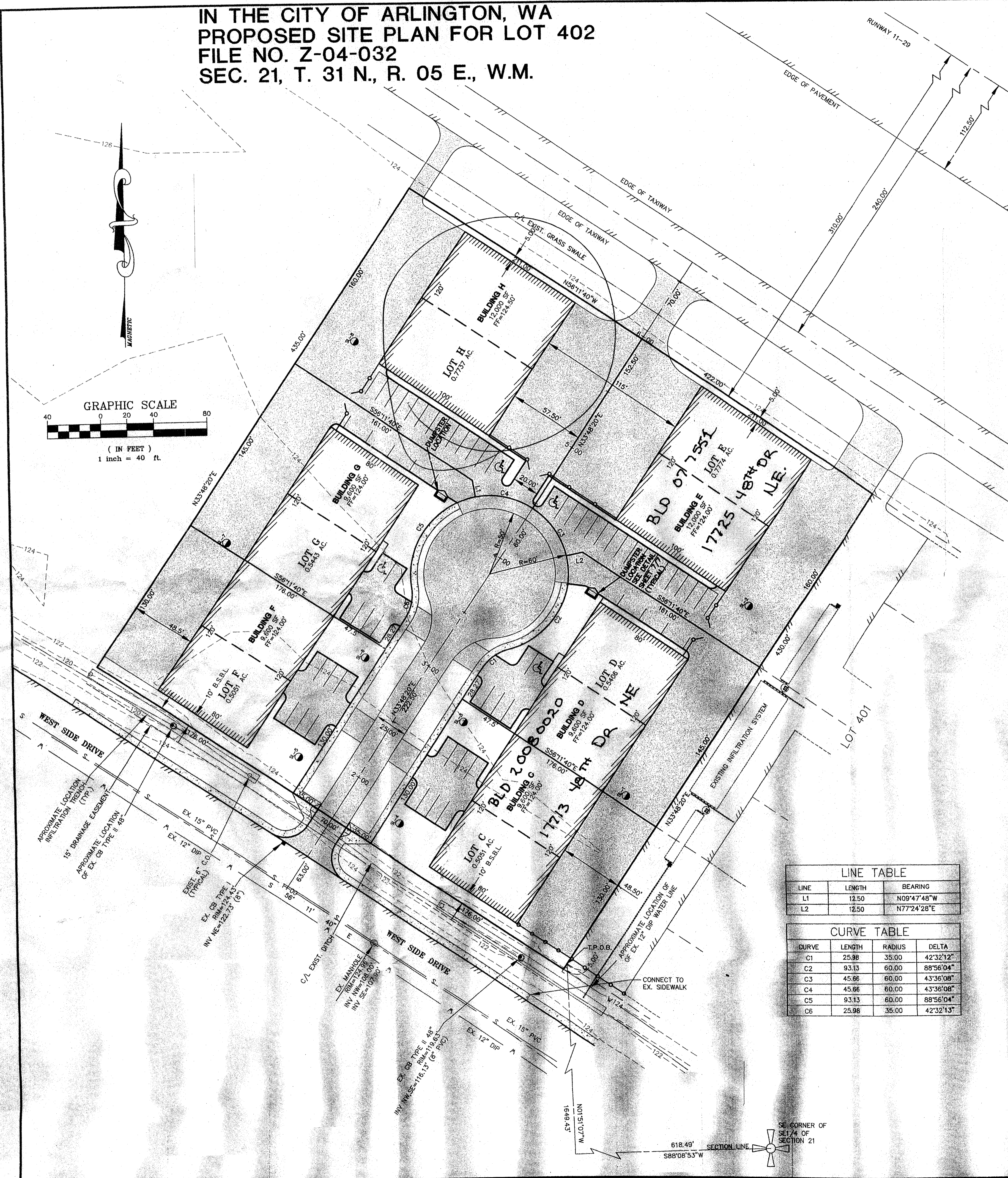
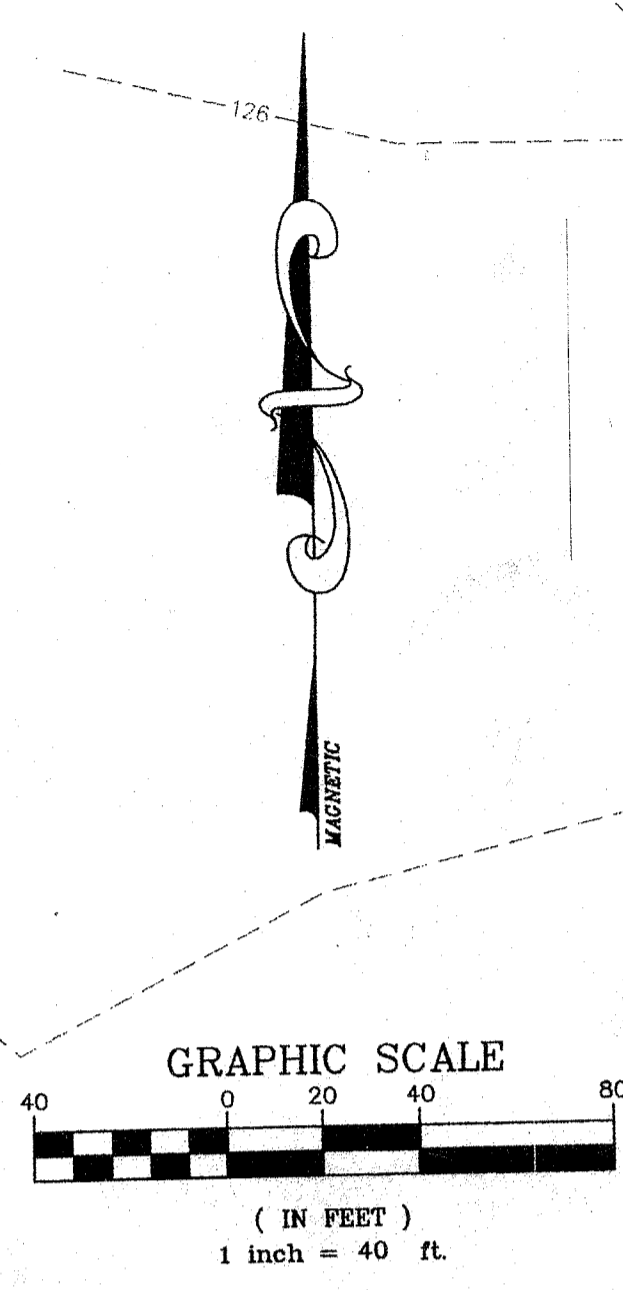


**IN THE CITY OF ARLINGTON, WA
PROPOSED SITE PLAN FOR LOT 402
FILE NO. Z-04-032
SEC. 21, T. 31 N., R. 05 E., W.M.**



LEGEND:

- ⊙ EX. SEWER MANHOLE
- ⊙ EX. GAS VALVE
- EX. WATER LINE
- CATCH BASIN
- ⊙ TELEVISION PEDESTAL
- CARBONITE GAS LINE MARKER
- HOGWIRE FENCE
- OVERHEAD ELECTRIC WIRES
- CENTER LINE
- PROPERTY LINE
- RIGHT-OF-WAY (DEDICATED)
- PROPOSED LOT LINE
- BUILDING SET BACK LINE
- 50' BUFFER LINE
- ADJACENT PROPERTY LINE
- SECTION LINE
- PROPOSED EASEMENT
- 3.32' EXISTING 2' CONTOUR

OWNER/DEVELOPER:
ABBATARE, INC.
17617 48TH PLACE NE.
HANGER C
ARLINGTON, WA 98223
PHONE: (425) 483-2245

SITE INFORMATION DATA:
ZONING: AIRPORT FLIGHTLINE
PROPOSED LAND USE: AIRPORT FLIGHTLINE
GROSS SQUARE FOOTAGE: 3,6792 ACRES
NUMBER OF LOTS: 6
AVERAGE LOT SIZE: 3.6792 / 6 = 0.6132 ACRES
WATER SUPPLY: PUBLIC (CITY OF ARLINGTON)
SEWAGE DISPOSAL: PUBLIC (CITY OF ARLINGTON)
FIRE PROTECTION DISTRICT: CITY OF ARLINGTON
SCHOOL DISTRICT: ARLINGTON #16
ROAD AREA (EXCEPTION): 0.4867 ACRES

DATUM: NGVD 1929
NAVD 88 CONVERSION: ADD 3.71 FT.

- NOTES:**
- ALL BUILDINGS TO HAVE CITY OF ARLINGTON APPROVED SPRINKLERS.
 - TOTAL PARKING STALLS: 66 SPACES (REGULAR)
62 SPACES (HANDICAP)
4 SPACES (HANDICAP)
PLUS INSIDE EACH OF THE 16 HANGERS: 1 HANDICAP SPACE
2 LOADING SPACES

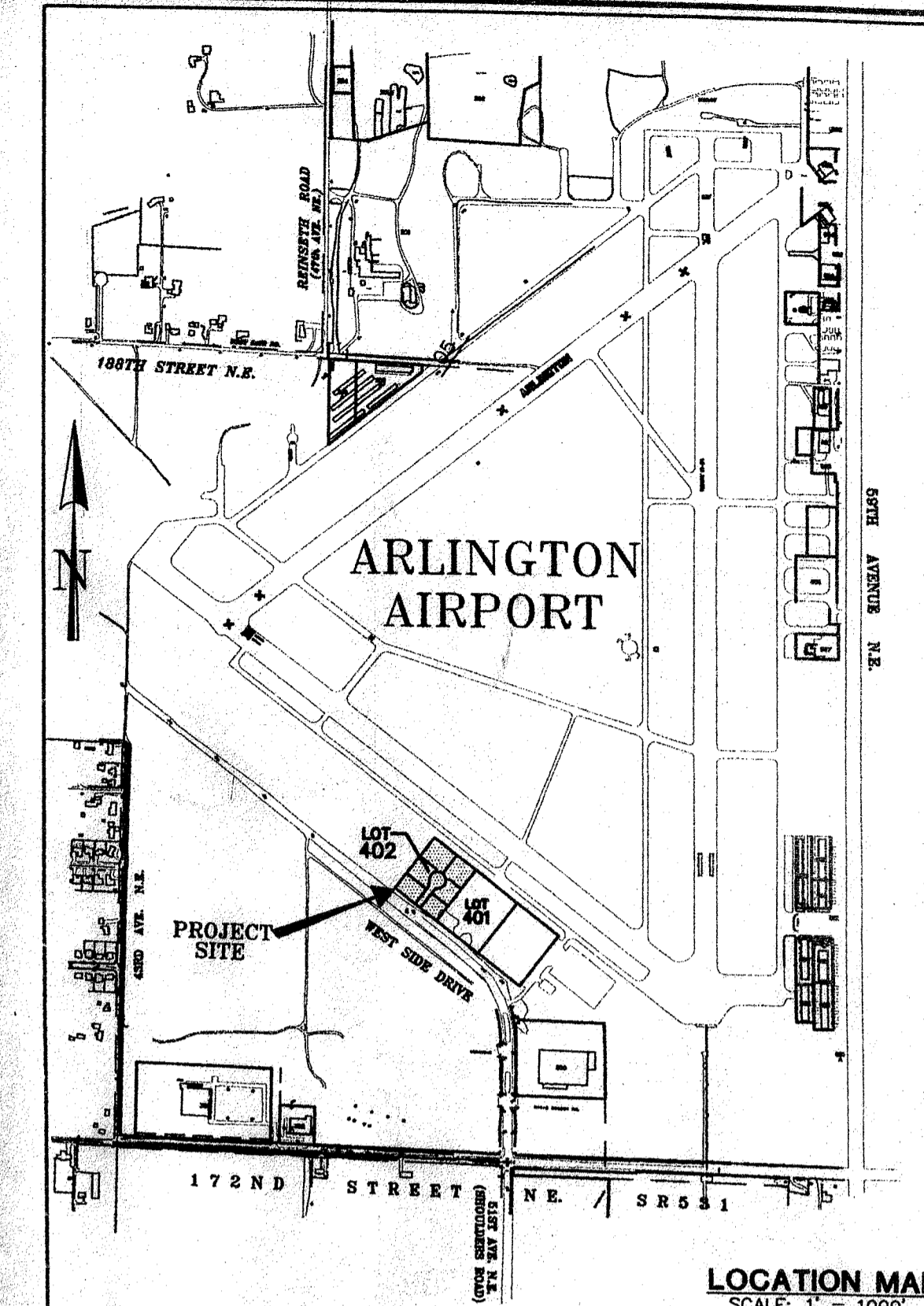
LINE TABLE

LINE	LENGTH	BEARING
L1	12.50	N09°47'48"W
L2	12.50	N77°24'28"E

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA
C1	25.98	35.00	42°32'12"
C2	93.13	60.00	88°56'04"
C3	45.86	60.00	43°36'08"
C4	45.86	60.00	43°36'08"
C5	93.13	60.00	88°56'04"
C6	25.98	35.00	42°32'13"

- CONSTRUCTION SEQUENCE AND SCHEDULE:**
- SET UP PRE-CONSTRUCTION MEETING WITH CITY OF ARLINGTON. PERSONNEL CONTACT EARL ANDERSON @ (360) 403-3500 TO VERIFY HAVING THE LATEST UPDATED COPY OF THE STANDARD PLANS AND SPECIFICATIONS FOR WATER AND SEWER.
 - CONTRACTOR TO INSTALL T.E.S.C. MEASURES AS SPECIFIED ON SHEET 3. CITY PERSONNEL TO APPROVE PRIOR TO ISSUANCE OF ANY PERMITS FOR ANY START OF CONSTRUCTION.
 - THE CLEARING AND GRUBBING OF THE SITE.
 - THE ROUGH GRADING OF THE SITE.
 - THE INSTALLATION OF THE UTILITIES.
 - THE FINAL GRADING, AND GRAVELING OF THE SITE.
 - THE PAVING OF THE SITE.
 - THE SEEDING ALL DISTURBED AREAS.
- *** CONSTRUCTION TO START AS SOON AS THE PROJECT IS APPROVED AND IT WILL PROCEED IN A TIMELY MANNER.



LEGAL DESCRIPTION:
THAT PORTION OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. MORE PARTICULARLY DESCRIBED AS FOLLOWS:
LOT 402 OF THE ARLINGTON MUNICIPAL AIRPORT
SUBJECT TO AND TOGETHER WITH EASEMENTS, COVENANTS, CONDITIONS, RESERVATIONS AND RESTRICTIONS OF RECORD.
SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

SHEET INDEX - CITY OF ARLINGTON CONSTRUCTION PLANS

#	DESCRIPTION	FILE NAME
1	SITE PLAN/COVERSHEET	I:\LNDPRJ\15665\DWG\15665GENERAL.DWG.(COVER)
2	MISC. GENERAL NOTES	I:\LNDPRJ\15665\DWG\15665GENERAL.DWG.(NOTES)
3	T.E.S.C. PLAN	I:\LNDPRJ\15665\DWG\XREF\15665GR.DWG.(TESCP)
4	GRADING PLAN	I:\LNDPRJ\15665\DWG\XREF\15665GR.DWG.(GRADE)
5	SEWER AND WATER PLAN	I:\LNDPRJ\15665\DWG\15665UTILITIES.DWG.(SS-WA)
6	DRAINAGE PLAN	I:\LNDPRJ\15665\DWG\XREF\15665SD.DWG.(DRAIN)
7	SIGNING AND LANDSCAPING PLAN	I:\LNDPRJ\15665\DWG\15665LANDSCAPE.DWG.(LAND)

RECEIVED
MAY 29 2008
COA PERMIT CENTER
BLD 00030139

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT

THIS PLAN HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRE OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS AND/OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS' FULL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: *[Signature]*
CITY ENGINEER
DATE: 1/22/08
THIS APPROVAL VALID FOR 18 MONTHS

I:\LNDPRJ\15665\DWG\15665GENERAL.DWG. (COVER)

**CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555**

CASCADE SURVEYING & ENGINEERING, INC.
Planners Engineers Surveyors
P.O. BOX 326
ARLINGTON, WASHINGTON 98223
(360) 435-5551
FAX: (360) 435-4012
1-800-583-5551

**IN THE CITY OF ARLINGTON, WA
ABBATARE INC.
FILE NO. Z-04-032
LOT 402
SITE PLAN/COVERSHEET**

**1 OF 7
#15665**

DESIGNED: J.D. DATE: 08/05/05
DRAWN: J.D. DATE: 08/24/05
CHECKED: R.D. DATE: 09/05/05
FIELD BOOK: ARL 78 & 85

COA SITE CIVIL REVIEW (11-22-08) 12/05 ME
R.E.V.I.S.I.O.N. DATE BY

GENERAL REQUIREMENTS:

- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2004 EDITION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION...

