SHEET INDEX

ARDMORE INDUSTRIAL

ARDMORE ROAD | CITY OF EL PASO DE ROBLES, CA



A0.1 TITLE SHEET PROPOSED ARCHITECTURAL SITE PLAN A1.0 AL.I PROPOSED PEDESTRIAN ACCESS PLAN CONCEPTUAL LANDSCAPE PLAN L1.1 L1.2 LANDSCAPE PALETTE L1.3 LANDSCAPE SITE SECTIONS A2.0 **DESIGN DETAILS - BUILDING 1** A2.1 DESIGN DETAILS - PEDESTRIAN FOCUSED DESIGN DETAILS - SERVICE FOCUSED A2.2 A2.3 DESIGN DETAILS - HYBRID FOCUSED BUILDING 1 - FLOOR PLAN A3.0 A3.1 **BUILDING 1 - EXTERIOR ELEVATIONS** BUILDING 2 - FLOOR FLAN & EXTERIOR ELEVATIONS A3.2 BUILDING 3 - FLOOR FLAN & EXTERIOR ELEVATIONS A3.4 **BUILDING 4 - FLOOR FLAN & EXTERIOR ELEVATIONS** A3.5 BUILDING 5 - FLOOR FLAN & EXTERIOR ELEVATIONS A3.6 BUILDING 6 - FLOOR PLAN A3.7 **BUILDING 6 - EXTERIOR ELEVATIONS** A4.0 PERSPECTIVE RENDERING A4.1 PERSPECTIVE RENDERING PERSPECTIVE RENDERING A4.2 PERSPECTIVE RENDERING A4.3 PERSPECTIVE RENDERING A4.4 PERSPECTIVE RENDERING A4.5 PERSPECTIVE RENDERING A4.6 A4.7 PERSPECTIVE RENDERING A4.8 PERSPECTIVE RENDERING PERSPECTIVE RENDERING A49 PERSPECTIVE RENDERING PERSPECTIVE RENDERING A4.11 A4.12 PERSPECTIVE RENDERING COLOR & MATERIALS - BUILDING 1 A5.0 A5.1 COLOR & MATERIALS - BUILDINGS 2-6 A5.2 SITE AMENITY DESIGN E1 GENERAL NOTES AND SYMBOLS SITE LIGHTING PLAN E2 SITE PHOTOMETRIC PLAN E3 T1.0 TENTATIVE PARCEL MAP DEMO PLAN CI,1 C2.1 TRUCK CIRCULATION PLAN C3.1 GRADING PLAN C3.2 SITE SECTIONS C3.3 SITE SECTIONS C3.4 UTILITY PLAN C3.5 STREET PLAN AND PROFILE **EROSION CONTROL PLAN** C4.1 C4.2 **EROSION CONTROL DETAILS** C4.3 **EROSION CONTROL DETAILS**

PROJECT DIRECTORY

SITE STATISTICS APN:

025-362-043

LOTS:

13 (6.53 ACRES) 6 (6.76 ACRES)

ZONING:

C3-PD

OWNERSHIP:

MD3 INVESTMENTS

MD3 INVESTMENTS CONTACT: MICHAEL D. STOLTEY PH: 805-710-7866 SAN LUIS OBISPO, CA 93401 OWNERSHIP:



COVELOP CONTACT: DAMIEN MAVIS PH: 805-781-3133 1135 SANTA ROAS STREET, SUITE 210 SAN LUIS OBISPO, CA 93401



KIRK CONSULTING CONTACT: IAN McCARVILLE PH: 805-461-5765 8830 MORRO ROAD. ATASCADERO, CA 93422

CIVIL ENGINEER:



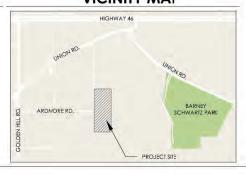
WALLACE GROUP CONTACT: TOM ZEHNDER PH: 805-544-4011 612 CLARION COURT, SAN LUIS OBISPO, CA 93401

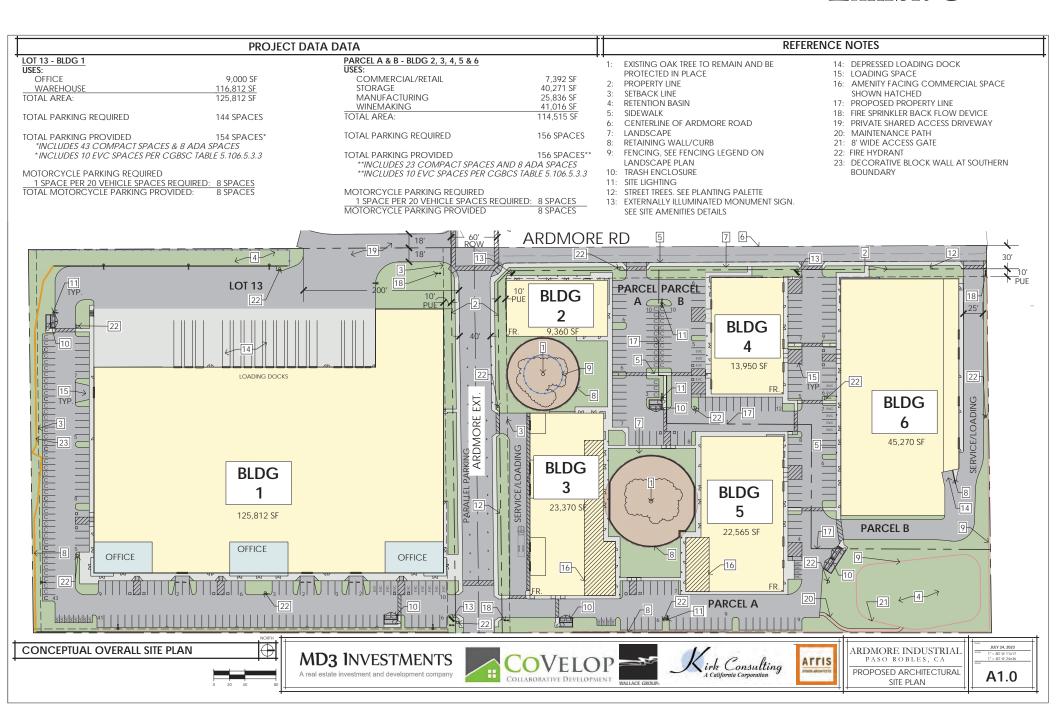
ARCHITECT: Arris

ARRIS STUDIO ARCHITECTS CONTACT: REBECCA NEWMAN PH: 805-547-2240 1327 ARCHER STREET, SUITE 220 SAN LUIS OBISPO, CA 93401

VICINITY MAP

EROSION CONTROL DETAILS





LEGEND ARDMORE RD **BLDG BLDG** ARDMORE EXT. **BLDG BLDG BLDG** 3 **BLDG** OFFICE OFFICE







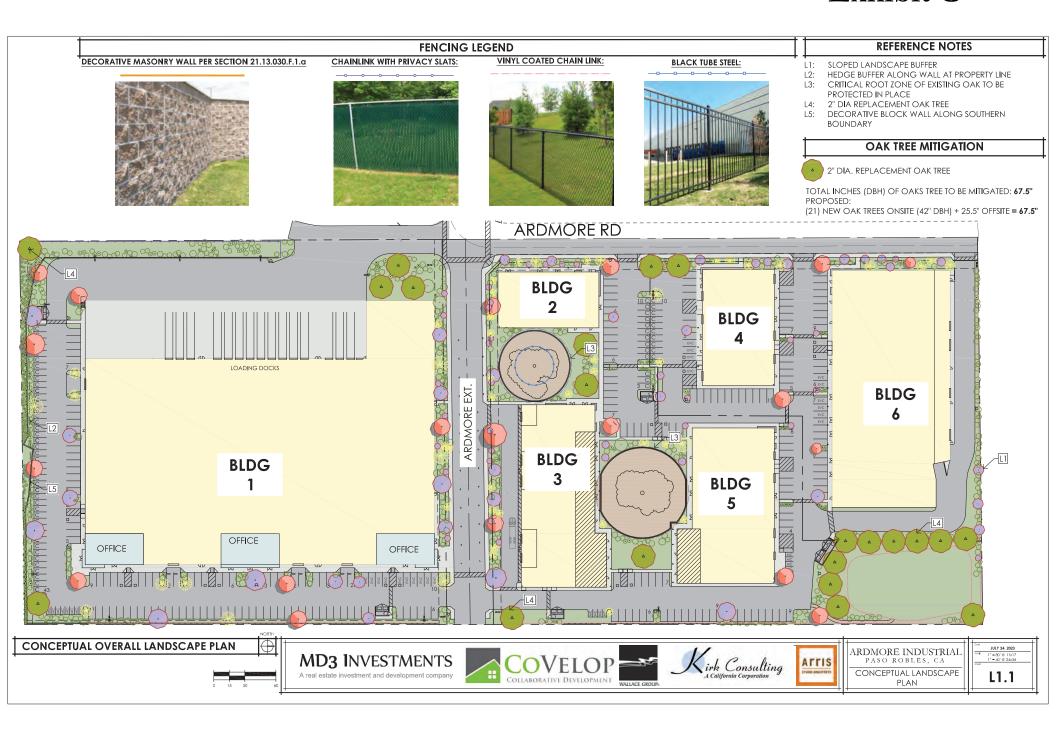






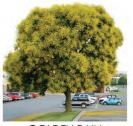
ARDMORE INDUSTRIAL PASO ROBLES, CA PEDESTRIAN ACCESS PLAN







EVERGREEN ELM



GOLDEN RAIN



LEYLAND CYPRESS



CRAPE MYRTLE



EUCALYPTUS NICHOLII



SILVER SHEEN



CALIFORNIA PRIVET



FLAX LILY





CENTURY PLANT

PLANT IMAGERY SHOWN IS REPRESENTATIVE ONLY, FINAL SELECTIONS MAY VARY.



CALIFORNIA LILAC

WATER CONSERVATION

WATER CONSERVATION NOTES

THE FOLLOWING WATER CONSERVATION TECHNIQUES SHALL BE EMPLOYED IN THIS PROJECT:

- WATER CONSERVING PLANTS, DEFINED AS "LOW" OR "VERY LOW" IN THE "WATER USE CLASSIFICATION OF LANDSCAPE SPECIES" (WULCOS IV, UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION), SHALL BE UTILIZED IN 75% OF THE TOTAL PLANT AREA.
- IRRIGATION SYSTEM SHALL BE SEPARATED INTO DISTINCT HYDROZONES BASED ON PLANT MATERIAL TYPES, EXPOSURE, AND ORIENTATION.
- SOIL AMENDMENTS AND A 3" LAYER OF MEDIUM BARK MULCH SHALL BE UTILIZED TO IMPROVE WATER HOLDING CAPACITY OF SOIL AND INHIBIT EVAPORATION.
- LAWN IS NOT USED.

STATEMENT OF WATER CONSERVING IRRIGATION DESIGN

THE FOLLOWING PRINCIPLES OF IRRIGATION DESIGN UTILIZED ON THIS PROJECT ARE DIRECTED SPECIFICALLY AS CONSERVING WATER AND IMPROVING THE EFFICIENCY OF THE IRRIGATION SYSTEM.

