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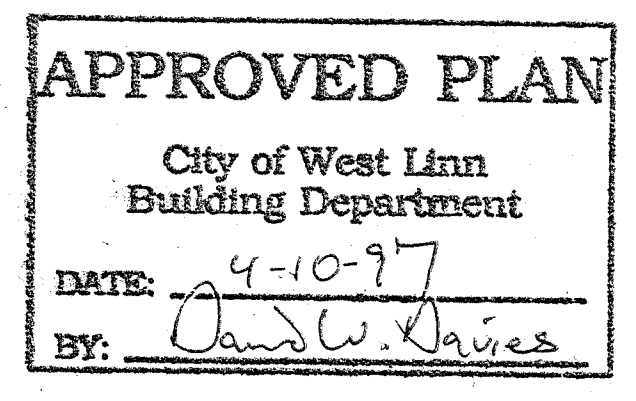
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THIS PLAN REVIEW APPROVAL
DOES NOT PREVENT THE FIELD
INSPECTOR FROM REQUIRING
FURTHER CODE CORRECTIONS.

ABBREVIATIONS:

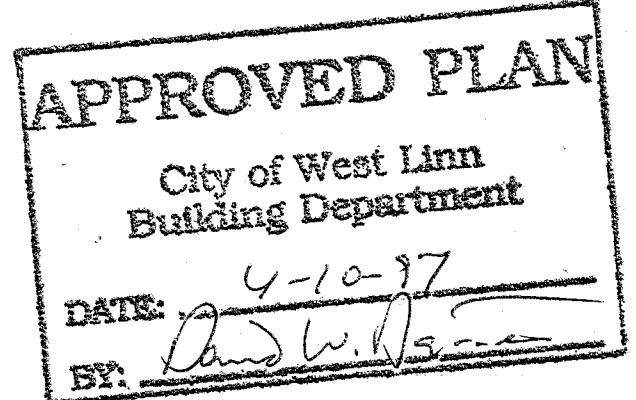
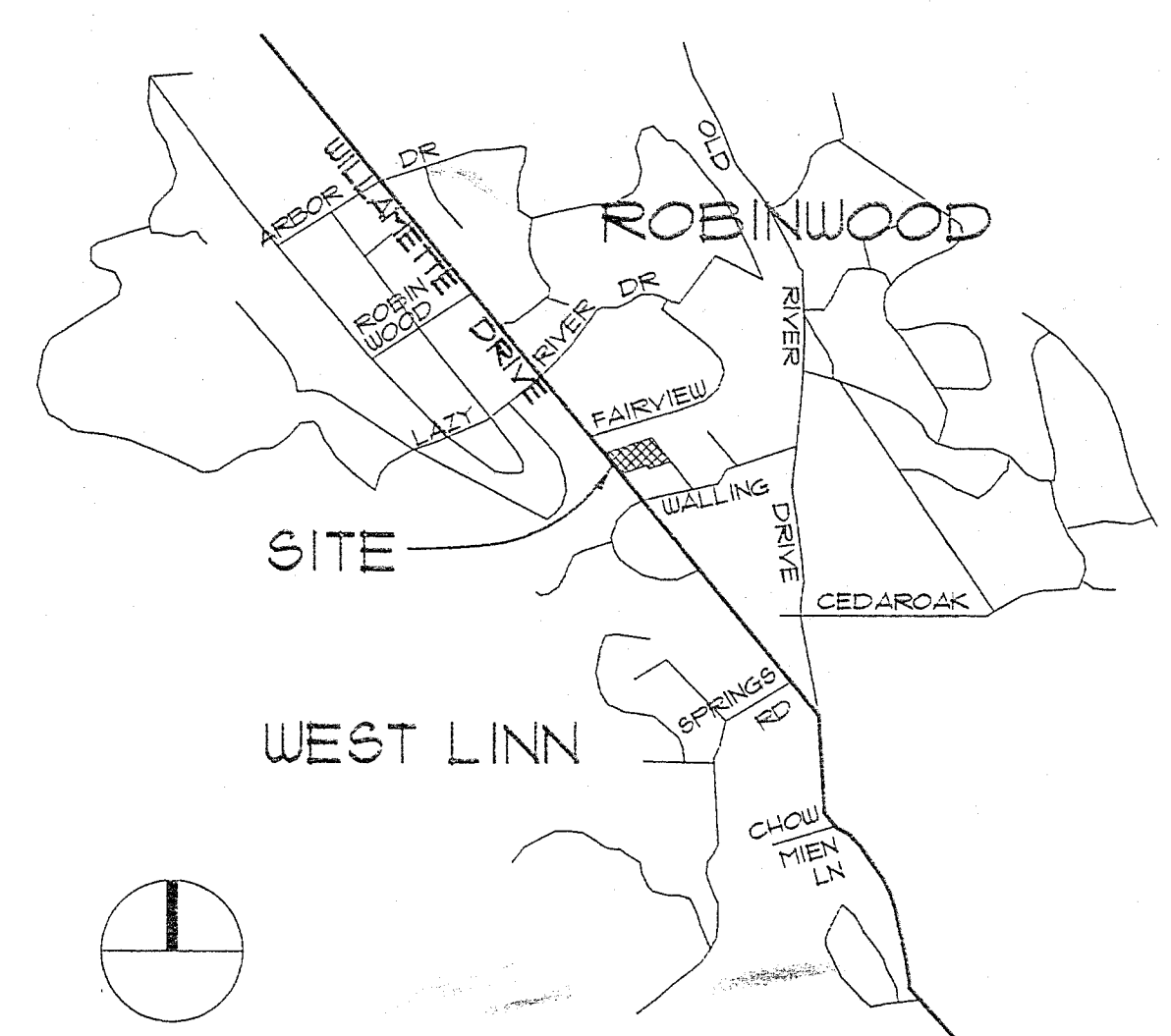
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|----------|-------------------------------------|--------------|----------------------------------|-----------------|----------------------------|
| A.F.F. | Above Finish Floor | F.H.C. | Fire Hose Cabinet | P.LAM. | Plastic Laminated |
| ADJUST. | Adjustable | F.R.T. | Fire Retardant Treated | P.L. | Plate |
| A.C.T. | Acoustical Ctg. Tile | PPRF. | Fireproof | P.W.D. | Plywood |
| ADJ. | Adjust, Adjustable | FIXT. | Fixture | P.T. | Point |
| AGG. | Aggregate | F.B. | Flat Bar | P.P. | Power Pole |
| AL. | Aluminum | F.H. | Flat Head | PRCST. | Precast |
| A.S. | Anchor Bolt | FL. | Floor | PREFIN. | Prefinished |
| APPROX. | Approximately | F.D. | Floor Drain | P.T. | Pressure Treated |
| ARCH. | Architectural | F.O. or Feet | Foot or Feet | P/L | Property Line |
| A.D. | Area Drain | Footing | Footing | PREFIN. | Prefinished |
| ASPH. | Asphalt | FDN. | Foundation | R.O.RAD. | Radius |
| A.C. | Asphalt Concrete | F.T.C. | Full Size, Scale | REF. | Reference |
| BM. | Benchmark | F.O.I.C. | Furnished by Owner, | REFR. | Refrigerator |
| BLUM. | Blum | F.O.I.C. | Installed by Contractor | REIN. | Reinforced |
| BLK. | Block | FUR. | Furring | REIN. | Reinforced |
| BLKG. | Blocking | FUT. | Future | RES. | Resilient |
| BD. | Board | GALV. | Galvanized | RISER(S) | Riser(s) |
| BOT./BTM | Bottom | G.I. | Galvanized Iron | R.D. | Roof Drain |
| B.W. | Bottom of Wall | G.D. | Garbage Disposal | R.O. | Room |
| B.C. | Bottom of Curb | GA. | Gauge | R.O. | Rough Opening |
| B.W. | Bottom of Wall | GLU-LAM | Glu-Laminated | S.G.L. | Safety Glass |
| B.LDG. | Building | GL. | Glass | S.N.D. | Sanitary Napkin Dispenser |
| CAB. | Cabinet | GL. | Glass | S.N.R. | Sanitary Napkin Receptacle |
| C.F.T. | Carpet | G.B. | Grip Bar | SCHED. | Schedule |
| C.I. | Cast Iron | GR. | Grade | S.C.D. | Section |
| C.I.P. | Cast in Place | GND. | Ground | SECT. | Section |
| C.B. | Catch Basin | GYP.BD. | Gypsum Wallboard | S.S. | Sheet |
| C.B. | Ceiling | GYP.BD./WR. | Gypsum Wallboard/Water Resistant | S.S. | Sheet |
| CEM. | Cement | GYP. | Gypsum | SHT. | Sheet |
| CTR. | Center | HDWE. | Hardware | SHR. | Shower |
| CL. | Ceramic Tile | HT. | Height | SIM. | Similar |
| CLR. | Clear | H.C. | Hollow Core | S.O.G. | Slab on Grade |
| CLO. | Closer | H.C.P. | Hollow Core Plank | S.D. | Slope Dispenser |
| COL. | Column | H.M. | Hollow Metal | S.C. | Solid Core |
| CONC. | Concrete | HORIZ. | Horizontal | SQ. | Square |
| CMU. | Conc. Masonry Units | H.B. | Hour | S.F. | Square Feet |
| COND. | Condition | HR. | Hour | S.F. | Square Feet |
| CONSTR. | Construction | I.D. | Inside Diameter (Dim.) | S&V. | Stain and Varnish |
| CONTR. | Continuous | INSUL. | Insulation | STD. | Standard |
| C.J. | Control Joint | INT. | Interior | STL. | Steel |
| CORR. | Corridor | JAN. | Janitor | STOR. | Storage |
| CNTR. | Counter | JT. | Joint | STR. | Structural |
| CTSK. | Countersink | K.D. | Kiln Dried | S.W. | Symmetrical |
| DEPT. | Department | KIT. | Kitchen | SYS. | System |
| DET. | Detail | K.D.N. | Knock Down | TEL. | Telephone |
| DA. | Diameter | LAV. | Lavatory | T.V. | Television |
| DM. | Dimension | LT. | Light | THK. | Thick |
| DW. | Dishwasher | LKR. | Locker | TOL. | Toilet |
| DISP. | Disposal (Garbage) | MACH. | Machine | T.P.D. | Toilet Paper Dispenser |
| DR. | Door | M.B. | Machine Bolt | T&G | Tongue and Groove |
| DN. | Down | MFR. | Manufacturer | Top of Curb | Top of Curb |
| DS. | Downspout | M.O. | Masonry Opening | Top of Pavement | Top of Pavement |
| DWR. | Drawing | MAX. | Maximum | Top of Plate | Top of Plate |
| DWG. | Drawing | MECH. | Mechanical | T.W. | Top of Wall |
| D.F. | Drinking Fountain | MECH. | Mechanical | TYP. | Typical |
| EA. | Each | MDO. | Medium Density Overlay | UNF. | Unfinished |
| E.S. | Each Side | MEMB. | Membrane | U.O.N. | Unless Otherwise Noted |
| E.W.C. | Electric Water Cooler | MET. | Metal | UR. | Urinal |
| ELEC. | Electrical | MIN. | Minimum | V.P. | Veneer Plaster |
| EL. | Elevation | MISC. | Miscellaneous | V.V. | Verify |
| ELEV. | Elevator | MTD. | Mounted | V.G. | Vertical Grain |
| EMER. | Emergency | MUL. | Mullion | VEST. | Vestibule |
| ENCL. | Enclosure | NOM. | Nominal | V.C.T. | Vinyl Composition Tile |
| EQPT. | Equipment | N. | North | V.W.C. | Vinyl Wall Covering |
| EXIST. | Existing | N.C.T. | Not in Contract | W.C. | Wallcovering |
| EXP. | Expansion | N.T.S. | Not to Scale | W.C. | Water Closet |
| EXP. | Expansion Joint | OBS. | Obscure | W.H. | Water Heater |
| EXPO. | Exposed | O.C. | On Center | WP. | Waterproof |
| EXT. | Exterior | OPNG. | Opening | WT. | Weight |
| E.I.F.S. | Exterior Insulation & Finish System | OPP. | Opposite | W. | West |
| F.O.C. | Face of Concrete | O.H. | Opposite Hand | WDW. | Window |
| F.O.F. | Face of Finish | O.D. | Outside Diameter (Dim.) | W/O | Without |
| F.O.M. | Face of Masonry | PR. | Pair | W.D. | Wood |
| F.O.S. | Face of Studs | P.T.D. | Paper Towel Dispenser | W.W.F. | Woven Wire Fabric |
| FIN. | Finish | P.T.D./R | Paper Towel Disp & Recept | W. | Wet |
| FIN. | Finish | P.T.R. | Paper Towel Receptacle | W. | Wet |
| F.F. | Finish Floor | PART.BD. | Particle Board | W. | Wet |
| F.F. | Finish Floor Elevation | PERF. | Perforated | W. | Wet |
| FA. | Fire Alarm | PLAS. | Plaster | W. | Wet |
| F.E. | Fire Extinguisher | | | W. | Wet |
| F.E.C. | Fire Extinguisher Cab | | | W. | Wet |

