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CITY OF EL MIRAGE

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DEVELOPMENT APPLICATION FORM

Official Use

Case No: PZ22-03-12 Date Received: 8/10/2022 P&Z Meeting: 9/13/2022
 CC Meeting: 10/4/2022

PURPOSE

Development Applications are reviewed by the Technical Advisory Committee (TAC) with the intent to provide the applicant specific information in preparation to meeting the City's technical standards and requirements for the proposed development project. Information provided by TAC is based on applicant submittals and should be considered actual and detailed in nature.

ACTION REQUESTED (Check one)

- Conditional Use Permit
- General Plan Amendment: Major Minor
- Planned Area Development (PAD)
- Planned Area Development Amendment
- Rezoning
- Site Plan Approval
- Site Plan Amendment
- Preliminary Plat
- Final Plat
- Other: _____

PROPERTY INFORMATION:

Name of Project: Desert Truss West Acreage: 41
 Property Address/Location: 1011 N. Dysart Road
 Assessor's Parcel Number: 509-18-974

APPLICANT / OWNER INFORMATION:

| | |
|---|--|
| Applicant: <u>VESPRO- Matt Izzo</u> | Owner: <u>Cariari Holdings, Inc.</u> |
| Address: <u>8502 E. via De Ventura</u> | Address: <u>10111 N El Mirage Rd</u> |
| City/ST/Zip: <u>Scottsdale, az, 85258</u> | City/ST/Zip: <u>El Mirage</u> |
| Phone: <u>480-393-3640</u> | Phone: <u>623-203-1134</u> |
| Email: <u>Mizzo@vespro.net</u> | Email: <u>John@Cariariholdings.com</u> |
| Signature: <u></u> | Signature: <u></u> |
| (Agreement to act as agent for owner) | (Authorization for agent to act for owner) |

- Application Form
- Comprehensive Site Plan
- Exterior Elevation
- Deed and/or Title Report
- Drainage Report
- A.L.T.A. Survey
- Phase I Environment Site Assessment
- Preliminary Sewer Report
- Preliminary Water Report
- Traffic Impact Study
- Preliminary Landscape Plans
- Filing Fee (see Fee Schedule)

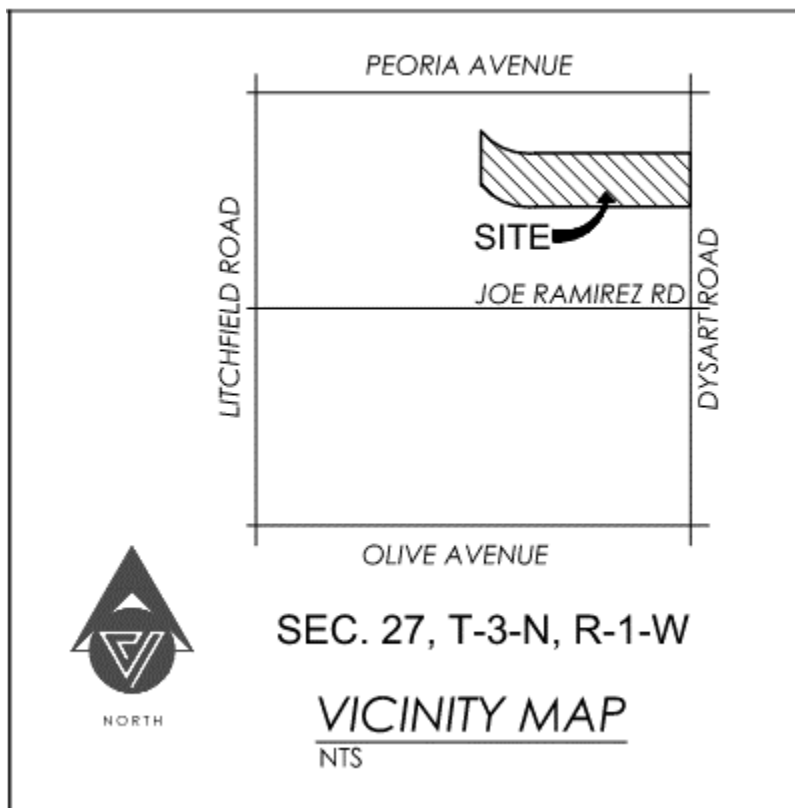
**PRE-APPLICATION
PROJECT NARRATIVE**

FOR THE

DESERT TRUSS WEST

**LOCATED AT THE SSW CORNER OF PEORIA AVENUE AND DYSART ROADS,
CITY OF EL MIRAGE, ARIZONA**

APN # 509-18-974



Prepared by:



8502 E. Via de Ventura, Suite 101
Scottsdale, AZ 85258

Date: March 16, 2022
Revised July 25th, 2022

Job No. 21027

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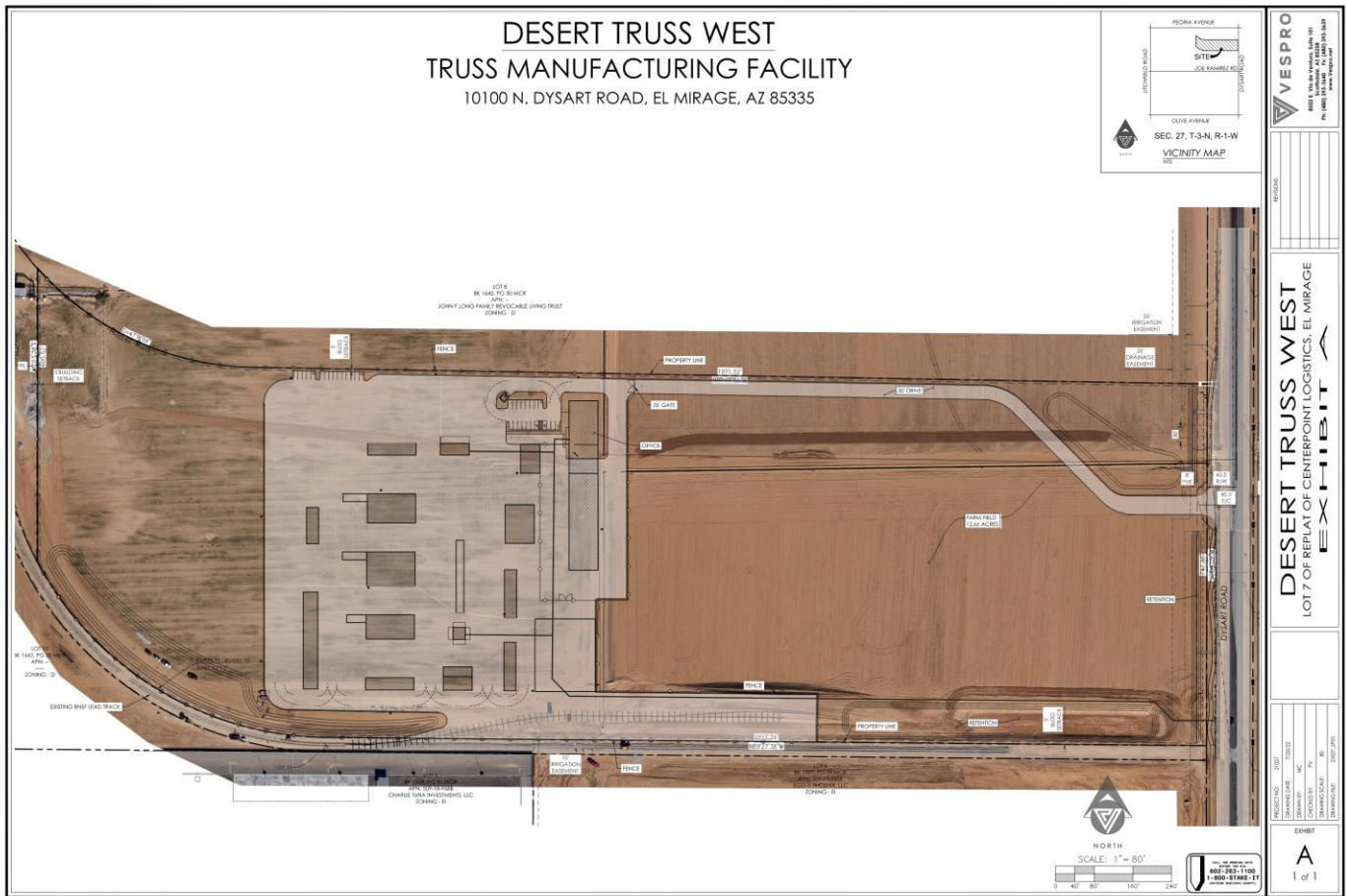


Exhibit A

1 Project Introduction

On behalf of Cariari Holdings, INC (Owner / Developer), VESPRO (Applicant) respectfully submits for consideration this Pre-Application request of site plan approval. The property includes one parcel (APN 509-18-974) totaling 41.185 acres located on the west side of Dysart Road approximately one-quarter mile south of Peoria Avenue. Refer to Exhibit A for the location of this property. The current zoning is PAD, the City's 2020 General Plan designates this parcel as a future land use of Commerce/Industrial Park (CI). This request seeks the City's support to allow Cariari Holdings, Inc to design and develop approximately half of the 41 acres for a Truss Manufacturing Facility. The remaining half will continue to be used for agricultural production until the truss facility is ready for expansion.

Facility hours are expected to be 6:00am to 4:00pm Monday through Friday with a staff of approximately 30 employees. Facility will not generate any noise exceeding 55 decibels, measured at the property line, between 10pm and 6am.

2 Existing Land Use

The property is currently in agricultural production. There is a 30' wide BNSF property along the south property line that is currently constructing a rail spur and has utilized the southern portion of this property for drainage control including temporary retention basins and earthen berming, project "Copperwing Spur Extension Ph II".

3 Flood Zone Determination

The majority of the property is classified as Zone X: areas with a 1% annual chance flood with average depths less than one foot. There is a very small, less than 10,000sf, area in the nw corner of the site that is classified as Zone A. Only security fencing improvements are planned in this area.

4 General Plan Designation

The El Mirage General Plan 2020 has designated this subject property Commerce/Industry Park (CI), which extends west to the BNSF railroad (135th ave alignment), east to the Agua Fria River, south to Northern Ave, and north to Peoria Avenue.

5 Existing Zoning

The existing zoning is Planned Area Development. The proposed zoning is either Commerce/Industrial (CI) or Planned Area Development (PAD).

6 Relationship to Surrounding Properties

North: The property immediately north is currently zoned PAD and is currently being used for agricultural production.

East: The property immediately east of Dysart Road is currently zoned PAD and is being used for agricultural production

South: The property immediately south is 30' wide owned by BNSF and is currently under construction of a railroad spur. Further south are 2 parcels currently under construction of manufacturing facilities.

West: The area immediately west is BNSF rail and further west is being agricultural use located in the City of Surprise.

7 Access/Circulation

Primary access to the Subject Property is only available from Dysart Road, which has been designated as a major arterial with a 110' ROW. Dysart Road improvement plans are currently under review by the City of El Mirage. It is anticipated that the current planned improvements will be sufficient for this development with the exception of the addition of a larger driveway to provide better truck access to the site. The proposed design plans indicate that Dysart Road, as a major arterial, will have 4 lanes of traffic, 2 bike lanes, a 14' raised median, and 6' detached sidewalks. The current west half ROW is 60.5' thereby not requiring additional dedication. As identified in the Traffic Statement, a deceleration will be required for southbound approaching the proposed driveway, the site traffic from the proposed facility does not warrant any improvements to Dysart Road. The city will require a detached 8ft meandering sidewalk, streetlights, ITS conduit and landscaping/irrigation along the Dysart Road frontage. All on site circulation will be private.

8 Development Plan

This property will be developed in one phase. Site improvements will be subject to the requirements of the City of El Mirage and respecting the adopted Design and Development Standards for

Commercial projects. The enclosed Site Plan is a placeholder for this design review presentation. influence the next version of this plan to be submitted for the rezoning application.

Based on location and access to the BNSF rail spur, on-site development will initially be at the rear of the property with eastern half of the property to remain in agricultural production until facility is ready for expansion.

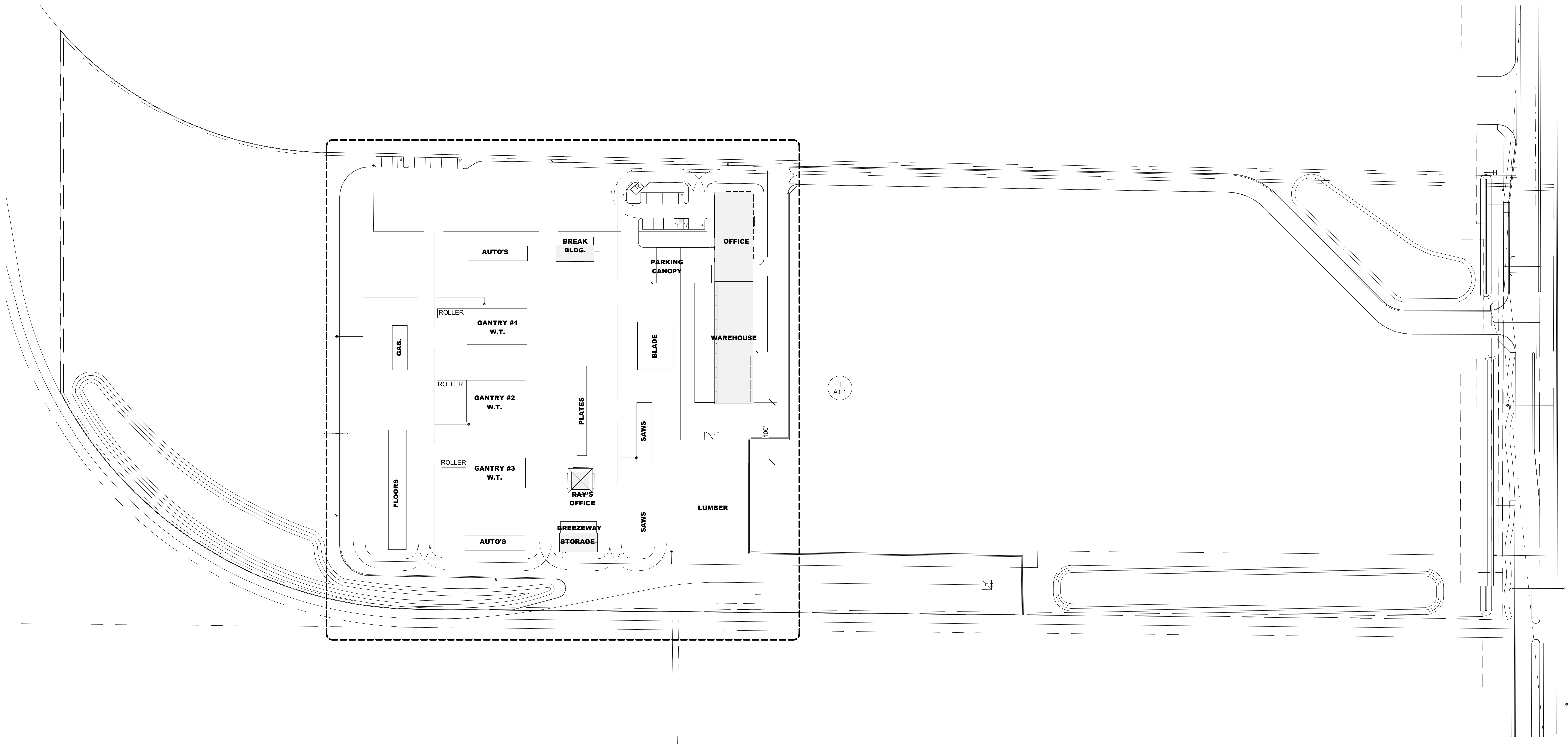
The entire perimeter of the Property has incorporated an appropriate setback for the installation of a nearly contiguous landscape buffer. Along the north property line is a planter area between the drive and the property line that will be 10' in width.

9 Utility and Services (Sewer, Water, Police, Fire, etc.)

The use of water and wastewater generated for this site will be de minimis. Wastewater will be limited to a toilet and sink located in the office and a couple of toilets and sinks in the maintenance building. EPCOR is currently extending a 12" sewer line in Dysart Road to the southeast property corner. The site will utilize an existing 12" water line in Dysart Road for domestic water supply and fire protection. Electric power will be provided by APS. Police and fire services will be provided by El Mirage.

10 Storm Water Drainage and Retention

As identified in the Drainage Report, the site will provide the storm water retention for the 100-year 2 hour storm and the stormwater will be dissipated within 36 hours via a dry wells as needed.




 1 ARCHITECTURAL SITE PLAN
 1" = 80'-0" REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION

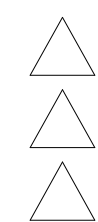
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10100 N Dysart Road, El Mirage, Arizona 85335
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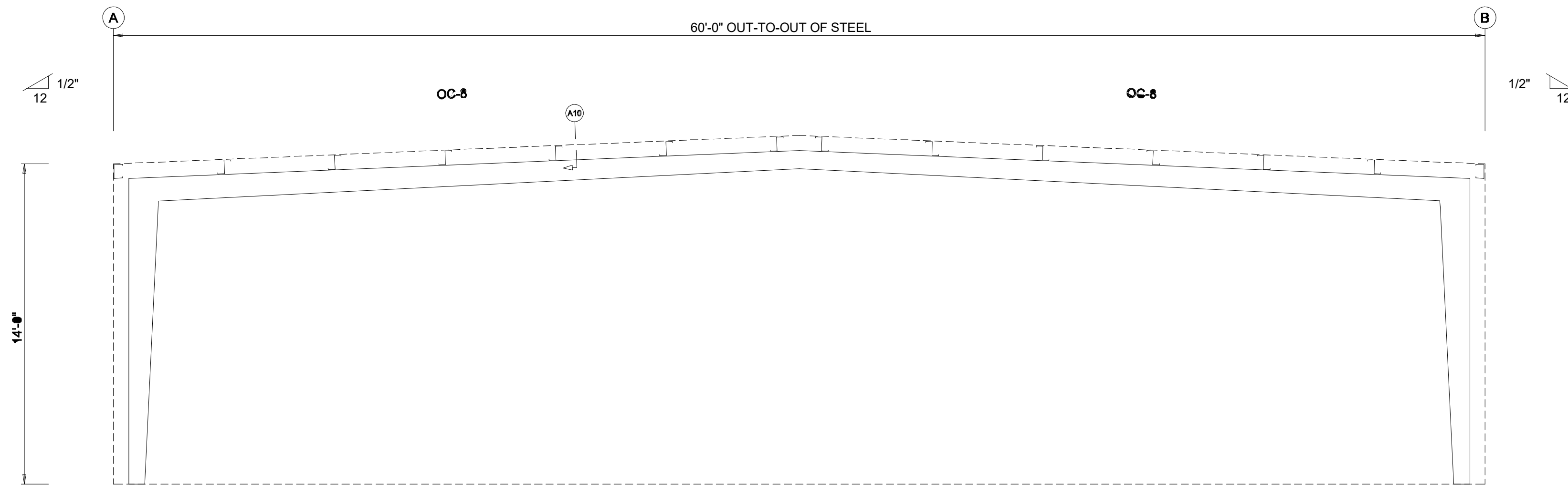


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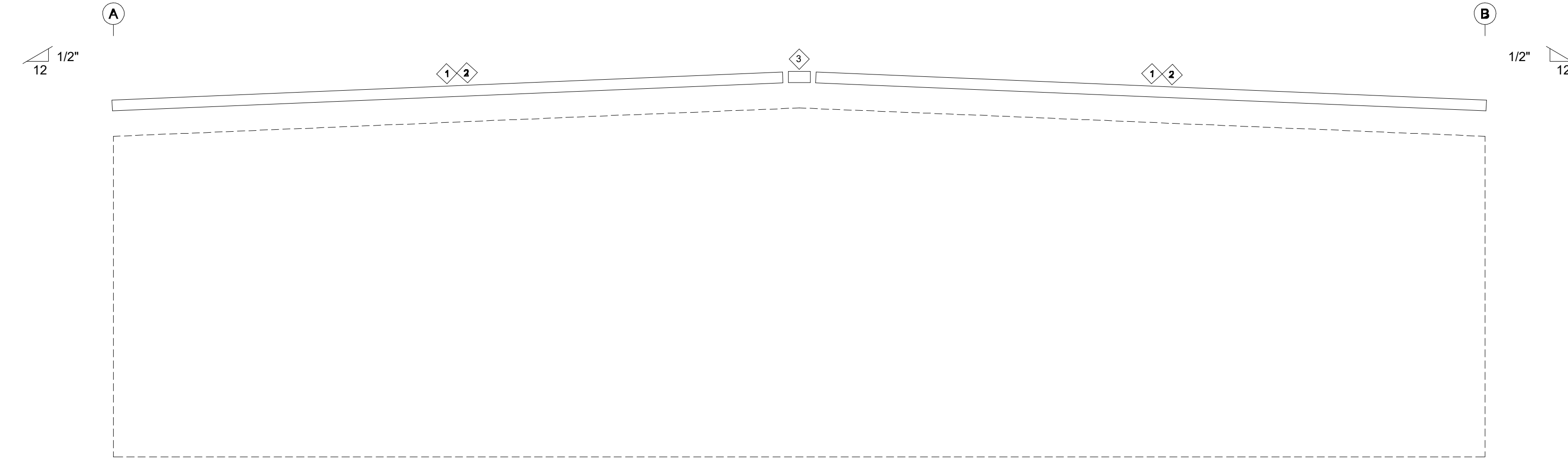
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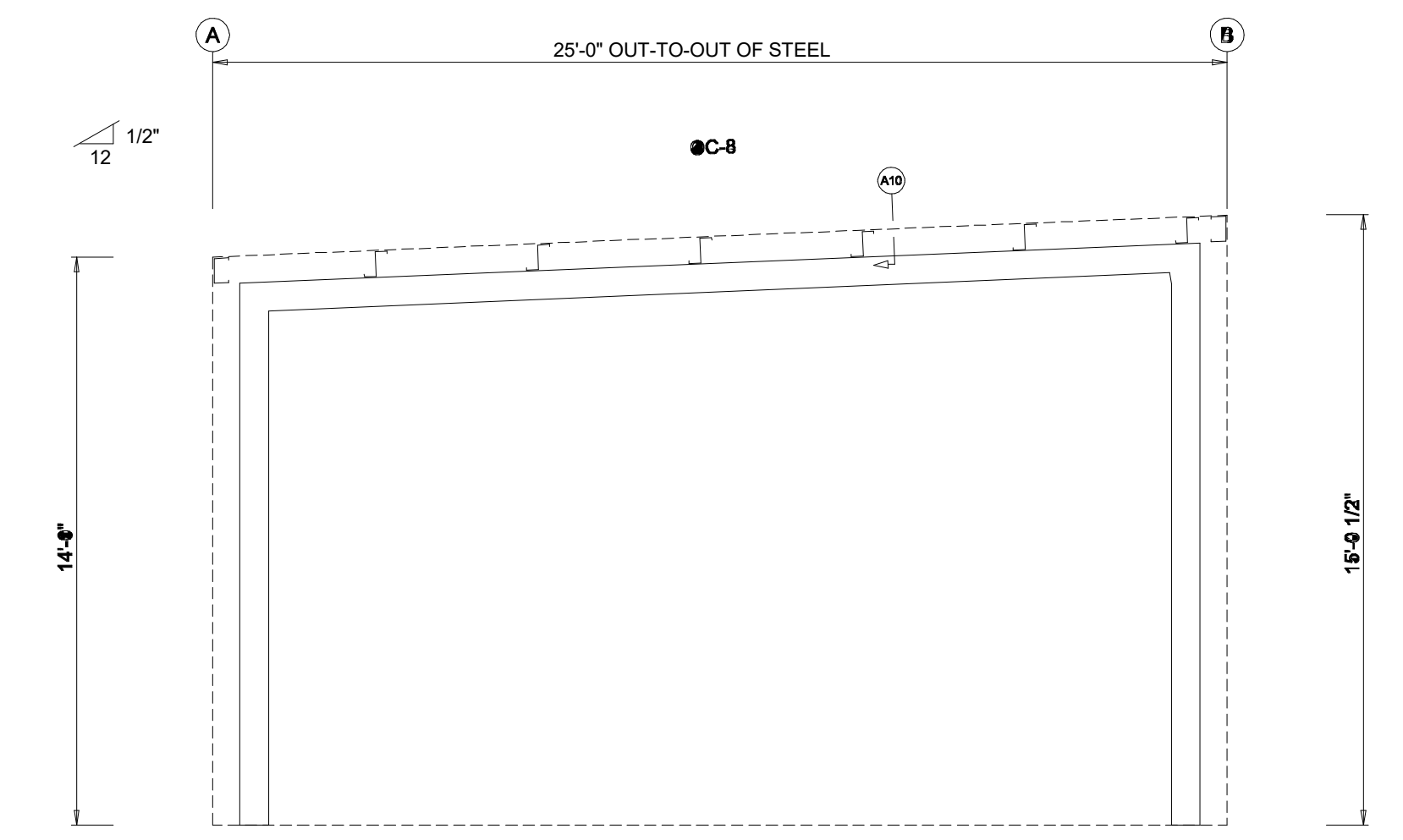


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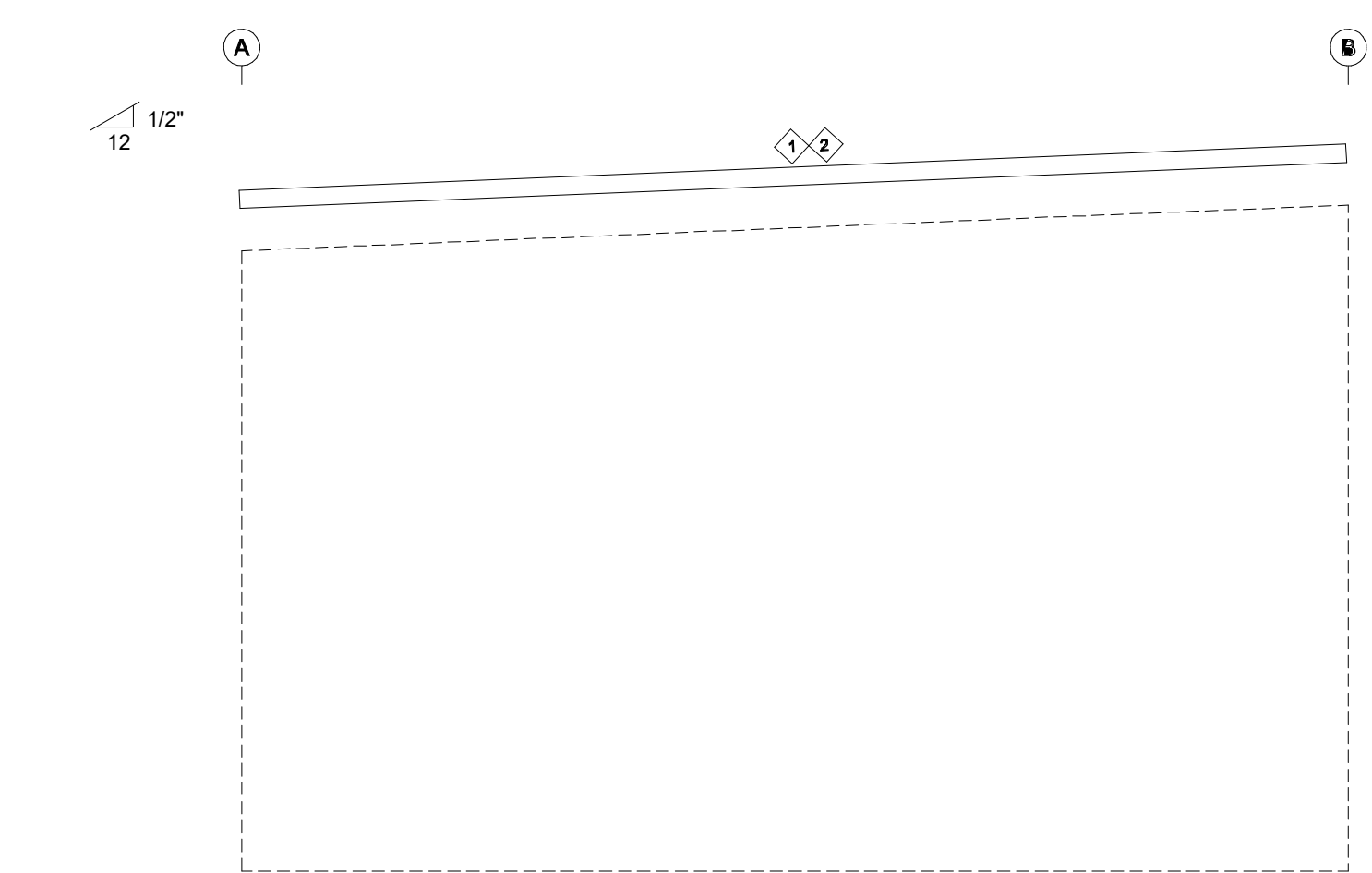


LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

② BLADE
1/4" = 1'-0"



LEFT ENDWALL FRAMING: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

① AUTO
1/4" = 1'-0"

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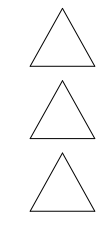
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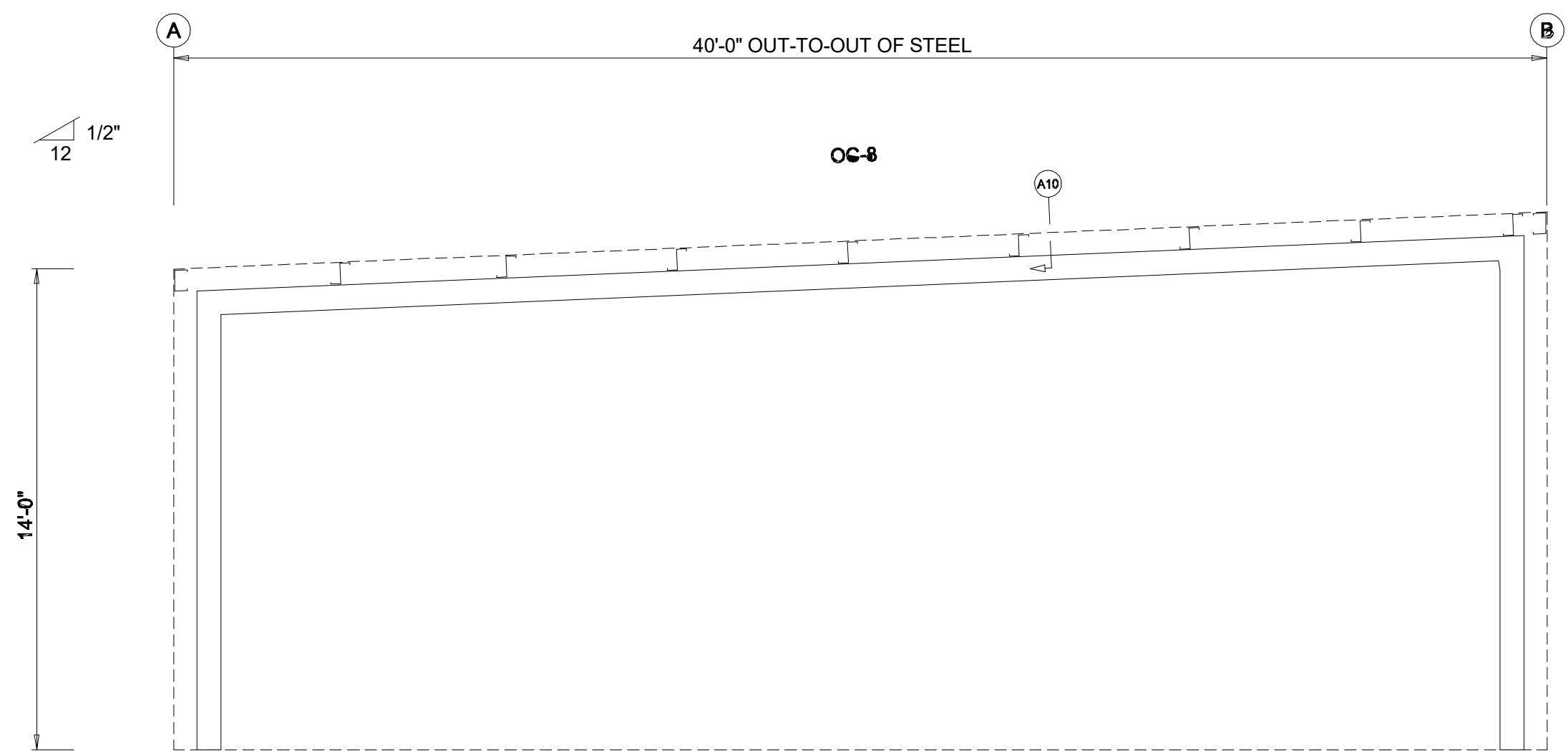
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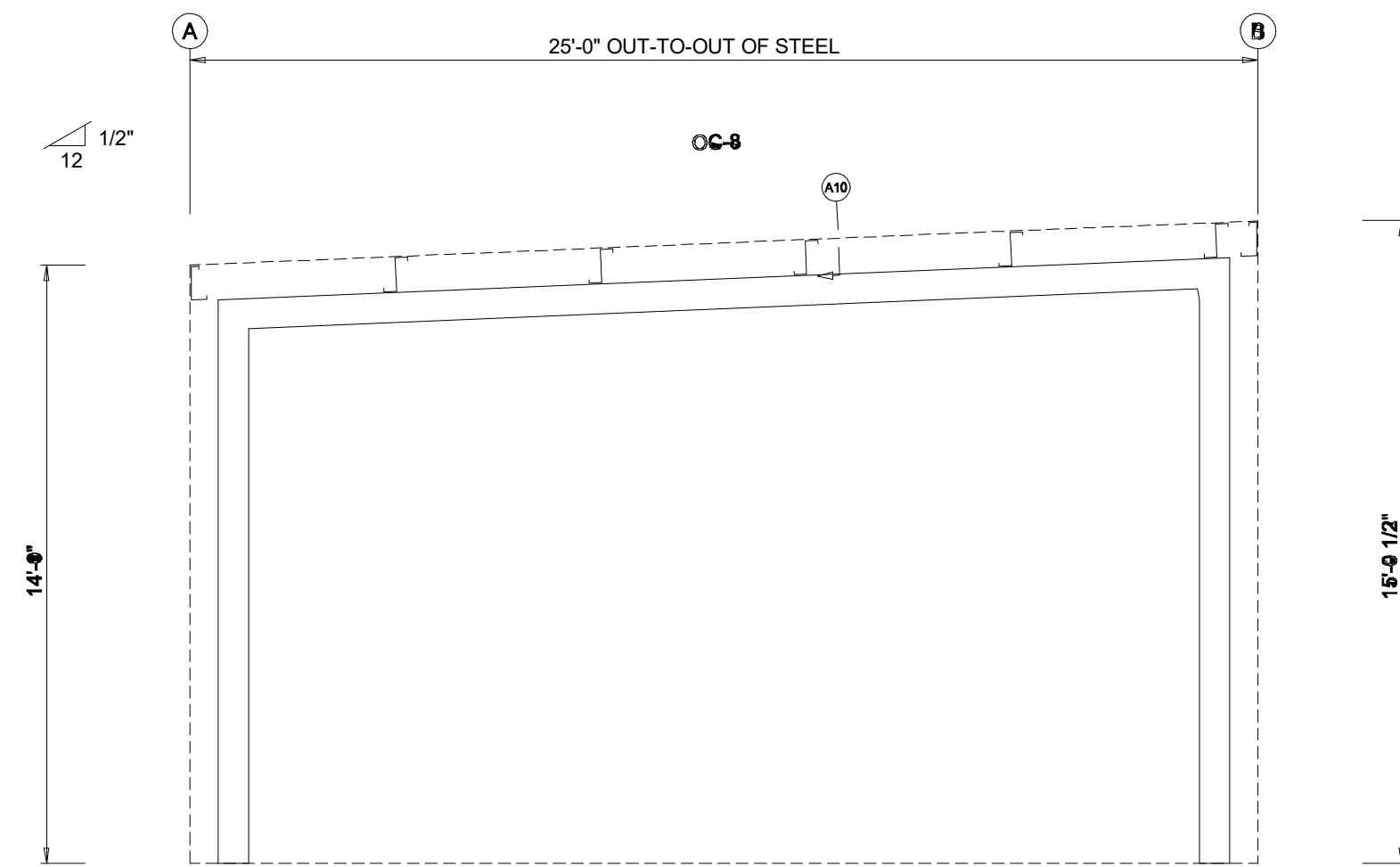
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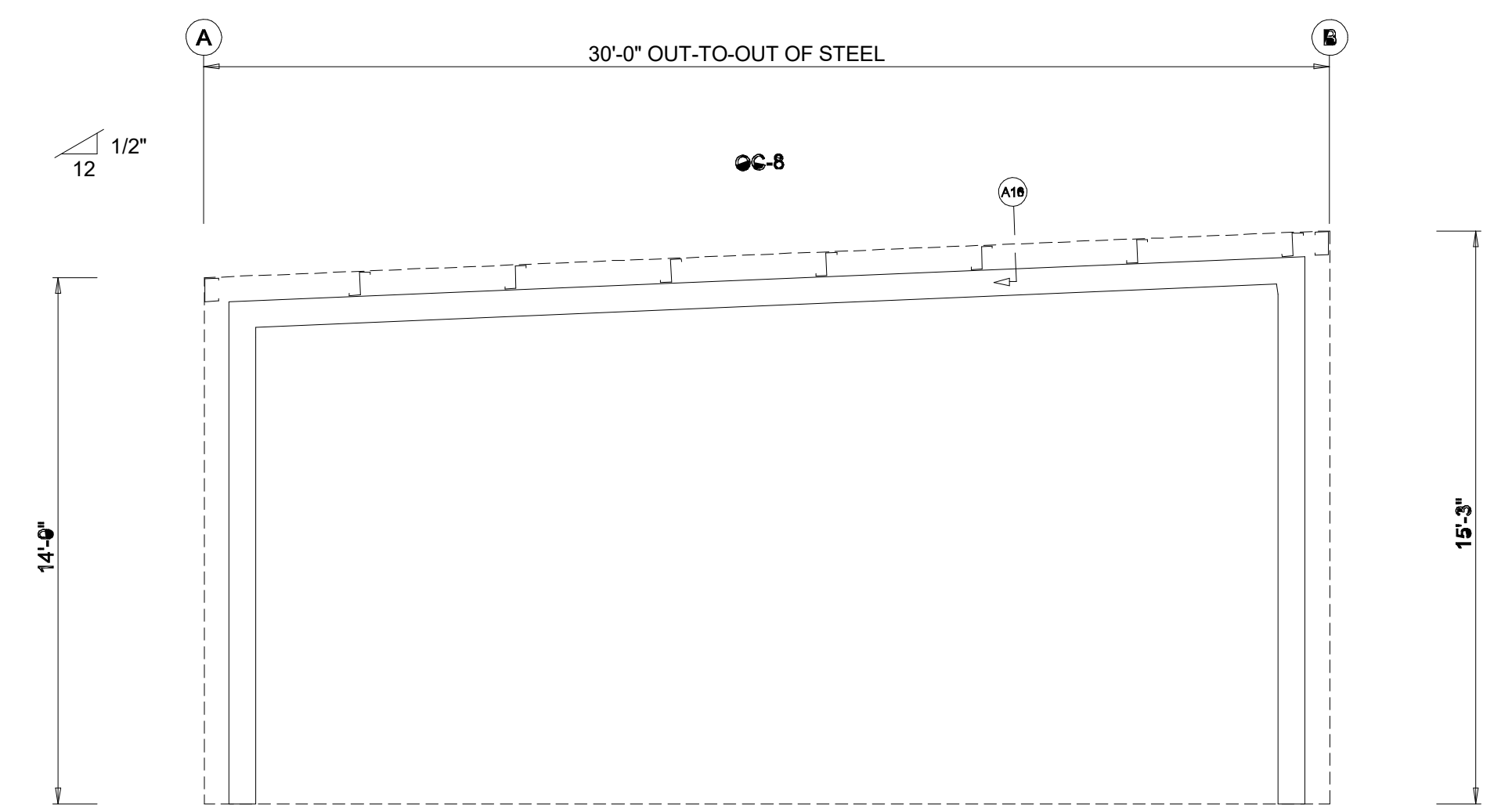




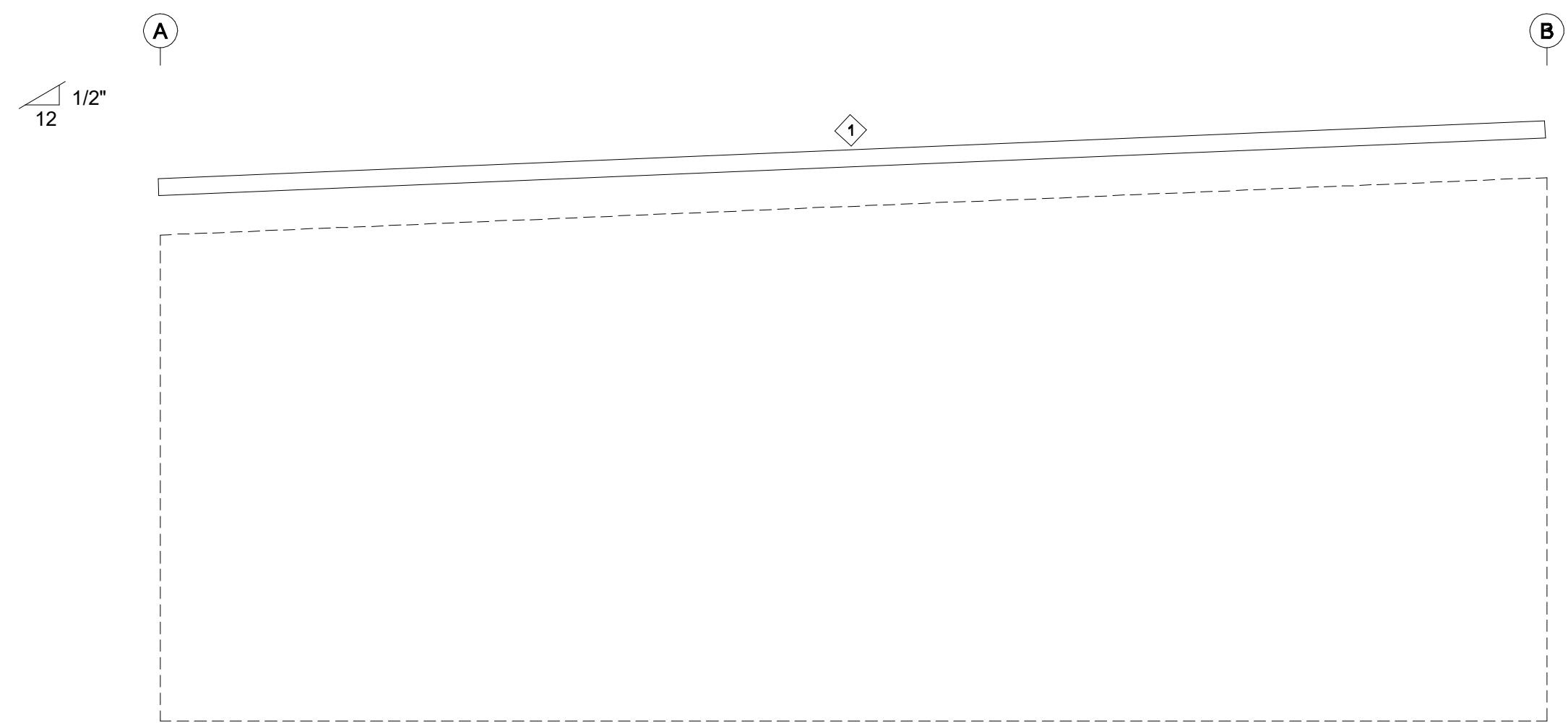
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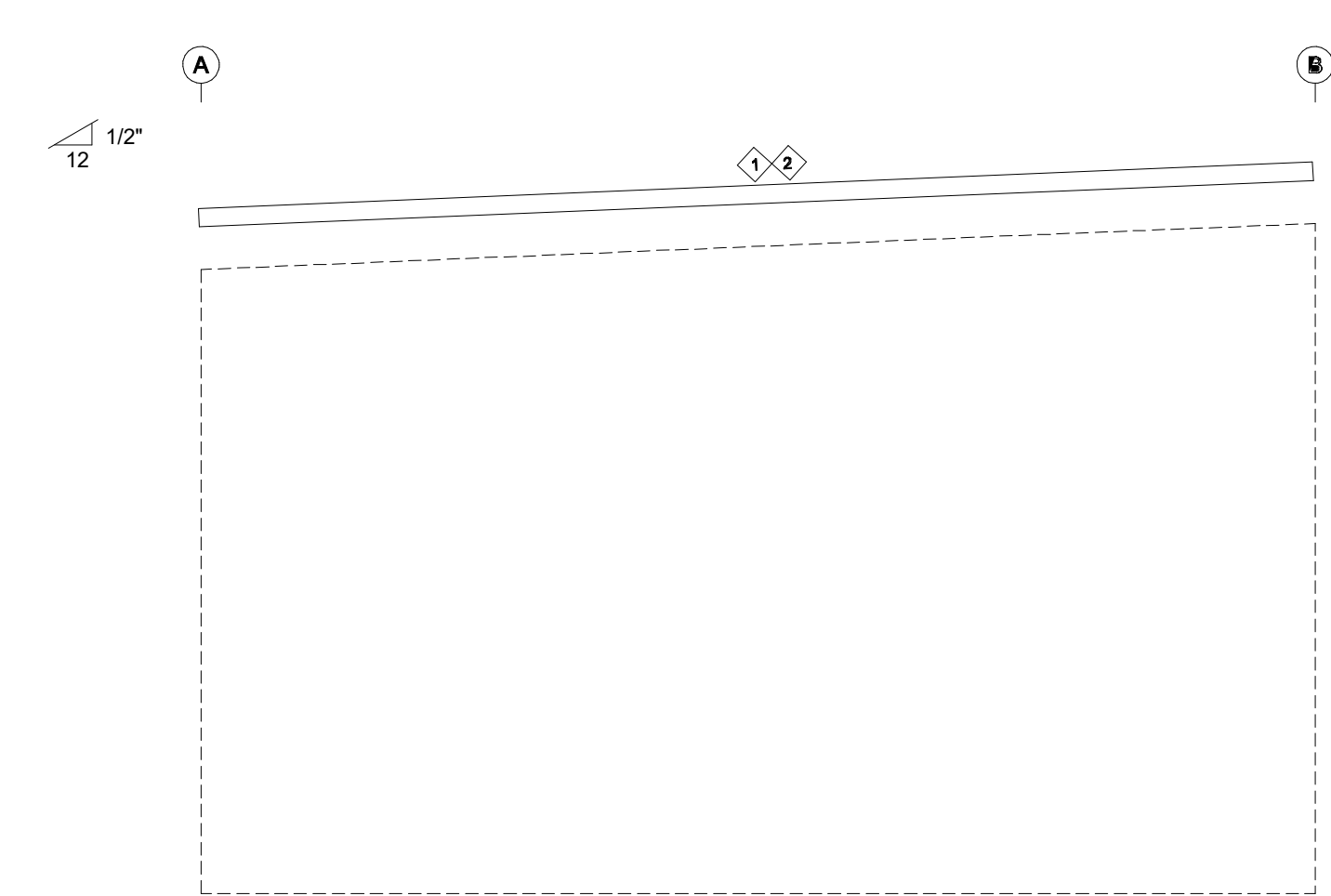
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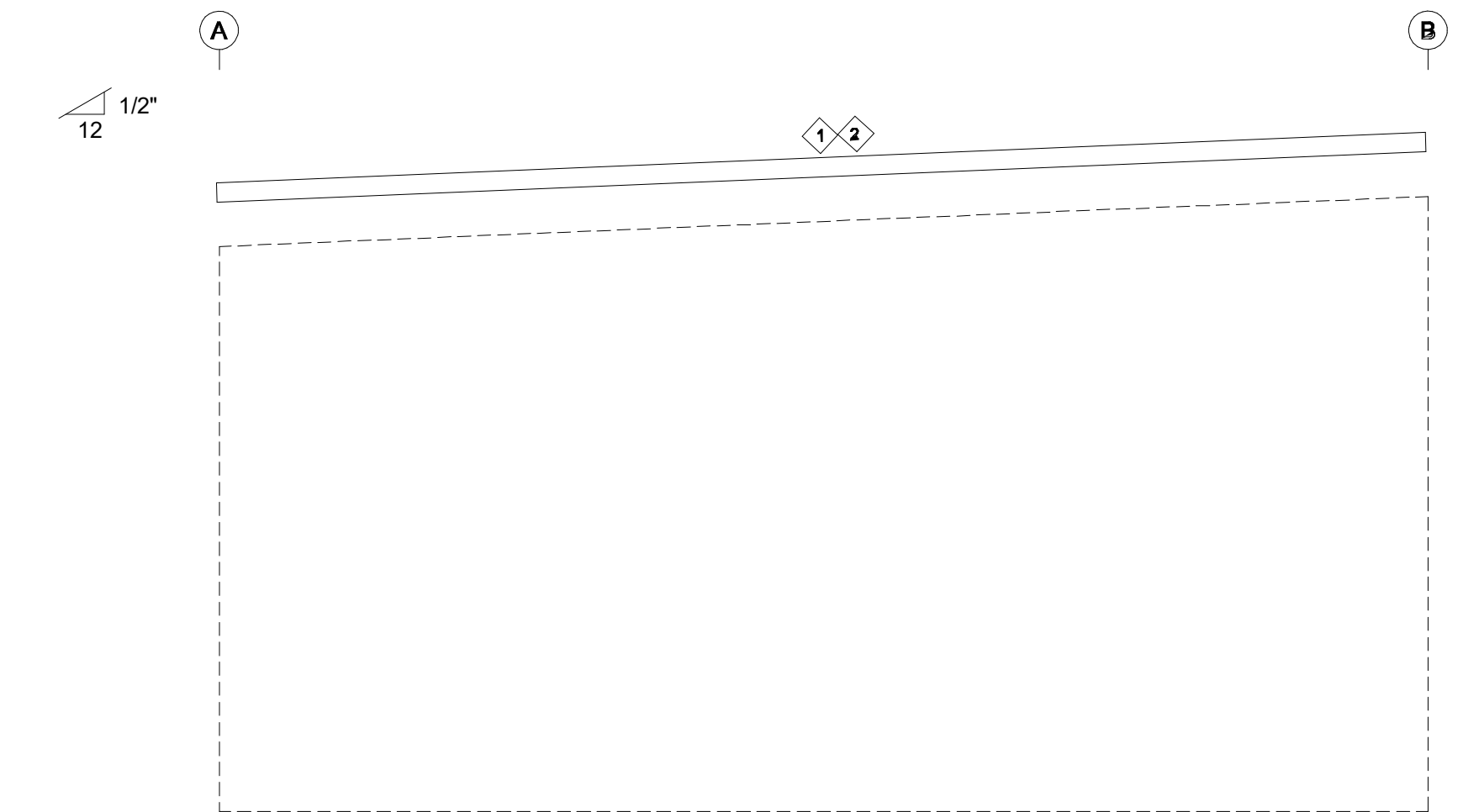
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LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