- ALL IRRIGATION SHALL BE DRIP OR DRIP-TYPE AND/OR MICROSPRAY SYSTEMS ONLY. LOW PRECIPITATION RATE HEADS TO BE USED TO MINIMIZE RUNOFF.
- IRRIGATION HYDROZONES SHALL ADJUST ACCORDING TO WATER NEEDS AND WEATHER.
- . UTILIZATION OF IRRIGATION SYSTEM MASTER VALVE.
- UTILIZATION OF IRRIGATION SYSTEM "SMART CONTROLLER" WITH WATER BUDGETING FEATURE.
- UTILIZATION OF IRRIGATION SYSTEM FLOW SENSOR.
- UTILIZATION OF RAIN SHUT-OFF DEVICE CONNECTED TO IRRIGATION CONTROLLER.

OAK REMOVAL AND REPLACEMENT

PER EL PASO DE ROBLES MUNICIPAL CODE SECTION 10.01.050E, REPLACEMENT OAK DBH:

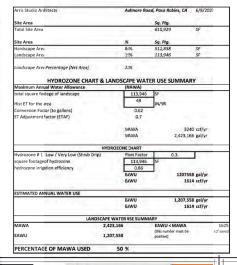
TREE 1: 43"

TREE 2: 47" TREE 3: 47"

TREE 4: 52"

TREE 9: 51" TREE 11:30"

TOTAL: 270" x .25 = 67.5"





BLUE STAR JUNIPER

AMERICAN BOXWOOD



NOTE:





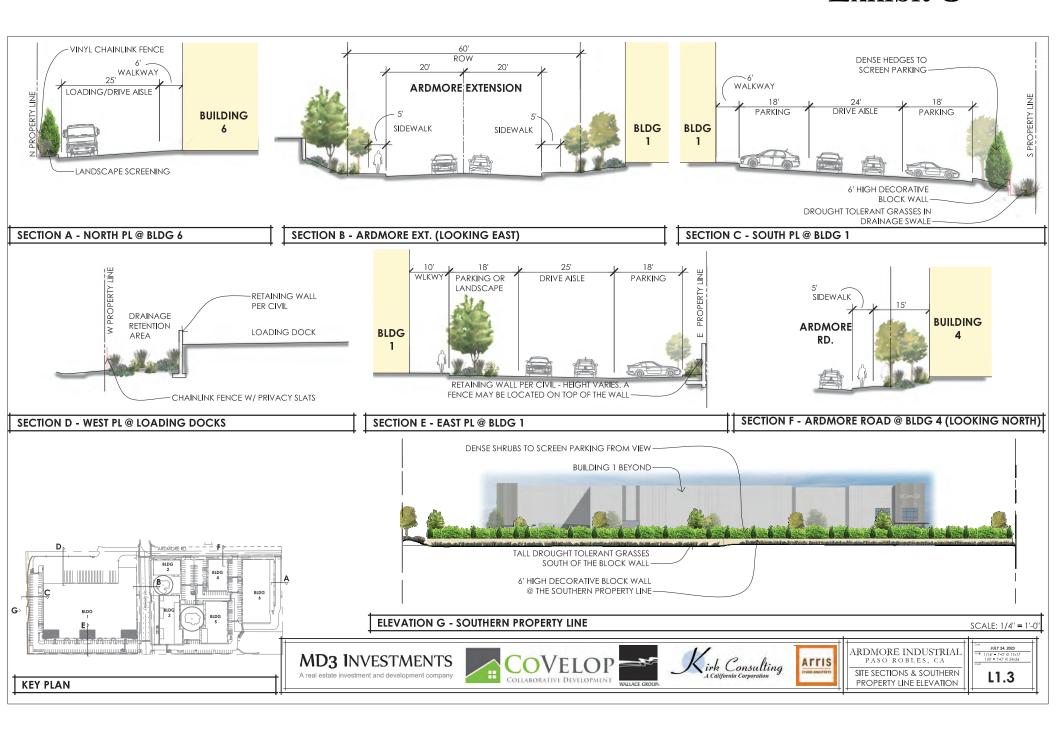




ARDMORE INDUSTRIAL PASO ROBLES, CA LANDSCAPE PALETTE

MARCH 16, 2023 1" = 60' @ 11x17 1" = 30' @ 24x36 L1.2









PEDESTRIAN FOCUSED ELEVATION

(BUILDING 3 - NORTH ELEVATION SHOWN)



DESIGN DETAILS - PEDESTRIAN FOCUSED











ARDMORE INDUSTRIAL
PASO ROBLES, CA

DESIGN DETAILS
PEDESTRIAN FOCUSED

| JULY 24, 2023 | Sole | NO SCALE | | A 2 . 1



SERVICE FOCUSED ELEVATION
(BUILDING 3 - SOUTH ELEVATION SHOWN)