BUILDING DATA:

| | |
|---|--|
| PROJECT NAME | WestLinn Retail (CedarOak Retail Building) |
| ADDRESS | Willamette Drive (Oregon Hwy 43) |
| LOCATION | West Linn, Oregon 97068 |
| CODE | UNIFORM BUILDING CODE, 1994 ED. OREGON ED. 1996 |
| OCCUPANCY | A B E F H I M R S U |
| DIVISION | 1 2 3 4 5 6 7 |
| CONSTRUCTION | TYPE I TYPE II TYPE III TYPE IV TYPE V TYPE VI |
| COMBUSTIBLE | NON-COMBUSTIBLE |
| FIRE-RESISTIVE | 1-HOUR 2-HOUR 3-HOUR 4-HOUR 5-HOUR 6-HOUR 7-HOUR 8-HOUR 9-HOUR 10-HOUR 11-HOUR 12-HOUR |
| SEISMIC ZONE | 1 2 3 4 |
| SITE SIZE | 55,711.5 / 1.27 SQ. FT. / ACRES |
| MAX. ALLOWABLE FLOOR AREA | 8,000 SQ. FT./FLOOR |
| APPLICABLE AREA INCREASE | 3-5% 17.5 x 2 1/2 % = 43.75% increase 8000 = 3500 increase 1500 allowable |
| TOTAL PROJECT FLOOR AREA | 11,500 SQ. FT./FLOOR |
| MAX. ALLOWABLE HEIGHT (UBC) | 40 FEET |
| PARKING MIN. | for DISABLED 3 VEHICLE SPACES |
| WALL & OPENING PROTECTION BASED ON LOCATION ON PROPERTY | |
| FIRE RESISTANCE OF EXT. WALLS | ONE HOUR(S) LESS THAN 20 FEET |
| OPENINGS IN EXTERIOR WALLS | PROTECTED LESS THAN 10 FEET |
| OCCUPANT LOAD | 11,500 S.F. DIVIDED BY 10 S.F./OCCUP. = 1150 OCCUPANTS |
| STRUCTURAL CRITERIA | |
| ROOF LOAD | 25 PSF |
| FLOOR LOAD | 115 PSF |
| WIND LOAD | 80 MPH EXPOSURE B |
| SNOW LOAD | 25 PSF |
| FROST LEVEL | 18 INCHES DESIGN DEPTH |
| ZONING | |
| LAND USE ZONING | GC |
| USE | GENERAL COMMERCIAL |
| SETBACKS | FRONT 0 FEET |
| SIDE | INTERIOR 7.5 @ RES. 0 @ COMM. FEET |
| REAR | CORNER 20 FEET |
| MAX. ALLOWABLE HEIGHT (ZONING) | 2.5 STORY(IES) 35 FEET |
| PARKING | MIN 1 / 200 SF VEHICLE SPACES / BUILDING SIZE |
| LANDSCAPE | MIN 20 % |

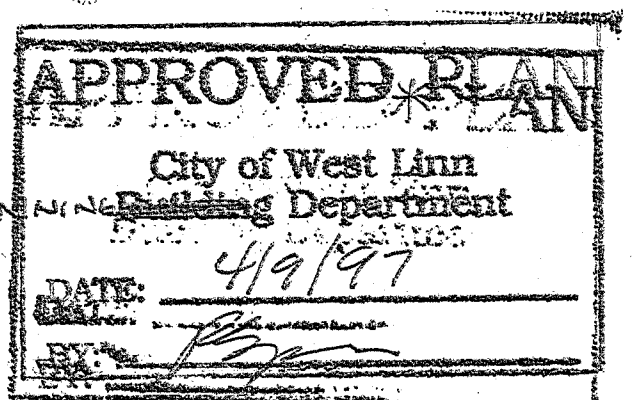
NOTE 3/2016:
THESE DRAWINGS WERE FOUND IN BUILDING
DEPARTMENT FILES 1ST FLOOR CITY HALL
AND MARKED:
WEST LINN RETAIL CEDAR OAK
SCANNER SETTINGS:
FORMAT: PDF, COMPRESSION: MAX
RESOLUTION: HIGH (300 DPI)
COLOR: BLACK AND WHITE,
CONTENT TYPE: MIXED
ORIGINAL PAPER TYPE: OLD/RECYCLED PAPER
BACKGROUND REMAL: 6
ONLY COVER PAGE AND PRIVATE STORMWATER
FACILITY PAGES WERE SCANNED.
ADDITIONAL BUILDING DRAWINGS ARE INCLUDED
IN THE ORIGINAL SET, BUT NOT INCLUDED IN THIS
SCANNED SET. THE ORIGINAL DRAWING
WERE RETURNED TO THE BUILDING DEPT AND
WERE NOT RETAINED BY WEST LINN GIS.
KAHA

VICINITY MAP:



SHEET INDEX:

- C6 COVER SHEET
- C1 GRADING, DRAINAGE & UTILITY PLAN
- C2 RETAINING WALL DESIGN
- C3 EROSION CONTROL PLAN
- A1.1 SITE PLAN
- A1.2 SITE DETAILS
- A2.1 FLOOR PLAN
- A2.2 ROOF PLAN
- A3.1 EXTERIOR ELEVATIONS
- A3.2 NOT USED
- A4.1 BUILDING SECTIONS
- A4.2 WALL SECTIONS
- A7.1 INTERIOR DETAILS
- A7.2 WALL TYPES / CEILING DETAILS / DETAILS
- A7.3 DETAILS
- S1 FOUNDATION DETAILS & STRUCTURAL NOTES
- S2 FOUNDATION/FLOOR FRAMING PLAN
- S3 STRUCTURAL DETAILS
- E1 SITE LIGHTING PLAN
- L1 PLANTING PLAN
- L2 PLANTING AND IRRIGATION DETAILS
- L3 IRRIGATION PLAN LIMITS



