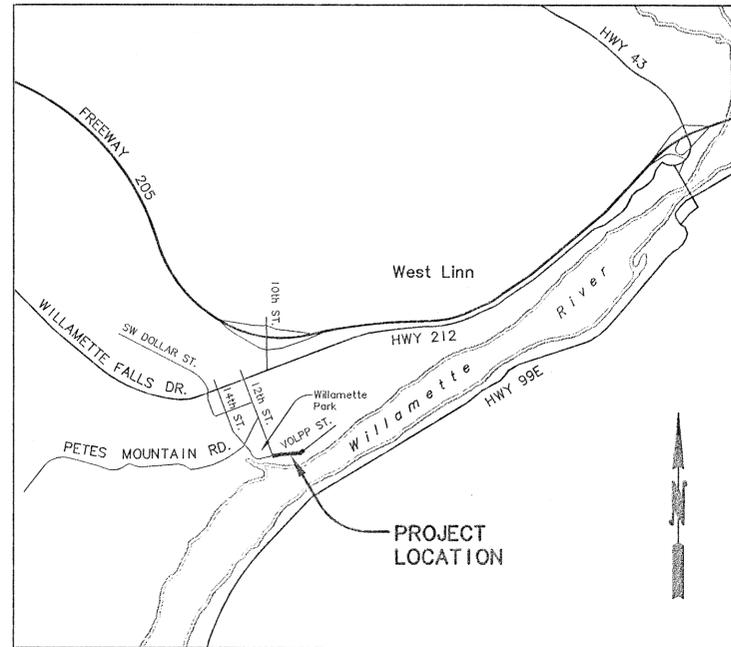


# VOLPP STREET IMPROVEMENTS CITY OF WEST LINN

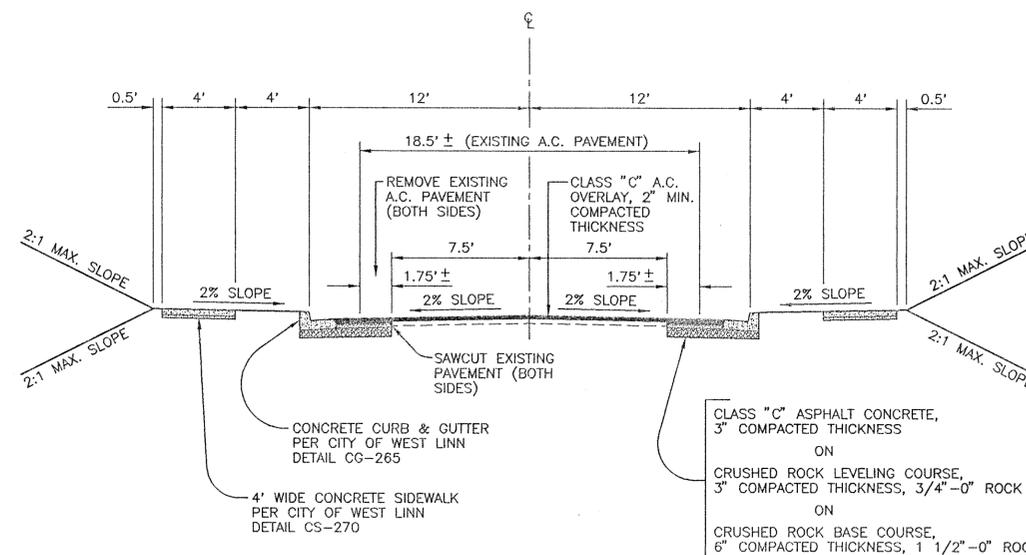
R.S.D. DESIGNED	5/14/96
R.S.D. DRAWN	5/14/96
D.C. CHECKED	5/21/96

