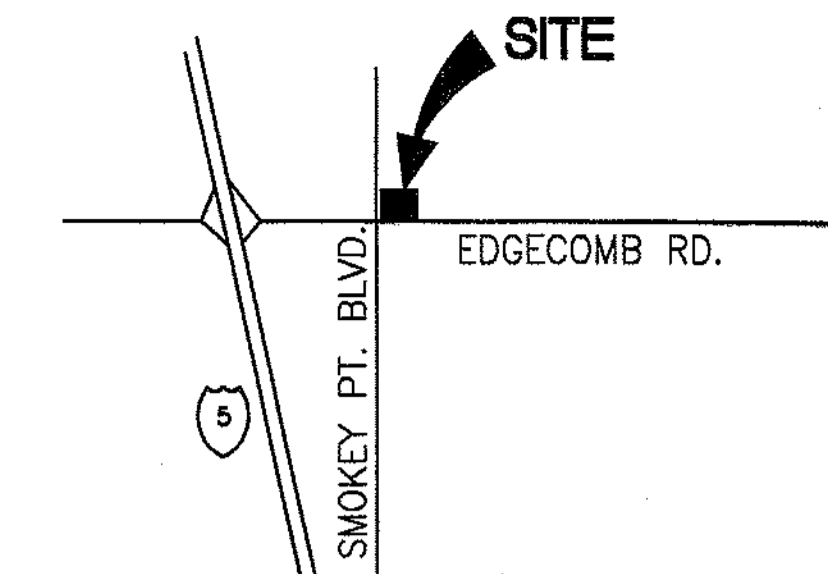


# ARCO AM/PM MINI-MARKET - CAR WASH ADDITION

## 3521 172ND STREET NE ARLINGTON, WASHINGTON

A Portion of the SW 1/4 of the SW 1/4 of Section 21, Township 31N., Range 5E., W.M.



### GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH CURRENT BUILDING CODE AND/OR PLUMBING CODES. CONTRACTOR SHALL REFER TO CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS, CITY OF MARYSVILLE STANDARDS FOR SANITARY SEWER AND WATER SERVICE SHALL BE APPLICABLE FOR THOSE UTILITIES ONLY.
- THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE AVAILABLE RECORDS AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC., TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- INSPECTION OF BUILDING AND SITE WORK WILL BE ACCOMPLISHED BY THE CITY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
- PRIOR TO ANY CONSTRUCTION/DEVELOPMENT ACTIVITY, THE INSPECTION PERSONNEL MUST BE CONTACTED FOR ANY REQUIRED PRE-CONSTRUCTION MEETING(S).
- SOIL STERILIZATION (WEED KILLER) SHALL BE APPLIED IN AREAS TO BE PAVED. KEEP 2-FOOT MINIMUM CLEAR OF EXISTING AND PROPOSED LANDSCAPE AREAS. APPLY AT MANUFACTURER'S RECOMMENDED RATE TO ASSURE 3-INCH MINIMUM PENETRATION.
- PONDING OR "BIRDBATHS" EXCEEDING ONE-QUARTER INCH IN DEPTH SHALL NOT BE ACCEPTABLE AND SHALL BE CORRECTED BY THE CONTRACTOR.
- PRIOR TO THE START OF GRADING, ALL EXISTING VEGETATION, DEBRIS, RUBBLE, ASPHALT PAVEMENT, ETC., SHALL BE REMOVED FROM THE SITE TO THE SATISFACTORY OF THE OWNER. ALL MATERIAL TO BE USED AS FILL (BOTH ON SITE AND IMPORTED) SHALL BE APPROVED MATERIAL.
- ALL "ENGINEERED FILLS" SHALL BE COMPACTED TO 95 PERCENT MAXIMUM DENSITY (ASTM-D-1557). THE EMBANKMENTS SHALL BE CONSTRUCTED IN SUCCESSIVE HORIZONTAL LAYERS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. BOTTOM OF SUBEXCAVATIONS AND AREAS TO RECEIVE FILL SHALL BE SCARIFIED TO A DEPTH OF 6" MOISTURE CONDITIONED TO NEAR OPTIMUM & COMPACTED TO A MINIMUM OF 90% RELATIVE DENSITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING AND/OR EXPORTING ALL MATERIAL AS REQUIRED TO PROPERLY GRADE THIS SITE TO THE FINISHED ELEVATIONS SHOWN HEREON IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ASSURE THAT SILT-LADEN WATER DOES NOT ENTER THE PUBLIC STORM DRAIN SYSTEM. ALL STORM FACILITIES SHALL BE FLUSHED AND CLEANED PRIOR TO FINAL ACCEPTANCE.
- BACKFILL TRENCH OF PIPES IN LIFTS OF 8 INCHES AND COMPACT TO 95 PERCENT RELATIVE COMPACTION UNDER PAVED AREAS AND 90 PERCENT COMPACTION OFF PAVED AREAS. ALL PIPE SHALL BE INSTALLED WITH BEDDING IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL UTILITY LINE EXCAVATION BEDDING AND BACKFILL MATERIALS, AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH GOVERNING AGENCY REQUIREMENTS.
- ALL SPOT ELEVATIONS SHOWN ON THE PLAN ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE GENERAL CONTRACTOR SHALL REFER TO GUIDELINES AND RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL STUDY PREPARED FOR THIS PROJECT. ANY DISCREPANCY BETWEEN THESE PLANS AND THE SOILS REPORT SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF BARGHAUSEN CONSULTING ENGINEERS, INC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES TO REMAIN IN USE WITHIN THE CONSTRUCTION AREA, WHETHER SHOWN ON THESE PLANS OR NOT.
- PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ADJACENT PROPERTIES, PUBLIC AND PRIVATE, AT ALL TIMES DURING CONSTRUCTION.
- FOR ANY WORK ON ADJACENT PROPERTY THE CONTRACTOR SHALL CONFIRM THAT RIGHT OF ENTRY HAS BEEN OBTAINED AND CONSTRUCTION EASEMENTS HAVE BEEN ESTABLISHED.
- TESC MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE WORK (SEE TESC PLAN C3-3).