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West Linn
Oregon

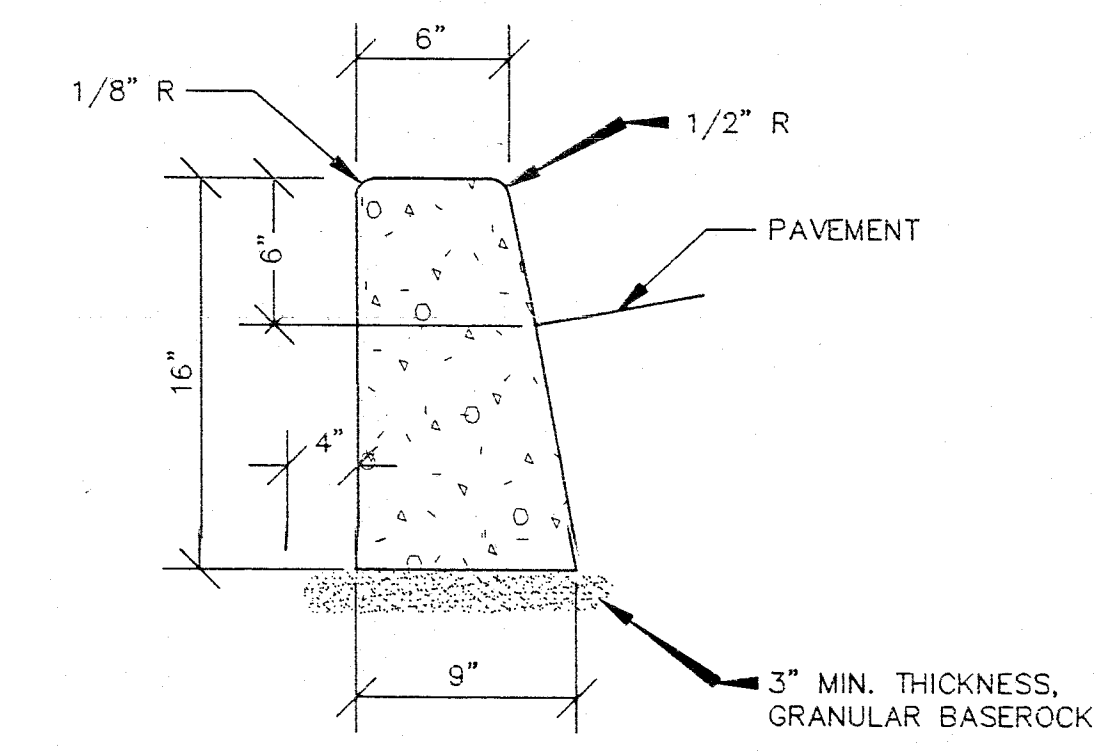
CedarOak Retail Building
COVER SHEET

REVISIONS

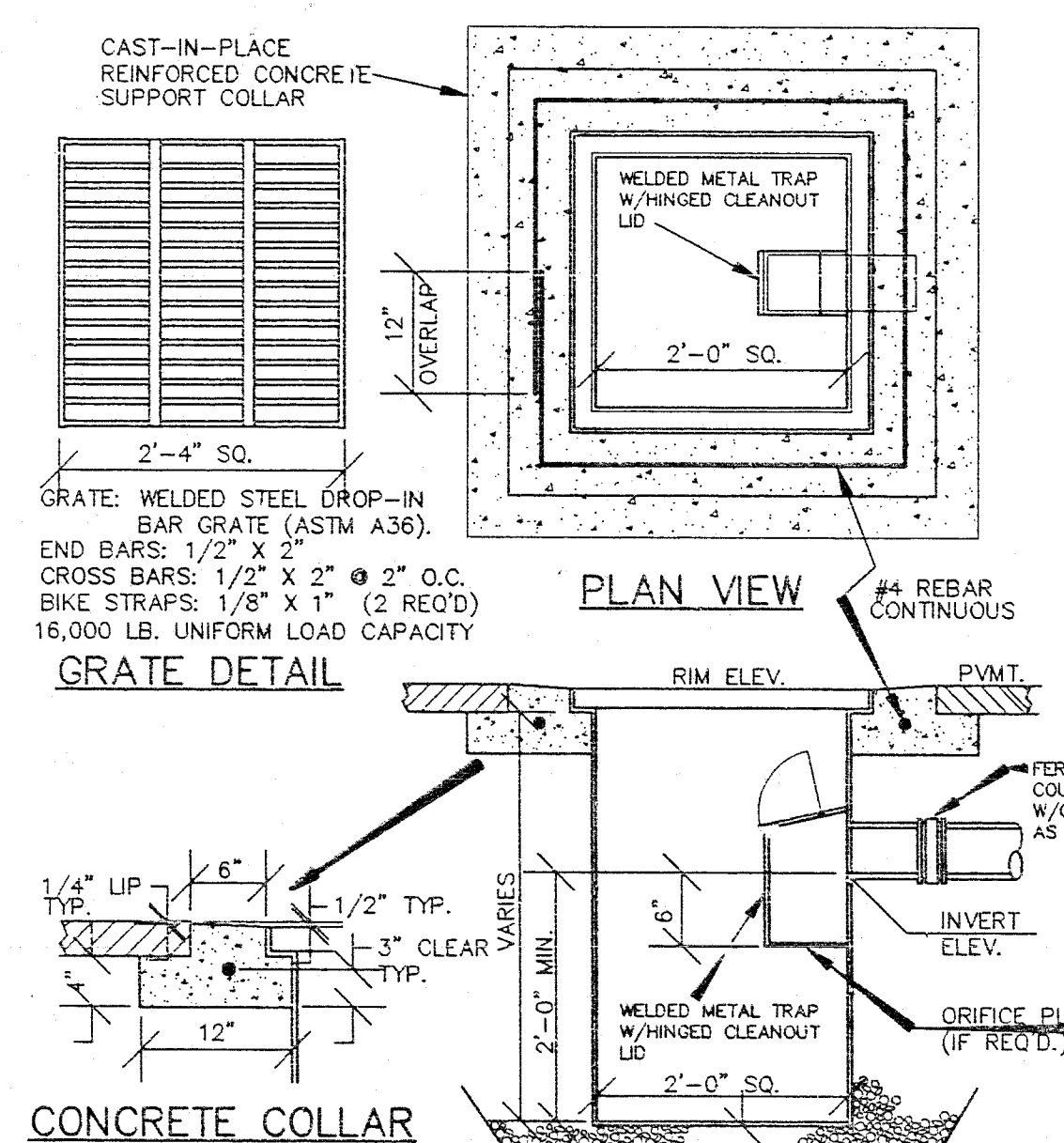
DATE 02/14/97
FILE CS
JOB 960800
DUNK C/K/M/E

CS

OF SHEETS



HIGHWAY 43



CONSTRUCT BASIN OF WELDED 1/4" STEEL. COAT ALL SURFACES WITH ASPHALTIC PAINT.

NOTES:

1. SEE CONSTRUCTION DRAWINGS FOR PIPE SIZE, LOCATION AND INVERT ELEVATION.
2. OUTLET: SIZE AS REQ'D. FOR INDICATED PIPE SIZE.
3. FOR JUNCTION BOX, REPLACE GRATE WITH 3/4" STEEL PLATE, BRIDGEMAN 12 IN. DIA. PLATE, CENTERED IN ONE END OF THE PLATE. WELD SHIMS TO RIM AS REQUIRED TO RAISE PLATE TO RIM ELEVATION.

Diagram illustrating the construction of a Class I manhole, showing the following components and dimensions:

- CONFORMANCE:** CLASS I - 92% OPTIMUM PER AASHTO T-160
CLASS III - 85% OPTIMUM PER AASHTO T-160
- SURFACE RESTORATION:** The top layer of the manhole.
- CLASS I 3/4" - 0" CRUSHED ROCK:** The layer immediately below the surface restoration.
- CLASS III EXCAVATED NATIVE MATERIAL:** The layer below the crushed rock.
- PIPE ZONE:** The area surrounding the pipe, defined by dimensions:
 - 12" MIN. ABOVE OUTSIDE OF PIPE BELL
 - 12" MIN. MAX. (on the right side)
 - 6" MIN. (on the left side)
 - 6" MIN. (on the right side)
 - 12" MAX. (on the left side)
 - 12" MAX. (on the right side)
- PIPE EMBEDMENT:** The pipe is embedded in a layer of material, defined by dimensions:
 - 3/4" - 0" GRANULAR MATERIAL
 - 3/4" - 0" GRANULAR MATERIAL
- 6" MIN BEDDING BELOW PIPE:** The layer below the pipe embedment.
- 24" MIN. CH FOUNDATION UTILIZATION, AS REQUIRED:** The base layer of the manhole.
- COMPACTED:** The area to the right of the manhole structure.
- GROUND SURFACING TAPE (FOR SEWER, STORM PROPPRIATE):** The layer on the left side of the manhole.

