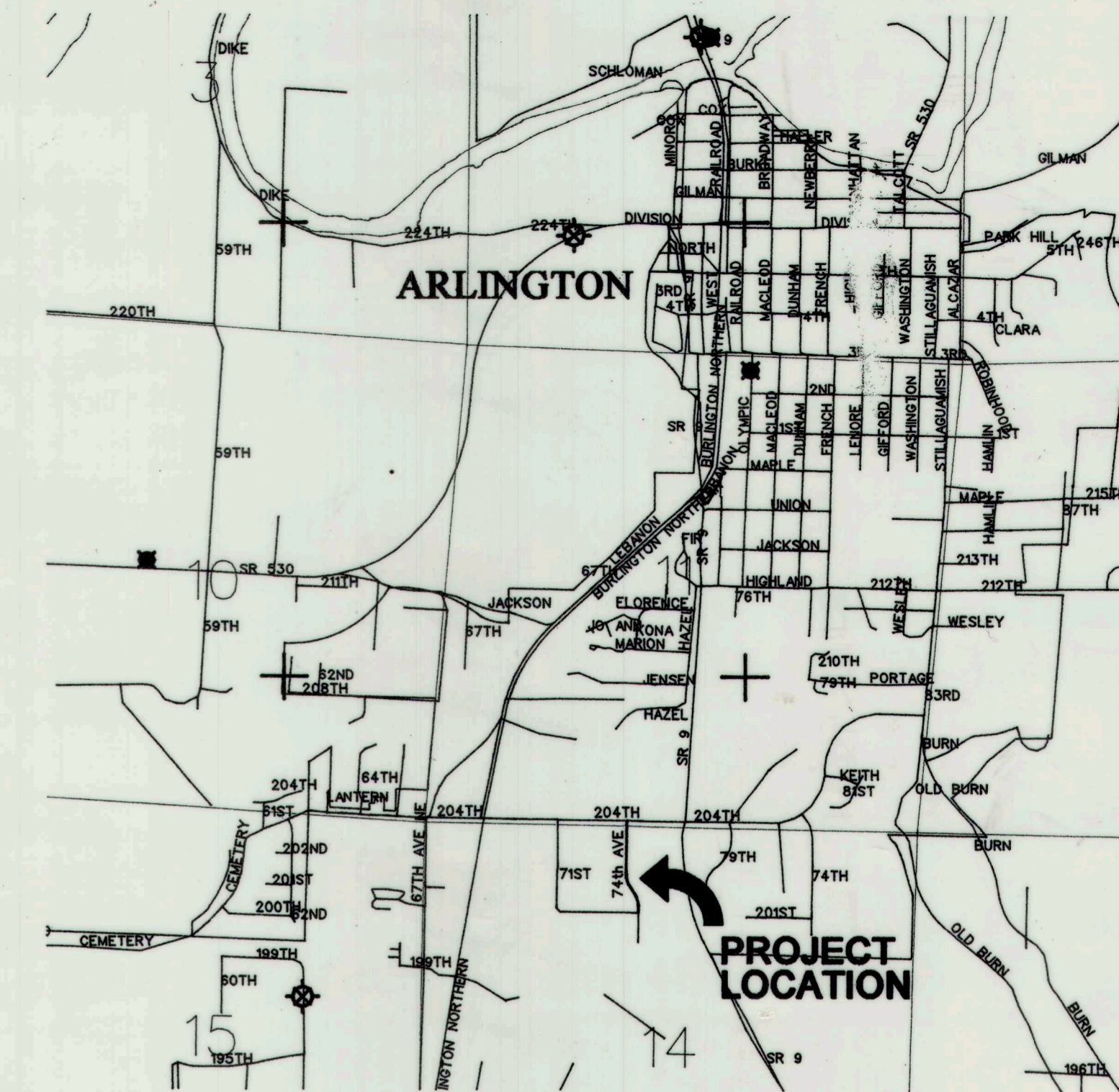


CONSTRUCTION PLANS FOR 74TH AVENUE N.E.

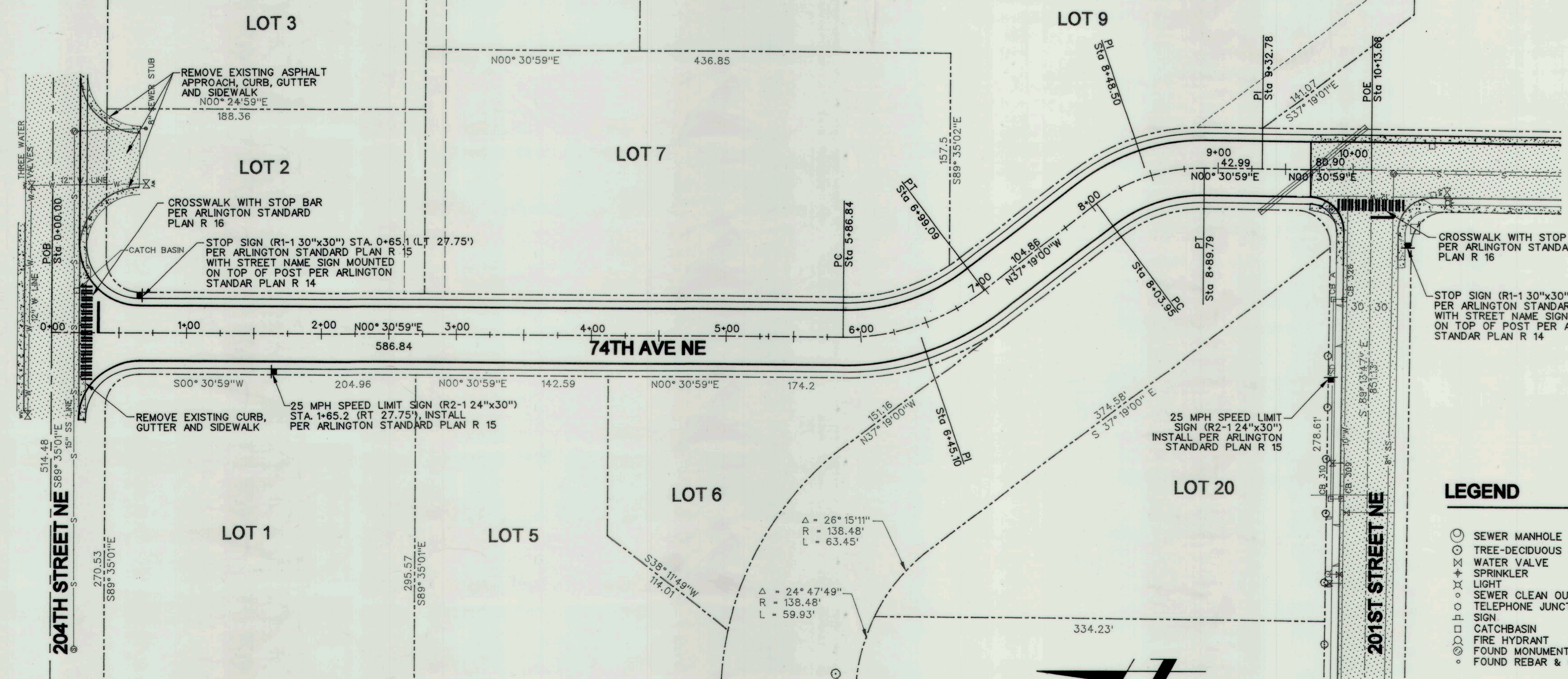
GENERAL NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION," WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, 1991 EDITION, EXCEPT WHERE MODIFIED BY THE LATEST EDITION OF THE CITY OF ARLINGTON ENGINEERING STANDARDS.
- ALL WORK PERTAINING TO THIS PROJECT SHALL BE SUBJECT TO INSPECTION BY THE CITY INSPECTOR OR HIS DESIGNATED REPRESENTATIVE. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT AT (360) 435-3811 TO SCHEDULE A PRECONSTRUCTION MEETING.
- PRIOR TO ANY SITE DISTURBING ACTIVITY TO INCLUDE CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS AS SHOWN ON THESE PLANS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR. THE PROJECT SURVEYOR'S NAME AND TELEPHONE NUMBER IS CURTIS & ASSOCIATES, (425) 397-8424.
- THE OWNER/DEVELOPER IS RESPONSIBLE FOR INSURING WATER QUALITY DURING CONSTRUCTION. A MONITORING PROGRAM SHALL BE ESTABLISHED BY THE PROJECT ENGINEER. NO MODIFICATIONS OR CHANGES SHALL BE MADE WITHOUT APPROVAL AND COORDINATION OF THE PROJECT ENGINEER RESPONSIBLE FOR THE TESC PLAN. THE PROJECT ENGINEER IS DIVERSIFIED ENGINEERING SERVICES, (360) 435-0449.
- A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- ALL SITE WORK IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, ENGINEER AND APPROPRIATE PUBLIC AGENCIES.
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATION SERVICE (1-800-424-5555) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE OWNER OR HIS REPRESENTATIVE AND THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF CONFLICTS EXIST. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY UTILITY RELOCATIONS.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND ANY OTHER RELATED PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY IN THE CITY RIGHT OF WAY.
- ALL MATERIAL SHALL BE NEW AND UNDAMAGED, OF A KNOWN APPROVED BRAND, WITH REPLACEMENT AND REPAIR PARTS READILY AVAILABLE FROM THE GENERAL ARLINGTON/EVERETT/SEATTLE AREA.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23 - TRAFFIC CONTROL SHALL APPLY.
- THE CONTRACTOR SHALL KEEP OFF-SITE STREETS CLEAN AT ALL TIMES BY SWEEPINGS. WASHING OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE AGENCY RESPONSIBLE FOR THE AFFECTED STREET.
- THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INITIATING WORK. THE CONTRACTOR/OWNER SHALL NOTIFY DIVERSIFIED ENGINEERING SERVICES AND THE CITY ENGINEER WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION.
- ALL SITE WORK SHALL COMPLY WITH THESE PLANS AND THE CONDITIONS AND RECOMMENDATIONS OF ANY SUPPLEMENTAL REPORT.
- ENGINEERED AS-BUILTS SHALL BE REQUIRED PRIOR TO FINAL APPROVAL.
- ALL PUBLIC WATER, SEWER, AND STORM DRAINAGE PIPING NOT IN PUBLIC RIGHT OF WAY REQUIRES 10 FOOT WIDE PERMANENT EASEMENTS GRANTED TO THE CITY.
- ALL MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO INSTALLATION.



