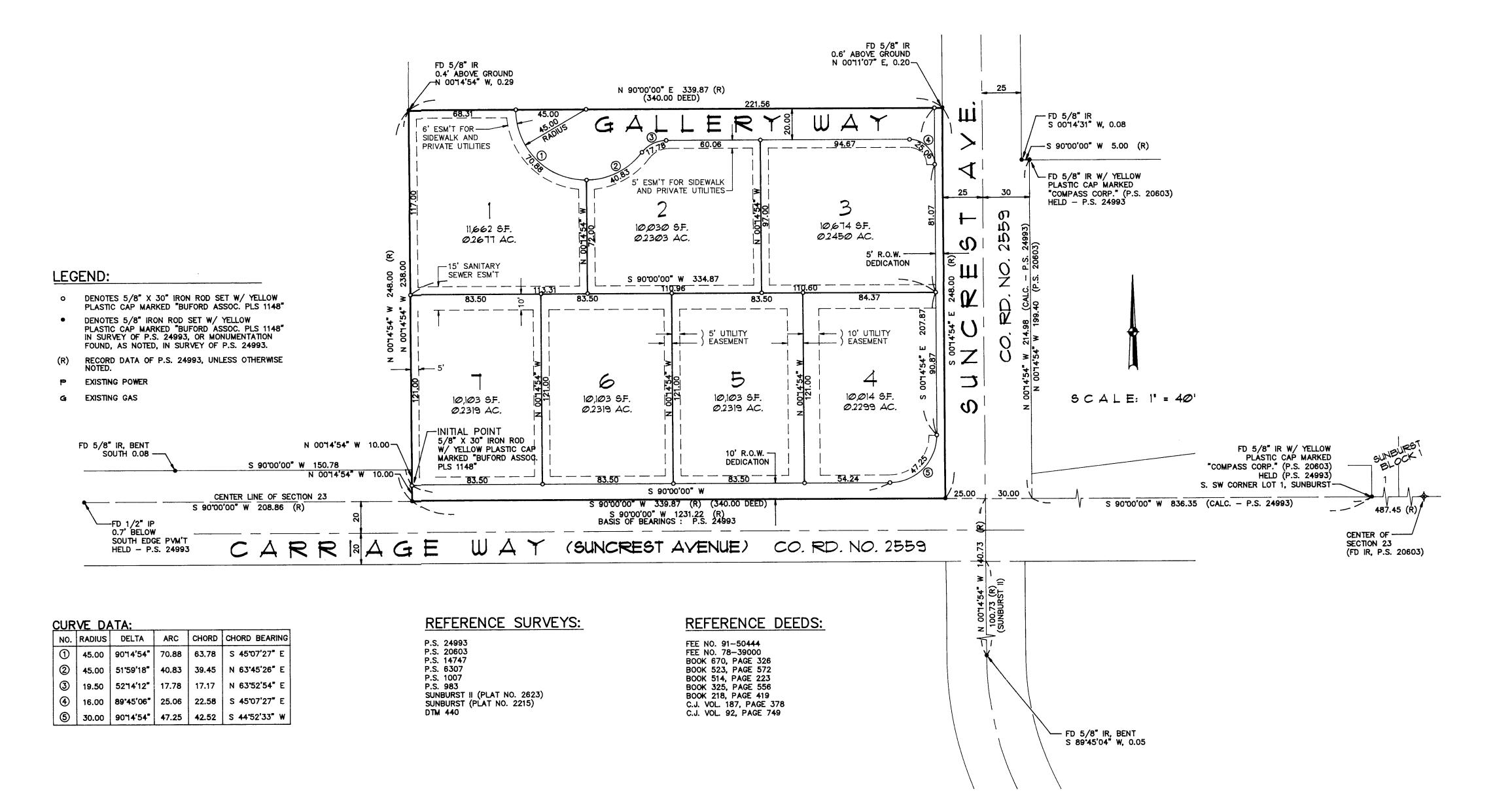
# CONSTRUCTION PLANS STREET AND UTILITY IMPROVEMENTS GALLERY PLACE

SITUATED WITHIN THE WILLIAM ARMSTRONG D.L.C. IN THE S.W. 1/4 OF THE N.W. 1/4 OF SEC. 23, T.25., R.IE., W.M., CITY OF WEST LINN, CLACKAMAS COUNTY, OREGON

#### NOTES:

- THE OWNERS ARE:

  ARTHUR C. PICULELL, JR. AND DEE W. PICULELL.
  02008 S.W. MILLTARY OZALO
- 2. THE PURPOSE OF THIS SURVEY IS TO SUBDIVIDE AND MONUMENT THAT TRACT OF LAND DESCRIBED IN DEED TO ARTHUR C. PICULELL, JR. AND DEE W. PICULELL, RECORDER'S FEE NO. 93—40131, CLACKAMAS COUNTY RECORDS. SUBDIVISION IS IN ACCORDANCE WITH APPROVAL, CITY OF WEST LINN, PLANNING DIRECTOR'S LAND USE DECISION, FILE NO. SUB—92—07.
- 3. THE BOUNDARY OF THE LAND TO BE PLATTED WAS ESTABLISHED IN SURVEY BY BUFORD ASSOCIATES, INC., RECORDED AS P.S. 24993, 1-6-93. EXTERIOR BOUNDARY SURVEY WORK CONFORMS TO FEDERAL GEODETIC CONTROL COMMITTEE GUIDELINES
- 4. A 5-FOOT PERMANENT UTILITY EASEMENT SHALL BE RESERVED ON ALL SIDE AND REAR LOT LINES, UNLESS SHOWN OTHERWISE.
- 5. A 5-FOOT PERMANENT EASEMENT FOR SIDEWALK AND PRIVATE UTILITIES SHALL BE RESERVED ON ALL LOT LINES ADJACENT STREET RIGHT-OF-WAY OF CARRIAGE WAY AND GALLERY WAY, EXCEPT IN CUL-DE-SAC BULB OF GALLERY WAY WHERE THE
- 6. THE BASIS OF BEARINGS IS RECORD OF SURVEY P.S. 24993, EAST—WEST CENTER OF SECTION LINE, SECTION 23.
- 7. THERE IS NO GEODETIC CONTROL MONUMENT WITHIN ONE HALF MILE OF THE BOUNDARY OF THIS PLAT ON RECORD AT THE OFFICE OF CLACKAMAS COUNTY SURVEYOR.
- 8. MONUMENTATION WAS SET ON APRIL 5, 1993.



