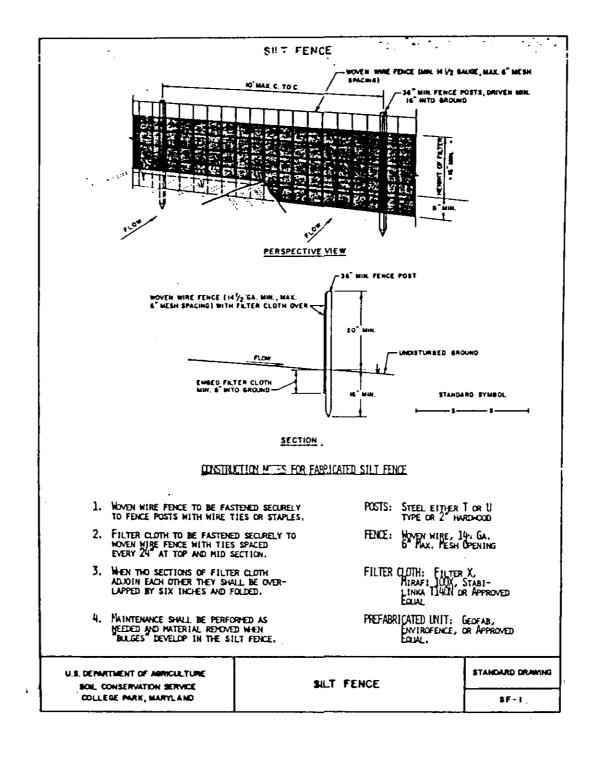


HOWARD SOIL CONSERVATION DISTRICT

STANDARD SEDIMENT CONTROL NOTES

- 1) A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction,
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.
- 3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis: Total Area of Site Area Disturbed Area to be roofed or paved Area to be vegetatively stabilized Total Cut Cu. Yds. Total Fill Offsite waste/borrow area location
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- 11) Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.



PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT, LONG-LIVED VEGETATIVE COVER IS

SEEDBED PREPARATION:

SOIL AMENDMENTS:
IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING 1. PREFERRED -- APPLY 2 TONS / AC (92 LBS / 1000 SF) OF - APPLY 2 TONS / AC (92 LBS / 1000 SF) OF DOLONITIC LIMESTONE AND 600 LBS / AC (14 LBS / 1000 SF) OF 10-10-10 FERTILIZER BEFORE SEEDING. HARROW OR DISK UPPER THREE (3") INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS / AC (92 LBS / 1000 SF) OF 30-0-0 UREAFORM 2. ACCEPTABLE- APPLY 2 TONS / AC (92 LBS / 1000 SF) OF DOLOMITIC LIMESTONE AND 1000 LBS / AC (23 LBS / 1000 SF) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE (3") OF SOIL.

FOR THE PERIODS OF MARCH 1st THRU APRIL 30th, AND AUGUST 1st THRU OCTOBER 15th, SEED WITH 60 LBS / AC (1.4 LBS / 1000 SF)
OF KENTUCKY 31, TALL FESCUE. FOR THE PERIODS OF MAY 1st THRU JULY 31st, SEED WITH 60 LBS / AC (1.4 LBS / 1000 SF) AND 2 LBS / AC (0.05 LBS / 1000 SF) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16th THRU FEBRUARY 28th, PROTECT THE SITE BY:

OPTION 1: 2 TONS / AC OF WELL ANCHORED STRAW MULCH, AND SEED AS SOON AS POSSIBLE, ON THE SPRING.

OPTION 2: USE SOD.

OPTION 3. SEED WITH 60 LBS / ACRE (1.4 LBS / 1000 SF) OF KENTUCKY 31, TALL FESCUE AND MULCH WITH 2 TONS / AC (92 LBS / 1000 SF) OF WELL ANCHORED STRAW.

MULCHING:

APPLY 11 TO 2 TONS / AC (70-90 LBS / 1000 SF) OF UNROTTED,

SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH

IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR

218 GALLONS / AC (5 GAL / SF) OF EMULSIFIED ASPHALT ON FLAT

AREAS. ON SLOPES OF P. FEET OR HIGHER, USE 348 GALLONS / AC (8 GAL / AC) FOR ANCHORING.

MAINTENANCE:
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING:

FOR PERIODS OF MARCH 1st THRU APRIL 30th AND FROM AUGUST 15th
THRU OCTOBER 15th, SEED WITH 2; BUSHELS / AC (3.2 LBS / 1000
SF). FOR THE PERIOD OF MAY 1st THRU AUGUST 14th, SEED WITH 3
SF). FOR THE PERIOD OF MAY 1st THRU AUGUST 14th, SEED WITH 3
LBS / AC (0.07 LBS / 1000 SF). FOR THE PERIOD OF NOVEMBER
16th THRU FEBRUARY 28th, PROTECT THE SITE BY APPLYING 2 TONS
16th THRU FEBRUARY 28th, PROTECT THE SITE BY APPLYING 2 TONS
16th CONTACT OF THE SPRING; OR USE SOD.