VICINITY MAP



SITE PLAN

SCALE: 1"=50'

CONSTRUCTION SEQUENCE

- SCHEDULE AND ATTEND A PRECONSTRUCTION MEETING WITH THE CITY OF ARLINGTON.
- INSTALL TESC FACILITIES.
- CLEAR CONSTRUCTION AREA (GRUBBING, ROUGH GRADING).
- BEGIN CONSTRUCTION.
- INSTALL UTILITIES AND INFILTRATION SYSTEM BUT DO NOT MAKE THE FINAL CONNECTION BETWEEN THE STORM DRAINAGE SYSTEM AND THE INFILTRATION SYSTEM.
- FINAL GRADING AND PAVING.
- END CONSTRUCTION.
- CLEAN THE STORM DRAINAGE CONVEYANCE SYSTEM AND CONNECT THE STORM DRAINAGE SYSTEM TO THE INFILTRATION SYSTEM.
- HYDROSEED AND MULCH ALL EXPOSED AREAS.
- REMOVE ALL TESC FACILITIES WITHIN 30 DAYS OF FINAL SITE STABILIZATION.

ENGINEER

DIVERSIFIED ENGINEERING SERVICES
3304 252ND STREET N.E.
ARLINGTON, WASHINGTON 98223
(360) 435-0449

SURVEYOR

CURTIS & ASSOCIATES
P.O. BOX 1512
LAKE STEVENS, WASHINGTON 98258
(425) 397-8424

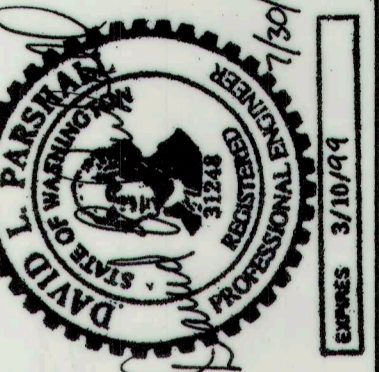
LEGEND

- SEWER MANHOLE
- TREE-DECIDUOUS
- ⊗ WATER VALVE
- ⊕ SPRINKLER
- ⊙ LIGHT
- SEWER CLEAN OUT
- TELEPHONE JUNCTION BOX
- ⊕ SIGN
- ⊕ CATCHBASIN
- FIRE HYDRANT
- FOUND MONUMENT IN CASE
- FOUND REBAR & CAP



BM: *8-19-16, RAILROAD SPIKE IN POWER POLE #A534 AND 49 ON NORTH SIDE OF CEMETERY ROAD, 275 FEET EAST OF 62ND DRIVE NE. EL=121.24 (NAVD '88) PER CITY OF ARLINGTON
TBM: TOP OF MONUMENT IN CASE, CENTERLINE P.C. OF 71ST AVE NE, 917 FEET SOUTH OF 204TH STREET NE. EL=116.38 (NAVD '88)

TOPOGRAPHIC SURVEY FEATURES SHOWN REPRESENT SURFACE FEATURES LOCATED ON THE SITE. ANY UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND BASED SOLELY UPON INFORMATION PROVIDED BY OTHERS; REFER TO AS-BUILT RECORDS AND UTILITY PROVIDERS FOR SPECIFIC AS-BUILT CONDITIONS.

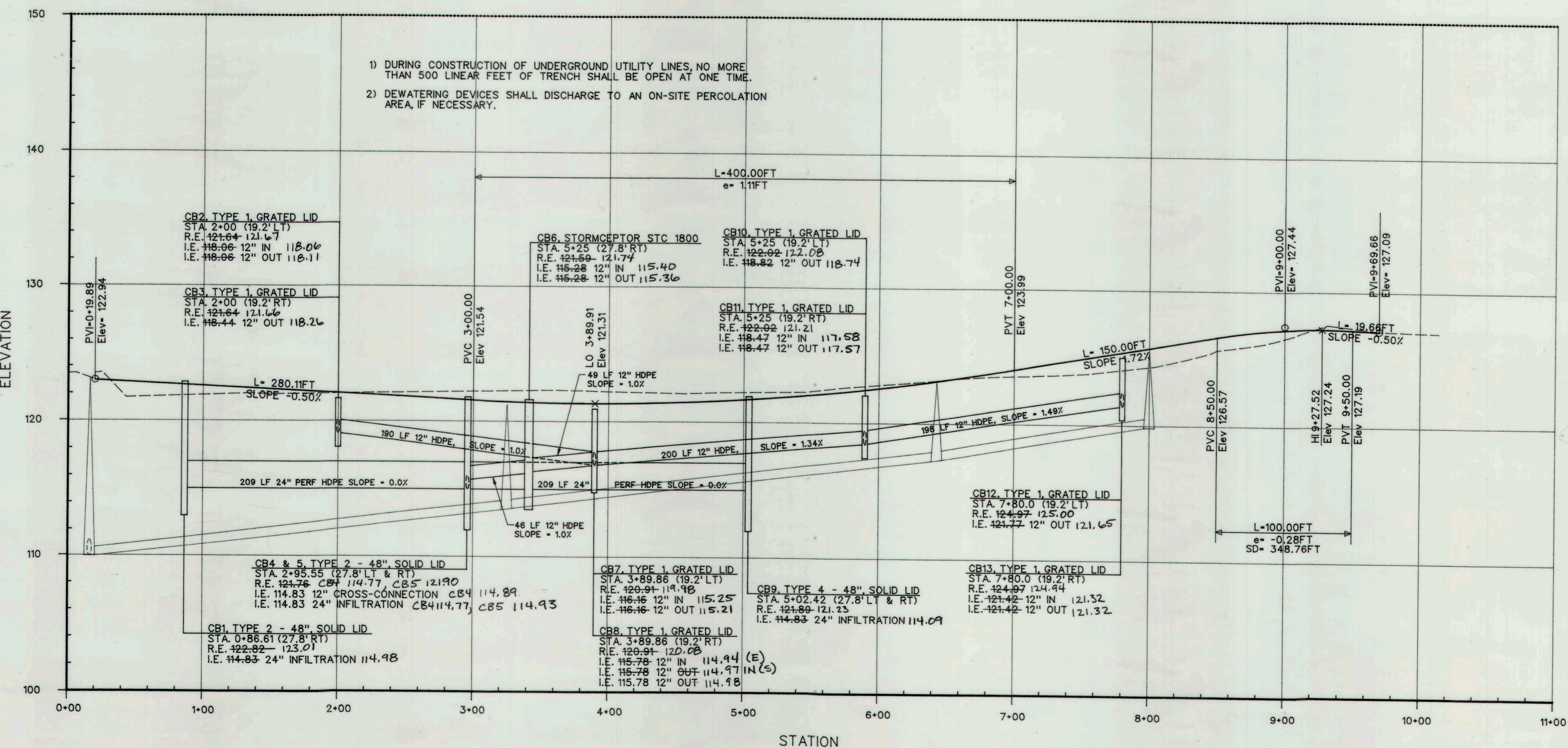
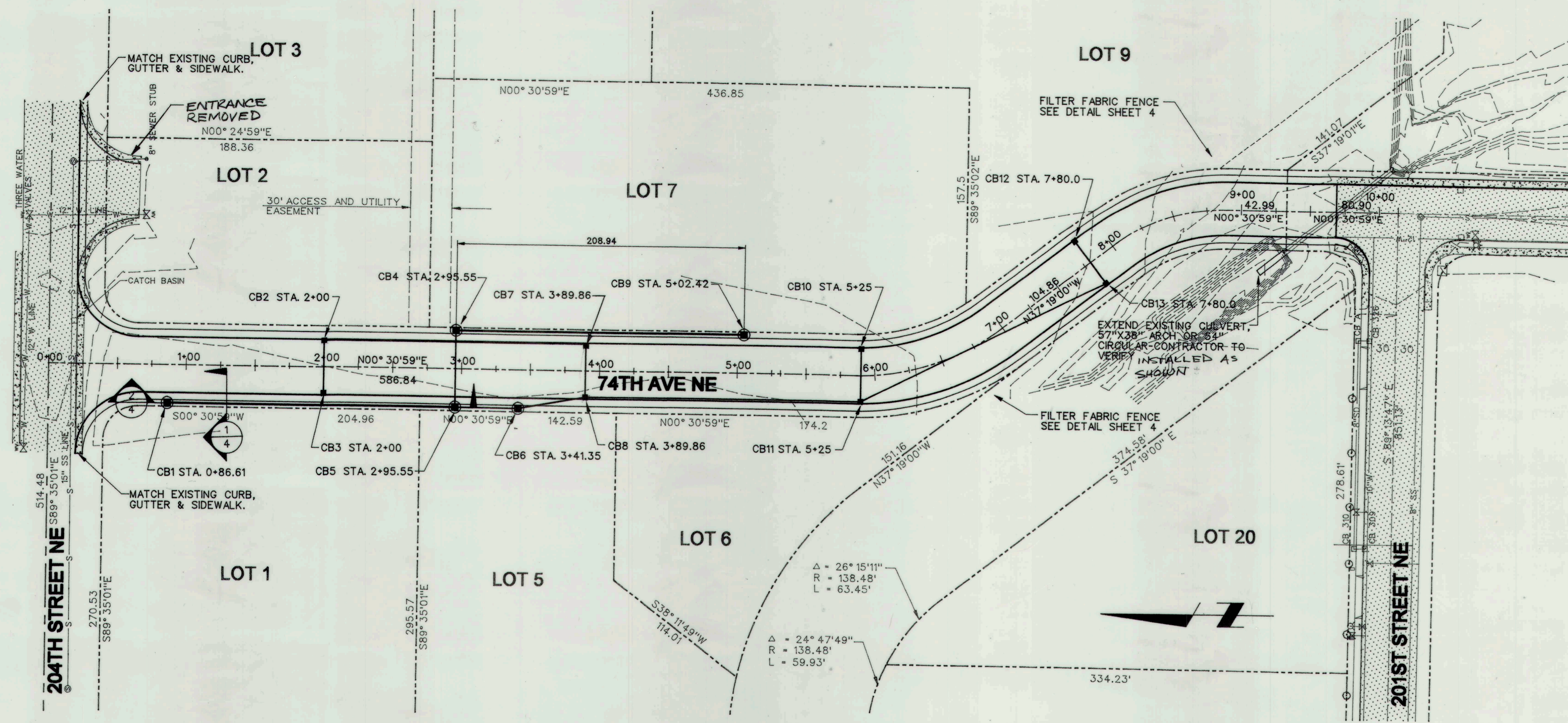


