FUJIFILM
Value from Innovation

Project Narrative

Rezoning, Site Plan Review, and Design Review
For The Expansion Of An Existing Industrial Facility

Located at the Southwest Corner of
South Mountain Road and State Route-24
Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y

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Submittal Date: May 1, 2023
Resubmittal Date: August 14, 2023
Resubmittal Date: September 25, 2023
Resubmittal Date: January 3, 2025
Resubmittal Date: June 20, 2025
Resubmittal Date: September 8, 2025
Resubmittal Date: September 30, 2025
Resubmittal Date: October 27, 2025

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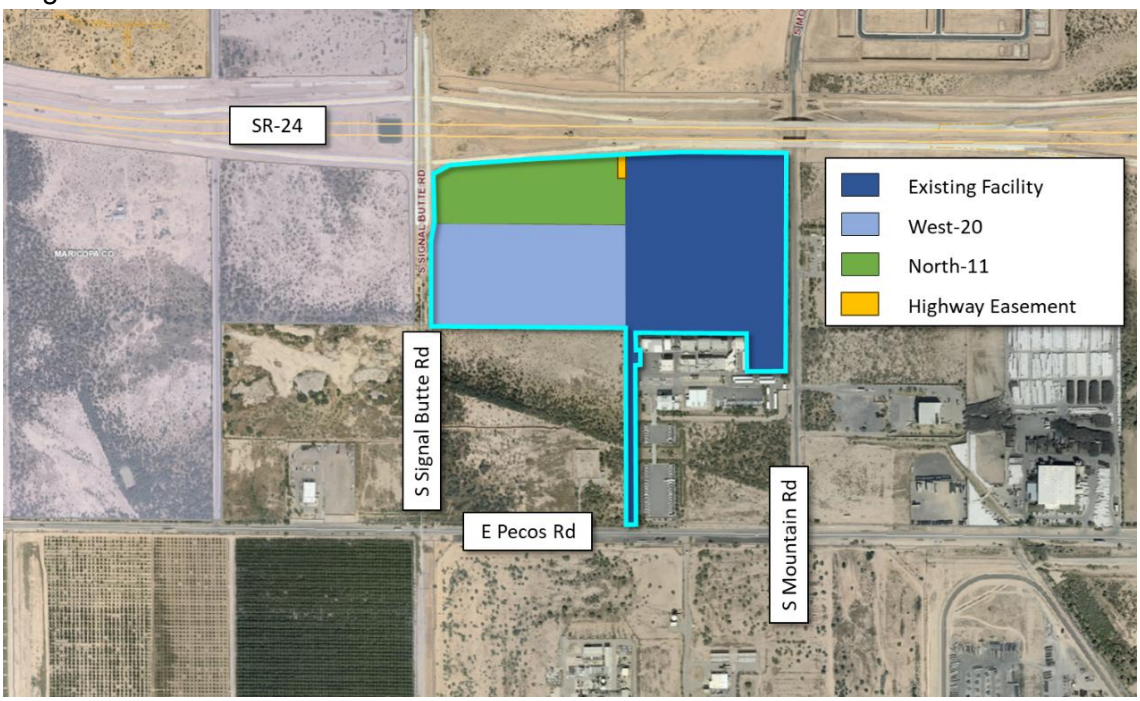
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II. INTRODUCTION AND PROJECT OVERVIEW

The law firm of Quarles & Brady, LLP submits this application for a rezoning, site plan approval, and design review on behalf of FUJIFILM Electronic Materials U.S.A., Inc. ("FUJIFILM" or the "Applicant"). FUJIFILM is a world leader in the development and manufacturing of materials for the semiconductor industry and is a leading producer of specialty chemicals. The growth of FUJIFILM'S business has increased production demand, as well as the need to provide greater flexibility to respond to the frequent non-forecasted spikes in demand. The existing Raw Material warehouse, Solvent Storage warehouse, Finished Goods warehouse, and isotainers (special containers to store and transport hazardous and non-hazardous liquids) storage areas all need increases in spatial allotment to account for continued growth.

To accommodate the increased demand projections and to allow for greater flexibility, FUJIFILM is proposing to build out a 20-acre portion of the western half of their property (the "West-20") and approximately 11 acres of newly acquired property (the "North-11"), the North-11 consists of 5 parcels and a recently abandoned highway easement strip obtained from the Arizona Department of Transportation ("ADOT") in 2022 as part of the SR-24 expansion and 1 parcel obtained in 2024 after the completion of the Signal Butte interchange. The Applicant intends to expand an existing industrial complex comprising of multiple buildings (the "Development").

Figure 1



III. PROPERTY OVERVIEW AND EXISTING ZONING ENTITLEMENTS

The Development will be located at the Southeast Corner of South Signal Butte Road and State Route-24 ("SR-24") on Maricopa County Assessor Parcel Nos. 304-34-035G, 304-34-019Q, 304-

34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y, consisting of approximately 68.4 acres (the "Property").

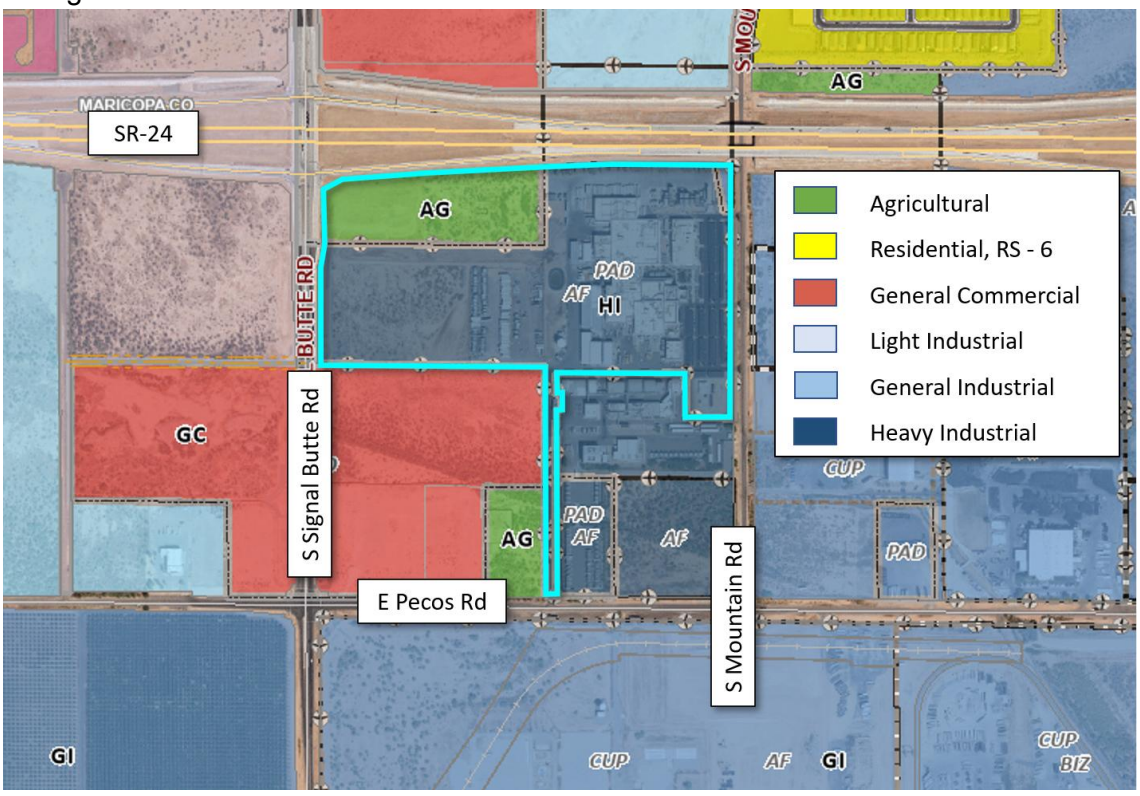
The Property includes a former 30-ft highway easement (“Easement”) along the East side of Parcel No. 304-34-019Y of the North-11, adjacent to Parcel No. 304-34-035G of the existing facility. Per the title record of the Property, the previous 30-feet Easement on the East side of Parcel No. 304-34-019Y is real property owned by FUJIFILM Electronic Materials USA INC. and is fully integrated into the proposed site plan.

The Easement was dedicated as an “Easement and Agreement for Highway Purposes” to Maricopa County in 1981, Record No. 19810526233. Subsequently, the Easement was annexed into the City Mesa in 1990, under Annexation Ordinance No. 2514, as part of a larger annexation area. Neither the County nor City have ever established a right-of-way (“ROW”) use on the Easement. The City Council approved the Applicant’s request to abandon this Easement as part of a separate, concurrent application, Case No. 25-V05. As shown on the Preliminary Plat with this application, the Applicant will combine all parcels into one parcel and incorporate the Easement into the overall site plan layout.

Existing Zoning

The Property includes two zoning districts: **(1)** Heavy Industrial with both a Planned Area Development Overlay and the Airfield Overlay District ("HI PAD-AF") on approximately 49.8 acres (Case No. Z17-002) and **(2)** Agricultural ("AG") on approximately 11 acres.

Figure 2.



Approval of Rezoning Case No. Z17-002 expanded the existing FUJIFILM facility by adding a 20-acre parcel (the "West-20") to the previous boundary. The current PAD overlay modifications were approved under Case No. Z17-002 to accommodate minor deviations to the Mesa development standards and recognized all existing conditions of the main FUJIFILM facility. The current PAD overlay modifications are shown below.

1. Reduction in the landscape setback along the south property line to allow an 8-ft tall property wall and a small area of the isotainer parking pad to extend beyond the parking blocks to allow safe movement for employee access and handling of isotainers during periods of connection to the provided power supply and cooling equipment.
2. Elimination of the required shrubs along the north, south and east property lines due to lack of visibility from adjacent properties which will be screened via an 8-ft. high block wall.
3. Allowance of temporary chain link security fencing as shown on the Site Plan and through all portions of Phase 2 [of the approved 20-acre expansion].
4. Allow shrubs only in isotainer landscape island endcaps.
5. Relative to the existing property, the PAD is solely for the purposes of maintaining the existing conditions of the developed property, as currently constituted. Notably, there are no known violations of the development standards, but such application of the PAD overlay in this instance is being made out of an abundance of caution.

The AF (Airfield) overlay is due to the Property's proximity to the Phoenix-Mesa Gateway Airport, wherein the property is located within the AO3 overflight area.

General Plan 2040

The Mesa General Plan 2040 ("GP 2040") designates the Property within the Employment Character Area within the Gateway Economic Activity Area, where the primary focus is for employment-type land uses of at least 20 acres. We believe that expanding the existing FUJIFILM industrial facility fits within the surrounding area, consisting of the airport and other industrial uses.

Mesa Gateway Strategic Development Plan

The Property falls within the Logistics and Commerce District of the Mesa Gateway Strategic Development Plan, which is a policy document outlining the vision and goals to guide how the area functions, looks, and operates as well as improve financial and environmental sustainability. The Logistics and Commerce District focuses on bringing heavy industrial, light industrial, business park, and commercial uses to the areas south and east of the Phoenix-Mesa Gateway Airport ("Airport") with high-quality development and architecture. The Development implements the following goals outlined for the Logistics and Commerce District in the Mesa Gateway Strategic Development Plan.

A. Goal 1: Maximize Potential of Phoenix-Mesa Gateway Airport

1. The Development is an optimal land use option, developing the historically agricultural property to industrial activities that will support employment growth.

B. Goal 2: Job Creation

1. As a multiple building expansion, the Applicant will provide opportunities for a variety of new employees seeking to be within close proximity to the Airport and near the growing residential areas of Southeast Mesa.
2. FUJIFILM is experiencing increased demand and the project is expected to generate additional high-paying technical employment once fully constructed.

C. Goal 3: Connectivity - Transportation/Transit

1. Specific attention is given to the major arterial intersection of Signal Butte Road and SR-24 with additional access to Pecos Road to ensure safe truck movements.

D. Goal 4: Sustainable Development

1. The Development includes energy efficient LED lighting inside the warehouse and outside the buildings, windows around the warehouse that will maximize natural light and minimize the need for electricity for interior lighting, and energy efficient roofing insulation to minimize need for HVAC in the warehouse and offices.

IV. ENTITLEMENT REQUEST

As part of the proposed Development, the Applicant is requesting the following approvals from the City of Mesa:

- Amend the PAD development standards approved under Case No. Z17-002 for the existing facility and West-20 (approximately 49.8 acres) and to expand the PAD to encompass the North-11.
- Rezone the North-11 from AG to HI PAD-AF (approximately 11 acres).
- Site Plan Approval to modify the site plan approved under Case No. ZON18-00362.
- Design Review Approval.

Rezoning and Proposed PAD Expansion

The Applicant is proposing to amend the existing PAD overlay to: **(1)** update the approved development standards; **(2)** expand the PAD boundary by rezoning the North-11, approximately 11 acres, from AG to HI PAD-AF and **(3)** modify the approved master site plan for the existing industrial facility.

The Property expansion is proposed to include a new automated storage and retrieval system ("ASRS") warehouse with associated office space, a new loading dock addition, a new solvent warehouse addition, a new outdoor material processing area with processing towers, a new outdoor storage/isotainer area with gantry crane, a new utility-owned substation, and supporting ancillary buildings such as a new guard shack, new mechanical equipment buildings, and new control room. The Property expansion will be constructed in Phases as outlined in subsequent sections of this document.

The proposed PAD expansion will incorporate the North-11 into the Property and the Applicant will design a master site plan as one parcel. By revising and expanding the PAD boundary, FUJIFILM will avoid future issues of having different zoning standards on different portions of the property.

Revised PAD Standards and Justifications

FUJIFILM is seeking to revise and update the modifications outlined in the existing PAD overlay approved under Rezoning Case No. Z17-002. The proposed development standards, which differ from the HI zoning district, are in **bold and highlighted** in the tables below.

Table 11-7-3: Development Standards – Employment Districts		
Standard	**HI Development Standard**	**Proposed HI PAD Development Standard**
Maximum Height (ft.)	50	**120 (Warehouse Buildings)** **86 (Processing Towers)**
Street-Facing Side Setback:	Freeways: 30 ft	**Freeways: 0 ft for existing and Phase II outdoor storage / isotainer parking area*** **Freeways: 15-ft within Future Development Area (Future Development) for Outdoor storage / isotainer parking area**
Perimeter Landscape Yards:	15-ft	**0 ft landscape yard adjacent to non-residential districts when fully screened by a solid wall***
Landscape Yard Quantities	Minimum of 1 Tree and 6 Shrubs per 25 Linear Feet of Street Frontage along Pecos Road and 'flagpole' access right drive aisle Minimum of three (3) non-deciduous trees and 20 shrubs per 100 linear feet of South property line within landscape yard.	**No minimum landscaping along Pecos Road and adjacent to non-residential districts along Pecos Road and 'flagpole' access right drive aisle.** ***Final landscape design and quantities along Signal Butte Rd to be approved by City Staff.**
Landscape Islands, quantity:	1 per 8 spaces	**1 per 16 spaces**
Landscape Islands, dimensions (ft.):	8 (wide) x 15 (long) for single-row 8 (wide) x 30 (long) for double-row	**Single-Row: 6 (wide) x 18 (long)** **Double-Row: 6 (wide) x 36 (long)**
Covered Parking Canopy, Maximum Length:	15 spaces	**16 spaces***

Table 11-7-3: Development Standards – Employment Districts		
Standard	**HI Development Standard**	**Proposed HI PAD Development Standard**
Required Parking, Per Special Use Permit Case No. ZON18-00362:	Existing Facility 1 space per 1.5 warehouse or production workers based on the 2 largest shifts. 1 space per 300 sf administration / office Total Required Parking = 387 spaces	**1 space per 1.5 warehouse or production workers based on the 2 largest shifts.** **1 space per 300 sf administration / office spaces** **Total Required Parking = 483 spaces***
Massing and Scale	Publicly visible walls exceeding 50 feet must include at least two (2) of the following: change in plane, change in texture or masonry pattern, windows, trellis with vines, or an equivalent element that subdivides the wall into human scale proportions	**Publicly visible walls exceeding 50 feet will include a change in texture or pattern such as varying types of insulated metal panels, or an equivalent element, that subdivides the wall into human scale proportions.**
Materials and Colors	a. facades shall incorporate at least three (3) different and distinct materials. b. No more than fifty percent (50%) of the total façade may be covered with one (1) single material. c. Buildings larger than 10,000 square feet shall be finished with more than one (1) color on all elevations that are visible from public streets.	**a. Facades shall incorporate at least two (2) visually distinct materials.** **b. Up to eighty percent (80 %) the total façade may be covered with one (1) single material, if varying types/colors are included to provide visual differences.** c. Buildings larger than 10,000 square feet shall be finished with more than one (1) color on all elevations that are visible from public streets.
Screening of Ground-mounted Equipment	Ground-mounted equipment facing a street or not otherwise separated from the street by intervening building(s) shall be screened to a height of at least 12 inches above the equipment	**The processing towers ("Melville") may be open scaffolding and piping.**

Table 11-7-3: Development Standards – Employment Districts		
Standard	**HI Development Standard**	**Proposed HI PAD Development Standard**
Maximum Height of Lighting Fixtures: All other non-residential districts.	Within 50 feet of any street frontage: 20 ft. Within 50 feet of a residential district: 15 ft. Any other location: 25 ft.	**Any other location: 65 ft.**
Maximum Perimeter Wall Height	8-feet	**16-ft when adjacent to utility infrastructure**
Barbed wire, razor wire, etc.	Prohibited	**Permitted when the wire is facing inward toward the property and not toward the ROW.**
*Mirrored from current PAD Development Standards or existing conditions		

The items below provide a description of and justification for the proposed revisions to the approved PAD modifications that will be applied to the Property, including: **(1)** the existing facility; **(2)** the West 20; and **(3)** the North-11.

1. The Applicant proposes an enhanced streetscape along the Signal Butte Road frontage with a xeriscape landscape area. The Site Plan includes a 120,000 SF retention area that will create an attractive foreground for vehicle and pedestrian traffic. The new enhanced landscape area will serve as the primary focus of eastbound drivers along SR-24 and southbound drivers along Signal Butte Road.
2. A new 15-ft landscape buffer will be included along SR-24, between Signal Butte Road and the proposed outdoor storage/isotainer parking area. The Applicant requests a permanent reduction in the landscape setback requirement along the remaining portion of the North property line adjacent to SR-24. Working with City Staff, the request mimics the existing conditions of an 8-ft tall block wall along the North property line and allows the proposed outdoor storage/isotainer parking area to be extended adjacent to SR-24. This reduction would also bring the existing built conditions into compliance based on the PAD development standards.
3. The Applicant requests to increase the lighting heights, The light fixtures will be downward facing and shielded to prevent light spillage and glare on neighboring properties and residential areas.
4. The proposed site plan removes the required perimeter landscape yards adjacent to other non-residential districts due to the perimeter screen wall and onsite industrial uses. This request will ensure the existing facility complies with the proposed standard. Please note, the applicant will include some interior landscaping along the south property line of the West-20 between the drive aisle and perimeter wall.
5. The Applicant requests removing landscaping islands within the isotainer parking areas to eliminate unnecessary obstructions for the safe and efficient handling of the isotainers.

6. The two banks of processing towers (also known as “Melville”) are not typical ground-mounted equipment in the same manner as accessory equipment such as generators or Heating Ventilation, Air Conditioning (“HVAC”) units. The Melville Towers are an essential industrial use integrated into the existing FUJIFILM facility. Applying any sort of sheeting or paneling to the scaffolding or piping would create a significant safety hazard and drastically impair the efficiency of the processing equipment.
7. In order to better and more efficiently administer future development of the Property, the revised PAD development standards, such as a new maximum building height limit of 120-ft, will be applied across the entire Property.
8. With the nature of the existing facility’s operations, the manufacturing and storage functions require uniquely large footprints to accommodate their intended use. The actual number of employees required to operate and support the facility is not commensurate to the parking demands within the Mesa Zoning Ordinance. The Applicant requests to permanently incorporate parking reductions into the revised PAD standards, matching the condition approved as part of a Special Use Permit Case No. ZON18-00362.

Proposed Parking Calculation

The Mesa Zoning Ordinance ("MZO") currently regulates parking requirements based on the building area of each different use. However, the City of Mesa utilized the City of Phoenix Zoning Ordinance (Section 702.C Parking Requirements) as a guide for the Special Use Permit ("SUP") parking calculation approved under Case No. ZON18-00362 to regulate parking using employee counts for the highest populated shifts onsite. Per Case No. ZON18-00362, the FUJIFILM shall provide 1 space per 300 SF of administration space plus 1 space per 1.5 warehouse or production workers.

The current parking area, located east of the existing facility, includes 423 standard and accessible parking spaces. The Applicant is proposing an additional 97 parking spaces along Mountain Road to be constructed during the phase in which the required parking exceeds the existing parking provided. Refer to calculations below.

<u>Existing Facility, per ZON18-00362</u>
49,489 (office space) SF/ 300 = 165 spaces
148 production or warehouse workers * 1.5 = 222 spaces
Total Parking Required Per ZON18-00362 = 387 spaces
Existing Parking Provided = 423 spaces

<u>Proposed Expansion</u>
23,110 (office space) SF/ 300 = 78 spaces
12 production or warehouse workers * 1.5 = 18 spaces
Total Parking Required Per ZON18-00362 = 96 spaces
Proposed New Parking to be Provided = 97 spaces

Existing and Proposed Parking <u>Required</u> = 483 spaces
Total Existing and Proposed Parking <u>Provided</u> = 520 spaces

After the Phase 2 expansion is complete, Fuji anticipates approximately 443 total employees, of which 183 work in production and 260 work in administration. This facility is a 24/7 operation with shifts consisting of front-end days, front-end nights, back-end days and back-end nights. If the facility runs more than 1 shift a day, employee count will be based on the two largest shifts, approximately 160 production employees.

Existing and Proposed Site Plan

The proposed Development modifies the site plan previously approved under Zoning Case No. Z18-00362 to meet growing industrial production demands.

FUIJIFILM currently operates an industrial complex consisting of a total of 365,554 SF of warehouse buildings, offices, operations buildings, and canopies. The existing buildings are labeled A through R on the Project Data Sheet (Sheet A.01) and Architectural Site Plan (Sheet A.02) of the submittal packet as follows:

Existing Buildings

A. Thin Films Building and Canopy: ±40,563 SF
B. Electrical Building: ±250 SF
C. Central Plant Building: ±8,053 SF
D. Raw Materials Warehouse and Canopy: ±29,772 SF
E. Manufacturing Building and Canopies: ±60,548 SF
F. Finish Goods Warehouse: ±65,318 SF
G. Solvent Storage Building and Canopies: ±11,458 SF
H. Foam Building, Pump House, and Mechanical Canopy: ±1,877 SF
I. DI/Waste Water Canopy: ±2,009 SF
J. Bulk Tank Canopy: ±26,287 SF
K. Raw Materials Warehouse Building Addition: ±8,400 SF
L. 'X' Lab Building: ±11,233 SF
M. Main Building: ±32,453 SF
N. Solvent Building Addition: ±4,326 SF
O. Finished Good Addition: ±25,515 SF
P. Isotainer Maintenance Shop: ±31,725 SF
Q. UPW Equipment Canopy: ±4,125 SF
R. Mechanical Equipment Canopy: ±4,125 SF

Proposed Phasing Plan

The scope of this expansion project will be developed over 2 phases, which will include construction of the new tank farm with chillers, control room, equipment canopy, and processing towers (also known as “Melville”), additional container parking, ancillary buildings for operational support, and five new building structures, totaling approximately ±86,455 SF. The proposed site plan also includes space allocated for a future publicly-owned utility substation and a future manufacturing/warehouse area with associated parking, and an unallocated space for future development. While the exact use and size of the buildings have not yet been determined, FUJIFILM is forward-thinking by reserving areas of the Property for future development. The phasing plan is shown on Sheet A0.4.

Phase One

Phase One of the proposed site plan will include a new shared driveway at Signal Butte Road, a new retention basin landscaped with a native plant palette and sized to accommodate proposed and future development of the West-20 and North-11, site walls, and a new internal circulation layout. Expanding the industrial facility will include constructing the following buildings and structures, as labeled on the Project Data Sheet (Sheet A0.1A) and shown on Architectural Site Plan (Sheet A0.2) of the submittal packet.

Proposed Buildings and Structures

14. CONTROL ROOM BUILDING: ±940 SF
15. EQUIPMENT CANOPY: ±1,550 SF (HALF BUILT IN PHASE 1 AND HALF BUILT IN PHASE 2)
    CHILLERS
    PIPE RACKS / PIPE BRIDGE
    MELVILLE 1 (TANK FARM, HIGH PROCESSING TOWER, AND HIGH STAIR TOWER) (PORTION BUILT IN PHASE 1 AND REMAINDER BUILT IN PHASE 2)
    NEW PERIMETER WALL
    NEW UTILITY SUBSTATION WALL (3-SIDES)
    NEW RETENTION BASIN AND LANDSCAPING
    NEW DRIVEWAY FROM SIGNAL BUTTE
    NEW GRAVEL DRIVE AISLE (FIRE ACCESS)

Additionally, portions within the West-20 and the North-11 will be reserved for Phase 2 of the proposed expansion and future development. These areas will largely remain undisturbed with natural grading and desert landscaping. Any areas that will be disturbed that are not intended for development within Phase I will be replanted with native seeding / vegetation. FUJIFILM will also install a new asphalt drive aisle along the east and north portions of Melville 1 and gravel paving, in compliance with dust control requirements, for the construction of Phase One. The gravel road will then remain for secondary emergency access and outline the future expansion areas as shown on the Architectural Site Plan. All vehicle traffic for facility operations during Phase One will be on existing or new paved surfaces with freight ingress/egress from the drive aisle that connects to East Pecos Road. As part of Phase 1, the new gravel drive aisle will be reserved for fire access to connect to South Signal Butte Road.

Phase Two

Phase Two of the proposed site plan will include paving the circulation paths laid out in Phase one. The new proposed buildings that will be constructed in Phase 2 are labeled 12 through 16, and 21A and 21D, on the Project Data Sheet (Sheet A0.1B) and Architectural Site Plan (Sheet A0.3) of the submittal packet as follows:

Proposed Buildings

12. AUTOMATED STORAGE RETRIEVAL SYSTEM WAREHOUSE ("ASRS"): ±65,305 SF
13. GUARDHOUSE BUILDING: ±435 SF

15. EQUIPMENT CANOPY: ±1,550 SF (HALF BUILT IN PHASE 1 AND HALF BUILT IN PHASE 2)
16. FILTER ROOM BUILDING: ±3,040 SF

21A. LOADING DOCK ADDITION: ±2,280 SF

21D. SOLVENT STORAGE EXPANSION: ±4,645 SF

MELLVILLE 1 (TANK FARM, HIGH PROCESSING TOWER, AND HIGH STAIR TOWER) (PORTION BUILT IN PHASE 1 AND REMAINDER BUILT IN PHASE 2)
MELVILLE 2 (TANK FARM, HIGH PROCESSING TOWER, AND HIGH STAIR TOWER)
NEW CONTAINER PARKING (PAVED)
NEW GANTRY CRANE
REPLACE GRAVEL EMERGENCY (FIRE ACCESS) DRIVE AISLE WITH NEW ASPHALT PAVING

Phase 2 includes additions and interior modifications to the main facility including the modification of interior portions of the existing Finished Goods Warehouse, expansion of the Solvent Warehouse, a new Loading Dock Addition, and a new Automated Storage and Retrieval System ("ASRS") Warehouse to the west of the existing Finished Goods Warehouse. Part of the ASRS Warehouse will be dedicated to office functions. A portion of the ASRS Warehouse will be located on the North-11 portion of the Property, which the Applicant proposes to rezone as part of this PAD amendment.

The site plan modifications also include expanding the existing isotainer parking along the north property line in the North-11 boundary and a gantry crane to stack empty isotainers in preparation for them to be filled. The Applicant intends to stack two (2) full isotainers and five (5) empty isotainers using the new gantry crane. Additional parking for the new buildings will be located on the southeast side of the Property, directly south of the existing personnel parking lot.

At the completion of Phase 2, the West-20 portion of the site will include two the new tank farms and associated processing towers (also known as "Melville"), additional container parking, and ancillary buildings for operational support. Ancillary buildings include a new guard shack and associated truck scales, a new electrical building for the motor control center gear, a new two-story process building within the tank farm area containing final filtration equipment, and a new control room.

Future Development

Future development of the Property includes a proposed utility substation and two future manufacturing/warehouse areas. One future manufacturing/warehouse area will be along the south border of the West-20. The other future expansion area will be along the western portion of the North-11, along the SR-24. Future expansions proposed by FUJIFILM will be compatible with the existing facility and consistent with the proposed expansion facilities outlined in this request. The Applicant will coordinate the design and permitting process with the utility provider with a future development application. Additionally, the utility substation and additional Melville tank farms with processing towers, and future manufacturing building expansion will comply with the requirements in Section 11-69-4(A) Eligibility for Administrative Review AND 11-69-7

Modifications To Approved Site Plans of the MZO. In order to ensure eligibility for an administrative review, the future design will include the following.

1. Compliance with the Mesa Gateway Strategic Plan and MZO.
2. Compliance with the PAD approved for the Property.
3. The future development request will not request a rezoning or amendment to the PAD approved for the Property.
4. The future development will not adversely impact the adjacent parcels.

V. DESIGN REVIEW

As an industrial development with a design with a gross floor area greater than 20,000 square feet, the City requires the Applicant to submit for formal review by the Design Review Board ("DRB"). The overall character of the development utilizes materials and forms that are influenced by the architectural character found in the existing facility and complies with the building form requirements in the MZO.

Mesa Quality Development Design Guidelines

The overall design complies with "Site Design" and "Architectural Design" sections of Chapter 5-Industrial in the Mesa Quality Development Design Guidelines. The Applicant proposes to use similar design and materials as the existing building to integrate the new construction into the campus.

A. Site Design

1. Building Placement and Orientation. The facility expansion is comprised of building additions that will physically connect to the existing structure on the west side of the facility. The ASRS Warehouse (Building #012) and Loading Dock Addition (Building #21A) will be attached to the north and west sides of the existing Finished Goods Warehouse. The Solvent Warehouse Expansion (Building #21D) will be attached to the north side of the existing Solvent Warehouse Addition. A new Guard House (Building #013) will be used to control new truck access from Signal Butte.

   The Melville tank farm and associated support buildings and equipment canopies are located to the west of the existing facility close to the central portion of the Development to minimize visibility from the adjacent roadways along Mountain Road with an 8-ft screen wall and large retention area adjacent to Signal Butte Road. All new construction adheres to the minimum front setback requirements along both streets.

   The southern portion of the property is reserved for a new utility substation, surrounded by a 14-ft high masonry wall and a future manufacturing building and parking expansion area.

2. Parking, Loading, and Vehicular Access. The proposed site plan provides additional parking within the Development along Mountain Road and internally within the West 20 as a future parking lot. Loading and service areas are screened from the public ROW. Additional truck access to the site will be provided from the west side of the property at a new entry along Signal Butte Rd. The new entry is proposed as a shared drive with the property to the south. A future three-spur rail line, which is not part of this request, is shown to anticipate future transportation options for FUJIFILM's goods.

   The Development also proposes to expand the isotainer parking along the northern portion of the property. Additional container parking will be located on the western half of the development.

3. Landscaping and Shading. The arterial street intersection frontage includes sufficient hardscape and landscape features, utilizing the large retention areas. FUJIFILM recently completed a landscape enhancement to the main entry of the facility for employees to enjoy, which is sized to accommodate the additional proposed expansion per the City of Mesa common space calculation requirements. Due to the industrial nature of this development, the outdoor spaces are used primarily by employees for sitting, eating, and gathering areas. Located in the general access areas of the campus to ensure they are safe and readily accessible for employees, these areas are adjacent to each of the three entrances for each recently revised building and include shade, seating, bicycle parking, and trash receptacles. The new enhanced landscaping along Signal Butte Road serves as the passive open space area and attractive frontage along a major intersection.

4. Exterior Lighting. Entries use accent lighting to not only create a focal point but also a sense of security. Parking lot and interior lighting fixtures are downward facing, designed to enhance and illuminate the Property while minimizing the night sky pollution.

B. Architectural Design

1. General Design. The architectural design for the proposed project will complement and be consistent with the existing industrial uses in the area and the current FUJIFILM facility. The various components of the project will contain building elevations that are consistent with the City's goal for high quality development and in keeping with the surrounding industrial community.

   The exterior architectural character of the building expansions will complement the adjacent commercial and industrial properties. Since the building expansions are primarily located behind the main facility and in the central portion of the property, extra attention is provided to the portions of the expansions that will be visible from the surrounding streets and freeways. The material palette for these buildings will consist of commonly used materials for commercial and industrial building types and is consistent with the existing facility.

2. Entrances. The existing facility recently updated and improved the public entrances, located along Mountain Road by adding pedestrian walkways that includes lighting, decorative hardscapes, and prominent landscaping. An additional entrance to the property will be added to Signal Butte Road.

3. Massing and Scale. The proposed expansion area is centrally located within the large 56-acre site to ensure the larger warehouses and Melville tank farm is fully separated from property lines and public rights-of-way to reduce the impact of massing and scale.

   Since the height and mass of the ASRS Warehouse makes it visible from SR-24 and will be primarily viewed by occupants traveling on the freeway, the massing of the exterior façade is broken into intersecting masses viewed on the urban scale.

   The top massing of the ASRS Warehouse is dedicated to the warehousing system and not occupied by personnel. To break up a seemingly large mass on the horizon, rectangular shapes of varying types of insulated metal panels are juxtaposed on the façade to add visual interest in an energy efficient and constructable way.

4. Facade Articulation. The base of the ASRS will be smooth concrete consistent with the rest of the facility. Windows will be provided on the south side of the facility to maximize daylighting for the office occupants. To elongate the appearance of the windows into ribbons and provide a textural element, a form liner will be applied to the concrete and painted in a dark grey to match the existing facility (Dunn Edwards #DE 6376 "Looking Glass").

   Sun shading devices are employed over the ribbon windows for energy efficiency and will mimic the sun shading devices in design and character as the existing facility. A projecting cornice at the top of the upper ASRS warehouse provides additional height variation and interest at the roofline. Where mechanical equipment is proposed, the equipment will be screened by the concrete parapet of the building.

   Ancillary buildings on the site will be consistent with the concrete facades of the existing facility. The processing towers and nontypical ground-mounted equipment will maintain the open scaffolding façade and reflect the character of other processing towers in the vicinity. Applying any sort of sheeting or paneling to the scaffolding or piping would create a significant safety hazard and drastically impair the efficiency of the processing equipment.

5. Materials and Colors. The exterior building material for all the warehouse additions will match the existing exterior color and wall design, consisting of painted (Dunn Edwards # DEW340 “Whisper”) smooth precast concrete wall panels.

   The primary façade material of the ASRS warehouse consists of an insulated metal panel with a white textured stucco finish and a staggered joint pattern, which mimics

a stucco or EFIS finish. This material meets the City's goal of limiting the appearance of metal panels on the façade. The textured metal panels are accented by prominently ribbed metal panels in a slate gray color that provides a textural element with the same language as the form lined panels between the windows and at the existing visitor's entry. Projecting vertical fins in a smooth metal panel in dark grey march across the façade, creating shadow lines and a more three-dimensional façade, which ties back to the character of the existing facility.

VI. PRELIMINARY PLAT

FUJIFILM intends to combine Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y into a single parcel prior to developing the Phase 1 expansion. The proposed Preliminary Plat is included with this development application is filed in Case No. ZON25-00715. The City Council approved the easement abandonment request, Case No. 25-V05, to abandon the Easement. The Applicant will file a subsequent development application with the City of Mesa for a Final Plat.

VII. CONCLUSION

The proposed Development is in conformance with the General Plan 2040 goal to increase employment opportunities in Southeast Mesa and develop prior farmland sites into viable industrial areas to serve the existing and future population growth. FUJIFILM will inject more high-demand industrial jobs into this area and help address the balance between jobs and housing near the Mesa Gateway Airport. The Development fills the significant need for job creation and the high-quality design will become a benefit for this community.

LANDSCAPE NOTES

1. LOCATE UTILITIES PRIOR TO COMMENCING LANDSCAPE OPERATIONS. ALL TREES SHALL BE FIELD POSITIONED AS TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS OR OBSTRUCTIONS.

2. CONTRACTOR SHALL STAKE ALL PLANTING AREAS IN THE FIELD PRIOR TO PLANTING FOR APPROVAL OF THE OWNER OR THEIR REPRESENTATIVE.

3. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES PRIOR TO PLANTING. ANY DISCREPANCIES WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE PLAN QUANTITIES SHALL SUPERCEDE SCHEDULED QUANTITIES.

4. ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY AND SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 THE 'AMERICAN STANDARD FOR NURSERY STOCK'.

5. TOPSOIL MIX: ASTM 5268, PH RANGE OF 5.5 TO 7%, MINIMUM OF 4% ORGANIC MATERIAL. SOIL SHALL BE FREE OF STONE ½" OR LARGER IN ANY DIMENSION, SUBSOIL, CLAY LUMPS, ROOTS, BRUSH, WEEDS, WEED SEED, AND OTHER EXTRANEOUS OR TOXIC MATERIALS HARMFUL TO PLANT GROWTH. CONTENTS OF SOIL SHOULD CONTAIN NO MORE THAN 15% SILT AND 15% CLAY. SOIL SHOULD ALSO CONTAIN NO LESS THAN 40% SAND. TOPSOIL SOURCE SHALL BE FROM ON-SITE MATERIALS; IF ON-SITE SOURCE IS UNAVAILABLE, SUPPLEMENT WITH IMPORTED TOPSOIL FROM A PRE-APPROVED SOURCE. ALL IMPORTED TOPSOIL MIXES SHALL BE TESTED BY THE CONTRACTOR AND APPROVED BY THE OWNER PRIOR TO INSTALLATION.

6. PREPARE PLANTING BEDS AND INCORPORATE AMENDMENTS AS FOLLOWS:
   - 6.1. PLANTING BEDS:
     - 6.1.1. LOOSE PEAT HUMUS BY VOLUME: 1 PART
     - 6.1.2. WELL-ROTTED COMPOSTED MANURE BY VOLUME: 1 PART
     - 6.1.3. TOPSOIL (AS DEFINED IN NOTE 13): 2 PARTS
     - 6.1.4. FERTILIZER: 3 LBS./100SF
   - 6.2. BACKFILL FOR TREES
     - 6.2.1. LOOSE PEAT HUMUS BY VOLUME: 1 PART
     - 6.2.2. WELL-ROTTED COMPOSTED MANURE BY VOLUME: 1 PART
     - 6.2.3. TOPSOIL (AS DEFINED IN NOTE 5): 3 PARTS
     - 6.2.4. FERTILIZER: AGRIFORM TABLET (OR APPROVED EQUAL) PER MANUFACTURERS RECOMMENDATION

7. DECOMPOSED GRANITE SHALL BE USED AS A THREE INCH (3") TOP DRESSING IN ALL PLANTING BEDS, AND AROUND ALL TREES. SINGLE TREES AND SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER.

8. ALL TREES SHALL BE STAKED PER DETAIL.

9. ALL PLANT MATERIAL SHALL BE INSTALLED TO ALLOW A ONE FOOT (1') CLEARANCE BETWEEN PLANT AND ADJACENT PAVEMENT.

10. THE LANDSCAPE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL THE SITE IS FREE OF DEBRIS CAUSED BY ON-GOING CONSTRUCTION OPERATIONS. REMOVAL OF DEBRIS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. LANDSCAPE WORK SHALL NOT BEGIN UNTIL THE LANDSCAPE ARCHITECT AND OWNER HAVE GIVEN WRITTEN APPROVAL FOR SUCH. THERE SHALL BE NO DELAYS DUE TO LACK OF COORDINATION FOR THIS ACTIVITY.

11. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.

12. ALL LANDSCAPE SHALL BE MONITORED AND MAINTAINED BY THE LANDSCAPE CONTRACTOR; REFER TO MAINTENANCE NOTES THIS SHEET.

13. CONTRACTOR SHALL WARRANTY ALL LIVING PLANTING MATERIAL (INCLUDING BUT NOT LIMITED TO TREES, SHRUBS, & GROUNDCOVERS) FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF SUBSTANTIAL COMPLETION, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE, NEGLECT, OR ABUSE BY THE OWNER, ABNORMAL WEATHER CONDITIONS UNUSUAL FOR WARRANTY PERIOD OR INCIDENTS THAT ARE BEYOND THE CONTRACTOR'S CONTROL.

LANDSCAPE MAINTENANCE

GENERAL LANDSCAPE

1. BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING. MAINTENANCE SHALL CONTINUE FROM INSTALLATION TO THE TIME OF SUBSTANTIAL COMPLETION, AND FOR NO LESS THAN 60 DAYS AFTER SUBSTANTIAL COMPLETION.

2. CONTRACTOR SHALL SUPPLY THE OWNER A WEEKLY LOG OF MAINTENANCE ACTIVITY BEGINNING AFTER PLANTING CONTINUING THROUGHOUT THE ENTIRE MAINTENANCE PERIOD.

3. ALL LANDSCAPE SHALL BE, AT A MINIMUM, INSPECTED ONCE PER WEEK BY THE CONTRACTOR THROUGHOUT THE MAINTENANCE PERIOD.

4. LANDSCAPE WORK MAY BE OBSERVED FOR ACCEPTANCE IN PORTIONS AS AGREEABLE TO THE OWNER OR LANDSCAPE ARCHITECT, PROVIDED EACH PORTION OF WORK OFFERED FOR OBSERVATION IS COMPLETE, INCLUDING MAINTENANCE. SUBSTANTIAL COMPLETION WILL NOT BE CONSIDERED UNTIL ALL LANDSCAPING HAS BEEN INSTALLED PER THE CONTRACT.

TREES AND SHRUBS

1. MAINTAIN TREES AND SHRUBS BY PRUNING, WATERING, CULTIVATING, MULCHING, AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKE AND GUY SUPPORTS AND RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.

2. WATER TREES AND SHRUBS WEEKLY TO A DEPTH EQUAL TO THE SIZE OF THE ROOTBALL OR CONTAINER WHEN PLANTED. SOIL SHOULD BE KEPT MOIST BUT NOT OVERLY SATURATED. DURING TIMES OF DROUGHT OR EXTREME HEAT, CONTRACTOR SHALL WATER ENOUGH TO SUSTAIN PLANT LIFE. THE USE OF WATER BAGS SHALL BE APPROVED BY THE OWNER PRIOR TO USE AND DOES NEGATE THE CONTRACTOR FROM INSPECTIONS OR ROUTINE MAINTENANCE.

3. RESTORE OR REPLACE DAMAGED WRAPPINGS

4. SPRAY AS REQUIRED TO KEEP TREES AND SHRUBS FREE FROM DISEASE AND INSECTS.

SEED NOTES

1. NATIVE SEEDING SHALL OCCUR ONLY IN SPRING BETWEEN MAY 1ST AND JUNE 15TH. SEEDING AT OTHER TIMES WILL REQUIRE A COVER CROP APPROVED BY THE LANDSCAPE ARCHITECT AND CITY CODE.

2. GRADED AREAS SHALL PROVIDE A SMOOTH UNIFORM SLOPE, FREE FROM RILLS AND GULLEYS.

3. THE TOP FOUR INCHES OF SOIL SHALL BE FERTILE SOIL SUITABLE FOR SEED GROWTH.

4. PRIOR TO APPLICATION OF SEED, CONTRACTOR SHALL LOOSEN ALL SOILS TO A DEPTH OF ONE INCH. THE AREA SHALL BE RAKED FREE OF ALL ROCKS AND DETRITUS OF A SIZE LARGER THAN THREE INCHES.

5. ALL AREAS TO BE SEEDED LOCATED ON SLOPES STEEPER THAN 4:1 (H:V) SHALL USE SPECIFIED EROSION CONTROL BLANKET (ECB). CONTRACTOR TO VERIFY AND INSTALL ON ALL SLOPES EXCEEDING 4:1 AFTER FINAL GRADING IS ESTABLISHED.

6. ALL SEEDED ARES SHALL BE DRAGGED OR RAKED BEFORE BEING COVERED WITH THE SPECIFIED EROSION CONTROL, AND SHALL BE PLACED PRIOR TO EXPOSURE TO ADVERSE WEATHER.

7. THE CONTRACTOR MUST PROVIDE THE OWNER'S REPRESENTATIVE DOCUMENTATION FROM THE SUPPLIER THAT EACH LOT OF SEED MEETS OR EXCEEDS THE SPECIFIED STANDARD.

8. ALL SEED MUST BE TESTED BY A REGISTERED SEED TECHNOLOGIST PER AOSA METHODS AND MEET ALL REQUIREMENTS ESTABLISHED BY THE ARIZONA DEPARTMENT OF AGRICULTURE.

9. AFTER COMPLETION OF WORK, CONTRACTOR SHALL WATER SEEDED AREAS DAILY. SATURATING THE MAT AND UNDERLYING SEED BED. CONTRACTOR SHALL CONTINUE WATERING UNTIL PLANT ESTABLISHMENT HAS OCCURRED OR BY NOTIFICATION FROM LANDSCAPE ARCHITECT. NOT WATERING DUE TO RAIN EVENT SHALL BE DOCUMENTED AND SUBMITTED TO THE LANDSCAPE ARCHITECT.

NATIVE SEED SOIL NOTES

1. TOPSOIL
   - A. TOPSOIL: ASTM D 5268, PH RANGE OF 5.5 TO 7.4 PERCENT ORGANIC MATERIAL MINIMUM, FREE OF STONES 1/2 INCH (25 MM) OR LARGER IN ANY DIMENSION, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.
   - B. TOPSOIL SOURCE: REUSE SURFACE SOIL STOCKPILED ON THE SITE. VERIFY SUITABILITY OF SURFACE SOIL TO PRODUCE TOPSOIL MEETING REQUIREMENTS AND AMEND TO ACHIEVE REQUIRED PH AND ORGANIC CONTENT AS NECESSARY AND RECOMMENDED THROUGH SOIL TESTS. CLEAN TOPSOIL OF ROOTS, PLANTS, SODS, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. SOIL SHALL NOT CONTAIN MORE THAN 20 STONES OR OTHER FOREIGN MATERIAL LESS THAN 1 INCH (25 MM) IN DIAMETER IN ANY ONE SQUARE YARD AREA.

2. SOIL AMENDMENTS
   - A. LIME: ASTM C 602, CLASS T, AGRICULTURAL LIMESTONE CONTAINING A MINIMUM 80 PERCENT CALCIUM AND MAGNESIUM EQUIVALENT, WITH A MINIMUM 90 PERCENT PASSING A NO. 8 SIEVE, A MINIMUM 75 PERCENT PASSING A NO. 60 SIEVE, AND 100% PASSING A NO. 100 SIEVE.
   - B. PEAT HUMUS: SHREDDED HORTICULTURAL GRADE SPHAGNUM PEAT MOSS, 90% ORGANIC MOSS PEAT, WITH ASH CONTENT OF 10% OR LESS, BROWN IN COLOR.
   - C. MANURE: WELL-ROTTED, UNLEACHED STABLE OR CATTLE MANURE CONTAINING NOT MORE THAN 25 PERCENT BY VOLUME OF STRAW, SAWDUST, OR OTHER BEDDING MATERIALS; FREE OF TOXIC SUBSTANCES, STONES, STICKS, SOIL, WEED SEED, AND MATERIAL HARMFUL TO PLANT GROWTH.
   - D. WATER: POTABLE.

3. FERTILIZER
   - A. DO NOT USE FERTILIZERS IN NATIVE GRASS SEEDING AREAS.

4. STRAW MAT
   - A. PROVIDE A BIODEGRADABLE SINGLE NET, TWO-SIDED ORGANIC STRAW MAT WITH FUNCTIONAL LONGEVITY OF 10-12 MONTHS BY GREENFIX AMERICA, PRODUCT WS072 DOUBLE NET STRAW OR APPROVED EQUAL.

5. EROSION CONTROL
   - A. EROSION CONTROL BLANKET SHALL BE PRODUCED FROM 100% COCONUT COIR FIBER, BIODEGRADABLE DOUBLE JUTE NETTING, WITH 50% OPEN AREA, BIODEGRADABLE JUTE YARN THREAD, RATED FOR A 2 YEAR LONGEVITY RATING.
   - B. STAPLE OVER EDGES AND DRAPE OVERSIDES FOR OVERLAP FINISH, MINIMUM 6" OVERLAP REQUIRED.

6. MISCELLANEOUS MATERIALS
   - A. MYCORRHIZAL INOCULANT: THE SUBCONTRACTOR SHALL UTILIZE AN ORGANIC MYCORRHIZAL INOCULANT FOR EROSION REPAIR. THE MATERIAL SHALL BE GRANULAR GROLIFE OR APPROVED EQUAL. INOCULANTS SHALL BE USED PER MANUFACTURER'S SPECIFICATIONS.

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

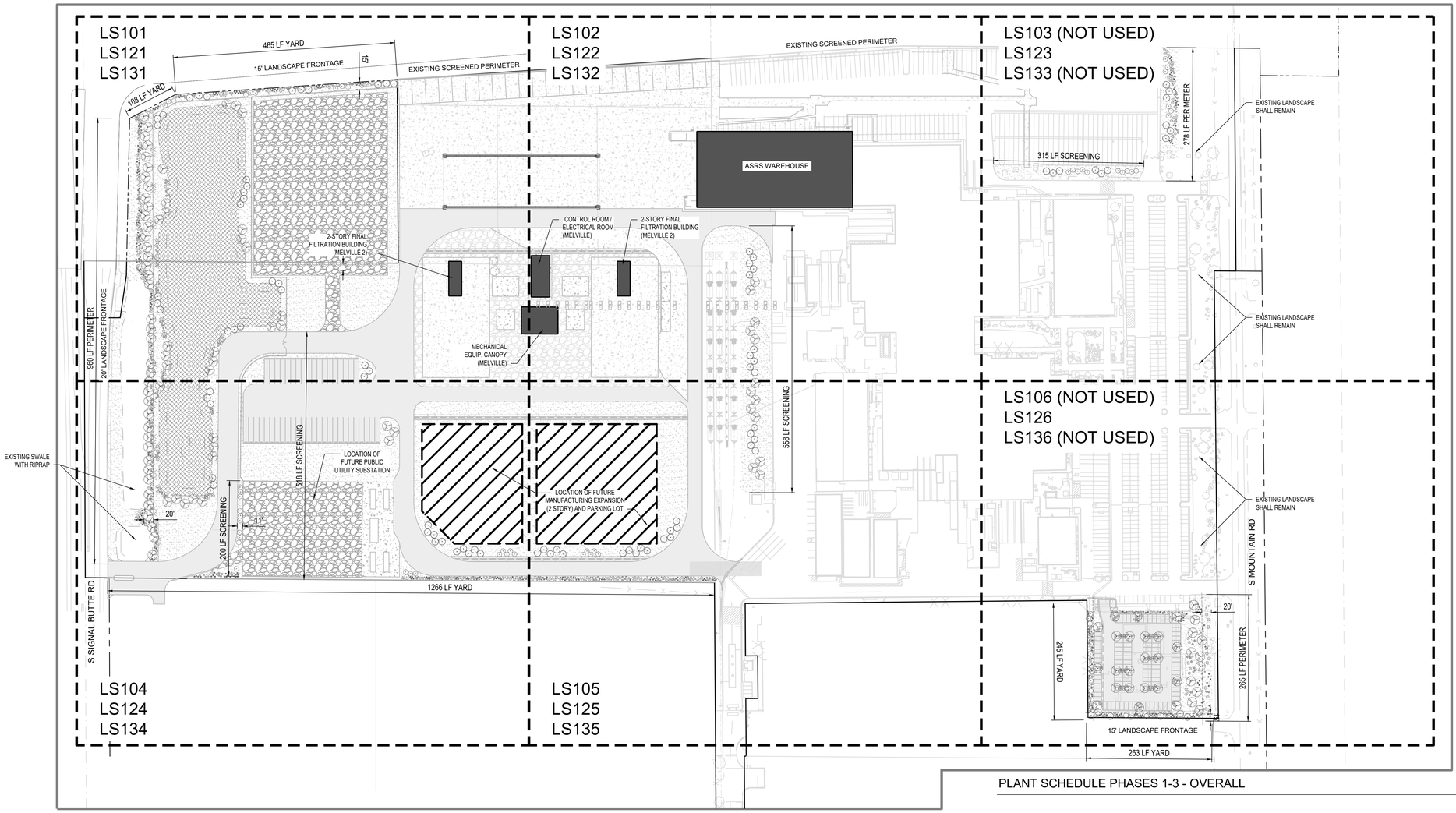
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816.333.9400
Burns & McDonnell Engineering Co, Inc.

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

LANDSCAPE NOTES

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	PROJ NO
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	NO SCALE

DRAWING
L-001
SHEET ---- OF ##



KEY PLAN

0 100' 200'

SCALE IN FEET

NORTH

CITY OF MESA LANDSCAPE REQUIREMENTS:

1. PERIMETER LANDSCAPING - 1 TREE & 6 SHRUBS PER 25 LF OF STREET FRONTAGE

   SOUTH SIGNAL BUTTE ROAD: 960 LF = 39 TREES & 234 SHRUBS REQUIRED
   PROVIDED: 39 TREES & 234 SHRUBS

   SOUTH MOUNTAIN ROAD 1: 265 LF = 11 TREES & 66 SHRUBS REQUIRED
   PROVIDED: 11 TREES & 66 SHRUBS

   SOUTH MOUNTAIN ROAD 2: 278 LF = 12 TREES & 72 SHRUBS REQUIRED
   PROVIDED: 12 TREES & 72 SHRUBS

2. SCREENING - 5 NON-DECIDUOUS TREES PER 100 LF OF ADJACENT PROPERTY LINE

   SOUTH SIGNAL BUTTE ROAD: 518 LF = 26 TREES REQUIRED
   PROVIDED: 26 TREES

   SUBSTATION: 200 LF = 10 TREES REQUIRED
   PROVIDED: 10 TREES

   RAIL YARD: 558 LF = 28 TREES REQUIRED
   PROVIDED: 28 TREES

   EXISTING PARKING AREA (NE CORNER OF SITE): 315 LF = 16 TREES REQUIRED
   PROVIDED: 16 TREES

3. LANDSCAPE YARD - 3 NON-DECIDUOUS TREES AND 20 SHRUBS PER 100 LF OF

   ADJACENT PROPERTY LINE.
   NW PROPERTY LINE: 573 LF = 18 TREES & 120 SHRUBS REQUIRED
   PROVIDED: 18 TREES & 120 SHRUBS

   SW PROPERTY LINE: 1,266 LF = 39 TREES & 260 SHRUBS REQUIRED
   PROVIDED: 39 TREES & 260 SHRUBS

   SE PROPERTY LINE (1): 245 LF = 9 TREES & 60 SHRUBS REQUIRED
   PROVIDED: 9 TREES & 60 SHRUBS

   SE PROPERTY LINE (2): 263 LF = 9 TREES & 60 SHRUBS REQUIRED
   PROVIDED: 9 TREES & 60 SHRUBS

4. PARKING LOT LANDSCAPE ISLANDS - 1 SHADE TREE & 3 SHRUBS FOR EVERY 15FT PARKING ISLAND

   SOUTH MOUNTAIN ROAD: 22 SHADE TREES & 66 SHRUBS REQUIRED
   PROVIDED: 22 SHADE TREES & 66 SHRUBS

5. OPEN SPACE - 50% OF ALL REQUIRED OPEN SPACE SHALL CONTAIN LIVE PLANT MATERIAL. SQUARE FOOTAGE CREDIT CALCULATIONS FROM TABLE 11-33-2-E.

   OPEN SPACE PROVIDED = 27,572 SF
   LIVE PLANT MATERIAL REQUIRED: 13,786 SF
   LIVE PLANT MATERIAL PROVIDED: 33,790 SF

BOTANICAL NAME	COMMON NAME	HxW (AT MATURITY)	TYPE	QTYxCREDIT SF	TOTAL
Olea europaea 'Swan Hill'	Swan Hill Olive	25'x25'	Evergreen	44x100	4,400
Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	Shade	39x50	1,950
Pinus eldarica	Afghan Pine	40'x20'	Evergreen	93x100	9,300
Pistacia chinensis	Chinese Pistache	30'x25'	Shade	33x50	1,650
Sophora secundiflora	Texas Mountain Laurel	15'x10'	Ornamental	61x25	1,525
Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	3'x3'	Small Shrub	259x10	2,590
Lantana x 'New Gold'	New Gold Lantana	3'x8'	Small Shrub	19x10	190
Leucopyllum laevigatum	Chihuahuan Sage	5'x6'	Med. Shrub	148x25	3,700
Muhlenbergia capillaris	Pink Muhly Grass	3'x3'	Ornamental	347x5	1,735
Russelia equisetiformis	Firecracker Plant	5'x5'	Med. Shrub	270x25	6,750
					33,790 SF

GENERAL NOTES

GENERAL NOTES:

1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
3. REFER TO LS100 SERIES FOR LANDSCAPE PLANS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BMP AREA
- DECOMPOSED GRANITE
- NEW HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL

PLANT SCHEDULE PHASES 1-3 - OVERALL

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE HxW (CANOPY AREA SF)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25' (491 SF)	24" Box, Multi	44
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25' (491 SF)	24" Box	39
	PE	Pinus eldarica	Afghan Pine	40'x20' (314 SF)	24" Box	93
	PC	Pistacia chinensis	Chinese Pistache	30'x25' (491 SF)	24" Box	33
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10' (79 SF)	24" Box	61

TOTAL PROPOSED LOT COVERAGE: 772,404 SF; TOTAL PROPOSED CANOPY COVERAGE: 90,977 SF = 12% OF TOTAL SITE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	259
	LN	Lantana x 'New Gold'	New Gold Lantana	5 gal.	Per Plan	19
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	148
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	347
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	270

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
BMP/RETENTION AREAS						
	AR	Acacia redolens	Prostrate Acacia	1 gal.	8' o.c.	88
	AS	Atriplex semibaccata	Australian Saltbrush	1 gal.	6' o.c.	113
	BC	Bouteloua curtipendula	Sideoats Grama	1 gal.	3' o.c.	4255
	LN	Lantana x 'New Gold'	New Gold Lantana	1 gal.	6' o.c.	198
	MC	Muhlenbergia capillaris	Pink Muhly Grass	1 gal.	3' o.c.	8916

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SEED RATE	QTY
NATIVE SEED - NATIVE SUN TURF SEED MIX FROM NATIVE AMERICAN SEED OR APPROVED EQUAL					34 LB/ACRE	
		Bouteloua dactyloides	Buffalograss	N/A		
		Bouteloua gracilis	Blue Grama	N/A		

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816 333 9400
Burns & McDonnell Engineering Co, Inc.

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

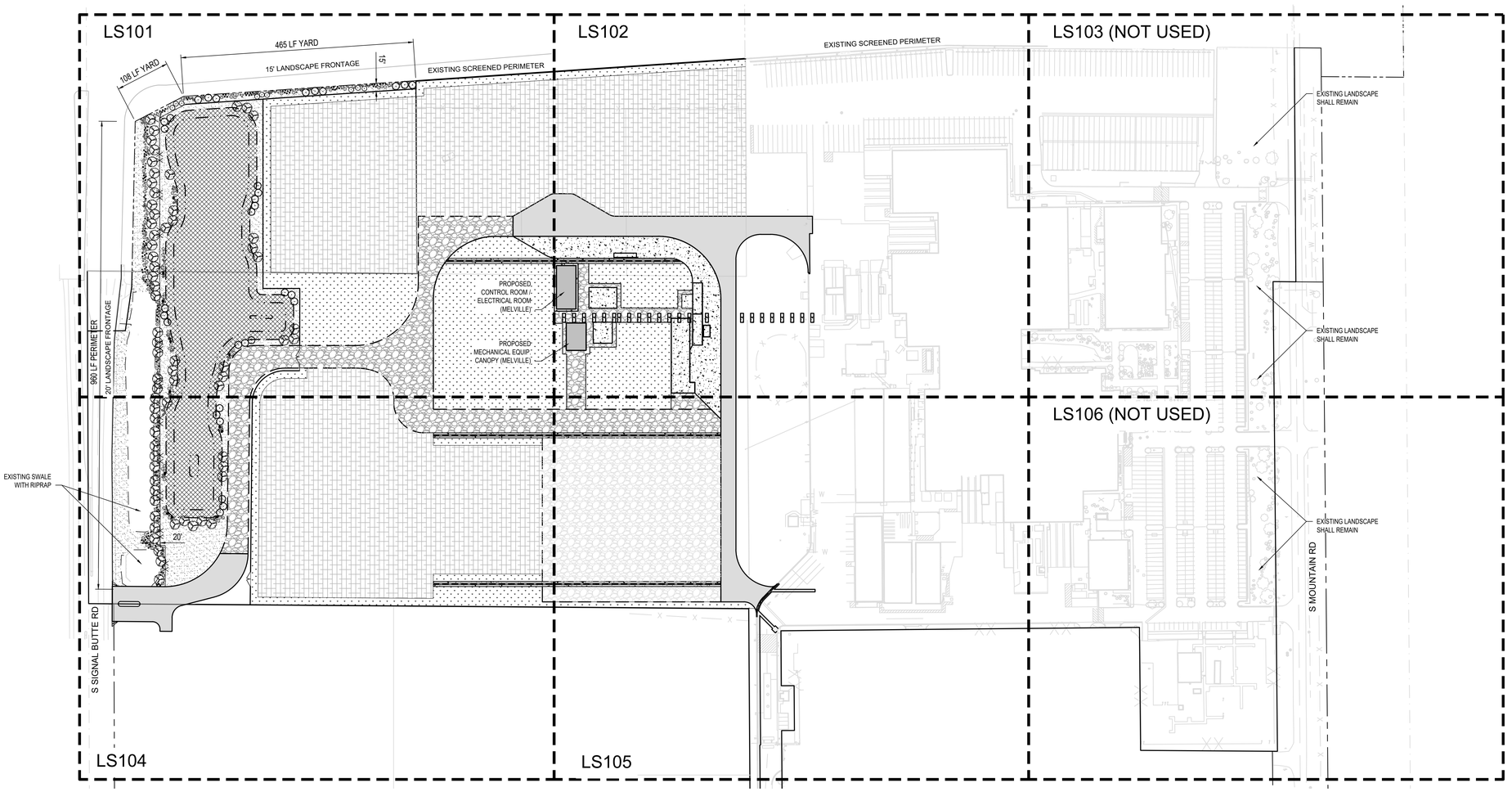
LANDSCAPE KEY PLAN

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	PROJ NO
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING

L-002

SHEET ---- OF ##



OVERALL LANDSCAPE PLAN - PHASE 1

0 100' 200'

SCALE IN FEET

NORTH

CITY OF MESA LANDSCAPE REQUIREMENTS:

1. PERIMETER LANDSCAPING - 1 TREE & 6 SHRUBS PER 25 LF OF STREET FRONTAGE

   SOUTH SIGNAL BUTTE ROAD: 960 LF = 39 TREES & 234 SHRUBS REQUIRED
   PROVIDED: 39 TREES & 234 SHRUBS

2. LANDSCAPE YARD - 15-FOOT YARD. 3 NON-DECIDUOUS TREES AND 20 SHRUBS PER 100 LF OF ADJACENT PROPERTY LINE.

   NW PROPERTY LINE: 573 LF = 18 TREES & 120 SHRUBS REQUIRED
   PROVIDED: 18 TREES & 120 SHRUBS

PHASE 1 PLANT SCHEDULE - OVERALL

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	28
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	24" Box	21
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	32
	PC	Pistacia chinensis	Chinese Pistache	30'x25'	24" Box	18
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	9

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	97
	LN	Lantana x 'New Gold'	New Gold Lantana	5 gal.	Per Plan	19
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	65
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	129
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	119

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
BMP/RETENTION AREAS						
	AR	Acacia redolens	Prostrate Acacia	1 gal.	8' o.c.	88
	AS	Atriplex semibaccata	Australian Saltbrush	1 gal.	6' o.c.	113
	BC	Bouteloua curtipendula	Sideoats Grama	1 gal.	3' o.c.	4255
	LN	Lantana x 'New Gold'	New Gold Lantana	1 gal.	6' o.c.	198
	MC	Muhlenbergia capillaris	Pink Muhly Grass	1 gal.	3' o.c.	8916

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SEED RATE	QTY
NATIVE SEED - NATIVE SUN TURF SEED MIX FROM NATIVE AMERICAN SEED OR APPROVED EQUAL					34 LB/ACRE	
		Bouteloua dactyloides	Buffalograss	N/A		
		Bouteloua gracilis	Blue Grama	N/A		

GENERAL NOTES

GENERAL NOTES:

1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
3. REFER TO LS100 SERIES FOR LANDSCAPE PLANS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

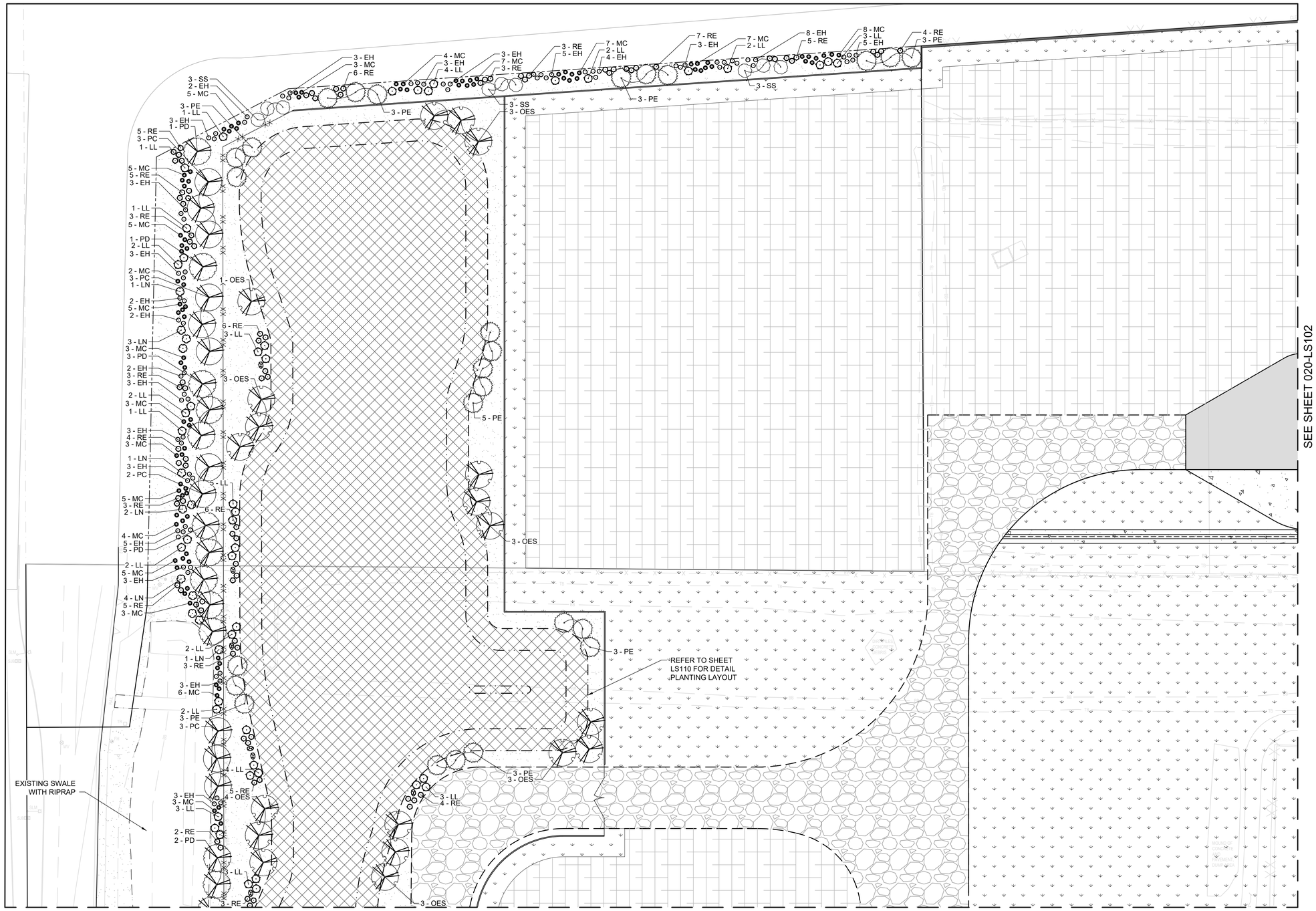
BURNS McDONNELL
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KANSAS CITY, MO 64114
816 333 9400
Burns & McDonnell Engineering Co, Inc.

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MESA, AZ

OVERALL LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	PROJ NO
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS100
SHEET ---- OF ##



GENERAL NOTES

GENERAL NOTES:

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LEGEND

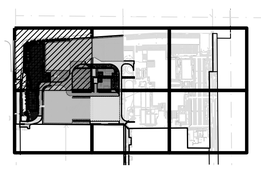
- DECIDUOUS TREE
- EVERGREEN TREE
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- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
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- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL

LANDSCAPE PLAN - PHASE 1
0 30' 60'
SCALE IN FEET
NORTH

PHASE 1 PLANT SCHEDULE - LS 101

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE(HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	19
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	24" Box	12
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	26
	PC	Pistacia chinensis	Chinese Pistache	30'x25'	24" Box	11
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	9

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	74
	LN	Lantana x 'New Gold'	New Gold Lantana	5 gal.	Per Plan	12
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	46
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	93
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	85



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

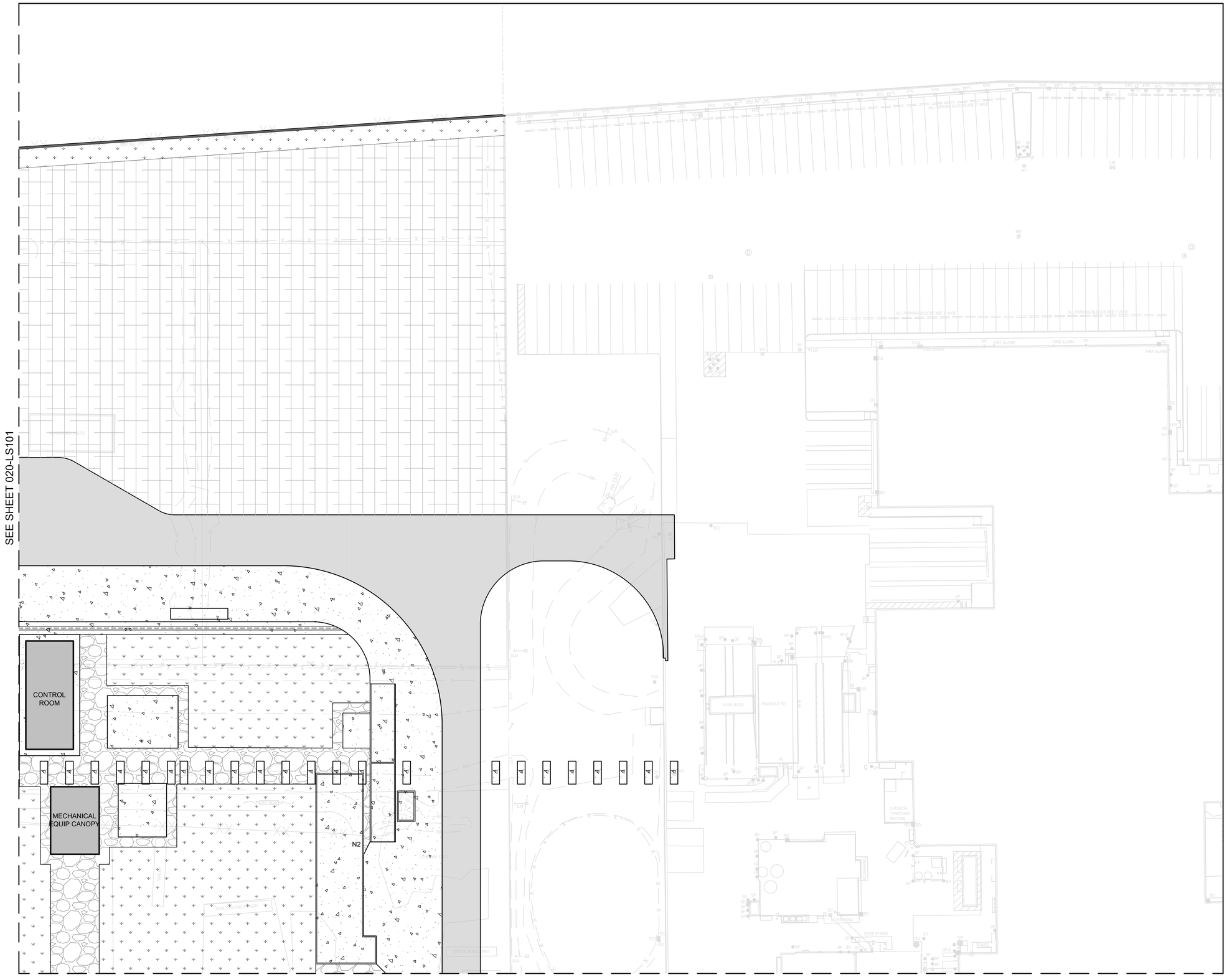
REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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MESA, AZ

LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS101
SHEET ---- OF	##



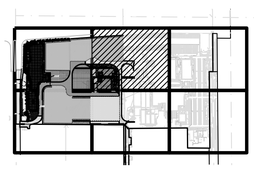
LANDSCAPE PLAN - PHASE 1
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

GENERAL NOTES:
1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

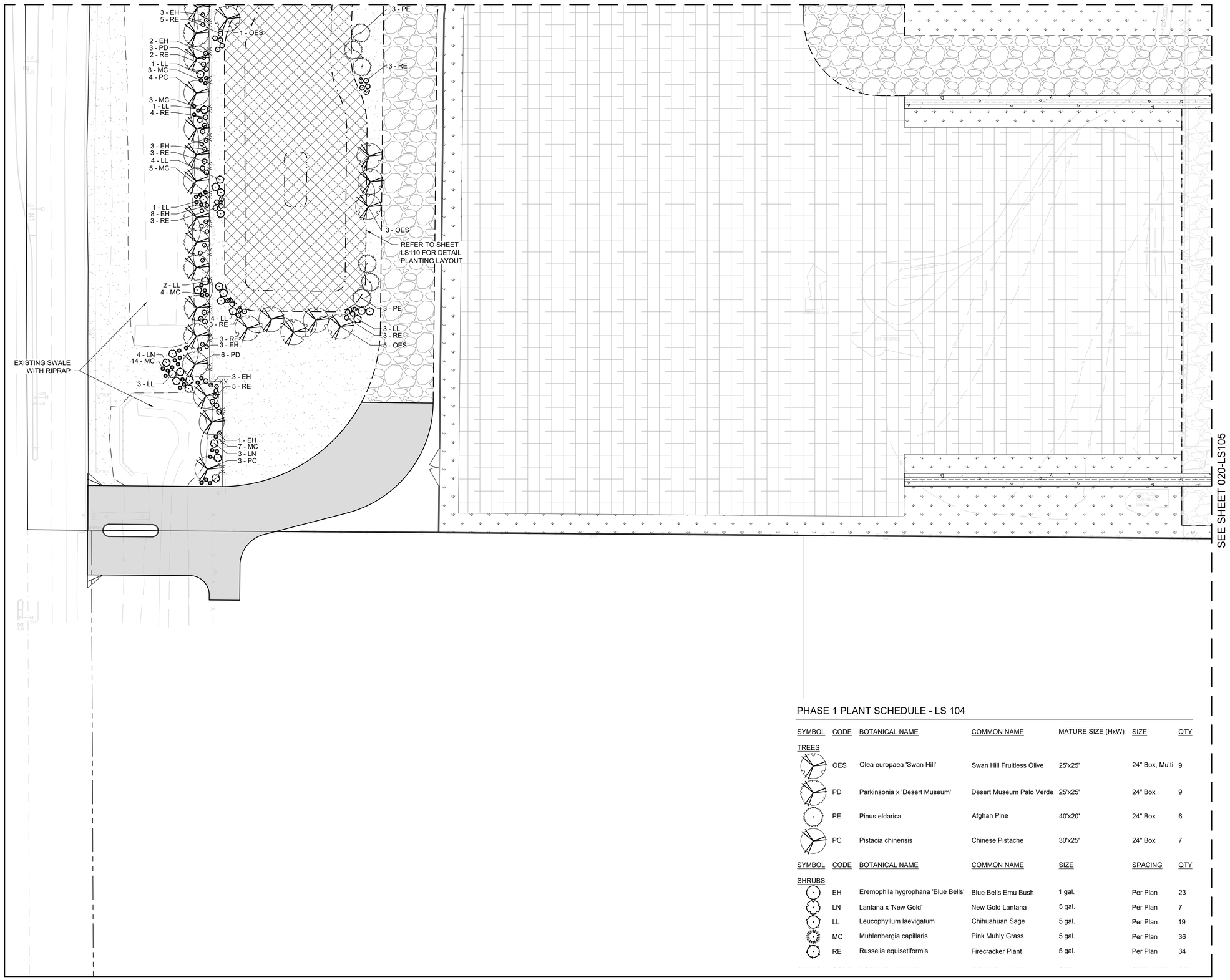
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816 333 9400
Burns & McDonnell Engineering Co, Inc.

