

- EXISTING PROPERTY LINE TO REMAIN.
- PROPOSED BUILDING AS NOTED.
- PROPOSED SOLID WASTE ENCLOSURE;
- PROPOSED HYDRAULICALLY ISOLATED FUELING AREA WITH OVERHEAD CANOPY.
- PROPOSED UNDERGROUND STORAGE TANKS.
- PROPOSED ASPHALT PAVING.
- PROPOSED CONCRETE PAVING.
- PROPOSED BARRIER CURB.
- PROPOSED CURB AND GUTTER, TYPICAL.
- PROPOSED CONCRETE SIDEWALK, WIDTH VARIES.
- PROPOSED ACCESSIBLE CURB RAMP, TYPICAL.
- PROPOSED ROLLED CURB.
- PROPOSED VENT STACK.
- PROPERTY LINE TO BE REMOVED VIA FUTURE SEPARATE LOT MERGER PROCESS.
- PROPOSED LANDSCAPING AREA; REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- PROPOSED ACCESSIBLE PARKING SPACE.
- PROPOSED STANDARD PARKING STALL, TYPICAL.
- PROPOSED BIKE RACK.
- PROPOSED LOCATION ACCESSIBLE OF AIR/WATER UNIT.
- PROPOSED LOCATION OF CAR WASH.
- PROPOSED CARWASH LOCATION OF CLEARANCE BAR.
- PROPOSED VACUUM SPACE, TYPICAL.
- PROPOSED DRIVEWAY PER EDC STANDARDS (WIDTH PER PLAN).
- DIRECTIONAL PAVEMENT MARKINGS, TYPICAL.
- PROPOSED RETAINING WALL (HEIGHT VARIES; REFER TO GRADING PLAN).

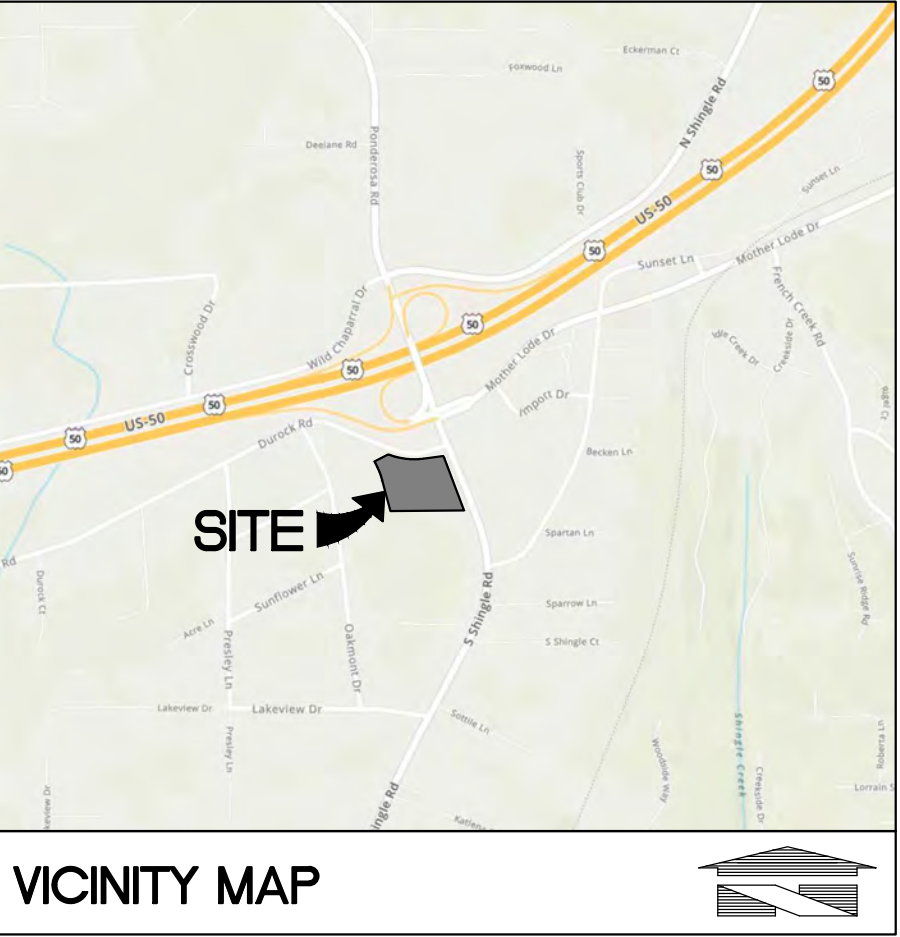
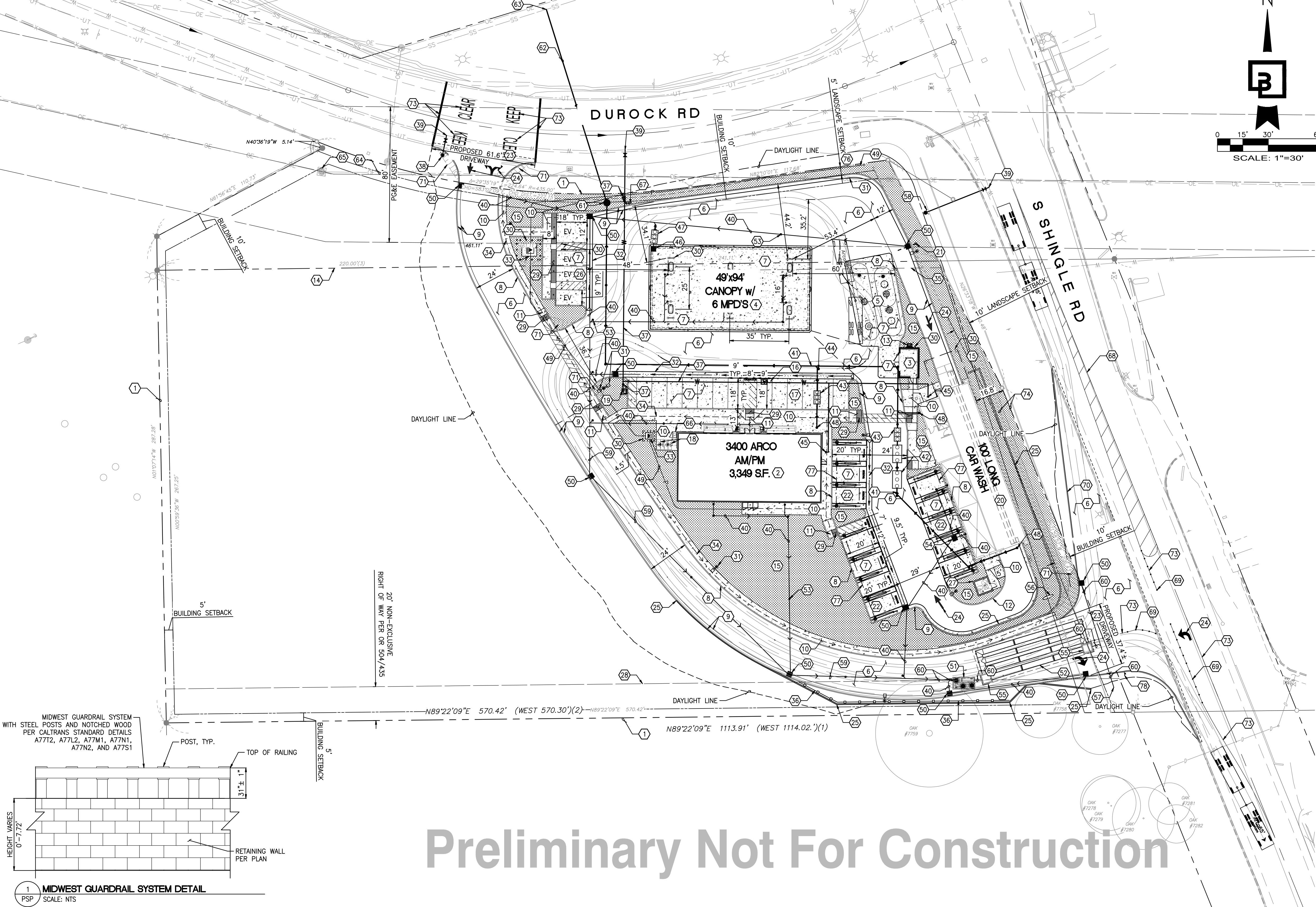
- PROPOSED EV STALL, TYPICAL.
- PROPOSED VACUUM EQUIPMENT ENCLOSURE.
- EXISTING ROAD EASEMENT TO BE ABANDONED.
- PROPOSED DETECTABLE WARNING SURFACE, TYPICAL.
- PROPOSED GUARD POST, TYPICAL.
- PROPOSED LOT LIGHT, TYPICAL; REFER TO PHOTOMETRIC PLANS FOR ADDITIONAL INFORMATION.
- PROPOSED CONCRETE SWALE.
- PROPOSED PAD-MOUNTED TRANSFORMER PER PURVEYOR REQUIREMENTS.
- PROPOSED ACCESSIBLE PATH.
- WATERLINE EASEMENT TO BE ABANDONED.
- PROPOSED MIDWEST GUARDRAIL SYSTEM WITH STEEL POSTS AND NOTCHED WOOD PER DETAIL 1/PSP.

