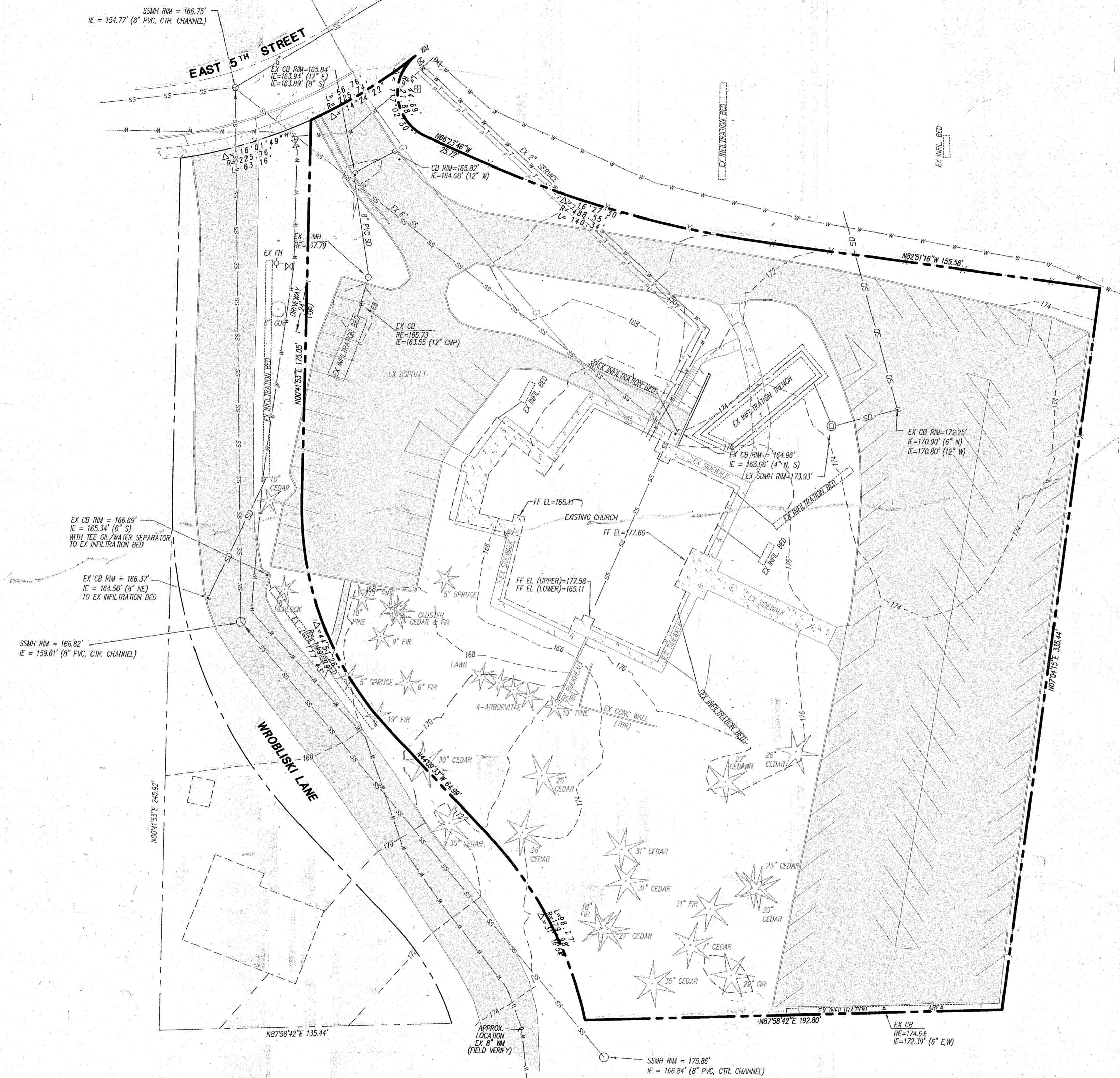
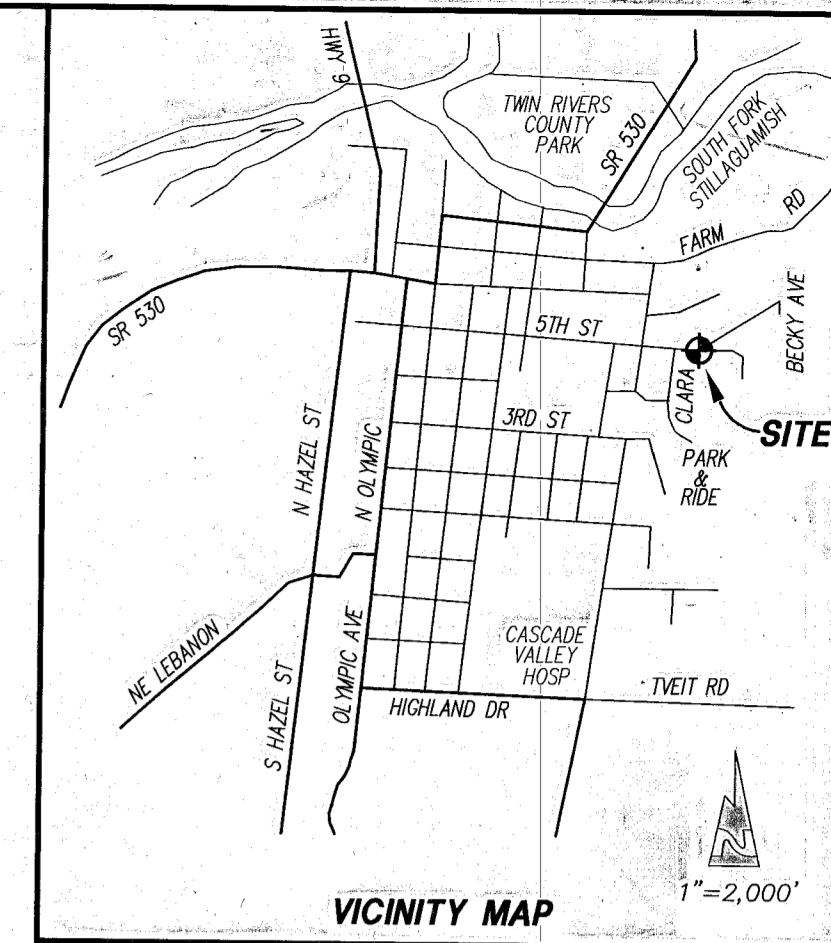


GRAPHIC SCALE
 30 0 15 30 60
 (IN FEET)
 1 INCH = 30 FT

DATUM: NAD 83 (1929 NATIONAL GEODETIC VERTICAL DATUM)
BENCH: CENTER EXISTING SSMH RIM LOCATED IN 5TH ST
 ELEV = 166.75
 CONVERSION EQUIVALENT TO NAD 83:
 ADD 3.67 TO NAD 1929 DATUM TO
 OBTAIN NAD 88 DATUM.



LEGAL DESCRIPTION
 A PORTION OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 1, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. DESCRIBED AS FOLLOWS:
 THAT PARTICULAR PARCEL OF LAND AS DESCRIBED IN STATUTORY WARRANTY DEED AS RECORDED IN VOLUME 889 OF DEEDS, PAGE 310 IN THE OFFICE OF THE SNOHOMISH COUNTY AUDITOR, EXCEPT THE SOUTHWESTLY 454.99 FEET THEREOF;
 ALSO EXCEPT THE FOLLOWING DESCRIBED TRACT: COMMENCING AT THE SOUTHWEST CORNER OF THAT TRACT OF LAND DESCRIBED IN STATUTORY WARRANTY DEED RECORDED IN VOLUME 889 OF DEEDS, PAGE 310 AT THE OFFICE OF THE SNOHOMISH COUNTY AUDITOR; THENCE N2°51'26"E ALONG THE WEST LINE OF SAID TRACT FOR 405.44 FEET TO THE TRUE POINT OF BEGINNING; THENCE S89°21'45"E ON A LINE WHICH IS 614.59 FEET NORTH OF AND PARALLEL WITH THE SOUTH LINE OF THE ABOVE REFERENCED PARCEL FOR 192.12 FEET TO THE BEGINNING OF A NONTANGENT CURVE WHICH IS CONCAVE TO THE SOUTHWEST AND HAVING A RADIUS POINT WHICH BEARS S75°25'54" W 180.00 FEET; THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 31°54' FOR 86.27 FEET; THENCE N42°00'00" W FOR 65.00 FEET TO THE BEGINNING OF A CURVE WHICH IS CONCAVE TO THE EAST AND HAVING A RADIUS OF 150.00 FEET; THENCE NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH AN ANGLE OF 44°52'26" FOR 114.44 FEET; THENCE N2°51'26" W 175.07 FEET TO A POINT LYING ON THE SOUTHERLY RIGHT-OF-WAY MARSH OF 5TH STREET AND THE NORTHERLY BOUNDARY OF SAID PARCEL; SAID POINT LYING ON A NONTANGENT CURVE WHICH IS TO THE NORTHWEST AND HAVING A RADIUS POINT WHICH BEARS N22°22'21" W A DISTANCE OF 225.76 FEET; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE AND THE NORTHERLY BOUNDARY OF SAID PARCEL THROUGH A CENTRAL ANGLE OF 15°14" FOR 63.16 FEET; THENCE S2°51'26" W FOR 401.94 FEET TO THE TRUE POINT OF BEGINNING. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

SITUADE IN THE CITY OF ARLINGTON, COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

SITE DATA
 TOTAL SITE AREA 114,785 SF (2.64 ACRES)
 ZONING R-ND (RESIDENTIAL HIGH DENSITY)

TAX PARCEL NO.
 310501-003-005-00

SITE ADDRESS
 512 E 5TH

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
 THIS PLAN SHEET 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 OTHER AUTHORIZATIONS WHICH MAY INCLUDE, BUT NOT LIMITED TO, WSWF HYDRAULIC PROJECT APPROVAL (HPA), WSWF NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: *Paul A. Ricourt*
 CITY ENGINEER
 DATE: 6/25/04
 THIS APPROVAL VALID FOR 18 MONTHS

ABBREVIATIONS TABLE

(A/P) = ANGLE POINT	(OWS) = OIL WATER SEPARATOR
(BC) = BOTTOM OF CURB-F/A	(PC) = POINT OF CURVATURE
(BW) = BOTTOM OF WALL	(PI) = POINT OF INTERSECTION
(BO) = BLOWOFF	(PL) = PROPERTY LINE
(BRK) = BREAK/GRADE BREAK	(PP) = POWER/UTILITY POLE
(CB) = CATCH BASIN	(PT) = POINT OF TANGENCY
(CBU) = COLLECTION BOX UNITS	(P/W/T) = PAVEMENT
(CE) = CULVERT END	(SD) = STORM DRAIN
(CL) = CENTER LINE	(SLL) = SOLID LOCKING LID
(CO) = CLEANOUT	(SLS) = SANITARY SEWER
(CSRC) = CR. SURF'S BASE COURSE	(SSMH) = SEWER MANHOLE
(CSSTC) = CR. SURF'S TOP COURSE	(STR) = STRUCTURE
(CR) = CENTER	(TBR) = TO BE REMOVED
(DIP) = DUCTILE IRON PIPE	(TC) = TOP OF CURB
(DRNG) = DRAINAGE	(TO) = THRU CURB INLET
(EPA) = EDGE OF ASPHALT	(TOS) = TOP OF BANK
(EOD) = EDGE OF GRAVEL	(TW) = TOP OF WALL
(ESM7) = EASEMENT	(TYP) = TYPICAL
(EX) = EXISTING	(T/CB) = TYPE-CB/AMH
(G/L) = GUTTER LINE OF CURB	(T/CB) = TYPE 1 CB
(GR) = GRADE	(TD) = YARD DRAIN
(GR4) = GRAVEL	(VGD) = VARED GRADE
(FH) = FIRE HYDRANT	(W) = WATER/WATER MAIN
(FDC) = FACE OF CURB	(WCR) = WHEEL CHAIR RAMP
(INT) = INTERSECTION	(WM) = WATER METER
(LL) = LOT LINE	(WV) = WATER VALVE
(MB) = MAILBOX	(1/4) = 1/4 DELTA

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---BSRL---	BLDG SETBACK LINE (BSRL)	---BSRL---
○	BLOW-OFF (BO)	○
□	CATCH BASIN (1y-1)	□
□	CATCH BASIN (1y-2)	□
□	CASE MONUMENT	□
□	CONCRETE MON	□
---SD---	CULVERTS (CE=CULV END)	---X-12" SD---
---	DRAINAGE DITCH/SWALE	---
---	DRAINAGE FLOW PATTERNS	---
---	D/W CURBOUT	---
---	EASEMENTS (ESM7)	---
---	EDGE PAVEMENT (EOA)	---
---	FIRE HYDRANT (FH)	---
---	LOT LINE (L/L)	---
---	MAILBOXES (MB, CBU)	---
---	PROPERTY LINE (P/L)	---
---	RIGHT OF WAY (R/W)	---
---	ROAD CENTER (CTR) LINE	---
---	SANITARY SEWER MANHOLE	---
---	SECTION CORNER	---
---	SEWER STUBOUT	---
---	STORM PIPE (SD)	---
---	STORM STUBOUT	---
---	UTILITY POLE (PP, UP)	---
---	WATER LINE	---
---	WATER SERVICE (WS)	---
---	WATER VALVE (WV)	---
---	WHEEL CHAIR RAMP (WCR)	---
---	YARD BASIN (YD)	---

PEAK ENGINEERING INC.