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FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS102
SHEET ---- OF ##



PHASE 1 PLANT SCHEDULE - LS 104

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	9
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	24" Box	9
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	6
	PC	Pistacia chinensis	Chinese Pistache	30'x25'	24" Box	7

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	23
	LN	Lantana x 'New Gold'	New Gold Lantana	5 gal.	Per Plan	7
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	19
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	36
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	34

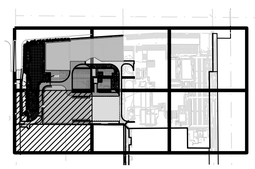
LANDSCAPE PLAN - PHASE 1
0 30' 60'
SCALE IN FEET
NORTH

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LEGEND

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- EVERGREEN TREE
- SHRUBS
- BOULDER
- BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
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- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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MESA, AZ

LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS104
SHEET ---- OF	##

SEE SHEET 020-LS102

SEE SHEET 020-LS104

LANDSCAPE PLAN - PHASE 1
0 30' 60'
SCALE IN FEET

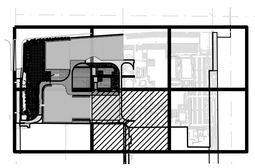
NORTH

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- DISTURBED LAND WITH NATIVE GRASS SEEDING
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- NEW HEAVY DUTY CONCRETE PAVEMENT
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

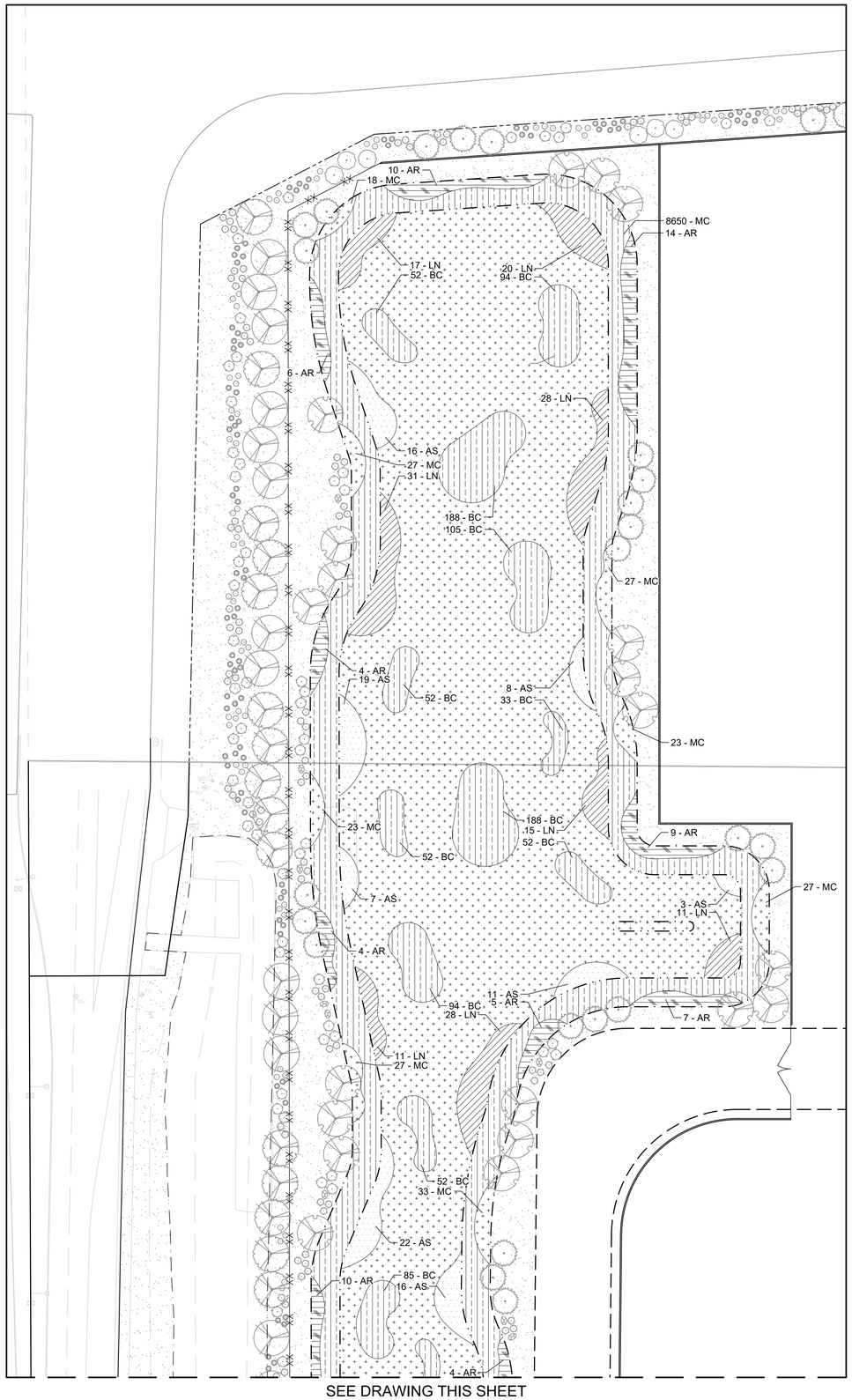
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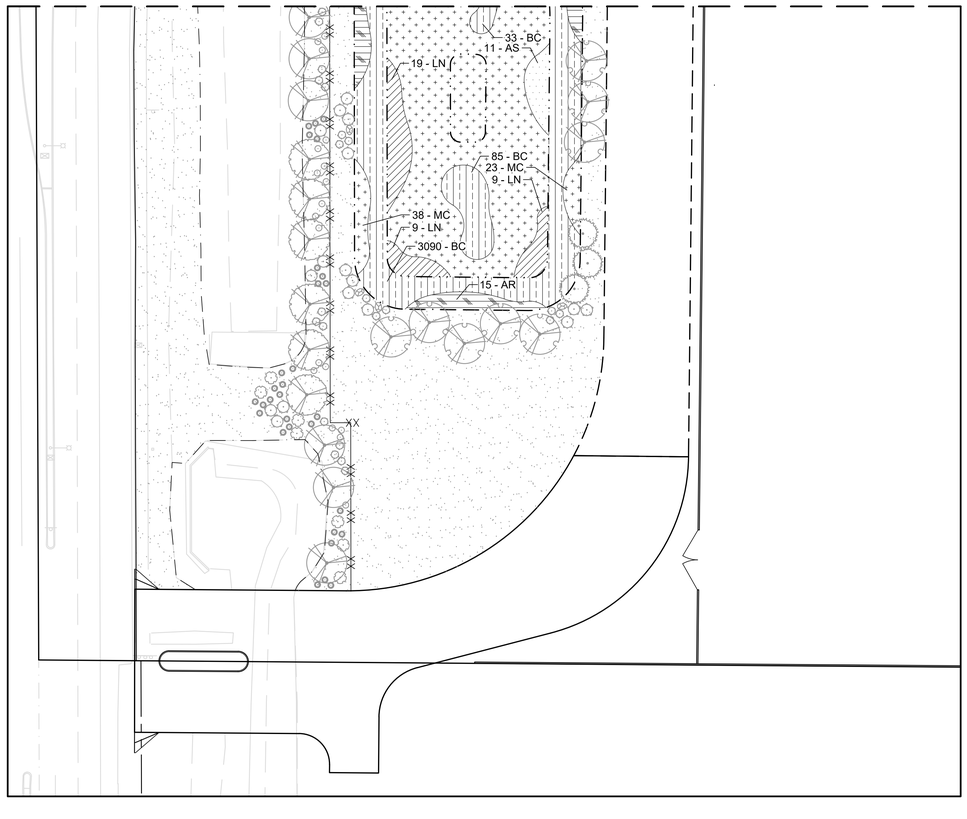
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MESA, AZ

LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS105
SHEET ---- OF ##





PHASE 1 PLANT SCHEDULE - LS 110

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
BMP/RETENTION AREAS						
	AR	Acacia redolens	Prostrate Acacia	1 gal.	8' o.c.	88
	AS	Atriplex semibaccata	Australian Saltbrush	1 gal.	6' o.c.	113
	BC	Bouteloua curtipendula	Sideoats Grama	1 gal.	3' o.c.	4255
	LN	Lantana x 'New Gold'	New Gold Lantana	1 gal.	6' o.c.	198
	MC	Muhlenbergia capillaris	Pink Muhly Grass	1 gal.	3' o.c.	8916

DETAIL LANDSCAPE PLAN - PHASE 1

0 30' 60'
SCALE IN FEET

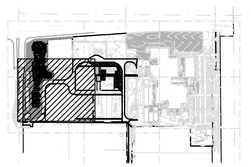
NORTH

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LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- DECOMPOSED GRANITE
- PROSTRATE ACACIA PLANTING SPACED 8' O.C.
- AUSTRALIAN SALTBRUSH PLANTING SPACED 6' O.C.
- SIDEOATS GRAMA PLANTING SPACED 3' O.C.
- NEW GOLD LANTANA PLANTING SPACED 6' O.C.
- PINK MUHLY GRASS PLANTING SPACED 3' O.C.



KEY PLAN
NOT TO SCALE NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

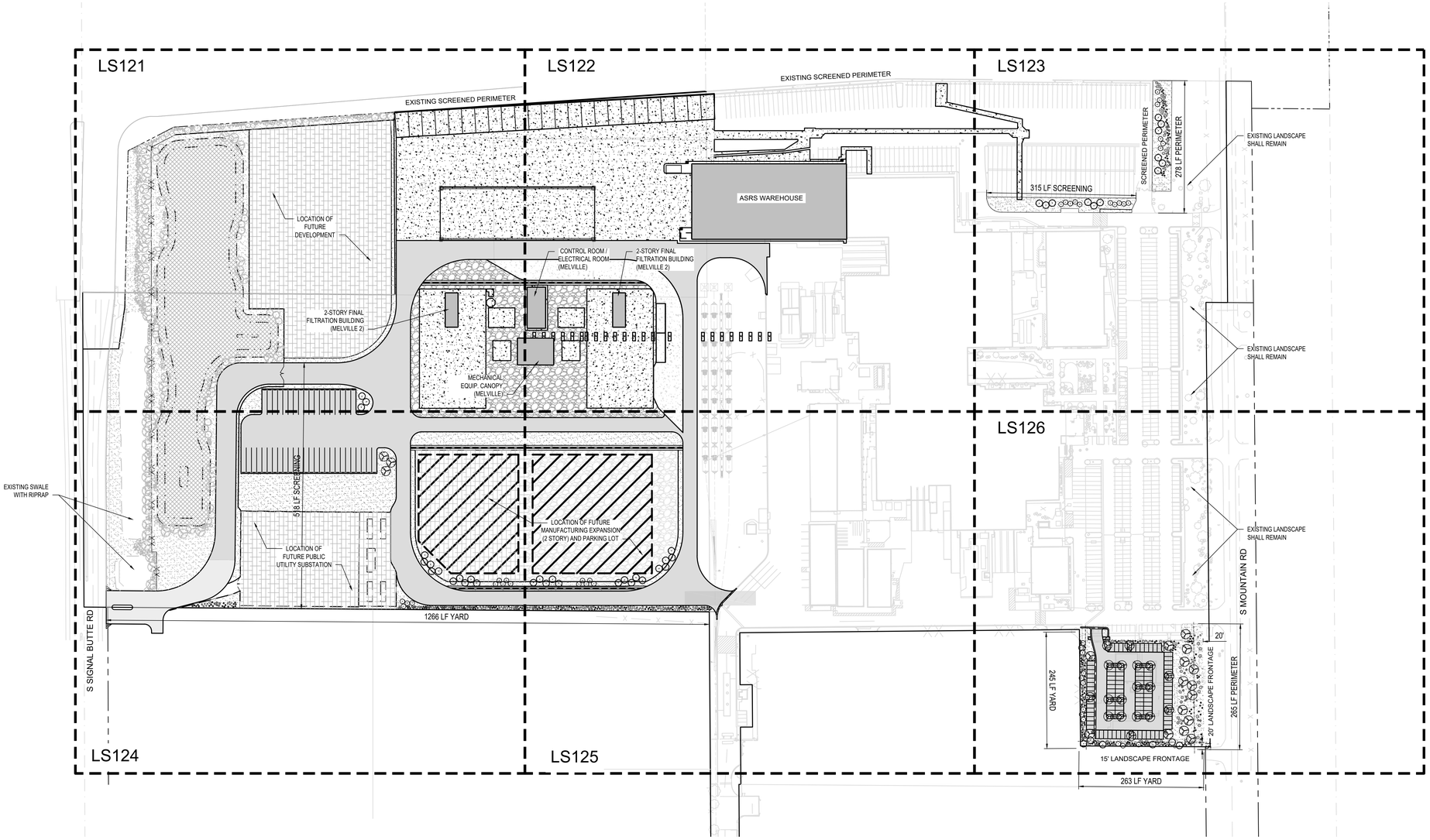
REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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MESA, AZ

DETAIL LANDSCAPE PLAN – PHASE 1

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS110
SHEET ---- OF	##



OVERALL LANDSCAPE PLAN - PHASE 2

0 100' 200'

SCALE IN FEET

NORTH

CITY OF MESA LANDSCAPE REQUIREMENTS:

1. PERIMETER LANDSCAPING - 1 TREE & 6 SHRUBS PER 25 LF OF STREET FRONTAGE

   SOUTH MOUNTAIN ROAD 1: 265 LF = 11 TREES & 66 SHRUBS REQUIRED
   PROVIDED: 21 TREES & 125 SHRUBS

   SOUTH MOUNTAIN ROAD 2: 278 LF = 12 TREES & 72 SHRUBS REQUIRED
   PROVIDED: 21 TREES & 125 SHRUBS

2. SCREENING - 5 NON-DECIDUOUS TREES PER 100 LF OF ADJACENT PROPERTY LINE

   SOUTH SIGNAL BUTTE ROAD: 518 LF = 26 TREES REQUIRED
   PROVIDED: 26 TREES

   EXISTING PARKING AREA (NE CORNER OF SITE): 315 LF = 16 TREES REQUIRED
   PROVIDED: 16 TREES

3. LANDSCAPE YARD - 3 NON-DECIDUOUS TREES AND 20 SHRUBS PER 100 LF OF ADJACENT PROPERTY LINE.

   SW PROPERTY LINE: 1,266 LF = 39 TREES & 260 SHRUBS REQUIRED
   PROVIDED: 39 TREES & 260 SHRUBS

   SE PROPERTY LINE (1): 245 LF = 9 TREES & 60 SHRUBS REQUIRED
   PROVIDED: 9 TREES & 60 SHRUBS

   SE PROPERTY LINE (2): 263 LF = 9 TREES & 60 SHRUBS REQUIRED
   PROVIDED: 9 TREES & 60 SHRUBS

4. PARKING LOT LANDSCAPE ISLANDS - 1 SHADE TREE & 3 SHRUBS FOR EVERY 15FT PARKING ISLAND

   SOUTH MOUNTAIN ROAD: 22 SHADE TREES & 66 SHRUBS REQUIRED
   PROVIDED: 22 SHADE TREES & 66 SHRUBS

PHASE 2 PLANT SCHEDULE - OVERALL

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	3
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	24" Box	18
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	46
	PC	Pistacia chinensis	Chinese Pistache	30'x25'	24" Box	15
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	42

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	162
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	83
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	218
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	151

GENERAL NOTES

GENERAL NOTES:

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2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
3. REFER TO LS100 SERIES FOR LANDSCAPE PLANS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DECOMPOSED GRANITE
- EXISTING DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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Burns & McDonnell Engineering Co., Inc.

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FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

OVERALL LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	PROJ NO
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS120
SHEET ---- OF ##



PHASE 2 PLANT SCHEDULE - LS 121

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	3

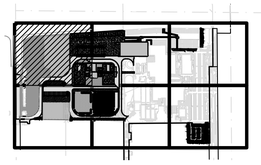
LANDSCAPE PLAN - PHASE 2
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

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LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

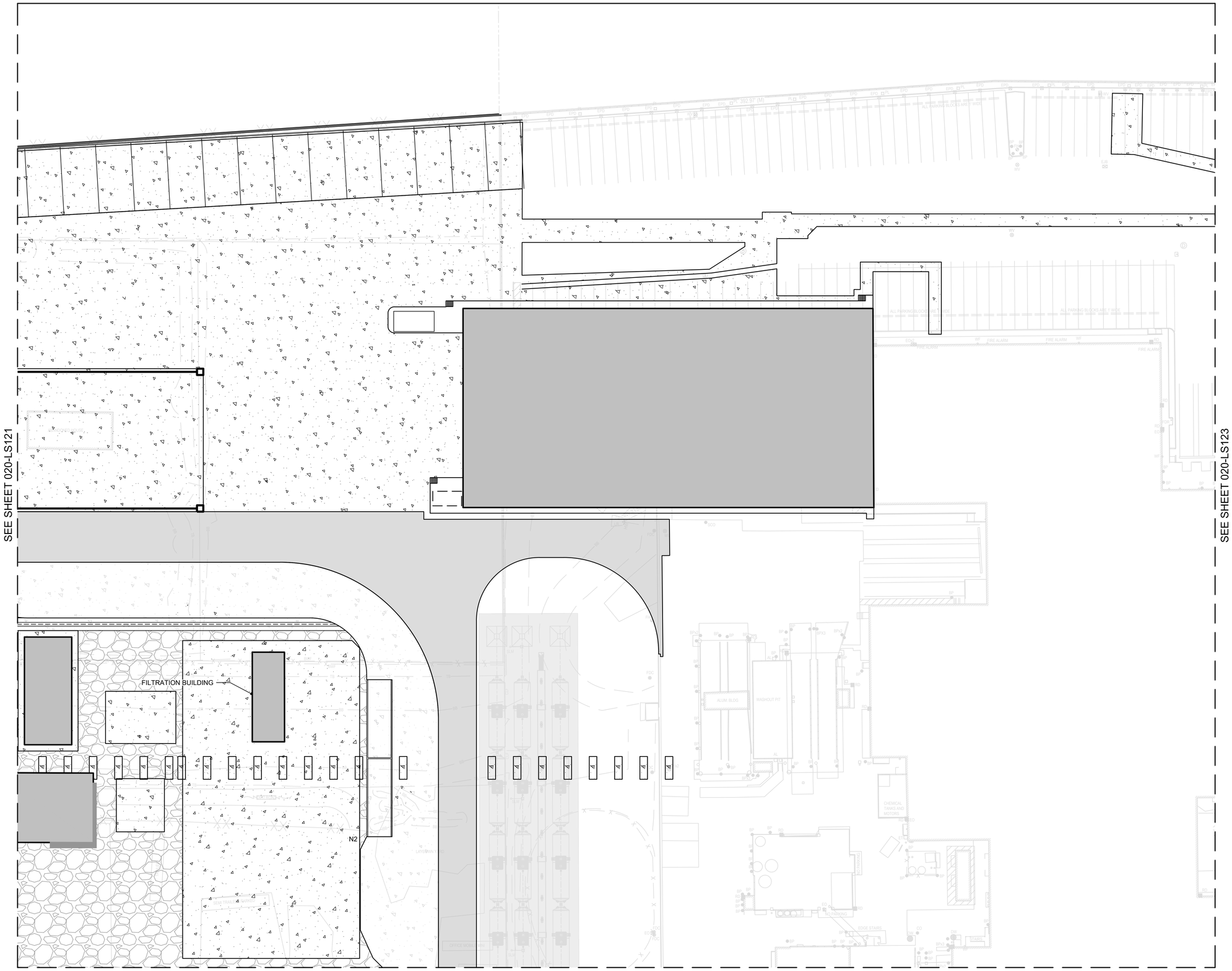
REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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KANSAS CITY, MO 64114
816 333 9400
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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS121
SHEET ---- OF	##



LANDSCAPE PLAN - PHASE 2

0 30' 60'

SCALE IN FEET

NORTH

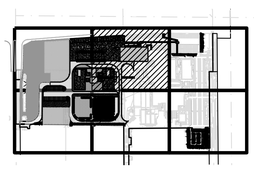
GENERAL NOTES

GENERAL NOTES:

1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

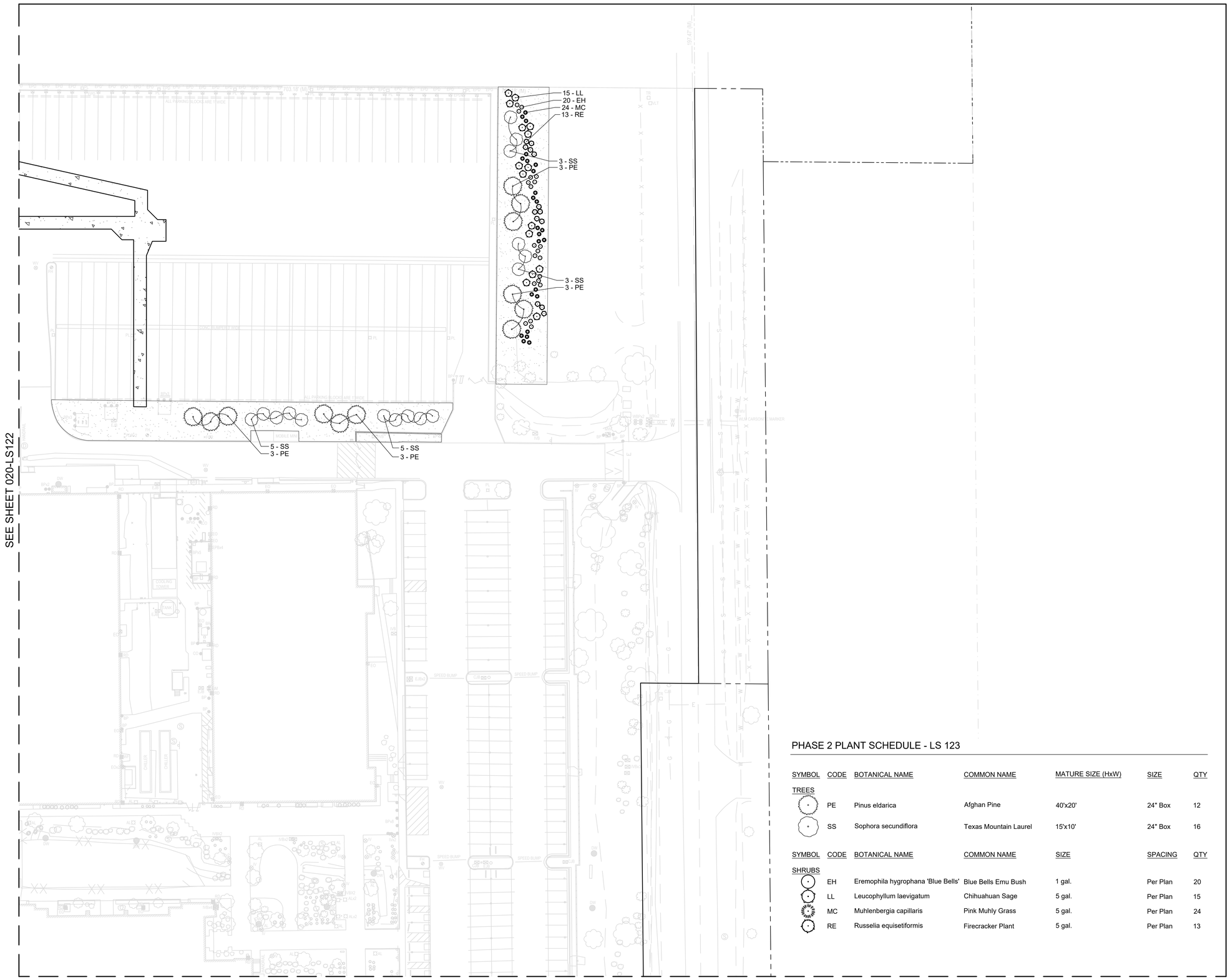
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816.333.9400
Burns & McDonnell Engineering Co, Inc.

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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS122
SHEET ---- OF ##



PHASE 2 PLANT SCHEDULE - LS 123

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	12
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	16

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	20
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	15
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	24
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	13

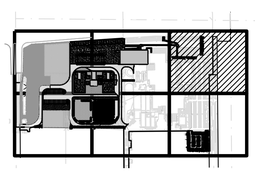
LANDSCAPE PLAN - PHASE 2
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

GENERAL NOTES:
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LEGEND

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- EVERGREEN TREE
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- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

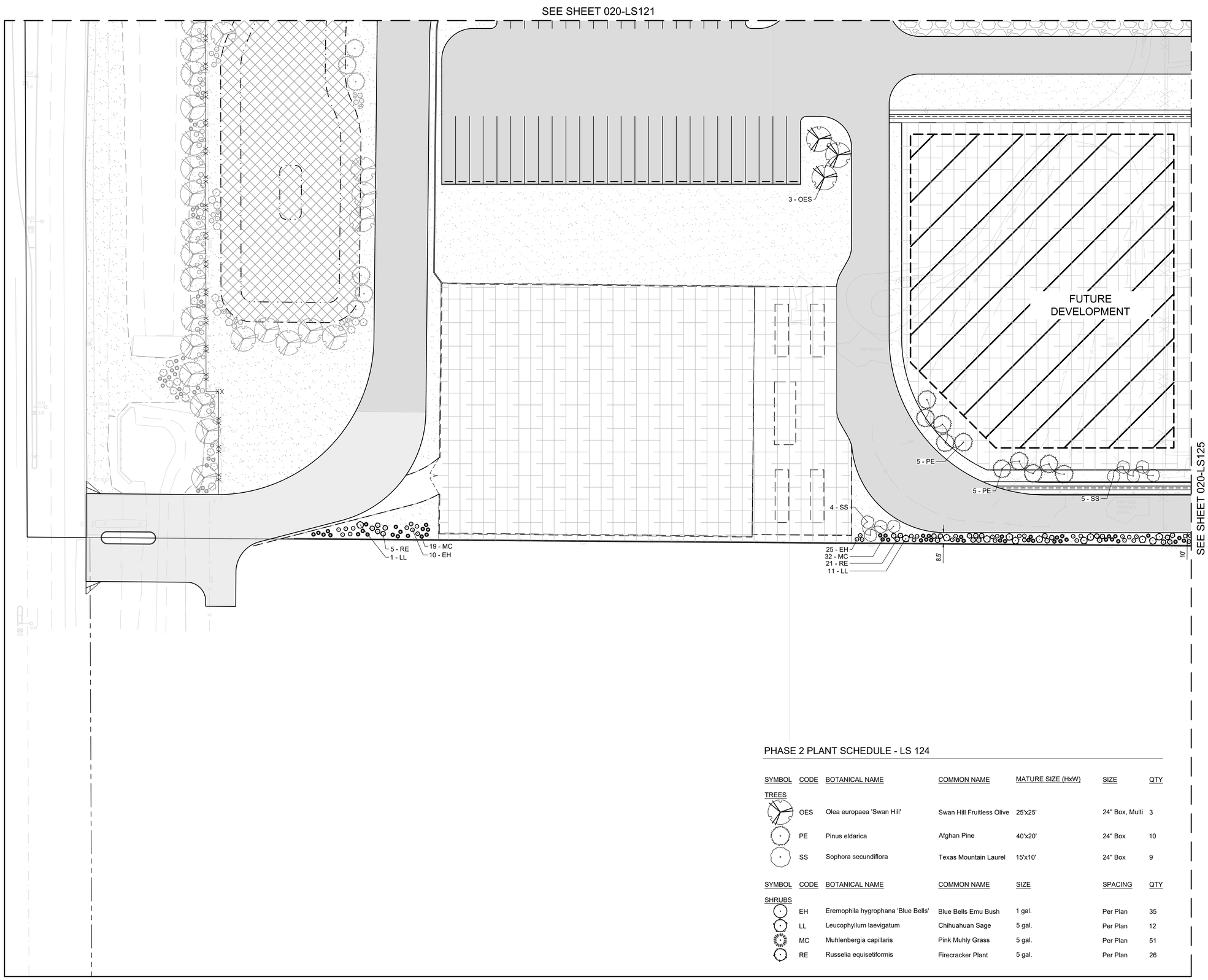
REV.	DATE	DES	CHK	APR	DESCRIPTION
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D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS123
SHEET ---- OF	##



PHASE 2 PLANT SCHEDULE - LS 124

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	3
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	10
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	9

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	35
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	12
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	51
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	26

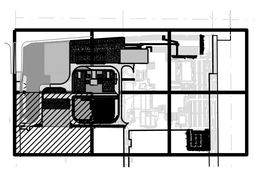
LANDSCAPE PLAN - PHASE 2
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

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LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

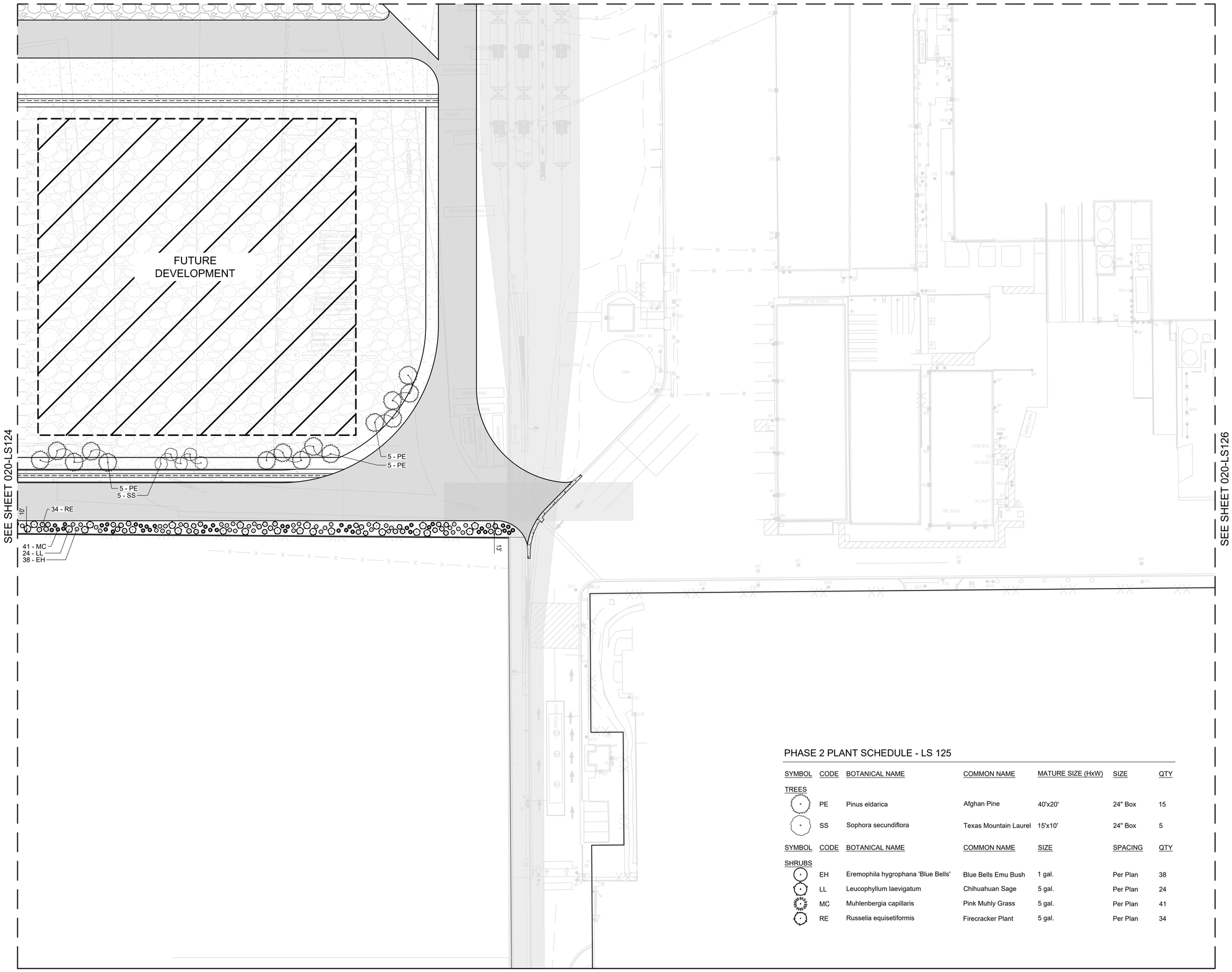
REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS124
SHEET ---- OF ##	



PHASE 2 PLANT SCHEDULE - LS 125

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	15
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	5
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	38
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	24
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	41
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	34

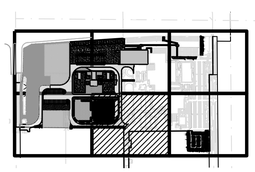
LANDSCAPE PLAN - PHASE 2
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

GENERAL NOTES:
1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
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LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- UNDISTURBED LAND WITH NATIVE VEGETATION
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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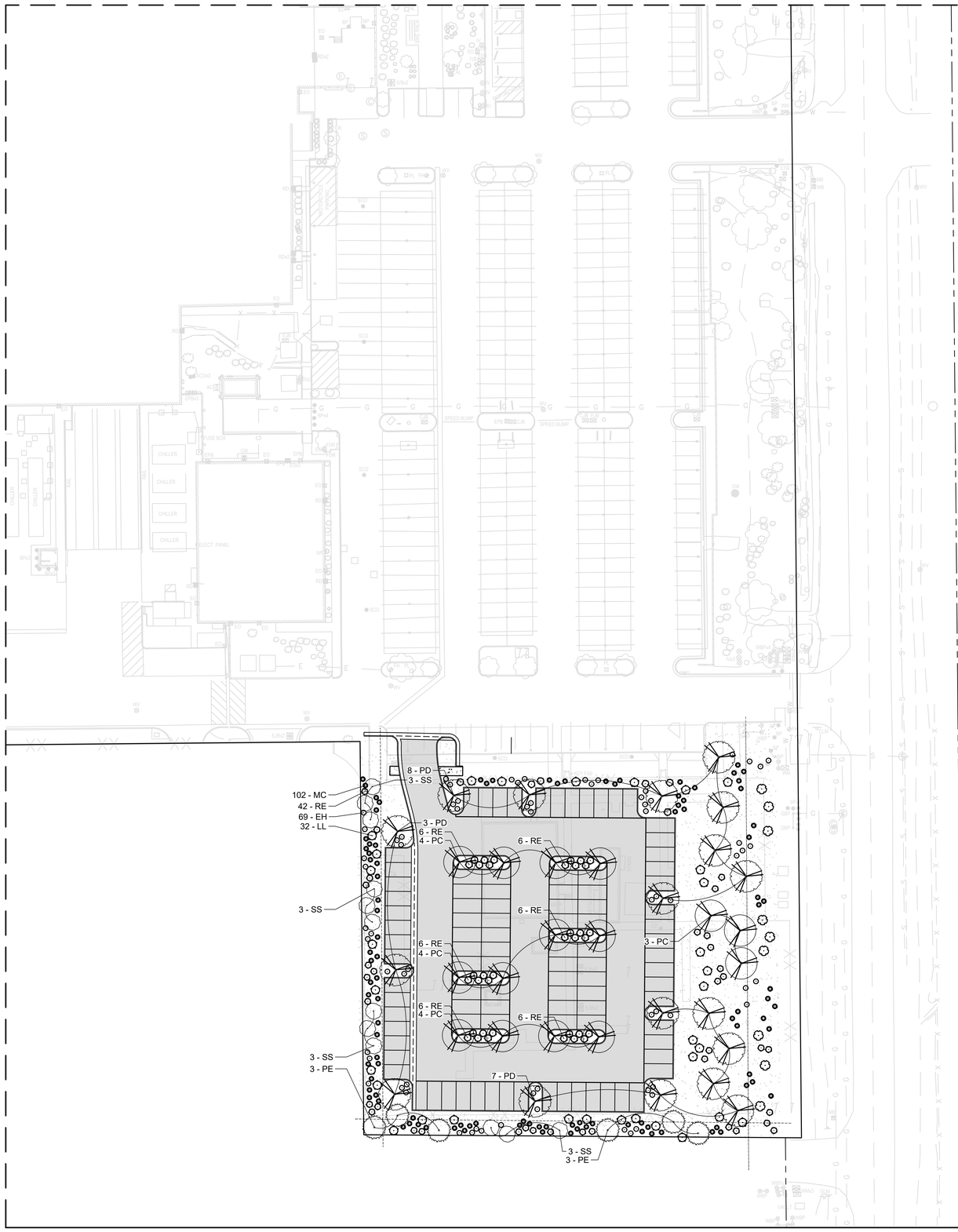
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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS125
SHEET ---- OF	##

SEE SHEET 020-LS123

SEE SHEET 020-LS125



PHASE 2 PLANT SCHEDULE - LS 126

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	PD	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	25'x25'	24" Box	18
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	6
	PC	Pistacia chinensis	Chinese Pistache	30'x25'	24" Box	15
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	12
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
SHRUBS						
	EH	Eremophila hygrophana 'Blue Bells'	Blue Bells Emu Bush	1 gal.	Per Plan	69
	LL	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	Per Plan	32
	MC	Muhlenbergia capillaris	Pink Muhly Grass	5 gal.	Per Plan	102
	RE	Russelia equisetiformis	Firecracker Plant	5 gal.	Per Plan	78

LANDSCAPE PLAN - PHASE 2

0 30' 60'

SCALE IN FEET

NORTH

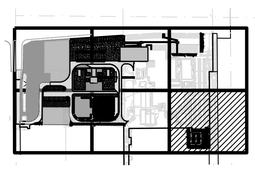
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LEGEND

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- DISTURBED LAND WITH NATIVE GRASS SEEDING
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- NEW HEAVY DUTY ASPHALT PAVEMENT
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- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

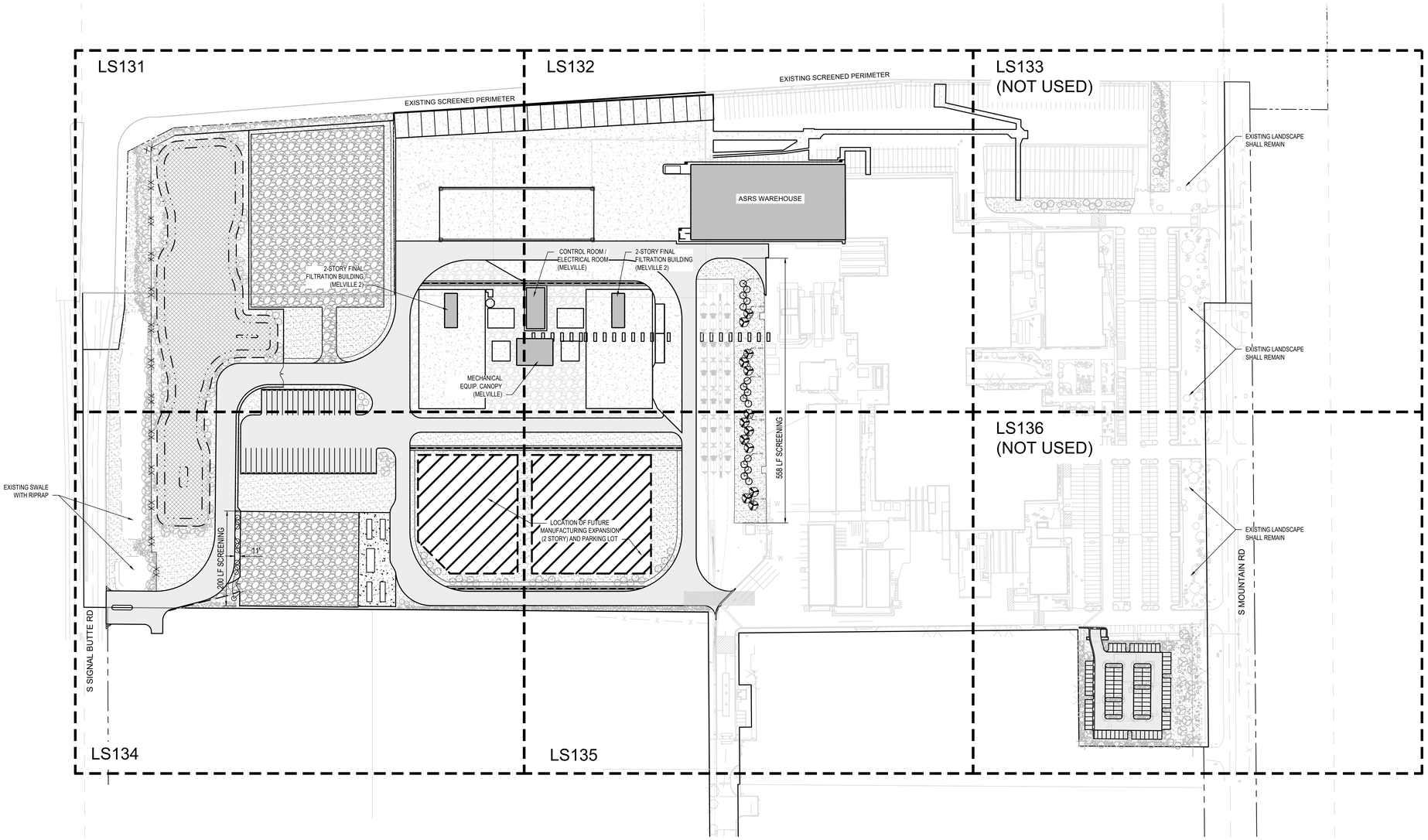
REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

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816 333 9400
Burns & McDonnell Engineering Co, Inc.

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MESA, AZ

LANDSCAPE PLAN – PHASE 2

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED
DRAWING	LS126
SHEET ---- OF ##	



OVERALL LANDSCAPE PLAN - FUTURE BUILD OUT

0 100' 200'
SCALE IN FEET

NORTH

CITY OF MESA LANDSCAPE REQUIREMENTS:

1. SCREENING - 5 NON-DECIDUOUS TREES PER 100 LF OF ADJACENT PROPERTY LINE

   SUBSTATION: 200 LF = 10 TREES REQUIRED
   PROVIDED: 10 TREES

   RAIL YARD: 558 LF = 28 TREES REQUIRED
   PROVIDED: 28 TREES

PHASE 3 PLANT SCHEDULE - OVERALL

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	13
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	15
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	10

GENERAL NOTES

GENERAL NOTES:

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2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
3. REFER TO LS100 SERIES FOR LANDSCAPE PLANS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DECOMPOSED GRANITE
- EXISTING DECOMPOSED GRANITE
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
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PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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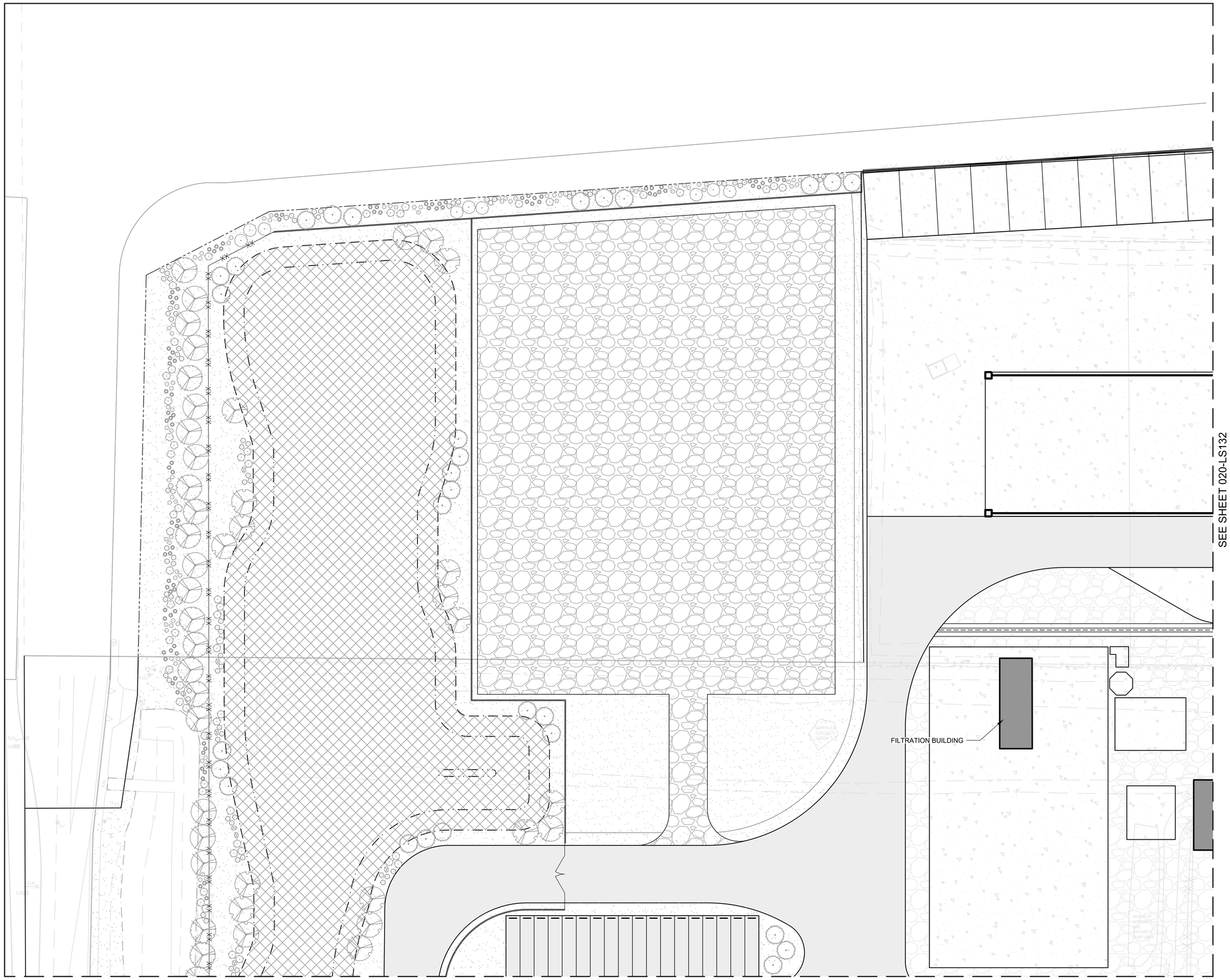
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KANSAS CITY, MO 64114
816 333 9400
Burns & McDonnell Engineering Co., Inc.

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

OVERLL LANDSCAPE PLAN - FUTURE BUILD OUT

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	PROJ NO
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS130
SHEET ---- OF ##



LANDSCAPE PLAN - FUTURE BUILD OUT

0 30' 60'

SCALE IN FEET

NORTH

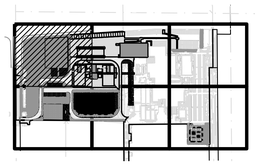
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KEY PLAN
NOT TO SCALE NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
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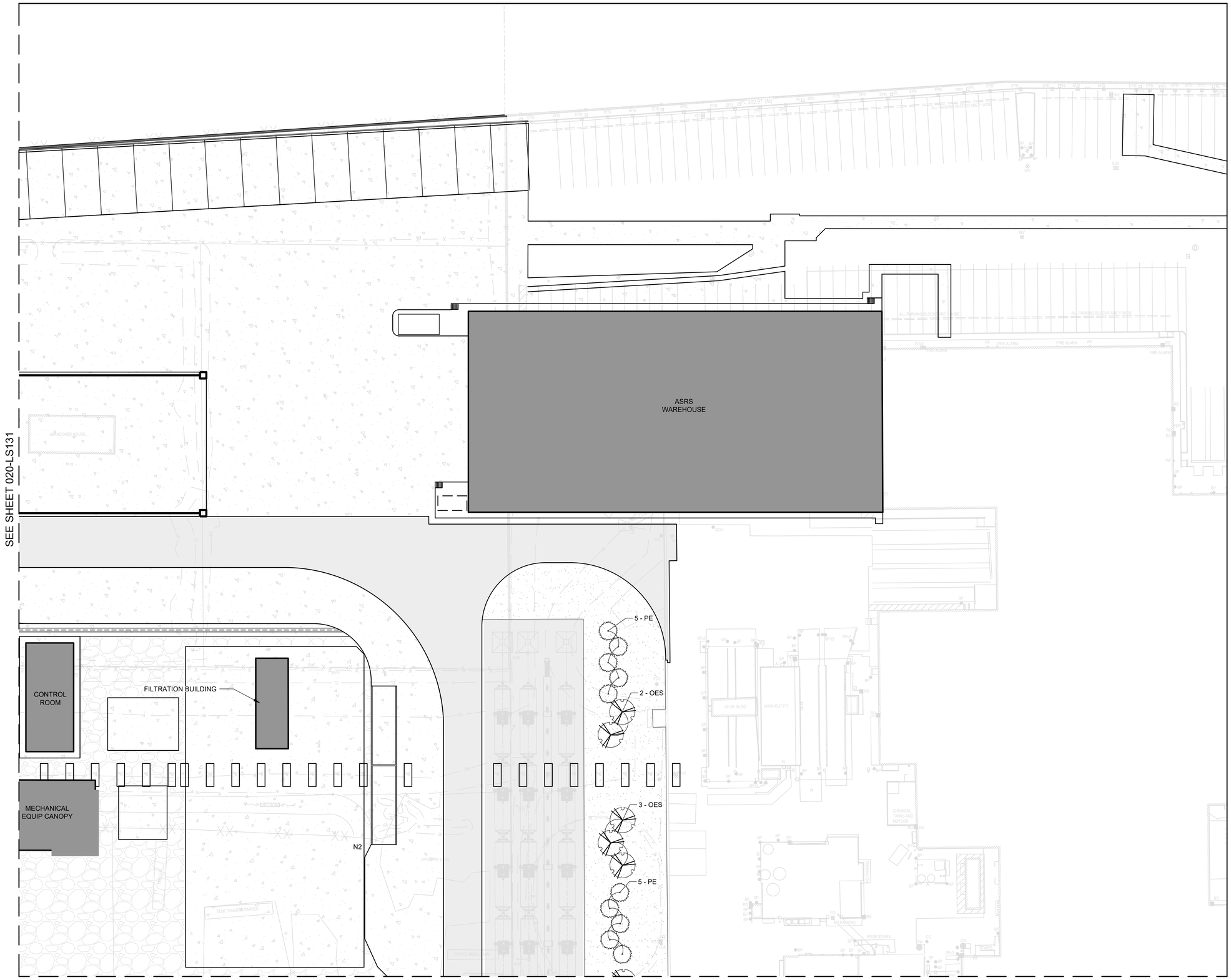
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FUJIFILM
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MESA, AZ

LANDSCAPE PLAN – FUTURE BUILD OUT

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS131
SHEET ---- OF ##



LANDSCAPE PLAN - FUTURE BUILD OUT

0 30' 60'

SCALE IN FEET

NORTH

PHASE 3 PLANT SCHEDULE - LS 132

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	5
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	10

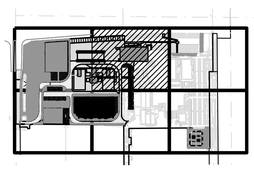
GENERAL NOTES

GENERAL NOTES:

1. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO LANDSCAPE OPERATIONS.
2. REFER TO SHEET L-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUBS
- BOULDER
- EXISTING BMP AREA
- DISTURBED LAND WITH NATIVE GRASS SEEDING
- DECOMPOSED GRANITE
- NEW HEAVY DUTY ASPHALT PAVEMENT
- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
- EXISTING HEAVY DUTY CONCRETE
- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
E	2025-08-18	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
D	2023-09-25	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
C	2023-07-31	RG	BMS	BMS	ISSUED FOR REZONING COMMENTS
B	2023-04-28	RG	BMS	BMS	ISSUED FOR REZONING SUBMITTAL
A	2023-01-09	CAW	AMM	AMM	ISSUED FOR ORCA 30%

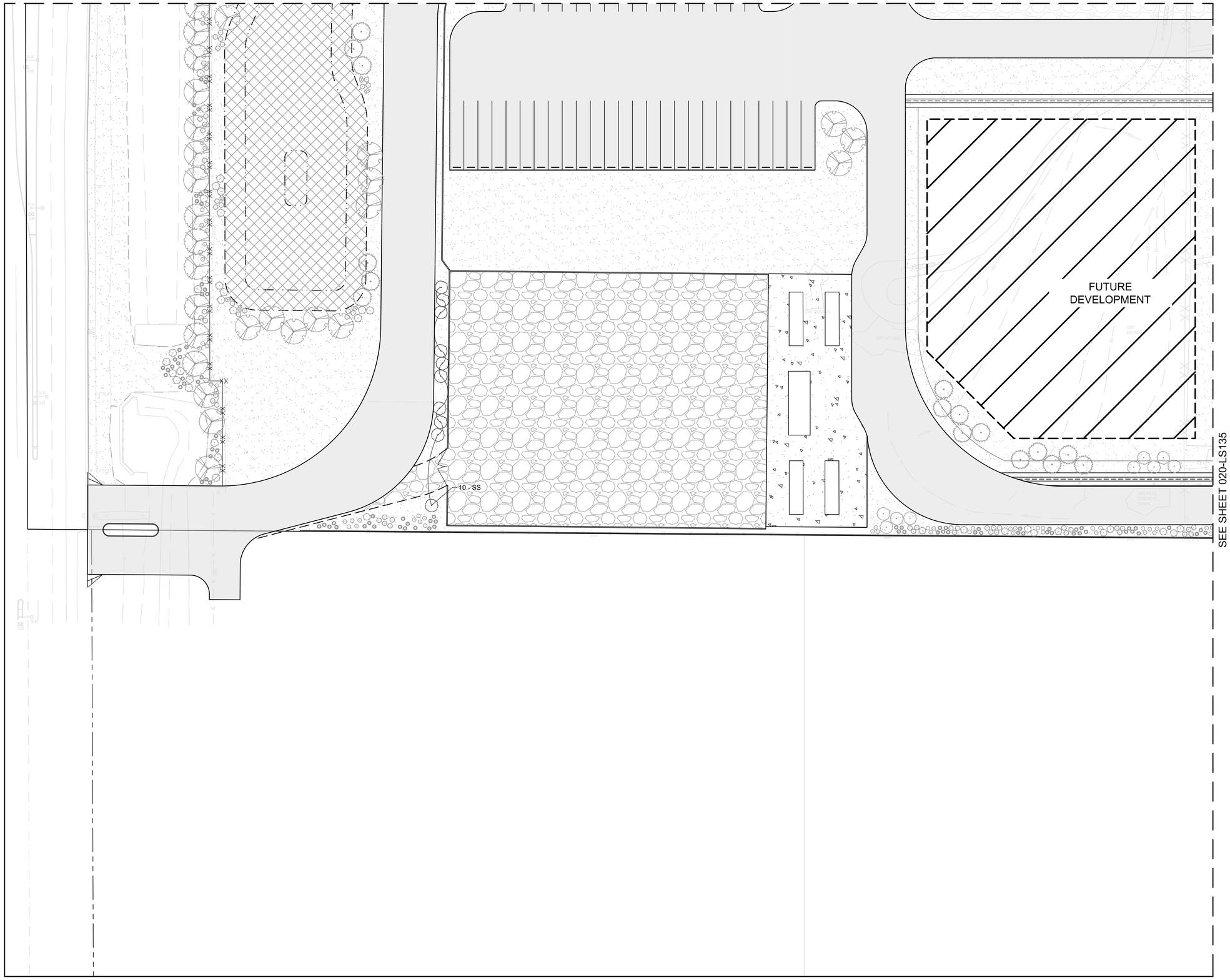
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816 333 9400
Burns & McDonnell Engineering Co, Inc.

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
MESA, AZ

LANDSCAPE PLAN – FUTURE BUILD OUT

FUJI NO:	CLIENT PROJ NO
A&E FIRM NO:	147051
DRAWN:	RG
CHECKED:	BMS
DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS132
SHEET ---- OF ##



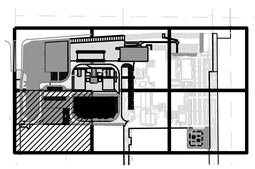
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KEY PLAN
NOT TO SCALE NORTH

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LANDSCAPE PLAN - FUTURE BUILD OUT

0 30' 60'
SCALE IN FEET

NORTH

PHASE 3 PLANT SCHEDULE - LS 134

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	SS	Sophora secundiflora	Texas Mountain Laurel	15'x10'	24" Box	10

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LANDSCAPE PLAN – FUTURE BUILD OUT

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DRAWN:	RG
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DATE:	2025-08-18
SCALE:	AS NOTED

DRAWING
LS134
SHEET ---- OF ##

SEE SHEET 020-LS132

SEE SHEET 020-LS134

5 - OES

5 - PE

3 - OES

FUTURE
DEVELOPMENT

LANDSCAPE PLAN - FUTURE BUILD OUT

0 30' 60'

SCALE IN FEET

NORTH

PHASE 3 PLANT SCHEDULE - LS135

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (HxW)	SIZE	QTY
TREES						
	OES	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	25'x25'	24" Box, Multi	8
	PE	Pinus eldarica	Afghan Pine	40'x20'	24" Box	5

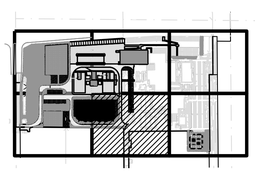
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- DECOMPOSED GRANITE
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- EXISTING HEAVY DUTY ASPHALT PAVEMENT
- NEW HEAVY DUTY CONCRETE PAVEMENT
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- NEW GRAVEL
- EXISTING GRAVEL



KEY PLAN
NOT TO SCALE NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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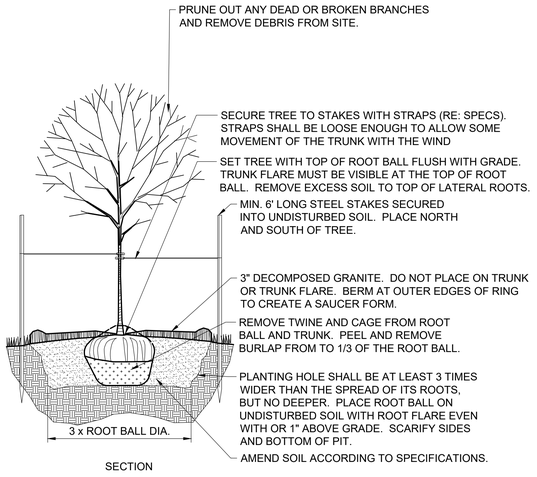
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LANDSCAPE PLAN - FUTURE BUILD OUT

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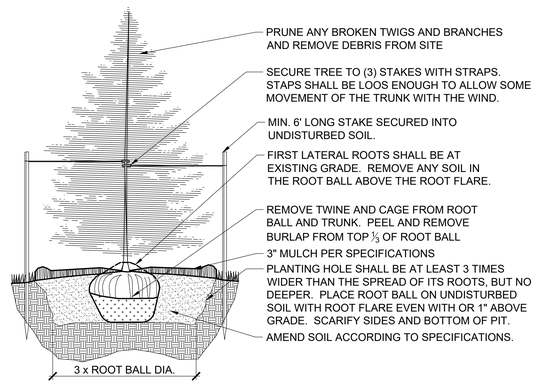
NOTES:
1. TREES THAT DO NOT MEET THE SIZE REQUIREMENT WILL BE REJECTED
2. TREES SHALL BE INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.



SECTION

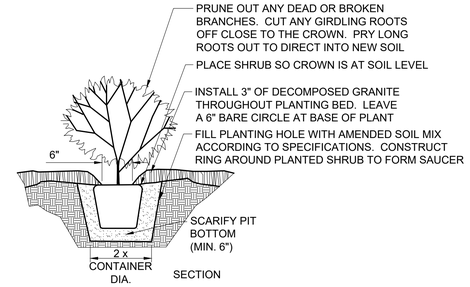
DECIDUOUS TREE PLANTING

DETAIL 1
N.T.S



DECIDUOUS TREE PLANTING

DETAIL 2
N.T.S

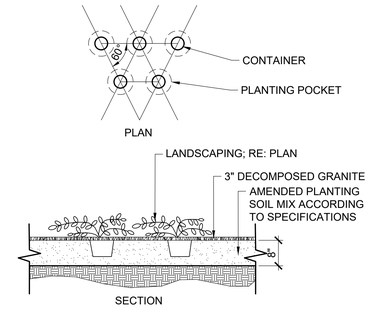


SECTION

NOTES:
1. REFER TO SPECIFICATIONS FOR TOPSOIL BACKFILL MIX.
2. CONTRACTOR TO WATER THOROUGHLY AFTER PLANTING
3. INSTALLATION TO BE IN ACCORDANCE WITH PLANTING SPECIFICATIONS

SHRUB PLANTING

DETAIL 3
N.T.S



SECTION

CONTAINER PLANTING

DETAIL 4
N.T.S

PRELIMINARY - NOT FOR CONSTRUCTION

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LANDSCAPE DETAILS

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SCALE:	NO SCALE

DRAWING
LS501
SHEET ---- OF ##

CITY OF MESA GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE CITY OF MESA. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. THE INFORMATION SHOWN ON DRAWINGS CONCERNING THE TYPE AND LOCATION OF EXISTING UNDERGROUND UTILITIES IS APPROXIMATE AND HAS NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER OR THE ENGINEER'S AGENT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND AND OVERHEAD UTILITIES.
   A. CALL **602-263-1100** OR **811** FOR BLUE STAKE SERVICES.
   B. CALL SALT RIVER POWER FOR POLE BRACING, ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING AT **602-236-8888**.
   C. CALL CITY OF MESA ELECTRICAL FOR POLE BRACING, ELECTRICAL SERVICE OR CONSTRUCTION SCHEDULING AT **480-644-2251** WITHIN CITY OF MESA ELECTRICAL SERVICE TERRITORY (DOWNTOWN MESA).
   D. WHEN EXCAVATING IN OR ADJACENT TO A CITY PARK OR AQUATIC FACILITY THE CONTRACTOR SHALL CONTACT AQUATICS AND PARKS MAINTENANCE AT **480-644-3097** TO REQUEST ASSISTANCE IN LOCATING UNDERGROUND UTILITY FACILITIES.
   E. WHEN EXCAVATING IN OR ADJACENT TO LANDSCAPING WITHIN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL CONTACT TRANSPORTATION FIELD OPERATIONS AT **480-644-3380** TO REQUEST ASSISTANCE IN LOCATING UNDERGROUND IRRIGATION FACILITIES.
3. TRAFFIC CONTROL SHALL CONFORM TO THE CITY OF MESA TEMPORARY TRAFFIC CONTROL MANUAL. ELECTRONIC COPIES ARE AVAILABLE AT http://www.mesaaz.gov/business/barricading-temporary-traffic-control-permits. HARD COPIES CAN BE MADE AVAILABLE AT DEVELOPMENT SERVICES, 55 N. CENTER ST., MESA, ARIZONA
4. CONTRACTOR TO NOTIFY TRAFFIC OPERATIONS AT **480-644-3126** PRIOR TO SIGN REMOVAL AND WHEN READY TO PERMANENTLY RELOCATE SIGN.
5. CONTRACTOR TO OBTAIN ANY PERMITS REQUIRED UNLESS OTHERWISE INDICATED, AND COORDINATE ALL IRRIGATION DRY-UPS, RELOCATIONS, AND REMOVALS BY OTHERS.
6. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AHEAD OF CONSTRUCTION TO ALLOW FOR ANY NECESSARY ADJUSTMENTS IN GRADE LINE AND TO VERIFY PIPE MATERIALS FOR ORDERING THE APPROPRIATE TRANSITION AND TIE-IN FITTINGS THAT MAY BE REQUIRED.
7. THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL ABANDONED UTILITIES THAT INTERFERE WITH PROPOSED IMPROVEMENTS. THE CITY OF MESA UTILITIES DEPARTMENT LOCATING SECTION WILL ASSIST THE CONTRACTOR AS NEEDED, IN DETERMINING IF THE UTILITY (GAS, WATER, AND WASTEWATER ONLY) IS ABANDONED BY CALLING **480-644-4500**.
8. PRIOR TO START OF CONSTRUCTION ON PRIVATE PROPERTY (EASEMENTS), THE CONTRACTOR SHALL GIVE THE OWNER SUFFICIENT TIME (MINIMUM 48 HOURS) TO REMOVE ANY ITEMS IN CONFLICT WITH CONSTRUCTION. THE CONTRACTOR SHALL ARRANGE TO REMOVE AND REPLACE ALL OTHER CONFLICTS AS REQUIRED.
9. THE CONTRACTOR SHALL COORDINATE WORK SCHEDULES TO PREVENT ANY CONFLICTING WORK CONDITIONS WITH THE CITY OF MESA UTILITY AND TRANSPORTATION CREWS.
10. THE CONTRACTOR IS ADVISED THAT A DUST CONTROL PERMIT AND A DUST CONTROL PLAN MAY BE REQUIRED BY THE MARICOPA COUNTY AIR QUALITY DEPARTMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THIS PERMIT, IF NECESSARY, AND COMPLY WITH ITS REQUIREMENTS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A COPY OF THE DUST CONTROL PERMIT AND DUST CONTROL PLAN TO THE CITY FOR REVIEW.
11. INSPECTIONS SHALL BE PROVIDED BY THE CITY OF MESA. THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTION DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF ANY CONSTRUCTION.
12. THE JOB SITE SHALL BE CLEANED OF ANY DEBRIS OR SPOIL RESULTING FROM THIS PROJECT AT THE COMPLETION OF CONSTRUCTION.
13. ALL EQUIPMENT AND MATERIALS NOT SHOWN OR SPECIFIED ON THE PLANS OR SPECIFICATIONS, BUT REQUIRED TO COMPLETE THIS PROJECT, SHALL BE SUPPLIED BY THE CONTRACTOR AS PART OF THIS CONTRACT WORK (NO ADDITIONAL COST TO THE CITY).
14. WHEREVER PAVEMENT REPLACEMENT PER MESA STD DETAIL M-19.04.1 OR MAG STD DETAIL 200 IS REFERRED TO WITHIN THESE PLANS, BACKFILLING SHALL BE PER THE CITY OF MESA STREET TRENCH BACKFILLING AND PAVEMENT REPLACEMENT POLICY STATEMENT, REVISED SEPTEMBER 29, 1999.
15. FOR PURPOSES OF PAVEMENT PER MAG STD DETAIL 200 OR MESA STD DETAIL M-19.04.1, INTERSECTIONS ARE DEFINED BY THE CURB RETURNS IN ALL DIRECTIONS.
16. ANY SURVEY MARKERS DISTURBED OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY A REGISTERED LAND SURVEYOR AT NO ADDITIONAL COST TO THE CITY.
17. ALL EXISTING PAVEMENT MARKINGS, SIGNS, AND SIGNAL EQUIPMENT THAT ARE NOT PART OF THIS PROJECT BUT NEED TO BE REMOVED, REPLACED, RELOCATED, OR REPAIRED BECAUSE OF CONTRACTOR'S WORK WILL BE DONE AT THE CONTRACTOR'S EXPENSE.
18. THE CONTRACTOR IS ADVISED THAT DAMAGE TO ANY PUBLIC SERVICES OR SYSTEMS AS A RESULT OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AND INSPECTED BY THE CITY INSPECTOR. DEPENDING ON DAMAGES, ALL REPAIRS SHALL BE DONE WITHIN 24 HOURS. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED PUBLIC SERVICES OR SYSTEMS AS A RESULT OF CONTRACTOR'S NEGLIGENCE SHALL BE BORNE BY THE CONTRACTOR.

WATER, WASTEWATER, AND STORM GENERAL NOTES

1. MATERIALS AND INSTALLATION OF WATER AND SEWER MAINS, WATER METERS AND SERVICE LINE CONNECTIONS SHALL CONFORM TO CURRENT CITY DETAILS, MESA AMENDMENTS TO MAG SPECIFICATIONS, AND THE APPROVED PRODUCTS LIST. SEE BELOW FOR APPROVED PRODUCT LISTS FOR WATER AND WASTEWATER.
   - WATER
   - WASTEWATER
2. IN ACCORDANCE WITH ARIZONA ADMINISTRATIVE CODE (A.A.C). R18-4-213, ALL MATERIALS WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION (NSF) STANDARDS 60, 61, AND 372 AND SHALL BE LEAD-FREE AS DEFINED IN A.A.C. R18-5-504 AND R18-4-101.
3. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY FITTINGS AND ADAPTERS REQUIRED TO CONNECT DIFFERENT TYPES OF WATER MAIN MATERIALS.
4. PER MESA AMENDMENTS 610.4.2 ALL MINOR VERTICAL OR HORIZONTAL DEFLECTIONS SHALL BE BY PIPE JOINT DEFLECTION UNLESS OTHERWISE NOTED. PIPE JOINT DEFLECTION SHALL NOT EXCEED 3 DEGREES OR 2/3 OF PIPE MANUFACTURER'S RECOMMENDATIONS WHICHEVER IS LESS.
5. PER MAG AND MESA AMENDMENTS 610.11 ALL WATER LINE TESTS SHALL BE COMPLETED SO THAT NO EXISTING LINES, EXISTING VALVES, OR NEWLY INSTALLED VALVES WHICH ARE CONNECTED TO THE OPERATING WATER SYSTEM ARE INCLUDED IN THE TESTS. ALLOWABLE TIMEFRAMES SHOULD FOLLOW MESA AMENDMENTS TO MAG AND MUST BE COORDINATED WITH THE CITY INSPECTOR. FOR A DAYTIME TIE-IN, THE CONTRACTOR SHALL COMPLETE ALL WORK NECESSARY TO RESTORE UTILITY SERVICE AND FULLY OPEN THE TIE-IN AREA TO TRAFFIC WITHIN THE TIME ALLOWED.
6. WATER LINE FLUSHING, PRESSURE TESTING, AND DISINFECTION SHALL BE COMPLETED PER MAG SPECIFICATION SECTION 611, MESA AMENDMENTS TO MAG SPECIFICATION SECTION 611, AND AWWA C651 (CURRENT VERSION).
7. SOURCE WATER UTILIZED FOR FILLING, FLUSHING AND TESTING SHALL BE OBTAINED FROM A HYDRANT METER ORDERED THROUGH PERMIT SERVICES AND SET BY CITY OF MESA WATER RESOURCES STAFF. IT IS PROHIBITED TO OPEN A VALVE TO THE EXISTING WATER SYSTEM TO FILL A NEWLY CONSTRUCTED OR REPAIRED PIPELINE AS OUTLINED IN THE MESA AMENDMENTS TO MAG SECTION 610.11 AND 611.
8. WATER METERS, METER BOXES, LIDS, ETC. IN CONFLICT WITH NEW CONSTRUCTION SHALL BE RELOCATED PER CITY OF MESA STANDARD DETAIL M-49 BY THE CONTRACTOR. THE RELOCATION SHALL INCLUDE ALL MATERIALS NECESSARY TO RECONNECT THE METER TO THE CITY DISTRIBUTION SYSTEM. SERVICE LINE EXTENSIONS, IF APPROVED IN WRITING BY MESA WATER RESOURCES DEPARTMENT, SHALL CONFORM TO MESA STANDARD DETAIL M-49. WHEN SERVICE LINE EXTENSIONS ARE APPROVED PER MESA STANDARD DETAIL M-49, SERVICE LINE COUPLINGS SHALL NOT BE PLACED UNDER ROADWAY SURFACES, CONCRETE GUTTERS, CURB AND GUTTER, OR CONCRETE DRIVEWAYS.
9. VALVES SHALL BE INSTALLED WITH VALVE BOX AND COVER PER MAG STD DETAILS 391-1, TYPE C WITH A DEEP-SKIRTED LID (4-INCHES MINIMUM) AS NOTED IN THE APPROVED PRODUCTS LIST.
10. ALL WATER LINE ABANDONMENT CUT AND PLUGS FOR ACTIVE LINES SHALL CONFORM TO THE FOLLOWING:
    A. 12" AND SMALLER DIAMETER PER MESA STANDARD DETAIL M-50.
    B. 16" DIAMETER PER M.A.G. STANDARD DETAIL 390, TYPE B.
    C. GREATER THAN 16" DIAMETER, AS DESIGNED PER PLAN.
11. LIME-TREATED AGGREGATE BASE COURSE (ABC) MATERIAL, RECLAIMED CONCRETE MATERIAL (RCM), AND RECLAIMED ASPHALT PAVEMENT (RAP) MATERIALS ARE PROHIBITED FOR USE IN THE PIPE EMBEDMENT ZONE (BEDDING, HAUNCHING, INITIAL BACKFILL) FOR WATERLINE CONSTRUCTION PER MESA AMENDMENTS 601.4.2.
12. PER MESA AMENDMENTS 610.11, APPLICATIONS TO THE CITY OF MESA ENGINEERING INSPECTOR AND REVIEWED AND APPROVED BY THE WATER RESOURCES DEPARTMENT FOR WATER SYSTEM SHUTDOWN FOR THE PURPOSES OF CONSTRUCTION-RELATED ACTIVITIES SHALL BE MADE A MINIMUM OF FIVE (5) BUSINESS DAYS PRIOR TO THE SCHEDULED SHUTDOWN DATE. THE REQUEST SHALL INCLUDE PRIMARY AND SECONDARY VALVE NUMBERS, WHETHER A TEST SHUTDOWN IS REQUESTED, AND THE DATE AND DURATION OF THE REQUESTED SHUTDOWN. PER MAG 610.11, THE CITY OF MESA DOES NOT GUARANTEE A COMPLETE SHUTDOWN.
13. REQUIRED BACKFLOW PREVENTION ASSEMBLIES SHALL INCLUDE MANUFACTURERS AND MODELS DESIGNATED IN THE CURRENT "LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES" AS PUBLISHED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
14. BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED AND APPROVED BY A CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA "LIST OF APPROVED INSPECTORS" PRIOR TO THE REQUEST FOR FINAL INSPECTION.
15. ALL WATER METERS ARE TO BE SUPPLIED BY THE CITY OF MESA. CHARGES FOR INSTALLING NEW SERVICES AND METERS WILL BE IN ACCORDANCE WITH THE CURRENT UTILITY SERVICE FEE SCHEDULE. METERS TWO INCHES OR LESS WILL BE DELIVERED AND INSTALLED BY CITY FORCES. METERS LARGER THAN TWO INCHES WILL BE DELIVERED BY THE CITY AND INSTALLED BY THE CONTRACTOR AND REQUIRE SCHEDULING AND INSPECTIONS WITH CITY FORCES. CONTACT THE DEVELOPMENT SERVICES DEPARTMENT AT 480-644-4273 FOR THE SPECIFIC PROCEDURE. SEE M-27.01 FOR MORE INFORMATION.
16. WHEN GROUTING OR CASTING CONCRETE AROUND PVC SEWER PIPE, SUCH AS AT MANHOLE OR VAULT PENETRATIONS, THE CONTRACTOR SHALL INSTALL WATER STOPS PER MESA AMENDMENTS TO MAG SPECIFICATION 625 AND MANUFACTURERS RECOMMENDATIONS.
17. SEWER BUILDING CONNECTION LATERALS SHALL BE INSTALLED PER MAG STANDARD DETAIL 440. LATERAL WYES SHALL BE INSTALLED AT NO GREATER THAN A 45 DEGREE ANGLE FROM HORIZONTAL. SEWER LATERAL SLOPES SHALL BE AS INDICATED ON MAG STANDARD DETAIL 440 AND IN NO CIRCUMSTANCE SHALL SEWER LATERAL SLOPES EXCEED 7/8" PER FOOT FOR 6" LATERALS AND 1-1/2" PER FOOT FOR 4" LATERALS. FITTINGS SHALL BE INSTALLED WITH NO ANGULAR JOINT DEFLECTION AND ALL CONNECTIONS SHALL BE GASKETED OR SEALED PER MAG SPECIFICATIONS.
18. SEWER MANHOLE BASES, BENCHES, SHELVES, AND CHANNELS SHALL BE CONSTRUCTED PER MAG STANDARD DETAIL 420. EACH INLET PIPE SHALL HAVE A DESIGNATED, FORMED CHANNEL AND BENCHING. THE DIMENSIONS OF CHANNELS, SHELF SLOPE, AND MINIMUM INLET PIPE ANGLES SHALL BE CONSTRUCTED PER MAG STANDARD DETAIL 420-3.
19. PER MESA DESIGN STANDARDS, SEWER MANHOLES SHALL BE CONSTRUCTED PER MAG STANDARD DETAILS 420-1, TYPE 'A' TOP; AND 423-2 EXCEPT THAT:
    A. MANHOLE SHAFT DIAMETERS SHALL BE 5 FEET.
    B. MANHOLE RINGS AND COVERS SHALL HAVE 30-INCH DIAMETERS.
    C. STEPS SHALL NOT BE INCLUDED.