GENERAL NOTES CONT.:

- 26. A 10-FOOT HORIZONTAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER LINES AND WATER LINES...

IN THE CITY OF ARLINGTON, WA PROPOSED SITE PLAN FOR LOT 402 FILE NO. Z-04-032 SEC. 21, T. 31 N., R. 05 E., W.M.

WATER SYSTEM NOTES:

- 1. WATER PIPE A. DUCTILE IRON PIPE SHALL BE NEW, CLASS 52, CEMENT-LINED, CONFORMING TO ANSI STANDARD A21.51 (AWWA C-151)...

SEWER SYSTEM NOTES:

- 1. PVC PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT, RUBBER GASKET PIPE, CONFORMING TO ASTM 3034 SDR 35...

GRADING AND/OR BUILDING PERMIT NOTES:

- 1. PRIOR TO ISSUANCE OF A BUILDING PERMIT AND IN CONJUNCTION WITH A BUILDING PERMIT APPLICATION, THE FINAL SITE PLAN SHALL COMPLY WITH ALL REQUIREMENTS OF THE LAND USE CODE...

MISC. NOTES:

- 1. THE DEVELOPER SHALL HAVE THE PROPERTY CORNERS SURVEYED AND MARKED PRIOR TO THE REVIEW OF ANY SUBMITTED CONSTRUCTION PLANS...

ROAD & STORM SYSTEM NOTES:

- 1. COMPACTION TESTS ON SUBGRADE AND SURFACING SHALL BE REQUIRED. THE NUMBER OF TESTS SHALL BE AT THE DISCRETION OF THE CITY INSPECTOR...

LIST OF APPLICABLE CITY OF ARLINGTON STANDARD DETAILS:

- R-6 CEMENT CONCRETE SIDEWALK SD-8 OIL/WATER SEPARATOR SD-14 YARD DRAIN S-1 PRE CAST MANHOLE W-1 FIRE HYDRANT ASSEMBLY W-2 DOMESTIC WATER SERVICE W-3 CONCRETE BLOCKING W-13 DOUBLE CHECK VALVE ASSEMBLY (DCVA) W-16 REDUCED PRESSURE BACKFLOW ASSEMBLY (RPBA) S-10 OUTSIDE DROP MANHOLE

CASCADE SURVEYING & ENGINEERING, INC. logo and contact information including phone numbers and address.

Professional Engineer seal for James G. Abbatore, License No. 11570, State of Washington.

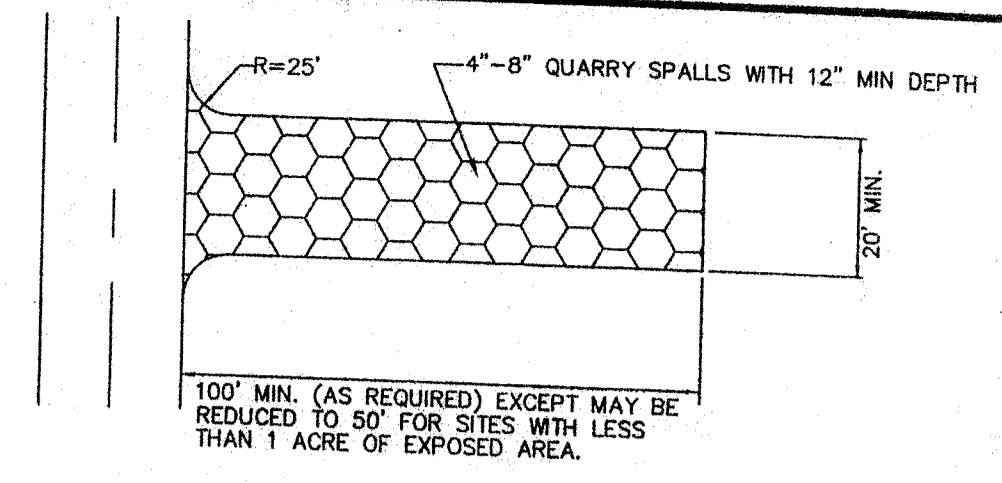
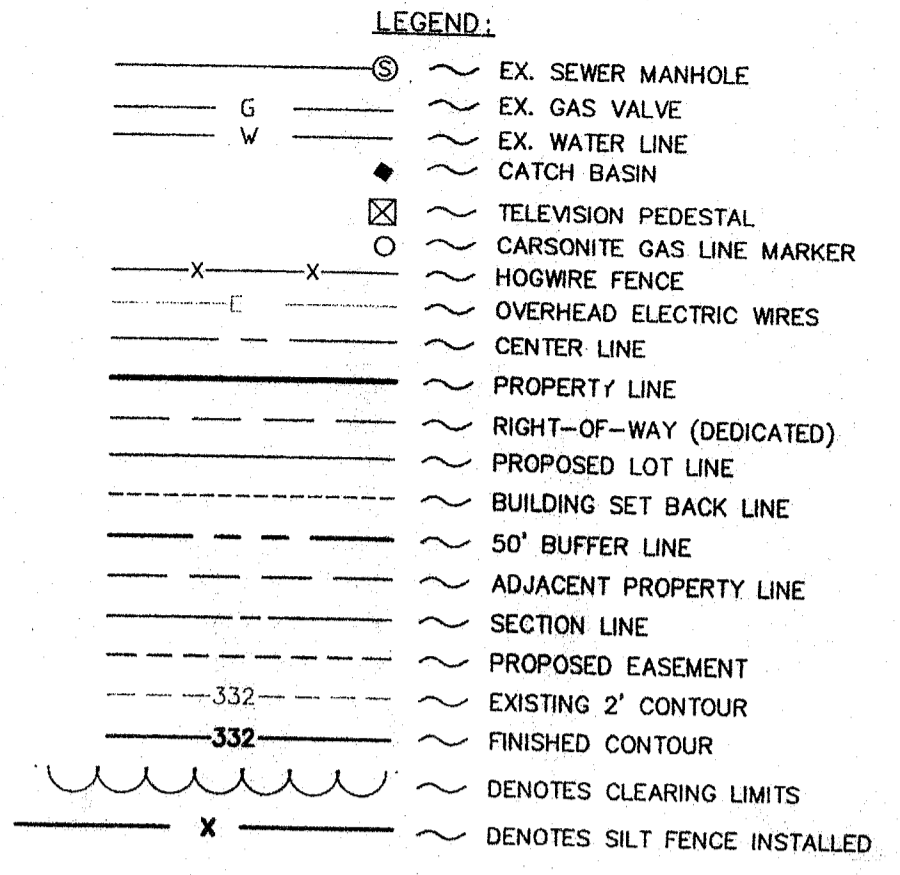
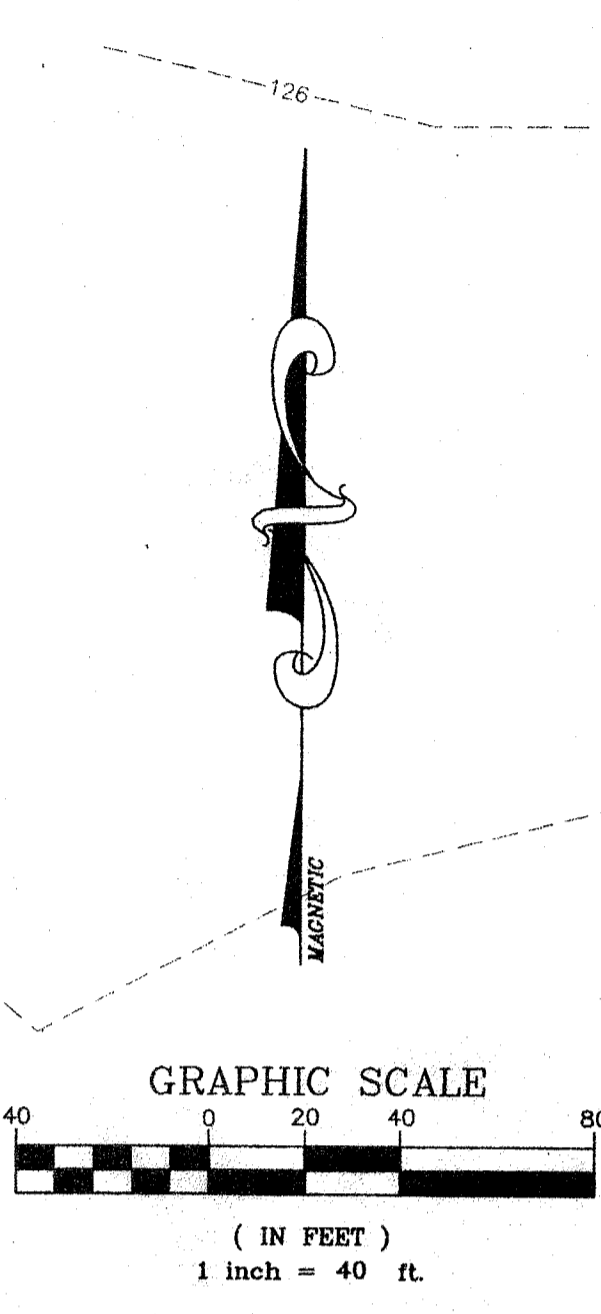
Table with columns: DESIGNED, DATE, DRAWN, DATE, CHECKED, DATE, FIELD BOOK, DATE. Includes dates like 08/05/05 and 09/24/05.

MISC. GENERAL NOTES section with vertical text: IN THE CITY OF ARLINGTON, WA ABBATARE INC. FILE NO. Z-04-032 LOT 402

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

CITY OF ARLINGTON Construction stamp with signature of James G. Abbatore, City Engineer, dated 11/25/06.

IN THE CITY OF ARLINGTON, WA
 PROPOSED SITE PLAN FOR LOT 402
 FILE NO. Z-04-032
 SEC. 21, T. 31 N., R. 05 E., W.M.



APPLICATION:
 PLACE WHERE SHOWN ON PLANS AND AS NECESSARY AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE TRANSPORT OF MUD AND DEBRIS ONTO PUBLIC ROADS.

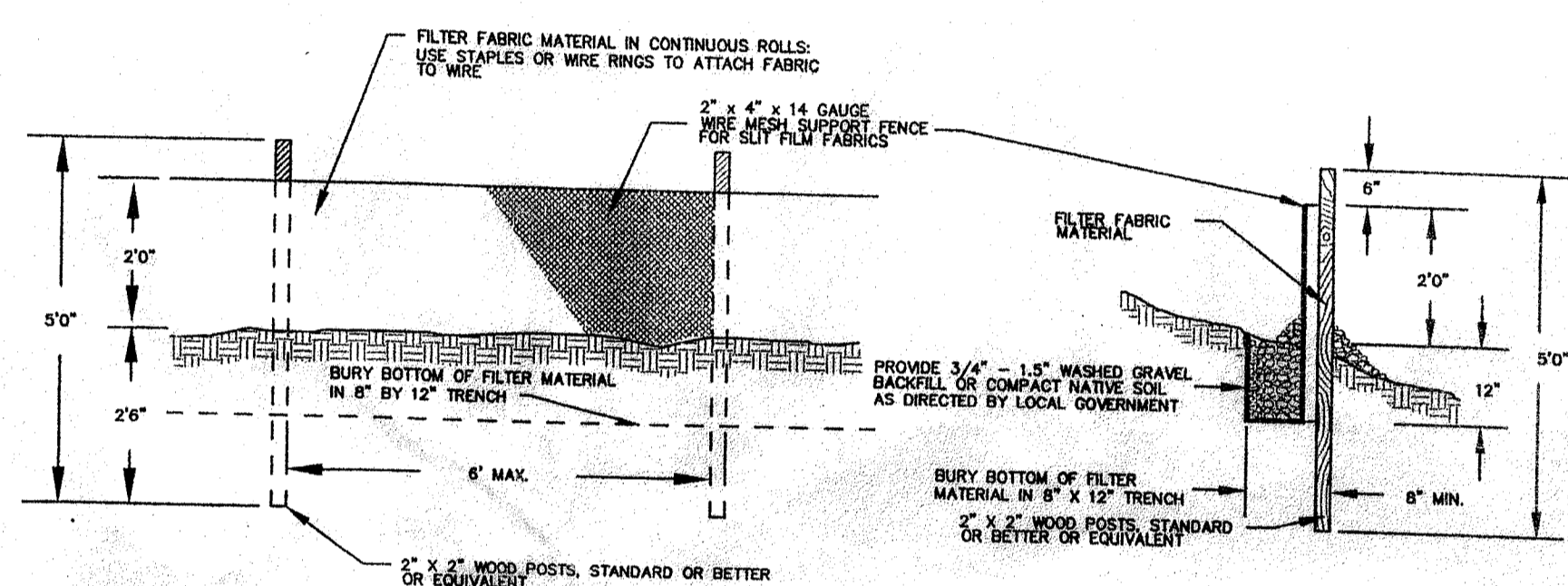
MAINTENANCE:
 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. PERIODIC TOP DRESSING WITH 2" STONE MAY BE REQUIRED, AS CONDITIONS DEMAND. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ALL DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED, FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS.

WASHING:
 IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM THE VEHICLES TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED OFF BEFORE THE VEHICLES ENTER A PUBLIC ROAD. THE WASH WATER MUST BE CARRIED AWAY FROM THE ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.

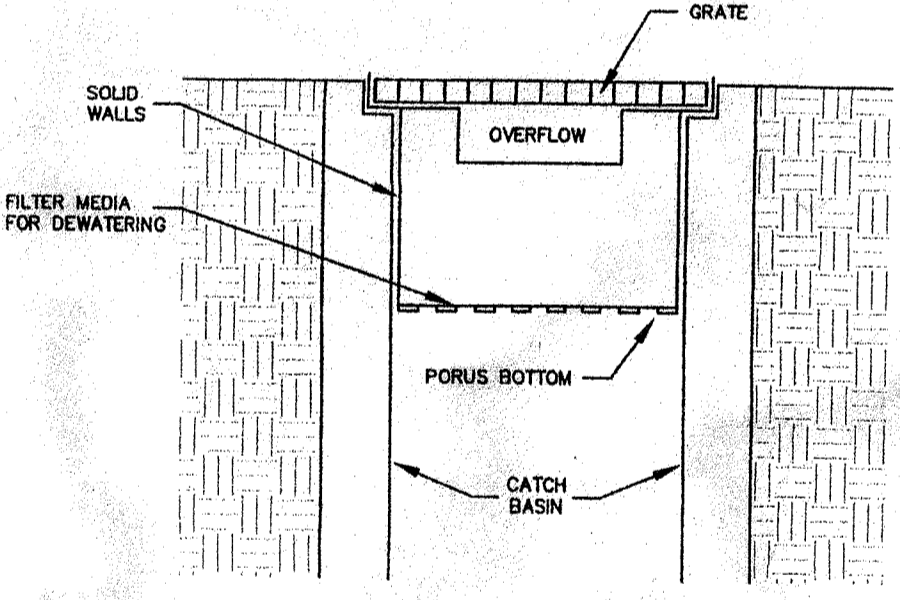
INSTALLATION:
 THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON THE PLANS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECS.