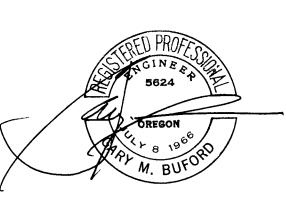
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#### GENERAL CONSTRUCTION NOTES :

- I. CONSTRUCTION OF STREET, STORM DRAINAGE, SANITARY SEWER AND WATERLINE IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY OF WEST LINN CONSTRUCTION STANDARDS AND DRAWINGS, AND STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, OREGON STATE HIGHWAY DIVISION
- 2. ELEVATION DATUM: TBM ON HYDRANT, NORTHEAST TOP BOLT, ON SOUTHWEST CORNER OF INTERSECTION, CARRIAGE WAY AND SUNCREST AVENUE, ELEVATION 671.72.
- 3. LOCATIONS OF EXISTING UTILITIES ARE BASED ON AVAILABLE RECORDS AND FIELD LOCATE BY OTHERS. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITIES AS APPROPRIATE AND SHALL NOTIFY THE ENGINEER OF CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THE PLANS PRIOR TO START OF CONSTRUCTION. DELAYS RESULTING FROM CONFLICTS WITH EXISTING UTILITIES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT SHALL BE MADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES AND UNDERGROUND STRUCTURES, AND SHALL MAKE ALL REPAIRS AT HIS EXPENSE.
- 4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR THE WORK, AND SHALL BE RESPONSIBLE FOR CONDITIONS OF PERMITS.
- 5. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO CONSTRUCTING ACROSS OR WITHIN FIVE (5) FEET OF THEIR UNDERGROUND OR ABOVE GROUND FACILITIES OR STRUCTURES.
- 6. CONTRACTOR SHALL NOTIFY ENGINEER THREE (3) DAYS IN ADVANCE TO PROVIDE CONSTRUCTION STAKES FOR LINE AND GRADE.
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ALL DAMAGED OR DESTROYED SURVEY MONUMENTATION OR CONSTRUCTION STAKES.



		DES	IGNED	G.M.B.
		DRA	WN	C.A.E.
2	AS-BUILT	4/19/94 DAT	E	5-7-93
1	15 - FOOT SANITARY SEWER EASEMENT LOT 7	7/15/93 SCA	LE	AS SHOWN
NΩ	REVISION	DATE FILE		L1498S01

BUFORD ASSOCIATES, INC.

415 NORTH STATE STREET
LAKE OSWEGO, OREGON 97034

LAND SURVEYORS

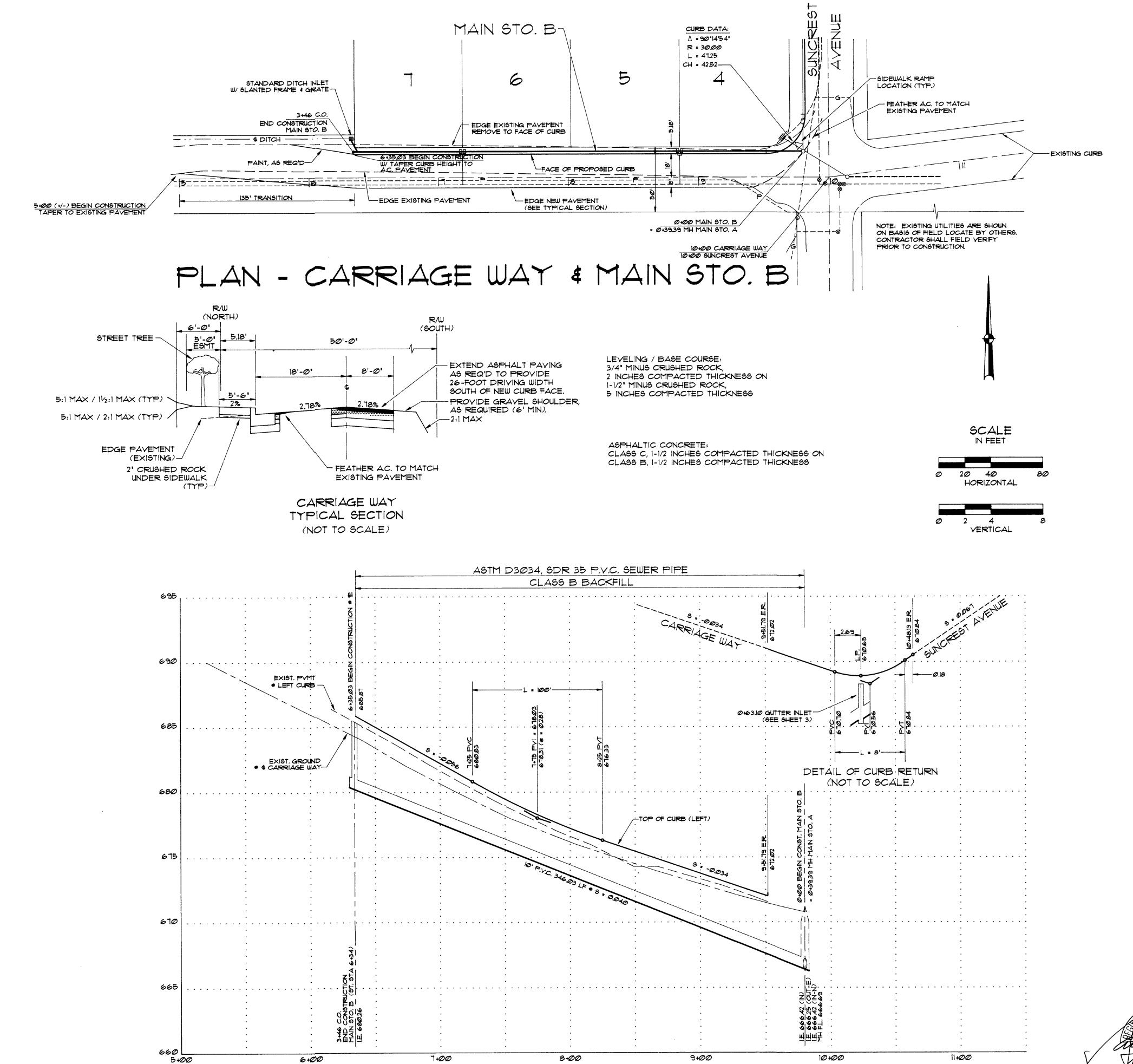
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COVER SHEET

GALLERY PLACE WEST LINN, OREGON

SHEET 1



PROFILE - CARRIAGE WAY & MAIN STO. B

#### STREET IMPROVEMENTS CONSTRUCTION NOTES :

- I. STREET IMPROVEMENTS CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS.
- 2. STRUCTURAL SECTIONS OF STREET IMPROVEMENTS SHALL BE AS FOLLOWS