### SITE NOTES

- NEW ON-SITE CONCRETE PAVEMENT SHALL CONSIST OF:
  - 5" (MINIMUM) THICKNESS DRIVE SLABS & WALKS PORTLAND CEMENT CONCRETE (4,000 PSI) WITH 6" X 6" - #10/#10 WELDED WIRE MESH, OVER
  - 4" (MINIMUM) CRUSHED ROCK BASE COURSE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557-91, OVER
  - 12" (MINIMUM) STRUCTURAL FILL (OR RECOMPACTED SUBGRADE) COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557-91, OVER
  - STRUCTURAL FILL COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557-91
  - CONCRETE FLOOR SLABS ON GRADE SHALL BE REINFORCED WITH MINIMUM #3 BARS @ 18" o.c. EACH WAY OVER COMPACT SUBGRADE, 10 MIL VAPOR BARRIER OR 4" THICKNESS OPEN GRADED GRAVEL OR OTHER, PER GEOTECHNICAL REPORT

### SOILS REPORT NOTES:

- THE FOLLOWING SOILS REPORT FOR THE SITE SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS:
 

SOIL INVESTIGATION: GEOTECHNICAL INVESTIGATION REPORT  
ARCO STATION #5583  
ARLINGTON, WASHINGTON  
PROJECT No. 04BP.05654.00

AS PERFORMED BY: SECOR INTERNATIONAL  
25884 BUSINESS CENTER DRIVE  
REDLANDS, CA, 92374  
Phone: 909-335-6116
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL PROVISIONS OF THE SOILS REPORT FOR THE SITE BE OBSERVED AND COMPLIED WITH DURING ALL PHASES OF THE SITE PREPARATION, GRADING OPERATIONS, FOUNDATION, SLAB, AND PAVING CONSTRUCTION.
- ANY PROVISIONS OF THE SOILS REPORT WHICH CONFLICT WITH INFORMATION SHOWN ELSEWHERE ON THESE DRAWINGS, OR WHICH REQUIRE FURTHER CLARIFICATION, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR DETERMINATION.
- A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE AVAILABLE TO OBSERVE AND APPROVE THE EARTHWORK OPERATIONS AND TO VERIFY FIELD CONDITIONS AS WORK PROCEEDS. THE SOILS ENGINEER SHALL SUBMIT FIELD REPORTS CERTIFYING THAT THE METHODS AND MATERIALS OF THE EARTHWORK OPERATIONS WERE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS INVESTIGATION AND THAT THE WORK WAS PERFORMED TO HIS/HER SATISFACTION.

### VICINITY MAP

### LEGAL DESCRIPTION

THE SOUTH 330 FEET OF THE WEST 226 FEET OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.;

EXCEPT THE WEST 30 FEET CONVEYED TO SNOHOMISH COUNTY UNDER AUDITOR'S FILE NO. 191995;

EXCEPT THE EAST 10 FEET OF THE WEST 40 FEET OF THE NORTH 100 FEET OF THE SOUTH 330 FEET CONVEYED TO SNOHOMISH COUNTY UNDER AUDITOR'S FILE NO. 8101300187;

EXCEPT THAT PORTION LYING WITHIN 172ND STREET NORTHEAST;

EXCEPT THAT PORTION CONVEYED TO SNOHOMISH COUNTY BY AUDITOR'S FILE NO. 8811210220;

SITUATED IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

### ASSESSORS PARCEL NO.

310521-003-029-00

### UTILITY CONTACT LIST

NO.	DATE	REVISION DESCRIPTION
1	9/22/06	PERMIT REVISION
2	11/18/06	2ND PERMIT SUBMITTAL
3	1/19/07	PLAN CHECK COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		
12		

<b>WATER/SEWER:</b> CITY OF MARYSVILLE 80 COLUMBIA AVENUE MARYSVILLE, WA 98270 (360) 363-8100 CONTACT: TERRY HAWLEY	<b>TELEPHONE:</b> GTE 2313 W. CASINO RD. EVERETT, WA 98204-1440 (425) 356-4053 CONTACT: STEVE PETER
<b>POWER:</b> SNOHOMISH COUNTY P.U.D. #1 P.O. BOX 1107 EVERETT, WA 98206-1107 (425) 347-4363 CONTACT: NICK FADICH	<b>STORM:</b> CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT 238 N. OLYMPIC AVENUE ARLINGTON, WA 98223 (360) 403-3502 CONTACT: TERRY CASTLE