③ PARKING CANOPY
1/4" = 1'-0"

② GABLE
1/4" = 1'-0"

① FLOORS
1/4" = 1'-0"

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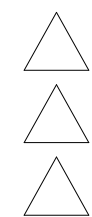
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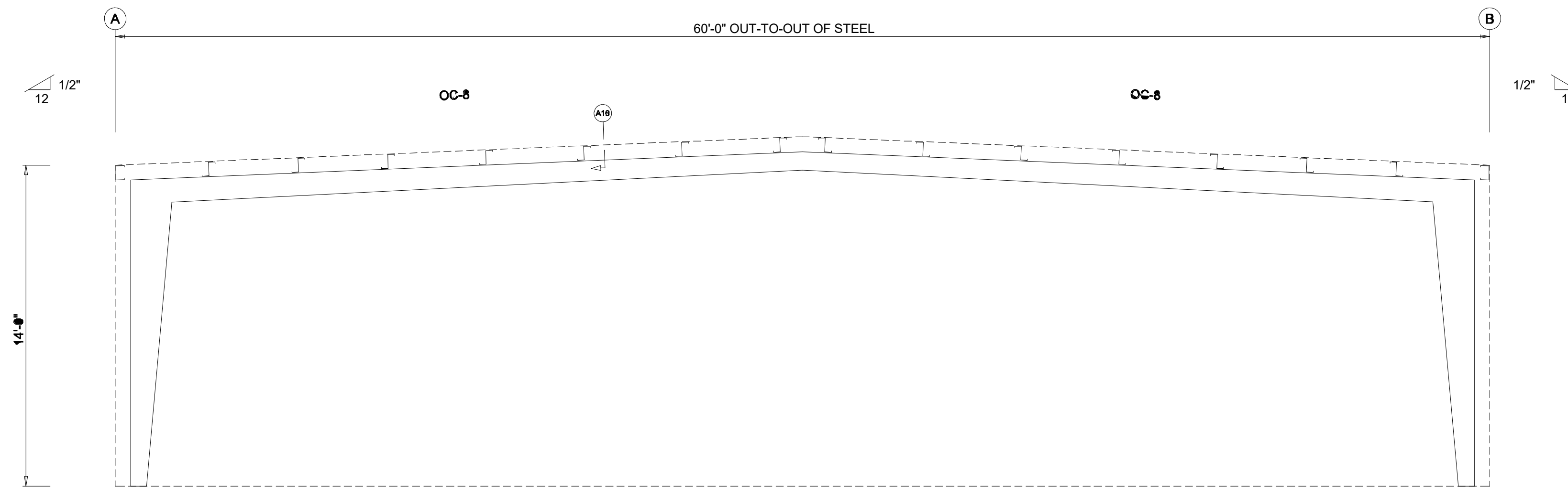
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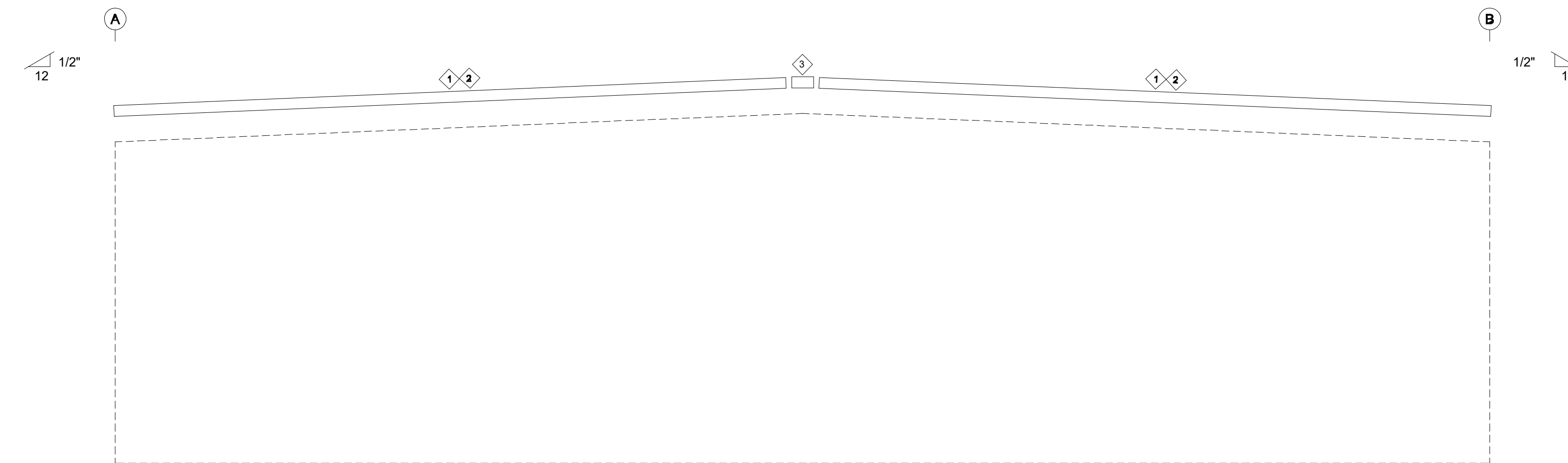
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LEFT ENDWALL FRAMING: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

① GENTRY 1
1/4" = 1'-0"

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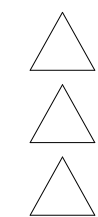
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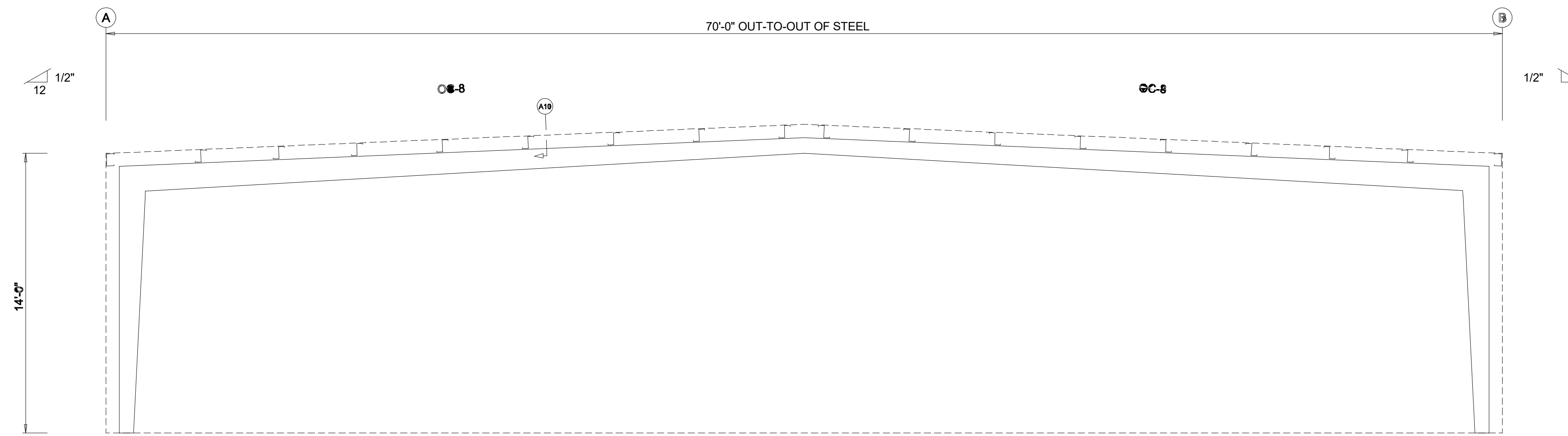
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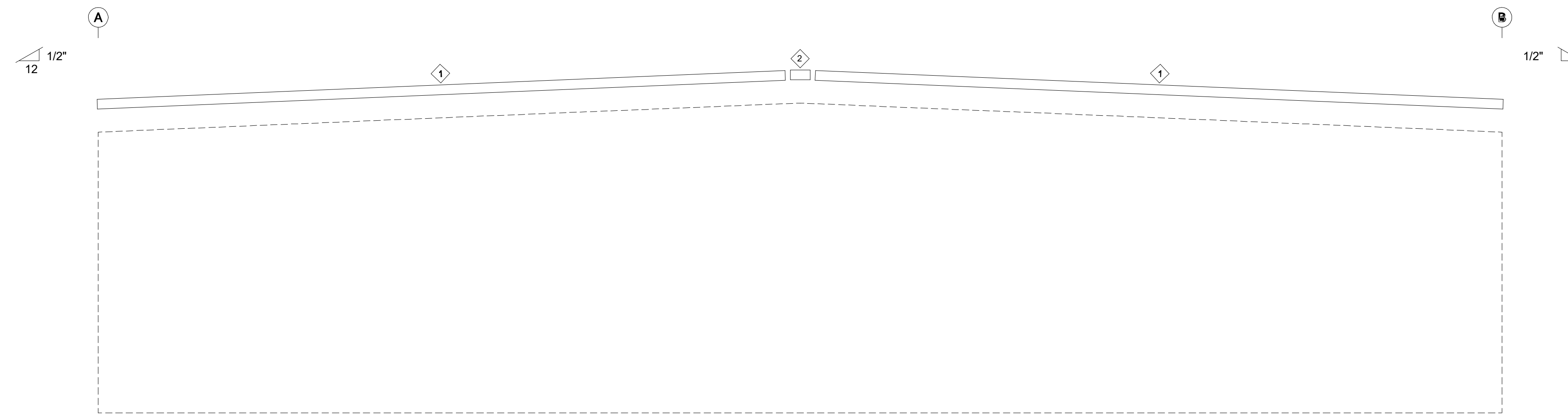
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LEFT ENDWALL FRAMING: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

① GANTRY 2
1/4" = 1'-0"

DESERT TRUSS EL MIRAGE

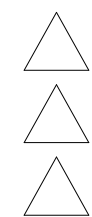
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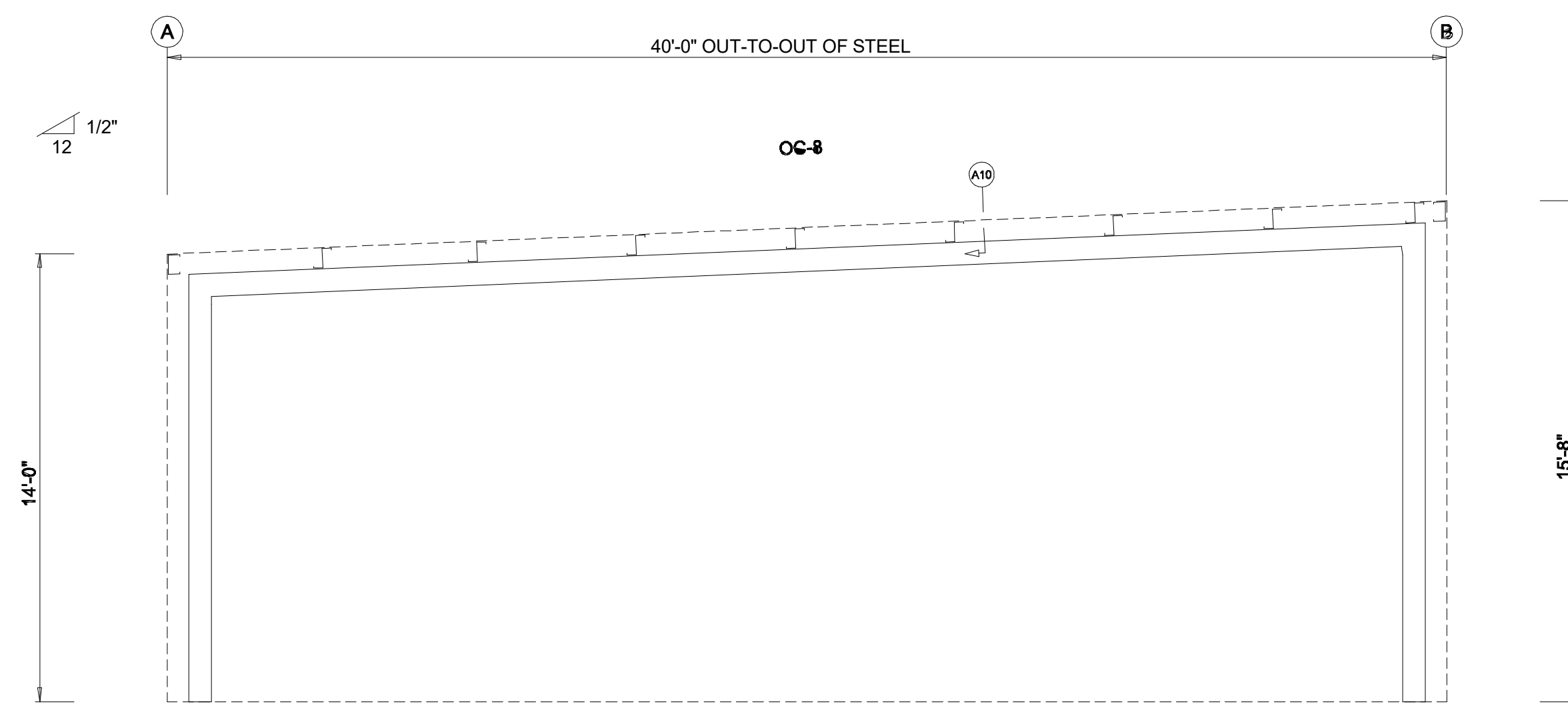


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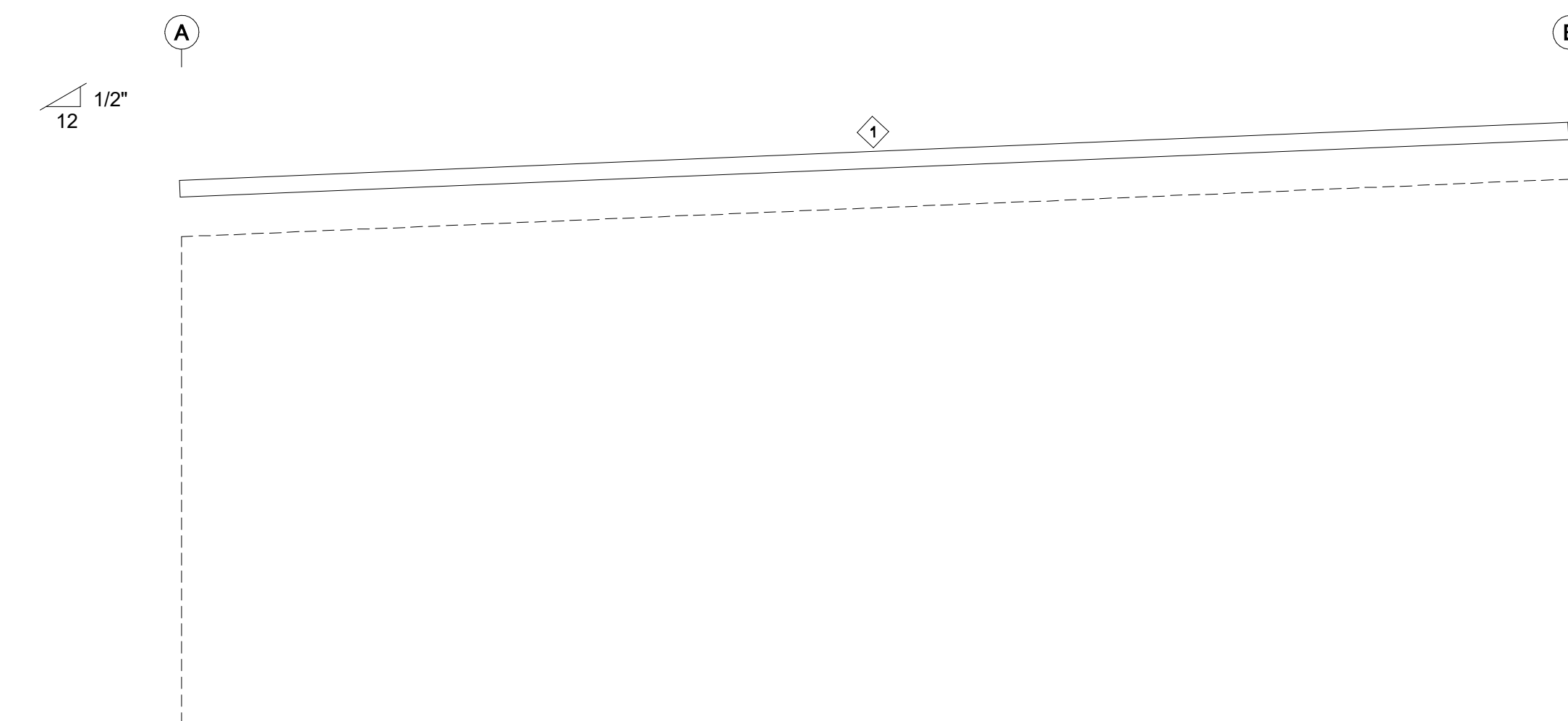
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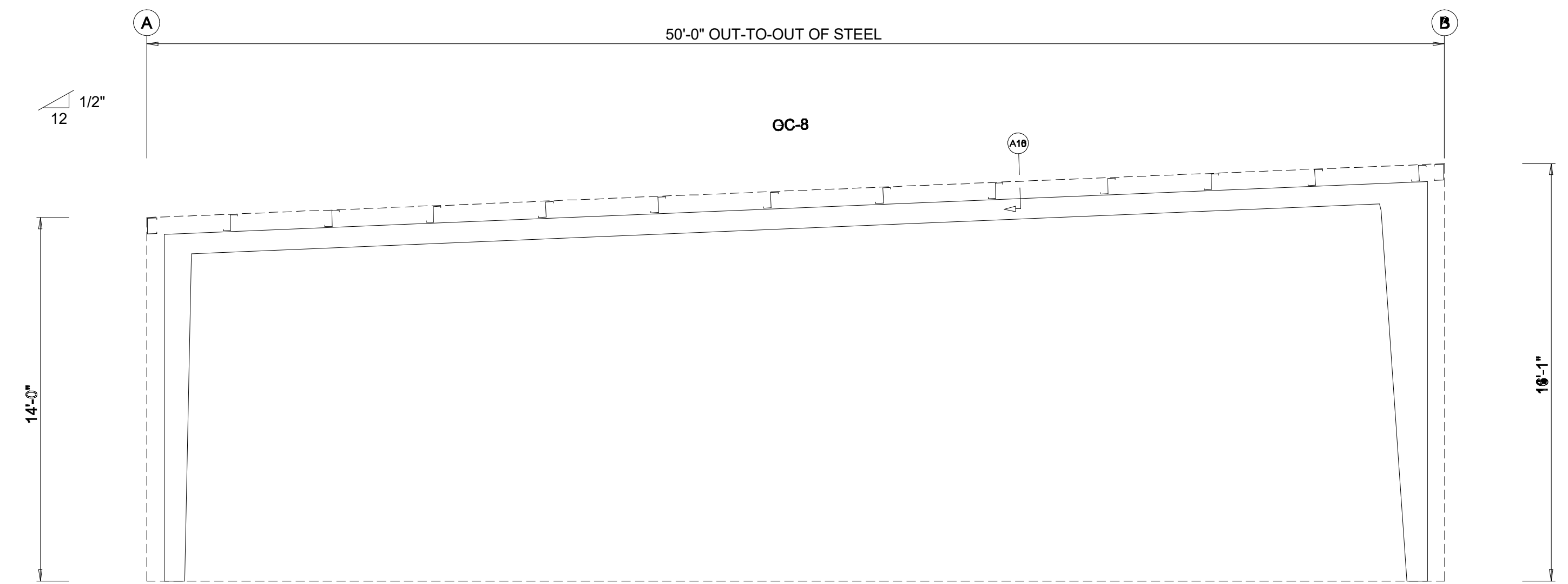


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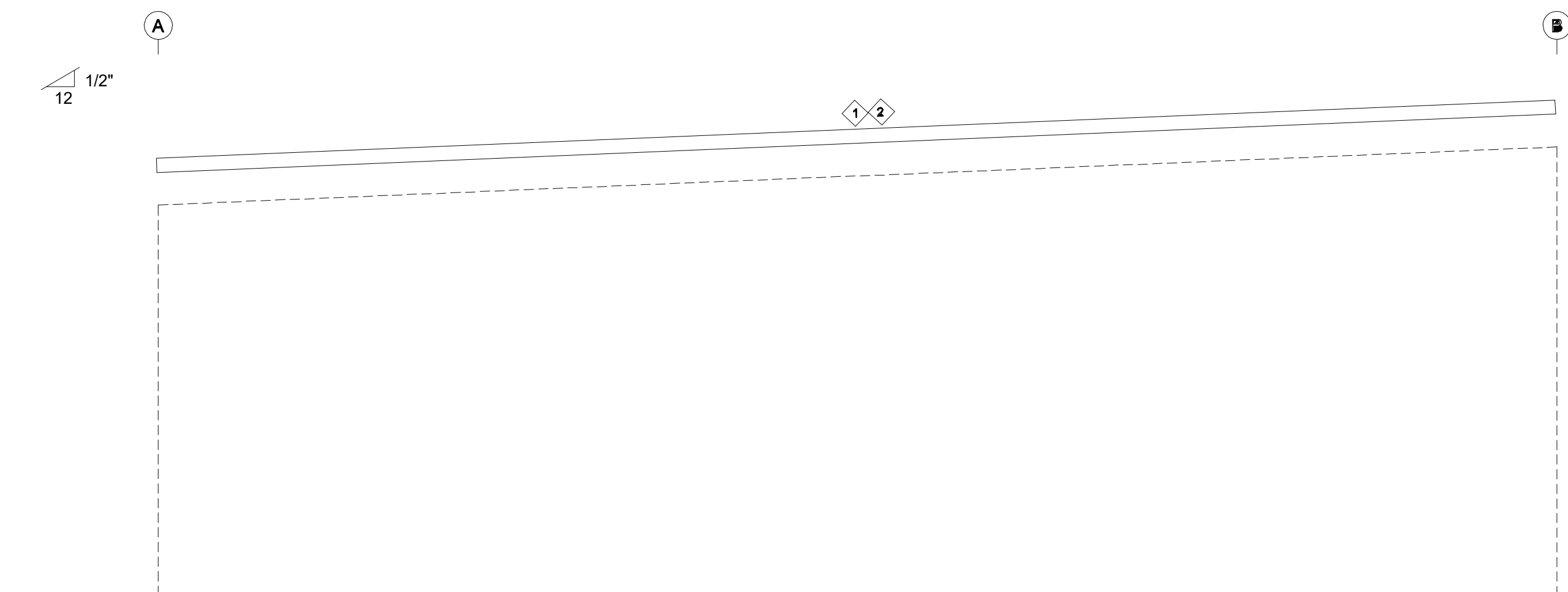


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② SAW
1/4" = 1'-0"



LEFT ENDWALL FRAMING: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

① GANTRY 3
1/4" = 1'-0"

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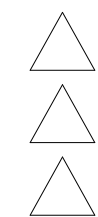
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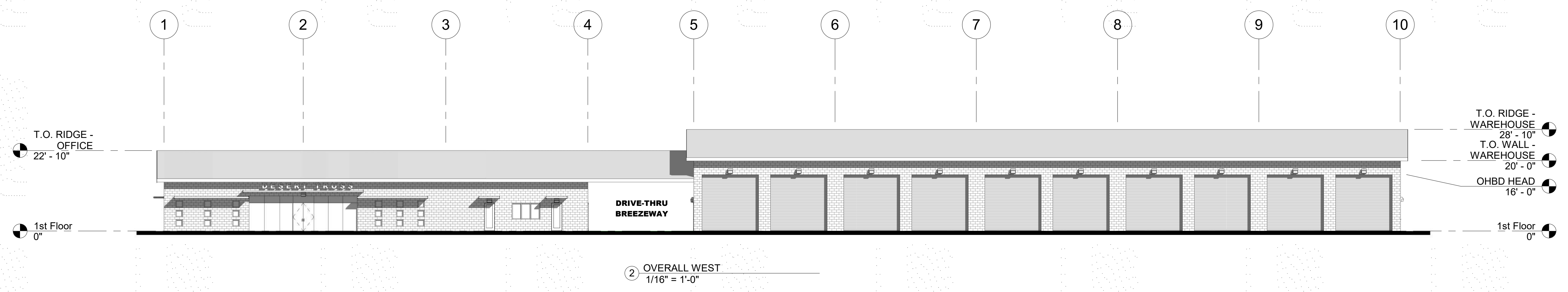
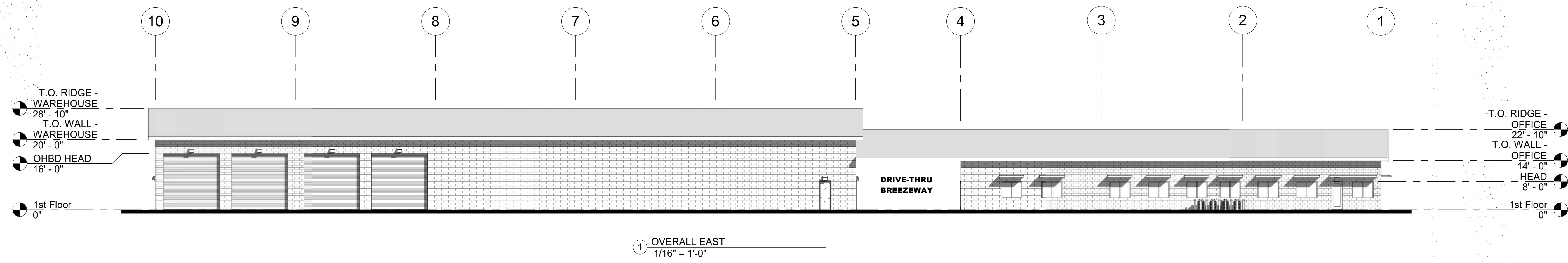
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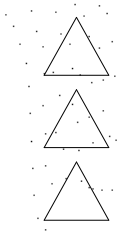
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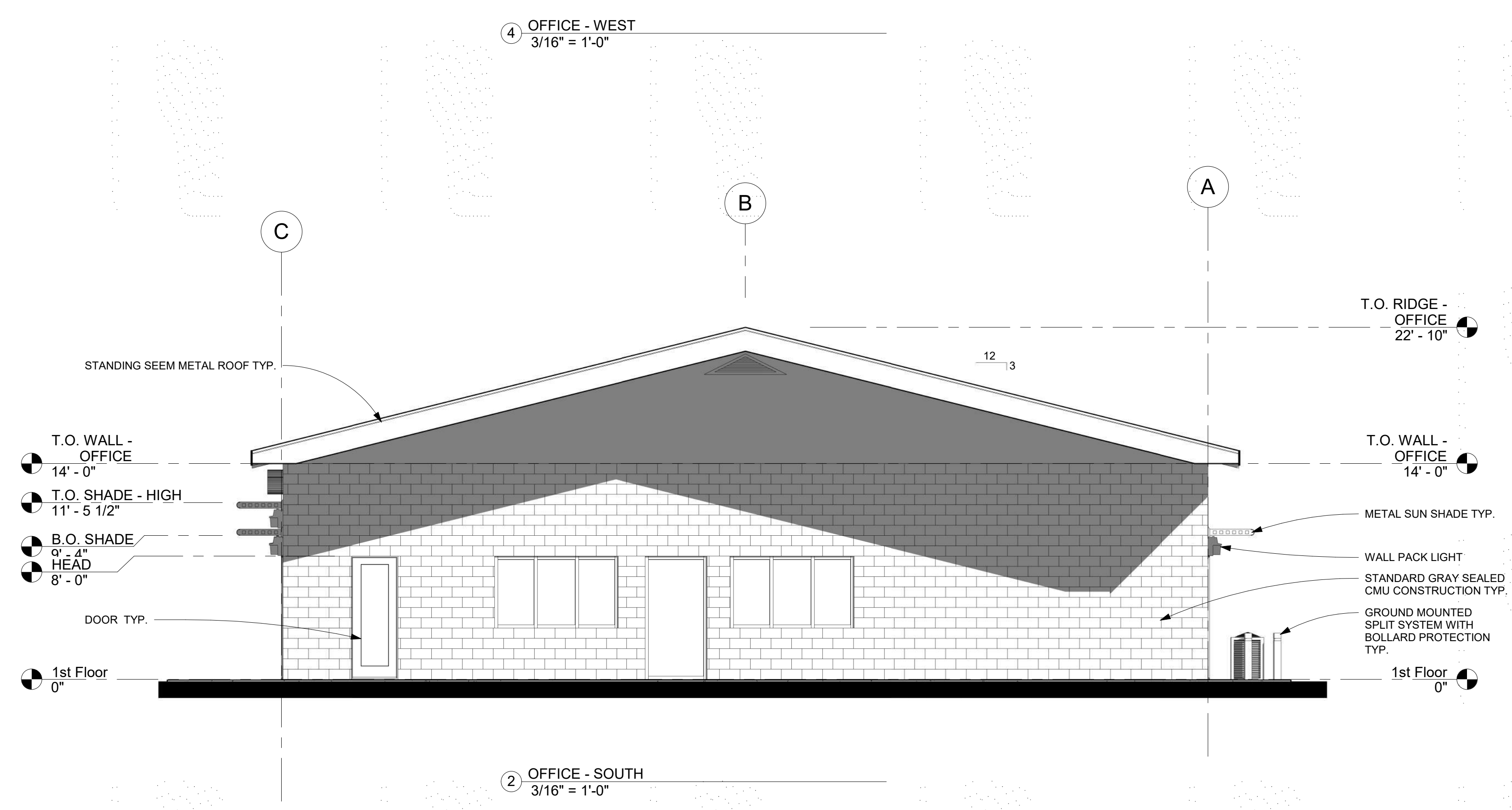
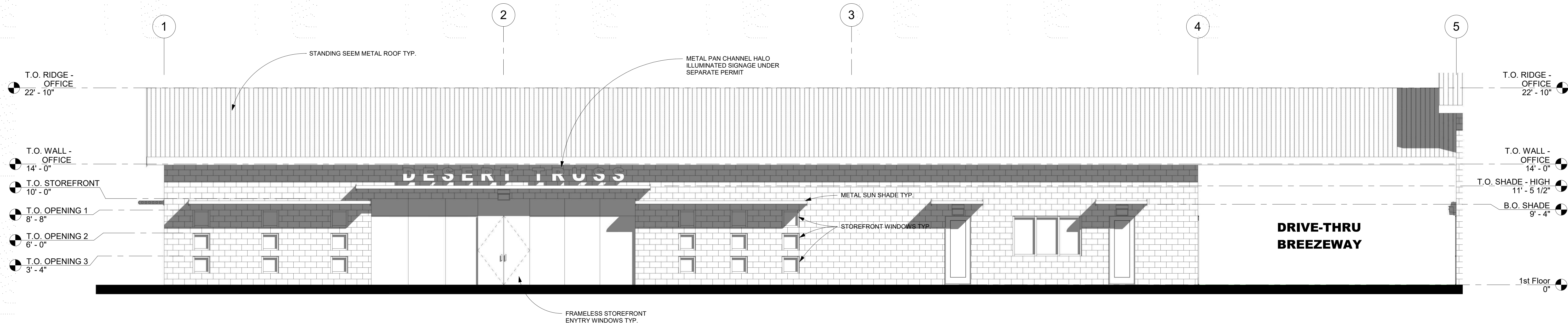


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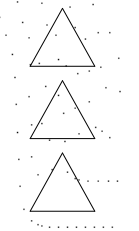
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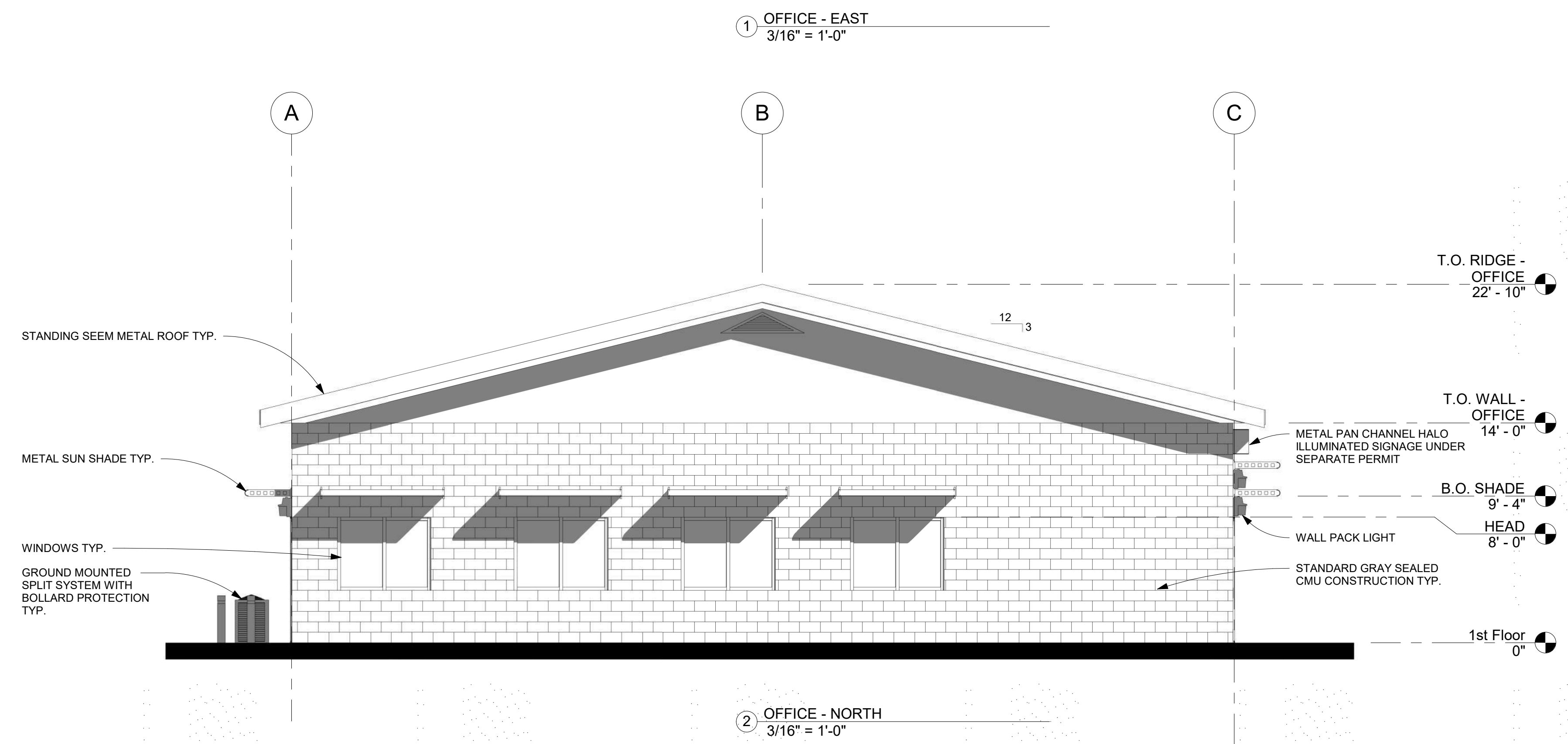
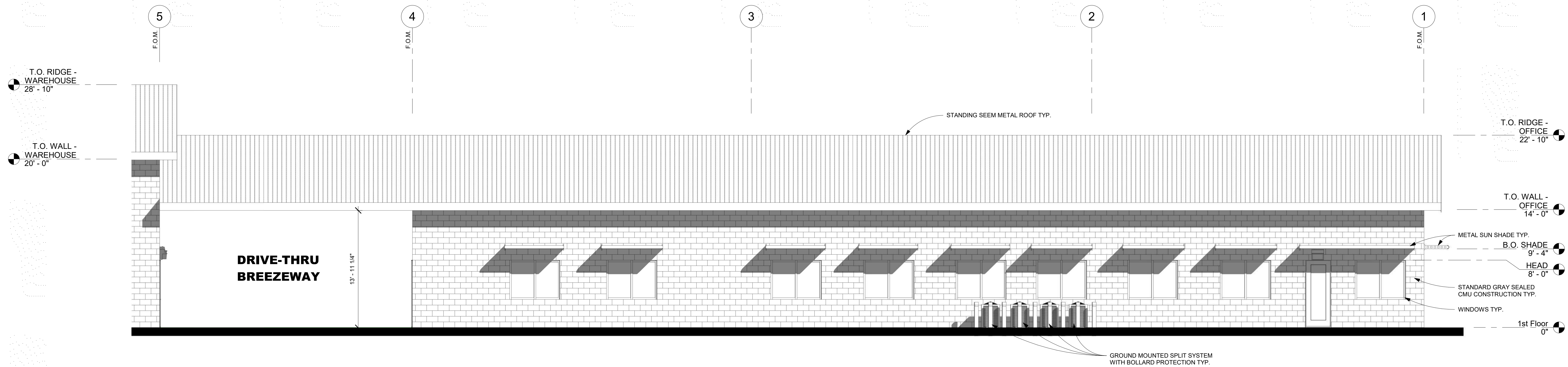
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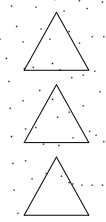
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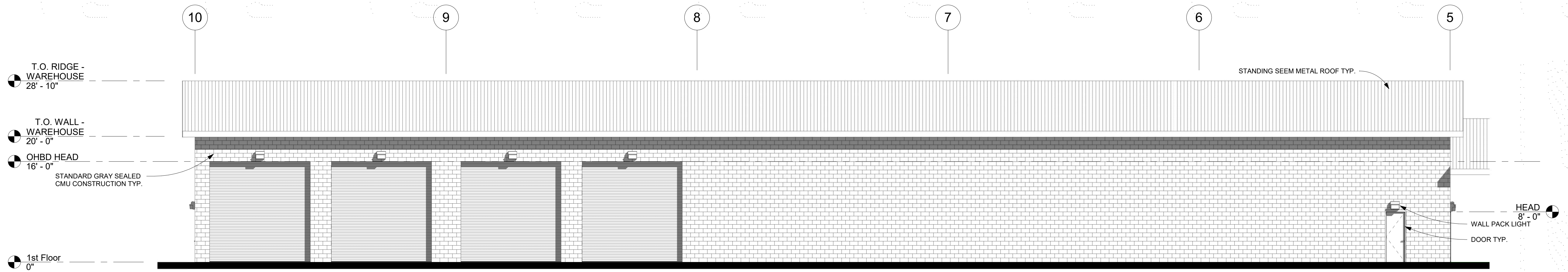
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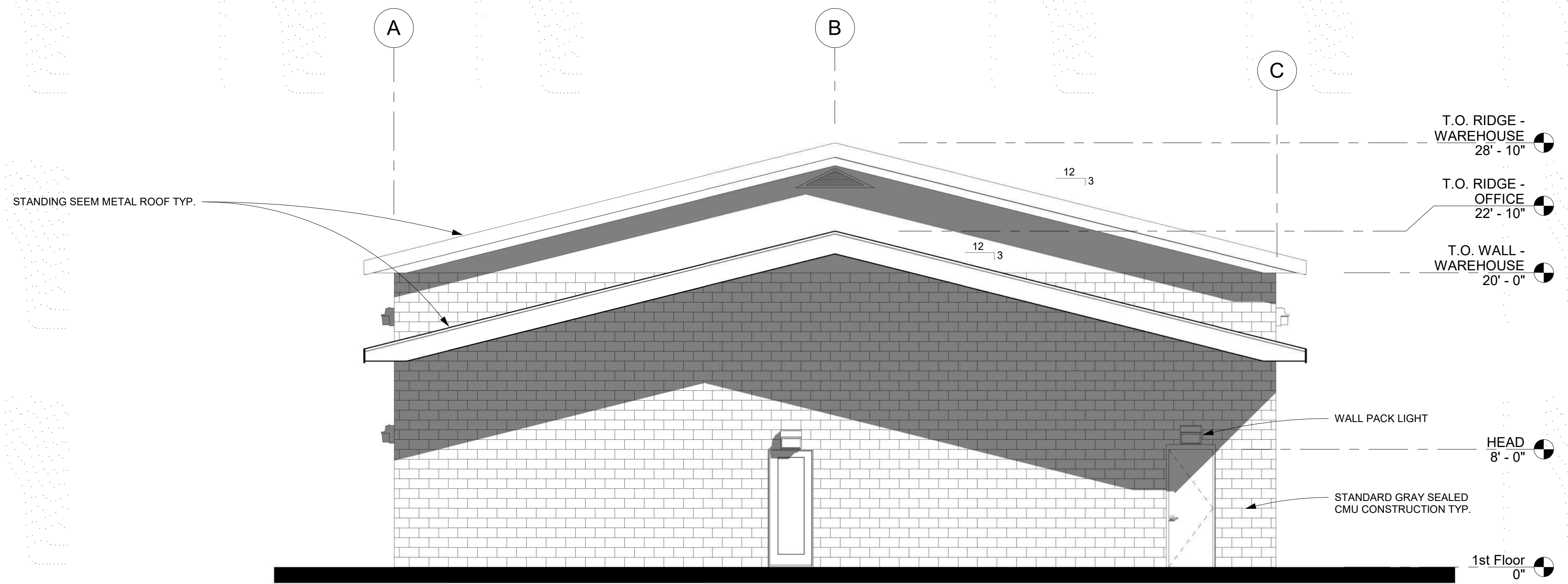
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1 WAREHOUSE - EAST
1/8" = 1'-0"



2 WAREHOUSE - NORTH
3/16" = 1'-0"

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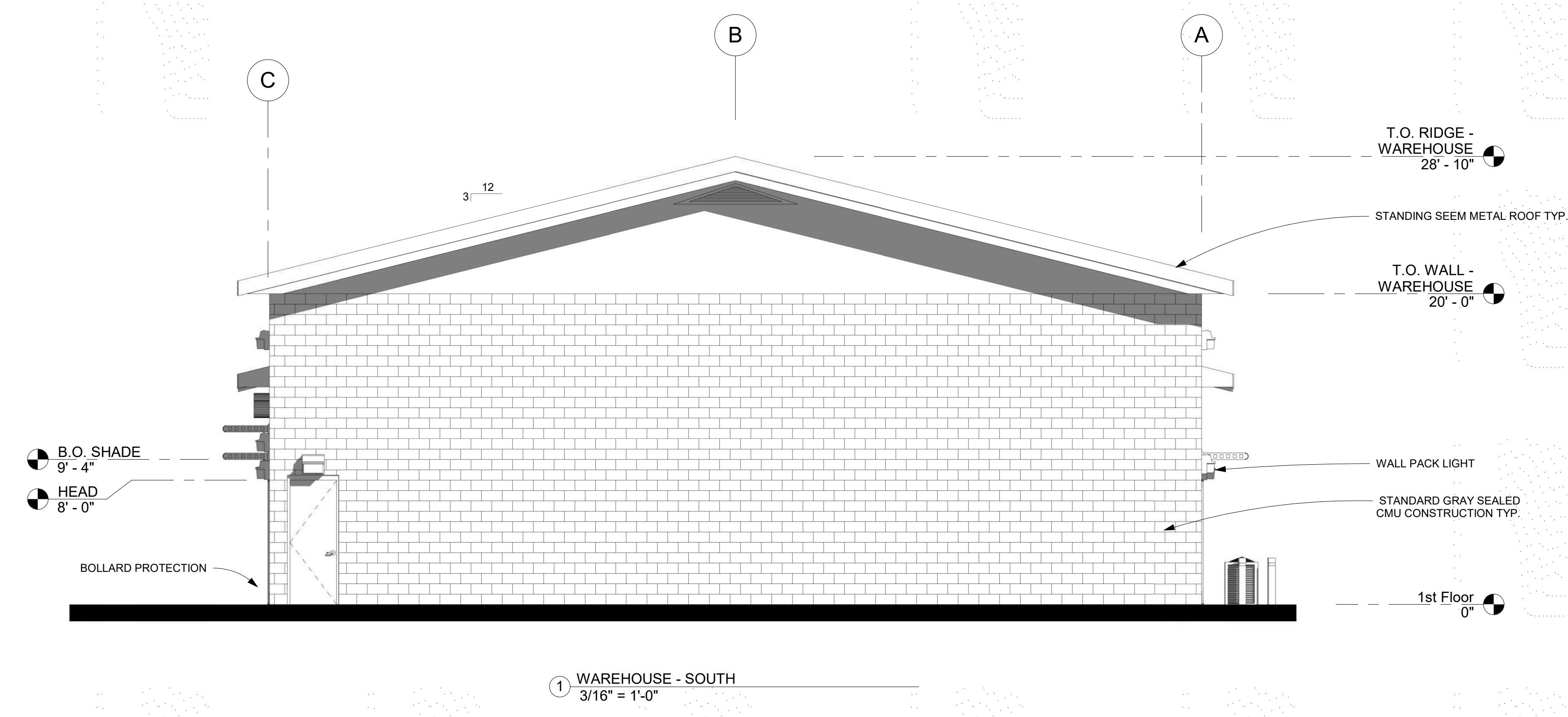
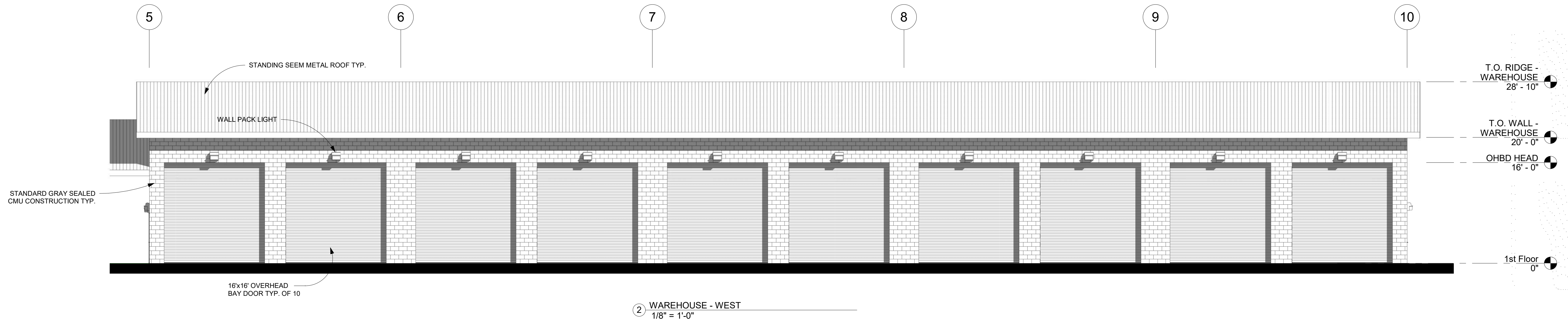
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DESIGN PLANNING 602.904.1315p ADAPTIVEAP@COX.NET

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REVISIONS





DESERT TRUSS EL MIRAGE

10100 N Dysart Road, El Mirage, Arizona 85335
DESERT TRUSS

SD 2.5d

Project No. 21-010.00 Date 08.04.2022

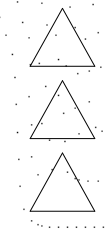
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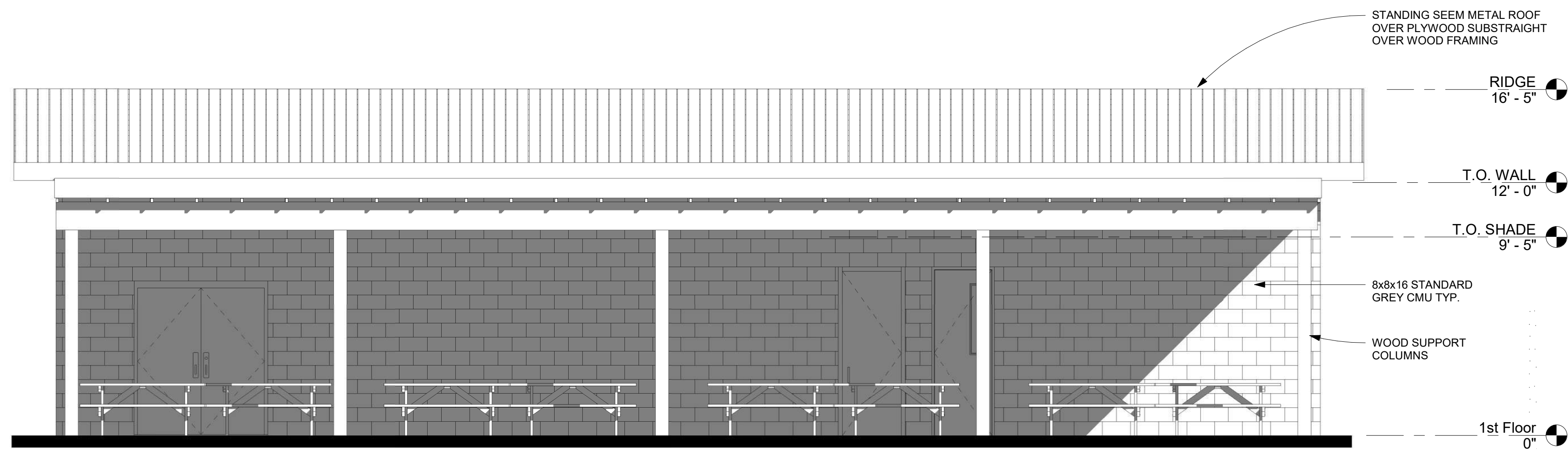
DESIGN REVIEW

Rob Burkhart Assoc. A.I.A.