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "CITY OF WEST LINN STREET/UTILITY DESIGN AND CONSTRUCTION STANDARDS" DATED JULY 14, 1988.
- 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.
- STRIPPINGS, ORGANIC AND OTHER UNDESIRABLE MATERIALS SHALL BE REMOVED FROM THE CONSTRUCTION AREA AND DISPOSED OF AS DIRECTED BY THE CITY OF WEST LINN.
- ALL FILL AREAS SHALL BE STRIPPED OF ORGANIC MATERIALS AND DEBRIS TO A MINIMUM DEPTH OF 6 INCHES. AFTER STRIPPING, THE UPPER TWELVE INCHES OF ON-SITE MATERIAL SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY ACCORDING TO AASHTO T-99 STANDARDS. FILL SHALL BE PLACED IN 9 INCH LAYERS AND COMPACTED TO 95% RELATIVE MAXIMUM DENSITY ACCORDING TO AASHTO T-99 STANDARDS. THE MOISTURE CONTENT OF THE ON-SITE AND FILL MATERIALS SHALL NOT BE MORE OR LESS THAN 2% FROM THE OPTIMUM MOISTURE CONTENT. THE CONTRACTOR SHALL 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 REQUIRED.
- ALL BASE ROCK FOR THE STREET SECTION SHALL BE COMPACTED TO 95% RELATIVE MAXIMUM DENSITY ACCORDING TO AASHTO T-99 STANDARDS.
- ASPHALT CONCRETE SHALL BE PLACED IN LIFTS THAT DO NOT EXCEED 2" IN DEPTH.
- DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL USE SUCH EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SILTING OF EXISTING DRAINAGE WAYS OR STORM DRAINS AND ADJACENT PROPERTIES. THESE MEASURES WILL INCLUDE THE PLACEMENT OF SILT FENCES AND BIOFILTER BAGS.
- CONTRACTOR SHALL LEAVE ALL AREAS OF THE PROJECT FREE OF DEBRIS AND UNUSED CONSTRUCTION MATERIALS.
- ALL DISTURBED AREAS NOT TO BE LANDSCAPED SHALL BE SEEDED TO PREVENT EROSION.
- MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WEST LINN'S STANDARD PLANS. PRECAST BASES WILL NOT BE PERMITTED FOR MANHOLES.
- TRENCH BACKFILL IN PAVED AREAS WILL BE 3/4-INCH TO 0-INCH CRUSHED ROCK COMPACTED TO 95% RELATIVE MAXIMUM DENSITY, AASHTO T-99.
- STORM SEWER PIPE SHALL BE CONCRETE PER ASTM C-76, CLASS V, WITH BELL AND SPIGOT TYPE JOINTS UNLESS OTHERWISE SPECIFIED. ALL JOINTS SHALL BE WATERTIGHT.
- MANHOLE RIM ELEVATIONS SHOWN ARE APPROXIMATE AND FOR INFORMATION ONLY. FINAL ELEVATIONS SHALL BE SET TO MATCH CONSTRUCTED FINISH GRADE.
- THE FOLLOWING CITY OF WEST LINN DETAILS SHALL BE USED AT LOCATIONS AS SPECIFIED IN THE PLANS:
  - STANDARD MANHOLE - DWG. NO. MH-209
  - SHALLOW MANHOLE - DWG. NO. MH-210
  - MANHOLE FRAME & COVER - DWG. NO. MH-212
  - COMMERCIAL DRIVEWAY - DWG. NO. DW-260
  - CURB & GUTTER - DWG. NO. CG-265
  - CONCRETE SIDEWALK - DWG. NO. CS-270
  - CONCRETE SIDEWALK JOINT DETAILS - DWG. NO. CS-270.1
  - STREET BARRICADE TYPE III - DWG. SB-276
  - PIPE BEDDING & BACKFILL DETAILS - DWG. NO. PB-280
- THE FOLLOWING UNIFIED SEWERAGE AGENCY (USA) DETAILS SHALL BE USED AT LOCATIONS AS SPECIFIED IN THE PLANS:
  - CURB & GUTTER INLET CATCH BASIN - DWG. NO. 170
  - FRAME - DWG. NO. 380
  - GRATE - DWG. NO. 390
- IN CASE OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE FIGURES WRITTEN THEREON, THE FIGURES SHALL BE DEEMED TO GOVERN.
- THE CONTRACTOR SHALL OBTAIN FROM THE ENGINEER OF RECORD AND HAVE AVAILABLE COPIES OF THE GOVERNING AGENCY STANDARDS AT THE PROJECT SITE DURING RELATED CONSTRUCTION OPERATIONS.
- 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.
- THE SURVEY OF EXISTING TOPOGRAPHY WAS PREPARED BY FIELD SURVEYING. THE CONTRACTOR SHALL SATISFY THEMSELVES AS TO ACTUAL CONDITIONS PRIOR TO THE BIDDING AND AWARD OF CONTRACT. NO ADDITIONAL COMPENSATION SHALL BE MADE BY THE OWNER AS A RESULT OF THE CONTRACTOR'S FAILURE TO SATISFY THEMSELVES WITH EXISTING CONDITIONS. THE SUBMITTAL OF A BID SHALL BE DEEMED ACKNOWLEDGEMENT AND ACCEPTANCE OF THIS CONDITION BY THE CONTRACTOR.
- THE EXISTING IRRIGATION SYSTEM ON THE SOUTH SIDE OF VOLPP STREET SHALL BE RELOCATED BY THE CITY OF WEST LINN AS NECESSARY.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF WEST LINN (557-4700) AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.



VICINITY MAP  
N.T.S.



TYPICAL SECTION  
N.T.S.

## INDEX TO SHEETS

- TITLE SHEET
- PLAN & PROFILE
- GRADING & EROSION CONTROL PLAN AND NOTES
- DETAILS

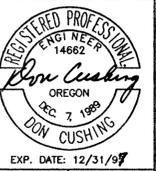
## LEGEND

- PROPOSED MANHOLE
- PROPOSED CATCH BASIN / INLET
- — — — — PROPOSED CONSTRUCTION CENTERLINE
- - - - - PROPOSED LIMITS OF CONSTRUCTION
- — — — — EXISTING PROPERTY LINE
- - - - - EXISTING EASEMENT LINE
- ⊕ EXISTING FIRE HYDRANT
- ⊙ EXISTING IRRIGATION SPRINKLER HEAD
- ⊗ EXISTING WATER VALVE
- ⊠ EXISTING WATER METER
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- ▣ EXISTING DITCH INLET
- - - - - EXISTING FENCE
- ⚡ EXISTING POWER POLE
- — — — — EXISTING GUY WIRE
- ⊥ EXISTING SIGN
- - - SA - - - EXISTING SANITARY SEWER PIPE
- - - ST - - - EXISTING STORM SEWER PIPE
- - - W - - - EXISTING WATER PIPE
- ⊙ EXISTING DECIDUOUS TREE
- ⊗ EXISTING EVERGREEN TREE

## BENCH MARK

TEMPORARY BENCH MARK, OTAK SURVEY POINT #1 OF PROJECT NUMBER L7053. 5/8" IRON ROD IN VOLPP STREET, 620 FEET NORTHEAST OF VOLPP STREET / 12TH STREET INTERSECTION.