- NOTES:**
1. THE CLEARING LIMITS SHALL BE FROM THE EXISTING ASPHALT TAXIWAY TO THE NORTHEAST, THE EXISTING ASPHALT TO THE SOUTHWEST, AND THE PROPERTY LINE TO THE NORTHWEST OF THE SITE. THE SILT FENCE SHALL BE INSTALLED ONE (1) FOOT INSIDE THE PERIMETER OF THE SITE TO THE EXISTING ASPHALT ROAD. THE CITY ENGINEER TO MAKE A FIELD DETERMINATION AS TO ANY TESC MEASURES NEEDED TO PROTECT THE AQUIFER AREA. (SEE NOTE 12 UNDER T.E.S.C. NOTES ON SHEET 2.)
 2. THE ASPHALT REMOVAL SHALL BE TO SAW CUT THE EDGE OF ASPHALT WHERE APPLICABLE. THE CITY ENGINEER TO MAKE A FIELD DETERMINATION AS TO THE ACTUAL AREA OF ASPHALT TO BE REMOVED.
 3. THE CONTRACTOR MUST OBTAIN A R/W PERMIT PRIOR TO WORKING IN THE PUBLIC RIGHT OF WAY.
 4. THE CONTRACTOR MUST FOLLOW THE CITY OF ARLINGTON TRAFFIC CONTROL PLAN 1 OR 2 PER THE STANDARD PLANS #R 17 OR R 18.
 5. IF ANY ARCHAEOLOGICAL MATERIALS ARE DISCOVERED ON THE SITE, THE DEVELOPER SHALL CONTACT THE STATE HISTORICAL PRESERVATION OFFICER, THE STILLAGAMUSH TRIBE, AND THE CITY OF ARLINGTON. THE DEVELOPER SHALL TAKE MEASURES TO PRESERVE THE MEASURES AND THE SITE.
 6. THE CONTRACTOR SHALL PROVIDE A TEMPORARY ROCK PAD AT ALL ACCESS POINTS INTO THE SITE THROUGHOUT THE CONSTRUCTION PHASE.
 7. DURING ANY SITE GRADING OR CLEARING ACTIVITY, THE DEVELOPER AND CONTRACTOR SHALL USE ALL AVAILABLE MEANS OF CONTROLLING AIR POLLUTION (DUST, ASH, SMOKE, ETC.). THE DEVELOPER AND CONTRACTOR SHALL FOLLOW ALL APPLICABLE NOISE AND NUISANCE CODES.
 8. THE CONTRACTOR SHALL NOT TRACK MUD AND DIRT ONTO THE PUBLIC RIGHTS OF WAY OR EXISTING AIRCRAFT TAXIWAYS/TAXILANES. EVEN IF BY ACCIDENT, SHALL CLEAN IT UP IMMEDIATELY.

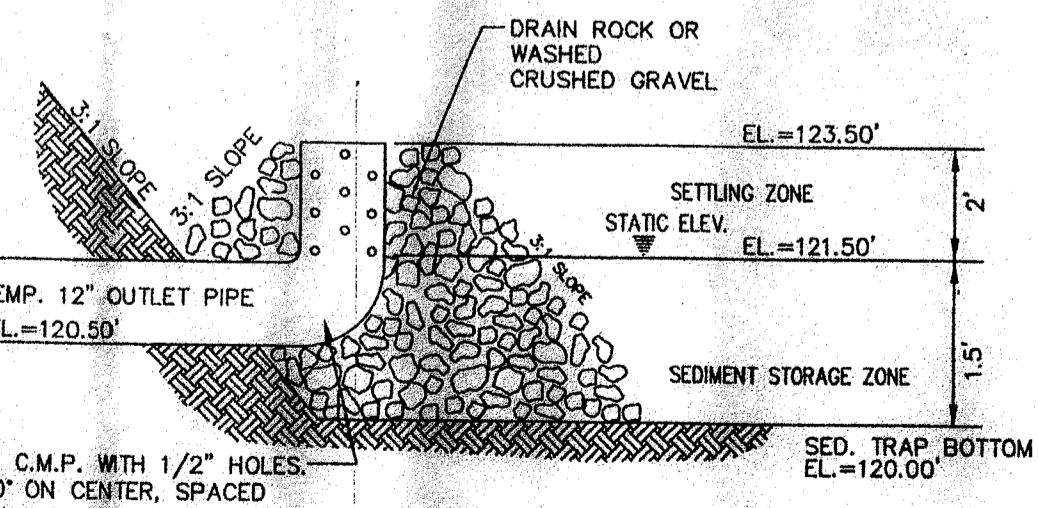
1 TEMP. GRAVEL CONSTRUCTION ENTRANCE
 N.T.S.



2 FILTER FABRIC FENCE DETAIL
 N.T.S.



3 CATCHBASIN INSERT DETAIL
 N.T.S.



4 TEMPORARY OUTLET DETAIL
 N.T.S.

T.E.S.C. NOTES:

1. NON-COMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
2. PRIOR TO ANY SITE CONSTRUCTION TO INCLUDE CLEARING, LOGGING OR GRADING THE SITE/LOT CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR/ENGINEER AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR/ENGINEER'S NAME AND TELEPHONE NUMBER ARE CASCADE SURVEYING AND ENGINEERING, (360) 435-5551.
3. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM, ESTABLISHED BY THE CITY ENGINEER.
4. THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITY SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING IN ACCORDANCE WITH THE APPROVED TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
5. ALL SITE WORK MUST COMPLY TO CHAPTER 33 OF THE IBC. (2003 EDITION)
6. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.
7. PUBLIC STREETS AND AIRCRAFT TAXIWAYS/TAXILANES ARE TO BE KEPT CLEAR OF DIRT AND DEBRIS DURING EXCAVATION AND FILL OPERATIONS.
8. THE SITE SOILS MAY BE SUSCEPTIBLE TO DISTURBANCE BY CONSTRUCTION EQUIPMENT, PARTICULARLY DURING PERIODS OF WET WEATHER. THE GRADING CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EXCESSIVE RUNOFF EROSION.
9. ALL DISTURBED AREAS AND TEMPORARY STOCK PILES SHALL BE SEEDDED WITH A TEMPORARY SEED MIX CONSISTING OF 10% COLONIAL BENTGRASS, 40% PERENNIAL RYE, 40% CREEPING RED FESCUE, 10% WHITE CLOVER. HYDRO-SEED PREFERRED.
10. CATCH BASIN INSERTS SHALL BE INSTALLED IN ALL EXISTING CATCH BASINS THAT ARE DOWNSTREAM OF ACTIVE CONSTRUCTION ENTRANCES.
11. INFILTRATION SYSTEMS ARE NOT TO BE USED TO CONTROL STORMWATER DURING CONSTRUCTION. ANY STORMWATER FLOWS DURING CONSTRUCTION TO BE DIRECTED TO A 2' DEEP TEMPORARY POND WITH 3:1 SIDE SLOPES. ADDITIONAL TEMPORARY PONDS MAY BE UTILIZED AS NECESSARY DURING CONSTRUCTION. TEMPORARY PONDS MUST BE LOCATED AT LEAST 10' FROM ANY PROPOSED INFILTRATION SYSTEM.
12. DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED AS FOLLOWS:
 FROM OCTOBER 1 TO APRIL 30 : WITHIN 2 DAYS
 FROM MAY 1 TO SEPTEMBER 30 : WITHIN 7 DAYS
13. EROSION CONTROL MEASURES SHOWN HERE ON ARE THE MINIMUM MEASURES TO BE INSTALLED. CONTRACTOR TO UTILIZE MORE INTENSIVE MEASURES AS NECESSARY TO MEET CHANGING SITE CONDITIONS.
14. TEMPORARY DITCHES TO BE INSTALLED AS DIRECTED BY THE CITY ENGINEER DURING SITE GRADING. ROCK-CHECK-DAMS TO BE UTILIZED ON AN AS NEEDED BASIS.
15. WATER QUALITY MATERIALS (ROCK/STRAW/PLASTIC, ETC.) SHALL BE KEPT AND MAINTAINED ONSITE AT ALL TIMES.

CITY OF ARLINGTON
 CONSTRUCTION
 THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.
 BY: *Greg G. [Signature]*
 CITY ENGINEER
 DATE: *1/20/06*

CALL 48 HOURS
 BEFORE YOU DIG
 1-800-424-5555

CASCADE SURVEYING & ENGINEERING, INC.
 Planners Surveyors Engineers
 P.O. BOX 326
 ARLINGTON, WASHINGTON 98223
 (360)435-5551
 1-800-563-5551

DESIGNED: *JD* DATE: *08/05*
 DRAWN: *LD/AD* DATE: *08/24/05*
 CHECKED: *RD* DATE: *09/05*
 FIELD BOOK: *ARL 78 & B5*

IN THE CITY OF ARLINGTON, WA
ABBATARE INC.
 FILE NO. Z-04-032
 LOT 402
T.E.S.C. PLAN

3 OF 7
 # 15665
 I:\NDPRJ\15665\DWG\XREF\15665GR.DWG. (TESC) XREF\15665GR.DWG. (TESC)

IN THE CITY OF ARLINGTON, WA
 PROPOSED SITE PLAN FOR LOT 402
 FILE NO. Z-04-032
 SEC. 21, T. 31 N., R. 05 E., W.M.

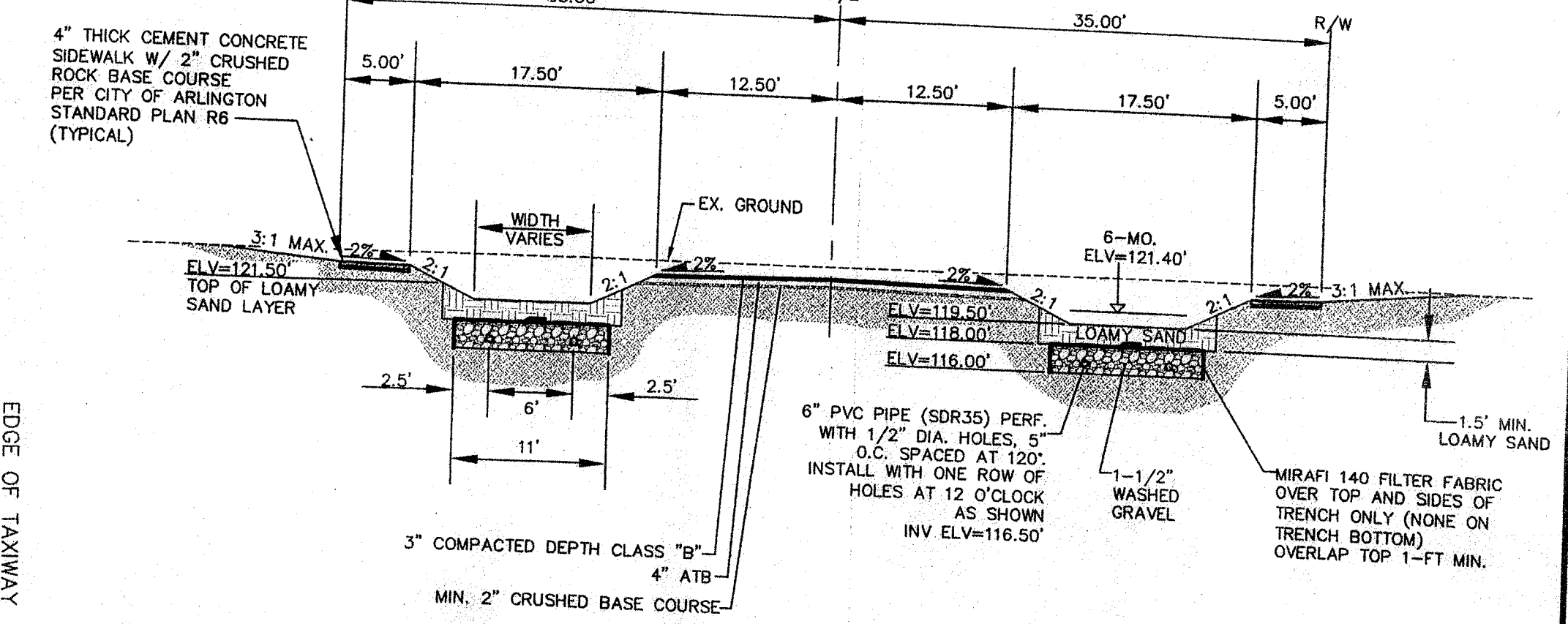
CASCADE SURVEYING & ENGINEERING, INC.
 Planners & Surveyors
 Engineers
 P.O. BOX 326
 ARLINGTON, WASHINGTON 98223
 (360)435-5551
 1-800-363-5651



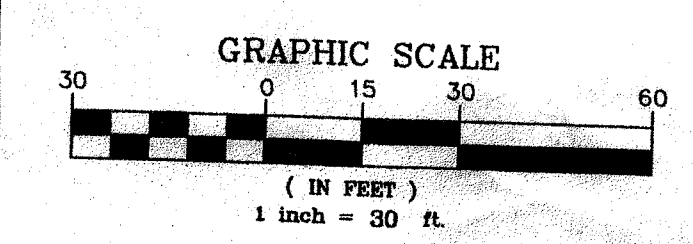
DESIGNED	J.D.	DATE	08/05
DRAWN	J.D./A.D.	DATE	08/24/05
CHECKED	R.C.	DATE	08/05
FIELD BOOK	ABL 78 & 85		
REVISION		DATE	BY
		12/05	ME
		11-22-05	ME
		08/05	ME

IN THE CITY OF ARLINGTON, WA
 ABBATARE INC.
 FILE NO. Z-04-032
 LOT 402
 GRADING PLAN

CALL 48 HOURS BEFORE YOU DIG
 1-800-424-5555



- NOTES:**
- IN WIDENING AREAS, THE EXISTING PAVEMENT EDGE SHALL BE SAW-CUT TO LEAVE A JOINT POINT. ANY TRAFFIC STRIPING REMOVED OR DAMAGED DURING WIDENING WORK SHALL BE REPLACED IN KIND OR AS DIRECTED BY THE CITY ENGINEER.
 - COMPACTION TESTS ON SUBGRADE AND SURFACING SHALL BE REQUIRED. THE NUMBER OF TESTS SHALL BE AT THE DISCRETION OF THE CITY INSPECTOR. ALL TESTING SHALL BE THROUGH A LICENSED TESTING LABORATORY. THE MINIMUM COMPACTION SHALL BE 95% OF MAXIMUM DENSITY ON BOTH SUBGRADE AND SURFACING.
 - ADJUSTMENT OF CATCHBASIN LIDS OR GRATES, MONUMENT CASES, VALVE BOXES, ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (RAISED OR CUT IN).
 - ROADWAY SECTION MAY BE ADJUSTED WITH THE APPROVAL OF THE CITY ENGINEER UPON SUBMISSION OF SUBSTANTIATING ENGINEERING DATA (CBR, ETC.) TO SUPPORT THE ADJUSTMENT. FOR DESIGN PURPOSES, THE MINIMUM THICKNESS OF CLASS B ASPHALT SHALL BE 3" COMPACTED DEPTH. COMPACTION SHALL BE AN AVERAGE OF 92% OF DRY DENSITY, WSDOT TEST METHOD 705.