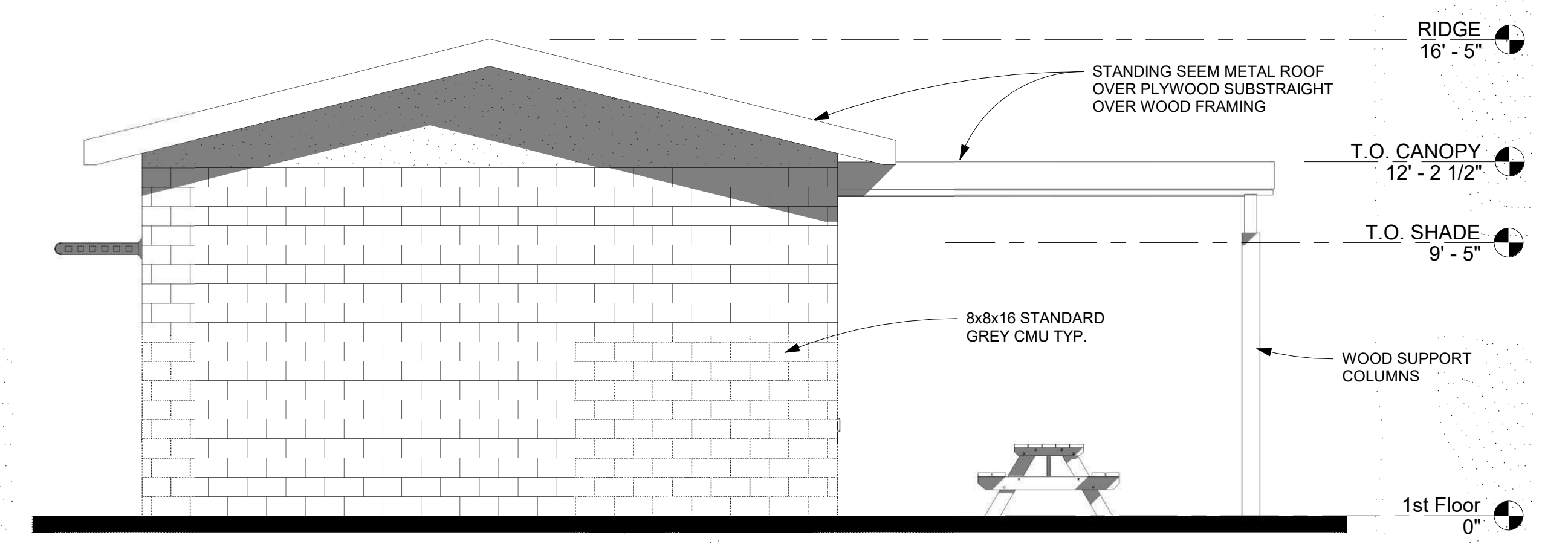
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REVISIONS

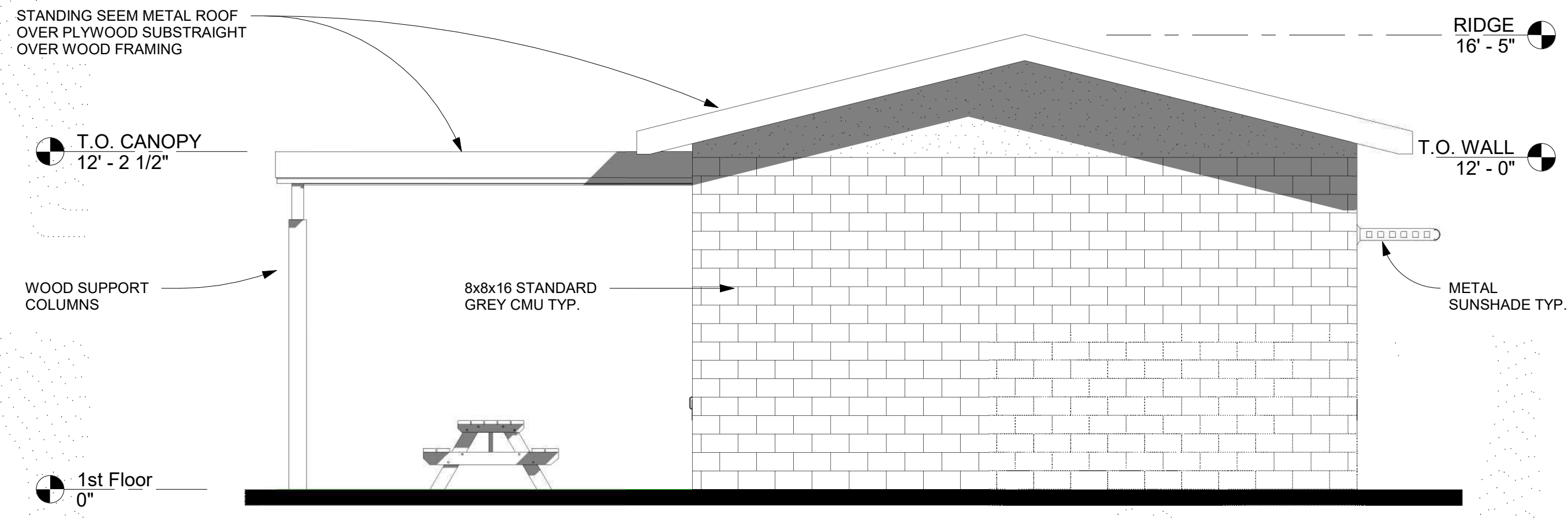




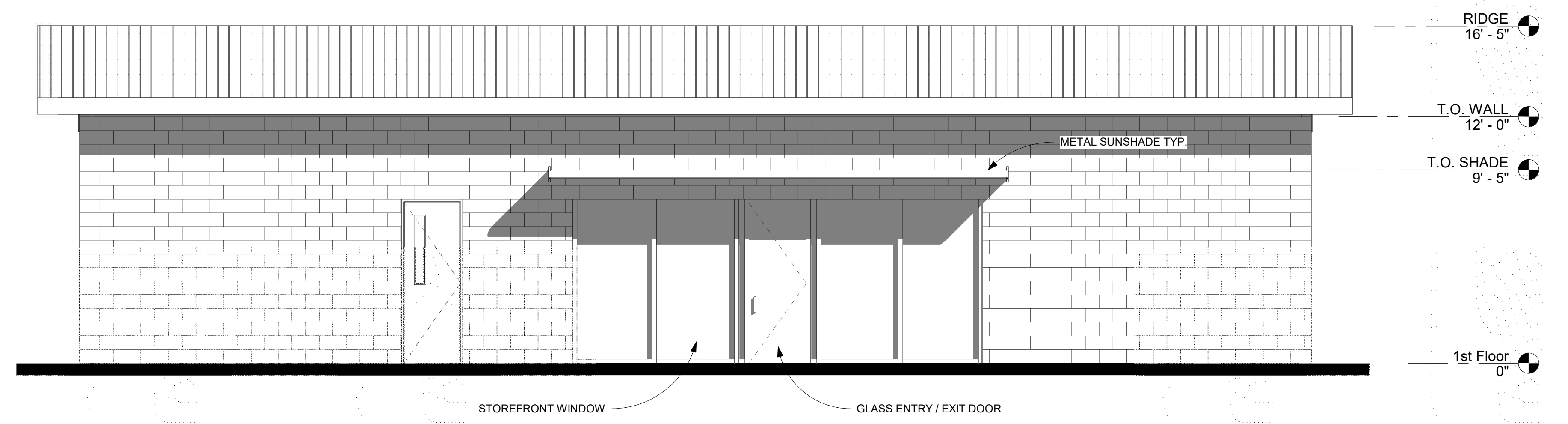
② NORTH
1/4" = 1'-0"



① EAST
1/4" = 1'-0"



④ WEST
1/4" = 1'-0"



③ SOUTH
1/4" = 1'-0"

DESERT TRUSS EL MIRAGE

10100 N Dysart Road, El Mirage, Arizona 85335

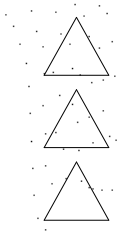
DESERT TRUSS

SD 2.6

Scale: AS NOTED

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DEVELOPMENT\REVIT - WORKING\BLDG 2 - BREAK BUILDING\DESERT TRUSS II - BREAKROOM BLDG - V1.1.rvt

REVISIONS

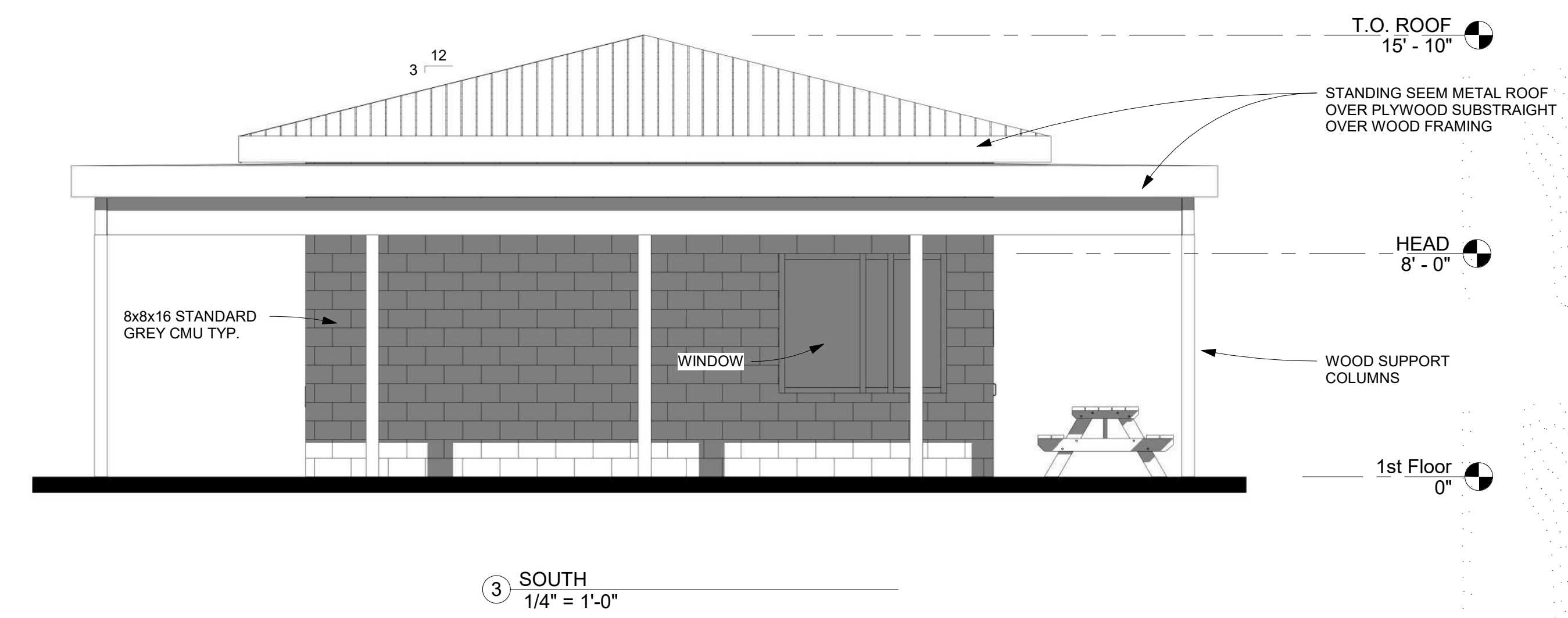
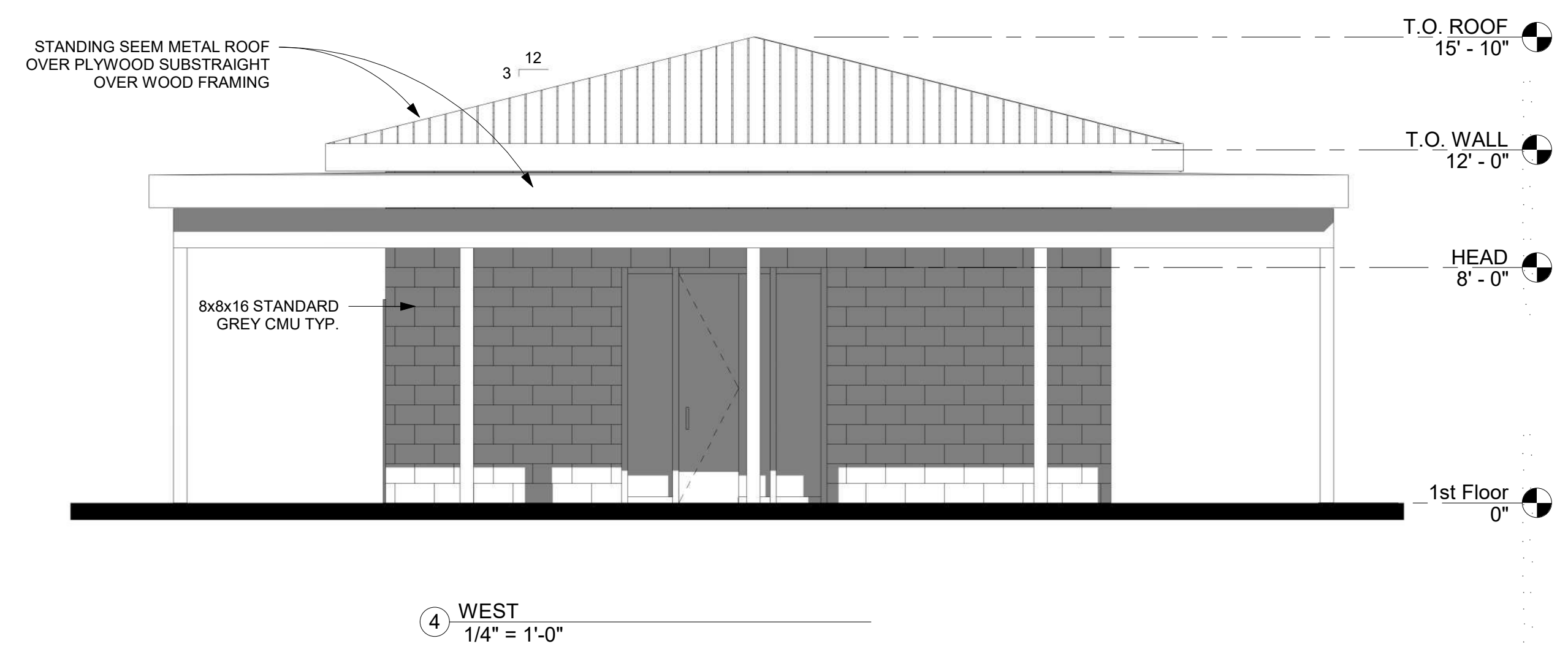
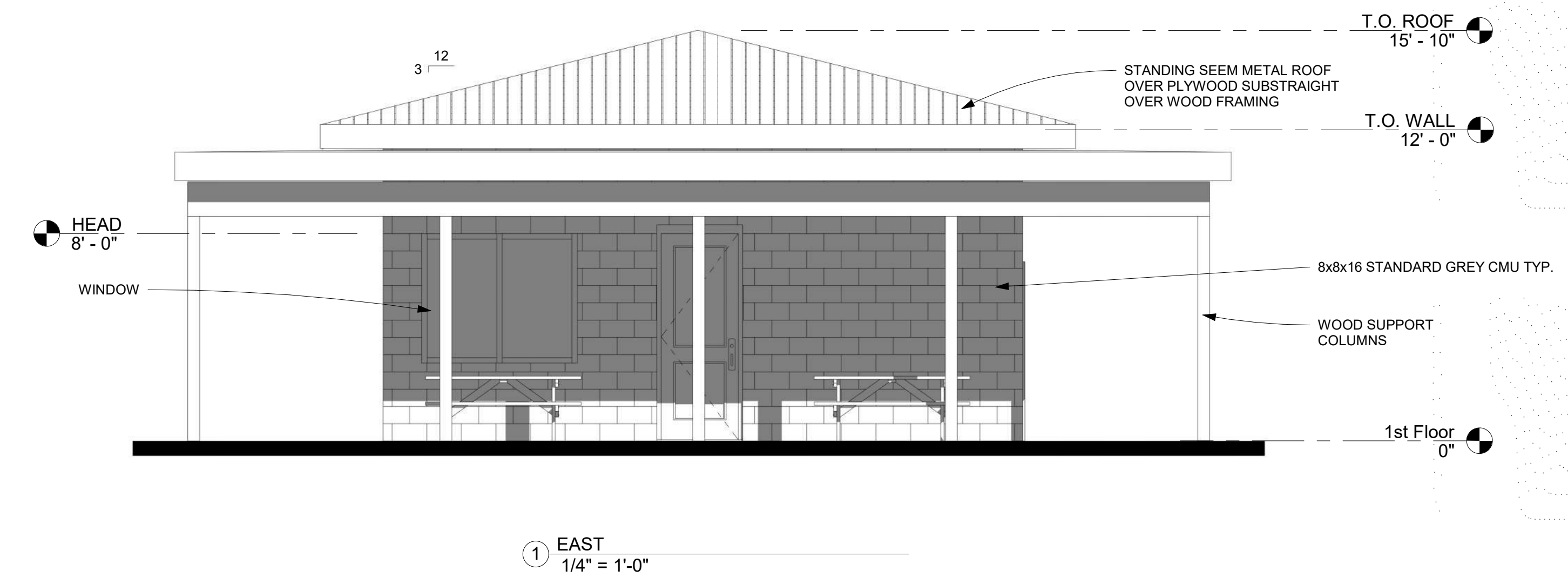
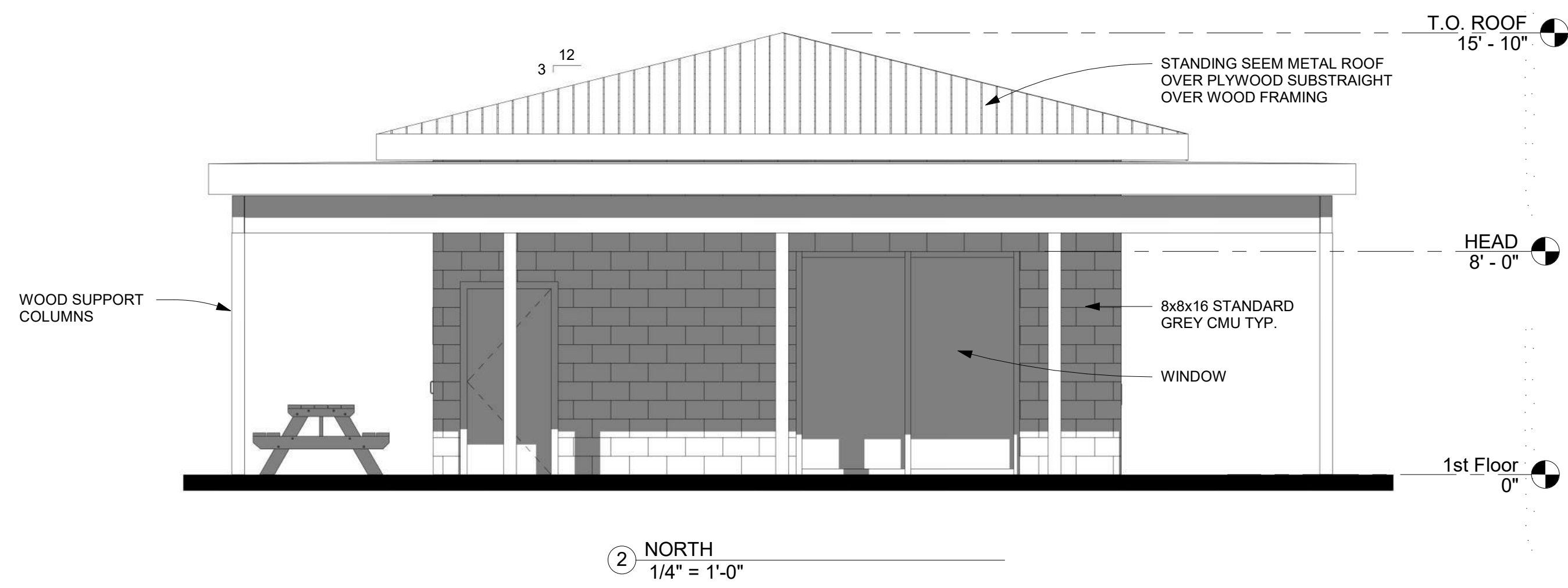


Project No. 21-010.00 Date 07.04.2022

CONCEPTUAL DESIGN

Rob Burkhart Assoc. A.I.A.

DESIGN PLANNING 602.904.1315p ADAPTIVEAP@COX.NET



DESERT TRUSS EL MIRAGE

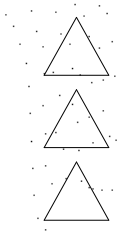
10100 N Dysart Road, El Mirage, Arizona 85335
DESERT TRUSS

SD 2.7

Scale: AS NOTED

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DEVELOPMENT\REVIT - WORKING\BLDG 3 - RAYS OFFICE\DESERT TRUSS II - RAYS OFFICE - V1.0.rvt

REVISIONS

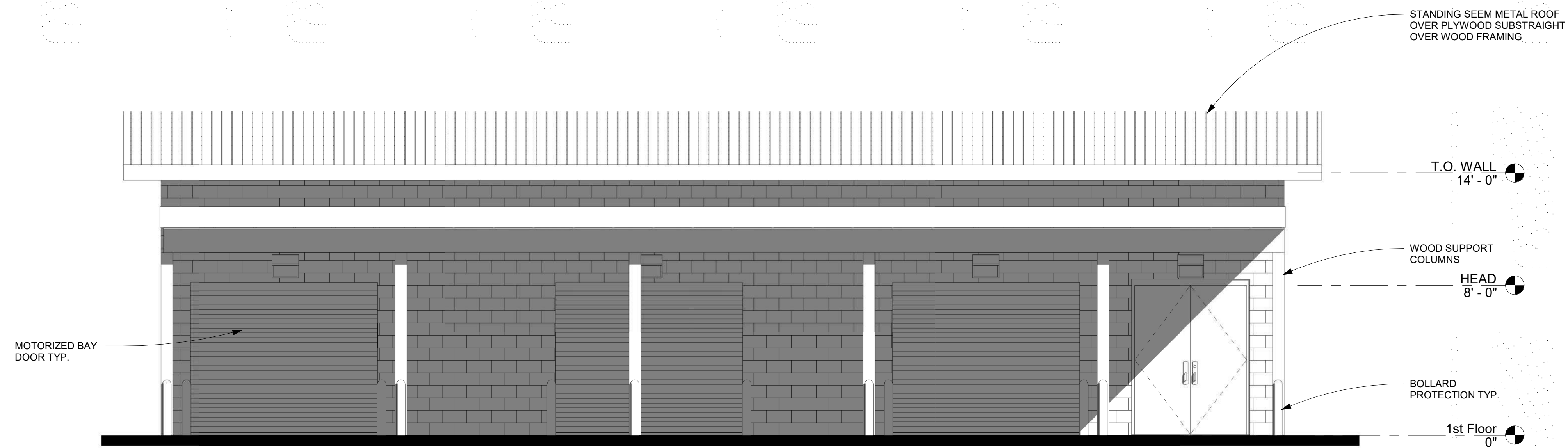


Project No. 21-010.00 Date 08.04.22

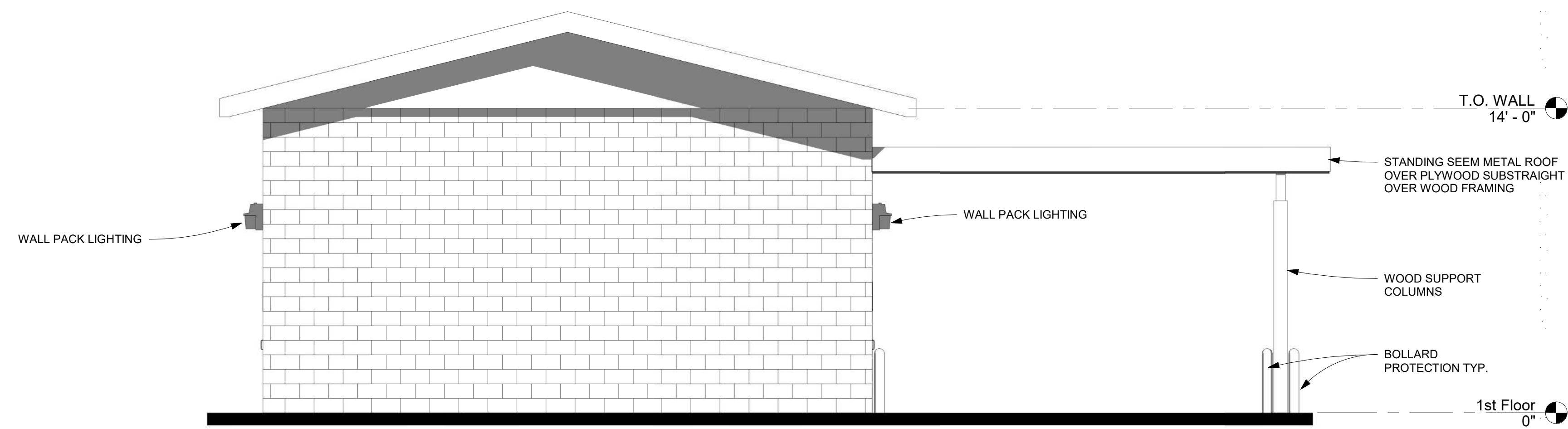
CONCEPTUAL DESIGN

Rob Burkhart Assoc. A.I.A.

DESIGN PLANNING 602.904.1315p ADAPTIVEAP@COX.NET



② NORTH
1/4" = 1'-0"



① EAST
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DESERT TRUSS EL MIRAGE

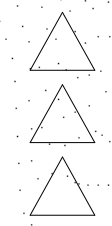
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DESERT TRUSS

SD2.8

Scale: AS NOTED

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REVISIONS

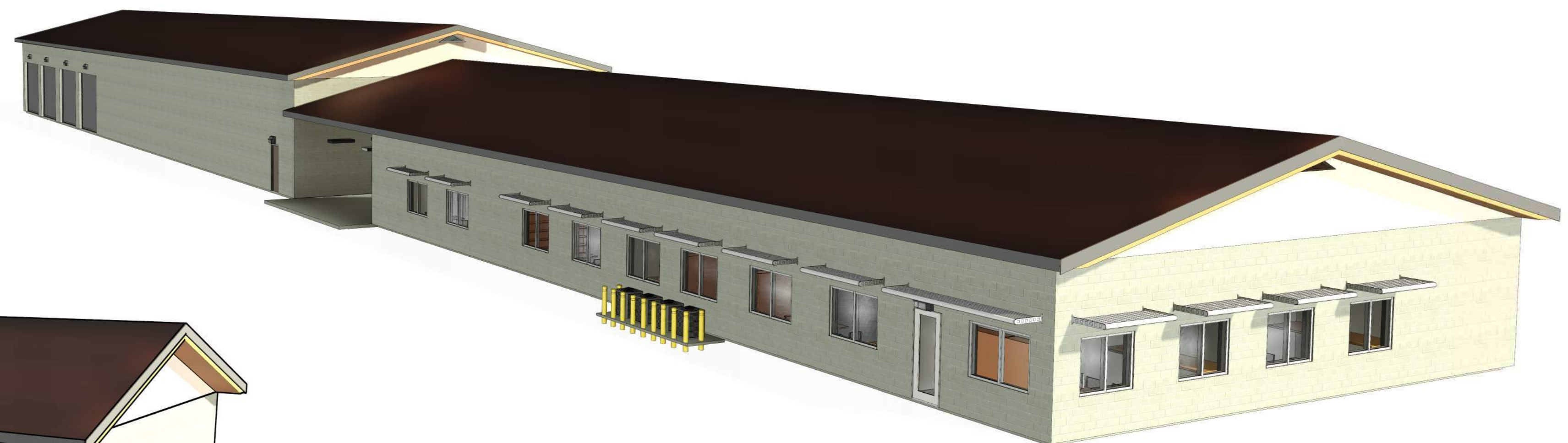


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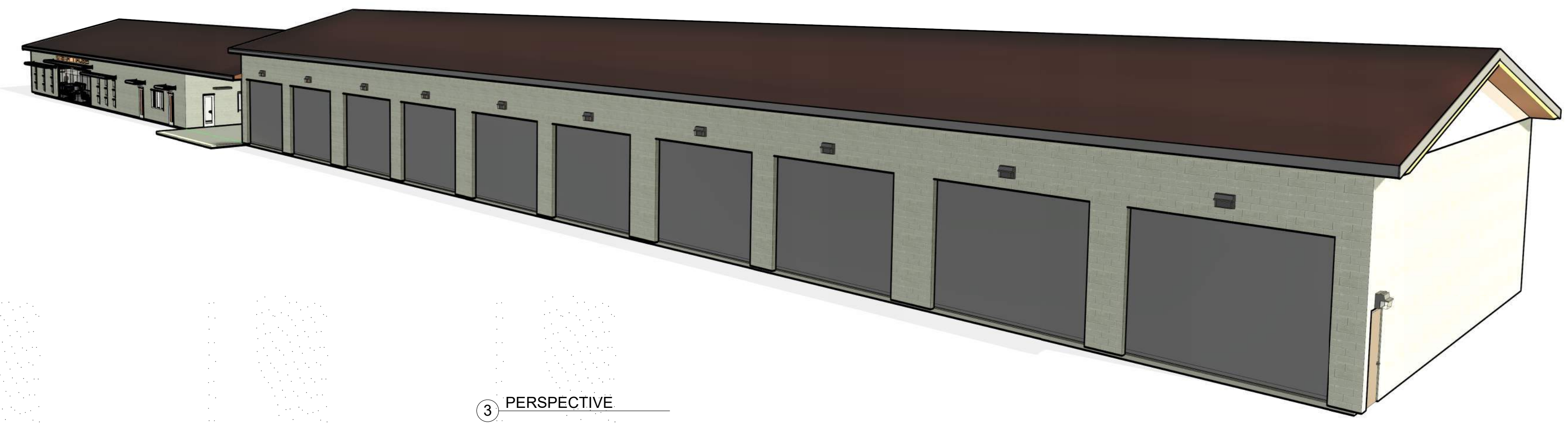
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Rob Burkhart Assoc. A.I.A.

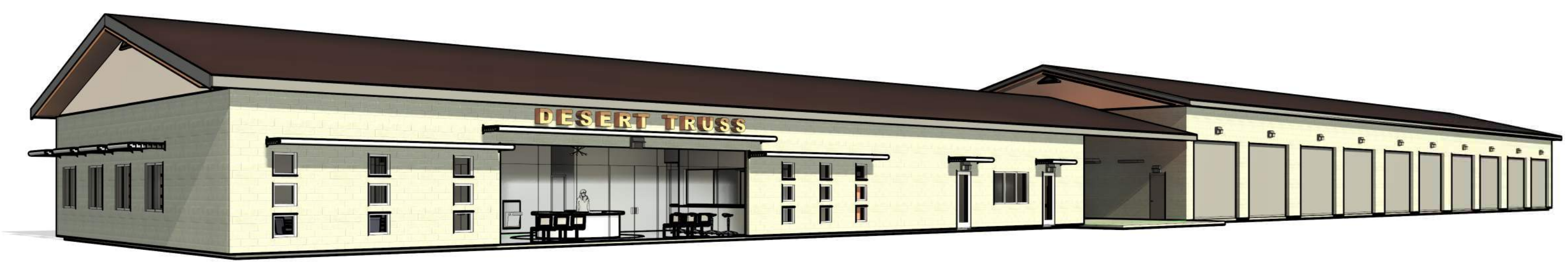
DESIGN PLANNING 602.904.1315p ADAPTIVEAP@COX.NET



① PERSPECTIVE



③ PERSPECTIVE



② PERSPECTIVE



④ PERSPECTIVE

DESERT TRUSS EL MIRAGE

10100 N Dysart Road, El Mirage, Arizona 85335
DESERT TRUSS

**NOT FOR
CONSTRUCTION**

SD5.0

Scale: AS NOTED

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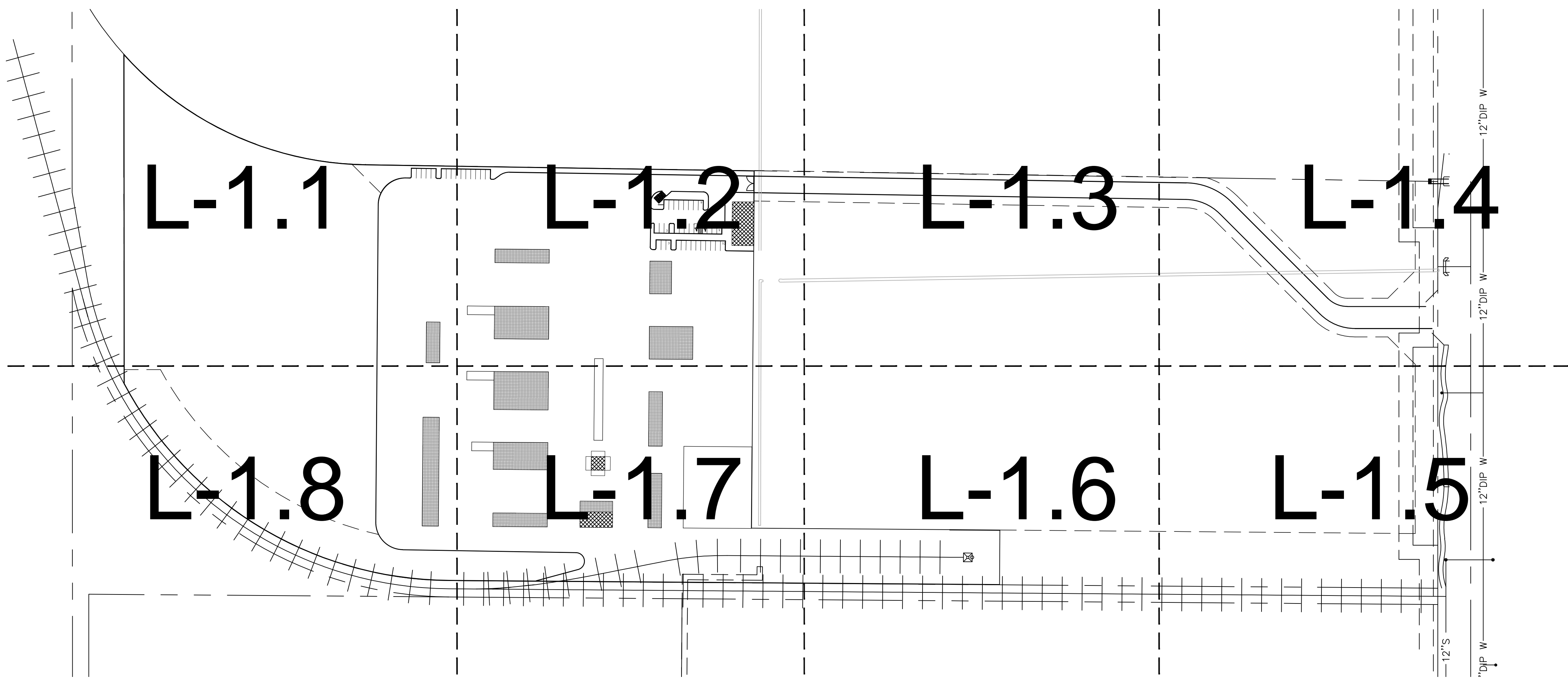
REVISIONS
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Project No. 21-010.00 Date 07.04.2022

CONCEPTUAL DESIGN

Rob Burkhart Assoc. A.I.A.

DESIGN PLANNING 602.904.1315p ADAPTIVEAP@COX.NET



LANDSCAPE SHEET INDEX

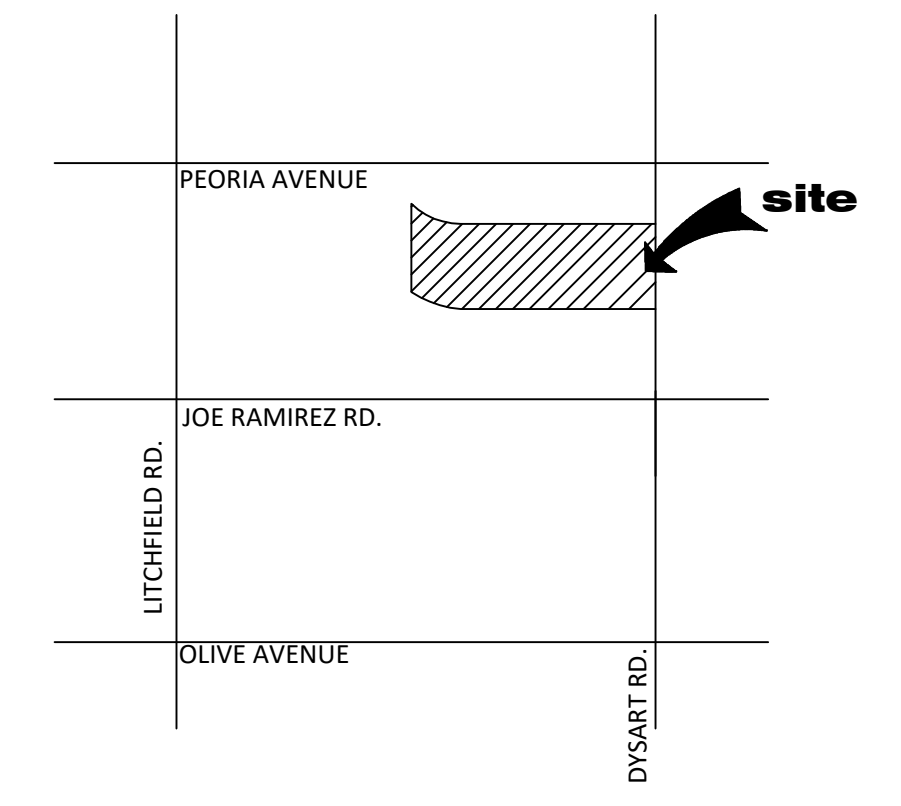
- L-1.0 LANDSCAPE COVER
- L-1.1 PLANTING PLAN
- L-1.2 PLANTING PLAN
- L-1.3 PLANTING PLAN
- L-1.4 PLANTING PLAN
- L-1.5 PLANTING PLAN
- L-1.6 PLANTING PLAN
- L-1.7 PLANTING PLAN
- L-1.8 PLANTING PLAN

Call at least two full working days before you begin excavation.

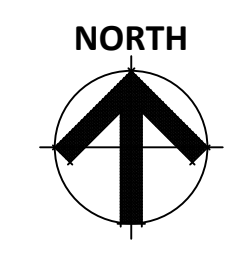
ARIZONA 811
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

APN = 509-18-968D
ZONING = PAD / L-1 LIGHT MANUFACTURING
GROSS AREA SITE = 1,794,020 SQ FT (41.185 ACRES)



VICINITY MAP
SCALE: N.T.S.



PROPOSED PLANT PALETTE

| TREES | SIZE/ COMMENTS/ QUANTITY |
|---|---|
| CERCIDIUM PRAECOX 'AZT #5' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
| PROSOPIS SEEDLESS HYBRID 'AZT' 'AZT' HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 19 QTY |
| PROSOPIS 'COOPERI' COOPERI HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 42 QTY |
| ACACIA ANEURA MULGA ACACIA | 24" BOX / LOW BREAKING / MATCHED / 8 QTY |
| ACACIA FARNESIANA SWEET ACACIA | 24" BOX / LOW BREAKING / MATCHED / 10 QTY |
| SHRUBS | |
| OLEA EUROPAEA 'LITTLE OLLIE' DWARF OLIVE | 5 GAL, 95 QTY |
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| BOUTELOUA GRACILIS BLONDE AMBITION GRAMA | 5 GAL, 76 QTY |
| RUELLIA PENINSULARIS BAJA RUELLIA | 5 GAL, 154 QTY |
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| LEUCOPHYLLUM LANGMANIAE RIO BRAVO SAGE | 5 GAL, 50 QTY |
| TECOMA STANS 'ESPERANZA' TECOMA 'GOLD STAR' | 5 GAL, 16 QTY |
| GROUNDCOVERS | |
| ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH | 1 GAL, 125 QTY |
| A LANTANA 'NEW GOLD' TRAILING YELLOW LANTANA | 1 GAL @ 3' O.C., 221 QTY |
| B EREMOPHILA GLABRA OUTBACK SUNRISE EMU | 1 GAL @ 3' O.C., 385 QTY |
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| INERT MATERIALS | |
| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

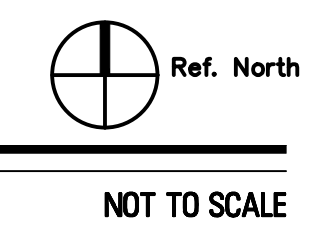
GENERAL NOTES

- ALL PLANTING AREAS TO HAVE TOP DRESSING OF DECOMPOSED GRANITE, SIZE & COLOR AS SPECIFIED, 2" DEPTH TYP. APPLIED OVER PRE-EMERGENT PER MFG. SPECS, 2 APPLICATIONS, MIN.
- VERIFY ALL CONDITIONS IN FIELD PRIOR TO BIDDING/ INSTALLATION. DISCREPANCIES SHALL BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION IN WRITING.
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- L/S ARCHITECT TO APPROVE ALL TREES PRIOR TO DELIVERY TO SITE.
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- ALL UNDERGROUND CONDUITS/PIPES/UTILITIES ARE TO BE LOCATED PRIOR TO DIGGING.
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- ANY EXISTING PLANT MATERIAL NOT SHOWN TO REMAIN IS TO BE REMOVED BY CONTRACTOR.

EL MIRAGE GENERAL LANDSCAPE NOTE

- ALL AREAS NOT BEING USED FOR PARKING, STORAGE, OR PLAYGROUND SHALL BE LANDSCAPED FOR DUST AND WEED GROUND COVERING.