NO.	DATE	BY	APPD.	REVISIONS

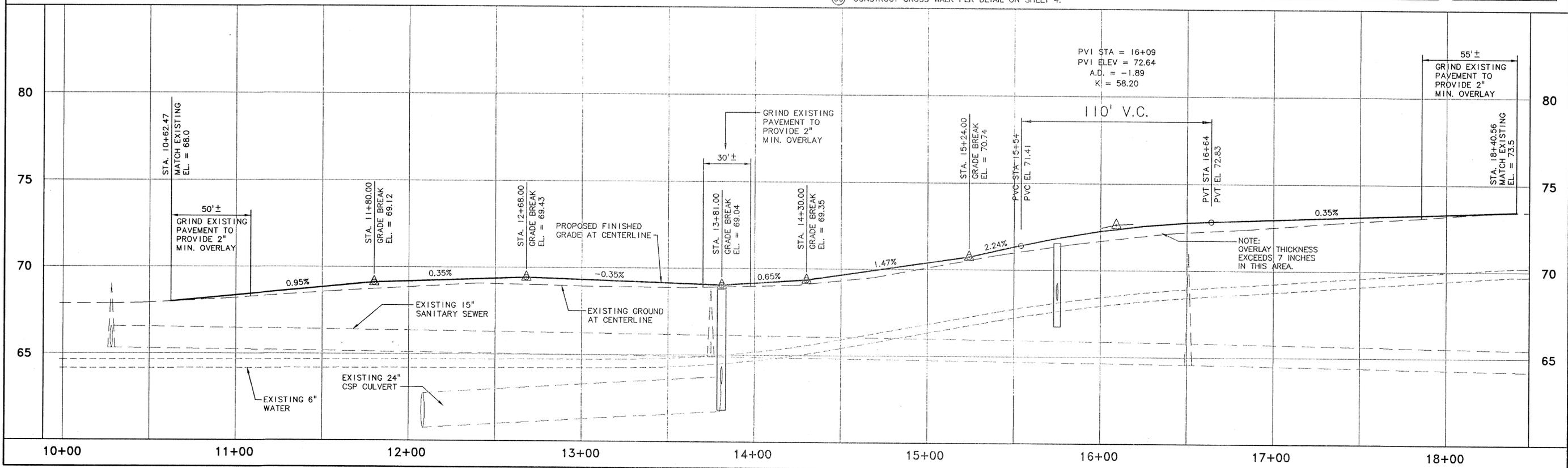
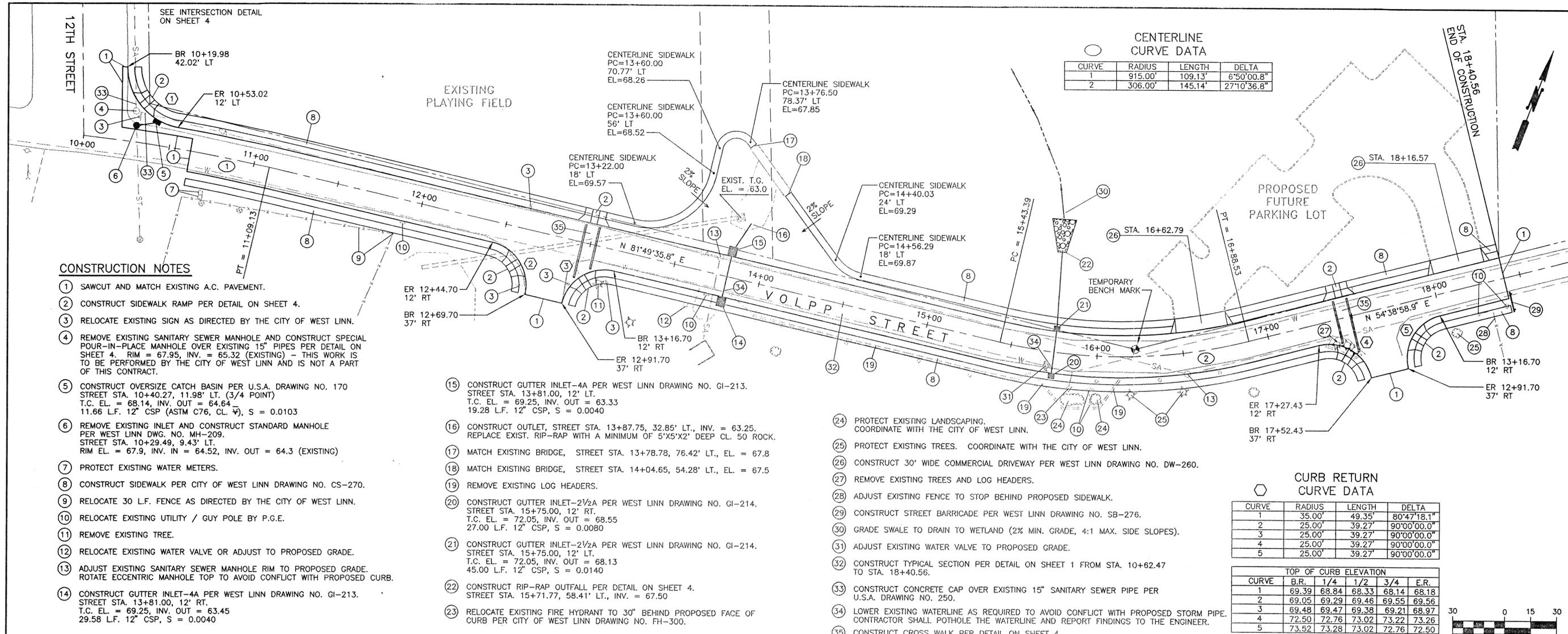


