GRADING CONSTRUCTION NOTES

(1) INSTALL SEDIMENT FENCE PER DETAIL ON SHEET 4.

(2) INSTALL INLET SEDIMENT BARRIER

EROSION CONTROL NOTES

1. 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, utilities, etc.)
2. 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.
3. 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.
4. 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 and sediment laden water do no enter the drainage system, roadways, or violate applicable water standards.
5. The ESC facilities shown on this plan are the minimum requirements for anticipated sit conditions. During the construction period, these ESC facilities shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not leave the site.
6. The ESC facilities shall be inspected daily by the applicant/contractor and maintained as necessary to ensure their continued functioning during construction and during 1 year warranty period after construction.
7. 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.
8. 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.
9. 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.

CLEARING/GRADING GENERAL NOTES

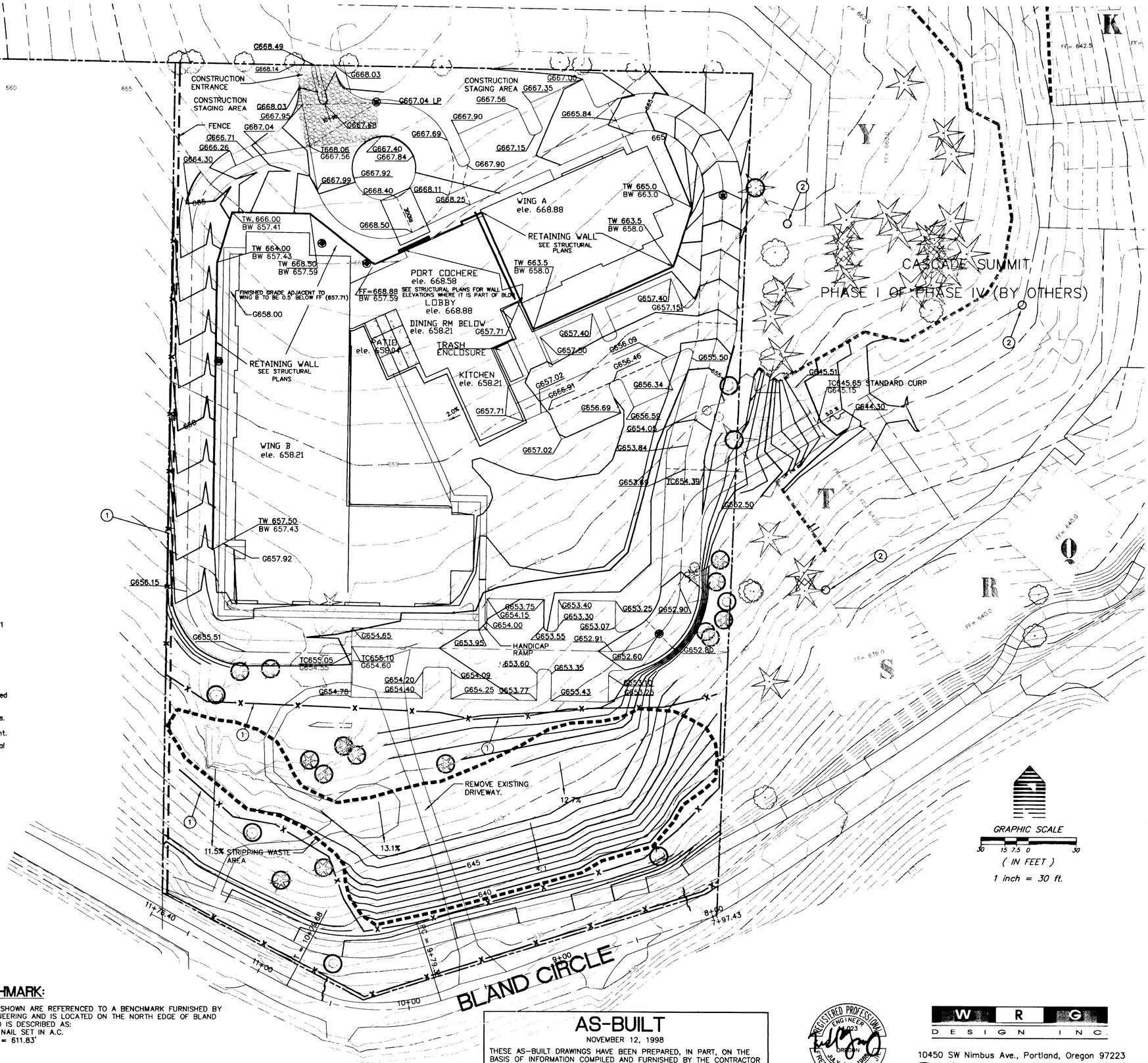
1. Notify engineer 2 business days before commencing work.
2. Excavators must comply with all provisions of ors 757.541 to 757.571 including notification of all owners of underground facilities at least 48 business day hours, but not more than 10 business days, before commencing an excavation.
3. All embahkment required shall be structural fill meeting the requirements and specifications of the geotechnical investigation prepared by deep river geotechnical services dated november 1994 and the specifications in the contract documents.
4. All excess material not utilized on-site shall be placed and compacted by the contractor in a location approved by the engineer.
5. trees not designated to be removed shall be protected at all times.
6. Sawcut straight lines to meet existing pavement with new pavement.
7. A final grading report that locates and certifies that all fill material areas have been constructed to meet all applicable codes and geotechnical report.

