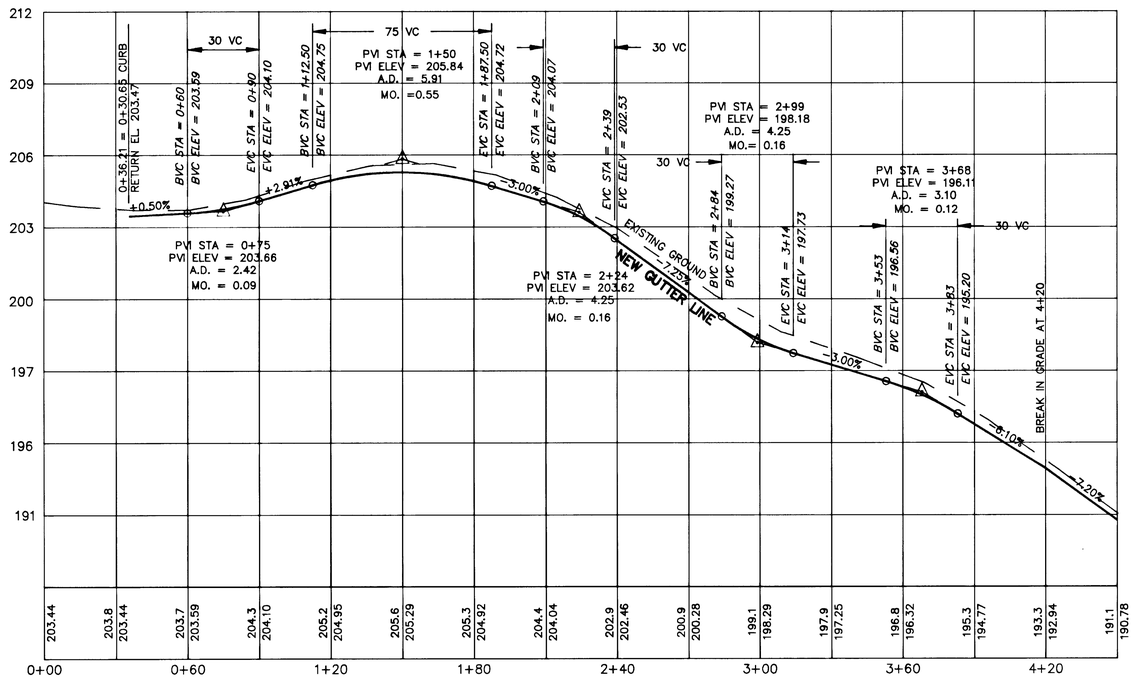
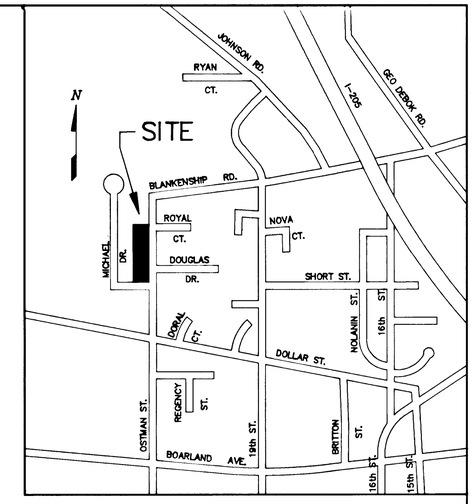


GUTTER LINE PROFILE

SCALE: HORIZ. 1" = 30'
VERT. 1" = 3'