NOTES:

1. CLASS I REQ'D. UNDER ALL EXIST. OR FUTUR
IMPROVED AREAS INCLUDING SIDEWALKS.

GENERAL NOTES:

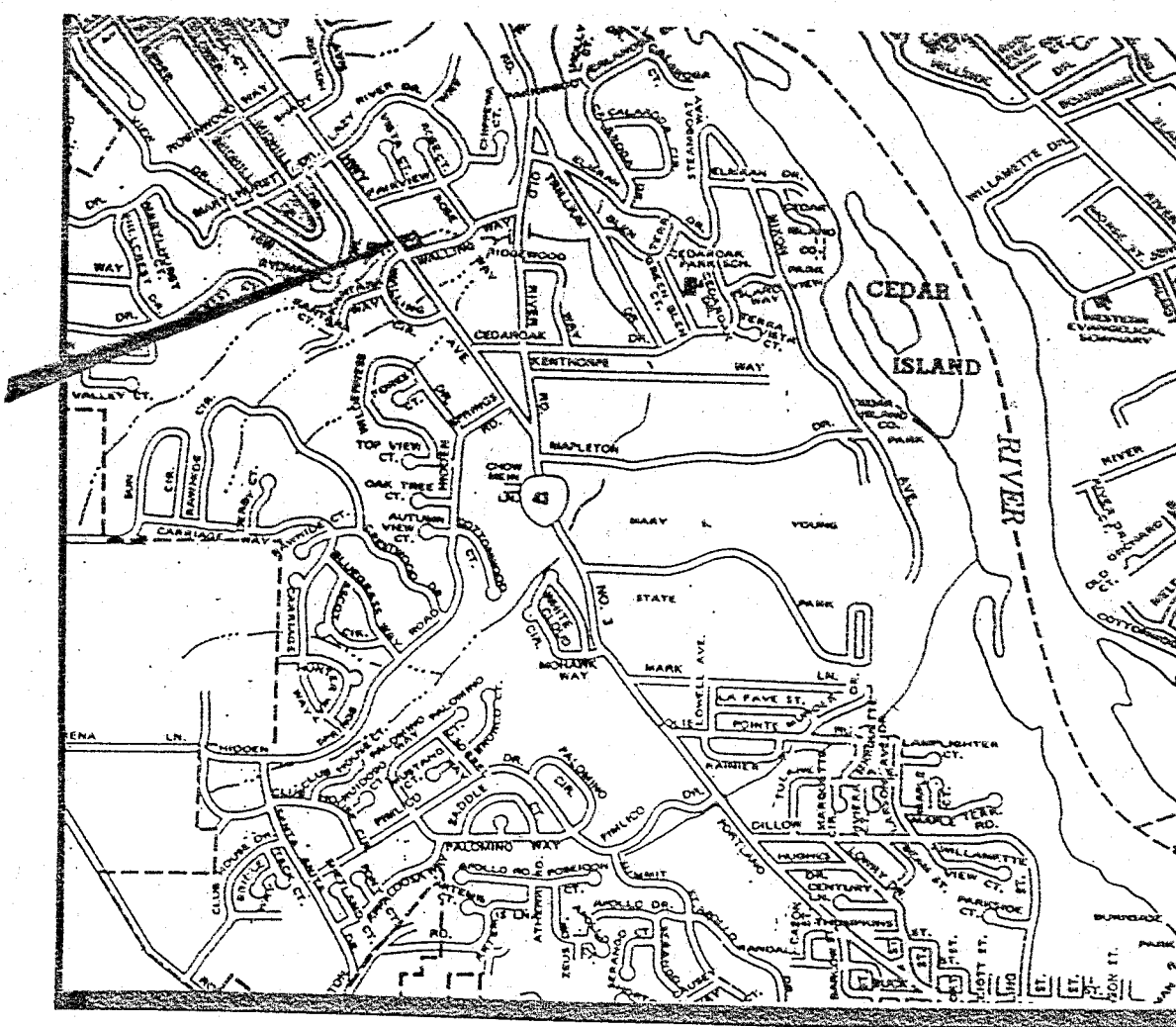
1. CONTRACTOR SHALL PROCURE AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF WEST LINN.
2. CONTRACTOR SHALL PROCURE A RIGHT-OF-ENTRY PERMIT FROM ODOT STATE HIGHWAY DIVISION FOR ALL WORK WITHIN THE STATE RIGHT-OF-WAY AND CONFORM TO ALL CONDITIONS OF THE PERMIT.
3. CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AGENCY HAVING JURISDICTION.
4. CONTRACTOR TO NOTIFY CITY, ODOT AND ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START OF CONSTRUCTION, AND COMPLY WITH ALL OTHER REQUIREMENTS OF ORS 757.541 TO 757.571.
5. ALL MATERIALS AND WORKMANSHIP FOR PUBLIC FACILITIES SHALL CONFORM TO THE CITY AND ODOT STANDARD CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION.
6. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER CITY AND ODOT REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AMENDMENTS).
7. THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SITE AT ALL TIMES WHEREON HE WILL RECORD ANY APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE ENGINEER UPON REQUEST.
8. UPON COMPLETION OF CONSTRUCTION OF FACILITIES, CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD DRAWINGS CONTAINING ALL AS-BUILT INFORMATION TO THE OWNER.
9. THE CONTRACTOR SHALL SUBMIT A SUITABLE MAINTENANCE BOND PRIOR TO FINAL PAYMENT WHERE REQUIRED BY PUBLIC AGENCIES HAVING JURISDICTION.
10. SEE ARCHITECTURAL DRAWINGS FOR SITE LIGHTING, SITE DIMENSIONING AND CONTINUATION OF ALL UTILITIES.

EXISTING UTILITIES & FACILITIES:

11. THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS OR CONNECT. CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO CONSTRUCTION. ALL UTILITY CROSSINGS SHALL BE POTHOLED AS NECESSARY PRIOR TO EXCAVATING OR BORING TO ALLOW THE CONTRACTOR TO PREVENT GRADE OR ALIGNMENT CONFLICTS.
13. ALL EXISTING FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO LEAVE EXISTING FACILITIES IN AN EQUAL OR BETTER-THAN-ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER.

GRADING, PAVING & DRAINAGE:

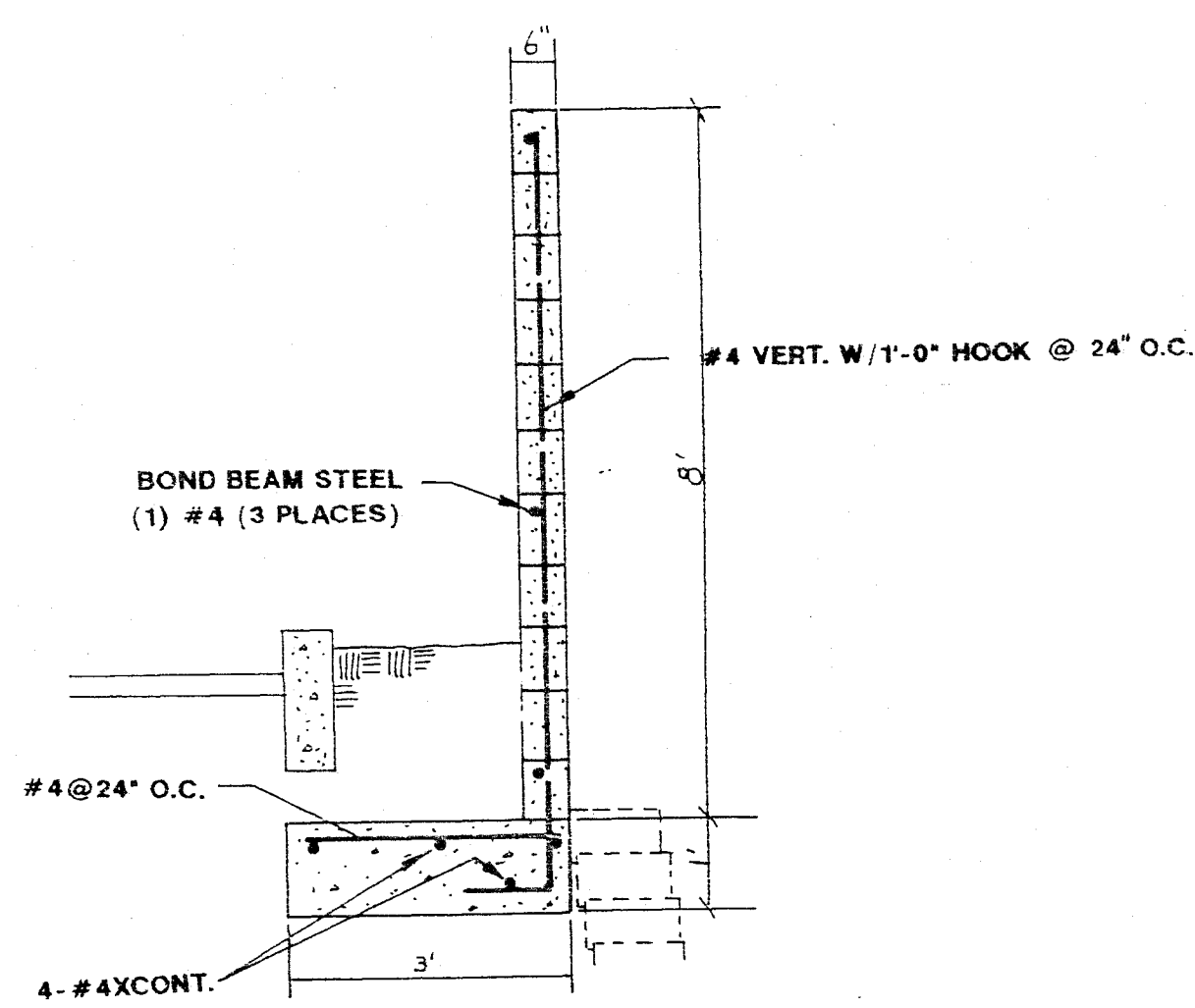
14. CONTRACTOR TO REVIEW SOILS REPORT PREPARED BY AGI TECHNOLOGIES, AND CONFORM TO ALL RECOMMENDATIONS LISTED IN THE REPORT.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO INSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS.
16. UNLESS OTHERWISE NOTED, ALL GRADING, ROCKING AND PAVING TO CONFORM TO OSHD STANDARD SPECIFICATIONS, 1991 EDITION.
17. STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER WHICH CANNOT BE COMPACTED INTO A STABLE MASS. ALL TREES, BRUSH AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE.
18. IMMEDIATELY FOLLOWING FINE GRADING OPERATIONS, COMPACT SUBGRADE TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD. SUBGRADE MUST BE INSPECTED AND APPROVED PRIOR TO PLACING EMBANKMENTS OR BASE ROCK.
19. FILLS SHALL BE CONSTRUCTED IN 6" LIFTS. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD.
20. CRUSHED ROCK SHALL CONFORM TO THE REQUIREMENTS OF SECTION 02630 (BASE AGGREGATE) OSHD STANDARD SPECIFICATIONS. COMPACT TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD.
21. UNLESS OTHERWISE SHOWN, 6-INCHES NOMINAL CURB EXPOSURE USED FOR DESIGN OF ALL PARKING LOT AND STREET GRADERS.