DESIGN DETAILS - SERVICE FOCUSED







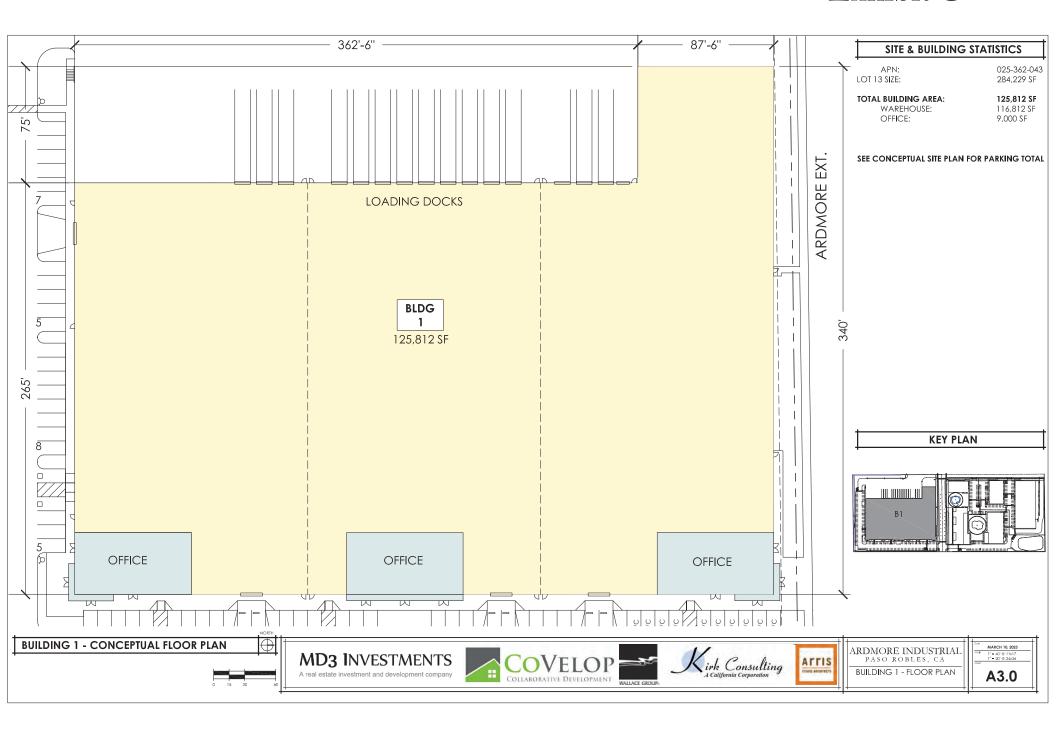


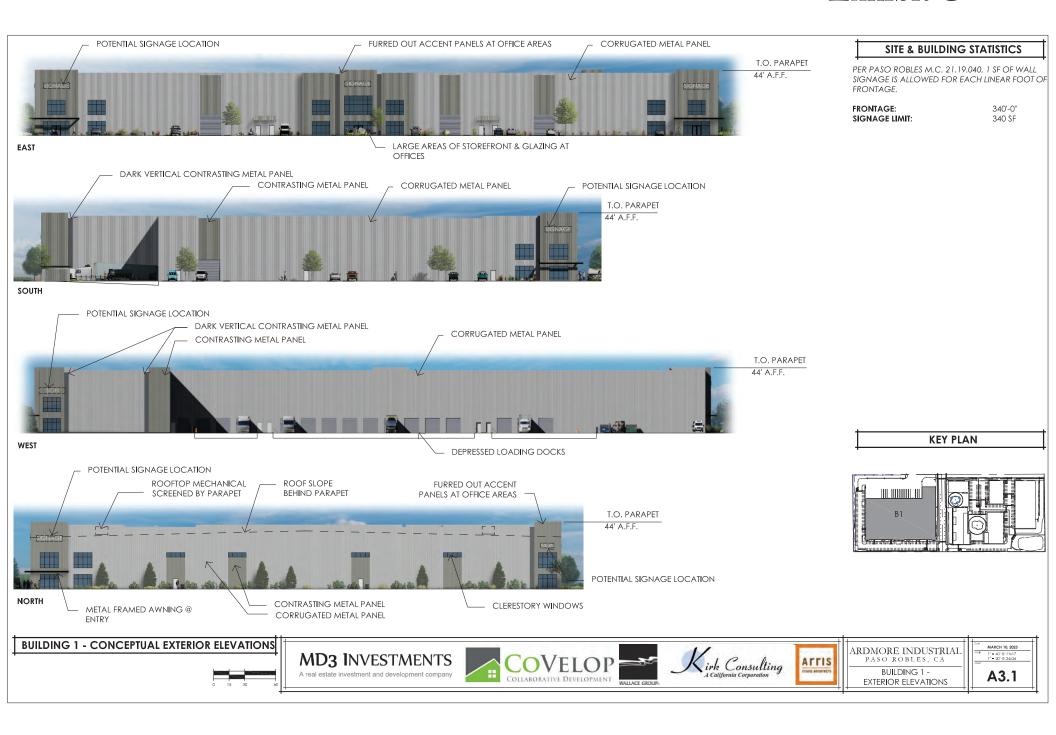


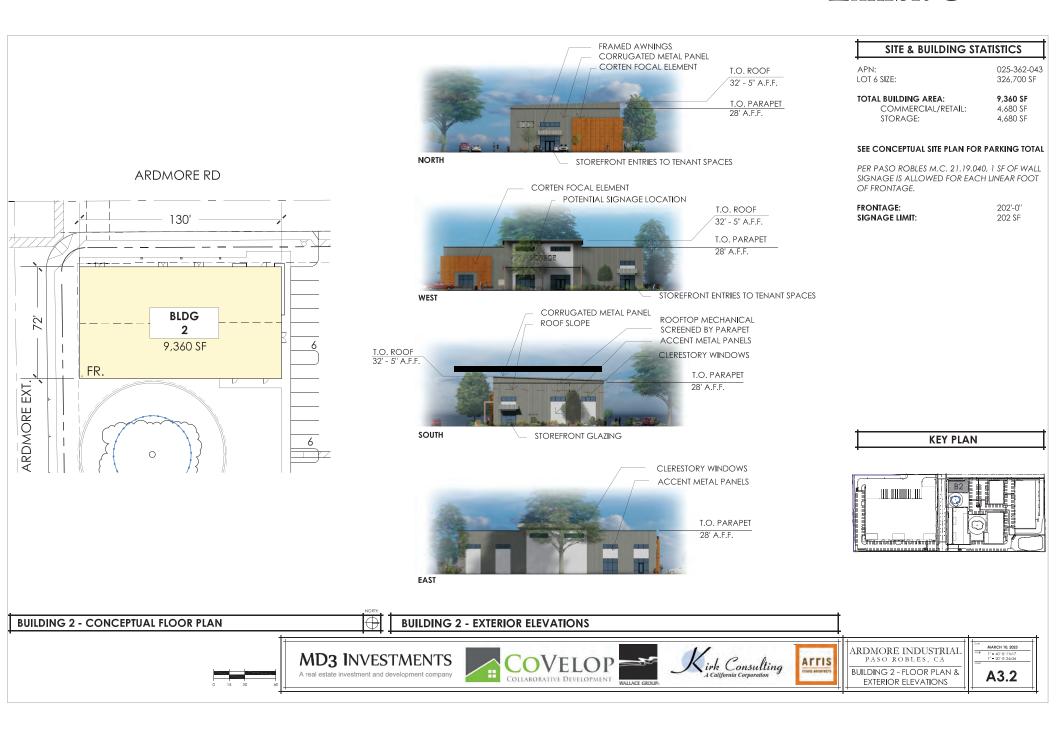
ARDMORE INDUSTRIAL PASO ROBLES, CA DESIGN DETAILS SERVICE FOCUSED

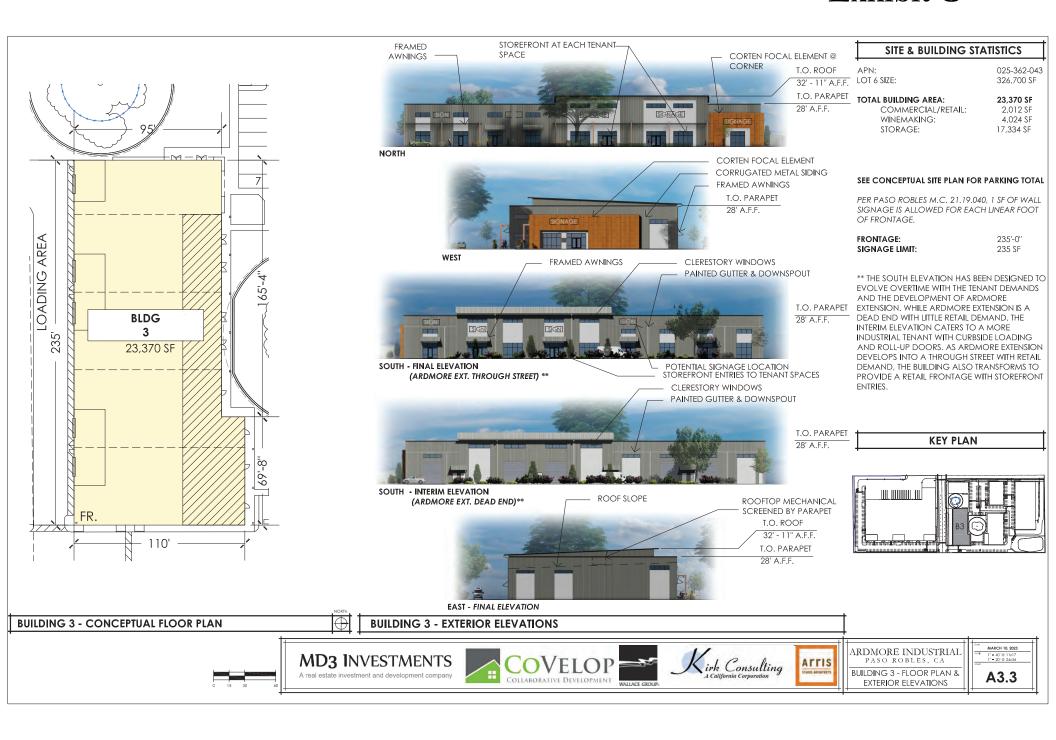
Dots JULY 24, 2023
NO SCALE
NO SCALE
A2.2













SITE & BUILDING STATISTICS

APN: 025-362-043 LOT 6 SIZE: 326,700 SF

 TOTAL BUILDING AREA:
 13,950 SF

 STORAGE:
 3,488 SF

 MANUFACTURING:
 6,975 SF

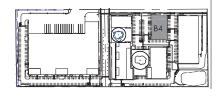
 WINEMAKING:
 3,487 SF

SEE CONCEPTUAL SITE PLAN FOR PARKING TOTAL

PER PASO ROBLES M.C. 21.19.040, 1 SF OF WALL SIGNAGE IS ALLOWED FOR EACH LINEAR FOOT OF FRONTAGE.

FRONTAGE: 93'-0"
SIGNAGE LIMIT: 93 SF

KEY PLAN





EAST

BUILDING 4 - CONCEPTUAL FLOOR PLAN

6

50

5

EVC

EVC

□ EVC

□ EVC

BLDG

13,950 SF

FR.

BUILDING 4 - EXTERIOR ELEVATIONS



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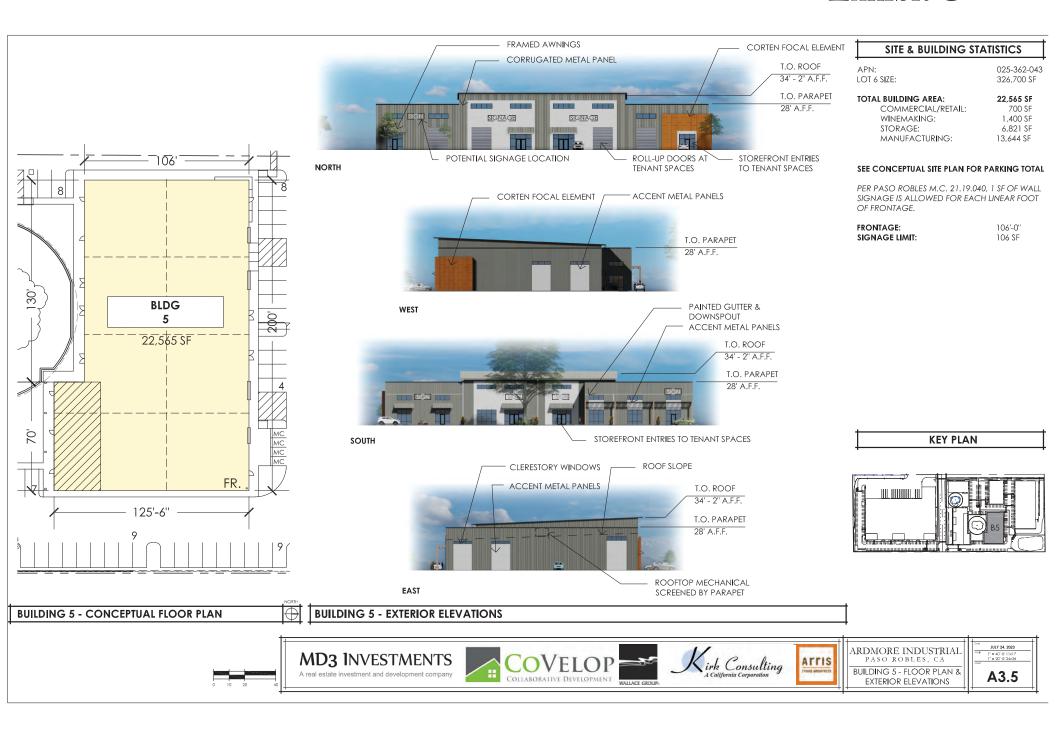


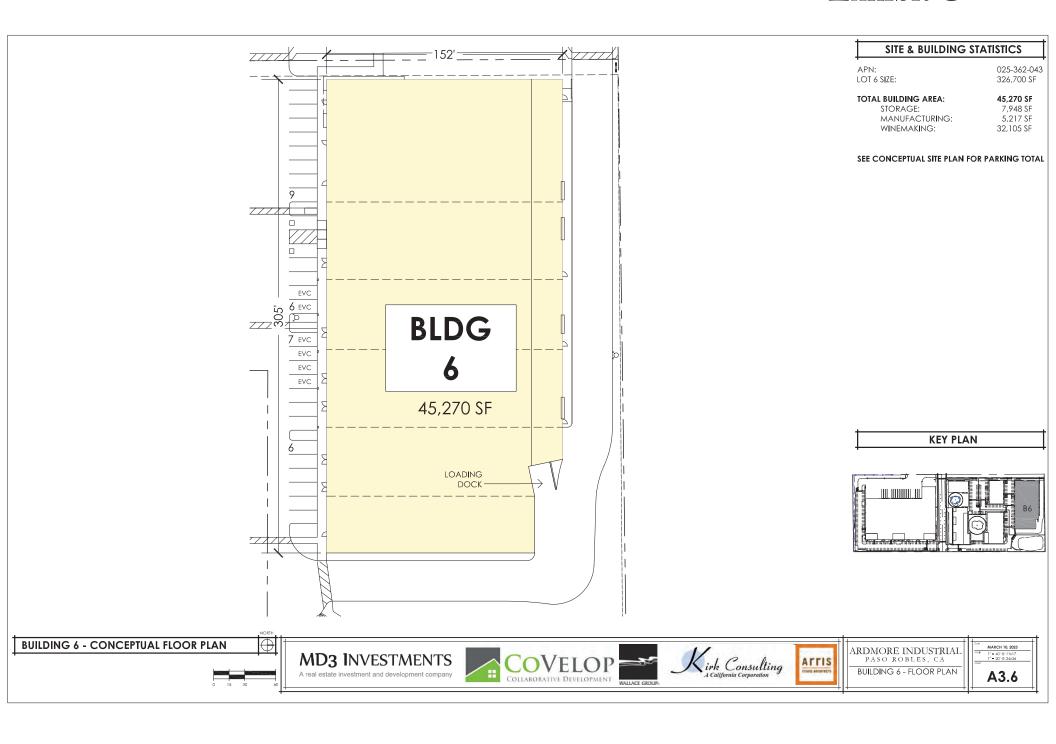


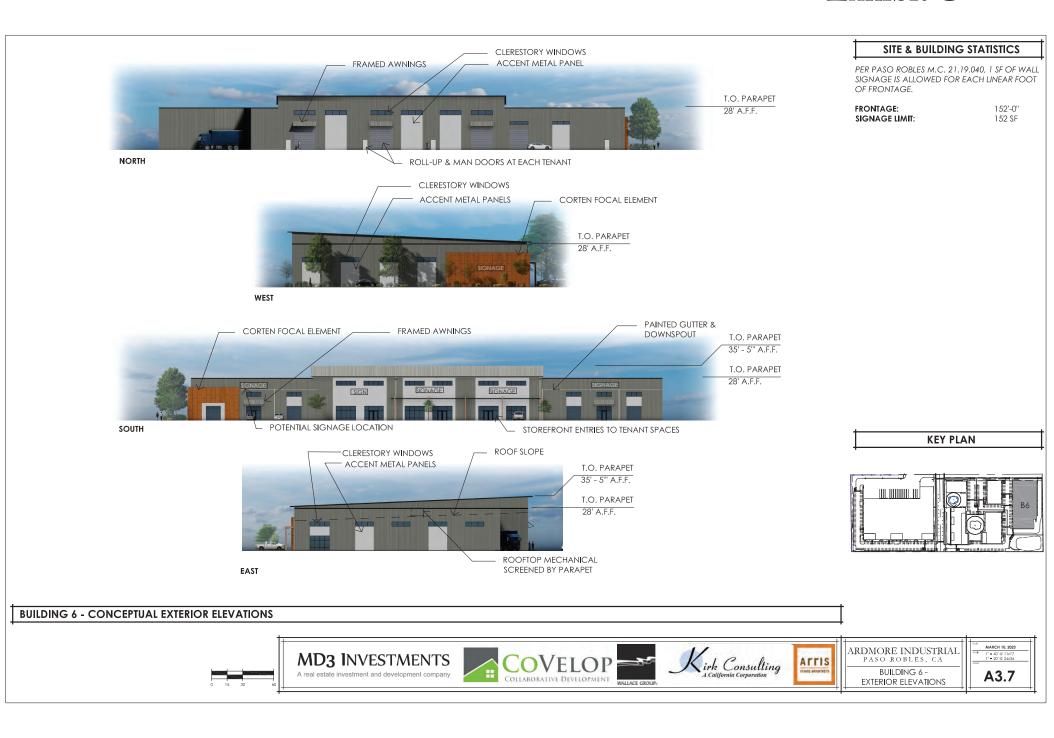


ARDMORE INDUSTRIAL
PASO ROBLES, CA
BUILDING 4 - FLOOR PLAN &
EXTERIOR ELEVATIONS

| Date | MARCH 10, 2023 | Scale | 1" = 40" @ 11x17 | 1" = 20" @ 24x36 | Steel | A 3.4