VOLPP STREET IMPROVEMENTS  
WEST LINN, OREGON  
TITLE SHEET

CITY OF WEST LINN  
4100 NORFOLK STREET  
WEST LINN, OREGON 97068  
(503) 557-4700

**otak**  
INCORPORATED  
17355 S.W. BOONES FERRY ROAD  
LAKE OSWEGO, OREGON 97035  
(503) 635-3618  
FAX (503) 635-5395

SCALE:	AS SHOWN
DRAWING NO.	7053S01
PROJECT NO.	L7053
SHEET NO.	1



R.S.D. 5/14/96  
 DESIGNED DATE  
 R.S.D. 5/14/96  
 DRAWN DATE  
 D.C. 5/21/96  
 CHECKED DATE

NO.	DATE	BY	APPD.	REVISIONS

REGISTERED PROFESSIONAL ENGINEER  
 Don Cushing  
 OREGON REG. 7 1989  
 DON CUSHING INC.  
 EXP. DATE: 12/31/97

**VOLPP STREET IMPROVEMENTS**  
 WEST LINN, OREGON

PLAN & PROFILE

CITY OF WEST LINN  
 1100 NORTH VOLPP STREET  
 WEST LINN, OREGON 97068  
 (503) 557-4700

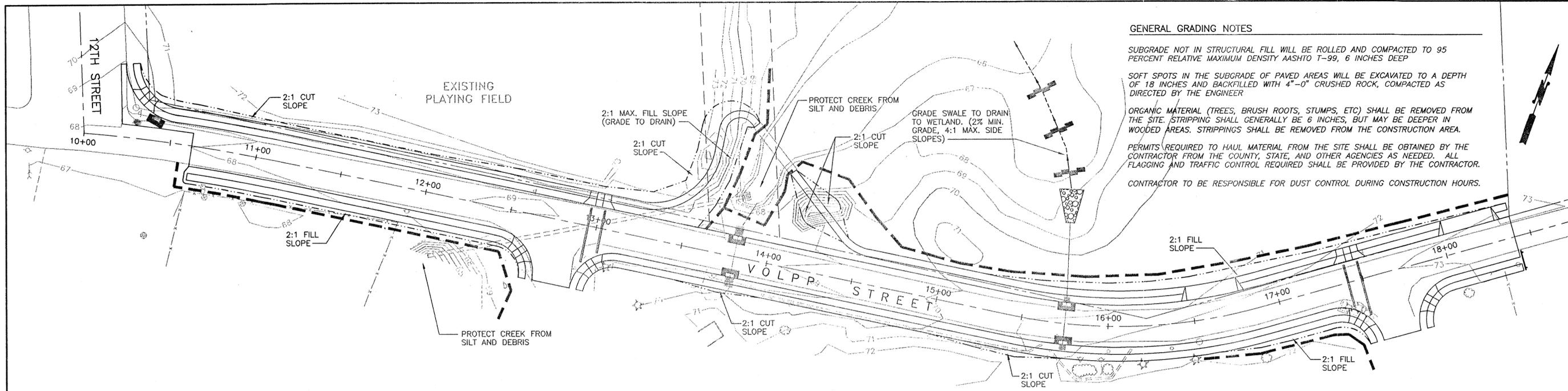
**otak**  
 Incorporated  
 17355 S.W. BOONES FERRY ROAD  
 LAKE OSWEGO, OREGON 97035  
 (503) 635-3618  
 FAX (503) 635-5395

SCALE: 1" = 30'

DRAWING NO. 7053S02

PROJECT NO. L7053

SHEET NO. 2



**GENERAL GRADING NOTES**

SUBGRADE NOT IN STRUCTURAL FILL WILL BE ROLLED AND COMPACTED TO 95 PERCENT RELATIVE MAXIMUM DENSITY AASHTO T-99, 6 INCHES DEEP

SOFT SPOTS IN THE SUBGRADE OF PAVED AREAS WILL BE EXCAVATED TO A DEPTH OF 18 INCHES AND BACKFILLED WITH 4"-0" CRUSHED ROCK, COMPACTED AS DIRECTED BY THE ENGINEER

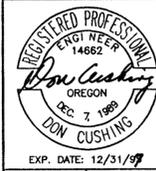
ORGANIC MATERIAL (TREES, BRUSH ROOTS, STUMPS, ETC) SHALL BE REMOVED FROM THE SITE. STRIPPING SHALL GENERALLY BE 6 INCHES, BUT MAY BE DEEPER IN WOODED AREAS. STRIPPINGS SHALL BE REMOVED FROM THE CONSTRUCTION AREA.