LANDSCAPE COVER – SHEET INDEX



DESERT TRUSS WEST

10100 N. DYSART RD.
EL MIRAGE, ARIZONA 85335

G.K. FLANAGAN ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
PLANNING

4826 N. 44th STREET PHOENIX, AZ 85018
602 . 912 . 9891 tel
602 . 912 . 9883 fax



revisions:

date: **06.28.2022**

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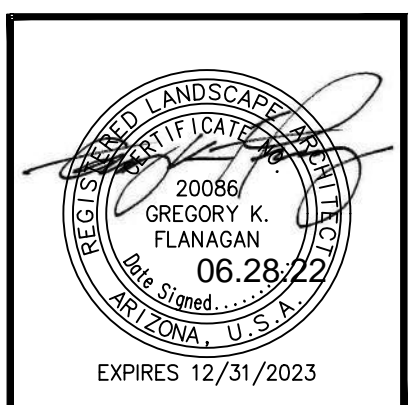
sheet no.
L-1.0



DESERT TRUSS WEST

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EL MIRAGE, ARIZONA 85335

G.K. FLANAGAN
ASSOCIATES, INC
LANDSCAPE ARCHITECTURE
PLANNING
4826 N. 44th STREET PHOENIX, AZ 85018
602 . 912 . 9891 tel
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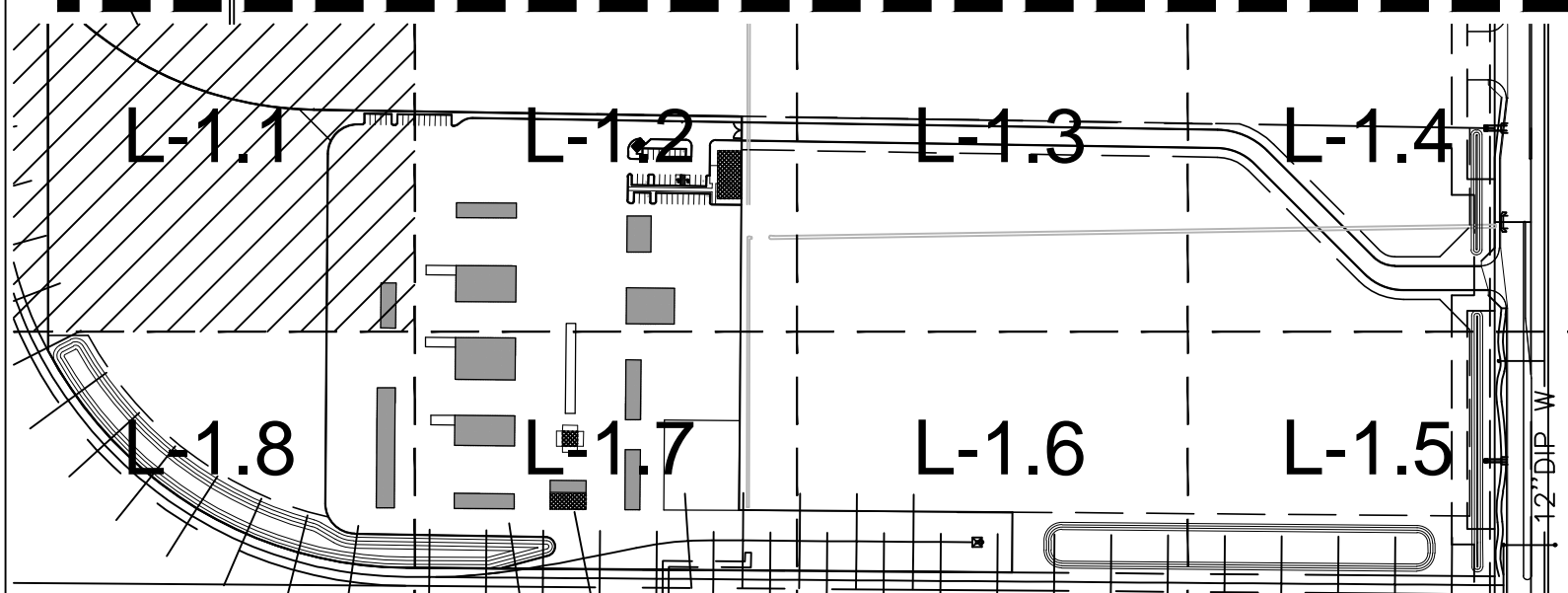
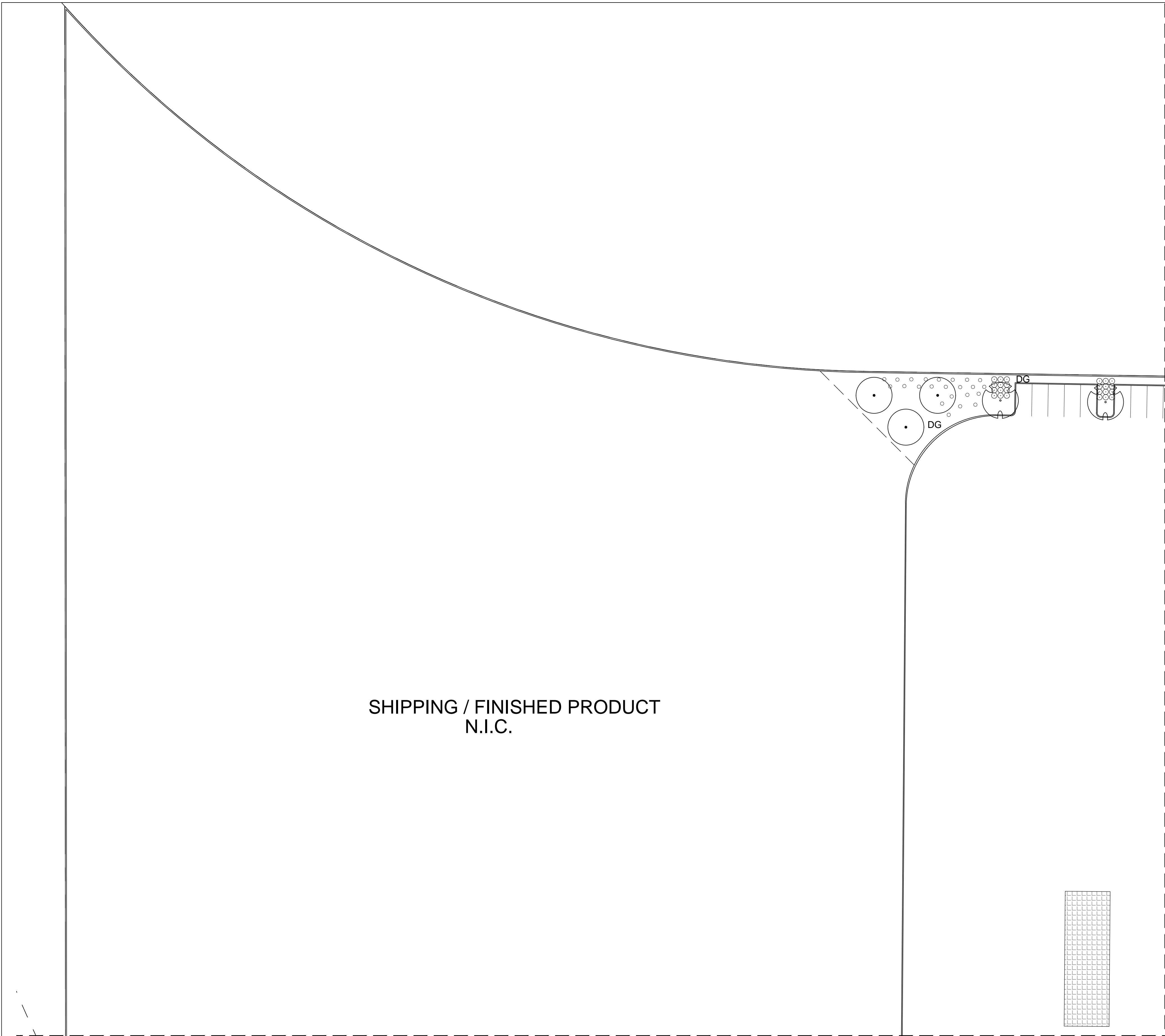
revisions:
date: 06.28.2022
contents: PLANTING PLAN
sheet no. L-1.1

PROPOSED PLANT PALETTE

| TREES | SIZE/ COMMENTS/ QUANTITY |
|---|--|
| CERCIDIUM PRAECOX 'AZT #5' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
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| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

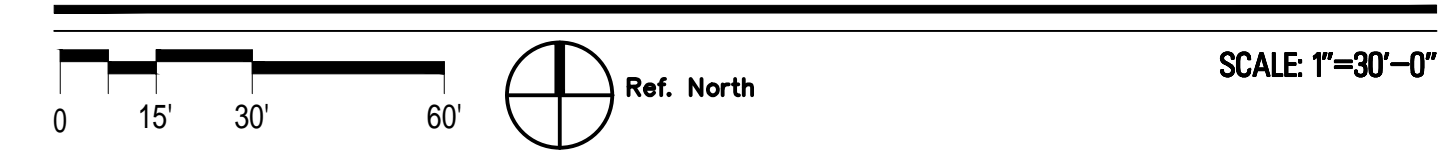
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MATCHLINE SHEET L-1.8

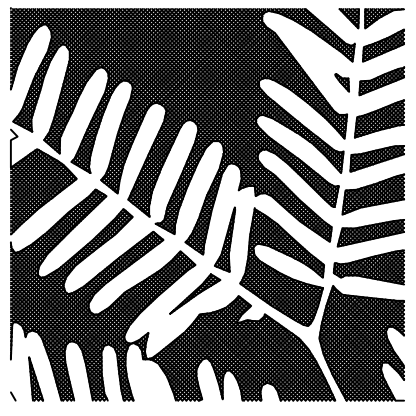
CONCEPTUAL PLANTING PLAN



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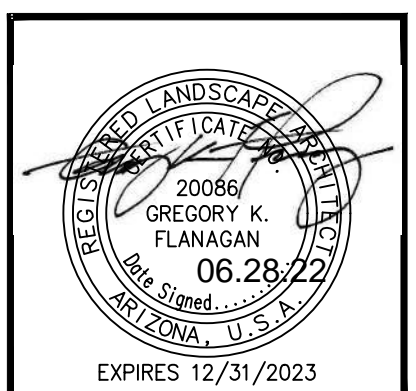
ARIZONA 811
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In Maricopa County: (602) 263-1100



DESERT TRUSS WEST
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 LANDSCAPE ARCHITECTURE PLANNING
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revisions:

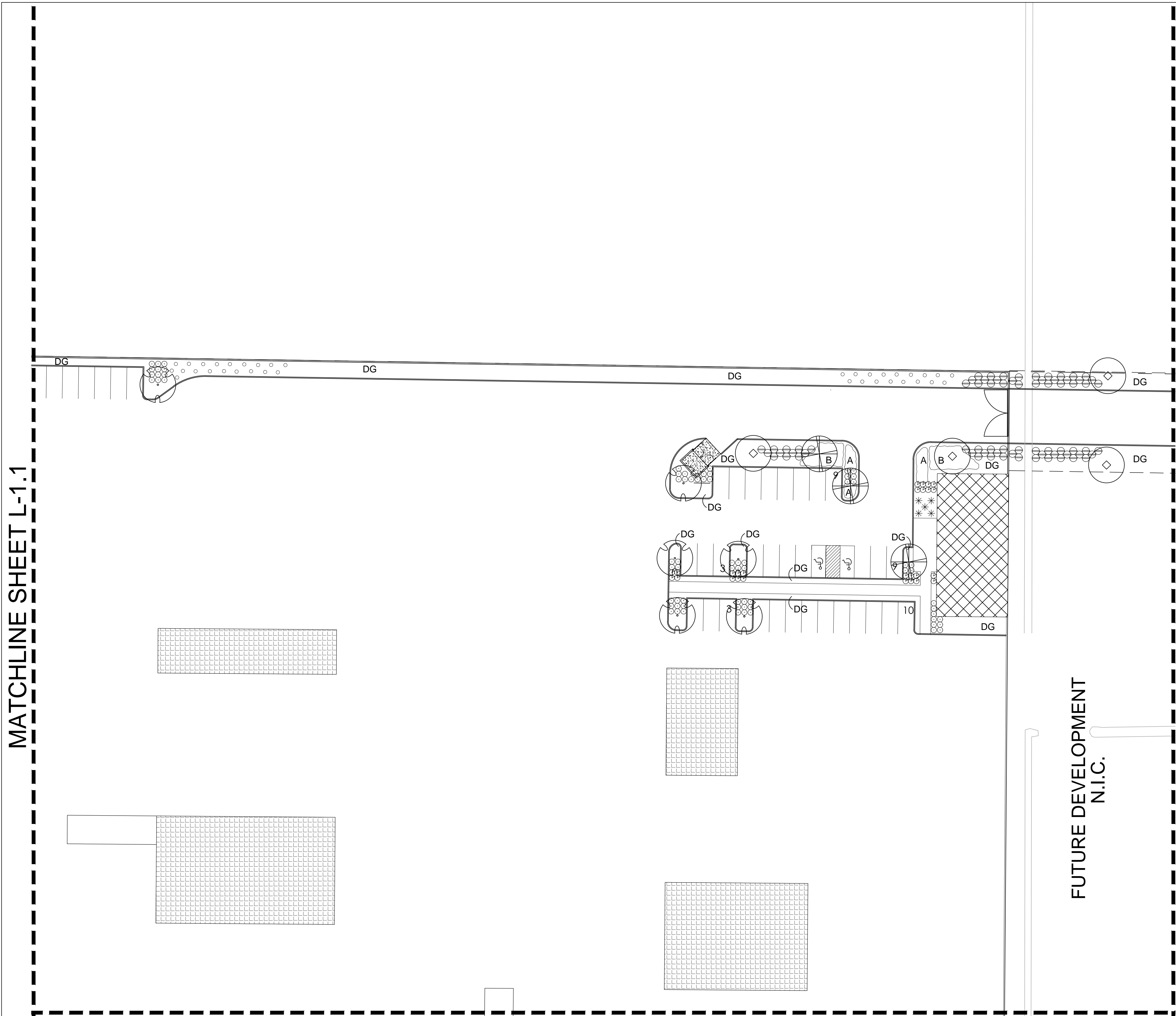
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 contents: **PLANTING PLAN**
 sheet no.
L-1.2

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|---|---|
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| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

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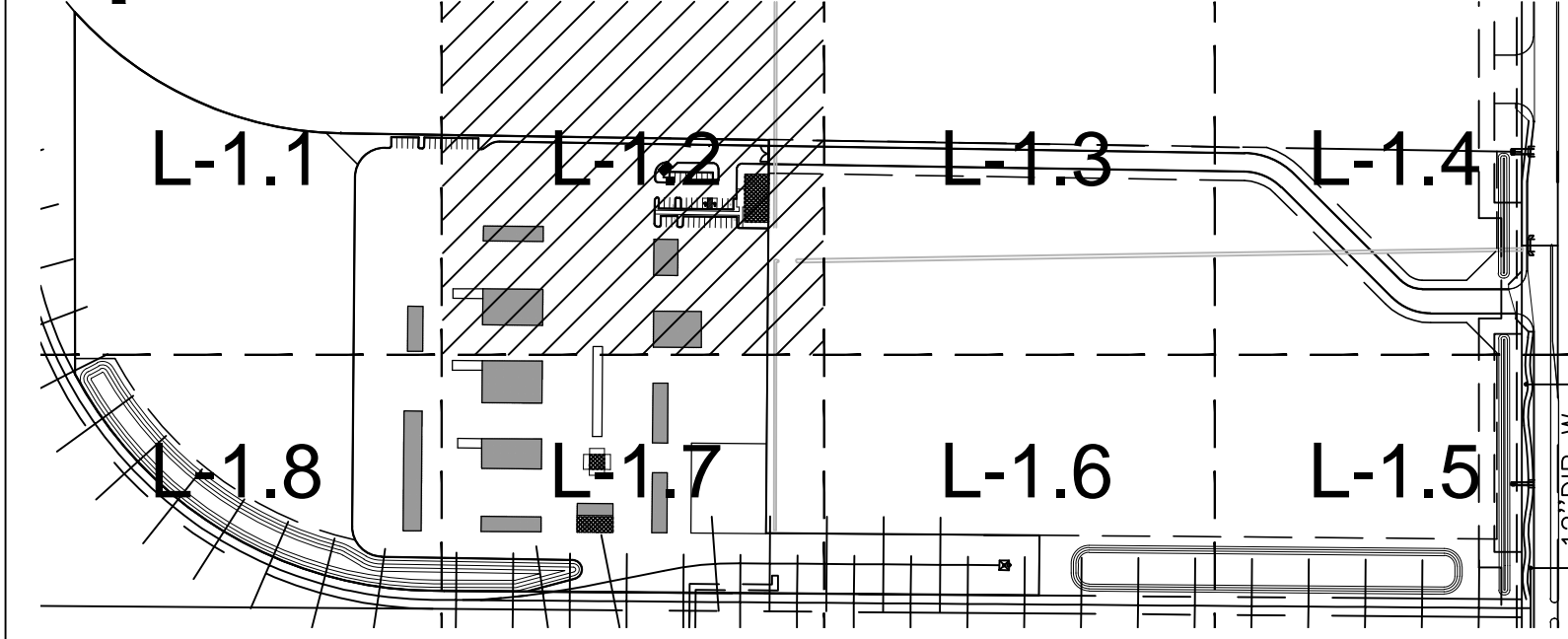
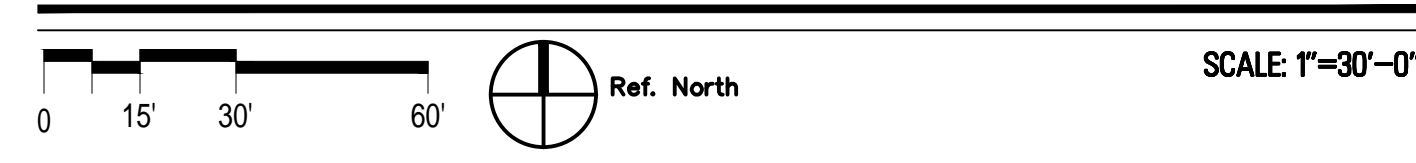
MATCHLINE SHEET L-1.1

MATCHLINE SHEET L-1.3

FUTURE DEVELOPMENT
N.I.C.

MATCHLINE SHEET L-1.7

CONCEPTUAL PLANTING PLAN



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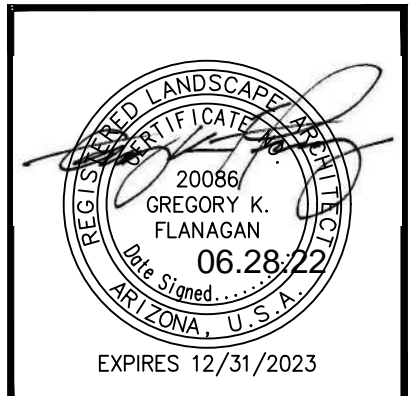
ARIZONA 811
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revisions:

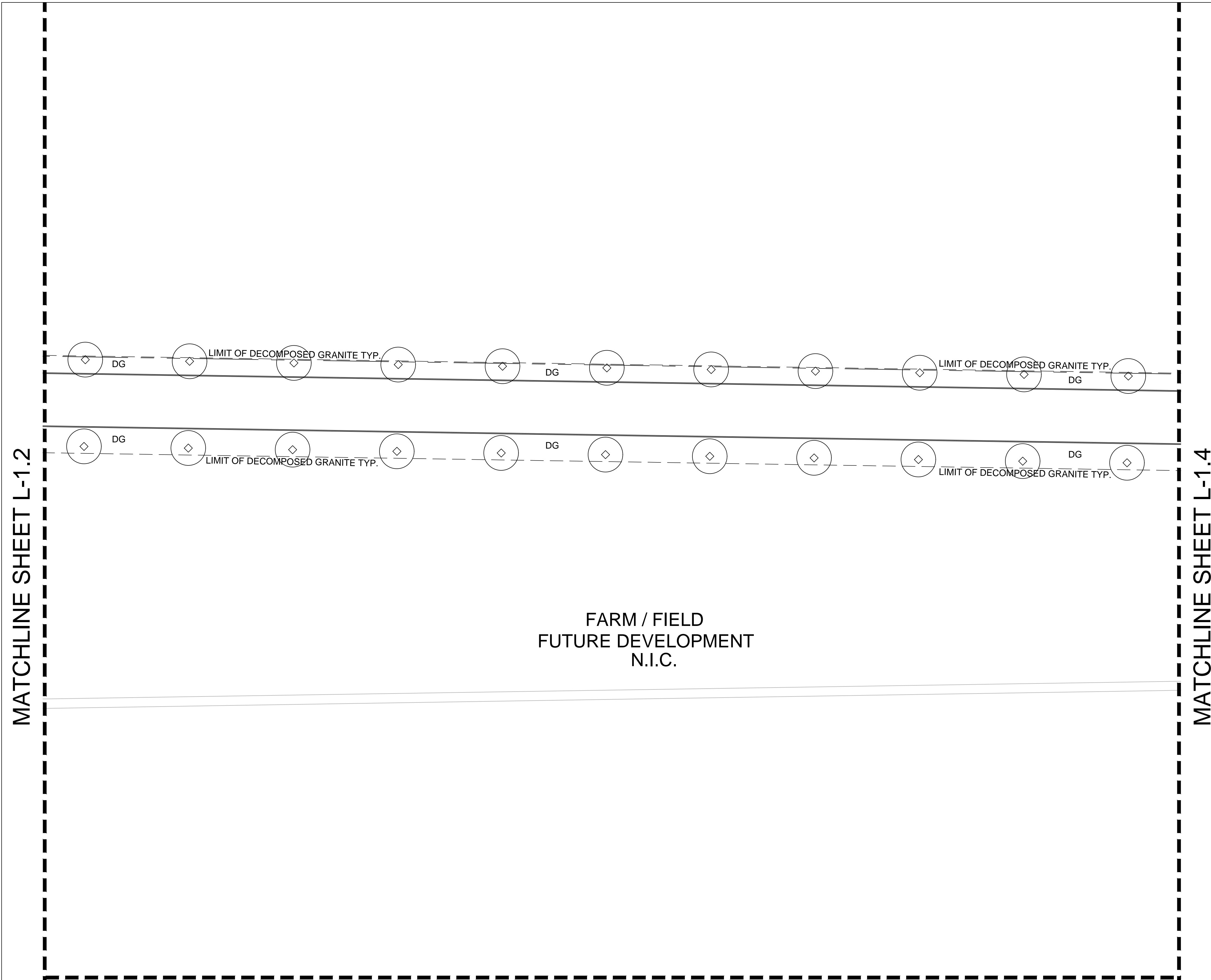
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 contents: **PLANTING PLAN**
 sheet no.
L-1.3

PROPOSED PLANT PALETTE

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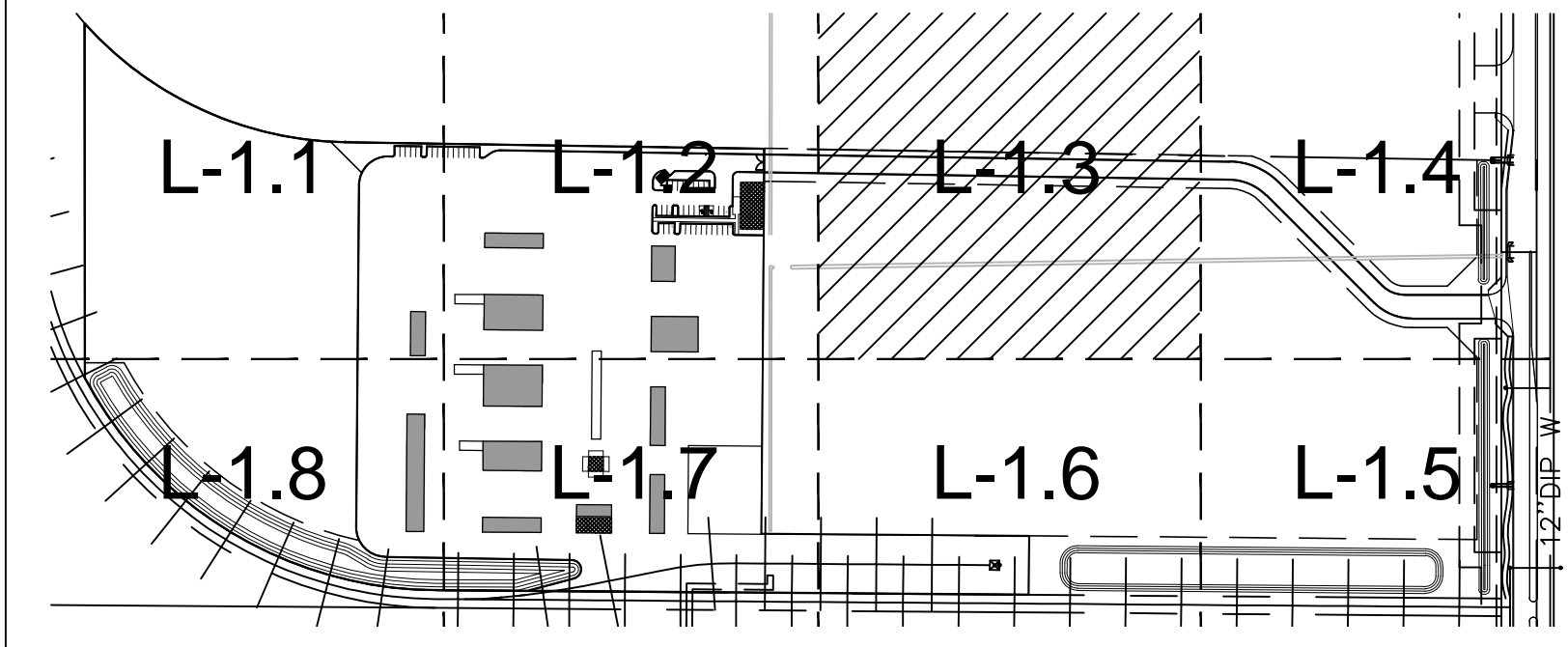
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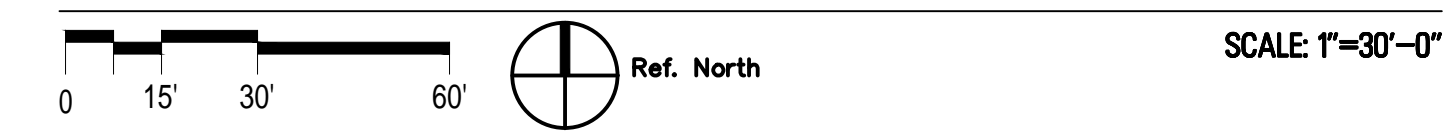
MATCHLINE SHEET L-1.2

MATCHLINE SHEET L-1.4

MATCHLINE SHEET L-1.6



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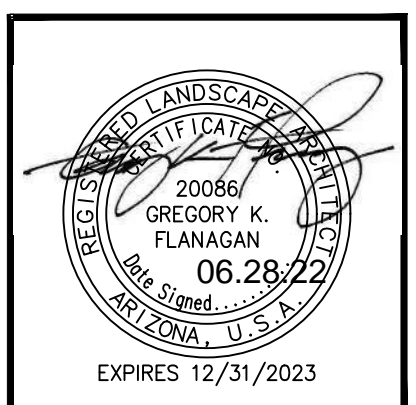


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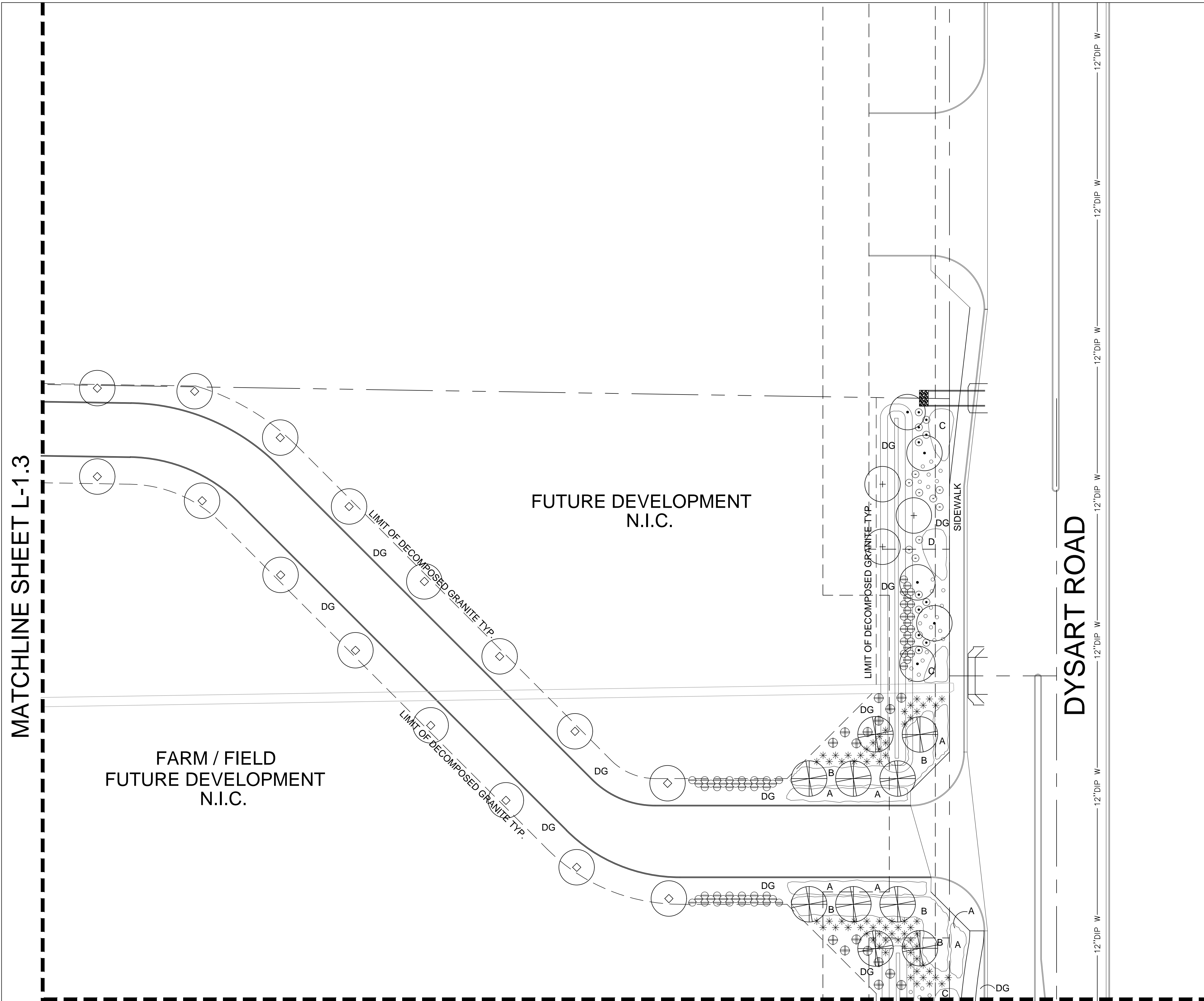
revisions:
date: 06.28.2022
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sheet no. L-1.4

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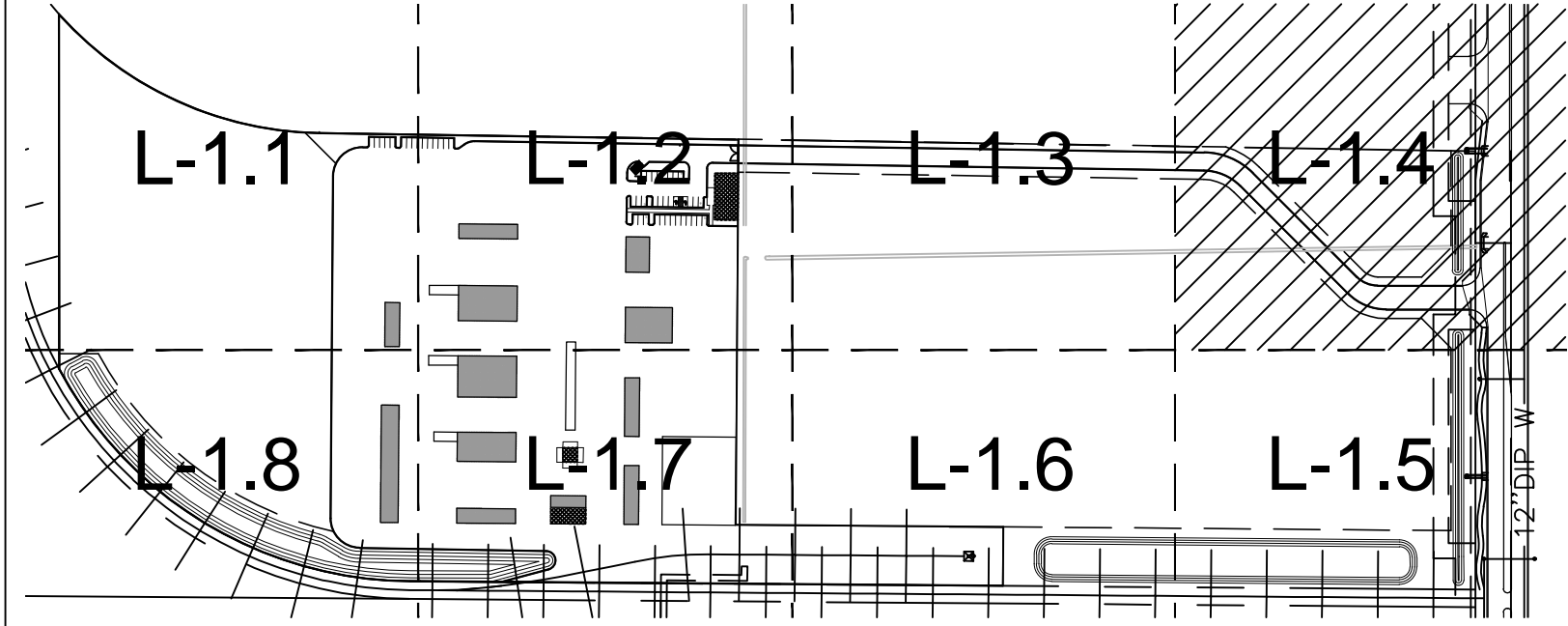
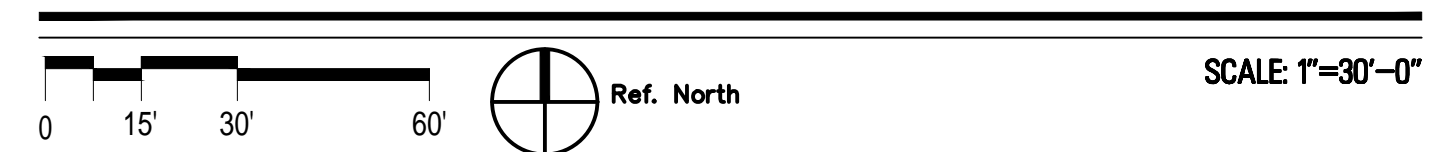
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MATCHLINE SHEET L-1.3

MATCHLINE SHEET L-1.5

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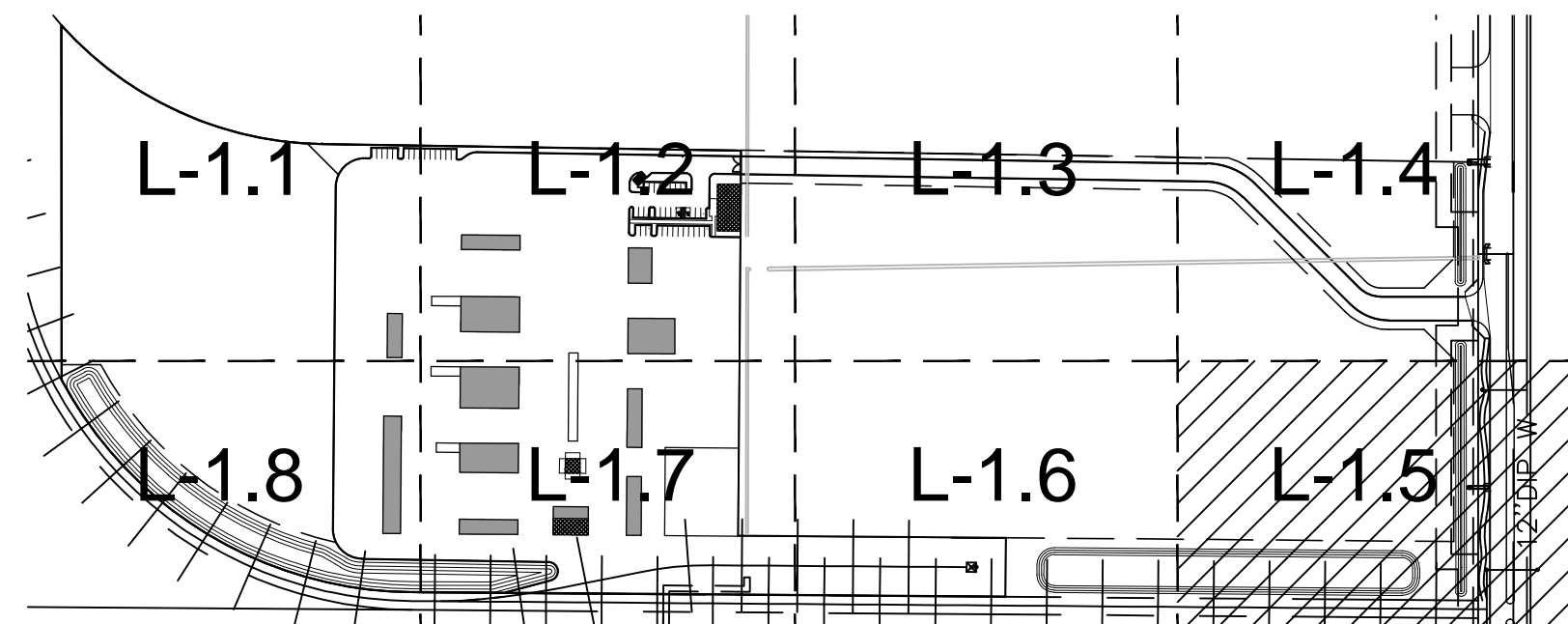
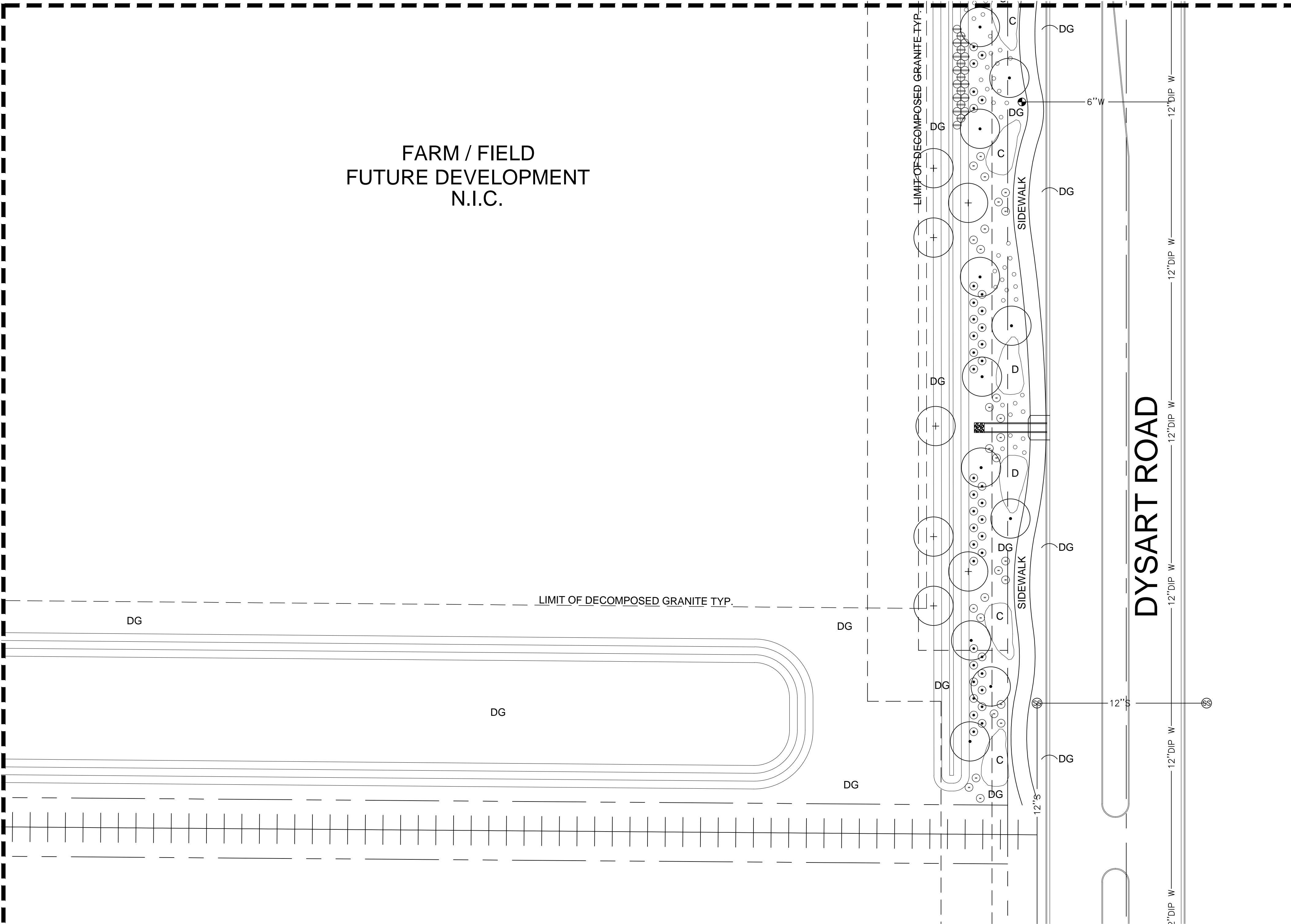
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MATCHLINE SHEET L-1.4

FARM / FIELD
FUTURE DEVELOPMENT
N.I.C.