PAVING GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE ALL DRIVEWAY LOCATIONS WITH PRIVATE PROPERTY OWNERS AND THE CITY INSPECTOR.
2. FOR THE APPROVED LIST OF PAVING PRODUCTS SEE: http://www.mesaaz.gov/business/engineering/approve-products-equipment-natural-gas-line-contractors.
3. ALL GUTTER GRADES LESS THAN 0.0020 FT/FT SHALL BE STAKED ALONG THE ACTUAL GUTTER ALIGNMENT (NOT OFFSET) AND CHECKED BY CITY OF MESA INSPECTOR IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE.
4. ALL FRAMES, COVERS, VALVE BOXES, ETC. SHALL BE ADJUSTED BY THE CONTRACTOR TO FINISHED GRADE AFTER PLACEMENT OF ASPHALT CONCRETE SURFACE COURSE PER MAG STD DETAILS 270, 422, OR 391-1-C.

GAS GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT CITY OF MESA GAS OPERATIONS, MAINTENANCE, EMERGENCY RESPONSE, AND CONSTRUCTION PRACTICE MANUAL.
2. WHEN GAS MAIN AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT **480-644-2261** FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO BACKFILLING THE TRENCH.
3. BEDDING OR SHADING MATERIAL ADJACENT TO THE CITY GAS PIPE SHALL BE SELECT SANDY TYPE SOIL FREE OF ROCK OR DEBRIS THAT WILL PASS THROUGH A 3/8 INCH "SCREEN" AS INSPECTED AND APPROVED BY THE CITY GAS INSPECTION PERSONNEL.
4. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AS INDICATED ON MESA STD DETAIL M-58 WHEN TRENCHING FOR THE WATER LINE WHERE A GAS MAIN IS TO BE INSTALLED IN THE SAME TRENCH.
5. CONTACT THE GAS DIVISION AT **480-250-2982** FOR SCHEDULING AND COORDINATION OF THE INSTALLATION OF NATURAL GAS MAINS AND/OR SERVICES.
6. GAS LINE SHALL MAINTAIN A NOMINAL TWELVE (12) INCHES (MINIMUM OF EIGHT (8) INCHES) SEPARATION FROM EXISTING WATER, WASTEWATER, ELECTRICAL, CABLE TV, AND TELCO FACILITIES.

ITS/TRAFFIC SIGNAL GENERAL NOTES

1. THE CITY OF MESA REQUIRES AT LEAST TWO INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA) CERTIFIED TRAFFIC SIGNAL TECHNICIANS ON SITE DURING ALL PHASES OF ANY TRAFFIC SIGNAL WORK. AT LEAST ONE TECHNICIAN MUST LEVEL II CERTIFICATION OR HIGHER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERIFICATION OF CERTIFICATION. IF A JOB SITE IS INSPECTED AND CERTIFIED TECHNICIAN IS NOT ON SITE, A STOP WORK ORDER WILL BE ISSUED. TEMPORARY AND CONTRACT EMPLOYEES DO NOT SATISFY THIS REQUIREMENT.
2. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY TRAFFIC SIGNAL DAMAGE TO THE ENGINEERING INSPECTOR OR ITS OPERATIONS SUPERVISOR AT **480-644-3129**. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR DAMAGE TO ANY TRAFFIC SIGNAL EQUIPMENT SUCH AS CONTROLLER CABINET AND EQUIPMENT, DETECTOR LOOPS, PULL BOXES, CONDUIT, POLES, MAST ARMS, HEADS OR RELATED EQUIPMENT AS A RESULT OF THIS PROJECT. A CITY OF MESA TECHNICIAN SHALL INSPECT THESE REPAIRS.
   A. A TRAFFIC SIGNAL CANNOT BE DARK OR IN FLASH FOR MORE THAN TWO HOURS.
   B. A LOSS OF COMMUNICATION SHALL BE REPAIRED WITHIN 24 HOURS.
   C. DETECTOR LOOPS SHALL BE REPLACED IN TWO WEEKS UNLESS THE TRAFFIC SIGNAL FOREMAN AGREES IN WRITING TO A DIFFERENT SCHEDULE.
3. IF THE CONTRACTOR CANNOT RESPOND OR MAKE THE REPAIRS WITHIN ABOVE NOTED TIME FRAMES, THE CITY TRAFFIC SIGNAL GROUP WILL MAKE THE NECESSARY REPAIRS AND CHARGE THE CONTRACTOR USING A "REPAIR ORDER FORM".
4. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED TRAFFIC SIGNAL EQUIPMENT AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE BORNE BY THE CONTRACTOR.
5. IF THERE IS A TRAFFIC SIGNAL PROBLEM (INDICATION OUTAGES, KNOCKDOWNS, UTILITY POWER OUTAGES, ETC.) THAT IS NOT A DIRECT RESULT OF THE CONTRACTOR'S OR SUBCONTRACTOR'S WORK, AN ITS TECHNICIAN SHALL BE CALLED TO RESPOND. IF IT IS DETERMINED THE CONTRACTOR'S OR SUBCONTRACTOR'S WORK CAUSED THE TRAFFIC SIGNAL MALFUNCTION, THE CONTRACTOR THROUGH A "REPAIR ORDER FORM" SHALL PAY ALL COSTS OF REPAIRS.
6. TRAFFIC SIGNAL DETECTOR LOOPS SHALL BE INSTALLED IN ASPHALT CONCRETE PAVEMENT BEFORE THE FINAL LIFT. THE LOOP CONDUCTORS SHALL BE INSTALLED PER MESA STD DETAIL M-96.1.
7. THE CONTRACTOR IS ADVISED TO CONTACT THE CITY'S TRANSPORTATION CENTER AT 480-644-5888 AT LEAST 48 HOURS PRIOR TO ANY WORK WITHIN THE VICINITY OF OR THROUGH A SIGNALIZED INTERSECTION WHICH WILL CHANGE TRAFFIC LANE PATTERNS.

ITD FIBER OPTIC GENERAL NOTES

1. FIBER OPTIC DUCT WORK MAY BE INSTALLED BY EITHER OPEN CUT OR GUIDED BORE UNLESS OTHERWISE NOTED. ANY SURFACE RESTORATION RELATED TO EITHER METHOD IS A NON-PAY ITEM AND SHALL BE INCIDENTAL TO THE CORRESPONDING BID ITEM FOR CONDUIT INSTALLATION UNLESS OTHERWISE NOTED. SURFACE RESTORATION SHALL BE COMPLETED IN ACCORDANCE WITH CITY OF MESA AND MAG STANDARD SPECIFICATIONS. ASPHALT DRIVEWAY OR PARKING LOT RESTORATION SHALL COMPLY WITH MAG STD DETAIL 200, TYPE B; AND MAG SPECIFICATION SECTION 336 UNLESS OTHERWISE NOTED.
2. FOR NON-CAPITAL (PRIVATE) PROJECTS, NO COMPONENT OR PART OF THE CONDUIT FIBER SYSTEM SHALL BE INSTALLED, CONSTRUCTED, LOCATED ON, OR ATTACHED TO ANY PROPERTY WITHIN THE CITY'S PUBLIC RIGHT-OF-WAY UNTIL CONTRACTOR HAS APPLIED FOR AND RECEIVED APPROVAL FOR RIGHT-OF-WAY PERMITS AND/OR RIGHT-OF-WAY ENCROACHMENT PERMITS FOR SUCH WORK ON THE CONDUIT FIBER SYSTEM.
3. ALTHOUGH THE EXACT PLACEMENT AND LOCATIONS OF CONDUIT FIBER SYSTEM MAY BE REVISED DURING THE PERMIT PROCESS, IT IS THE CITY'S EXPRESSED DESIRE TO HAVE THE CONDUIT FIBER SYSTEM INSTALLED OUTSIDE PAVED AREAS WHENEVER FEASIBLE. FURTHERMORE, WHEN NECESSARY FOR THE CONDUIT FIBER SYSTEM TO CROSS UNDER CITY STREETS OR PAVED AREAS, THE CONTRACTOR SHALL USE DIRECTIONAL BORING PER MESA STD DETAILS M-18 AND M-18.1.
4. PULL BOXES AND VAULTS ARE SHOWN ACCORDING TO AVAILABLE DATA. FIELD ADJUSTMENTS MAY BE NECESSARY TO AVOID CONFLICTS AND INTERCEPT EXISTING CONDUIT. CONFIRM FINAL LOCATION OF ALL NEW PULL BOXES AND VAULTS WITH CITY OF MESA REPRESENTATIVE.
5. WIDTH OF PLAN SYMBOLS MAY BE GREATER THAN ACTUAL DISTURBED AREAS. ITEMS DEPICTED ON THE PLANS ARE TO BE INSTALLED WITHIN THE RIGHT-OF-WAY OR PERMANENT EASEMENT WHERE NOTED ON THE PLANS.
6. THE CITY REQUIRES AT LEAST ONE CERTIFIED TECHNICIAN ON SITE DURING ALL PHASES OF ANY TELECOMMUNICATIONS WORK. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERIFICATION OF CERTIFICATION. IF A JOB SITE IS INSPECTED AND A CERTIFIED TECHNICIAN IS NOT ON SITE, THE JOB WILL BE SHUT DOWN.
7. THE CONTRACTOR IS ADVISED TO CONTACT THE CITY'S ITS DEPARTMENT AT **480-644-3129**, 48 BUSINESS HOURS PRIOR TO ANY WORK WITHIN THE VICINITY OF OR THROUGH A SIGNALIZED INTERSECTION WHICH WILL CHANGE TRAFFIC LANE PATTERNS.
8. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY TRAFFIC SIGNAL DAMAGE TO THE ENGINEERING INSPECTOR. DAMAGE TO ANY TRAFFIC SIGNAL EQUIPMENT SUCH AS CONTROLLER CABINET AND EQUIPMENT, DETECTOR LOOPS, PULL BOXES, CONDUIT, POLES, MAST ARMS, HEADS OR RELATED EQUIPMENT AS A RESULT OF THIS PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED BY THE APPROPRIATE IMSA LEVEL CERTIFIED TRAFFIC SIGNAL TECHNICIAN ACCORDING TO CITY OF MESA TRAFFIC SIGNAL SPECIFICATION. A CITY OF MESA TRAFFIC SIGNAL TECHNICIAN SHALL INSPECT THESE REPAIRS.
   A. A TRAFFIC SIGNAL CANNOT BE DARK OR IN FLASH FOR MORE THAN TWO HOURS.
   B. A LOSS OF COMMUNICATION SHALL BE REPAIRED WITHIN 24 HOURS.
   C. DETECTOR LOOPS SHALL BE REPLACED IN TWO WEEKS UNLESS THE ITS FOREMAN AGREES IN WRITING TO A DIFFERENT SCHEDULE.
   D. IF THE CONTRACTOR CANNOT RESPOND OR MAKE THE REPAIRS WITHIN ABOVE NOTED TIME FRAMES, THE CITY OF MESA WILL MAKE THE NECESSARY REPAIRS AND CHARGE THE CONTRACTOR.
   E. IF THERE IS AN OUTAGE(S) THAT IS NOT A DIRECT RESULT OF THE CONTRACTOR'S OR SUBCONTRACTOR'S WORK, CITY OF MESA SHALL BE CALLED TO RESPOND. IF IT IS DETERMINED THE CONTRACTOR'S OR SUBCONTRACTOR'S WORK CAUSED THE OUTAGE, THE CONTRACTOR SHALL PAY ALL COSTS OF REPAIRS.
9. ALL SIDEWALK REPLACEMENT SHALL BE PER MAG STD DETAIL 230.
10. THE CONTRACTOR SHALL VIDEOTAPE THE ENTIRE PROJECT AREA PRIOR TO START OF CONSTRUCTION. THE VIDEOTAPE SHALL INCLUDE THE ENTIRE PROJECT AREA WHERE THE CONTRACTOR WILL BE PERFORMING THE WORK AND SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO STARTING WORK.
11. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF MESA TO ATTAIN ANY NECESSARY PERMITS FROM ADOT.
12. RIGHTS-OF-WAY FOR ALL WORK SPECIFIED IN THIS CONTRACT MAY NOT BE SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL NOT ENTER OR OCCUPY WITH PERSONNEL, TOOLS, EQUIPMENT, OR MATERIALS ANY PRIVATE GROUND OUTSIDE THE RIGHT-OF-WAY WITHOUT THE CONSENT OF THE OWNER.
13. POTHOLING AND RELATED SURFACE RESTORATION SHALL BE COMPLETED IN ACCORDANCE WITH CITY OF MESA STD DETAILS M-18 THRU M-18.3, MAG STD DETAIL 212, AND SPECIFICATION SECTION 335. IN THE CASE OF A CONFLICT BETWEEN THE TWO SPECIFICATIONS THE CITY OF MESA'S REQUIREMENTS SHALL PREVAIL.

ITD FIBER SPLICING AND INSTALLATION NOTES

1. THE CONTRACTOR SHALL NOTIFY THE ITD REPRESENTATIVE 48 HOURS IN ADVANCE OF FIBER OPTIC CABLE INSTALLATION INTO ANY EXISTING OR NEW CONDUIT.
2. DISTANCES SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL CAREFULLY MEASURE DISTANCES AND MAKE ALLOWANCES FOR SLACK BEFORE ORDERING AND CUTTING CABLE.
3. FUSION SPLICES SHALL BE PERFORMED WITH EQUIPMENT HAVING THE FOLLOWING FEATURES: AUTOMATIC FIBER ALIGNMENT AND AUTOMATIC LIGHT INJECTION WITH DETECTION DEVICES OR PROFILE ALIGNMENT ALGORITHMS TO PROPERLY ALIGN THE FIBER CORES AND ESTIMATE SPLICE LOSSES. "V" GROOVE ALIGNMENT SHALL NOT BE PERMITTED.
4. ALL FIBER OPTIC WORK SHALL BE PERFORMED IN OFFICE TYPE ENVIRONMENTS IN BUILDINGS, SPLICE TRAILERS AND SPLICING TENTS WITH FLOORS.
5. AT THE TIME OF FIBER OPTIC CABLE INSTALLATION, LIVE 120/240 VAC AND/OR 280 VAC POWER CONDUCTORS SERVING TRAFFIC CONTROL EQUIPMENT AND LIGHTING MAY BE PRESENT IN JUNCTION BOXES, WHERE FIBER IS TO BE INSTALLED. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS.
6. CABLE SHALL BE INSTALLED AS ONE CONTINUOUS PIECE WITH NO SPLICES, EXCEPT WHERE INDICATED ON PLANS.
7. ALL CONDUITS TO BE UTILIZED FOR THE FIBER SYSTEM SHALL BE BLOWN OUT WITH COMPRESSED AIR AND HAVE A METAL DISK MANDREL PULLED THROUGH. AN ITD REPRESENTATIVE SHALL BE ON SITE DURING MANDREL PROCEDURE.
8. INSTALL ONE (1) NO.12 XHHW COPPER STRANDED IN 1" PVC ABOVE FIBER CONDUIT.
9. THE CONTRACTOR SHALL USE LUBRICANT OF THE TYPE AND QUANTITY AS RECOMMENDED BY THE CABLE MANUFACTURER WHEN PULLING CABLE.
10. DURING PULLING, A FIBER OPTIC BREAK AWAY SWIVEL SHALL BE USED.
11. THE CONTRACTOR SHALL ENSURE THAT THE TENSILE LOAD ON THE CABLE DOES NOT EXCEED MANUFACTURER SPECIFICATIONS BY USING A SUITABLE RATED SHEAR PIN AND A SYSTEM WHICH INCLUDES A MEANS OF ALERTING THE INSTALLER WHEN PULLING TENSION APPROACHES THE LIMIT AND DISPLAYS THE ACTUAL TENSION ON THE CABLE.
12. DURING PULLING, THE CABLE SHALL BE CONTINUOUSLY LUBRICATED.
13. MANUFACTURER RECOMMENDED PULLING SPEEDS SHALL NOT BE EXCEEDED.
14. FIBER OPTIC SPLICING SHALL BE PERFORMED ONLY AT THE DESIGNATED LOCATIONS SHOWN ON THE PLANS.
15. THE CONTRACTOR SHALL CERTIFY THAT THE INSTALLATION OF THE COMMUNICATIONS CABLE SUB-SYSTEM IS IN ACCORDANCE WITH THE CABLE AND SPLICE MANUFACTURER'S RECOMMENDATIONS AND THE PROJECT SPECIFICATIONS.
16. THE CONTRACTOR SHALL NOT CAUSE THE CABLE TO VIOLATE THE MINIMUM BENDING RADIUS FOR WHICH THE CABLE WAS DESIGNED.
17. IF THE CABLE IS DAMAGED DURING INSTALLATION, THE ENTIRE LENGTH OF CABLE BETWEEN THE NEAREST SPLICE POINTS SHOWN ON THE PLANS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
18. ONE HUNDRED (100) FEET OF EACH CABLE SHALL BE LOOSELY LOOPED AND COILED IN EACH FIBER OPTIC 4' X 4' MANHOLE.
19. SIXTY (60) FEET OF EACH CABLE SHALL BE LOOSELY LOOPED AND COILED IN EACH FIBER OPTIC NO. 9 PULL BOX.
20. TWENTY-FIVE (25) FEET OF EACH CABLE SHALL BE LOOSELY LOOPED AND COILED IN EACH FIBER OPTIC NO. 7 PULL BOX.
21. TWENTY-FIVE (25) FEET OF EACH CABLE SHALL BE LOOSELY COILED AND RACKED INSIDE EQUIPMENT ROOMS.
22. THE SLACK LENGTH REQUIREMENTS ARE MINIMUMS. THE CONTRACTOR MAY PROVIDE EXTRA SLACK, NOT TO EXCEED THREE TIMES THE MINIMUM AMOUNT, FOR CONTRACTOR'S SPLICING CONVENIENCE, AT NO ADDITIONAL COST TO THE CITY.
23. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EMPTY REELS AND RESIDUAL MATERIALS.
24. A PERMANENT HIGH-QUALITY LABEL IDENTIFYING EACH CABLE SHALL BE APPLIED TO THE CABLE WITHIN TWO (2) FEET OF THE SPLICE CLOSURE AND/OR PATCH PANEL.

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

NOTICE OF EXTENDED PAYM

CITY OF MESA GENERAL NOTES

ITD FIBER OPTIC TESTING NOTES

1. ALL FIBER OPTIC TESTING SHALL BE PERFORMED WITH AN OTDR CAPABLE OF PRODUCING PC COMPATIBLE OUTPUT FILES.
2. ELECTRONIC SUBMITTAL ON CD SHALL BE REQUIRED. TEST RESULTS SUPPLIED ELECTRONICALLY SHALL BE IN PDF FORMAT, OTDR NATIVE FORMAT, AND INCLUDE OTDR SOFTWARE FOR VIEWING.
3. FIBERS SHALL BE IDENTIFIED BY STRAND NUMBER.
4. EACH BINDER SHALL HAVE A COVER SHEET INDICATING WHICH CABLE(S) WERE TESTED, THE OTDR USER'S NAME, THE REVIEWER'S NAME, THE TYPE OF TEST PERFORMED, AND THE DATE(S) OF THE TEST. FOR INTERMEDIATE RESULTS, AN INDEX OF SHEETS THAT CONTAIN ANY DISCREPANCIES WITH THE SPECIFICATIONS SHALL BE PROVIDED IMMEDIATELY FOLLOWING THE COVER SHEET.
5. COVER SHEETS FOR FINAL TEST RESULTS SHALL BEAR THE REVIEWER'S SIGNATURE, THE DATE, AND A STATEMENT INDICATING THAT THE INSTALLATION COMPLIES WITH THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
6. ALL OTDR TRACES SHALL BEAR THE SIGNATURE OR INITIALS AND PRINTED NAME OF THE CONTRACTOR'S EMPLOYEE WHO HAS REVIEWED THE TRACES. THE CONTRACTOR SHALL PLACE A CHECK MARK ON ALL TRACES THAT SATISFY THE REQUIREMENTS IDENTIFIED HEREIN. FOR INTERMEDIATE TEST RESULTS, THE CONTRACTOR SHALL HIGH LIGHT ANY DISCREPANCIES WHICH MAY EXIST AND PLACE A POST-IT FLAG ON THE SUBJECT PAGE. THE PAGE SHALL BEAR A SHORT DESCRIPTION OF THE PROPOSED CORRECTIVE ACTION (E.G. RE-SPLICE).
7. SINGLE-MODE FIBER OPTIC CABLE SHALL BE TESTED IN ACCORDANCE WITH EIA-455-61 OR ANY SUBSEQUENT REVISIONS OR REPLACEMENTS. CABLE SEGMENTS HAVING ATTENUATION GREATER THAN 0.4 DB/KM AT 1310 NM AND 0.3 DB/KM AT 1550 NM SHALL BE REJECTED. CABLE SEGMENT LOSS EVENTS GREATER THAN 0.20 DB SHALL BE REJECTED.
8. MULTI-MODE FIBER OPTIC CABLE ATTENUATION SHALL BE LESS THAN OR EQUAL TO 0.35 DB PER KM AT 1310 NM AND 0.25 DB PER KM AT1550 NM.
9. THE MAXIMUM INSERTION LOSS FOR CONNECTORS SHALL BE 0.50 DB. THE CONNECTORS SHALL BE POLISHED TO ENSURE THAT BACK REFLECTION DOES NOT EXCEED 30 DB.
10. POST INSTALLATION TESTING: THE FIBER OPTIC CABLE SHALL BE TESTED AFTER INSTALLATION TO VERIFY THE INTEGRITY OF THE FIBER OPTIC CABLE PLANT AND ITS PERFORMANCE. THE CONTRACTOR SHALL PERFORM AN INSERTION LOSS TEST ON EACH OUTSIDE PLANT CABLE USING THE ATTENUATION TEST SETS IN ACCORDANCE WITH EIA-455-171. OTDR TESTING IN ACCORDANCE WITH EIA-455-59 AND EIA-455-61 SHALL ALSO BE REQUIRED. SPLICES TESTING 0.1 DB OR GREATER SHALL BE RESPLICED BY CONTRACTOR AT NO ADDITIONAL COST TO THE CITY. CONNECTORS TEST GREATER THAN 0.5 DB SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
11. THE CONTRACTOR SHALL PERFORM BIDIRECTIONAL OTDR TESTING ON ALL FIBERS. BARE FIBER ADAPTERS SHALL BE USED FOR OTDR TESTING. THE CONTRACTOR SHALL USE A POWER METER TO PERFORM ATTENUATION MEASUREMENTS.
12. THE CONTRACTOR SHALL PERFORM OTDR TESTING ON ALL FIBERS WITH THE ITD REPRESENTATIVE PRESENT BEFORE FINAL ACCEPTANCE. THE CONTRACTOR PROVIDED OPERATOR SHALL BE QUALIFIED TO PERFORM THE TEST. WRITTEN TEST RESULTS SHALL BE PROVIDED TO THE CITY OF MESA FIELD INSPECTOR FOR EACH FIBER TESTED. UNACCEPTABLE RESULTS SHALL REQUIRE THE CONTRACTOR TO REINSTALL NECESSARY SECTIONS OF CABLE, SPLICING ONLY AT POINTS INDICATED ON PLANS, AND AT THE CONTRACTOR'S EXPENSE.
13. THE CONTRACTOR SHALL COMPLETE A FIBER OPTIC CONTINUITY TEST WITH A MODULATED LIGHT SOURCE AND POWER METER TO VERIFY THAT SPLICES HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.
14. RE-TESTING SHALL BE REQUIRED IF ANY SPLICE CLOSURE IS OPENED AFTER TESTING. AFTER COMPLETING THE REWORK, THE CONTRACTOR SHALL USE AN OTDR IN ACCORDANCE WITH EIA-455-59 AND EIA-455-61 TO TEST EACH AND EVERY FIBER STRAND PASSING THROUGH ANY SPLICE TRAY THAT WAS OPENED BY THE CONTRACTOR.

ITD FIBER OPTIC MATERIALS

1. REFERENCES TO A MANUFACTURER'S TRADE NAME OR CATALOG NUMBER ARE FOR THE PURPOSE OF IDENTIFICATION TO ESTABLISH A LEVEL OF QUALITY, AND THE CONTRACTOR WILL NOT BE PERMITTED TO FURNISH LIKE MATERIALS OF OTHER MANUFACTURERS, EXCEPT WHERE MANUFACTURER NAME IS NOT INDICATED, PROVIDED IF THEY ARE OF EQUAL QUALITY, COMPLETE WITH SPECIFICATIONS FOR THIS PROJECT, AND ARE APPROVED BY THE ENGINEER.
2. SEE TECHNICAL SPECIFICATIONS FOR FIBER OPTIC MATERIAL INFORMATION.
3. SEE TECHNICAL SPECIFICATIONS FOR PULL BOX MATERIALS INFORMATION. PULL BOX COVER LETTERING SHALL BE 1" LETTERS CAST IN STANDARD MARKINGS CITY OF MESA ITS FIBER OPTICS. PULL BOX COVER WILL BE SECURED WITH A 5-POINT SECURITY BOLT.
4. EACH FIBER SHALL BE DISTINGUISHABLE BY MEANS OF A COLOR CODE IN ACCORDANCE WITH TIA/EIA-598.
5. THE CABLE MANUFACTURER SHALL CERTIFY THAT THE CABLE IS IN CONFORMANCE WITH THE SPECIFICATIONS.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL OUTDOOR RATED SPLICE CLOSURE IN MANHOLES AND SPLICE FIBER CABLE. THE CONTRACTOR SHALL FURNISH AND INSTALL FIBER PATCH PANEL IN CABINETS AND TERMINATE FIBER. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL COUPLERS AND CONNECTORS.
7. ALL PATCH PANEL CONNECTORS SHALL BE LC TYPE CONNECTORS OR APPROVED EQUAL.

AIR PRODUCTS GENERAL NOTES

1. CONTRACTOR WILL REQUEST AND MAINTAIN A VALID ONE CALL NOTICE FOR THE DURATION OF THE EXCAVATION PERIOD. CONTRACTOR IS TO CONTACT AIR PRODUCTS 48 HOURS IN ADVANCE TO WORKING WITHIN TEN (10) FEET OF PIPELINE AT **480-225-1406**, **480-225-1889**, OR **480-899-1177**. CONTRACTOR SHALL USE SOFT DIG METHODS TO LOCATE AND IDENTIFY THE 6" NITROGEN PIPELINE WHEN THE WORK HAS BROUGHT THEM TO WITHIN FIVE (5) FEET OF THE 6" PIPELINE.
2. ANY CONTINUOUS EXPOSURE THAT UNDERMINES THE PIPELINE FOR FIFTEEN (15) FEET OR MORE SHALL BE SUPPORTED BY THE CONTRACTOR USING AN APPROVED METHOD AGREED UPON BY THE AIR PRODUCTS REPRESENTATIVE AND THE CONTRACTOR.
3. THE CONTRACTOR SHALL PROVIDE AND ALLOW SAFE JOB SITE ACCESS FOR THE AIR PRODUCTS REPRESENTATIVE TO THE NITROGEN PIPELINE FOR THE PURPOSE OF INSPECTIONS FOR PIPE AND OR COATING DAMAGE, OR REPAIR IF REQUIRED.
4. ANY NEW FACILITY BEING INSTALLED OR EXCAVATION DURING THIS PROJECT SHALL MAINTAIN A TWO (2) FOOT SEPARATION FROM THE NITROGEN PIPELINE IN ALL DIRECTIONS.
5. BACK FILL MATERIAL SHALL CONSIST OF CLEAN SAND FOR TWO FEET AROUND THE NITROGEN PIPELINE. SLURRY IS NOT TO BE PLACED ON OR WITHIN TWO (2) FOOT OF A NITROGEN PIPELINE.
6. IF DURING THE PROJECT THE CONTRACTOR ENCOUNTERS ANY AIR PRODUCTS TEST STATION(S) AND/OR VENT STATION(S) AND IT IS DETERMINED THAT A RELOCATION OF THESE FACILITIES IS NECESSARY, THE CONTRACTOR SHALL PROVIDE TRENCHING AND BACKFILLING AS REQUIRED TO AN ADEQUATE DEPTH AND WIDTH FROM THE EXISTING TEST/VENT STATION(S) TO AN AREA AGREED UPON BY ALL PARTIES IN THE FIELD. OTHER THAN WELDING, AIR PRODUCTS WILL PROVIDE THE MATERIALS AND LABOR TO RELOCATE TEST/VENT STATION(S).
7. CONTRACTOR SHALL PROVIDE PROTECTION FOR ANY AND ALL AIR PRODUCTS FACILITIES ABOVE AND BELOW GROUND WITHIN THE SCOPE OF THIS PROJECT FOR THE DURATION OF THE PROJECT.

STREET LIGHTING GENERAL NOTES

1. ALL WORKMANSHIP, MATERIAL AND INSTALLATION SHALL COMPLY WITH THE CURRENT MAG UNIFORM STANDARD DETAILS AND SPECIFICATIONS AS AMENDED BY THE CITY OF MESA, THE CITY OF MESA ENGINEERING & DESIGN STANDARDS AND THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE.
2. THE CITY OF MESA REQUIRES AT LEAST ONE IMSA CERTIFIED LEVEL I ROADWAY LIGHTING OR TRAFFIC SIGNAL TECHNICIAN ON SITE DURING ALL PHASES OF ANY STREET LIGHT WORK. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERIFICATION OF CURRENT CERTIFICATION. IF A JOB SITE IS INSPECTED AND A CERTIFIED TECHNICIAN IS NOT ON SITE, THE JOB WILL BE SHUT DOWN.
3. CONTRACTOR SHALL SUBMIT A LIST CONTAINING NAMES AND QUALIFIED STATUS OF PERSONNEL THAT WILL BE ON THE IMMEDIATE JOB SITE TO THE INSPECTOR PRIOR TO STARTING ANY TYPE OF CONSTRUCTION. ANY CHANGE IN THIS LIST WILL REQUIRE IMMEDIATE NOTIFICATION TO THE INSPECTOR.
4. DURING THE CONSTRUCTION OR WARRANTY PERIOD, IF THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITHIN TWO (2) WORKING DAYS OF A REQUEST OF THE INSPECTOR OR IF A STREET LIGHT OUTAGE MAKES IT NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE CITY WILL BE JUSTIFIED IN BILLING THE CONTRACTOR. A SEPARATE BILLING SHALL COVER EACH INCIDENT REQUIRING WORK BY CITY FORCES. THE AMOUNT OF EACH BILLING SHALL BE EITHER $350.00 OR THE ACTUAL ACCUMULATED CHARGES FOR EMPLOYEES' TIME, MATERIALS, AND EQUIPMENT, WHICHEVER IS GREATER. EMPLOYEES' TIME WILL BE BILLED AT EACH INDIVIDUAL'S HOURLY RATE PLUS THE APPLICABLE CITY OVERHEAD RATE.
5. INSPECTIONS SHALL BE REQUESTED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH THE FOLLOWING LIST:
   A. BEFORE STARTING PROJECT (PRE-JOB INSPECTION).
   B. BEFORE FILLING PULL BOX HOLES WITH AGGREGATE.
   C. BEFORE BACKFILLING TRENCH AND COVERING CONDUIT.
   D. WHEN THE POLE FOUNDATIONS ARE DUG, ANCHOR BOLTS, GROUND WIRE AND GROUND PLATE ARE READY AND IN PLACE, PRIOR TO POURING CONCRETE.
   E. BEFORE PULLING WIRE.
   F. BEFORE INSTALLATION OF FIXTURES AND PHOTOCELL.
   G. BEFORE MAKING SPLICES.
   H. WHEN PROJECT IS COMPLETED. IF NECESSARY, A LIST OF DISCREPANCIES WILL BE SUBMITTED TO THE CONTRACTOR FOR CORRECTIVE ACTION. FAILURE TO HAVE THESE ITEMS INSPECTED AND APPROVED BEFORE PROCEEDING WILL RESULT IN REJECTION OF THE WORK DONE, AND REMOVAL OF ALL SUCH WORK WILL BE REQUIRED.
6. ALL STREET LIGHTS SHALL BE CONNECTED TO THE PERMANENT POWER SUPPLY BY THE AGENCY SUPPLYING POWER. STREET LIGHT SYSTEMS WILL NOT BE ACCEPTED UNTIL THE SYSTEM HAS BEEN ENERGIZED AND FULLY OPERATIONAL FOR A MINIMUM ONE-HOUR TEST PERIOD AT RATED VOLTAGE.
7. WHERE LIGHTING CONTROL CABINETS ARE UTILIZED, STREET LIGHT CIRCUITS SHALL BE 240 VOLT. WHERE CABINETS ARE NOT USED, STREET LIGHT CIRCUITS SHALL BE 120 VOLT. ALL SERVICES SHALL BE 120/240 VOLT. ALL CONTROL CIRCUITS SHALL BE 120 VOLT.
8. BEFORE DISCONNECTING ANY EXISTING STREET LIGHTS, THE NEW LIGHT SYSTEM SHALL BE WORKING OR TEMPORARY LIGHTING INSTALLED. EXISTING STREET LIGHTS TO BE REMOVED AND NEW STREET LIGHTS SHALL NOT OPERATE AT THE SAME TIME.
9. POLES HAVING MULTIPLE LUMINAIRES SHALL HAVE TWO (2) CONDUCTORS AND ONE (1) BOND WIRE PER LUMINAIRE. THE CONDUCTORS SHALL BE MARKED AS PAIRS AT THE HAND HOLE.
10. ALL UNDERGROUND CIRCUIT CONDUCTORS SHALL BE BLACK, UNLESS OTHERWISE NOTED.
11. WHERE STREET LIGHTS OR CIRCUITS ARE 120 VOLT, ONE CONDUCTOR SHALL BE UNFUSED AND BE EITHER WHITE OR MARKED WHITE, AS REQUIRED.
12. ALL CIRCUIT CONDUCTORS IN CONDUIT SHALL BE XHHW/XHHW-2 INSULATION, EXCEPT PHOTOCELL CIRCUIT SHALL BE TRAYCABLE (SEE NOTE 13 THIS PAGE).
13. THE TRAY CABLE SHALL BE [ROME FR-EPR XHHW-2 CONDUCTORS, CPE JACKET, 600VOLTS] FRPC 4/3 (COLORS: BLACK-RED-WHITE) OR EQUIVALENT. RUN UNDERGROUND FROM THE LIGHTING CONTROL CABINET TO THE HANDHOLE OF THE PHOTOCELL LIGHT POLE, WHICH SHALL BE CONTINUOUS & WITHOUT SPLICES. FROM THE HANDHOLE UP, THREE (3) CONDUCTORS OF NO. 14 AWG THHN OR EQUIVALENT WILL BE SPLICED WITH BUTT SPLICES (NO WIRE NUTS) TO THE TERMINAL BLOCK OF THE PHOTOCELL CONTROLLED LUMINAIRE. BUTT SPLICES SHALL BE INSULATED AND THE CRIMP TYPE.
14. MINIMUM DEPTH FROM TOP OF CURB OR ROADWAY TO TOP OF CONDUIT SHALL BE TWENTY-FOUR (24) INCHES. MAXIMUM DEPTH SHALL BE FORTY-EIGHT (48) INCHES, UNLESS OTHERWISE APPROVED.
15. UNDERGROUND WIRING SHALL BE INSTALLED IN SCHEDULE 40 RIGID PVC CONDUIT, UL APPROVED FOR ABOVE GROUND AND UNDERGROUND USE WITH 90 DEGREE C WIRE. WHERE TWENTY-FOUR (24) INCHES COVER IS NOT POSSIBLE, GALVANIZED RIGID STEEL CONDUIT (GRS) SHALL BE USED.
16. GALVANIZED RIGID STEEL CONDUIT (GRS) SHALL BE DOUBLE WRAPPED WITH 20-MIL TAPE TO SIX (6) INCHES PAST THE THREADED METAL COUPLING. COMPRESSION COUPLINGS ARE NOT ALLOWED. PRIOR APPROVAL IS NEEDED FOR ANY DESIGN USING GRS CONDUIT. ALL CONDUITS SHALL BE BLOWN OUT USING 90-PSI AIR PRESSURE BEFORE PULLING WIRE.
17. A TWO-PIECE EXPANSION JOINT COUPLING SHALL BE INSTALLED IN PVC CONDUIT RUNS AT INTERVALS NOT TO EXCEED ONE-HUNDRED (100) FEET.
18. ALL FORTY-FIVE (45) AND NINETY (90) DEGREE BENDS OF CONDUIT SHALL HAVE A RADIUS OF NOT LESS THAN EIGHTEEN (18) INCHES. FACTORY BENDS ONLY SHALL BE USED.
19. ALL JOINTS BETWEEN PVC CONDUIT, COUPLINGS AND FITTINGS SHALL BE PREPARED WITH PURPLE PRIMER AND CEMENTED TOGETHER WITH GRAY PVC CEMENT.
20. THE CONDUIT LOCATIONS SHOWN ON PLANS ARE DIAGRAMMATIC REPRESENTATIONS ONLY. CONTRACTOR IS TO INSTALL CONDUIT TO AVOID CONFLICTS. THE CONTRACTOR MAY, AT HIS OPTION, BORE FOR THE PLACEMENT OF CONDUIT PER MESA STD DETAIL M-18. ALL CONDUITS SHALL BE PLACED WITHIN EXISTING RIGHT-OF-WAY UNLESS OTHERWISE APPROVED.
21. STREET LIGHT CONDUITS SHOULD BE INSTALLED PRIOR TO RESIDENTIAL DRIVEWAY INSTALLATIONS. IF STREET LIGHT CONDUIT IS INSTALLED AFTER RESIDENTIAL DRIVEWAY INSTALLATION, CONTRACTOR SHALL BORE CONDUIT UNDER DRIVEWAY. MEANDERING THE CONDUIT BEHIND THE ENTRANCE WILL NOT BE PERMITTED.
22. BACKFILL REQUIREMENTS FOR ALL TRENCHES SHALL CONFORM TO ARTICLE 300 OF THE NATIONAL ELECTRIC CODE, SECTION 601 OF THE UNIFORM STANDARD SPECIFICATIONS, AND MESA STD DETAIL M-19.4 FOR STREET TRENCH BACKFILL AND PAVEMENT REPLACEMENT.
23. WITH THE EXCEPTION OF DETACHED SIDEWALKS, PULL BOXES SHALL BE INSTALLED (SEE MESA STD DETAILS M-74.1 AND M-74.2) FIVE (5) FEET (CENTER TO CENTER) BETWEEN STREET LIGHT POLES AND PULL BOXES.
24. PHOTOCELL RECEPTACLE SHALL BE POSITIONED ON LUMINAIRE SO THAT WHEN INSTALLED, THE PHOTOCELL WILL FACE NORTH.
25. ALL SHORTING CAPS TO BE LOW PROFILE TYPE. NO HIGHER THAN 1-1/2" ABOVE SOCKET.
26. ALL PHOTOCELL CIRCUIT CONDUIT MUST BE 1-1/2" OR LARGER (TO INCLUDE CONDUIT STUBBING UP AT PHOTOCELL LIGHT POLE).
27. ALL FINISHED POLE FOUNDATIONS, SERVICE ENTRANCE SECTIONS, LIGHTING CONTROL CABINET PADS AND PULLBOXES SHALL BE AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
28. WHEN CONCRETE FOUNDATIONS ARE POURED, THEY SHALL BE VIBRATED WITH A MECHANICAL VIBRATOR.
29. POLE FOUNDATIONS SHALL CURE FOR 72 HOURS BEFORE INSTALLING LIGHT POLES OR REMOVING POLE BRACING.
30. ALL POLE FOUNDATIONS SHALL HAVE A COPPER GROUNDING PLATE PER MESA STD DETAIL M-73.6, G-101.
31. ALL STEEL POLES AND STEEL POLE PARTS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH MAG STANDARD SPECIFICATION 771.
32. ALL POLES SHALL BE WIRED USING TWO (2) NO. 12 BLACK THHN/THWN 90 DEGREE C STRANDED COPPER CONDUCTORS, 600 VOLT, NEC APPROVED AND ONE (1) NO.12 GREEN THHN/THWN STRANDED COPPER BOND WIRE GROUNDING THE LUMINAIRE. WIRES SHALL RUN FROM THE LUMINAIRE TO MINIMUM OF TWELVE (12) INCHES BELOW POLE HANDHOLE FOR TERMINATION. POLES HAVING MULTIPLE LUMINAIRES SHALL HAVE TWO (2) CONDUCTORS AND ONE (1) BOND WIRE PER LUMINAIRE, AND THE CONDUCTORS SHALL BE MARKED AS PAIRS AT THE HANDHOLE.
33. THREE WIRES SHALL BE RUN CONTINUOUSLY WITHOUT SPLICES FROM THE PHOTOCELL TO THE HAND HOLE COVER WHERE IT WILL BE BUTT SPLICED TO THE 14-4 TRAY (SEE NOTE 13 THIS PAGE). THEY SHALL BE NO. 12 THHN/THWN 90 DEGREE C STRANDED COPPER CONDUCTORS, 600 VOLT, NEC APPROVED. THE "POWER TO PHOTO" SHALL BE IDENTIFIED BY BLACK INSULATION. THE "POWER FROM PHOTO" SHALL BE IDENTIFIED BY RED INSULATION. THE NEUTRAL SHALL BE IDENTIFIED BY WHITE INSULATION.
34. ALL LIGHTING CONDUCTORS AND BOND WIRES SHALL BE COPPER.
35. ALL PVC CONDUIT RUNS SHALL CONTAIN A MINIMUM NO. 8 GREEN XHHW INSULATED SEVEN (7) STRAND COPPER BOND WIRE.
36. ALL CONDUCTORS SHALL BE STRANDED.
37. THE NO. 8 STRANDED GROUNDING WIRE IN THE CONCRETE POLE FOUNDATION GOING TO THE GROUNDING PLATE SHALL BE INSULATED WITH XHHW INSULATION THROUGH THE CONCRETE FOUNDATION AND TWO (2) INCHES EACH SIDE OF THE CONCRETE FOUNDATION.
38. ALL LIGHTING CONTROL CABINETS SHALL BE INSTALLED WITHIN TWO (2) WEEKS OF BEGINNING THE STREET LIGHT IMPROVEMENTS.
39. EACH LUMINAIRE SHALL BE FUSED BEHIND THE POLE HANDHOLE COVER USING AN HEB TYPE FUSE HOLDER WITH INSULATING BOOTS AND A 5-AMP FNM FUSE OR APPROVED EQUAL.
40. ALL FINISHED STREET LIGHT POLE FOUNDATIONS AND CONTROLLER PAD SHALL BE AT SIDEWALK GRADE AND ADJACENT TO SIDEWALK UNLESS OTHERWISE NOTED. STREET LIGHT PULL BOXES SHALL BE AT SIDEWALK GRADE AND TWELVE (12) INCHES FROM SIDEWALK UNLESS OTHERWISE NOTED. (MESA STD DETAIL M-74.2, INSTALLATION NOTE 1).
41. PROJECT SHALL BE BLUE STAKED BEFORE ANY DIGGING IS STARTED BY CALLING **602-263-1100** OR **811**.
42. ALL HIGH-PRESSURE SODIUM LAMPS SHALL CONFORM TO THE APPROPRIATE LAMP SPECIFICATION FOR ITS PARTICULAR WATTAGE. SEE LAMP SPECIFICATION, MESA STD DETAIL M-71.
43. ALL SPLICES INCLUDING GROUNDS AND BONDS SHALL BE DONE WITH A GEL CAP STUB SPLICE KIT, GEL CAP #SL-2/0-3 HOLE, OTHER GEL CAP PRODUCTS OF APPROPRIATE SIZE OR APPROVED EQUAL. FOR APPROVED STREET LIGHT MATERIALS SEE: http://www.mesaaz.gov/business/engineering/approve-products-equipment-natural-gas-line-contractors.
44. STATION NUMBERS ARE APPROXIMATE. IN SUBDIVISIONS, LOCATE STREET LIGHT POLES AND LIGHTING CONTROL CABINETS ACCORDING TO LOT LINE MEASUREMENTS.
45. STREET PAVING PERMITTEE/CONTRACTOR IS HEREBY NOTIFIED THAT STREET PAVING WILL NOT BE ACCEPTED BY THE CITY OF MESA UNTIL ALL STREET LIGHTS, RETENTION BASINS AND LANDSCAPING IMPROVEMENTS ARE INSTALLED AND ACCEPTED.
46. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL WORK ASSOCIATED WITH THE STREET LIGHTING SYSTEM IS INSPECTED AND APPROVED BY THE CITY PRIOR TO BACKFILLING TRENCHES OR COVERING ANY WORK. CONTACT THE CITY OF MESA ENGINEERING FIELD INSPECTOR TO ARRANGE FOR STREET LIGHT SYSTEM INSPECTION.
47. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL P-301 POLES WHERE IMPACTED BY PROJECT REQUIREMENTS. ALL OTHER LIGHTING EQUIPMENT SHALL BE RETURNED TO THE LIGHTING FOREMAN (**480-644-3178**) WITH 48 HOURS NOTICE.

LANDSCAPE GENERAL NOTES

1. LANDSCAPE CONTRACTOR SHALL CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION AND SHALL BE RESPONSIBLE FOR THE FOLLOWING:
   A. DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES.
   B. DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.
   C. INSPECTING THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
2. INSTALLATION OF ALL LANDSCAPE AND IRRIGATION MATERIALS SHALL COMPLY WITH SECTIONS 424, 425, 757, AND 795 OF THE MAG STANDARD SPECIFICATIONS.
3. CONTRACTOR SHALL REPAIR ANY DAMAGE MADE TO THE EXISTING SPRINKLER SYSTEM TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST TO THE CITY.
4. LANDSCAPE REMOVAL IS A NON-PAY ITEM UNLESS OTHERWISE NOTED.
5. ALL EXISTING VEGETATION, WEEDS, DEBRIS, ETC. NOTED TO BE REMOVED ON THE PLANS AND SPECIFICATIONS SHALL BE REMOVED FROM PROJECT AREA AND DISPOSED OF PROPERLY OFF THE SITE AT THE CONTRACTOR'S EXPENSE (SCARIFY EXISTING SUBGRADE, MINIMUM SIX (6) INCHES DEPTH).
6. DAMAGE TO TURF SHALL BE REPAIRED BY CONTRACTOR, I.E., RUTS FILLED WITH CLEAN SOIL, COMPACTED TO MATCH SURROUNDING GRADES, EXCESS SOIL, ROCK, ETC. SHALL BE REMOVED TO LEAVE THE SITE CLEAN.
7. ALL PLANT MATERIAL, OTHER THAN TREES, SHALL CONFORM TO GRADING, TYPE, ETC. AS SET FORTH IN THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN. ALL TREES SHALL CONFORM TO THE CURRENT ARIZONA NURSERY ASSOCIATION TREE SPECIFICATIONS AND MAG SPEC 795.7. SHOULD ANY CONFLICTS IN THE SPECIFICATIONS OCCUR, THE ARIZONA NURSERY ASSOCIATION'S SPECIFICATIONS SHALL PREVAIL.
8. CITY RESERVES THE RIGHT TO INSPECT SHRUBS AND CONTAINERED TREES FOR CONDITION OF ROOT BALLS. FOR ANY SUCH INSPECTIONS WHICH MAY DESTROY ROOTBALL, CONTRACTOR SHALL SUPPLY ADDITIONAL PLANT AT NO COST TO CITY.
9. PLANT PITS SHALL BE INSPECTED BY CITY PRIOR TO PLANTING BY THE CONTRACTOR BY REQUESTING AN INSPECTION 48 HOURS IN ADVANCE.
10. ROUGH AND FINE GRADING TO ESTABLISH UNIFORM SMOOTH GRADE IS INCLUDED IN THIS PROJECT.
11. SOIL TEST FOR FERTILITY AND ADDITIVE RECOMMENDATIONS (FOR TURF AND ORNAMENTALS) SHALL BE COMPLETED BY CONTRACTOR TO DETERMINE IF ADDITIVES ARE REQUIRED. CONTRACTOR SHALL PROVIDE COPY OF SOIL TEST RESULTS FOR REVIEW AND APPROVAL TO ENGINEERING INSPECTOR AT LEAST SEVEN (7) DAYS PRIOR TO ANTICIPATED PLANTING. AFTER APPROVAL BY THE CITY, THE CONTRACTOR SHALL PROVIDE AND INCORPORATE ANY ADDITIVES REQUIRED PRIOR TO OR AT TIME OF PLANTING.
12. PLANT PIT SOIL MIXTURE SHALL CONSIST OF FOUR AND ONE-HALF PARTS NATURAL FERTILE, FRIABLE SOIL AND ONE PART HUMUS BY VOLUME, THOROUGHLY MIXED PRIOR TO BACKFILLING IN PITS. BACKFILLING SHALL BE IN 6" LIFTS WITH EACH LIFT WATER SETTLED WITHOUT PUDDLING.
13. CONTRACTOR SHALL STAKE TREE AND SHRUB LOCATIONS FOR 5-GALLON PLANTS AND LARGER. STAKES SHALL BE MARKED WITH PLANT NAME OR PLANT LEGEND ITEM NUMBER FROM PLANS.
14. ALL EXISTING (GAS, ELECTRIC, WATER, ETC.) COVERS AND BOXES SHALL REMAIN UNCOVERED. CONTRACTOR TO ADJUST TO FINAL GRADE AS NECESSARY. NON-PAY ITEM (NPI) UNLESS OTHERWISE NOTED.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE UNDERGROUND SPRINKLER SYSTEMS IN ADVANCE OF CONSTRUCTION. THE SPRINKLER SYSTEM LOCATIONS NOTED ON PLANS ARE FOR REFERENCE ONLY.
16. CONTRACTOR TO VERIFY DEPTH OF ALL INLET STRUCTURES AND SPRINKLER SYSTEMS PRIOR TO TRENCHING FOR LOW-FLOW CHANNEL.
17. CONTRACTOR TO PROVIDE PUMPING WITHIN FIVE (5) DAYS AFTER THE NOTICE TO PROCEED IS GIVEN AS REQUIRED TO DRY THE AREA SUFFICIENTLY TO BEGIN CONSTRUCTION.
18. CONTRACTOR SHALL ARRANGE FOR SPRINKLER SYSTEM SHUTDOWN DURING CONSTRUCTION BY CONTACTING THE ENGINEERING INSPECTOR.
19. NO ROCKS LARGER THAN 1" IN DIAMETER SHALL BE ALLOWED IN THE TOP SIX (6) INCHES OF TOPSOIL WHERE TURF ESTABLISHMENT IS SPECIFIED. ROCK REMOVAL AS NECESSARY IS A NON-PAY (NPI) ITEM UNLESS OTHERWISE NOTED.
20. WHERE CALICHE IS ENCOUNTERED IN PLANT PITS, DEPTH AND WIDTH OF PIT SHALL BE INCREASED BY ONE-THIRD (1/3) OVER SPECIFICATION, AND A LIQUID PENETRATOR, "AL-KALICHE" OR EQUAL, SHALL BE INCORPORATED FOR EACH PIT PER MANUFACTURER'S RECOMMENDATIONS.
21. CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE TO A ROLLED DEPTH PER THE APPROVED PLANS AND SPECIFICATIONS. DECOMPOSED GRANITE SHALL BE PER THE APPROVED PLANS AND SPECIFICATIONS WITH THE COLOR AS SPECIFIED ON THE PLANS. PRE-EMERGENT HERBICIDE SHALL BE APPLIED BEFORE AND AFTER PLACEMENT OF DECOMPOSED GRANITE PER THE MANUFACTURER'S RECOMMENDATIONS. PRE-EMERGENT HERBICIDE SHALL BE SURFLAN, DACTHAL, OR APPROVED EQUAL. SAMPLE TO BE PROVIDED FOR CITY REVIEW AND APPROVAL. CONTRACTOR SHALL WASH OFF ROCK MULCH ONCE FINAL PLACEMENT HAS OCCURRED.
22. RESTORE ALL EXISTING LANDSCAPE IRRIGATION SYSTEMS, COMPONENTS AND LANDSCAPE AREAS IMPACTED BY ANY WORK UNDER THIS CONTRACT. RESTORE ALL EXISTING IRRIGATION AND LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE RESTORATION NOTES INDICATED WITHIN THESE DOCUMENTS. AT A MINIMUM, ALL RESTORATION SHALL BE IN ACCORDANCE WITH M.A.G. SPECIFICATION 107.9 - PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE. ALL RESTORATION WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY OF MESA ENGINEER.
23. ALL RESTORATION WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE REFERENCED DETAILS AND ANY ADDITIONAL DETAILS PROVIDED.
24. REFER TO LANDSCAPE PLANTING SHEETS AND ENGINEERING DRAWINGS FOR ADDITIONAL RESTORATION NOTES AND REQUIRED COORDINATION.

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

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FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
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MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
GENERAL NOTES

FUJI NO.:	CLIENT

CITY OF MESA GENERAL NOTES

LANDSCAPE IRRIGATION GENERAL NOTES

1. IRRIGATION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE INTENDED TO CONCEPTUALLY CONVEY FULL COVERAGE BY THE IRRIGATION SYSTEM. PRINTS SHALL NOT BE SCALED. IRRIGATION LINES SHALL BE PLACED IN PLANTERS AND TURF AREAS, RATHER THAN UNDER PAVEMENT, WHERE POSSIBLE. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION LAYOUT OF THE SYSTEM IN ACCORDANCE WITH THE DRAWINGS TO PROPORTIONALLY COVER THE GIVEN AREAS AS SHOWN. THE LAYOUT MAY BE MODIFIED IF NECESSARY TO OBTAIN FULL COVERAGE TO SUIT THE MANUFACTURER'S STANDARD SPECIFIED HEADS. MODIFICATIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE ANY MODIFICATIONS ARE TO BE INSTALLED. DO NOT DECREASE THE NUMBER OF IRRIGATION HEADS OR EMITTERS INDICATED UNLESS THE LANDSCAPE ARCHITECT IS NOTIFIED IN WRITING AND HAS ACCEPTED. THE SYSTEM SHALL BE TESTED FOR COMPLETE COVERAGE AND ALL NECESSARY AND PROPER ADJUSTMENTS HAVE BEEN MADE TO GET FULL AND PROPER COVERAGE PRIOR TO ACCEPTANCE BY THE OWNER
2. PRIOR TO THE INSTALLATION OF ANY IRRIGATION SYSTEM COMPONENTS THE CONTRACTOR SHALL VERIFY THE STATIC PRESSURE OF THE AVAILABLE WATER POINT OF CONNECTION. IN THE EVENT THAT THE STATIC PRESSURE IS LESS THAN THE FIELD VERIFIED AMOUNT NOTED IN THE APPROVED PLANS AND SPECIFICATIONS THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF THE DISCREPANCY. THE LANDSCAPE ARCHITECT WILL ASSESS THE SITUATION AND ADJUST THE DESIGN IF NECESSARY. THE CONTRACTOR SHALL NOT CONTINUE IRRIGATION WORK UNTIL THE LANDSCAPE ARCHITECT HAS PROVIDED WRITTEN APPROVAL TO DO SO.
3. ALL IRRIGATION PIPE TYPE AND SIZE PER THE APPROVED PLANS AND SPECIFICATIONS. ALL MAINLINE PIPE SHALL BE NEW PVC PIPE. ALL MAINLINE FITTINGS SHALL BE ASTM 2466 OR ASTM 2464 FITTINGS. ALL LATERAL LINE PIPE SHALL BE NEW PVC PIPE. FITTINGS ON ALL PVC LATERAL LINES SHALL BE ASTM 2466 FITTINGS UNLESS OTHERWISE SHOWN ON THE PLANS AND DETAILS.
4. LIVE IRRIGATION MAINLINES SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINISH GRADE. BACKFILL THE TRENCH AROUND LIVE SERVICE MAINLINES ACCORDING TO CITY OF MESA STANDARDS. LATERAL LINES SHALL BE PLACED A MINIMUM OF 18" BELOW FINISH GRADE.
5. WATER SERVICE LINE TO METER WILL BE PROVIDED BY GENERAL CONTRACTOR. WATER METER WILL BE INSTALLED BY THE CITY. INSTALL THE IRRIGATION MAINLINE TO THE BACKFLOW PREVENTION DEVICE AND WATER METER, CONNECTIONS AND BACKFLOW SHALL BE INSTALLED AS PER INDUSTRY AND CITY OF MESA STANDARDS.
6. ALL VALVES SHALL BE LOCATED IN GROUPS AS SHOWN ON DRAWINGS IN LANDSCAPE AREAS. VALVES SHALL BE LOCATED A MINIMUM OF 12" AWAY FROM ANY BUILDING, FENCE, MOWSTRIP, SIDEWALK OR CURB.
7. ALL VALVES ARE TO BE WIRED TO CONTROLLERS USING #14 AWG DIRECT BURY WIRE AND WATER-RESISTANT WIRE CONNECTORS. COMMON WIRE SHALL BE #12 AWG DIRECT BURIAL WIRE AND WATER-RESISTANT WIRE CONNECTORS. ALL VALVE WIRES UNDER PAVING SHALL BE INSTALLED IN SCHEDULE 40 PVC SLEEVES BURIED 24" DEEP. RUN ONE EXTRA WIRE FROM THE CONTROLLER TO EACH GROUP OF VALVES FOR FUTURE USE AND COIL A 48" LOOP OF WIRE IN A PULL BOX. MARK THE WIRE COIL WITH A CHRISTY TAG NOTING ITS CORRESPONDING STATION NUMBER.
8. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE NEW IRRIGATION CONTROLLER IN THE LOCATION INDICATED ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR POWER CONNECTIONS FROM THE ELECTRICAL METER AND ALL SYSTEMS.
9. PROVIDE AND INSTALL ALL THE MANUFACTURER'S RECOMMENDED SURGE AND LIGHTNING PROTECTION EQUIPMENT ON ALL CONTROLLERS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY SITE ITEMS DAMAGED DURING THE COURSE OF CONSTRUCTION WHERE CONSTRUCTION ACTIVITIES HAVE DISTURBED THE SITE INSIDE OR OUTSIDE OF THE CONTRACT LIMITS. ALL AREAS SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION. REPAIRED AREAS SHALL BE CONSTRUCTED TO PROVIDE A SMOOTH TRANSITION IN GRADING AND MATERIALS FROM EXISTING TO NEW CONSTRUCTION.
11. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF THE IRRIGATION SYSTEM SHOWING EXACT MEASURED AND DIMENSIONED LOCATIONS OF ALL VALVE BOXES, PULL BOXES, QUICK COUPLERS, METER MANIFOLD EQUIPMENT, CONTROLLERS, SLEEVES AND OTHER ITEMS. TIE DIMENSIONS TO PERMANENT FEATURES SUCH AS STRUCTURES.
12. IRRIGATION SLEEVES SHALL BE INSTALLED BENEATH ALL PAVEMENT, DRIVEWAYS AND DRAINAGE STRUCTURES THAT ARE CROSSED WITH IRRIGATION MAINLINE OR LATERAL PIPE OR CONTROLLER WIRE. ALL SLEEVES SHALL BE SCHEDULE 40 PIPE. SIZE SHALL BE 4" FOR ALL PIPING. SIZE SHALL BE 2" WHERE ONLY CONTROLLER WIRE IS PROVIDED. SLEEVES SHALL BE EXTENDED 6" INTO LANDSCAPE AREA.
13. ONLY ONE VALVE SHALL BE PROVIDED PER VALVE BOX. ALL HARDWARE SHALL BE STAINLESS STEEL. BOLTS SHALL HAVE WASHERS. EXPANSION COILS SHALL BE PROVIDED AT EACH WIRE CONNECTION IN VALVE BOX. WRAP WIRE AROUND 1/2" PVC PIPE 15 TIMES. COVER SHALL BE EMBOSSED WITH 1/2" LETTERS ON CONTROLLER AND ON VALVES WITH CORRESPONDING FIELD NUMBER.
14. ADEQUATE PRESSURE SHALL BE VERIFIED FOR ALL PIPE RUNS PRIOR TO COVERING PIPE IN TRENCHES. OWNER'S REPRESENTATIVE SHALL BE PRESENT FOR ALL IRRIGATION PRESSURE TESTING PRIOR TO COVERING TRENCHES.
15. ALL WORK AND MATERIALS MUST MEET CITY OF MESA STANDARDS.
16. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS INCLUDING ALL APPURTENANCES AND LABOR NECESSARY TO INSTALL THE COMPLETE AUTOMATIC SPRINKLER SYSTEM FROM THE METER. WATER USAGE CHARGES SHALL BE PAID BY CONTRACTOR UNTIL PROJECT FINAL ACCEPTANCE BY CITY OF MESA.
17. PROJECT RECORD DRAWINGS FOR IRRIGATION SYSTEM:
    A. MAINTAIN ON SITE AND SEPARATE FROM DOCUMENTS USED FOR CONSTRUCTION, ONE COMPLETE SET OF CONTRACT DOCUMENTS AS PROJECT RECORD DOCUMENTS. KEEP DOCUMENTS CURRENT. DO NOT PERMANENTLY COVER WORK UNTIL AS-BUILT INFORMATION IS RECORDED.
    B. RECORD PIPE AND WIRING NETWORK ALTERATIONS. RECORD WORK WHICH IS INSTALLED DIFFERENTLY THAN SHOWN ON THE CONSTRUCTION DRAWINGS. RECORD ACCURATE REFERENCE DIMENSIONS, MEASURED FROM AT LEAST TWO PERMANENT REFERENCE POINTS, OF EACH IRRIGATION SYSTEM VALVE, EACH BACKFLOW PREVENTION DEVICE, EACH CONTROLLER OR CONTROLLER UNIT, EACH SLEEVE END, EACH STUB-OUT FOR FUTURE PIPE OR WIRING CONNECTIONS, AND OTHER IRRIGATION COMPONENTS ENCLOSED WITHIN A VALVE BOX.

PARK LIGHT GENERAL NOTES

1. ALL WORKMANSHIP, MATERIAL AND INSTALLATION SHALL COMPLY WITH THE CURRENT M.A.G. UNIFORM STANDARD DETAILS AND SPECIFICATIONS AS AMENDED BY THE CITY OF MESA, THE CITY OF MESA ENGINEERING & DESIGN STANDARDS AND THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE.
2. DURING THE CONSTRUCTION OR WARRANTY PERIOD, IF THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITHIN TWO (2) WORKING DAYS OF A REQUEST OF THE INSPECTOR OR IF A PARK LIGHT OUTAGE MAKES IT NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE CITY WILL BE JUSTIFIED IN BILLING THE CONTRACTOR. A SEPARATE BILLING SHALL COVER EACH INCIDENT REQUIRING WORK BY CITY FORCES. THE AMOUNT OF EACH BILLING SHALL BE EITHER $350.00 OR THE ACTUAL ACCUMULATED CHARGES FOR EMPLOYEES' TIME, MATERIALS, AND EQUIPMENT, WHICHEVER IS GREATER. EMPLOYEES' TIME WILL BE BILLED AT EACH INDIVIDUAL'S HOURLY RATE PLUS THE APPLICABLE CITY OVERHEAD RATE.
3. INSPECTIONS SHALL BE REQUESTED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH THE FOLLOWING LIST:
    A. BEFORE STARTING PROJECT (PRE-JOB INSPECTION).
    B. BEFORE FILLING PULL BOX HOLES WITH AGGREGATE.
    C. BEFORE BACKFILLING TRENCH AND COVERING CONDUIT.
    D. WHEN THE POLE FOUNDATIONS ARE DUG, ANCHOR BOLTS, GROUND WIRE AND GROUND PLATE ARE READY AND IN PLACE, PRIOR TO POURING CONCRETE.
    E. BEFORE PULLING WIRE.
    F. BEFORE INSTALLATION OF FIXTURES AND PHOTOCELL.
    G. BEFORE MAKING SPLICES.
    H. WHEN PROJECT IS COMPLETED.

    IF NECESSARY, A LIST OF DISCREPANCIES WILL BE SUBMITTED TO THE CONTRACTOR FOR CORRECTIVE ACTION. FAILURE TO HAVE THESE ITEMS INSPECTED AND APPROVED BEFORE PROCEEDING WILL RESULT IN REJECTION OF THE WORK DONE, AND REMOVAL OF ALL SUCH WORK WILL BE REQUIRED.
4. ALL PARK LIGHTING SHALL BE CONNECTED TO THE PERMANENT POWER SUPPLY BY THE AGENCY SUPPLYING POWER. STREET LIGHT SYSTEMS WILL NOT BE ACCEPTED UNTIL THE SYSTEM HAS BEEN ENERGIZED AND FULLY OPERATIONAL FOR A MINIMUM ONE-HOUR TEST PERIOD AT RATED VOLTAGE.
5. BEFORE DISCONNECTING ANY EXISTING LIGHTS, THE NEW LIGHT SYSTEM SHALL BE WORKING OR TEMPORARY LIGHTING INSTALLED. EXISTING PARK LIGHTS TO BE REMOVED AND NEW PARK LIGHTS SHALL NOT OPERATE AT THE SAME TIME.
6. POLES HAVING MULTIPLE LUMINAIRES SHALL HAVE TWO (2) CONDUCTORS AND ONE (1) BOND WIRE PER LUMINAIRE. THE CONDUCTORS SHALL BE MARKED AS PAIRS AT THE HANDHOLE. ALL UNDERGROUND CIRCUIT CONDUCTORS SHALL BE BLACK, UNLESS OTHERWISE NOTED.
7. MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF CONDUIT SHALL BE THIRTY-SIX (36) INCHES. MAXIMUM DEPTH SHALL BE FORTY-EIGHT (48) INCHES, UNLESS OTHERWISE APPROVED.
8. UNDERGROUND WIRING SHALL BE INSTALLED IN SCHEDULE 40 RIGID PVC CONDUIT, UL APPROVED FOR ABOVE GROUND AND UNDERGROUND USE WITH 90 DEGREE C WIRE. WHERE THIRTY-SIX (36) INCHES COVER IS NOT POSSIBLE, GALVANIZED RIGID STEEL CONDUIT (GRS), SHALL BE USED. GRS CONDUIT SHALL BE DOUBLE WRAPPED WITH 20-MIL TAPE TO SIX (6) INCHES PAST THE THREADED METAL COUPLING. COMPRESSION COUPLINGS ARE NOT ALLOWED. PRIOR APPROVAL IS NEEDED FOR ANY DESIGN USING GRS CONDUIT.
9. ALL CONDUITS SHALL BE BLOWN OUT USING 90-PSI AIR PRESSURE BEFORE PULLING WIRE.
10. A TWO-PIECE EXPANSION JOINT COUPLING SHALL BE INSTALLED IN PVC CONDUIT RUNS AT INTERVALS NOT TO EXCEED ONE-HUNDRED (100) FEET.
11. ALL FORTY-FIVE (45) AND NINETY (90) DEGREE BENDS OF CONDUIT SHALL HAVE A RADIUS OF NOT LESS THAN EIGHTEEN (18) INCHES. FACTORY BENDS ONLY SHALL BE USED.
12. ALL JOINTS BETWEEN PVC CONDUITS, COUPLINGS & FITTINGS SHALL BE PREPARED WITH PURPLE PRIMER AND CEMENTED TOGETHER WITH GRAY PVC CEMENT.
13. THE CONDUIT LOCATIONS SHOWN ON PLANS ARE DIAGRAMMATIC REPRESENTATIONS ONLY. CONTRACTOR IS TO INSTALL CONDUIT TO AVOID CONFLICTS. THE CONTRACTOR MAY AT HIS OPTION BORE FOR THE PLACEMENT OF CONDUIT PER MESA STD DETAIL M-18 AND M-18.1. ALL CONDUITS SHALL BE PLACED WITHIN EXISTING RIGHT-OF-WAY UNLESS OTHERWISE APPROVED.
14. LIGHTING CONDUITS SHOULD BE INSTALLED PRIOR TO DRIVEWAY, PARKING LOT, OR SIDEWALK INSTALLATIONS. IF LIGHTING CONDUIT IS INSTALLED AFTER DRIVEWAY, PARKING LOT, OR SIDEWALK INSTALLATIONS, CONTRACTOR SHALL BORE CONDUIT UNDER DRIVEWAY.
15. BACKFILL REQUIREMENTS FOR ALL TRENCHES SHALL CONFORM TO ARTICLE 300 OF THE N.E.C., SECTION 601 OF THE UNIFORM STANDARD SPECIFICATIONS, AND MESA STD DETAIL M-19.4 FOR STREET TRENCH BACKFILL AND PAVEMENT REPLACEMENT.
16. WITH THE EXCEPTION OF DETACHED SIDEWALKS, PULL BOXES SHALL BE INSTALLED (SEE MESA STD DETAILS M-74.1 AND M-74.2) FIVE (5) FEET (CENTER TO CENTER) BETWEEN STREET LIGHT POLES AND PULL BOXES.
17. PHOTOCELL RECEPTACLE SHALL BE POSITIONED ON LUMINAIRE SO THAT WHEN INSTALLED THE PHOTOCELL WILL FACE NORTH.
18. ALL SHORTING CAPS TO BE LOW PROFILE TYPE. NO HIGHER THAN 1-1/2" ABOVE SOCKET.
19. ALL PHOTOCELL CIRCUIT CONDUIT MUST BE 1-1/2" OR LARGER (TO INCLUDE CONDUIT STUBBING UP AT PHOTOCELL LIGHT POLE).
20. ALL FINISHED POLE FOUNDATIONS, SERVICE ENTRANCE SECTIONS, LIGHTING CONTROL CABINET PADS AND PULLBOXES SHALL BE AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
21. WHEN CONCRETE FOUNDATIONS ARE POURED, THEY SHALL BE VIBRATED WITH A MECHANICAL VIBRATOR.
22. POLE FOUNDATIONS SHALL CURE FOR 72 HOURS BEFORE INSTALLING LIGHT POLES OR REMOVING POLE BRACING.
23. ALL POLE FOUNDATIONS SHALL HAVE A COPPER GROUNDING PLATE PER MESA STD DETAIL M-73.6, G-101.
24. ALL STEEL POLES AND STEEL POLE PARTS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH MAG STANDARD SPECIFICATION 771.
25. ALL POLES SHALL BE WIRED USING TWO (2) NO. 12 BLACK THHN/THWN 90 DEGREE C STRANDED COPPER CONDUCTORS, 600 VOLT, NEC APPROVED AND ONE (1) NO. 12 GREEN THHN/THWN STRANDED COPPER BOND WIRE GROUNDING THE LUMINAIRE. WIRES SHALL RUN FROM THE LUMINAIRE TO MINIMUM OF TWELVE (12) INCHES BELOW POLE HANDHOLE FOR TERMINATION. POLES HAVING MULTIPLE LUMINAIRES SHALL HAVE TWO (2) CONDUCTORS AND ONE (1) BOND WIRE PER LUMINAIRE, AND THE CONDUCTORS SHALL BE MARKED AS PAIRS AT THE HANDHOLE.
26. THREE WIRES SHALL BE RUN CONTINUOUSLY WITHOUT SPLICES FROM THE PHOTOCELL LIGHTING CONTROL CABINET. THEY SHALL BE NO. 12 THHN/THWN 90 DEGREE C STRANDED COPPER CONDUCTORS, 600 VOLT, NEC APPROVED. THE "POWER TO PHOTO" SHALL BE IDENTIFIED BY BLACK INSULATION. THE "POWER FROM PHOTO" SHALL BE IDENTIFIED BY RED INSULATION. THE NEUTRAL SHALL BE IDENTIFIED BY WHITE INSULATION.
27. ALL LIGHTING CONDUCTORS AND BOND WIRES SHALL BE COPPER.
28. ALL PVC CONDUIT RUNS SHALL CONTAIN A MINIMUM NO. 8 GREEM XHHW INSULATED SEVEN (7) STRAND COPPER BOND WIRE.
29. ALL CONDUCTORS SHALL BE STRANDED.
30. THE NO. 8 STRANDED GROUNDING WIRE IN THE CONCRETE POLE FOUNDATION GOING TO THE GROUNDING PLATE SHALL BE INSULATED WITH XHHW INSULATION THROUGH THE CONCRETE FOUNDATION AND TWO (2) INCHES EACH SIDE OF THE CONCRETE FOUNDATION.
31. ALL LIGHTING CONTROL CABINETS SHALL BE INSTALLED WITHIN TWO (2) WEEKS OF BEGINNING THE STREET LIGHT IMPROVEMENTS.
32. EACH LUMINAIRE SHALL BE FUSED BEHIND THE POLE HANDHOLE COVER USING AN HEB TYPE FUSE HOLDER WITH INSULATING BOOTS AND A 5-AMP FNM FUSE OR APPROVED EQUAL.
33. ALL PULLBOXES AND LIGHTING CONTROL CABINET PADS SHALL BE ADJACENT TO SIDEWALK UNLESS OTHERWISE NOTED.
34. PROJECT SHALL BE BLUE STAKED BEFORE ANY DIGGING IS STARTED BY CALLING **602-263-1100** OR **811**.
35. ALL HIGH-PRESSURE SODIUM LAMPS SHALL CONFORM TO THE APPROPRIATE LAMP SPECIFICATION FOR ITS PARTICULAR WATTAGE. SEE LAMP SPECIFICATION, MESA STD DETAIL M-71.
36. ALL SPLICES INCLUDING GROUNDS AND BONDS SHALL BE DONE WITH A GEL CAP STUB SPLICE KIT, GEL CAP #SL-210-3 HOLE, OTHER GEL CAP PRODUCTS OF APPROPRIATE SIZE OR APPROVED EQUAL. FOR APPROVED STREET LIGHT MATERIALS SEE: http://www.mesaaz.gov/business/engineering/approve-products-equipment-natural-gas-line-contractors.
37. THE EXISTING LIGHT AND ELECTRICAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF MESA STORAGE YARD AT 2430 NORTH CENTER STREET. CONTRACTOR SHALL CALL THE PARK MAINTENANCE FOREMAN, AT **480-644-3097**, 48 HOURS PRIOR TO DELIVERING THE EQUIPMENT. CITY PARK PERSONNEL WILL OPEN THE YARD AND SUPERVISE THE LOADING, HAULING AND UNLOADING OF THIS EQUIPMENT.