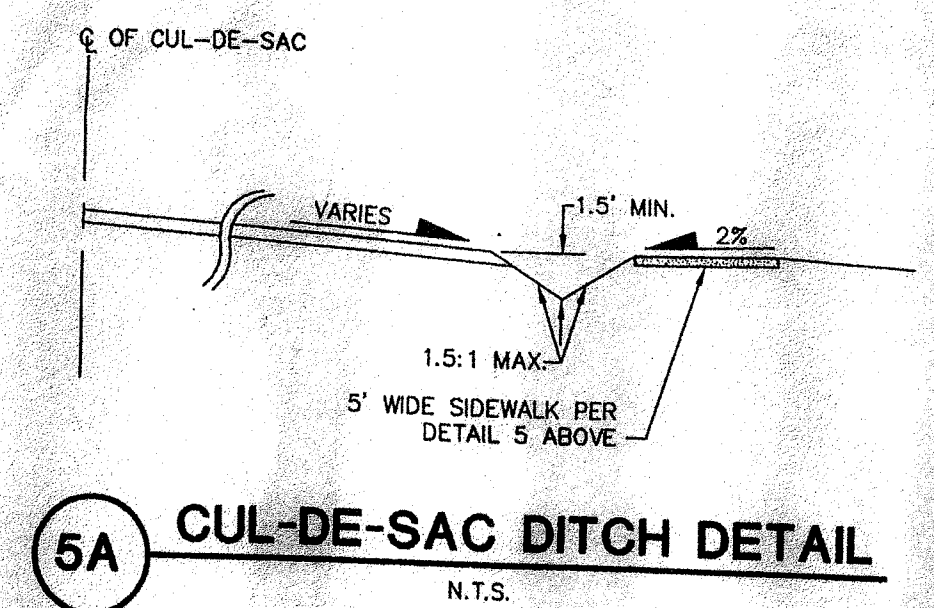
5 ROADWAY SECTION (R-1)
 N.T.S.

GRADING VOLUME CALCULATIONS:

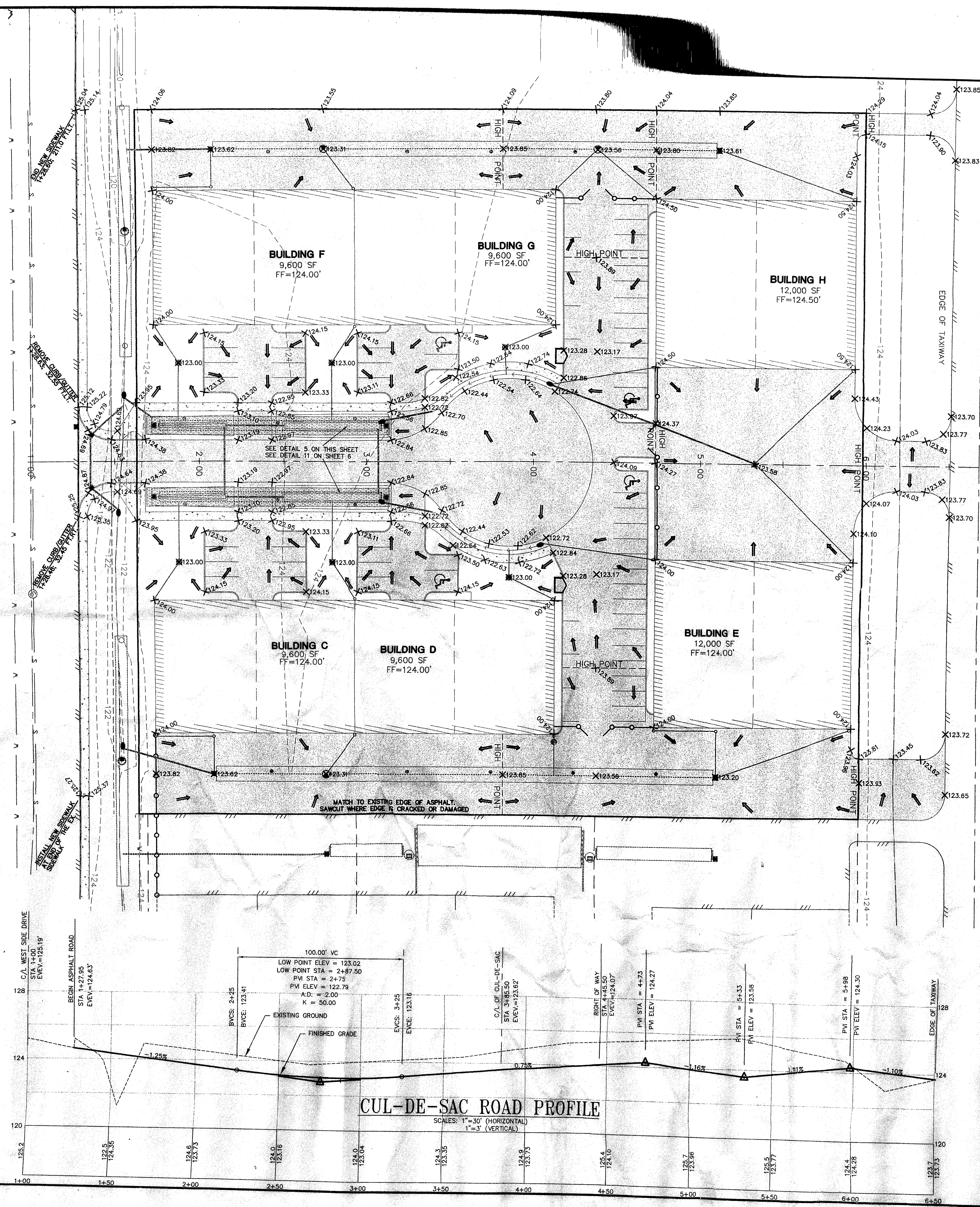
DESIGN
CUT VOLUME = 10,290 CUBIC YARDS
FILL VOLUME = 100 CUBIC YARDS

- GRADING NOTES:**
- GRADING QUANTITIES WERE DERIVED USING AUTODESK LAND DEVELOPMENT DESKTOP SOFTWARE.
 - FILL AREAS WILL UTILIZE MATERIAL FROM THE SITE IF DETERMINED TO BE SUITABLE BY A GEOTECHNICAL ENGINEER.
 - CUT MATERIAL NOT USED IN FILL AREAS WILL BE HAULED OFFSITE TO AN APPROVED COUNTY LANDFILL OR VENDOR.
 - GRADING QUANTITIES REPRESENT THE VOLUME OF EARTH BETWEEN THE EXISTING GRADE AND THE SUBGRADE.
 - GRADING QUANTITIES DO NOT ACCOUNT FOR ANY ADDITIONAL ORGANIC STRIPPING REQUIRED BEYOND THE SUBGRADE THAT MAY BE NECESSARY TO REACH A SUITABLE BASE.
 - GRADING SPOT ELEVATIONS REPRESENT FINISHED GRADE TOP OF ASPHALT.
 - GRADING QUANTITIES DO NOT ACCOUNT FOR UTILITY TRENCH EXCAVATION, INSTALLATION OR BACKFILL.

- LEGEND:**
- EX. SEWER MANHOLE
 - EX. GAS VALVE
 - EX. WATER LINE
 - CATCH BASIN
 - TELEVISION PEDESTAL
 - CARBONITE GAS LINE MARKER
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 - ADJACENT PROPERTY LINE
 - SECTION LINE
 - PROPOSED EASEMENT
 - EXISTING 2' CONTOUR
 - FINISHED CONTOUR
 - PROPOSED BLACK VINYL CHAIN LINK FENCE

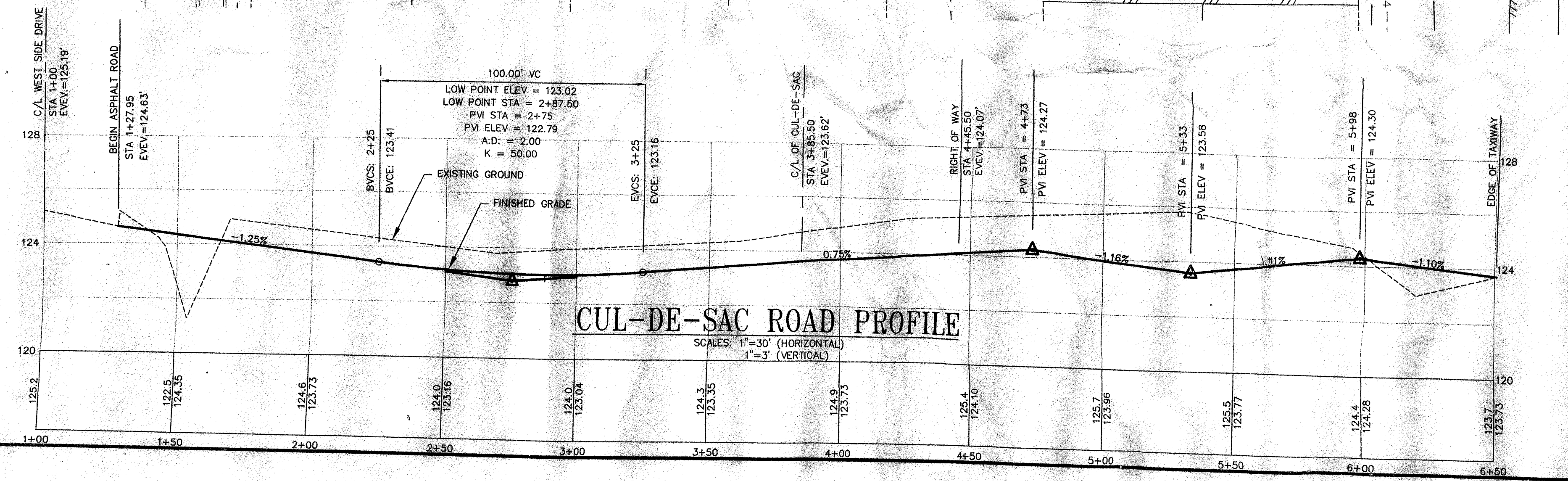


5A CUL-DE-SAC DITCH DETAIL
 N.T.S.

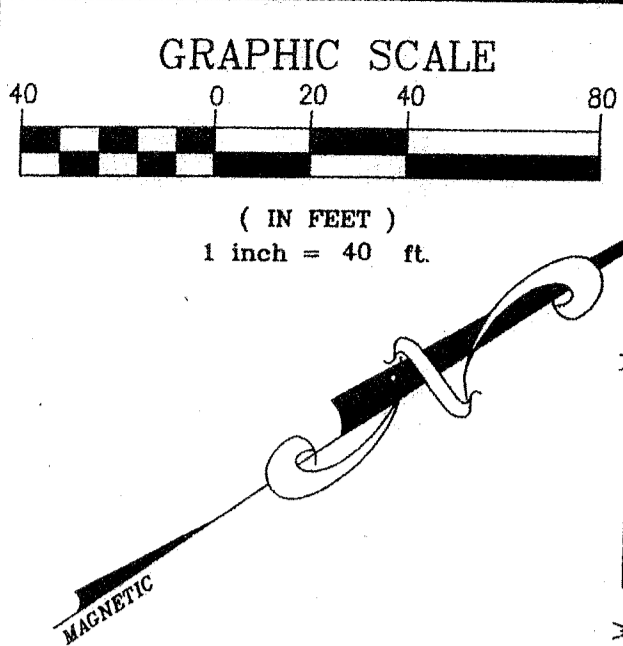


CUL-DE-SAC ROAD PROFILE

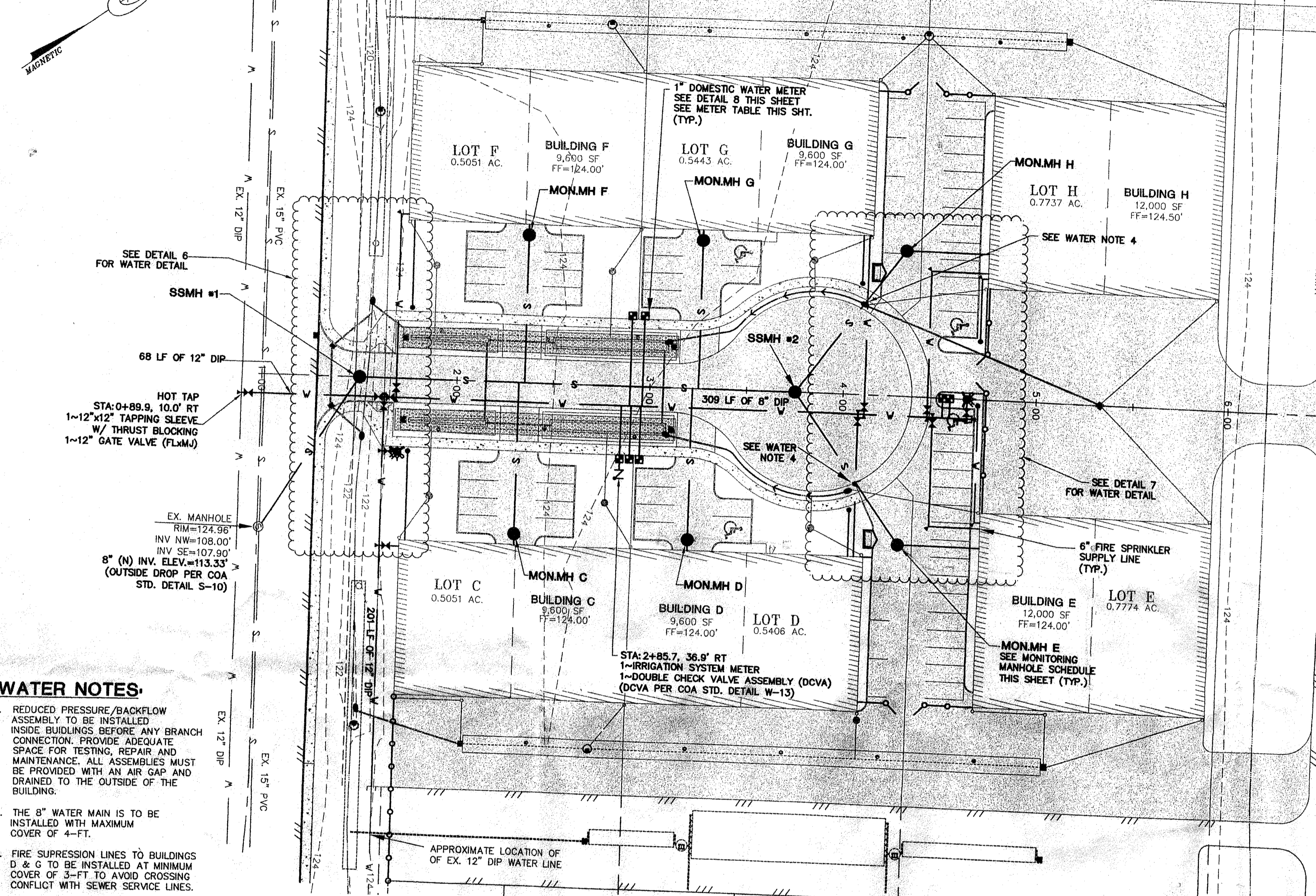
SCALES: 1"=30' (HORIZONTAL)
 1"=3' (VERTICAL)