PERMITS REQUIRED TO HAUL MATERIAL FROM THE SITE SHALL BE OBTAINED BY THE CONTRACTOR FROM THE COUNTY, STATE, AND OTHER AGENCIES AS NEEDED. ALL FLAGGING AND TRAFFIC CONTROL REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR.

CONTRACTOR TO BE RESPONSIBLE FOR DUST CONTROL DURING CONSTRUCTION HOURS.

R.S.D. DESIGNED	5/14/96
R.S.D. DATE	5/14/96
DRAWN	DATE
D.C.	5/21/96
CHECKED	DATE

NO.	DATE	BY	APPD.	REVISIONS



**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, RETENTION FACILITIES,

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 SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION AS DIRECTED BY THE ENGINEER. 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 48 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.

SEDIMENT FENCES AND STRAW BALES WILL BE REPLACED AS NECESSARY. HYDROSEEDING SHALL BE INITIATED AS SOON AS POSSIBLE AFTER GRADING OCCURS ON THE SITE.

ONCE THE HYDROSEEDING HAS BEEN APPLIED TO THE BARE TOP SOIL A MULCH LAYER SHALL BE UNIFORMLY APPLIED AT A DEPTH OF 2-3 INCHES.

HIGH QUALITY MIXED YARD DEBRIS COMPOST MATERIAL SHALL BE USED FOR A MULCH LAYER. FOR SLOPES LESS THAN 20% A FINE TO MEDIUM RANGE COMPOST SHALL BE USED. FOR GREATER THAN 20% A MORE COARSE COMPOST MULCH SHALL BE USED.

STRAW MULCH ALTERNATIVE CAN BE USED IF ANCHORED FIRMLY INTO THE GROUND BY HAND OR ROLLERS, CLEAT TACKS, ETC. AND IF STRAW IS WEED FREE, SIMPLY SPREADING THE MATERIAL OUT OVER THE SITE IS NOT ACCEPTABLE.

WATER MUST BE PROVIDED DURING DRY MONTHS SO SEEDING ARE GIVEN ADEQUATE MOISTURE TO ESTABLISH GRASS. AREAS WHICH FAIL TO ESTABLISH COVER MUST BE RE-SEED AS SOON AS SUCH AREAS ARE IDENTIFIED.

GRASS COVER SHOULD BE ESTABLISHED BEFORE EROSION CONTROL MEASURES ARE REMOVED FROM THE SITE.

**EROSION CONTROL MEASURES FOR DISTURBED AREAS**

ALL DISTURBED SLOPES THAT HAVE BEEN GRADED AND COMPACTED SHALL BE HYDROSEED NO LATER THAN OCTOBER 1ST USING THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE AUTHORIZED BY THE CITY. AFTER OCTOBER 1ST THE CITY MAY REQUIRE OTHER MEANS OF RE-VEGETATION OF DISTURBED AREAS.

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

SEED MAY BE SOWN BY THE FOLLOWING METHOD:

HYDROSEEDING 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 SEED AT THE RATE OF NOT LESS THAN ONE HUNDRED (100) POUNDS PER ACRE. SEED MIX SHALL INCLUDE:

DWARF GRASS MIX (LOW HEIGHT, LOW MAINTENANCE)  
 DWARF PERENNIAL RYEGRASS, 80% BY WEIGHT  
 CREEPING RED FESCUE, 20% BY WEIGHT  
 APPLICATION RATE 100 POUNDS MIN. PER ACRE

STANDARD HEIGHT GRASS MIX  
 ANNUAL RYEGRASS, 40% BY WEIGHT  
 TURF-TYPE FESCUE, 60% BY WEIGHT  
 APPLICATION RATE 100 POUNDS MIN. 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 BUT NO LATER THAN OCTOBER 1 UNLESS OTHERWISE AUTHORIZED BY THE CITY. 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 1ST. CONTACT DARYL WORTHINGTON (665-5175)

THE CONTRACTOR SHALL PROTECT ALL SEEDING 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.

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 TOE 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 CHANNLED TO THE FACILITIES BEING PROVIDED.

IF CONSTRUCTION TAKES PLACE DURING RAINY SEASON, BIO-FILTER BAGS WILL BE REQUIRED AT ALL STORM DRAINAGE INLETS UNTIL ROCKING OF STRETCH IS COMPLETED AND DISTURBED SLOPES STABILIZED BY HYDROSEEDING. \* RAINY SEASON IS OCTOBER 1ST. THRU FEBRUARY 28TH.