PRELIMINARY - NOT FOR CONSTRUCTION

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FUJIFILM
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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
GENERAL NOTES

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-C-003
SHEET ---- OF ##

LEGEND

EXISTING	PROPOSED	
		RIPRAP
		CONCRETE
		BUILDING
		GRAVEL
		HEAVY DUTY ASPHALT PAVEMENT
		CONCRETE SIDEWALK
		CURB
		CURB AND GUTTER
		SITE WALL
X X	XX XX	FENCE LINE
		MONUMENT LINE
		PROPERTY LINE
	E	UNDERGROUND ELECTRIC
SS	SS	SANITARY SEWER
	SSFM	SANITARY SEWER FORCE MAIN
W	W	WATER
		FIRE DRAIN
	FP	FIRE PROTECTION LINE
CHWR CHWR CHWR		CHILLED WATER RETURN
CHWS CHWS CHWS		CHILLED WATER SUPPLY
	SD	STORM PIPE
		STORM DRAIN MANHOLE
		STORM DRAIN INLET
		DRAINAGE GRATE
		SANITARY SEWER MANHOLE
		SANITARY SEWER CLEANOUT
		WATER VALVE
		WATER METER
		WATERLINE REDUCER
		FITTINGS
		FIRE DEPARTMENT CONNECTION
		FIRE HYDRANT
		ELECTRICAL OUTLET
		LIGHT
		POWER POLE
		ELECTRICAL BOX
		WOOD POST
		VEGETATION
		TREE
		CONCRETE WHEEL STOP
		HANDICAP PARKING
		NO PARKING AREA
		SIGN
X 28.93		SPOT ELEVATION
		MANHOLE
		BOXES AND VAULTS
		SECTION CORNER
		QUARTER SECTION CORNER
		FOUND/SET SCRIBED X AS NOTED
		FOUND/SET CONTROL PANEL
		FOUND/SET PROJECT BENCHMARK
		AS NOTED
		FOUND REBAR CAPPED ###
		CALCULATED POINT
		FOUND MONUMENT AS NOTED
		FOUND BRASS CAP IN HAND HOLE
		FOUND BRASS CAP FLUSH
		SET ½" REBAR RPA RLS ####
		POINT OF CURVATURE AND TANGENCY TICKS
		GRAVEL FILTER BERM
OP		OUTLET PROTECTION
IP		INLET PROTECTION
SF		SILT FENCE
		DEMOLISH AND REMOVE
		REMOVE FEATURE/APPURTENANCE
		REMOVE LINEAR FEATURE
		SAWCUT
		TOP OF BANK
		TOE OF SLOPE
		CONNECT TO EXISTING UTILITY
		DRY WELL

ABBREVIATIONS

ADOT	ARIZONA DEPARTMENT OF TRANSPORTATION
APN	ACCESSORY PARCEL NUMBER
AVG	AVERAGE
BEG	BEGINNING
BOT	BOTTOM
BLDG	BLDG
C	CONCRETE
(C)	CALCULATED
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMM	COMMUNICATION
DATR	DRAWN ACCORDING TO RECORD
DIAM	DIAMETER
DIP	DUCTILE IRON PIPE
E	ELECTRIC,
ELEC ESMT	ELECTRICAL EASEMENT
EL JB	ELECTRICAL JUNCTION BOX
FC	FACE OF CURB
FD	FIRE DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FL	FLOW LINE
FP	FLAG POLE
G	GUTTER
GAL	GALLON
GD	GROUND
GDACS	GLOBAL DISASTER ALERT AND COORDINATION SYSTEM
GR	GRATE
HYD	HYDRANT
ICB	IRRIGATION CONTROL BOX
INC	INCORPORATED
INV	INVERT
IRR	IRRIGATION
LLC	LIMITED LIABILITY COMPANY
(M)	MEASURED
MC	MARICOPA COUNTY
MCR	MARICOPA COUNTY RECORDS
MG	MATCH GRADE
MH	MANHOLE
MUTE	MULTI-USE TRAIL EASEMENT
P	PAVEMENT
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE CONDUIT
(N)	RECORD
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RLS	REGISTERED LAND SURVEYOR
ROS	RECORD OF SURVEY
ROW	RIGHT-OF-WAY
RR	RIPRAP
SCO	SEWER CLEANOUT
SD	STORM DRAIN
SF	SQUARE FEET
SS	SANITARY SEWER
SVT	SIGHT VISIBILITY TRIANGLE
SW	STORM WATER
T	TELEPHONE
TC	TOP OF CURB
TOE	TOP OF EMBANKMENT
TOP	TOP OF POINT
TOSL	TOE OF SLOPE
TPBK	TOP OF BANK
TRANS	TRANSFORMER
TW	TOP OF WALL
V	VAULT
VNAE	VEHICLE NON-ACCESS EASEMENT
W	WATER
VC	VERTICAL CURB
VC&G	VERTICAL CURB & GUTTER

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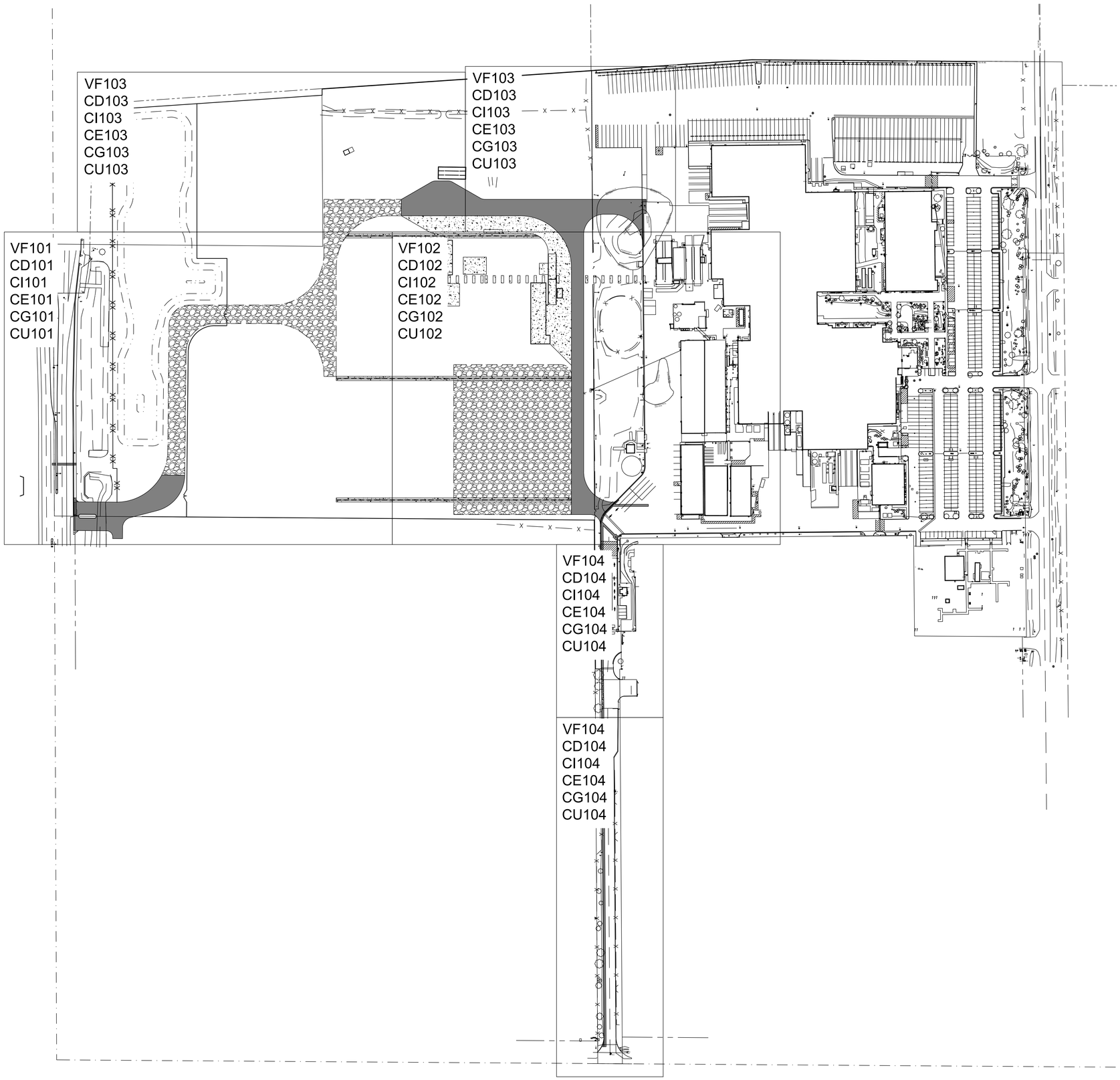
FUJIFILM Electronic Materials U.S.A., Inc.
8550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
LEGEND AND ABBREVIATIONS

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-C-004
SHEET ---- OF ##

FUJIFILM PROPRIETARY AND CONFIDENTIAL



KEY PLAN

0 100' 200'

SCALE IN FEET

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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PROJECT MELVILLE PHASE 1 30% DESIGN

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DRAWING

020-C-005

SHEET ---- OF ##



PRELIMINARY - NOT FOR CONSTRUCTION

SURVEY NOTES

KEY PLAN
NOT TO SCALE
NORTH

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PROJECT MELVILLE PHASE 1 30% DESIGN
EXISTING CONDITIONS

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DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
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DRAWING	020-VF101
SHEET ---- OF ##	

SEE SHEET 020-VF103

SEE SHEET 020-VF101

SEE SHEET 020-VF104

APN 304-34-035G
DOC 2018-0896366

N89°33'20"W 1316.01' (M)

S89°27'38"W 714.82' (M)

EXISTING CONDITIONS
0 30' 60'
SCALE IN FEET

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

SURVEY NOTES

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NORTH

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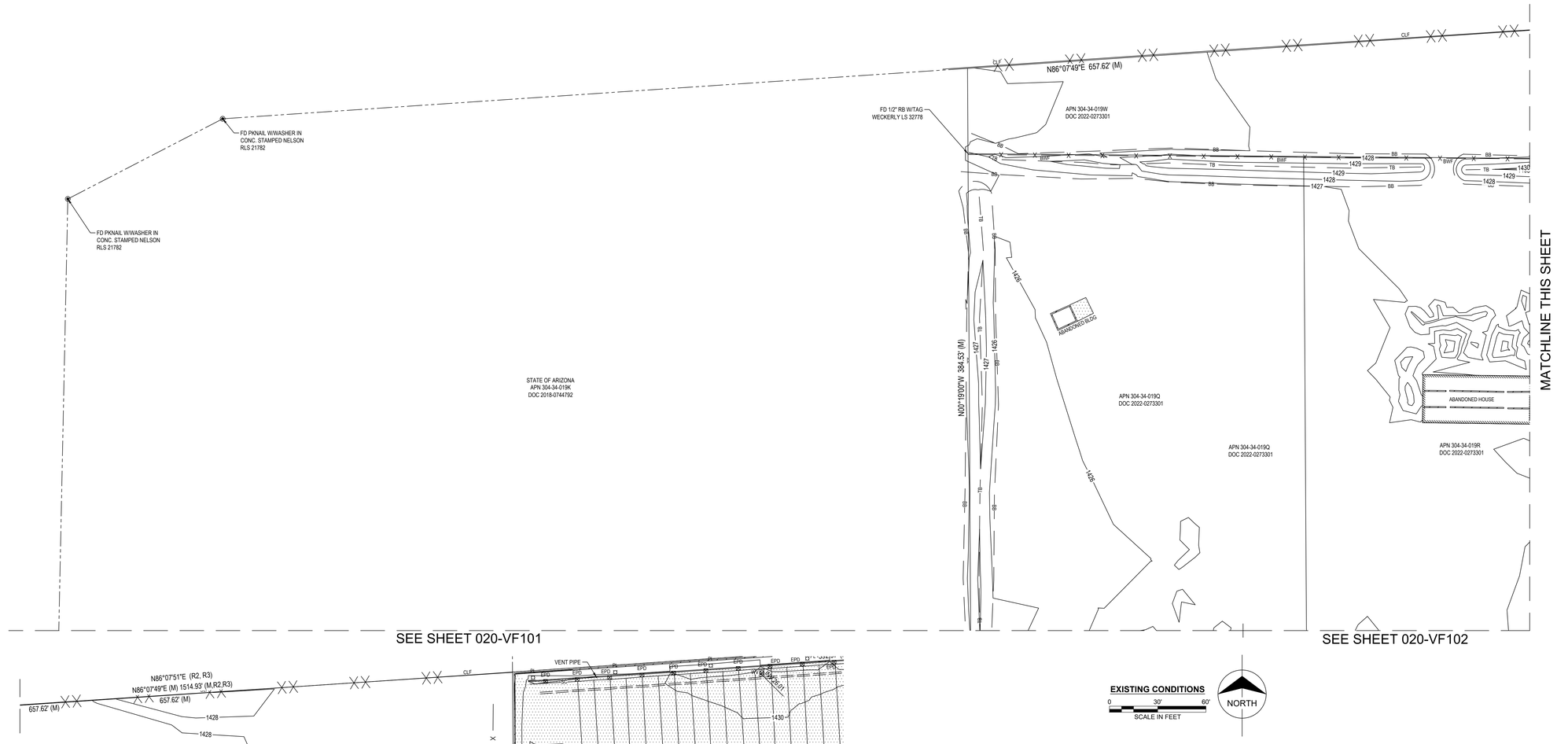
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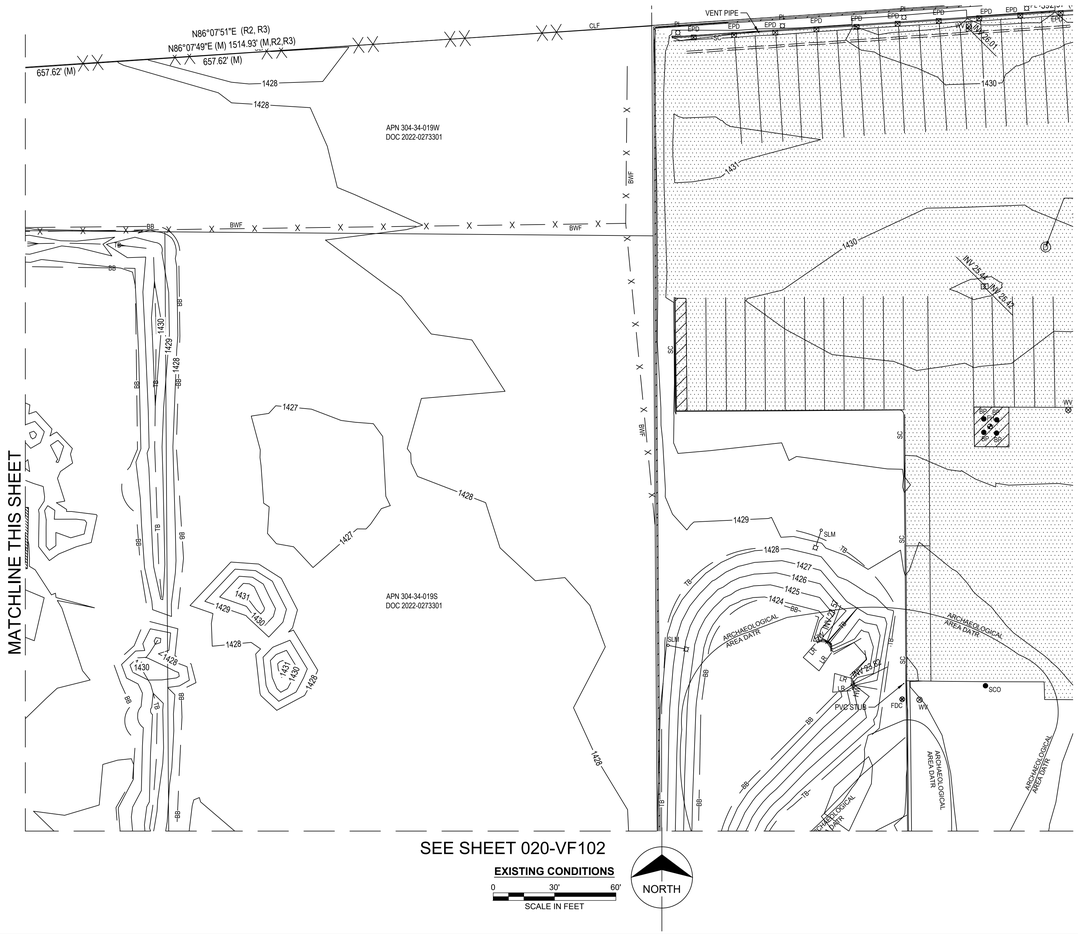
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SCALE:	AS NOTED
DRAWING	020-VF102
SHEET	---- OF ##

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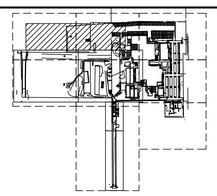


EXISTING CONDITIONS
0 30' 60'
SCALE IN FEET
NORTH

EXISTING CONDITIONS
0 30' 60'
SCALE IN FEET
NORTH

SURVEY NOTES

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.



KEY PLAN
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NORTH

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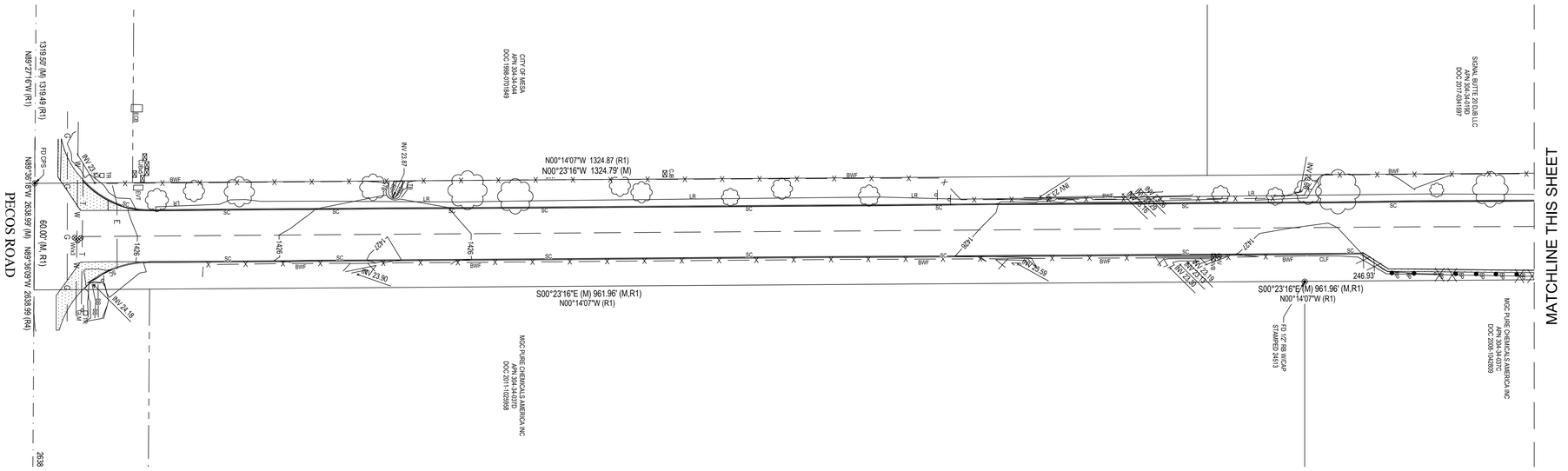
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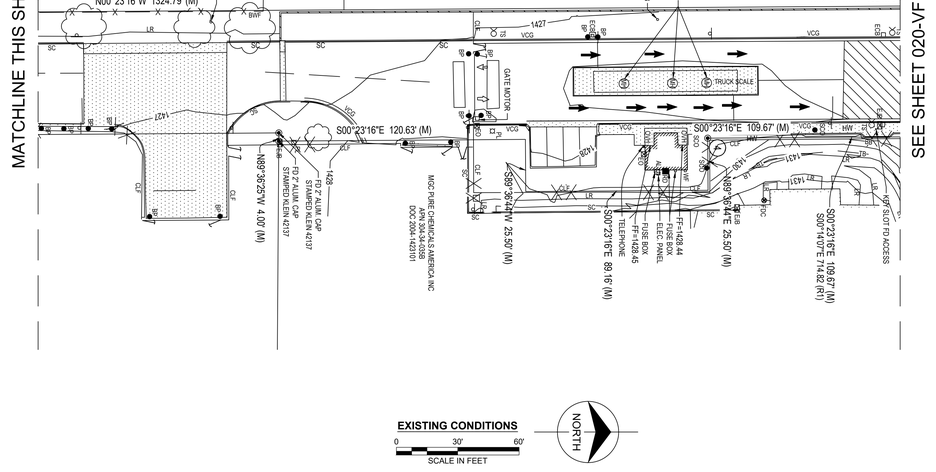
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PROJECT MELVILLE PHASE 1 30% DESIGN
EXISTING CONDITIONS

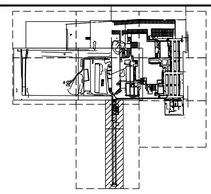
FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-VF103
SHEET	---- OF ##





SURVEY NOTES

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KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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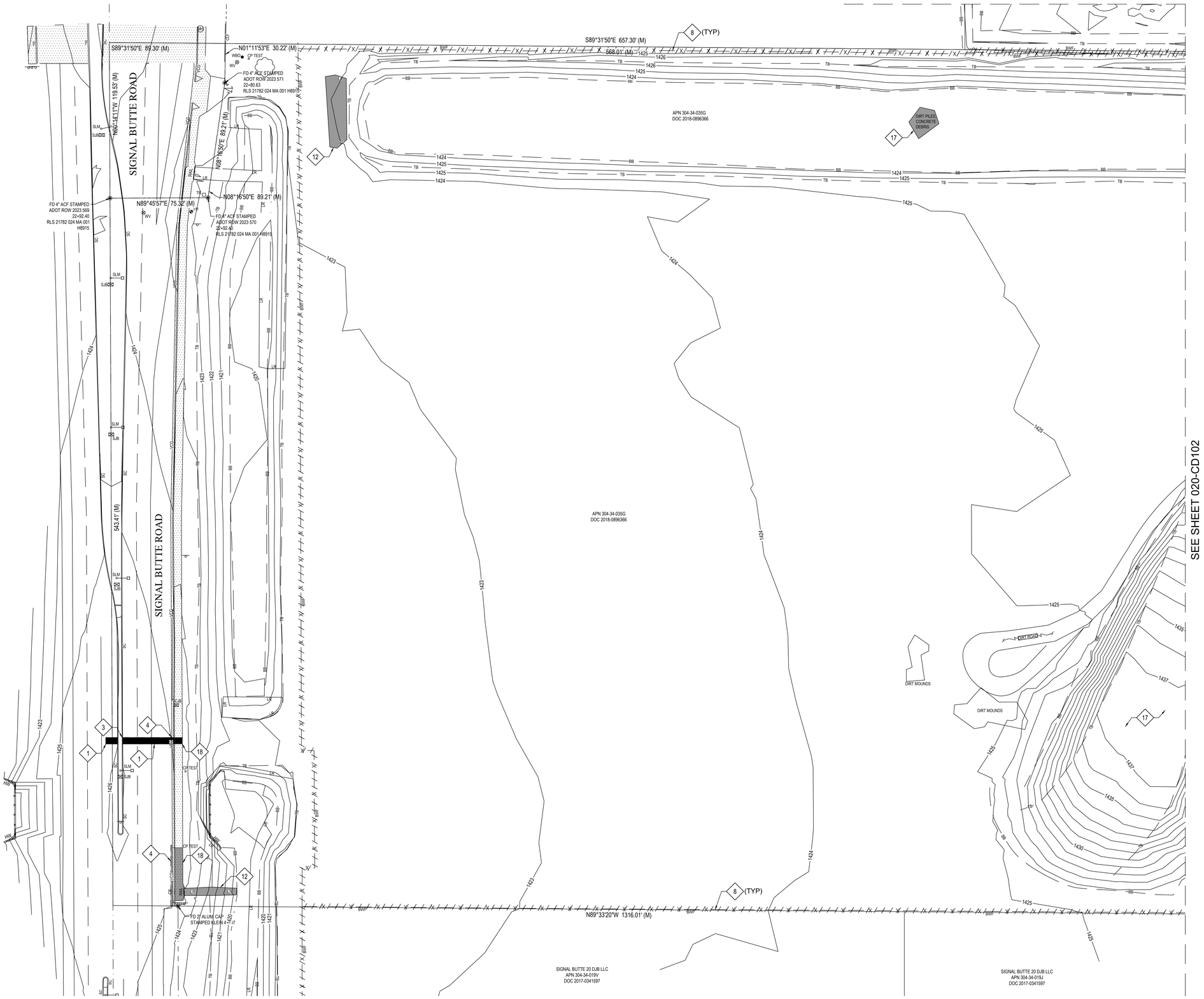
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DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-VF104
SHEET ---- OF ##



SITE DEMOLITION PLAN

0 30' 60'

SCALE IN FEET

NORTH

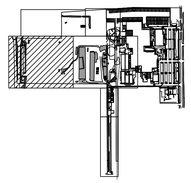
PRELIMINARY - NOT FOR CONSTRUCTION

GENERAL NOTES

1. REMOVE CONCRETE PAVEMENT TO NEAREST JOINT
2. SEE ELECTRICAL FOR EXTENT OF ROUTING ASSOCIATED WITH PAVEMENT CUTS AND REPLACEMENT

DEMOLITION NOTES

1. SAWCUT AND REMOVE ASPHALT PAVEMENT
2. REMOVE CONCRETE PAVEMENT
3. REMOVE CONCRETE CURB
4. REMOVE CONCRETE CURB AND GUTTER
5. REMOVE CONCRETE VALLEY GUTTER
6. REMOVE WALL
7. REMOVE CHAIN LINK FENCE
8. REMOVE BARBED WIRE FENCE
9. REMOVE BARRIER POST
10. REMOVE CHAIN LINK GATE
11. REMOVE LIGHT POLE
12. REMOVE RIP RAP
13. REMOVE AND RELOCATE TRAILER
14. RELOCATE MOBILE OFFICE MINI
15. REMOVE ABANDONED BUILDING
16. REMOVE HEADWALL
17. REMOVE EXCESS MATERIAL
18. REMOVE SIDEWALK
19. REMOVE GRAVEL
20. REMOVE WATER VALVE
21. REMOVE FIRE DEPARTMENT CONNECTION
22. REMOVE FIRE HYDRANT



KEY PLAN
NOT TO SCALE
NORTH

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

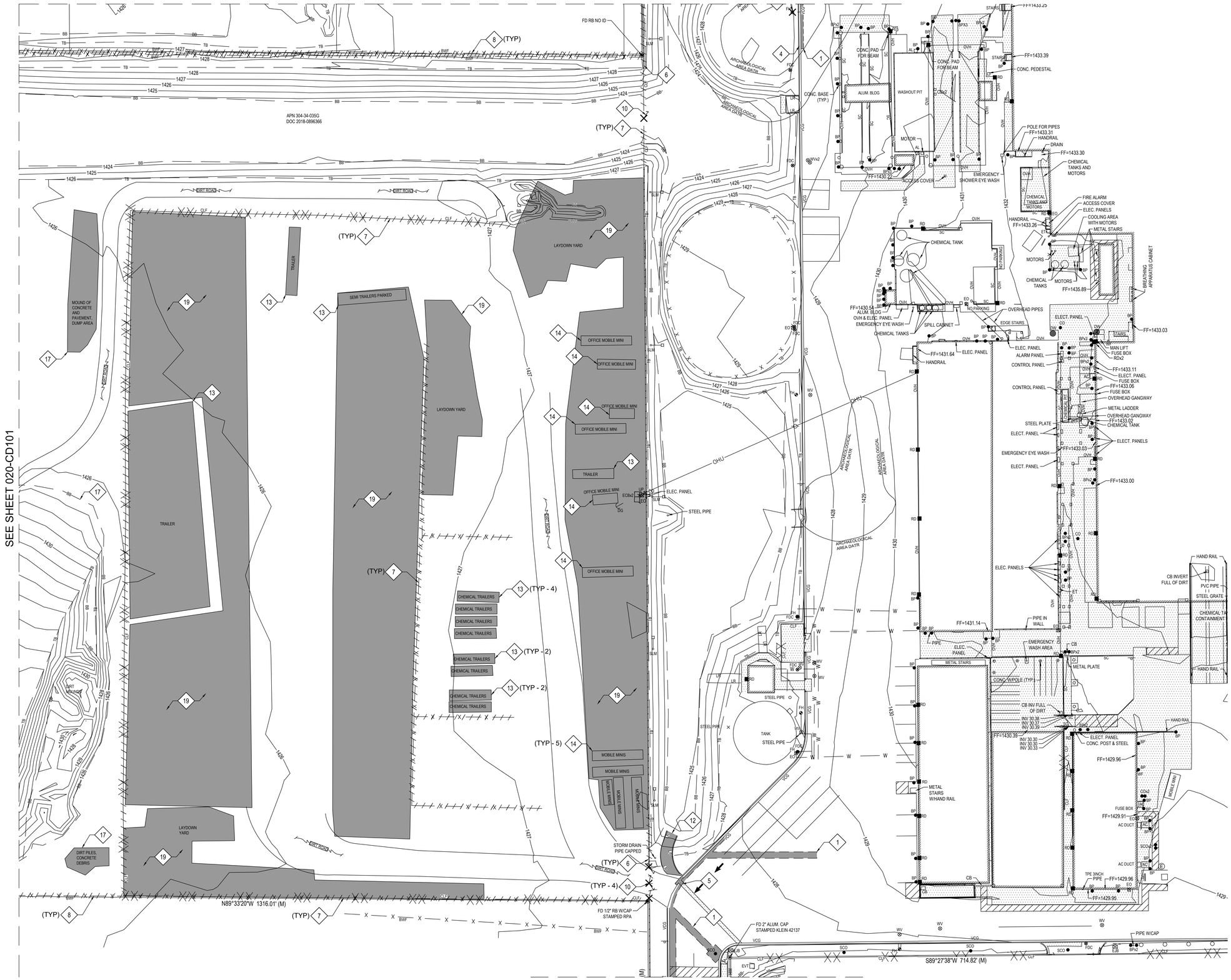
BURNS McDONNELL
8400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Company, Inc.
License No. 11523

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DEMOLITION PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CD101
SHEET ---- OF	##

FUJIFILM PROPRIETARY AND CONFIDENTIAL

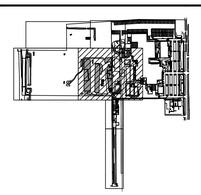


GENERAL NOTES

1. REMOVE CONCRETE PAVEMENT TO NEAREST JOINT
2. SEE ELECTRICAL FOR EXTENT OF ROUTING ASSOCIATED WITH PAVEMENT CUTS AND REPLACEMENT

DEMOLITION NOTES

1. SAWCUT AND REMOVE ASPHALT PAVEMENT
2. REMOVE CONCRETE PAVEMENT
3. REMOVE CONCRETE CURB
4. REMOVE CONCRETE CURB AND GUTTER
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14. RELOCATE MOBILE OFFICE MINI
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18. REMOVE SIDEWALK
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20. REMOVE WATER VALVE
21. REMOVE FIRE DEPARTMENT CONNECTION
22. REMOVE FIRE HYDRANT



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
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BURNS McDONNELL
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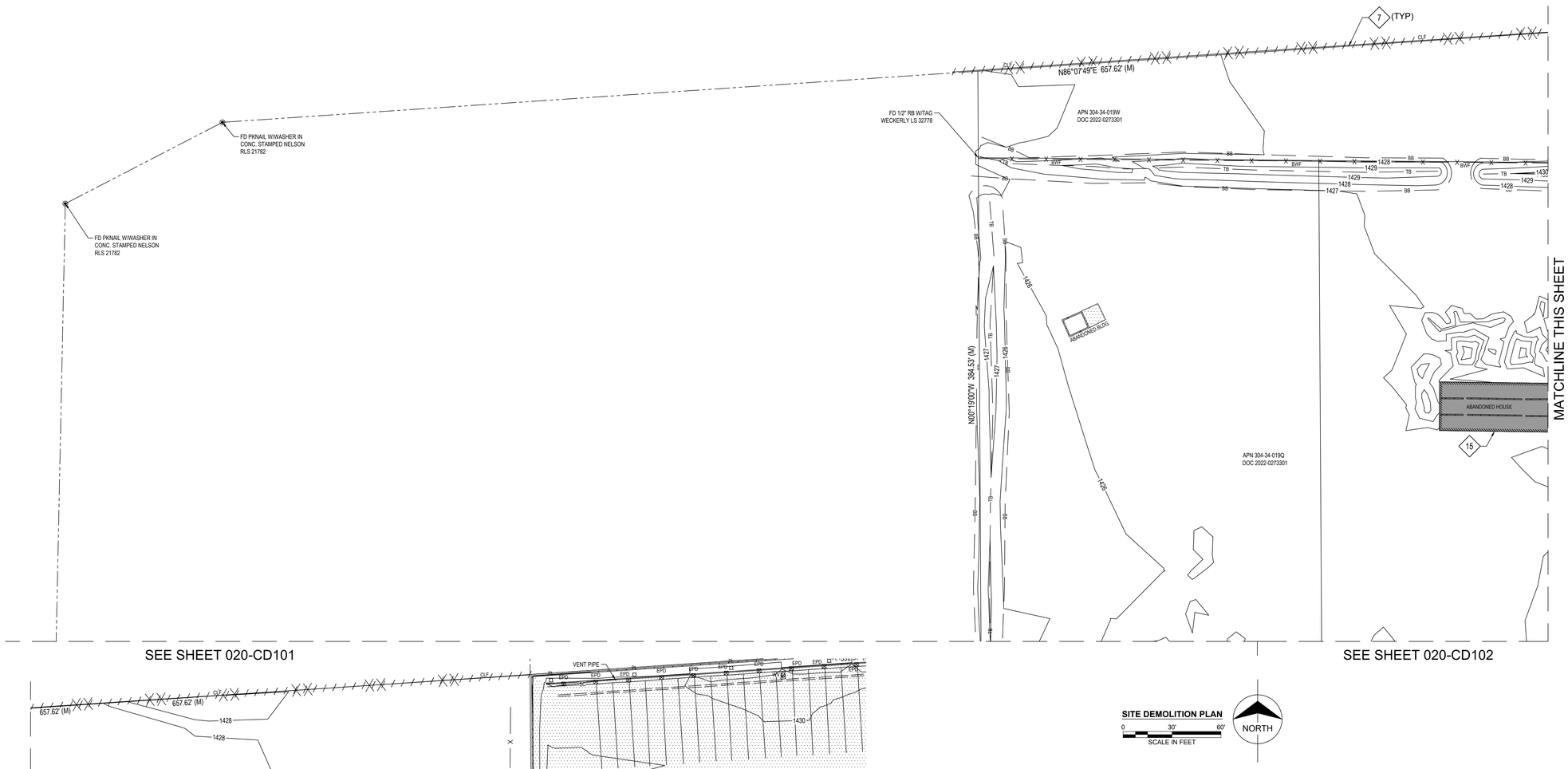
FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

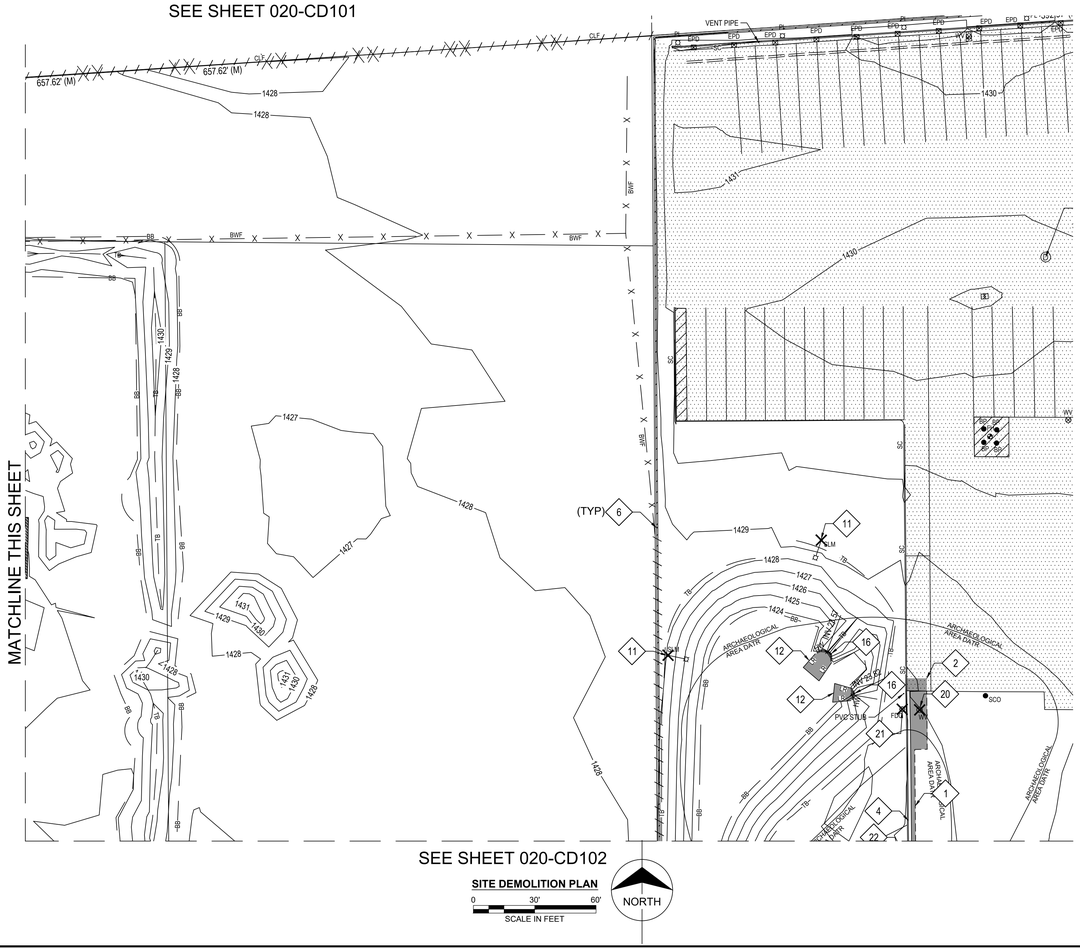
FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DEMOLITION PLAN

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A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
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SCALE:	AS NOTED

DRAWING
020-CD102
SHEET ---- OF ##

FUJIFILM PROPRIETARY AND CONFIDENTIAL



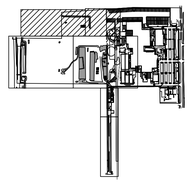


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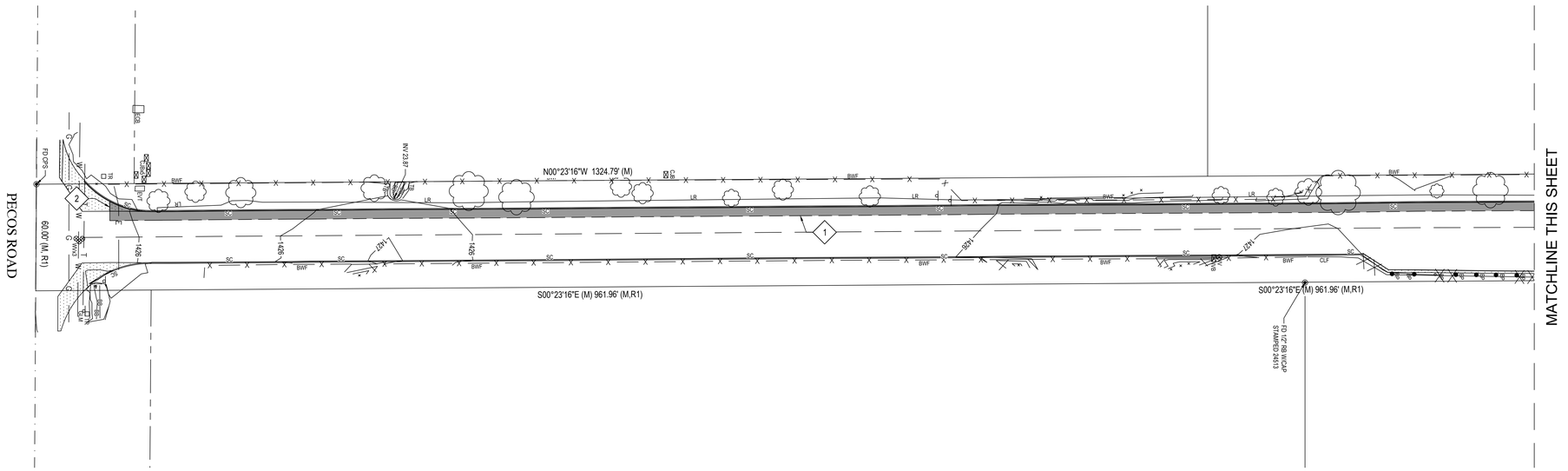
FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DEMOLITION PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CD103
SHEET ---- OF ##

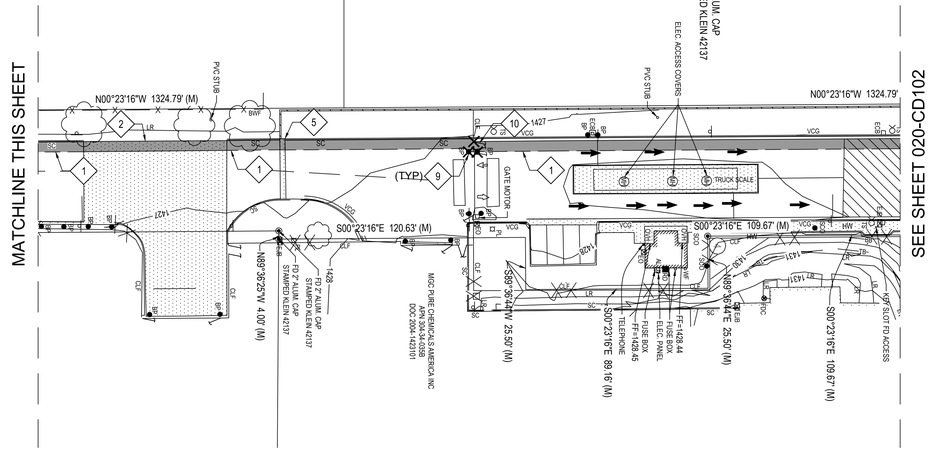


SITE DEMOLITION PLAN

0 30' 60'

SCALE IN FEET

NORTH



SITE DEMOLITION PLAN

0 30' 60'

SCALE IN FEET

NORTH

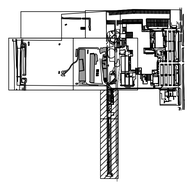
PRELIMINARY - NOT FOR CONSTRUCTION

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KEY PLAN
NOT TO SCALE

NORTH

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8555 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DEMOLITION PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CD104
SHEET ---- OF ##

SEE SHEET 020-CE103

SEE SHEET 020-CE102

S89°31'50"E 89.30' (M)

N01°11'53"E 30.22' (M)

S89°31'50"E 657.30' (M)

568.01' (M)

N02°14'11"W 119.53' (M)

N08°16'50"E 89.21' (M)

N89°45'57"E 75.32' (M)

N08°16'50"E 89.21' (M)

543.41' (M)

N89°33'20"W 1316.01' (M)

FD 4" ACF STAMPED ADOT ROW 2023 571 22+60.63 RLS 21782 024 MA 001 H8915

FD 4" ACF STAMPED ADOT ROW 2023 569 22+92.40 RLS 21782 024 MA 001 H8915

FD 4" ACF STAMPED ADOT ROW 2023 570 22+92.40 RLS 21782 024 MA 001 H8915

APN 304-34-035Q
DOC 2018-0896366

APN 304-34-035Q
DOC 2018-0896366

DIRT PILES CONCRETE DEBRIS

DIRT ROAD

DIRT MOUNDS

DIRT MOUNDS

SIGNAL BUTTE 20 DJB LLC
APN 304-34-019V
DOC 2017-0341597

SIGNAL BUTTE 20 DJB LLC
APN 304-34-019J
DOC 2017-0341597

CP TEST

OP

SLM

SJB

WBO

WV

SF

BWF

TB

BB

1420 1421 1422 1423 1424 1425 1426 1430 1435 1437

EROSION AND SEDIMENT CONTROL PLAN

0 30' 60'

SCALE IN FEET

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

CONSTRUCTION NOTES

1. GRAVEL FILTER BERM
2. SEDIMENT BASIN
3. SILT FENCE
4. CONSTRUCTION ENTRANCE
5. SEDIMENT TRAP RISER STRUCTURE
6. SEDIMENT TRAP OUTFALL PIPE (24" RCP)
7. SEDIMENT TRAP EMERGENCY SPILLWAY

KEY PLAN
NOT TO SCALE

NORTH

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
EROSION AND SEDIMENT CONTROL PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CE101
SHEET ---- OF ##

SEE SHEET 020-CE103

SEE SHEET 020-CE101

SEE SHEET 020-CE104

APN 304-34-035G
DOC 2018-0896366

S89°27'38"W 714.82' (M)

N89°33'20"W 1316.01' (M)

FD RB NO ID

FD 1/2" RB W/CAP
STAMPED RPA

FD 2" ALUM. CAP
STAMPED KLEIN 42137

ALUM. BLDG

WASHOUT PIT

CHEMICAL TANKS AND MOTORS

EDGE STAIRS

STAIRS

METAL STAIRS

TANK

STEEL PIPE

INV 28.22

INV 28.34

LAYDOWN YARD

SEMI TRAILERS PARKED

OFFICE MOBILE MINI

TRAILER

CHEMICAL TRAILERS

MOBILE MINIS

DIRT ROAD

ARCHAEOLOGICAL AREA DATR

NO PARKING

FUSE BOX

AC DUCT

TPE 3INCH

EROSION AND SEDIMENT CONTROL PLAN

0 30' 60'

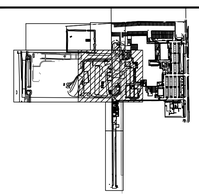
SCALE IN FEET

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

CONSTRUCTION NOTES

1. GRAVEL FILTER BERM
2. SEDIMENT BASIN
3. SILT FENCE
4. CONSTRUCTION ENTRANCE
5. SEDIMENT TRAP RISER STRUCTURE
6. SEDIMENT TRAP OUTFALL PIPE (24" RCP)
7. SEDIMENT TRAP EMERGENCY SPILLWAY



KEY PLAN
NOT TO SCALE

NORTH

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

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FUJIFILM

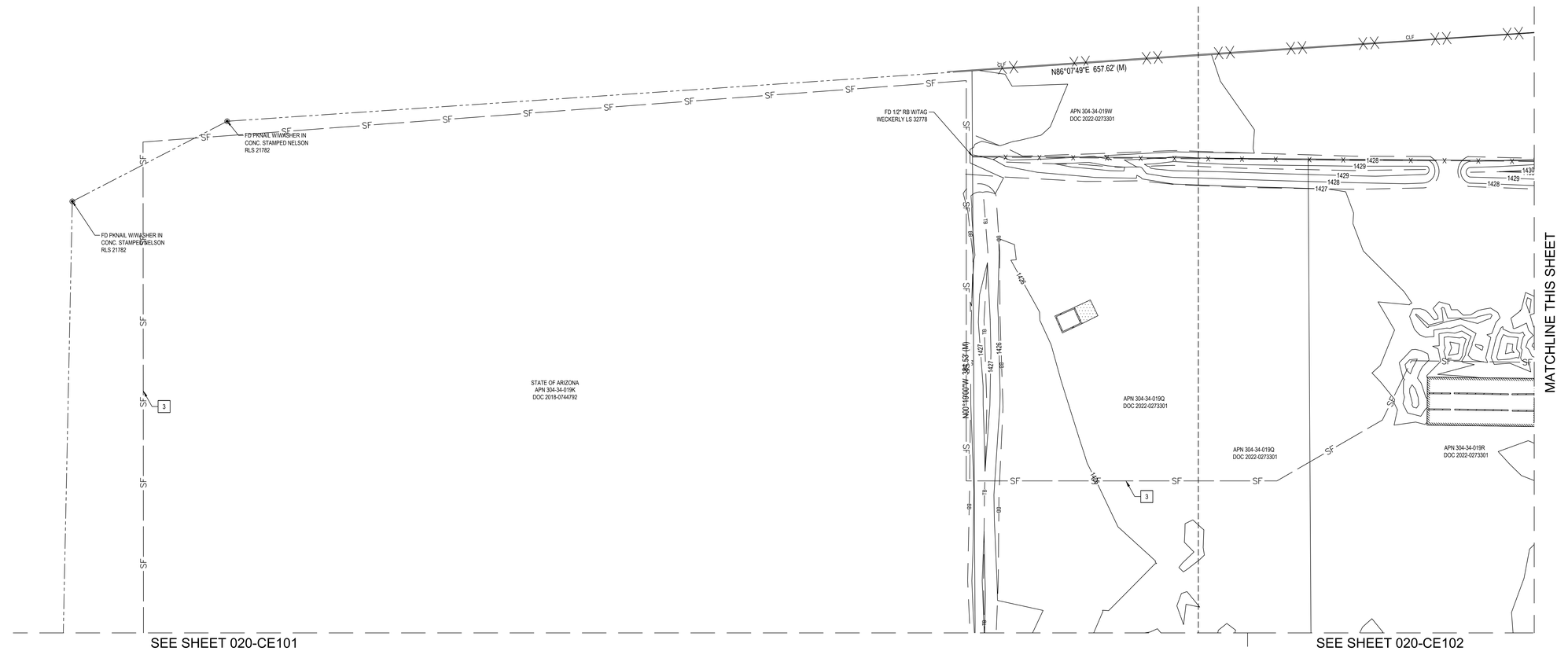
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

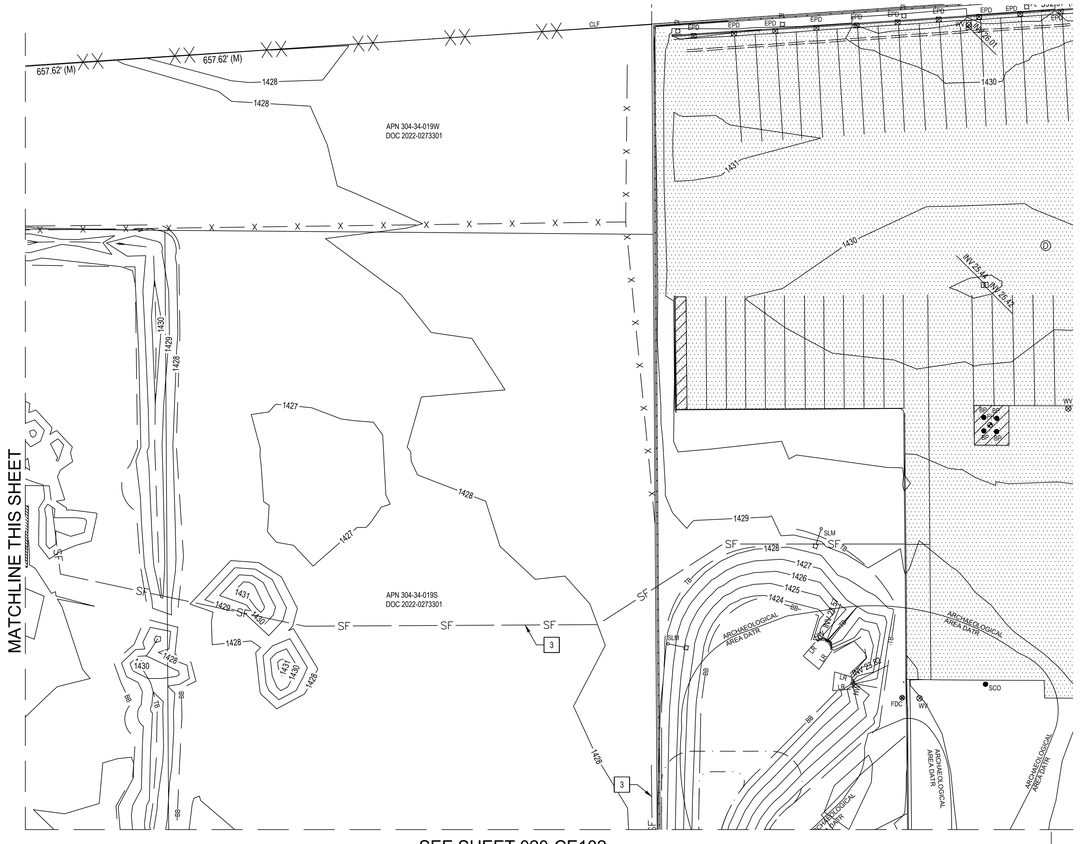
FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
EROSION AND SEDIMENT CONTROL PLAN

FUJI NO.:	CLIENT PROJ. NO.
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DRAWN:	C.WILLIAMS
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DRAWING	020-CE102
SHEET ---- OF ##	

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
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EROSION AND SEDIMENT CONTROL PLAN

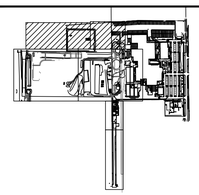
0 30' 60'

SCALE IN FEET

NORTH

CONSTRUCTION NOTES

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KEY PLAN
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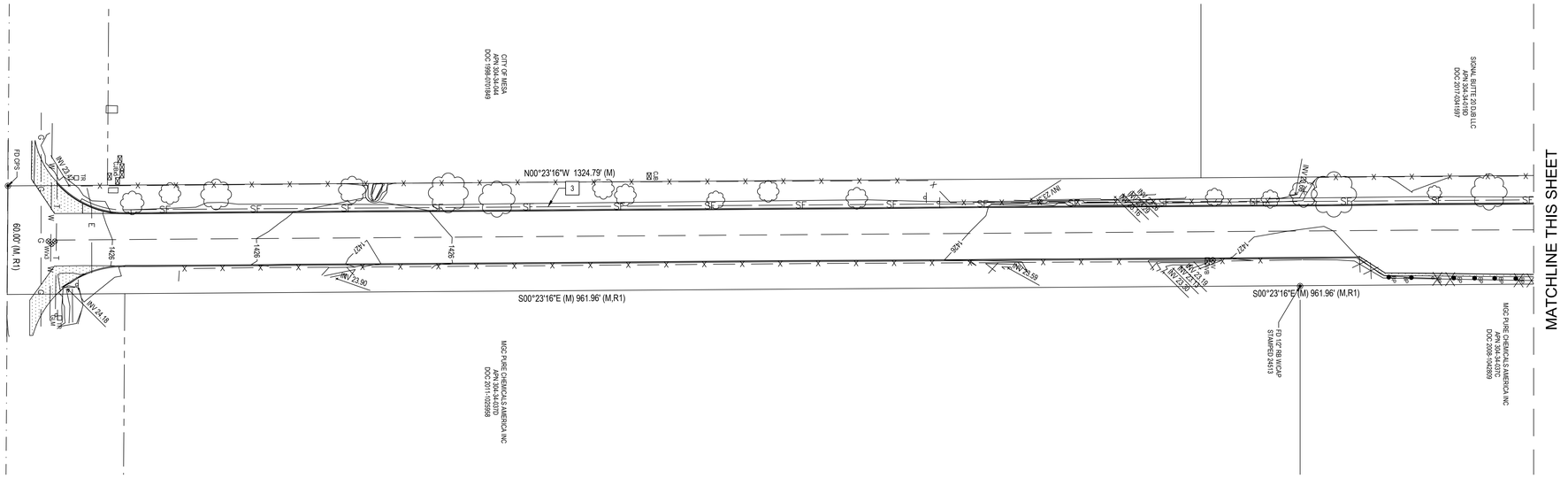
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FUJIFILM PROPRIETARY AND CONFIDENTIAL

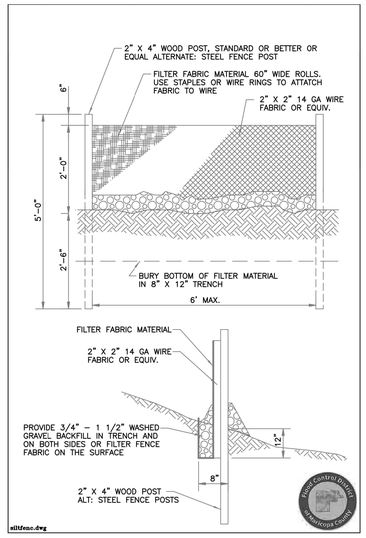
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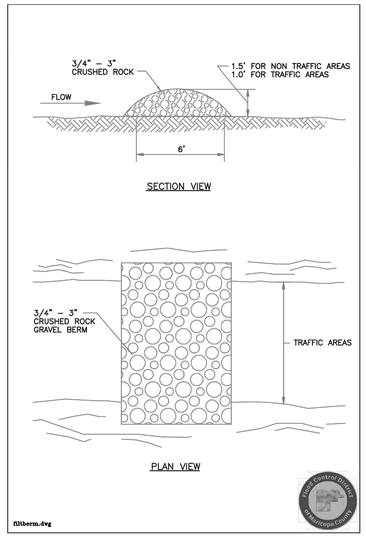
DRAWING
020-CE103
SHEET ---- OF ##


MATCHLINE THIS SHEET
N00°23'16"W 1324.79' (M)
S00°23'16"E (M) 961.96' (M,R1)
S00°23'16"E (M) 961.96' (M,R1)
60.00' (M,R1)
CITY OF MESA
APN 304-34-044
DOC 1996-0103494
SIGNAL BUTTE DLD LLC
APN 304-34-045
DOC 2017-0241697
MSC PURE CHEMICALS AMERICA INC
APN 304-34-037D
DOC 2017-1032936
MSC PURE CHEMICALS AMERICA INC
APN 304-34-037C
DOC 2022-1043639
FD 2" ALUM CAP
STAMPED 0313
INV 23.90
INV 24.18
INV 25.59
INV 25.67
INV 25.67
INV 25.67

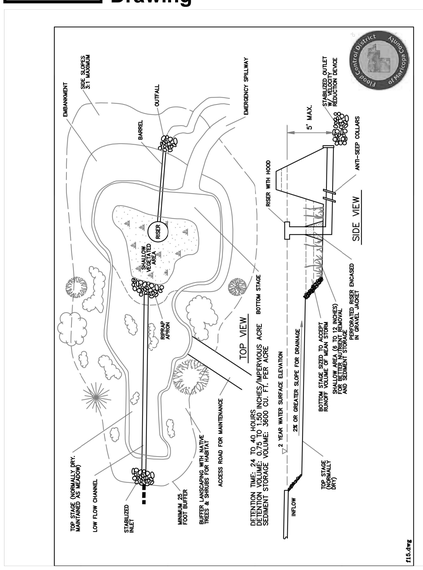
SPC-5 Silt Fence Drawing



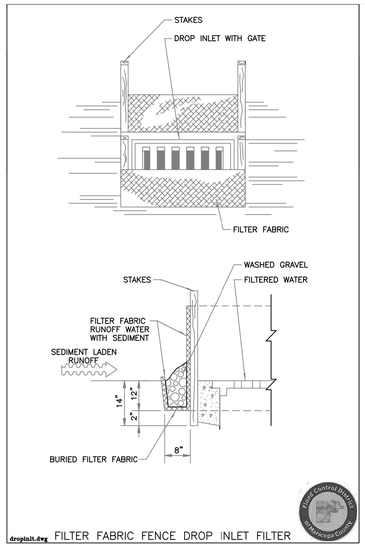
SPC-3 Gravel Filter Berms Drawing

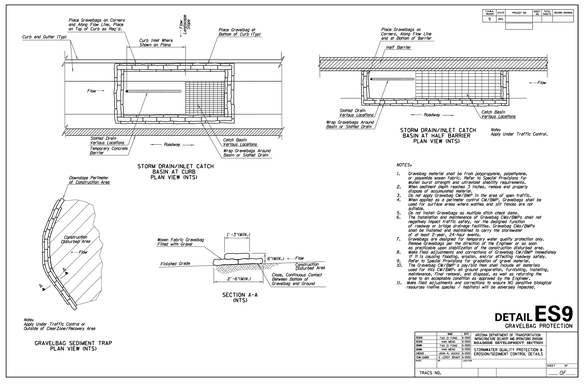


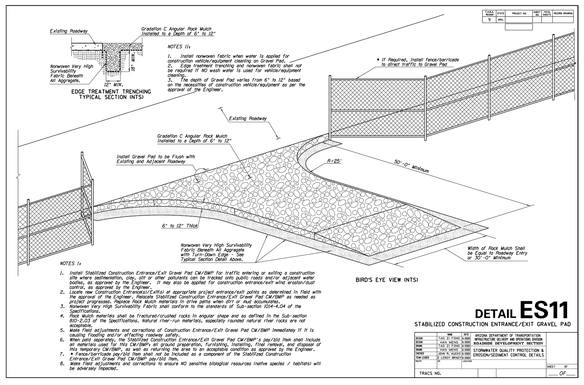
SPC-8 Temporary Sediment Basins Drawing



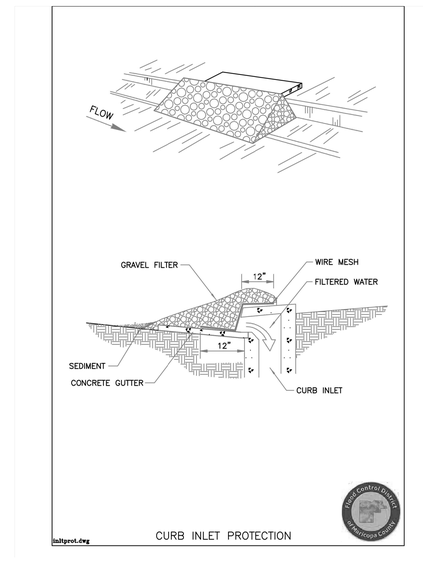
SPC-7 Storm Drain Drop Inlet Protection Drawing



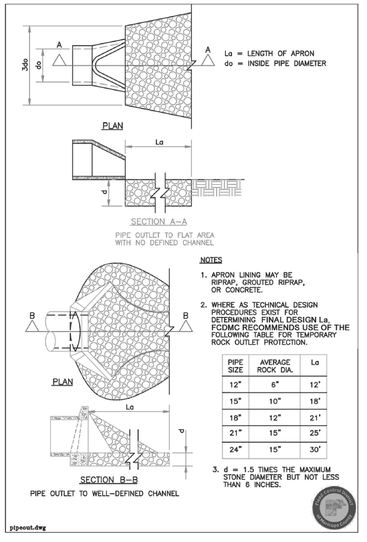

Place Gravelbags on Corners and Along Flow Line, Place on Top of Curb as Req'd.
Curb and Gutter (Typ)
Curb Inlet Where Shown on Plans
Place Gravelbag at Bottom of Curb (Typ)
Flow
Slotted Drain (Vertical Loadline)
Temporary Concrete Barrier
Roadway
Catch Basin (Vertical Loadline)
Wrap Gravelbags Around Back of Slotted Drain
STORM DRAIN/INLET CATCH BASIN AT CURB PLAN VIEW (NTS)
Place Gravelbags as Corners, Along Flow Line and at Bottom of Barrier
Inlet Barrier
STORM DRAIN/INLET CATCH BASIN AT HALF BARRIER PLAN VIEW (NTS)
Note: Apply Under Traffic Control.
Demotion Perimeter of Construction Area
Construction Entry/Exit Area
Flow
Woven Fabric Gravelbag Filled with Gravel
Finished Grade
Cross, Continuous Contact Between Bottom of Gravelbag and Ground
SECTION A-A (NTS)
Note: Apply Under Traffic Control or Outside of Clear Zone/Recovery Area
GRAVELBAG SEDIMENT TRAP PLAN VIEW (NTS)
NOTES:
1. Gravelbag material shall be from polypropylene, polyethylene, or monofilament woven fabric. Refer to Special Provisions for woven burst strength and ultraviolet stability requirements.
2. Remove all sediment, trash, debris, refuse, rubble and property disposal off-site upon completion.
3. Do not apply Gravelbag CW/SWP in the area of open traffic.
4. Refer to Special Provisions for details. Gravelbags shall not be used for surface areas where widths and silt fences are not sufficient.
5. Use Install Gravelbags as multiple-pitch check dams.
6. The installation and maintenance of Gravelbag CW/SWPs shall not negatively impact traffic safety, nor the designed function of the roadway drainage system. Gravelbag CW/SWPs shall be installed and maintained to carry the site/weather of at least 2-year, 24-hour event.
7. Remove Gravelbags CW/SWPs when their water quality protection only. Remove Gravelbags per the direction of the Engineer or as soon as practicable after the temporary need for the Gravelbag CW/SWP ends.
8. Make filed adjustments and corrections of Gravelbag CW/SWP immediately if it is ineffective or if flooding, erosion, or traffic safety.
9. Refer to Special Provisions for protection of gravel material.
10. The Gravelbag CW/SWP's you/did then shall include all materials used for the CW/SWP, all ground preparation, furnishing, installing, fixed hardware, and disposal of the temporary CW/SWP, as well as returning the area to an acceptable condition as approved by the Engineer.
11. If erosion/sediment control devices are not included as a component of the Stabilized Construction Entrance/Exit Gravel Pad CW/SWP.
12. Make filed adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.
DETAIL ES9 GRAVELBAG PROTECTION
SHEET ___ OF ___
TRACS NO.



SPC-7 Storm Drain Curb Inlet Protection Drawing



EC-11 Outlet Protection, Velocity Dissipation Devices Drawing



NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

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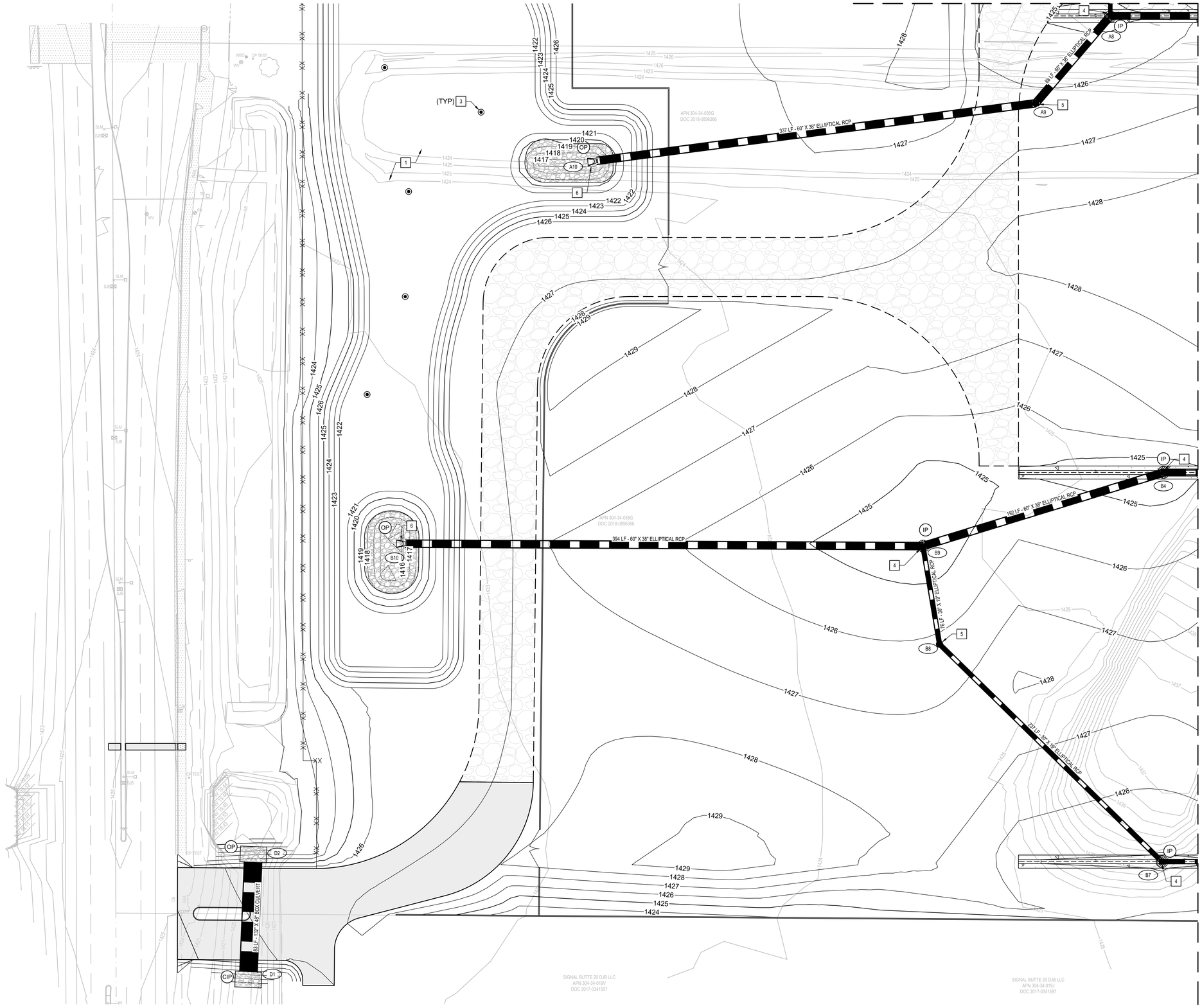
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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
EROSION AND SEDIMENT CONTROL DETAILS

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

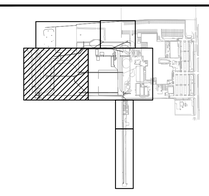
FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CE501
SHEET ---- OF ##



#	CONSTRUCTION NOTES
1.	AT SAWCUT AND CONCRETE REMOVAL LOCATIONS, MATCH GRADE.

#	CONSTRUCTION NOTES
1.	STORMWATER INFILTRATION BASIN
2.	CONNECT TO EXISTING STORMWATER SYSTEM
3.	DRY WELL
4.	STORMWATER INLET
5.	STORMWATER MANHOLE
6.	FLARED END SECTION



PRELIMINARY - NOT FOR CONSTRUCTION

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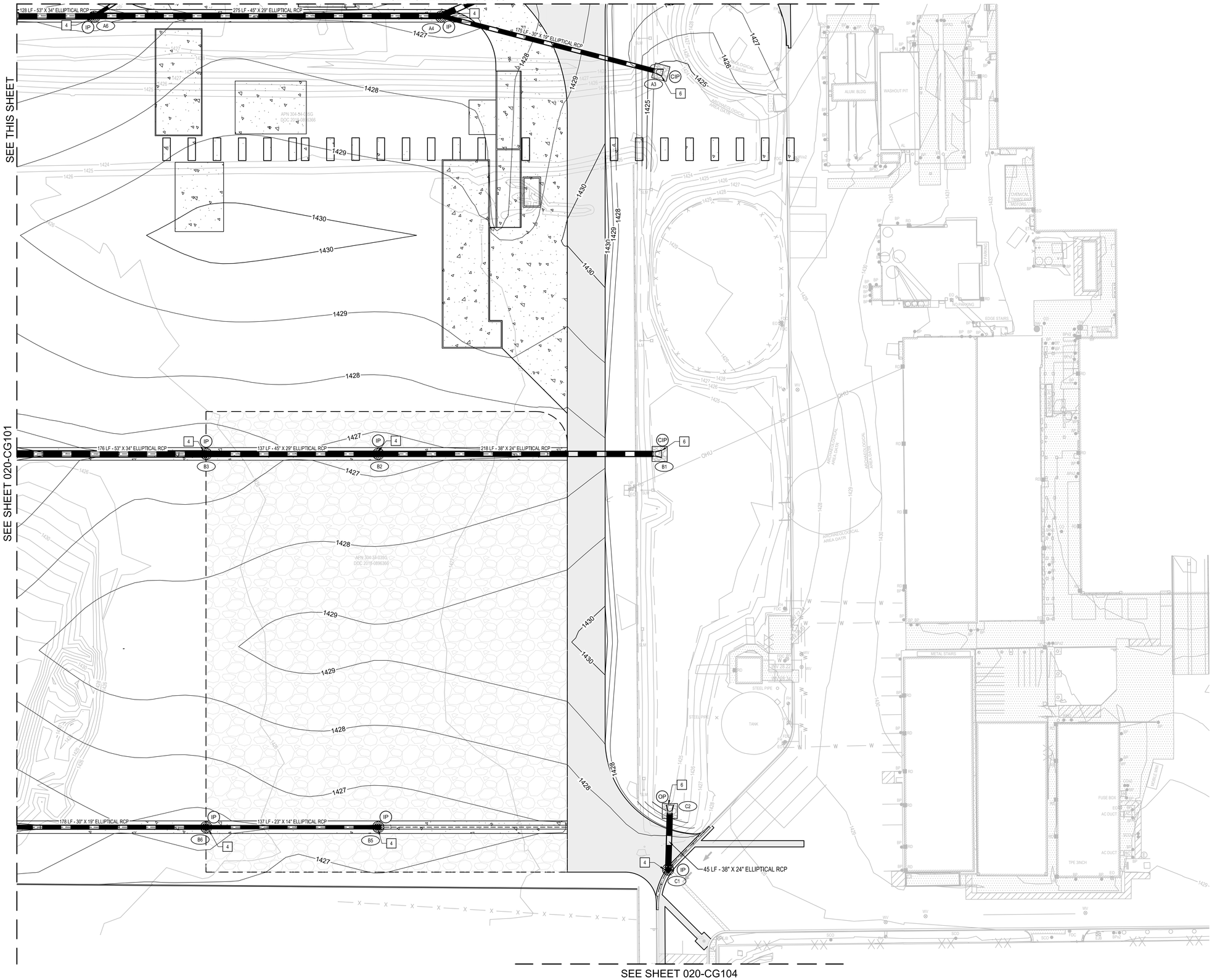
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
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MESA, ARIZONA 85212

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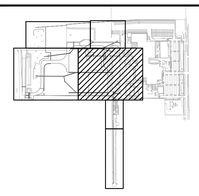
FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DRAINAGE AND GRADING PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CG101
SHEET	---- OF ##



#	CONSTRUCTION NOTES
1.	AT SAWCUT AND CONCRETE REMOVAL LOCATIONS, MATCH GRADE.

#	CONSTRUCTION NOTES
1.	STORMWATER INFILTRATION BASIN
2.	CONNECT TO EXISTING STORMWATER SYSTEM
3.	DRY WELL
4.	STORMWATER INLET
5.	STORMWATER MANHOLE
6.	FLARED END SECTION



KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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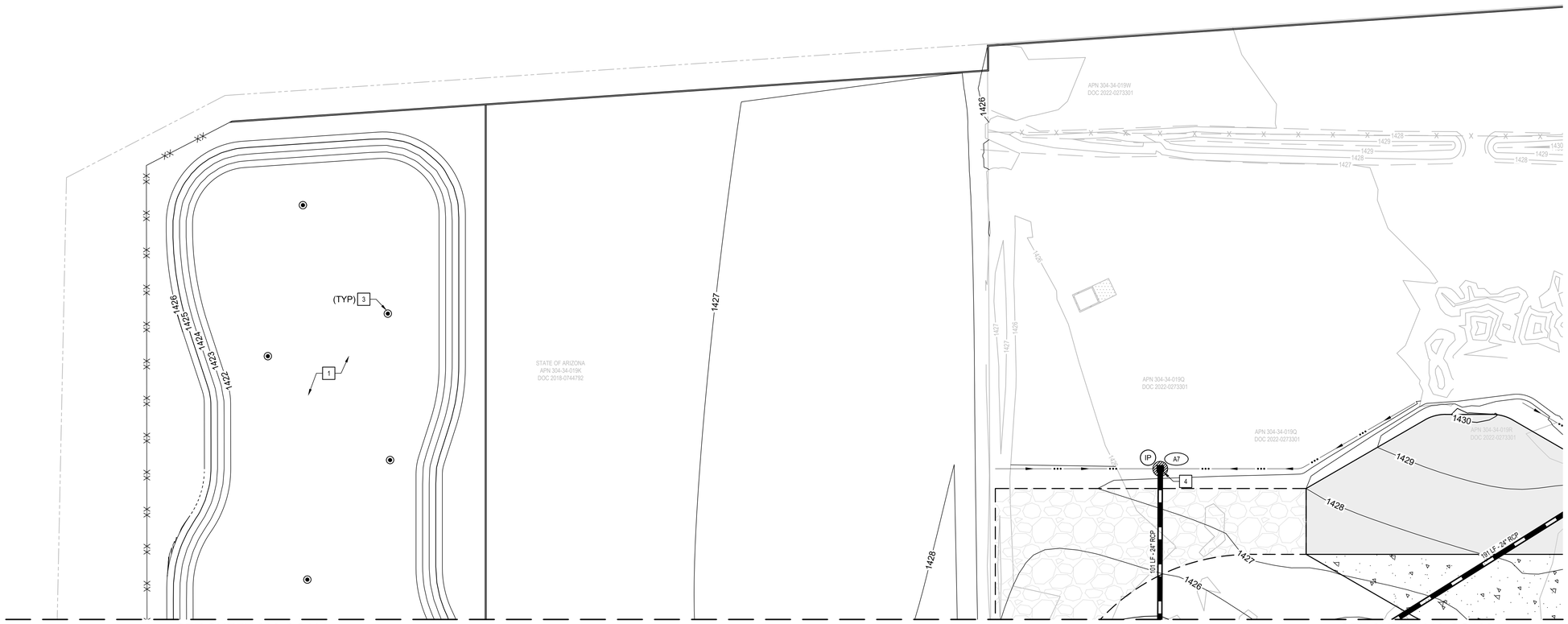
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KANSAS CITY, MO 64114
(816) 333-9400
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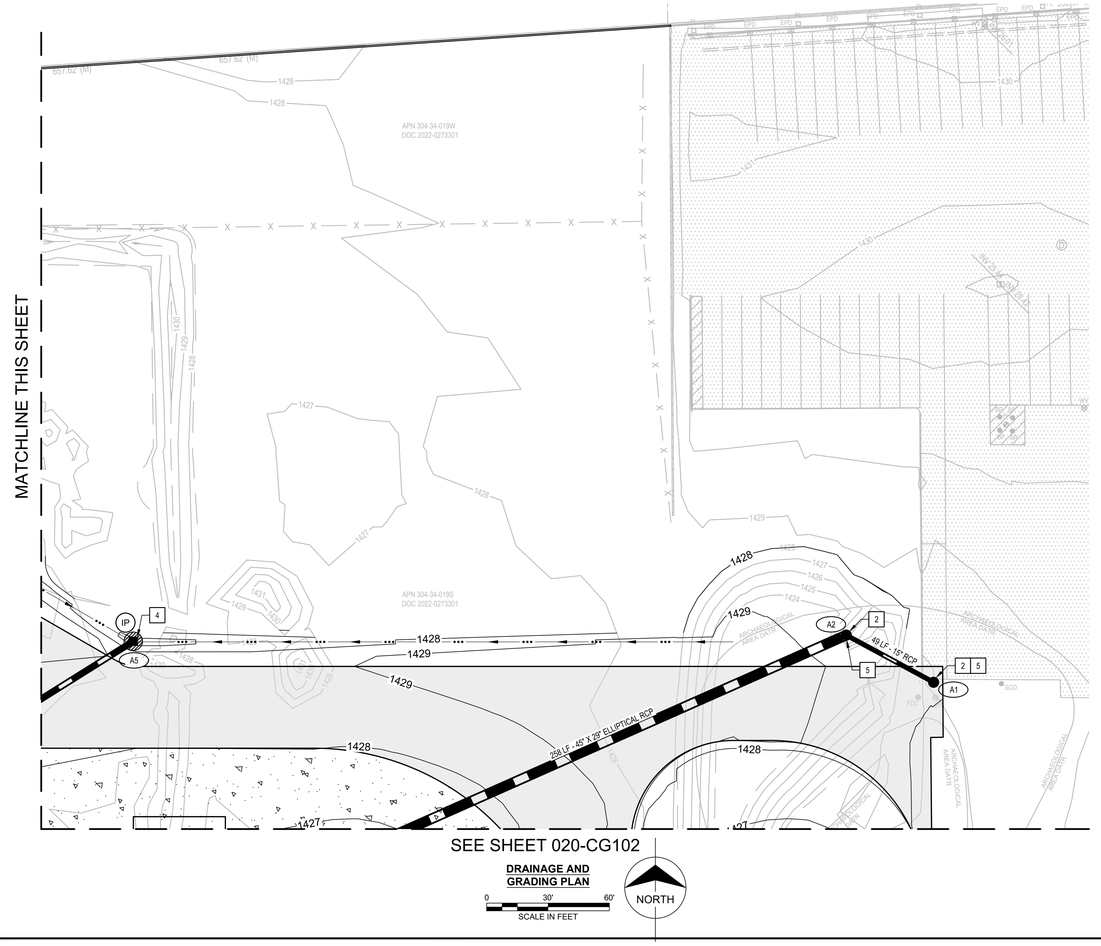
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MESA, ARIZONA 85212

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FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DRAINAGE AND GRADING PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CG102
SHEET ---- OF ##	





DRAINAGE AND GRADING PLAN

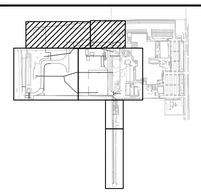
0 30' 60'

SCALE IN FEET

NORTH

#	CONSTRUCTION NOTES
1.	AT SAWCUT AND CONCRETE REMOVAL LOCATIONS, MATCH GRADE.

#	CONSTRUCTION NOTES
1.	STORMWATER INFILTRATION BASIN
2.	CONNECT TO EXISTING STORMWATER SYSTEM
3.	DRY WELL
4.	STORMWATER INLET
5.	STORMWATER MANHOLE
6.	FLARED END SECTION



KEY PLAN
NOT TO SCALE

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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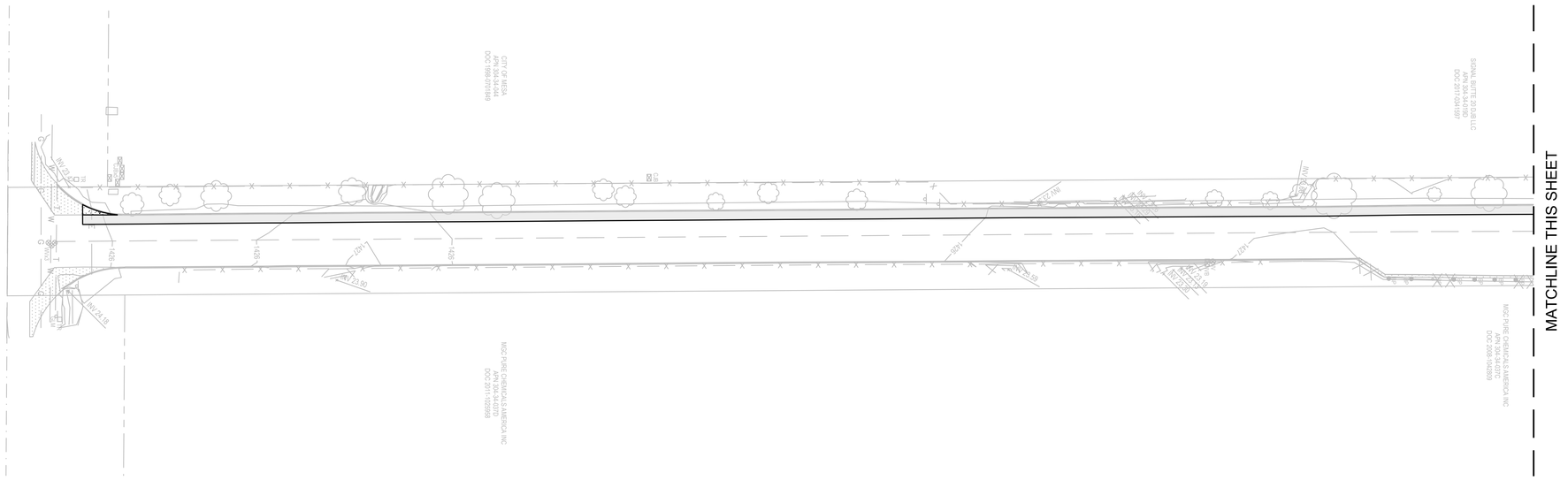
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MESA, ARIZONA 85212

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FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DRAINAGE AND GRADING PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CG103
SHEET ---- OF ##

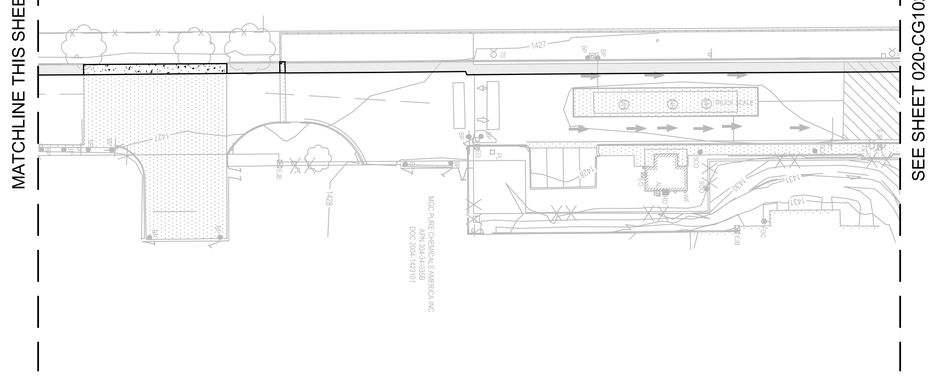


DRAINAGE AND GRADING PLAN

0 30' 60'

SCALE IN FEET

NORTH



DRAINAGE AND GRADING PLAN

0 30' 60'

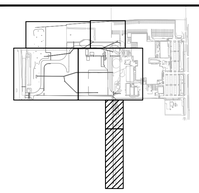
SCALE IN FEET

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

#	CONSTRUCTION NOTES
1.	AT SAWCUT AND CONCRETE REMOVAL LOCATIONS, MATCH GRADE.

#	CONSTRUCTION NOTES
1.	STORMWATER INFILTRATION BASIN
2.	CONNECT TO EXISTING STORMWATER SYSTEM
3.	DRY WELL
4.	STORMWATER INLET
5.	STORMWATER MANHOLE
6.	FLARED END SECTION



KEY PLAN
NOT TO SCALE

NORTH

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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

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FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
DRAINAGE AND GRADING PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CG104
SHEET ---- OF ##

STORM STRUCTURE SCHEDULE

ID:	DETAILS:
A1	STORM MANHOLE N:835980.78 E:798034.15 RIM=1428.08 INV OUT=1423.98(NW-15")
A2	STORM MANHOLE N:836003.86 E:797991.39 RIM=1429.36 INV IN=1423.74(SE-15") INV OUT=1423.56(SW-45")
A3	ELLIPTICAL FES N:835856.06 E:797925.16 RIM=N/A INV OUT=1424.10(W-30")
A4	CATCH BASIN N:835899.54 E:797755.94 RIM=1427.20 INV IN=1422.78(E-30") INV IN=1422.27(NE-45") INV OUT=1422.27(W-45")
A5	DOME GRATE INLET N:836000.83 E:797642.69 RIM=1428.83 INV OUT=1423.89(SW-15")
A6	CATCH BASIN N:835899.54 E:797480.94 RIM=1425.55 INV IN=1420.90(E-45") INV IN=1422.93(NE-15") INV OUT=1420.90(W-53")
A7	DOME GRATE INLET N:836000.54 E:797352.98 RIM=1426.18 INV OUT=1422.37(S-15")
A8	CATCH BASIN N:835899.54 E:797352.65 RIM=1424.80 INV IN=1420.16(E-53") INV IN=1421.86(N-15") INV OUT=1419.82(SW-60")
A9	STORM MANHOLE N:835833.03 E:797295.78 RIM=1425.74 INV IN=1419.39(NE-60") INV OUT=1419.39(W-60")

STORM STRUCTURE SCHEDULE

ID:	DETAILS:
A10	ELLIPTICAL FES N:835819.91 E:797200.29 RIM=N/A INV IN=1418.91(E-60")
B1	ELLIPTICAL FES N:835551.92 E:797924.12 RIM=N/A INV OUT=1424.67(W-38")
B2	CATCH BASIN N:835551.92 E:797706.11 RIM=1427.55 INV IN=1421.94(E-38") INV OUT=1421.94(W-53")
B3	CATCH BASIN N:835551.92 E:797569.58 RIM=1427.14 INV IN=1421.26(E-53") INV OUT=1421.26(W-53")
B4	CATCH BASIN N:835551.92 E:797393.21 RIM=1425.11 INV IN=1419.92(E-53") INV OUT=1419.59(W-60")
B5	CATCH BASIN N:835255.71 E:797706.11 RIM=1427.04 INV OUT=1423.41(W-23")
B6	CATCH BASIN N:835255.71 E:797569.58 RIM=1426.36 INV IN=1422.74(E-23") INV OUT=1422.32(W-30")
B7	CATCH BASIN N:835255.71 E:797391.92 RIM=1425.77 INV IN=1421.42(E-30") INV OUT=1421.42(NW-30")
B8	STORM MANHOLE N:835421.21 E:797222.63 RIM=1425.80 INV IN=1420.24(SE-30") INV OUT=1420.24(N-30")

STORM STRUCTURE SCHEDULE

ID:	DETAILS:
B9	CURB INLET N:835495.91 E:797209.98 RIM=1423.79 INV IN=1418.64(E-60") INV IN=1419.85(S-30") INV OUT=1418.64(W-60")
B10	ELLIPTICAL FES N:835498.19 E:796808.43 RIM=N/A INV IN=1416.62(E-60")
C1	CATCH BASIN N:835222.03 E:797936.17 RIM=1428.64 INV OUT=1423.76(N-38")
C2	ELLIPTICAL FES N:835266.64 E:797937.40 RIM=N/A INV IN=1423.54(S-38")
D1	ENDWALL N:835171.88 E:796696.52 RIM=N/A INV OUT=1419.23(N-132")
D2	ENDWALL N:835255.17 E:796699.96 RIM=N/A INV IN=1419.19(S-132")

STORM PIPING SCHEDULE

ID	DETAILS:
A1-A2	49 LF - 15" RCP @ 0.50%
A2-A4	258 LF - 45" X 29" ELLIPTICAL RCP @ 0.50%
A3-A4	175 LF - 30" X 19" ELLIPTICAL RCP @ 0.76%
A4-A6	275 LF - 45" X 29" ELLIPTICAL RCP @ 0.50%
A5-A6	191 LF - 15" RCP @ 0.50%
A6-A8	128 LF - 53" X 34" ELLIPTICAL RCP @ 0.58%
A7-A8	101 LF - 15" RCP @ 0.51%
A8-A9	88 LF - 60" X 38" ELLIPTICAL RCP @ 0.50%
A9-A10	96 LF - 60" X 38" ELLIPTICAL RCP @ 0.50%
B1-B2	218 LF - 38" X 24" ELLIPTICAL RCP @ 1.25%
B2-B3	137 LF - 53" X 34" ELLIPTICAL RCP @ 0.50%
B3-B4	176 LF - 53" X 34" ELLIPTICAL RCP @ 0.76%
B4-B9	192 LF - 60" X 38" ELLIPTICAL RCP @ 0.50%
B5-B6	137 LF - 23" X 14" ELLIPTICAL RCP @ 0.50%
B6-B7	178 LF - 30" X 19" ELLIPTICAL RCP @ 0.50%
B7-B8	237 LF - 30" X 19" ELLIPTICAL RCP @ 0.50%
B8-B9	76 LF - 30" X 19" ELLIPTICAL RCP @ 0.51%
B9-B10	402 LF - 60" X 38" ELLIPTICAL RCP @ 0.50%
C1-C2	45 LF - 38" X 24" ELLIPTICAL RCP @ 0.50%
D1-D2	83 LF - 132" X 48" BOX CULVERT @ 0.05%

PRELIMINARY - NOT FOR CONSTRUCTION

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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN

STORM SCHEDULE

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CG105
SHEET ---- OF ##

FUJIFILM PROPRIETARY AND CONFIDENTIAL

SEE SHEET 020-CI103

S89°31'50"E 89.30' (M)

N01°11'53"E 30.22' (M)

S89°23'02"E (R1)
S89°31'50"E 657.30' (M)
568.01' (M)

N00°14'11"W 119.53' (M)

SIGNAL BUTTE ROAD

FD 4" ACF STAMPED
ADOT ROW 2023 571
22+90.63
RLS 21782 024 MA 001 H8915

N08°16'50"E 89.21' (M)
N08°16'52"E (R2, R4)

N89°45'57"E 75.32' (M)

FD 4" ACF STAMPED
ADOT ROW 2023 569
22+92.40
RLS 21782 024 MA 001
H8915

N08°16'50"E 89.21' (M)

FD 4" ACF STAMPED
ADOT ROW 2023 570
22+92.40
RLS 21782 024 MA 001 H8915

APN 304-34-035Q
DOC 2018-0896366

R125'

R50'

R70'

R65'

(TYP) 9

APN 304-34-035Q
DOC 2018-0896366

N00°14'07"W (R1)
N00°14'01"W (R4)
N00°14'11"W (M) 2651.77' (M, R4)
543.41' (M)

SIGNAL BUTTE ROAD

(TYP) 8

(TYP) 9

286.2'

SEE SHEET 020-CI102

AH 19.09
AH 19.12
AH 19.09
AH 19.16
AH 19.07
AH 19.11

ICP TEST

AH 19.52
AH 19.54
AH 19.56
AH 19.48
AH 19.53
AH 19.43

R125'

R90'

49.97' (M)

30'

10'

R5'

FD 2" ALUM. CAP
STAMPED KLEIN 42137

1325.89' (M)

R15'

24'

N89°33'20"W 1316.01' (M)
N89°24'27"W 1315.96 (R1)

SIGNAL BUTTE 20 DJB LLC
APN 304-34-019V
DOC 2017-0341597

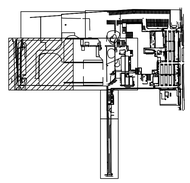
SIGNAL BUTTE 20 DJB LLC
APN 304-34-019J
DOC 2017-0341597

SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

CONSTRUCTION NOTES

1. HEAVY DUTY ASPHALT PAVEMENT
2. GRAVEL
3. CONCRETE CURB (TYPE A)
4. CONCRETE CURB AND GUTTER (TYPE A)
5. CONCRETE PAVEMENT
6. CONCRETE EQUIPMENT PAD (SEE STRUCTURAL PLANS FOR DETAILS)
7. TRUCK LOADING BAY
8. WROUGHT IRON PERIMETER FENCE (SEE ARCHITECTURAL PLANS FOR DETAILS)
9. 8' TALL PERIMETER WALL (SEE STRUCTURAL PLANS FOR DETAILS)
10. CONTAINMENT SUMP (SEE MECHANICAL PLANS FOR DETAILS)
11. 12' WIDE MANUAL DOUBLE SWING GATE
12. CONCRETE VALLEY GUTTER
13. UTILITY PIPE RACK FOUNDATIONS (SEE STRUCTURAL PLANS FOR DETAILS)
14. CONCRETE SIDEWALK
15. ISOTAINER SCALE



KEY PLAN
NOT TO SCALE
NORTH

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

BURNS McDONNELL
8400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Company, Inc.
License No. 11523

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
SITE PLAN

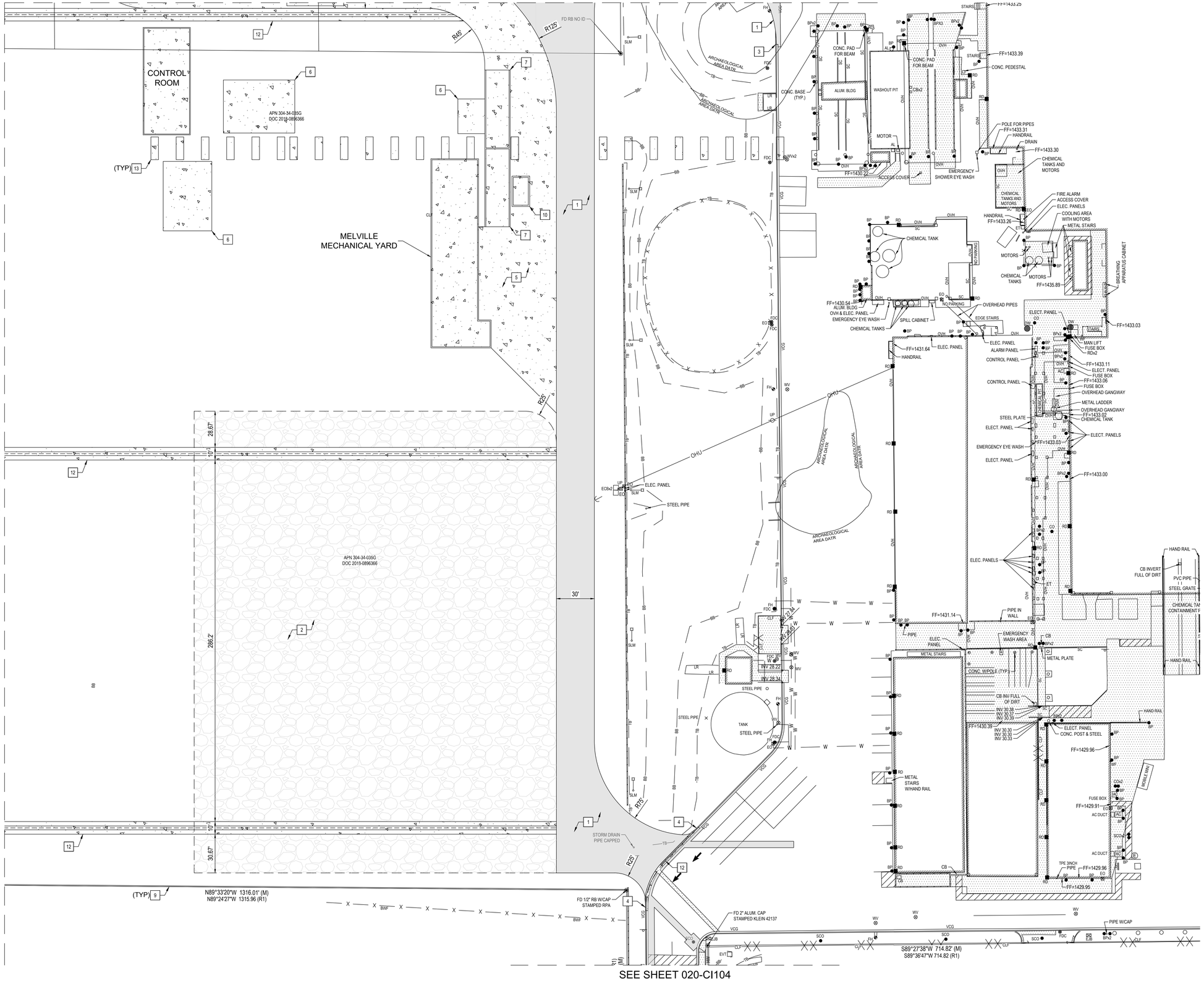
FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CI101
SHEET ---- OF ##

SEE SHEET 020-CI103

SEE SHEET 020-CI101

SEE SHEET 020-CI104



SITE IMPROVEMENT PLAN

0 30' 60'

SCALE IN FEET

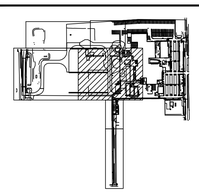
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

CONSTRUCTION NOTES

1. HEAVY DUTY ASPHALT PAVEMENT
2. GRAVEL
3. CONCRETE CURB (TYPE A)
4. CONCRETE CURB AND GUTTER (TYPE A)
5. CONCRETE PAVEMENT
6. CONCRETE EQUIPMENT PAD (SEE STRUCTURAL PLANS FOR DETAILS)
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11. 12' WIDE MANUAL DOUBLE SWING GATE
12. CONCRETE VALLEY GUTTER
13. UTILITY PIPE RACK FOUNDATIONS (SEE STRUCTURAL PLANS FOR DETAILS)
14. CONCRETE SIDEWALK
15. ISOTAINER SCALE

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KEY PLAN
NOT TO SCALE

NORTH

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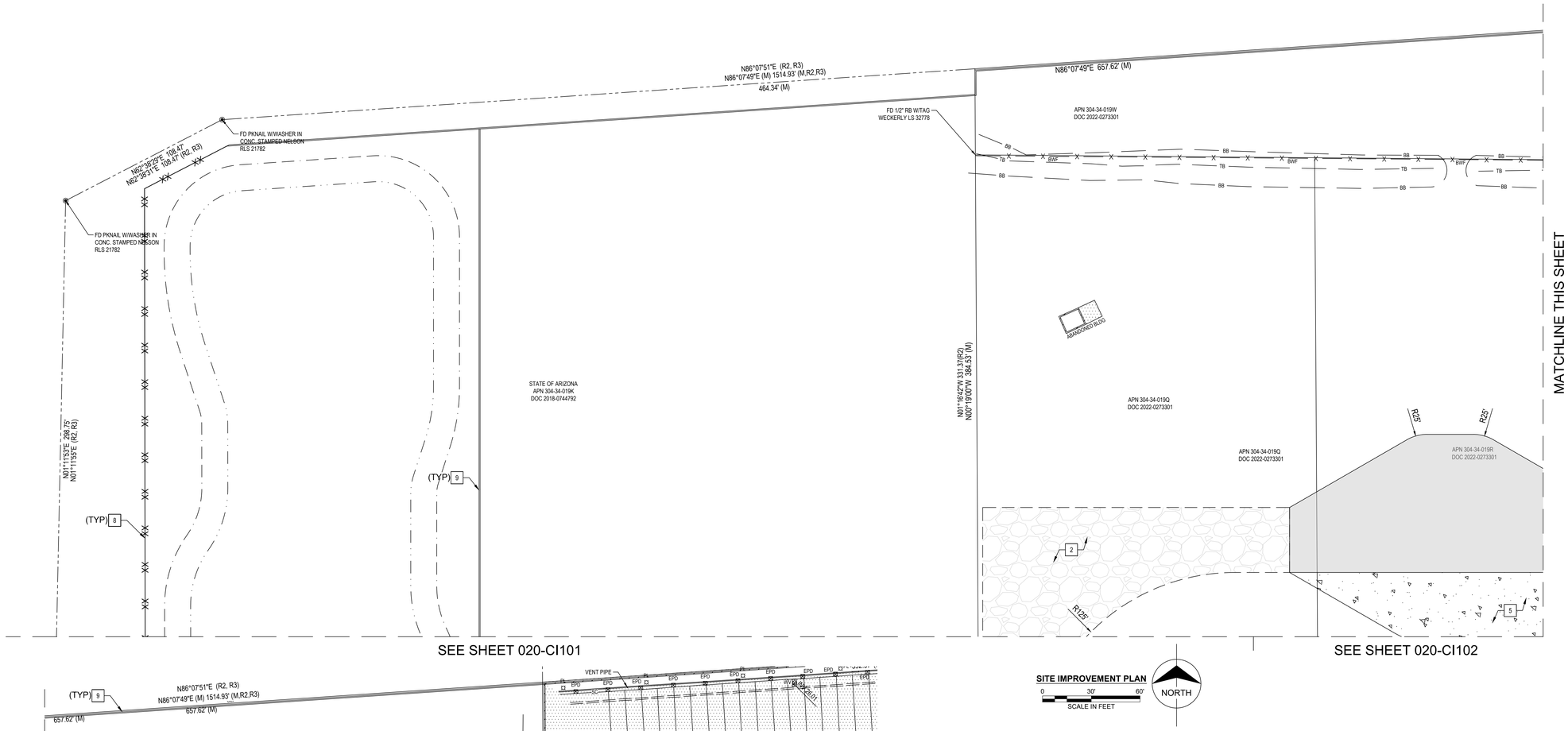
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN

SITE PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CI102
SHEET	---- OF ##



SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

CONSTRUCTION NOTES

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KEY PLAN
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NORTH

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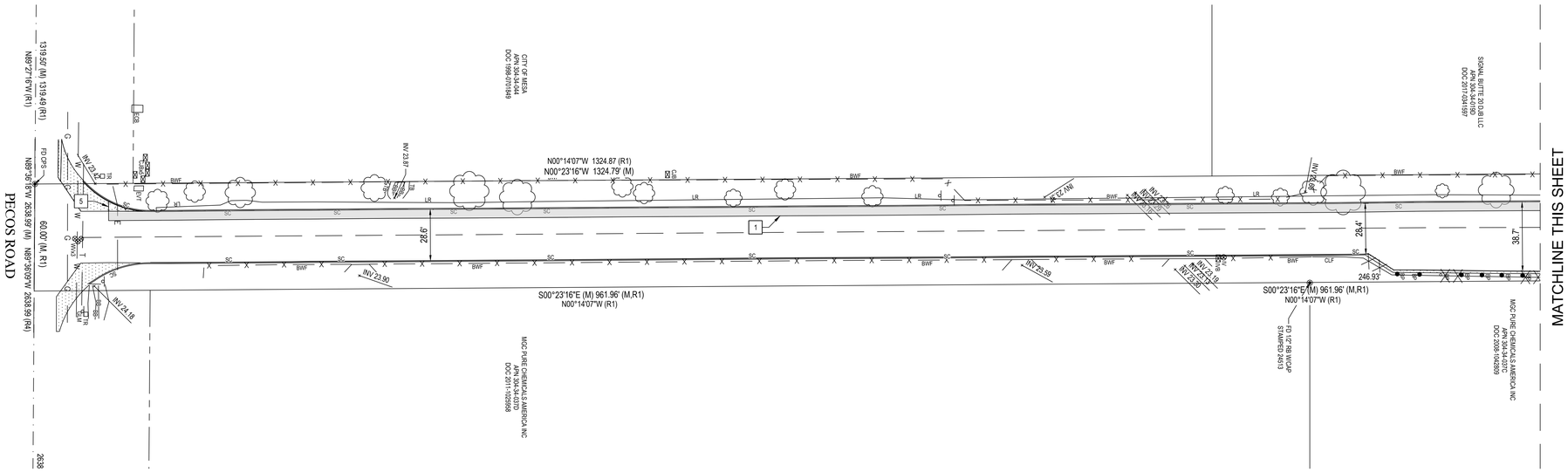
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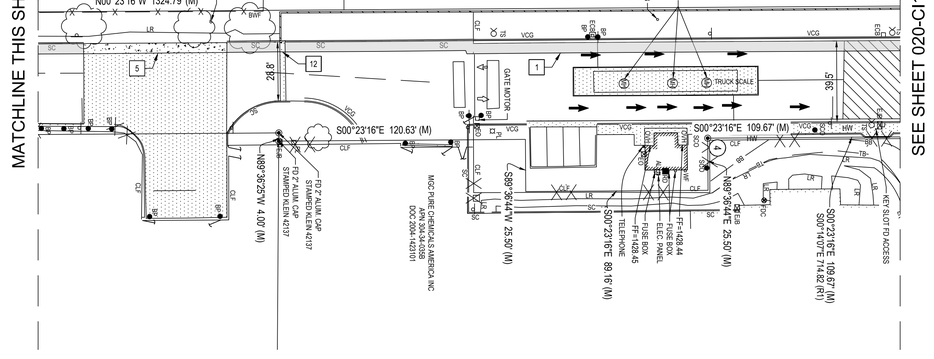
FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
SITE PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CI103
SHEET ---- OF ##	



SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

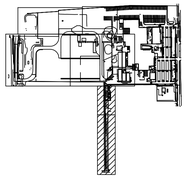


SITE IMPROVEMENT PLAN
0 30' 60'
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NORTH

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KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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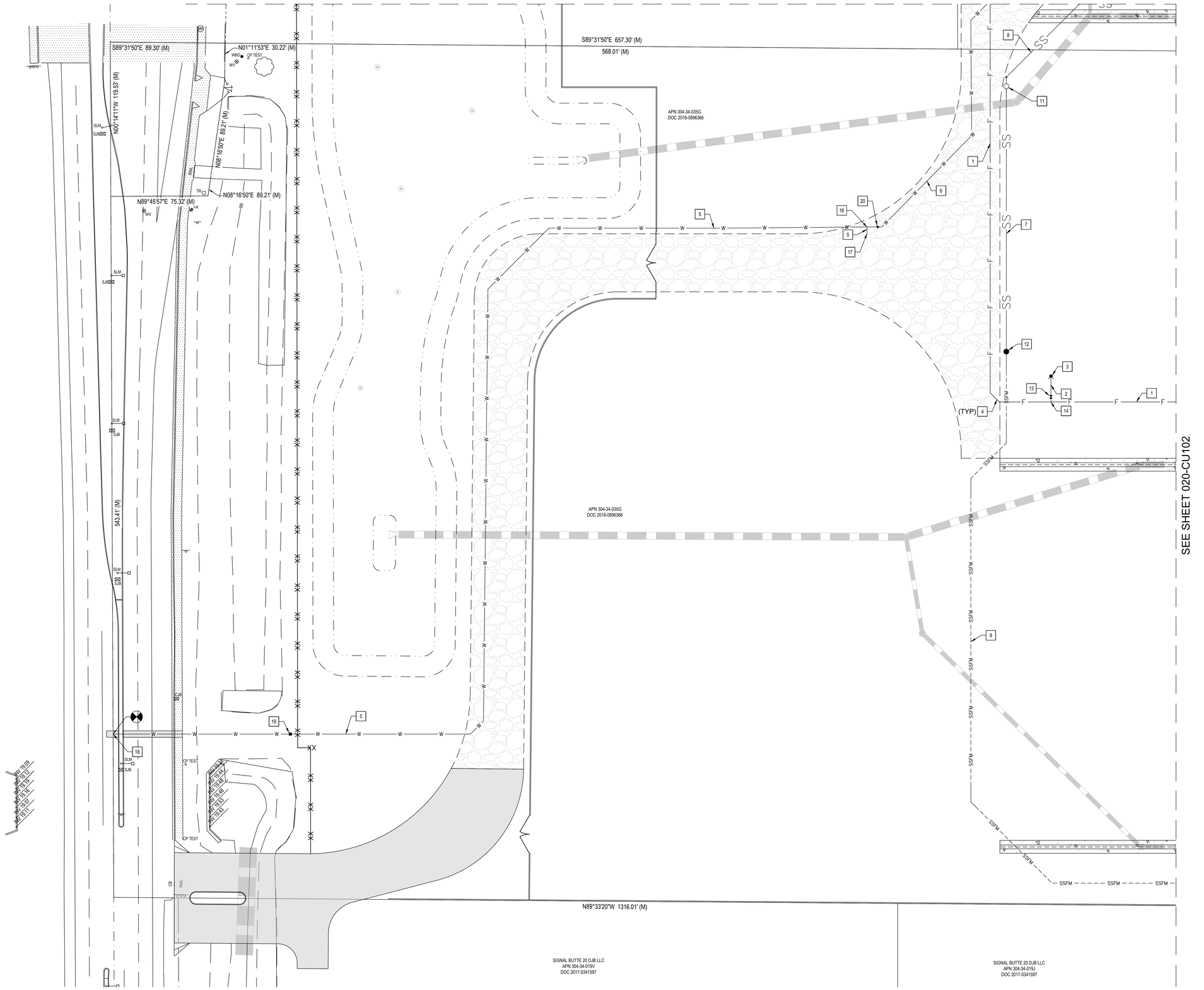
FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
SITE PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CI104
SHEET ---- OF ##

SEE SHEET 020-CU103



SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

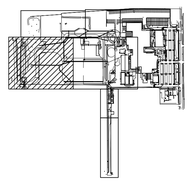
PRELIMINARY - NOT FOR CONSTRUCTION

GENERAL NOTES

1. SEE MEP PLANS FOR ALL BUILDING AND EQUIPMENT CONNECTIONS.
2. SEE ELECTRICAL PLANS FOR SITE LIGHTING LAYOUT.

CONSTRUCTION NOTES

1. 12" C-900 PVC FIRE SERVICE
2. 6" C-900 PVC FIRE SERVICE
3. FIRE HYDRANT
4. 45° BEND
5. 6" C-900 PVC DOMESTIC SERVICE
6. 4" SCH 40 PVC DOMESTIC SERVICE
7. 8" PVC SANITARY SEWER MAIN
8. 4" PVC SANITARY SEWER LATERAL
9. 1-1/2" SCH 40 PVC SANITARY SEWER FORCE MAIN
10. SANITARY SEWER CLEANOUT
11. CONCRETE SANITARY SEWER MANHOLE
12. PACKAGE PUMP STATION
13. 6" GATE VALVE & BOX
14. 12" X 6" TEE
15. 12" X 12" TEE
16. 6" X 6" TEE
17. 6" STUB PIPE FOR FUTURE EXPANSION
18. TAPPING SLEEVE AND VALVE
19. WATER METER
20. 6" X 4" REDUCER
21. ELECTRICAL DUCTBANK (SEE ELECTRICAL PLANS FOR DETAILS)



KEY PLAN
NOT TO SCALE
NORTH

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
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NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

BURNS McDONNELL
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FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
UTILITY PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CU101
SHEET ---- OF	##

FUJIFILM PROPRIETARY AND CONFIDENTIAL

SEE SHEET 020-CU103

SEE SHEET 020-CU101

SEE SHEET 020-CU104

APN 304-34-035G
DOC 2015-0896366

APN 304-34-035G
DOC 2015-0896366

ARCHAEOLOGICAL AREA DATR

ALUM. BLDG

WASHOUT PIT

CHEMICAL TANKS AND MOTORS

NO PARKING

EDGE STAIRS

STAIRS

CHEMICAL ST

METAL STAIRS

MOBILE MAN

FUSE BOX

AC DUCT

TPE 3INCH

STEEL PIPE

TANK

INV 28.22

INV 28.34

OHU

SSFM

N89°33'20"W 1316.01' (M)

S89°27'38"W 714.82' (M)

(TYP)

GENERAL NOTES

1. SEE MEP PLANS FOR ALL BUILDING AND EQUIPMENT CONNECTIONS.
2. SEE ELECTRICAL PLANS FOR SITE LIGHTING LAYOUT.

CONSTRUCTION NOTES

1. 12" C-900 PVC FIRE SERVICE
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3. FIRE HYDRANT
4. 45° BEND
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18. TAPPING SLEEVE AND VALVE
19. WATER METER
20. 6" X 4" REDUCER
21. ELECTRICAL DUCTBANK (SEE ELECTRICAL PLANS FOR DETAILS)

UTILITY PLAN
0 30' 60'
SCALE IN FEET

NORTH

KEY PLAN
NOT TO SCALE

NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
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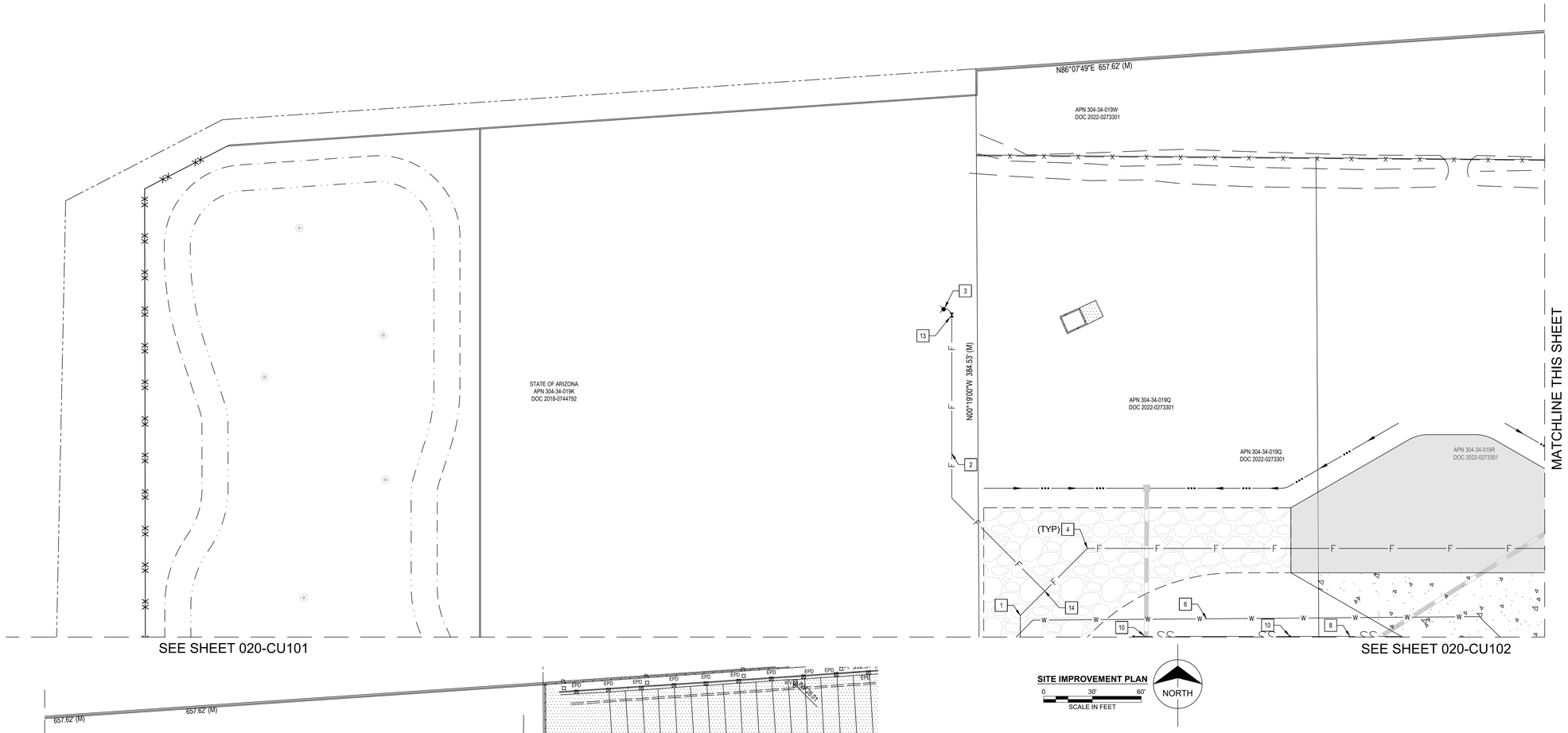
FUJIFILM
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FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
UTILITY PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

DRAWING
020-CU102
SHEET ---- OF ##



SITE IMPROVEMENT PLAN
0 30' 60'
SCALE IN FEET
NORTH

GENERAL NOTES

1. SEE MEP PLANS FOR ALL BUILDING AND EQUIPMENT CONNECTIONS.
2. SEE ELECTRICAL PLANS FOR SITE LIGHTING LAYOUT.

CONSTRUCTION NOTES

1. 12" C-900 PVC FIRE SERVICE
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3. FIRE HYDRANT
4. 45° BEND
5. 6" C-900 PVC DOMESTIC SERVICE
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KEY PLAN
NOT TO SCALE
NORTH

PRELIMINARY - NOT FOR CONSTRUCTION

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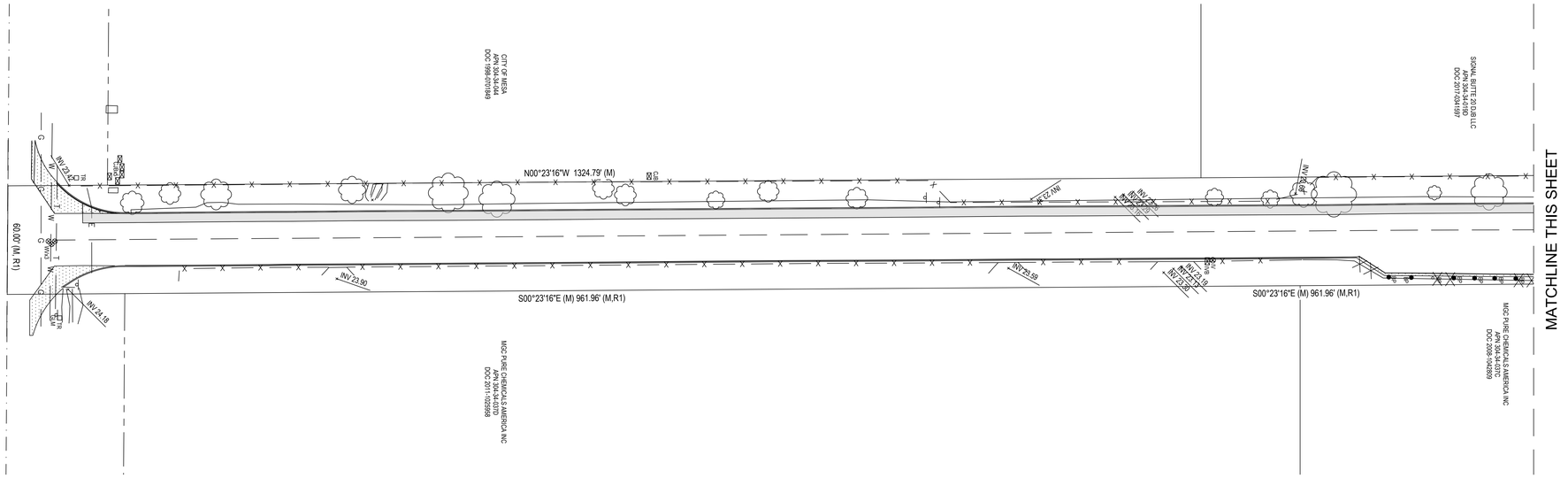
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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

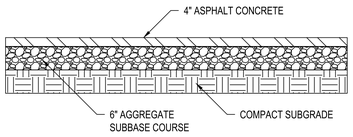
FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
UTILITY PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED

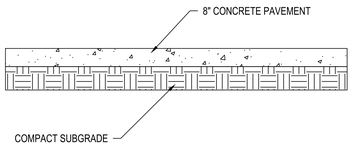
DRAWING
020-CU103
SHEET ---- OF ##


CITY OF MESA
APN 304-34-044
DOC 1996-0103494
SIGNAL BUTTE 2015-B LLC
APN 304-34-1197
DOC 2017-0341197
MSC PURE CHEMICALS AMERICA INC
APN 304-34-037D
DOC 2017-1052556
MSC PURE CHEMICALS AMERICA INC
APN 304-34-037C
DOC 2020-1042629
N00°23'16"W 1324.79' (M)
S00°23'16"E (M) 961.96' (M,R1)
S00°23'16"E (M) 961.96' (M,R1)
60.00' (M, R1)
MATCHLINE THIS SHEET
INV 23.62
INV 24.18
INV 23.90
INV 23.59
INV 23.28
INV 23.17
INV 23.06
INV 22.95
INV 22.84
INV 22.73
INV 22.62
INV 22.51
INV 22.40
INV 22.29
INV 22.18
INV 22.07
INV 21.96
INV 21.85
INV 21.74
INV 21.63
INV 21.52
INV 21.41
INV 21.30
INV 21.19
INV 21.08
INV 20.97
INV 20.86
INV 20.75
INV 20.64
INV 20.53
INV 20.42
INV 20.31
INV 20.20
INV 20.09
INV 19.98
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INV 17.12
INV 17.01
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INV -2.02
INV -2.13
INV



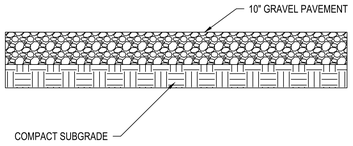
HEAVY DUTY ASPHALT PAVEMENT

NOT TO SCALE



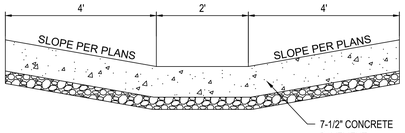
CONCRETE PAVEMENT

NOT TO SCALE



GRAVEL PAVEMENT

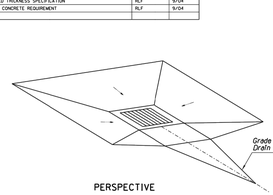
NOT TO SCALE



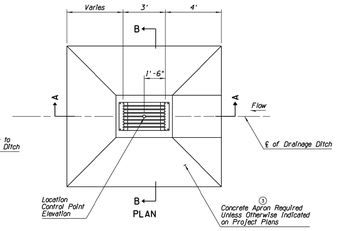
VALLEY GUTTER

NOT TO SCALE

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	REVISED CLEAR COVER	RLF	9/04
2	REVISED THICKNESS SPECIFICATION	RLF	9/04
3	ADDED CONCRETE REQUIREMENT	RLF	9/04
4			



PERSPECTIVE



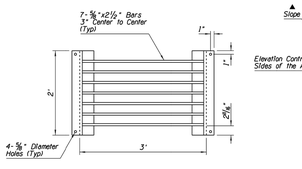
PLAN

GENERAL NOTES

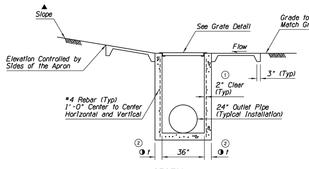
1. All concrete shall be Class B.
2. Grate and frame shall be fabricated of structural steel in accordance with ASTM A36.
3. All welding shall be in accordance with Std Spec 604-3.06.
4. Grate assembly shall be given one shop coat of Number 1 paint.

▲ Apron slopes shall match the natural flow line of the ditch. No additional depression will be allowed.

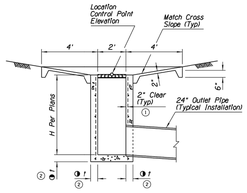
② ◑1 = 6" when H is 8' or less
8" when H is greater than 8'



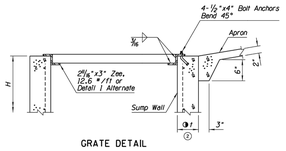
GRATE DETAIL



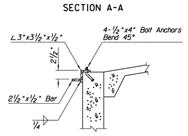
SECTION A-A



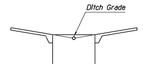
SECTION B-B



GRATE DETAIL

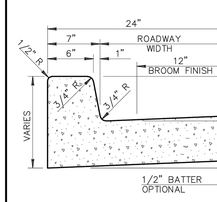


DETAIL I



DITCH GRADE DETAIL

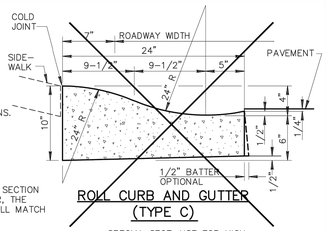
APPROVED FOR DESIGN	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD DRAWINGS	REV. 5/12
APPROVED FOR DISTRIBUTION	CATCH BASIN FLUSH	DRAWING NO. C-15.80



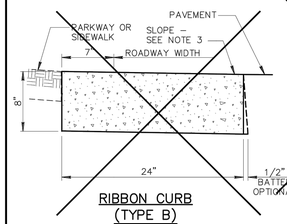
VERTICAL CURB AND GUTTER (TYPE A)

NOTES: (TYPE A)

1. ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN. SEE SECT. 340.
2. H=6" OR AS SPECIFIED ON PLANS.
3. CONTRACTION JOINT SPACING 10' MAXIMUM.
4. EXPANSION JOINTS AS PER SECT. 340.
5. CLASS 'B' CONCRETE PER 725.
6. WHEN THE ADJACENT PAVEMENT SECTION SLOPES AWAY FROM THE GUTTER, THE SLOPE OF THE GUTTER PAN SHALL MATCH PAVEMENT CROSS SLOPE.



ROLL CURB AND GUTTER (TYPE C)

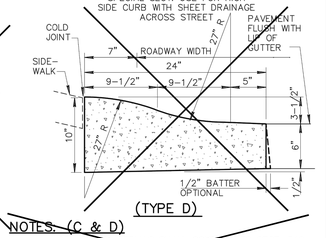


RIBBON CURB (TYPE B)

NOTES: (TYPE B)

1. CONSTRUCT CURB AND INSTALL 1/2" MASTIC EXPANSION JOINTS, A.S.T.M. D-1751. SECT. 340.
2. BROOM FINISH ALL SURFACES.
3. RIBBON CURB MAY SLOPE TOWARDS PAVEMENT OR PARKWAY AS INDICATED ON PLANS.
4. CONTRACTION JOINT SPACING 10' MAXIMUM.
5. CONCRETE SHALL BE CLASS 'B' PER SECT. 725 AND INSTALLED PER SECT. 505.

SPECIAL SECT. USE FOR HIGH SIDE CURB WITH SHEET DRAINAGE ACROSS STREET



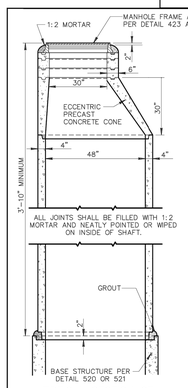
(TYPE D)

NOTES: (C & D)

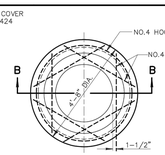
1. ALL WORK AND MATERIALS SHALL CONFORM TO SECT. 340, 505 AND 725. BROOM FINISH TO EXPOSED SURFACE.
2. CONTRACTION JOINT SPACING 10' MAXIMUM.
3. EXPANSION JOINTS AS PER SECT. 340.
4. CLASS 'B' CONCRETE PER 725.

DETAIL NO.			REVISED	DETAIL NO.
220-1	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-01-2021	220-1

CURB AND GUTTER TYPES A, B, C AND D

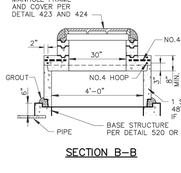


VERTICAL SECTION OF ECCENTRIC MANHOLE SHAFT



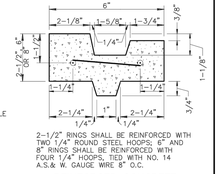
PLAN

USE WHERE THERE IS 3'-10" OR LESS COVER OVER PIPE



SECTION B-B

SHALLOW MANHOLE



2-1/2" RINGS SHALL BE REINFORCED WITH TWO 1/4" ROUND STEEL HOOPS; 6" AND 8" RINGS SHALL BE REINFORCED WITH FOUR 1/4" HOOPS, TIED WITH NO. 14 A.S.& W. GAUGE WIRE 8" O.C.

REINFORCED CONCRETE ADJUSTING RING

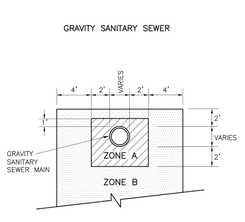
NOTES:

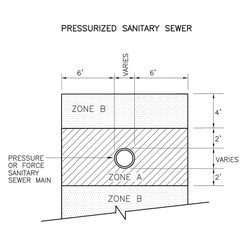
1. PRECAST CONCRETE CONES AND SECTIONS TO BE A.S.T.M. C-478.
2. BRICK MAY BE USED IN LIEU OF OR IN COMBINATION WITH CONCRETE ADJUSTING RINGS.
3. PRECAST CONCRETE SECTIONS 48" DIA PIPE MAY BE FURNISHED IN STANDARD LENGTHS.
4. UNLESS OTHERWISE SHOWN ON PLANS, USE (2) 2-1/2" PRECAST CONCRETE ADJUSTING RINGS ON IMPROVED STREETS AND (4) 2-1/2" RINGS ON UNIMPROVED STREETS.
5. CONCRETE SHALL BE CLASS A PER SECTION 725 AND 505.

DETAIL NO.			REVISED	DETAIL NO.
522	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-01-2015	522

STORM DRAIN MANHOLE SHAFT

WATER LINE EXCLUSION AND EXTRA PROTECTION ZONES*





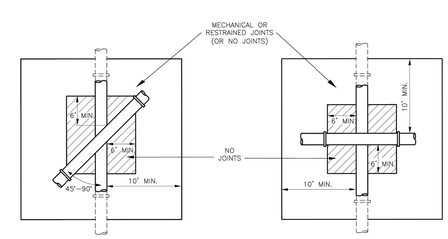
NOTES:

ZONE A: NO WATER LINES ALLOWED/MINIMUM SEPARATION.
ZONE B: EXTRA PROTECTION REQUIRED FOR WATER LINES.
* REFER TO SECTION 610, WATER LINE CONSTRUCTION.

DETAIL NO.			REVISED	DETAIL NO.
404-1	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-01-2020	404-1

WATER AND SANITARY SEWER SEPARATION/PROTECTION

WATER LINE EXTRA PROTECTION
DUCTILE IRON PIPE WITH RESTRAINED OR MECHANICAL JOINTS*



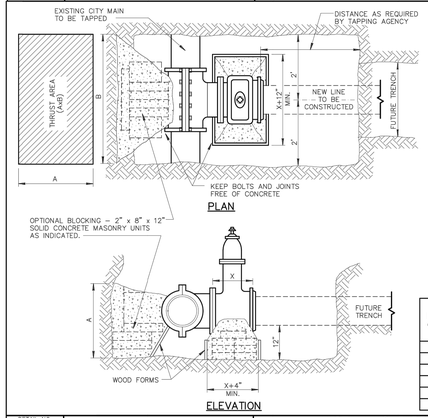
EXTRA PROTECTION DUCTILE IRON PIPE (GRAVITY OR PRESSURIZED) SEWER LINE

NOTES:

* REFER TO MAG STANDARD SPECIFICATION SECTION 610.

DETAIL NO.			REVISED	DETAIL NO.
404-2	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-01-2006	404-2

WATER AND SANITARY SEWER SEPARATION/PROTECTION



PLAN

ELEVATION

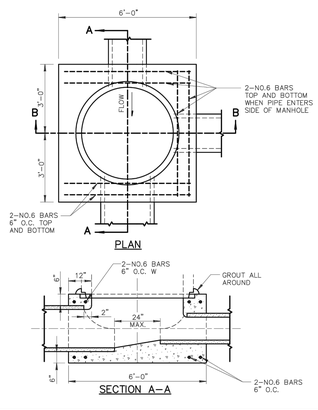
NOTES:

1. TAPPING SLEEVE TO BE PLACED A MINIMUM OF 18" FROM ANY BELL COUPLING, VALVE, FITTING OR OTHER OBSTRUCTION
2. CONTRACTOR SHALL EXCAVATE AS SHOWN AND SHALL SET TAPPING SLEEVE AND VALVE AND TIGHTEN ALL BOLTS PRIOR TO THE PRESSURE TEST.
3. ALL TAPPING SLEEVES AND VALVES MUST BE PRESSURE TESTED PRIOR TO BLOCKING OR TAPPING. THE TEST MUST BE WITNESSED AND APPROVED BY THE INSPECTOR.
4. BLOCKS ARE TO EXTEND TO UNDISTURBED GROUND AND BE INSTALLED BEFORE THE TAP IS MADE. ALL FLANGE BOLTS SHALL BE FREE AND CLEAR OF CONCRETE.
5. CONCRETE THRUST BLOCKS SHALL BE CLASS 'B' PER SECT. 725. NORMALLY, CURE TIME FOR CONCRETE IS 24 HOURS BEFORE BACKFILLING.
6. TAPS SHALL BE MADE BY CITY CREWS AT PREVAILING RATES OR BY APPROVED CONTRACTORS WHEN ALLOWED BY AGENCY.
7. THIS DETAIL COVERS TAPPING SLEEVES 4" THROUGH 16" IN SIZE ON DUCTILE IRON, CAST IRON AND ASBESTOS CEMENT PIPE. ANY OTHER SIZE OR TYPE OF PIPE WILL REQUIRE A SEPARATE SUBMITTAL AND APPROVAL BY THE ENGINEER.

SIZE OF PIPE BEING CONNECTED	MINIMUM THRUST AREA REQUIRED EQUALS (AxB) (SQUARE FEET)
4" AND LESS	3
6"	4
8"	6
10"	9
12"	13
16"	23

DETAIL NO.			REVISED	DETAIL NO.
340	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-03-2002	340

INSTALLING TAPPING SLEEVES AND VALVES

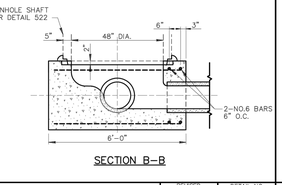


PLAN

SECTION A-A

NOTES

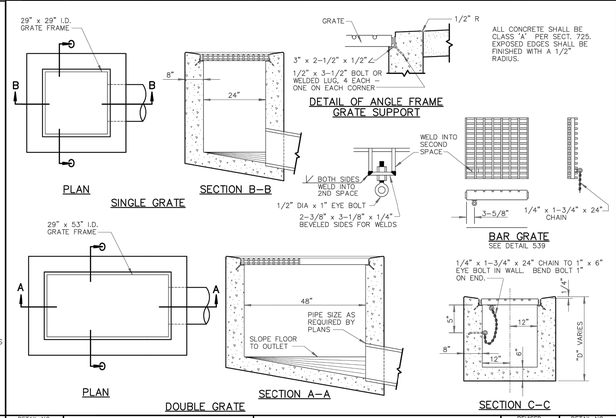
1. ALL CONCRETE TO BE CLASS 'A' PER SECT. 725, 505.
2. MATCH SPRING LINES OF PIPE ENTERING MANHOLE UNLESS OTHERWISE NOTED.
3. CUT PIPES TO ALLOW SETTING OF 4" DIA. CYLINDRICAL FORM FROM 6" ABOVE MAIN LINE PIPE TO SPRING LINE. CUT PIPE 2" LARGER THAN FORM TO ALLOW 2" CONCRETE OVER ENDS OF ALL CUT PIPE.
4. INVERT AND BASE OF MANHOLE TO BE POURED AND INVERT TO BE SHAPED BY HAND TO MAKE SMOOTH TRANSITION. FINISH WITH RUBBER FLOAT.
5. CENTER MANHOLE ON PIPE JOINT WHERE PIPE CHANGES SIZES, LEAVING A GAP OF 12" MINIMUM, 24" MAXIMUM.



SECTION B-B

DETAIL NO.			REVISED	DETAIL NO.
520	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-01-1998	520

STORM DRAIN MANHOLE BASE (48" AND SMALLER)



DETAIL OF ANGLE FRAME GRATE SUPPORT

PLAN

SINGLE GRATE

SECTION B-B

BAR GRATE
SEE DETAIL 539

PLAN

DOUBLE GRATE

SECTION A-A

SECTION C-C

DETAIL NO.			REVISED	DETAIL NO.
537	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL ENGLISH	01-03-2002	537

CATCH BASIN – TYPE 'G'

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

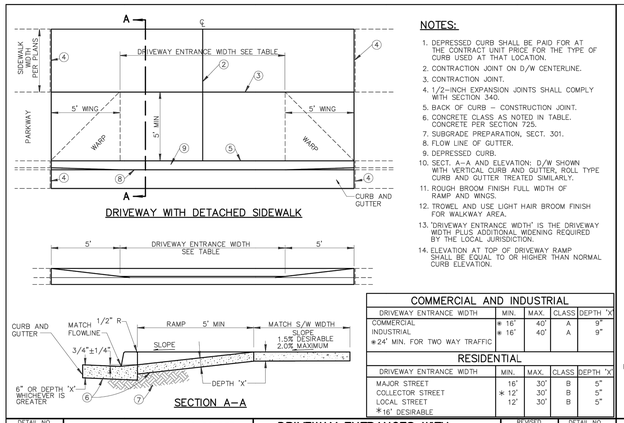
BURNS McDONNELL
8400 WARD PARKWAY
KANSAS CITY, MO 64114
(816) 333-9400
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FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
SITE PLAN

FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020-CI104
SHEET	---- OF ##



DRIVEWAY WITH DETACHED SIDEWALK

SECTION A–A

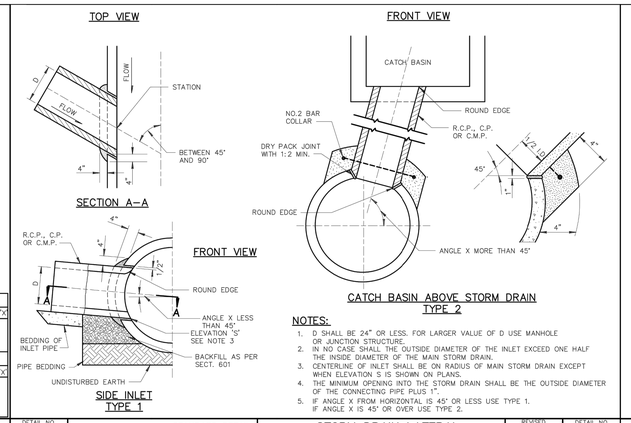
NOTES:

1. DEPRESSED CURB SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE TYPE OF CURB USED AT THAT LOCATION.
2. CONTRACTION JOINT ON D/W CENTERLINE.
3. CONTRACTION JOINT.
4. 1/2–INCH EXPANSION JOINTS SHALL COMPLY WITH SECTION 340.
5. BACK OF CURB – CONSTRUCTION JOINT.
6. CONCRETE CLASS AS NOTED IN TABLE. CONCRETE PER SECTION 725.
7. SUBGRADE PREPARATION, SECT. 301.
8. FLOW LINE OF GUTTER.
9. DEPRESSED CURB.
10. SECT. A–A AND ELEVATION: D/W SHOWN WITH VERTICAL CURB AND GUTTER, ROLL TYPE CURB AND GUTTER TREATED SIMILARLY.
11. ROUGH BROOM FINISH FULL WIDTH OF RAMP AND WINGS.
12. TROWEL AND USE LIGHT HAIR BROOM FINISH FOR WALKWAY AREA.
13. "DRIVEWAY ENTRANCE WIDTH" IS THE DRIVEWAY WIDTH PLUS ADDITIONAL WIDENING REQUIRED BY THE LOCAL JURISDICTION.
14. ELEVATION AT TOP OF DRIVEWAY RAMP SHALL BE EQUAL TO OR HIGHER THAN NORMAL CURB ELEVATION.

COMMERCIAL AND INDUSTRIAL				
DRIVEWAY ENTRANCE WIDTH	MIN.	MAX.	CLASS	DEPTH "X"
COMMERCIAL	* 16'	40'	A	9"
INDUSTRIAL	* 16'	40'	A	9"
*24' MIN. FOR TWO WAY TRAFFIC				

RESIDENTIAL				
DRIVEWAY ENTRANCE WIDTH	MIN.	MAX.	CLASS	DEPTH "X"
MAJOR STREET	16'	30'	B	5"
COLLECTOR STREET	* 12'	30'	B	5"
LOCAL STREET	12'	30'	B	5"
*16' DESIRABLE				

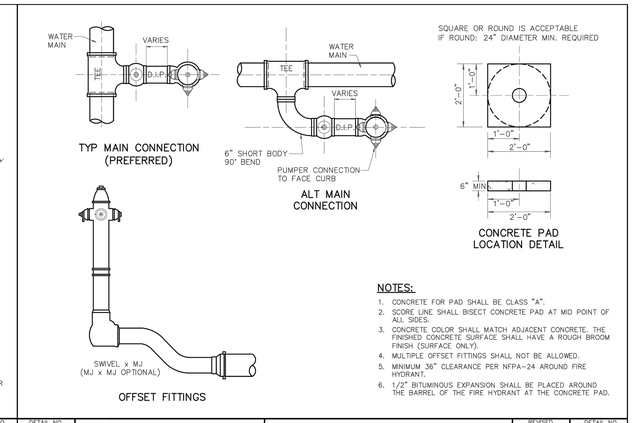
DETAIL NO.			REVISED	DETAIL NO.
250–1	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	DRIVEWAY ENTRANCES WITH DETACHED SIDEWALK	01–01–2014	250–1



NOTES:

1. D SHALL BE 24" OR LESS. FOR LARGER VALUE OF D USE MANHOLE OR JUNCTION STRUCTURE.
2. IN NO CASE SHALL THE OUTSIDE DIAMETER OF THE INLET EXCEED ONE HALF THE INSIDE DIAMETER OF THE MAIN STORM DRAIN.
3. CENTERLINE OF INLET SHALL BE ON RADIUS OF MAIN STORM DRAIN EXCEPT WHEN ELEVATION S IS SHOWN ON PLANS.
4. THE MINIMUM OPENING INTO THE STORM DRAIN SHALL BE THE OUTSIDE DIAMETER OF THE CONNECTING PIPE PLUS 1".
5. IF ANGLE X FROM HORIZONTAL IS 45° OR LESS USE TYPE 1. IF ANGLE X IS 45° OR OVER USE TYPE 2.

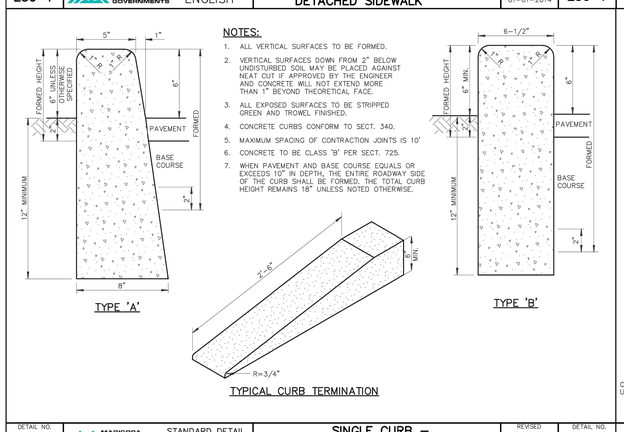
DETAIL NO.			REVISED	DETAIL NO.
524	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	STORM DRAIN LATERAL PIPE CONNECTIONS	01–01–1998	524



NOTES:

1. CONCRETE FOR PAD SHALL BE CLASS "A".
2. SCORE LINE SHALL BISECT CONCRETE PAD AT MID POINT OF ALL SIDES.
3. CONCRETE COLOR SHALL MATCH ADJACENT CONCRETE, THE FINISHED CONCRETE SURFACE SHALL HAVE A ROUGH BROOM FINISH (SURFACE ONLY).
4. MULTIPLE OFFSET FITTINGS SHALL NOT BE ALLOWED.
5. MINIMUM 36" CLEARANCE PER NFPA–24 AROUND FIRE HYDRANT.
6. 1/2" BITUMINOUS EXPANSION SHALL BE PLACED AROUND THE BARREL OF THE FIRE HYDRANT AT THE CONCRETE PAD.

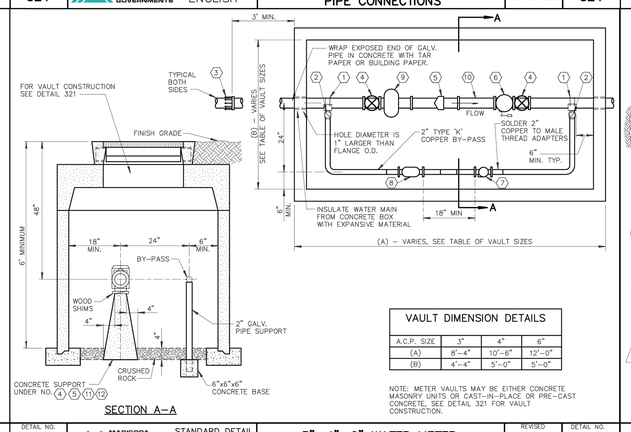
DETAIL NO.			REVISED	DETAIL NO.
360–3	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	FIRE HYDRANT INSTALLATION DETAILS	01–01–2013	360–3



NOTES:

1. ALL VERTICAL SURFACES TO BE FORMED.
2. VERTICAL SURFACES DOWN FROM 2" BELOW UNDISTURBED SOIL MAY BE PLACED AGAINST NEAT CUT IF APPROVED BY THE ENGINEER AND CONCRETE WILL NOT EXTEND MORE THAN 1" BEYOND THEORETICAL FACE.
3. ALL EXPOSED SURFACES TO BE STRIPPED GREEN AND TROWEL FINISHED.
4. CONCRETE CURBS CONFORM TO SECT. 340.
5. MAXIMUM SPACING OF CONTRACTION JOINTS IS 10'
6. CONCRETE TO BE CLASS 'B' PER SECT. 725.
7. WHEN PAVEMENT AND BASE COURSE EQUALS OR EXCEEDS 12" IN DEPTH, THE ENTIRE ROADWAY SIDE OF THE CURB SHALL BE FORMED. THE TOTAL CURB HEIGHT REMAINS 18" UNLESS NOTED OTHERWISE.

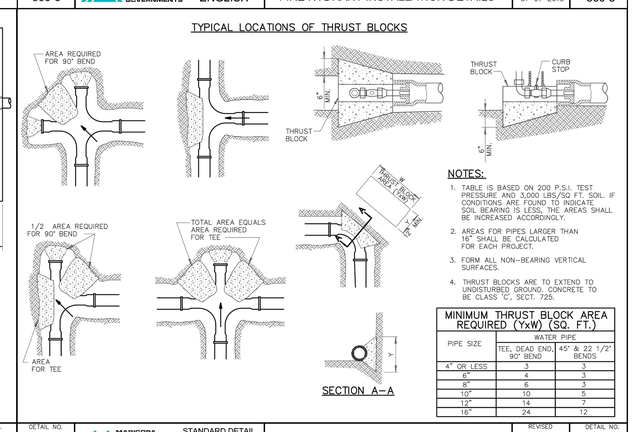
DETAIL NO.			REVISED	DETAIL NO.
222	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	SINGLE CURB – TYPES A, B AND TERMINATION	01–01–2008	222



VAULT DIMENSION DETAILS			
A.C.P. SIZE	3"	4"	6"
(A)	8'–4"	10'–6"	12'–0"
(B)	4'–4"	5'–0"	5'–0"

NOTE: METER VAULTS MAY BE EITHER CONCRETE MASONRY UNITS OR CAST–IN–PLACE OR PRE–CAST CONCRETE, SEE DETAIL 321 FOR VAULT CONSTRUCTION.

DETAIL NO.			REVISED	DETAIL NO.
345–1	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	3", 4", 6" WATER METER	01–01–1998	345–1

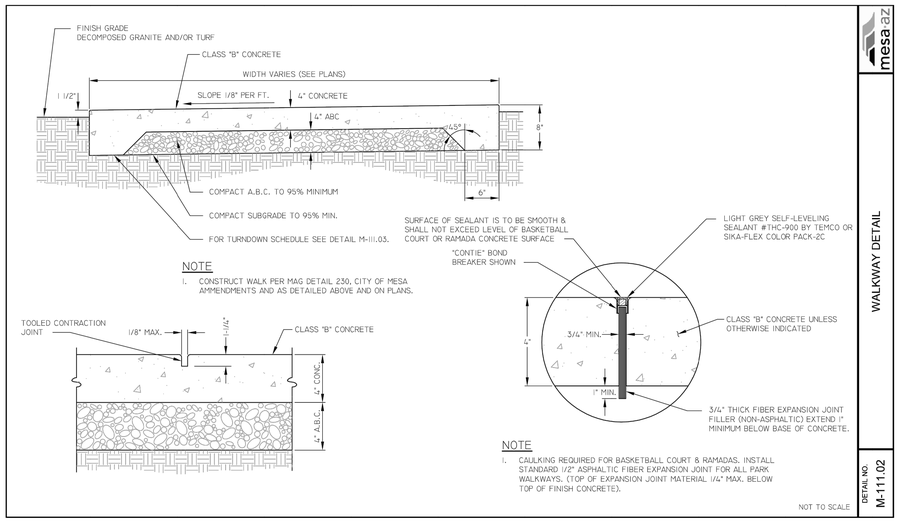


NOTES:

1. TABLE IS BASED ON 200 P.S.I. TEST PRESSURE AND 3,000 LBS/SQ.FT. SOIL. IF CONDITIONS ARE FOUND TO INDICATE SOIL BEARING IS LESS, THE AREAS SHALL BE INCREASED ACCORDINGLY.
2. AREAS FOR PIPES LARGER THAN 16" SHALL BE CALCULATED FOR EACH PROJECT.
3. FORM ALL NON–BEARING VERTICAL SURFACES.
4. THRUST BLOCKS ARE TO EXTEND TO UNDISTURBED GROUND, CONCRETE TO BE CLASS 'C', SECT. 725.

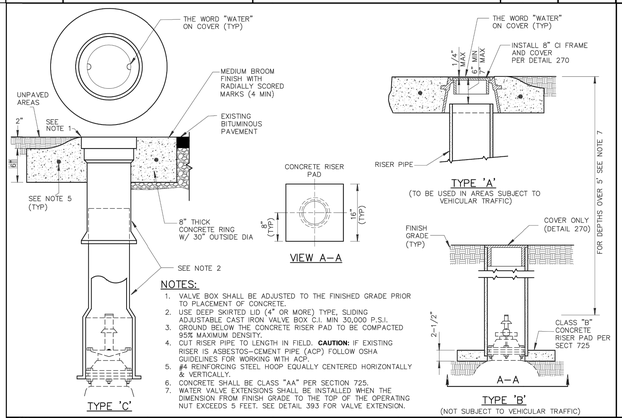
MINIMUM THRUST BLOCK AREA REQUIRED (YxW) (SQ. FT.)		
PIPE SIZE	WATER PIPE	
	TEE, DEAD END, 90° BEND	45° & 22 1/2° BENDS
4" OR LESS	3	3
6"	4	3
8"	6	3
10"	10	5
12"	14	7
16"	24	12

DETAIL NO.			REVISED	DETAIL NO.
380	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	THRUST BLOCKS FOR WATER LINES	01–01–1998	380



WALKWAY DETAIL

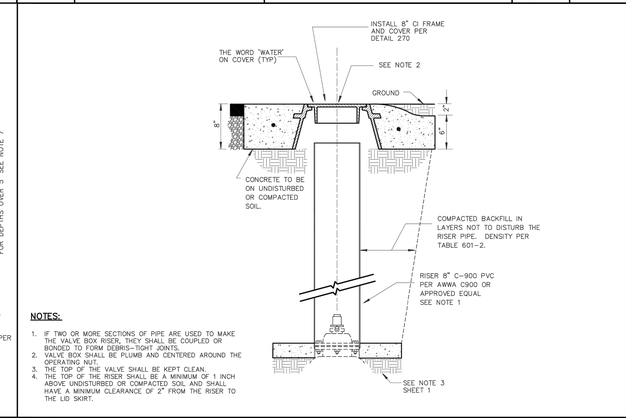
DETAIL NO. M–111.02



NOTES:

1. VALVE BOX SHALL BE ADJUSTED TO THE FINISHED GRADE PRIOR TO PLACEMENT OF CONCRETE.
2. USE DEEP SKIRTED LID (4" OR MORE) TYPE, SLIDING ADJUSTABLE CAST IRON VALVE BOX C.I. MIN 30,000 P.S.I.
3. GROUND BELOW THE CONCRETE RISER PAD TO BE COMPACTED 95% MAXIMUM DENSITY.
4. CUT RISER PIPE TO LENGTH IN FIELD. **CAUTION:** IF EXISTING RISER IS ASBESTOS–CEMENT PIPE (ACP) FOLLOW OSHA GUIDELINES FOR WORKING WITH ACP.
5. #4 REINFORCING STEEL HOOP EQUALLY CENTERED HORIZONTALLY & VERTICALLY.
6. CONCRETE SHALL BE CLASS "AA" PER SECTION 725.
7. WATER VALVE EXTENSIONS SHALL BE INSTALLED WHEN THE DIMENSION FROM FINISH GRADE TO THE TOP OF THE OPERATING NUT EXCEEDS 5 FEET. SEE DETAIL 393 FOR VALVE EXTENSION.