- PROPOSED 2" DOMESTIC WATER SERVICE WITH REDUCED PRESSURE BACKFLOW ASSEMBLY.
- PROPOSED FIRE HYDRANT ASSEMBLY WITH 6" LATERAL.
- PROPOSED POINT OF CONNECTION TO EXISTING WATER MAIN.
- PROPOSED 8" STORM DRAIN LINE.
- PROPOSED 6" SANITARY SEWER SERVICE.
- PROPOSED RECLAIM VAULTS.
- PROPOSED GREASE INTERCEPTOR.
- PROPOSED SANITARY SEWER CLEANOUT, TYPICAL.
- PROPOSED LOCATION OF WATER SERVICE CONNECTION TO BUILDING.
- PROPOSED STORM DRAIN CATCH BASIN UTILIZED FOR FUEL CANOPY ISOLATION.
- PROPOSED OIL-WATER SEPARATOR AND ISOLATION VALVE.
- PROPOSED LOCATION OF SANITARY SEWER SERVICE CONNECTION TO BUILDING.
- PROPOSED POWER SERVICE FOR DEVELOPMENT. ALL REQUIREMENTS TO BE COORDINATED WITH PURVEYOR.

- PROPOSED STORM DRAIN CATCH BASIN.
- PROPOSED PROPRIETARY TREATMENT STORMWATER DEVICE.
- PROPOSED UNDERGROUND DETENTION SYSTEM.
- PROPOSED STORM DRAIN CLEANOUT, TYPICAL.
- PROPOSED STORM DRAIN JUNCTION BOX WITH SOLID LID.
- PROPOSED FLOW CONTROL STRUCTURE.
- PROPOSED MID SIGN.
- PROPOSED STORM DRAIN DISCHARGE LOCATION.
- PROPOSED FIRE HYDRANT WITH 8" LATERAL.
- PROPOSED 12" STORM DRAIN LINE.
- PROPOSED SEWER PUMP.
- PROPOSED 6" SEWER FORCE MAIN.
- PROPOSED SEWER CONNECTION TO EXISTING SEWER FORCE MAIN.
- EXISTING OVERHEAD ELECTRIC TRANSMISSION LINE.