VICINITY MAP

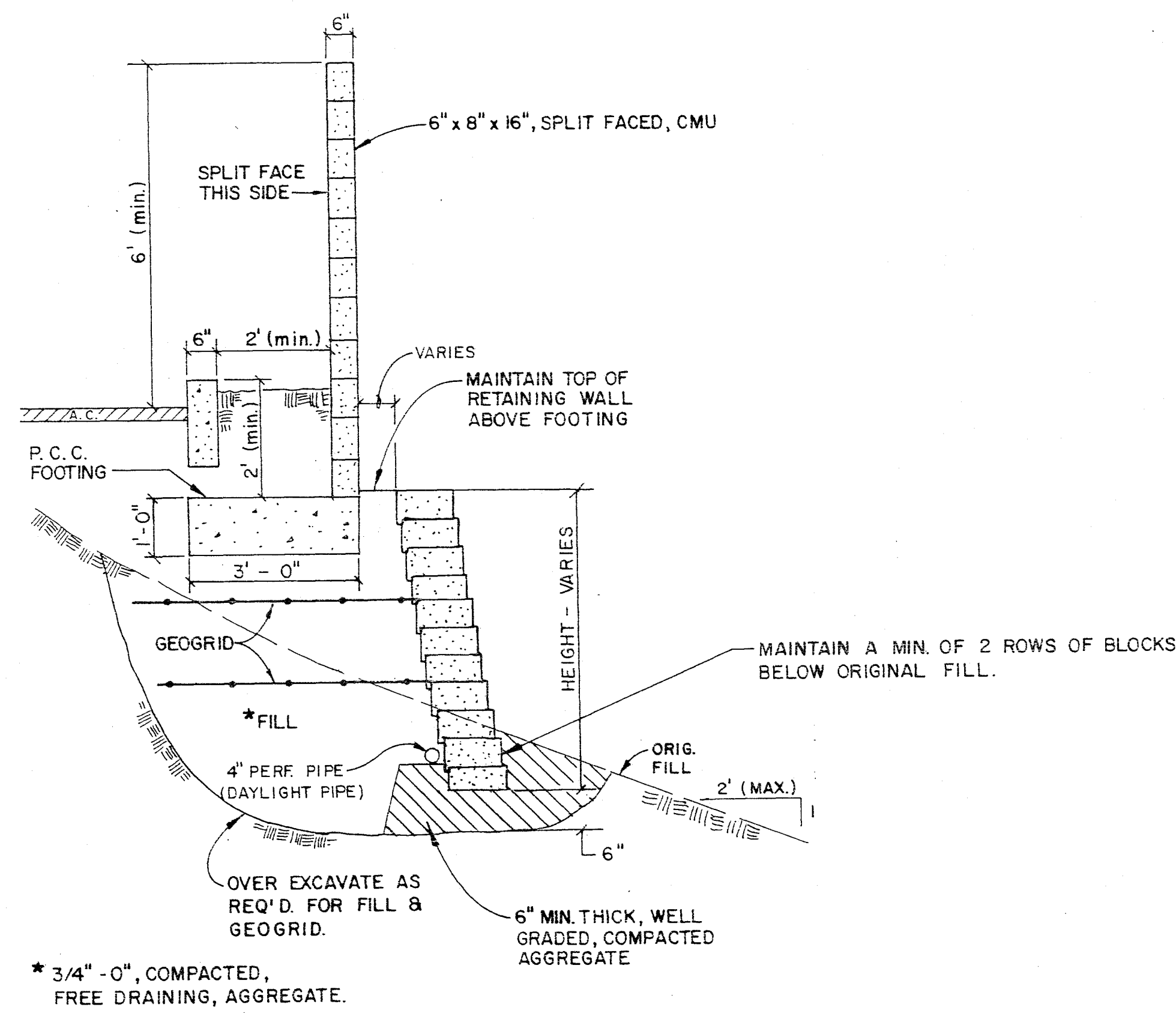
22. A.C. PAVEMENT SHALL CONFORM TO SECTION 07045 (ASPHALT CONCRETE PAVEMENT) OSDH STANDARD SPECIFICATIONS FOR STANDARD DUTY MIX. A.C. PAVEMENT SHALL BE COMPACTED TO A MINIMUM OF 91% OF MAXIMUM DENSITY AS DETERMINED BY THE RICE STANDARD METHOD.
 23. ALL PLANTER AREAS SHALL BE BACKFILLED WITH APPROVED TOP SOIL MINIMUM 8" THICK. STRIPPING MATERIALS SHALL NOT BE USED FOR PLANTER BACKFILL.
 24. ALL CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK OR LANDSCAPED AREA WHEREIN THEY LIE.
 25. CONTRACTOR SHALL HYDROSEED ALL EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.
- PIPED UTILITIES:
26. CONTRACTOR SHALL COORDINATE AND PAY ALL COSTS ASSOCIATED WITH CONNECTING TO EXISTING WATER AND SANITARY SEWER FACILITIES.
 27. ALL PIPES SHALL BE BEDDED WITH MINIMUM 6-INCHES OF 3/4" MINUS CRUSHED ROCK BEDDING AND BACKFILLED WITH COMPACTED 3/4" MINUS CRUSHED ROCK IN THE PIPE ZONE (CRUSHED ROCK SHALL EXTEND A MINIMUM OF 12-INCHES OVER THE TOP OF THE PIPE IN ALL CASES). CRUSHED ROCK TRENCH BACKFILL SHALL BE USED UNDER ALL IMPROVED AREAS.
 28. ALL NON-METALLIC WATER, SANITARY AND STORM SEWER PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GA COPPER TRACER WIRE THE FULL LENGTH OF THE INSTALLED PIPE USING BLUE WIRE FOR WATER AND GREEN FOR STORM AND SANITARY PIPING.
- WATER
29. CITY FORCES TO OPERATE ALL VALVES ON EXISTING PUBLIC MAINS.
 30. WATER SERVICE PIPE SHALL BE TYPE K 2 INCH SOFT COPPER TUBING CONFORMING TO ASTM B 88.
 31. DOMESTIC AND FIRE BACKFLOW PREVENTION DEVICES AND VAULTS SHALL CONFORM TO REQUIREMENTS OF PUBLIC AGENCY HAVING JURISDICTION.
- SANITARY AND STORM SEWER
32. UNLESS OTHERWISE SHOWN, SANITARY SEWER PIPE SHALL BE PVC IN CONFORMANCE WITH ASTM D-3034, SDR 35. ALL OTHER APPEARANCES AND INSTALLATION TO CONFORM TO THE CITY SPECIFICATIONS.
 33. CATCH BASINS SHALL BE SET SQUARE WITH BUILDINGS OR WITH THE EDGE OF THE PARKING LOT WHEREIN THEY LIE.
 34. UNLESS OTHERWISE NOTED OR SHOWN, STORM SEWER PIPE MATERIALS TO CONFORM TO THE TABLE BELOW. CONTRACTOR SHALL USE UNIFORM PIPE MATERIAL ON EACH PIPE RUN BETWEEN STRUCTURES UNLESS OTHERWISE DIRECTED OR APPROVED.