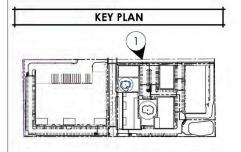








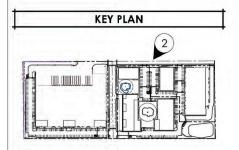
LOOKING EAST FROM ARDMORE TO BUILDINGS 3, 4 & 5







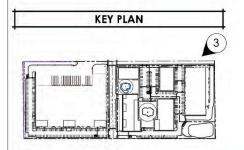
LOOKING EAST FROM ARDMORE TO BUILDINGS 3 & 4







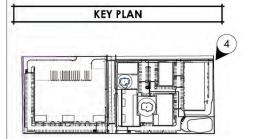
LOOKING SOUTH FROM ARDMORE TO BUILDINGS 6, 4 & 2







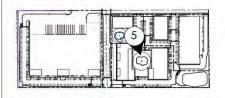
LOOKING EAST FROM ARDMORE TO BUILDING 6







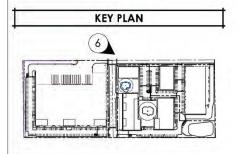
LOOKING EAST TO THE OAK TREE PLAZA BETWEEN BUILDING 3 & 5







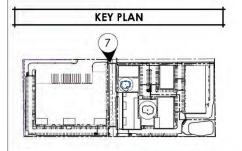
LOOKING NORTH EAST TO THE CORNER OF ARDMORE AND ARDMORE EXTENSION







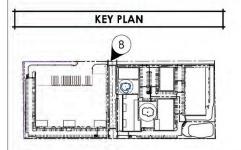
LOOKING EAST, DOWN ARDMORE EXTENSION







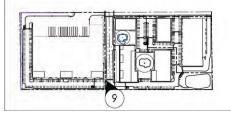
LOOKING EAST FROM ARDMORE TO BUILDING 1







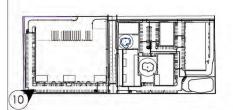
LOOKING WEST FROM ARDMORE EXT. TO BUILDING 1







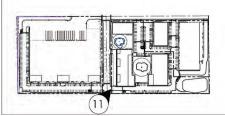
LOOKING NORTH FROM SOUTH EAST CORNER TO BUILDING 1







LOOKING WEST, DOWN ARDMORE EXT. THROUGH STREET TO BUILDINGS 2 & 3 - (FINAL ELEVATION - RETAIL DEMAND)

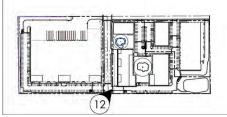






LOOKING WEST, DOWN ARDMORE EXT. DEAD END TO BUILDINGS 2 & 3 (INTERIM ELEVATION - NO RETAIL DEMAND)

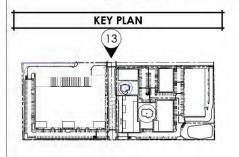








LOOKING EAST, FROM ARDMORE THROUGH INTERSECTION TO ARDMORE EXTENSION







BUILDING 1 - EAST ELEVATION SHOWN











(E) BLACK STOREFRONT



BUILDING MOUNTED LIGHTING HEIGHT: PER LUMINAIRE LOCATION SCHEDULE SHEET E3

COLOR & MATERIALS - BUILDING 1









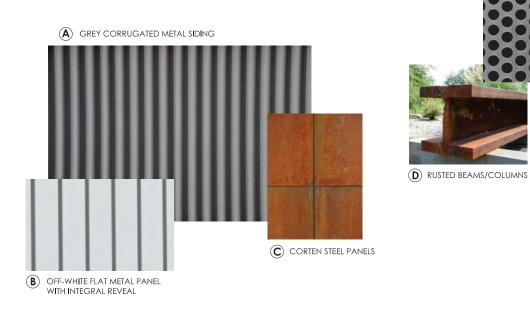


ARDMORE INDUSTRIAL PASO ROBLES, CA COLOR & MATERIALS BUILDING 1

A5.0



BUILDING 3 - NORTH ELEVATION SHOWN













LIGHTING
HEIGHT: PER LUMINAIRE
LOCATION SCHEDULE
SHEET E3

(G) BLACK STOREFRONT

COLOR AND MATERIALS - BUILDINGS 2 THRU 6











ARDMORE INDUSTRIAL
PASO ROBLES, CA
COLOR AND MATERIALS
BUILDINGS 2 - 6

NO SCALE
Sheet

A5.1

ARDMORE INDUSTRIAL

PASO ROBLES, CA SITE AMENITY DESIGN

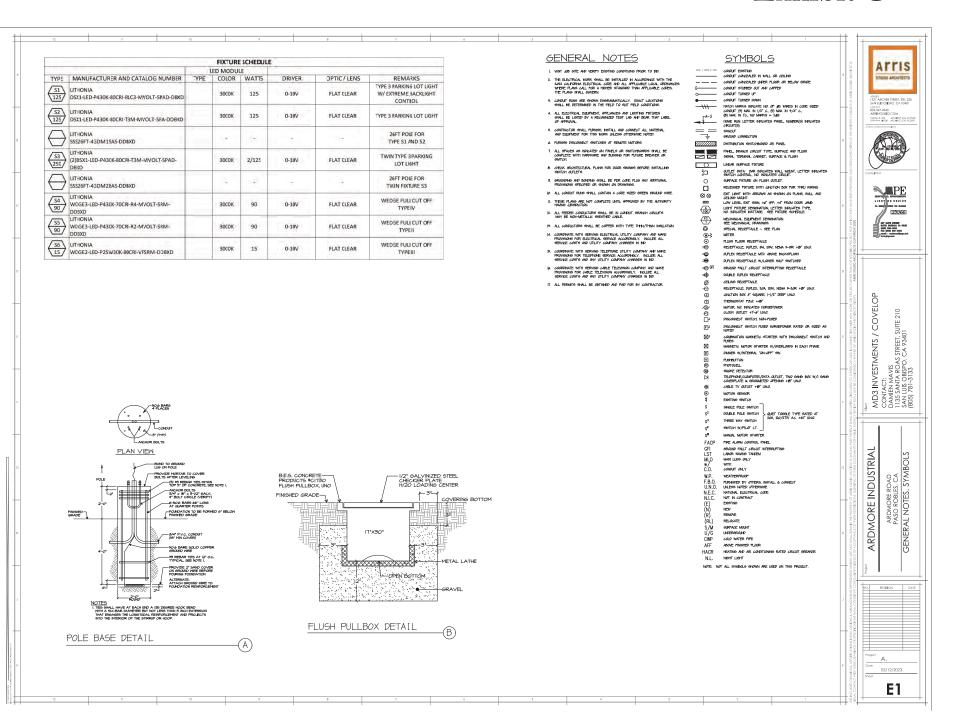
A5.2

irk Consulting

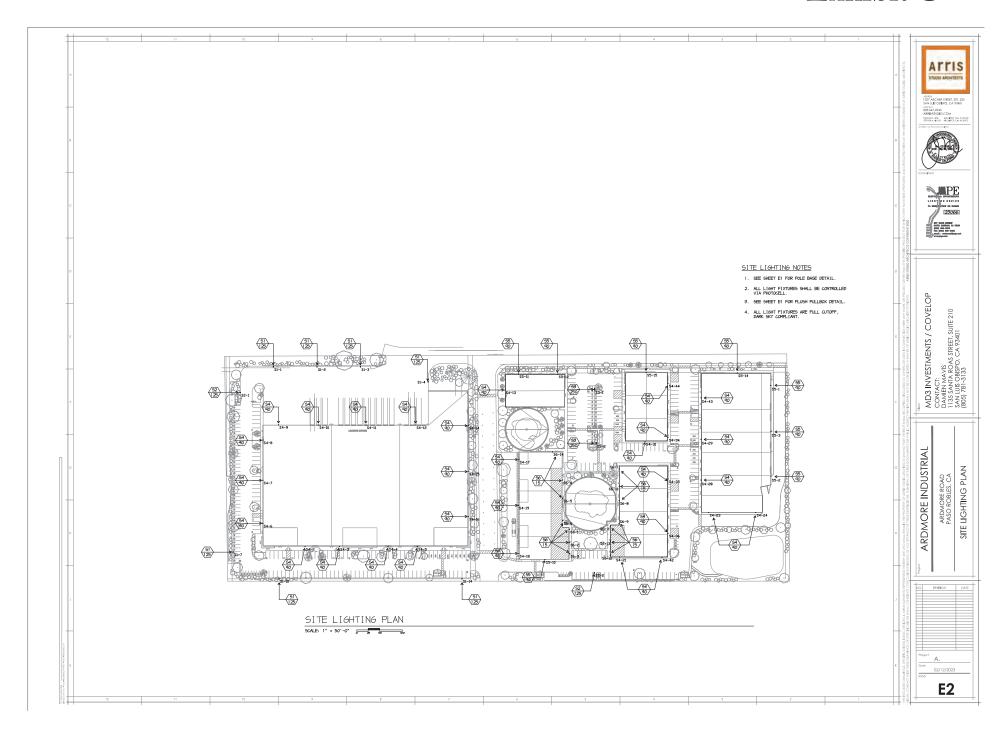
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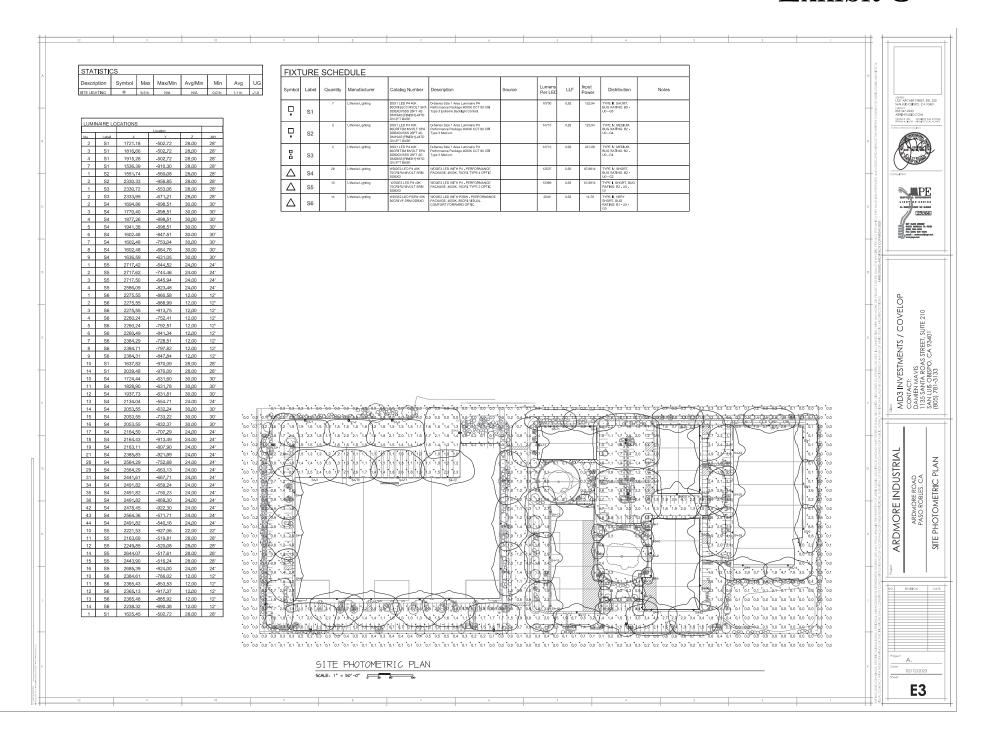