CARRIAGE WAY

BASE COURSE: 1-1/2" MINUS CRUSHED ROCK, 5 INCHES COMPACTED THICKNESS. LEVELING COURSE: 3/4" MINUS CRUSHED ROCK, 2 INCHES COMPACTED THICKNESS. ASPHALT CONCRETE: CLASS C, 1-1/2 INCHES COMPACTED THICKNESS ON

CLASS B, 1-1/2 INCHES COMPACTED THICKNESS. CROSS SLOPE: S=0.02781/1 FROM CENTERLINE TO GUTTER UNLESS SHOWN OTHERWISE ON PLANS

BASE COURSE: 1-1/2" MINUS CRUSHED ROCK, 5 INCHES COMPACTED THICKNESS. LEVELING COURSE: 3/4" MINUS CRUSHED ROCK, 2 INCHES COMPACTED THICKNESS. ASPHALT CONCRETE: CLASS C, 1-1/2 INCHES COMPACTED THICKNESS ON

CLASS B, 1-1/2 INCHES COMPACTED THICKNESS. CROSS SLOPE : S=0.0278'/' FROM CENTERLINE TO GUTTER UNLESS SHOWN OTHERWISE ON PLANS.

GALLERY WAY

BASE COURSE: 1-1/2" MINUS CRUSHED ROCK, 5 INCHES COMPACTED THICKNESS. LEVELING COURSE: 3/4" MINUS CRUSHED ROCK, 2 INCHES COMPACTED THICKNESS. ASPHALT CONCRETE: CLASS C, 1-1/2 INCHES COMPACTED THICKNESS ON CLASS B, 1-1/2 INCHES COMPACTED THICKNESS.

- CROSS SLOPE : S=0.031'/' FROM CENTERLINE TO GUTTER UNLESS SHOWN OTHERWISE ON PLANS.
- 3. BASE COURSE AND LEVELING COURSE ROCK SHALL CONFORM TO APPLICABLE PORTIONS OF SECTIONS 304 AND 703 OF STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, OREGON STATE HIGHWAY CONSTRUCTION, OREGON STATE HIGHWAY DIVISION (OSHD SPECIFICATIONS).
- 4. ASPHALT CONCRETE MIXES SHALL CONFORM TO SECTION 403 OF OSHD SPECIFICATIONS.
- 5. ASPHALT EMULSION FOR THE TACK COAT SHALL CONFORM TO SECTION 407 OF OSHD SPECIFICATIONS.
- 6. WORKMANSHIP IN PRODUCING, PLACING AND FINISHING ASPHALT CONCRETE PAVEMENT SHALL CONFORM TO APPLICABLE PORTIONS OF SECTION 403 OF OSHD SPECIFICATIONS.
- WHEN JOINING NEW ASPHALTIC CONCRETE PAVEMENT WITH AN EXISTING EDGE OF PAVEMENT, THE EXISTING PAYEMENT SHALL BE CUT BACK TO PRODUCE A SLIGHTLY BEVELED VERTICAL EDGE FOR ITS FULL THICKNESS, AND THE OLD CUT AWAY MATERIAL SHALL BE REMOVED FROM THE WORK. THE NEWLY SAWCU EDGE SHALL BE TACK COATED JUST BEFORE PLACING NEW PAYEMENT. THE NEW ASPHALTIC CONCRETE PAYEMENT SHALL BE PLACED OR RAKED AGAINST THE FRESH CUT, THOROUGHLY TAMPED, AND ROLLED TO PROVIDE A SMOOTH JOINT EXACTLY MEETING THE LINE AND GRADE OF ADJOINING ASPHALTIC CONCRETE PAYEMENT. ALL JOINTS BETWEEN NEW AND EXISTING ASPHALTIC CONCRETE PAYEMENT SHAL BE SANDED AFTER PAVING OPERATIONS ARE COMPLETED
- THE HEIGHT OF ALL VALVE BOXES, MANHOLES AND SIMILAR APPURTENANCES WITHIN THE AREA TO BE PAVED SHALL BE ADJUSTED TO CONFORM TO THE NEW GRADES AND CROSS-SECTIONS. THE CONTRACTOR SHALL REMOVE THE EARTH AROUND THE BOX OR MANHOLE WITHOUT DISTURBING A GREATER AREA THAN NECESSARY AND RAISE OR LOWER THE BOX OR MANHOLE RING, AS THE CASE MAY REQUIRE, UNTIL THE TOP SURFACE IS AT THE CORRECT ELEVATION. THE HOLE SHALL BE BACKFILLED WITH GRANULAR MATERIAL IN SIX (6) INCH LAYERS AND EACH LAYER SHALL BE THOROUGHLY COMPACTED WITH A PNEUMATIC TAMPER BEFORE THE NEXT IS PLACED UNTIL THE BACKFILL IS UP TO SUBGRADE ELEVATION
- 8. CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS, DRAWING NO. CG - 265. FINISHED SURFACE OF THE CONCRETE SHALL NOT VARY MORE THAN 0.02 FEET (1/4 INCH) FROM THE ESTABLISHED LINE AND GRADE. WORKMANSHIP FOR MIXING, TRANSPORTING, PLACING, FINISHING, AND CURING CONCRETE SHALL CONFORM TO APPLICABLE PORTIONS OF SECTION 504 OF OSHD SPECIFICATIONS.
- 9. CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS, DRAWING NO. CS - 270. WORKMANSHIP FOR MIXING, TRANSPORTING, PLACING, FINISHING AND CURING CONCRETE SIDEWALK SHALL CONFORM TO APPLICABLE PORTIONS OF SECTIONS 504 AND 608 OF OSHD SPECIFICATIONS. FOR CURB CUT AT SIDEWALK RAMPS, SEE STD. DWG. NO. CS - 271.

#### EARTHWORK CONSTRUCTION NOTES

EARTHWORK CONSTRUCTION AS SHOWN ON THESE PLANS SHALL CONFORM TO APPLICABLE PORTIONS OF SECTION 203 OF OSHD SPECIFICATIONS.