DETAIL NO.			REVISED	DETAIL NO.
391–1	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	VALVE BOX INSTALLATION AND GRADE ADJUSTMENT	01–01–2018	391–1



NOTES:

1. IF TWO OR MORE SECTIONS OF PIPE ARE USED TO MAKE THE VALVE BOX RISER, THEY SHALL BE COUPLED OR BONDED TO FORM DEBRIS–TIGHT JOINTS.
2. VALVE BOX SHALL BE PLUMB AND CENTERED AROUND THE OPERATING NUT.
3. THE TOP OF THE VALVE SHALL BE KEPT CLEAN.
4. THE TOP OF THE RISER SHALL BE A MINIMUM OF 1 INCH ABOVE UNDISTURBED OR COMPACTED SOIL AND SHALL HAVE A MINIMUM CLEARANCE OF 2" FROM THE RISER TO THE LID SKIRT.

DRAFT			REVISED	DETAIL NO.
391–2	MARICOPA ASSOCIATION of GOVERNMENTS STANDARD DETAIL ENGLISH	VALVE BOX INSTALLATION AND GRADE ADJUSTMENT	01–01–2017	391–2

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33–1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

BURNS McDONNELL
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KANSAS CITY, MO 64114
TEL (816) 333-9400
Burns & McDonnell Engineering Company, Inc.
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FUJIFILM PROPRIETARY AND CONFIDENTIAL

FUJIFILM

FUJIFILM Electronic Materials U.S.A., Inc.

6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN

SITE DETAILS

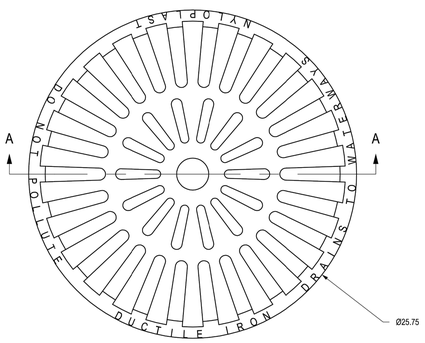
FUJI NO.: CLIENT PROJ. NO.
A&E FIRM NO.: 147051
DRAWN: C.WILLIAMS
CHECKED: A.MONSOUR
DATE: 01/14/2025
SCALE: AS NOTED
DRAWING
020–C1502
SHEET ---- OF ##

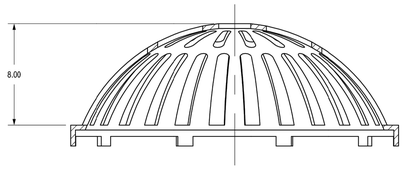
PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE

2499CGD

APPROX. DRAIN AREA = 270.64 SQ IN
APPROX. WEIGHT = 53.00 LBS





SECTION A-A

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOCKING DEVICE AVAILABLE UPON REQUEST

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DRAWN BY	EBC	MATERIAL	DUCTILE IRON
DATE	03-06-06		
REVISED BY	CCA	PROJECT NO./NAME	
DATE	08-30-13		
DWG SIZE	A	SCALE 1:6	SHEET 1 OF 1

ADS Nyloplast

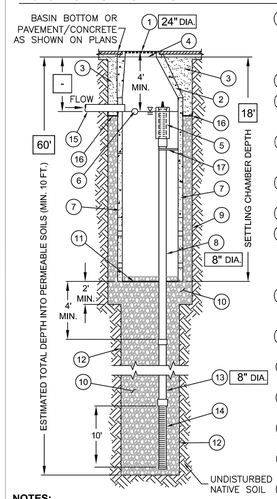
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE: 24 IN DOME GRATE

DWG NO. 7001-110-219 REV E

PureWell™ SINGLE-CHAMBER DRYWELL DETAIL

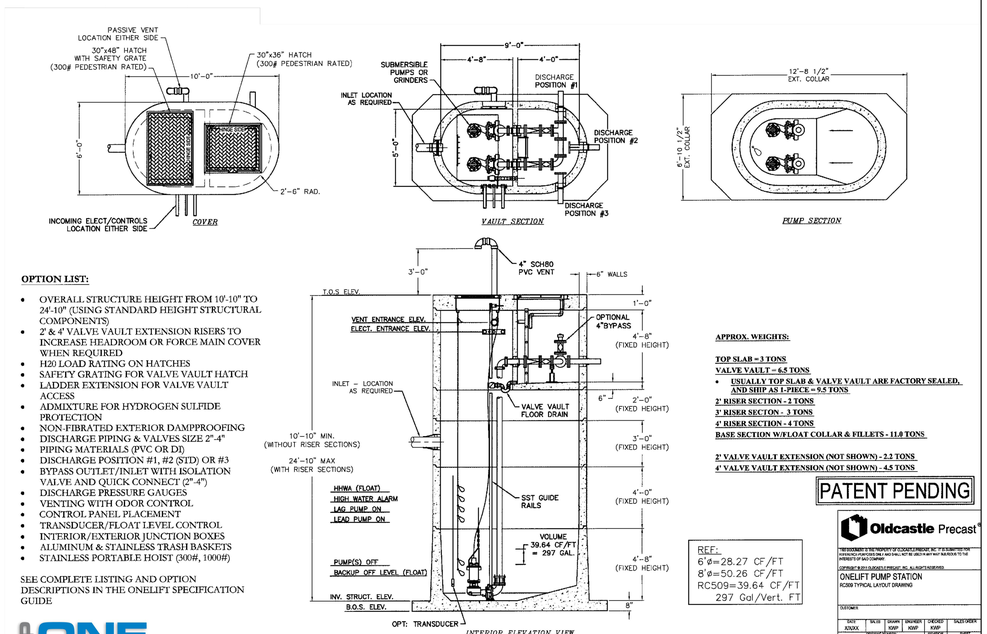
NOT TO SCALE



1. **CAST-IRON GRATE** – CAST–IRON RING/GRATE WITH RAISED LETTERS, "STORMWATER ONLY". BOLTED IN TWO PLACES, SECURED TO THE CONE WITH MORTAR. SEE DETAIL FOR GRATE DIAMETER SIZE. RIM/GRATE ELEVATION SET AS SHOWN ON PLANS.
2. **PRECAST MANHOLE CONE** – SPECIFIED WITH 4000 PSI CONCRETE.
3. **BACKFILL AROUND CONE** – COMPACTED FILL TO SUBGRADE FOR LANDSCAPE OR 1–SACK SLURRY STABILIZATION FOR PAVEMENT/CONCRETE SURFACING.
4. **GEOTEXTILE FILTER FABRIC** – 4 OZ. NON–WOVEN FABRIC. CONTRACTOR/OWNER TO REMOVE FABRIC ON GRATE ONLY AFTER ALL CONSTRUCTION IS COMPLETE.
5. **DEBRIS SCREEN/SHIELD** – OVERFLOW INTAKE PVC SCREEN/SHIELD WITH 2" ANTI–SIPHON VENT. USE 2' SLOTTED SCREEN PVC PIPE.
6. **OIL-ABSORBENT PILLOW** – MINIMUM 1 GALLON CAPACITY.
7. **PRE-CAST DRYWELL LINER** – 48" ID. X 54" OD. USE 4000 PSI CONCRETE. LINER SECTIONS TO BE ALIGNED CENTERED WITH DRILLED SHAFT. BOTTOM SECTION OF LINER TO HAVE PERFORATIONS. SEAL ALL LINER GAPS WITH MORTAR.
8. **OVERFLOW DRAIN STANDPIPE** – USE CONTINUOUS PVC SCH–40 PIPE MATERIAL WITH A MINIMUM EMBEDMENT OF 4' INTO THE GRAVEL PACK. SEE DETAIL FOR DIAMETER SIZE.
9. **MININUM 6' DIA. DRILLED SHAFT** – SHAFT EXCAVATED IN A MANNER TO PROTECT DRAINAGE SOILS.
10. **GRAVEL PACK** – 3/8" TO 1–1/2" WASHED, CLEAN GRAVEL PACK INCLUDING SURROUNDING CHAMBER.
11. **GEOTEXTILE INFILTRATION BARRIER** – 4 OZ. NON–WOVEN FABRIC WITH 2 INCHES OF GRAVEL COVER FOR SECURING FABRIC.
12. **MINIMUM 4' DIA. DRILLED SHAFT** – SHAFT EXCAVATED IN A MANNER TO PROTECT DRAINAGE SOILS.
13. **DRYWELL DRAIN PIPE** – USE PVC SDR–35 PIPE MATERIAL. SEE DETAIL FOR DIAMETER SIZE. (MIN. 6" DIA.).
14. **INJECTION SCREEN** – USE SLOTTED SCH–40 PVC SCREEN PIPE.
15. **OPTIONAL INLET PIPE** – OPTIONAL CONNECTING PIPE, SIZE AND INVERT ELEVATION SPECIFIED PER PLANS (MIN. 4" DIA.). MORTAR SEAL CONNECTION.
16. **MOISTURE BARRIER** – 6 MIL. PLASTIC BARRIER TO WRAPPED AROUND LINER WALL AND DRILL SHAFT.
17. **REINFORCMENT BRACKET** – USE 12 GA. STAINLESS STEEL SUPPORTING BRACKET.

NOTES:
1. UPON COMPLETION OF INSTALLATION, CONTRACTOR SHALL VERIFY REGISTRATION OF THE INSTALLED DRYWELLS WITH A.D.E.Q. AND FURNISH THE CITY, OWNER, AND ENGINEER OF RECORD ALL PERTINENT REGISTRATION DOCUMENTATION.
2. ALL DRYWELLS SHALL BE MAINTAINED AND ARE TO BE REPLACED WHEN THEY CEASE TO DRAIN SURFACE WATER WITHIN A 36–HR PERIOD. REGULAR MAINTENANCE OF THE DRYWELL SETTLING CHAMBER IS REQUIRED TO ACHIEVE THE BEST PERFORMANCE OF THE DRYWELL.
3. THE DEVELOPMENT SERVICES DEPT. SHALL INSPECT EACH WELL SITE PRIOR TO PLACEMENT OF LINER AND BACKFILL TO VERIFY 10' PENETRATION INTO SAND AND GRAVEL. WHERE IT IS UNCLEAR WHETHER SAND AND GRAVEL HAS BEEN PENETRATED, A PERCOLATION TEST SHALL BE PERFORMED.

StormWater Pros, LLC
916 E. IMPALA AVENUE, STE. 101 (480) 926-1003 TEL
MESA, AZ 85204 (480) 813-9612 FAX



OPTION LIST:

- OVERALL STRUCTURE HEIGHT FROM 10'-10" TO 24'-10" (USING STANDARD HEIGHT STRUCTURAL COMPONENTS)
- 2' & 4' VALVE VAULT EXTENSION RISERS TO INCREASE HEADROOM OR FORCE MAIN COVER WHEN REQUIRED
- H20 LOAD RATING ON HATCHES
- SAFETY GRATING FOR VALVE VAULT HATCH
- LADDER EXTENSION FOR VALVE VAULT ACCESS
- ADMIXTURE FOR HYDROGEN SULFIDE PROTECTION
- NON-FIBRATED EXTERIOR DAMPPROOFING
- DISCHARGE PIPING & VALVES SIZE 2"-4"
- PIPING MATERIALS (PVC OR DI)
- DISCHARGE POSITION #1, #2 (STD) OR #3
- BYPASS OUTLET/INLET WITH ISOLATION VALVE AND QUICK CONNECT (2"-4")
- DISCHARGE PRESSURE GAUGES
- VENTING WITH ODOR CONTROL
- CONTROL PANEL PLACEMENT
- TRANSDUCER/FLOAT LEVEL CONTROL
- INTERIOR/EXTERIOR JUNCTION BOXES
- ALUMINUM & STAINLESS TRASH BASKETS
- STAINLESS PORTABLE HOIST (300#, 1000#)

SEE COMPLETE LISTING AND OPTION DESCRIPTIONS IN THE ONELIFT SPECIFICATION GUIDE

APPROX. WEIGHTS:

TOP SLAB = 2 TONS
VALVE VAULT = 6.5 TONS
- **USUALLY TOP SLAB & VALVE VAULT ARE FACTORY SEALED, AND SHIP AS 1-PIECE = 9.5 TONS**

2' RISER SECTION - 2 TONS
3' RISER SECTION - 3 TONS
4' RISER SECTION - 4 TONS
BASE SECTION W/FLOAT COLLAR & FILLETS - 11.0 TONS

2' VALVE VAULT EXTENSION (NOT SHOWN) - 2.2 TONS
4' VALVE VAULT EXTENSION (NOT SHOWN) - 4.5 TONS

PATENT PENDING

REF:
6'ø=28.27 CF/FT
8'ø=50.26 CF/FT
RC509=39.64 CF/FT
297 Gal/Vert. FT

Oldcastle Precast

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CONTRACT BLOCK (CLIENT, ENGINEER, ALL ALTERNATES NOTED)
ONELIFT PUMP STATION
RC509 TYPICAL LAYOUT DRAWING

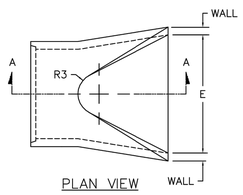
CUSTOMER					
DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
XX/XX/X		KWP	KWP	KWP	
DRAWING NUMBER				REVISION	SHEET
324-XXXXX-001				REVISED SHEET	1 OF

PUMP ONE LIFT STATION RC509

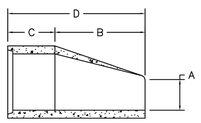
www.onelift.com | 888.965.3227

ELLIPTICAL FLARED END SECTION

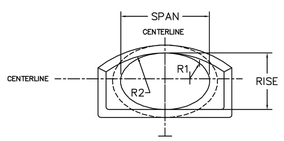
CONCRETE PIPE



PLAN VIEW



SECTION A – A



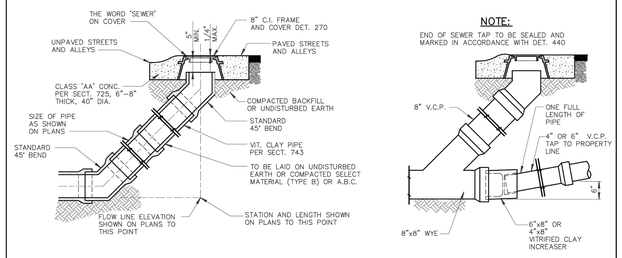
END VIEW

EQUIVALENT CIRCULAR PIPE DIAMETER	NOMINAL INSIDE RISE x SPAN	WALL THICKNESS C	APPROX. WEIGHT	A	FLARE LENGTH B	BARREL LENGTH C	LAY LENGTH D	FLARE WIDTH E	R–1	R–2	R–3
18"	14" x 23"	2–3/4"	1300	8"	2'–4"	3'–0"	5'–1"	36"	6–3/32"	19–15/16"	8"
24"	19" x 30"	3–1/4"	1875	8–1/2"	3'–4"	2'–9"	6'–1"	48"	8–7/32"	26–1/4"	7"
30"	24" x 38"	3–3/4"	2450	9–1/2"	4'–8"	1'–6"	6'–0"	60"	10–1/4"	33–13/16"	9"
36"	29" x 45"	4–1/2"	4840	11–1/2"	5'–1"	3'–0"	5'–1"	72"	12–5/8"	39–3/8"	12"
42"	34" x 53"	5"	6456	15–3/4"	5'–0"	3'–0"	6'–0"	78"	14–9/32"	45–29/32"	13"
48"	38" x 60"	5–1/2"	7870	21"	5'–0"	3'–0"	6'–0"	84"	15–7/16"	51–19/32"	14"
54"	43" x 68"	6"	9990	25–1/2"	5'–0"	3'–0"	6'–0"	90"	16–21/32"	58–19/32"	16"

CP006
5/07

16419 TEN LANE, NAMPA, IDAHO 83687 – (208) 465–0176 – 1–800–696–5648 – FAX (208) 465–7129

* ITEMS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.



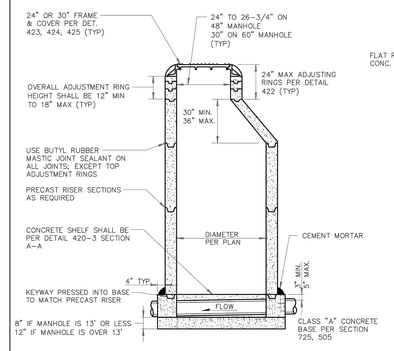
CLEANOUT INSTALLATION

NOTE:
END OF SEWER TAP TO BE SEALED AND MARKED IN ACCORDANCE WITH DET. 440

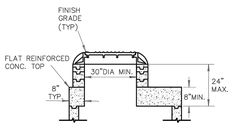
SEWER TAP AT CLEANOUT

DETAIL NO.	STANDARD DETAIL		REVISED	DETAIL NO.
441	MARICOPA ASSOCIATION of GOVERNMENTS ENGLISH	SEWER CLEANOUT	01–01–2001	441

TYPE 'A' TOP
(PRECAST ECCENTRIC CONICAL TOP MANHOLE)



(PRECAST FLAT TOP M.H.)



NOTES:
1. PRECAST STEEL REINFORCED MANHOLE SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C 478 EXCEPT AS MODIFIED HEREIN.
2. CAST–IN–PLACE MANHOLE BASE TO BE CONSTRUCTED IN ONE PLACEMENT.
3. CAST–IN–PLACE MANHOLE BASE SHELF AND CHANNEL TO RECEIVE SMOOTH TROWEL FINISH.
4. MANHOLE COATINGS PER AGENCY.
5. SEE MAG DETAIL 422 FOR FINAL ADJUSTMENT TO GRADE.
6. ANY MANHOLE OVER 20' SHALL REQUIRE ENGINEER (STRUCTURAL) CALCS.
7. THE MANHOLE ACCESS POINT SHALL BE ORIENTED IN SUCH A WAY THAT THE OPENING IS DIRECTLY ABOVE THE LOWEST INVERT, OR AS OTHERWISE DIRECTED BY THE PLANS OR ENG.
8. FOR PRECAST BASE SEE DETAIL 420–2.
9. FLAT TOPS SHALL ONLY BE USED WITH APPROVAL FROM THE ENGINEER.

DETAIL NO.	STANDARD DETAIL		REVISED	DETAIL NO.
420-1	MARICOPA ASSOCIATION of GOVERNMENTS ENGLISH	CONCRETE SANITARY SEWER MANHOLE	01-01-2015	420-1

NOTICE OF EXTENDED PAYMENT PROVISION (AZ. STAT. 33-1182). THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENTS WITHIN 30 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS, CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES RELEASE OF RETENTION, AND CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

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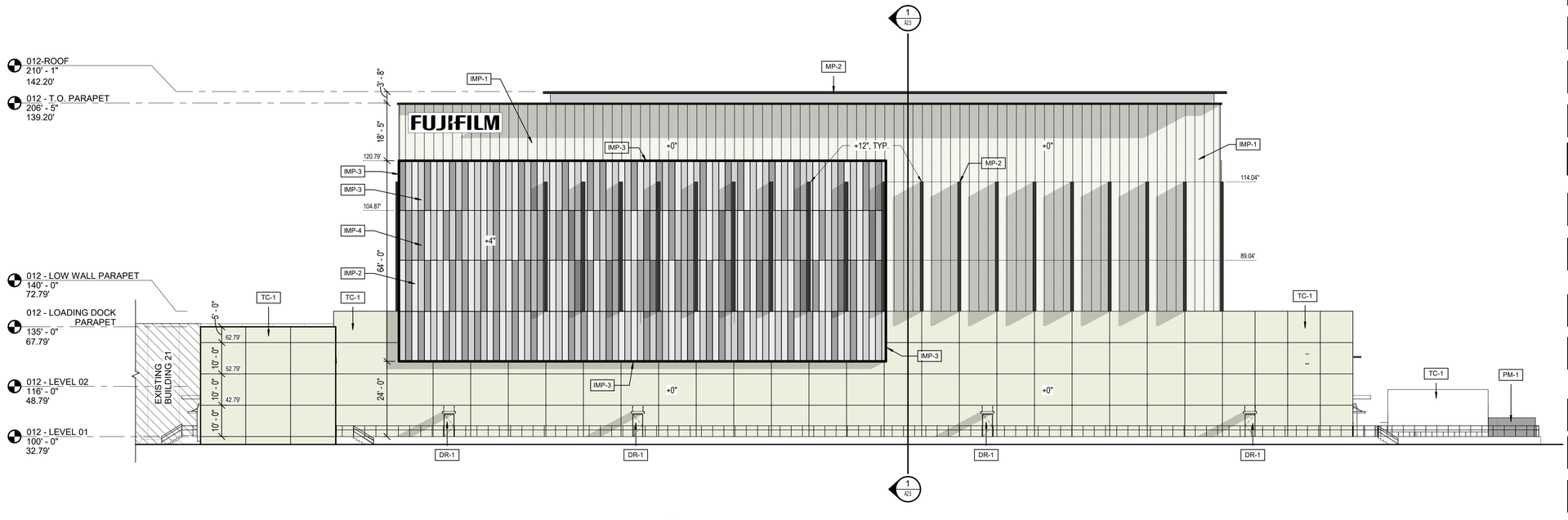
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FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJIFILM ELECTRONIC MATERIALS, ARIZONA
PROJECT MELVILLE PHASE 1 30% DESIGN
SITE DETAILS

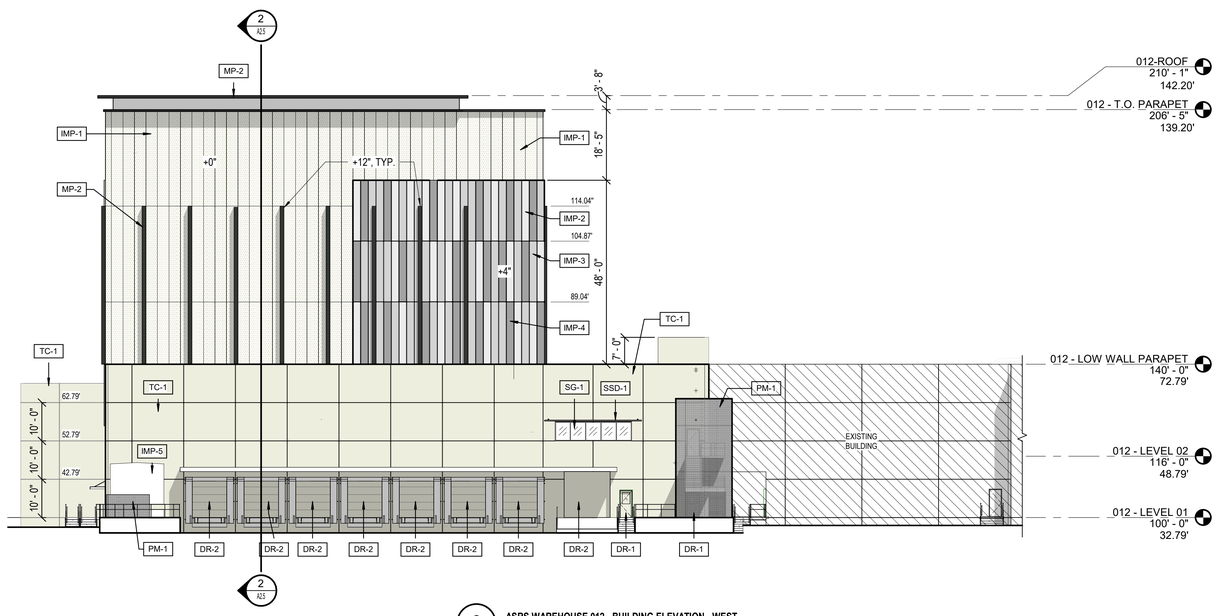
FUJI NO.:	CLIENT PROJ. NO.
A&E FIRM NO.:	147051
DRAWN:	C.WILLIAMS
CHECKED:	A.MONSOUR
DATE:	01/14/2025
SCALE:	AS NOTED
DRAWING	020–C1503
SHEET	---- OF ##

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
C	03/24/25	CW	CW	AM	ISSUED FOR REZONING
B	01/14/25	CW	AM	AM	ISSUED FOR REZONING
A	12/01/23	CW	AM	AM	ISSUED FOR ESTIMATE



1 ASRS WAREHOUSE 012 AND LOADING DOCK ADDITION 21A - BUILDING ELEVATION - NORTH
SCALE: 1/16" = 1'-0"



2 ASRS WAREHOUSE 012 - BUILDING ELEVATION - WEST
SCALE: 1/16" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

	DR-1	**HOLLOW METAL DOOR AND FRAME** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	DR-2	**SECTIONAL OVERHEAD DOOR** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	IMP-1	**INSULATED METAL PANEL** STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE
	IMP-2	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"
	IMP-3	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"
	IMP-4	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"
	IMP-5	**INSULATED METAL PANEL** POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING
	MP-1	**METAL PANEL- MP-1** BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY
	MP-2	**METAL PANEL** ACCENT, 12" WIDE. BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE
	PM-1	**PERFORATED CORRUGATED METAL PANEL** BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY
	RO-1	**ROOF** WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK
	SG-1	**STOREFRONT GLAZING** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU
	SG-2	**1" INSULATION COATED GLAZING** VITRO ARCHITECTURAL GLASS, WITH OPACI-COAT 300, "BLACK GREY"
	SSD-1	**SOLAR BRISE SOLEIL** BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM
	SSD-2	**ALUMINUM WINDOW SYSTEM** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM
	SSD-3	**ALUMINUM CURTAINWALL SYSTEM** BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM
	TC-1	**TILT-UP CONCETE WALLS** PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340
	TC-2	**TILT-UP CONCRETE WALLS** WITH RECKLI "B SICILIA" FORMLINER PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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2. SUB CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND QUANTIFYING ALL PENETRATIONS.
3. COORDINATE DOWNSPOUT ELEVATION WITH ROOF TAPPERED INSULATION SLOPE AND LOCATION.
4. MECHANICAL EQUIPMENT, ELECTRICAL METER AND SERVICE COMPONENTS, ROOF DRAINAGE SYSTEMS AND SIMILAR UTILITY DEVICES WHETHER GROUND LEVEL, WALL MOUNTED, OR ROOF MOUNTED, SHALL BE SCREENED TO APPEAR AS AN INTEGRAL PART OF THE BUILDING.

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
D	09/25/2023	CA	CB	KT	ISSUED FOR REZONING 2nd COMMENTS
C	07/31/2023	CA	CB	KT	ISSUED FOR REZONING COMMENTS
B	04/28/2023	CA	CB	KT	ISSUED FOR REZONING SUBMITTAL
A	02/27/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

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MESA, AZ 85212
scott.klamm@fujifilm.com
(480)987-7092

KAYLA J. TRUSS-BORDEN 65611 ARIZONA U.S.A. REGISTERED ARCHITECT
EXPIRES 03/31/2026

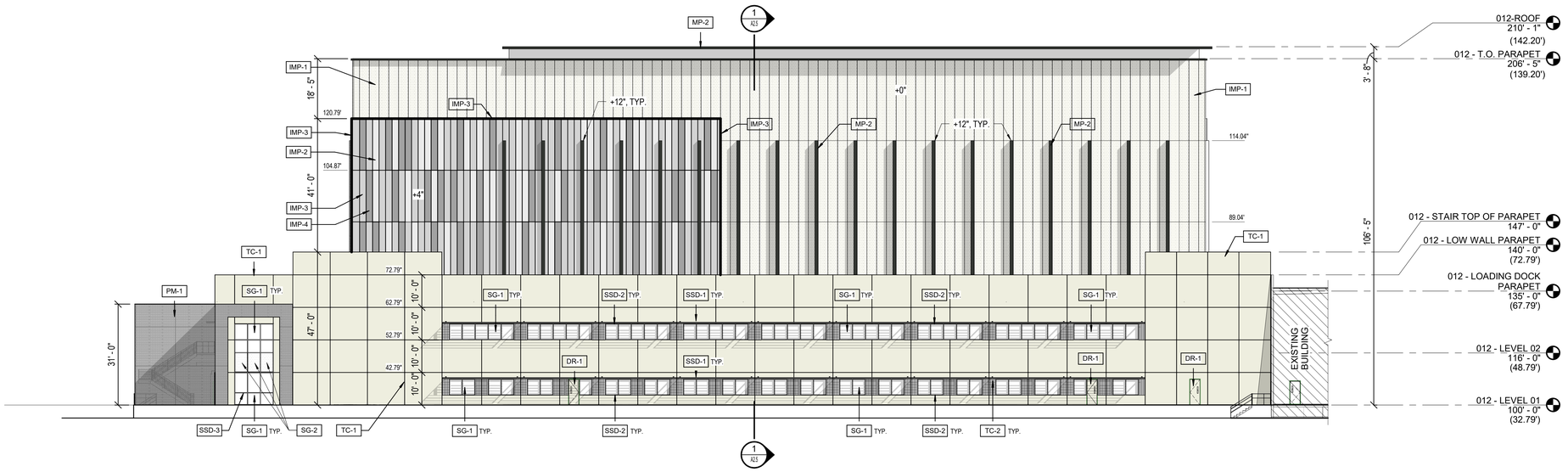
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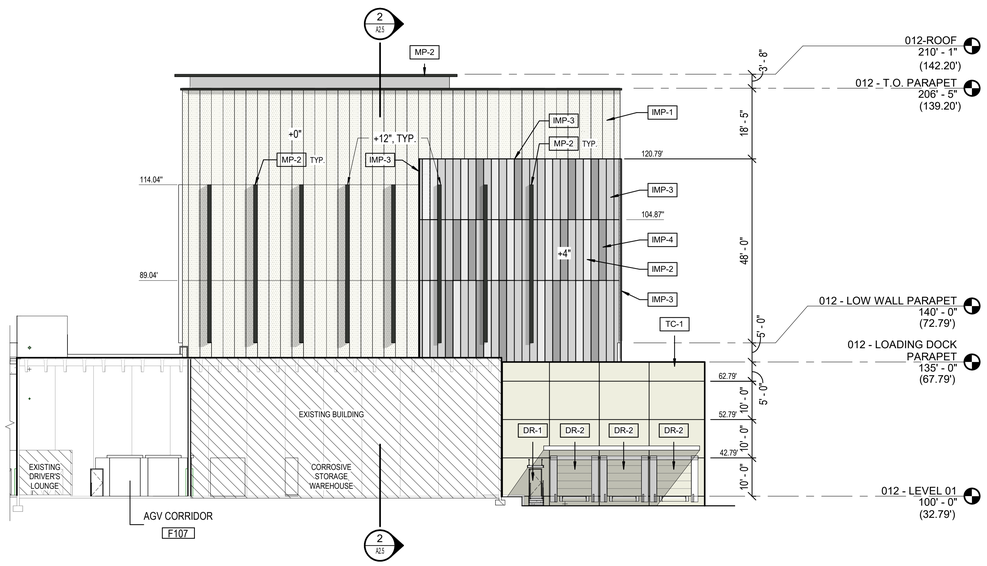
FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D - BUILDING ELEVATIONS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.3
SHEET	OF

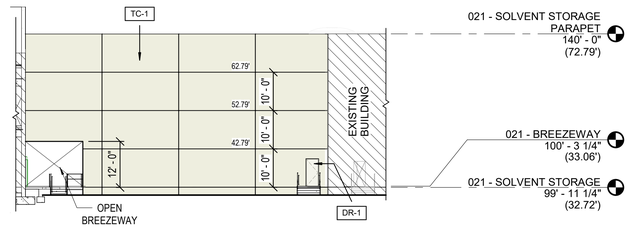
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1 **ASRS WAREHOUSE 012 - BUILDING ELEVATION - SOUTH**
SCALE: 1/16" = 1'-0"



2 **LOADING DOCK ADDITION 21A AND ASRS WAREHOUSE 012 - BUILDING ELEVATION - EAST**
SCALE: 1/16" = 1'-0"



3 **SOLVENT WAREHOUSE EXPANSION 21D - BUILDING ELEVATION - WEST**
SCALE: 1/16" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

DR-1 **HOLLOW METAL DOOR AND FRAME**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

DR-2 **SECTIONAL OVERHEAD DOOR**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

IMP-1 **INSULATED METAL PANEL**
STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE

IMP-2 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"

IMP-3 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"

IMP-4 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"

IMP-5 **INSULATED METAL PANEL**
POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING

MP-1 **METAL PANEL- MP-1**
BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY

MP-2 **METAL PANEL**
ACCENT, 12" WIDE, BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE

PM-1 **PERFORATED CORRUGATED METAL PANEL**
BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY

RO-1 **ROOF**
WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK

SG-1 **STOREFRONT GLAZING**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU

SG-2 **1" INSULATION COATED GLAZING**
VITRO ARCHITECTURAL GLASS, WITH OPACI-COAT 300, "BLACK GREY"

SSD-1 **SOLAR BRISE SOLEIL**
BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM

SSD-2 **ALUMINUM WINDOW SYSTEM**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM

SSD-3 **ALUMINUM CURTAINWALL SYSTEM**
BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM

TC-1 **TILT-UP CONCETE WALLS**
PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

TC-2 **TILT-UP CONCRETE WALLS**
WITH RECKLI "B SICILIA" FORMLINER
PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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A	02/27/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

REGISTRANT
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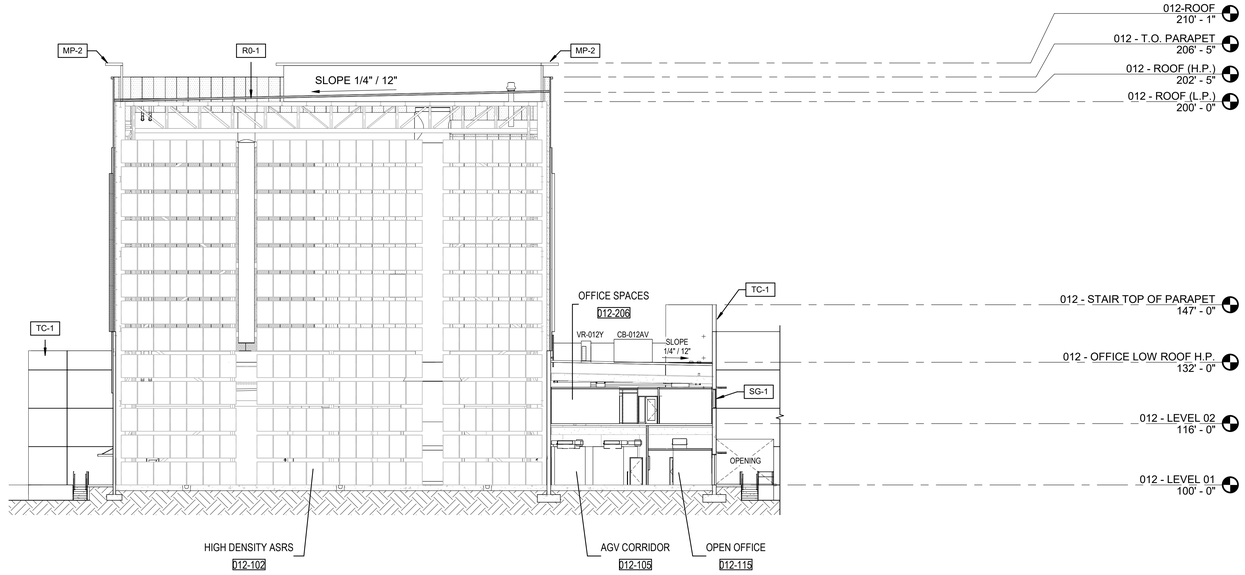
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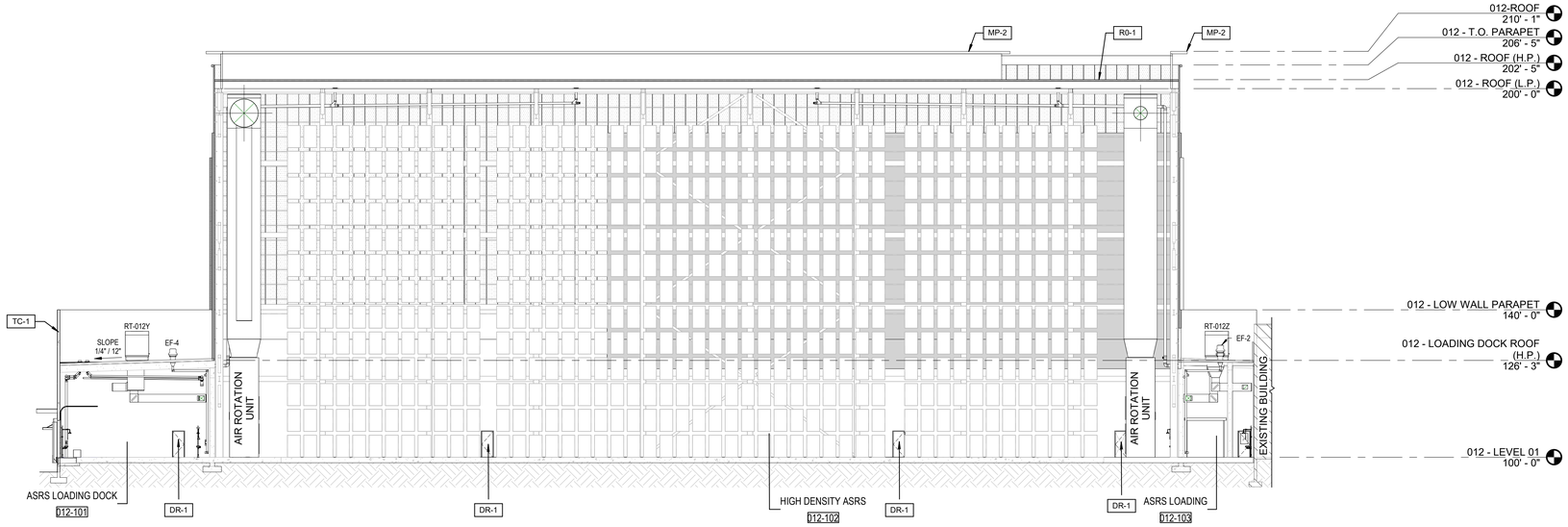
FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D - BUILDING ELEVATIONS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.4
SHEET	OF

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1 **ASRS WAREHOUSE BUILDING SECTION**
SCALE: 1/16" = 1'-0"



2 **ASRS WAREHOUSE BUILDING SECTION**
SCALE: 1/16" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

DR-1 **HOLLOW METAL DOOR AND FRAME**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

DR-2 **SECTIONAL OVERHEAD DOOR**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

IMP-1 **INSULATED METAL PANEL**
STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE

IMP-2 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"

IMP-3 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"

IMP-4 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"

IMP-5 **INSULATED METAL PANEL**
POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING

MP-1 **METAL PANEL- MP-1**
BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY

MP-2 **METAL PANEL**
ACCENT, 12" WIDE, BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE

PM-1 **PERFORATED CORRUGATED METAL PANEL**
BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY

RO-1 **ROOF**
WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK

SG-1 **STOREFRONT GLAZING**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU

SG-2 **1" INSULATION COATED GLAZING**
VITRO ARCHITECTURAL GLASS. WITH OPACI-COAT 300, "BLACK GREY"

SSD-1 **SOLAR BRISE SOLEIL**
BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM

SSD-2 **ALUMINUM WINDOW SYSTEM**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM

SSD-3 **ALUMINUM CURTAINWALL SYSTEM**
BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM

TC-1 **TILT-UP CONCETE WALLS**
PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

TC-2 **TILT-UP CONCRETE WALLS**
WITH RECKLI "B SICILIA" FORMLINER PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
B	09/25/2023	CA	CB	KT	ISSUED FOR REZONING 2nd COMMENTS
A	07/31/2023	CA	CB	KT	ISSUED FOR REZONING COMMENTS

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KAYLA J. TRUSS-BORDEN 65611 ARIZONA U.S.A. REGISTERED ARCHITECT
EXPIRES 03/31/2026

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Burns & McDonnell Engineering Company, Inc.
License No. 11523

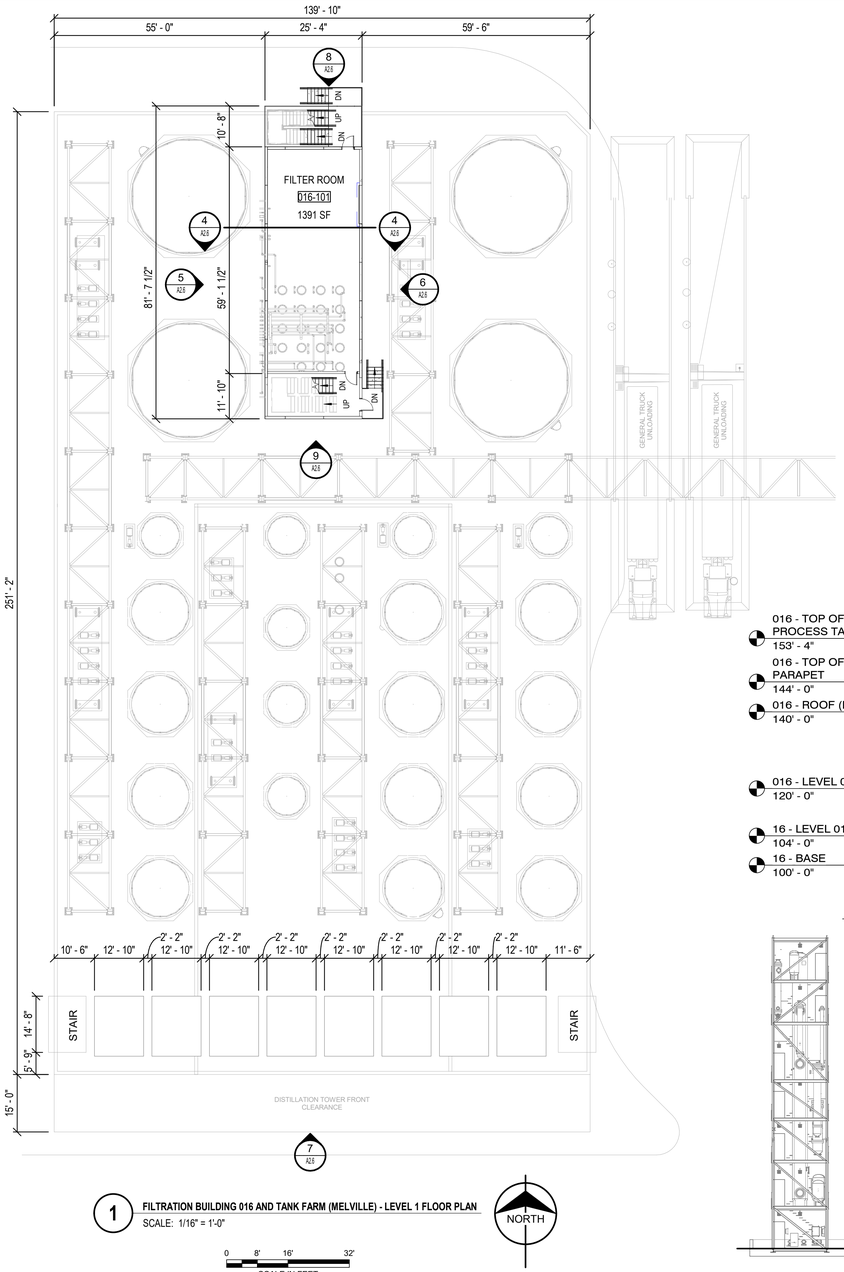
FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - ASRS WAREHOUSE BUILDING SECTIONS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	07/07/2023
SCALE:	AS NOTED

DRAWING A2.5
SHEET OF

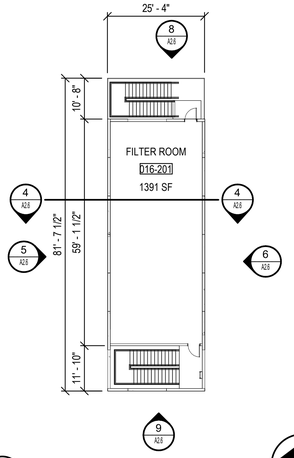
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1 **FILTRATION BUILDING 016 AND TANK FARM (MELVILLE) - LEVEL 1 FLOOR PLAN**
SCALE: 1/16" = 1'-0"

0 8" 16" 32"
SCALE IN FEET

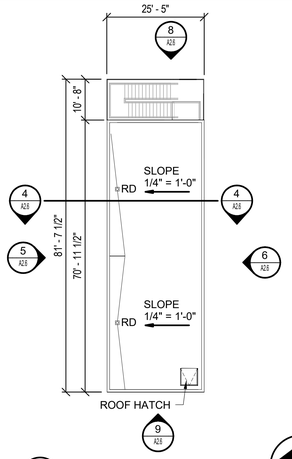
NORTH



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SCALE IN FEET

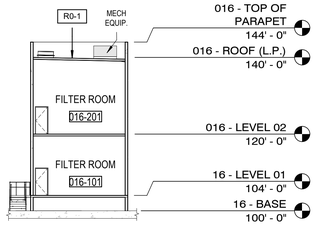
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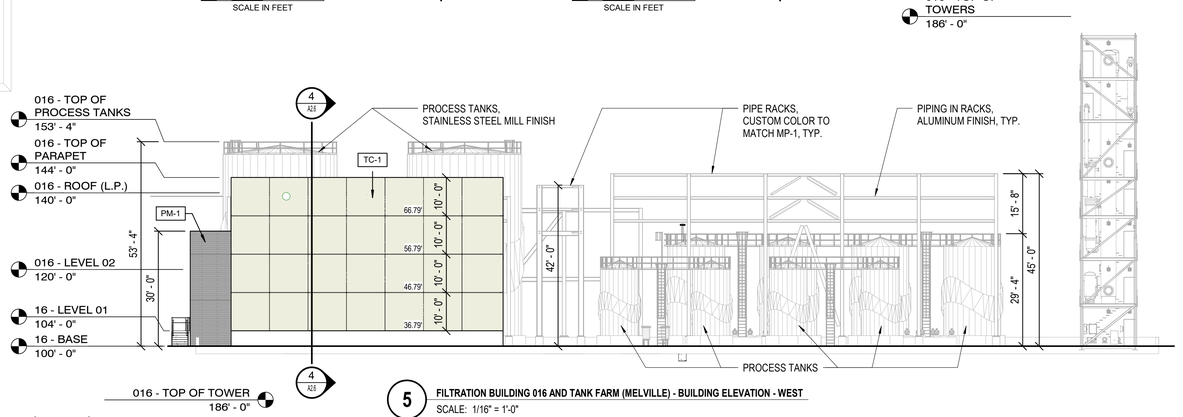
3 **FILTRATION BUILDING 016 - ROOF PLAN**
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SCALE IN FEET

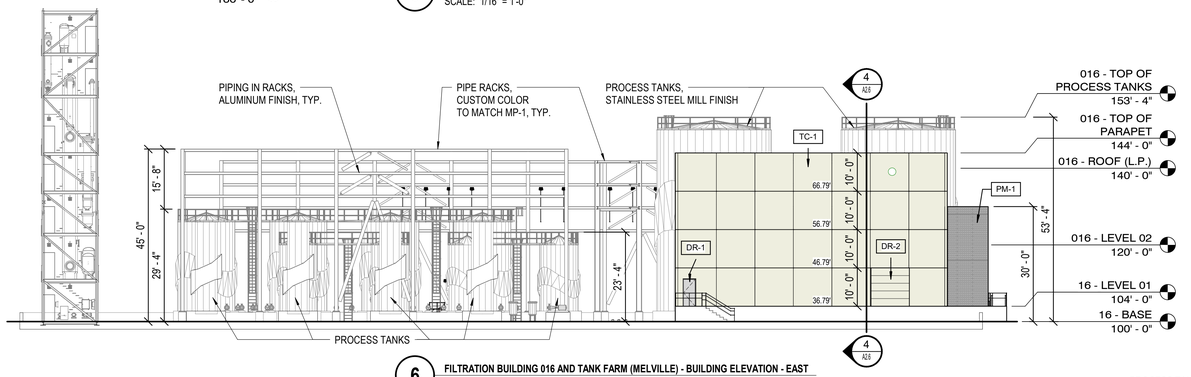
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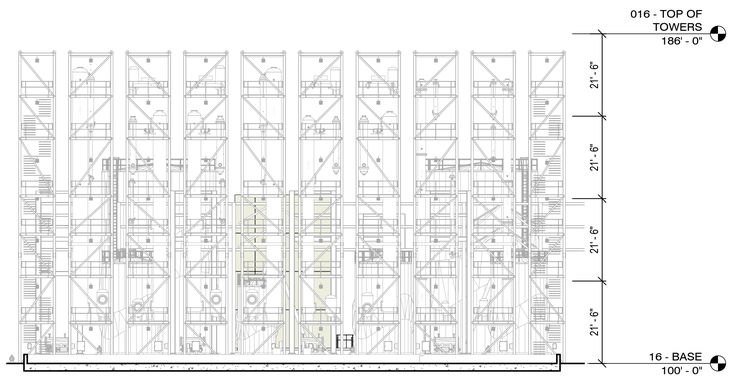
4 **FILTRATION BUILDING - BUILDING SECTION**
SCALE: 1/16" = 1'-0"



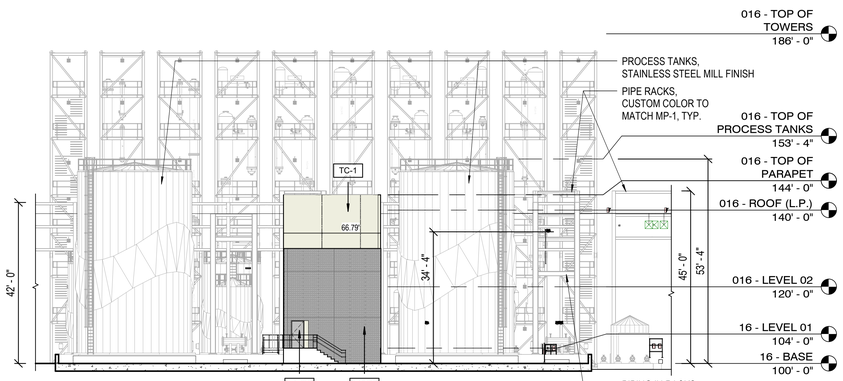
5 **FILTRATION BUILDING 016 AND TANK FARM (MELVILLE) - BUILDING ELEVATION - WEST**
SCALE: 1/16" = 1'-0"



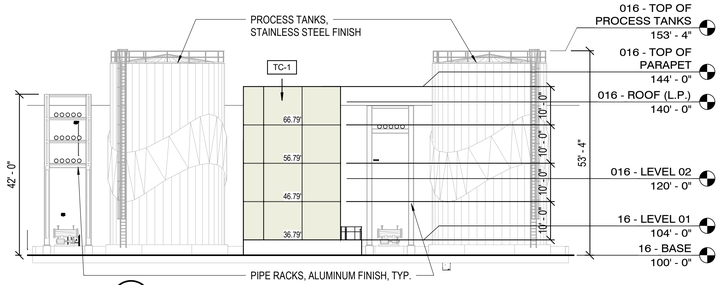
6 **FILTRATION BUILDING 016 AND TANK FARM (MELVILLE) - BUILDING ELEVATION - EAST**
SCALE: 1/16" = 1'-0"



7 **TANK FARM (MELVILLE) - PROCESSING TOWERS ELEVATION - SOUTH**
SCALE: 1/16" = 1'-0"



8 **FILTRATION BUILDING 016 AND TANK FARM (MELVILLE) - BUILDING ELEVATION - NORTH**
SCALE: 1/16" = 1'-0"



9 **FILTRATION BUILDING 016 AND TANK FARM (MELVILLE) - BUILDING ELEVATION - SOUTH**
SCALE: 1/16" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

	DR-1	**HOLLOW METAL DOOR AND FRAME** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	DR-2	**SECTIONAL OVERHEAD DOOR** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	IMP-1	**INSULATED METAL PANEL** STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE
	IMP-2	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"
	IMP-3	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"
	IMP-4	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"
	IMP-5	**INSULATED METAL PANEL** POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING
	MP-1	**METAL PANEL- MP-1** BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY
	MP-2	**METAL PANEL** ACCENT, 12" WIDE, BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE
	PM-1	**PERFORATED CORRUGATED METAL PANEL** BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY
	RO-1	**ROOF** WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK
	SG-1	**STOREFRONT GLAZING** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU
	SG-2	**1" INSULATION COATED GLAZING** VITRO ARCHITECTURAL GLASS, WITH OPACI-COAT 300, "BLACK GREY"
	SSD-1	**SOLAR BRISE SOLEIL** BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM
	SSD-2	**ALUMINUM WINDOW SYSTEM** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM
	SSD-3	**ALUMINUM CURTAINWALL SYSTEM** BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM
	TC-1	**TILT-UP CONCETE WALLS** PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340
	TC-2	**TILT-UP CONCRETE WALLS** WITH RECKLI "B SICILIA" FORMLINER PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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REV.	DATE	DES	CHK	APR	DESCRIPTION
E	08/22/2024	CA	CB	KT	ISSUED FOR REZONING 3rd COMMENTS
D	09/25/2023	CA	CB	KT	ISSUED FOR REZONING 2nd COMMENTS
C	08/14/2023	CA	CB	KT	ISSUED FOR REZONING COMMENTS
B	04/28/2023	CA	CB	KT	ISSUED FOR REZONING SUBMITTAL
A	02/27/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

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65611
KAYLA J.
TRUSS-BORDEN
REGISTERED
ARIZONA, U.S.A.
EXPIRES 03/31/2026

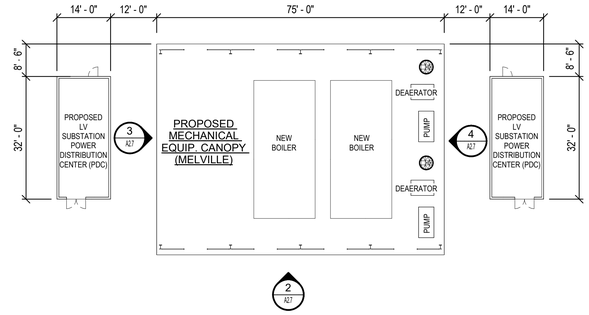
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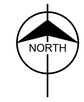
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PHASE 2 - FILTRATION BUILDING 016 AND TANK FARM (MELVILLE)
- FLOOR PLANS, ROOF PLAN, BUILDING ELEVATIONS, & BUILDING SECTIONS

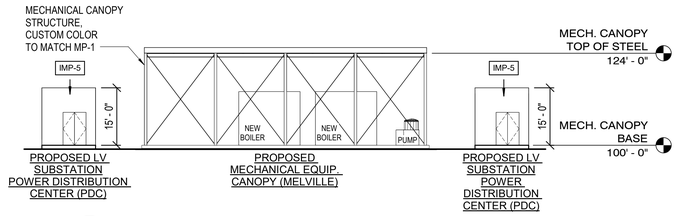
FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.6
SHEET	OF

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1 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) AND LV SUBSTATION POWER DISTRIBUTION CENTERS (PDC) - FLOOR PLAN**
SCALE: 1/16" = 1'-0"





2 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) AND LV SUBSTATION POWER DISTRIBUTION CENTERS (PDC) - SOUTH ELEVATION**
SCALE: 1/16" = 1'-0"

3 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) AND LV SUBSTATION POWER DISTRIBUTION CENTERS (PDC) - WEST ELEVATION**
SCALE: 1/16" = 1'-0"

4 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) AND LV SUBSTATION POWER DISTRIBUTION CENTERS (PDC) - EAST ELEVATION**
SCALE: 1/16" = 1'-0"

5 **LV SUBSTATION AT NORTH WEST CORNER OF ASRS WAREHOUSE - FLOOR PLAN**
SCALE: 1/16" = 1'-0"

6 **LV SUBSTATION - NORTH ELEVATION**
SCALE: 1/16" = 1'-0"

7 **LV SUBSTATION - WEST ELEVATION**
SCALE: 1/8" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

	DR-1	**HOLLOW METAL DOOR AND FRAME** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	DR-2	**SECTIONAL OVERHEAD DOOR** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	IMP-1	**INSULATED METAL PANEL** STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE
	IMP-2	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"
	IMP-3	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"
	IMP-4	**INSULATED METAL PANEL** CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"
	IMP-5	**INSULATED METAL PANEL** POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING
	MP-1	**METAL PANEL- MP-1** BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY
	MP-2	**METAL PANEL** ACCENT, 12" WIDE, BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE
	PM-1	**PERFORATED CORRUGATED METAL PANEL** BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY
	RO-1	**ROOF** WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK
	SG-1	**STOREFRONT GLAZING** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU
	SG-2	**1" INSULATION COATED GLAZING** VITRO ARCHITECTURAL GLASS, WITH OPACI-COAT 300, "BLACK GREY"
	SSD-1	**SOLAR BRISE SOLEIL** BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM
	SSD-2	**ALUMINUM WINDOW SYSTEM** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM
	SSD-3	**ALUMINUM CURTAINWALL SYSTEM** BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM
	TC-1	**TILT-UP CONCETE WALLS** PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340
	TC-2	**TILT-UP CONCRETE WALLS** WITH RECKLI "B SICILIA" FORMLINER PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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A	07/31/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

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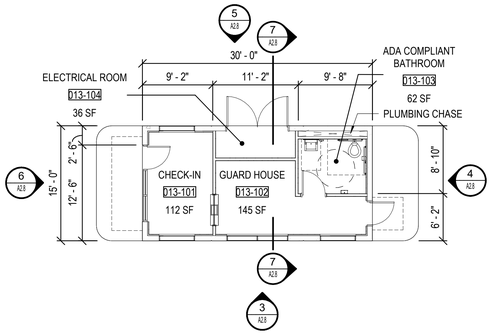
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - LV SUBSTATION, AND MECHANICAL EQUIPMENT CANOPY (MELVILLE) - PLANS, ELEVATIONS, & SECTIONS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	07/31/2023
SCALE:	AS NOTED

DRAWING
A2.7
SHEET OF

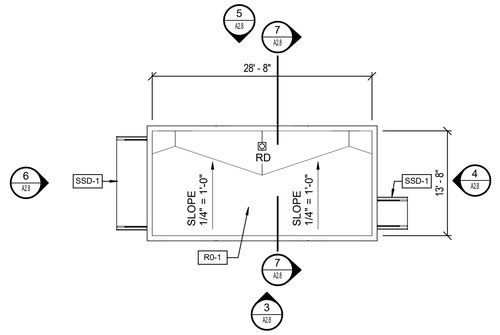
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1 **GUARD HOUSE 013 - FLOOR PLAN**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'
SCALE IN FEET

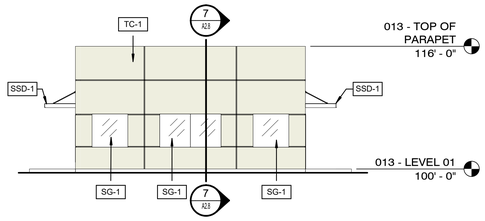
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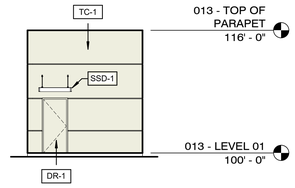
2 **GUARD HOUSE 013 - ROOF PLAN**
SCALE: 1/8" = 1'-0"

0 4' 8' 16'
SCALE IN FEET

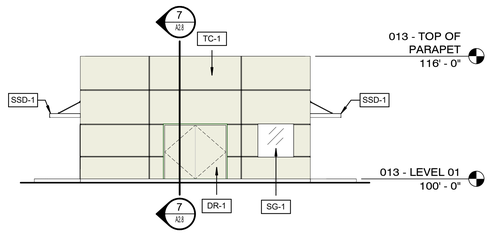
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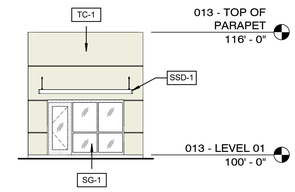
3 **GUARD HOUSE 013 - BUILDING ELEVATION - SOUTH**
SCALE: 1/8" = 1'-0"



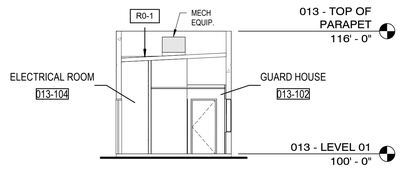
4 **GUARD HOUSE 013 - BUILDING ELEVATION - EAST**
SCALE: 1/8" = 1'-0"



5 **GUARD HOUSE 013 - BUILDING ELEVATION - NORTH**
SCALE: 1/8" = 1'-0"



6 **GUARD HOUSE 013 - BUILDING ELEVATION - WEST**
SCALE: 1/8" = 1'-0"



7 **GUARD HOUSE 013 - BUILDING SECTION**
SCALE: 1/8" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

DR-1 **HOLLOW METAL DOOR AND FRAME**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

DR-2 **SECTIONAL OVERHEAD DOOR**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

IMP-1 **INSULATED METAL PANEL**
STUCCO FINISH 36" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUFF WALL" TEXTURED WHITE

IMP-2 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "REGAL GRAY"

IMP-3 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "TUNDRA"

IMP-4 **INSULATED METAL PANEL**
CF STRIATED, NON-DIRECTIONAL EMBOSSED, 24" WIDE, R-18 MIN. BASIS OF DESIGN METL SPAN "SLATE GRAY"

IMP-5 **INSULATED METAL PANEL**
POWER DISTRIBUTION CENTER WITH MANUFACTURER'S WHITE IMP CLADDING

MP-1 **METAL PANEL- MP-1**
BASIS OF DESIGN: CENTRIA CONCEPT SERIES SINGLE SKIN METAL PANEL, CORRUGATED PROFILE CS-260, COLOR: 971 CHROMIUM GRAY

MP-2 **METAL PANEL**
ACCENT, 12" WIDE, BASIC OF DESIGN METL SPAN ALUMINUM EXTRUSION COLOR-BURNISHED SLATE

PM-1 **PERFORATED CORRUGATED METAL PANEL**
BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY

RO-1 **ROOF**
WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK

SG-1 **STOREFRONT GLAZING**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU

SG-2 **1" INSULATION COATED GLAZING**
VITRO ARCHITECTURAL GLASS, WITH OPACI-COAT 300, "BLACK GREY"

SSD-1 **SOLAR BRISE SOLEIL**
BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM

SSD-2 **ALUMINUM WINDOW SYSTEM**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T, CLEAR ANODIZED ALUMINUM

SSD-3 **ALUMINUM CURTAINWALL SYSTEM**
BASIS OF DESIGN: KAWNEER 1600 WALL SYSTEM, CLEAR ANODIZED ALUMINUM

TC-1 **TILT-UP CONCETE WALLS**
PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

TC-2 **TILT-UP CONCRETE WALLS**
WITH RECKLI "B SICILIA" FORMLINER PAINT COLOR: DUNN EDWARDS PA-3 "LOOKING GLASS" #DE6376

LEGEND

EXISTING BUILDING

NOTES

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2. SUB CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND QUANTIFYING ALL PENETRATIONS.
3. COORDINATE DOWNSPOUT ELEVATION WITH ROOF TAPPERED INSULATION SLOPE AND LOCATION.
4. MECHANICAL EQUIPMENT, ELECTRICAL METER AND SERVICE COMPONENTS, ROOF DRAINAGE SYSTEMS AND SIMILAR UTILITY DEVICES WHETHER GROUND LEVEL, WALL MOUNTED, OR ROOF MOUNTED, SHALL BE SCREENED TO APPEAR AS AN INTEGRAL PART OF THE BUILDING.

PRELIMINARY - NOT FOR CONSTRUCTION

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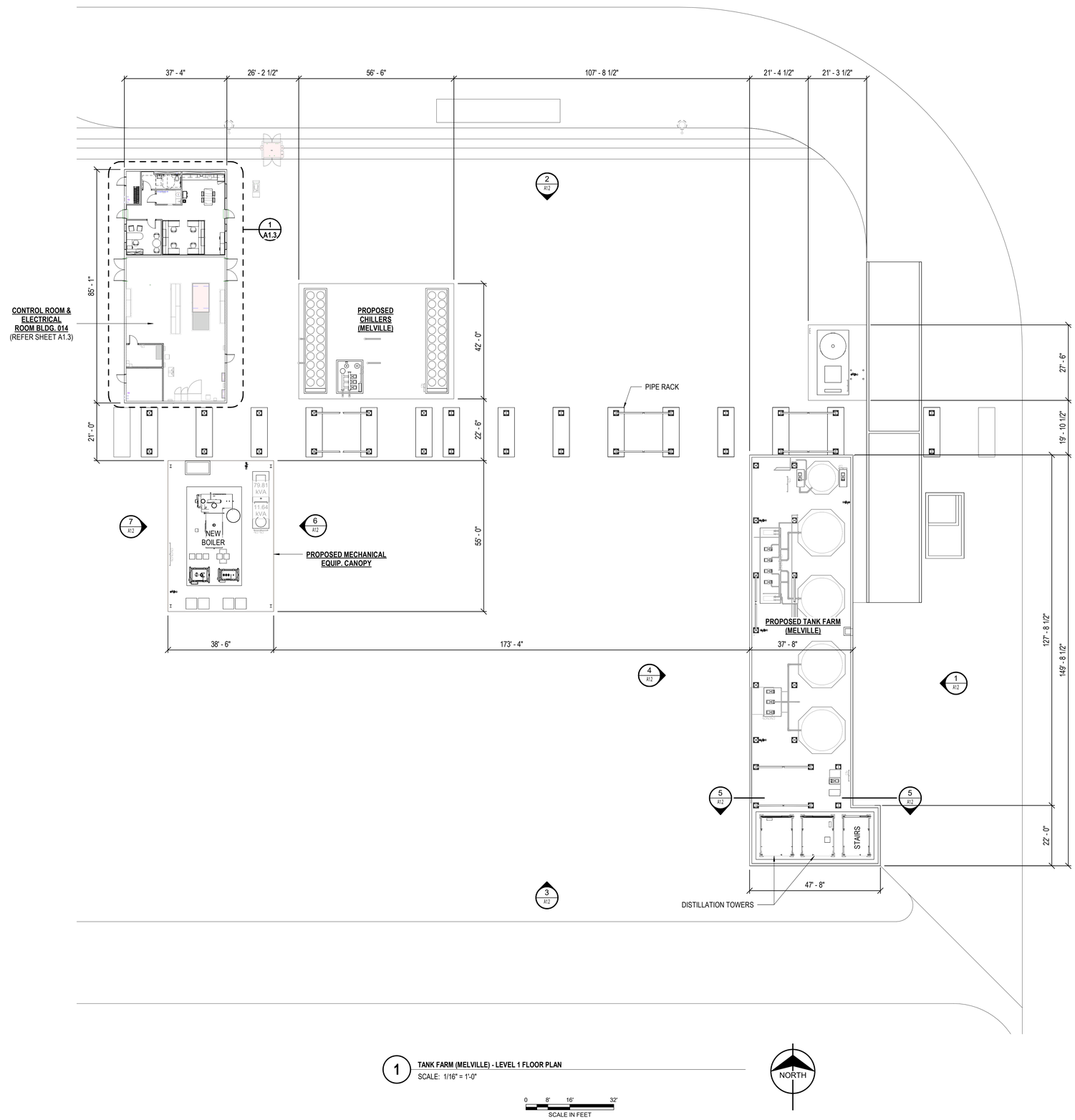
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6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - GUARDHOUSE 013 - FLOOR PLANS, ROOF PLANS, BUILDING ELEVATIONS, & BUILDING SECTIONS

FUJI NO.:	
A&E FIRM NO.:	147061
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.8
SHEET	OF

4/8/2025 10:33:59 AM



1 **TANK FARM (MELVILLE) - LEVEL 1 FLOOR PLAN**
SCALE: 1/16" = 1'-0"

NORTH

0 8' 16' 32'
SCALE IN FEET

FUJI - BUILDING MATERIAL / COLOR LEGEND

DR-1 — **HOLLOW METAL DOOR AND FRAME**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

PM-1 — **PERFORATED CORRUGATED METAL PANEL**
BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260.
COLOR 971 CHROMIUM GRAY

RO-1 — **ROOF**
WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK

SG-1 — **STOREFRONT GLAZING**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU

SSD-1 — **SOLAR BRISE SOLEIL**
BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM

TC-1 — **TILT-UP CONCETE WALLS**
PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

LEGEND

EXISTING BUILDING

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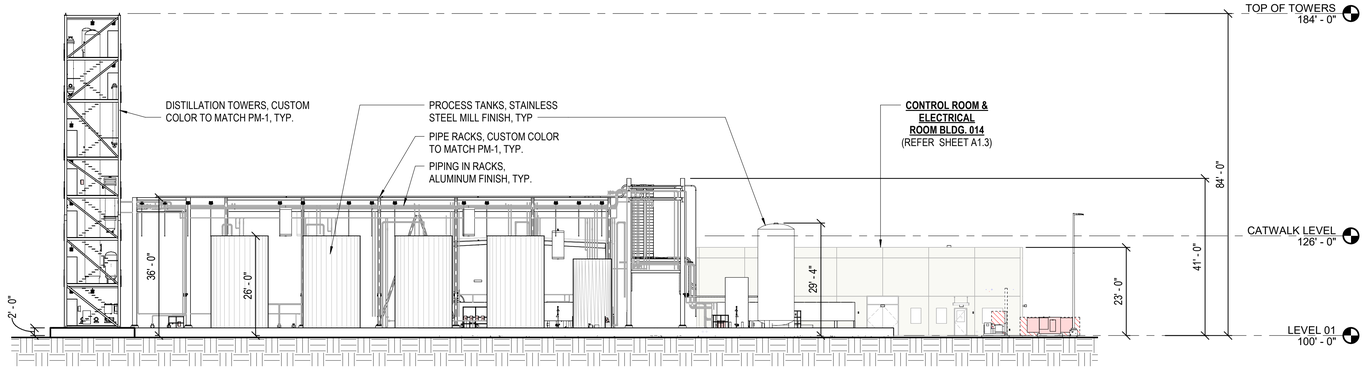
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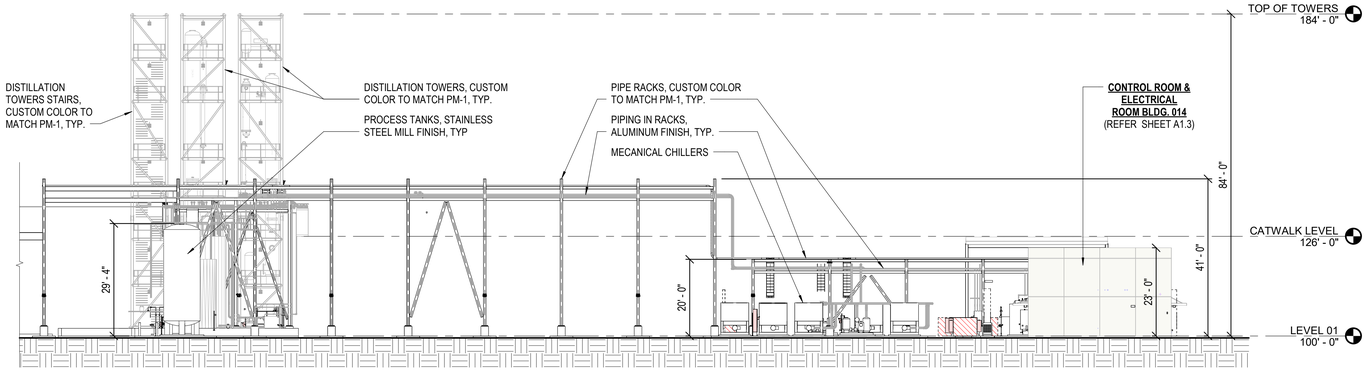
FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 1 - FLOOR PLANS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	K. TRUSS-BORDEN
DATE:	08/22/2024
SCALE:	AS NOTED
DRAWING	A1.1
SHEET	OF

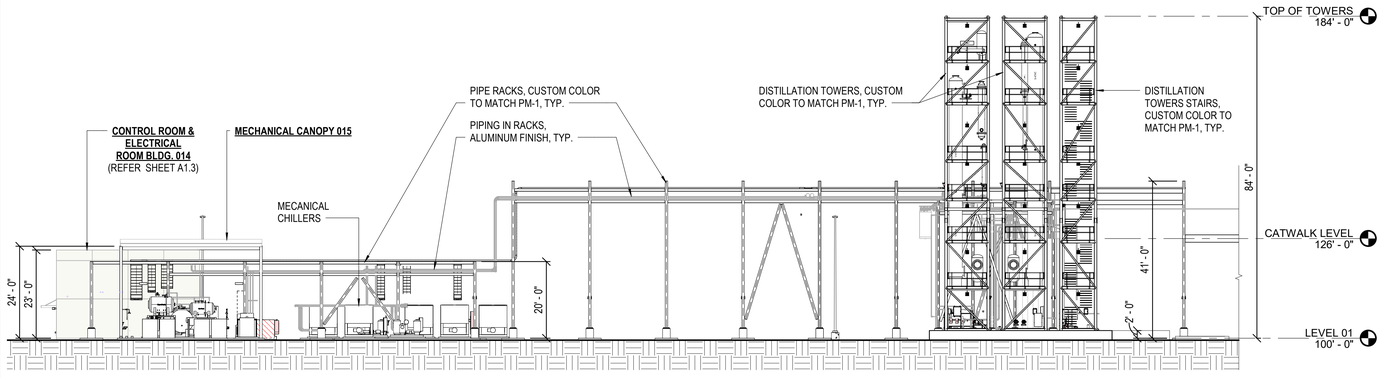
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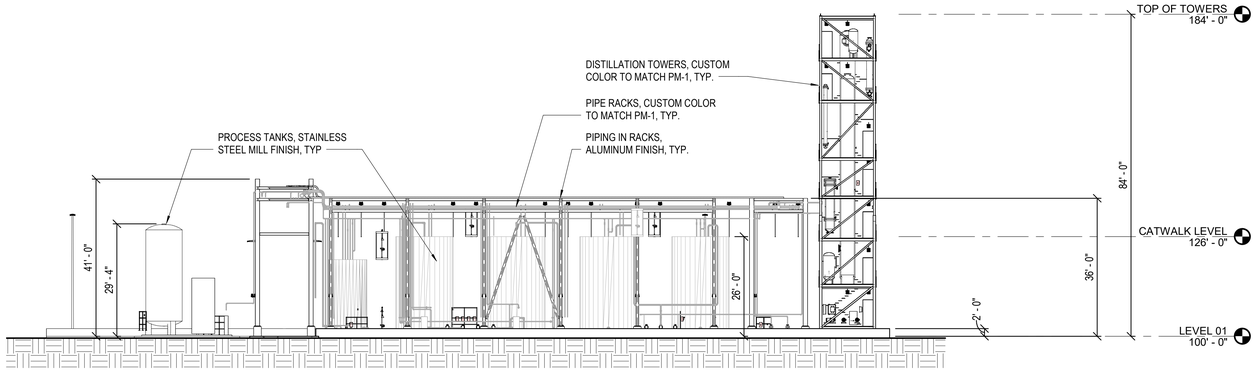
1 **TANK FARM (MELVILLE) - BUILDING ELEVATION - EAST**
SCALE: 1/16" = 1'-0"