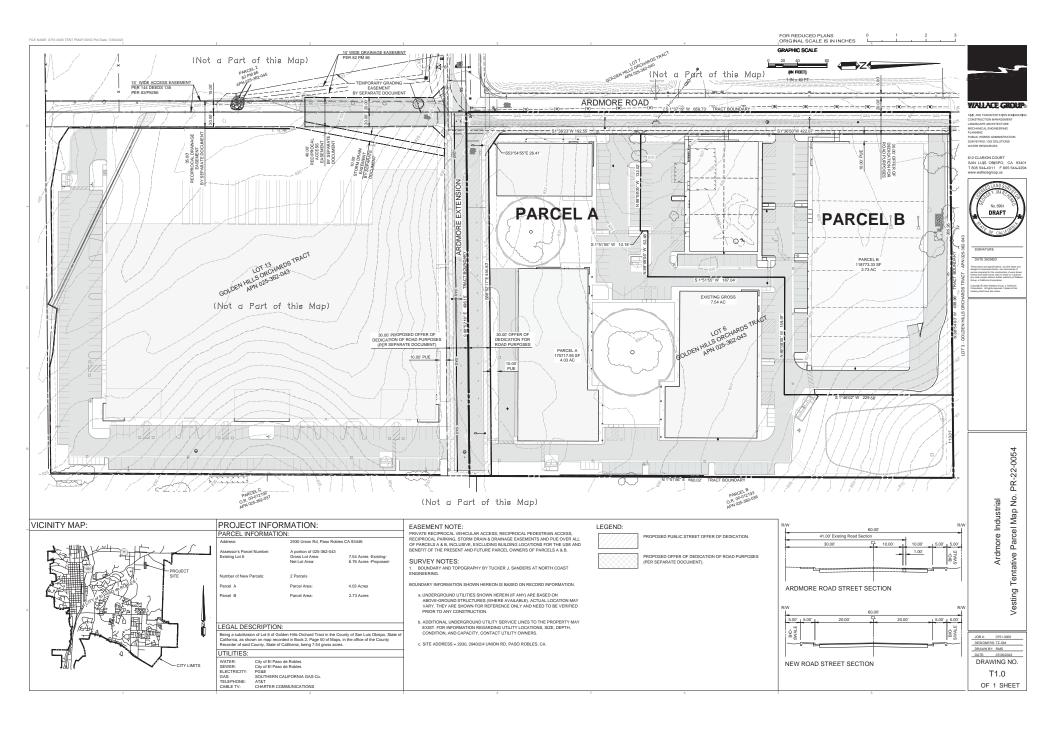
MD3 INVESTMENTS

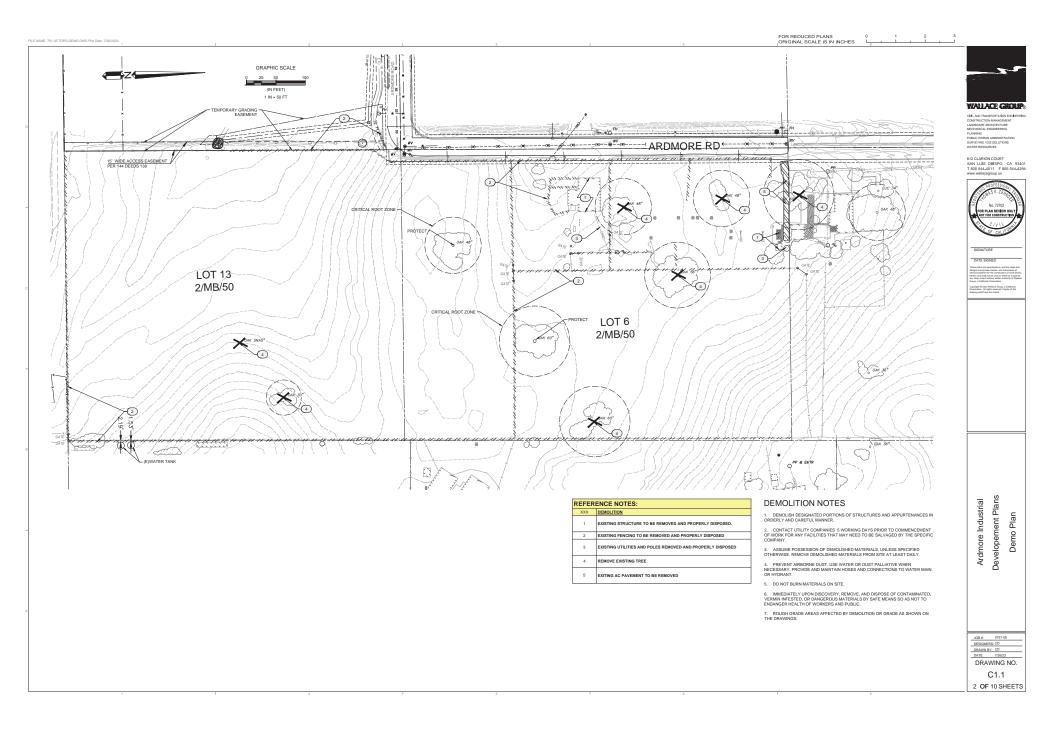


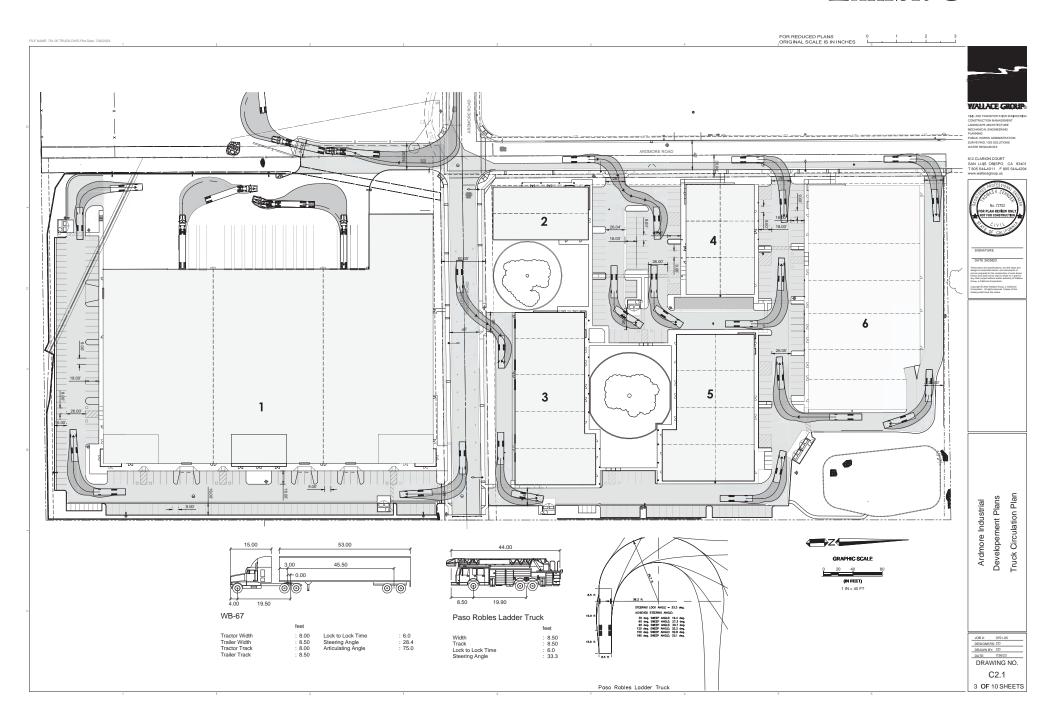
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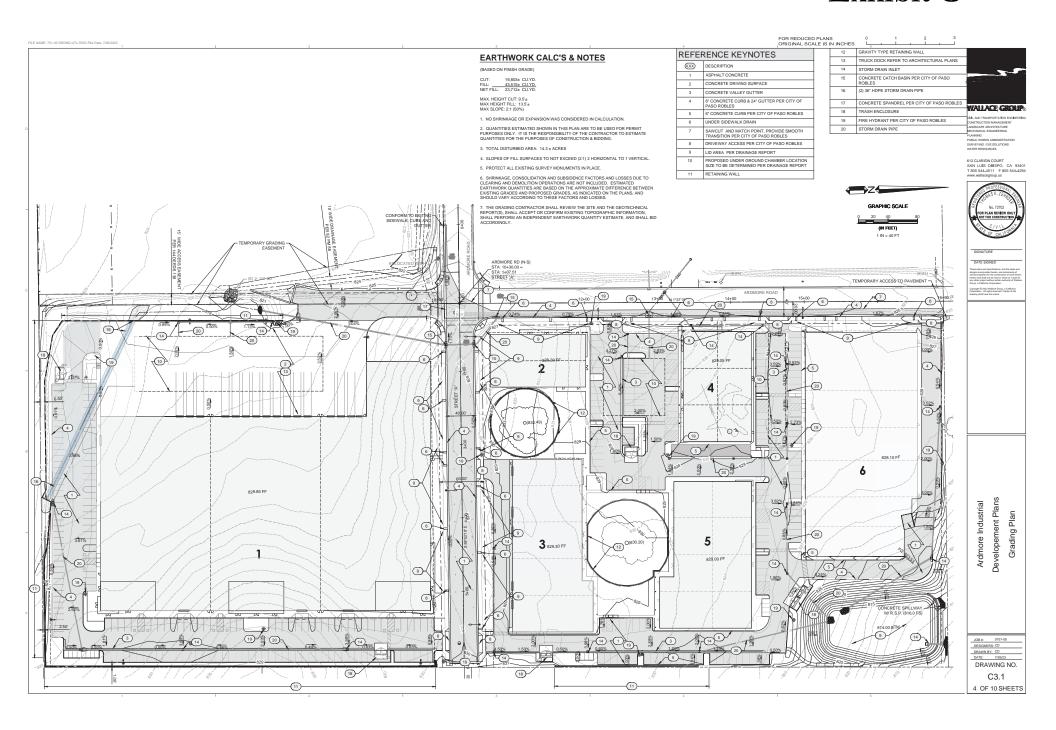