- 2. EXCAVATION IS UNCLASSIFIED. THE CONTRACTOR SHALL REMOVE ALL MATERIAL REGARDLESS OF THE NATURE, TYPE OR CONDITION ENCOUNTERED.
- 3. MOST OF THE ON-SITE SOILS MAY BE USED TO CONSTRUCT STRUCTURAL FILLS FOR STREET AREAS AND WITHIN LOTS. NO BRUSH, ROOTS, ORGANICS, DEBRIS, ROCK, CONCRETE OR ASPHALT FRAGMENTS GREATER THAN 12 INCHES IN SIZE, OR SIMILAR UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILLS EMBANKMENT CONSTRUCTION SHALL CONFORM TO SUBSECTION 203.39. COMPACT TO NOT LESS THAN 959 OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698. THE OWNER WILL PROVIDE CONSTRUCTION OBSERVATION AND FIELD TESTING DURING EARTHWORK CONSTRUCTION TO DETERMINE IN-PLACE DENSIT
- 4. THE CONTRACTOR SHALL CLEAR THE SITE WITHIN ROAD RIGHT-OF-WAY AND EMBANKMENT AREAS, AND EASEMENTS IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 201 OF OSHD SPECIFICATIONS. BRUSH, TREES, PAYEMENT AND OTHER WASTE MATERIALS SHALL BE REMOVED FROM THE SITE. STRIPPING SHALL BE ACCOMPLISHED WITHIN ROADWAY AND EMBANKMENT AREAS TO A DEPTH OF APPROXIMATEL SIX (6) INCHES OR AS DIRECTED BY THE ENGINEER STRIPPING MATERIALS MAY BE DISPOSED OF WITH THE SITE, AT AREAS DESIGNATED BY THE ENGINEER.

#### STORM DRAINAGE IMPROVEMENTS CONSTRUCTION NOTES

- STORM DRAINAGE IMPROVEMENTS CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS.
- 2. PROVIDE THREE (3) INCH PLASTIC PIPE SET IN CURB DURING CONSTRUCTION FOR ROOF AND FOUNDATION DRAINAGE, TWO (2) PER LOT, MIN., FIELD LOCATED. (SEE STD DWG NO. G-265)
- 3. STORM SEWER PIPE THROUGH 15-INCH DIAMETER SHALL BE P.Y.C. (POLYVINYLCHLORIDE) CONFORMING TO ASTM SPECIFICATION D3034, SDR 35. JOINTS SHALL BE RUBBER RING TYPE CONFORMING TO ASTM
- PIPE 18-INCH DIAMETER SHALL BE P.Y.C. CONFORMING TO ASTM F194 SPECIFICATION FOR (P.Y.C.) LARGE DIAMETER RIBBED GRAVITY SEWER PIPE BASED ON CONTROLLED INSIDE DIAMETER. PIPE STIFFNESS SHALL EQUAL OR EXCEED 46 PSI IN ACCORDANCE WITH ASTM SPECIFICATION D2412. JOINTS SHALL BE RUBBER RING CONFORMING TO ASTM SPECIFICATION D3212.
- 4. TRENCH EXCAYATION AND BACKFILL, AND WORKMANSHIP FOR CONSTRUCTION OF STORM SEWER SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND AS SET FORTH IN CHAPTE IV, SANITARY SEWER DESIGN SPECIFICATIONS OF CITY OF WEST LINN CONSTRUCTION STANDARDS
- 5. PIPE BASE AND PIPE ZONE MATERIALS, THICKNESS AND WORKMANSHIP SHALL CONFORM TO CITY OF WEST LINN SPECIFICATIONS. SAND SHALL NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND THE CITY OF WEST LINN.
- 6. MANHOLE AND GUTTER INLET CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN SPECIFICATIONS AND STANDARD DRAWINGS. MANHOLES SHALL CONFORM TO STANDARD DRAWINGS NOS. MH - 209 AND MH - 210, AS APPROPRIATE. MANHOLES SHALL HAVE POURED-IN-PLACE CONCRETE BASES UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER AND CITY OF WEST LINN. GUTTER INLET AND GUTTER INLET COVER SHALL CONFORM TO STANDARD DRAWINGS NOS. GI - 214 AND GI - 215, RESPECTIVE WORKMANSHIP FOR MIXING, TRANSPORTING, PLACING, FINISHING AND CURING CONCRETE OF MANHOLE AND GUTTER INLET CONSTRUCTION SHALL CONFORM TO APPLICABLE PORTIONS OF SECTION 604 OF OSHD SPECIFICATIONS.
- PAYEMENT REPLACEMENT FOR STORM SEWER SHALL BE EQUAL OR BETTER THAN EXISTING PAYEMEN' STRUCTURE, AND SHALL CONFORM TO STREET IMPROVEMENTS CONSTRUCTION NOTES.

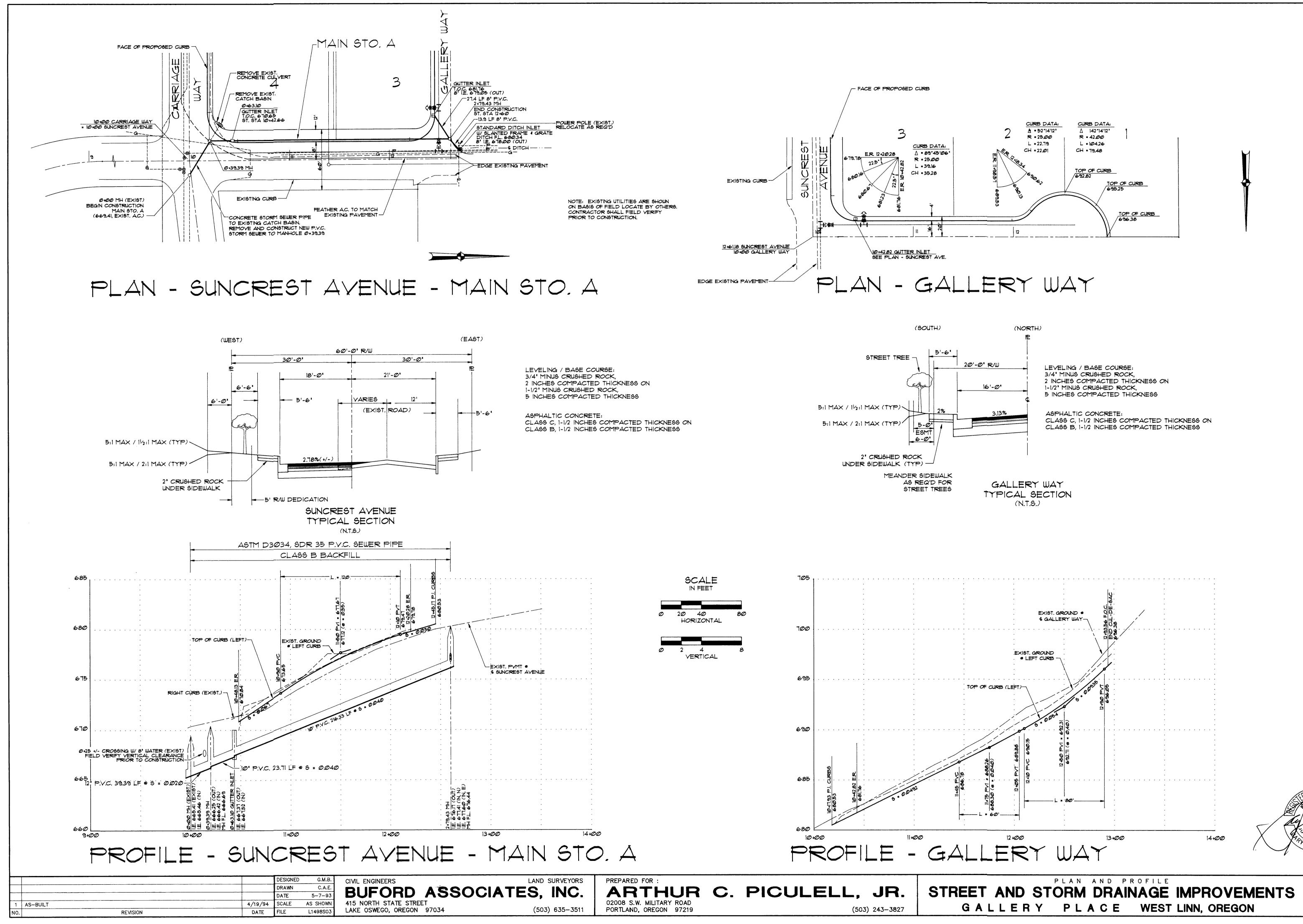
5-7-93 AS SHOWN SCALE AS-BUILT LAKE OSWEGO, OREGON 97034