Diversified Engineering Services
Industrial • Commercial • Residential
3304 252nd St. NE
Arlington, WA 98223
Phone: (360) 435-0449
Fax: (360) 435-0008
Civil & Structural Engineering
Surveying
Planning
Project Management

JENSEN BUSINESS PARK
74TH AVENUE N.E.
COVER SHEET

REVISION	DESCRIPTION	BY	DATE

FILE NAME:
PROJ. No.: 3-008
DATE: 7/30/98
DRAWN BY: KKC
DESIGNED BY: DLP
CHECKED BY: DLP
HOR SCALE: 1"=50'
VER SCALE: NONE



GRADING NOTES

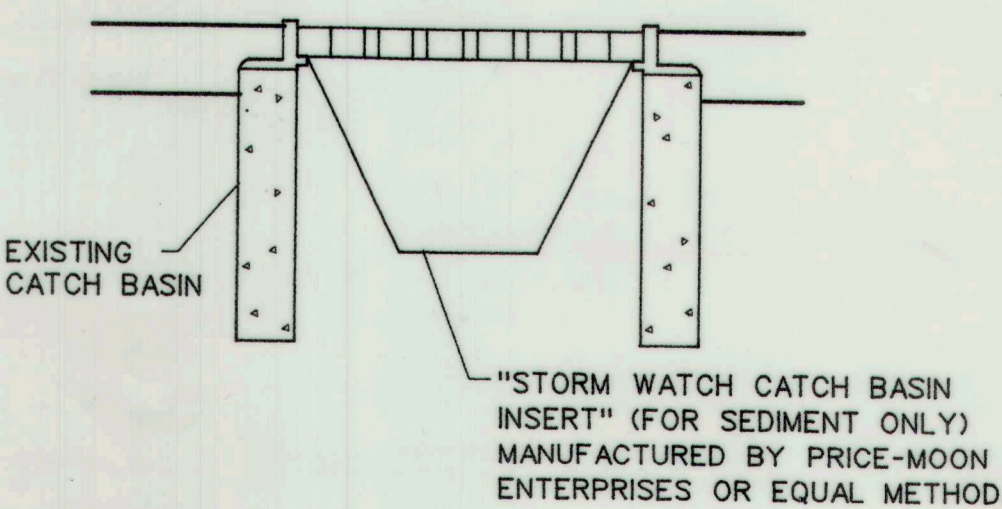
1. AREAS TO RECEIVE FILL SHALL BE CLEARED OF ALL VEGETATION AND DELETERIOUS MATTER.
2. AREAS TO RECEIVE FILL SHALL BE PROOFROLLED. ALL LOOSE AND SOFT AREAS SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL.
3. ALL FILL MATERIALS USED SHALL BE FREE OF VEGETATION AND DELETERIOUS MATTER AND SHALL NOT CONTAIN ROCKS GREATER THAN SIX INCHES IN DIAMETER.
4. STRUCTURAL FILLS SHALL BE PLACED IN EIGHT TO 10 INCH THICK LOOSE HORIZONTAL LIFTS AND SPREAD UNIFORMLY.
5. AFTER EACH LIFT HAS BEEN SPREAD EVENLY, IT SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557 (MODIFIED PROCTOR).
6. THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES, THEN CUTTING BACK TO FINAL GRADES, OR BY RUNNING THE COMPACTOR OVER THE SLOPE AS EACH LIFT IS BEING PLACED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORK DAY.
7. FIELD DENSITY TESTS (IF REQUIRED) WILL BE MADE BY A QUALIFIED SOILS ENGINEERING FIRM. DENSITY TESTS SHALL BE TAKEN AT OR JUST BELOW THE SURFACE AT THE FREQUENCY AND LOCATIONS DETERMINED BY THE SOILS ENGINEERING FIRM. WHEN THE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE SPECIFIED DENSITY, THE PARTICULAR SECTION SHALL BE REWORKED UNTIL THE REQUIRED DENSITY HAS BEEN OBTAINED.
8. PUBLIC STREETS ARE TO BE KEPT CLEAR OF DIRT AND DEBRIS DURING FILL OPERATIONS.