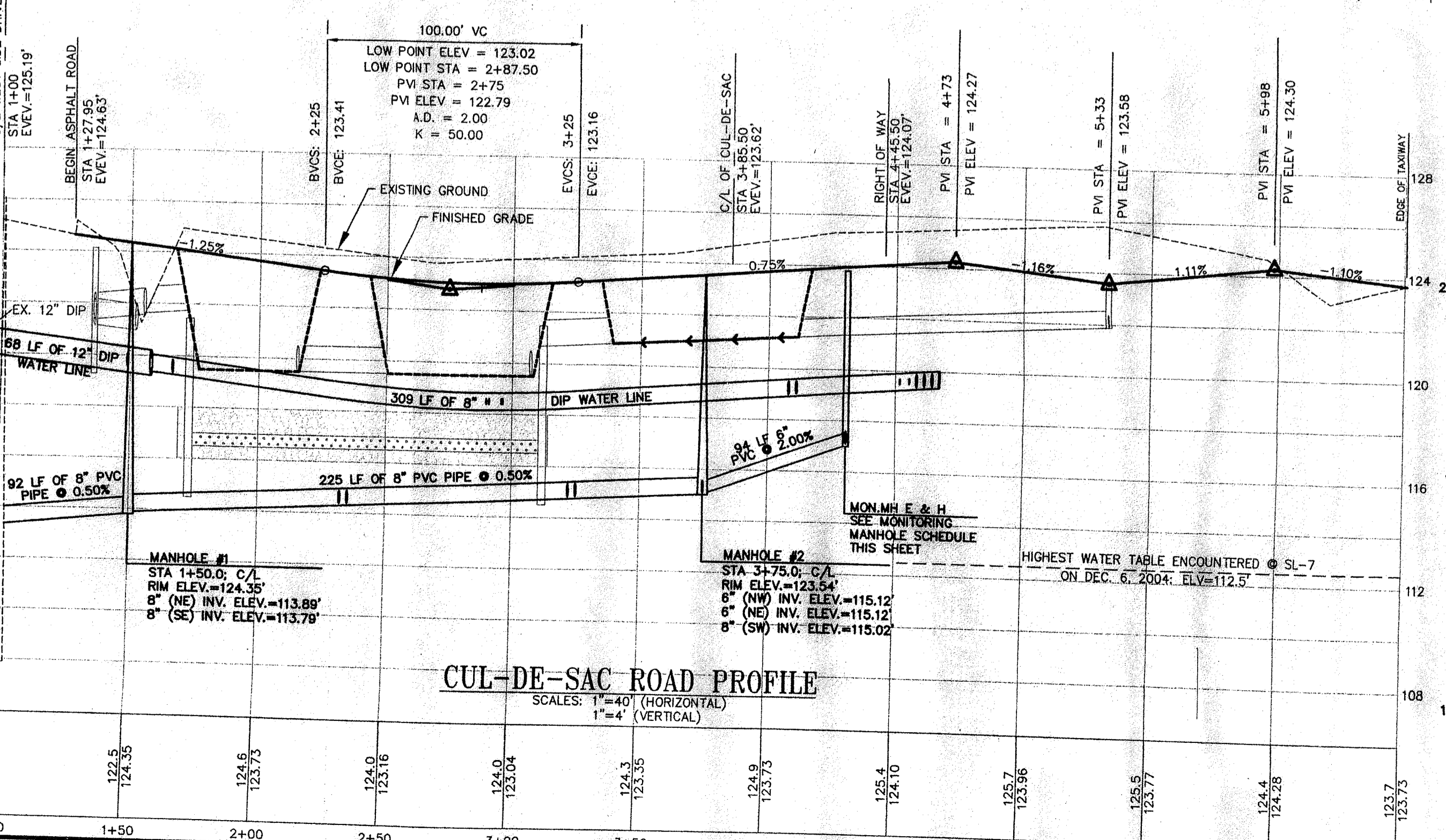
CITY OF ARLINGTON
 THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.
 BY: [Signature]
 CITY ENGINEER
 DATE: 1/20/06



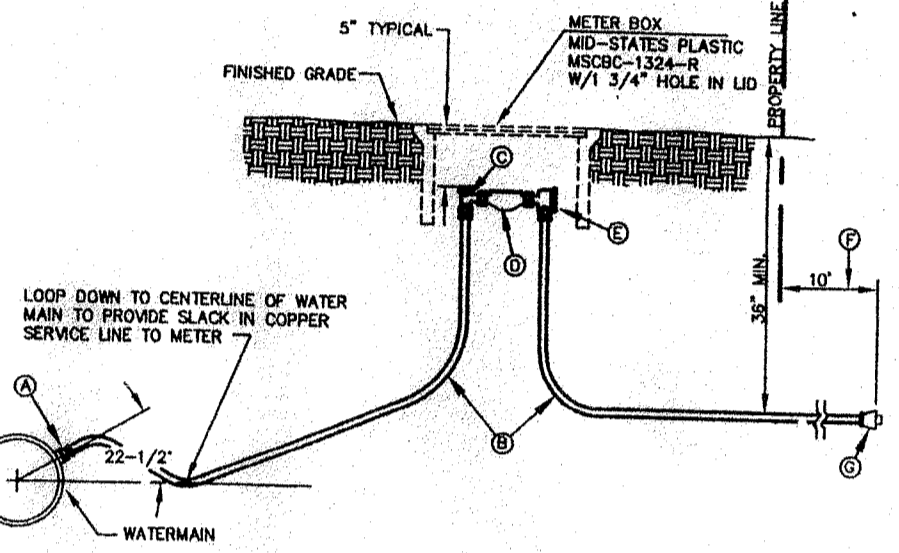
**IN THE CITY OF ARLINGTON, WA
PROPOSED SITE PLAN FOR LOT 402
FILE NO. Z-04-032
SEC. 21, T. 31 N., R. 05 E., W.M.**



- WATER NOTES:**
- REDUCED PRESSURE/BACKFLOW ASSEMBLY TO BE INSTALLED INSIDE BUILDINGS BEFORE ANY BRANCH CONNECTION. PROVIDE ADEQUATE SPACE FOR TESTING, REPAIR AND MAINTENANCE. ALL ASSEMBLIES MUST BE PROVIDED WITH AN AIR GAP AND DRAINED TO THE OUTSIDE OF THE BUILDING.
 - THE 8" WATER MAIN IS TO BE INSTALLED WITH MAXIMUM COVER OF 4'-FT.
 - FIRE SUPPRESSION LINES TO BUILDINGS D & G TO BE INSTALLED AT MINIMUM COVER OF 3'-FT TO AVOID CROSSING CONFLICT WITH SEWER SERVICE LINES.
 - IF 18 INCHES OF VERTICAL SEPERATION CAN NOT BE ACHIEVED (INVERT OF WATER TO CROWN OF SEWER) OR IF THE WATER LINE IS TO BE PLACED UNDER THE SEWER THEN THE SEWER MAIN SHALL BE CASED IN A 20 FT LONG 1/4" STEEL CASING CENTERED ON THE POINT OF CROSSING.
 - ALL ASSEMBLIES SHALL APPEAR ON THE STATE OF WASHINGTON DEPARTMENT OF HEALTH LIST OF APPROVED ASSEMBLIES.
 - ALL ASSEMBLIES SHALL BE TESTED BY A STATE OF WASHINGTON CERTIFIED BACKFLOW ASSEMBLY TESTER AT THE OWNER'S EXPENSE.
 - THE CITY OF ARLINGTON WATER DEPARTMENT SHALL INSPECT THE ASSEMBLIES AFTER THEY HAVE BEEN TESTED. A COPY OF THE TEST REPORT MUST BE PROVIDED TO THE CITY OF ARLINGTON PRIOR TO CALLING FOR THE INSPECTION.



- LEGEND:**
- EX. SEWER MANHOLE
 - EX. GAS VALVE
 - EX. WATER LINE CATCH BASIN
 - TELEVISION PEDESTAL
 - CARBONITE GAS LINE MARKER
 - HOGWIRE FENCE
 - OVERHEAD ELECTRIC WIRES
 - CENTER LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY (DEDICATED)
 - PROPOSED LOT LINE
 - BUILDING SET BACK LINE
 - 50' BUFFER LINE
 - ADJACENT PROPERTY LINE
 - SECTION LINE
 - PROPOSED EASEMENT
 - EXISTING 2' CONTOUR
 - FINISHED CONTOUR
 - PROPOSED BLACK VINYL CHAIN LINK FENCE
 - PROPOSED HYDRANT ASSEMBLY
 - PROPOSED WATER LINE W/FIRE HYDRANT
 - PROPOSED SEWER LINE W/MANHOLE & STUB
 - PROPOSED STORM LINE
 - DEMOTES PROPOSED WATER SERVICE (METER BOX)



WATER METER TABLE

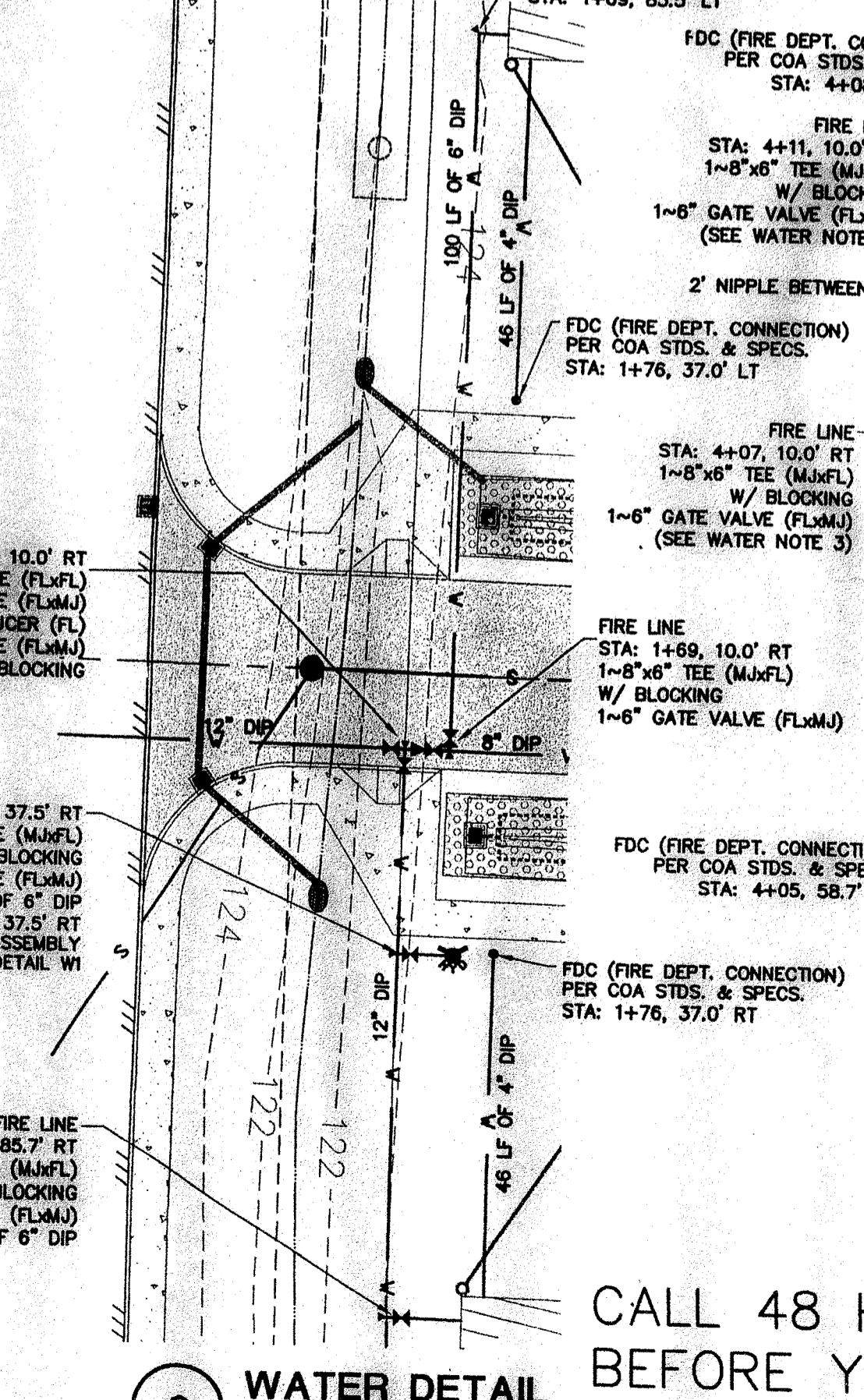
BUILDING	STATION / OFFSET
C	2+91 / 37.0' RT
F	2+90 / 37.0' LT
D	2+98 / 37.0' RT
E	2+97 / 37.0' LT
G	4+51 / O.C.
H	4+55 / O.C.

MONITORING MANHOLE SCHEDULE

MONITORING MH	TYPE/SIZE	STATION / OFFSET	RIM ELEVATION	UPSTREAM INVERT	DOWNSTREAM INVERT
C	TYPE II/48"	2+32 / 77.0' RT	123.90'	117.50'	117.40'
F	TYPE II/48"	2+35 / 77.0' RT	123.90'	117.50'	117.40'
D	TYPE II/48"	3+22 / 77.0' RT	123.90'	117.50'	117.40'
G	TYPE II/48"	3+25 / 77.0' LT	123.90'	117.50'	117.40'
E	TYPE II/48"	4+30.5 / 75.5' LT	123.50'	117.10'	117.00'
H	TYPE II/48"	4+30.5 / 75.5' LT	123.50'	117.10'	117.00'

- NOTES:**
- CORPORATION STOP SHALL BE A BALL CORPORATION, EITHER FORD OR MUELLER X MPT OR CO. THREADS. ALL OTHERS MUST BE APPROVED BY THE CITY OF ARLINGTON.
 - CTS CLASS 200 HI MOL POLYPIPE. A #10 COPPER TRACE WIRE IS REQUIRED ON BOTH SIDES.
 - ANGLE BALL METER VALVE WITH LOCK WINGS, 1" 110 COMPRESSION X 3/4" METER. 1" SERVICES SHALL BE 1" 110 COMPRESSION X METER.
 - BLANK STUB THE LENGTH OF FUTURE WATER METER. (LENGTH VARIES DEPENDING ON SERVICE SIZE.)
 - 90° ANGLE CHECK COUPLING W/110 ADAPTER. 3/4" X 3/4" W/ 3/4" M.L.P. X 1" COMPRESSION.
 - CTS CLASS 200 HI MOL POLYPIPE W/#10 COPPER TRACE WIRE. EXTEND 10' BEYOND PROPERTY LINE.
 - MUELLER 110 X 1" FEMALE ADAPTER AT END.

1" DOMESTIC WATER SERVICE (W2)