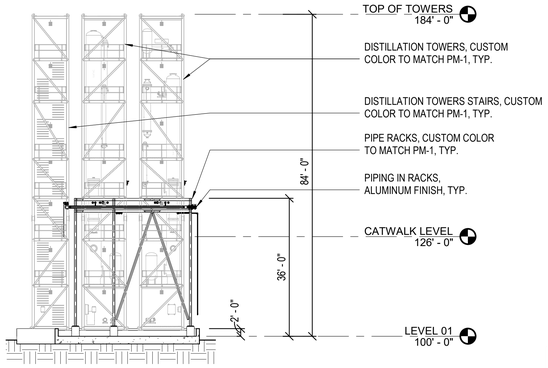
2 **TANK FARM (MELVILLE) - BUILDING ELEVATION - NORTH**
SCALE: 1/16" = 1'-0"



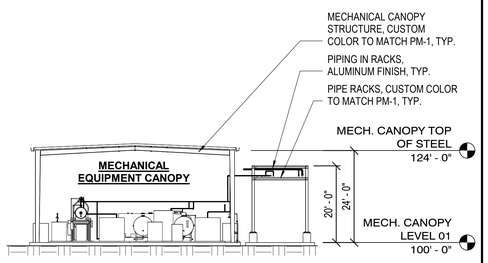
3 **TANK FARM (MELVILLE) - BUILDING ELEVATION - SOUTH**
SCALE: 1/16" = 1'-0"



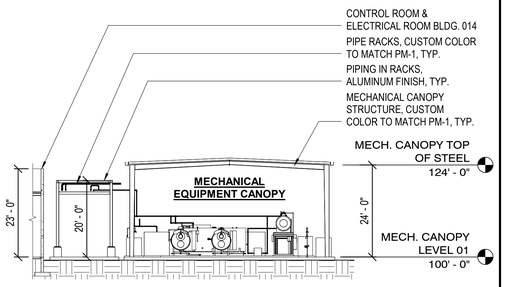
4 **TANK FARM (MELVILLE) - BUILDING ELEVATION - WEST**
SCALE: 1/16" = 1'-0"



5 **TANK FARM (MELVILLE) - BUILDING SECTION**
SCALE: 1/16" = 1'-0"



6 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) - BUILDING ELEVATION - EAST**
SCALE: 1/16" = 1'-0"



7 **MECHANICAL EQUIPMENT CANOPY (MELVILLE) - BUILDING ELEVATION - WEST**
SCALE: 1/16" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

	DR-1	**HOLLOW METAL DOOR AND FRAME** PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340
	PM-1	**PERFORATED CORRUGATED METAL PANEL** BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY
	RO-1	**ROOF** WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK
	SG-1	**STOREFRONT GLAZING** BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU
	SSD-1	**SOLAR BRISE SOLEIL** BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM
	TC-1	**TILT-UP CONCETE WALLS** PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

LEGEND

	EXISTING BUILDING

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KAYLA J. TRUSS-BORDEN 65611 REGISTERED ARCHITECT ARIZONA U.S.A. EXPIRES 03/31/2026

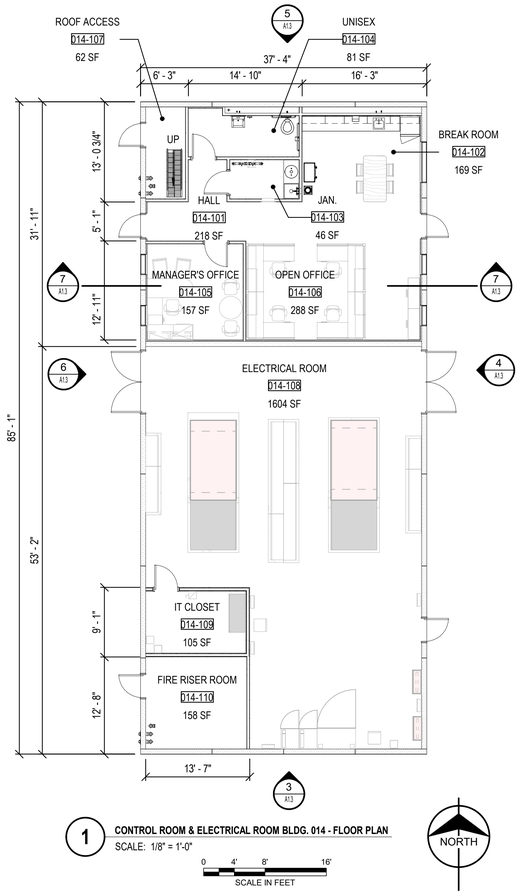
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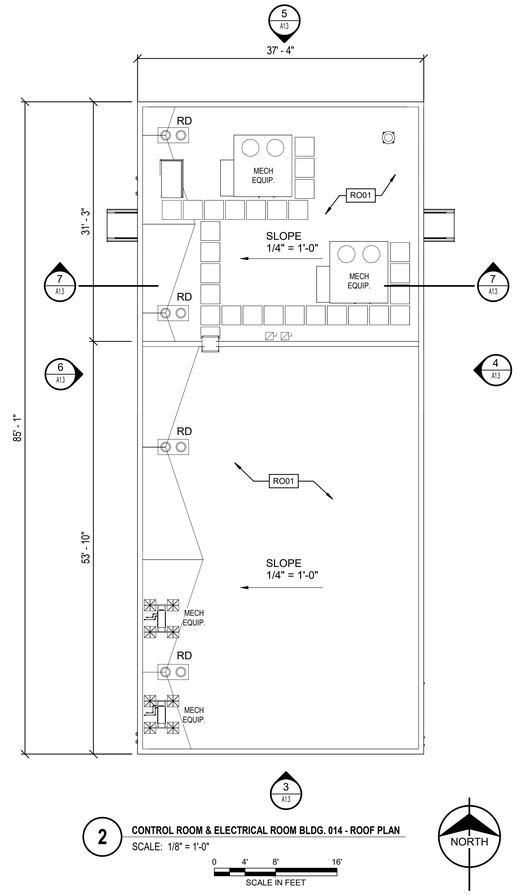
FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 1 - MELVILLE TANK FARM AND MECHANICAL EQUIPMENT CANOPY

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	K. TRUSS-BORDEN
DATE:	08/22/2024
SCALE:	AS NOTED
DRAWING	A1.2
SHEET	OF

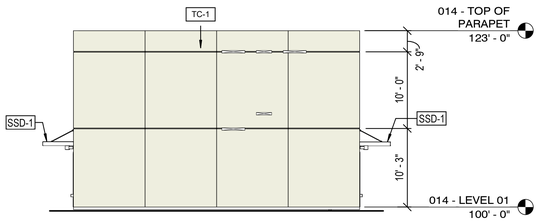
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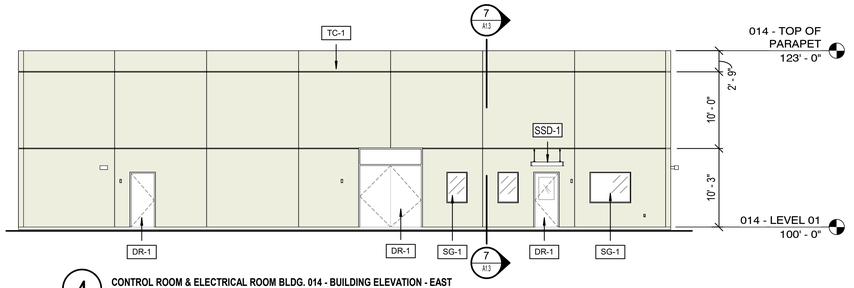
1 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - FLOOR PLAN**
SCALE: 1/8" = 1'-0"



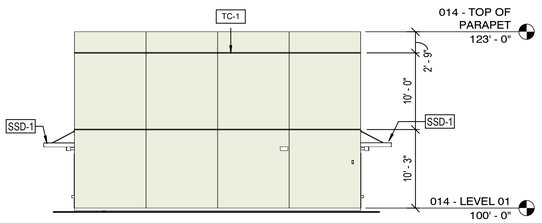
2 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - ROOF PLAN**
SCALE: 1/8" = 1'-0"



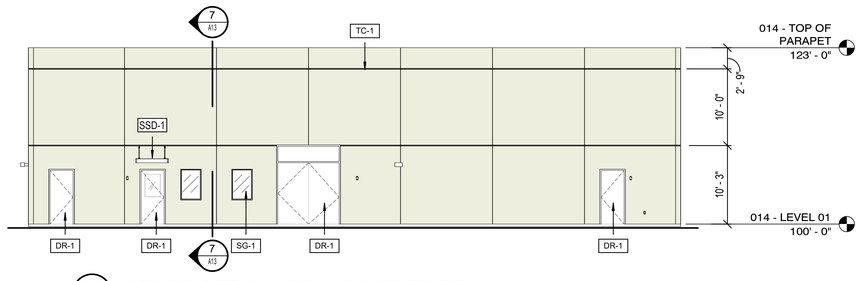
3 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - BUILDING ELEVATION - SOUTH**
SCALE: 1/8" = 1'-0"



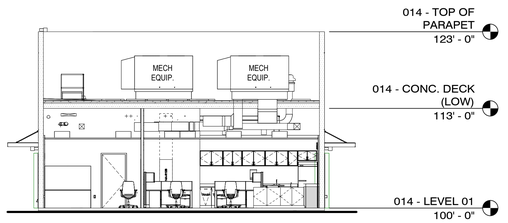
4 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - BUILDING ELEVATION - EAST**
SCALE: 1/8" = 1'-0"



5 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - BUILDING ELEVATION - NORTH**
SCALE: 1/8" = 1'-0"



6 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - BUILDING ELEVATION - WEST**
SCALE: 1/8" = 1'-0"



7 **CONTROL ROOM & ELECTRICAL ROOM BLDG. 014 - BUILDING SECTION**
SCALE: 1/8" = 1'-0"

FUJI - BUILDING MATERIAL / COLOR LEGEND

DR-1 **HOLLOW METAL DOOR AND FRAME**
PAINT COLOR: PA-1 DUNN EDWARDS "WHISPER" #DEW340

PM-1 **PERFORATED CORRUGATED METAL PANEL**
BASIS OF DESIGN: CENTRIA ECOSCREEN PERFORATED CORRUGATED METAL SIDING, PROFILE CS-260, COLOR 971 CHROMIUM GRAY

RO-1 **ROOF**
WHITE SINGLE PLY ROOFING OVER COVERBOARD OVER MIN R-25 RIGID INSULATION ON STEEL DECK

SG-1 **STOREFRONT GLAZING**
BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE STOREFRONT GLAZING. SATIN ANODIZED ALUMINUM. 1" INSULATED LOW "E" VISION GLASS - VITRO ARCHITECTURAL REFLECTIVE GLASS, SOLORGRAY 70XL IGU

SSD-1 **SOLAR BRISE SOLEIL**
BASIS OF DESIGN: KAWNEER VERSOLEIL SUN SHADING DEVICE, OUTRIGGER SYSTEM IN SATIN ANODIZED ALUMINUM

TC-1 **TILT-UP CONCETE WALLS**
PAINT COLOR: DUNN EDWARDS PA-1 "WHISPER" #DEW340

LEGEND

EXISTING BUILDING

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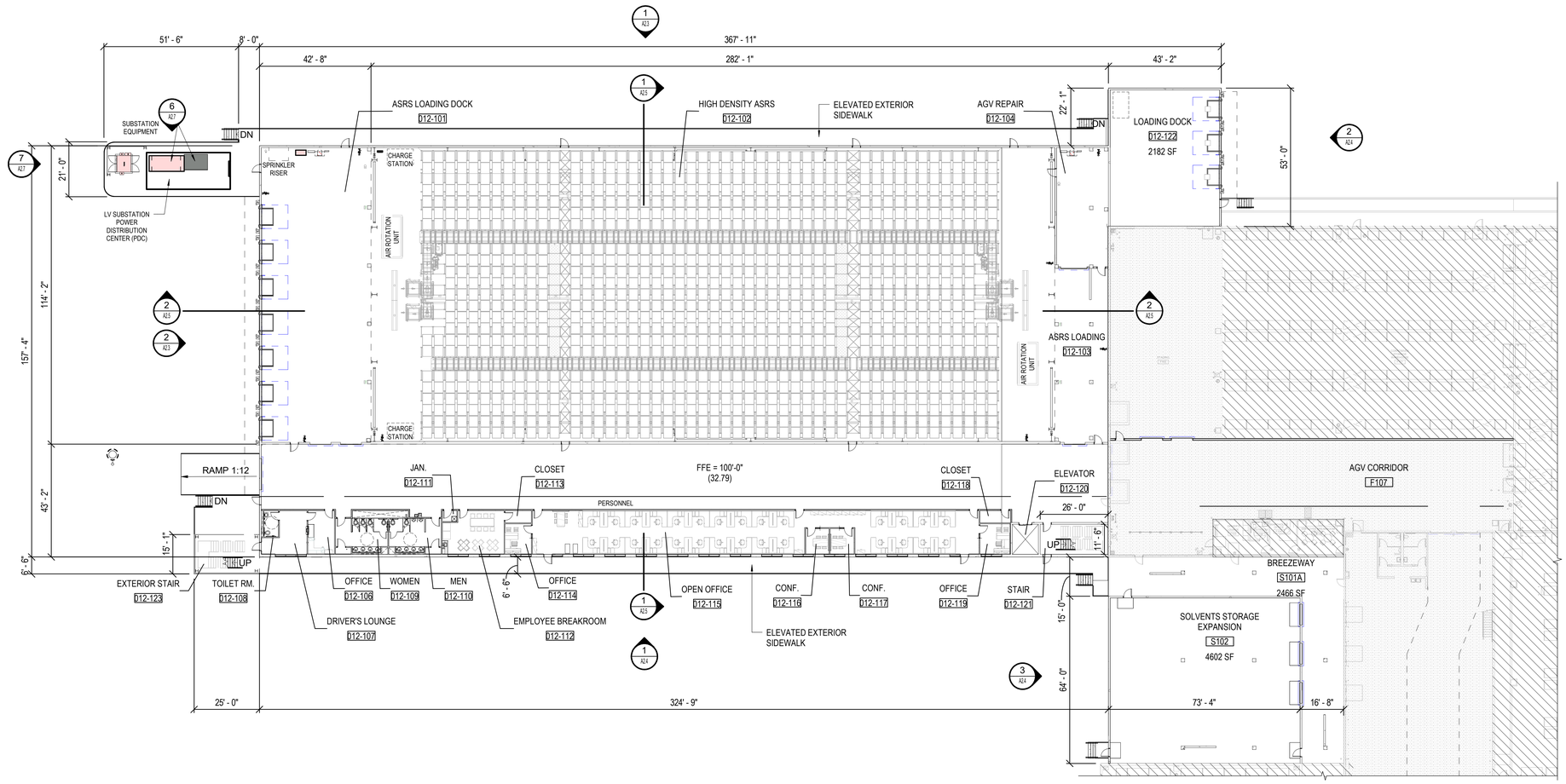
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MESA, ARIZONA 85212

FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 1 - CONTROL ROOM 014

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A1.3
SHEET	OF

4/8/2025 11:02:15 AM



1 **ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D- LEVEL 1 FLOOR PLAN**
SCALE: 1" = 20'-0"

0 10' 20' 40'
SCALE IN FEET

NORTH

ROOM AREA SCHEDULE		
NUMBER	NAME	AREA
012 - LEVEL 01		
012-101	ASRS LOADING DOCK	4739 SF
012-102	HIGH DENSITY ASRS	29428 SF
012-103	ASRS LOADING	1382 SF
012-104	AGV REPAIR	911 SF
012-105	AGV CORRIDOR	8313 SF
012-106	OFFICE	167 SF
012-108	TOILET RM.	218 SF
012-109	WOMEN	236 SF
012-110	MEN	237 SF
012-111	JAN.	23 SF
012-112	EMPLOYEE BREAKROOM	364 SF
012-113	CLOSET	47 SF
012-114	OFFICE	115 SF
012-115	OPEN OFFICE	2635 SF
012-116	CONF.	86 SF
012-117	CONF.	88 SF
012-118	CLOSET	55 SF
012-119	OFFICE	132 SF
012-120	ELEVATOR	115 SF
012-121	STAIR	298 SF
012-122	LOADING DOCK	2182 SF
012-123	EXTERIOR STAIR	361 SF
		52133 SF
012 - LEVEL 02		
012-202	BREAK ROOM	1164 SF
012-203	CONFERENCE	383 SF
012-204	WOMEN	236 SF
012-205	MEN	236 SF
012-206	OFFICE SPACES	7048 SF
012-207	COLLABORATION	430 SF
012-208	CONFERENCE	694 SF
012-209	OFFICE	179 SF
012-210	OFFICE	218 SF
012-211	OFFICE	224 SF
012-212	OFFICE	224 SF
012-213	ELECTRICAL ROOM	119 SF
012-214	OFFICE	274 SF
012-215	IT ROOM	115 SF
012-216	CLO.	57 SF
012-217	WAITING / COLLAB.	454 SF
012-218	STOR	106 SF
012-219	CONFERENCE	549 SF
012-220	ELEVATOR	115 SF
012-221	STAIR	298 SF
		13122 SF
		65255 SF

LEGEND:

- EXISTING BUILDING
- EXISTING BUILDING INTERIOR RENOVATION

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
D	09/25/2023	CA	CB	KT	ISSUED FOR REZONING 2nd COMMENTS
C	07/31/2023	CA	CB	KT	ISSUED FOR REZONING COMMENTS
B	04/28/2023	CA	CB	KT	ISSUED FOR REZONING SUBMITTAL
A	02/27/2022	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

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OWNER / DEVELOPER
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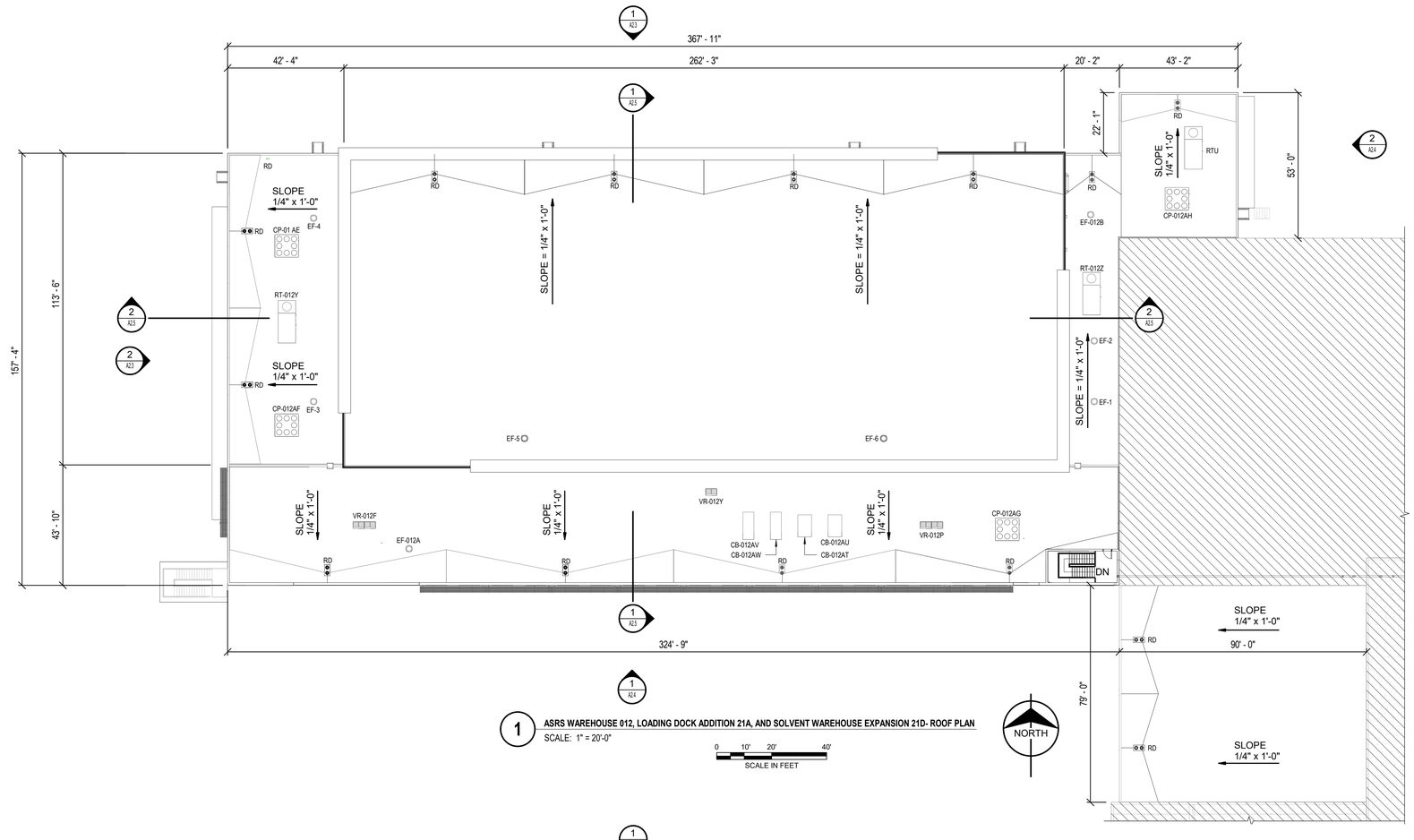
BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
(816) 333-9400
Burns & McDonnell Engineering Company, Inc.
License No. 11523

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, ARIZONA 85212

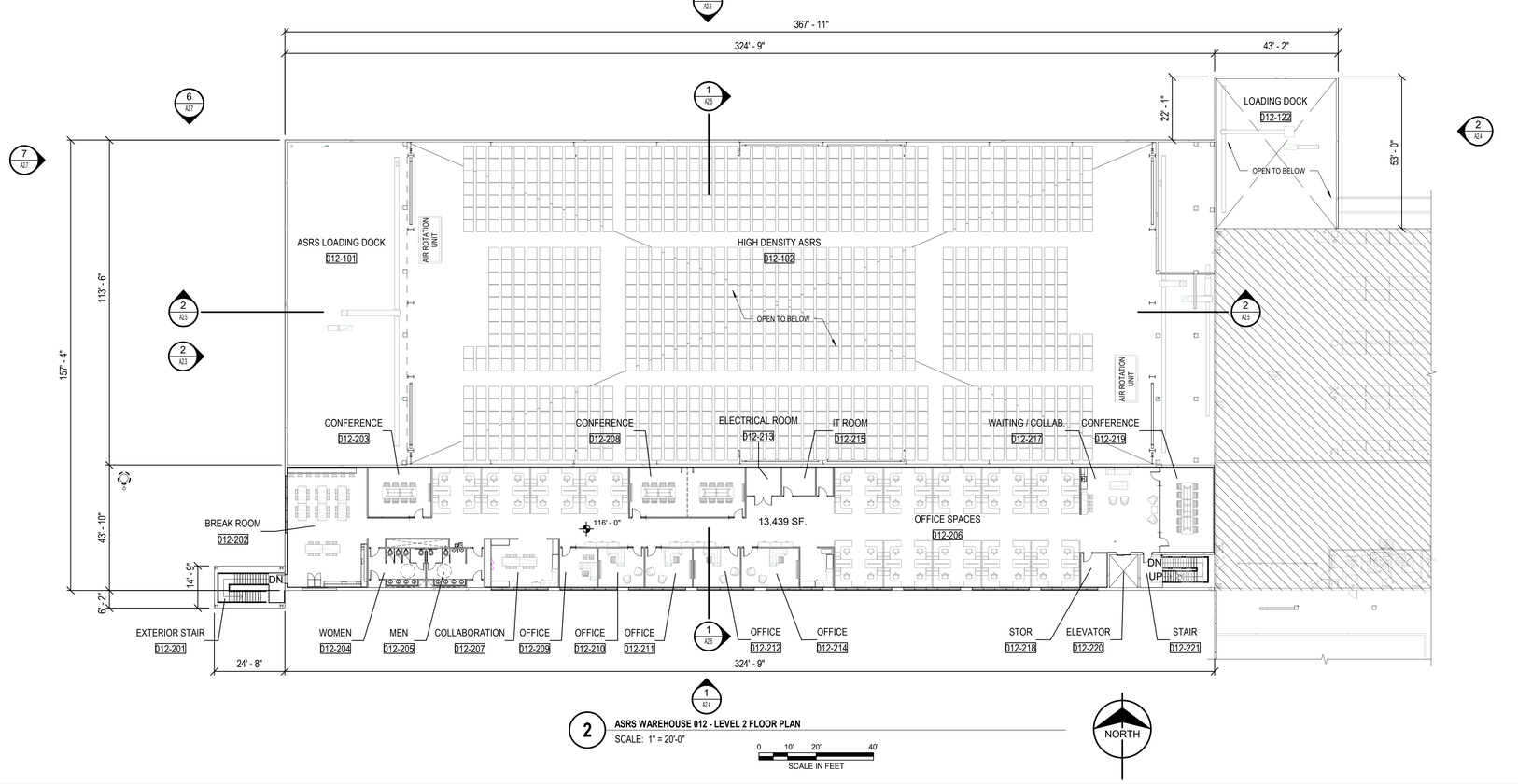
FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D- LEVEL 1 FLOOR PLAN

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.1
SHEET	OF

4/8/2025 10:24:50 AM



1 ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D- ROOF PLAN
SCALE: 1" = 20'-0"



2 ASRS WAREHOUSE 012 - LEVEL 2 FLOOR PLAN
SCALE: 1" = 20'-0"

ROOM AREA SCHEDULE		
NUMBER	NAME	AREA
012 - LEVEL 01		
012-101	ASRS LOADING DOCK	4739 SF
012-102	HIGH DENSITY ASRS	29428 SF
012-103	ASRS LOADING	1382 SF
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		13122 SF
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LEGEND:

EXISTING BUILDING

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
D	09/25/2023	CA	CB	KT	ISSUED FOR REZONING 2nd COMMENTS
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FUJI FILM - MESA AZ, SITE EXPANSION
PHASE 2 - ASRS WAREHOUSE 012, LOADING DOCK ADDITION 21A, AND SOLVENT WAREHOUSE EXPANSION 21D- LEVEL 2 FLOOR PLAN / ROOF PLAN

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.2
SHEET	OF

4/8/2025 10:25:18 AM

FUJIFILM
Value from Innovation

Citizen Participation Plan

Rezone, Council Use Permit, Site Plan, and Design Review
For a High-quality Multifamily Residential Development

Rezoning, Site Plan Review, and Design Review
For The Expansion Of An Existing Industrial Facility

Located at the Southwest Corner of
South Mountain Road and State Route-24
Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R,
304-34-019S, 304-34-019W, and 304-34-019T

Prepared By:

Quarles

Benjamin W. Graff, Esq.
Joshua Mike, AICP, MBA
Quarles & Brady LLP
2 N. Central Ave.
Phoenix, AZ 85004

Submittal Date: May 1, 2023

Citizen Participation Plan - FUJIFILM Proposed Expansion

Introduction & Purpose:

Quarles & Brady LLP submits this Citizen Participation Plan on behalf of FUJIFILM Electronic Materials U.S.A., Inc. ("FUJIFILM" or the "Applicant"). in regard to the proposed expansion of the existing industrial facility.

The purpose of this Citizen Participation Plan is to inform citizens, property owners, neighborhood associations, agencies, schools, and businesses in the vicinity of the site of an application for the FUJIFILM industrial development. The Development will be located at the Southwest Corner of South Mountain Road and State Route-24 ("SR-24") on Maricopa County Assessor Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T, consisting of approximately 55.8 acres (the "Property").

To achieve the proposed Development, the Applicant is proposing to amend the existing PAD overlay to **(1)** update the approved development standards and **(2)** expand the PAD boundary by rezoning the North-6, approximately 6 acres, from AG to HI PAD-AF and **(3)** modify the approved master site plan of the existing industrial facility.

By providing opportunities for citizen participation, the Applicant will ensure that those interested in this application will have an opportunity to learn about and comment on the proposed plan.

Contact Information:

Zoning Attorney / Applicant
Benjamin Graff
Quarles & Brady LLP
2 N. Central Avenue
Phoenix, AZ 85004
Benjamin.Graff@Quarles.com
(602) 229-5683

Developer
Scott Klamm
FUJIFILM Electronic Materials U.S.A., Inc.
6550 S. Mountain Road
Mesa, AZ 85212
scott.klamm@fujifilm.com
(480) 987-7092

Pre-submittal Outreach:
It is important to note that prior to any formal submittals to the City of Mesa, our goal was to obtain initial feedback from the City to ensure our proposed development was consistent with the future planning and goals within the General Plan for this area. This is only the beginning of our outreach efforts, and we plan to engage with the community throughout the process. Our team met with Mesa Staff on the following date:

- April 6, 2023 - In-person meeting with, Dr. Nana Appiah and Rachel Nettles from Planning & Development, and Bill Jabjiniak and Bryan Smith from Economic Development.

Pre-submittal Meeting:
The pre-submittal meeting (PRS23-00194) was held with City of Mesa planning staff on March 24, 2023. Staff reviewed the application and recommended outreach to adjacent residents within 1000-ft. Staff further confirmed there are no HOAs and registered neighborhoods to be contacted.

Action Plan:
In order to provide effective citizen participation in conjunction with the application, the following actions will be taken to provide opportunities to understand and address any questions or concerns from the community:

1. A contact list will be developed for citizens and agencies in this area including:
   - No HOAs or registered neighborhoods with contacts are within the buffer zone per direction from Staff.
   - Property owners within 1000-feet from the Property
2. All persons listed on the contact list will receive a letter describing the project.
3. The Applicant will hold a formal and noticed neighborhood meeting as required by the City of Mesa.
   a. Additional neighborhood meetings will be provided as deemed necessary.
   b. Presentations will be made to individuals, groups of citizens, or neighborhood associations upon request.
4. The Applicant will submit a Citizen Participation Report with all materials such as sign-in lists, comments, and petitions to the City of Mesa.

Schedule:
Pre-submittal Application Filed - March 13, 2023
Pre-submittal meeting – March 24, 2023
Application Submittal – May 1, 2023
Neighborhood meeting – TBD
Submittal of Citizen Participation Report and Notification materials – TBD
Planning and Zoning Board Hearing – TBD
City Council Introduction – TBD
City Council Final Action – TBD

FUJIFILM
Value from Innovation

Citizen Participation Report

Rezoning, Site Plan Review, and Design Review For The Expansion Of An Existing Industrial Facility

Located at the Southwest Corner of South Mountain Road and State Route-24 Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y

Prepared By:

Quarles

Benjamin W. Graff, Esq.
Joshua Mike, AICP, MBA
Quarles & Brady LLP
2 N. Central Ave.
Phoenix, AZ 85004

Submittal Date: September 25, 2023
Resubmittal Date: October 24, 2025

Citizen Participation Plan - FUJIFILM Proposed Expansion

Introduction & Purpose:

Quarles & Brady LLP submits this Citizen Participation Plan on behalf of FUJIFILM Electronic Materials U.S.A., Inc. ("FUJIFILM" or the "Applicant") in regard to the proposed expansion of the existing industrial facility.

The purpose of this Citizen Participation Report is to provide results of the implementation of the Citizen Participation Plan for the Development. The Development will be located at the Southwest Corner of South Mountain Road and State Route-24 ("SR-24") on Maricopa County Assessor Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y consisting of approximately 68.4 acres (the "Property").

To achieve the proposed Development, the Applicant is proposing to amend the existing PAD overlay to **(1)** update the approved development standards and **(2)** expand the PAD boundary by rezoning the North-11, approximately 11 acres, from AG to HI PAD-AF and **(3)** modify the approved master site plan of the existing industrial facility, Case Nos. ZON23-00340 and DRB23-00366.

By providing opportunities for citizen participation, the Applicant will ensure that those interested in this application will have an opportunity to learn about and comment on the proposed plan.

Contact Information:

Zoning Attorney / Applicant
Benjamin Graff
Quarles & Brady LLP
2 N. Central Avenue
Phoenix, AZ 85004
Benjamin.Graff@Quarles.com
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Developer
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6550 S. Mountain Road
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Pre-submittal Outreach:
It is important to note that prior to any formal submittals to the City of Mesa, our goal was to obtain initial feedback from the City to ensure our proposed development was consistent with the future planning and goals within the General Plan for this area. This was only the beginning of our outreach efforts, and we continued to engage with the community throughout the process. Our team met with Mesa Staff on the following date:

- April 6, 2023 - In-person meeting with, Dr. Nana Appiah and Rachel Nettles from Planning & Development, and Bill Jabjiniak and Bryan Smith from Economic Development.

Pre-submittal Meeting:
The pre-submittal meeting (PRS23-00194) was held with City of Mesa planning staff on March 24, 2023. Staff reviewed the application and recommended outreach to adjacent residents within 1000-ft. Staff further confirmed there are no HOAs and registered neighborhoods to be contacted.

Post-submittal Actions:
In order to provide effective citizen participation in conjunction with the application, the following actions provided opportunities to understand and address any real or perceived impacts the development may have on members of the community.

Virtual Neighborhood Meeting

1. A contact list was developed for citizens and agencies in this area. No HOAs or registered neighborhoods with contacts are within the buffer zone per direction from Staff. All persons listed on the contact list received a letter describing the project, the proposed site plan, and an invitation to a virtual neighborhood meeting. The contact list included the following:
    a. Property owners within 1000-feet from the Property.
2. The Applicant held a formal neighborhood meeting on July 19, 2023, at 6:00pm, noticed as required by the City of Mesa.
    a. No residents attended the virtual neighborhood meeting nor responded to the notification letter.
    b. The presentation attached to this report will be available within the City's case file to individuals, groups of citizens, or neighborhood associations upon request.

Public Hearing Actions
The City will present the rezoning request at a public hearing before the Mesa Planning and Zoning Board. As part of the citizen participation process, the City requires public hearing notifications, which includes notification letters and site posting. Affidavit of Public Notice and Notification Letter submitted as part of the case file.

1. **October 24, 2025:** City Staff provided a contact list to notify citizens and agencies in this area including:
    a. All registered neighborhood associations and Homeowners Associations within one mile of the Property.
    b. Property owners within 1,000 feet of the Property.
    c. The Council Member and Council Coordinator.

2. **October 27, 2025:** Notification letters will be sent to all contacts listed in the above notification list describing the project and identifying the date, time, and location for the public hearing before the Planning and Zoning Board.

3. **October 27, 2025:** Two public notice signs will be posted on the Property along the perimeter right-of-way within each quarter-mile of frontage identifying the date, time, and location for the public hearing before Planning and Zoning Board.

Results:

There were approximately 40 contacts on the notification list as of the date of this Citizen Participation Report (see attached).

1. Summary of concerns, issues, and problems:
    a. No individuals contacted the Development Team to express any concerns.

2. How concerns, issues, and problems were addressed:
    a. No individuals contacted the Development Team to express any concerns.

3. Concerns, issues, and problems not addressed and why:
    a. The Development Team has not received any public feedback. The Development Team will continue to be open to any public comments and will address them accordingly.

Schedule:

Pre-submittal Application Filed - March 13, 2023
Pre-submittal meeting – March 24, 2023
Application Submittal – May 1, 2023
Neighborhood meeting – July 19, 2023
Submittal of Citizen Participation Report and Notification materials – September 25, 2023
Submittal of Updated Citizen Participation Report and Notification materials
Planning and Zoning Board Hearing – November 12, 2025
City Council Introduction – December 8, 2025
City Council Final Action – January 12, 2025

Attachments:

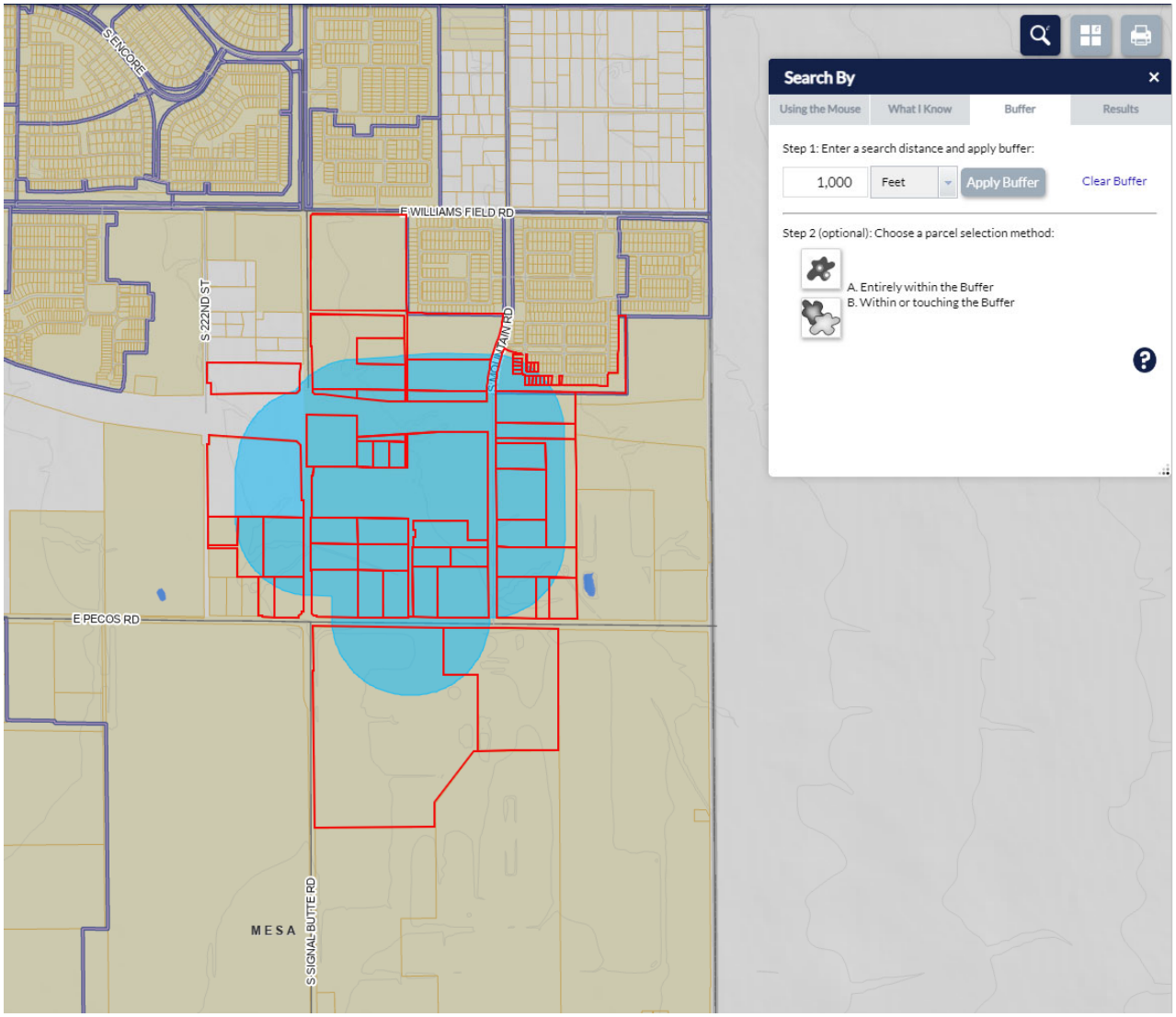
Tab A: Virtual Neighborhood Meeting Notification Distribution List and Letter
Tab B: Virtual Neighborhood Meeting Presentation
Tab C: Public Hearing Notification Distribution List and Letter
Tab D: Site Posting Photos

TAB A

CASE NO. ZON23-00340 AND DRB23-00366
NEIGHBORHOOD MEETING NOTIFICATION - 1000-FT

Parcel Number	Owner	MAIL_ADDR1	MAIL_CITY	MAIL_STATE	MAIL_ZIP
304-34-019Q	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019W	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019R	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019S	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019T	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-035G	FUJIFILM ELECTRONIC MATERIALS USA INC	80 CIRCUIT DR	NORTH KINGSTOWN	RI	2852
304-34-019D	SIGNAL BUTTE 20 DJB LLC	2251 N 32ND ST 30	MESA	AZ	85213
304-34-019J	SIGNAL BUTTE 20 DJB LLC	2251 N 32ND ST 30	MESA	AZ	85213
304-34-019K	ARIZONA STATE OF	205 S 17TH AVE MD	PHOENIX	AZ	85007
304-34-019Q	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019R	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019S	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019T	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-019U	SIGNAL BUTTE 20 DJB LLC	2251 N 32ND ST 30	MESA	AZ	85213
304-34-019V	SIGNAL BUTTE 20 DJB LLC	2251 N 32ND ST 30	MESA	AZ	85213
304-34-019W	FUJIFILM ELECTRONIC MATERIALS USA	6550 S MOUNTAIN RD	MESA	AZ	85212
304-34-021S	BCB GROUP INVESTMENTS LLC	2401 W BELL RD	PHOENIX	AZ	85023
304-34-035B	MGC PURE CHEMICALS AMERICA INC	6560 S MOUNTAIN RD	MESA	AZ	85201
304-34-035F	BCB GROUP INVESTMENTS LLC	2401 W BELL RD	PHOENIX	AZ	85041
304-34-035G	FUJIFILM ELECTRONIC MATERIALS USA INC	80 CIRCUIT DR	NORTH KINGSTOWN	RI	2852
304-34-036A	ALLIED WASTE TRANSPORTATION INC	18500 N ALLIED WAY STE 100	PHOENIX	AZ	85054
304-34-036C	BRIDGESTONE AMERICAS TIRE OPERATIONS LLC	535 MARRIOTT DR	NASHVILLE	TN	37214
304-34-036D	WOUDENBERG PROPERTIES LLC	17200 N PERIMETER DR STE 103	SCOTTSDALE	AZ	85255
304-34-037A	MGC PURE CHEMICALS AMERICA INC	6560 S MOUNTAIN RD	MESA	AZ	85201
304-34-037C	MGC PURE CHEMICALS AMERICA INC	6560 S MOUNTAIN RD	MESA	AZ	85201
304-34-037D	MGC PURE CHEMICALS AMERICA INC	6560 S MOUNTAIN RD	MESA	AZ	85201
304-34-037E	MGC PURE CHEMICALS AMERICA INC	6560 S MOUNTAIN RD	MESA	AZ	85201
304-34-038	CACTUS WASTE SYSTEMS LLC	PO BOX 29246	PHOENIX	AZ	85038
304-34-043	GATEWAY LAND INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-34-044	MESA CITY OF	20 E MAIN ST STE 650	MESA	AZ	85211
304-34-203A	BCB GROUP INVESTMENTS LLC	2401 W BELL RD	PHOENIX	AZ	85023
304-34-203B	BCB GROUP INVESTMENTS LLC/BERGE DEBORAH I	2401 W BELL RD	PHOENIX	AZ	85023
304-34-204B	BCB-GROUP INVESTMENTS LLC	16025 S 222ND ST	MESA	AZ	85212
304-34-926	ARIZONA STATE OF DEPT OF TRANS	205 S 17TH AVE MD	PHOENIX	AZ	85007
304-34-927	ARIZONA STATE OF	205 S 17TH AVE	PHOENIX	AZ	85007
304-34-928A	TWC PROPERTIES LLC	1476 W HARVARD AVE	GILBERT	AZ	85233
304-34-929A	DAWSON FAMILY TRUST	17251 E SHEA BLVD UNIT 100	FOUNTAIN HILLS	AZ	85268
304-34-929B	HIGH VOLTAGE HOLDINGS LLC	1330 W BOXWOOD AVE	GILBERT	AZ	85233
304-34-930	CRM OF AMERICA HOLDINGS LLC	1301 DOVE ST 940	NEWPORT BEACH	CA	92660
304-34-933	GATEWAY LAND INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-34-934	GATEWAY LAND INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-36-003	HORNE REAL ESTATE INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-36-005	GATEWAY LAND INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-36-006	GATEWAY LAND INVESTMENTS LLC	1465 E MOTORPLEX LOOP STE 200	GILBERT	AZ	85297
304-36-007	SIGNAL BUTTE 10 LLC	2251 N 32ND ST UNIT 30	MESA	AZ	85213
304-36-227	BCB GROUP INVESTMENTS LLC	2401 W BELL RD	PHOENIX	AZ	85023
304-36-228	BCB GROUP INVESTMENTS LLC	2401 W BELL RD	PHOENIX	AZ	85023
304-37-047C	BCB GROUP INVESTMENTS LLC	7500 E MCDONALD DR STE 100A	SCOTTSDALE	AZ	85250
304-37-493	JEN ARIZONA 47 LLC		PHOENIX	AZ	85027
304-37-494	JEN ARIZONA 47 LLC		PHOENIX	AZ	85027
304-37-495	JEN ARIZONA 47 LLC		PHOENIX	AZ	85027
304-37-496	JEN ARIZONA 47 LLC		PHOENIX	AZ	85027
304-37-497	DOSER SETH	11224 E UNGER AVE	MESA	AZ	85212
304-37-498	ASHTON WOODS ARIZONA L L C		SCOTTSDALE	AZ	85258
304-37-499	ULMEN CYNTHIA/DAVID	11232 E UNGER AVE	MESA	AZ	85212
304-37-515	FRANCISCO ABIGAIL MARIE	11223 E UNGER AVE	MESA	AZ	85212
304-37-516	SALAS JAIMIE/AGUIRRE MICHAEL	11227 E UNGER AVE	MESA	AZ	85212
304-37-517	GARCIA JAVIER ALONSO OLIVAS/LEYVA CAROLINA GAMEZ	11231 E UNGER AVE	MESA	AZ	85212
304-37-518	FOSTER SHAWN KEVIN/NICOLE MARIE	11239 E UNGER AVE	MESA	AZ	85212
304-37-519	FELLBAUM SUSAN K	11243 E UNGER AVE	MESA	AZ	85212
304-37-520	SILVA ANTONIO/JOANNE	5931 DUNN AVE	SAN JOSE	CA	95123
304-37-521	WESSEL DAVID/JUDY	11255 E UNGER AVE	MESA	AZ	85212
304-37-588	DESTINATION AT GATEWAY HOMEOWNERS ASSOCIATION		SCOTTSDALE	AZ	85258
304-37-589	DESTINATION AT GATEWAY HOMEOWNERS ASSOCIATION		SCOTTSDALE	AZ	85258
304-63-005A	SIGNAL BUTTE LAND LLC	11202 E GERMANN RD	MESA	AZ	85212
304-63-005B	CMC STEEL FABRICATORS INC	6565 N MACARTHUR BLVD STE 800	IRVING	TX	75039
312-19-886	YBL LLC	8525 N 75TH AVE	PEORIA	AZ	85345

CASE NO. ZON23-00340 AND DRB23-00366
NEIGHBORHOOD MEETING NOTIFICATION - 1000-FT



Quarles

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Two North Central Avenue
Phoenix, Arizona 85004-2391
602.229.5200
Fax 602.229.5690
www.quarles.com

Attorneys at Law in
Chicago
Denver
Indianapolis
Madison
Milwaukee
Minneapolis
Naples
Phoenix
San Diego
Tampa
Tucson
Washington, D.C.

Benjamin W. Graff
Direct Dial: (602) 229-5696
E-Mail: Benjamin.Graff@Quarles.com

July 6, 2023

RE: Proposed Rezoning for the Expansion of Existing Industrial Facility Located at the Southwest Corner of South Mountain Road and State Route-24, Case No. ZON23-00365.

Dear Neighbor,

Our firm represents FUJIFILM Electronic Materials U.S.A., Inc. ("FUJIFILM" or the "Applicant") in regard to the proposed expansion comprising of multiple buildings (the "Project") on the existing facility located at 6550 South Mountain Road, Mesa, AZ (the "Property"). Please see the attached Vicinity Map showing the location of the Property. The purpose of this letter is to inform you that we have recently filed a Planning and Zoning application for a rezone/site plan review (ZON22-00340) and design review (DRB 23-00366).

The Property includes two zoning districts: **(1)** Heavy Industrial with both a Planned Area Development Overlay and the Airfield Overlay District ("HI PAD-AF") on approximately 49.8 acres and **(2)** Agricultural ("AG") on approximately 6 acres. The proposed development of the site includes a request to expand the existing HI PAD-AF portion of Property by rezoning approximately 6 acres of land from AG to HI PAD-AF. The existing PAD Overlay allows minor modifications to specific development standards applicable to this unique location and will be updated based on the proposed expansion. The proposed expansion development is compatible with the long-term goals for the area and will provide new, high-quality jobs for this area of Mesa.

This letter is being sent to all property owners within 1000-feet of the property in compliance with the Mesa Zoning Ordinance. Enclosed for your review is a copy of the site plan and elevations of the proposed development. As part of our rezoning process, we invite you to attend a virtual (online) meeting to give you an opportunity to discuss the application. Our team will show the site plan layout/design at this meeting, and we are looking forward to the opportunity to speak with you:

Virtual (Online) Meeting
July 19, 2023 at 6:00pm
Zoom Link: https://rb.gy/gkhx5
Meeting ID: 820 9541 2763
Passcode: 636178
Phone/Audio Only: +1 305 224 1968

The City of Mesa has assigned this case to Jennifer Merrill of the Planning Division staff. She can be reached at 480-644- 6439 or Jennifer.merrill@mesaaz.gov, should you have any questions regarding this proposal. The City development services address is 55 N. Center, Mesa, AZ 85211. If you have any questions regarding this proposal, please feel free to call me at 602-229-5683 or e-mail me at Benjamin.Graff@Quarles.com. Our office address is Quarles & Brady, LLP, Two N. Central Ave, Suite 600 Phoenix, AZ 85004.

Please be advised hearings before the Mesa Planning & Zoning Board, and Mesa City Council will be scheduled to review this case in the future. Specific meeting and hearing dates have not yet been set. You should receive a second mailing in the future identifying the date and location of the hearings. You are welcome to attend the hearings to learn about the case and make your opinions known. Please confirm the hearing details with the City of Mesa Planning Department and City Clerk before attending as they are subject to change.

Please do not hesitate to contact me if you have any questions or require any additional information regarding this matter. If you have sold this property in the interim, please forward this correspondence to the new owner.

Very truly yours,
Quarles & Brady LLP



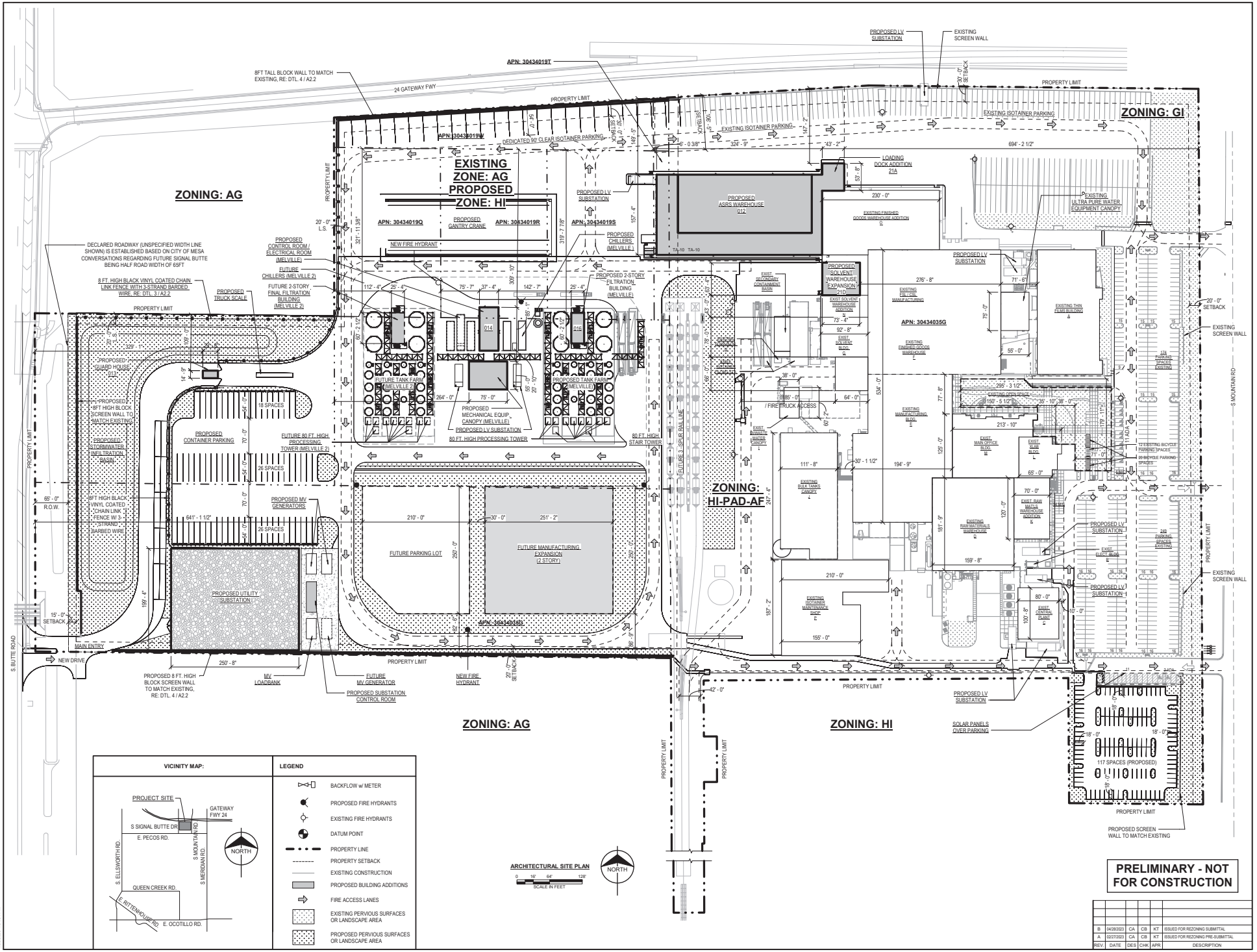
Benjamin W. Graff

Attachments: Vicinity Map, Site Plan, and Elevations

ZONING MAP



APNs: 304-34-035G, 304-34-019Q, 304-34-019R,
304-34-019S, 304-34-019W, and 304-34-019T
6550 S MOUNTAIN RD MESA AZ USA 85212



REV.	DATE	DES	CHK	APR	DESCRIPTION
B	04/28/2023	CA	CB	KT	ISSUED FOR REZONING SUBMITTAL
A	02/27/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

REGISTRANT
KEITH A. TRUSS-BORDEN
1850 S. 35TH AVENUE, 5TH FLOOR
PHOENIX, AZ 85009
(480) 468-6668

APPLICANT
BENJAMIN GRAFF
DICKINSON WRIGHT PLLC
2 N. CENTRAL AVENUE
PHOENIX, AZ 85004
Benjamin.Graff@DickinsonWright.com
(602) 285-5008

OWNER / DEVELOPER
FUJIFILM
6550 S MOUNTAIN ROAD
MESA, AZ 85212
Benjamin.Graff@DickinsonWright.com
(480)997-7708

63011
KAYLA TRUSS-BORDEN
REGISTERED
ARIZONA U.S.A.
CERTIFICATE NO.
EXPIRES: MARCH 31, 2026

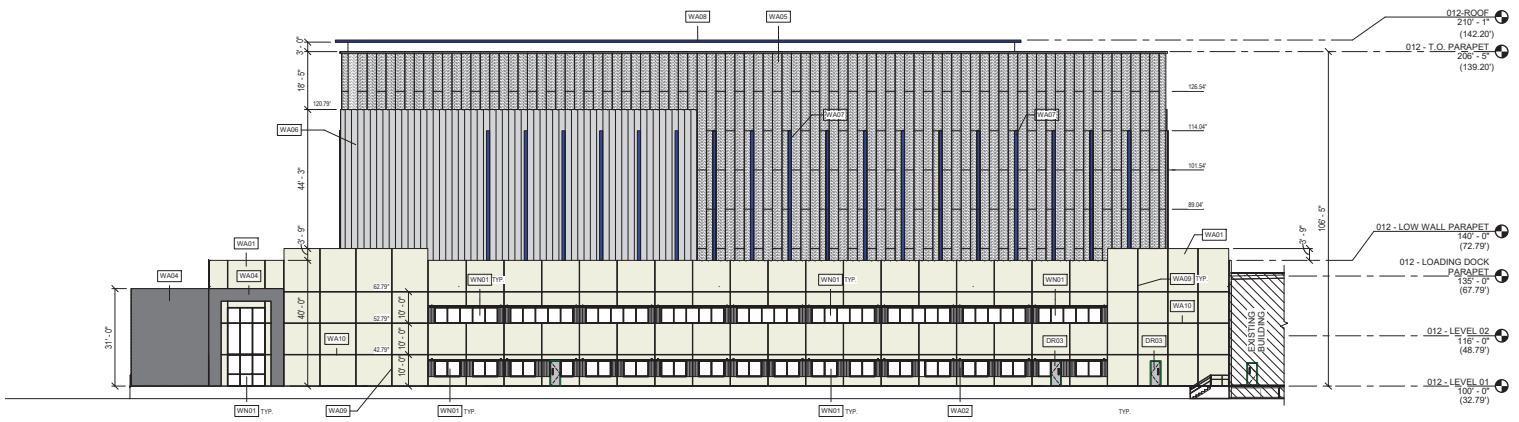
BURNS MCDONNELL
ENGINEERING
2400 WEST ARDMORE
KANSAS CITY, MO 64114
(816) 333-9400
Burns & McDonnell Engineering Company, Inc.
COA No. 10434

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6550 SOUTH MOUNTAIN ROAD
MESA, AZ 85212

FUJI FILM - MESA AZ, SITE EXPANSION
ARCHITECTURAL SITE PLAN

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	11/29/22
SCALE:	AS NOTED
DRAWING	A0.2
SHEET	OF

4/28/2023 1:54:41 PM



ELEVATION 1 / 813

ASRS SOUTH - EXTERIOR BUILDING ELEVATION

0 8' 16' 32'

SCALE IN FEET

FUJI - BUILDING COLOR / PALETTE CODE

TILT-UP CONCETE WALLS TC-1
PAINT COLOR DUNN EDWARDS "WHISPER" #DEW340

TILT-UP CONCRETE WALLS TC-2
WITH RECKLI "B SICILIA" FORMLINER
PAINT COLOR #DE6376

EXTERIOR DOORS IN CONCRETE WALL
PA-3 DUNN EDWARDS "LOOKING GLASS" #DE6376

INSULATED METAL PANEL- IMP-1
STUCCO FINISH 36" WIDE, R-18 MIN.
METL SPAN "TUFF WALL" TEXTURED WHITE

INSULATED METAL PANEL- IMP-2
VERTICAL RIBBED, 36" WIDE, R-18 MIN.
METL SPAN "SLATE GRAY"

INSULATED METAL PANEL- IMP-3
ACCENT, 12" WIDE, UNINSULATED
METL SPAN CUSTOM COLOR- MATCH FUJI BLUE

PERFORATED METAL PANEL
DUNN EDWARDS "LOOKING GLASS" #DE6380

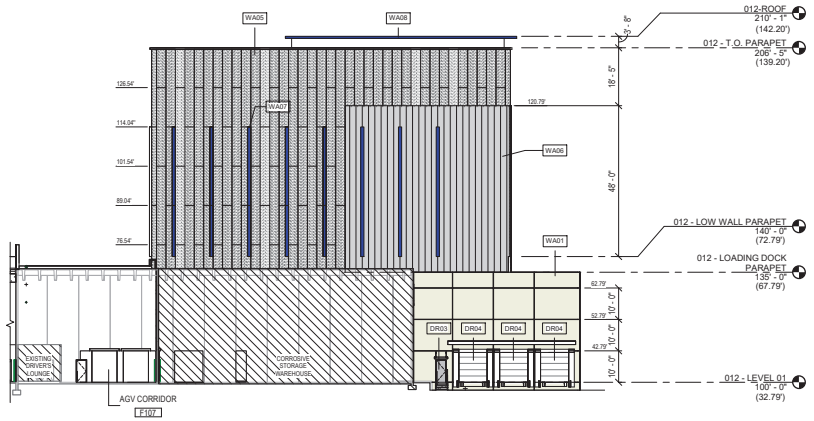
LEGEND

EXISTING BUILDING

NOTES

1. PENETRATIONS REFLECTED ON DRAWINGS ARE FOR EXTRA TRIM MATERIAL REFERENCE AND COORDINATION PURPOSES ONLY. ALL IMP PENETRATIONS TO BE FIELD PERFORMED.
2. SUB CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND QUANTIFYING ALL PENETRATIONS.
3. COORDINATE DOWNSPOUT ELEVATION WITH ROOF TAPPERED INSULATION SLOPE AND LOCATION.

KEYNOTE LEGEND	
KEY NUMBER	DESCRIPTION
DR03	HOLLOW METAL DOOR AND FRAME, INSULATED, RE: DOOR SCHEDULE
DR04	SECTIONAL OVERHEAD DOOR - PAINTED, RE: DOOR SCHEDULE
ST01	STEEL COLUMN - PAINTED, RE: STRUCTURAL DWGS
ST02	STEEL BEAM - PAINTED, RE: STRUCTURAL DWGS
WA01	CONCRETE TILT-UP WALL PANEL WITH ARCHITECTURAL COATING
WA02	CONCRETE TILT-UP WALL PANELS W RECKLI "SILICA" FORMLINER
WA04	CORRUGATED, PERFORATED METAL SIDING
WA05	INSULATED METAL PANEL - STUCCO FINISH, 36" WIDE, R-18 OVER STEEL SUB FRAMING, STAGGERED JOINTS
WA06	INSULATED METAL PANEL - RIBBED, 24" WIDE, R-18 OVER STEEL SUB -FRAMING
WA07	INSULATED METAL PANEL - ACCENT, 12" WIDE, R-18 OVER STEEL SUBFRAMING
WA08	DECORATIVE METAL ROOF ACCENT BAND, 8" WIDE
WA09	1/2" CONCRETE PANEL JOINT WITH SILICONE SEALANT EACH SIDE, TYP.
WA10	1/2" CONCRETE REVEAL
WN01	ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW E. INSULATED GLAZING, SATIN ANODIZED STOREFRONT FINISH, VITRO ARCHITECTURAL GLASS IN SOLAR GRAY COLOR

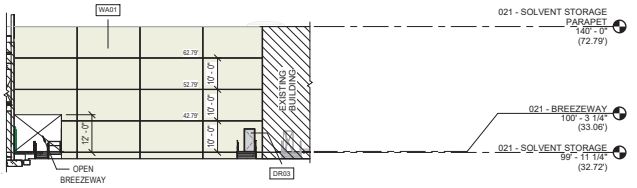


ELEVATION 2 / 813

ASRS EAST - EXTERIOR BUILDING ELEVATION

0 8' 16' 32'

SCALE IN FEET



ELEVATION 3 / 813

SOLVENT WAREHOUSE EXPANSION WEST EXTERIOR BUILDING ELEVATION

0 8' 16' 32'

SCALE IN FEET

PRELIMINARY - NOT FOR CONSTRUCTION

REV.	DATE	DES	CHK	APR	DESCRIPTION
B	04/28/2023	CA	CB	KT	ISSUED FOR REZONING SUBMITTAL
A	02/27/2023	CA	CB	KT	ISSUED FOR REZONING PRE-SUBMITTAL

REGISTRANT
MATTHEW T. BENNETT
BURNS & MCDONNELL
9875 N. 85TH STREET, SUITE 200
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mbennett@burnsmcd.com

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MESA, AZ 85202
Benjamin.Graff@Dickers.com
(602) 253-3456

OWNER / DEVELOPER
FUJIFILM
6800 E. MOUNTAIN ROAD
MESA, ARIZONA 85212
(480)987-7708

EXPIRES: MARCH 31, 2026

BURNS MCDONNELL
ENGINEERING
ARIZONA
1400 WEST ARIZONA
MANSAS CITY, MO 64141
(816) 333-9400
Burns & McDonnell Engineering Company, Inc.
License No. 11525

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.
6800 E. MOUNTAIN ROAD
MESA, ARIZONA 85212

FUJI FILM - MESA AZ. SITE EXPANSION
ASRS WAREHOUSE, LOADING DOCK & SOLVENT EXPANSION - SOUTH & EAST - EXTERIOR BUILDING ELEVATIONS

FUJI NO.:	
A&E FIRM NO.:	147051
DRAWN:	C. ALICEA
CHECKED:	C. BLEDSOE
DATE:	04/28/2023
SCALE:	AS NOTED
DRAWING	A2.1
SHEET	OF

4/27/2023 10:16:03 AM

TAB B

EXPANSION OF EXISTING INDUSTRIAL FACILITY

Virtual Neighborhood Meeting

CASE NO. ZON23-00340

CASE NO. DRB23-00366

FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.

JULY 19, 2023, 6:00 P.M.

Quarles

FUJIFILM
Value from Innovation

Welcome and Introduction

Thank you for joining us virtually

Applicant: FUJIFILM Electronic Materials U.S.A., Inc.

- Scott Klamm, Vice President-Operation
- Mark Jones, Operations Director

Design Team: Burns & McDonnell

- Darin Richardson, Associate Project Manager
- Kayla Truss-Borden, Senior Architect

Quarles & Brady Team

- T.J. Mitchell, Land Use Attorney
- Josh Mike, Senior Land Planner
- Crissy Jung, Paralegal

Quarles

FUJIFILM
Value from Innovation

To ensure an efficient meeting, please note the following guidelines:

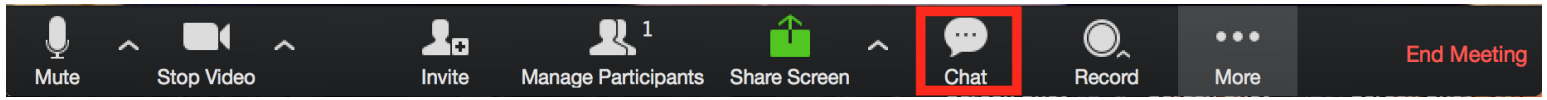
To assist with the live stream of the presentation, attendees' microphones are muted, and videos are turned off. Both features will remain off for participants throughout the duration of the meeting.

We Welcome Public Comment: Attendees may send questions & comments by chat message directly to the host (instructions on next slide).

If you are participating by phone only, please make sure to email **crissy.jung@quarles.com** for any questions before, during, or after the meeting.

This meeting is an open, public meeting which will be recorded.

Q&A: How to ask a question or make a comment



Participants can use the "chat" function to "Sign-In" or ask a question or submit a comment directly to the host. The host will be sure to answer questions in the order they are received.

As an attendee, "chat" will be in the controls at the bottom of your screen.

Type your message and press “Enter” to send it.

About FUJIFILM

- FUJIFILM is a world leader in development and manufacturing of materials for the semiconductor industry and is a leading producer of specialty chemicals.
- FUJIFILM has been a corporate partner and employer in Mesa for over 25 years.
- FUJIFILM focuses on partnerships with individuals and communities ensure solid economic growth.
- After FUJIFILM completed a recent expansion in 2021, the industry demands demonstrates continued need for increased production.