INFILTRATION TRENCH CONSTRUCTION NOTES

1. EXCAVATE TRENCH INTO NATIVE INFILTRATION SOILS (SEE DETAIL 1 AND 2 ON SHEET 4 OF 4 FOR APPROXIMATE EXCAVATION DEPTHS). AT NO TIME SHALL THE CONTRACTOR ALLOW UNSUITABLE SOIL OR SEDIMENT LADEN STORM WATER RUNOFF TO ENTER THE INFILTRATION SYSTEM EXCAVATION. INFILTRATION SOILS THAT BECOME CONTAMINATED WILL BE REMOVED AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
2. INSTALL PIPE AND WASHED ROCK SECTION AS SHOWN IN DETAIL 1 AND 2 ON SHEET 4 OF 4 PRIOR TO PIPE INSTALLATION THE PROJECT ENGINEER WILL INSPECT AND APPROVE EXCAVATION BEFORE THE PIPE AND WASHED ROCK SECTION IS INSTALLED. TRENCH SECTION WILL REMAIN FREE OF UNSUITABLE SOILS DURING THE PIPE AND WASHED ROCK INSTALLATION. ANY CONTAMINATION OF THE INFILTRATION SYSTEM DURING THE PIPE AND WASHED ROCK INSTALLATION AS DETERMINED BY THE ENGINEER WILL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
3. INSTALL FILTER FABRIC ON TOP OF THE WASHED ROCK SECTION. FILTER FABRIC MUST BE CUT TO THE PROPER WIDTH OR LENGTH PRIOR TO INSTALLATION. THE CUT WIDTH OR LENGTH MUST INCLUDE SUFFICIENT MATERIAL TO CONFORM TO IRREGULARITIES AND PROVIDE FOR A 12 INCH MINIMUM SEAM OVERLAP.
4. PLACE APPROVED BACKFILL OVER FILTER FABRIC TAKING CARE TO PREVENT FILL SOILS FROM INTERMIXING WITH NATIVE INFILTRATION SOILS OR WITH THE WASHED GRAVEL SECTION. ANY CONTAMINATED TRENCH GRAVEL OR INFILTRATION SOIL SHALL BE REMOVED AND REPLACED WITH UNCONTAMINATED MATERIALS AS DIRECTED BY THE PROJECT ENGINEER AND AT THE CONTRACTORS EXPENSE. BACKFILL WILL BE PLACED IN 2' LIFTS AND COMPACT BY NON-VIBRATORY STATIC ROLLING.
5. GRADE TO MATCH EXISTING GROUND.
6. SITE RUNOFF SHALL NOT BE DISCHARGED TO THE INFILTRATION SYSTEM, FROM ANY DRAINAGE AREAS THAT HAVE NOT RECEIVED FINAL STABILIZATION, UNLESS SEDIMENT IS FIRST REMOVED.

INTERIM CATCH BASIN PROTECTION

1. ALL EXISTING CATCH BASINS SHALL HAVE CATCH BASIN INSERTS AS SHOWN HERE OR PROTECTION USING STD. PLAN 68 OR 69 INSTALLED PRIOR TO ANY CLEARING OR GRADING ACTIVITIES.



CATCH BASIN INSERT

NOT TO SCALE

GENERAL NOTES:

1. ALL CATCH BASIN GRATES SHALL BE PER CITY OF ARLINGTON STANDARD PLANS SD5 OR SD6.
2. ALL STORM DRAINAGE PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M294 TYPE S. THE PIPE SHALL HAVE A SMOOTH INTERIOR AND ANNULAR-CORRUGATED EXTERIOR. MANNING'S "n" VALUE SHALL NOT EXCEED 0.010.

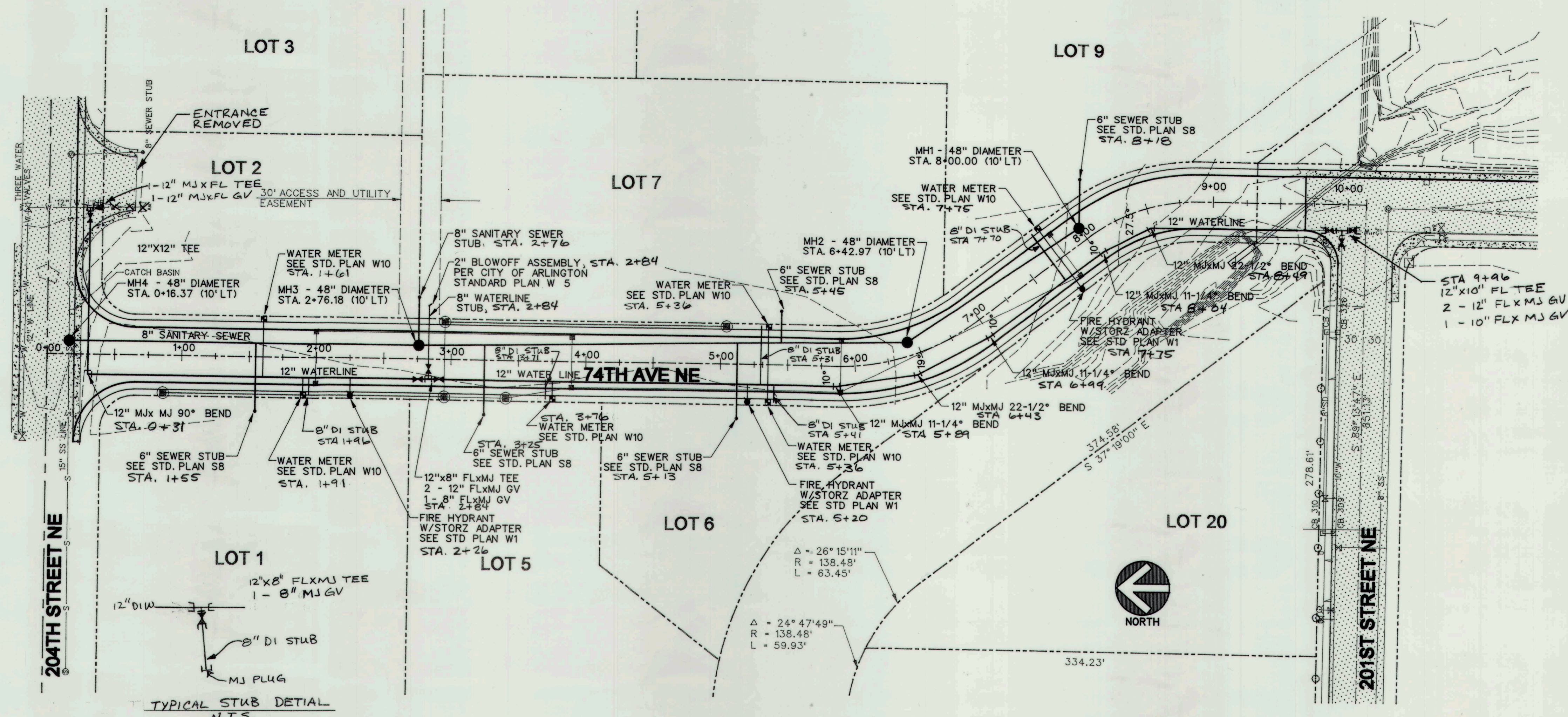
ASBUILT DRAWINGS

JENSEN BUSINESS PARK
74TH AVENUE N.E.
ROAD PLAN AND PROFILE

REVISION	DESCRIPTION	BY	DATE

FILE NAME:	3-008
PROJ. No.:	3-008
DATE:	8/27/98
DRAWN BY:	KKP
DESIGNED BY:	DLP
CHECKED BY:	DLP
HOR SCALE:	1"=50'
VER SCALE:	1"=5'
SHEET	2 of 4

Diversified Engineering Services
Industrial • Commercial • Residential
Civil & Structural Engineering
Surveying
Planning
Project Management
3004 25th St. NE
Atlanta, GA 30329
Phone: (404) 433-0449
Fax: (404) 433-0008



SANITARY SEWER NOTES:

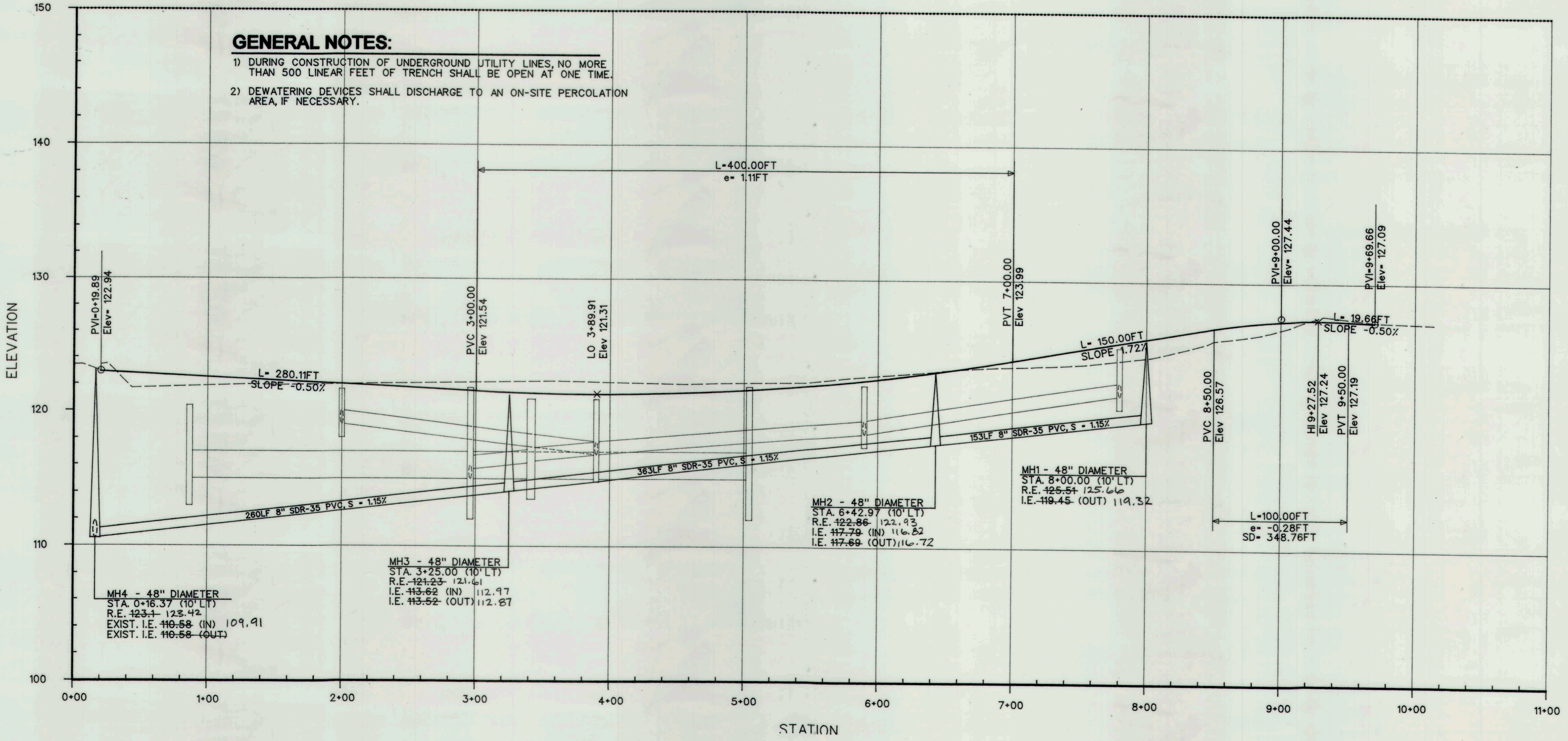
- CONSTRUCTION OF SIDE SEWERS (SYSTEM) WILL BE UNDER THE SUPERVISION OF THE CITY AND SHALL BE IN COMPLIANCE WITH ALL ORDINANCES AND CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF ARLINGTON.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE CITY OF ARLINGTON STANDARDS AND WSDOT/APWA STANDARD SPECIFICATIONS AS NOTED.
- NO PART OF THE SANITARY SEWER SYSTEM SHALL BE COVERED, CONCEALED OR PUT INTO USE UNTIL IT HAS BEEN TESTED, INSPECTED, AND APPROVED BY THE CITY INSPECTOR.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF LOCATIONS AND TO AVOID DAMAGE TO ANY ADDITIONAL UTILITIES NOT SHOWN. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT.
- ALL SEWER MAIN EXTENSIONS WITHIN THE PUBLIC RIGHT-OF-WAY OR IN EASEMENTS MUST BE "STAKED" BY SURVEY FOR "LINE AND GRADE" PRIOR TO STARTING CONSTRUCTION.
 - DUCTILE IRON PIPE SHALL CONFORM TO ANSI A21.51 OR AWWA C151 AND SHALL BE CEMENT LINED, PUSH-ON JOINT UNLESS OTHERWISE SPECIFIED. THE MINIMUM THICKNESS CLASS SHALL BE CLASS 52 UNLESS OTHERWISE SPECIFIED.
 - P.V.C. PIPE SHALL CONFORM TO THE PROVISIONS OF ASTM 3034 SDR 35 UNLESS OTHERWISE SPECIFIED. ALL JOINTS ARE TO BE PUSH-ON RUBBER GASKET TYPE.
- PIPE LAYING SHALL START FROM THE LOWEST POINT UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- ALL NEW LATERAL OR EXTENSIONS TO EXISTING STUBS SHALL BE TESTED BY EITHER EXFILTRATION WATER TEST OR LOW PRESSURE AIR TEST FROM THE POINT OF CONNECTION TO THE EXISTING STUB OR MAIN TO THE CONNECTION WITH THE BUILDING PLUMBING. TESTING OF SIDE SEWERS SHALL BE PERFORMED PRIOR TO BACKFILLING.
- ALL REQUESTS FOR INSPECTIONS AND FOR WITNESSING TESTS SHALL BE SCHEDULED WITH THE PUBLIC WORKS INSPECTOR 24-HOURS IN ADVANCE. FAILURE TO GIVE ADEQUATE ADVANCE NOTICE MAY RESULT IN DELAYS TO THE REQUIRED INSPECTION.

WATER DISTRIBUTION NOTES:

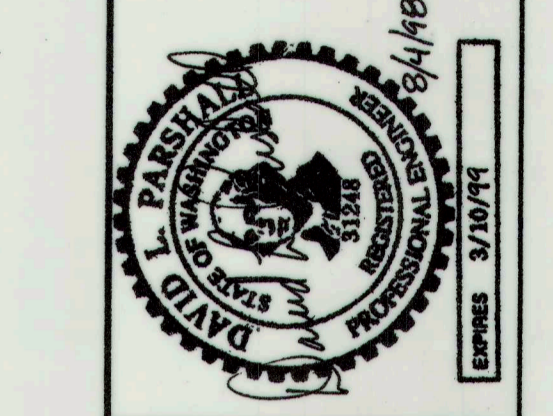
- ALL CONSTRUCTION OF WATER MAINS AND RELATED APPURTENANCES SHALL CONFORM TO THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS, AWWA SPECIFICATIONS, AND THE INSTRUCTIONS OF THE MANUFACTURER SUBJECT TO THE APPROVAL OF THE CITY.
- NO CONNECTION TO THE EXISTING MAINS WILL BE ALLOWED EXCEPT BY MEANS OF AN APPROVED BACKFLOW PREVENTION DEVICE PRIOR TO SATISFACTORY FLUSHING, TESTING, DISINFECTION AND RECEIPT OF SATISFACTORY BACTERIOLOGICAL TEST RESULTS.
- THE CONTRACTOR SHALL NOT OPERATE ANY GATE VALVE OR MAKE ANY CONNECTIONS TO THE EXISTING WATER MAIN WITHOUT PRIOR APPROVAL OF THE CITY.
- THE OWNER OR THE OWNER'S AUTHORIZED AGENT SHALL NOTIFY THE MAINTENANCE OR OPERATION SUPERVISOR OF A PERSON WHO CAN BE CONTACTED REGARDING PROBLEMS DURING CONSTRUCTION ON A 24 HOUR BASIS.
- THE INSTALLATION OF ALL WATER MAINS APPURTENANCES SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION PLANS AS APPROVED BY THE CITY ENGINEER FOR THE PROJECT. ANY DEVIATION OR CHANGES ARE TO BE APPROVED BY THE CITY ENGINEER BEFORE THE CHANGE IS INCORPORATED INTO THE WORK.
- EXCEPT AS OTHERWISE NOTED HEREIN, ALL WORK SHALL BE ACCOMPLISHED AS RECOMMENDED IN APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) SPECIFICATIONS ACCORDING TO THE RECOMMENDATIONS OF THE MANUFACTURER OF MATERIAL OR EQUIPMENT USED. CONTRACTORS SHALL FURNISH A WATER-TIGHT PLUG OF THE APPROPRIATE SIZE WHICH SHALL BE INSTALLED IN THE END OF THE WATER MAIN ANYTIME WORK IS DELAYED OR STOPPED.
- ALL MATERIALS SHALL BE NEW AND UNDAMAGED. UNLESS OTHERWISE APPROVED BY THE ENGINEER, THE SAME MANUFACTURE OF EACH ITEM SHALL BE USED THROUGHOUT.
- PIPING
 - AS A GENERAL CONDITION, ALL WATER MAIN PIPING SHALL BE DUCTILE IRON PIPE, CEMENT LINED, STANDARD THICKNESS CLASS 52, UNLESS OTHERWISE SPECIFIED AND SHALL CONFORM TO THE STANDARDS OF ANSI A21.51 (AWWA C-151). ANY DEVIATION TO THIS POLICY MUST BE APPROVED BY THE CITY ENGINEER ON THE PLANS FOR THE PROJECT.
- JOINTS
 - RUBBER GASKET PIPE JOINTS SHALL BE PUSH-ON-JOINT (TYTON) OR MECHANICAL JOINT (M.J.) IN ACCORDANCE WITH USA STANDARD A21.11 (AWWA C-111), UNLESS OTHERWISE SPECIFIED. FLANGED JOINTS SHALL CONFORM TO ANSI STANDARD B16.1.
- CEMENT LINED THICKNESS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI STANDARD A21.4 (AWWA C-104)
- DUCTILE IRON PIPE SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C-151 AND THE MANUFACTURER'S RECOMMENDATION. THE BOTTOM OF THE TRENCH SHALL BE FINISHED TO GRADE WITH HAND TOOLS IN SUCH A MANNER THAT THE PIPE WILL HAVE BEARING ALONG THE ENTIRE LENGTH.
- CONCRETE BLOCKING (THRUST BLOCKS) SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 1/4 SQUARE FOOT BEARING AGAINST THE FITTING AND TWO (2) SQUARE FEET OF BEARING AGAINST UNDISTURBED SOIL AND SHALL BE CLEAR OF JOINTS SO AS TO PERMIT TAKING UP OR DISMANTLING JOINT. ALL POURED IN PLACE BLOCKING SHALL HAVE A MINIMUM MEASUREMENT OF TWELVE (12) INCHES BETWEEN THE PIPE AND THE UNDISTURBED BANK. ALL BLOCKING CONFIGURATIONS AND SIZES SHALL BE PER STANDARD PLAN W3 AND W4.
- PROVIDE 3 FEET MINIMUM, 5 FEET MAXIMUM COVER OVER ALL WATER LINES.