**STANDARD NOTES FOR SEDIMENT FENCE**

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.

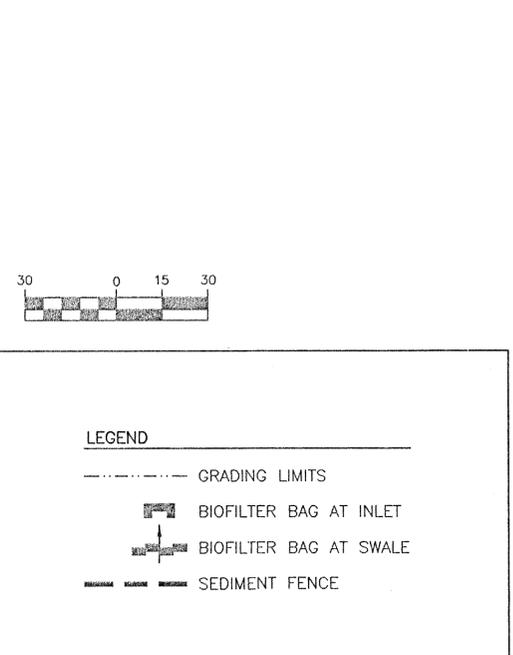
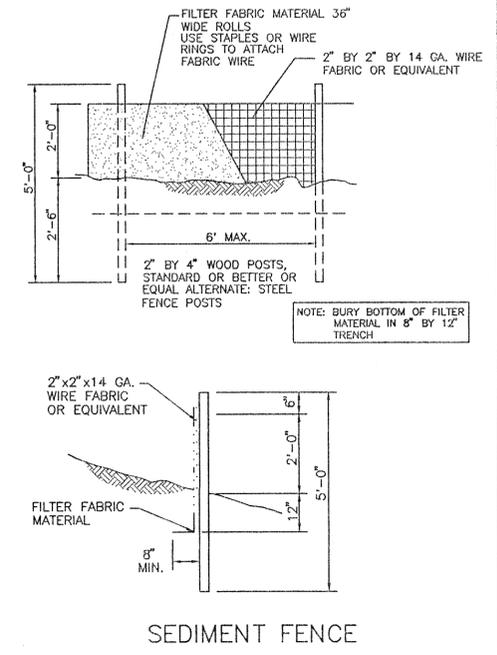
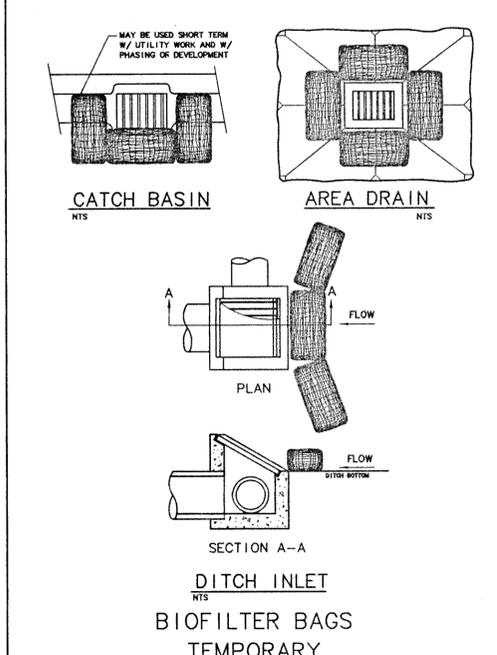
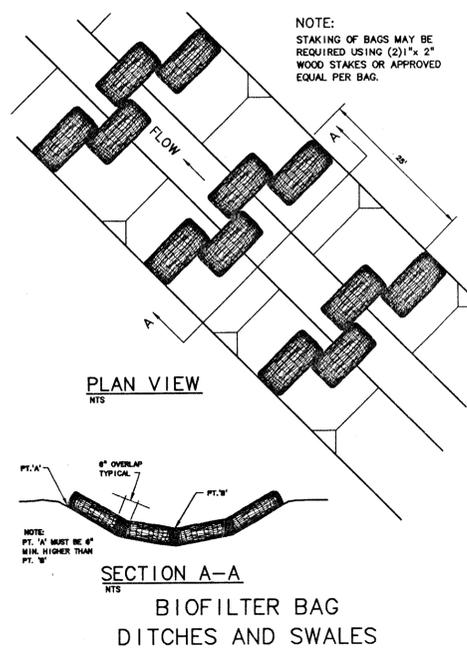
WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRE OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES 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 STAPLED 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. AT NO TIME SHALL MORE THAN A ONE FOOT DEPTH SEDIMENT BE ALLOWED TO ACCUMULATE BEHIND A SEDIMENT FENCE. SEDIMENT SHOULD BE REMOVED OR REGRADED INTO SLOPES AND THE SEDIMENT FENCES REPAIRED AND RE-ESTABLISHED AS NEEDED. SEDIMENT FENCE SPACING SHALL BE 150 FT., MAXIMUM.