- EXISTING TRANSMISSION POLE.
- PROPANE TANK EXCHANGE.
- PROPOSED IRRIGATION SERVICE; REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- PROPOSED STRIPED MEDIAN.
- PROPOSED FLEXIBLE TRAFFIC DELINEATORS, TYPICAL.
- PROPOSED PUBLIC BARRIER CURB.
- CROSS VISIBILITY AREA, TYPICAL.
- PROPOSED "KEEP CLEAR" PAVEMENT MARKING.
- PROPOSED LANE STRIPING, TYPICAL.
- EXISTING PROPERTY LINE TO BE RELOCATED VIA FUTURE SEPARATE PROCESS. APPROXIMATE LOCATION OF FUTURE R/W SHOWN HEREON.
- APPROXIMATE LOCATION OF FUTURE EASEMENT.
- FUTURE LANDSCAPE SETBACK.
- PROPOSED VACUUM CANOPY.
- PROPOSED RIGHT-TURN ONLY SIGN.

PRELIMINARY SITE PLAN



PROJECT DATA

LOCATION: 4100 DUROCK RD @ S SHINGLE RD
SHINGLE SPRINGS, CALIFORNIA

APN'S: 109-080-012-000, 109-080-013-000

PROPOSED LOT AREA: ±160,986.25 S.F. (3.69 AC)

ZONING: COMMUNITY COMMERCIAL (CC)

FLOOD ZONE: FEMA INDICATES THAT THE MAJORITY OF THE SITE IS WITHIN FLOOD ZONE AREA X – AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% CHANCE FLOODPLAIN.

BUILDING SETBACKS:

FRONT SETBACK: 10 FEET
STREET SIDE: 10 FEET
SIDE INTERIOR: 5 FEET
REAR: 5 FEET

LANDSCAPING:

FRONT AND SIDE STREET SETBACKS MUST BE LANDSCAPED.

INTERIOR AND REAR PROPERTY LINES – MINIMUM OF 5 FOOT PLANTER

LANDSCAPING SHALL BE PROVIDED IN PAVED PARKING LOTS OF FIVE SPACES OR MORE AND SHALL PROVIDE SHADE OVER 50 PERCENT OF ALL PAVED PARKING AREAS.

LANDSCAPING AREAS WITHIN A PARKING FACILITY SHALL HAVE A MINIMUM WIDTH OF FIVE FEET AND A MINIMUM AREA OF 25 SQUARE FEET, EXCLUSIVE OF ANY CURBS.

LANDSCAPE AREA PROVIDED (SEE PRELIMINARY LANDSCAPE PLANS): 14,800 SF
SHADING COVERAGE PROVIDED (SEE PRELIMINARY LANDSCAPE PLANS): 52.3%

PARKING REQUIREMENTS (PER TABLE 130.35.030.1 OF EL DORADO COUNTY CODE):

C-STORE: 3,349 SF
(1 PER 300 S.F. OF AUA; PLUS 1 PER 600 OF STORAGE AREA):
3,349/300 = 11.2 = 12 SPACES

CARWASH: 1 WASHING STALL
(CAR WASH 2 PER WASHING STALL)
1*2 = 2 SPACES

PARKING SPACES REQUIRED: 14 SPACES
PARKING SPACES PROVIDED: 13 SPACES
VACUUM SPACES PROVIDED: 12 SPACES
FUTURE EV CHARGING SPACES: 4 SPACES

BICYCLE PARKING REQUIREMENTS:

SHORT-TERM BICYCLE PARKING SPACES REQUIRED (PER PARKING AND LOADING COMMUNITY DESIGN STANDARDS):
(1 PER EVERY 5 REQUIRED VEHICLE PARKING SPACES)
14/5 = 2.8 = 3 SPACES

SHORT-TERM BICYCLE PARKING SPACES PROVIDED: 4 SPACES (2 PER RACK)

LONG-TERM BICYCLE PARKING SPACES REQUIRED (PER SECTION 5.106.4.1.2 OF CGBC):
(FOR NEW BUILDINGS WITH TENANT SPACES THAT HAVE 10 OR MORE TENANT-OCCUPANTS, PROVIDE PARKING FOR 5% OF TENANT-OCCUPANT VEHICULAR SPACES)
0 TENANT SPACES = 0 SPACES

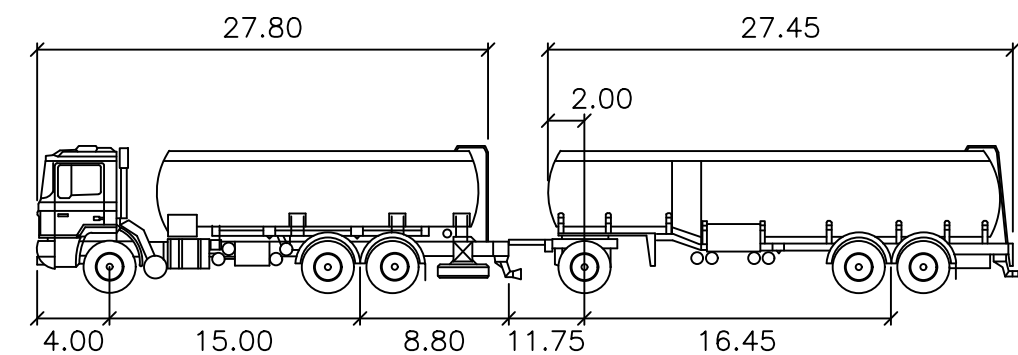
LONG-TERM BICYCLE PARKING SPACES PROVIDED: 0 SPACES

DRAINAGE NOTE:

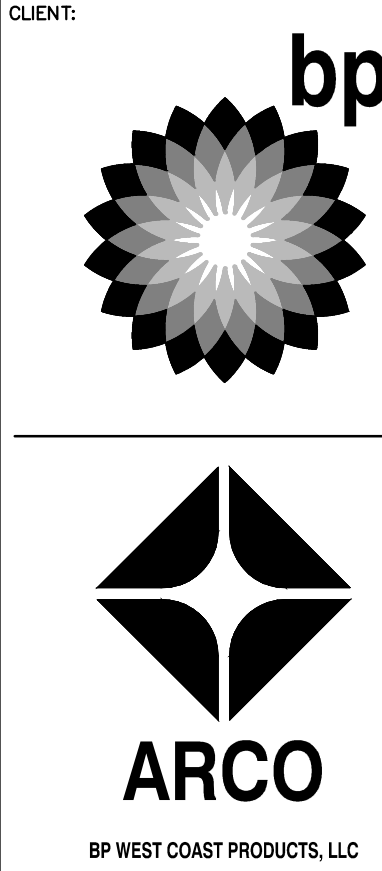
DRAINAGE REQUIREMENTS AND DISCHARGE LOCATION COORDINATION IS ON GOING. DRAINAGE DESIGN SHOWN HEREON IS PRELIMINARY AND SUBJECT TO CHANGE.

VACUUM UPLIGHT NOTE:

PROPOSED VACUUM LIGHTING WILL ACHIEVE FULL CUT-OFF (UPLIGHT OF 0) DUE TO THE FABRIC VACUUM CANOPY ABOVE THE LIGHTS.



Arco65' feet			
First Part Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 35.0
First Part Track	: 7.70	Articulating Angle	: 70.0
Trailer Track	: 7.70		



Barghausen Consulting Engineers, Inc.

18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

NO.	DATE	REVISION	DESCRIPTION
1			
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12			



DEVELOPMENT INFORMATION:

ARCO NTI

3400 am/pm FUEL CANOPY w/ 6 MPD's CAR WASH

SITE ADDRESS:

4100 DUROCK RD
@ S SHINGLE ROAD
SHINGLE SPRINGS, CALIFORNIA

FACILITY #TBD

DESIGNED BY: EVS
CHECKED BY: KCH
DRAWN BY: NW
VERSION: 1
PROJECT NO.: 21863

DRAWING TITLE:

PRELIMINARY SITE PLAN

SHEET NO:

PSP

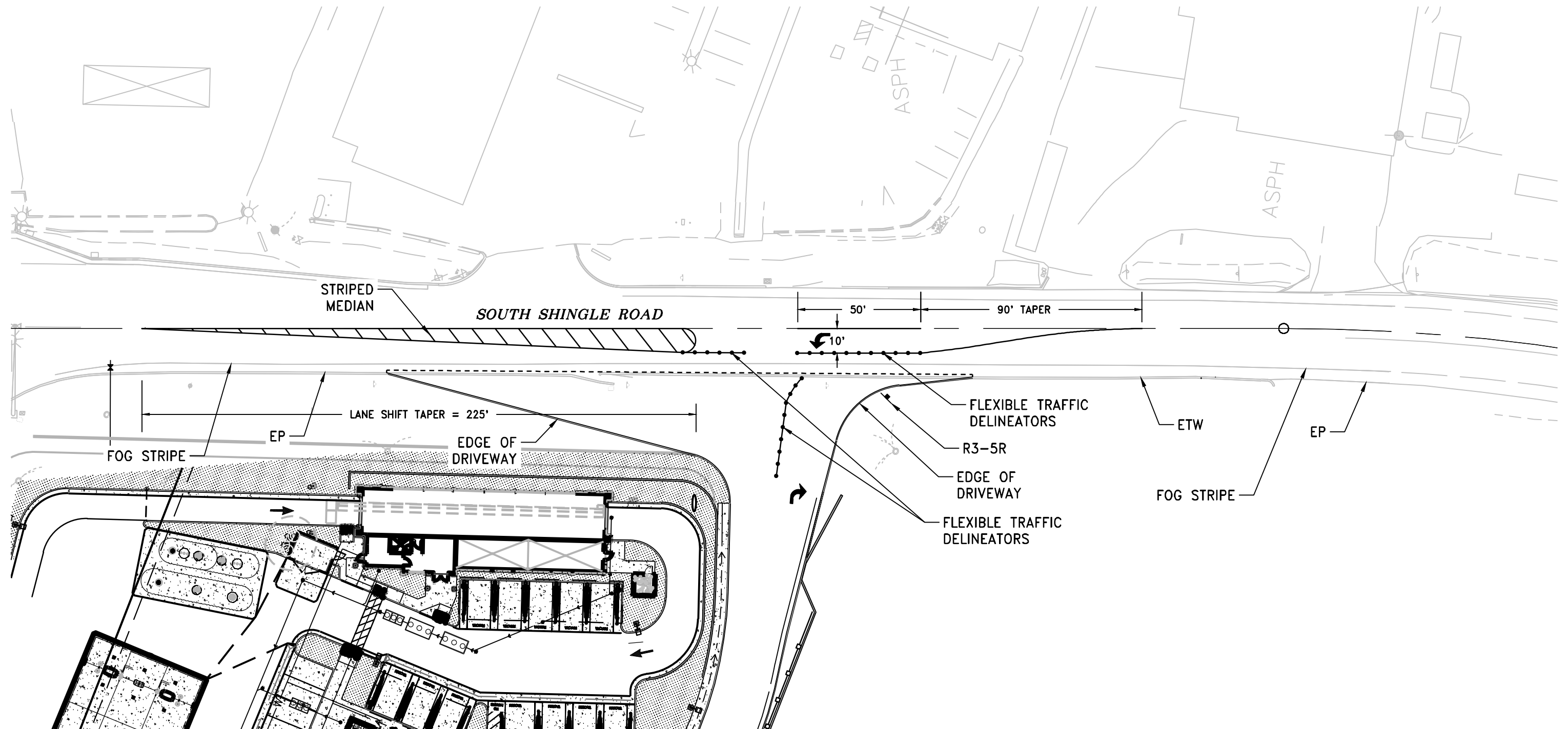
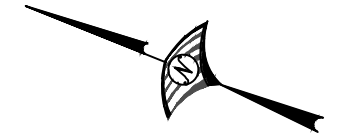
Exhibit F - Interim South Shingle Road Left Turn Pocket Exhibit
LEFT-TURN POCKET EXHIBIT - SOUTH SHINGLE PROJECT DRIVEWAY ACCESS