LAND SURVEYORS BUFORD ASSOCIATES, INC. 415 NORTH STATE STREET (503) 635-3511

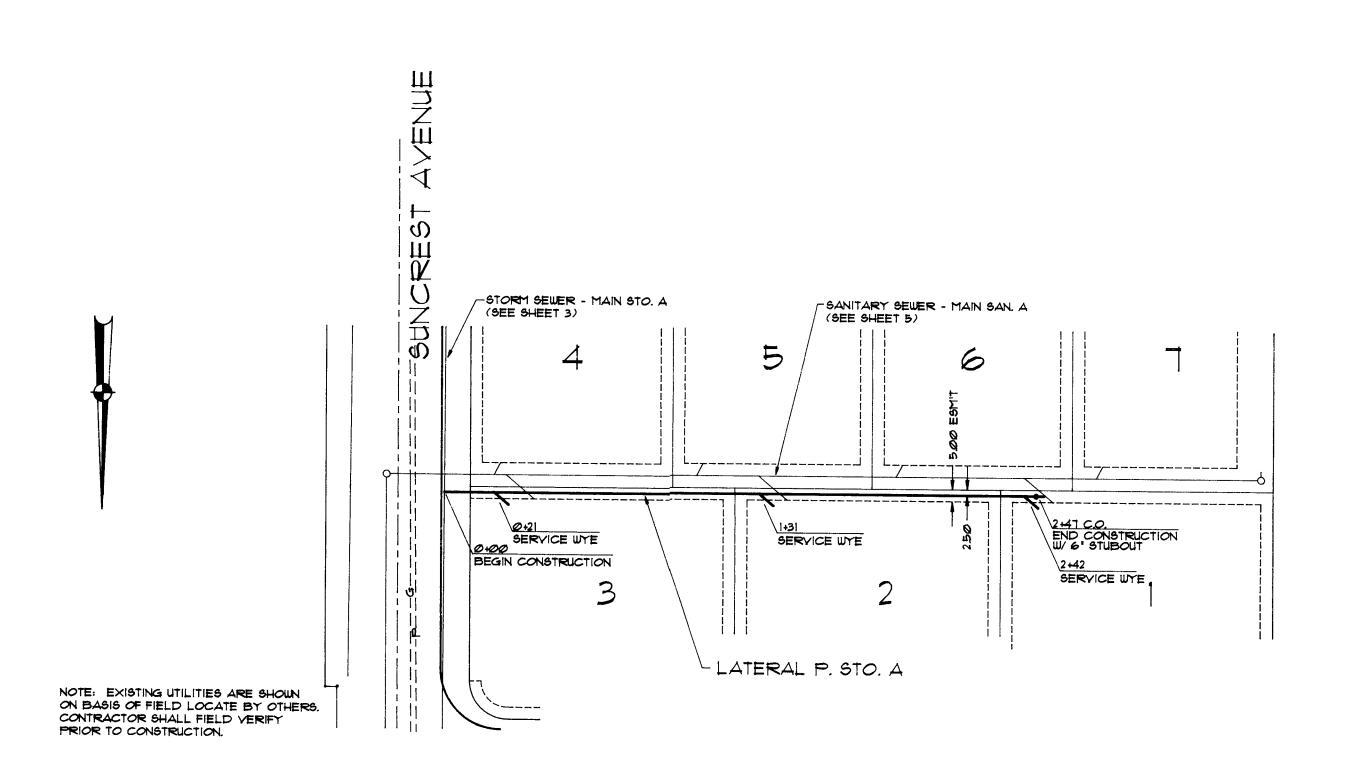
ARTHUR C. PICULELL, JR.