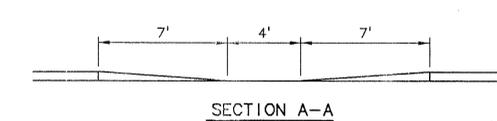
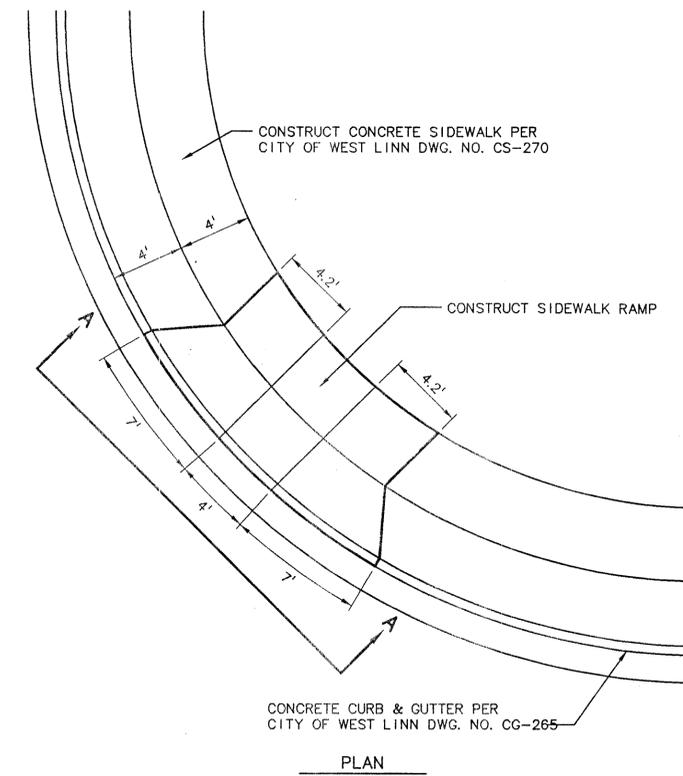
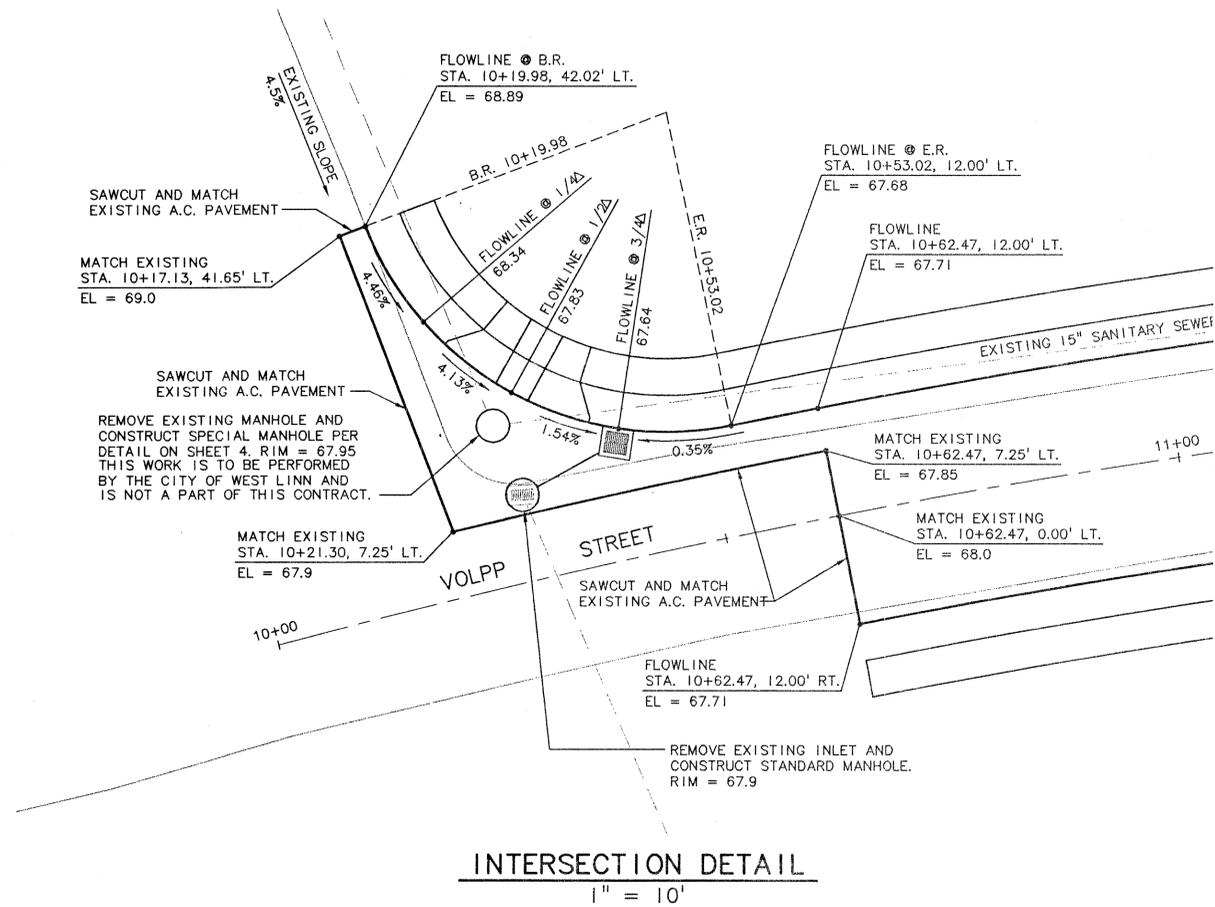
**VOLPP STREET IMPROVEMENTS**  
 WEST LINN, OREGON  
**GRADING & EROSION CONTROL**  
**PLAN AND NOTES**