| | |
|------------------------|---|
| COVER DEPTH | 8" - 16" DIAMETER |
| LESS THAN 1' COVER | CLASS 55 DUCTILE IRON PIPE WITH BELL & SPIGOT JOINTS AND RUBBER GASKETS. |
| 1-1/2' TO 2-1/2' COVER | PIPE SPECIFIED FOR LESSER COVER DEPTHS -OR- CLASS 3 ASTM C-14 NON-REINFORCED CONCRETE PIPE WITH BELL & SPIGOT JOINTS AND RUBBER GASKETS. |
| 2-1/2' TO 15' COVER | PIPE SPECIFIED FOR LESSER COVER DEPTHS -OR- PVC PIPE CONFORMING TO ASTM D-3024 SDR 30 (8"-15") OR ASTM F-679 (16"-24") WITH BELL & SPIGOT JOINTS AND RUBBER GASKETS. -OR- HDD (HIGH DENSITY POLYETHYLENE) PIPE CONFORMING TO ASTM M-252 (18"-108") OR AUSTIN M-254 TYPE 5 (12"-18") WITH PRESSURE TESTABLE FITTINGS AND 2-INCH DIAMETERS CONFORMING TO ASTM F-1336 AND ASTM F-477 RESPECTIVELY. |

35. SWEEP STORM SEWER PIPE INTO CATCH BASINS AND MANHOLES AS REQUIRED.
 36. UNLESS OTHERWISE SHOWN OR DIRECTED, INSTALL STORM SEWER PIPE IN ACCORDANCE WITH MANHOLE DEPTH INSTALLATION GUIDELINES.
- PRIVATE UTILITIES
37. UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR APPROVED BY JURISDICTION HAVING AUTHORITY, ALL NEW PRIVATE UTILITIES (POWER, CABLE TV, TELEPHONE & GAS) SHALL BE INSTALLED UNDERGROUND. INSTALLATION OF PRIVATE UTILITIES IN A COMMON TRENCH WITH WATER, SANITARY SEWER OR STORM SEWER IS PROHIBITED.
 38. CONTRACTOR SHALL COORDINATE WITH POWER, TELEPHONE, AND CABLE TV COMPANY FOR LOCATION OF VAULTS, PEDESTALS, ETC. ABOVE-GRADE FACILITIES SHALL BE PLACED IN A LOCATION OUTSIDE THE PROPOSED SIDEWALK LOCATION.
 39. POWER, TELEPHONE AND TV TRENCHING AND CONDUITS SHALL BE INSTALLED PER UTILITY COMPANY REQUIREMENTS WITH PULL WIRE. CONTRACTOR SHALL VERIFY WITH UTILITY COMPANY FOR SIZE AND TYPE OF CONDUIT PRIOR TO CONSTRUCTION. ALL CHANGES IN DIRECTION OF UTILITY CONDUIT RUNS SHALL HAVE LONG RADIUS STEEL BENDS.
 40. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH PRIVATE UTILITIES FOR RELOCATION OF POWER POLES, VAULTS, ETC.



TYPICAL CMU WALL SECTION
[SPECIAL INSPECTION REQUIRED]



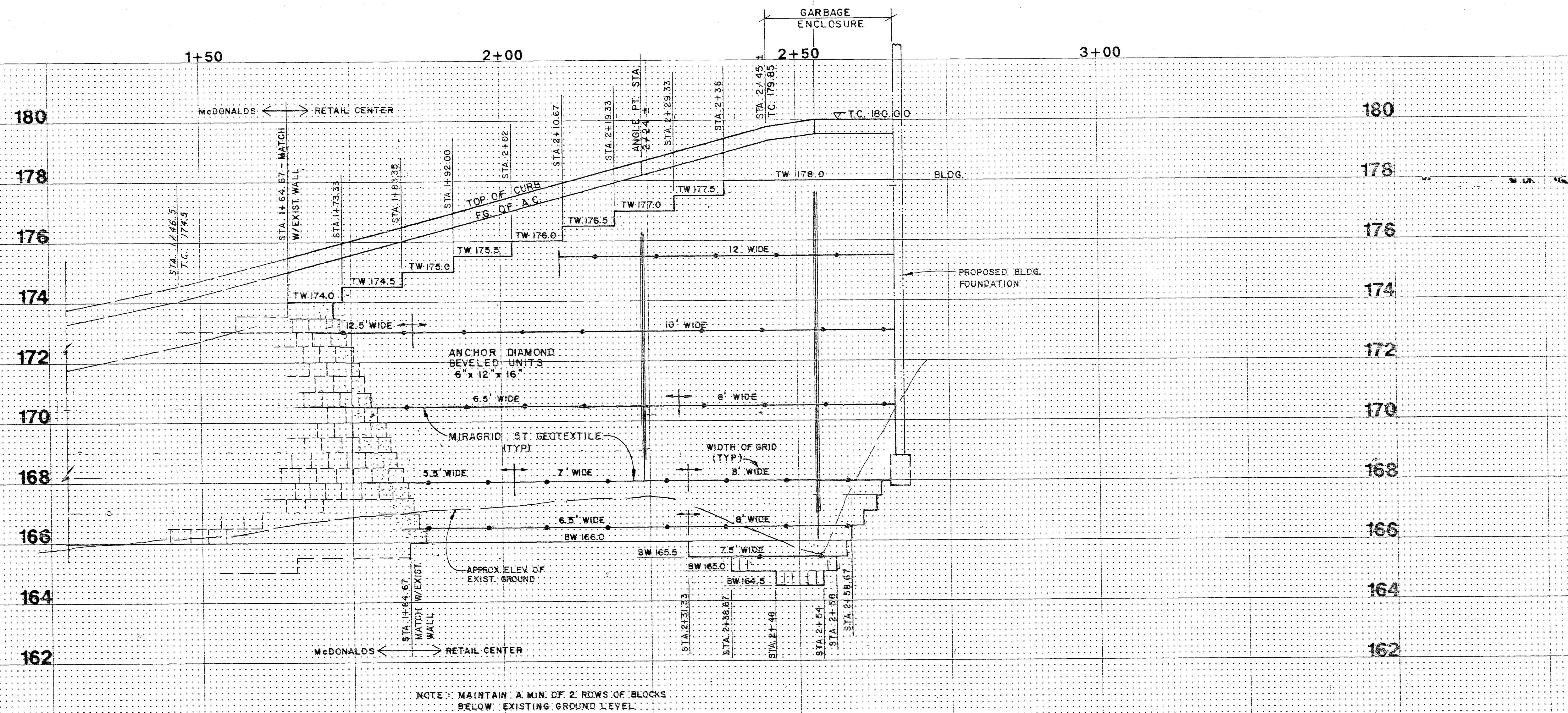
* SUBMIT SIEVE ANALYSIS OF PROPOSED FREE DRAINING
BACKFILL MATERIAL FOR REVIEW AND APPROVAL
7 DAYS PRIOR TO INSTALLATION OF WALL.

RETAINING WALL DETAIL

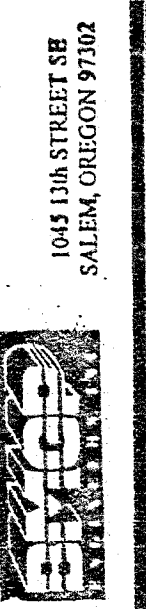
FREE DRAINING AGGREGATE GRADATION

| SIEVE SIZE | Percent Passing |
|------------|-----------------|
| 1" | 100-75 |
| 3/4" | 50-75 |
| No. 4 | 0-60 |
| No. 40 | 0-50 |
| No. 200 | 0-5 |

A 3/4" maximum aggregate of similar gradation is also acceptable.



NOTE: MAINTAIN A MIN. OF 2 ROWS OF BLOCKS
BELOW EXISTING GROUND LEVEL.