1720 GROVE STREET, MARYSVILLE, WASHINGTON 98270
 (360) 658-6986 / FAX: (360) 658-7826

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
 HUET SURVEYING & LAND CONSULTING, INC.
 23407 - 135TH AVE NE
 ARLINGTON, WA 98223
 (360) 435-4566

METRON & ASSOCIATES, INC.
 307 N. OLYMPIC AVE., SUITE 205
 ARLINGTON, WA 98223
 (360) 435-3777

APPLICANT
 RAMO CONSTRUCTION
 616 RALPH MONTY
 SMOKEY POINT BLVD, SITE 301
 ARLINGTON, WA 98223
 (360) 435-8565

OWNER
 IMMACULATE CONCEPTION CHURCH
 1200 E 5TH
 ARLINGTON, WA 98223
 (360) 435-8565

CITY OF ARLINGTON AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
 THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A RECORD DRAWING. THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET ASSUMES FULL AND COMPLETE RESPONSIBILITY FOR THE ACCURACY THEREIN.

BY: *For Paul Ricourt*
 CITY ENGINEER
 DATE: 08JUL04

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

SHEET INDEX:

NO.	DESCRIPTION	DATE	REVISION/ISSUED
C1)	EXISTING CONDITIONS	1/30/03	ISSUED FOR SITE CIVL REVIEW
C2)	T.E.S.C. & DEMOLITION PLAN	3/11/03	PER CITY REVIEW COMMENTS
C3)	GRADING & DRAINAGE PLAN	3/27/03	PER CITY REVIEW COMMENTS/AMAR
C4)	WATER & SANITARY SEWER PLAN	6/25/04	AS-BUILT INFO
C5)	DETAIL PLAN		
L1.0)	LANDSCAPE PLAN		

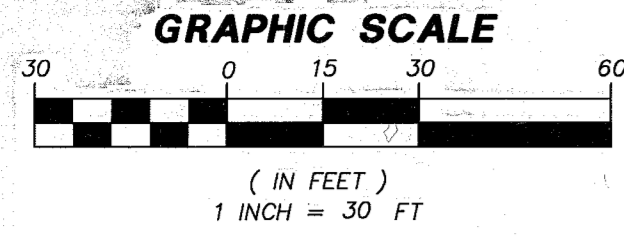
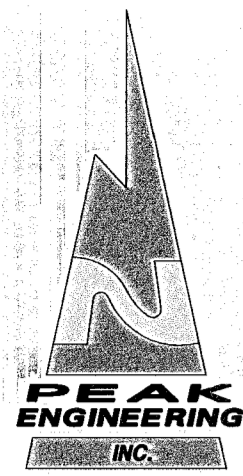
FILE NO: MN-02-028 (AS-BUILT)

IMMACULATE CONCEPTION PARISH

EXISTING CONDITIONS

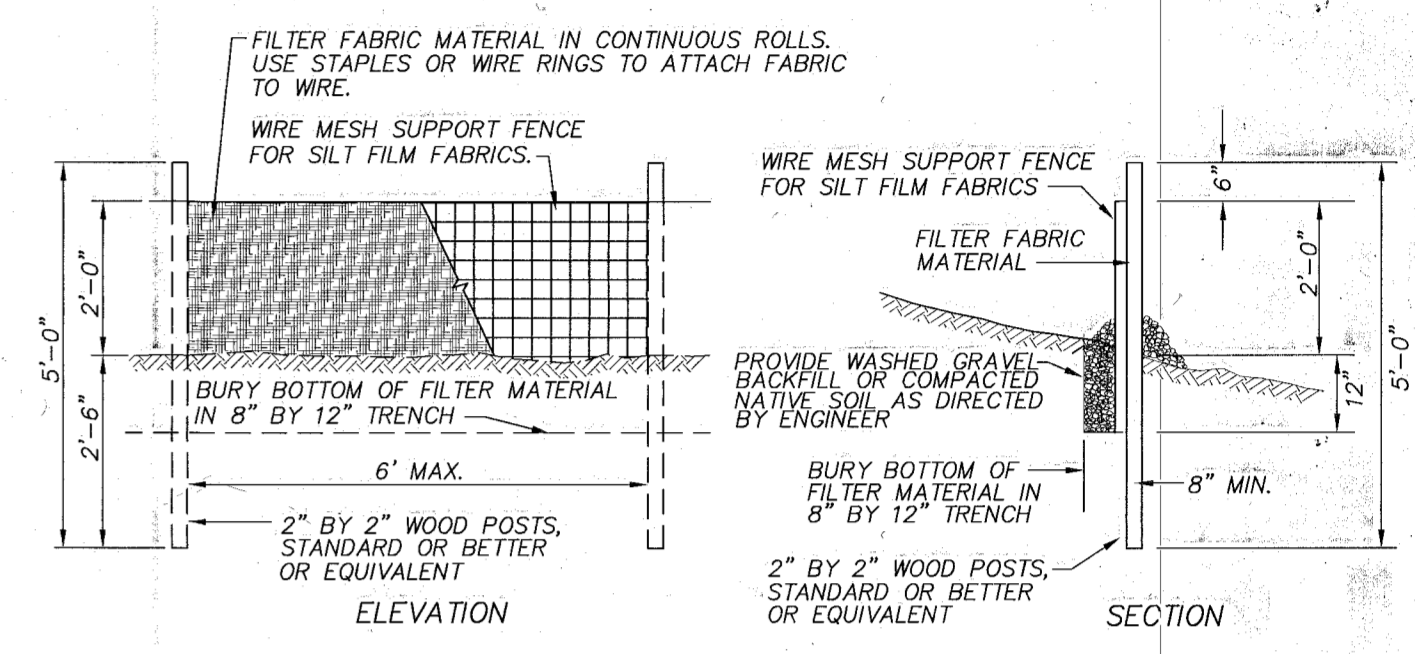
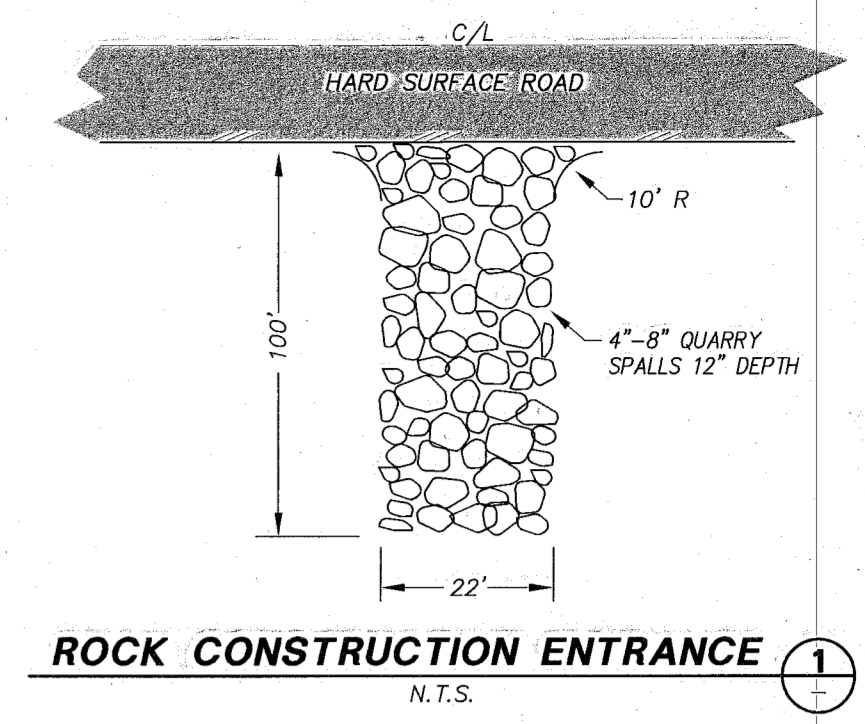
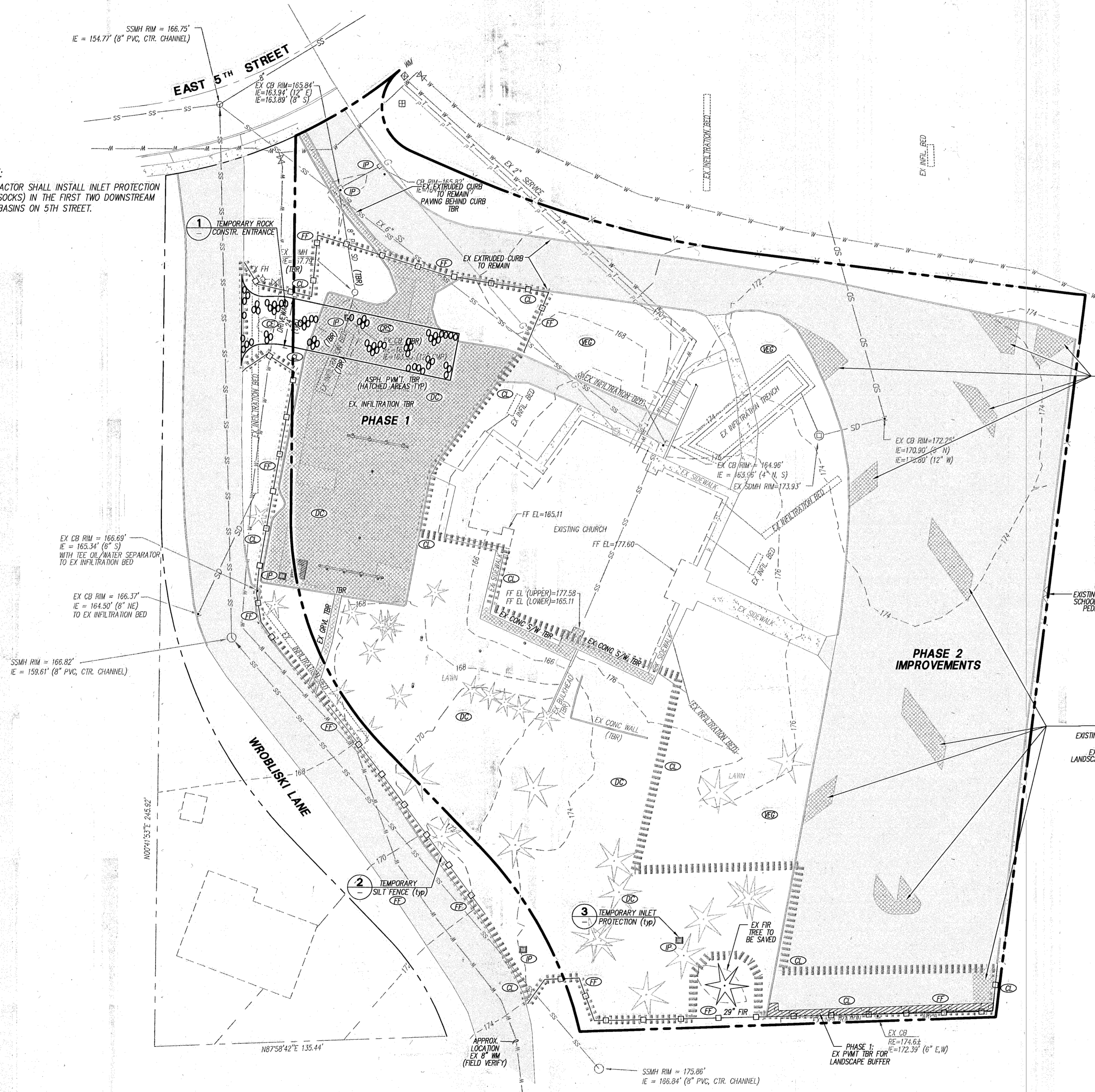
PROJECT NO. 01377