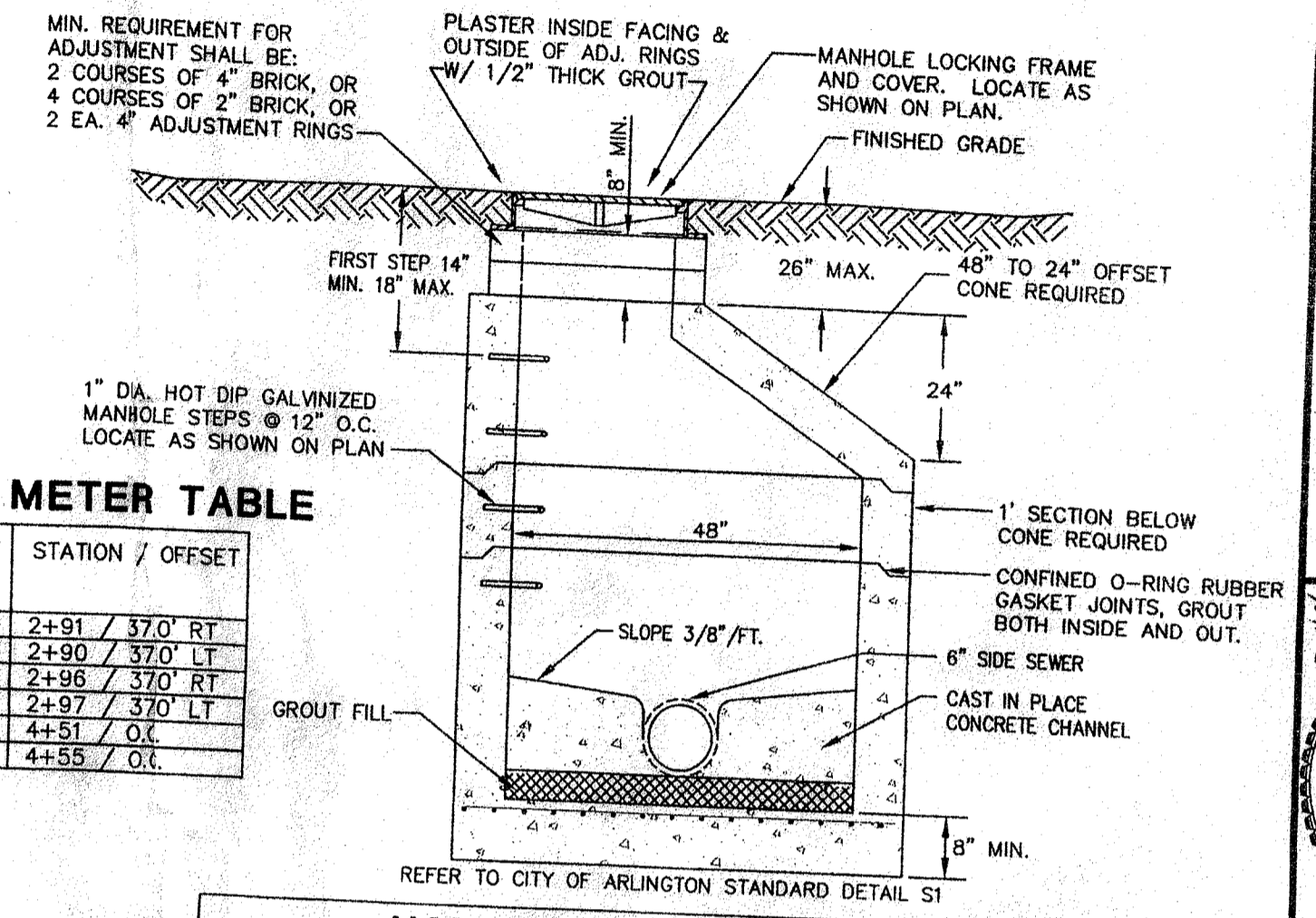
SIDE SEWER STUB SCHEDULE

ON-SITE - SANITARY SEWER LATERALS

BLD. #	DIST. FROM DOWNSTREAM MAN HOLE #	DIRECTION	STATION	PIPE MAIN ELEV	PIPE LENGTH & SLOPE	MONITORING MH	DOWNSTREAM INVERT @ MONITORING MH
BLD. C	82 LF. MH #1	SE	2+32	114.30'	77 LF OF 6" PVC @ 4.03%		117.4'
BLD. F	85 LF. MH #1	NW	2+35	114.32'	77 LF OF 6" PVC @ 4.00%	C	117.4'
BLD. D	172 LF. MH #1	SE	3+22	114.75'	77 LF OF 6" PVC @ 3.44%	F	117.4'
BLD. G	175 LF. MH #1	NW	3+25	114.77'	77 LF OF 6" PVC @ 3.42%	D	117.4'
BLD. E	0 LF. MH #2	NE	3+75	115.12'	94 LF OF 6" PVC @ 2.00%	E	117.4'
BLD. H	0 LF. MH #2	N	3+75	115.12'	94 LF OF 6" PVC @ 2.00%	H	117.0'

SEWER CONSTRUCTION NOTES:

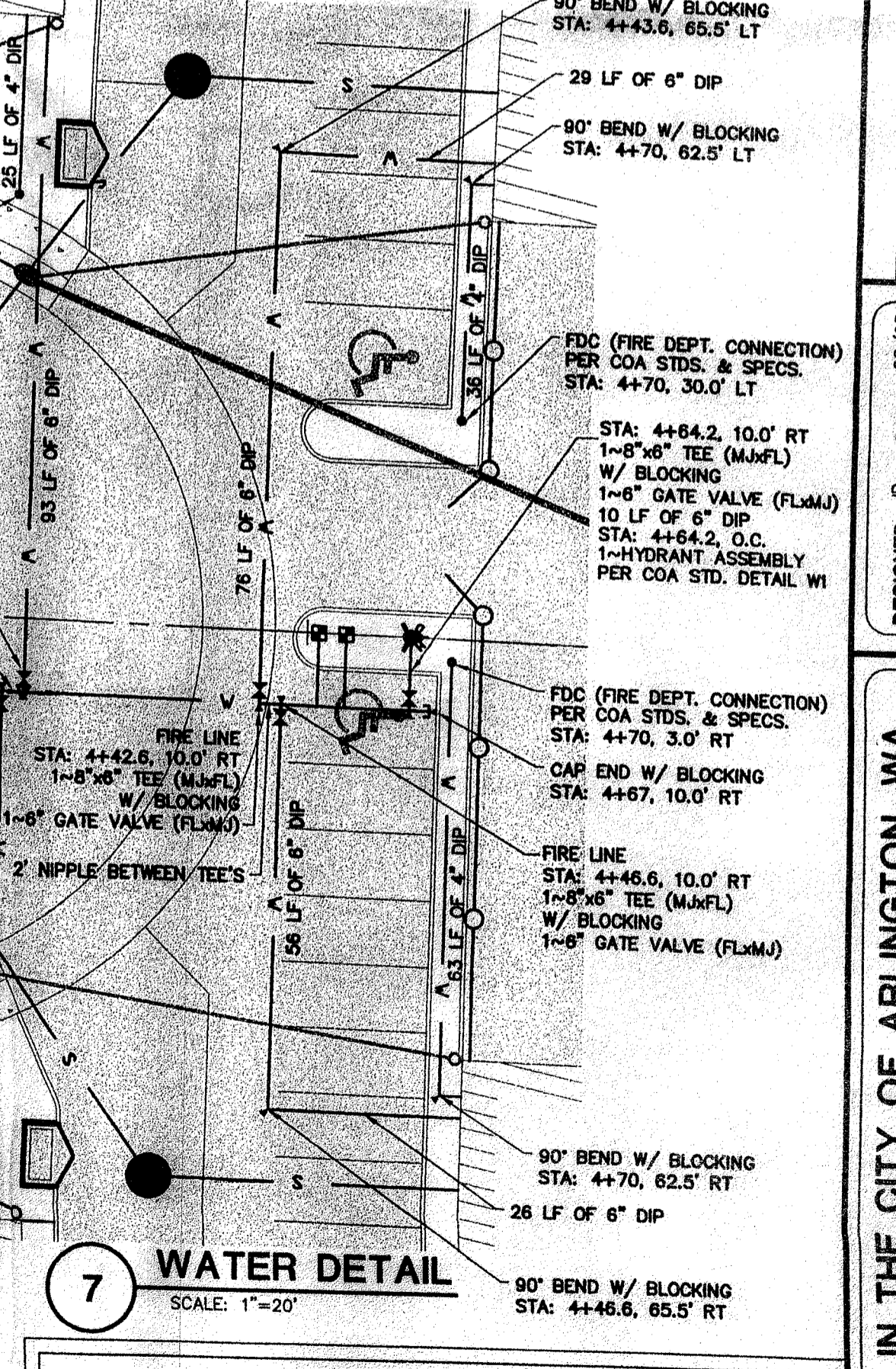
- ALL SANITARY SIDE SEWER LATERALS ARE DIMENSIONED FROM THE CENTER OF THE DOWNSTREAM MANHOLE.
- THE CONTRACTOR TO CONTACT VIRGIL RENFROE TO VERIFY THAT HE HAS THE LATEST STANDARD PLANS.
- ALL SANITARY SIDE SEWER LATERALS MUST BE CONNECTED TO THE MAIN LINE WITH A TEE.
- MONITORING MANHOLES IN THE PAVED AREAS MUST BE GRADED SO THAT THEY ARE HIGHER THAN THE SURROUNDING PAVEMENT TO PREVENT INFLOW.



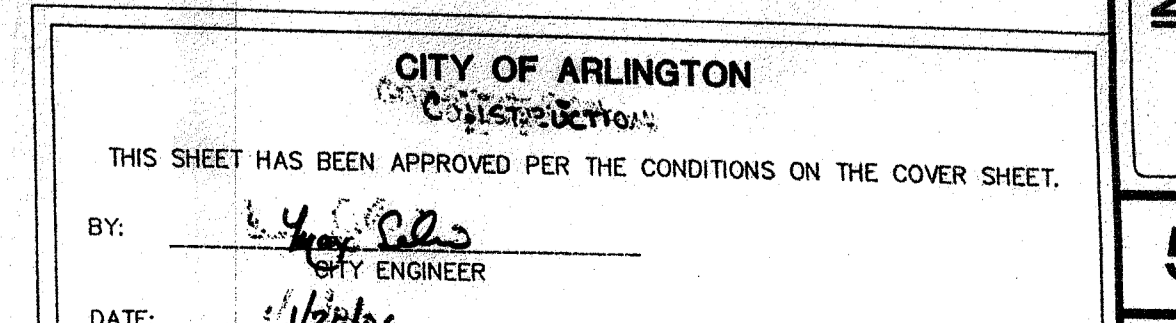
MONITORING MANHOLE SCHEDULE

MONITORING MH	TYPE/SIZE	STATION / OFFSET	RIM ELEVATION	UPSTREAM INVERT	DOWNSTREAM INVERT
C	TYPE II/48"	2+32 / 77.0' RT	123.90'	117.50'	117.40'
F	TYPE II/48"	2+35 / 77.0' RT	123.90'	117.50'	117.40'
D	TYPE II/48"	3+22 / 77.0' RT	123.90'	117.50'	117.40'
G	TYPE II/48"	3+25 / 77.0' LT	123.90'	117.50'	117.40'
E	TYPE II/48"	4+30.5 / 75.5' LT	123.50'	117.10'	117.00'
H	TYPE II/48"	4+30.5 / 75.5' LT	123.50'	117.10'	117.00'

MONITORING MANHOLE DETAIL



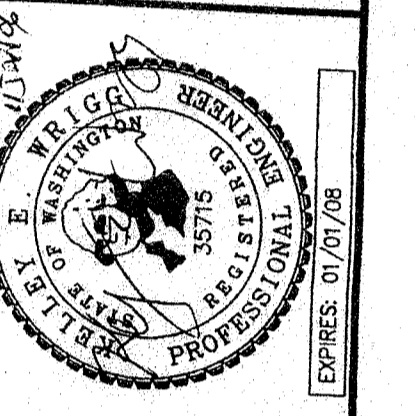
WATER DETAIL



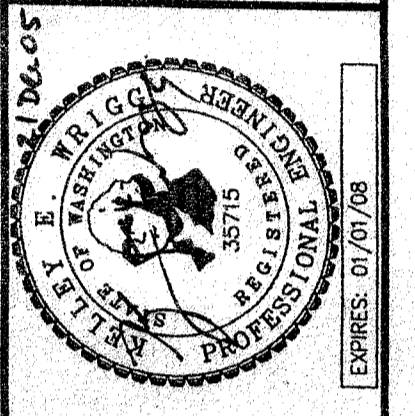
CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

CITY OF ARLINGTON
CONSTRUCTION
THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.
BY: *[Signature]*
DATE: 1/22/06

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors
P.O. BOX 782
ARLINGTON, WASHINGTON 98223
REV. PER C.O.A. LETTER (1-10-08)
COA SITE CIVIL REVIEW (11-22-05)
R.E.V.I.S.I.O.N.
DESIGNED: JD DATE: 08/05
DRAWN: ZADATE 09/24/05
CHECKED: NEW DATE: 09/05
FIELD BOOK: ARL 78 & 85



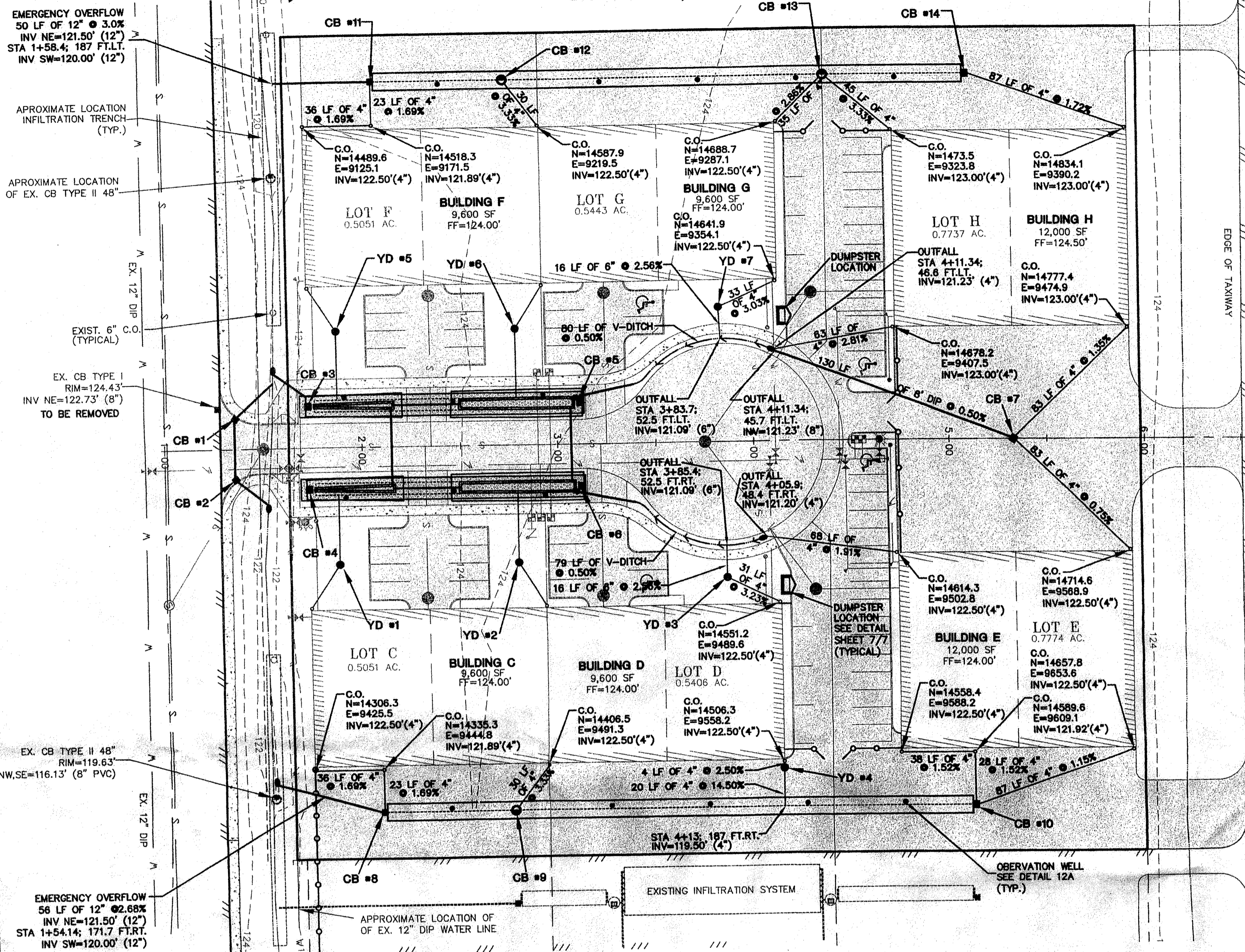
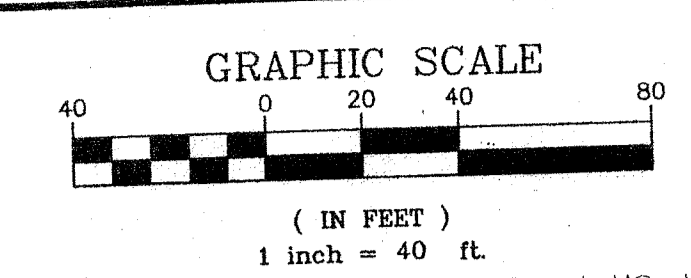
IN THE CITY OF ARLINGTON, WA
ABBATARE INC.
FILE NO. Z-04-032
LOT 402
SEWER & WATER PLANS