LEGEND

- 175 — EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- 182 — PROPOSED 5' CONTOUR
- PROPOSED GRADE BREAK
- PROPOSED 1' CONTOUR
- G181.0 — PROPOSED GUTTER SPOT ELEVATION
- PROPOSED CATCH BASIN
- PROPOSED RETAINING WALL
- SEDIMENT BARRIER OVER CATCH BASIN
- EROSION CONTROL FENCE
- EXISTING TO REMAIN
- GRAVEL CONSTRUCTION ENTRANCE
- STRIPING FILL AREAS
- BIO-BAG DITCH PROTECTION
- TREE PROTECTION FENCE
- 6' HIGH FENCE

BENCHMARK:

ELEVATION SHOWN ARE REFERENCED TO A BENCHMARK FURNISHED BY OTAK ENGINEERING AND IS LOCATED ON THE NORTH EDGE OF BLAND CIRCLE AND IS DESCRIBED AS:
TBM - PK NAIL SET IN A.C.
EVEVATION = 611.83'



AS-BUILT

NOVEMBER 12, 1998

THESE AS-BUILT DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY THE CONTRACTOR AND OTHERS. THE ENGINEER CERTIFIES THAT THESE PLANS REPRESENT ACTUAL IMPROVEMENTS CONSTRUCTED AND THAT THESE IMPROVEMENTS ARE IN ACCORDANCE WITH GOVERNING JURISDICTIONAL STANDARDS.

REGISTERED PROFESSIONAL ENGINEER 11023 OREGON JULY 26, 1985 FRED R. GARMIRE

EXPIRES 6-30-99

DESIGN: J. CLAY
DRAW
CHECKED: F. GARMIRE
REVISIONS
1 SITE CHANGE BY GENERATIONS

GENERATIONS I TERRACE CONSTRUCTION CO.
8601 S.E. CAUSEY AVENUE PORTLAND, OREGON 97266

PROJECT
TANNER SPRING - ALF

LOCATION
CASCADE SUMMIT
WEST LINN
OREGON

THE ABOVE DESIGNS, DRAWINGS, SPECIFICATIONS, IDEAS, AND/OR ARRANGEMENTS REPRESENTED THEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSION ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION; CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. QUESTIONS OR ERRORS ON THE DRAWINGS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT, AND AFFECTED WORK SHALL NOT PROCEED UNTIL WRITTEN O.K. BY THE ARCHITECT. SHOP DETAILS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION.

JACK J. McGARRITY
A.I.A./N.C.A.R.B.
ARCHITECT
8601 S.E. CAUSEY AVENUE
PORTLAND, OREGON 97266
PHONE (503) 652-0750
FAX (503) 652-1691