GENERAL NOTES:

- DURING CONSTRUCTION OF UNDERGROUND UTILITY LINES, NO MORE THAN 500 LINEAR FEET OF TRENCH SHALL BE OPEN AT ONE TIME.
- DEWATERING DEVICES SHALL DISCHARGE TO AN ON-SITE PERCOLATION AREA, IF NECESSARY.



Diversified Engineering Services
 Industrial • Commercial • Residential
 304 22nd St. NE
 Atlanta, GA 30316
 Phone: (404) 453-0449
 Fax: (404) 453-9008



ASBUILT DRAWINGS
 JENSEN BUSINESS PARK
 74TH AVENUE N.E.
WATER & SANITARY SEWER PLAN

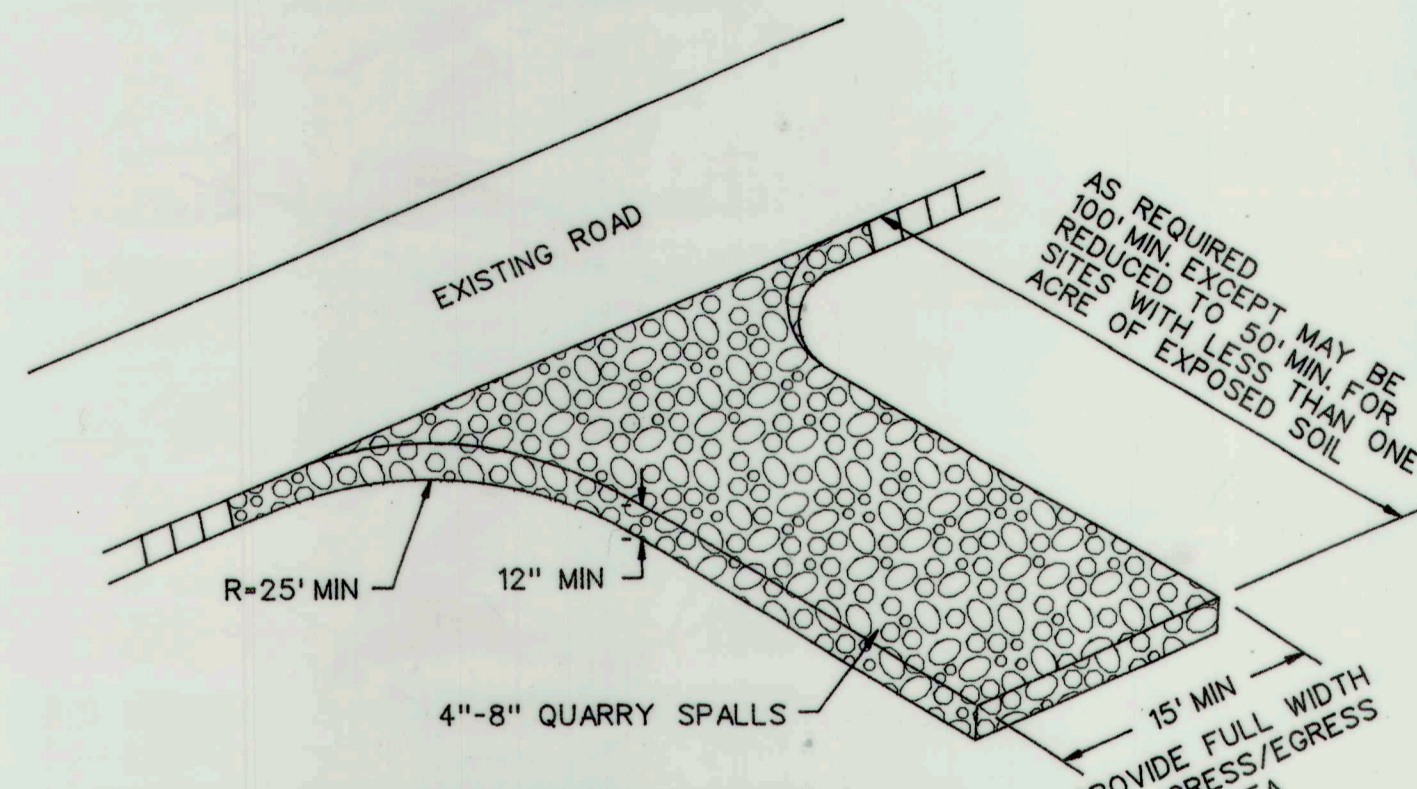
REVISION	DESCRIPTION	BY	DATE

FILE NAME: PROJ. No.: 3-008
 DATE: 8/04/98
 DRAWN BY: KKP
 DESIGNED BY: DLP
 CHECKED BY: DLP
 HOR SCALE: 1"=50'
 VER SCALE: 1"=5'
 SHEET
 3 of 4

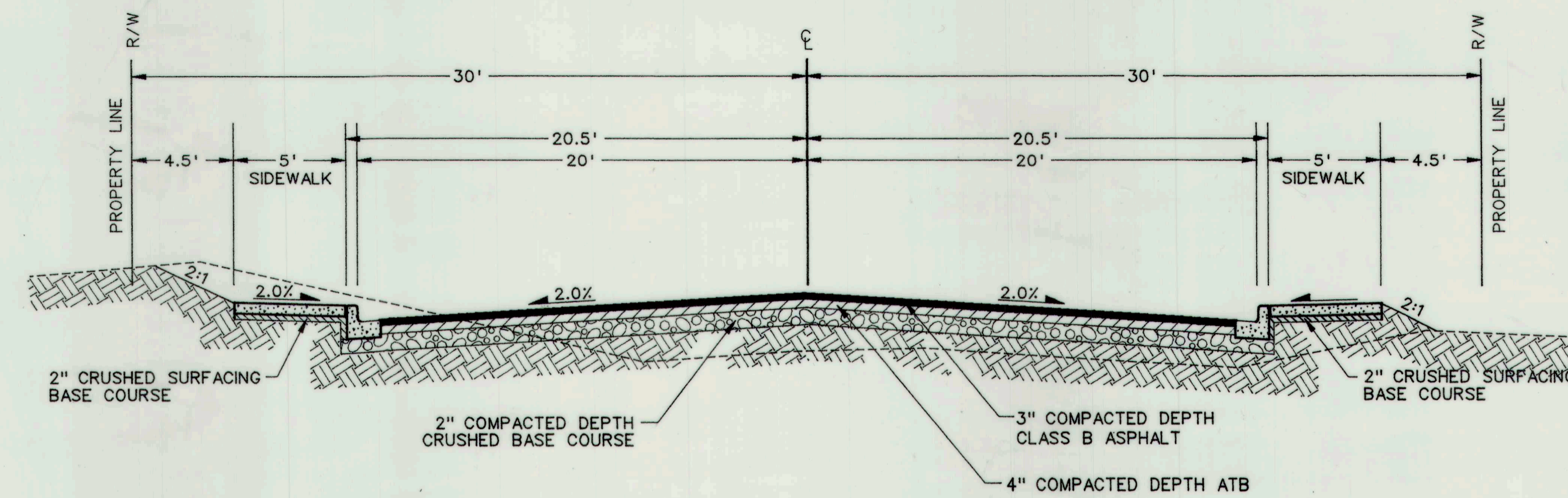
PORTION OF SECTION 14, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