MATCHLINE SHEET L-1.6



CONCEPTUAL PLANTING PLAN



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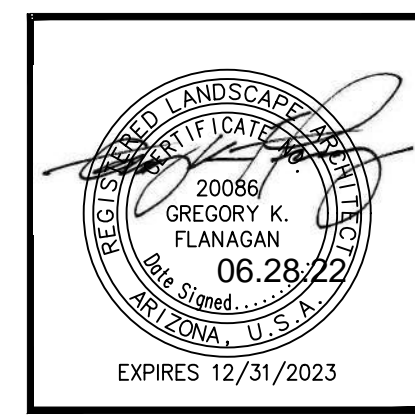
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revisions:

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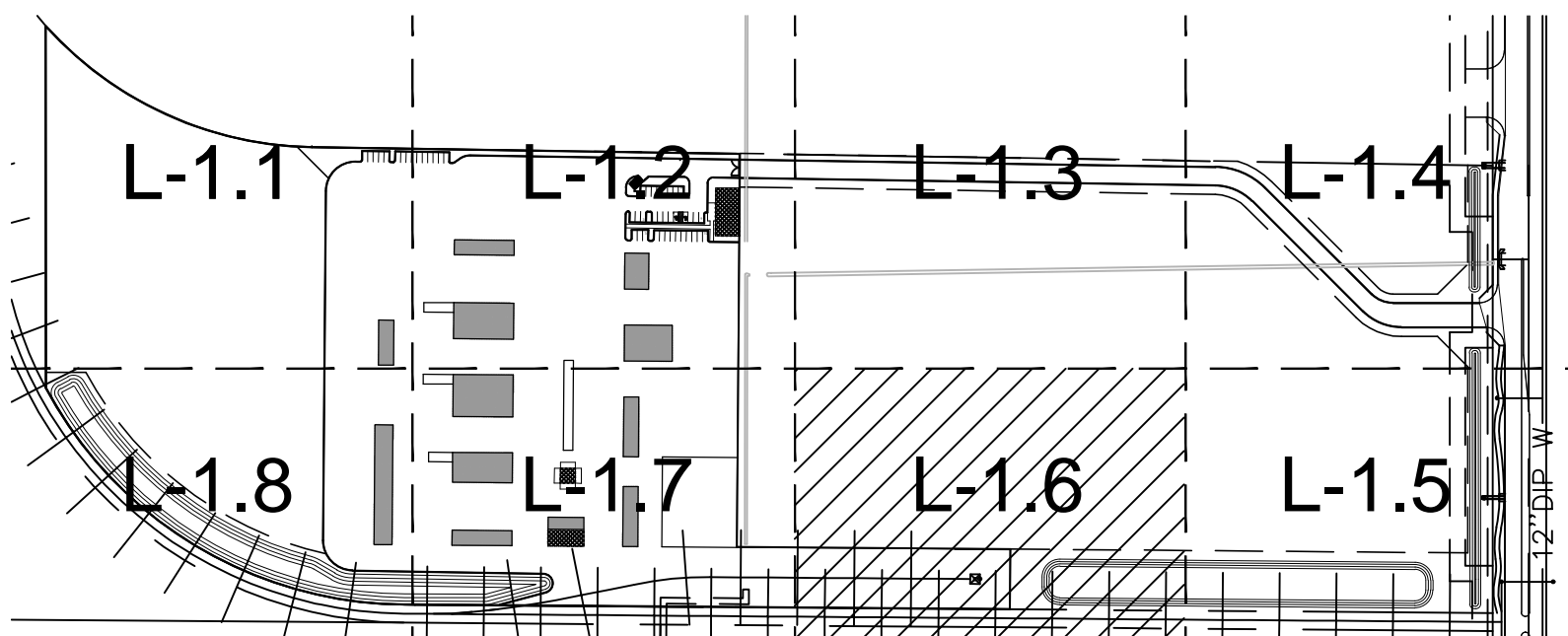
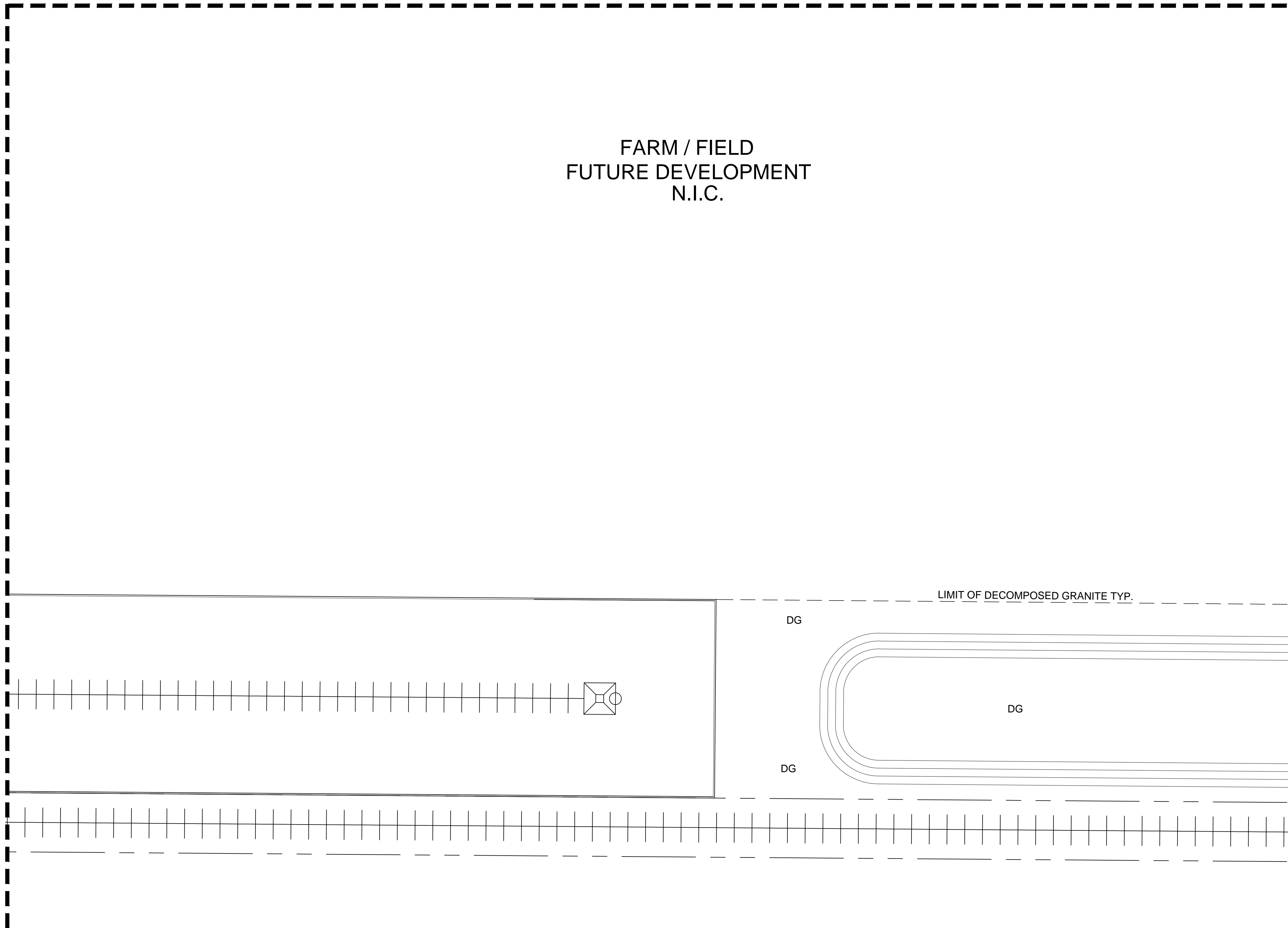
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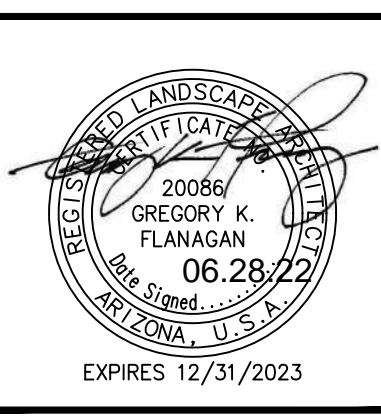
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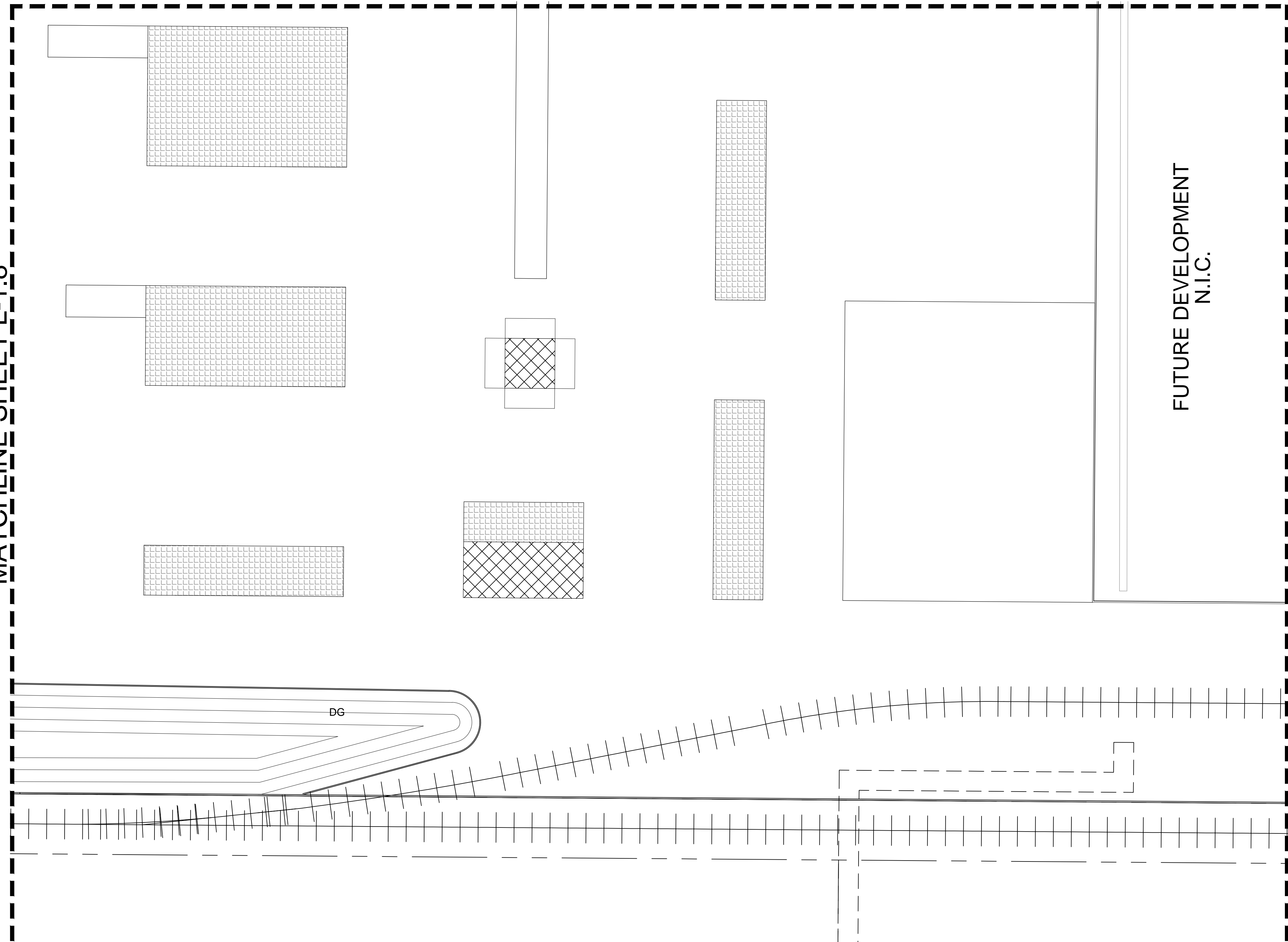
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MATCHLINE SHEET L-1.2



MATCHLINE SHEET L-1.6

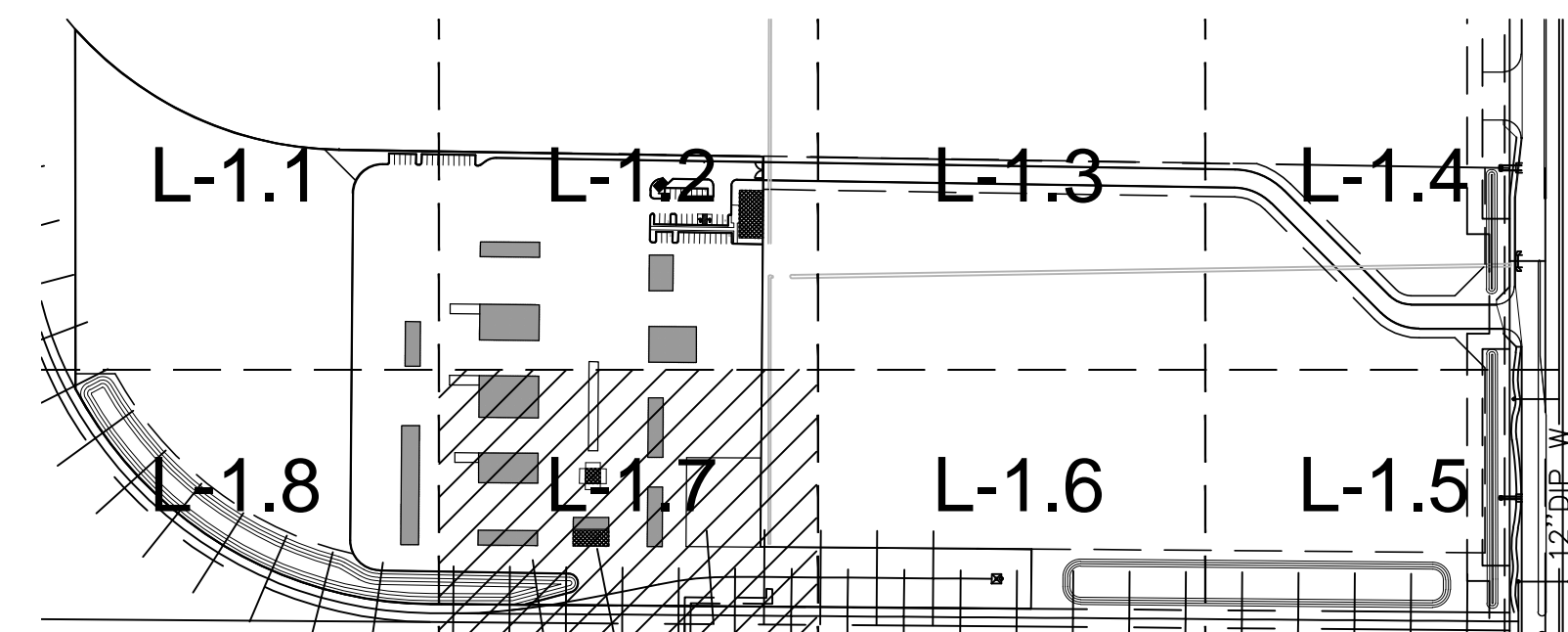
PROPOSED PLANT PALETTE

| TREES | SIZE/ COMMENTS/ QUANTITY |
|---|--|
| CERCIDIUM PRAECOX 'AZT #5' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
| PROSOPIS SEEDLESS HYBRID 'AZT' 'AZT' HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 19 QTY |
| PROSOPIS 'COOPERI' COOPERI HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 42 QTY |
| ACACIA ANEURA MULGA ACACIA | 24" BOX / LOW BREAKING / MATCHED / 8 QTY |
| ACACIA FARNESIANA SWEET ACACIA | 24" BOX / LOW BREAKING / MATCHED / 10 QTY |
| SHRUBS | |
| OLEA EUROPAEA 'LITTLE OLLIE' DWARF OLIVE | 5 GAL, 95 QTY |
| SIMMONDSIA CHINENSIS 'VISTA' COMPACT JOJOBA | 5 GAL, 26 QTY |
| BOUTELOUA GRACILIS BLONDE AMBITION GRAMA | 5 GAL, 76 QTY |
| RUPELLIA PENINSULARIS BAJA RUELLIA | 5 GAL, 154 QTY |
| SENNA ARTEMISIOIDES FEATHERY CASSIA | 5 GAL, 36 QTY |
| LEUCOPHYLLUM LANGMANIAE RIO BRAVO SAGE | 5 GAL, 50 QTY |
| TECOMA STANS 'ESPERANZA' TECOMA 'GOLD STAR' | 5 GAL, 16 QTY |
| GROUNDCOVERS | |
| ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH | 1 GAL, 125 QTY |
| A LANTANA 'NEW GOLD' TRAILING YELLOW LANTANA | 1 GAL @ 3' O.C., 221 QTY |
| B EREMOPHILA GLABRA OUTBACK SUNRISE EMU | 1 GAL @ 3' O.C., 385 QTY |
| C ERMOPHILA CARNOSA WINTER BLAZE EMU | 1 GAL @ 3' O.C., 220 QTY |
| D MUHLENBERGIA RIGIDA NASHVILLE GRASS | 1 GAL @ 3' O.C., 117 QTY |
| INERT MATERIALS | |
| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

GENERAL NOTES

- ALL PLANTING AREAS TO HAVE TOP DRESSING OF DECOMPOSED GRANITE, SIZE & COLOR AS SPECIFIED, 2" DEPTH TYP. APPLIED OVER PRE-EMERGENT PER MFG. SPECS, 2 APPLICATIONS, MIN. DISCREPANCIES SHALL BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION IN WRITING.
- NO PLANT SUBSTITUTION ALLOWED UNLESS APPROVED BY L/S ARCHITECT.
- L/S ARCHITECT TO APPROVE ALL TREES PRIOR TO DELIVERY TO SITE.
- LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE RESERVE THE RIGHT TO REFUSE ANY PLANT HE/SHE DEEMS UNACCEPTABLE.
- FOR CLARIFICATION OF DISCREPANCIES BETWEEN THE DRAWINGS AND THE SITE, THEY SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE TO TAKE PRECAUTIONS TO PROTECT ANY EXISTING IMPROVEMENTS.
- PLANT LIST/QTY'S PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY. PLANS TAKE PRECEDENCE.
- FINISHED GRADE BELOW ALL PLANTERS SHALL BE 1" BELOW ADJACENT HEADER, PAVING, CURBING, ETC.
- GROUNDCOVER AND/OR DG SHALL EXTEND UNDER SHRUBS UNLESS NOTED.
- ALL EARTHWORK IS TO BE DONE SO THAT ALL WATER DRAINS AWAY FROM ALL STRUCTURES.
- ALL UNDERGROUND CONDUITS/PIPES/UTILITIES ARE TO BE LOCATED PRIOR TO DIGGING.
- CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SLEEVING WHETHER IT IS SHOWN ON THE PLANS OR NOT.
- ADJUST NEW LANDSCAPE TO ACCOMMODATE EXISTING LANDSCAPE TO REMAIN.
- LANDSCAPE CONTRACTOR RESPONSIBLE TO MAINTAIN EXISTING PLANT MATERIAL TO REMAIN IN GOOD, HEALTHY CONDITION DURING CONSTRUCTION.
- ANY EXISTING PLANT MATERIAL NOT SHOWN TO REMAIN IS TO BE REMOVED BY CONTRACTOR.

CONCEPTUAL PLANTING PLAN



DESERT TRUSS WEST
 10100 N. DYSART RD.
 EL MIRAGE, ARIZONA 85335

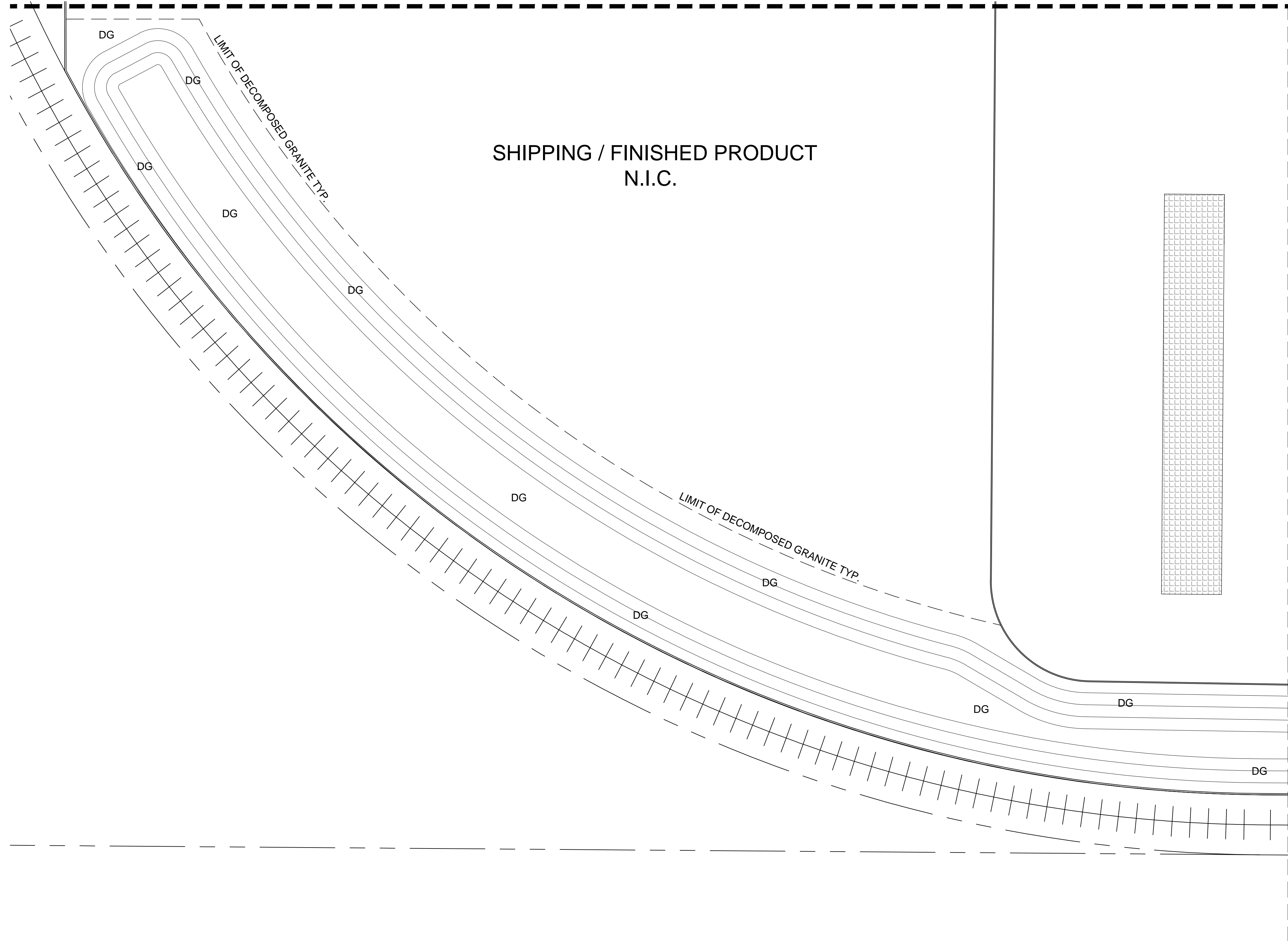
G.K. FLANAGAN ASSOCIATES, INC.
 LANDSCAPE ARCHITECTURE PLANNING
 4828 N. 44th STREET PHOENIX, AZ 85018
 602 . 912 . 9891 tel
 602 . 912 . 9893 fax



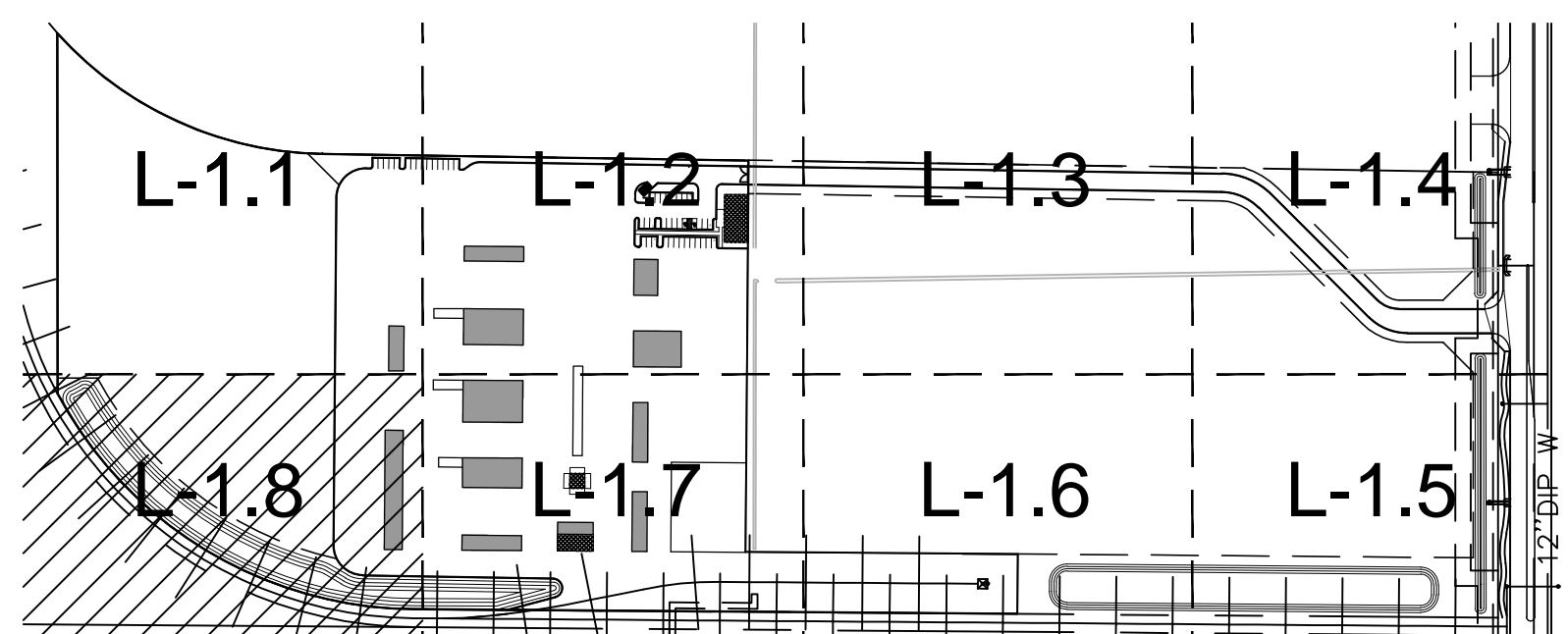
revisions:
 date: **06.28.2022**
 contents: **PLANTING PLAN**
 sheet no. **L-1.7**

Call at least two full working days before you begin excavation.
ARIZONA 811
 Arizona Blue Stake, Inc.
 Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
 In Maricopa County: (602) 263-1100

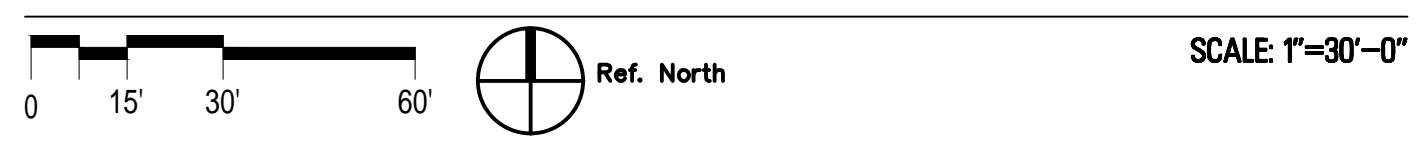
MATCHLINE SHEET L-1.1



MATCHLINE SHEET L-1.7



CONCEPTUAL PLANTING PLAN



PROPOSED PLANT PALETTE

| TREES | SIZE/ COMMENTS/ QUANTITY |
|---|--|
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| GROUNDCOVERS | |
| ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH | 1 GAL, 125 QTY |
| LANTANA 'NEW GOLD' TRAILING YELLOW LANTANA | 1 GAL @ 3' O.C., 221 QTY |
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| INERT MATERIALS | |
| DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

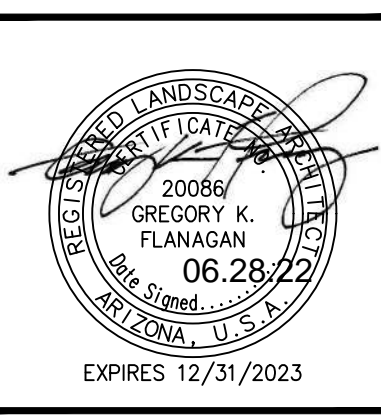
GENERAL NOTES

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- VERIFY ALL CONDITIONS IN FIELD PRIOR TO BIDDING/ INSTALLATION. DISCREPANCIES SHALL BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION IN WRITING.
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DESERT TRUSS WEST
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EL MIRAGE, ARIZONA 85335

G.K. FLANAGAN ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE PLANNING
4826 N. 44th STREET PHOENIX, AZ 85018
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revisions:
date: 06.28.2022
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sheet no. L-1.8

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ARIZONA 811
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

APN
509-18-974
SITE AREA
AREA = 41.185 ACRES 1,794,020 SQ. FT. GROSS
BUILDING AREAS
OFFICE AREA = 4,800 SQ. FT.
WAREHOUSE AREA = 12,000 SQ. FT.
MANAGER OFFICE = 625 SQ. FT.
MAINTENANCE BUILDING = 1,680 SQ. FT.
ASSEMBLY/MANUFACTURING AREA (UNDER ROOF) = 52,780 SQ. FT.
TOTAL AREA = 71,885 SQ. FT. (4% LOT COVERAGE, 90% ALLOWABLE)

PROJECT DESCRIPTION
COMMERCIAL DEVELOPMENT OF A TRUSS MANUFACTURING FACILITY, OFFICE WITH CUSTOMER AND EMPLOYEE PARKING, MANAGERS OFFICE AND MAINTENANCE BUILDING.

LEGAL DESCRIPTION
LOT 7 OF THE FINAL RE-PLAT OF LOT 3 CENTERPOINT LOGISTICS PARK AS RECORDED IN BOOK 1642, PAGE 30, RECORDS OF MARICOPA COUNTY ARIZONA.

DESERT TRUSS WEST TRUSS MANUFACTURING FACILITY

10100 N. DYSART ROAD, EL MIRAGE, AZ 85335

OWNER:
JOHN GOROSICS
CARIARI HOLDINGS, INC.
10111 N EL MIRAGE RD
EL MIRAGE, AZ 85335
(623) 203-1134
JOHN@CARIARIHOLDINGS.COM

CIVIL ENGINEER
PETER VESECKY
VESPRO
8502 E. VIA DE VENTURA, SUITE 101
SCOTTSDALE, AZ 85258
PH: (480) 393-3640
PETERV@VESPRO.NET

STORM WATER RETENTION CALCULATIONS:

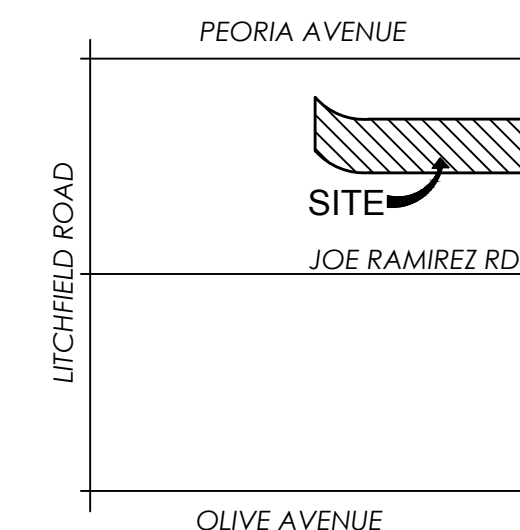
VOLUME REQUIRED
VOLUME REQUIRED = 232,162cf

CALCULATIONS:

OFFSITES:
 $0.95 \times (2.4/12) \times 3,270sf = Vr = 621cf$

ONSITES:
DA-1 = $0.7 \times (2.4/12) \times 342,948sf = Vr = 48,013cf$
DA-2 = $0.95 \times (2.4/12) \times 356,295sf = Vr = 67,696cf$
DA-3 = $0.95 \times (2.4/12) \times 168,866sf = Vr = 32,085cf$
DA-4 = $0.80 \times (2.4/12) \times 134,495sf = Vr = 21,519cf$
DA-5 = $0.40 \times (2.4/12) \times 777,856sf = Vr = 62,228cf$

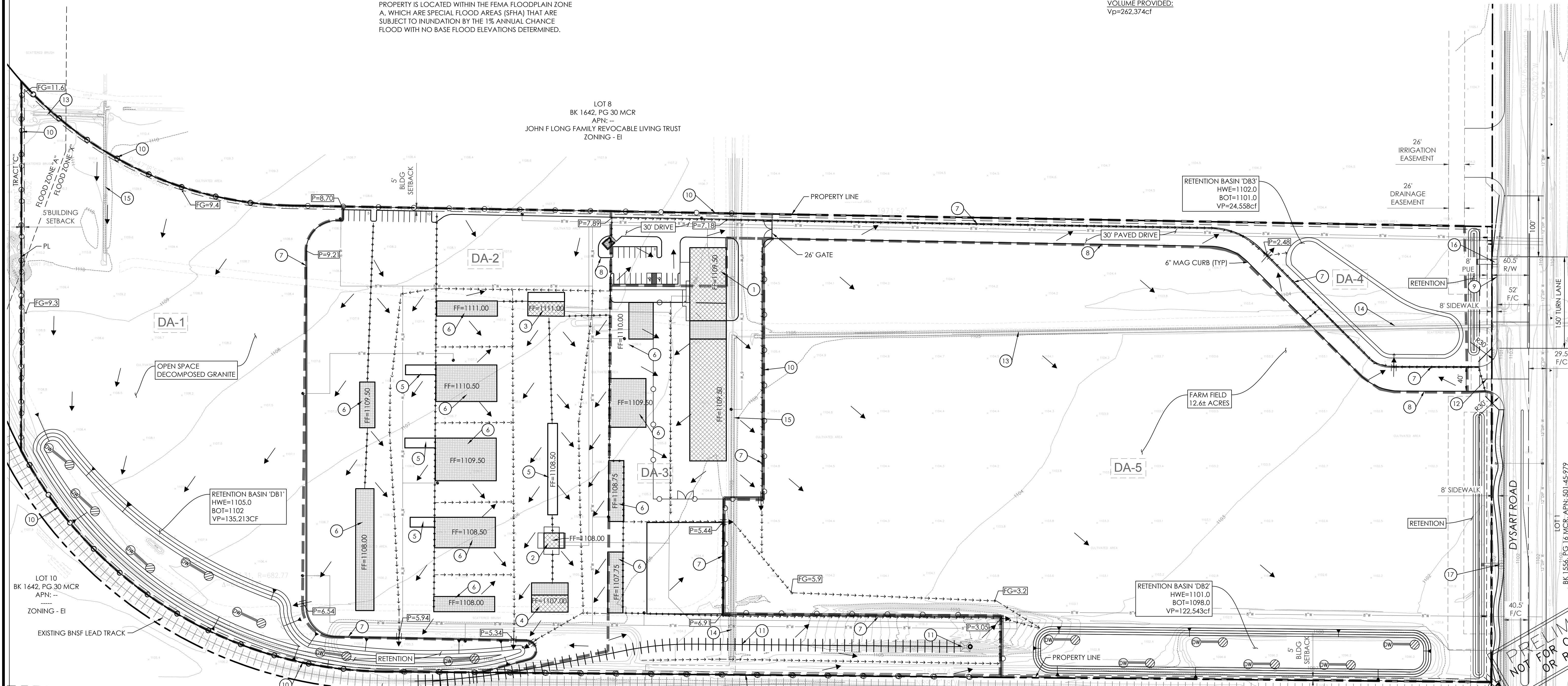
VOLUME PROVIDED:
Vp=262,374cf



SEC. 27, T-3-N, R-1-W
VICINITY MAP
NTS

BENCH MARK
GDACS PUBLISHED BENCHMARK- BRASS CAP IN HAND HOLE INTERSECTION OF WEST OLIVE AND 135TH AVE.. PUBLISHED ELEVATION = 1097.71 (NAVD 88)

FLOOD ZONE
ACCORDING TO THE FLOOD INSURANCE RATE MAP #04013C1680L, DATED OCTOBER 16, 2013 THE MAJORITY OF THE PROPERTY IS LOCATED WITHIN FLOOD ZONE 'X'. AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
A SMALL SECTION IN THE NORTH WEST CORNER OF THE PROPERTY IS LOCATED WITHIN THE FEMA FLOODPLAIN ZONE A, WHICH ARE SPECIAL FLOOD AREAS (SFHA) THAT ARE SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD WITH NO BASE FLOOD ELEVATIONS DETERMINED.



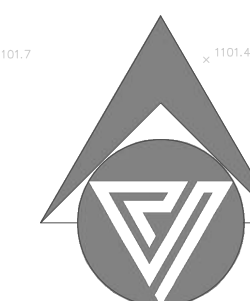
- LEGEND
- SUBJECT PROPERTY LINE
 - MONUMENT LINE
 - RIGHT-OF-WAY
 - EASEMENT
 - LIMITS OF CONSTRUCTION

- P=10.00 - PAVEMENT ELEVATION
- FG=10.00 - FINISHED GRADE ELEVATION
- - CURB OPENING
- ↗ - GRADE BREAK
- ↘ - SLOPE INDICATION
- ⊕ - MAXWELL PLUS DRYWELL

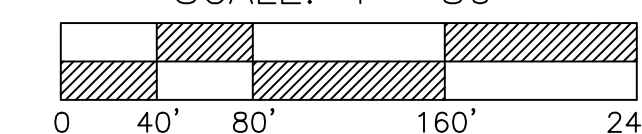
- DA-1 - DRAINAGE AREA I.D.
- - DRAINAGE AREA DELINEATION

KEYNOTES

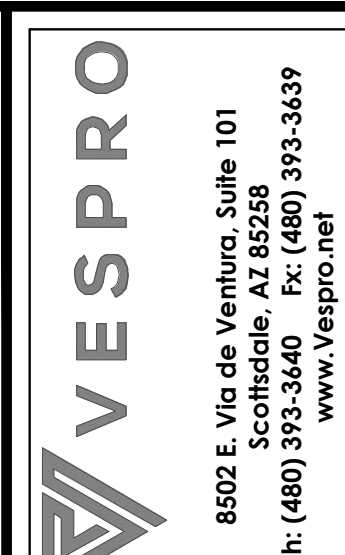
1. PROPOSED MASONRY BUILDING - OFFICE
2. PROPOSED MASONRY BUILDING - MANAGERS OFFICE
3. PROPOSED MASONRY BUILDING - EMPLOYEE RESTROOMS/BREAKROOM
4. PROPOSED MASONRY BUILDING - MAINTENANCE
5. PROPOSED EQUIPMENT PAD - NOT COVERED
6. PROPOSED EQUIPMENT PAD - COVERED (METAL ROOF)
7. PROPOSED 6" CURB & GUTTER
8. PROPOSED 6" MAG CURB
9. PROPOSED DECEL/TURN LANE
10. PROPOSED 8' HIGH CHAIN LINK FENCE
11. PROPOSED RAIL LEAD TRACK
12. PROPOSED 40' DRIVE EM-251-1
13. EXISTING IRRIGATION DITCH TO REMAIN
14. EXISTING IRRIGATION DITCH TO BE PIPED UNDERGROUND
15. EXISTING IRRIGATION DITCH TO BE REMOVED
16. PROPOSED ROADWAY SCUPPER
17. ROADWAY SCUPPER PER DYSART ROAD IMPROVEMENTS



SCALE: 1" = 80'



CALL TWO WORKING DAYS BEFORE THE BIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |
| | | |

DESERT TRUSS WEST
LOT 7 OF REPLAT OF CENTERPOINT LOGISTICS, EL MIRAGE
PRELIMINARY GRADING AND DRAINAGE PLAN

PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING

PROJECT NO: 21027
DRAWING DATE: 7/24/22
DRAWN BY: MC
CHECKED BY: PV
DRAWING SCALE: 80
DRAWING FILE: 21027_PRELIM G&D

PRELIMINARY G&D
PGD
1 of 1
PLAN

DESERT TRUSS WEST TRUSS MANUFACTURING FACILITY

10100 N. DYSART ROAD, EL MIRAGE, AZ 85335

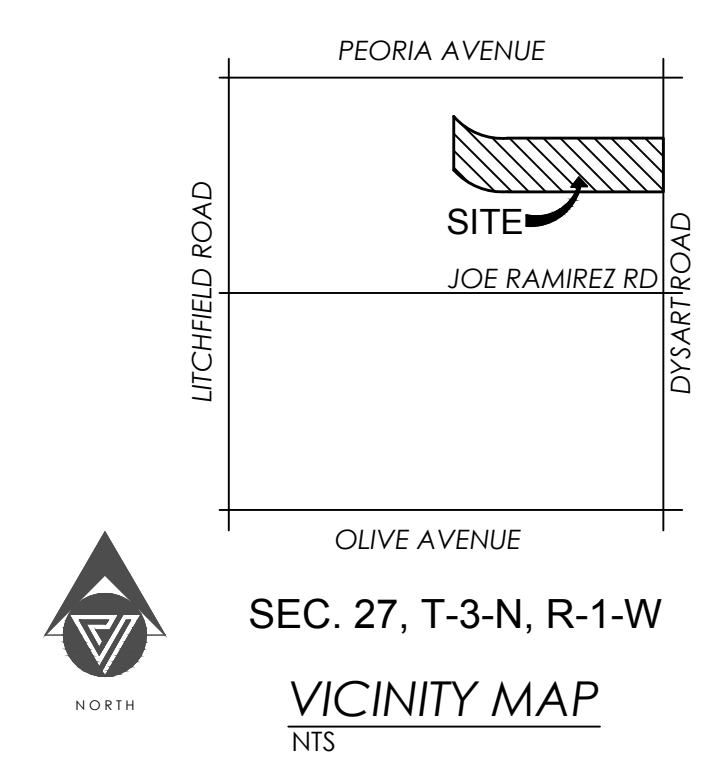
APN
509-18-974
SITE AREA
AREA = 41.185 ACRES 1,794,020 SQ. FT. GROSS
BUILDING AREAS
OFFICE AREA = 4,800 SQ. FT.
WAREHOUSE AREA = 12,000 SQ. FT.
MANAGER OFFICE = 625 SQ. FT.
MAINTENANCE BUILDING = 1,680 SQ. FT.
ASSEMBLY/MANUFACTURING AREA (UNDER ROOF) = 52,780 SQ. FT.
TOTAL AREA = 71,885 SQ. FT. (4% LOT COVERAGE, 90% ALLOWABLE)

PROJECT DESCRIPTION
COMMERCIAL DEVELOPMENT OF A TRUSS MANUFACTURING FACILITY, OFFICE WITH CUSTOMER AND EMPLOYEE PARKING, MANAGERS OFFICE AND MAINTENANCE BUILDING.

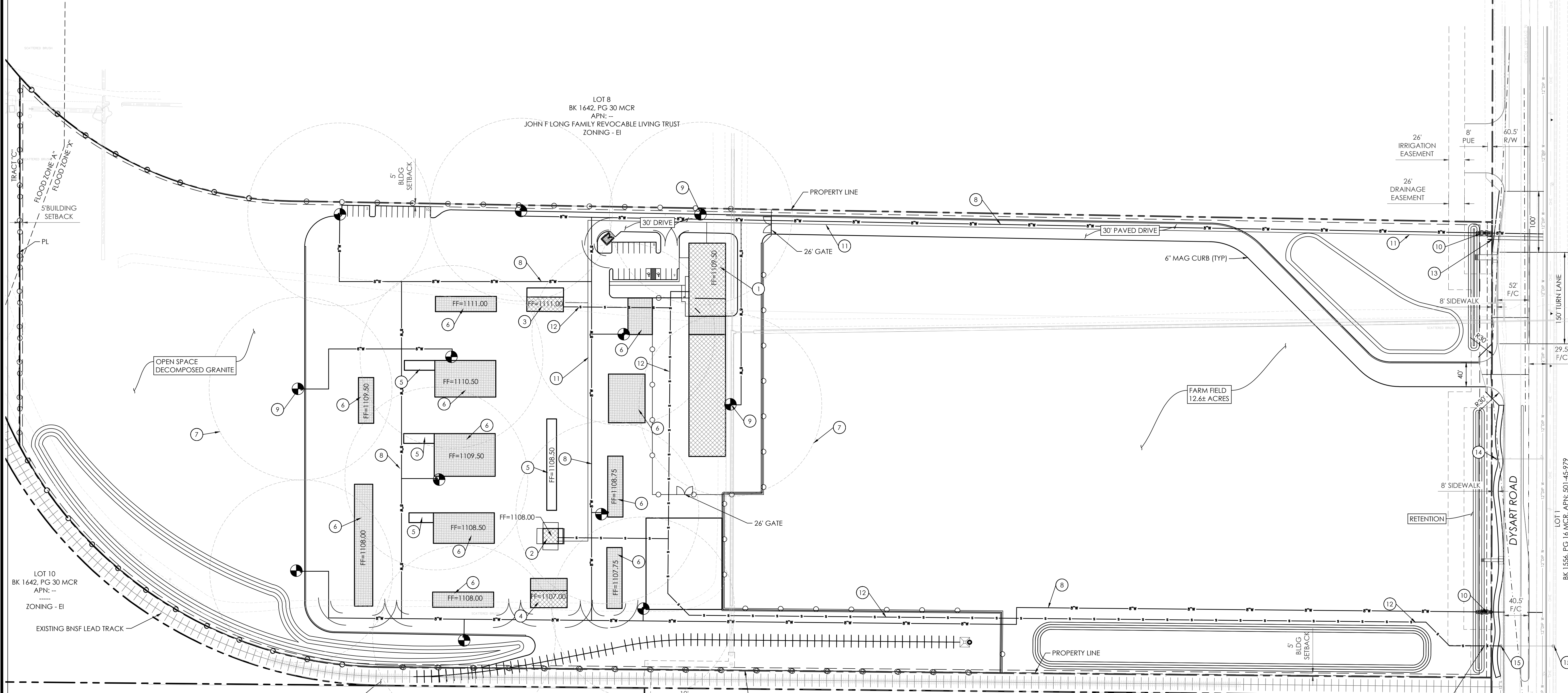
LEGAL DESCRIPTION
LOT 7 OF THE FINAL RE-PLAT OF LOT 3 CENTERPOINT LOGISTICS PARK, AS RECORDED IN BOOK 1642, PAGE 30, RECORDS OF MARICOPA COUNTY ARIZONA.