MULCHING:

APPLY 11 TO 2 TONS / AC (70-90 LBS / 1000 SF) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS / AC (5 GAL / 1000 SF) OF EMULSIFIED ASPHALT ON FLAY AREAS. ON SLOPES OF 8 FEET OR HIGHER, USE 348 GALLONS / AC (8 GAL / 1000 SF) FOR ANCHORING.

REFER TO THE 1983 " MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION:

LOOSEN UPPER THREE (3") INCHES OF SOIL BY RAKING, DISKING OR

OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY

SOIL AMENDMENTS:
APPLY 60 LBS / AC (1.4 LBS / 1000 SF) OF 10-10-10 FERTILIZER.

AS SOON AS POSSIBLE IN THE SPRING; OR USE SOD.

EROSION AND SEDIMENT CONTROL" FOR RATES AND METHODS NOT COVERED.

SEQUENCE OF CONSTRUCTION

(FOR SEDIMENT AND EROSION CONTROL (SEC) PRACTICES)

- 1 DAY 1. OBTAIN PERMIT
- 2. INSTALL PERIMETER SILT FENCE ON BACK SIDE OF SITE 1 DAY
- 3. REMOVE EXISTING PUMP ISLANDS, DISPENSERS AND UNDERGROUND FUEL STORAGE TANKS
- 4. INSTALL NEW PUMP ISLANDS, DISPENSERS, CANOPY, FUEL STORAGE TANKS AND NEW CURBING
- 5. INSTALL NEW PAVING AND LANDSCAPING
- 6. REMOVE SEDIMENT AND EROSION CONTROLS AND STABILIZE REMAINING DISTURBED AREAS WITH THE PERMISSION OF THE HOWARD COUNTY INSPECTOR
- 7. MAINTENANCE

CONTINUAL

3 DAYS

7 WEEKS

2 WEEKS

1 DAY

NOTE: SOME FUNCTIONS MAY BE PERFORMED SIMULTANEOUSLY. PROVIDED ADEQUATE SEDIMENT AND EROSION CONTROLS ARE INPLACE AND FUNCTIONING.

NOTE: ALL WORK PERFORMED ALONG MONTGOMERY ROAD AND US ROUTE 1 SHALL BE STARTED AND COMPLETED WITHIN A FOURTEEN DAY PEIROD. ROAD BEDS SHALL BE EXCAVATED GRADED AND COVERED WITH CR6 BASE IN ONE DAY INTERVALS.

WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. ENGINEER: MELVIN C. BEALL JR. THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL. U.S. SOIL CONSERVATION SERVICE THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT SERVATION DISTR APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

I CERTIFY THAT THIS PLAN FOR EROSION AND

SEDIMENT CONTROL REPRESENTS A PRACTICAL AND

BY THE ENGINEER:

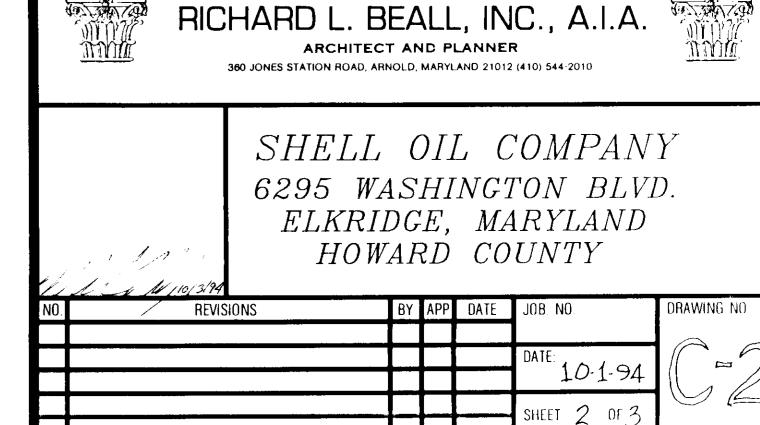
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. - 1. Thu 10,18.91 ADDRESS CHART STREET ADDRESS LOT NUMBER 6295 WASHINGTON BLVD. US RTE. 114

ama Ivunnamiv CHIEF, DIVISION OF PAND

DEVELOPMENT AND RESEARCH 4 0

	PERN	AIT INFO	RMATION CH	HART	
JBDIVISION NAME			SECTION/AREA	LOT/PARCEL# 114	
AT # OR L/F	BLOCK#	ZONE	TAX/ZONE MAP	ELECT. DIST.	CENSUS TRACT
1409 F675	8		38	1ST.	6012
ATER CODE DO9			SEWER CODE 2024500		