NOTES & SPECIFICATIONS

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND THE APPLICABLE REQUIREMENTS OF THE JULY 1988 EDITION OF THE CITY OF WEST LINN STREET/UTILITY DESIGN AND CONSTRUCTION STANDARDS.
2. EXCAVATORS MUST COMPLY WITH ALL PROVISIONS OF ORS 757.541 TO 757.571 INCLUDING NOTIFICATION OF OWNERS OF UNDERGROUND FACILITIES AT LEAST 48 BUSINESS DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS BEFORE COMMENCING CONSTRUCTION.
3. BASIS OF DATUM: CITY BENCH AT INTERSECTION OF S.W. OSTMAN & S.W. BLANKENSHIP ROAD, 3/4" IRON PIPE ELEVATION 186.33.
4. LOCATION OF EXISTING UTILITIES ARE BASED ON AVAILABLE RECORDS. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY LOCATIONS OF ALL CONFLICTING UTILITIES AND SHALL NOTIFY ENGINEER OF CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THE PLANS PRIOR TO PROCEEDING. DELAYS RESULTING FROM CONFLICTS WITH EXISTING UTILITIES SHALL BE CONSIDERED INCIDENTAL TO PROJECT CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES, AND SHALL MAKE ALL REPAIRS AT HIS EXPENSE.
5. CONSTRUCT 5' WIDE SIDEWALK ADJACIENT TO CURB ON SW MICHAEL AND A 4' WIDE SIDEWALK ADJACIENT TO PROPERTY LINE ON SW OSTMAN PER DWG. NO. CS-270
6. CONSTRUCT RESIDENTIAL DRIVEWAYS PER DWG.NO. DW-250. DRIVEWAYS ARE OF THE WIDTH INDICATED AND AT STREET CENTERLINE LOCATIONS PER PLANS. USE 3000 PSI/6.1 SACK MIX CONCRETE FOR ALL SIDEWALKS, CURBS, AND DRIVEWAYS.
7. SANITARY SEWER PIPE SHALL BE PVC PIPE PER ASTM D 3034, SDR 35. USE PVC BEDDING AND GRANULAR BACKFILL.
8. WATER SERVICE LINES SHALL CONFORM TO DWG.NO. WM-304 WITH BROOKS CONCRETE BOXES, AND FORD OR EQUAL CORPORATION AND METER STOPS. PLACE NEW METERS AND BOXES PER DWG.NO. WM-304
9. CONTRACTOR SHALL NOTIFY SURVEYOR THREE WORKING DAYS IN ADVANCE TO PROVIDE STAKES FOR LINE AND GRADE. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ALL DAMAGE OR DESTROYED SURVEY MONUMENTATION OR CONSTRUCTION STAKES.
10. STREET TREES SHALL BE FRAXINUS OXYCARPA "FLAME" OR FLAMING ASH, 6 TO 8 FT. HIGH PLANTED 2 FT. BEHIND FACE OF CURB IN PLANTING STRIP AT APPROX. STREET STATIONS: 0+50, 1+60, 2+00, 2+40, 2+80, AND 3+20.
11. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR RELOCATION OF EXISTING OVERHEAD UTILITIES UNDERGROUND, CONTRACTOR TO PROVIDE TRENCHING & CONDUIT. SERVICE TO HOUSE ON LOT #1 MUST BE RELOCATED.
12. BREAK IN NEW 10" STUB AT ELEVATION 198.67, AND SLOPE TO CATCHBASIN AT STATION 2+58 17.42' LEFT, RIM=201.23 AND INV. OUT=199.13
13. FIR TREES IN PRESERVATION AREA ARE TO BE PRUNED TO NATIONAL ARBORIST ASSOCIATION CLASS II STANDARDS.