SHEET TITLE
SITE GRADING

PROJECT NO. GEN001
DATE: 5/1/97

SHEET NO.
C-5
OF SHEETS

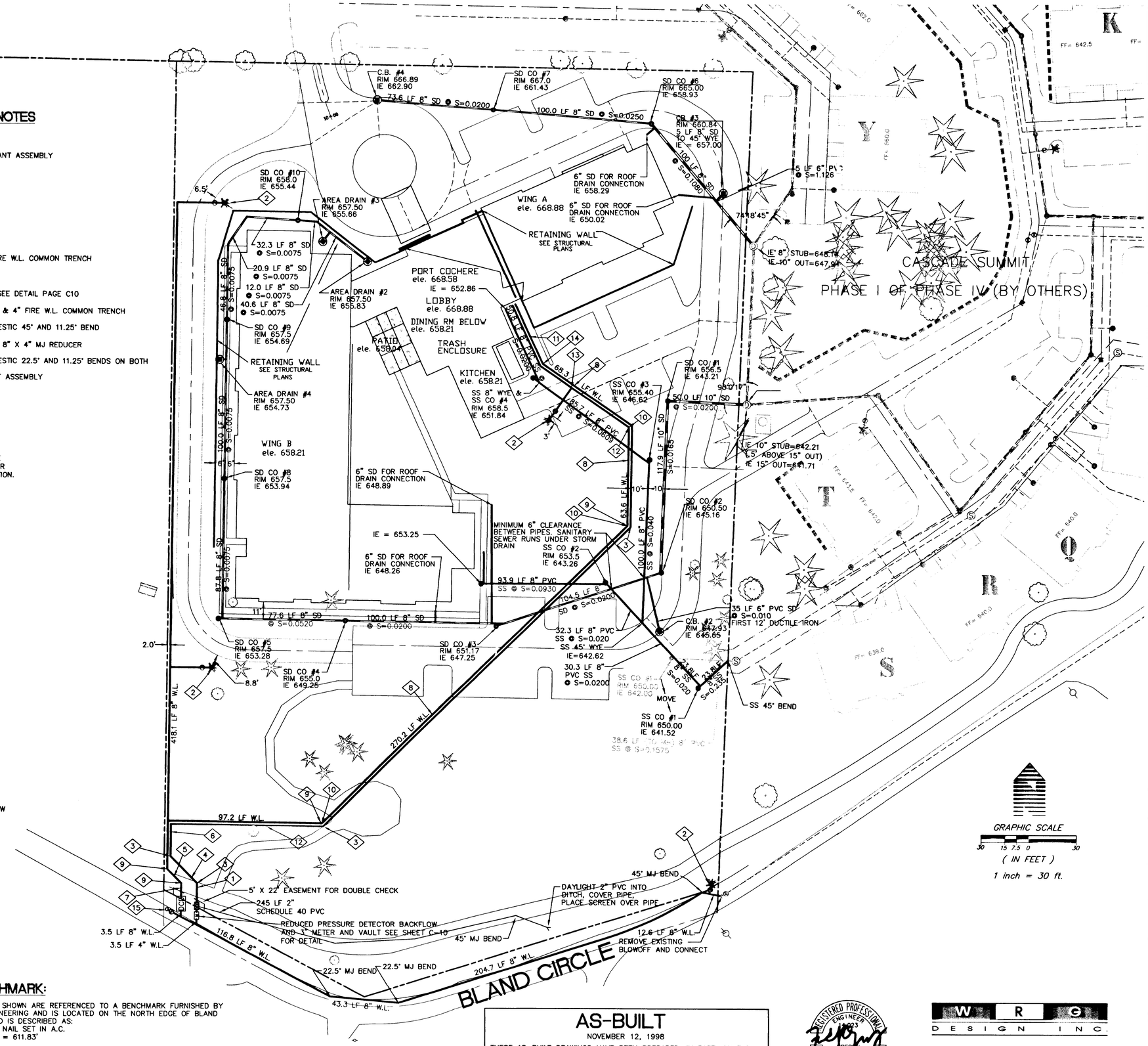
W R G DESIGN INC
10450 SW Nimbus Ave., Portland, Oregon 97223
☎ 503|603-9933 FAX: 503|603-9944
PLANNERS ■ ENGINEERS ■ LANDSCAPE ARCHITECTS ■ SURVEYORS

CASCADE SUMMIT ASSISTED LIVING FACILITY 98

WATER SYSTEM NOTES

1. 13.5 LF 4" W.L.
2. COMPLETE FIRE HYDRANT ASSEMBLY
3. 4" MJ 45° BEND
4. 24.0 LF 4" W.L.
5. 12.7 LF 8" W.L.
6. 20.6 LF 4" W.L.
7. 8.4 LF 8" W.L.
8. 4" DOMESTIC & 8" FIRE W.L. COMMON TRENCH
9. 8" MJ 45° BEND
10. FOR THRUST BLOCK SEE DETAIL PAGE C10
11. 67.8 LF 4" DOMESTIC & 4" FIRE W.L. COMMON TRENCH
12. 8" FIRE AND 4" DOMESTIC 45° AND 11.25° BEND
13. 8" X 6" MJ TEE AND 8" X 4" MJ REDUCER
14. 4" FIRE AND 4" DOMESTIC 22.5° AND 11.25° BENDS ON BOTH
15. INSTALL 2" BLOW OFF ASSEMBLY

NOTE:
AREA DRAINS TO BE APPROVED BY OWNER PRIOR TO INSTALLATION.