ANKROM MOISAN
ASSOCIATED ARCHITECTS

WESTCOE ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS

RETAIL CENTER WEST LINN, OR

RETAINING WALL

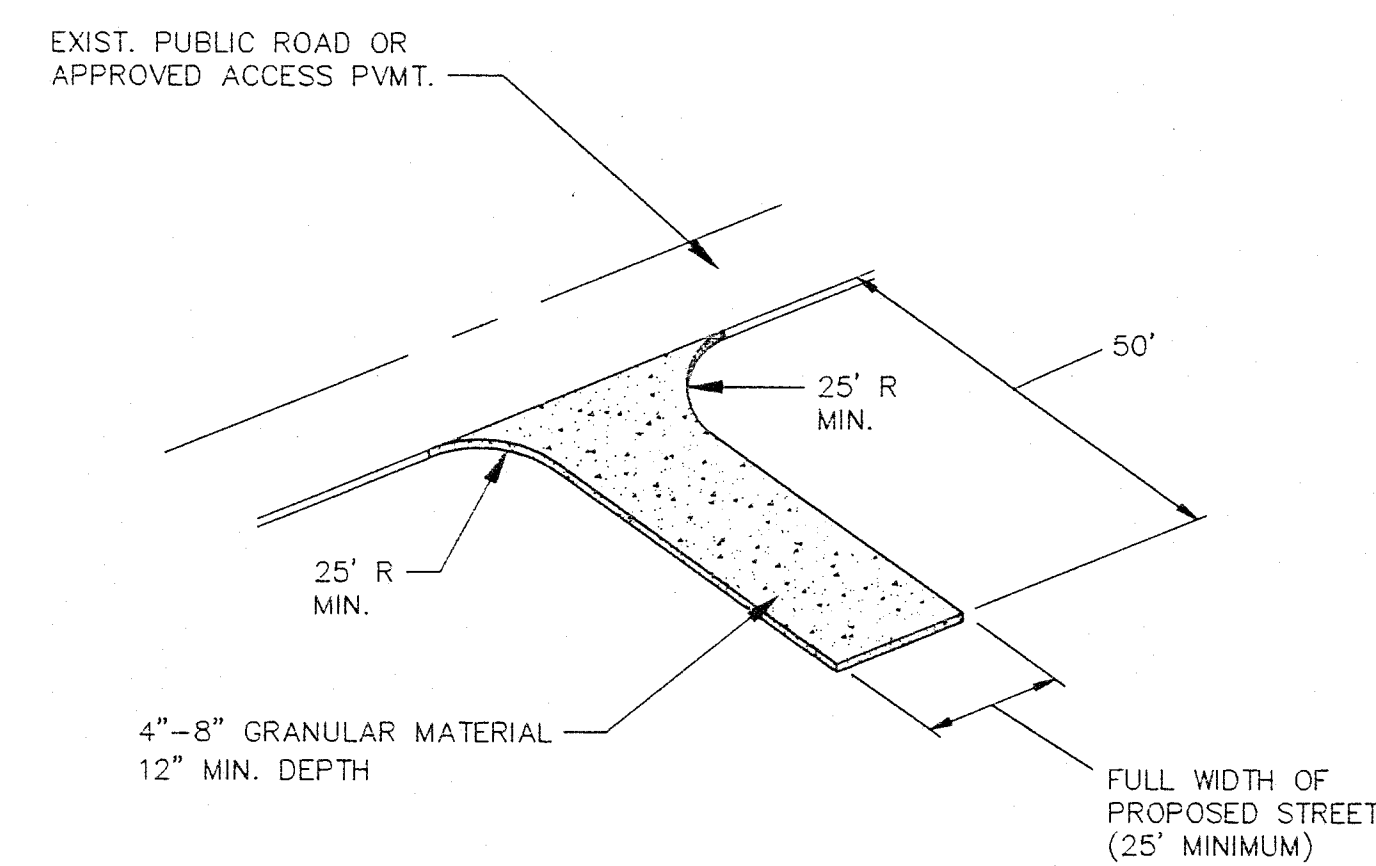
SHEET
C2 of 3
JOB NUMBER
1951.000.0

1000 N. STREET
SALIDA, OREGON 97138

1700 S.W. Mendenhall Street, Portland, Oregon 97219. 503/244-7100 FAX 503/244-7710

3427 25th St. S.E. Salem, OR. (503)586-2174

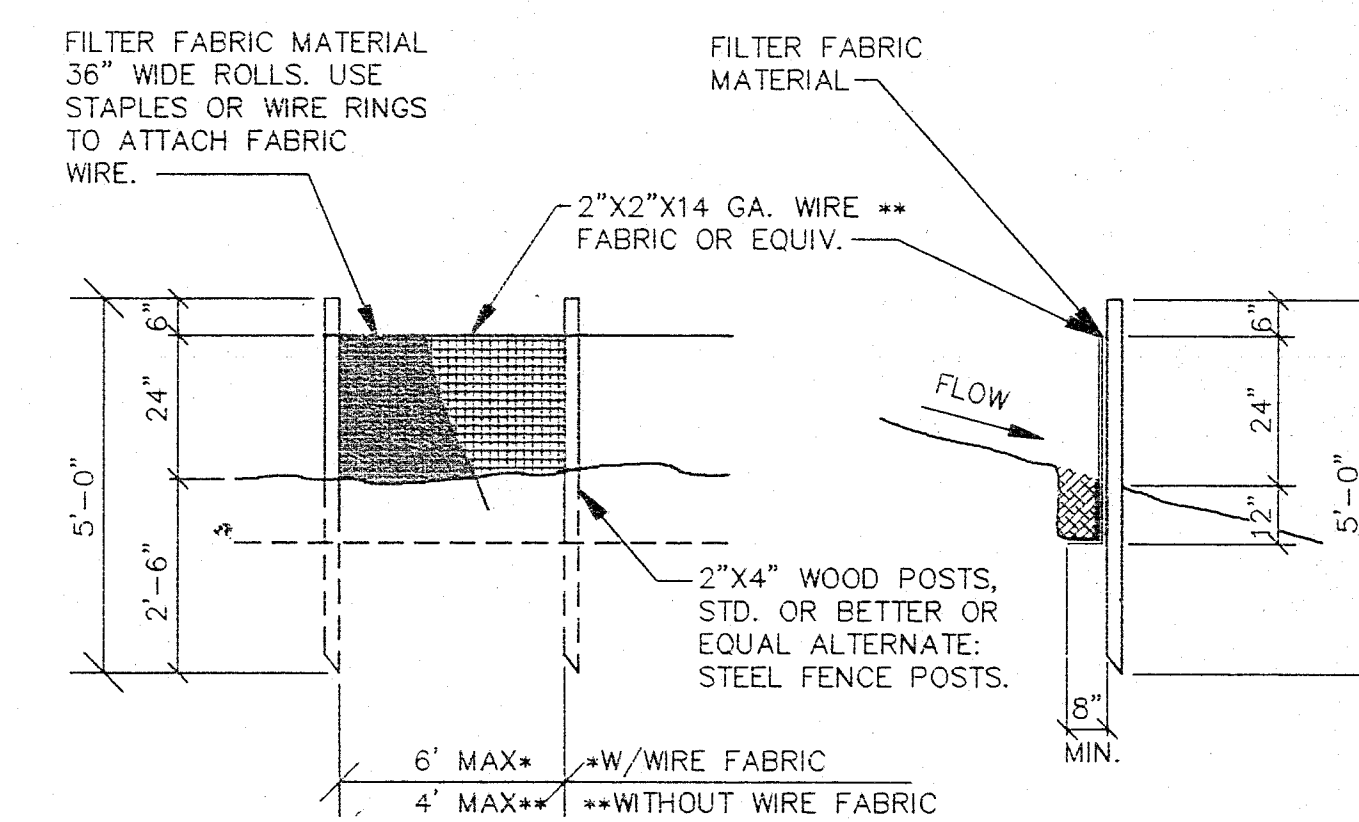
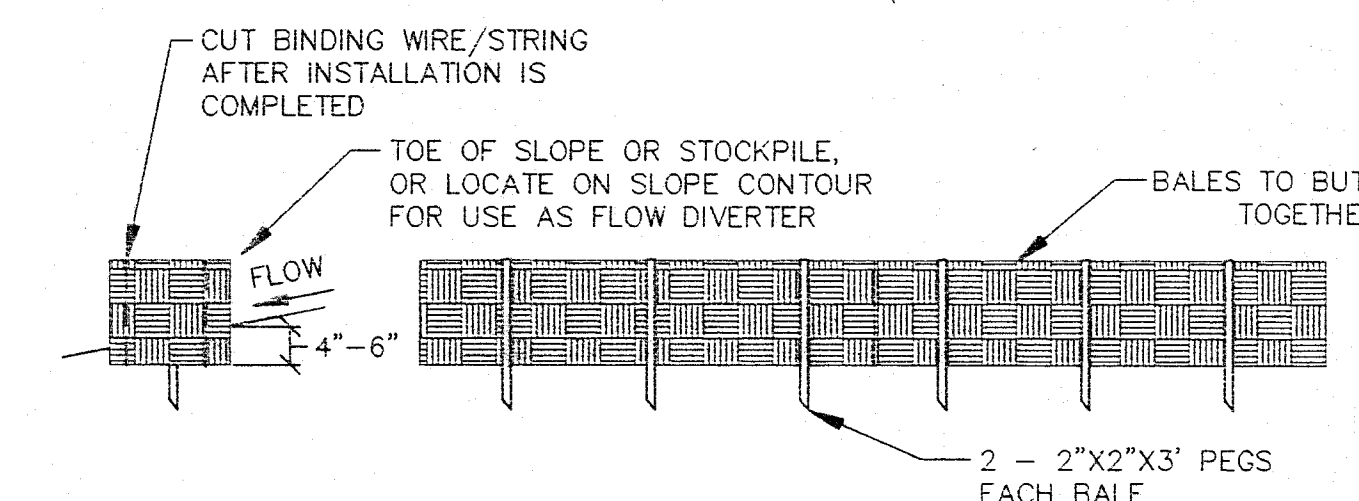
DATE: SEP 1998
NO. DATE
DESCRIPTION
REVISIONS



THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECT-IONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS.

THE ENTRANCE SHALL BE MAINTAINED IN A
CONDITION WHICH WILL PREVENT TRACKING
OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY.
MAY REQUIRE PERIODIC TOP DRESSING WITH
2-INCH STONE AS CONDITIONS DEMAND, AND
REPAIR AND/OR CLEANOUT OF ANY STRUCTURES
USED TO TRAP SEDIMENT. ALL MATERIALS
SPILLED, DROPPED, WASHED OR TRACKED FROM
VEHICLE ONTO ROADWAYS OR INTO STORM
DRAINS MUST BE REMOVED IMMEDIATELY.

GRAVEL CONSTRUCTION ENTRANCE

SEDIMENT FENCE

STRAW BALE OPTION

1. EMBED BALES 4"-6"
2. DRIVE STAKES MIN. 12" INTO GROUND SURFACE.
3. DRIVE STAKES FLUSH TO TOP OF BALES.
4. BURY BOTTOM OF FILTER FABRIC MATERIAL IN 8"x12" TRENCH.