DESIGNED	DATE	08/05
DRAWN	DATE	08/24/05
CHECKED	DATE	08/05
FIELD BOOK	DATE	ARL 7/8 & 8/5
REVISION	DATE	12/05
BY	DATE	

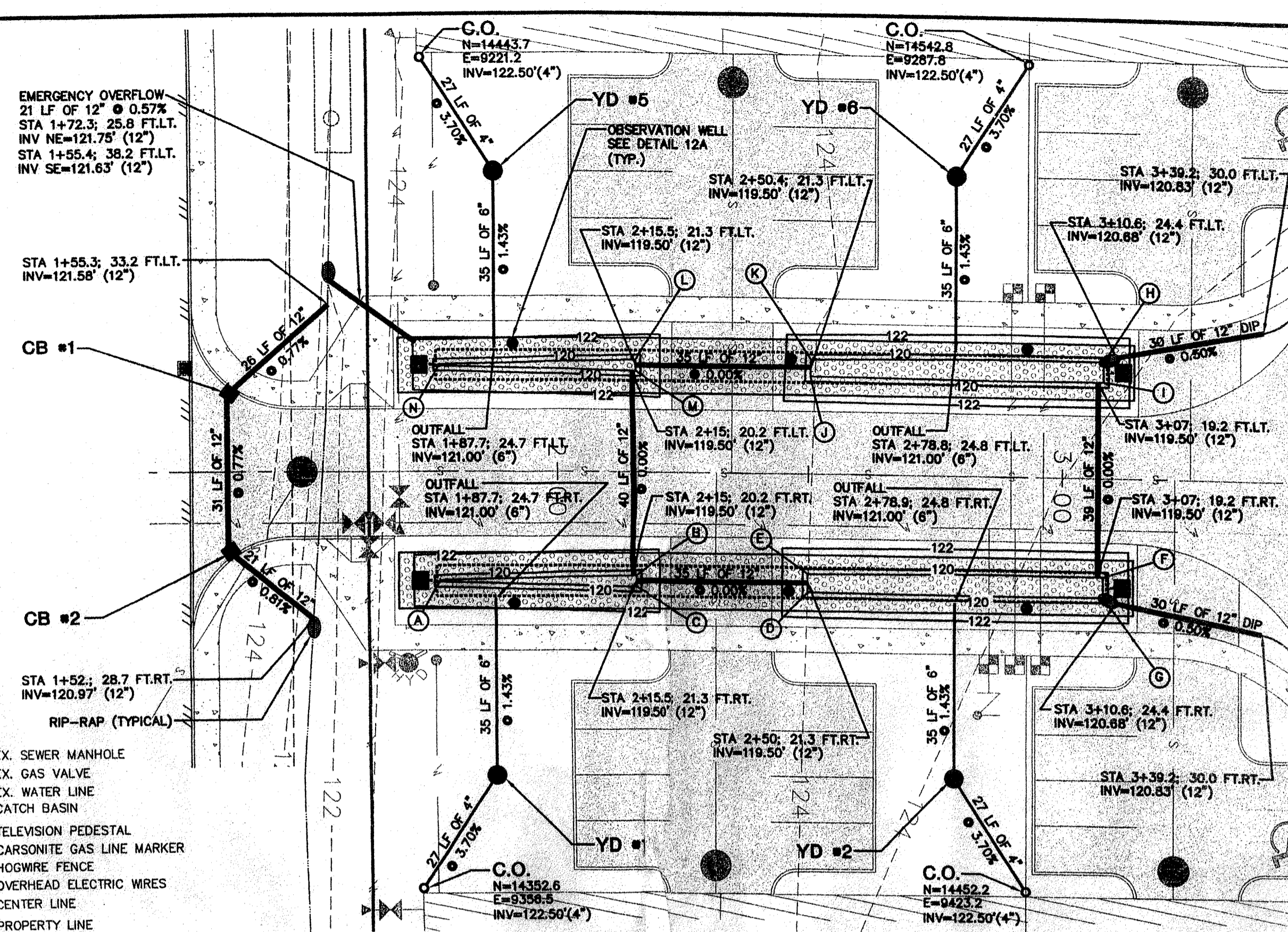
DESIGNED	DATE	08/05
DRAWN	DATE	08/24/05
CHECKED	DATE	08/05
FIELD BOOK	DATE	ARL 7/8 & 8/5
REVISION	DATE	12/05
BY	DATE	

**IN THE CITY OF ARLINGTON, WA
 PROPOSED SITE PLAN FOR LOT 402
 FILE NO. Z-04-032
 SEC. 21, T. 31 N., R. 05 E., W.M.**



- YD #1 STA 1+87.8; 59.5 FT. RT. RIM ELEV=123.00' INV SW=121.50' (4") INV NW=121.50' (6")
- YD #2 STA 2+78.9; 59.5 FT. RT. RIM ELEV=123.00' INV E=121.50' (4") INV NW=121.50' (6")
- YD #3 STA 3+85.5; 68.8 FT. RT. RIM ELEV=123.00' INV E=121.50' (4") INV NW=121.50' (6")
- YD #4 STA 4+13; 166.9 FT. RT. RIM ELEV=123.00' INV NW=121.50' (4") INV SW=122.40' (4")
- YD #5 STA 1+87.8; 59.5 FT. RT. RIM ELEV=123.00' INV NW=121.50' (4") INV SW=121.50' (6")
- YD #6 STA 2+78.9; 59.5 FT. RT. RIM ELEV=123.00' INV NW=121.50' (4") INV SE=121.50' (6")
- YD #7 STA 3+82.9; 68.7 FT. RT. RIM ELEV=123.00' INV NW=121.50' (4") INV SE=121.50' (6")

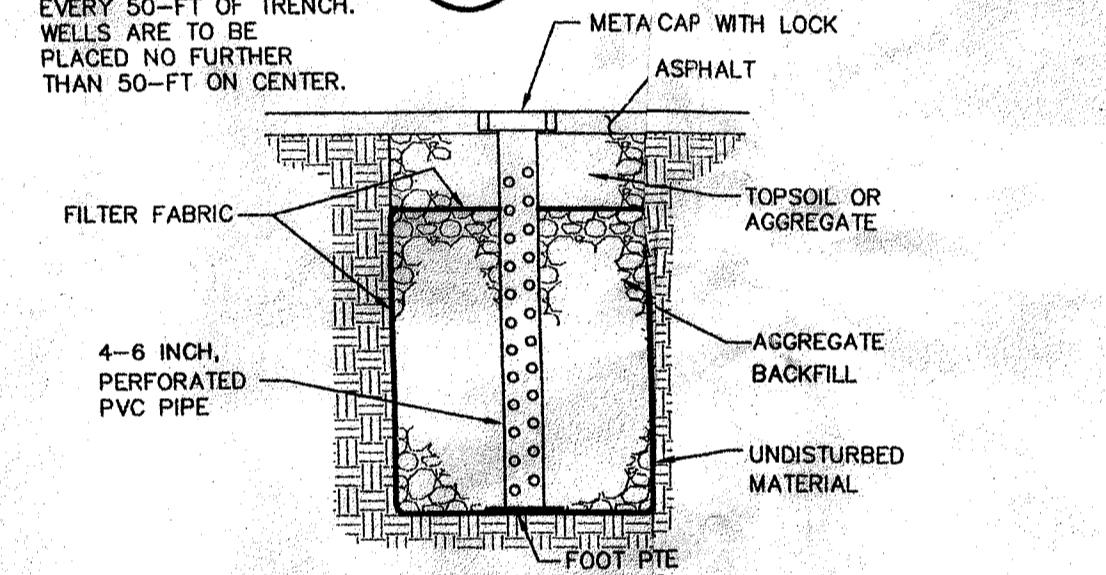
- LEGEND:**
- EX. SEWER MANHOLE
 - EX. GAS VALVE
 - EX. WATER LINE
 - CATCH BASIN
 - TELEVISION PEDESTAL
 - CARBONITE GAS LINE MARKER
 - HOGWIRE FENCE
 - OVERHEAD ELECTRIC WIRES
 - CENTER LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY (DEDICATED)
 - PROPOSED LOT LINE
 - BUILDING SET BACK LINE
 - 5' BUFFER LINE
 - ADJACENT PROPERTY LINE
 - SECTION LINE
 - PROPOSED EASEMENT
 - EXISTING 2' CONTOUR
 - FINISHED CONTOUR
 - PROPOSED BLACK VINYL CHAIN LINK FENCE
 - PROPOSED HYDRANT ASSEMBLY
 - PROPOSED WATER LINE
 - W/FIRE HYDRANT
 - PROPOSED SEWER LINE
 - W/MANHOLE & STUB
 - PROPOSED STORM LINE
 - DENOTES PROPOSED WATER SERVICE (METER BOX)
 - DRIVEWAY CUTS (STD PLAN 3-303-001)
 - RIP-RAP OUTFALL PROTECTION 4"-6" QUARRY SPALLS 1'-FT THICK (2'x4')



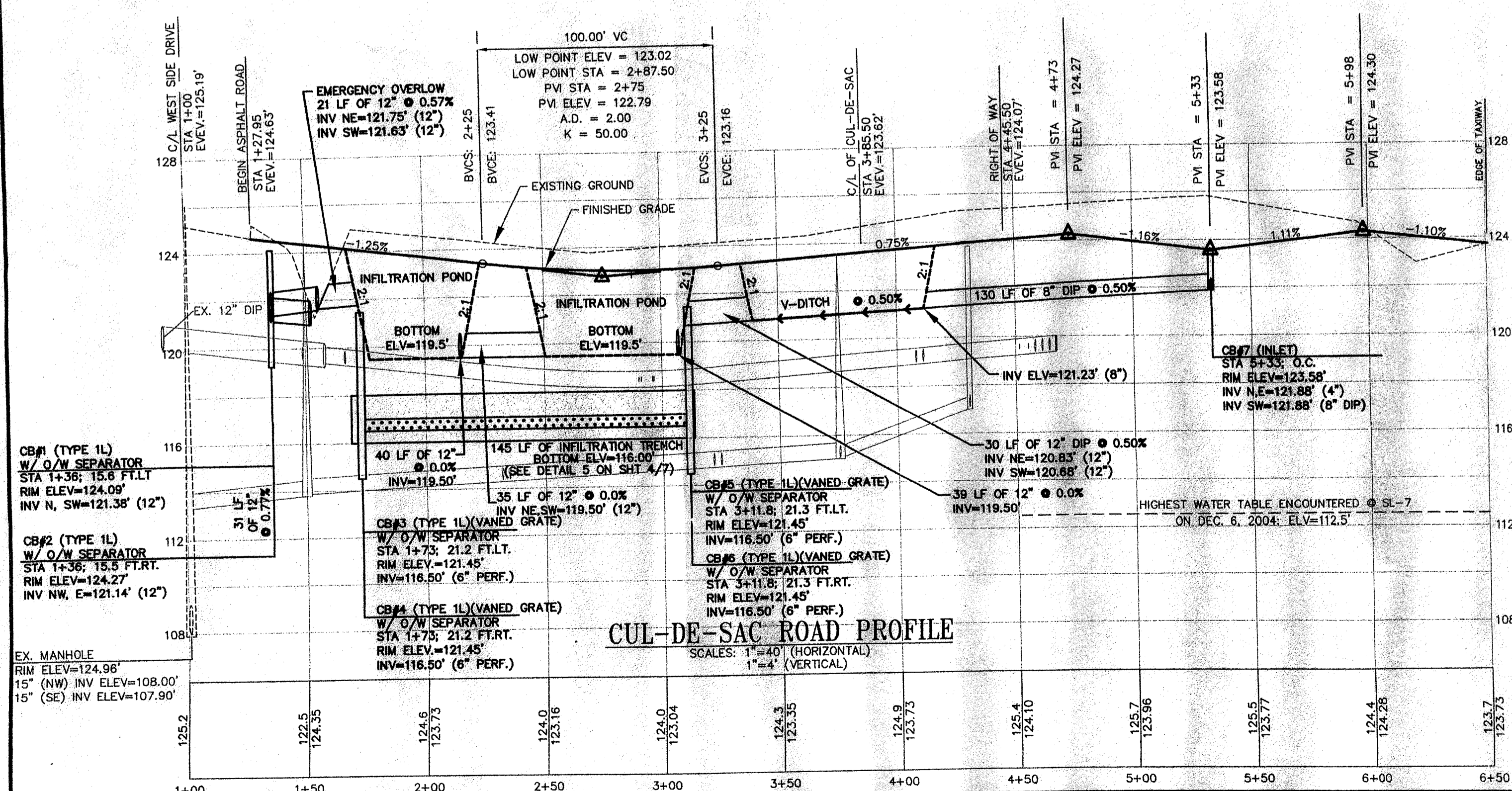
11 STORM SYSTEM DETAIL
 SCALE: 1"=20'

POND BOTTOM LOCATION

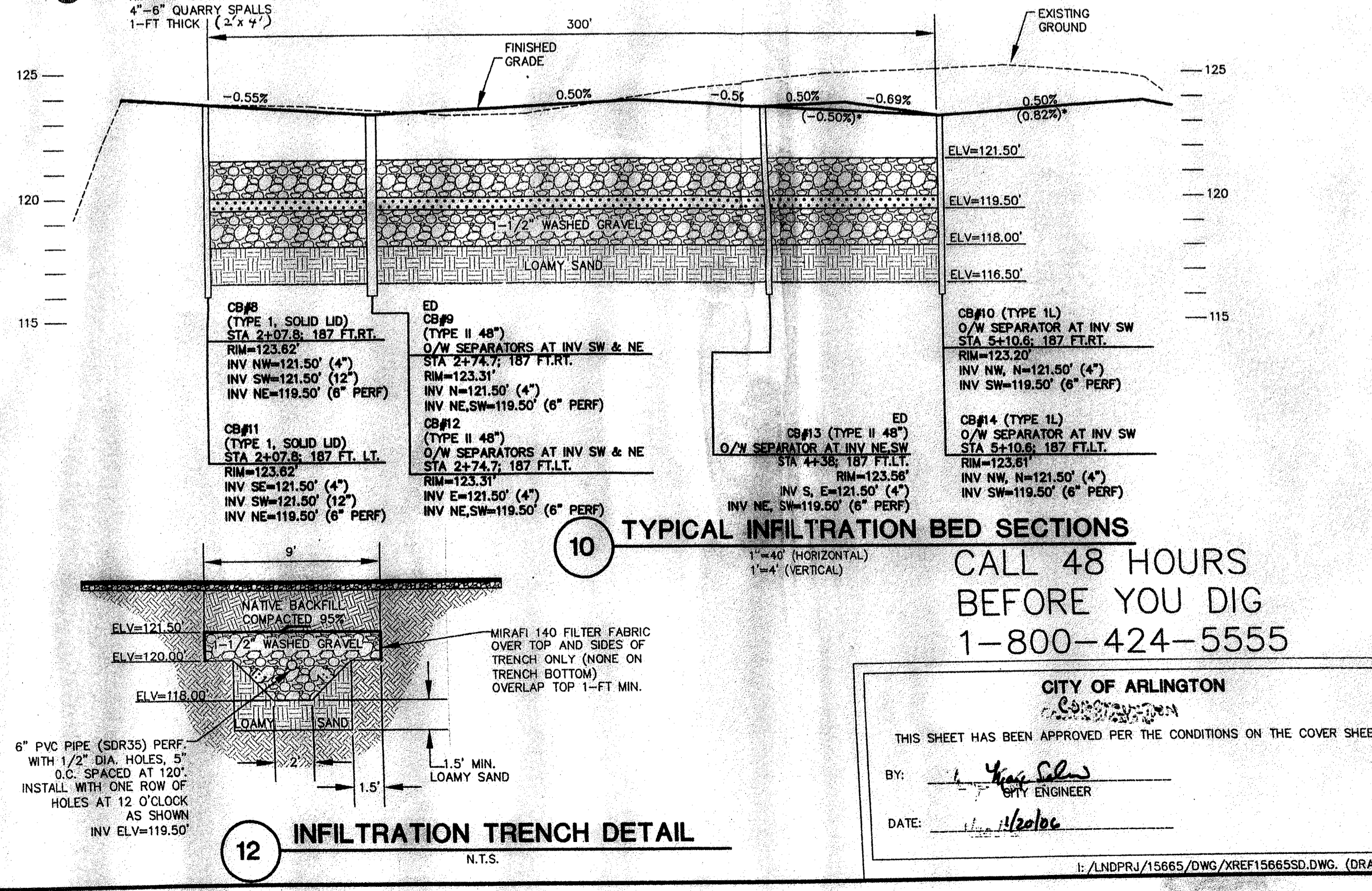
LETTER	STATION; OFFSET	ELEV.
A	STA 1+76.82; 21.25 FT. RT.	119.50'
B	STA 2+15.54; 20.14 FT. RT.	119.50'
C	STA 2+15.54; 22.38 FT. RT.	119.50'
D	STA 2+50.02; 23.04 FT. RT.	119.50'
E	STA 2+50.02; 19.46 FT. RT.	119.50'
F	STA 3+07.97; 19.24 FT. RT.	119.50'
G	STA 3+07.97; 23.28 FT. RT.	119.50'
H	STA 3+07.97; 23.28 FT. RT.	119.50'
I	STA 3+07.97; 19.24 FT. RT.	119.50'
J	STA 2+50.34; 19.45 FT. RT.	119.50'
K	STA 2+50.50; 22.81 FT. RT.	119.50'
L	STA 2+15.54; 22.38 FT. RT.	119.50'
M	STA 2+15.54; 20.14 FT. RT.	119.50'
N	STA 1+76.82; 21.25 FT. RT.	119.50'



12A OBSERVATION WELLDetail
 N.T.S.