PORTLAND, OREGON 97219

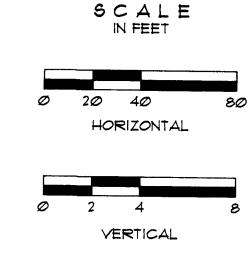
STREET AND STORM DRAINAGE IMPROVEMENTS GALLERY PLACE WEST LINN, OREGON

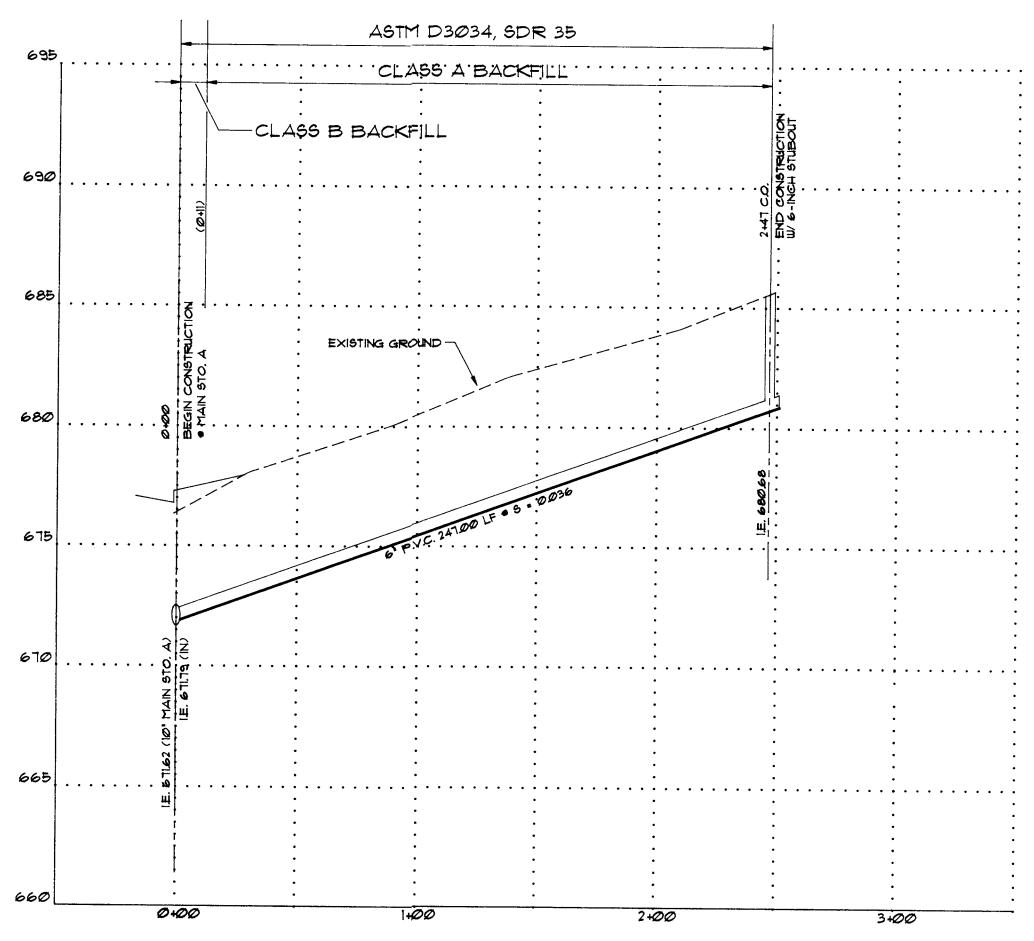


M. BUFO



PLAN - LATERAL P. STO. A





PROFILE - LATERAL P. STO. A

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PREPARED FOR:

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RESIDENTIAL STORM IMPROVEMENTS
GALLERY PLACE WEST LINN, OREGON

SHEET 4

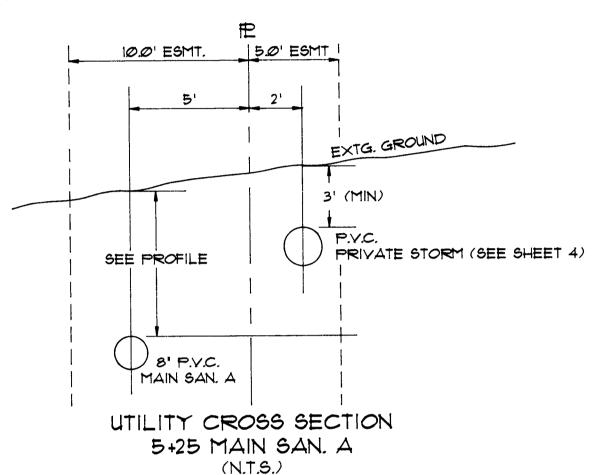
## RESIDENTIAL STORM COLLECTION SYSTEM IMPROVEMENTS CONSTRUCTION NOTES

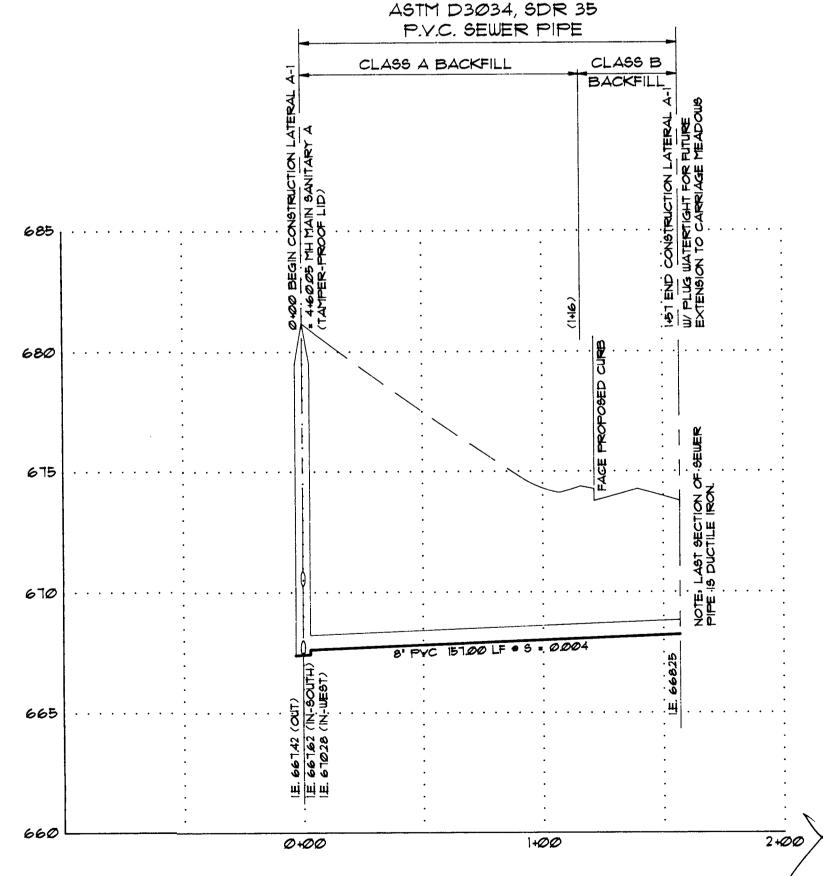
- 1. STORM COLLECTION SYSTEM IMPROVEMENTS CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS.
- 2. STORM COLLECTION SYSTEM PIPE AND FITTINGS SHALL BE 6-INCH DIAMETER P.V.C. (POLYVINYLCHLORIDE) CONFORMING TO ASTM SPECIFICATION D3034, SDR 35. JOINTS SHALL BE RUBBER RING TYPE CONFORMING TO ASTM SPECIFICATION D3212.
- 3. TRENCH EXCAVATION AND BACKFILL, AND WORKMANSHIP FOR CONSTRUCTION OF STORM COLLECTION SYSTEM SEWER SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND AS SET FORTH IN CHAPTER IV, SANITARY SEWER DESIGN SPECIFICATIONS OF CITY OF WEST LINN CONSTRUCTION STANDARDS.
- 4. PIPE BASE AND PIPE ZONE MATERIALS, THICKNESS AND WORKMANSHIP SHALL CONFORM TO CITY OF WEST LINN SPECIFICATIONS AND STANDARD DRAWING NO. PB-280 PIPE, BEDDING AND BACKFILL DETAILS. SAND SHALL NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND THE CITY OF WEST LINN.
- 5. MINIMUM DEPTH OF COVER SHALL BE 3.0 FEET
- 6. MINIMUM SLOPE SHALL BE 0.02 ft/ft.
- 1. CONSTRUCT CLEANOUT PER CITY OF WEST LINN STANDARD DRAWING NO. 55-4.
- 8. EXTEND SERVICES TO PROPERTY LINE OR AS SHOWN ON THE PLAN. PROVIDE PLUG AND MARK WITH 2"  $\times$  4". THE 2"  $\times$  4" SHALL BE PAINTED GREEN.