DWG C1 OF 5

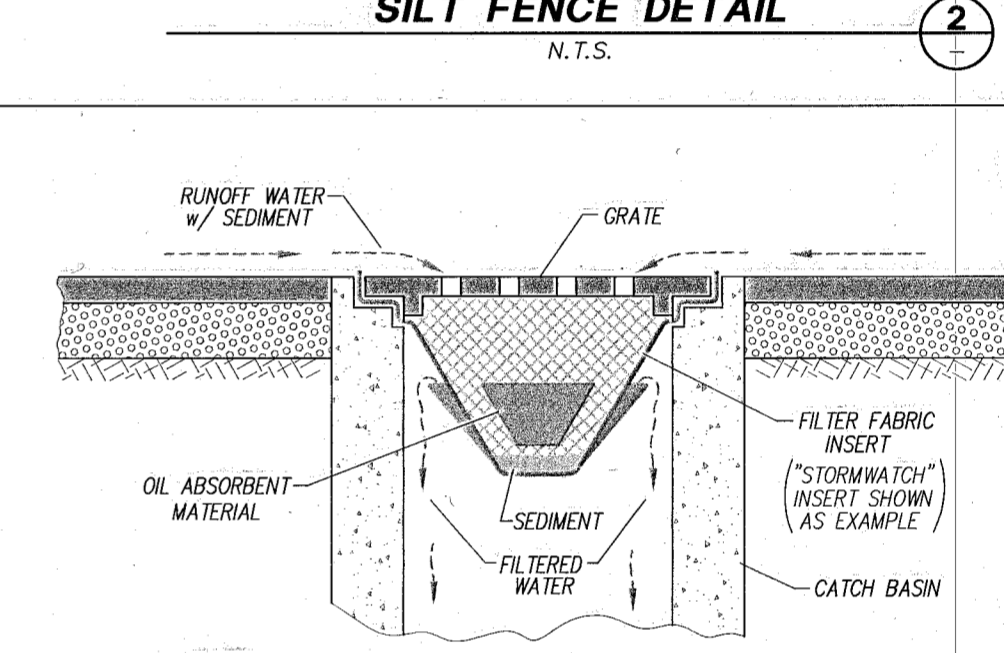


DATUM: NAD 83 (1929 NATIONAL GEODETIC VERTICAL DATUM)
 BENCH: CENTER EXISTING SSMH RM LOCATED IN 5TH ST
 ELEV. = 166.75
 CONVERSION EQUIVALENT TO NAVD 83:
 ADD 1.67 TO NAD 1929 DATUM TO
 OBTAIN NAVD 83 DATUM.

NOTE:
 CONTRACTOR SHALL INSTALL INLET PROTECTION (SILT SOCKS) IN THE FIRST TWO DOWNSTREAM CATCHBASINS ON 5TH STREET.



NOTE:
 CONTRACTOR SHALL INSTALL SILT FENCES AT APPROPRIATE LOCATIONS AS DIRECTED BY THE CITY INSPECTOR.



NOTE:
 "GULLYWASHER", "SILT SACK" OR OTHER APPROVED CATCH BASIN INSERT MAY BE USED FOR INLET PROTECTION. CONTACT: PRICE-MOON ENTERPRISES PH: 360-563-6709 OR "SILTSACK" BY ACF ENVIRONMENTAL AT PH: 1-800-644-9223 (OR APPROVED EQUAL).

CONSTRUCTION SEQUENCE

- THIS CONSTRUCTION SEQUENCE IS TO BE USED AS A GUIDELINE. CONDITIONS MAY REQUIRE CHANGES IN TIMING OF WORK. CHANGES SHALL BE DISCUSSED WITH AND APPROVED BY INSPECTOR AND OWNER.
- ARRANGE AND ATTEND PRE-CONSTRUCTION MEETING WITH THE CITY (CALL: 360-403-3527).
 - FLAG PROPERTY LINES AND CLEARING LIMITS AS INDICATED ON CLEARING AND T.E.S.C. PLAN.
 - INSTALL SILT FENCE, INLET PROTECTION AND TEMPORARY CONSTRUCTION ENTRANCE PER PLAN.
 - CLEAR & GRUB TO CLEARING LIMITS. LEAVING AS MUCH GROUND COVER AS POSSIBLE.
 - ROUGH GRADE PARKING AREA.
 - INSTALL UTILITIES, PLUS INFILTRATION BED SO NO SEDIMENT LAIDEN WATER ENTERS SYSTEM.
 - PAVE PARKING LOT.
 - STABILIZE DISTURBED LAND SURFACES.
 - REMOVE REMAINING T.E.S.C. STRUCTURES AFTER SITE HAS BEEN STABILIZED AND APPROVED BY THE CITY INSPECTOR.
 - REMOVE SEDIMENTS & CLEAN STORM DRAINAGE SYSTEM AND PLACE INTO OPERATION.

NOTE:
 DIG 2 TEST PITS IN PROPOSED INFILTRATION AREA AND HAVE GEOTECHNICAL ENGINEER INSPECT SOIL PRIOR TO BEGINNING CONSTRUCTION AND REPORT FINDINGS TO PEAK ENGINEERING AND CITY.

TEMPORARY EROSION CONTROL NOTE:

TEMPORARY EROSION CONTROL MEASURES ON THIS PLAN ARE INTENDED AS A GUIDE. ADDITIONAL BMP'S MAY BE REQUIRED FOR THIS DEVELOPMENT AS SITE & WEATHER CONDITIONS CHANGE IN THE FIELD. THE CONTRACTOR/DEVELOPER SHALL COORDINATE WITH THE SITE INSPECTOR & THE PROJECT ENGINEER AS NEEDED FOR EROSION CONTROL RECOMMENDATIONS.

LANDSCAPE NOTE

SEE SEPARATE PLAN FOR PROPOSED LANDSCAPING.

RISK ASSESMENT

MODERATE TO HIGH

TESC LEGEND

- (P) PRESERVE NATURAL VEGETATION
- (SE) STABILIZED CONSTRUCTION ENTRANCE
- (SR) SURFACE ROUGHENING (IF EXISTING VEGETATION HAS BEEN REMOVED)
- (FF) FILTER (SILT) FENCE
- (PI) STORM DRAIN INLET PROTECTION
- (CL) CLEARING LIMITS
- (DC) DUST CONTROL
- (CS) CONSTRUCTION ROAD STABILIZATION

CITY OF ARLINGTON	
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.	
CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
By: <i>Paul Richard</i> CITY ENGINEER	By: _____ CITY ENGINEER
DATE: 4/11/03	DATE: _____
DATE: 1/30/03	REVISION/ISSUED
3/11/03	ISSUED FOR SITE CIVIL REVIEW
3/27/03	PER CITY REVIEW COMMENTS
6/25/04	PER CITY REVIEW COMMENTS/MYLAR
	AS-BUILT INFO

PEAK ENGINEERING INC.
 1720 GROVE STREET, MARYSVILLE, WASHINGTON 98270
 (360) 658-6986 / FAX: (360) 658-7826

U. SCOTT STEWART
 U.S. STATE OF WASHINGTON
 29726 REGISTERED PROFESSIONAL ENGINEER
 EXPIRES 07/16/2003 2005
 DATE: 3/29/03

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
 HUEY SURVEYING & LAND CONSULTING, INC.
 23407 - 135TH AVE NE
 ARLINGTON, WA 98223
 (360) 435-4566
 METRON & ASSOCIATES, INC.
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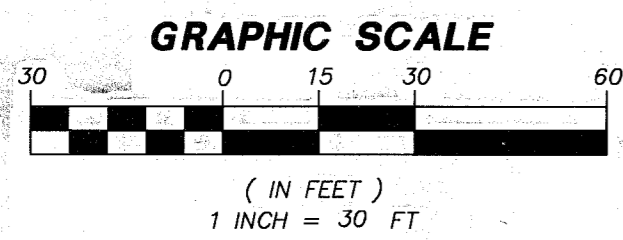
APPLICANT
 RAMO CONSTRUCTION
 c/o RALPH MORITY
 SMOKEY POINT BLDG, STE 301
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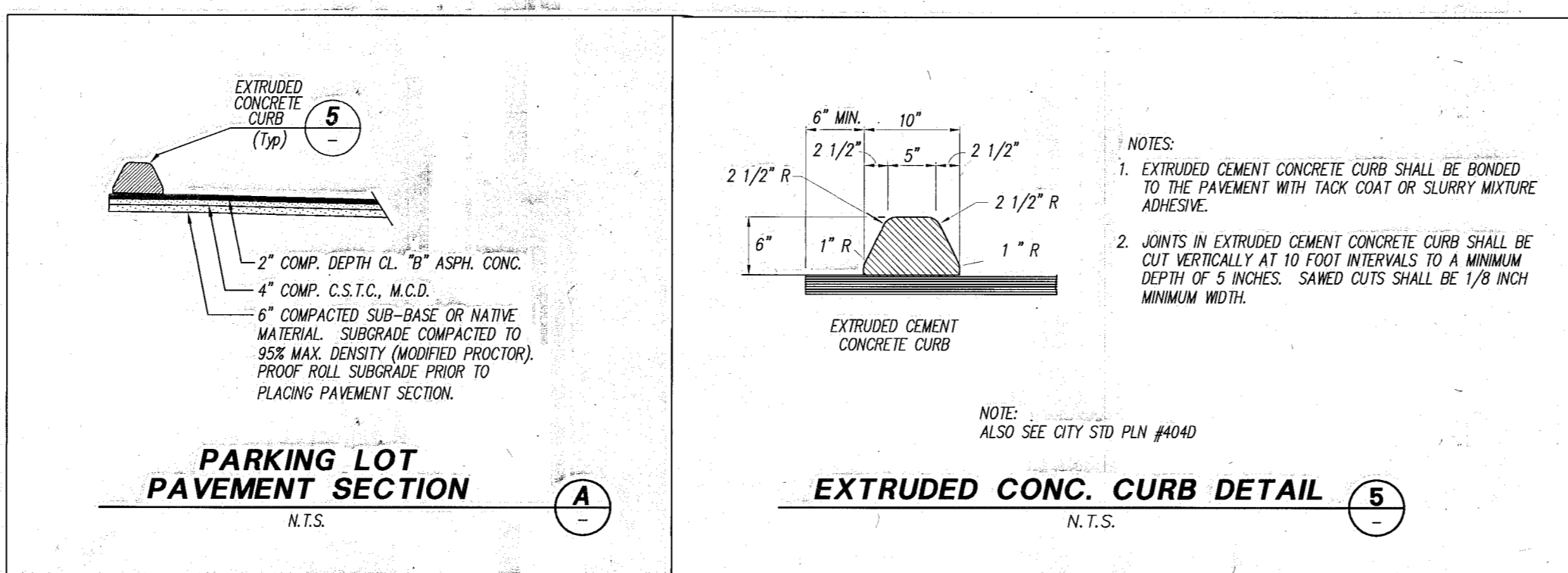
CITY OF ARLINGTON AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
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 BY: *Paul Richard*
 CITY ENGINEER
 DATE: 08JUL04
 CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
 THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO: MN-02-028 AS-BUILT
IMMACULATE CONCEPTION PARISH
T.E.S.C. & DEMOLITION PLAN

PROJECT NO. 01377
DWG C2 OF 5



DATUM: NAD 83 (1929 NATIONAL GEODETIC DATUM)
 BENCH: CENTER EXISTING SSMH RM LOCATED IN 5th ST
 ELEV. = 166.75
 CONVERSION EQUIVALENT TO NAD 83:
 ADD 3.67' TO NAD 1929 DATUM TO
 OBTAIN NAD 83 DATUM.



GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (CURRENT EDITION) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE 1992 DOE STORMWATER MANUAL. THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS SHALL PREVAIL IF THERE ARE ANY CONFLICTS BETWEEN STANDARDS.
- ALL WORK WITHIN THE PLAT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY INSPECTOR OR HIS DESIGNATED REPRESENTATIVE. THE INSPECTION OF THE CONTRACTOR WILL OBTAIN A RIGHT-OF-WAY PERMIT.
- PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY TO SCHEDULE A PRECONSTRUCTION CONFERENCE (CONTACT GREGG EATON @ (360)435-3527). FIELD CHANGES REQUIRING REDESIGN SHALL BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION. AS-BUILTS SHALL BE REQUIRED PRIOR TO SITE APPROVAL.
- SEDIMENT LADEN WATERS SHALL NOT ENTER THE DRAINAGE INFILTRATION SYSTEM.
- TRENCH BACKFILL OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS, AS SPECIFIED IN SECTION 2-03.2(14) COMPACTING EARTH EMBANKMENTS METHOD B.
- THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND PROTECTING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR AID IN UTILITY LOCATION CALL 1-800-424-5555.
- THE CONTRACTOR SHALL NOTIFY PEAK ENGINEERING INC. AND THE CITY INSPECTOR WHEN CONFLICTS BETWEEN THE PLANS AND FIELD CONDITIONS EXIST PRIOR TO CONSTRUCTION AND SAID CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR SHALL KEEP TWO SETS OF APPROVED PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION; ONE SET SHALL BE SUBMITTED TO PEAK ENGINEERING INC. AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK. CONTRACTOR SHALL HAVE A COMPLETE COPY OF CITY OF ARLINGTON STANDARD PLANS AND SPECIFICATIONS ON SITE AT ALL TIMES.
- LOT LINES SHOWN HEREON ARE APPROXIMATE. ACTUAL PLATTED DIMENSIONS AND/OR DEEDED LOCATIONS SHALL TAKE PRECEDENCE.

SITE GRADING AND T.E.S.C. NOTES

- NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
- 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. THE REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER ARE HUEY SURVEYING & LAND CONSULTING, INC. AT (360) 435-4566 & METRON & ASSOCIATES, INC. AT (360) 435-3777.
- THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITIES 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 POTENTIAL FOR ON-SITE EROSION HAS PASSED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM, OR INFILTRATION SYSTEM.
- ALL SITE WORK MUST COMPLY TO CHAPTER 33 OF THE UNIFORM BUILDING CODE. (LATEST EDITION).
- ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS.
- IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO FOLLOW CITY OF ARLINGTON STANDARDS AND TO BE DESIGNED AND CERTIFIED BY A CIVIL ENGINEER EXPERIENCED IN SOILS MECHANICS.
- STOCKPILES ARE TO BE LOCATED SUCH THAT SEDIMENT WILL NOT LEAVE SITE. TEMPORARY COVER (BMP'S) SHALL CONSIST OF HYDROSEEDING, MULCHING, OR COVERING DOWNSLOPE AREAS AND STOCK PILES WITH PLASTIC. THIS COVERING IS TO BE APPLIED WITHIN 2 DAYS BETWEEN OCT. 15 AND MAY 15, AND ALL OTHER TIMES WITHIN 7 DAYS.
- ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
- A GEOTECHNICAL CONSULTANT SHALL PROVIDE TESTING OF ALL FILLS. SAID CONSULTANT SHALL CERTIFY THAT ALL GRADING ACTIVITIES WERE DONE UNDER HIS/HER DIRECTION.
- THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES THEN CUTTING BACK TO FINAL GRADES, OR RUNNING THE COMPACTOR OVER THE SLOPE AS EACH FILL LIFT IS BEING PLACED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORKING DAY.
- EARTH QUANTITIES (CUTS & FILLS) SHOWN ON PLANS ARE ESTIMATES ONLY AND ARE NOT ADJUSTED FOR EXPANSION OR COMPACTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ACTUAL QUANTITIES AS REQUIRED.
- AREAS TO RECEIVE FILL SHALL BE PREPARED BY REMOVING UNSUITABLE MATERIAL SUCH AS CONCRETE SLABS, TREE STUMPS, BRUSH, AND TRASH.
- FILL MATERIALS SHALL BE AS SPECIFIED IN GENERAL NOTE 1, UNLESS SHOWN OTHERWISE ON PLANS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

- 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 BEHIND 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.
- AGGREGATE: 4" TO 8" CRUSHED BALLAST ROCK.
- ENTRANCE DIMENSIONS: THE AGGREGATE LAYER MUST BE AT LEAST 12 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT LEAST 100 FEET.
- 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 THE 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.
- MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THEY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIAL SPILLED, DROPPED, WASHED OR TRACKED ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE OF SILTATION BARRIERS

- SILTATION BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED INFILTRATION ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BARRIERS, END RUNS AND UNDERCUTTING BENEATH BARRIERS. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

STORM DRAINAGE NOTES

- UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE SMOOTH WALLED STORM DRAIN (SD). SD SHALL BE REINFORCED CONCRETE PIPE (RCP), CORRUGATED POLYETHYLENE PIPE (CPP), POLYETHYLENE VINYL CHLORIDE PIPE (PVC), OR RIBBED PVC. CPP SHALL BE HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE AND SHALL BE MANUFACTURED IN CONFORMANCE WITH THE LATEST AASHTO SPECIFICATIONS FOR M294 TYPE S AND THE MATERIAL COMPOUND SHALL CONFORM TO ASTM D 3350. PIPE JOINTS AND FITTINGS SHALL CONFORM TO AASHTO M294. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPIGOT COUPLINGS WILL NOT BE ALLOWED. POLYETHYLENE VINYL CHLORIDE PIPE (PVC) SHALL CONFORM TO SDR35, ASTM D3034. RIBBED PVC SHALL COMPLY WITH ASTM F794 AND BE MADE FROM PVC CONFORMING TO THE REQUIREMENTS OF ASTM D1784. CASSET MATERIAL SHALL CONFORM WITH ASTM F477 & THE JOINT SHALL BE AN INTEGRAL-BELL GASKETED JOINT CONFORMING WITH ASTM D3212. CORRUGATED METAL PIPE (CMP) IS TO BE GALVANIZED STEEL WITH TREATMENT 1 ASPHALT COATING OR BETTER, OR CORRUGATED ALUMINUM PIPE, OR AASHTO M274-70 ALUMINIZED STEEL.

MINIMUM COVERAGE REQUIREMENTS FOR 12" PIPE IN TRAFFIC AREAS

- <12" REQUIRES DUCTILE IRON PIPE MINIMUM
- <24" REQUIRES RCP (REINFORCED CONCRETE PIPE) MINIMUM
- >24" REQUIRES PVC, PVC RIB PIPE, OR HOPE MINIMUM

- ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH A GRAVEL MATERIAL TO SUPPORT THE PIPE.
- THE BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN LAYERS WITH A LOOSE AVERAGE DEPTH OF 6" MAXIMUM DEPTH 9" THOROUGHLY TAMPING EACH LAYER. THESE COMPACTED LAYERS MUST EXTEND FOR ONE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. MATERIALS TO COMPLETE THE FILL OVER PIPE SHALL BE THE SAME AS DESCRIBED, (REFER TO WSDOT STANDARD SPECIFICATION 7-04.3(3) AND STANDARD SPECIFICATION 2-03.2(14)C, METHOD B&C.
- ALL GRATES (INLET AND CATCH BASIN) SHALL BE FLUSH WITH THE PAVEMENT SURFACE. GRATE ELEVATIONS SHOWN ON PLANS ARE GUTTER LINE PAVEMENT LEVEL.
- ALL CATCH BASINS TO BE TYPE 1, UNLESS OTHERWISE NOTED.
- ALL CATCH BASINS WITH A DEPTH OVER 5.0 FEET TO THE FLOW LINE SHALL BE A TYPE II CB (MANHOLE).
- ALL TYPE II CATCH BASIN MANHOLES AND ALL INLET AND CATCH BASINS SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR OUTSIDE OF CITY RIGHT-OF-WAY OR FOR USE WITH TYPE II MANHOLE.
- STANDARD LADDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS/MANHOLES EXCEEDING 5 FEET IN DEPTH.
- CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL SM60 LOCKING TYPE OR APPROVED EQUAL. TYPE II CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL MH30, MH26 OR APPROVED EQUAL.
- THE CULVERT ENDS SHALL BE BEVELLED TO MATCH THE SIDE SLOPE. FIELD CUT OF CULVERT ENDS IS PERMITTED, WHEN APPROVED BY THE INSPECTOR.
- BACKFILL AROUND PIPE MUST BE COMPACTED TO A SPECIFIED AASHTO T-99 DENSITY OF 90%. USE REASONABLE CARE IN HANDLING AND INSTALLATION.
- STORM WATER DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED PRIOR TO CITY ACCEPTANCE.

PERMANENT COVER BMP (HYDROSEEDING GENERAL NOTES)

- CONSTRUCTION ACCEPTANCE: WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE APPROVED CONSTRUCTION PLANS AND CITY STANDARDS.
- ALL DISTURBED AREAS SUCH AS ROADWAY BACK-SLOPES, ETC. SHALL BE SEEDED WITH A PERENNIAL GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR AS OTHERWISE APPROVED BY CITY.
- PREPARATION OF SURFACE: ALL AREAS TO BE SEEDED 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 (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPLIED. (MINIMUM 80% PER ACRE). THIS IS TO INCLUDE THE FOLLOWING: 20% ANNUAL PERENNIAL OR HYBRID RYE GRASS, 40% CREEPING RED FESCUE, 40% WHITE CLOVER. HYDROSEED REQUIRED.
- FERTILIZER: SHALL BE APPLIED AT 400# PER ACRE OF 10-20-20 (10 lb. PER 1,100 SQUARE FEET) OR EQUIVALENT.

NOTE:

AT THE TIME OF CONSTRUCTION, SOIL LOGS AT THE LOCATION OF THE PROPOSED INFILTRATION TRENCH SHALL BE PROVIDED PER DOE AND SHOULD THE LOGS FIND SOIL CONDITIONS DIFFERENT THAN THOSE ASSUMED DURING THE DESIGN, THE SYSTEM MAY HAVE TO BE RESIGNED TO MATCH FIELD CONDITIONS.