UBDIVISION NAME			SECTION/AREA	LOT/PARCEL# 114		
LAT # OR L/F	BLOCK#	ZONE	TAX/ZONE MAP	ELECT. DIST.	CENSUS TRACT	
L1409 F675	8		38	1ST.	6012	
VATER CODE DO9			SEWER CODE 2024500			
			10 101 10 10 10 10 10 10 10 10 10 10 10			



OWNER/DEVELOPER

SHELL OIL COMPANY TWO FOUNTAIN SQUARE 11921 FREEDOM DRIVE, SUITE 900 RESTON, VIRGINIA 22090 703-707-5600

AS-BUILT CERTIFICATE

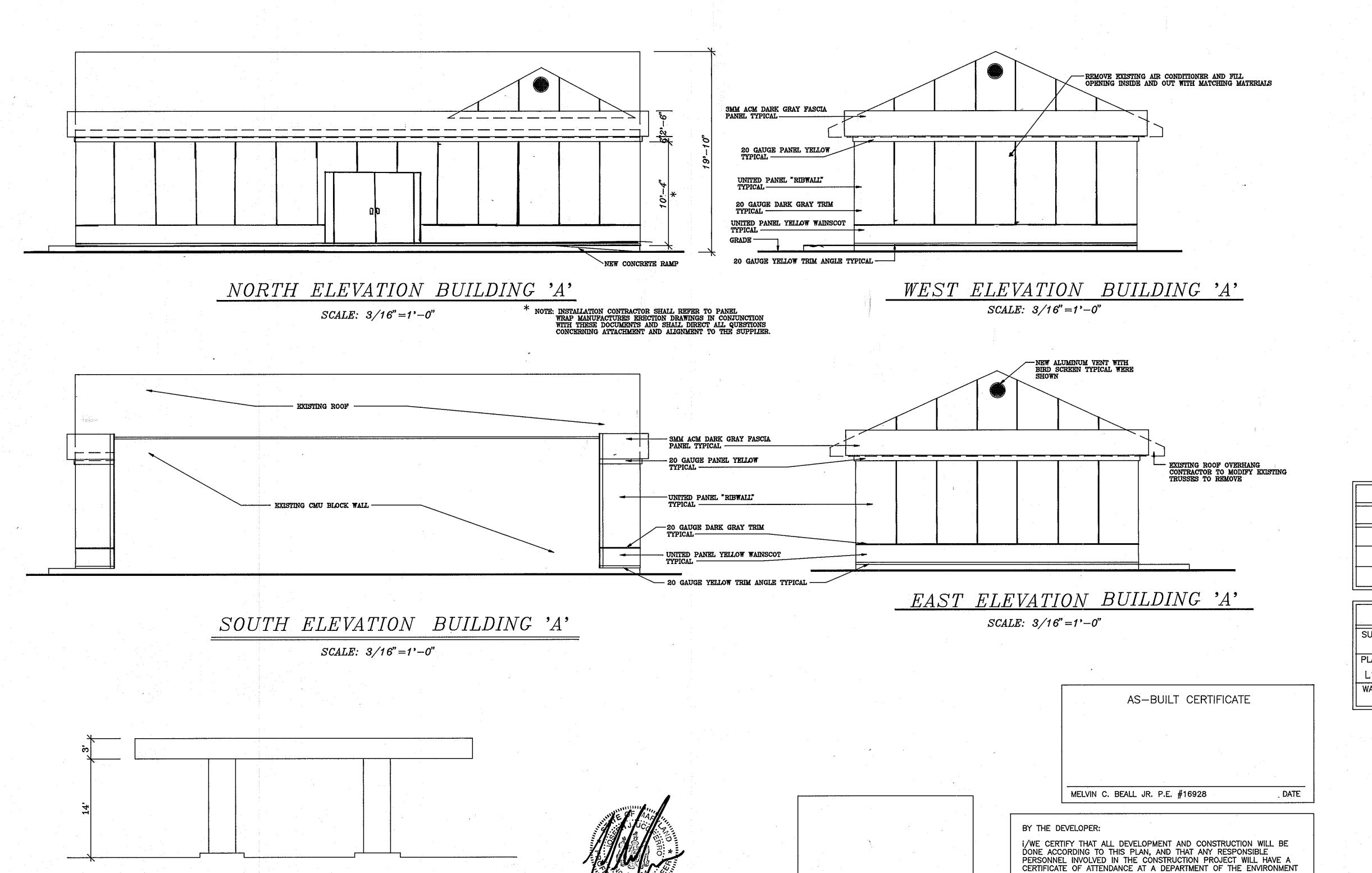
DATE

MELVIN C. BEALL JR. P.E. #16928

BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

and total DEVELOPER ANDY CRETAL, SHELL OIL COMPANY DATE



FOR REVISION I ONLY

PROFESSIONAL CERTIFICATION

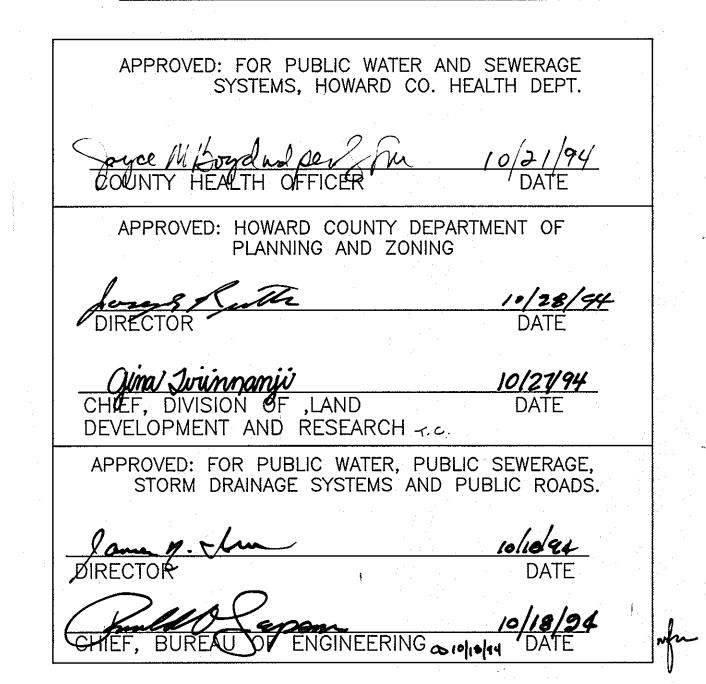
I, JOSEPH J. UCCIFERRO, HEREBY CERTIFY
THAT THESE DOCUMENTS WERE PREPARED
OR APPROVED BY ME AND THAT I AM
A DULY LICENSED PROFESSIONAL
ENGINEE A. UNDER THE LAWS OF