T.E.S.C. NOTES

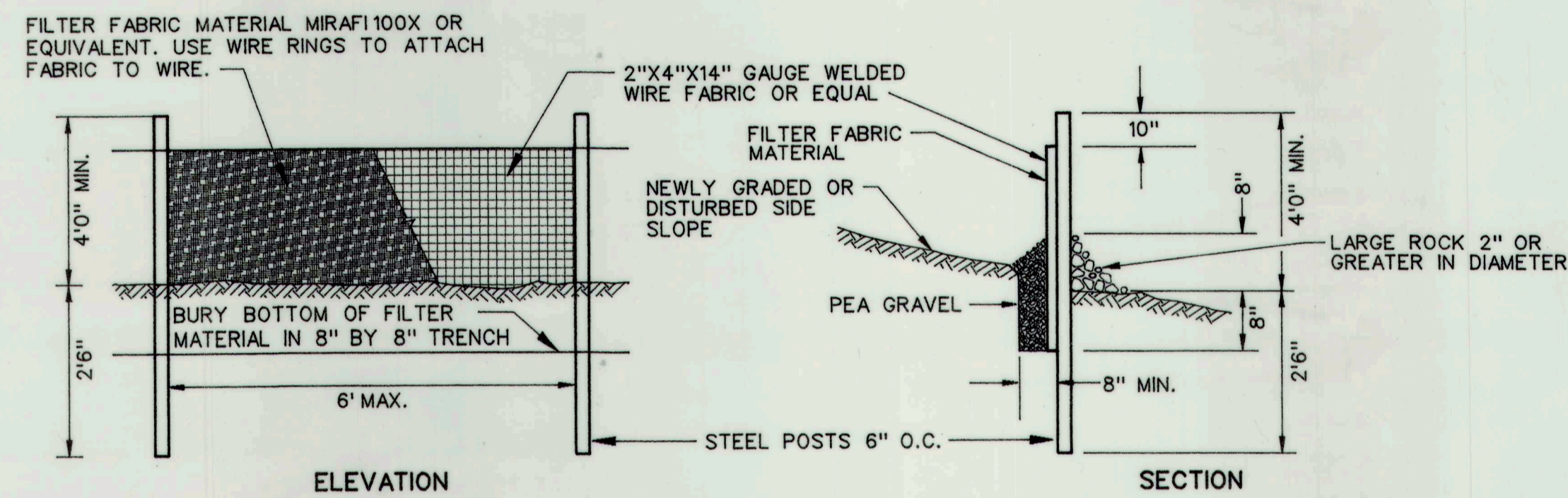
1. THE EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING, IN ACCORDANCE WITH THE APPROVED GRADING AND TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED.
2. THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY A CONTINUOUS LENGTH OF SURVEY TAPE (OR FENCING, IF REQUIRED) PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING FOR THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION.
4. THE TESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE TESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.).
6. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED PROPER FUNCTIONING.
7. ANY AREA STRIPPED OF VEGETATION WITH EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESC METHODS (E.G. SEEDING, MULCHING, NETTING, EROSION BLANKETS, PLASTIC COVERING, ETC.).
8. ANY AREA NEEDING TESC MEASURE, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
9. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.
10. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A 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.
12. DURING THE TIME PERIOD OF NOVEMBER 1 THROUGH MARCH 31, ALL PROJECT DISTURBED AREAS GREATER THAN 5,000 SQUARE FEET THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 12 HOURS SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING OR PLASTIC COVERING.
14. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE, (E.G. ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 80 POUNDS PER ACRE).
15. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.



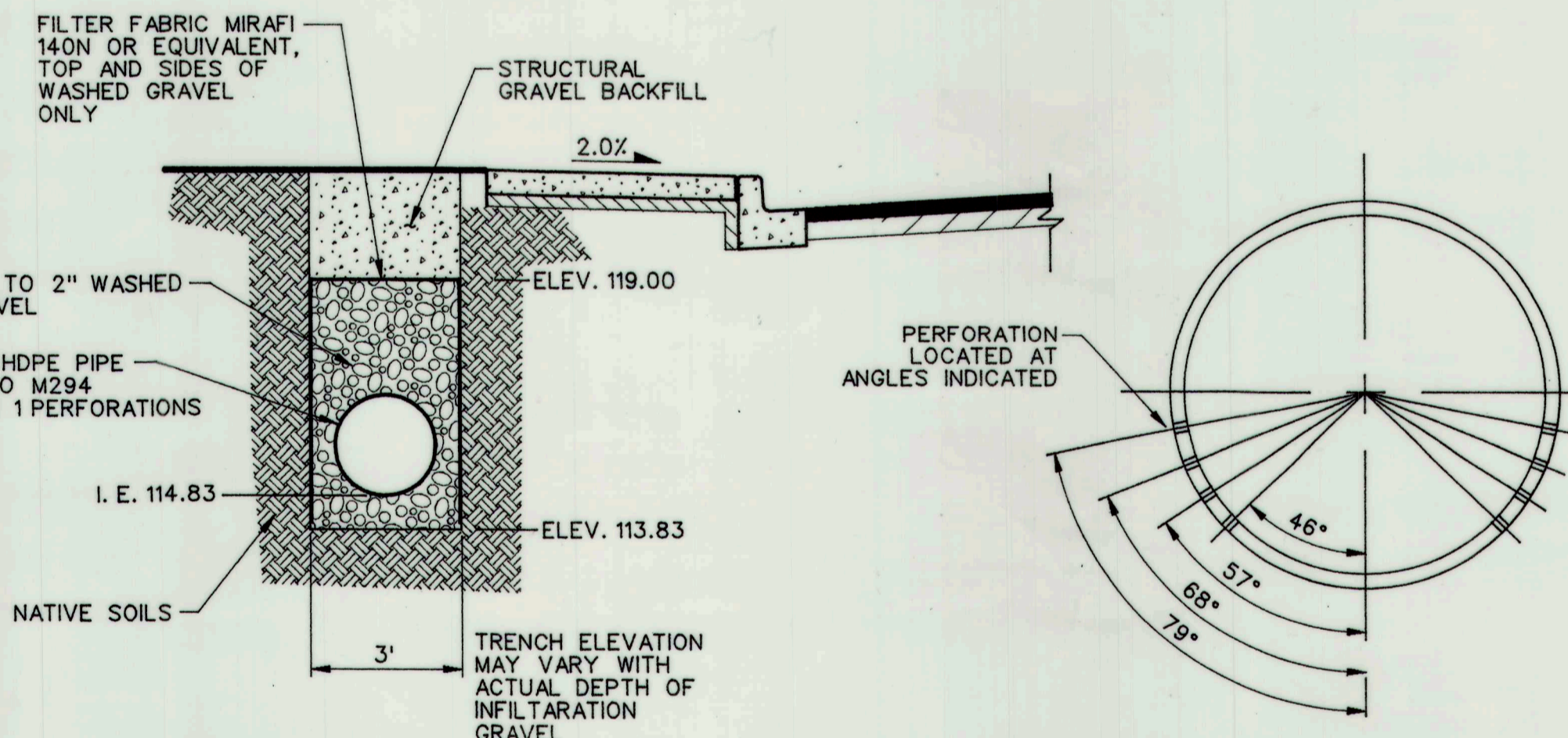
CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