LEGEND

- DCD — PROP. 8" DOUBLE CHECK DETECTOR
- M — 3" METER AND REDUCED PRESSURE DETECTOR BACKFLOW
- EXIST. BOUNDARY
- EXIST. FIRE HYDRANT
- W — EXIST. WATERLINE
- EXIST. STORM DRAIN
- D — EXIST. STORM MANHOLE
- EXIST. CATCH BASIN
- S — EXIST. SANITARY SEWER MANHOLE
- SS — EXIST. SANITARY SEWER LINE
- EXIST. CURB
- EXIST. BUILDING
- PROP. WATER VALVE
- 4"W — PROP. D.I. WATERLINE
- 12"SD — PROP. STORM DRAIN
- 8"SS — PROP. SANITARY SEWER LINE
- PROP. TRAP CATCH BASIN
- PROP. CLEANOUT
- PROP. FIRE HYDRANT

BENCHMARK:

ELEVATION SHOWN ARE REFERENCED TO A BENCHMARK FURNISHED BY OTAK ENGINEERING AND IS LOCATED ON THE NORTH EDGE OF BLAND CIRCLE AND IS DESCRIBED AS:
TBM – PK NAIL SET IN A.C.
EVEVATION = 611.83'

AS-BUILT

NOVEMBER 12, 1998

THESE AS-BUILT DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY THE CONTRACTOR AND OTHERS. THE ENGINEER CERTIFIES THAT THESE PLANS REPRESENT ACTUAL IMPROVEMENTS CONSTRUCTED AND THAT THESE IMPROVEMENTS ARE IN ACCORDANCE WITH GOVERNING JURISDICTIONAL STANDARDS.

REGISTERED PROFESSIONAL ENGINEER OREGON JULY 26, 1989 FRED R. GARMIRE

EXPIRES 6-30-99

GRAPHIC SCALE
30 15 7.5 0 30
(IN FEET)
1 inch = 30 ft.

DESIGN: J. CLAY
DRAW
CHECKED: F. GARMIRE
REVISIONS
⚠ SITE CHANGE BY GENERATIONS

GENERATIONS / TERRACE CONSTRUCTION CO.
8601 S.E. CAUSEY AVENUE PORTLAND, OREGON 97266

PROJECT
TANNER SPRING - ALF
LOCATION
CASCADE SUMMIT
WEST LINN
OREGON

THE ABOVE DESIGNS, DRAWINGS, SPECIFICATIONS, IDEAS, AND/OR ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PURPOSE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSION ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. INCONSISTENCIES OR ERRORS IN THE DRAWINGS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT AND AFFECTED WORK SHALL NOT PROCEED UNTIL RESOLVED BY THE ARCHITECT. SHOP DETAILS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION.