THE STATE OF MARYLAND, LICENSE NO.
36064, EXPIRATION DATE: 6/26/2014

PROFILE STRUCTURE 'B' PUMP ISLAND CANOPY

SCALE: 1/8"=1'-0"

OWNER/DEVELOPER

SHELL OIL COMPANY
TWO FOUNTAIN SQUARE
11921 FREEDOM DRIVE, SUITE 900
RESTON, VIRGINIA 22090
703-707-5600



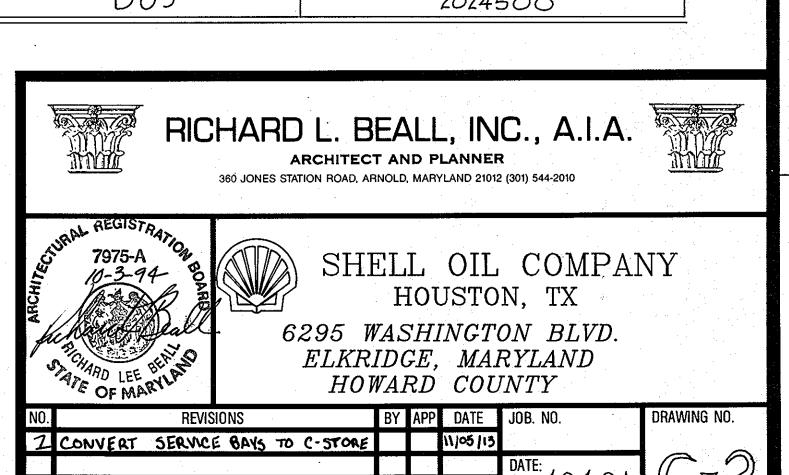
	ADDRESS CHART
LOT NUMBER	STREET ADDRESS
114	6295 WASHINGTON BLVD. US RTE. 1

	PERN	AIT INFO	DRMATION CH	HART	
SUBDIVISION NAME	•		SECTION/AREA		LOT/PARCEL# 114
PLAT # OR L/F	BLOCK#	ZONE	TAX/ZONE MAP	ELECT. DIST.	CENSUS TRACT
L1409 F675	8		38	1ST.	6012
WATER CODE r	709		SEWER CODE	2024500	`

APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND

DEVELOPER ANDY CRETAL SHELL OIL COMPAINY DATE

EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON—SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.



SDP 95-15