OWNER:
JOHN GOROSICS
CARIARI HOLDINGS, INC.
10111 N EL MIRAGE RD
EL MIRAGE, AZ 85335
(623) 203-1134
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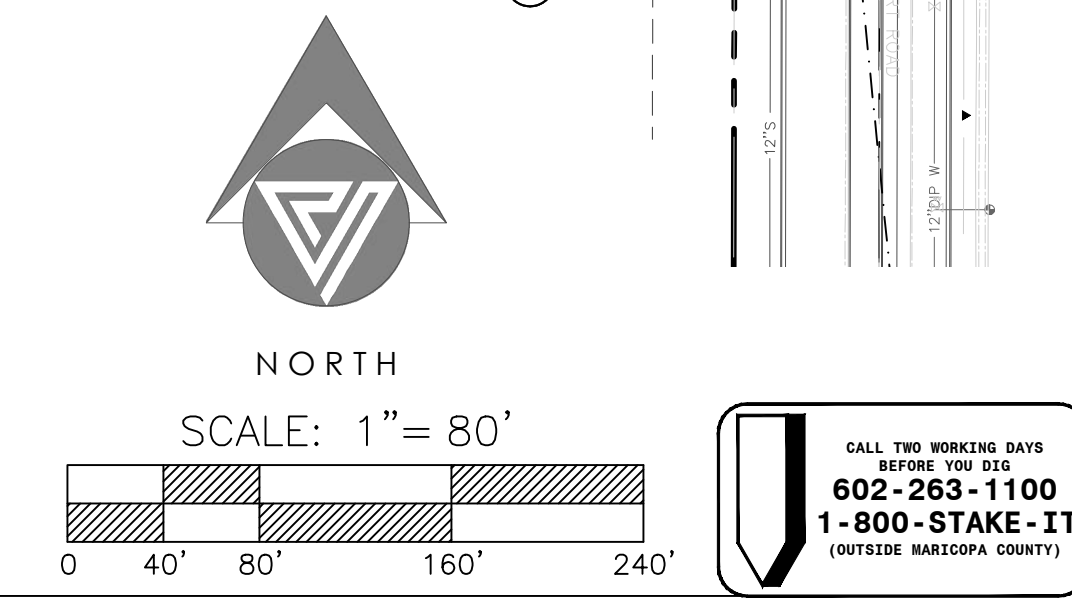
VESPRO
8502 E. Via de Ventura, Suite 101
Scottsdale, AZ 85258
Ph: (480) 393-3640 Fx: (480) 393-3639
www.vespro.net



LEGEND

| | | | |
|-----|-------------------------|-----|------------------------------|
| --- | - SUBJECT PROPERTY LINE | --- | - PROPOSED SEWER |
| --- | - MONUMENT LINE | --- | - PROPOSED WATER |
| --- | - RIGHT-OF-WAY | ⊙ | - HYDRANT |
| --- | - EASEMENT | ⊙ | - BACKFLOW PREVENTION DEVICE |
| | | ⊙ | - WATER METER |

- KEYNOTES
1. PROPOSED MASONRY BUILDING - OFFICE
 2. PROPOSED MASONRY BUILDING - MANAGERS OFFICE
 3. PROPOSED MASONRY BUILDING - EMPLOYEE RESTROOMS/BREAKROOM
 4. PROPOSED MASONRY BUILDING - MAINTENANCE
 5. PROPOSED EQUIPMENT PAD - NOT COVERED
 6. PROPOSED EQUIPMENT PAD - COVERED (METAL ROOF)
 7. 150' HYDRANT RADIUS
 8. PROPOSED 8-INCH FIRE LINE
 9. PROPOSED FIRE HYDRANT (TYP)
 10. PROPOSED 8-INCH BACKFLOW PREVENTOR
 11. PROPOSED 1.5-INCH DOMESTIC WATER
 12. PROPOSED 6-INCH SEWER
 13. PROPOSED 2" LANDSCAPE METER AND SERVICE
 14. FIRE HYDRANT BY OTHERS
 15. SEWER MANHOLE BY OTHERS



DESERT TRUSS WEST LOT 7 OF REPLAT OF CENTERPOINT LOGISTICS, EL MIRAGE PRELIMINARY WATER & SEWER PLAN

| | |
|----------------|------------------|
| PROJECT NO: | 21027 |
| DRAWING DATE: | 7/26/22 |
| DRAWN BY: | MC |
| CHECKED BY: | PV |
| DRAWING SCALE: | 80 |
| DRAWING FILE: | 21027_PRELIM W&S |

PRELIMINARY W&S
PWS
1 of 1
PLAN

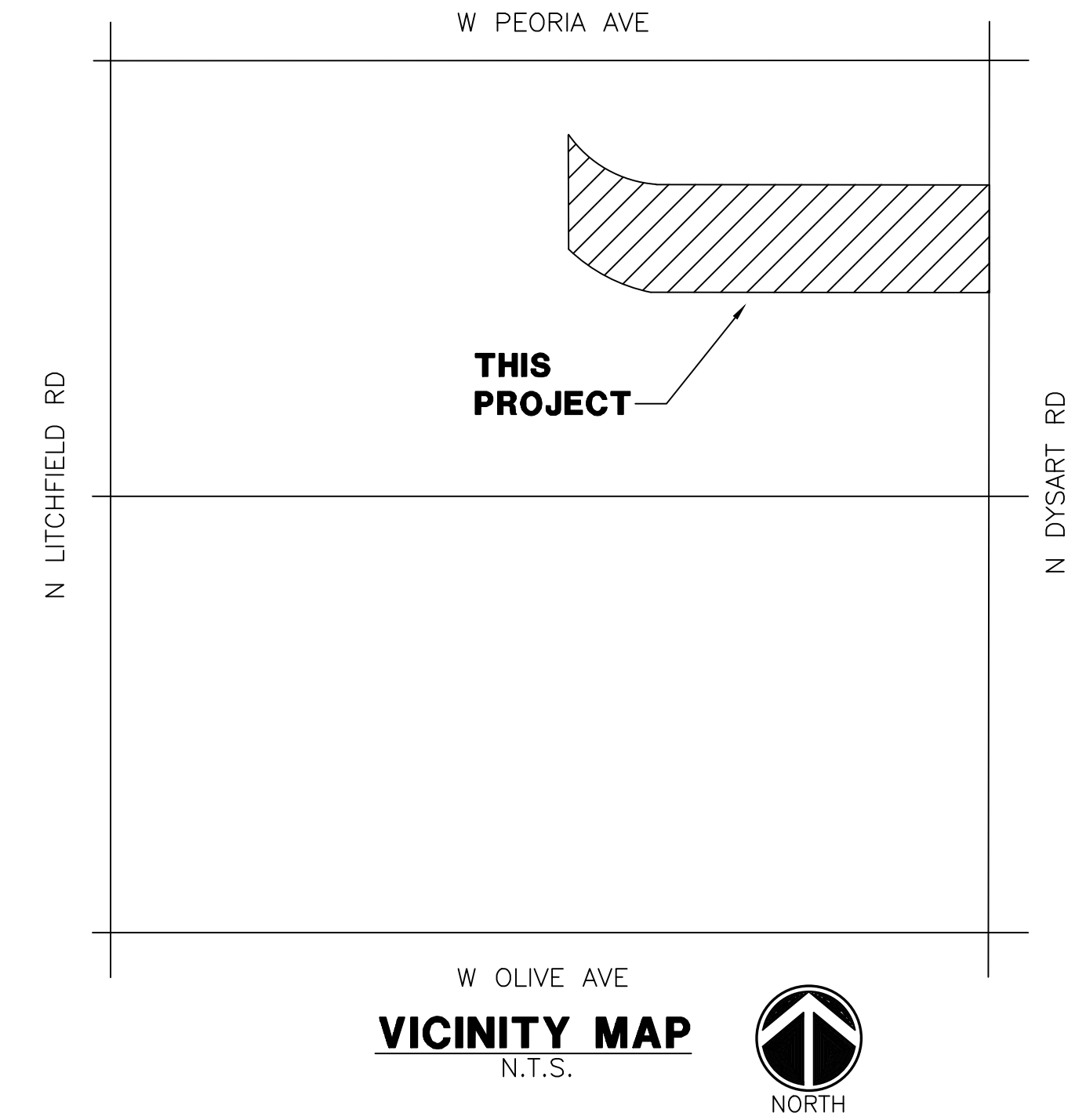
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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

DESERT TRUSS WEST



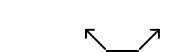
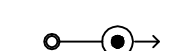
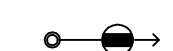
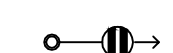

PHOTOMETRIC LIGHTING PLAN

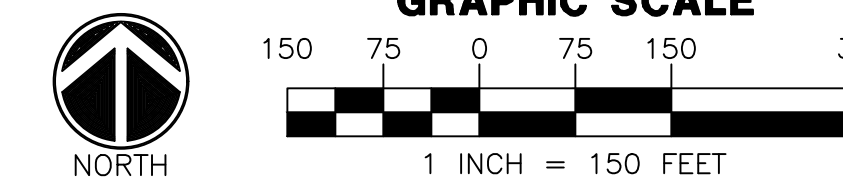
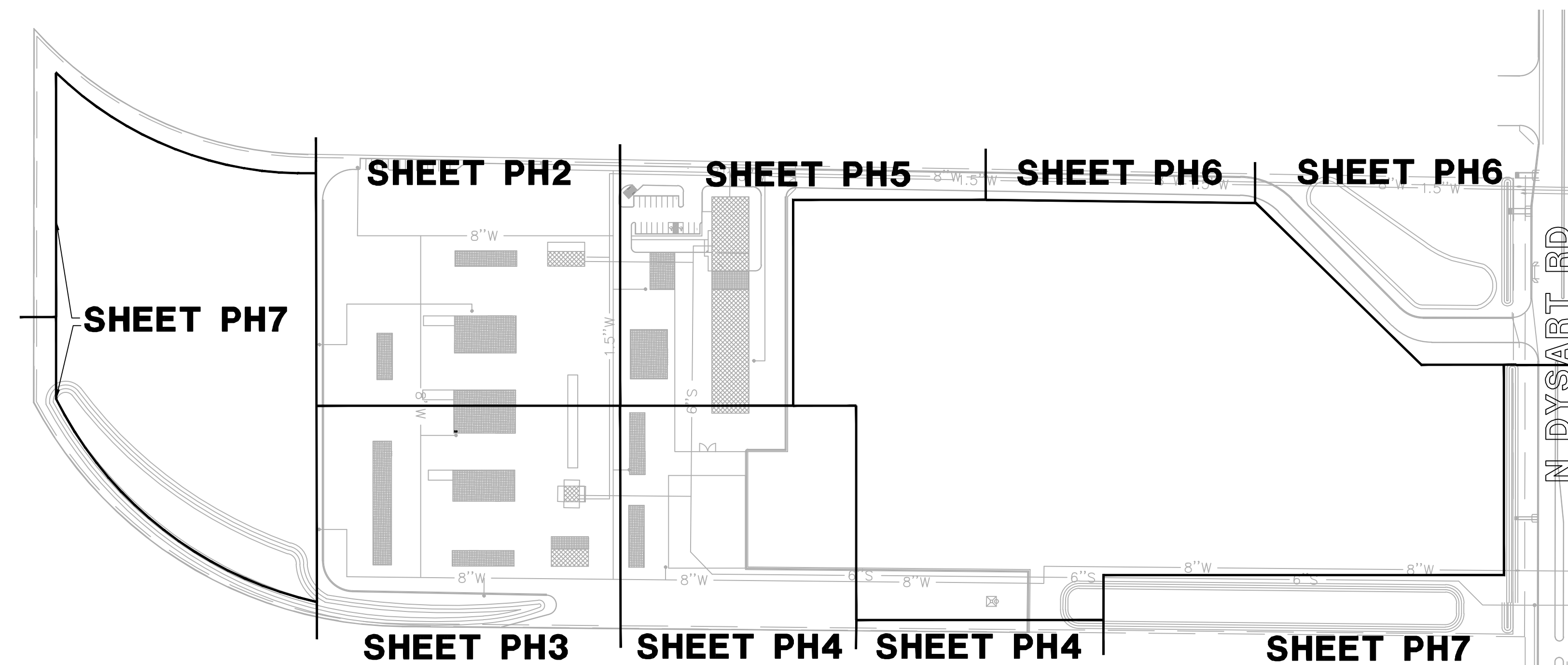
W PEORIA AVE & N DYSART RD

EL MIRAGE, AZ



LEGEND

- 
 GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
- 
 GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
- 
 GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
- 
 GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
- 
 GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- 
 GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- 
 CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-SQ.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0



CALCULATIONS

ENTRY & PARKING
 682 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES
 Average 0.7
 Maximum 1.7
 Minimum 0.2
 Avg:Min 3.73
 Max:Min 8.50
 Coef Var 0.51
 UnifGrad 4.24

BOUNDARY LINE
 640 points
HORIZONTAL FOOTCANDLES
 Average 0.1
 Maximum 1.3
 Minimum 0.0
 Avg:Min N/A
 Max:Min N/A
 Coef Var 2.48

OUTDOOR AREA
 3810 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES
 Average 1.2
 Maximum 5.1
 Minimum 0.2
 Avg:Min 5.79
 Max:Min 25.50
 Coef Var 0.79
 UnifGrad 9.55

CANOPY
 444 points
HORIZONTAL FOOTCANDLES
 Average 26.0
 Maximum 36.3
 Minimum 8.0
 Avg:Min 3.25
 Max:Min 4.54
 Coef Var 0.25

ELECTRICAL ENGINEER

WRIGHT ENGINEERING CORPORATION
 165 EAST CHILTON DRIVE
 CHANDLER, AZ 85225
 PHONE: (480) 497-5829
 FAX: (480) 497-5807
 CONTACT: JACOB BIELEFELDT
 EMAIL: JBIELEFELDT@WRIGHTENGINEERING.US

SHEET INDEX

SHEET PH1 PHOTOMETRIC COVER SHEET
 SHEET PH2 PHOTOMETRIC CALCULATIONS
 SHEET PH3 PHOTOMETRIC CALCULATIONS
 SHEET PH4 PHOTOMETRIC CALCULATIONS
 SHEET PH5 PHOTOMETRIC CALCULATIONS
 SHEET PH6 PHOTOMETRIC CALCULATIONS
 SHEET PH7 PHOTOMETRIC CALCULATIONS
 SHEET PH8 PHOTOMETRIC CUT SHEETS & DETAILS
 SHEET PH9 PHOTOMETRIC CUT SHEETS & DETAILS

PHOTOMETRIC COVER SHEET

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engineering corporation

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 165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
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PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.



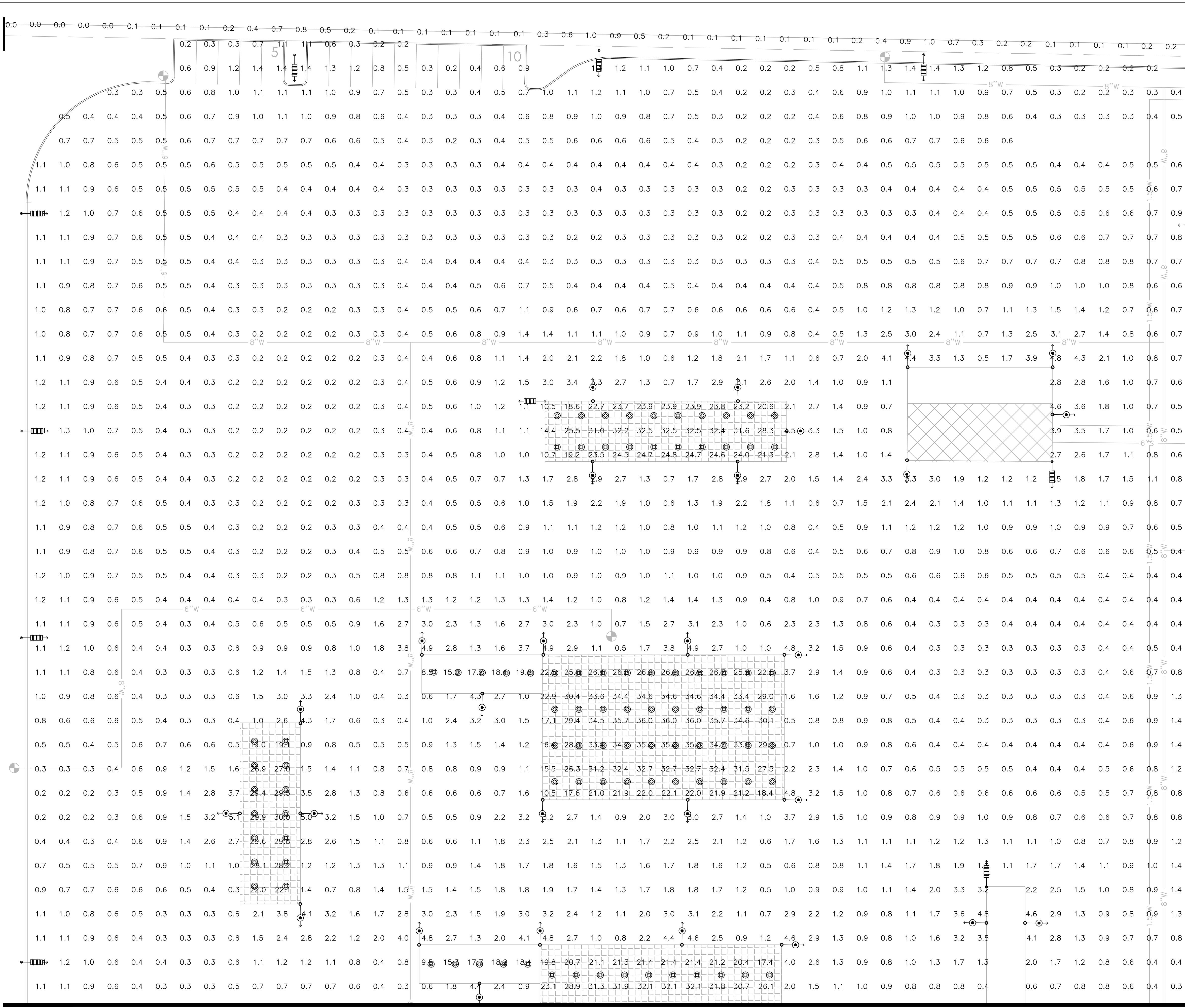
Professional Engineer
 73954
 JACOB
 BIELEFELDT
 State of Arizona
 Expires 06-30-24

PROJECT NAME:
 DESERT TRUSS WEST
 W PEORIA AVE & N DYSART RD
 PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
 PROJECT NO: **22374**

DESIGN BY: SKN **PH1**

MATCH LINE L
SEE SHEET PH7



MATCH LINE A
SEE SHEET PH3

MATCH LINE E
SEE SHEET PH5

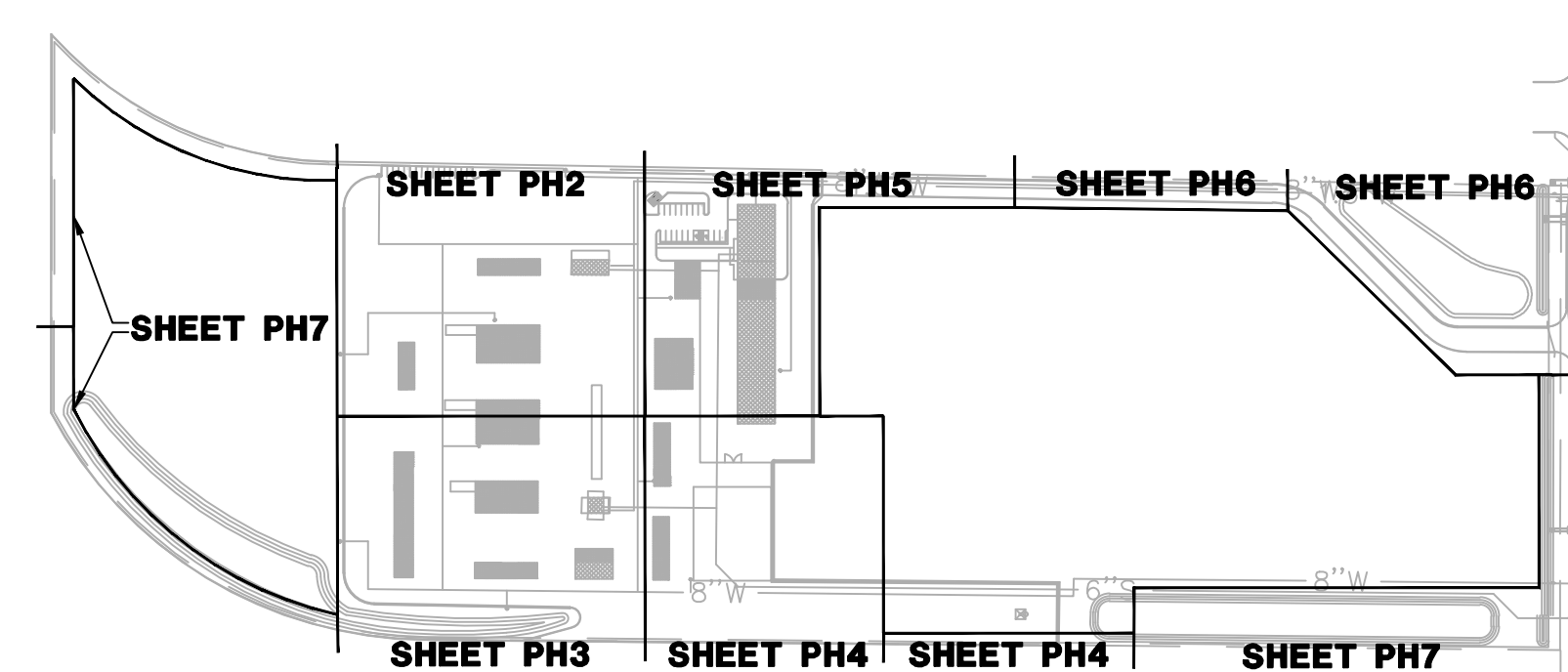
LEGEND

- GLEON T4FT 67W LED 25FT
candela file 'GLEON-SA1D-730-U-T4FT.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 67
mounting height = 25 ft
number locations = 13, number luminaires = 13
kw all locations = 0.9
- GLEON LED 67W T3 25FT
candela file 'GLEON-SA1D-730-U-T3.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 67
mounting height = 25 ft
number locations = 9, number luminaires = 9
kw all locations = 0.6
- GLEON 67W LED T5 25FT
candela file 'GLEON-SA1D-730-U-5WQ.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 67
mounting height = 25 ft
number locations = 4, number luminaires = 4
kw all locations = 0.3
- GAW 34W WALL MOUNT T4FT 11.5FT
candela file 'GAW-SA1A-730-U-T4FT.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 34
mounting height = 11.5 ft
number locations = 89, number luminaires = 89
kw all locations = 3.0
- GAW 34W WALL 15FT T4FT
candela file 'GAW-SA1A-730-U-T4FT.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 34
mounting height = 15 ft
number locations = 7, number luminaires = 7
kw all locations = 0.2
- GAW WALL T4FT 34W 13.5FT
candela file 'GAW-SA1A-730-U-T4FT.ies'
16 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 34
mounting height = 13.5 ft
number locations = 7, number luminaires = 7
kw all locations = 0.2
- CNC CANOPY LED E02 52W
candela file 'CNC-E02-LED-E1-SQ.ies'
42 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 52
mounting height = 10 ft
number locations = 308, number luminaires = 308
kw all locations = 16.0

CALCULATIONS

| ENTRY & PARKING | | BOUNDARY LINE | |
|------------------------------------|------|------------------------|------|
| 682 points at z=0, sp 10ft by 10ft | | 640 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 0.7 | Average | 0.1 |
| Maximum | 1.7 | Maximum | 1.3 |
| Minimum | 0.2 | Minimum | 0.0 |
| Avg:Min | 3.73 | Avg:Min | N/A |
| Max:Min | 8.50 | Max:Min | N/A |
| Coef Var | 0.51 | Coef Var | 2.48 |
| UnifGrad | 4.24 | | |

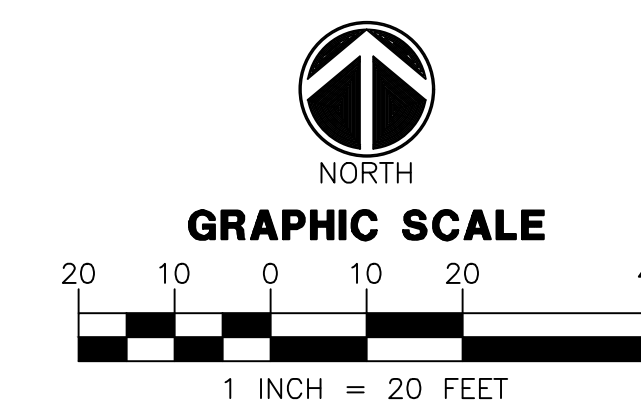
| OUTDOOR AREA | | CANOPY | |
|-------------------------------------|-------|------------------------|------|
| 3810 points at z=0, sp 10ft by 10ft | | 444 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 1.2 | Average | 26.0 |
| Maximum | 5.1 | Maximum | 36.3 |
| Minimum | 0.2 | Minimum | 8.0 |
| Avg:Min | 5.79 | Avg:Min | 3.25 |
| Max:Min | 25.50 | Max:Min | 4.54 |
| Coef Var | 0.79 | Coef Var | 0.25 |
| UnifGrad | 9.55 | | |



KEY MAP

NO SCALE

PHOTOMETRIC CALCULATIONS



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ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET FOR INFORMATION ONLY.

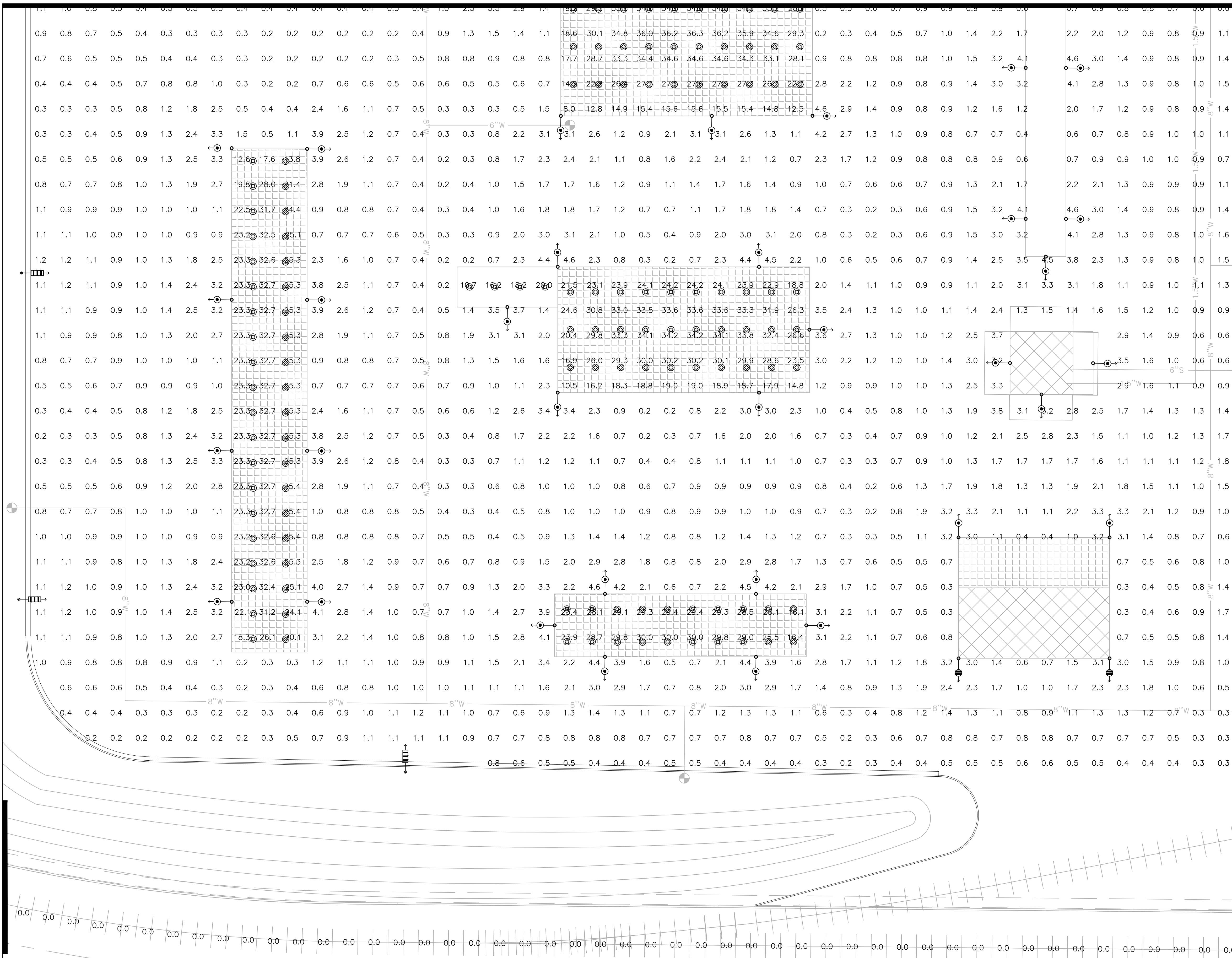
PROJECT NAME:
DESERT TRUSS WEST
W PEORIA AVE & N DYSART RD
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **22374**

DESIGN BY: SKN **PH2**

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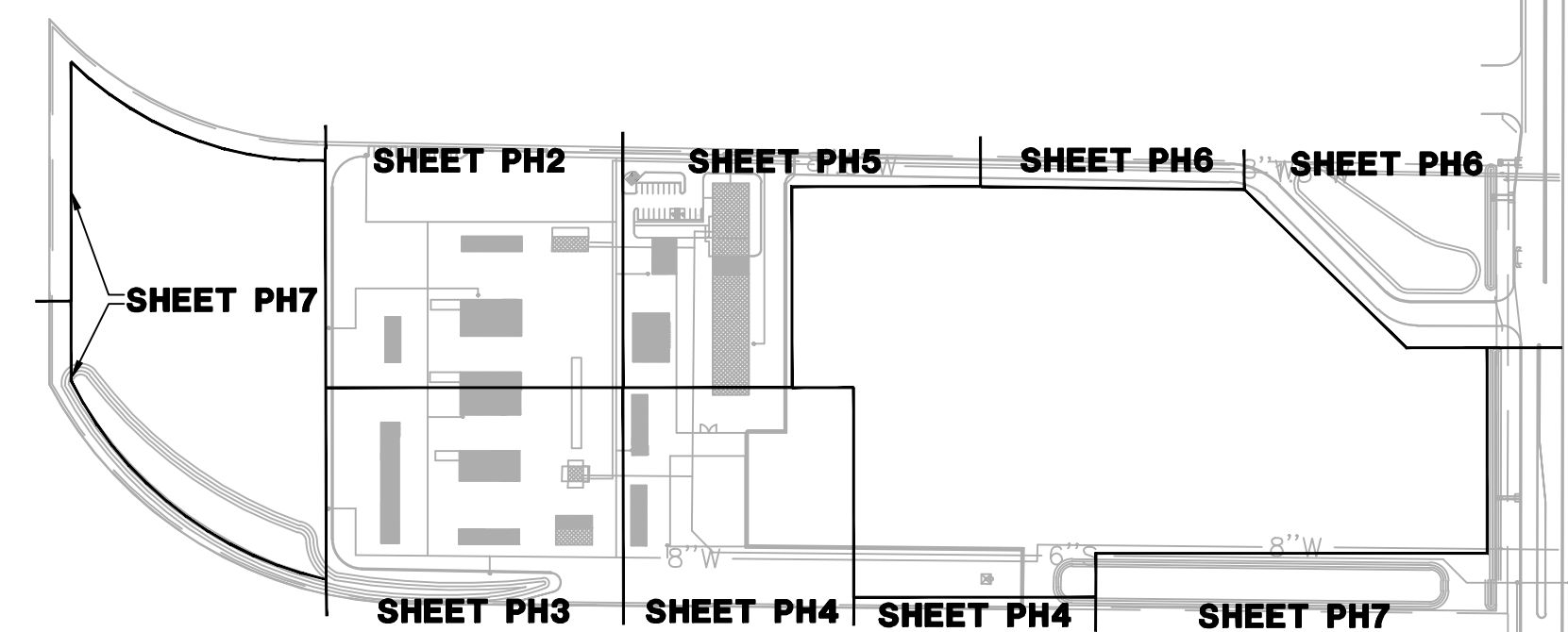
MATCH LINE A
SEE SHEET PH2



- LEGEND**
- GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
 - GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
 - GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
 - GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
 - GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-S0.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0

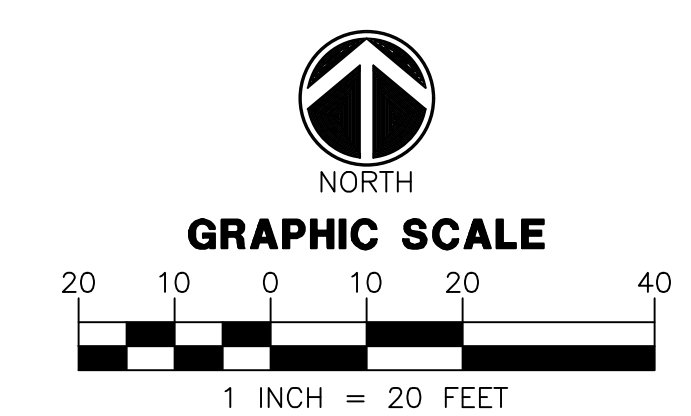
CALCULATIONS

| ENTRY & PARKING | | BOUNDARY LINE | |
|-------------------------------------|-------|------------------------|------|
| 682 points at z=0, sp 10ft by 10ft | | 640 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 0.7 | Average | 0.1 |
| Maximum | 1.7 | Maximum | 1.3 |
| Minimum | 0.2 | Minimum | 0.0 |
| Avg:Min | 3.73 | Avg:Min | N/A |
| Max:Min | 8.50 | Max:Min | N/A |
| Coef Var | 0.51 | Coef Var | 2.48 |
| UnifGrad | 4.24 | | |
| OUTDOOR AREA | | CANOPY | |
| 3810 points at z=0, sp 10ft by 10ft | | 444 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 1.2 | Average | 26.0 |
| Maximum | 5.1 | Maximum | 36.3 |
| Minimum | 0.2 | Minimum | 8.0 |
| Avg:Min | 5.79 | Avg:Min | 3.25 |
| Max:Min | 25.50 | Max:Min | 4.54 |
| Coef Var | 0.79 | Coef Var | 0.25 |
| UnifGrad | 9.55 | | |



KEY MAP

NO SCALE



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engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
DESERT TRUSS WEST
W PEORIA AVE & N DYSART RD
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **22374**

DESIGN BY: SKN **PH3**

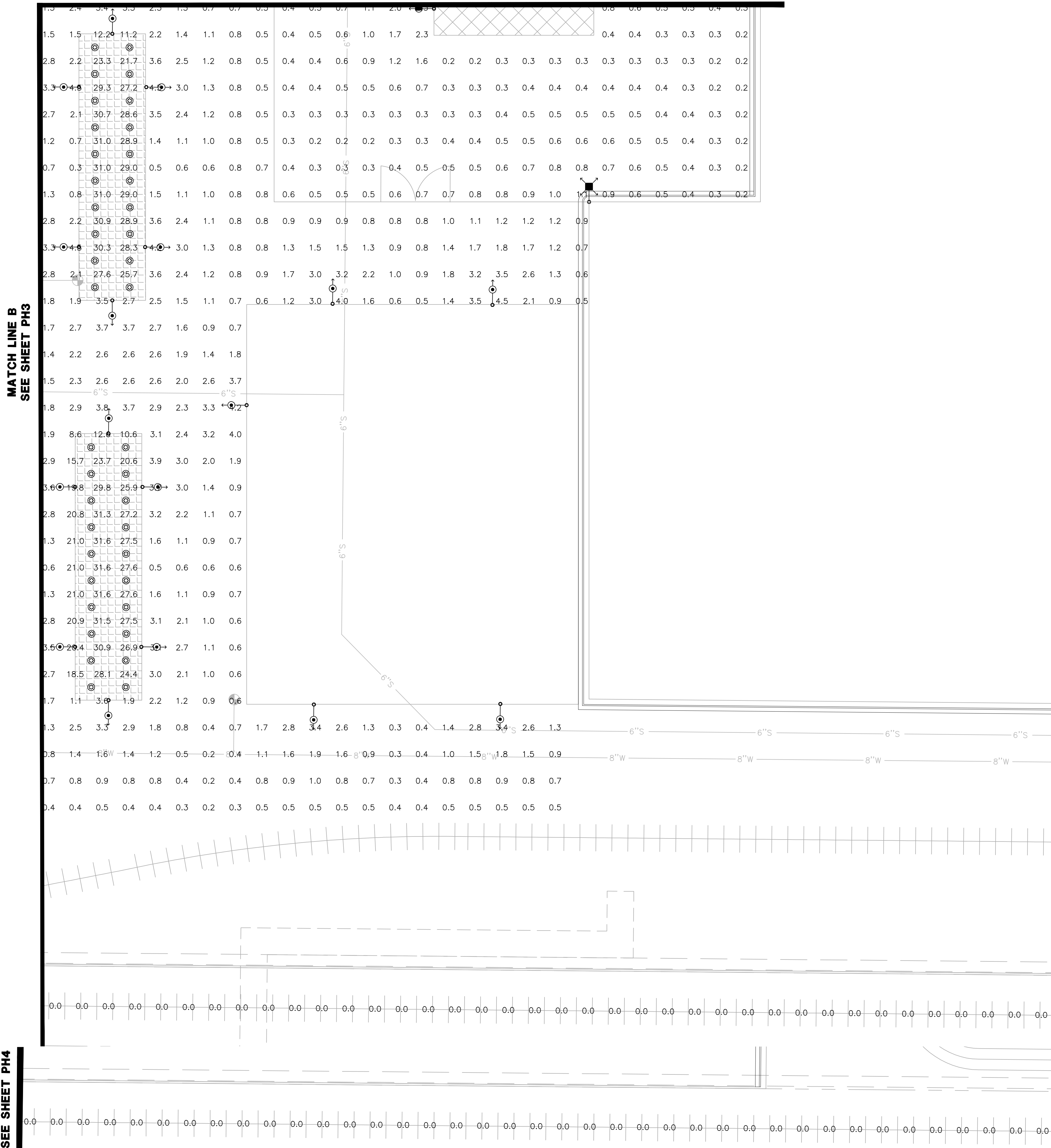
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PHOTOMETRIC CALCULATIONS

MATCH LINE J
SEE SHEET PH7

MATCH LINE B
SEE SHEET PH4

MATCH LINE D
SEE SHEET PH5

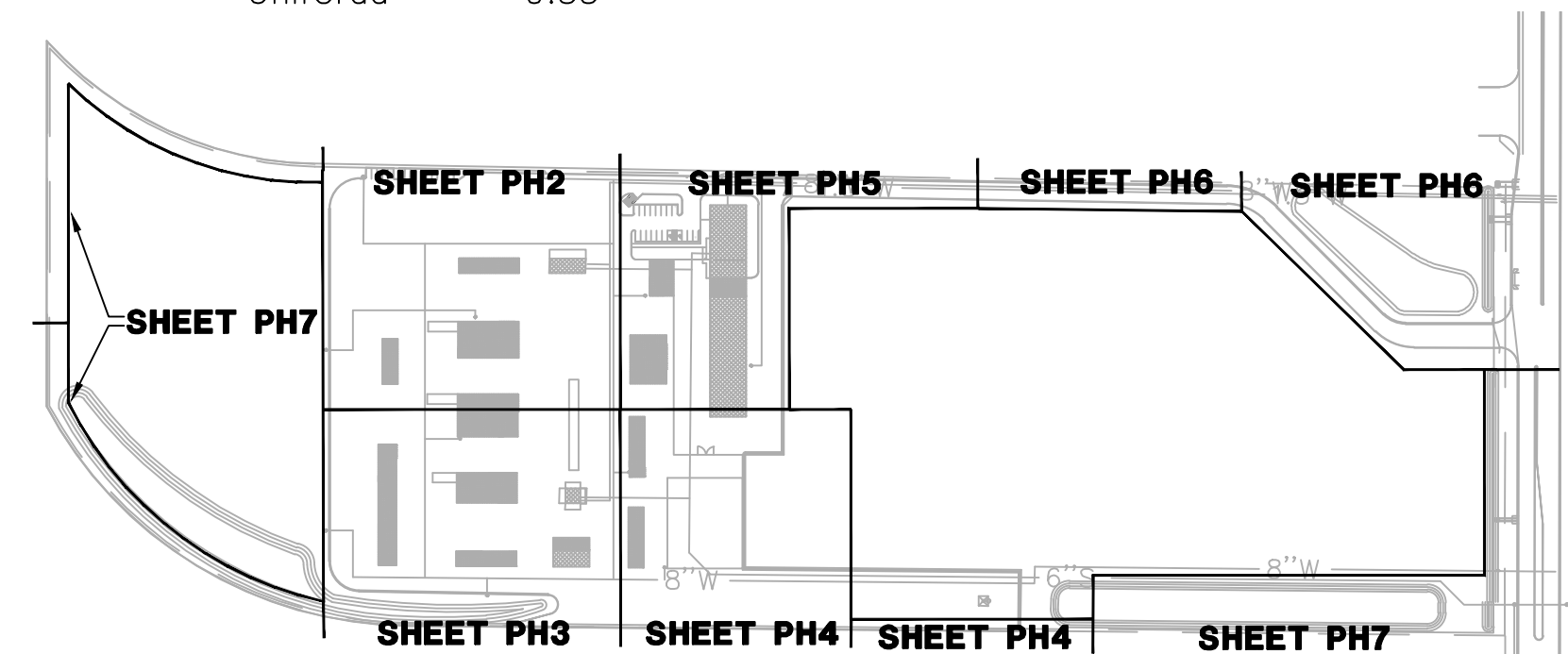


LEGEND

- GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
- GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
- GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
- GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
- GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-S0.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0

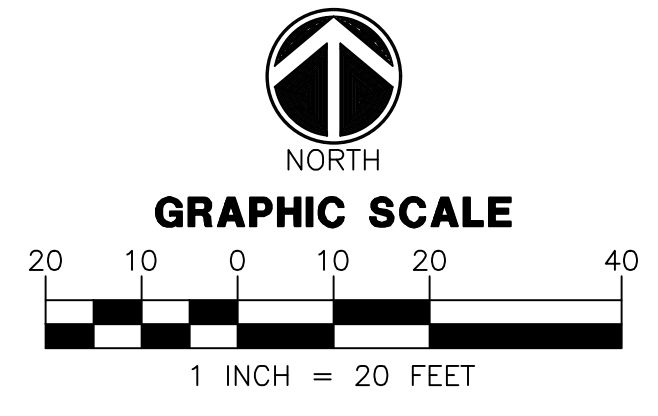
CALCULATIONS

| ENTRY & PARKING | | BOUNDARY LINE | |
|-------------------------------------|-------|------------------------|------|
| 682 points at z=0, sp 10ft by 10ft | | 640 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 0.7 | Average | 0.1 |
| Maximum | 1.7 | Maximum | 1.3 |
| Minimum | 0.2 | Minimum | 0.0 |
| Avg:Min | 3.73 | Avg:Min | N/A |
| Max:Min | 8.50 | Max:Min | N/A |
| Coef Var | 0.51 | Coef Var | 2.48 |
| UnifGrad | 4.24 | | |
| OUTDOOR AREA | | CANOPY | |
| 3810 points at z=0, sp 10ft by 10ft | | 444 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 1.2 | Average | 26.0 |
| Maximum | 5.1 | Maximum | 36.3 |
| Minimum | 0.2 | Minimum | 8.0 |
| Avg:Min | 5.79 | Avg:Min | 3.25 |
| Max:Min | 25.50 | Max:Min | 4.54 |
| Coef Var | 0.79 | Coef Var | 0.25 |
| UnifGrad | 9.55 | | |



KEY MAP

NO SCALE



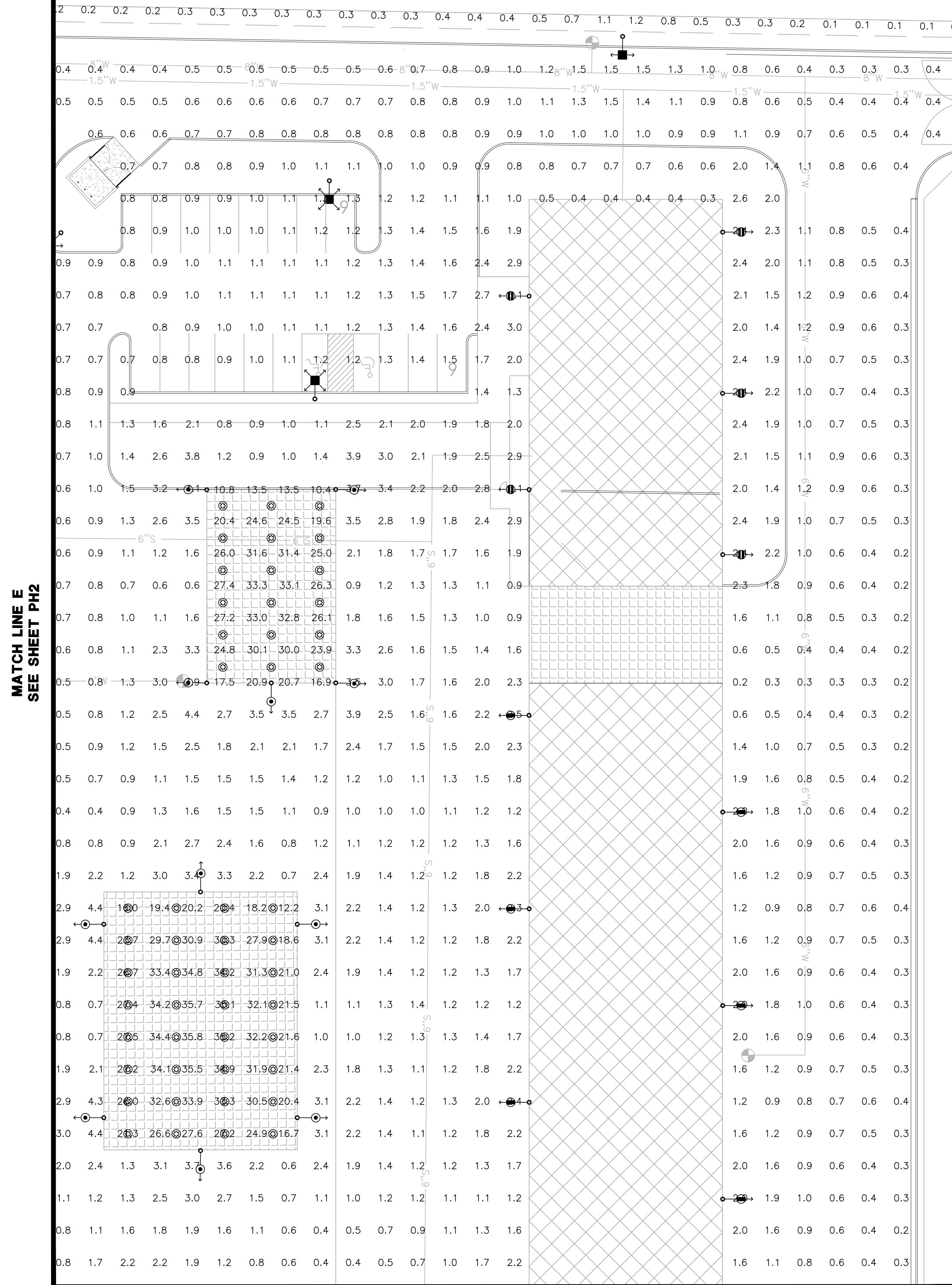
WRIGHT
 engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
 165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
 PHONE 480.497.5829 • FAX 480.497.5807

**PHOTOMETRIC CALCULATION
 SHEET FOR INFORMATION ONLY.**

| | |
|--|--|
| | <p>PROJECT NAME: DESERT TRUSS WEST W PEORIA AVE & N DYSART RD PHOTOMETRIC LIGHTING PLAN</p> <p>WRIGHT ENG. PROJECT NO: 22374</p> <p>DESIGN BY: SKN PH4</p> |
|--|--|

PHOTOMETRIC CALCULATIONS

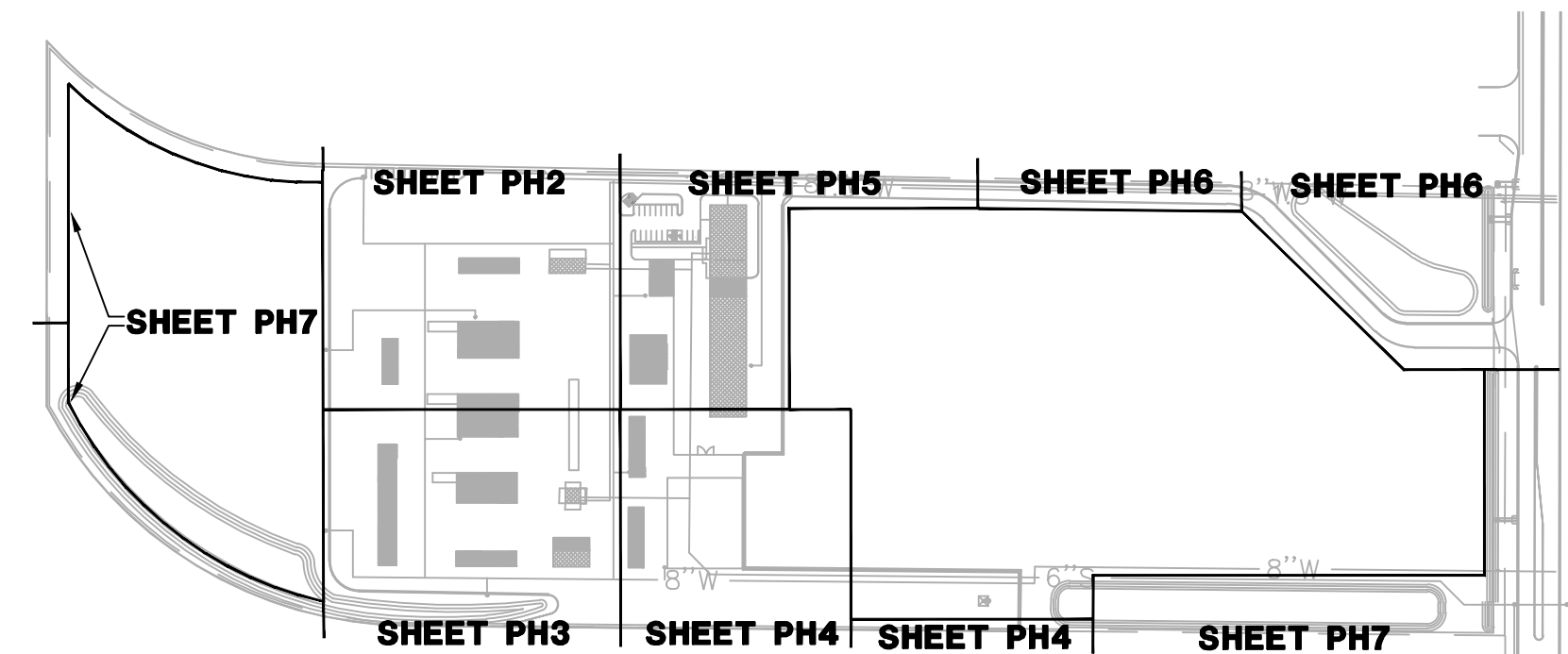


LEGEND

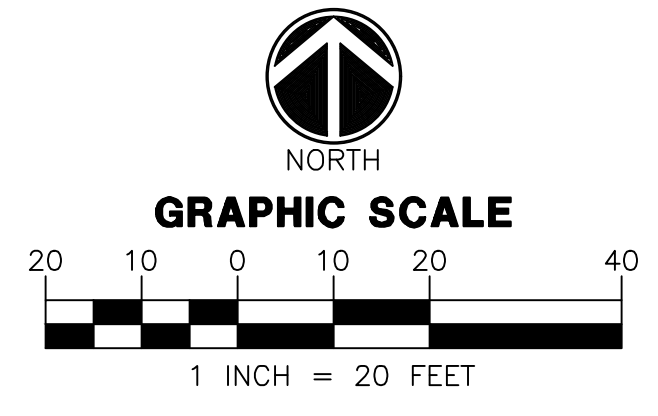
- GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
- GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
- GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
- GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
- GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
- CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-SQ.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0

CALCULATIONS

| | | | |
|-------------------------------------|-------|-------------------------------|------|
| ENTRY & PARKING | | BOUNDARY LINE | |
| 682 points at z=0, sp 10ft by 10ft | | 640 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 0.7 | Average | 0.1 |
| Maximum | 1.7 | Maximum | 1.3 |
| Minimum | 0.2 | Minimum | 0.0 |
| Avg:Min | 3.73 | Avg:Min | N/A |
| Max:Min | 8.50 | Max:Min | N/A |
| Coef Var | 0.51 | Coef Var | 2.48 |
| UnifGrad | 4.24 | | |
| OUTDOOR AREA | | CANOPY | |
| 3810 points at z=0, sp 10ft by 10ft | | 444 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average | 1.2 | Average | 26.0 |
| Maximum | 5.1 | Maximum | 36.3 |
| Minimum | 0.2 | Minimum | 8.0 |
| Avg:Min | 5.79 | Avg:Min | 3.25 |
| Max:Min | 25.50 | Max:Min | 4.54 |
| Coef Var | 0.79 | Coef Var | 0.25 |
| UnifGrad | 9.55 | | |