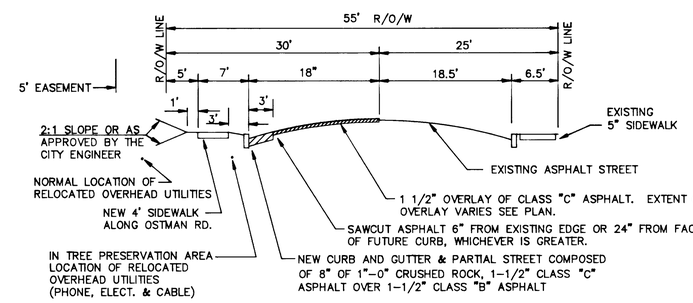


VICINITY MAP

N.T.S

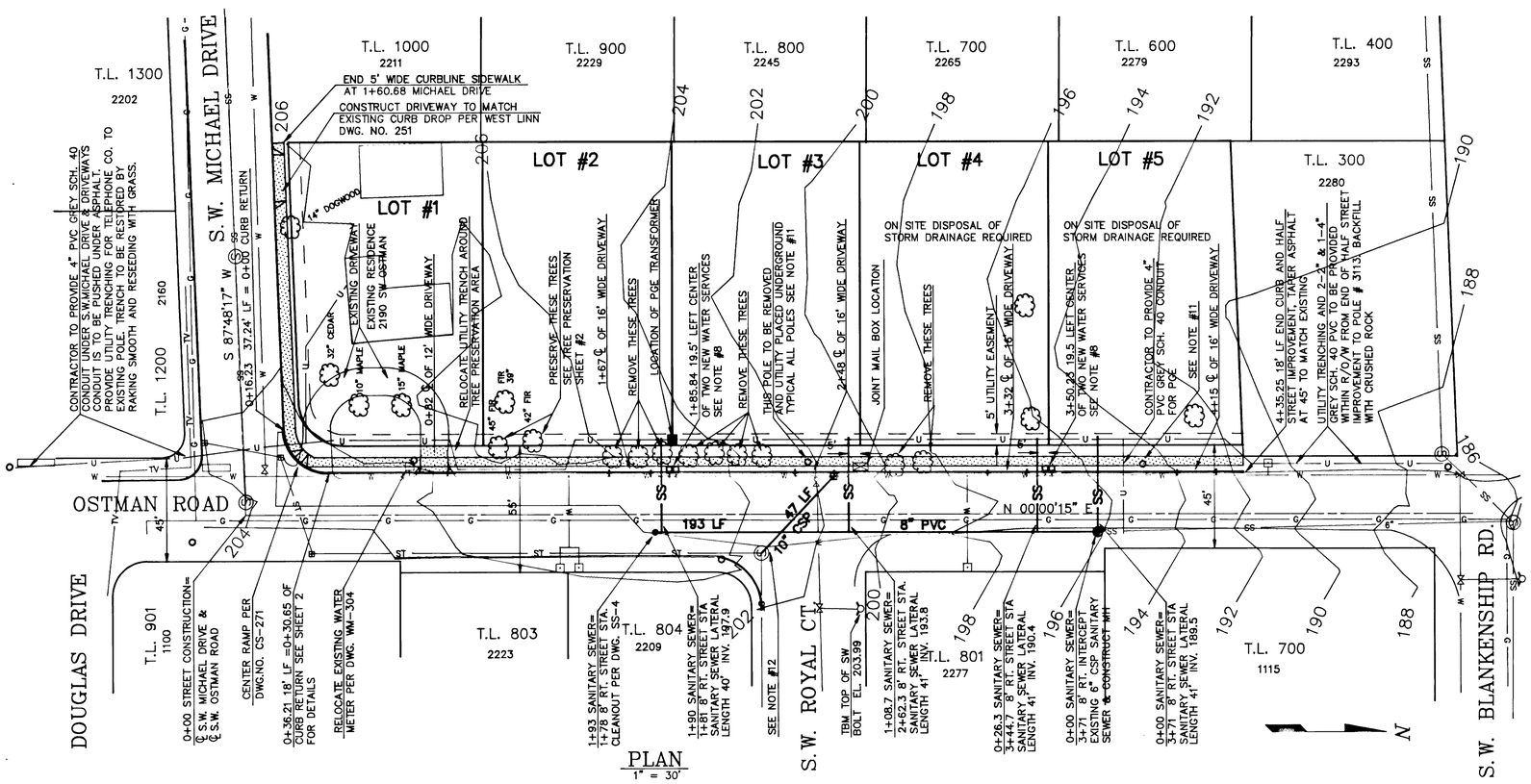
LEGEND

EXISTING CURB	EXISTING SANITARY SEWER — SS —
NEW CURB	NEW SANITARY SERVICE — SS —
OVERLAY ASPHALT	EXISTING MANHOLE
NEW CONCRETE	NEW SANITARY MH
EDGE OF PAVEMENT	NEW SANITARY CLEANOUT
EXISTING FIRE HYDRANT	EXISTING WATER — W —
NEW UTILITY TRENCH — U —	WATER VALVE
CENTERLINE R/O/W	NEW WATER SERVICE
EXISTING TREE	EXISTING WATER SERVICE — W —
EXISTING STORM SEWER — ST —	EXISTING GAS LINE — G —
EXISTING CATCHBASIN	EXISTING UTILITY POLE
NEW CATCHBASIN	EASEMENT LINE



NEW OSTMAN ROAD X-SECTION

NTS



PLAN

1" = 30'