SEDIMENT FENCE

1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO ANY DISTURBANCE CAUSED BY CLEARING OR GRADING AND SHALL CONFORM TO CITY REQUIREMENTS AND TO THE STANDARD DETAILS SPECIFIED ON THE SET OF PLANS. ALL EROSION CONTROL MEASURES, UNSTABILIZED INLETS AND CATCH BASINS ARE TO BE PROTECTED IMMEDIATELY UPON INSTALLATION. TEMPORARY SEEDING AND MULCHING OF FILL SLOPES AND DIVERSION DIKES SHALL BE COMPLETED WITHIN ONE WEEK AFTER ROUGH GRADING. DURING THE PERIOD FROM OCTOBER 1 TO APRIL 30, NO SOIL SHALL BE EXPOSED FOR PERIODS OF MORE THAN TWO DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOIL SHALL BE EXPOSED FOR MORE THAN SEVEN (7) DAYS.

A. PRIOR TO ANY SITE EXCAVATION, ALL STORM DRAINAGE INLETS SHALL BE PROTECTED TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. CLEAN AS NECESSARY TO MAINTAIN DRAINAGE. REMOVE FILTER AND CLEAN CATCH BASINS FOLLOWING COMPLETION OF SITEWORK.

8. INSTALL SILT FENCE PRIOR TO EXCAVATION AS SHOWN ON THIS SHEET TO PREVENT SILT INTRUSION UPON ADJACENT LAND. FOR MAINTENANCE AND REMOVAL OF SILT FENCE, SEE DETAIL STANDARD ON THIS SHEET.

A. AT ALL ACCESS POINTS ONTO THE SITE THAT ARE UTILIZED BY CONSTRUCTION EQUIPMENT AND TRUCKS, PROVIDE A 12-INCH DEEP PAD CRUSHED ROCK FOR A DISTANCE OF 50 FEET INTO THE SITE. WIDTH OF PAD SHALL BE 20 FEET MINIMUM. ALL TRUCKS LEAVING THE PAD SHALL EGRESS ACROSS THE PAD. ACCUMULATED SOIL SHALL BE PERIODICALLY REMOVED, OR ADDITIONAL ROCK SHALL BE PLACED UPON THE PAD SURFACE. ROCK SHALL BE CLEAN #4 TO #8 QUARRY SIALS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

A. MAINTAIN AND REMOVE ALL EROSION CONTROLS AS SPECIFIED ON THIS SHEET. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT FROM THE CATCH BASINS, DRYWELLS, UTILITY TRENCHES AND STORM PIPES PRIOR TO ACCEPTANCE BY THE OWNER.

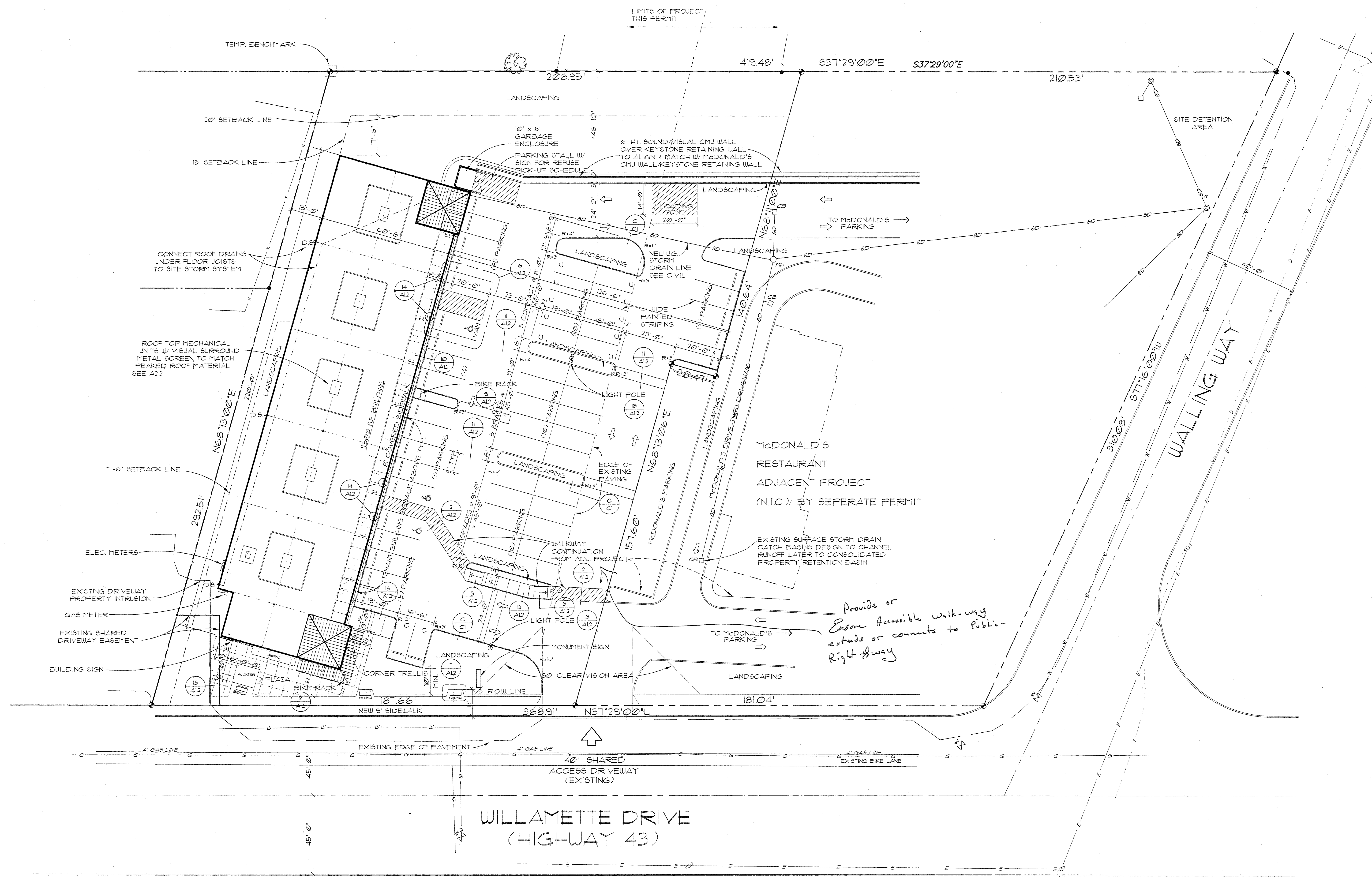
B. INSPECTION OF EROSION CONTROL MEASURES SHALL BE AFTER EACH RAINFALL EVENT THAT PRODUCES RUNOFF AND AT LEAST ONE TIME PER MONTH. SHOULD SPECIFIED EROSION AND SEDIMENT CONTROL MEASURES FAIL OR PROVE TO BE INADEQUATE, INSTALLATION OF ADDITIONAL MEASURES SHALL BE TAKEN.

C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER SITE STABILIZATION IS ACHIEVED OR ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.

⇒ DIRECTION OF FLOW

 EROSION CONTROL FENCE

RETAIL CENTER
 WEST LINN, OR
 EROSION CONTROL PLAN
 SHEET
 C3 of 3
 JOB NUMBER
 1951.000.0















 SITE PLAN
 SCALE: 1" = 20'-0"

SCALE: 1" = 20'-0"



LEGEND:

- | | |
|---|---------------------------|
|  | PROPERTY LINE |
|  | PROPERTY SETBACK LINE |
|  | BUILDING SIGN/TENANT SIGN |
|  | LIGHT POLE |
|  | STORM DRAIN |
|  | ELECTRICAL |
|  | GAS |
|  | WATER |
|  | TELEPHONE |
|  | SANITARY SEWER |
|  | EXISTING FENCE |

NOTES:

- 1) VERIFY ALL NEW, TO BE DEMOL'D and/or EXISTING UTILITY LINES SHOWN ON THIS PLAN WITH THE CIVIL DRAWINGS FOR FINAL COORDINATION.
- 2) SEE CIVIL DRAWINGS FOR FINAL GRADING ELEVATIONS.
- 3) SITE PARKING AND ROOF DRAINAGE DETENTION FOR STORM WATER IS TO BE CONNECTED TO THE CONSOLIDATED SITE SYSTEM INSTALLED ON THE ADJACENT McDONALD'S PROPERTY AND DESIGNED TO HANDLE THE DETENTION FOR THE COMBINED PROPERTIES.
SEE CIVIL DRAWINGS.
- 4) SEE CIVIL DRAWINGS FOR NEW STREET CURB DESIGN, SIDEWALKS AND PAVING GUIDELINES FOR FINISHING WILLAMETTE DRIVE.
- 5) SEE CIVIL DRAWINGS FOR DESIGN OF THE NORTH PROPERTY RETAINING AND SOUND ATTENUATION WALLS AT THE BOUNDARY OF THE PARKING AREA AND GARBAGE ENCLOSURE.
- 6) SITE VERIFY AREAS OF PAVING AND CURBING AND RETAINING WALLS ALREADY INSTALLED WITH THE CONSTRUCTION OF THE ADJACENT McDONALD'S.