CITY OF WEST LINN  
 4100 NORFOLK STREET  
 WEST LINN, OREGON 97068  
 (503) 557-4700

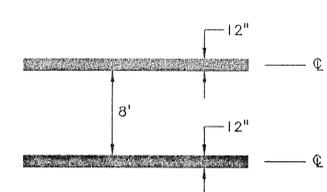
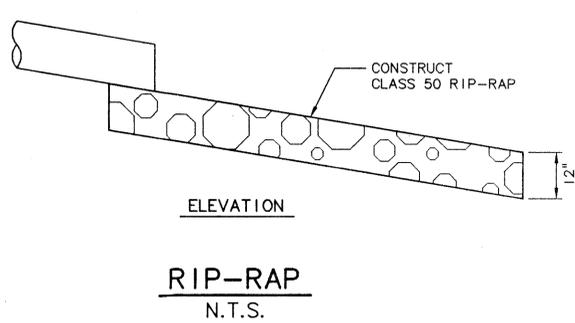
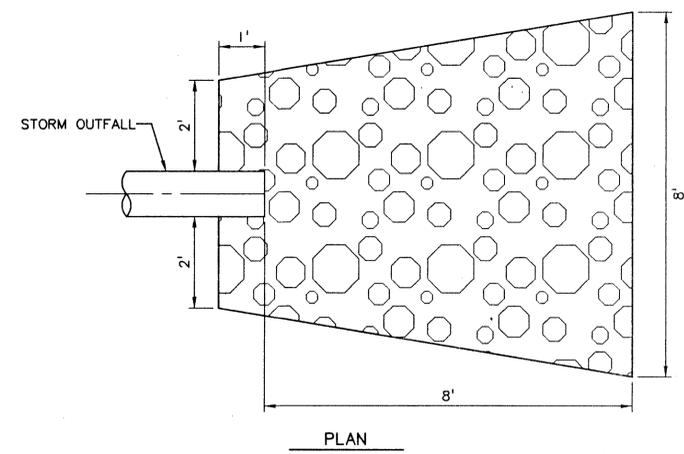
*West Linn*

**otak**  
 Incorporated  
 17355 S.W. BOONES FERRY ROAD  
 LAKE OSWEGO, OREGON 97035  
 (503) 635-3618  
 FAX (503) 635-5395

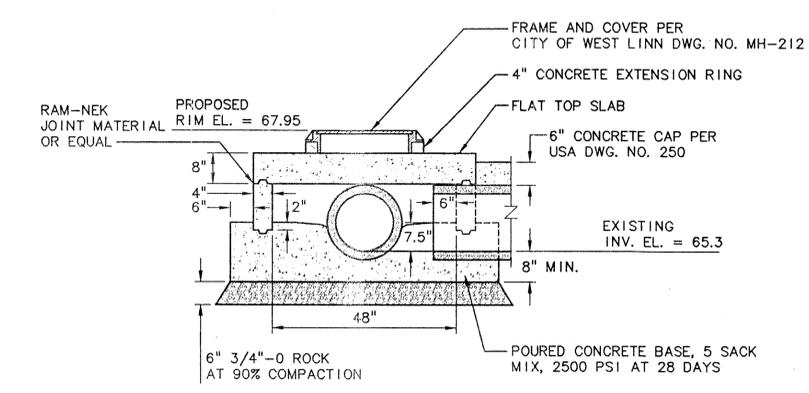
SCALE:	1" = 30'
DRAWING NO.	7053S03
PROJECT NO.	L7053
SHEET NO.	3



**SIDEWALK RAMP**  
N.T.S.

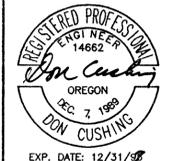


**CROSSWALK:**  
SPACE TWO 12" WHITE LINES AS SHOWN ON PLANS. CROSSWALK SHALL BE THERMOPLASTIC PAVEMENT MARKING MATERIAL.



R.S.D.	5/14/96
DESIGNED	DATE
R.S.D.	5/14/96
DRAWN	DATE
D.C.	5/21/96
CHECKED	DATE

NO.	DATE	BY	APPD.	REVISIONS



**VOLPP STREET IMPROVEMENTS**  
WEST LINN, OREGON

**DETAILS**

CITY OF WEST LINN  
4100 NORFOLK STREET  
WEST LINN, OREGON 97068  
(503) 357-4700

**otak**  
Incorporated  
17355 S.W. BOONES FERRY ROAD  
LAKE OSWEGO, OREGON 97035  
(503) 635-3618  
FAX (503) 635-5395

SCALE:	AS SHOWN
DRAWING NO.	7053S04
PROJECT NO.	L7053
SHEET NO.	4