ARCO SHINGLE SPRINGS

EL DORADO COUNTY

CALIFORNIA

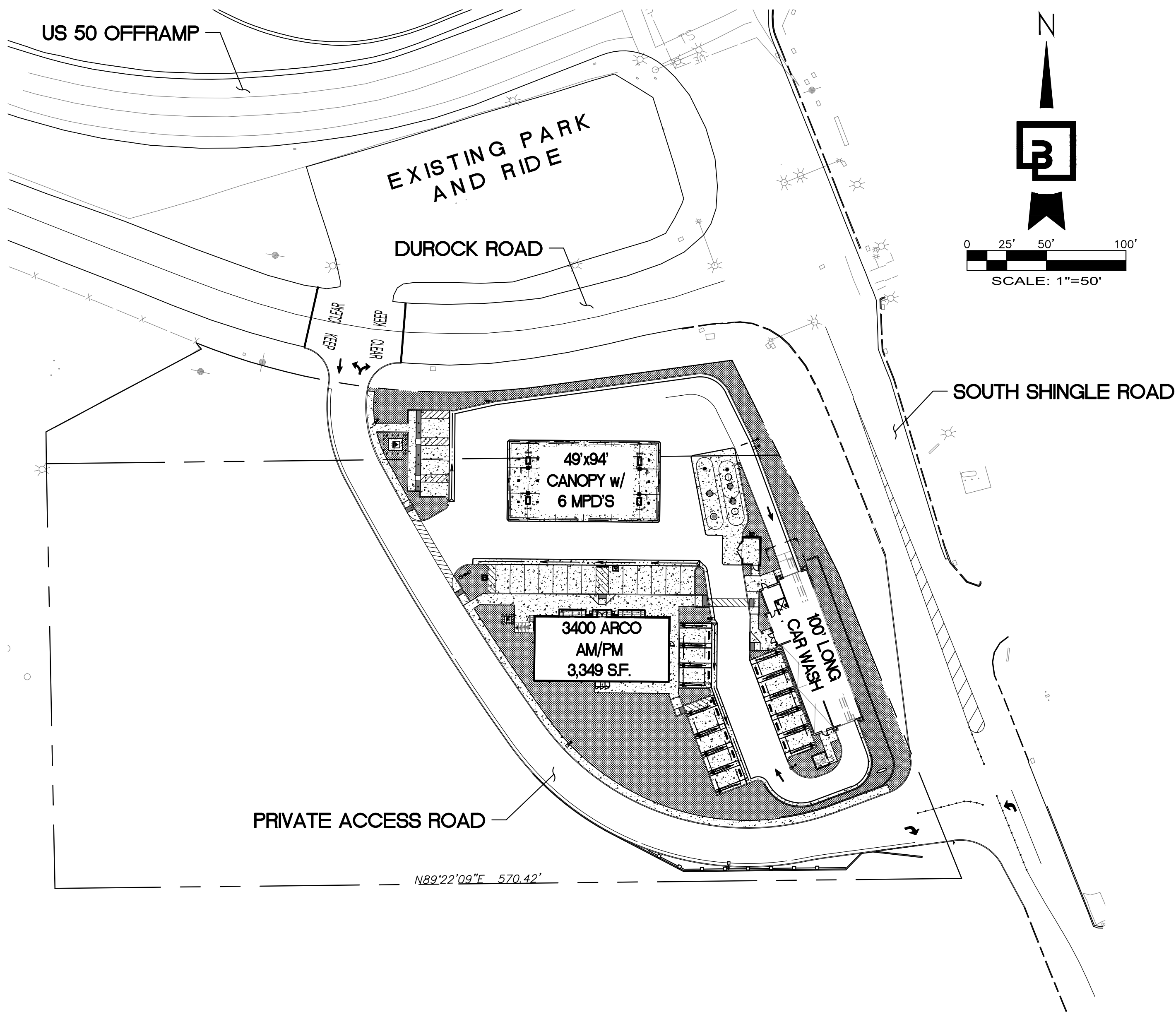
AUGUST, 2025



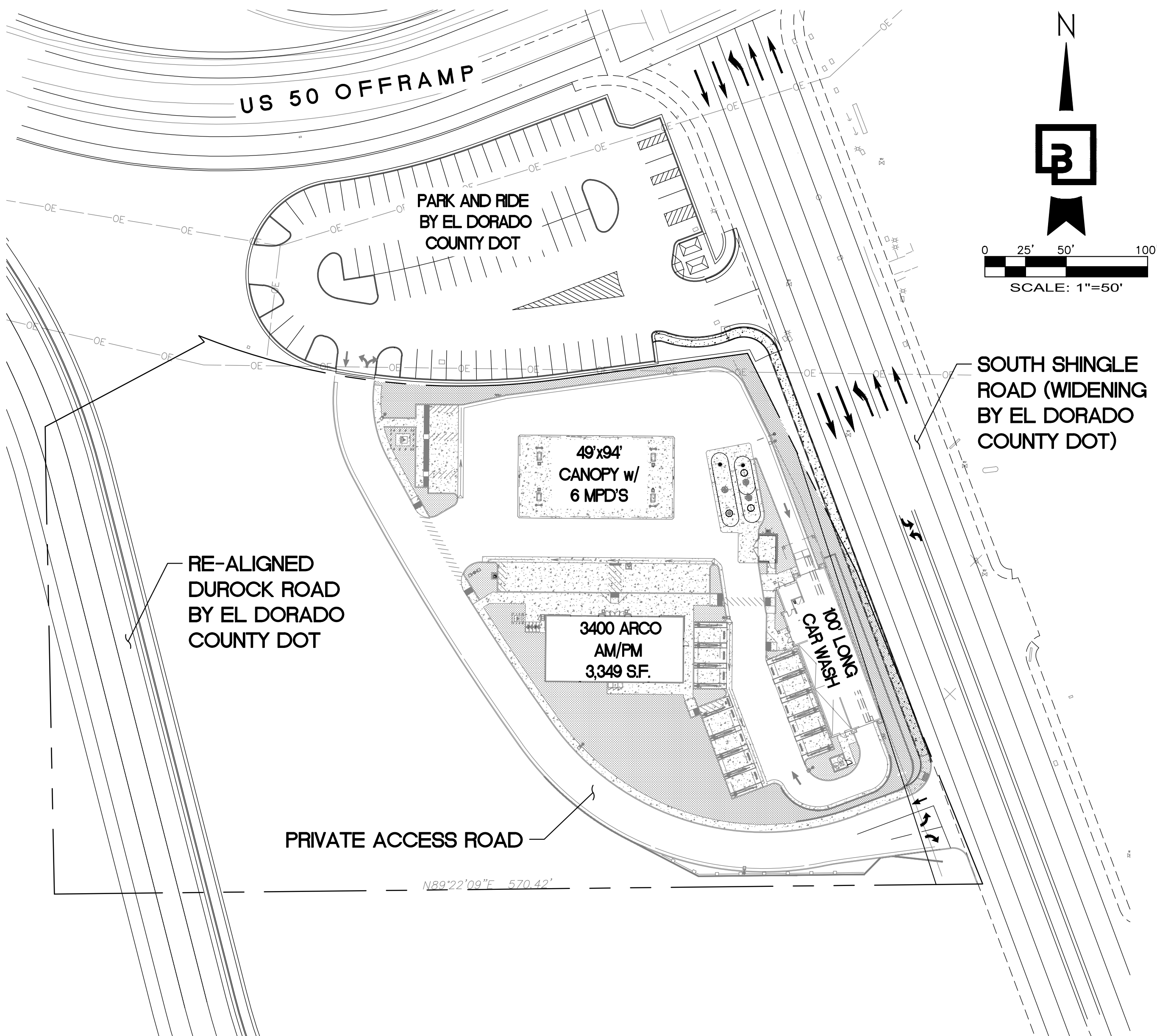
SCALE: 1" = 40'

EXISTING AND CUMULATIVE CONDITIONS

INTERIM: EXISTING - PLUS - PROJECT CONDITION
(BEFORE COUNTY CAPITAL IMPROVEMENT PROJECT)



ULTIMATE: CUMULATIVE CONDITIONS
(AFTER COUNTY CAPITAL IMPROVEMENT PROJECT)



Preliminary Not For Construction

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Kent, WA 98032
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barghausen.com

NO.	DATE	REVISION	DESCRIPTION
1			
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Not for Construction

DEVELOPMENT INFORMATION:

ARCO NTI

3400 am/pm
FUEL CANOPY w/ 6 MPD'S
CAR WASH

SITE ADDRESS:

4100 DUROCK RD
@ S SHINGLE ROAD
SHINGLE SPRINGS, CALIFORNIA

FACILITY #TBD

DESIGNED BY:	EVS	ALLIANCE ZADN:	