CUL-DE-SAC ROAD PROFILE
 SCALES: 1"=40' (HORIZONTAL)
 1"=4' (VERTICAL)



10 TYPICAL INFILTRATION BED SECTIONS
 1"=40' (HORIZONTAL)
 1"=4' (VERTICAL)



12 INFILTRATION TRENCH DETAIL
 N.T.S.

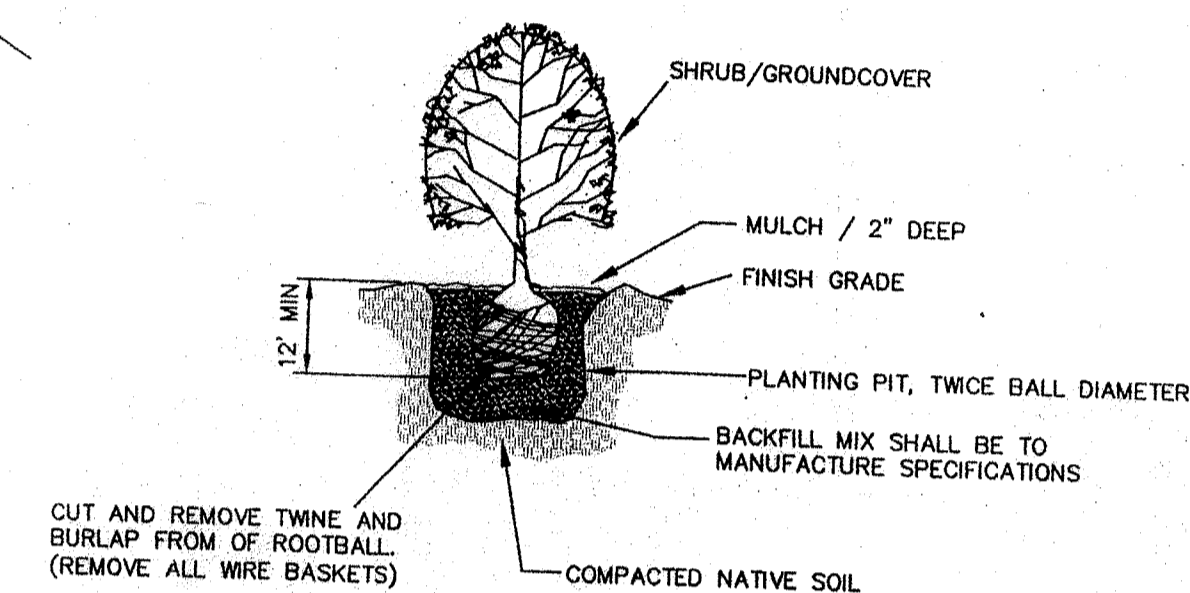
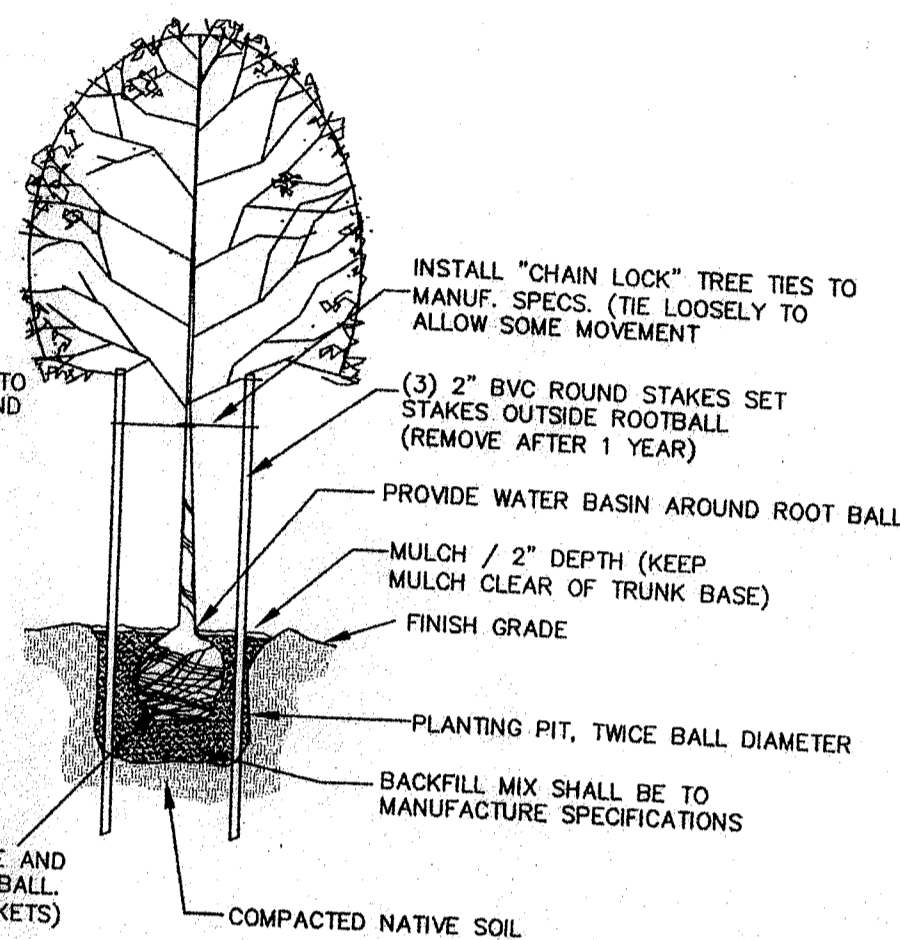
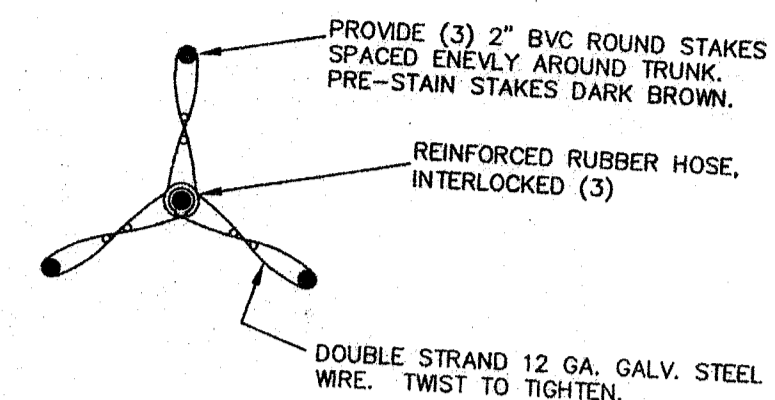
CALL 48 HOURS BEFORE YOU DIG
 1-800-424-5555

CITY OF ARLINGTON
 THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.
 BY: *[Signature]*
 DATE: 11/2/05
 CIVIL ENGINEER

IN THE CITY OF ARLINGTON, WA
 PROPOSED SITE PLAN FOR LOT 402
 FILE NO. Z-04-032
 SEC. 21, T. 31 N., R. 05 E., W.M.

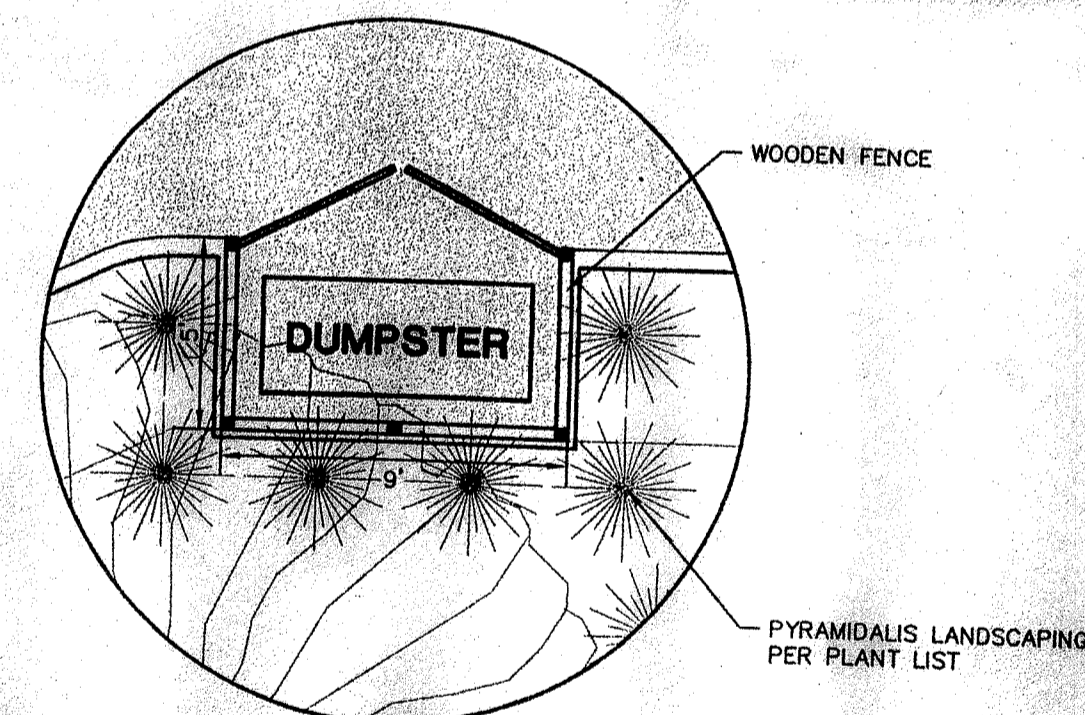
LANDSCAPING NOTES:

- EXCEPT FOR THE BARK/MULCH AROUND THE TREES AND SHRUBS, THE GROUND COVER SHALL BE GRASS, HYDROSEEDING PREFERRED.
- THE TREES AND SHRUBS SHALL BE CHOSEN FROM THE APPROVED CITY OF ARLINGTON PLANT LIST AND BE PLANTED ACCORDING TO THE PUBLIC WORKS CONSTRUCTION STANDARDS AND SPECIFICATIONS. THE LANDSCAPING PLAN TO MEET THE REQUIREMENTS SPECIFIED IN AMC CHAPTER 20.76.
- THE ARLINGTON AIRPORT HAS SPECIFIC LANDSCAPING REQUIREMENTS PER LEASE CONDITIONS. THE LANDSCAPING PLAN SHALL MEET THE REQUIREMENTS OF THE AIRPORT LEASE CONDITIONS AND AMC DEVELOPMENT DESIGN GUIDELINE 2.3, SERVICE ELEMENT SCREENING. THE LANDSCAPING IN THE RIGHT OF WAY MUST BE IRRIGATED PER THE LEASE AGREEMENT BETWEEN THE APPLICANT AND THE AIRPORT.
- THE STREET TREES TO FORM AN INTERMITTENT SCREEN, TYPE 5. THE TREES MUST BE A MIN. OF 10 FT. TALL.
- ALL PLANT MATERIAL MUST BE GUARANTEED FOR ONE (1) YEAR, WITH ANY REPLACEMENTS GUARANTEED FOR ONE (1) YEAR ALSO.
- THE DUMPSTER AREAS SHALL HAVE AN OPAQUE SCREEN, TYPE A. THE DUMPSTERS SHALL BE LOCATED INSIDE A 6 FT. HIGH WOODEN FENCE.



13 SHRUB/GROUND COVER PLANTING DETAIL
 N.T.S.

14 TREE PLANTING DETAIL
 N.T.S.



15 DUMPSTER DETAIL
 SCALE 1" = 5'

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	CONDITIONS
	18	JAPANESE FLOWERING CHERRY (<i>Prunus serrulata</i> 'BENI HOSHI')	2" TRUNK DIA. 6' TALL MIN.	B&B AS SHOWN 30' O.C.
	12	THUNDERCLOUD FLOWERING PLUM (<i>Prunus cerisifera</i> 'THUNDERCLOUD')	2-1/2" TRUNK DIA. 10' TALL MIN.	B&B AS SHOWN 30' O.C.
	6	CRIMSON SENTRY JAPANESE MAPLE (<i>Acer palmatum</i> 'CRIMSON SENTRY')	2" TRUNK DIA. 6' TALL MIN.	B&B AS SHOWN 30' O.C.
	68	PYRAMIDALIS (<i>Thuja occidentalis</i> 'PYRAMIDALIS')	4'-5'	B&B AS SHOWN 10' O.C.

LANDSCAPING NOTES:

- ALL LANDSCAPING MATERIAL TO BE GUARANTEED FOR A PERIOD OF ONE YEAR.

DUMPSTER NOTES:

- REFER TO CITY OF ARLINGTON DEVELOPMENT DESIGN GUIDELINES, SERVICE ELEMENT SCREENING SECTION 2.3, FOR DESIGN CONCEPTS.
- WOODEN FENCE TO BE INSTALLED ON TOP OF A CONCRETE FOOTING TO SEPARATE FROM LANDSCAPE BED.

LIGHTING NOTES:

- THE CONTRACTOR SHALL INSTALL ALL LOW SODIUM OR SIMILAR LOW INTENSITY ILLUMINATION LIGHTING AND SHALL BE PLACED IN A WAY AS NOT TO CAUSE GLARE ON THE ADJOINING PROPERTY OR THE ROAD RIGHT OF WAY.

CALL 48 HOURS
 BEFORE YOU DIG
 1-800-424-5555

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: Yoon Seon
 CITY ENGINEER
 DATE: 1/20/05

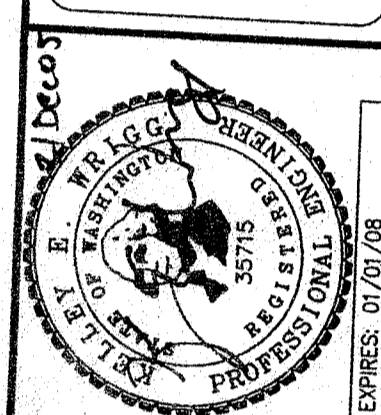
IN THE CITY OF ARLINGTON, WA
 ABBATARE INC.
 FILE NO. Z-04-032
 SIGNING, LIGHTING, AND
 LANDSCAPING PLAN

7 OF 7

15665

I:\NDRU\15665\DWG\XREF15665LA.DWG. (PLAN)

XREF15665LA.DWG. (PLAN)



DESIGNED	DATE	08/05	ME
DRAWN	DATE	09/24/05 <td>BY</td>	BY
CHECKED	DATE	08/05 <td>BY</td>	BY
FIELD BOOK	AREL 78 & 85		

COA. SITE CIVIL REVIEW	DATE	12/05	ME
REVISION <td></td> <td></td> <td></td>			

EXP. 07/07/08
 COA. SITE CIVIL REVIEW (11-22-05)
 R.E.V.I.S.I.O.N.
 1-800-435-5551
 98223
 ENGINEERS
 SURVEYORS
 PLANNERS
 ARLINGTON, WASHINGTON