# -MAIN SANITARY A -LATERAL A-1 NOTE: EXISTING UTILITIES ARE SHOWN ON BASIS OF FIELD LOCATE BY OTHERS. CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION. 8+99.57 CLEAN OUT (EXIST.) (68156, EXIST. A.C.) # 0400 BEGIN CONSTRUCTION MAIN SANITARY A SCALE PLAN - MAIN SANITARY A VERTICAL 695 ...... ASTM D3Ø34, SDR 35 ..... P.Y.C. SEWER PIPE CLASS B BACKFILL CLASS A BACKFILL PROFILE - MAIN SANITARY A ARTHUR C. PICULLEL, JR. 02008 S.W. MILITARY ROAD PORTLAND, OREGON 97219 (503) 243-3827 BUFORD ASSOCIATES, INC. EXTEND SEWER TO SERVE CARRIAGE MEADOWS MANHOLE / FUTURE SEWER ALONG COMMON LINE OF LOTS 4 AND 5 415 NORTH STATE STREET LAKE OSWEGO, OREGON 97034

#### SANITARY SEWER IMPROVEMENTS CONSTRUCTION NOTES

- 1. SANITARY SEWER IMPROVEMENTS CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS.
- SANITARY SEWER PIPE INCLUDING SEWER SERVICES SHALL BE P.V.C. (POLYVINYLCHLORIDE)
  CONFORMING TO ASTM SPECIFICATION D3Ø34, SDR 35. JOINTS SHALL BE RUBBER RING TYPE
  CONFORMING TO ASTM SPECIFICATION D3212.
- 3. TRENCH EXCAVATION AND BACKFILL, AND WORKMANSHIP FOR CONSTRUCTION OF SANITARY SEWER SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND AS SET FORTH IN CITY OF WEST LINN CONSTRUCTION STANDARDS AND DRAWING NO. PB 280.
- 4. PIPE BASE AND PIPE ZONE MATERIAL, THICKNESS AND WORKMANSHIP SHALL CONFORM TO CITY OF WEST LINN SPECIFICATIONS. SAND SHALL NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND THE CITY OF WEST LINN.
- 5. MANHOLE AND CLEANOUT CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS AND DRAWINGS MH 209, MH 210, AND SS 4, AS APPROPRIATE. MANHOLE BASE SHALL BE POURED-IN-PLACE CONCRETE UNLESS APPROVED OTHERWISE IN WRITING BY THE ENGINEER AND THE CITY.
- 6. HYDROSTATIC AND AIR TESTING OF SANITARY SEWER AND MANHOLE CONSTRUCTION FOR ACCEPTANCE SHALL BE CONDUCTED IN ACCORDANCE WITH PROCEDURES SET FORTH IN CITY OF WEST LINN CONSTRUCTION STANDARDS. ALL TESTS SHALL BE WITNESSED BY THE ENGINEER AND A REPRESENTATIVE OF THE CITY.
- 7. SANITARY SEWER SERVICES SHALL CONFORM TO CITY OF WEST LINN CONSTRUCTION STANDARDS. WYE FITTINGS SHALL BE PROVIDED AT ALL SERVICE CONNECTIONS UNLESS APPROVED OTHERWISE BY THE ENGINEER. SERVICE CONNECTION PIPE SHALL NOT BE BACKFILLED UNTIL INSPECTED AND APPROVED BY THE ENGINEER AND THE CITY.
- 8. PAYEMENT REPLACEMENT FOR SANITARY SEWER CONSTRUCTION WITHIN SUNCREST AVENUE SHALL BE EQUAL OR BETTER THAN EXISTING PAYEMENT STRUCTURE, AND SHALL CONFORM TO STREET IMPROVEMENTS CONSTRUCTION NOTES OF SHEET 2.