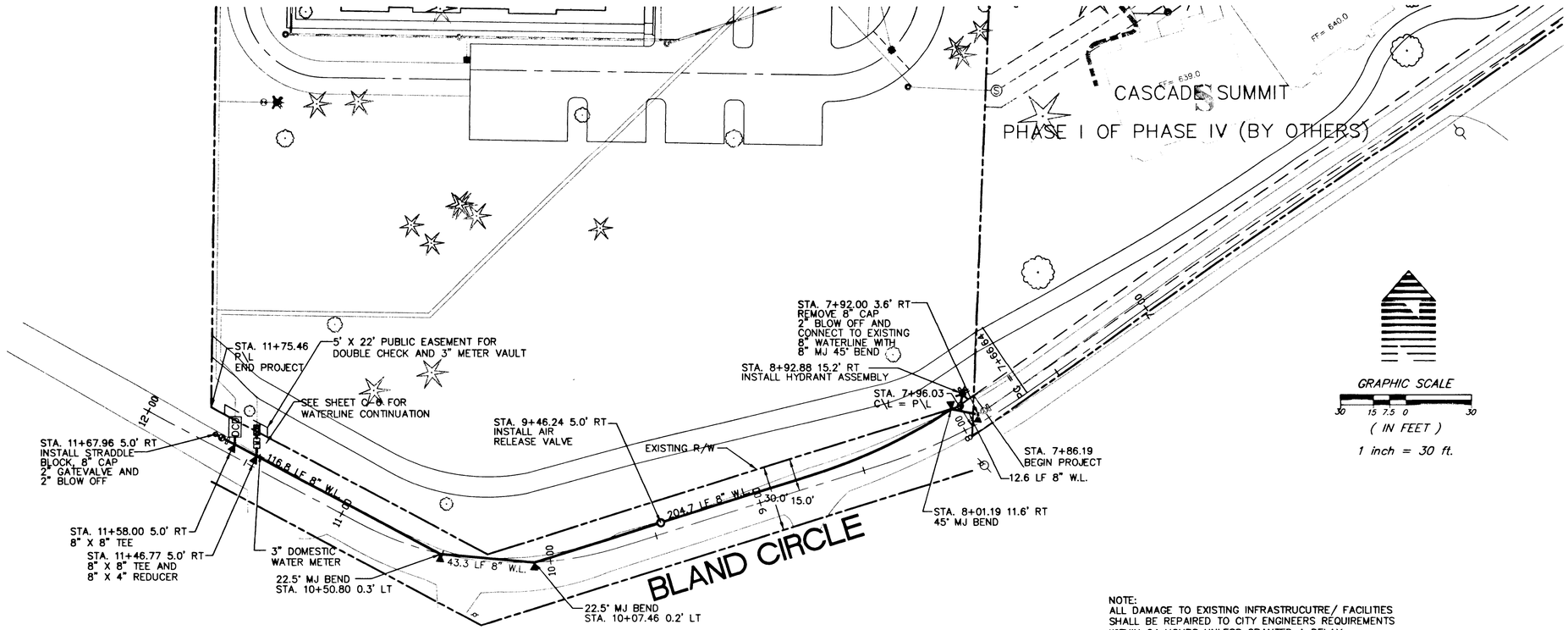
JACK J. McGARRITY
A.I.A./N.C.A.R.B.
ARCHITECT
8601 S.E. CAUSEY AVENUE
PORTLAND, OREGON 97266
PHONE (503) 652-0750
FAX (503) 652-1691

SHEET TITLE
SITE UTILITY

PROJECT NO. GEN001
DATE: 5/1/97

SHEET NO.
C-6
OF SHEETS

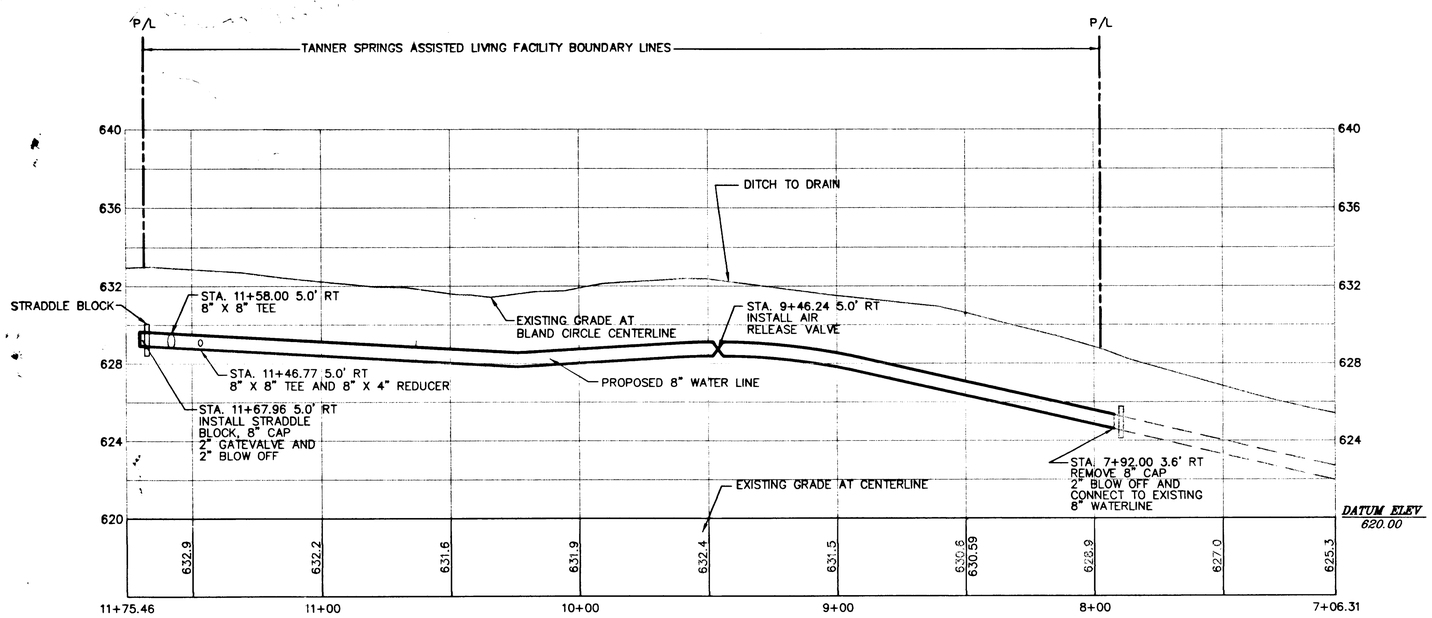
W R G DESIGN INC.
10450 SW Nimbus Ave., Portland, Oregon 97223
☎ 503|603-9933 FAX: 503|603-9944
PLANNERS ■ ENGINEERS ■ LANDSCAPE ARCHITECTS ■ SURVEYORS