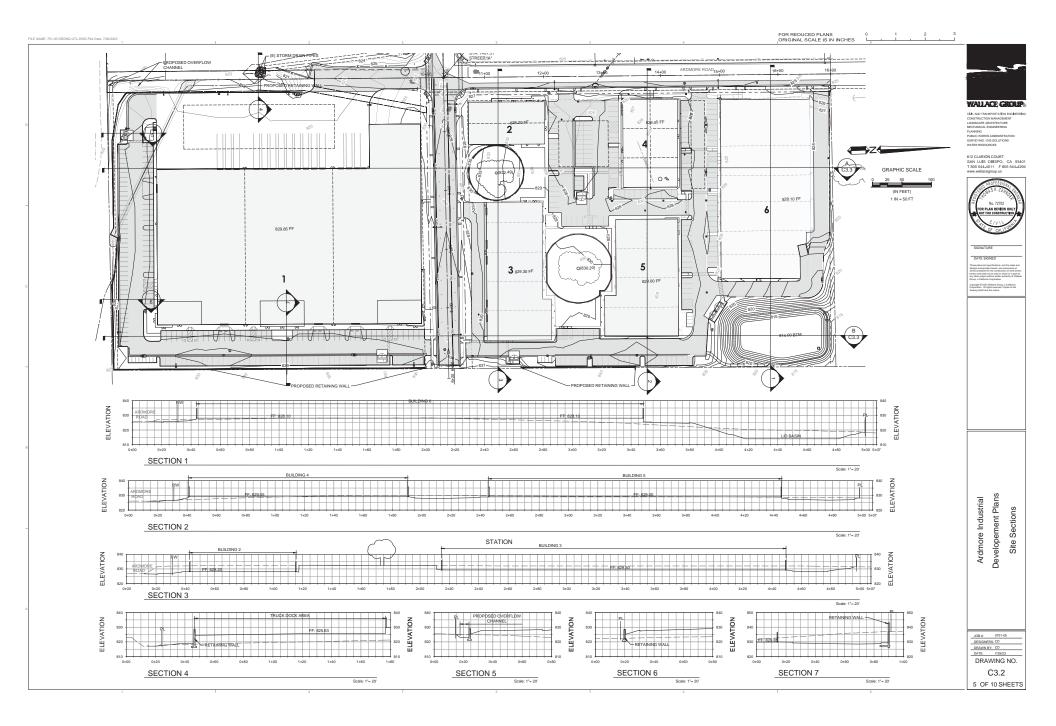


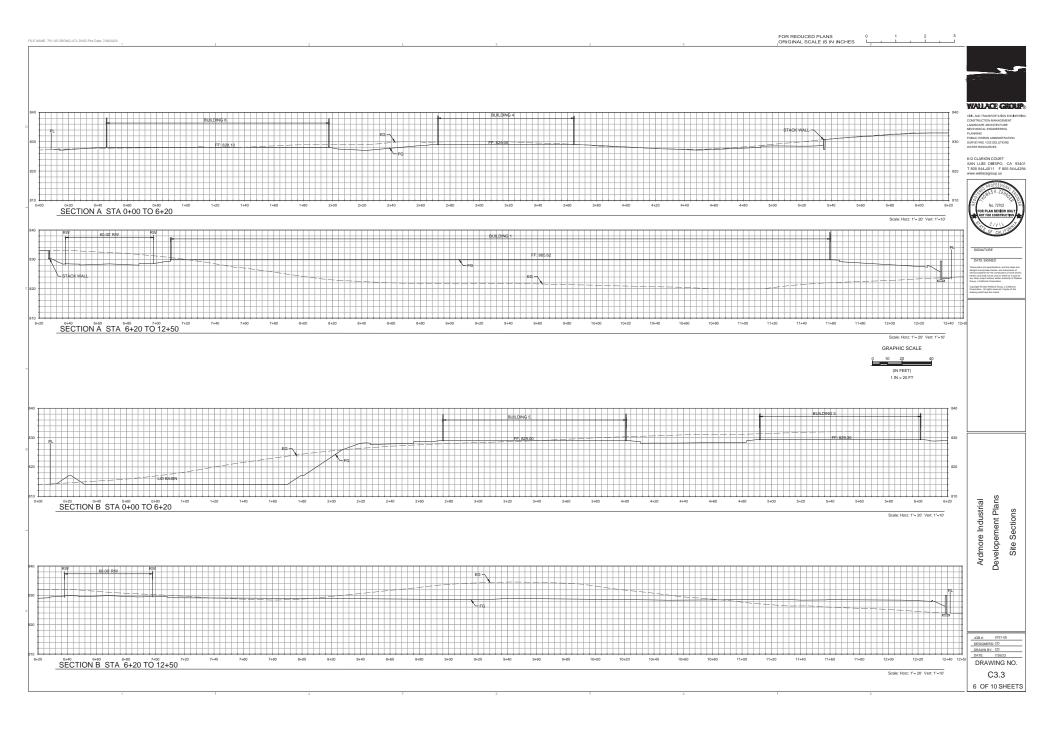


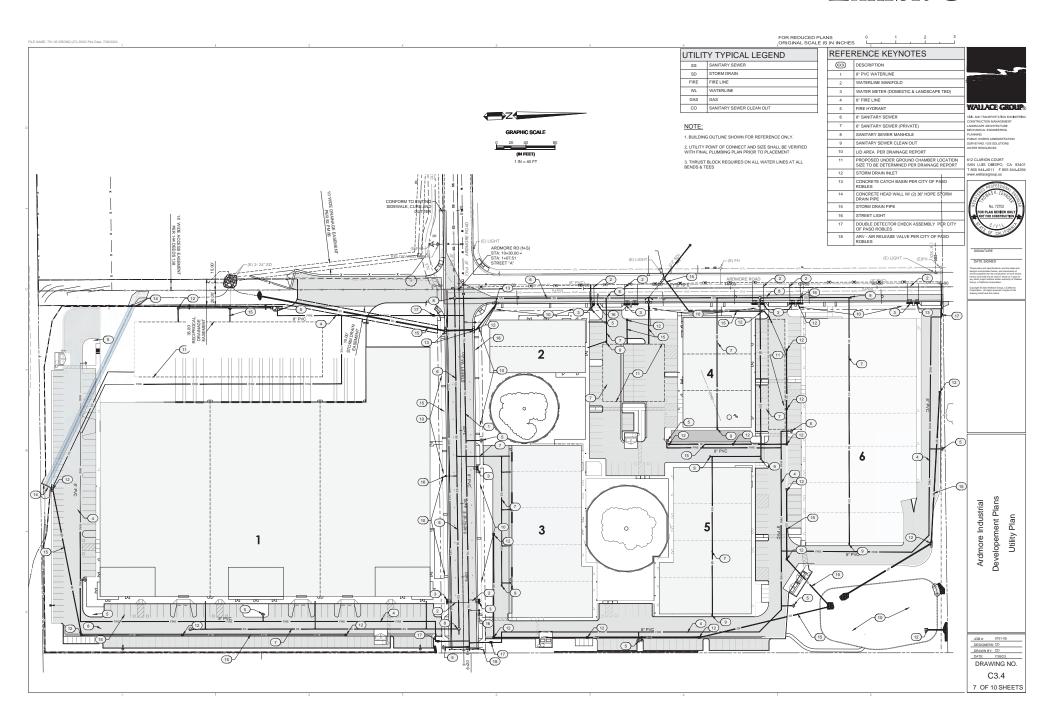


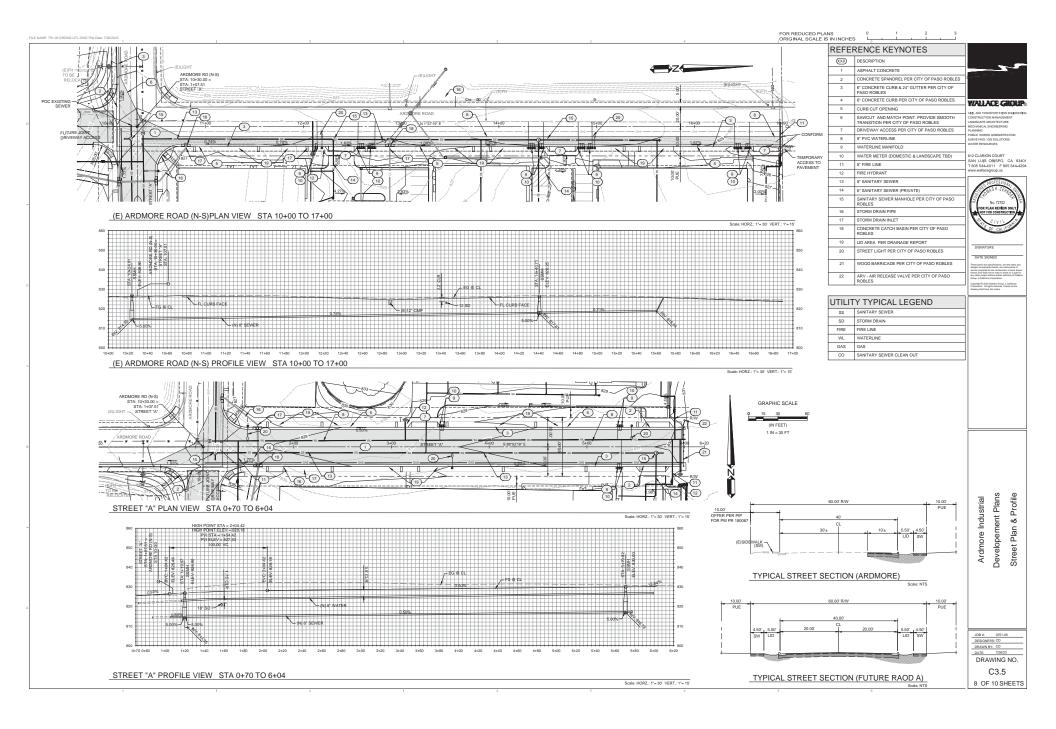












WATER POLLUTION AND EROSION

CONTROL MEASURES

BER ROLLS IN ACCORDANCE WITH CALTRANS STANDARD T ERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO BEG

INSTALL ORANGE CONSTRUCTION FENCING TO PROTECT EXISTING TREES AND PLANTS IN ACCORDANCE WITH CASQA STANDARD EC-2.

STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD 158.

TEMPORARY DRAINAGE INLET PROTECTION TYPE 3A - GRAVEL BAG BERM PER CALTRANS BMP SC-10 AND T62

STORMDRAIN INLET PROTECTION

GRAVEL BAG CHECK DAM

EMPORARY EXCLUSIONARY FENCING FOR INVIRONMENTALLY SENSITIVE AREAS

CONCRETE WASH OUT IN ACCORDANCE WITH CALTRANS STANDARD T59.

SILT FENCING IN ACCORDANCE WITH CALTRANS STANDARD T61 208 SILT FENCING IN ACCORDANCE WITH CALTRANS STANDARD TSI.