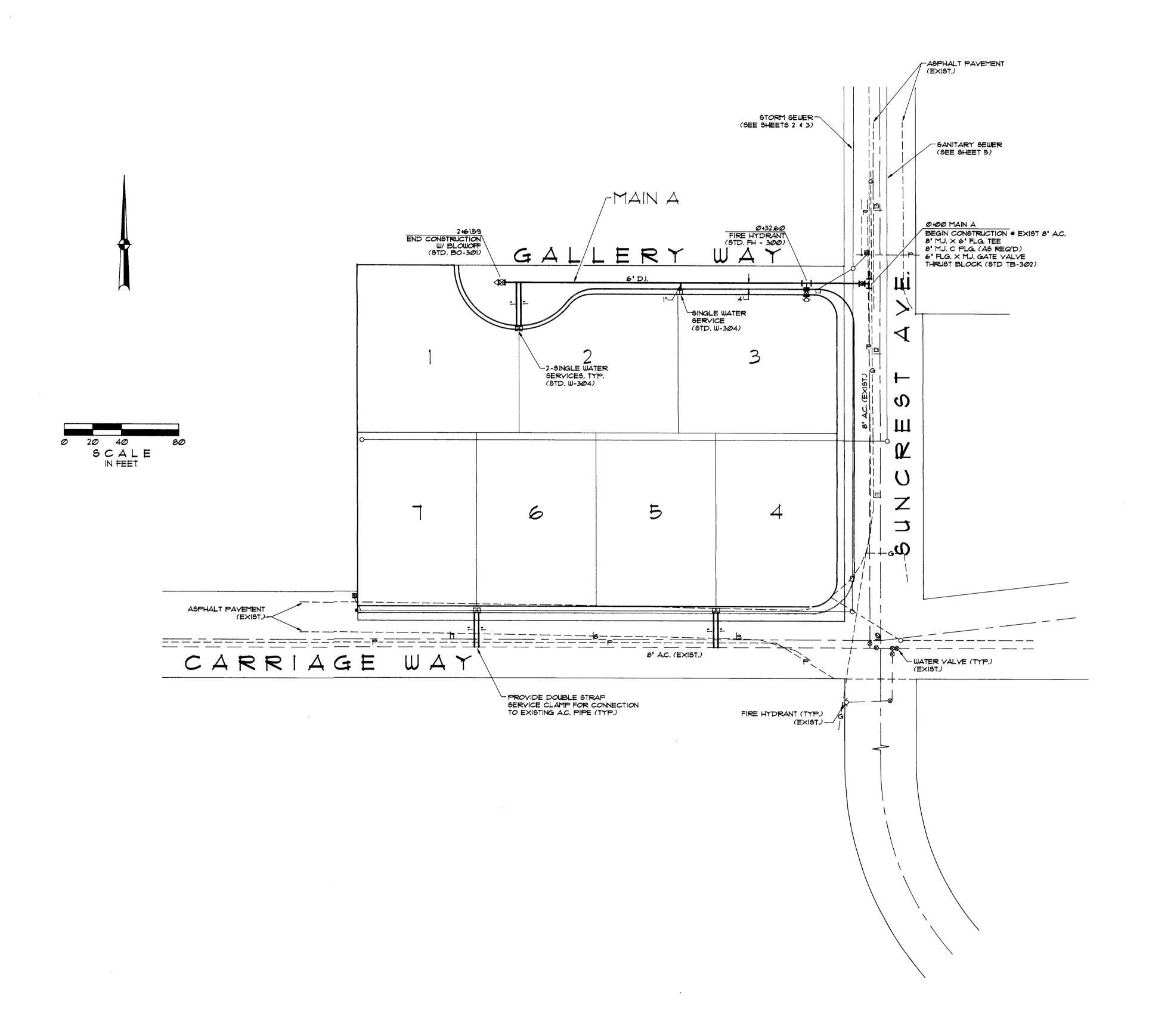




PROFILE - LATERAL A-1

SANITARY SEWER IMPROVEMENTS
GALLERY PLACE WEST LINN, OREGON

SHEET **5**OF **6** 

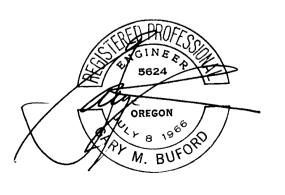


#### WATERLINE IMPROVEMENTS CONSTRUCTION NOTES:

- 1. WATERLINE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF WEST LINN CONSTRUCTION STANDARDS AND DRAWINGS.
- 2. TRENCH EXCAYATION AND BACKFILL, AND WORKMANSHIP FOR CONSTRUCTION OF WATERLINE SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND AS SET FORTH IN CITY CONSTRUCTION STANDARDS AND DRAWING NO. PB 280. PIPE BASE AND PIPE ZONE MATERIALS, AND THICKNESSES SHALL CONFORM TO CITY STANDARDS AND DRAWING. SAND SHALL NOT BE USED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER AND THE CITY OF WEST LINN.
- 3. WATERLINE PIPE SHALL BE CLASS 52 DUCTILE IRON CONFORMING TO USAS (ANSI) SPECIFICATION A21.51 AND CEMENT MORTAR LINED IN ACCORDANCE WITH USAS A21.4. JOINTS SHALL BE RUBBER RING PUSH-ON TYPE CONFORMING TO USAS A21.11.
- 4. FITTINGS AND VALVES SHALL BE MECHANICAL AND/OR FLANGED JOINT AS NOTED ON THE PLANS, AND CONFORMING TO CITY CONSTRUCTION STANDARDS AND DRAWING NO. VL 303, EXCEPT AS MODIFIED ON THE CONSTRUCTION PLANS.
- 5. FIRE HYDRANTS AND BLOWOFFS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS CONFORMING. TO CITY CONSTRUCTION STANDARDS AND DRAWING NOS. FH 300 AND BO 301 RESPECTIVELY.
- 6. THRUST BLOCKING SHALL BE PROVIDED AT ALL FITTINGS, HYDRANTS, BLOWOFFS, ENDS OF WATERLINE, AND AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER IN ACCORDANCE WITH CITY CONSTRUCTION STANDARDS AND DRAWING NO. TB 302, EXCEPT AS MODIFIED ON THE PLANS.
- 1. HYDROSTATIC TESTING, FLUSHING AND STERILIZATION OF NEW WATERLINE IMPROVEMENTS CONSTRUCTION REQUIRED FOR ACCEPTANCE SHALL BE COMPLETED SATISFACTORILY PRIOR TO ANY PHYSICAL CONNECTION BY CONTRACTOR OF NEW WATERLINE TO EXISTING PUBLIC FACILITIES. IN ADDITION, NO WATERLINE VALVES OR HYDRANTS WITHIN THE EXISTING CITY SYSTEM SHALL BE OPERATED BY ANYONE OTHER THAN A CITY EMPLOYEE. THE CONTRACTOR SHALL PLAN CONSTRUCTION ACTIVITIES ACCORDINGLY.

PROCEDURES AND SPECIFIC REQUIREMENTS FOR TEST PROCEDURES ARE SET FORTH IN CITY OF WEST LINN CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE TO COMPLY WITH ALL REQUIREMENTS. NO DEVIATION FROM THE REQUIREMENTS WILL BE ALLOWED.

- 8. WATER SERVICES SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN AND IN ACCORDANCE WITH THESE PLANS AND STD. DWG NO. W 304. MATERIALS SHALL BE OF THE TYPE AND MANUFACTURE AS SET FORTH IN CITY CONSTRUCTION STANDARDS.
- 9. PAVEMENT RESTORATION FOR WATERLINE CONSTRUCTION SHALL BE EQUAL OR BETTER THAN EXISTING PAVEMENT STRUCTURE, AND SHALL CONFORM TO STREET IMPROVEMENTS CONSTRUCTION NOTES OF SHEET 2.
- 10. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WATERLINE PRIOR TO CONSTRUCTION.



			DESIGNED	G.M.B.
			DRAWN	C.A.E.
			DATE	5-7-93
1	AS-BUILT	4/19/94	SCALE	AS SHOWN
NO.	REVISION	DATE	FILE	L1498S06

BUFORD ASSOCIATES, INC.

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WATERLINE IMPROVEMENTS
GALLERY PLACE WEST LINN, OREGON