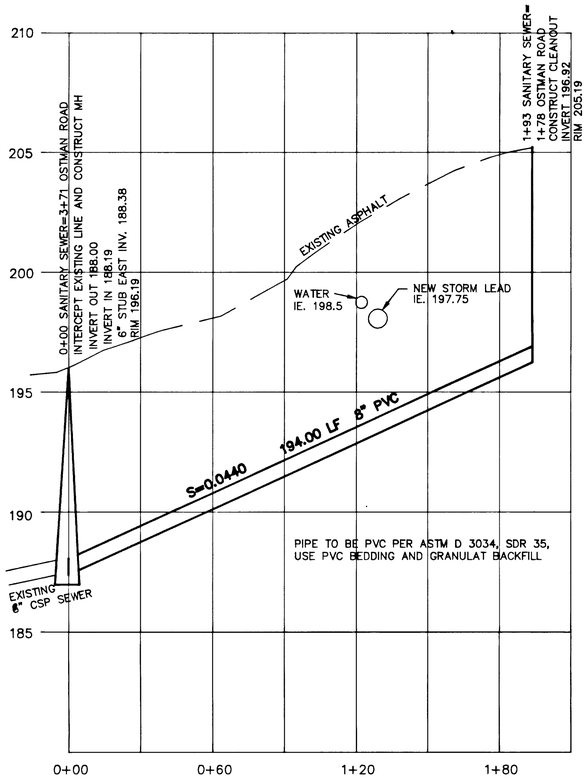
SURVEYOR:
BERNARD A. SUTTON PLS
15215 S.E. HAWTHORNE COURT
PORTLAND, OREGON 97233
PHONE: (503) 254-8779

OWNER/DEVELOPER:
DAVE EMMETT
21998 S.W. STAFFORD RD.
TUALATIN, OREGON 97062
PHONE: (503) 684-4744

Water, Storm, SS
5430

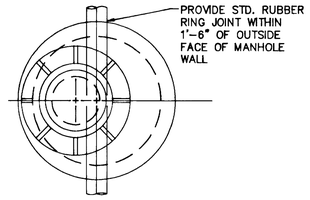
REGISTERED PROFESSIONAL ENGINEER 9694 OREGON JULY 14, 1978 DONALD L. MURRAY

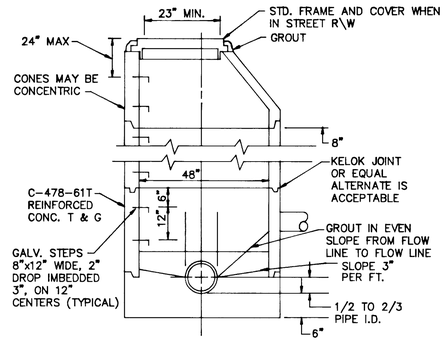
8/29/91 "AS BUILTS"		D.L.M.
OWNER: DAVE EMMETT 21998 SW STAFFORD RD. TUALATIN, OR 97062		
CAD # OSTMC1	OSTMAN ROAD	
DESIGNED BY D.L.M.	HALF STREET IMPROVEMENT	
DRAFTED BY D.L.M.	Farmstead Acres	
DATE 8/29/91	SCALE: AS SHOWN	SHEET 1 OF 2
DONALD L. MURRAY Consulting Engineer Telephone (503) 234-3661 6548 S. E. 14 th. Portland, Oregon 97202		DRAWING NUMBER 9015-1



SANITARY SEWER PROFILE

SCALE: HORIZ. 1"=30'
VERT. 1"=3'



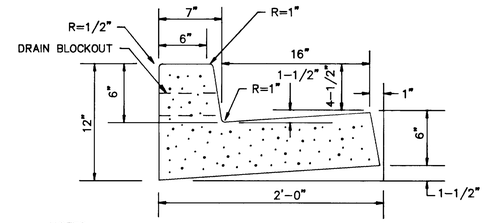


TYPICAL MANHOLE

NOTES:
1. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M.-C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I. AND 2" TO 4" SLUMP.
2. MATERIAL: 3/4" DIA. STRUCTURAL STEEL CONFORMING TO A.S.T.M.-A-36 AND GALVANIZED IN CONFORMANCE TO A.S.T.M.-A-123, FOR STEPS.