BLAND CIRCLE PLAN

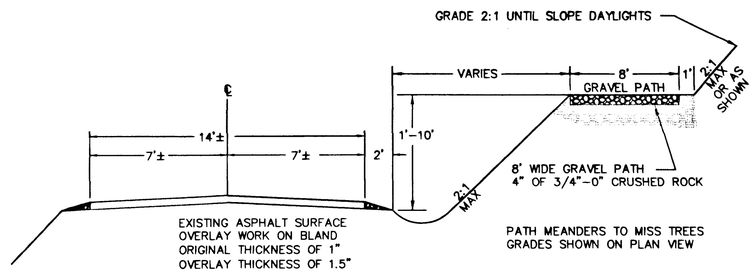
SCALE: 1"=30'

NOTE:
ALL DAMAGE TO EXISTING INFRASTRUCUTRE/ FACILITIES SHALL BE REPAIRED TO CITY ENGINEERS REQUIREMENTS WITHIN 24 HOURS UNLESS GRANTED A DELAY.



BLAND CIRCLE PROFILE

SCALE:
VERTICAL 1"=4'
HORIZONTAL 1"=30'



BLAND CIRCLE (TYPICAL SECTION)

N.T.S.

AS-BUILT

NOVEMBER 12, 1998

THESE AS-BUILT DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY THE CONTRACTOR AND OTHERS. THE ENGINEER CERTIFIES THAT THESE PLANS REPRESENT ACTUAL IMPROVEMENTS CONSTRUCTED AND THAT THESE IMPROVEMENTS ARE IN ACCORDANCE WITH GOVERNING JURISDICTIONAL STANDARDS.

REGISTERED PROFESSIONAL ENGINEER 14,923 OREGON JULY 26, 1988 FRED R. GARMIRE

EXPIRES 6-30-99

DESIGN: J. CLAY
DRAW
CHECKED: F. GARMIRE
REVISIONS
2. BLAND CIRCLE PLAN AND PROFILE AND WATERLINE
1. REVISION CITY OF WEST LINN
0. REVISION CITY OF WEST LINN

GENERATIONS I TERRACE CONSTRUCTION CO.
8601 S.E. CAUSEY AVENUE
PORTLAND, OREGON 97266

PROJECT
TANNER SPRING - ALF

LOCATION
CASCADE SUMMIT
WEST LINN
OREGON

THE ABOVE DESIGNS, DRAWINGS, SPECIFICATIONS, IDEAS, AND/OR ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSION ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION; CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. OMISSIONS OR ERRORS ON THE DRAWINGS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT AND AFFECTED WORK SHALL NOT PROCEED UNTIL RESTORED BY THE ARCHITECT. SHOP DETAILS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION.

JACK J. McGARRITY
A.I.A./N.C.A.R.B.
ARCHITECT
8601 S.E. CAUSEY AVENUE
PORTLAND, OREGON 97266
PHONE (503) 652-0750
FAX (503) 652-1691

SHEET TITLE
BLAND CL. STREET AND WATER PLAN AND PROFILE

PROJECT NO. GEN001
DATE: 5/1/97

SHEET NO.
C-9
OF SHEETS

2. BLAND CIRCLE PLAN, PROFILE AND WATERLINE ADDITION
1. REVISIONS PER CITY OF WEST LINN REVIEW
0. REVISIONS PER CITY OF WEST LINN REVIEW 10/29/97

W R G DESIGN INC.
10450 SW Nimbus Ave., Portland, Oregon 97223
☎ 503|603-9933 FAX: 503|603-9944
PLANNERS ■ ENGINEERS ■ LANDSCAPE ARCHITECTS ■ SURVEYORS