### CIVIL SHEET INDEX

- CW1-1 CIVIL - CAR WASH COVER SHEET
  - CW1-2 CIVIL - CAR WASH SITE PLAN
  - CW2-1 CIVIL - CAR WASH UTILITY PLAN
  - CW3-1 CIVIL - CAR WASH GRADING AND STORM DRAINAGE PLAN
  - CW3-3 CIVIL - CAR WASH DEMOLITION/T.E.S.C. PLAN
  - CW4-1 CIVIL - CAR WASH TRASH ENCLOSURE
  - CW4-2 CIVIL - CAR WASH DETAILS AND SECTIONS
- L1 LANDSCAPE PLANTING PLAN

CLIENT:

BP WEST COAST PRODUCTS, LLC  
ALLIANCE MANAGER, AGENT FOR BP

**Bovis**  
Lend Lease

4 CENTERPOINTE DRIVE  
LA PALMA, CA 90823

NATIONAL SITE ADAPT CONSULTANT:

LAND PLANNING AND DESIGN SPECIALISTS  
19215 72ND AVENUE SOUTH  
KENT, WASHINGTON 98032  
(425) 251-6222

**CONFIDENTIALITY STATEMENT:**  
 THE REVISIONS OF THESE MATERIALS UNDERSTANDS THAT THE REVISIONS WILL BE MADE BY THE ORIGINAL DESIGNER AND THAT THE MATERIALS CONTAIN PROPRIETARY AND CONFIDENTIAL BUSINESS INFORMATION OF THE ORIGINAL DESIGNER AND AGREES NOT TO DISCLOSE THESE MATERIALS TO ANY OTHER PARTY AND FURTHER AGREES TO HOLD OTHER PARTIES OF THE MATERIALS. THE ORIGINAL DESIGNER SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL INFORMATION CONTAINED HEREIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL INFORMATION CONTAINED HEREIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL INFORMATION CONTAINED HEREIN.

**DEVELOPMENT INFORMATION:**

**CAR WASH ADDITION**  
24'-0"x48'-0"  
Tilt-Wall Car Wash

**SITE ADDRESS:**

3521 172nd Street NE  
@ 35th Avenue NE  
Arlington, Washington

**FAC #5583**

DESIGNED BY:	ALLIANCE ZBGM:
CHECKED BY:	BP REPM:
DRAWN BY:	ALLIANCE PN:
VERSION:	PROJECT NO:
	<b>BCE#2797</b>

**DRAWING TITLE:**

**CIVIL CAR WASH COVER SHEET**

SHEET NO:

**CW1-1**

**CITY OF ARLINGTON**

**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/OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: \_\_\_\_\_ CITY ENGINEER

DATE: \_\_\_\_\_

THIS APPROVAL IS VALID FOR 18 MONTHS

**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: \_\_\_\_\_ CITY ENGINEER

DATE: \_\_\_\_\_

**ORIGINATING NAVD 88 DATUM BENCHMARK:**

WSDOT GP31531-162  
ELEVATION 125.06 NAVD 88

**MONUMENT DESCRIPTION:**

THE MARK IS A WSDOT BRASS DISK CEMENTED INTO A DRILL HOLE AND SET LEVEL WITH THE CONCRETE SURFACE. NOTE: THIS STATION SIGHTS GP31531-163.

**LOCATION DESCRIPTION:**

IT IS LOCATED IN THE NORTHEAST QUADRANT OF THE SR-531 INTERSECTION WITH 51ST AVENUE N.E., NEAR THE SOUTHERLY END OF A CONCRETE SIDEWALK, 15.3 METERS @ 80 DEGREES FROM THE APPROXIMATE CENTERLINE OF 51ST AVENUE N.E., 23.4 METERS @ 140 DEGREES FROM A GRATE INLET, 1.0 METERS @ 250 DEGREES FROM AN ORANGE WITNESS POST, 22.3 METERS @ 290 DEGREES FROM A SEWER MANHOLE COVER AND 16.2 METERS @ 340 DEGREES FROM A TRAFFIC SIGNAL BASE.

**SITE BENCHMARK:**

ELEVATION 129.44 NAVD 88

SCRIBED "X" ON NORTHWEST BOLT, TOP FLANGE OF HYDRANT @ SOUTH RETURN OF DRIVEWAY AT NORTHWEST CORNER ARCO SITE, EAST SIDE OF SMOKEY POINT BOULEVARD (35TH AVENUE N.E.)

**CALL BEFORE YOU DIG:**  
1-800-424-5555

RECEIVED  
MAR 19 2007

File: P:\020008\2797\Engineering\FAC05583.cwl - Long Date/Time: 1/24/2007 1:05 PM Scale: 1" = 1' CBULL Xref: c2797b.dwg, pxy.dwg