STANDARD MANHOLE

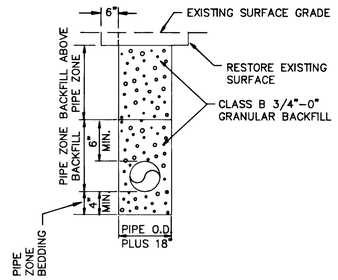
N.T.S.



NOTES:
1. KNIFE JOINTS SHALL BE PLACED AT ALL CHANGES OF DIRECTION AND POINTS OF CURVATURE, AND AT A MAXIMUM SPACING OF 20 FEET.
2. CONCRETE USED FOR CURB AND GUTTER SHALL MEET A 3,000 P.S.I. COMPRESSION STRENGTH AT 28 DAYS.
3. DRAIN BLOCKOUT TO BE 3" DIA. PLASTIC PIPE
4. BASE ROCK 1-1/2" MINUS AT 95% COMPACTION

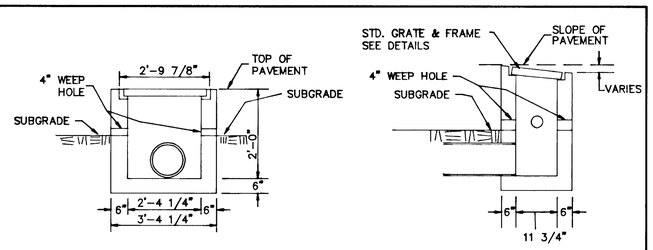
CURB AND GUTTER

N.T.S.



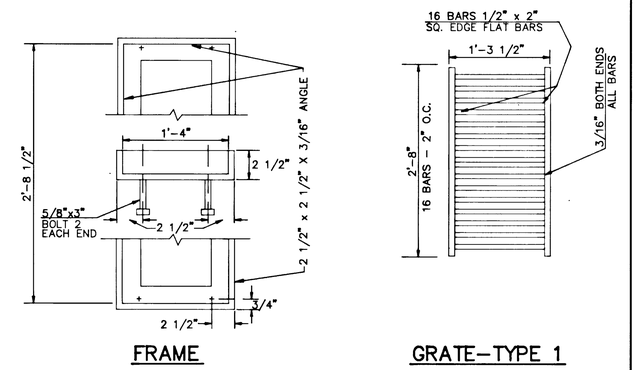
TYPICAL TRENCH SECTION

N.T.S.



FRONT SIDE

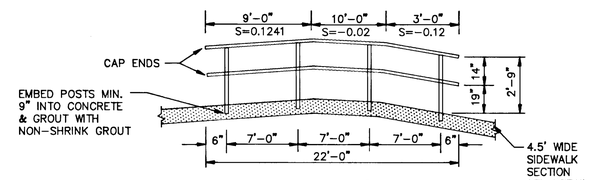
NOTES:
1. BACKFILL SHALL BE COMPACTED TO 95% DENSITY THROUGHOUT.
2. ALL PRECAST SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M.-C-478. ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I. AND 2" TO 4" SLUMP.



FRAME GRATE-TYPE 1

CATCHBASIN GRATE & FRAME

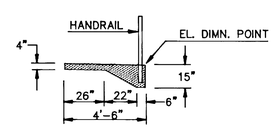
N.T.S.



NOTE: ALL HANDRAIL TO BE 1 1/4" GALVANIZED PIPE

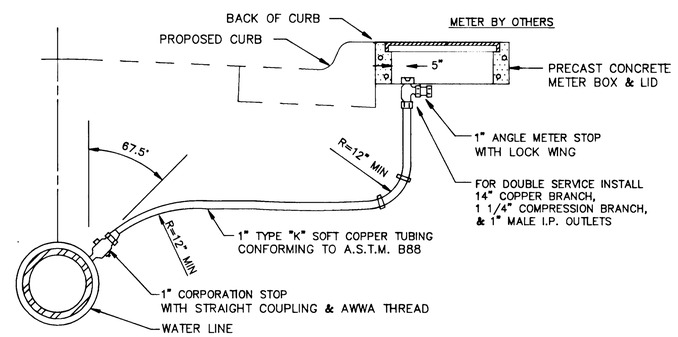
HANDRAIL DETAIL

N.T.S.