CHECKED BY:	KCH	BP REP:	
DRAWN BY:	NW	ALLIANCE PM:	
VERSION:	-	PROJECT NO:	21863

DRAWING TITLE:

INTERIM AND ULTIMATE CONDITION

SHEET NO:

EXH

PRELIMINARY GRADING PLAN

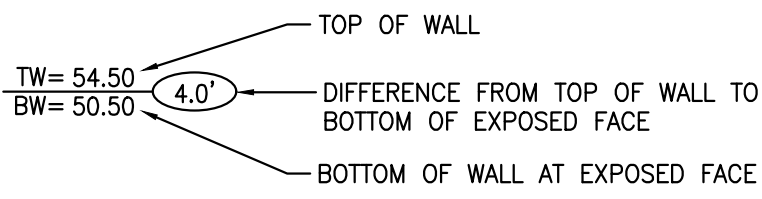
LEGEND

PROPOSED CONTOUR	---
EXISTING CONTOUR	---
PROPOSED RIDGE LINE	---
PROPOSED GRADING SLOPE	1.00%
SPOT ELEVATION	50.40
MATCH EXISTING ELEVATION	50.45+ ME
TOP OF CONCRETE ELEVATION	50.35 TC
RIM ELEVATION	50.35 RIM
FLUSH ELEVATION	50.35 FL
TOP OF CONCRETE/TOP OF PAVEMENT	50.85 TC 50.35 TP

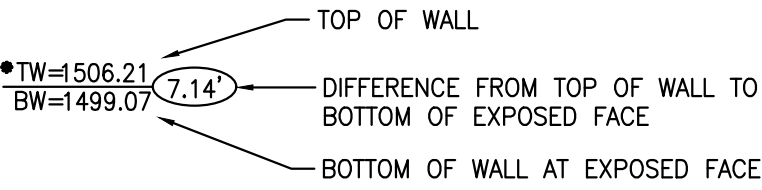
WALL NOTES:

ALL WALL ELEVATIONS ARE APPROXIMATE, CONTRACTOR TO FIELD VERIFY ALL TOP OF WALL ELEVATIONS, WALL STEPS, BOTTOM OF EXPOSED WALL AND TOP OF FOOTING ELEVATIONS PRIOR TO CONSTRUCTION.

FOR WALL DESIGN, DETAILS AND MINIMUM FOOTING COVER SEE LANDSCAPE AND STRUCTURAL PLANS.