ROAD SECTION - 74TH AVENUE N.E.
NOT TO SCALE



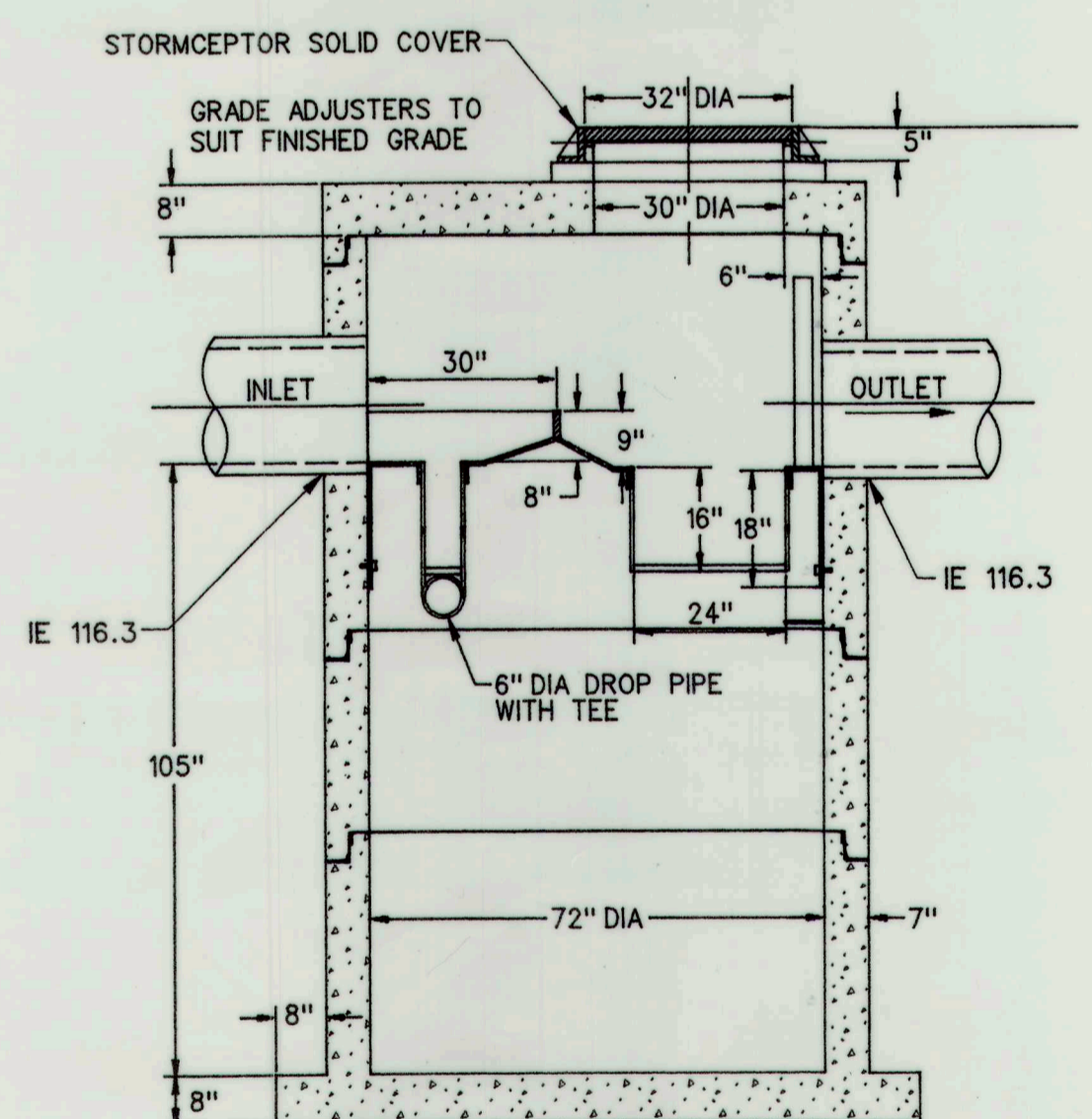
FILTER FABRIC FENCE
NOT TO SCALE



1 TRENCH SECTION
N.T.S.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

1. THIS PROVISION IS REQUIRED ONLY IF TRACKING IS ANTICIPATED.
2. INSTALLATION: THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS IN THE PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
3. WASHING: IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.



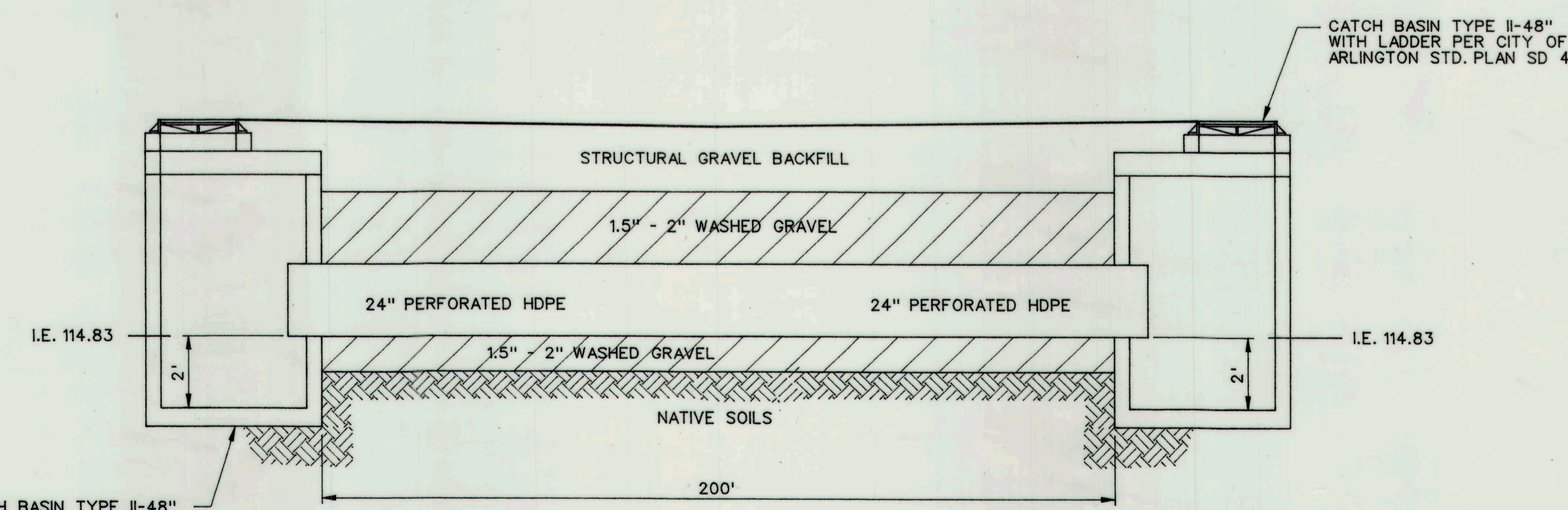
SECTION THRU CHAMBER

- NOTE:
1. FLEXIBLE CONNECTIONS ARE RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
 2. COVER TO BE POSITIONED OVER OUTLET AND VENT PIPE
 3. THIS IS A GENERAL ARRANGEMENT DRAWING. CONSULT LOCAL REPRESENTATIVE FOR SPECIAL CONDITIONS.
 4. INLET DROP PIPE WILL BE EITHER 6" OR 12" WITH A 6" ORIFICE PLATE
 5. ALL CONCRETE JOINTS HAVE RUBBER GASKETS THAT CONFORM TO ASTM C 443
 6. U.S. PATENT NO. 4,985,148

3 STC 1800 Precast Concrete Stormceptor®
(1800 US Gallon Capacity) N.T.S.

SEEDING NOTES

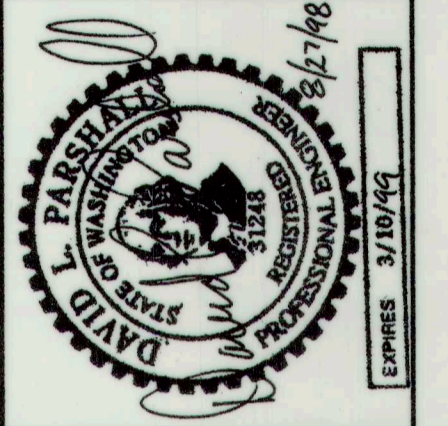
1. CONSTRUCTION ACCEPTANCE: CONSTRUCTION ACCEPTANCE WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE APPROVED CONSTRUCTION PLANS. ALL DISTURBED AREAS SUCH AS RETENTION FACILITIES, ROADWAY BACK-SLOPES, ETC. SHALL BE SEEDING WITH A PERENNIAL GROUND COVER GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR BY BROADCAST SPREADING.
2. PREPARATION OF SURFACE: ALL AREAS TO BE SEEDING SHALL BE CULTIVATED TO THE SATISFACTION OF THE CITY INSPECTOR. THIS MAY BE ACCOMPLISHED BY DISCING, RAKING, HARROWING OR OTHER ACCEPTABLE MEANS. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION WILL BE APPLIED.
3. FERTILIZER: SHALL BE APPLIED AT 305 LBS PER ACRE OF 10-20-20 (7 LBS PER 1000 SF) OR EQUIVALENT.
4. SEED: SEED FOR THIS PROJECT SHALL CONSIST OF A MIX OF 40% ANNUAL RYE, 40% CHEWINGS FESCUE, 10% REDTOP AND 10% DUTCH WHITE CLOVER (OR AS OTHERWISE APPROVED BY THE CITY OF ARLINGTON) APPLIED AT THE RATE OF 218 LBS PER ACRE (5 LBS PER 1000 SF).
5. MULCH: A WOOD CELLULOSE FIBER MULCH SHALL BE APPLIED AT A RATE OF 2180 LBS PER ACRE (50 LBS PER 1000 SF) FOR HYDROSEEDING AND 3050 LBS PER ACRE (70 LBS PER 1000 SF) FOR BROADCAST SEEDING.



2 LONGITUDINAL TRENCH SECTION
N.T.S.

Diversified Engineering Services
Industrial • Commercial • Residential
3904 315th St. NE
Arlington, WA 98223
Phone: (509) 431-0449
Fax: (509) 431-9008

• Civil & Structural Engineering
• Surveying
• Planning
• Project Management



JENSEN BUSINESS PARK
74TH AVENUE N.E.
GENERAL NOTES & DETAILS

REVISION	DESCRIPTION	BY	DATE

FILE NAME: 3-008
PROJ. No.: 3-008
DATE: 8/27/98
DRAWN BY: KJK
DESIGNED BY: DLP
CHECKED BY: DLP
HOR SCALE: NONE
VER SCALE: NONE

SHEET
4 of 4