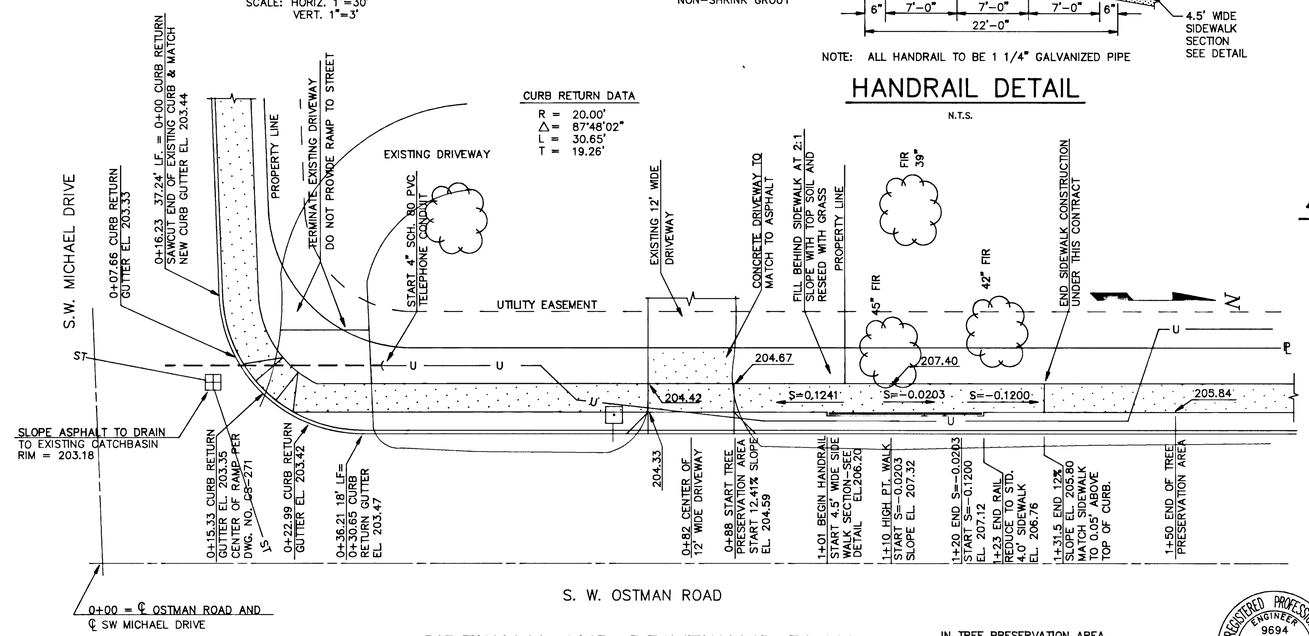
4.5' SIDEWALK SECTION

N.T.S.



WATER SERVICE DETAIL

N.T.S.

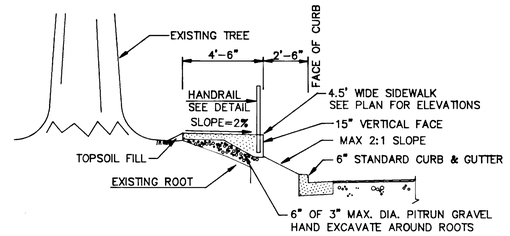


SIDEWALK AND DRIVEWAYS PLAN

SCALE 1"=10'

IN TREE PRESERVATION AREA
HAND EXCAVATE UTILITY TRENCH
IN PRESENCE OF ARBORIST, DO
NOT CUT ANY ROOT OVER 3" IN DIA.

REGISTERED PROFESSIONAL ENGINEER 9694 OREGON JULY 14, 1978 DONALD L. MURRAY



TREE PRESERVATION DETAIL

SCALE 1/4"= 1'-0"

8/14/91	"AS BUILT" INFORMATION ADDED	D.L.M.
7/7/91	ELEVATED SIDEWALK & ADDED HANDRAIL	D.L.M.
OWNER:	DAVE EMMETT 21998 SW STAFFORD RD. TUALATIN, OR 97062	
CAD # OSTMC2	OSTMAN ROAD	
DESIGNED BY D.L.M.	HALF STREET IMPROVEMENT	
DRAFTED BY D.L.M.		
DATE 8/14/91	SCALE: AS SHOWN	SHEET 2 OF 2

DONALD L. MURRAY Consulting Engineer
Telephone (503) 234-3661 6548 S. E. 14 th.
Portland, Oregon 97202

DRAWING NUMBER 9015-2