KEY MAP
NO SCALE



PHOTOMETRIC CALCULATIONS

MATCH LINE D
SEE SHEET PH4

MATCH LINE E
SEE SHEET PH2

MATCH LINE F
SEE SHEET PH6

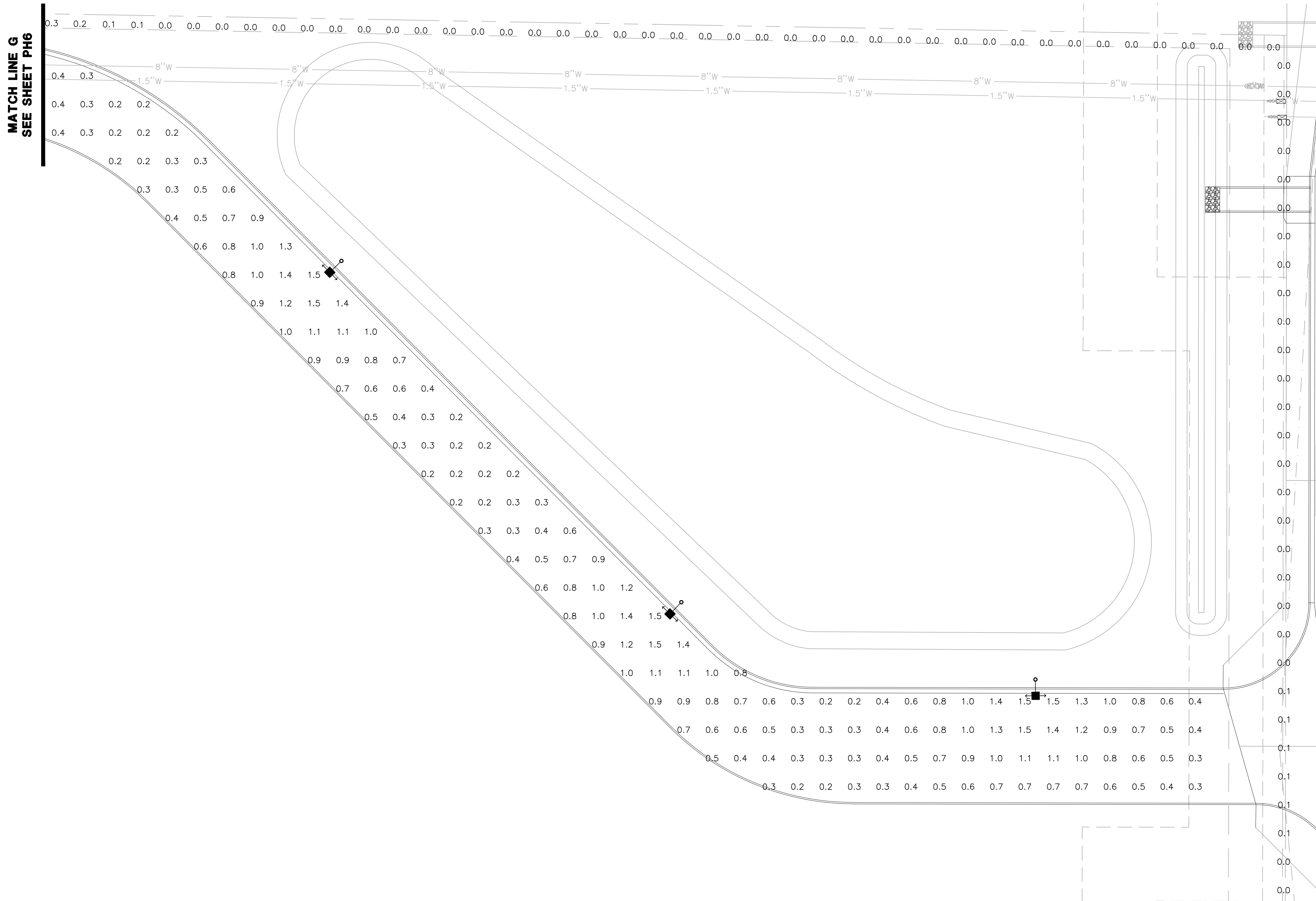
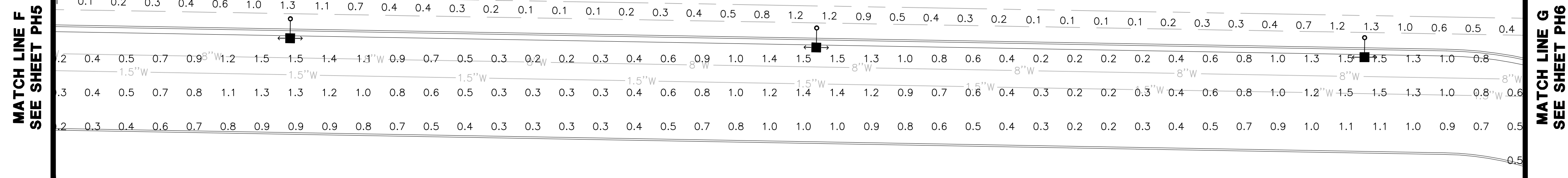
WRIGHT
engineering corporation

ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION
SHEET. FOR INFORMATION ONLY.

| | |
|---|----------------------------------|
| <p>PROJECT NAME: DESERT TRUSS WEST W PEORIA AVE & N DYSART RD PHOTOMETRIC LIGHTING PLAN</p> <p>WRIGHT ENG. PROJECT NO: 22374</p> | <p>DESIGN BY: SKN PH5</p> |
|---|----------------------------------|

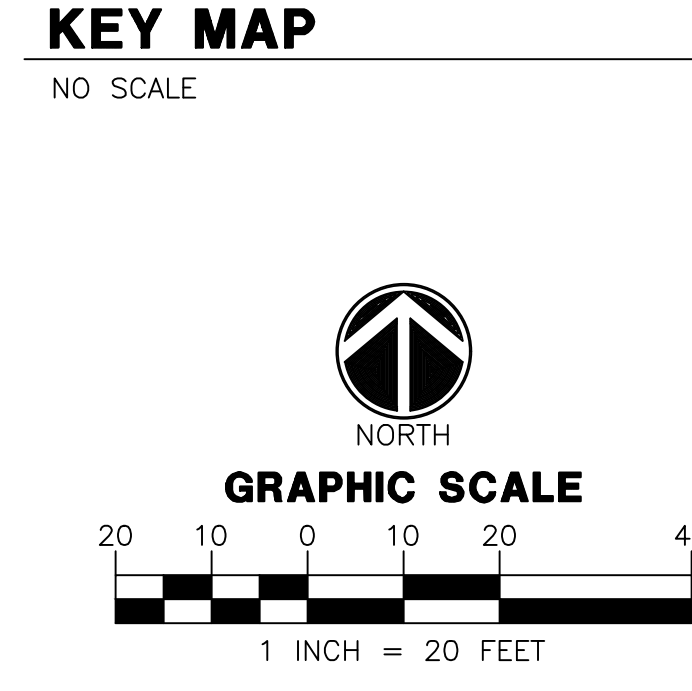
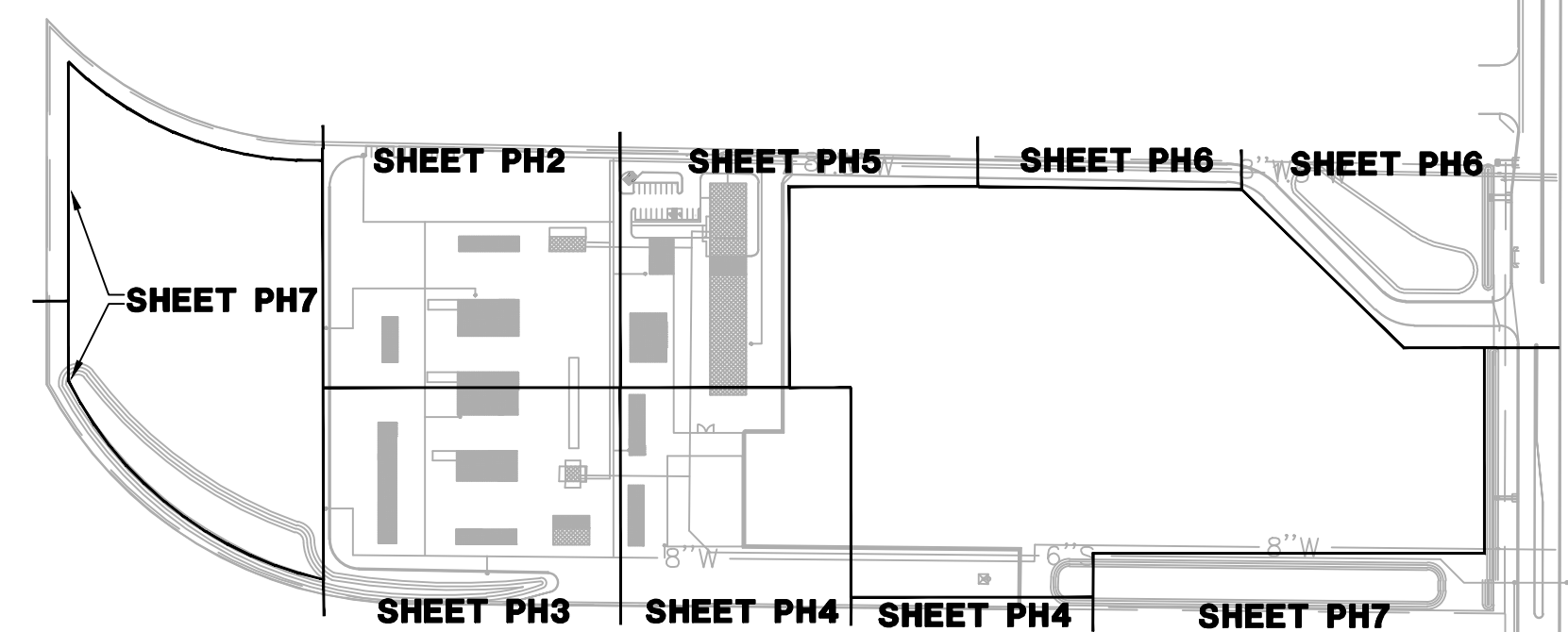
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- LEGEND**
- GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
 - GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
 - GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
 - GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
 - GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-S0.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0

CALCULATIONS

| ENTRY & PARKING | | BOUNDARY LINE | |
|-------------------------------------|--|------------------------|--|
| 682 points at z=0, sp 10ft by 10ft | | 640 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average 0.7 | | Average 0.1 | |
| Maximum 1.7 | | Maximum 1.3 | |
| Minimum 0.2 | | Minimum 0.0 | |
| Avg:Min 3.73 | | Avg:Min N/A | |
| Max:Min 8.50 | | Max:Min N/A | |
| Coef Var 0.51 | | Coef Var 2.48 | |
| UnifGrad 4.24 | | | |
| OUTDOOR AREA | | CANOPY | |
| 3810 points at z=0, sp 10ft by 10ft | | 444 points | |
| HORIZONTAL FOOTCANDLES | | HORIZONTAL FOOTCANDLES | |
| Average 1.2 | | Average 26.0 | |
| Maximum 5.1 | | Maximum 36.3 | |
| Minimum 0.2 | | Minimum 8.0 | |
| Avg:Min 5.79 | | Avg:Min 3.25 | |
| Max:Min 25.50 | | Max:Min 4.54 | |
| Coef Var 0.79 | | Coef Var 0.25 | |
| UnifGrad 9.55 | | | |



PHOTOMETRIC CALCULATIONS

WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

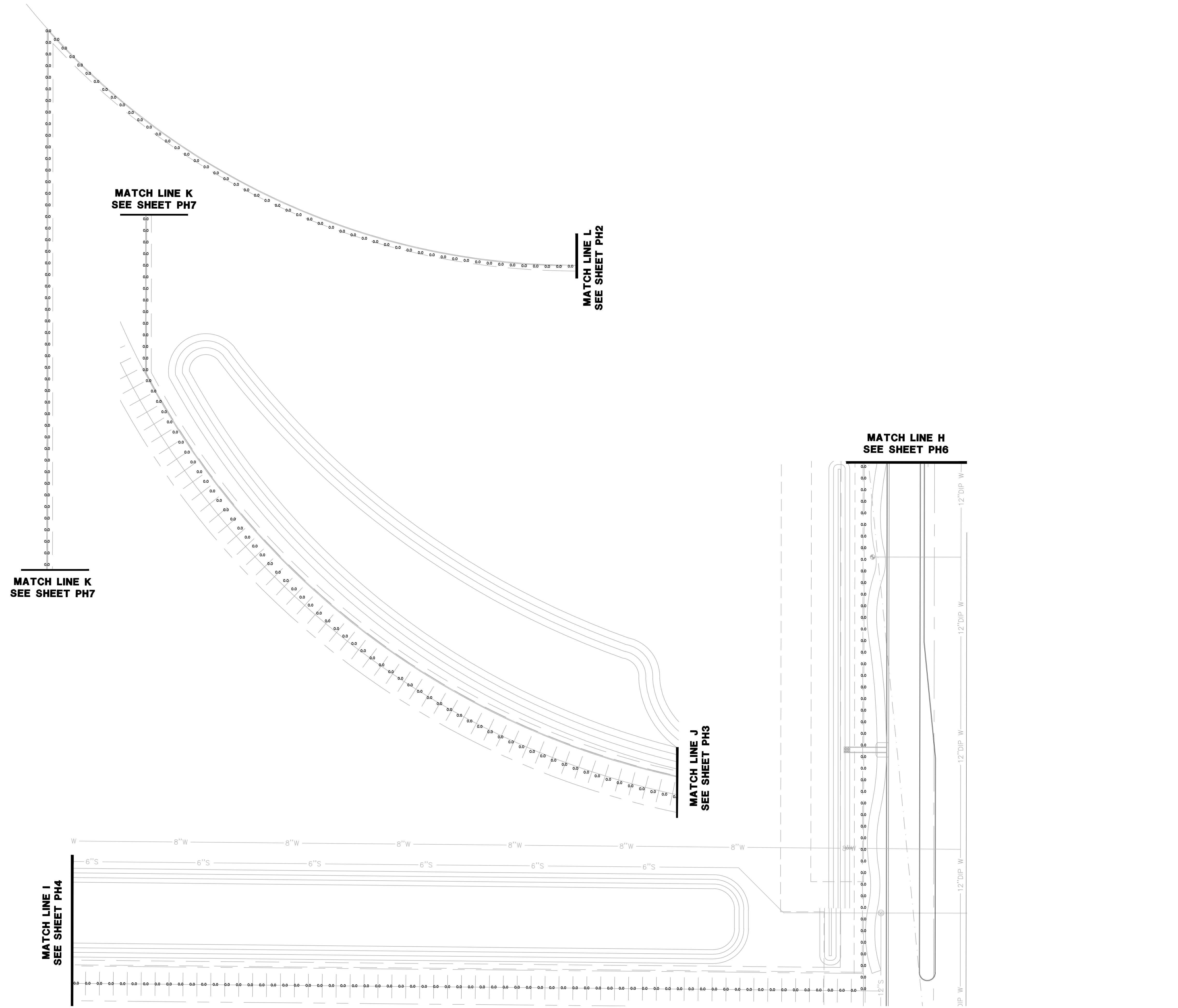
PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
DESERT TRUSS WEST
W PEORIA AVE & N DYSART RD
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **22374**

DESIGN BY: SKN **PH6**

Professional Engineer Seal: 73954 JACOB BIELEFELD, Expires 06-24

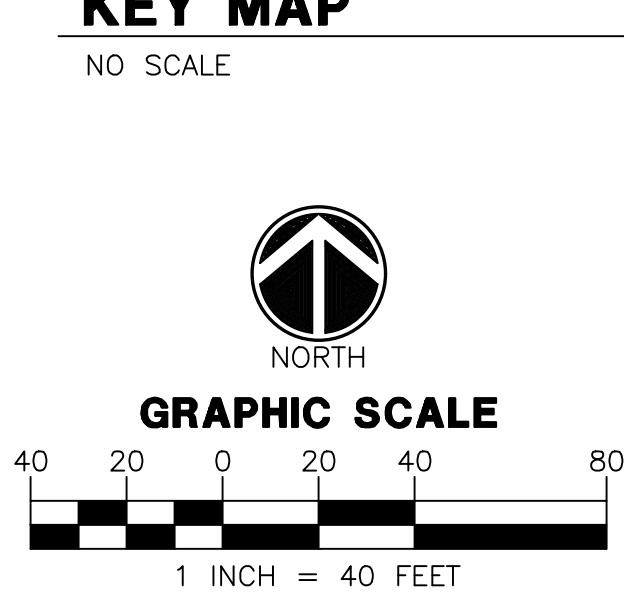
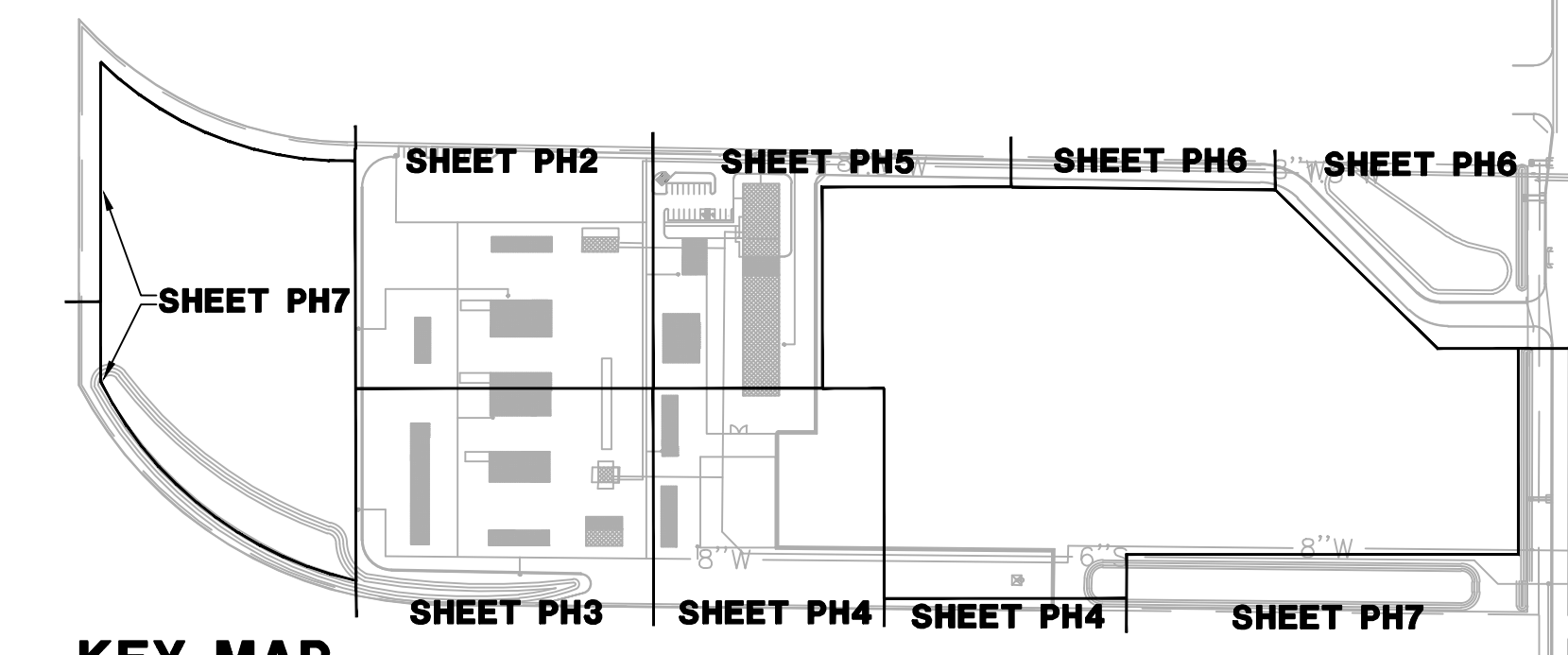


- ### LEGEND
- GLEON T4FT 67W LED 25FT
 candela file 'GLEON-SA1D-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 13, number luminaires= 13
 kw all locations= 0.9
 - GLEON LED 67W T3 25FT
 candela file 'GLEON-SA1D-730-U-T3.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 9, number luminaires= 9
 kw all locations= 0.6
 - GLEON 67W LED T5 25FT
 candela file 'GLEON-SA1D-730-U-5WQ.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 67
 mounting height= 25 ft
 number locations= 4, number luminaires= 4
 kw all locations= 0.3
 - GAW 34W WALL MOUNT T4FT 11.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 11.5 ft
 number locations= 89, number luminaires= 89
 kw all locations= 3.0
 - GAW 34W WALL 15FT T4FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 15 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - GAW WALL T4FT 34W 13.5FT
 candela file 'GAW-SA1A-730-U-T4FT.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 34
 mounting height= 13.5 ft
 number locations= 7, number luminaires= 7
 kw all locations= 0.2
 - CNC CANOPY LED E02 52W
 candela file 'CNC-E02-LED-E1-S0.ies'
 42 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 0.900, watts per luminaire = 52
 mounting height= 10 ft
 number locations= 308, number luminaires= 308
 kw all locations= 16.0

CALCULATIONS

| ENTRY & PARKING | BOUNDARY LINE |
|------------------------------------|------------------------|
| 682 points at z=0, sp 10ft by 10ft | 640 points |
| HORIZONTAL FOOTCANDLES | HORIZONTAL FOOTCANDLES |
| Average 0.7 | Average 0.1 |
| Maximum 1.7 | Maximum 1.3 |
| Minimum 0.2 | Minimum 0.0 |
| Avg:Min 3.73 | Avg:Min N/A |
| Max:Min 8.50 | Max:Min N/A |
| Coef Var 0.51 | Coef Var 2.48 |
| UnifGrad 4.24 | |

| OUTDOOR AREA | CANOPY |
|-------------------------------------|------------------------|
| 3810 points at z=0, sp 10ft by 10ft | 444 points |
| HORIZONTAL FOOTCANDLES | HORIZONTAL FOOTCANDLES |
| Average 1.2 | Average 26.0 |
| Maximum 5.1 | Maximum 36.3 |
| Minimum 0.2 | Minimum 8.0 |
| Avg:Min 5.79 | Avg:Min 3.25 |
| Max:Min 25.50 | Max:Min 4.54 |
| Coef Var 0.79 | Coef Var 0.25 |
| UnifGrad 9.55 | |



PHOTOMETRIC CALCULATIONS

WRIGHT
engineering corporation

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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET FOR INFORMATION ONLY.

| | |
|--|--|
| <p style="font-size: x-small;">Professional Engineer 73954 JACOB BIELEFELDT Arizona Date Signed: 11/23/22 Expires 01/30/24</p> | <p>PROJECT NAME: DESERT TRUSS WEST W PEORIA AVE & N DYSART RD PHOTOMETRIC LIGHTING PLAN</p> <p>WRIGHT ENG. PROJECT NO: 22374</p> <p>DESIGN BY: SKN PH7</p> |
|--|--|

H:\2022\22374-Desert Truss\Photometrics\22374-Ph7.dwg

| | | |
|-------------|-----------|------|
| Project | Catalog # | Type |
| Prepared by | Notes | Date |



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



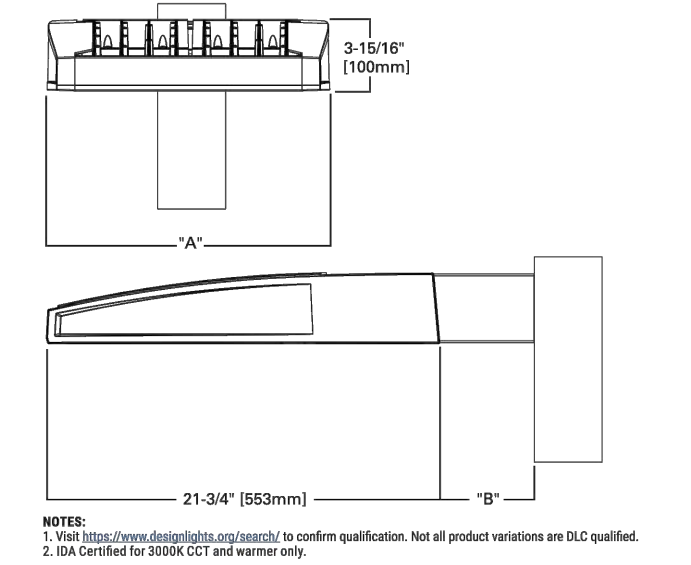
Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 9

Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Dimensional Details



| Number of Light Squares | "A" Width | "B" Standard Arm Length | "C" Extended Arm Length | "D" Quick Mount Arm Length | "E" Quick Mount Extended Arm Length |
|-------------------------|-----------|-------------------------|-------------------------|----------------------------|-------------------------------------|
| 1-4 | 15-1/2" | 7" | 10" | 10-5/8" | 16-9/16" |
| 5-6 | 21-5/8" | 7" | 10" | 10-5/8" | 16-9/16" |
| 7-8 | 27-5/8" | 7" | 13" | 10-5/8" | -- |
| 9-10 | 33-3/4" | 7" | 16" | -- | -- |

NOTE: See selection requirements and additional line art, see Mounting Details section.



McGraw-Edison GLEON Galleon

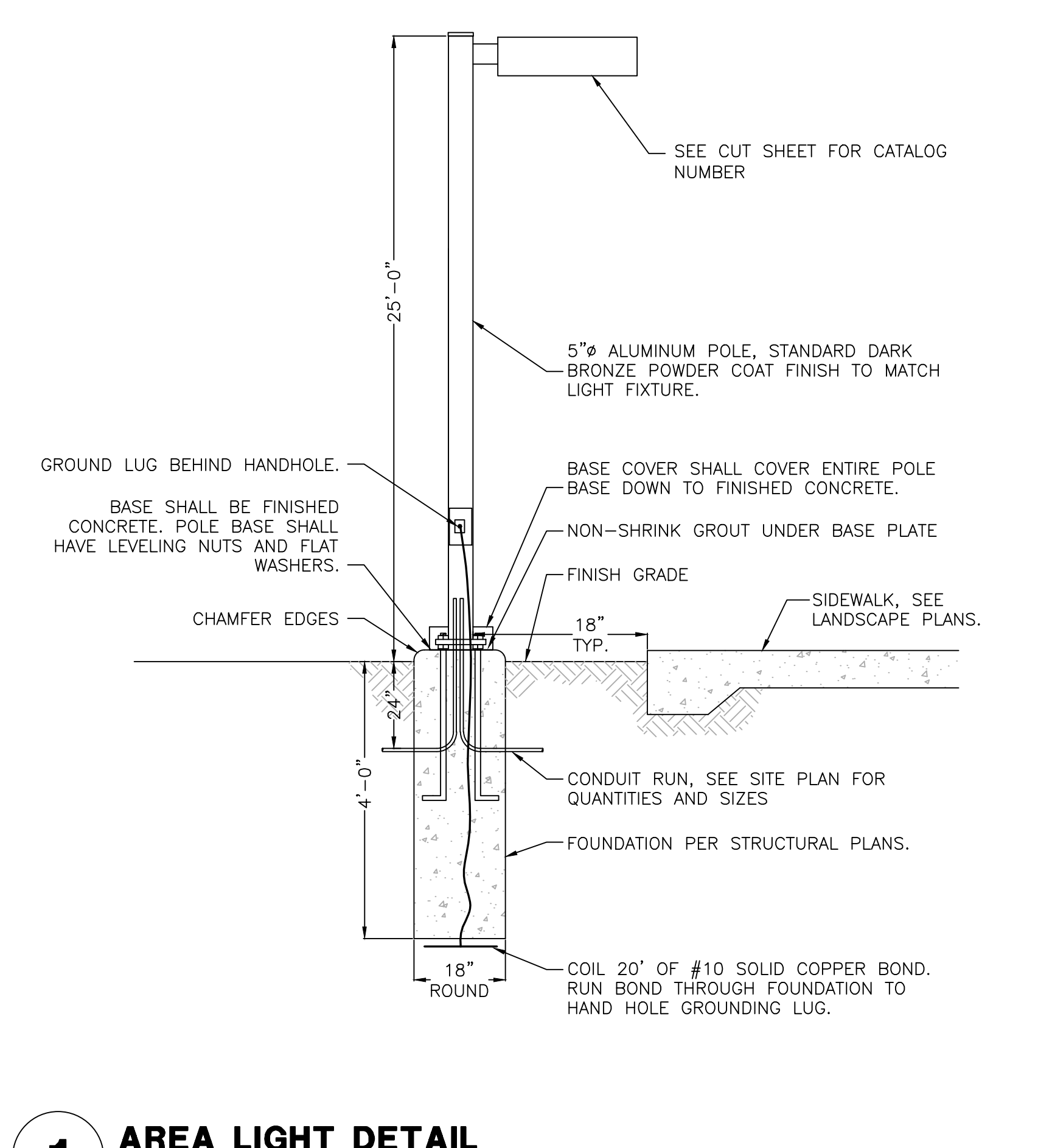
| Product Family | Configuration | Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|----------------|---------------|---------------|-------------------|---------|--------------|--|---|
| GLEON Galleon | AA11-F Square | 1200mA | 722-700K, 2200K | 2-230V | T2-Type II | 11A-Mount Arm for Round or Square Pole | AP-Gray B2-Brnze B3-Black B4-White B5-Copper B6-White B7-White B8-White B9-White B10-White |

| Product Family | Configuration | Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|----------------|---------------|---------------|-------------------|---------|--------------|--|---|
| GLEON Galleon | AA11-F Square | 1200mA | 722-700K, 2200K | 2-230V | T2-Type II | 11A-Mount Arm for Round or Square Pole | AP-Gray B2-Brnze B3-Black B4-White B5-Copper B6-White B7-White B8-White B9-White B10-White |



McGraw-Edison GLEON Galleon Lumen Tables

| Performance Data | 3000K CCT, 70 CRI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Drive Current | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA | 1200mA |
| Number of Light Squares | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Lumens | 7,260 | 14,189 | 21,168 | 27,972 | 34,566 | 41,473 | 49,248 | 55,773 | 61,992 | 68,634 | |



1 AREA LIGHT DETAIL

NO SCALE

| | | |
|-------------|-----------|------|
| Project | Catalog # | Type |
| Prepared by | Notes | Date |



Streetworks GAW Galleon Wall

Wall Mount Luminaire

Product Features



Product Certifications



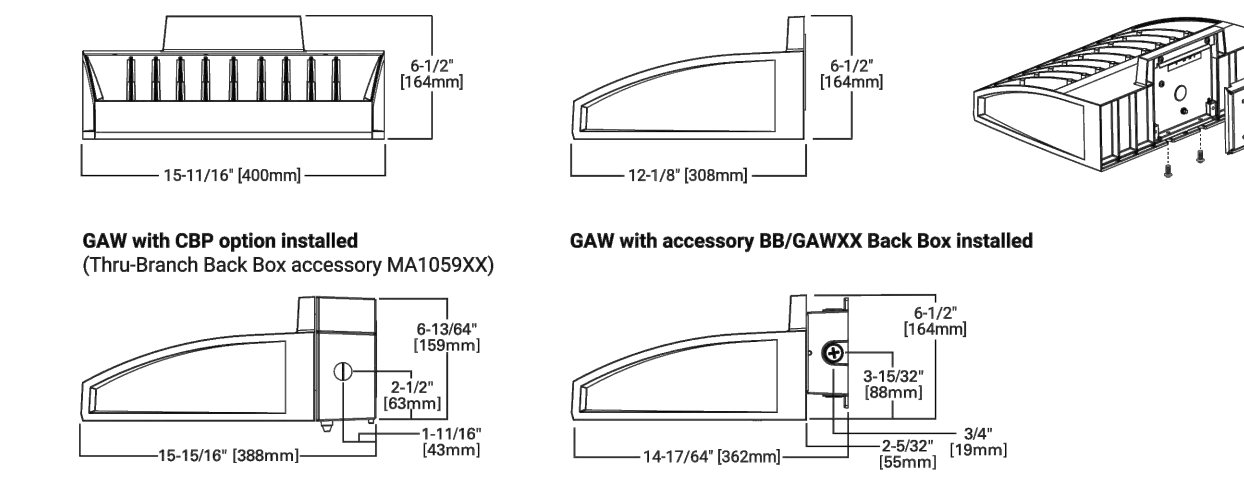
Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Optical Distributions page 3
- Energy and Performance Data page 4
- Control Options page 6

Quick Facts

- Choice of thirteen high-efficiency, patented AccuLED Optics
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,056
- Efficacies up to 154 lumens per watt

Dimensional Details



Connected Systems

- WaveLinx
- Enlighted

Streetworks GAW Galleon Wall

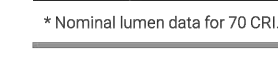
| Product Family | Configuration | Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|----------------|---------------|---------------|-------------------|---------|--------------|--|---|
| Streetworks | AA11-F Square | 1200mA | 722-700K, 2200K | 2-230V | T2-Type II | 11A-Mount Arm for Round or Square Pole | AP-Gray B2-Brnze B3-Black B4-White B5-Copper B6-White B7-White B8-White B9-White B10-White |

| Product Family | Configuration | Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|----------------|---------------|---------------|-------------------|---------|--------------|--|---|
| Streetworks | AA11-F Square | 1200mA | 722-700K, 2200K | 2-230V | T2-Type II | 11A-Mount Arm for Round or Square Pole | AP-Gray B2-Brnze B3-Black B4-White B5-Copper B6-White B7-White B8-White B9-White B10-White |



Streetworks GAW Galleon Wall

| Performance Data | 3000K CCT, 80 CRI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------------------|-------------------|-------|--------|-------|-------|-------|--------|--------|---|----|----|
| Drive Current | 615mA | 800mA | 1050mA | 1.2A | 615mA | 800mA | 1050mA | 1.2A | | | |
| Number of Light Squares | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Lumens | 3,880 | 4,759 | 5,890 | 6,461 | 7,583 | 9,300 | 11,510 | 12,628 | | | |



WRIGHT
engineering corporation

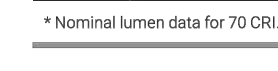
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
DESERT TRUSS WEST
W PEORIA AVE & N DYSART RD
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **22374**

DESIGN BY: SKN **PH8**



WALL-MOUNTED AREA LIGHT

DESCRIPTION

The Concise™ LED luminaire features a rugged and low profile housing construction incorporating patent pending, modular LED LightBAR™ technology. Through superior optical control, the Concise luminaire delivers uniform and energy conscious illumination optimized to improve vehicle movement and pedestrian safety. UL/cUL listed for wet locations.

SPECIFICATION FEATURES

Construction
One-piece, low copper die-cast aluminum housing features heavy wall construction for superior heat transfer and resistance to corrosion. Formed aluminum faceplate is secured via four stainless steel fasteners and is recessed for clean mating of door and housing. Optional tamper-proof Torx™-head fasteners offer vandal resistant access to the electrical compartment.

Optics
Choice of nine patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 5000K CCT and 5700K CCT.

Electrical
LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common- and differential-mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Mounting
Standard fixture mounts to a square or octagonal 4" surface or recessed J-box via heavy gauge painted quick mount box complete with toolless removable cable allowing for hands-free fixture wiring. Single carton packaging of

housing and quick mounting box for contractor friendly arrival of product to site. Optional mounting methods include rigid or free swinging pendant, trunnion mount and wall mount and surface mount configurations.

Finish
Cast components and mounting box finished in a super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

McGraw-Edison

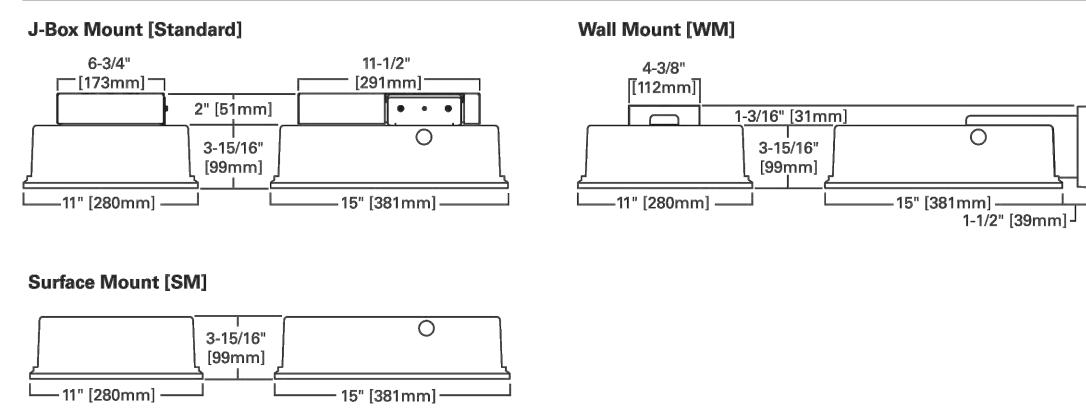
| | |
|-------------|------|
| Catalog # | Type |
| Project | Date |
| Comments | |
| Prepared by | |



CNC CONCISE LED

1 - 4 LightBARs
Solid State LED
CANOPY LUMINAIRE

MOUNTING METHODS



CERTIFICATION DATA

UL/cUL Listed
LM79 / LM80 Compliant
IP66 Fixture Rating
IP66 LightBARs
ISO 9001

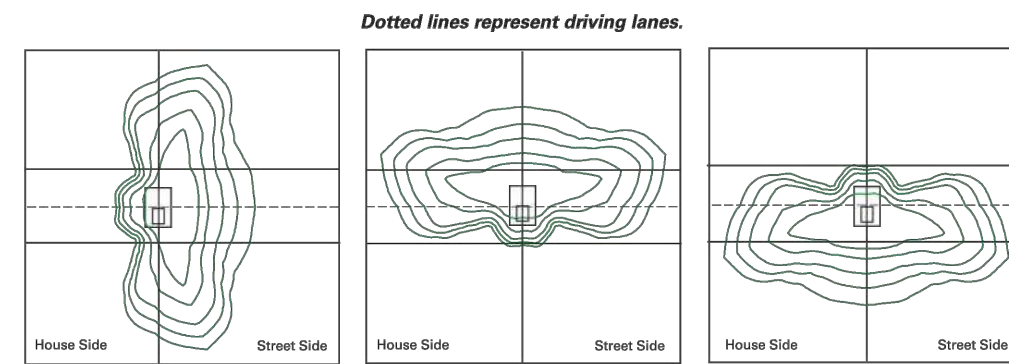
ENERGY DATA
Electronic LED Driver
≥0.9 Power Factor
±20% Total Harmonic Distortion
120V/277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating
50°C Ambient Temperature Rating (HA option)

SHIPPING DATA
Approximate Net Weight:
16 lbs. (8 kgs.)



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OPTIC ORIENTATION



ORDERING INFORMATION

| | | | | | |
|----------------|---------------------|---|------------------------------------|--|--|
| Product Family | Number of LightBARs | Lamp Type | Voltage | Distribution | Color |
| CNC-Concise | 1-4 LightBARs | LED-Optical Rotated Left Emitting Down | 120-277V 347V/60Hz 480-480V* | OS-Downward Throw V-Square WV-Type V Square WV-Type V Square GL3-Type III w/Glare Control GL3-Type III w/Glare Control GL4-Type IV w/Glare Control PPL-SP Forward Throw Perimeter Left CPR-SP Forward Throw Perimeter Right | MA-Classic MA-Platinum MA-Graphite Metallic TW-True White |

| | | |
|--|--|--|
| Options (Add as Suffix) | MA-Surface Mount* | MA12S3-10kV Circuit Module Replacement |
| DM-A-10V Dimming Drivers* | MA-20°C High Ambient Temperature Rating* | PV-WIP-Field Insulated Wire Guard |
| SL-True Circuitry** | WM-Wall Mount | |
| LM-Optical Rotated 90° Left | LM-Optical Rotated 90° Right | |
| TM-Tamper-Resistant Fasteners | TM-Tamper-Resistant Fasteners | |
| TS-Tamper Mount with Connection Box (Some Assembly Required) | | |

* Available in models with 100, 200, or 400 LED. Low-harmonic values by bar count specified. Consult factory.
** Not available with HA option. Not available in EM or FM or FM with 347V or 480V.
*** Not available in models with 50k or 100k.
**** Consult factory before ordering in combination with OSX option.
***** Surface mount configuration limited to 20°C ambient conditions.
***** Least three apply. See website for 82.5kVA.
***** Available in external box mounted to the luminaire. Available in ESD-604 and R22 R24 configurations. Replace X with number of LightBARs (e.g., OS2 controlled by the occupancy sensor, default time delay setting is 15 minutes. Standard time delay is 12' mounting height, 30' and maximum 35' diameter. For other configurations, contact customer service.



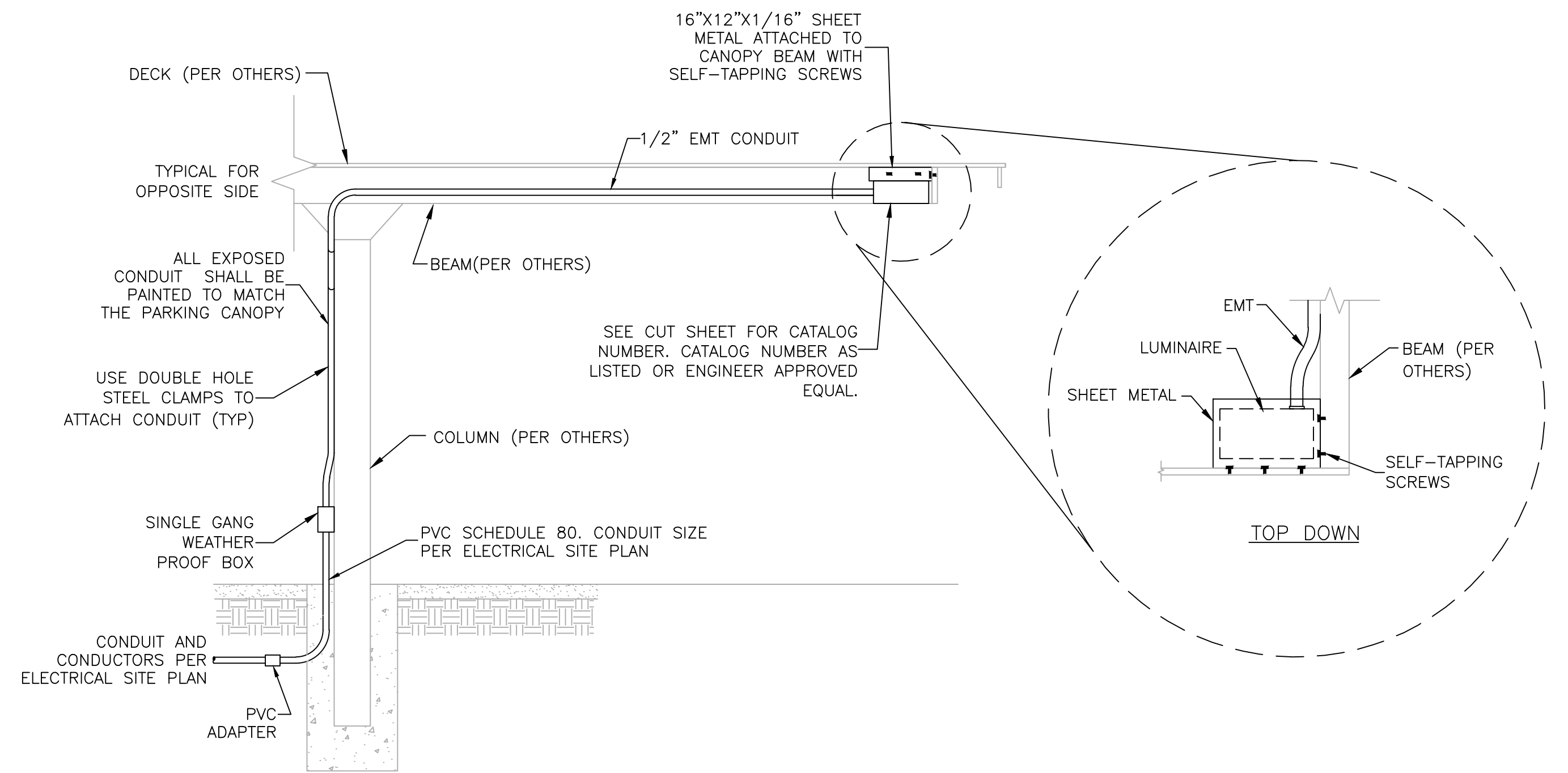
Eaton
1201 Highway 78 South
Pineville, NC, USA 28130
P: 770-486-4800
www.eaton.com/megawatt

Specifications and dimensions subject to change without notice.

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2017-04-18 10:06:50

CANOPY-MOUNTED LIGHT

CNC CONCISE LED



2 CANOPY LIGHT DETAIL
NO SCALE



Eaton
1201 Highway 78 South
Pineville, NC, USA 28130
P: 770-486-4800
www.eaton.com/megawatt

Specifications and dimensions subject to change without notice.

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2017-04-18 10:06:50

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engineering corporation
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165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

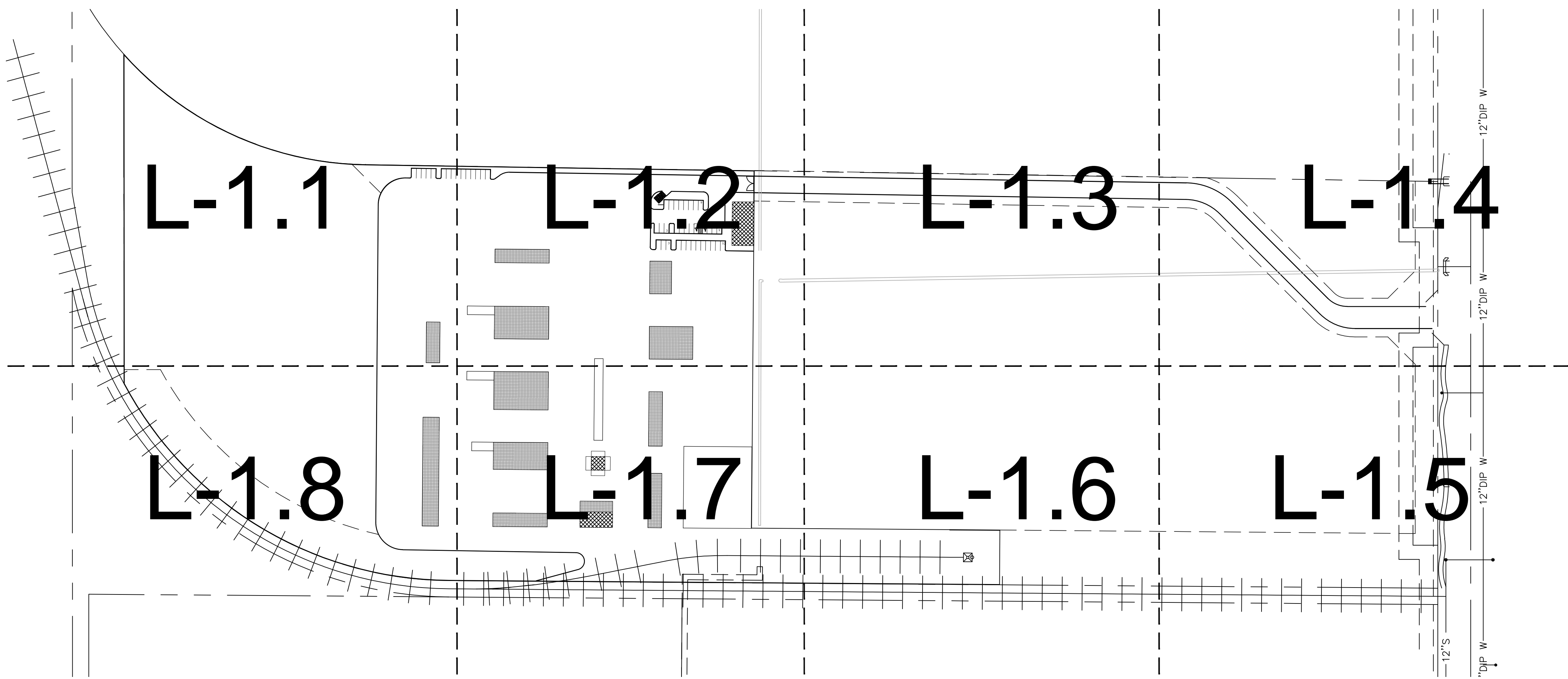
PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

PROJECT NAME:
DESERT TRUSS WEST
W PEORIA AVE & N DYSART RD
PHOTOMETRIC LIGHTING PLAN
WRIGHT ENG.
PROJECT NO: **22374**

DESIGN BY: SKN **PH9**

Professional Engineer Seal: JACOB BIELEFELD, No. 73954, State of Arizona, Expires 06-30-24

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LANDSCAPE SHEET INDEX

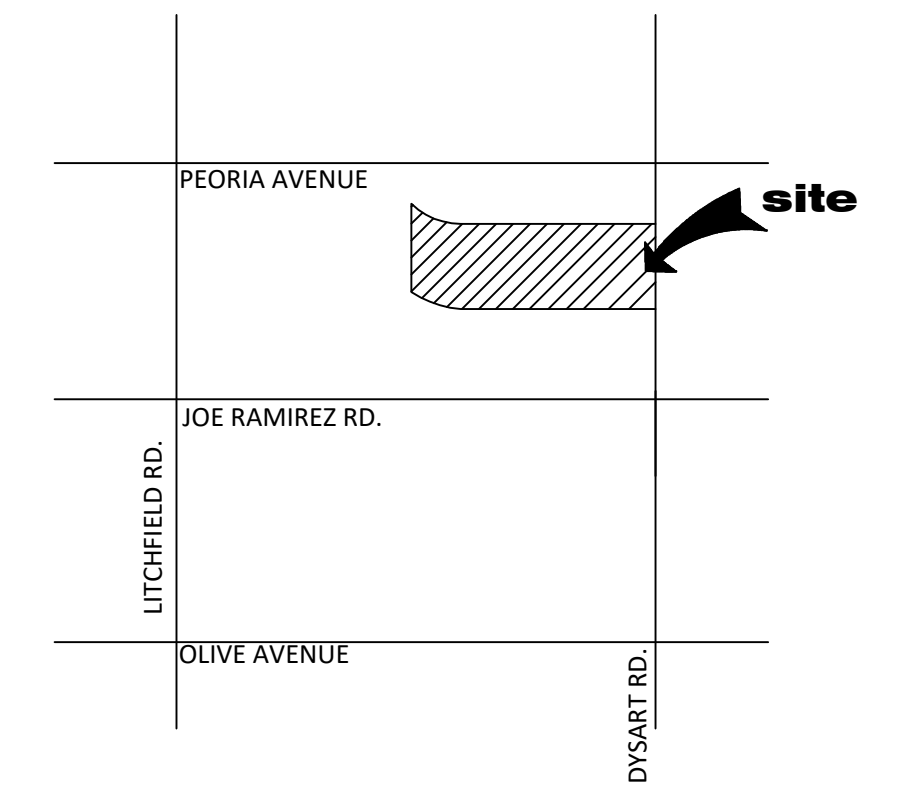
- L-1.0 LANDSCAPE COVER
- L-1.1 PLANTING PLAN
- L-1.2 PLANTING PLAN
- L-1.3 PLANTING PLAN
- L-1.4 PLANTING PLAN
- L-1.5 PLANTING PLAN
- L-1.6 PLANTING PLAN
- L-1.7 PLANTING PLAN
- L-1.8 PLANTING PLAN

Call at least two full working days before you begin excavation.