PROPOSED STACING AREA CONTRACTOR SHALL REPVILE EXPENSE.

BIMP, AND SECONDARY CONTRACTOR SHALL REPVILE EXPENSE.

BIMP, AND SECONDARY CONTRANIBLET FOR FUELING CONSTRUCTION VEHICLES. SEE STANDAR ARE EPTIL. THIS MEETE.

208 GRAVEL BAG CHECK DAM IN CHEYRORN FORMATION IN ACCORDANCE WITH CALTRANS STANDARD TS.

209 INSTALL FILTER FABRIC INSERT BELOW EXISTING GRADE FOR DYS IN CONCRETE.

DESCRIPTION

GRADING ACTIVITIES. FIBER ROLLS SHALL BE MADE OF 100%

Erosion Control Notes

PRE-CONSTRUCTION

- THE PROJECT QSP MUST ATTEND THE PRECONSTRUCTION MEETING. THE PROJECT SWPPP MUST BE ON THE SITE AND THE EROSION CONTROL SITE PLAN SHALL BE REVIEWED AT THIS MEETING.
- PRIOR TO ANY SITE WORK, INSTALL THE CONSTRUCTION SITE-RESOURCE PROTECTION FENCING AS SHOWN ON THE EROSION CONTROL PLAN AND ENSURE EROSION AND SEDMENTATION CONTROL MATERIALS ARE ON SITE AND READY FOR INSTALLATION.
- INSTALL ORANGE PLASTIC-WEB FENCING ALONG THE CONSTRUCTION SITE BOUNDARY AND IN AREAS DESIGNATED ON PLAN PRIOR TO ANY SITE DISTURBANCE. NO CONSTRUCTION UNDER THIS PERMIT IS TO OCCUR OUTSIDE OF THE SITE BOUNDARY.

DURING CONSTRUCTION

- DURING CONSTRUCTION PROTECTION MEASURES INCLUDE BMPS SHOWN ON THESE PLANS. THE PROJECT SITE SHALL BE ACCESSED ONLY VIA THE PROJECT FAIR SHALL BE ACCESSED ONLY VIA THE SHOULD FROM THE PROJECT BY ALL PREVENT MULTIPLE CONSTRUCTION ACCESS POINTS DIRECTING ACCESS TO A SINGLE POINT THROUGH THE USE OF FENDING OR OTHER ACCESS TO A SINGLE POINT THROUGH THE USE OF FENDING OR OTHER
- CONSTRUCTION STAGING AREAS SHALL BE WITHIN THE SITE BOUNDARY AND ONLY AND PER THE DESIGNATED AREA ON THE EROSION CONTROL PLAN. THE CONTRACTOR CAN CHANGE THE LOCATION AFTER REVIEW AND APPROVAL WITH THE COST OF ENSURE THE NEW LOCATION COMPULES WITH ALL COUNTY AND STATE CODES. (MUST BE 100' FROM SENSITIVE RESOURCES AND DRAINAGE WATER COURSES).
- ALL PORTABLE TOILETS MUST BE LOCATED MORE THAN 50' FROM ANY STORM DRAIN INLET OR DRAINAGE.

SLOPE PROTECTION: PROTECT ALL GRADED CUT AND FILL SLOPES WITHIN 14 DAYS OF INITIAL GRADING PER PROJECT PLANS AND AS FOLLOWS FOR ANY FIELD CHANGES:

Install fiber rolls on slopes along the contour with a slight downward angle at the end of each row to prevent ponding at the midsection (California Straw Works, 2005). Turn the ends of each fiber roll pushpe to prevent runoff from flowing around the roll.

Install fiber rolls in shallow trenches dug 3 to 5 inches deep for soft, loamy soils and 2 to 3 inches deep for hard, rocky soils. Determine the vertical spacing for slope installations on the basis of the slope gradient and soil type.

FIBER ROLL SLOPE PLACEMENT

4:1 slopes = 40 feet apart

- STABILIZE ALL GRADED SLOPES AFTER 14 DAYS OF INACTIVITY. VEGETATE SLOPES BY EITHER:
- SLOPES BY EITHER:

 A HYDROSECD AND PROVIDE TEMPORARY IRRIGATION UNTIL

 ESTABLISHED: OR

 ENT SEED AND COVER WITH WEED FREE STRAW, TRACKED UP AND
 DOWN SLOPE TO TACK INTO THE SOIL (USING TRACKED CONSTRUCTION
 EQUIPMENT Or.
- EQUIPMENT OF,

 C. PLACE JUTE NETTING OR EROSION CONTROL BLANKETS ON ALL GRADED SLOPES THAT DO NOT HAVE ESTABLISHED VEGETATION BY SEPTEMBER 1.

- AT PROJECT COMPLETION, REMOVE ALL TEMPORARY BMP'S NOT INTENDED TO BE LEFT IN PLACE (JUTE AND SEEDING) OBTAIN FINAL STABILIZATION OF ALL DISTURBED AREAS (70% VEGETATIVE
- OBTAIN FINAL STABILIZATION OF ALL DISTURBED AREAS (70% VEGETATIVE ON STALL ALL DATA AREAS (70% VEGETATIVE ON STALL ALL DATA AND EACH OF A MOTHER OF A MOTHER OF A MOTHER OF A MOTHER OF THE OWNER OF THE PROJECT SUPPORTING THE OWNER OF A MOTHER OF THE OWNER OWNER OF THE OWNER OWNE

SWPPP

1. A NOTICE OF INTENT HAS BEEN FILED WITH THE STATE OF CALIFORNIA WATER
RESOURCES CONTROL BOARD BY THE OWNER SO THAT THIS CONSTRUCTION
PROJECT MAY BE COVERED UNDER THE STATE GENERAL PERMIT.

- THE WDID IDENTIFICATION FOR THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS ---__TBD__.
- THE SWPPP MUST BE KEPT ONSITE DURING CONSTRUCTION ACTIVITY AND MADE AVAILABLE UPON REQUEST OF A REPRESENTATIVE OF THE REGIONAL WATER QUALITY BOARD AND/OR THE LOCAL AGENCY.
- A CALIFORNIA STATE CERTIFIED QSP MUST INSPECT THE SITE ACCORDING TO THE STATE ISSUED SWPPP REQUIREMENTS FOR THE DURATION OF THE

Dust Control Notes:

- 1. Reduce the amount of the disturbed area where possible
 2. Use water trucks or sprinkler systems in sufficient quantities to prevent airborne dust from leaving the site. Increased watering frequency would be required whenever winn speeds exceed 15 mph. Reclaimed (nonpotable) water should be used whenever possible.

- Species accorded to flips, necessarious very-pursons very And dist stack-jelle areas must be spripted as needed.

 Permanent dust control measures identified in the approved project plans should be implemented as some as possible following completion of any soil disturbing activities. Exposed ground areas that are planned to be revorked at dates greater than one month watered until veglentin in establishmed. All disturbed areas not subject to revegletation should be stabilized using approved chemical soil briefact, julie entitigs or other methods approved in advance by the APCA. All readenings should be prived as soon as possible.

 All controlled to the controlled of the controlled

- Vehicle speed for all construction vehicles shall not exceed to mpn on any unpaved surface at the construction side or other loose materials are to be covered or should maintain at least two feet of freeboard (minimum vertical distance between top of load and top of trailler) in accordance with CVC Section 23114.
 All areas disturbed by grading activities shall be hypticoseded with an approved
- Effective soil cover shall be implemented for areas scheduled to be inactive for at least 14 days.

ECP SHOWN ON THIS SHEET IS FOR PHASE 1

RISK LEVEL: tbd

Legally Responsible Person(LRP): Owner: Damien Mavis Covelop PO Box 12910 San Luis Obispo, CA 93406

WALLACE GROUP

QSD/QSP: Ronald (Glenn) Rider, QSD/QSP #26736 Phone: 805-544-4011 Email: glennr@wallacegroup.us

WDID No.: tbd Risk Level tbd.

GRAPHIC SCALE

WALLACE GROUP

612 CLARION COURT

SAN LUIS OBISPO. GA 93401 T 805 544-4011 F 805 544-4294 www.wallacegroup.us



County Erosion Control Notes

I EGEND:

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES REFERENCE NOTES:

BIODEGRADABLE MATERIALS.

Erosion control measures for wind, water, material s mented on all projects at all times and shall include s implemented on all projects at all times and shall include source control, including protection of stockies, and perimeter control international resource. Exclusion control shall be bished prior to accesses, and perimeter control international resources and stockies and stockies and stockies are controlled to the stockies and stockies and stockies are controlled to the stockies and stockies are controlled and stockies and sto

be conducted and documented at all times during construction and especially prior to,
3. The Developer shall be responsible but he placement and maintenance of all enrolino
control measures/devices as specified by the approved plan until such time that the project
is accepted as compiled as compiled to the placement and released from the or
relocated, defleted or additional measures/devices may be required depending on the
actual conditions consortiered during construction. Additional resource or compiled
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strated conditions. A reflect of the plans with additional measures/devices
society from the appendix of the Public Improvement Standards.
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Person to contact 24 hours a day in the event there is an erosion or problem (Storm Water Compliance Officer): Name Local Phone No:



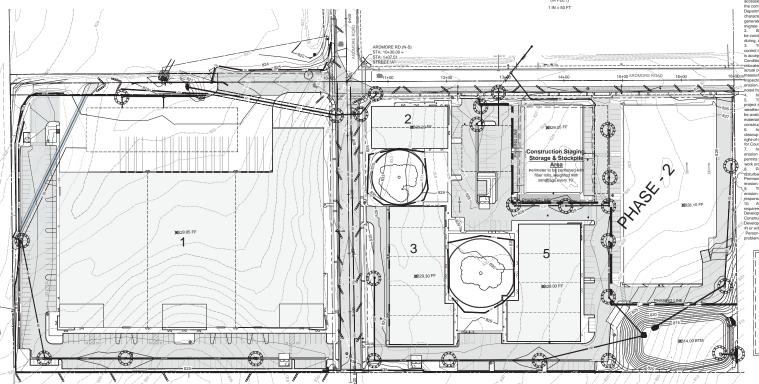
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Control Plan Developement Plans Ardmore Industrial

Erosion

9 OF 10 SHEETS



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sections, regions. do. fore taking or our taking only
places, regions. do. fore taking or our taking only

WM-1

88 Sellment Control
Tracking Control
WE Wind Erosion Control
No Stormwater
Management Control

Legend:

Primary Category

Secondary Category

STATE OF CILIFORNIA - DEPARTMENT OF TRANSPORTATION STORM WATER SPECIAL PROVISIONS for MINIMAL or NO IMPACT

absorbest pads, or plack shorting with absorbest material, and away from storm water nn-on when not in use.

22. LEQUID WASTE: Provent job site liquid to

Preservation Of Existing Vegetation EC-2



Description and Purpose

Carefully planned preservation of existing vegetation mini the potential of removing or injuring existing trees, vines, shrubs, and grasses that protect soil from erosion.

Suitable Applications
Preservation of existing vegetation is suitable for use on most projects. Large project sites often provide the greatest opportunity for use of this BMP. Suitable applications include the following:

Areas within the site where no construction activity occurs, or occurs at a later date. This BMP is especially suitable to multi year projects where grading can be phased.

Areas where natural vegetation exists and is designated for preservation. Such areas often include steep slopes, watercourse, and building sites in wooded areas.