CITY OF ARLINGTON	
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.	
CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
By: <i>[Signature]</i> CITY ENGINEER	By: <i>[Signature]</i> CITY ENGINEER
Date: 4/11/03	Date:
Date: 1/30/03	REVISION/ISSUED
3/11/03	ISSUED FOR SITE CIVIL REVIEW
3/27/03	PER CITY REVIEW COMMENTS
6/25/04	PER CITY REVIEW COMMENTS/MYLAR
	AS-BUILT INFO

PEAK ENGINEERING INC.
 1720 GROVE STREET, MARYSVILLE, WASHINGTON 98270
 (360) 658-6986 FAX: (360) 658-7826

G. SCOTT STEWART
 CIVIL ENGINEER
 2978
 PROFESSIONAL ENGINEER
 EXPIRES 07/16/2008-2005
 DATE: 3/28/03

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
 HUEY SURVEYING & LAND CONSULTING, INC.
 23407 - 135TH AVE NE
 ARLINGTON, WA 98223
 (360) 435-4566
 &
 METRON & ASSOCIATES, INC.
 307 N. OLMPIC AVE., SUITE 205
 ARLINGTON, WA 98223
 (360) 435-3777

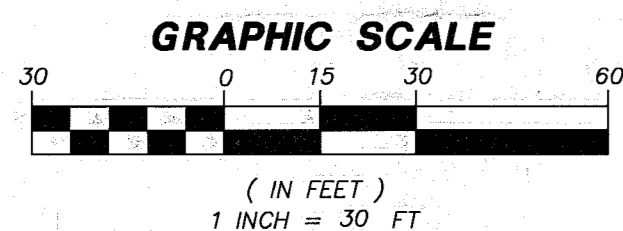
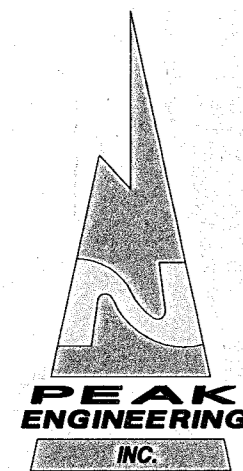
APPLICANT
 RAMO CONSTRUCTION
 C/O RALPH MONTE
 SMOKEY POINT BLVD, SITE 301
 ARLINGTON, WA 98223
 (360) 435-8565

OWNER
 IMMACULATE CONCEPTION CHURCH
 1200 E 5th
 ARLINGTON, WA 98223
 (360) 435-8565

GRADING ESTIMATE
 CUT: 3,000 CY's
 FILL: 500 CY's
 HAUL: 2,500 CY's
 THE GRADING ESTIMATE PROVIDED FOR THESE PLANS IS APPROXIMATE. ACTUAL GRADING VOLUMES MAY VARY. CALCULATIONS DO NOT ACCOUNT FOR VARIOUS VOLUME TRENCH CHANGES DURING THE EARTH WORK PROCESS. GRADING ESTIMATE PRODUCED USING LAND DEVELOPMENT DESKTOP REL. 2 SURFACE MODEL. EXISTING GROUND AND PROPOSED FINISHED GRADE SURFACE MODEL COMPARED USING THE AVERAGE END AREA METHOD WITH SECTION SAMPLING @ 15' INTERVALS.

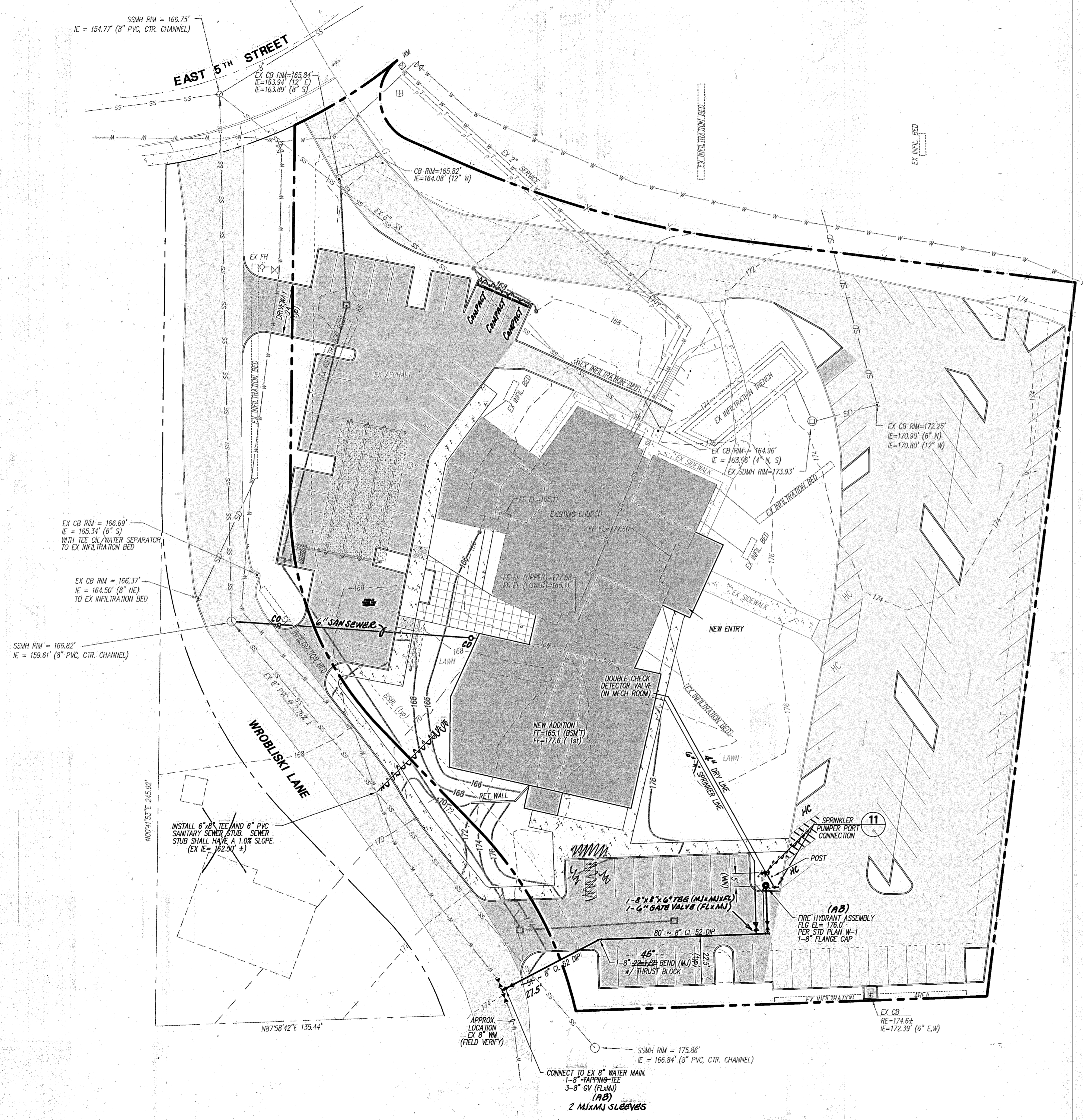
CITY OF ARLINGTON
AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
 THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A RECORD DRAWING. THE LICENSED DESIGN ENGINEER WHOSE NAME AND SIGNATURE APPEAR ON THIS SHEET ASSUMES FULL AND COMPLETE RESPONSIBILITY FOR THE ACCURACY THEREIN.
 By: *[Signature]*
 DATE: 08/24/04
CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
 THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO: MN-02-028 AS-BUILT
IMMACULATE CONCEPTION PARISH
GRADING & DRAINAGE PLAN
 PROJECT NO. **01377**
 DWG **C3**
 OF 5



DATUM: NAD 83 (1929 NATIONAL GEODETIC VERTICAL DATUM)
BENCH: CENTER EXISTING SSMH RM LOCATED IN 5th ST
 ELEV. = 166.75
 CONVERSION EQUIVALENT TO NAD 83:
 ADD 1.67' TO NAD 1929 DATUM TO
 OBTAIN NAD 83 DATUM.

NOTE:
 ALL TRENCH EXCAVATION WITHIN THE EXISTING STREETS SHALL
 BE BACKFILLED WITH C.D.F.

