

REVISIONS	BY
REVISED PER CITY ORDINANCES 06/13/01	GAM
REVISED PER CITY COMMENTS 07/10/01	PS
REVISED PER CITY COMMENTS 07/17/02	LD

**11TH STREET PARTITION**  
 CITY FILE # MIP-00-06  
 METRO SERV INC.

**Proposed Utility and Street Plan and Profile**

**SISUL ENGINEERING**  
 376 PORTLAND AVENUE  
 GLADSTONE, OREGON 97027  
 (503) 657-0188  
 DRAWING: SGL-01-041-SUB.dwg

DATE	MAY 2001
SCALE	NOTED
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JOB	SGL-01-041
SHEET	<b>1</b>
OF	2 SHEETS

- General Notes:**
- The Design Engineer will be responsible for inspection of the proposed improvements with oversight from the City's Public Works and Engineering staff.
  - A work schedule will be required from the contractor so that the Engineer can have an inspector onsite at the appropriate times. If the work schedule is revised the contractor is to notify the Engineer of the changes. Additionally, the contractor is to give the Engineer at least 24 hours notice of any testing requiring the presence of the Engineer and/or City staff.
  - The contractor is to receive the approval of the Engineer and the City of any proposed changes to the plans or standard requirements.
  - A Building Department Plumbing Permit is required for utilities beyond the first cleanout or meter on private property.
  - A Public Improvement Guarantee Agreement or a Public Works Permit, a pre-construction meeting with the City of West Linn, and installation of erosion control measures are required prior to beginning construction.
  - Prior to site clearing, construction "snow" fencing shall be placed around trees to be preserved 10 feet beyond the dripline of the trees and shall remain in place throughout the infrastructure improvements.
  - A City representative must be present at all testing and the City shall be furnished a copy of all test results.
  - All fees for street trees shall be paid to the City of West Linn Parks and Recreation Department.
  - No building permits will be given until the improvements have been accepted by the City as substantially complete.

- Sanitary Sewer:**
- PVC service laterals shall be 4" pipe conforming to ASTM D-3034-SDR 35. Service laterals shall be installed to a point beyond the line of the sewer or utility easement as shown on the plan. The service lateral shall be plugged with a 4" rubber ring plug, and the location of the lateral's end marked with a 2" x 4" stake painted green.
  - Cleanout pipe, fittings, and joints shall be the same specifications as for pipe. Castings are as shown on detail and shall conform to ASTM A48 (Grade 30). Cleanout riser shall match downstream pipe diameter. Frame shall set on 18" x 24" concrete pad.
  - Pipe bedding and backfill material shall be 3/4"-0" granular material compacted to 95% maximum dry density per AASHTO T-180 test method and native material shall be compacted to 95% of in-place dry density of surrounding soil. Excavation, bedding and backfill shall be in accordance with Division 204 of the City of West Linn Standard Construction Specifications. Backfill under new streets shall be Class "B" and backfill in existing streets shall be Class "E".
  - A plumbing permit from the City of West Linn Building Department is required for sanitary sewer laterals beyond the first cleanout.
  - All materials, installation, tests, and inspections to be made in strict accordance with City of West Linn Public Works Standard Construction Specifications and the Uniform Plumbing Code.

- Streets:**
- New street sections are to be cleared of all surface vegetation and other miscellaneous structures or materials. Grub improvement areas to remove all buried vegetative matter and debris to a depth of 8" below subgrade. Properly dispose of all waste material.
  - Street subgrade shall conform to Division 501 of the City of West Linn Standard Construction Specifications. Areas to receive fill are to be inspected by City of West Linn personnel prior to placement of the fill. The Contractor shall have fill areas tested for compaction by a certified testing lab in accordance with W.L.S.C.S. Division 501.03.08. Such testing will be at the contractor's expense.
  - Aggregate base rock shall conform to the requirements of W.L.S.C.S. Division 205. Base course shall be 1 1/2"-0" crushed rock and leveling course shall be 3/4"-0". City of West Linn requires a proof roll with a loaded 10 yard dump truck of the subgrade prior placement of the rock and again after placement of the base rock and prior to paving. All underground utilities including laterals, services and power or gas conduits will be in place before subgrade proof roll will take place.
  - Asphalt concrete shall conform to the requirements of W.L.S.C.S. Division 205. 1 1/2" base lift shall be Class "B" A.C. and 1 1/2" final lift shall be Class "C" A.C. meeting the specifications of W.L.S.C.S. Division 505. The top lift of asphalt concrete shall not be placed prior to receiving permission from the City of West Linn Engineering Department. The minimum width of new asphalt sections shall be 2 feet.
  - Construct curb and gutter using 3300 psi concrete meeting the specifications of W.L.S.C.S. Division 205 (after 28 days) with maximum 1 1/2" aggregate size. Contraction joints at 15' maximum on centers. Three inch weepholes are to be installed on all lots uphill or even with the street. Generally weepholes shall be located at the center and lowest edge of curb for each lot. Handicap ramps shall be located at each curb return at intersections unless otherwise noted on the plans. Contractor shall stamp location of sewer and water crossings with an (S) or a (W).
  - All materials, installation, tests, and inspections to be in strict accordance with Public Works Standard Construction Standards.
  - A street construction encroachment permit or similar permit may be required from the City of West Linn. Construction permit fees or other similar fees or bonding required of the contractor will be the contractor's responsibility to obtain.
  - Temporary traffic control will be required. A traffic control plan shall be submitted to and approved by the City Inspector prior to commencing work.

- Utilities:**
- If not noted on the plans utility information and crossing locations will have to be obtained from the utilities.
  - Utility contacts are as follows: PGE - Cindy Manselle, 650-1411 or Joyce Shuler, 650-1483; AT & T Cable - Tanya Trujillo, 605-4914, U.S. West Communications - Lori Dorney 242-4596, Northwest Natural Gas - Scott Palmer 721-2447.

- Water Supply**
- Pipe bedding and backfill material shall be 3/4"-0" granular backfill compacted to 95% maximum dry density per AASHTO T 180 test method and native material shall be compacted to 95% of in-place dry density of surrounding soil. Excavation, bedding and backfill shall be in accordance with Division 204 of the City of West Linn Standard Construction Specifications. Backfill under new streets shall be Class "B" and backfill in existing streets shall be Class "E".
  - Service laterals shall be Type K copper. Lateral sizes shall be 1". For double services two 1" water services shall be laid side by side. Corporation stops shall be Mueller H 1500B or Ford F1000 4Q. Angle meter stop shall be Mueller H 1425B or Ford 1"-KV43-444W-Q. Meter boxes shall be equal to Brooks #37 with a 37-S lid and cover. Meter boxes are to be installed 3/4" above finish grade and 2 1/2" from the curb in planter strips or flush with sidewalk surface in a sidewalk.
  - A plumbing permit from the City of West Linn Building Department is required for service lateral installations beyond the water meter.
  - All materials, installation, tests, and chlorination to be in strict accordance with the City of West Linn Public Works Standard Construction Specifications, and the Oregon State Health Division Administrative Rules, Chapter 333.