*WALL NOTE:



GRADING NOTES:

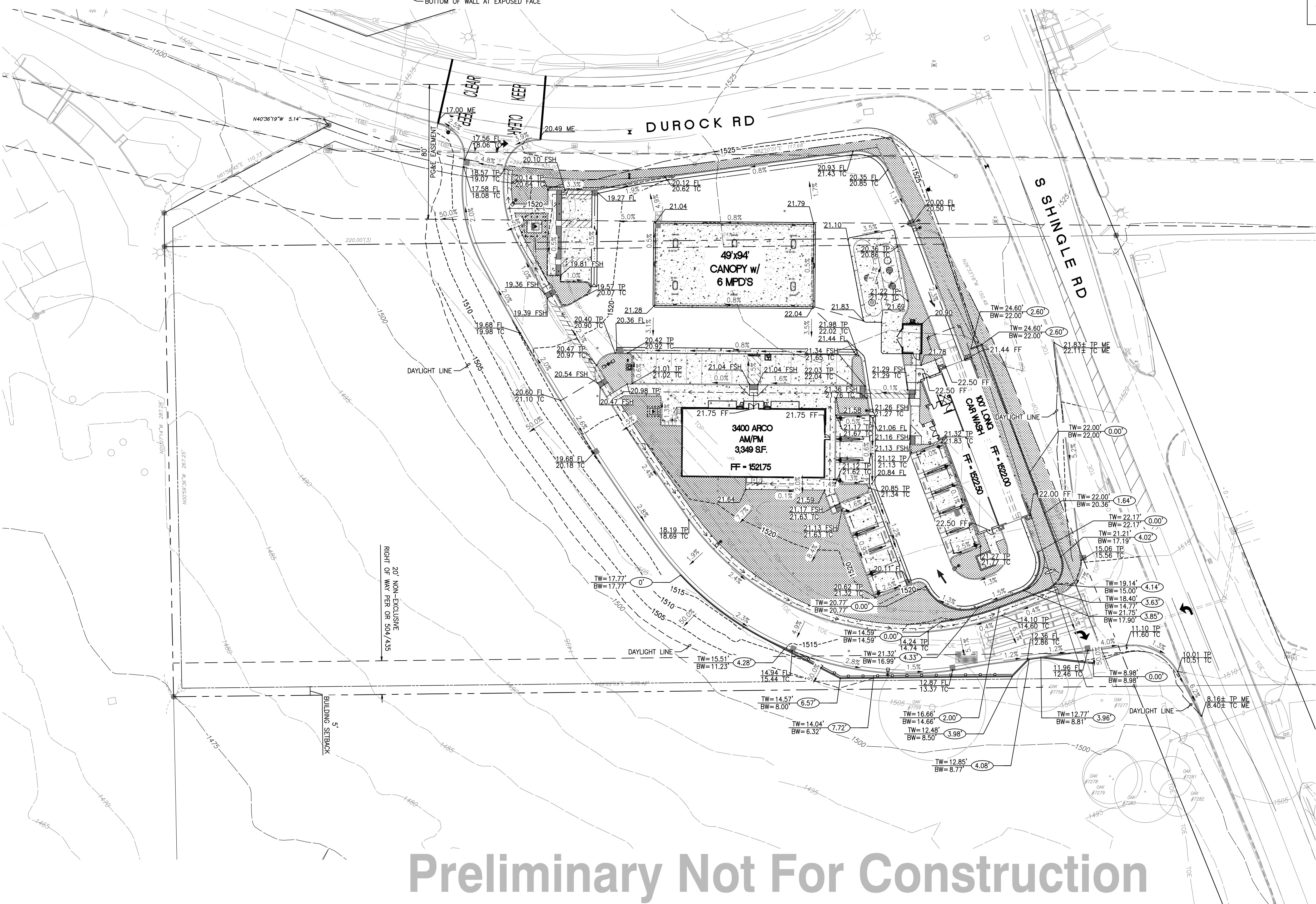
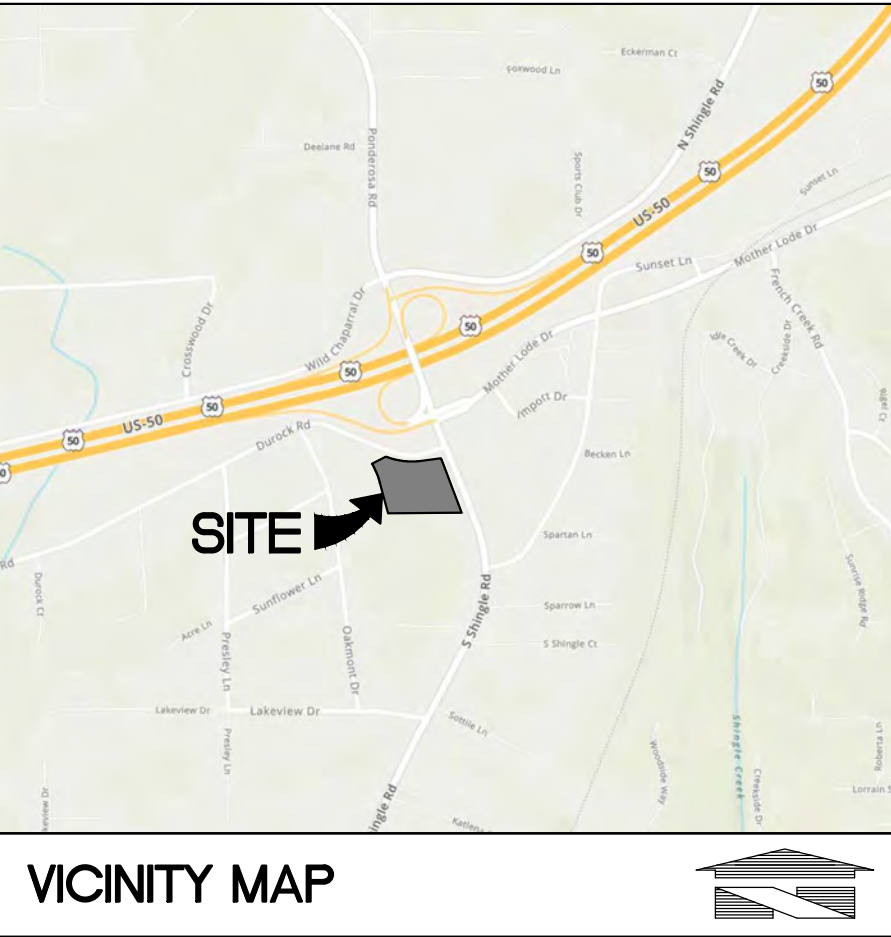
- ALL GRADING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE CURRENT COUNTY ORDINANCE AND STANDARD PLANS. THE GRADING IS SUBJECT TO THE OBSERVATION AND APPROVAL OF THE ENGINEERING DIVISION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PROPOSED GRADES IN RELATIONSHIP TO SURVEYED BASIS OF ELEVATION.
- ALL EXISTING UTILITY STRUCTURES AND ASSOCIATED LIDS THAT FALL WITHIN THE AREA OF WORK SHALL BE ADJUSTED TO FINISHED GRADE ELEVATIONS. CONTRACTOR SHALL CONFIRM THE FEASIBILITY OF ADJUSTING EXISTING UTILITY STRUCTURE LIDS TO FINISHED GRADE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- CONTRACTOR TO PROTECT AND MAINTAIN EROSION CONTROL FACILITIES DURING GRADING OPERATIONS.
- CONTRACTOR TO OBTAIN ANY NECESSARY RIGHT-OF-WAY PERMITS IF REQUIRED FOR WORK SHOWN ON PLANS.
- CONTRACTOR SHALL MATCH EXISTING ELEVATIONS AT ALL SAWCUT LOCATIONS.
- ALL SPOT ELEVATIONS SHOWN ARE TO FINISH SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAVEMENT, NOT TOP OF CURB/SIDEWALK) UNLESS OTHERWISE NOTED.
- ALL SPOT ELEVATIONS SHOWN HAVE BEEN 'TRUNCATED' TO INCREASE VISUAL CLARITY, UNLESS OTHERWISE NOTED. ALL ELEVATIONS SHOWN ARE PLUS 1500', EG. 1530.64 = 30.64.