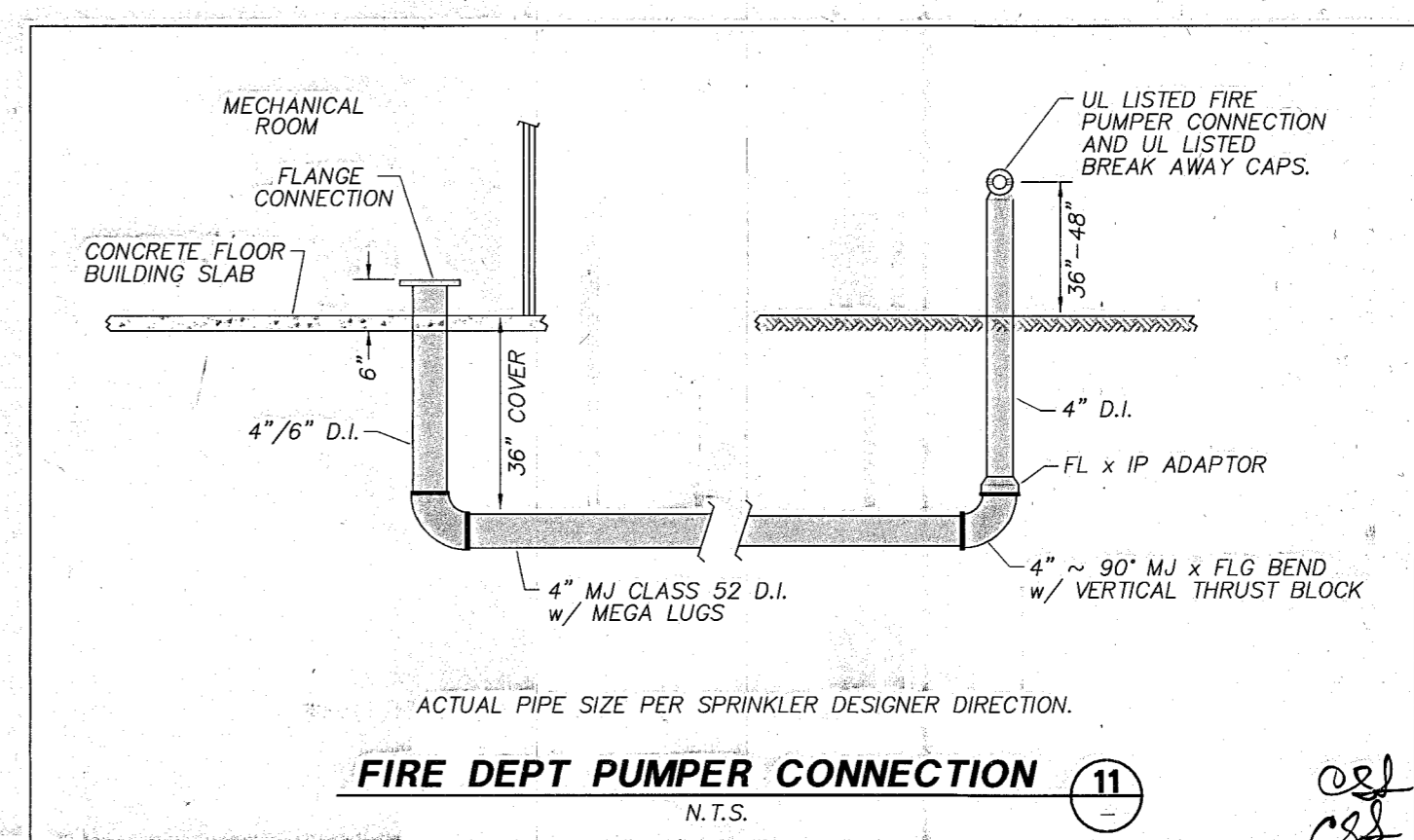


GENERAL NOTES FOR WATER SYSTEM

1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF ARLINGTON STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON / APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE OR HAVE LOCATED BY THE APPROPRIATE COMPANIES ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
4. WATER PIPE SHALL BE NEW DUCTILE IRON PIPE (DI) CLASS 52 CEMENT-LINED UNLESS OTHERWISE SPECIFIED AND SHALL CONFORM TO ANSI A21.51 (AWWA C 151). DI PIPE SHALL BE PUSH-ON JOINT (TYTON JOINT ONLY) OR MECHANICAL JOINT.
5. VALVES 12" AND SMALLER SHALL BE GATE VALVES WITH RESILIENT SEAT, NRS (NON RISING STEM) O-RING PACKING. VALVES SHALL BE EQUAL TO MUELLER A-2370, M&M, AMERICAN-80 "CRS", OR WATERLOO SERIES 500.
6. FITTINGS SHALL BE DUCTILE IRON SHORT BODY FOR PRESSURE RATING OF 150 PSI, UNLESS OTHERWISE NOTED.
7. FIRE HYDRANTS SHALL BE 5-1/4" M&M MUELLER A-423 ONLY. PAINT HYDRANT WITH CASE YELLOW NO. X-3472. MJ FOLLOWERS SHALL BE MEGA LUG. HYDRANT SHALL BE FITTED WITH A RED HEAD 5" STORZ TO 4-1/2" NTS FEMALE ADAPTER STYLE NO. 5-37-MF-L WITH A METAL FACE CAP STYLE NO. SC-MF OR APPROVED EQUAL. SEE STANDARD PLAN W1.
8. ALL LINES SHALL BE DISINFECTED, FLUSHED AND PRESSURE TESTED IN CONFORMANCE WITH WSDOT/APWA STANDARDS AND SPECIFICATIONS. ALL PIPE SHALL BE TESTED AT 240 PSI. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY PLUGS, TESTING DEVICES, ETC. THE CITY SHALL BE PRESENT FOR ALL TESTING. THE CITY WILL TAKE PURITY TESTS AND CONNECTION WILL BE AUTHORIZED FOLLOWING PASSING OF THE TESTS.
9. THE CONTRACTOR SHALL NOT OPERATE ANY VALVE OR PART OF THE CITY WATER SYSTEM WITHOUT NOTIFICATION AND SPECIFIC SUPERVISION OF THE CITY UTILITY DEPARTMENT. THE CONTRACTOR SHALL MAKE ALL CONNECTIONS TO THE SYSTEM REQUIRED AFTER MAKING ARRANGEMENTS WITH THE CITY IN ADVANCE.
10. INSTALLATION OF PIPE, FITTINGS AND VALVES, HYDRANTS AND APPURTENANCES SHALL CONFORM TO WSDOT/APWA STANDARD SPECIFICATIONS. COVER SHALL BE 36 TO 60 INCHES OVER THE TOP OF PIPE UNLESS OTHERWISE NOTED ON PLANS.
11. PIPE BEDDING FOR WATER PIPE:
 IF IT IS ANTICIPATED THAT NATIVE MATERIAL WILL BE SUITABLE FOR PIPE BEDDING, ACTUAL DETERMINATION OF SUITABILITY WILL BE DETERMINED BY THE CITY DURING CONSTRUCTION BASED ON OBSERVATION OF THE NATIVE MATERIAL. IF THE NATIVE MATERIAL IS JUDGED UNSUITABLE FOR PIPE BEDDING, IMPORTED PIPE BEDDING GRAVEL SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR. SEE SANITARY SEWER MATERIAL SPECIFICATION NO. 4. BEDDING SHALL BE SHOWN TO THE MAXIMUM AS SHOWN ON THE ROAD PIPE TYPICAL TRENCH DETAIL.
12. SERVICES, BLOW-OFFS AND MISCELLANEOUS DETAILS SHALL BE AS SHOWN IN THE CITY OF ARLINGTON PUBLIC WORKS CONSTRUCTION STANDARDS AND SPECIFICATIONS SECTION 2 - WATER.
13. THE CONTRACTOR WILL BEGIN INSTALLATION OF THE WATER LINE BY INSTALLING A TEMPORARY RESILIENT SEAT VALVE AND AN APPROVED DOUBLE CHECK VALVE ASSEMBLY AT THE END OF THE EXISTING 8" WATER MAIN.
14. PROVIDE BLUE STREET REFLECTOR(S) ON THE HYDRANT SIDE OF CENTERLINE TO INDICATE HYDRANT LOCATIONS.
15. THE FIRE SPRINKLER SYSTEM DOUBLE CHECK DETECTOR ASSEMBLY (DCCA) SHALL APPEAR ON THE STATE OF WASHINGTON APPROVED LIST OF BACKFLOW PREVENTION ASSEMBLIES. INSTALL PER CITY STANDARDS.
16. AFTER INSTALLING THE DOUBLE CHECK DETECTOR ASSEMBLY IT SHALL BE TESTED AT THE OWNER'S EXPENSE BY A STATE OF WASHINGTON CERTIFIED BACKFLOW ASSEMBLY TESTER, AND A COPY OF THE TEST REPORT SHALL BE SUBMITTED TO THE CITY OF ARLINGTON WATER DEPARTMENT.
17. THE CONTRACTOR SHALL CALL UTILITY UNDERGROUND LOCATE 1-800-424-555 48-HOURS PRIOR TO CONSTRUCTION AND NOTIFY THE CITY UTILITIES DEPARTMENT.

GENERAL NOTES FOR SEWER SYSTEM

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM FOR CURRENT A.P.W.A. SPECIFICATIONS WHEN NOT COVERED BY THE CITY OF ARLINGTON STANDARD SPECIFICATIONS.
2. PVC SEWER PIPE & FITTINGS SHALL BE INTEGRAL WALL BELL & SPIGOT RUBBER GASKET JOINT UNPLASTICIZED POLYVINYL CHLORIDE PIPE CONFORMING TO ASTM 3034 SDR 35.
3. ALL RIGID PIPE ENTERING OR LEAVING THE MANHOLE SHALL BE PROVIDED WITH FLEXIBLE JOINTS WITHIN 12" OF STRUCTURES AND PLACED ON FIRMLY COMPACTED BEDDING. ALL PVC PIPE CONNECTIONS TO MANHOLES SHALL BE MADE WITH GASKETED ADAPTERS AS APPROVED BY THE CITY.
4. THE CONTRACTOR SHALL CALL UTILITY UNDERGROUND LOCATE 1-800-424-555 48-HOURS PRIOR TO CONSTRUCTION AND NOTIFY THE CITY UTILITIES DEPARTMENT.
5. LOW PRESSURE AIR TESTING SHALL BE DONE BY THE CONTRACTOR PER CITY STANDARDS.
6. SIX-INCH (6") SIDE SEWERS SHALL BE TEE FITTINGS & MAINTAIN A 2% MINIMUM GRADE.
7. PRECONSTRUCTION MEETING BETWEEN CITY AND CONTRACTOR TO BE HELD PRIOR TO THE COMMENCEMENT OF ANY SITE WORK.
8. SIDE SEWER & SERVICE MARKER PER STANDARD PLAN S8.
9. ALL MANHOLES, CLEANOUTS, RINGS AND COVERS SHALL BE LOCKING, EXCEPT WHEN LOCATED IN PAVED RIGHT OF WAY, UNLESS OTHERWISE DIRECTED BY CITY.
10. THE CONTRACTOR/OWNER SHALL NOTIFY PEAK ENGINEERING, INC. AND THE CITY ENGINEER WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND OBSERVED FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED WITH THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. LOCATIONS OF EXISTING UTILITIES ARE SHOWN BASED UPON THE BEST AVAILABLE RECORDS AND ARE SUBJECT TO VARIATIONS.
12. SEE CITY STANDARDS SECTION 3-SANITARY SEWER.
13. SIDE SEWERS ARE STATIONED FROM THE DOWNSTREAM MANHOLE.
14. ALL SEWER LINES THAT ARE 14' OR GREATER IN DEPTH SHALL BE C-900 PVC.
15. THE CONTRACTOR SHALL PLUG THE EXISTING SANITARY SEWER MANHOLE PRIOR TO ANY CONSTRUCTION TO PROTECT THE SYSTEM. THE PLUG SHALL NOT BE REMOVED UNTIL FINAL APPROVAL HAS BEEN RECEIVED FROM THE CITY OF ARLINGTON.
16. THE SANITARY SEWER SYSTEM PIPING SHALL BE INSTALLED WITH PEA GRAVEL BEDDING 4 INCHES BELOW AND 12 INCHES ABOVE THE PIPE FOR THE FULL TRENCH WIDTH.
17. THE CONTRACTOR WILL INSTALL A CLEANOUT (AT GRADE) FOR ALL SANITARY SIDE SEWER STUBS THAT ARE UNAVOIDABLY LOCATED UNDER DRIVEWAYS. THE CLEANOUTS WILL BE INSTALLED PER STANDARD PLAN S 11.



CITY OF ARLINGTON	
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.	
CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
BY: <i>Paul Richart</i> CITY ENGINEER	BY: _____ CITY ENGINEER
DATE: 4/11/03	DATE: _____
DATE	REVISION/ISSUED
1/30/03	ISSUED FOR SITE CIVIL REVIEW
3/11/03	PER CITY REVIEW COMMENTS
3/27/03	PER CITY REVIEW COMMENTS/MLAR
6/25/04	AS-BUILT INFO
7/18/04	ADDED AB INR FROM CITY

PEAK ENGINEERING INC.
 1720 GROVE STREET, MARYSVILLE, WASHINGTON 98270
 (360) 658-6986 FAX: (360) 658-7826

C. SCOTT STEWART
 STATE OF WASHINGTON
 2976
 REGISTERED PROFESSIONAL ENGINEER
 EXPIRES 07/16/2009 22025
 DATE: 3/28/03

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
 HUEY SURVEYING & LAND CONSULTING, INC.
 23407 - 135TH AVE NE
 ARLINGTON, WA 98223
 (360) 435-4566
 &
 METRON & ASSOCIATES, INC.
 307 N. OLIMPIA AVE., SUITE 205
 ARLINGTON, WA 98223
 (360) 435-3777

APPLICANT
 RAMO CONSTRUCTION
 c/o RALPH MONY
 SMOKEY POINT BLVD, STE 301
 ARLINGTON, WA 98223
 (360) 435-8565

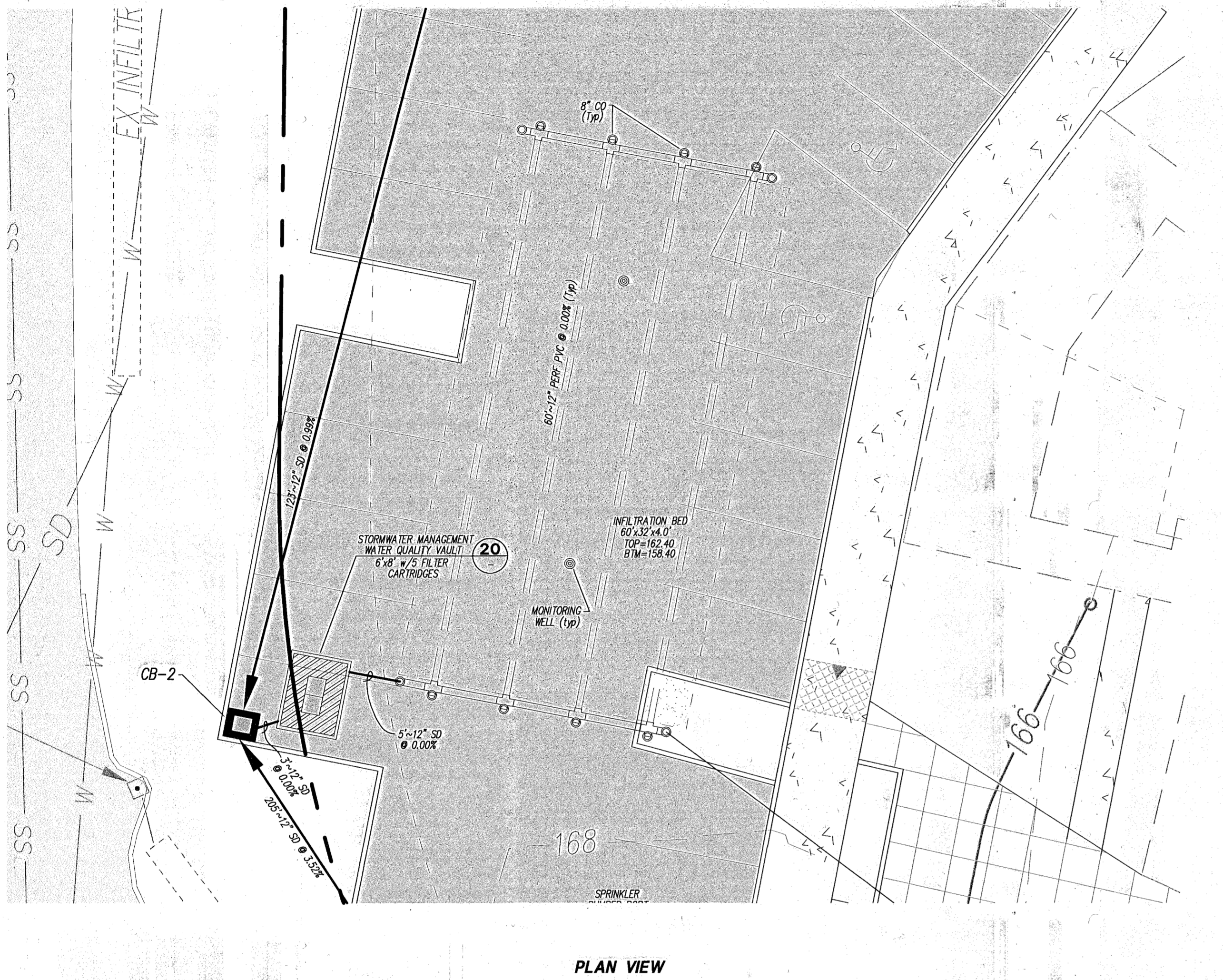
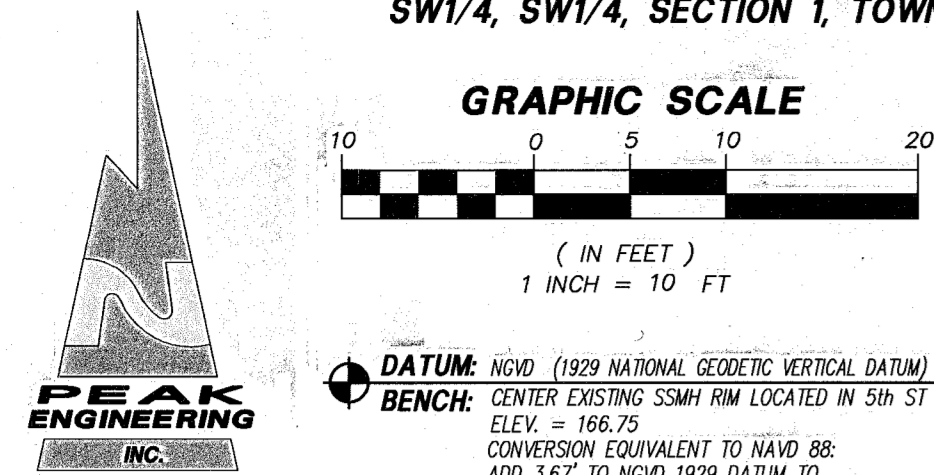
OWNER
 IMMACULATE CONCEPTION CHURCH
 1200 E 5TH
 ARLINGTON, WA 98223
 (360) 435-8565