Areas where local, state, and federal government require preservation, such as vernal pools, wetlands, marshes, certain oak trees, etc. These areas are usually designated on the plans, or in the specifications, permits, or environmental documents.

Where vegetation designated for ultimate removal can be temporarily preserved and be utilized for erosion control and sediment control.

Limitations

Requires forward planning by the owner/developer,

WM Waste Management and Materials Pollution Control Legend:

Primary Objective



Targeted Constituents

CASOA

WM-3

M Security Control
AC Thodaig Control
WE Wind Ension Control
No. Stormwater
Management Control
Wate Management and
Meterials Polydon Control

Legend:

Primary Category

Description and Purpose

Street sweeping and vacamining includes use of self-propelled
and seals declared appropriate in receive self-ment from streets
and readmaps, and localism power self-ment from streets
and readmaps, and localism power self-ment from streets
and readmaps, and localism power self-ment from
final powing. Sweeping and vacamining prevents selfment for
final powing. Sweeping and vacamining prevents self-ment for
final powing.

Severations are suitable anywhere ordinent is tracked from the project ails onto public or private proof streets and roats, typically at points of express. Sweeping, and vacuuming are also applicable during preparation of paved surfaces for final paving.

Sweeping and vacuuming may not be effective when sediment is wet or when tracked soil is caked (caked soil may need to be scraped loose).

Implementation

Controlling the number of points where vehicles can leave the site well allow sweeping and vacuuming efforts to be focused, and perhaps save money.

Visible sediment tracking should be swept or vacuumed on a daily basis.

Do not use kick brooms or sweeper attachments. These tend to spread the dirt rather than remove it.

Inspect potential sediment tracking locations daily.

Suitable Applications

Limitations

Street Sweeping and Vacuuming SE-7

M. Second Street

AC Tracking Custon

WE Wind Ension Control

No Stormwater

Management Control

Legend:

Primary Objective

Targeted Constituents

 \square

CALTRANS TR-0400



Description and Purpose

Description and Purpose Trevent, reduce, or eliminate the discharge of pollutants from material delivery and atorage to the stormwater system or watercourse by minimizing the storage of hazardoss materials onsite, storing materials in watertight containers and/or a completely endocode designated area, installing econdary containment, conducting regular inspections, and training emphyors and subcontractors.

This best management practice covers only material delivery and storage. For other information on materials, see WM-2, Material Use, or WM-4, Spill. Prevention and Control. For information on wastes, see the waste management BMPs in this

Suitable Applications
These procedures are suitable for use at all construction sites with delivery and storage of the following materials:

- Pesticides and herbicides
- Fertilizers
- Plaster
- Petroleum products such as fuel, oil, and grease



Material Use



Description and Purpose
Prevets or reduce the discharge of pollutants to the storm drain guisen or watercourses from custorial use by using alternative products, minimizing huserfown material use custle, and training employees and subcontractors.

Suitable Applications
This BMP is suitable for use at all construction projects. These procultures apply when the following materials are used or propered smale:

- Pesticides and herbicides
 - Fertilizers

 - Petroleum products such as fuel, oil, and grease
 - Asphalt and other concrete components
 - Other hazardous chemicals such as acids, lime, glues, adhesives, paints, solvents, and curing compounds



WM-2

Categories

Primary Category

ia Stormwater BMP is Construction www.casqa.org

Stockpile Management



Description and Purpose
Stockpile management procedures and practices are designed
stockpile management procedures may predict a restockpile of self, in cold an amendments, used, proving materials such
as portland cement concrete (PCC) rubble, asphalts concrete
(ACC, apublic concerter nubble, aggregate base, aggregate sub
base or pre-mixed aggregate, asphalt minder (so called "cold
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Suitable Applications Implement in all projects that stockpile soil and other loose materials.

Limitations

- Plastic sheeting as a stockpile protection is temporary and hard to manage in windy conditions. Where plastic is used, consider use of plastic tarps with nylon reinforcement which may be more durable than standard sheeting.
- Plastic sheeting can increase runoff volume due to lack of infiltration and potentially cause perimeter control failure.
- Plastic sheeting breaks down faster in sunlight.
- The use of Plastic materials and photodegradable plastics should be avoided.

Implementation Protection of stockpiles is a year-round requirement. To properly manage stockpiles:



Spill Prevention and Control

Prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees.

This best management practice covers only spill prevention and control. However, WM-1, Materials Delivery and Storage, and WM-2, Material Use, also contain useful information, particularly on spill prevention. For information on wastes, see the waste management BMPs in this section.

Suitable Applications

This BMP is suitable for all construction projects. Spill control procedures are implemented anytime chemicals or hazardous substances are stored on the construction site, including the following materials:

- Soil stabilizers/binders
- Dust palliatives
- Herbicides Growth inhibitors
- Fertilizers
- Deicing/anti-icing chemicals



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WM-4

CASOA

Categories EC Erosion Control
SE Sediment Control
7C Tracking Control
WE Wind Erosion Control
NS Non-Stormwater
Management Control WM Weste Management and Materials Pollution Control Legend:

Primary Objective

DRAWING NO. C4.2 10 OF 10 SHEETS

JOB #: 0751-05 DESIGNERS: CD

DRAWN BY: CD

Details

Control

Erosion (

Developement Plans Ardmore Industrial

WM-8

FOR REDUCED PLANS
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Solid Waste Management



Description and Purpose

Selidi waste management procedures and practices are designed to prevent or reduce the discharge of pollutants to stormwater from solid or construction waste by providing designated waste collection areas and containers, arranging for regular disposal, and training employees and subcontractors.

Suitable Applications

This BMP is suitable for construction sites where the following wastes are generated or stored:

- Solid waste generated from trees and shrubs removed during land clearing, demolition of existing structures (rubble), and building construction
- · Packaging materials including wood, paper, and plastic
- Scrap or surplus building materials including scrap metals, rubber, plastic, glass pieces and masonry products
- Domestic wastes including food containers such as beverage cans, coffee cups, paper bags, plastic wrappers, and
- Construction wastes including brick, mortar, timber, steel and metal scraps, pipe and electrical cuttings, non-hazardous equipment parts, styrofoam and other materials used to transport and package construction materials
- Highway planting wastes, including vegetative material,

WM-5

Targeted Constituents

CASOA

NS-9

EC Erosion Control
SE Sediment Control
TC Tracking Control

WE Wind Erosion Control NS Non-Stormwater Management Control WM Waste Management and Materials Pollution Control Primary Objective

Targeted Constituens

Potential Alternatives

Oil and Grease



Hazardous Waste Management

Description and Purpose

Prevent or reduce the discharge of pollutants to stor hazardous waste through proper material use, waste disposal, and training of employees and subcontractors.

Suitable Applications

This best management practice (BMP) applies to all construction projects. Hazardous waste management practices are implemented on construction projects that generate waste from

- Concrete Curing Compounds Pesticides - Acids
- Palliatives - Septic Wastes - Paints
- Stains - Solvents Wood Preservatives - Roofing Tar
- Any materials deemed a hazardous waste in California, Title 22 Division 4.5, or listed in 40 CFR Parts 110, 117, 261, or 302

WM-6



Targeted Constituents

Organics

Potential Alternatives



Contaminated Soil Management



Description and Purpose
Prevent or reduce the discharge of pollutants to stormwater
from contaminated soil and highly acidic or alkaline soils by
conducting per-construction surveys, inspecting excavations
regularly, and remediating contaminated soil promptly.

Suitable Applications

Suitable Applications
Contaminated soil management is implemented on construction projects in highly urbanized or industrial areas where soil contamination may have occurred due to spills, illicit discharges, arrial deposition, past use and leaks from underground storage tanks.

Limitations

Contaminated soils that cannot be treated onsite must be disposed of offsite by a licensed hazardous waste hauler. The presence of contaminated soil may indicate contaminated water as well. See NS-2, Dewstering Operations, for more information.

The procedures and practices presented in this BMP are general. The contractor should identify appropriate practices and procedures for the specific contaminants known to exist or discovered onsite.

Implementation
Most owners and developers conduct pre-construction
environmental assessments as a matter of routine.
Contaminated soils are other identified during project planning
specifications and in the SWPPT. He contractor should review
applicable reports and investigate appropriate call-outs in the

WM-7

RC Tracking Control
WE Wind Erosion Control

Targeted Constituents

Potential Alternatives

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ASOA

Concrete Waste Management



Description and Purpose
Prevent the discharge of pollutants to stormwater from
concrete waste by conducting washout onsite or offsite in a
designated area, and by employee and subcontractor training.

The General Permit incorporates Numeric Effluent Limits (NBL) and Numeric Action Levels (NAL), for pH (see Section 2 of this handbook to determine your project's risk level and if you are subject to these requirements).

Many types of construction materials, including mortar, concrete, stoco, cement and block and their associated wastes have basic chemical properties that on raise pil levels outside of the permitted range. Additional care should be taken when managing these materials to prevent them from coming into contact with screens search raising pil to levels outside the accepted range.

Suitable Applications

Concrete waste management procedures and practices are implemented on construction projects where:

- Shurries containing portland cement concrete (PCC) are generated, such as from saw cutting, coring, grinding, grooving, and hydro-concrete demolition.



Targeted Constituents

Potential Alternatives

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Vehicle and Equipment Fueling



While expinent forfing mondures and prairies are designed to prevent fuel stylls and leaks, and reduce or eliminate containmation of stormwater. This can be accomplished by using offsite facilities, feeling in designated areas only, enclosing or covering stored fuel, implementing spill controls, and training employees and subcontractors in proper faciliar necessities.

Suitable Applications

These procedures are suitable on all construction sites where vehicle and equipment fueling takes place.

LIMITATIONS

Onsite vehicle and equipment fueling should only be used where it is impractical to send vehicles and equipment offsite for feeling. Sending vehicles and equipment offsite should be done in conjunction with TC-1, Stabilized Construction Entrance/ Exit.

- Implementation

 Use offsite fueling stations as much as possible. These
 businesses are better equipped to handle fuel and spills
 properly. Performing this work offsite can also be
 economical by eliminating the need for a separate fueling
 area at a site.
- Discourage "topping-off" of fuel tanks.



Oil and Grease

Vehicle & Equipment Maintenance NS-10

EC Erosion Control
SE Sediment Control
TC Tracking Control

Targeted Constituents

Potential Alternatives

Oil and Grease

Organics



vescription and Purpose
Present or relates the contamination of shormwater resulting.
Flows while the montaneous properties of the propert

Suitable Applications

These procedures are suitable on all construction projects where an onsite yard area is necessary for storage and maintenance of heavy equipment and vehicles.

Limitations
Unite vehicle and equipment maintenance should only be used above it is impractical to send whiches and equipment offsite for maintenance and repair. Sending whiches/regiment offsite should be done in conjunction with TC+1, Stabilland. Contruction Entrance/Exit.

Orikooc vehicle or opijpment maintenance is a petentially sijajičanat source of stormuster pollution, Activitics Intal contentially superiorised in the petential superiorised includes angium engair and service, clausigu or replacement of fluids, and outdoor opitipment strong and packing, trapple full britash. For further, interest of the petential superiorised superi



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Details Developement Plans **Erosion Control**

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C4.3 11 OF 10 SHEETS

Ardmore Industrial