STANDARD ELEVATION: 1530.64
TRUNCATED ELEVATION: 30.64
BW - BOTTOM OF EXPOSED WALL
FF - FINISHED FLOOR
FL - FLOWLINE
GRD - GROUND
TC - TOP OF CURB/SIDEWALK
TW - TOP OF WALL
TP - TOP OF PAVING
ME - MATCH EXISTING

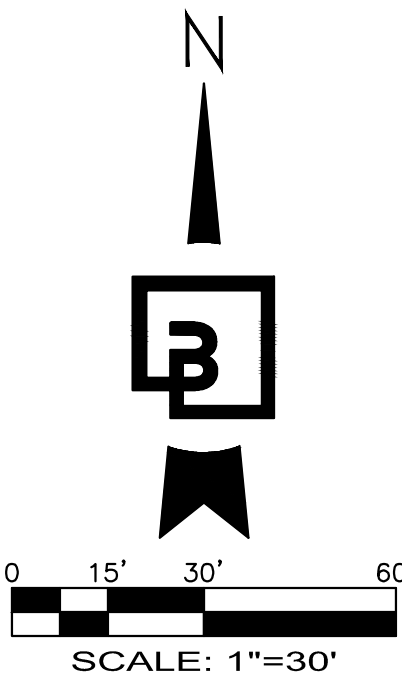
EARTHWORK:

CUT VOLUME: 8,494 CUBIC YARD
FILL VOLUME: 9,366 CUBIC YARD
NET VOLUME: 872 CUBIC YARD (FILL)

EARTHWORK QUANTITIES ARE APPROXIMATE AND DO NOT ACCOUNT FOR CLEARING AND GRUBBING, OVER-EXCAVATION, TRENCHING, UTILITY SPOILS, ETC. CUT INCLUDES ANTICIPATED EXCAVATION REQUIRED FOR UTILITY, ASSUMED PAVEMENT SECTIONS, AND SLABS FOR BUILDINGS. EARTHWORK QUANTITIES SHOWN HEREON DO NOT TAKE SITE-SPECIFIC GEOTECHNICAL QUALITIES INTO CONSIDERATION AND ARE THEREFORE A PRELIMINARY ESTIMATE TO BE UPDATED UPON PREPARATION OF A SITE-SPECIFIC GEOTECHNICAL STUDY.



Preliminary Not For Construction



CLIENT:

bp

ARCO
BP WEST COAST PRODUCTS, LLC

Barghausen Consulting Engineers, Inc.

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Kent, WA 98032
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barghausen.com

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SEAL:

LICENSED PROFESSIONAL ENGINEER
KACEY FIELD
199465
CIVIL
STATE OF CALIFORNIA

DEVELOPMENT INFORMATION:

ARCO NTI

**3400 am/pm
FUEL CANOPY w/ 6 MPD'S
CAR WASH**

SITE ADDRESS:

**4100 DUROCK RD
@ S SHINGLE ROAD
SHINGLE SPRINGS, CALIFORNIA**

FACILITY #TBD

DESIGNED BY: **EVS** ALLIANCE ZADN:
CHECKED BY: **KCH** BP REP:
DRAWN BY: **NW** ALLIANCE PM:
VERSION: PROJECT NO: **21863**

DRAWING TITLE:

**PRELIMINARY
GRADING PLAN**

SHEET NO:

PG