CITY OF ARLINGTON
AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
 THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A RECORD DRAWING. THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET ASSUMES FULL AND COMPLETE RESPONSIBILITY FOR THE ACCURACY THEREIN.
 BY: *Paul Richart*
 CITY ENGINEER
 DATE: 08 JUL 04

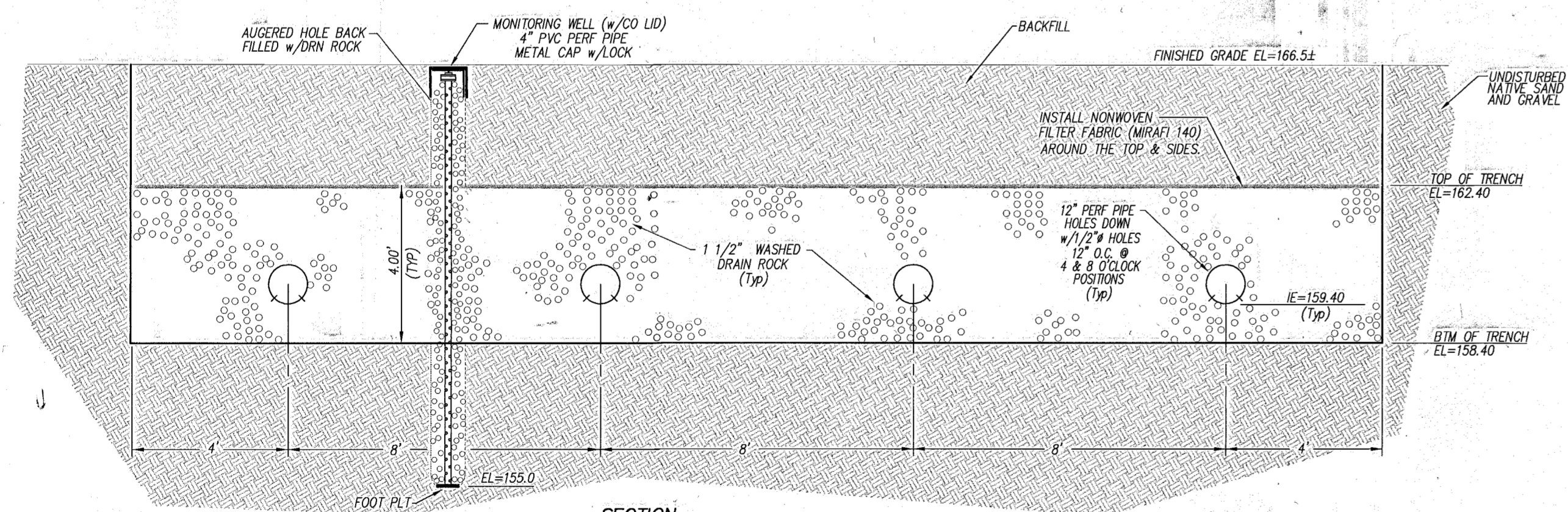
CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
 THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO: MN-02-028 *AS-BUILT*
IMMACULATE CONCEPTION PARISH
WATER & SANITARY SEWER PLAN

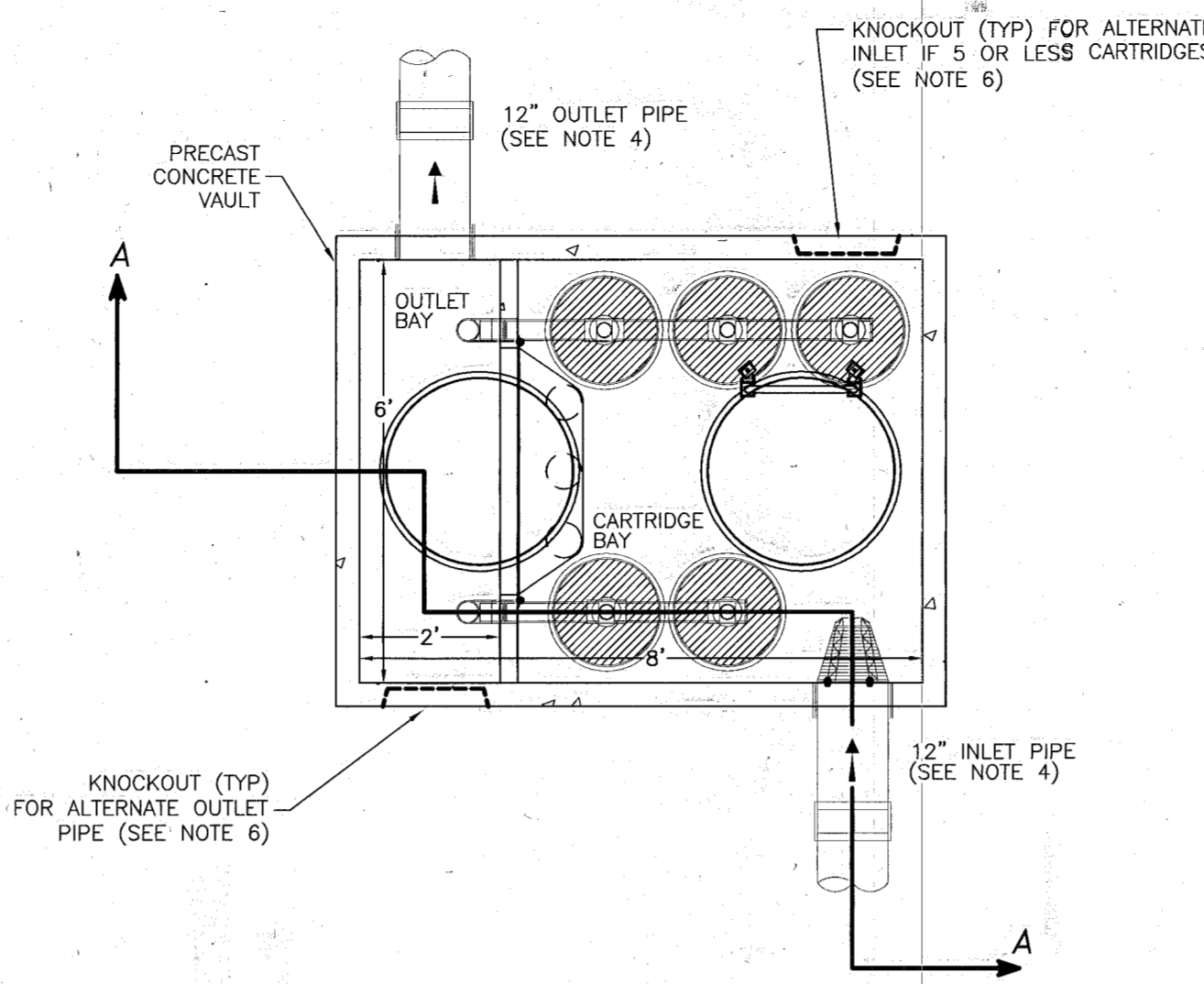
PROJECT NO.
01377
DWG
C4
 OF 5



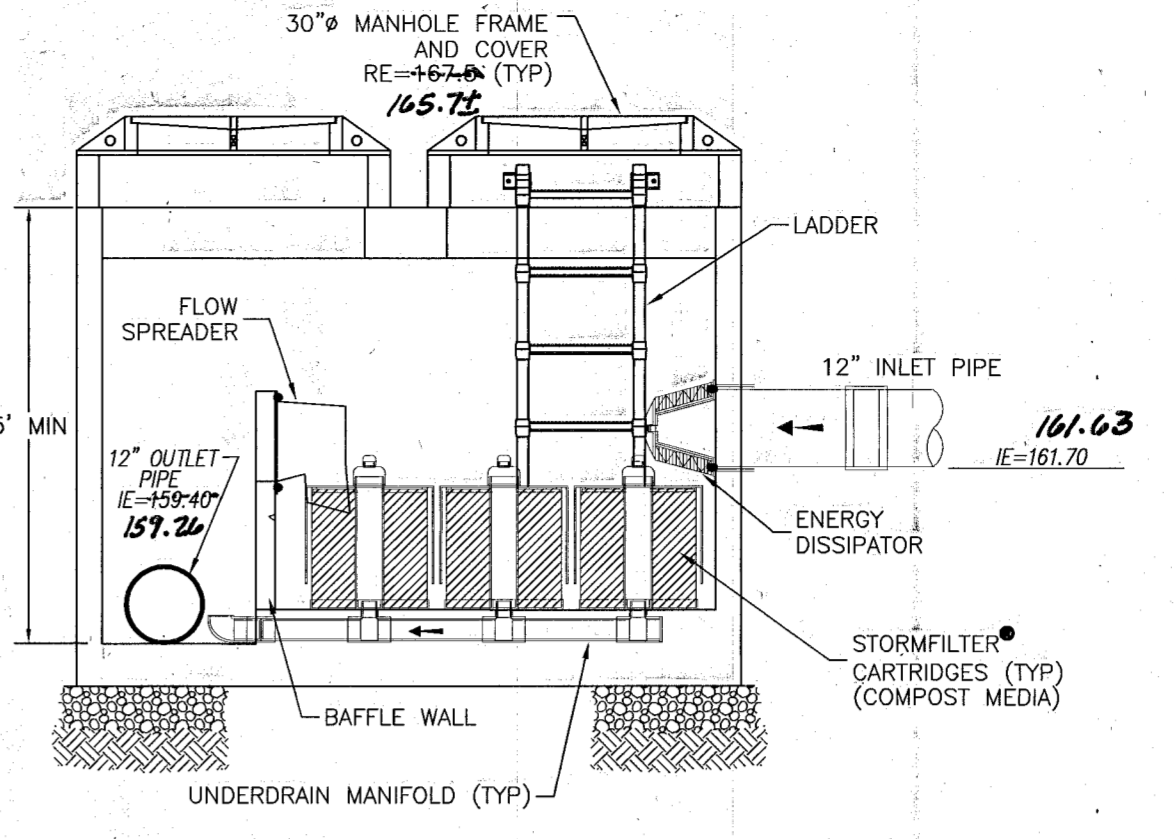
PLAN VIEW



INFILTRATION DETAIL/SECTION 10
N.T.S.