Property Overview

- FUJIFILM proposes to expand an existing industrial complex comprising of multiple buildings
- Located on Southwest Corner of South Mountain Road and SR-24 in Mesa, AZ
- The Property includes two zoning districts: (1) HI PAD-AF (approximately 49.8 acres) (2) AG (approximately 6 acres)
- Case No. Z17-002 previously rezoned the Property to expand the existing facility on the "West-20"
- FUJIFILM has acquired a small group of parcels adjacent to SR-24, the "North-6"

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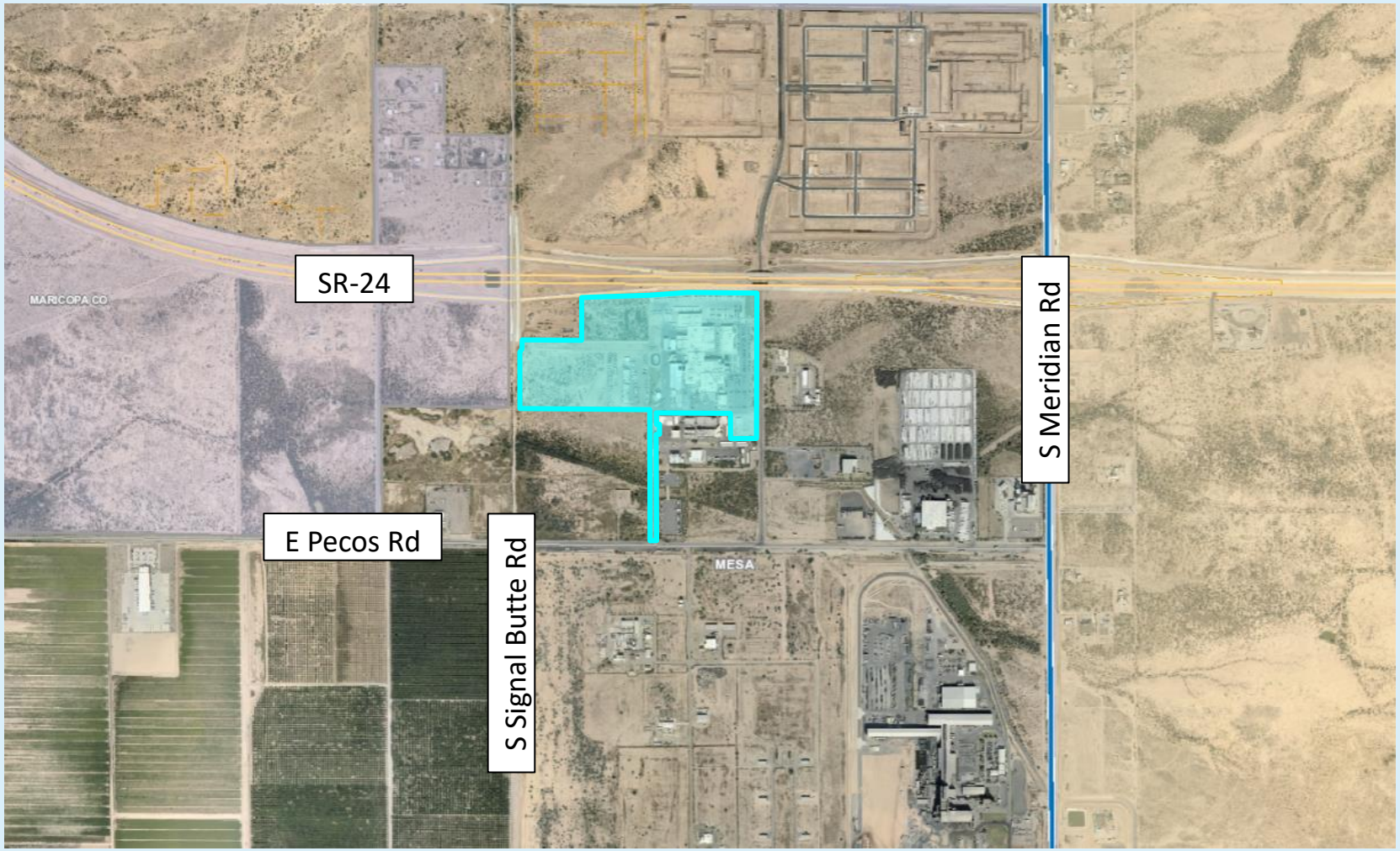
FUJIFILM Value from Innovation

AERIAL MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

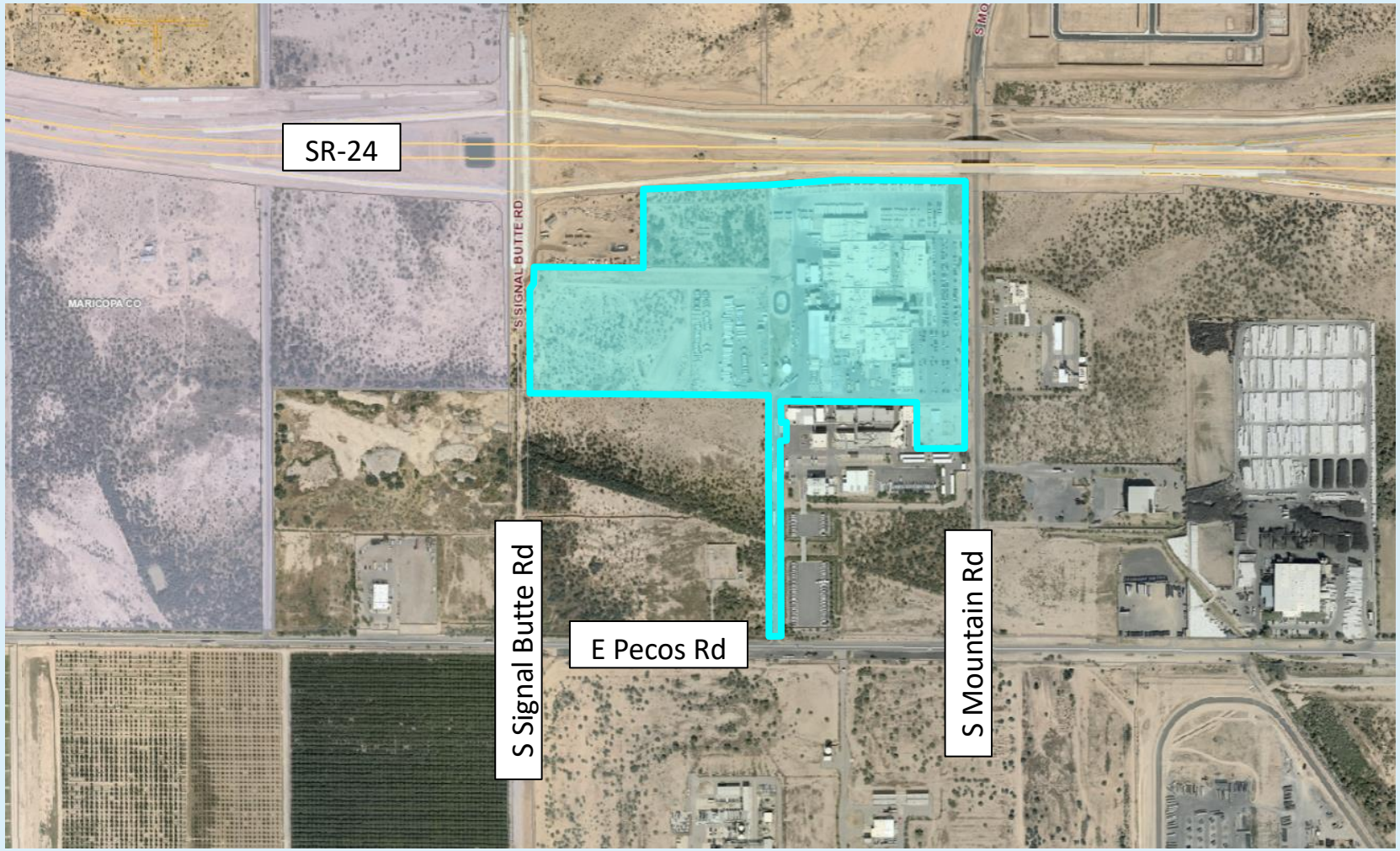
FUJIFILM
Value from Innovation

AERIAL MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
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6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

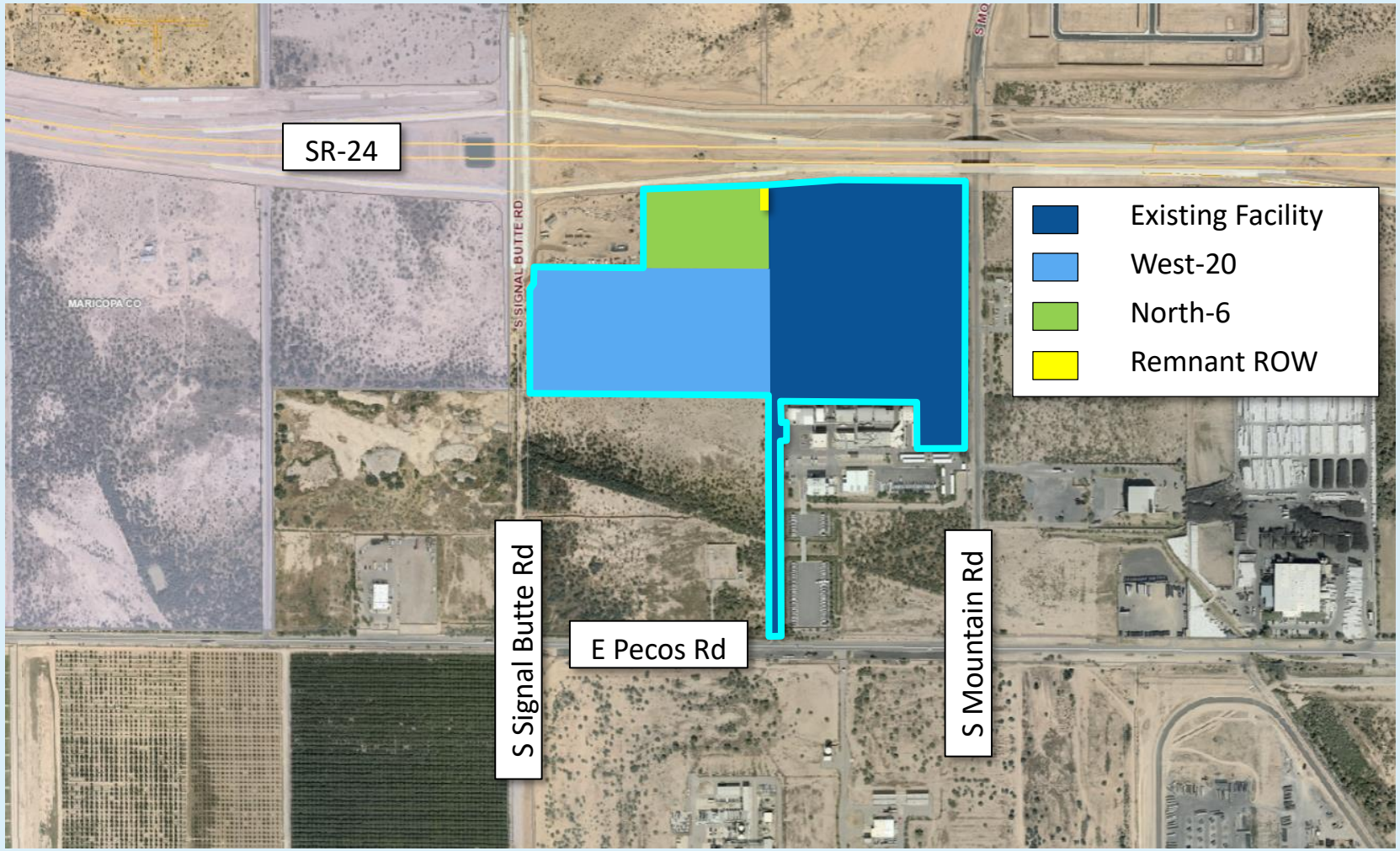
FUJIFILM
Value from Innovation

PROPERTY BOUNDARY MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

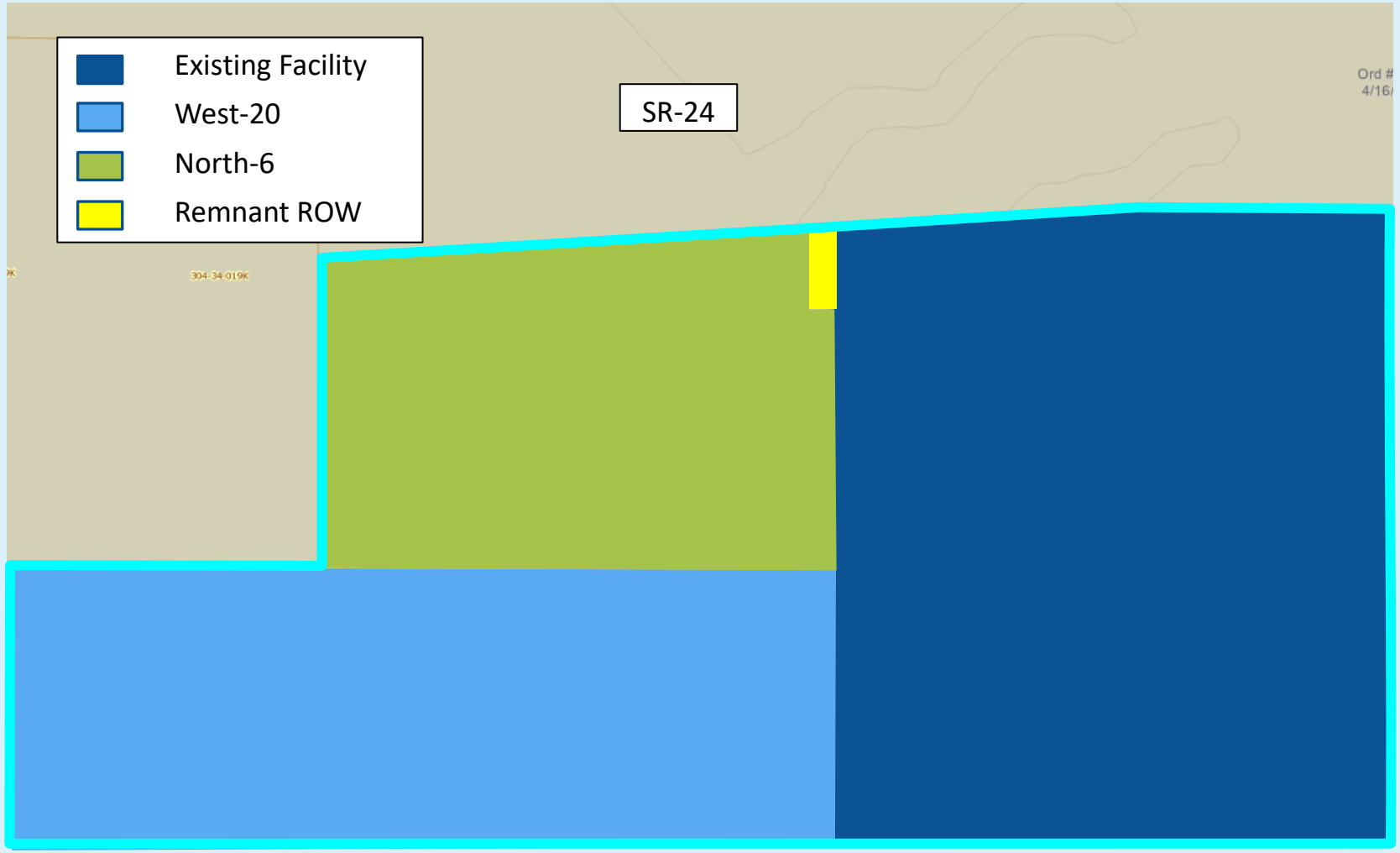
FUJIFILM
Value from Innovation

REMNANT RIGHT-OF-WAY MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

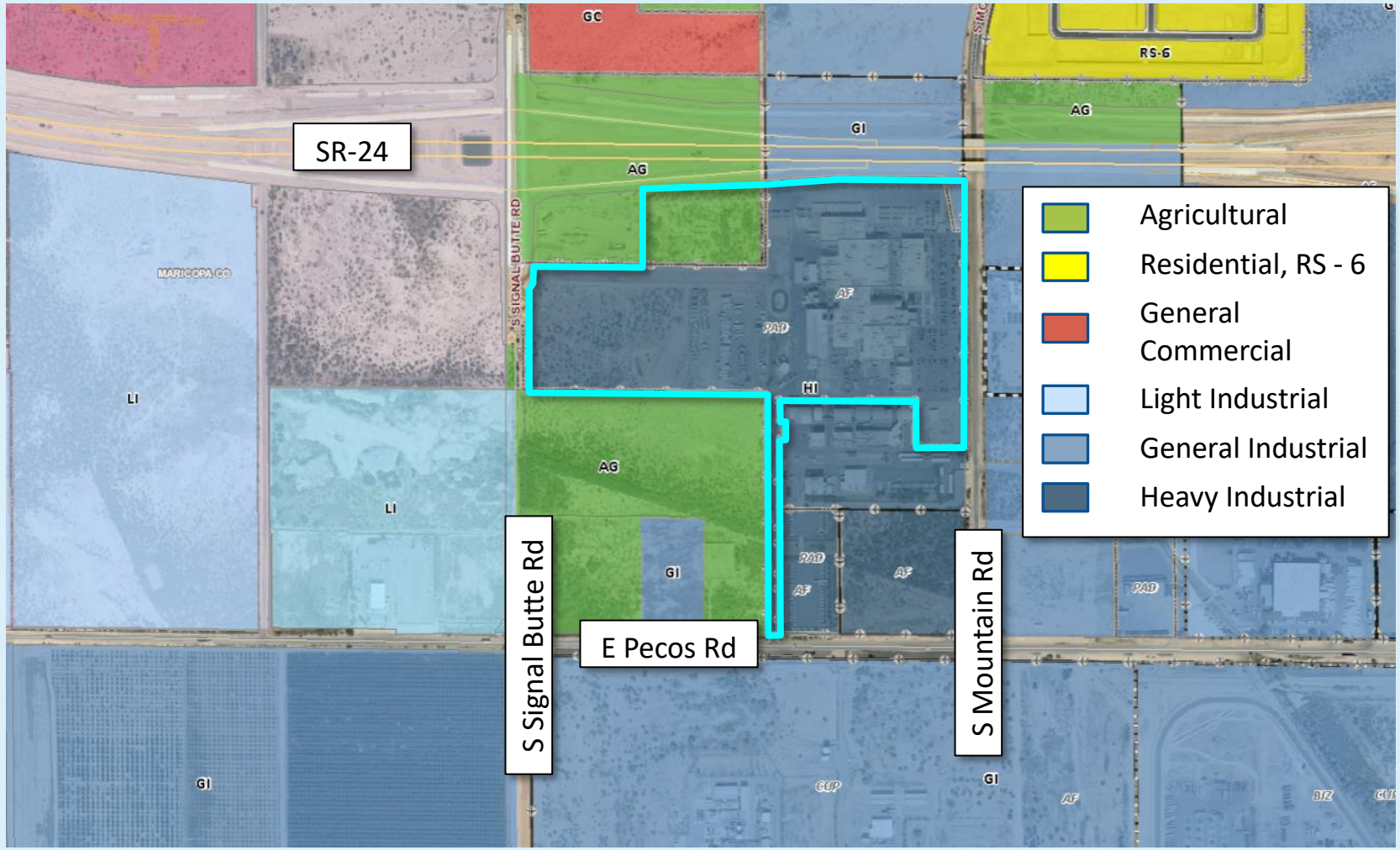
FUJIFILM
Value from Innovation

BASE ZONING MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

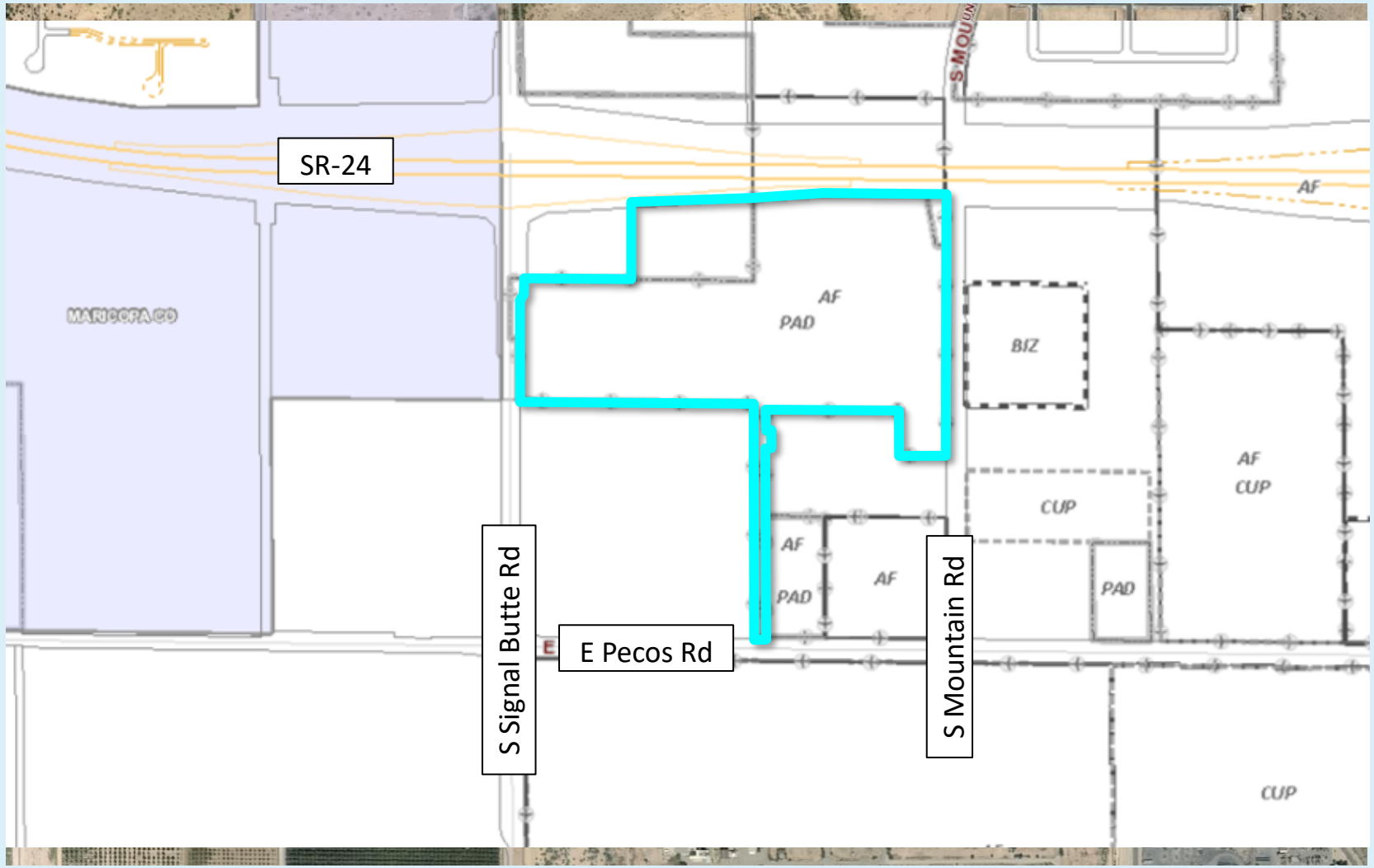
FUJIFILM
Value from Innovation

OVERLAY ZONING MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

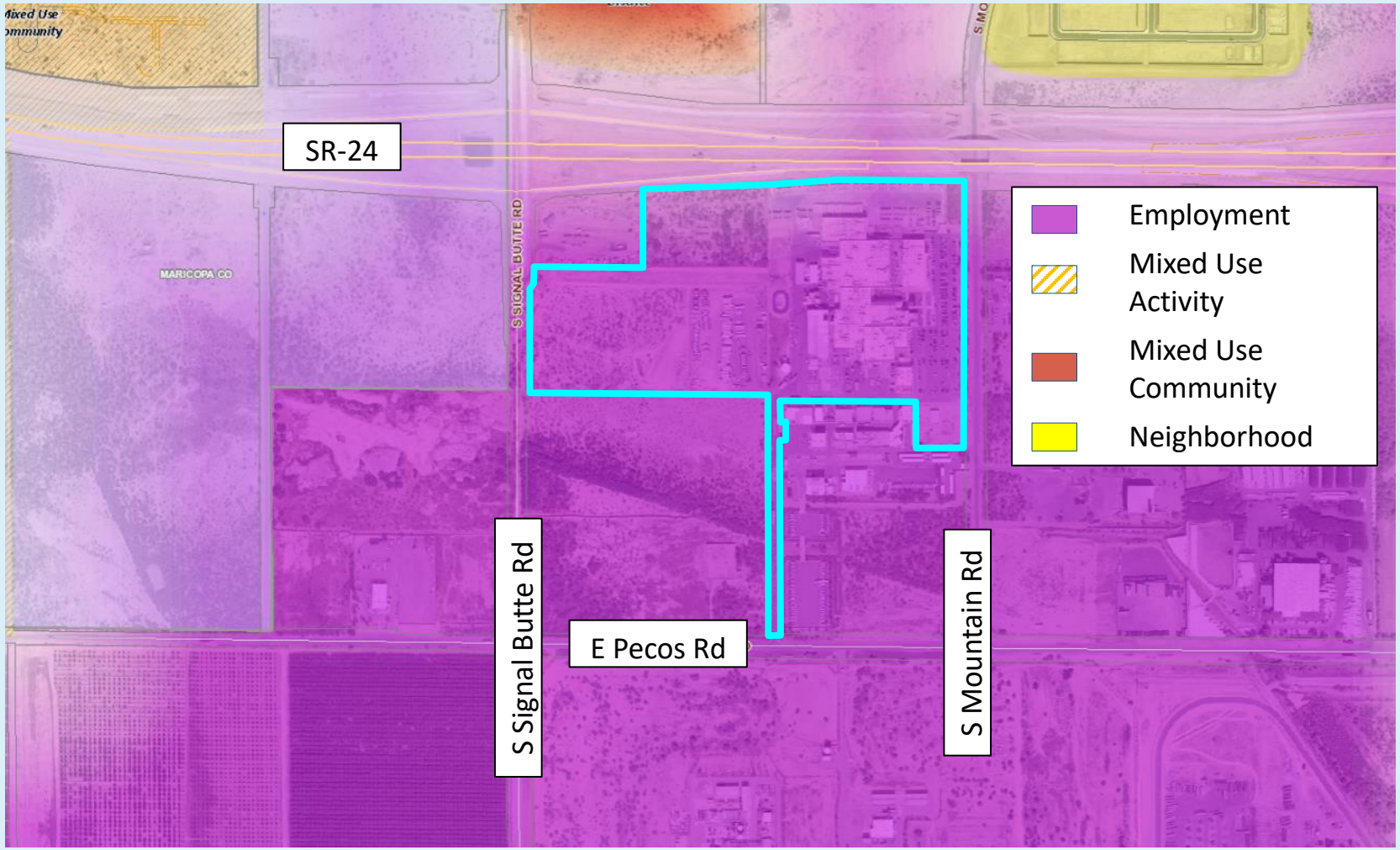
FUJIFILM
Value from Innovation

GENERAL PLAN LAND USE MAP

Parcel Nos.
Primary parcel: 304-34-035G

Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

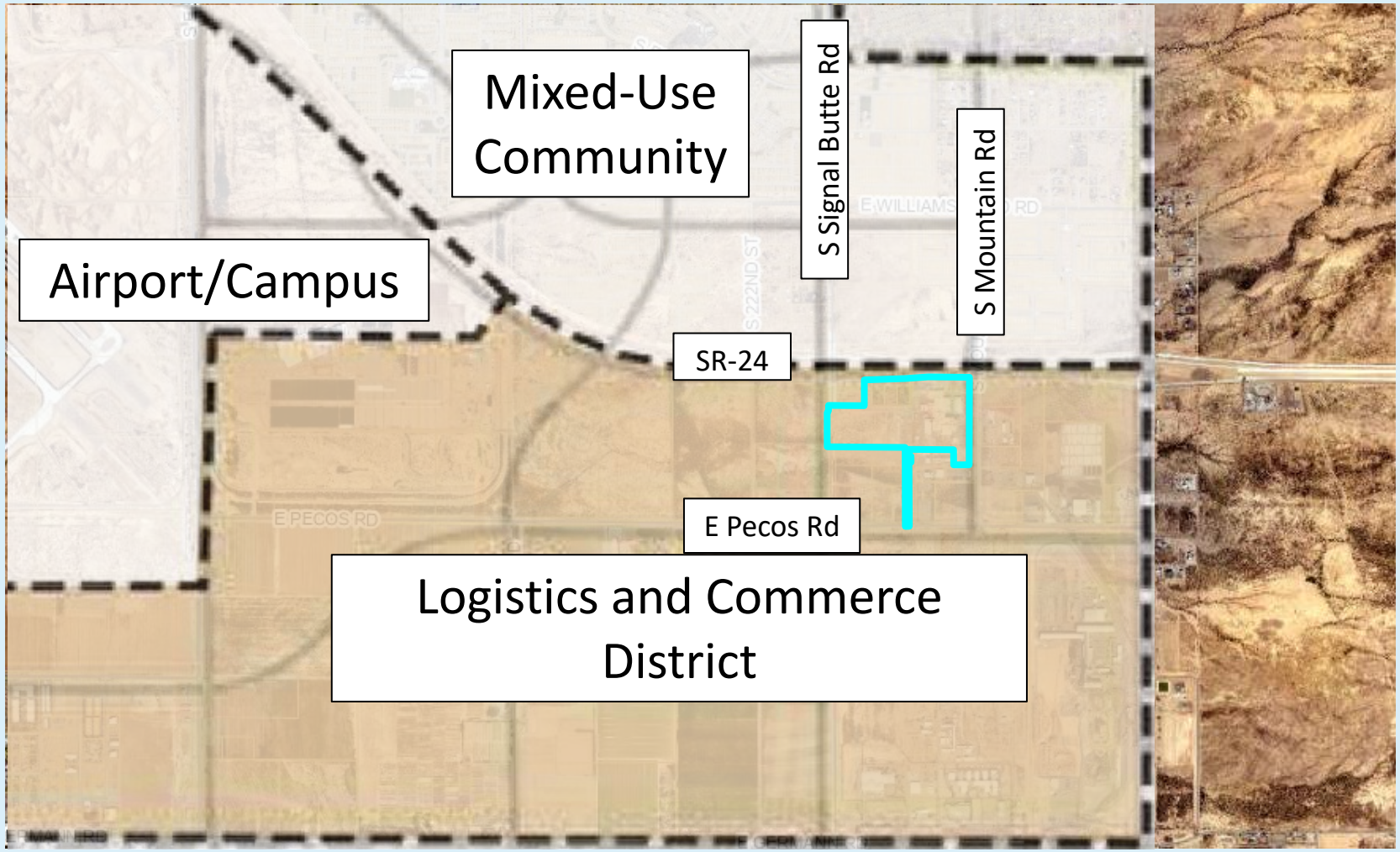
FUJIFILM
Value from Innovation

PLANNING AREAS MAP

Parcel Nos.
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Expansion Parcels:
304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019W, and 304-34-019T

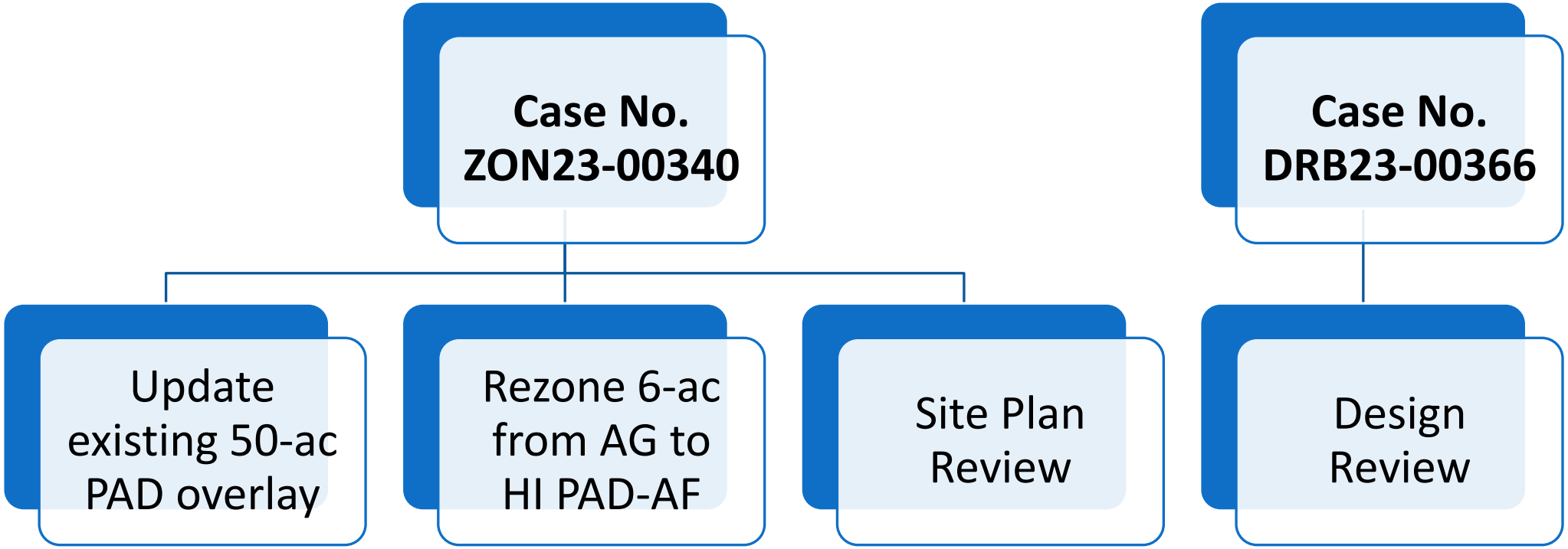
6550 S Mountain Rd,
Mesa, AZ 85210



Quarles

FUJIFILM
Value from Innovation

Requests


Case No. ZON23-00340
Case No. DRB23-00366
Update existing 50-ac PAD overlay
Rezone 6-ac from AG to HI PAD-AF
Site Plan Review
Design Review

Proposed Use

Existing 30-acre industrial facility completed expansion in 2021.

Fujifilm needs to expand to respond to the frequent spikes in demand.

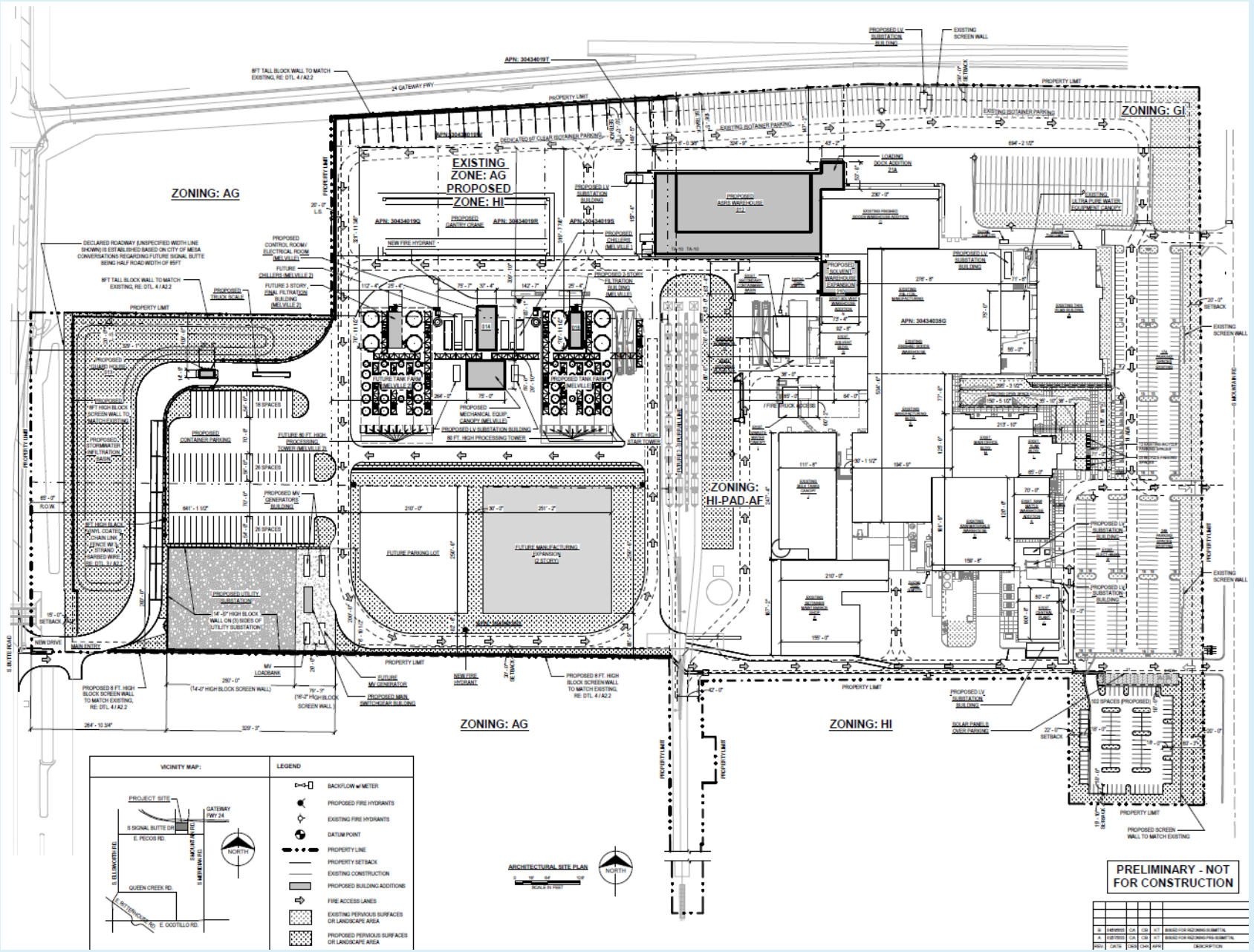
West-20 expansion area was approved in 2018.

North-6 expansion area to be included in this request.

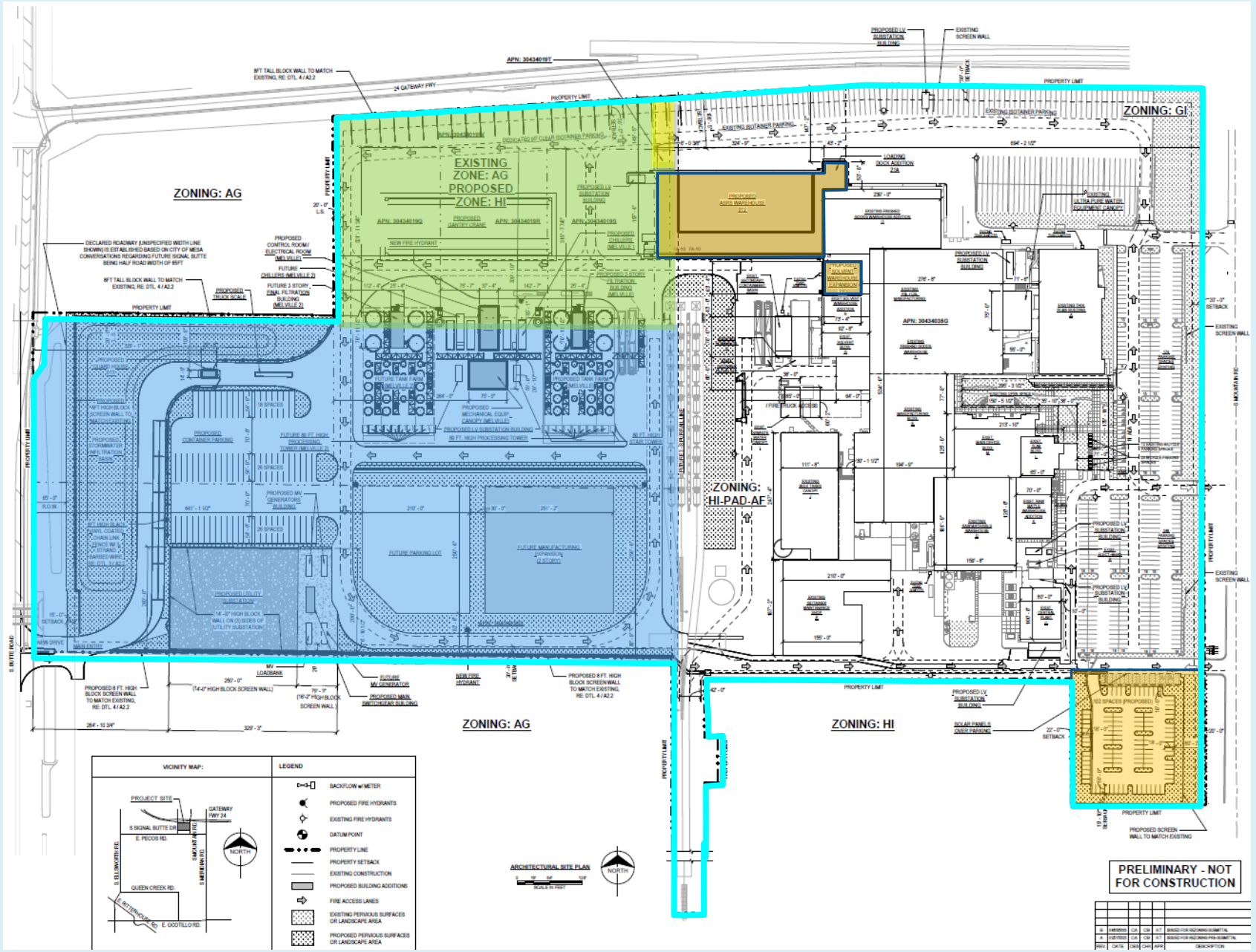
Expansion will include new automated storage and retrieval system ("ASRS") with office space, a new loading dock addition, a new solvent warehouse addition, and a new outdoor material processing area with processing towers.

Proposed Design

- The overall design complies with "Site Design" and "Architectural Design" sections of Chapter 5-Industrial in the Mesa Quality Development Design Guidelines.
- The facility expansion is comprised of building additions that will physically connect to the existing structure on the west side of the facility.
- The tank farm and associated support buildings are located to the west of the existing facility to minimize visibility from the adjacent roadways along Mountain Road.
- The various components of the project will contain building elevations that are consistent with the City's goal for high quality development and in keeping with the surrounding industrial community.
- The height and mass of the ASRS Warehouse makes it visible from SR-24 and will be only viewed by occupants traveling on the freeway.



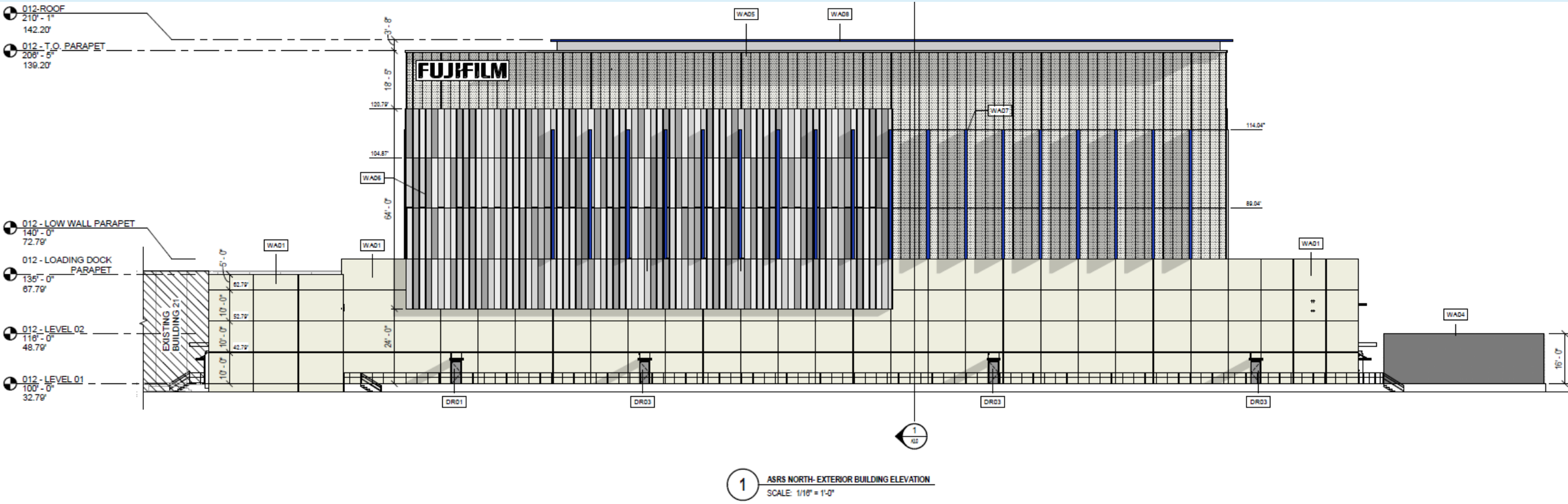
Proposed Site Plan



Expansion Area Proposed Site Plan

- Existing Facility
- Expansion in Existing Facility
- West-20
- North-6
- Remnant ROW

Proposed Design



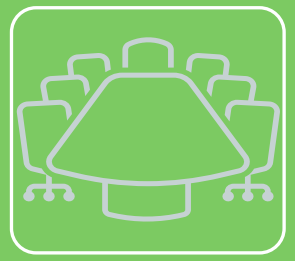
Quarles

FUJIFILM
Value from Innovation

General Plan Compatibility

Mesa General Plan 2040:	• Employment Character Area focuses on employment land uses of at least 20 acres.
Mesa Gateway Strategic Development Plan:	• Logistics and Commerce District focuses on bringing heavy industrial, light industrial, business park, and commercial uses to the areas south and east of the Phoenix-Mesa Gateway Airport.
Phoenix-Mesa Gateway Airport	• Goal 1: Maximizes potential of Phoenix-Mesa Gateway Airport. • Goal 2: Provides opportunities for a variety of new employees. • Goal 3: Freight connectivity to airport, Signal Butte, and SR-24. • Goal 4: Sustainable development and construction practices.

Meetings



PZ Board, DR Board, and City Council Hearing dates are TBD.

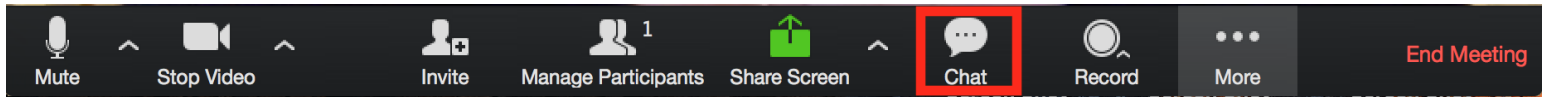


Notifications will be provided once public hearings are scheduled.

Quarles

FUJIFILM
Value from Innovation

Q&A: How to ask a question or make a comment



Participants can use the "chat" function to "Sign-In" or ask a question or submit a comment directly to the host. The host will be sure to answer questions in the order they are received.

As an attendee, "chat" will be in the controls at the bottom of your screen.

Type your message and press “Enter” to send it.

EXPANSION OF EXISTING INDUSTRIAL FACILITY

QUESTIONS?

CASE NO. ZON23-00340

CASE NO. DRB23-00366

FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.

JULY 19, 2023, 6:00 P.M.

Quarles

FUJIFILM
Value from Innovation

TAB C

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San Diego
St. Louis
Tampa
Tucson
Washington, D.C.

Writer's Direct Dial: 602-229-5683
E-Mail: Benjamin.Graff@quarles.com

October 24, 2025

Re: Proposed Rezoning for the Expansion of Existing Industrial Facility Located at the Southwest Corner of South Mountain Road and State Route 24, Case No. ZON23-00365.

Dear ***Property Owner*** or ***Neighborhood Association Representative***,

The law firm of Quarles & Brady LLP represents FUJIFILM Electronic Materials U.S.A., Inc. ("**FUJIFILM**" or the "**Applicant**"), in regard to the proposed expansion (the "**Development**") located at the Southeast Corner of South Signal Butte Road and State Route 24 ("SR-24") on Maricopa County Assessor Parcel Nos. 304-34-035G, 304-34-019Q, 304-34-019R, 304-34-019S, 304-34-019X, 304-34-019T, and 304-34-019Y (the "**Property**"). Please see the attached Vicinity Map showing the location of the Property. The case number assigned to this Development is **ZON23-00365.**

The Development includes amending the existing 20-acre portion of the western half of their Property ("**West-20**") and incorporates approximately 11 acres on the northwest portion of the Property ("**North-11**") into the existing Planned Area Development ("**PAD**") to accommodate the increased demand in the semiconductor industry and specialty chemicals. The request will expand an existing industrial complex including: **(1)** an update the approved development standards; **(2)** an expansion of the existing Heavy Industrial Planned Area Development Overlay and the Airfield Overlay District ("HI PAD-AF") boundary by rezoning North-11 from Agricultural ("AG") to HI PAD-AF; and **(3)** modification to the approved master site plan for the existing industrial facility. The Development is compatible with the long-term goals for this area in Mesa.

This letter is being sent to all property owners within 1000 feet of the property and to nearby Homeowners Associations and Neighborhood Associations per the notification processes set forth by the City of Mesa Planning Division at the request of the City of Mesa Planning Division. Enclosed for your review is a copy of the site plan and elevations of the proposed development. If you have any questions regarding this proposal, please call me at 602-229-5683 or e-mail me at Benjamin.Graff@Quarles.com.

This application will be scheduled for consideration by the Mesa Planning and Zoning Board at their meeting held on **November 12, 2025, at 4:00 PM. The meeting will be held at Mesa City Hall located at 20 East Main Street.**

The public can attend the meeting either in-person or electronically and telephonically. The live meeting may be watched on local cable Mesa channel 11, online at **Mesa11.com/live** or **www.youtube.com/user/cityofmesa11/live**, or listened to by **calling 888-788-0099 or 877-853-5247 (toll free) using meeting ID 825 0808 5605 and following the prompts**.

If you want to provide a written comment or speak telephonically at the meeting, please submit an online comment card by scanning the QR code below or visiting https://www.mesaaz.gov/government/advisory-boards-committees/planning-zoning-board/online-meeting-comment-card at **least 1 hour prior to the start of the meeting.** If you want to speak at the meeting, you will need to indicate on the comment card that you would like to speak during the meeting, and you will need to call **888-788-0099 or 877-853-5247 (toll free) using meeting ID 825 0808 5605 and following the prompts, prior to the start of the meeting.** You will be able to listen to the meeting; and when the item you have indicated that you want to speak on is before the Board, your line will be taken off mute and you will be given an opportunity to speak. For help with the online comment card, or for any other technical difficulties, please call 480-644-2099.

If you are unable to attend, or would simply like to discuss the project, please contact me via email at Benjamin.Graff@Quarles.com or by phone at 602-229-5683 to learn more about the Development and/or ask any questions. I encourage you to reach out to me first if you have any questions. You can also reach out to the City Planner assigned to this case Jennifer Merrill at 480-644-6439 or Jennifer.Merrill@MesaAZ.gov, should you have any questions regarding the public hearing process. If you have sold this property in the interim, please forward this correspondence to the new owner.

You are welcome to attend the hearing to learn about the case and make your opinions known. Please confirm the hearing details with the City of Mesa Planning Department before attending as they are subject to change.

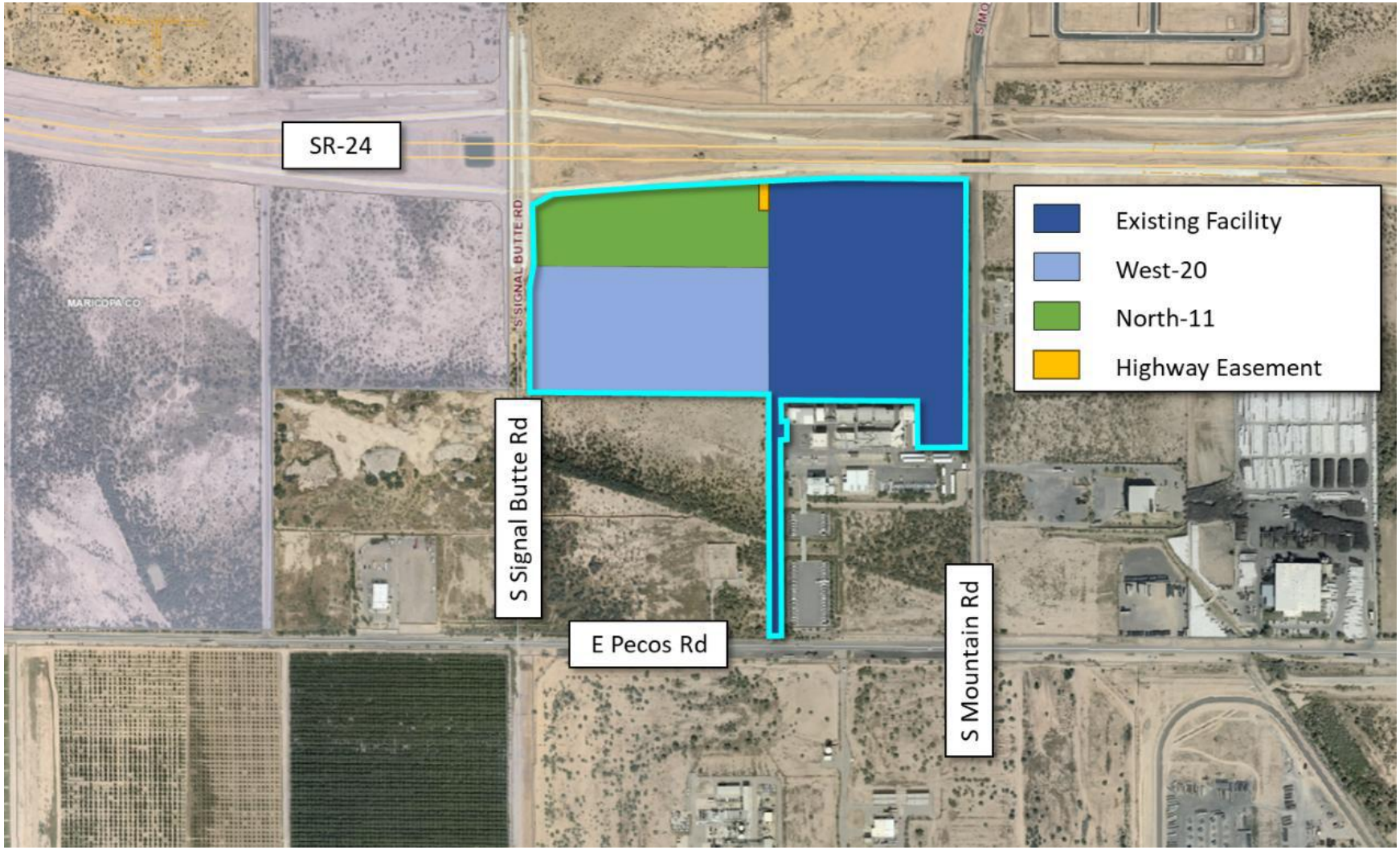
Please do not hesitate to contact me if you have any questions or require any additional information regarding this matter.

Very truly yours,
QUARLES & BRADY LLP

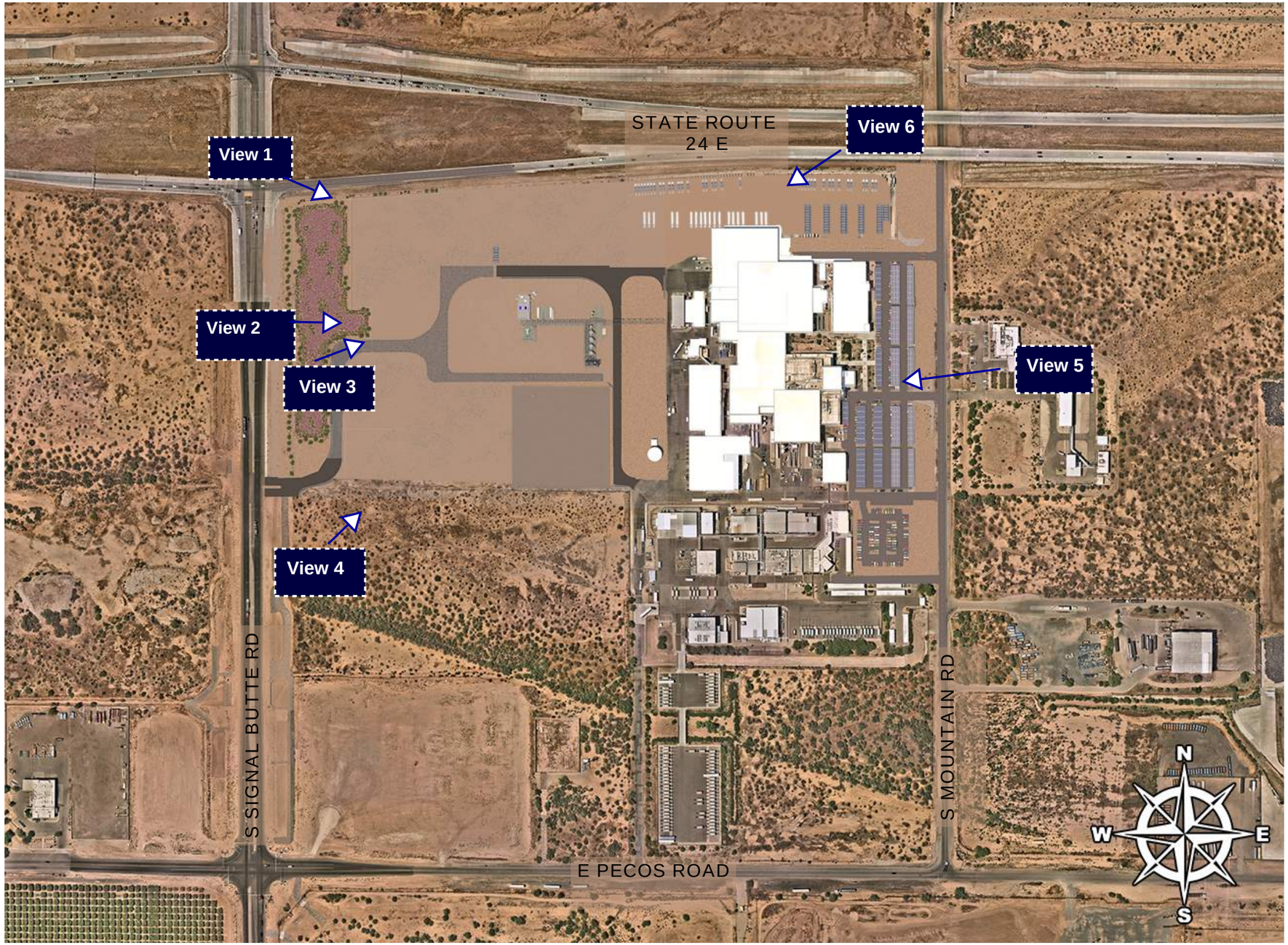


Benjamin W. Graff

Attachments: Vicinity Map, Proposed Site Plan, Proposed Elevations


SR-24
S SIGNAL BUTTE RD
MARICOPA CO
S Signal Butte Rd
E Pecos Rd
S Mountain Rd
Existing Facility
West-20
North-11
Highway Easement

TAB D



VIEW MAP - PHASE 1 (A)

NOT TO SCALE

ARIZONA REGISTERED ARCHITECT
CERTIFICATE NO.
63611
KAYLA J.
TRUSS-BORDEN
DATE SIGNED 05/22/2025
ARIZONA, U.S.A.

EXPIRES 03/31/2026

BURNS McDONNELL

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.

FUJIFILM SITE EXPANSION
6650 SOUTH MOUNTAIN ROAD
MESA, AZ 85212

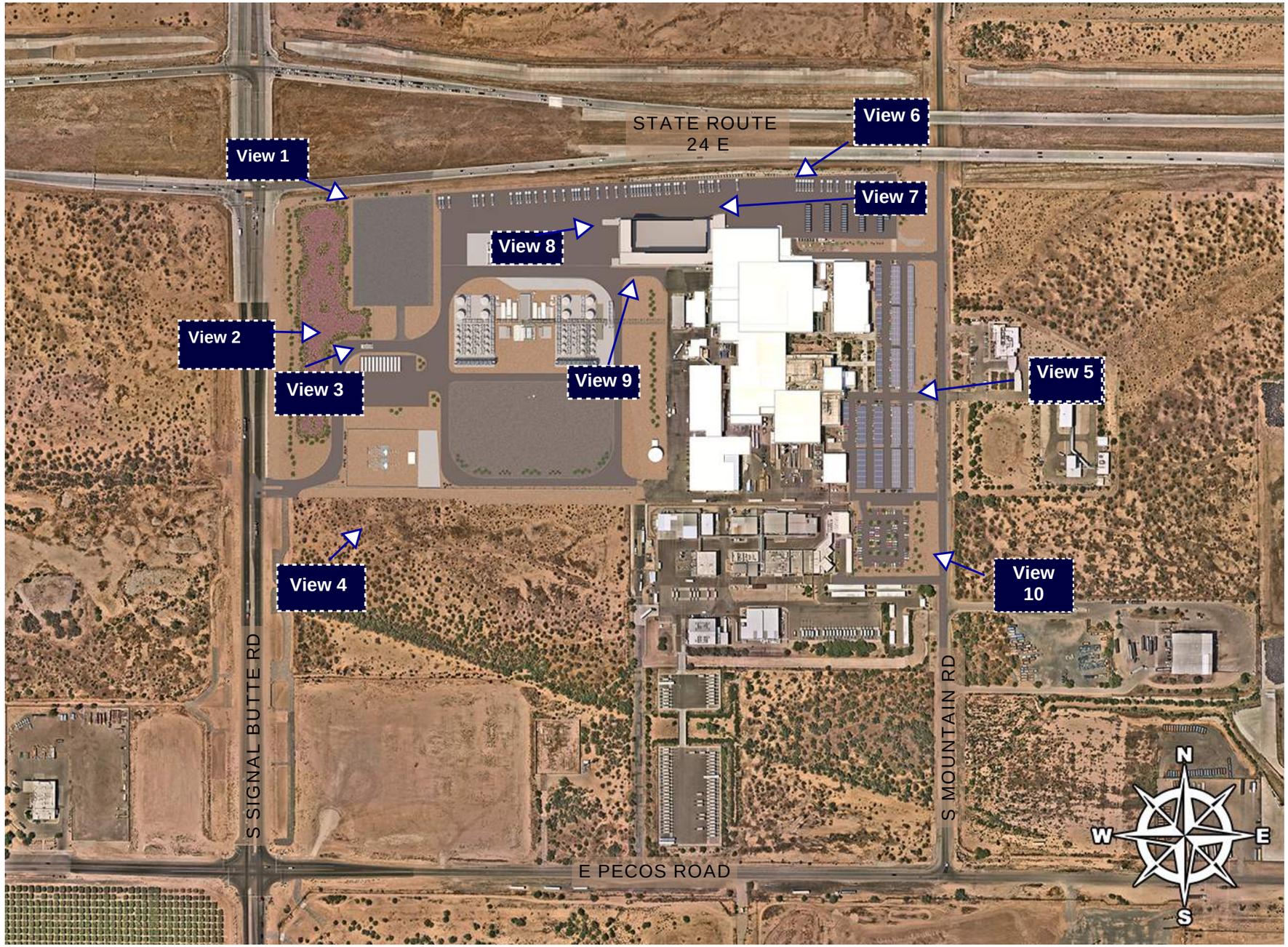
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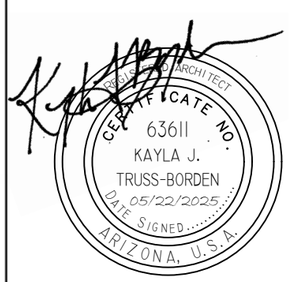
A6.0A

VIEW MAP
05/22/2025



VIEW MAP - FULL BUILDOUT

NOT TO SCALE



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A6.0B

VIEW MAP
05/22/2025



VIEW FROM SR-24 LOOKING SOUTHEAST

VIEW 1 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

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A6.1A

PERSPECTIVES
05/22/2025



VIEW FROM SR-24 LOOKING SOUTHEAST

VIEW 1 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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A6.1B

PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD LOOKING EAST TO STORMWATER INFILTRATION BASINS

VIEW 2 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

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A6.2A

PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD LOOKING EAST TO STORMWATER INFILTRATION BASINS

VIEW 2 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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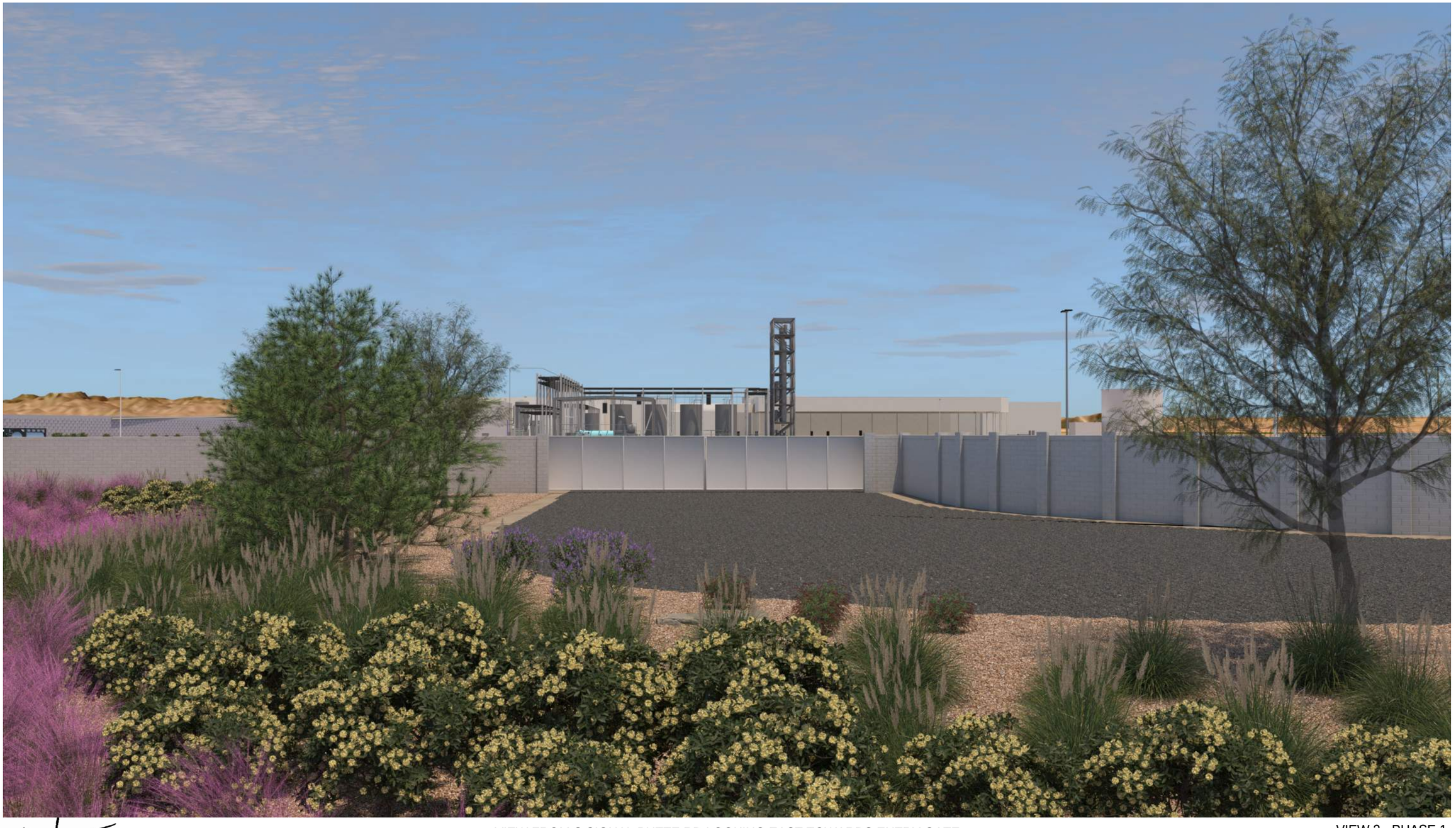
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PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD LOOKING EAST TOWARDS ENTRY GATE

VIEW 3 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

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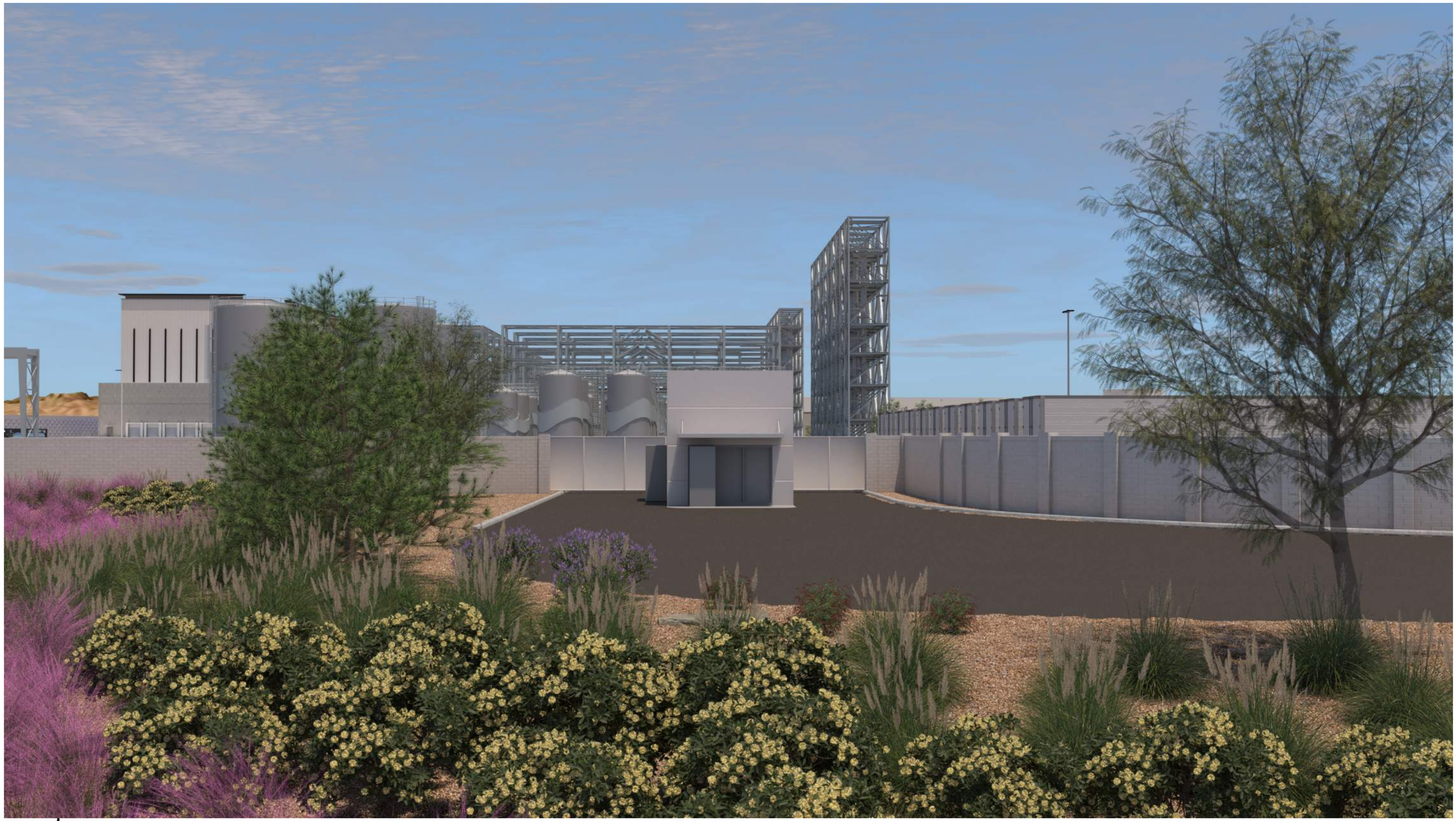
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A6.3A

PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD LOOKING EAST TOWARDS ENTRY GATE

VIEW 3 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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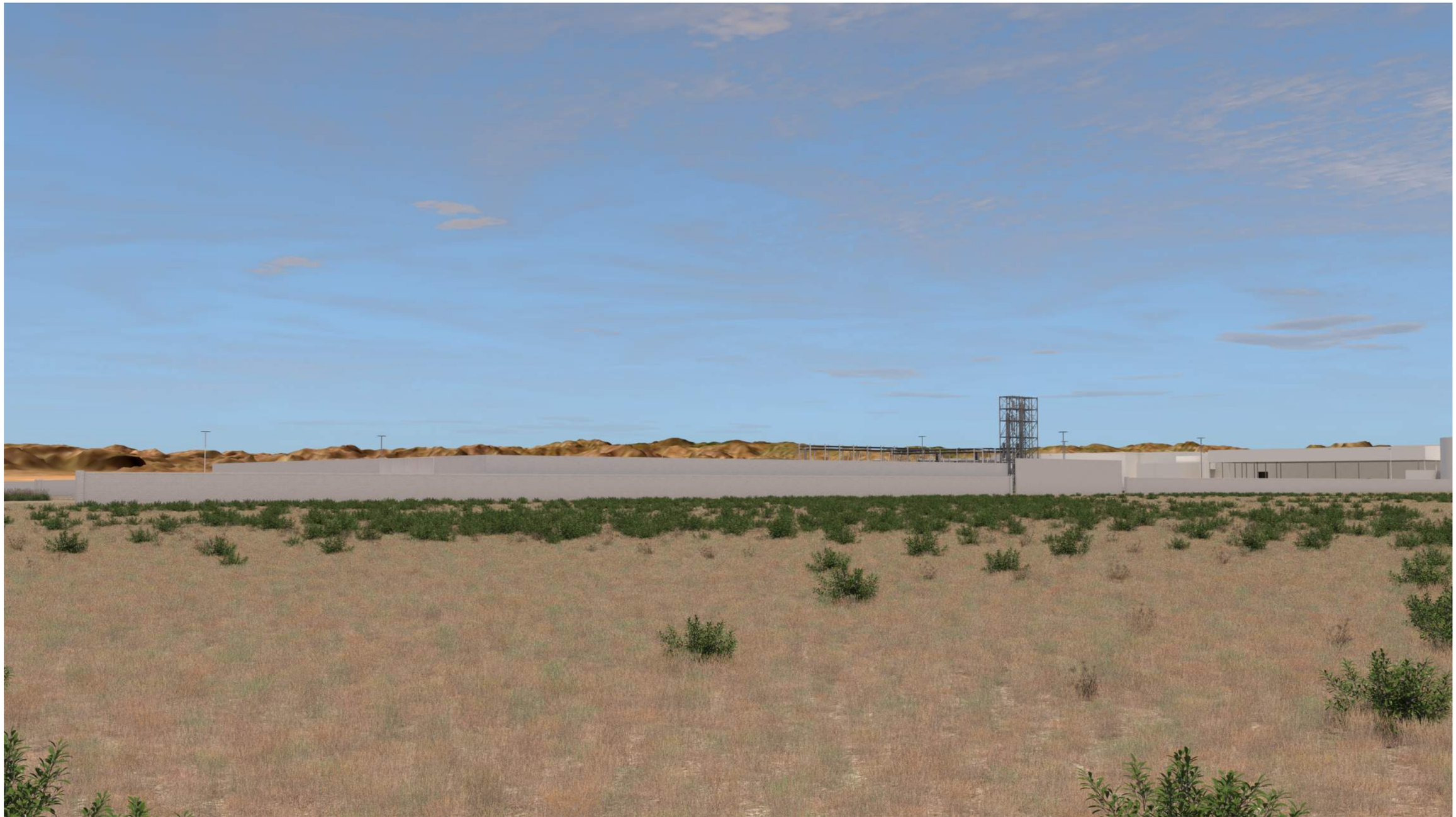
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A6.3B

PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD ON SOUTHWEST CORNER OF PROPERTY, LOOKING NORTHEAST

VIEW 4 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

REGISTERED ARCHITECT
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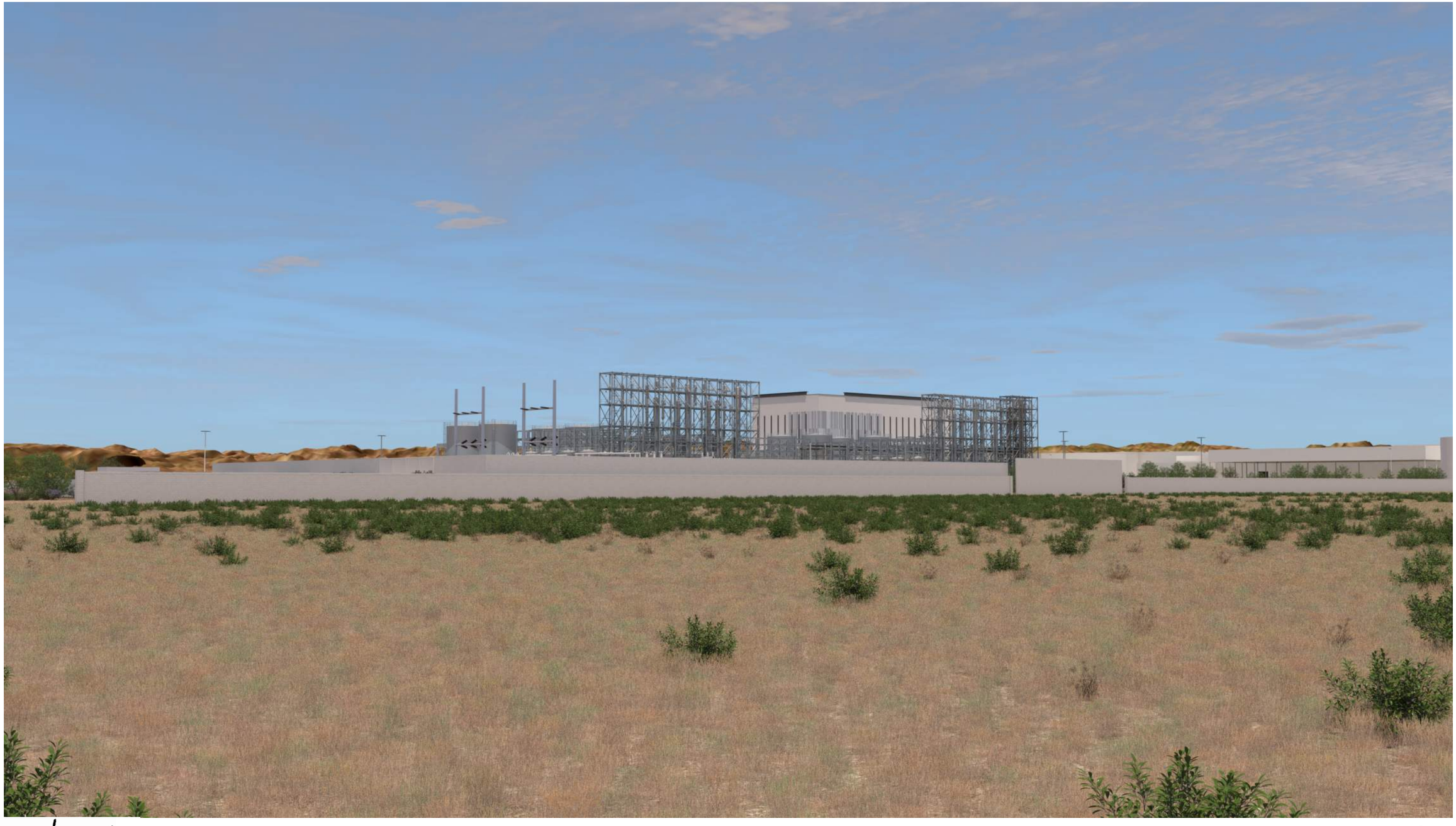
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A6.4A

PERSPECTIVES
05/22/2025



VIEW FROM S SIGNAL BUTTE RD ON SOUTHWEST CORNER OF PROPERTY, LOOKING NORTHEAST

VIEW 4 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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63611
KAYLA J.
TRUSS-BORDEN
DATE SIGNED 05/22/2025
ARIZONA, U.S.A.

EXPIRES 03/31/2026

BURNS McDONNELL

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A6.4B

PERSPECTIVES
05/22/2025



VIEW FROM S MOUNTAIN RD LOOKING WEST TOWARDS MAIN ENTRY

VIEW 5 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

REGISTERED ARCHITECT
CERTIFICATE NO.
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EXPIRES 03/31/2026

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A6.5A

PERSPECTIVES
05/22/2025



VIEW FROM S MOUNTAIN RD LOOKING WEST TOWARDS MAIN ENTRY

VIEW 5 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

REGISTERED ARCHITECT
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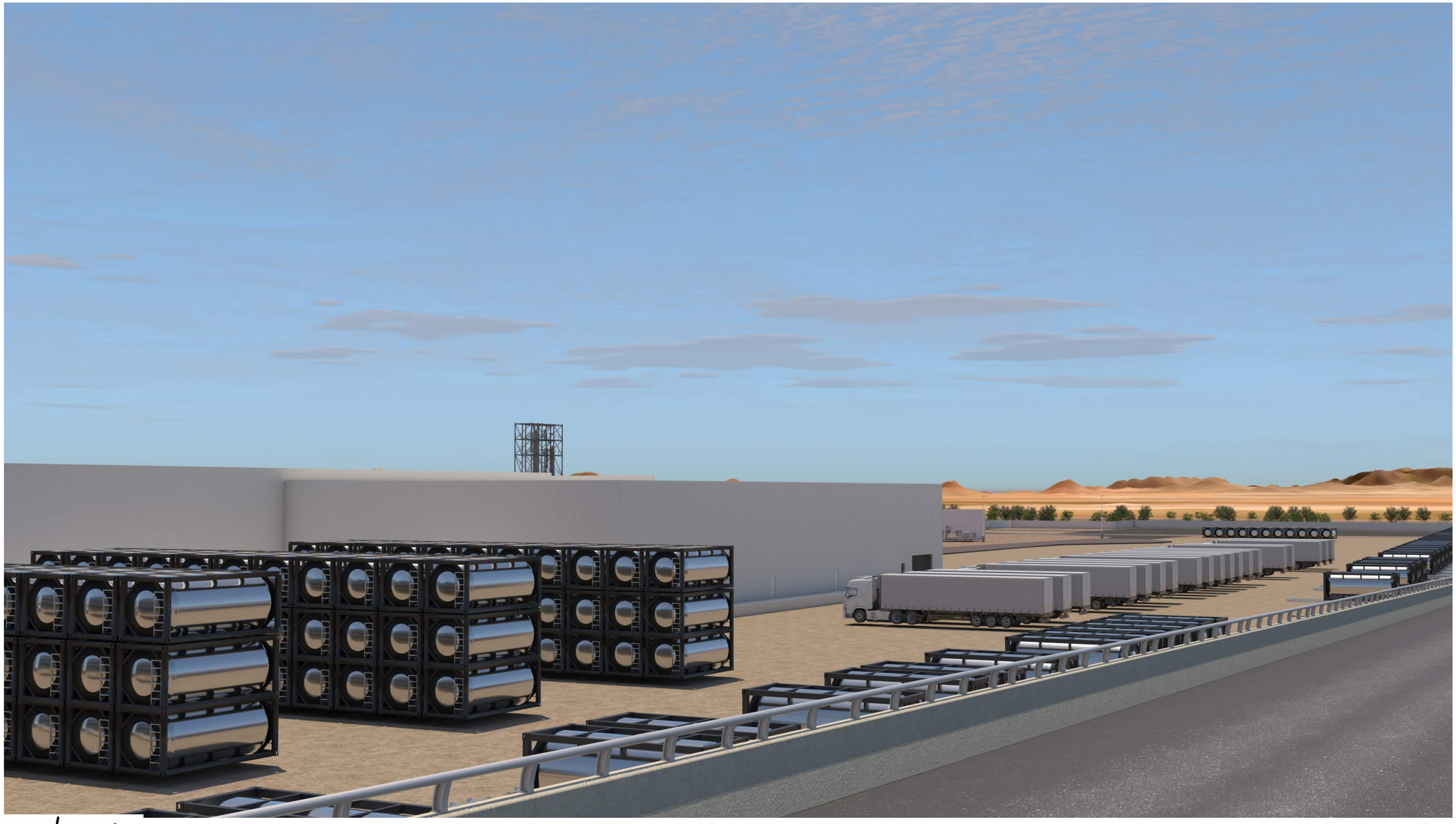
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A6.5B

PERSPECTIVES
05/22/2025



VIEW FROM SR-24 NEAR S MOUNTAIN RD LOOKING SOUTHWEST

VIEW 6 - PHASE 1
(SEE VIEW MAP ON SHEET A6.0A)

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A6.6A

PERSPECTIVES
05/22/2025



VIEW FROM SR-24 NEAR S MOUNTAIN RD LOOKING SOUTHWEST

VIEW 6 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

PROFESSIONAL ARCHITECT
CERTIFICATE NO.
63611
KAYLA J.
TRUSS-BORDEN
DATE SIGNED 05/22/2025
ARIZONA, U.S.A.
EXPIRES 03/31/2026

BURNS McDONNELL

FUJIFILM
FUJIFILM Electronic Materials U.S.A., Inc.

FUJIFILM SITE EXPANSION
6650 SOUTH MOUNTAIN ROAD
MESA, AZ 85212

OWNER / DEVELOPER
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scott.klamm@fujifilm.com
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A6.6B

PERSPECTIVES
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VIEW FROM NORTHEAST CORNER OF SITE LOOKING WEST TO ASRS

VIEW 7 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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PERSPECTIVES
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VIEW FROM SITE LOOKING EAST TO ASRS

VIEW 8 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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PERSPECTIVES
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VIEW FROM SITE LOOKING NORTH TO ASRS

VIEW 9 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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PERSPECTIVES
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VIEW FROM S MOUNTAIN ROAD LOOKING WEST TO NEW PARKING LOT

VIEW 10 - FULL BUILDOUT
(SEE VIEW MAP ON SHEET A6.0B)

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PERSPECTIVES
05/22/2025