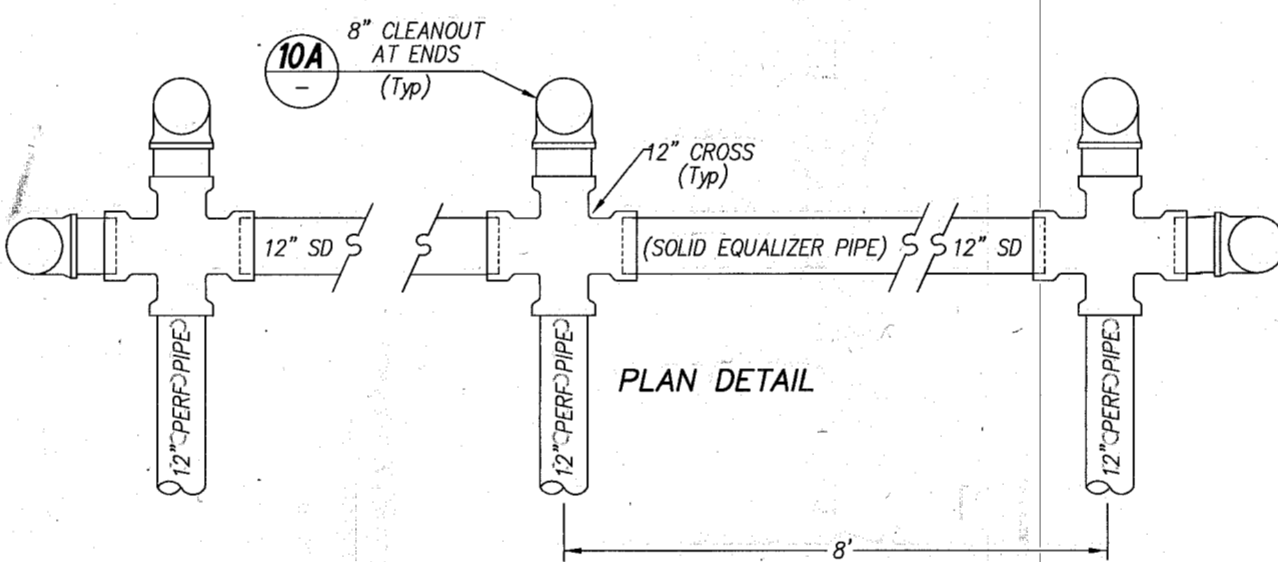
6'x8' PRECAST STORMFILTER - PLAN VIEW
SCALE: N.T.S.



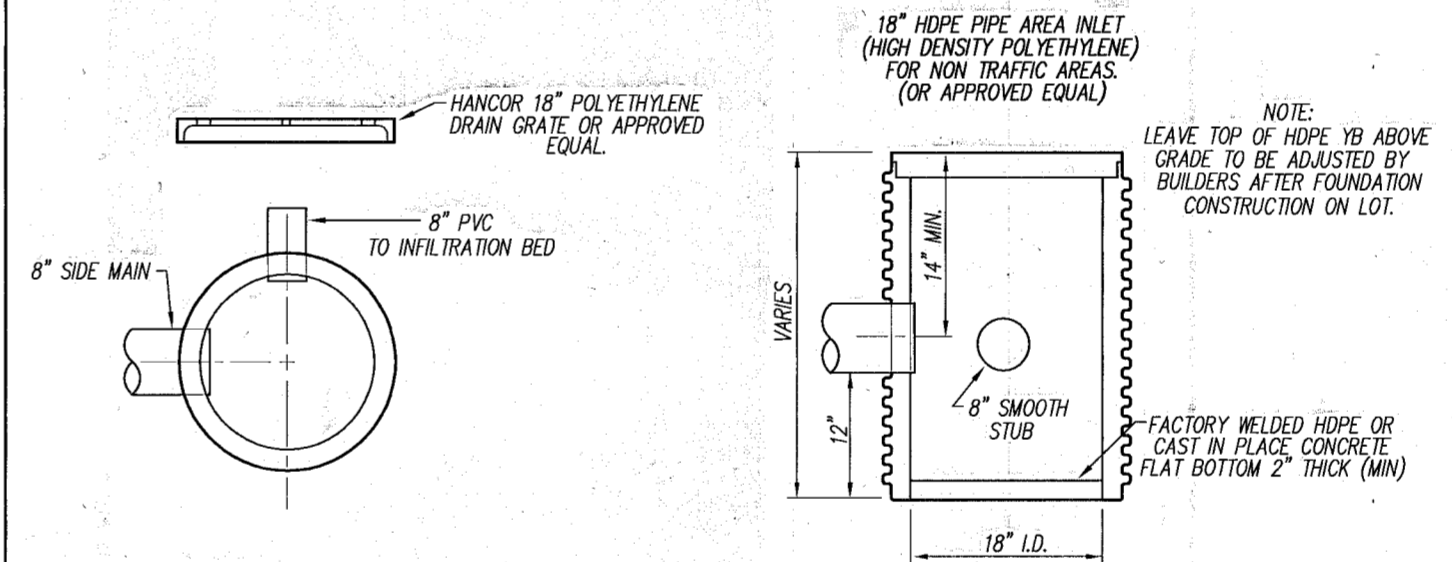
6'x8' PRECAST STORMFILTER - SECTION A-A
SCALE: N.T.S.

- GENERAL NOTES**
- 1.) STORMFILTER BY STORMWATER MANAGEMENT, PORTLAND, OREGON (503-240-3393).
 - 2.) ALL STORMFILTERS REQUIRE REGULAR MAINTENANCE. REFER TO OPERATION AND MAINTENANCE GUIDELINES FOR DETAILS.
 - 3.) PRECAST CONCRETE VAULT TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C858.
 - 4.) INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
 - 5.) PRECAST STORMFILTER EQUIPPED WITH KNOCKOUTS AT ALT. INLET/OUTLET LOCATIONS. CORINGS AVAILABLE WHEN SPECIFIED.
 - 6.) DETAIL REFLECTS DESIGN INTENT ONLY. ACTUAL VAULT DIMENSIONS AND CONFIGURATION WILL BE SHOWN ON THE PRODUCTION SHOP DRAWING.

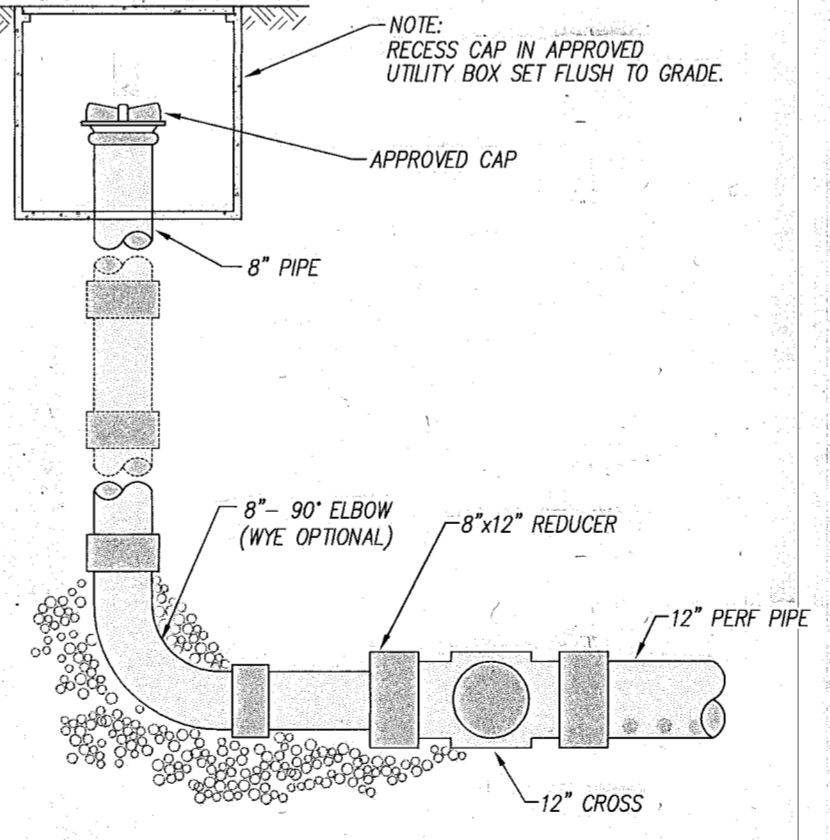
The STORMWATER MANAGEMENT StormFilter
U.S. PATENT No. 5,352,859
No. 5,824,076, No. 5,707,827
AND OTHER U.S. AND
FOREIGN PATENTS PENDING



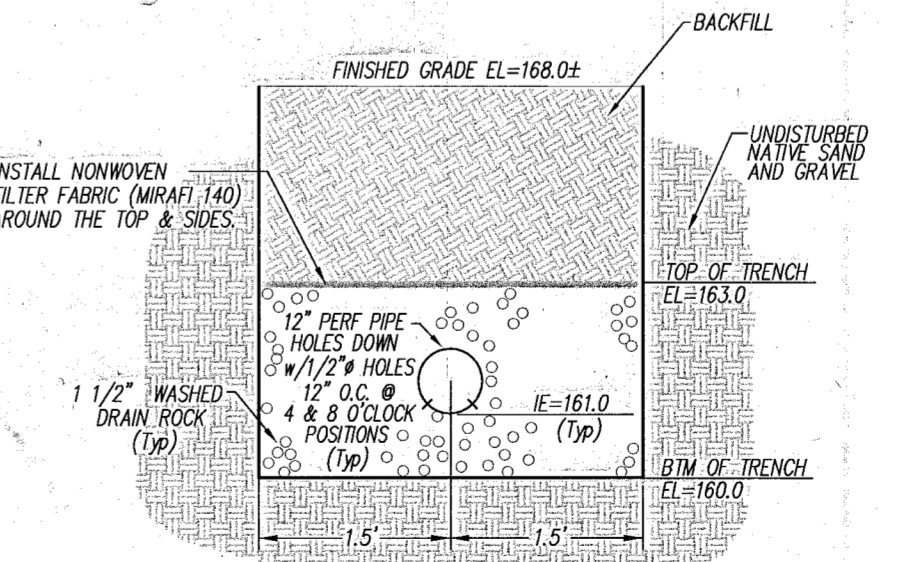
PLAN DETAIL



YARD BASIN DETAILS 7
N.T.S.



8" CLEANOUT TO GRADE 10A
N.T.S.



INFILTRATION SECTION 6
N.T.S.

NOTE:
DIG 2 TEST PITS IN PROPOSED INFILTRATION AREA AND HAVE GEOTECHNICAL ENGINEER INSPECT SOIL PRIOR TO BEGINNING CONSTRUCTION AND REPORT FINDINGS TO PEAK ENGINEERING AND CITY.

CITY OF ARLINGTON	
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.	
CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
BY: <i>Paul Richart</i> CITY ENGINEER	BY: _____ CITY ENGINEER
DATE: 4/11/03	DATE: _____
DATE: 1/30/03	REVISION/ISSUED
3/11/03	ISSUED FOR SITE CIVIL REVIEW
3/27/03	PER CITY REVIEW COMMENTS
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	AS-BUILT INFO

PEAK ENGINEERING INC.
1720 GROVE STREET, MARYSVILLE, WASHINGTON 98270
(360) 658-6986 FAX: (360) 658-7826

U.S. SCOTT STEWART
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 07/16/2009 2005
DATE: 3/29/03

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
HUEY SURVEYING & LAND CONSULTING, INC.
23407 - 135TH AVE. NE
ARLINGTON, WA 98223
(360) 435-4566
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OWNER
IMMACULATE CONCEPTION CHURCH
1200 E 5TH
ARLINGTON, WA 98223
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CITY OF ARLINGTON
AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
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BY: *For Paul Richart*
CITY ENGINEER
DATE: 6/25/04
CALL 48 HOURS BEFORE YOU DIG 1-800-424-8585
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO: MN-02-028
IMMACULATE CONCEPTION PARISH
DETAIL PLAN

PROJECT NO. 01377
DWG C5
OF 5