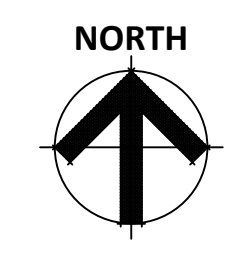
ARIZONA 811
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

APN = 509-18-968D
ZONING = PAD / L-1 LIGHT MANUFACTURING
GROSS AREA SITE = 1,794,020 SQ FT (41.185 ACRES)



VICINITY MAP
SCALE: N.T.S.



PROPOSED PLANT PALETTE

| | SIZE/ COMMENTS/ QUANTITY |
|--|---|
| TREES | |
| CERCIDIUM PRAECOX 'AZT #5' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
| PROSOPIS SEEDLESS HYBRID 'AZT' 'AZT' HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 19 QTY |
| PROSOPIS 'COOPERI' COOPERI HYBRID MESQUITE | 24" BOX / LOW BREAKING / MATCHED / 42 QTY |
| ACACIA ANEURA MULGA ACACIA | 24" BOX / LOW BREAKING / MATCHED / 8 QTY |
| ACACIA FARNESIANA SWEET ACACIA | 24" BOX / LOW BREAKING / MATCHED / 10 QTY |
| SHRUBS | |
| OLEA EUROPAEA 'LITTLE OLLIE' DWARF OLIVE | 5 GAL, 95 QTY |
| SIMMONDSIA CHINENSIS 'VISTA' COMPACT JOJOBA | 5 GAL, 26 QTY |
| BOUTELOUA GRACILIS BLONDE AMBITION GRAMA | 5 GAL, 76 QTY |
| RUELLIA PENINSULARIS BAJA RUELLIA | 5 GAL, 154 QTY |
| SENNA ARTEMISIOIDES FEATHERY CASSIA | 5 GAL, 36 QTY |
| LEUCOPHYLLUM LANGMANIAE RIO BRAVO SAGE | 5 GAL, 50 QTY |
| TECOMA STANS 'ESPERANZA' TECOMA 'GOLD STAR' | 5 GAL, 16 QTY |
| GROUNDCOVERS | |
| ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH | 1 GAL, 125 QTY |
| A LANTANA 'NEW GOLD' TRAILING YELLOW LANTANA | 1 GAL @ 3' O.C., 221 QTY |
| B EREMOPHILA GLABRA OUTBACK SUNRISE EMU | 1 GAL @ 3' O.C., 385 QTY |
| C ERMOPHILA CARNOSA WINTER BLAZE EMU | 1 GAL @ 3' O.C., 220 QTY |
| D MUHLENBERGIA RIGIDA NASHVILLE GRASS | 1 GAL @ 3' O.C., 117 QTY |
| INERT MATERIALS | |
| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

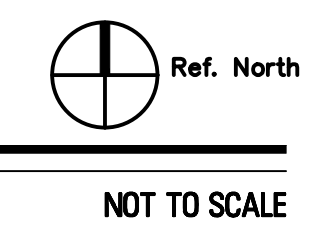
GENERAL NOTES

1. ALL PLANTING AREAS TO HAVE TOP DRESSING OF DECOMPOSED GRANITE, SIZE & COLOR AS SPECIFIED, 2" DEPTH TYP. APPLIED OVER PRE-EMERGENT PER MFG. SPECS, 2 APPLICATIONS, MIN.
2. VERIFY ALL CONDITIONS IN FIELD PRIOR TO BIDDING/ INSTALLATION. DISCREPANCIES SHALL BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION IN WRITING.
3. NO PLANT SUBSTITUTION ALLOWED UNLESS APPROVED BY L/S ARCHITECT.
4. L/S ARCHITECT TO APPROVE ALL TREES PRIOR TO DELIVERY TO SITE.
5. LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE RESERVE THE RIGHT TO REFUSE ANY PLANT HE/SHE DEEMS UNACCEPTABLE.
6. FOR CLARIFICATION OF DISCREPANCIES BETWEEN THE DRAWINGS AND THE SITE, THEY SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
7. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO TAKE PRECAUTIONS TO PROTECT ANY EXISTING IMPROVEMENTS.
8. PLANT LIST/QTY'S PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY. PLANS TAKE PRECEDENCE.
9. FINISHED GRADE BELOW ALL PLANTERS SHALL BE 1" BELOW ADJACENT HEADER, PAVING, CURBING, ETC.
10. GROUNDCOVER AND/OR DG SHALL EXTEND UNDER SHRUBS UNLESS NOTED.
11. ALL EARTHWORK IS TO BE DONE SO THAT ALL WATER DRAINS AWAY FROM ALL STRUCTURES.
12. ALL UNDERGROUND CONDUITS/PIPES/UTILITIES ARE TO BE LOCATED PRIOR TO DIGGING.
13. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SLEEVING WHETHER IT IS SHOWN ON THE PLANS OR NOT.
14. ADJUST NEW LANDSCAPE TO ACCOMMODATE EXISTING LANDSCAPE TO REMAIN.
15. LANDSCAPE CONTRACTOR RESPONSIBLE TO MAINTAIN EXISTING PLANT MATERIAL TO REMAIN IN GOOD, HEALTHY CONDITION DURING CONSTRUCTION.
16. ANY EXISTING PLANT MATERIAL NOT SHOWN TO REMAIN IS TO BE REMOVED BY CONTRACTOR.

EL MIRAGE GENERAL LANDSCAPE NOTE

1. ALL AREAS NOT BEING USED FOR PARKING, STORAGE, OR PLAYGROUND SHALL BE LANDSCAPED FOR DUST AND WEED GROUND COVERING.

LANDSCAPE COVER – SHEET INDEX

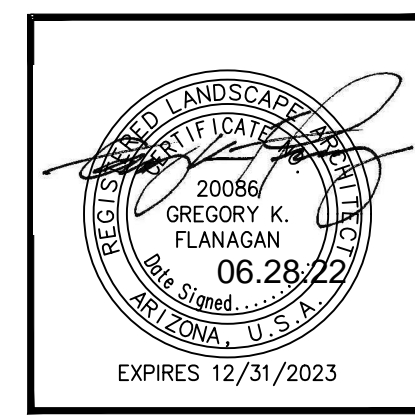


NOT TO SCALE



DESERT TRUSS WEST
10100 N. DYSART RD.
EL MIRAGE, ARIZONA 85335

G.K. FLANAGAN ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE PLANNING
4826 N. 44th STREET PHOENIX, AZ 85018
602 . 912 . 9891 tel
602 . 912 . 9883 fax



revisions:

date: 06.28.2022

contents: LANDSCAPE COVER

sheet no.

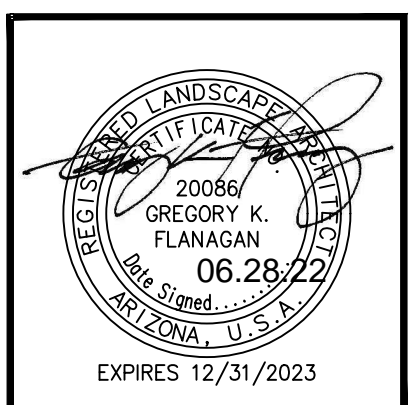
L-1.0



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revisions:

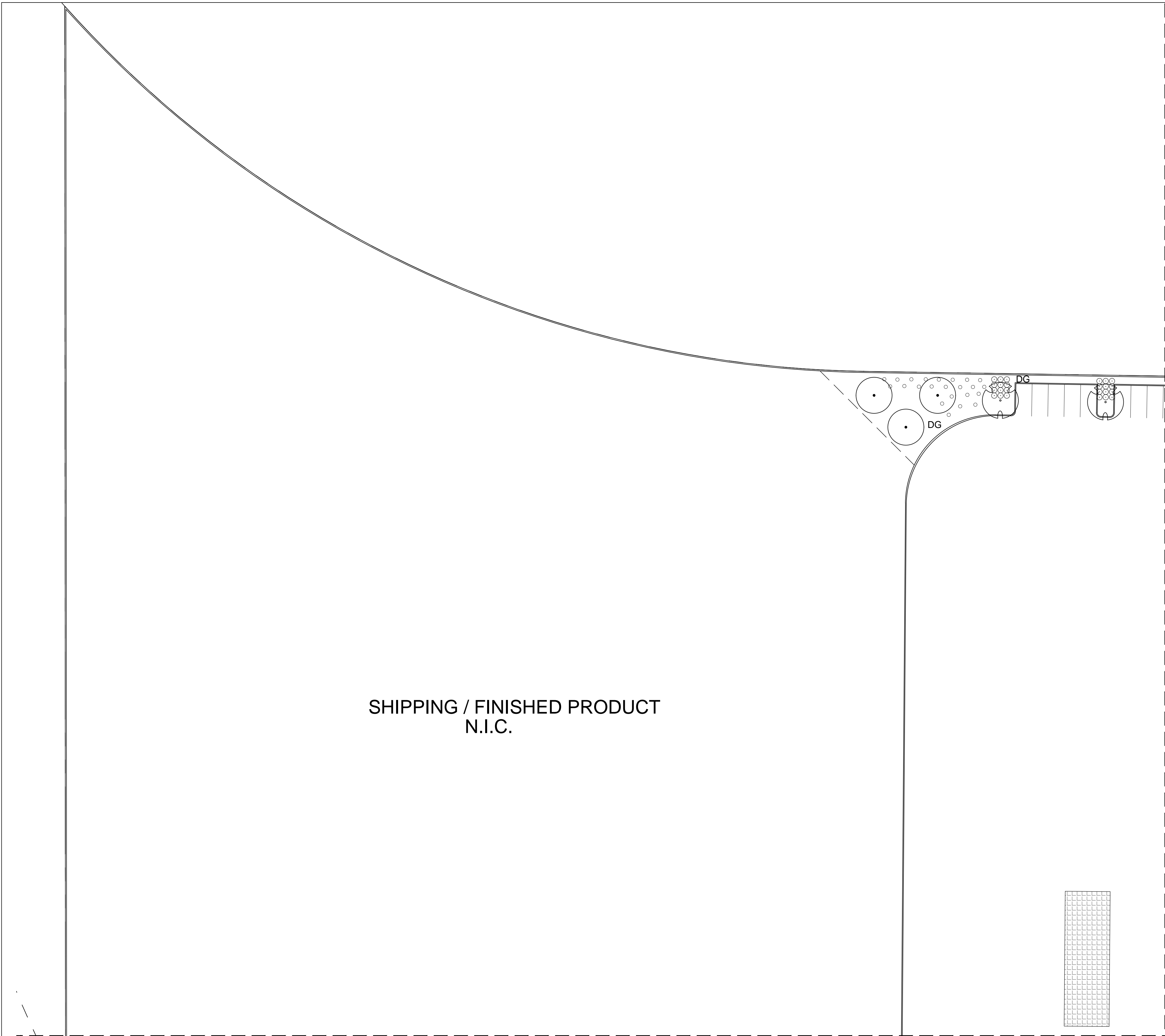
date: 06.28.2022
contents: PLANTING PLAN
sheet no. L-1.1

PROPOSED PLANT PALETTE

| TREES | SIZE/ COMMENTS/ QUANTITY |
|--|---|
| CERCIDIUM PRAECOX 'AZT #5' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
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| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

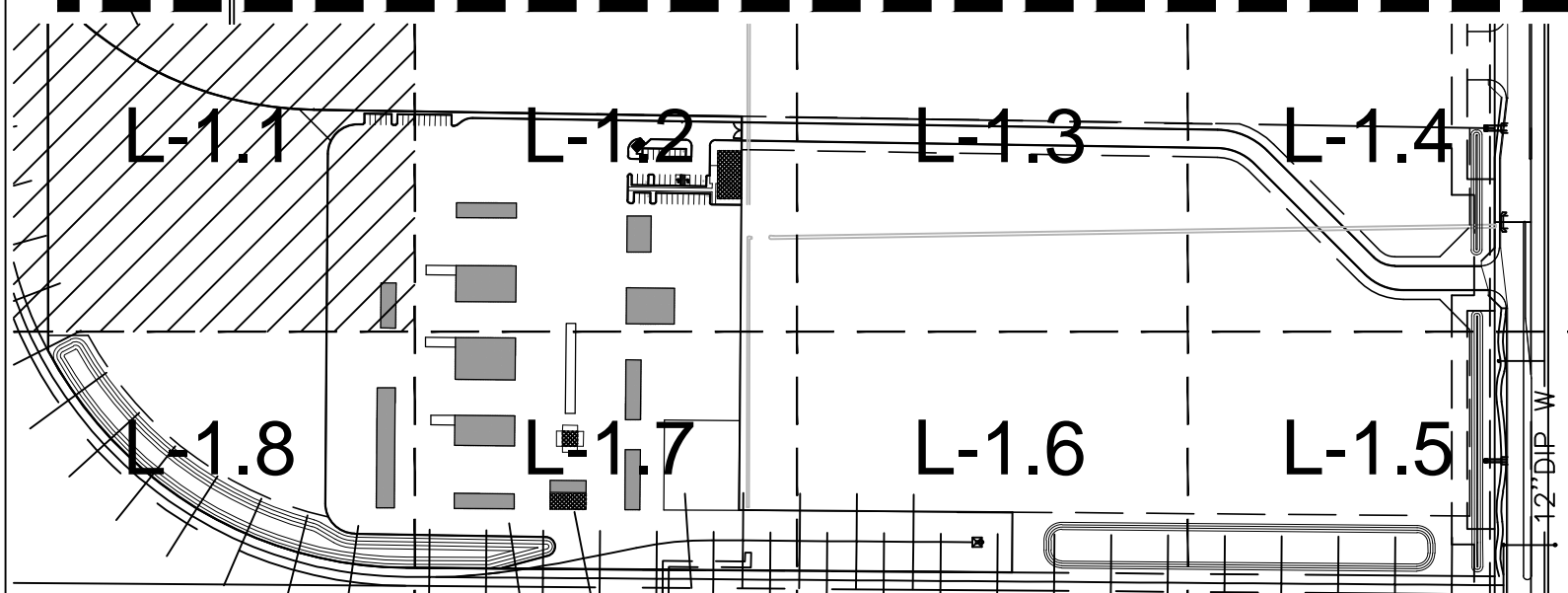
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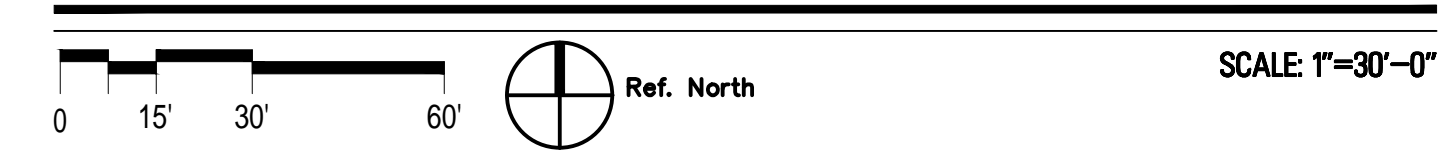
MATCHLINE SHEET L-1.2

SHIPPING / FINISHED PRODUCT
N.I.C.



MATCHLINE SHEET L-1.8

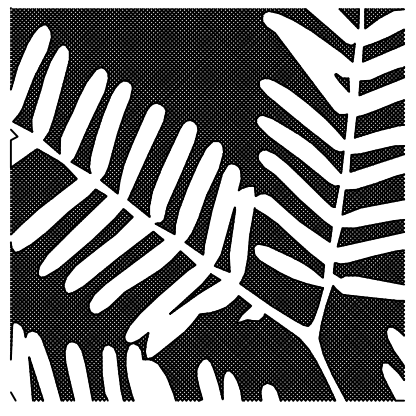
CONCEPTUAL PLANTING PLAN



Call at least two full working days before you begin excavation.

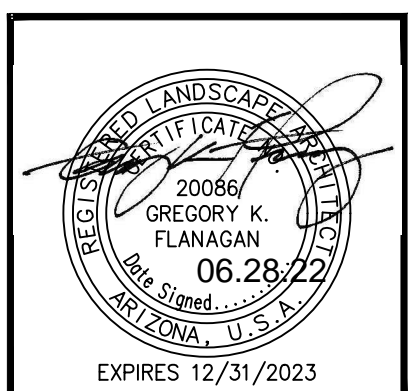
ARIZONA 811
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revisions:

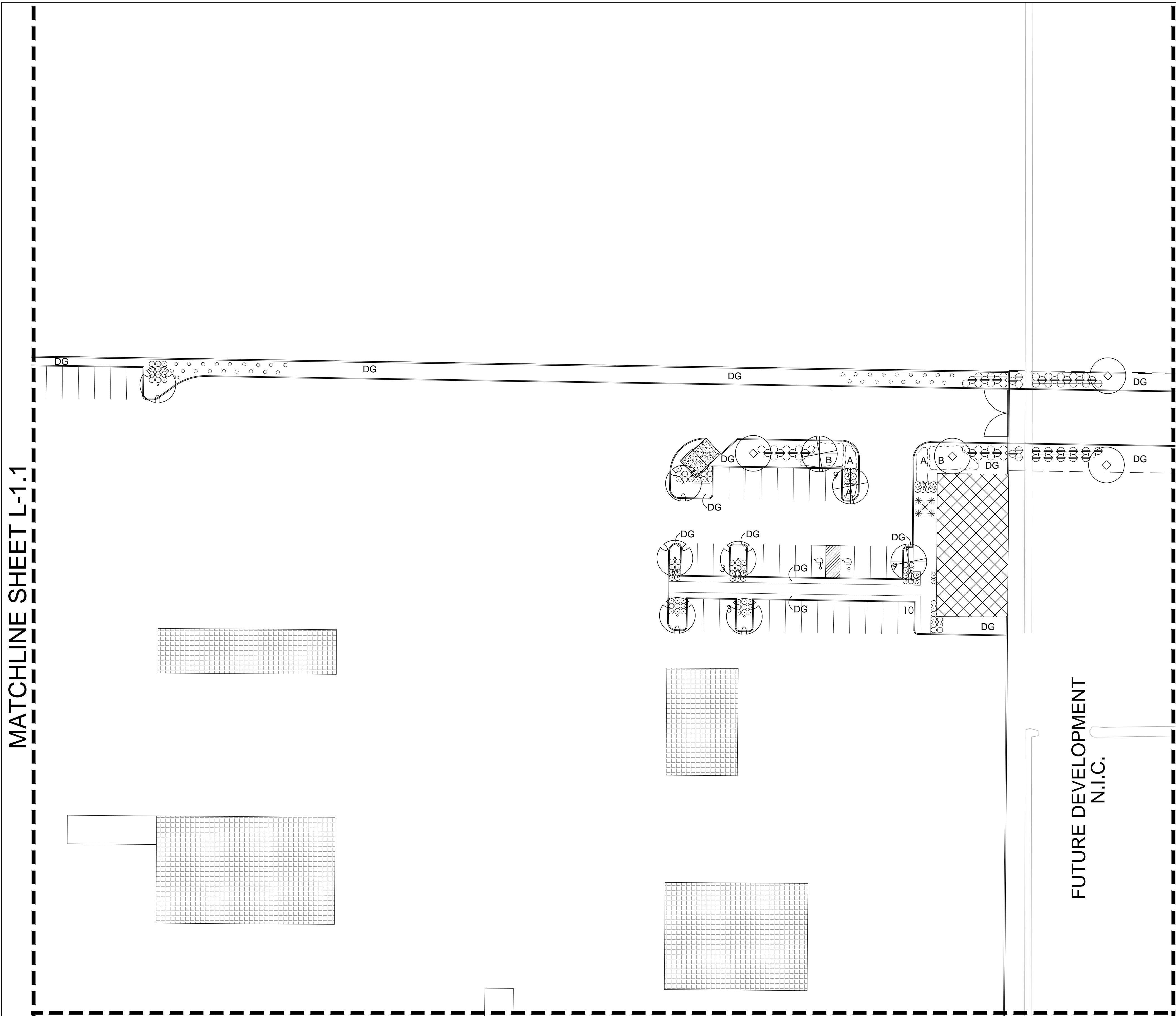
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 contents: **PLANTING PLAN**
 sheet no.
L-1.2

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| INERT MATERIALS | |
| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

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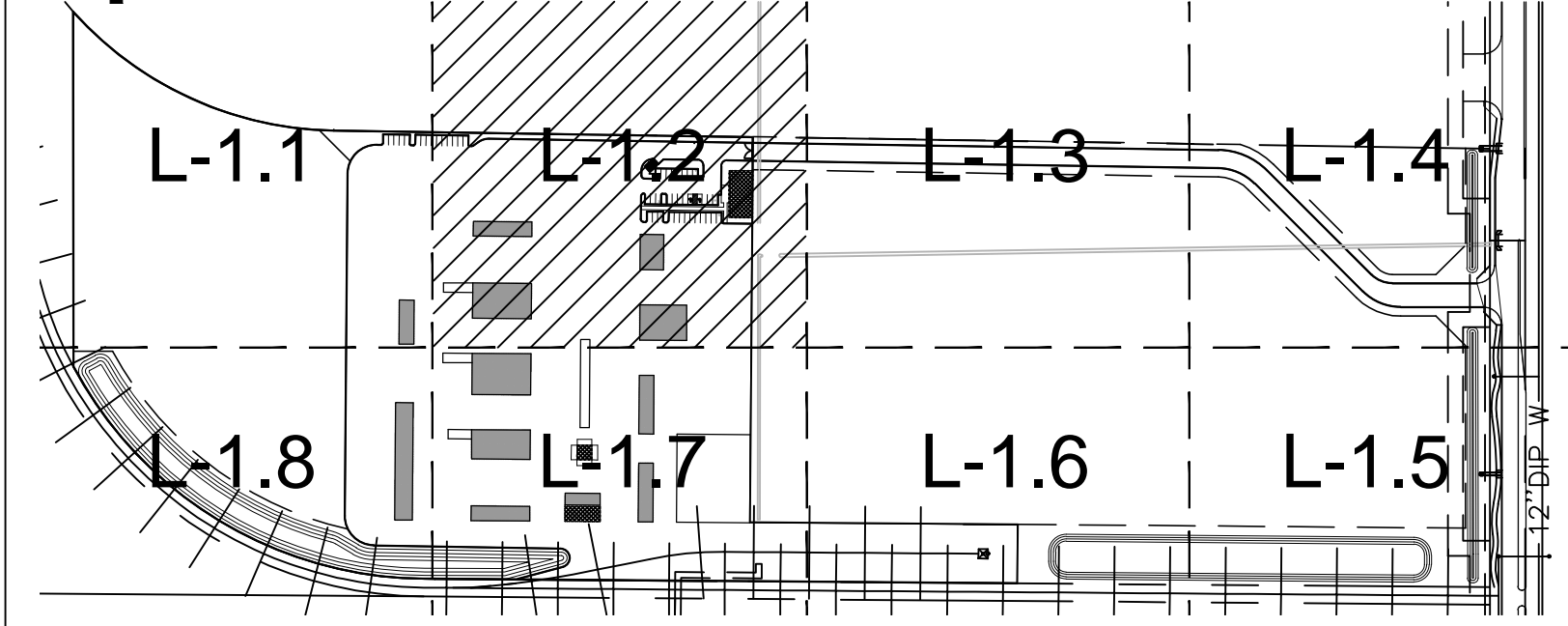
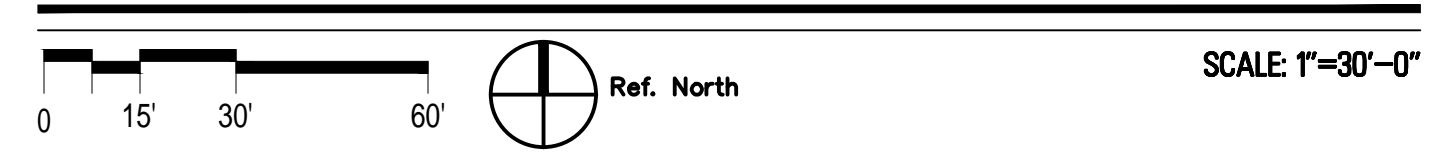
MATCHLINE SHEET L-1.1

MATCHLINE SHEET L-1.3

FUTURE DEVELOPMENT
N.I.C.

MATCHLINE SHEET L-1.7

CONCEPTUAL PLANTING PLAN



Call at least two full working days before you begin excavation.

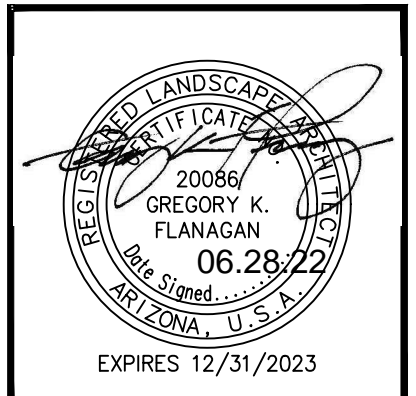
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 602 . 912 . 9891
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 TEL FAX



revisions:

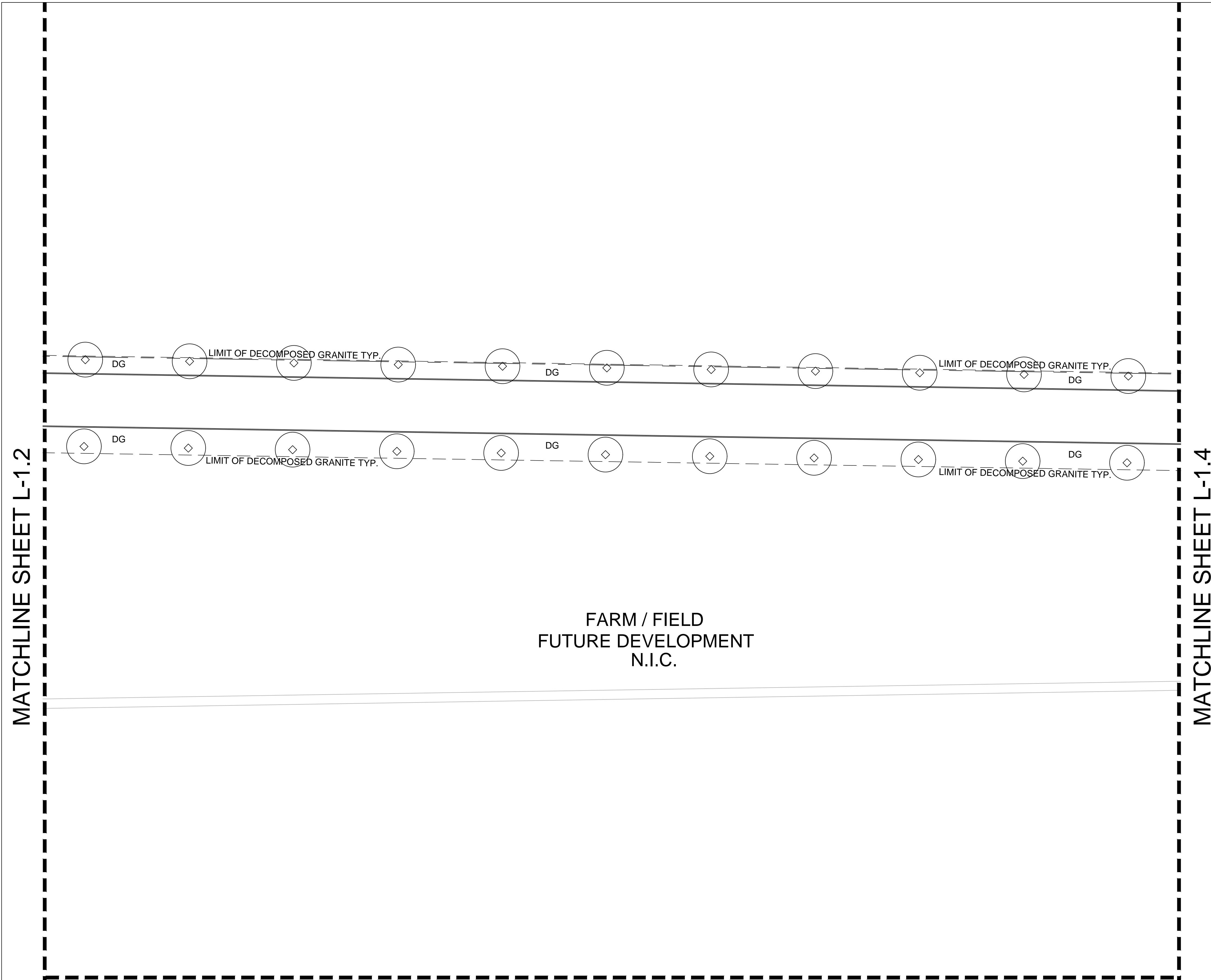
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 sheet no.
L-1.3

PROPOSED PLANT PALETTE

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|---|---|
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| INERT MATERIALS | |
| DG DECOMPOSED GRANITE GOLD COLOR (AS SELECTED) | 3/8" MINUS 2" DEPTH TYP. |

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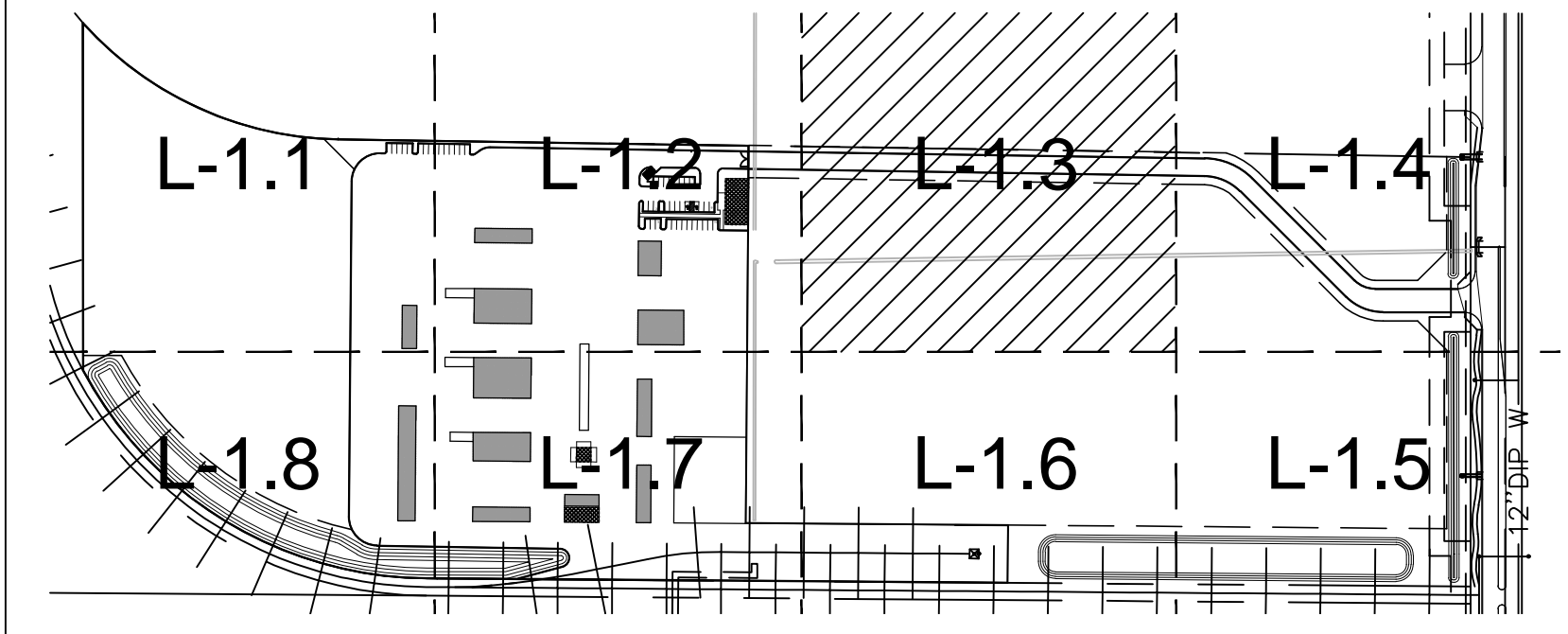


MATCHLINE SHEET L-1.2

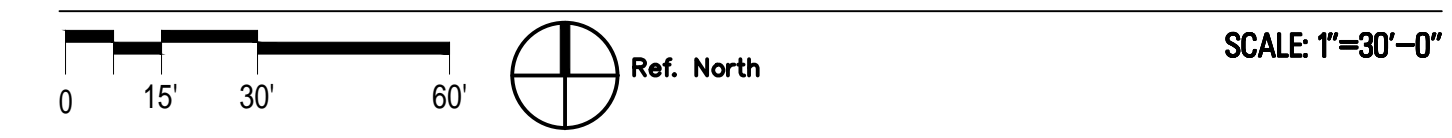
MATCHLINE SHEET L-1.4

FARM / FIELD
 FUTURE DEVELOPMENT
 N.I.C.

MATCHLINE SHEET L-1.6



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ARIZONA 811
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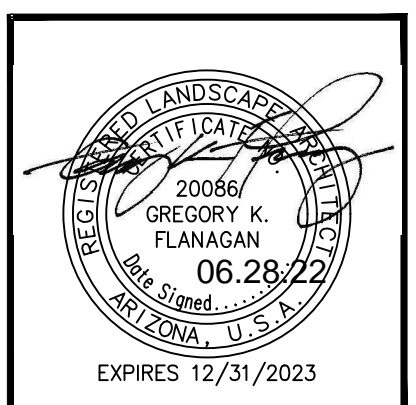


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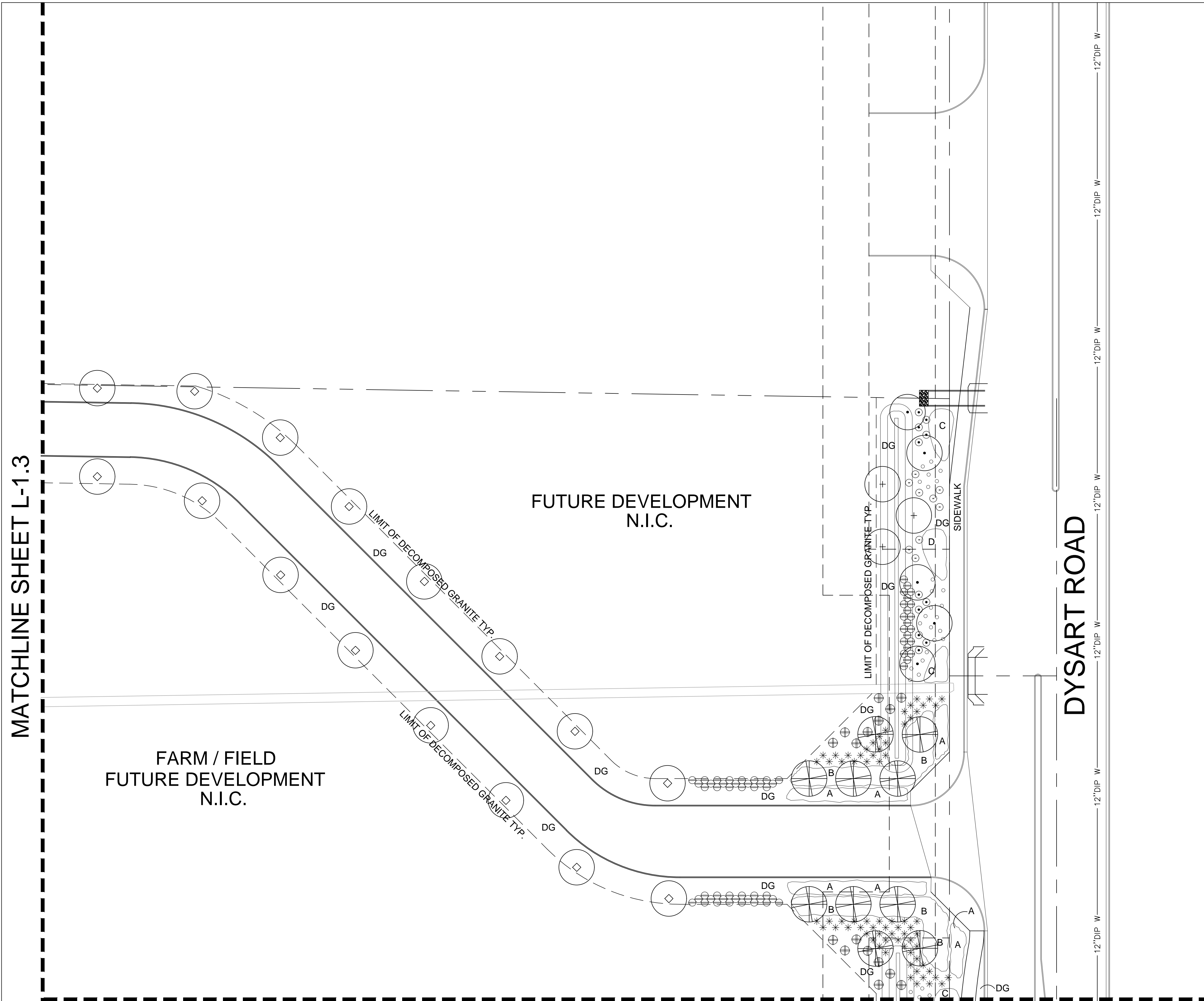
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| revisions: | |
| date: | 06.28.2022 |
| contents: | PLANTING PLAN |
| sheet no. | L-1.4 |

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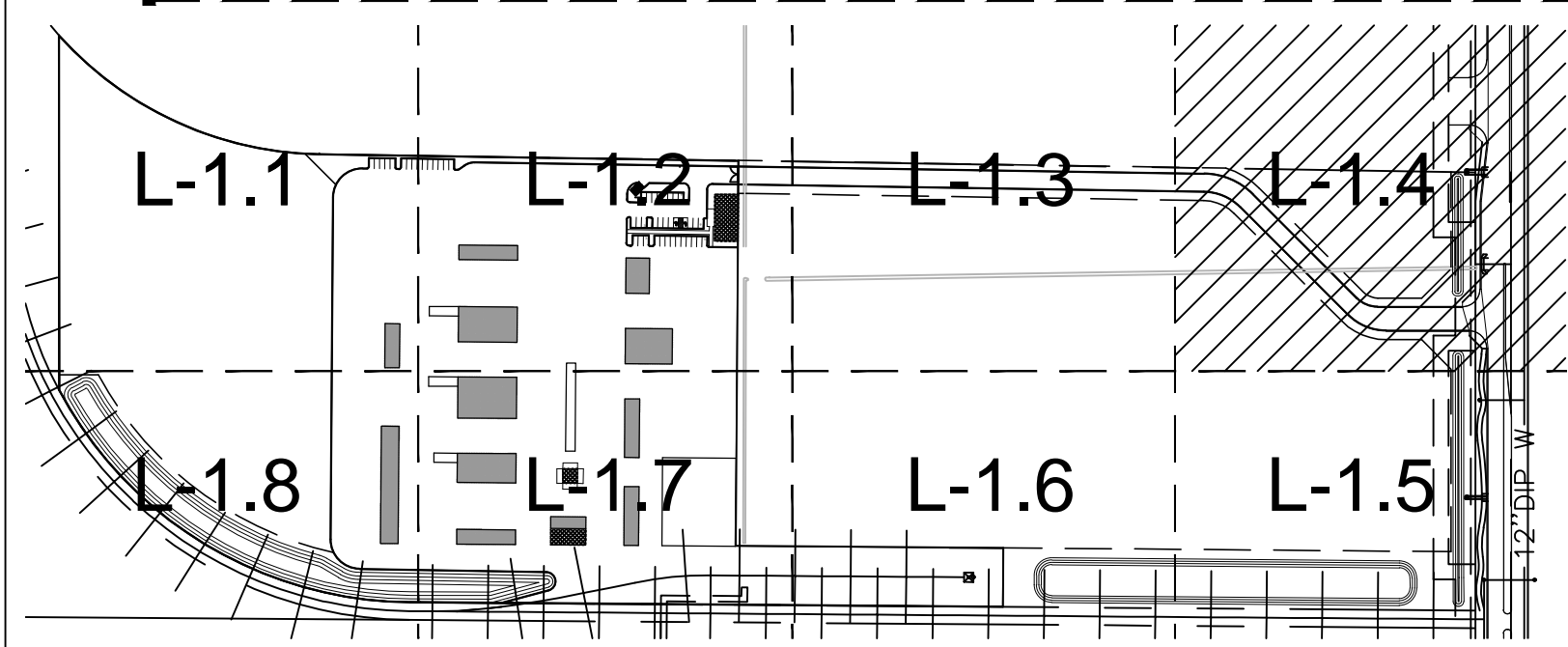
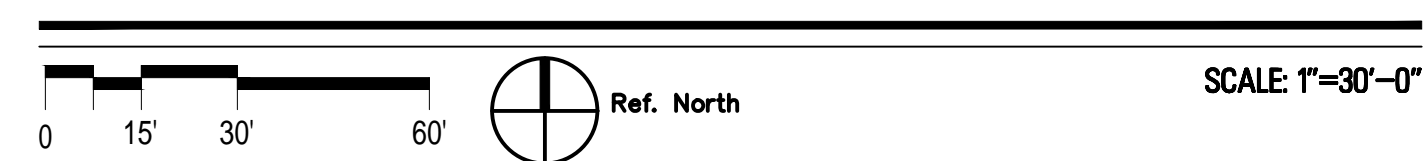
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MATCHLINE SHEET L-1.3

MATCHLINE SHEET L-1.5

CONCEPTUAL PLANTING PLAN



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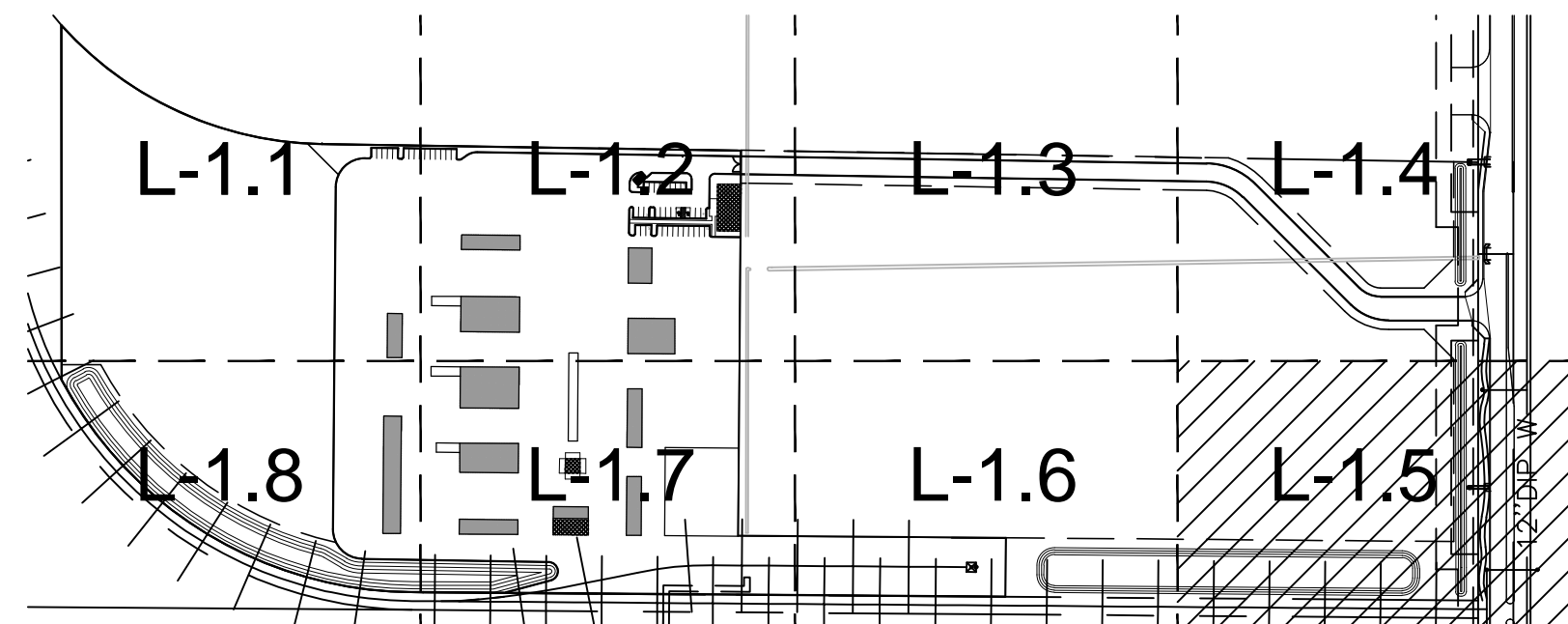
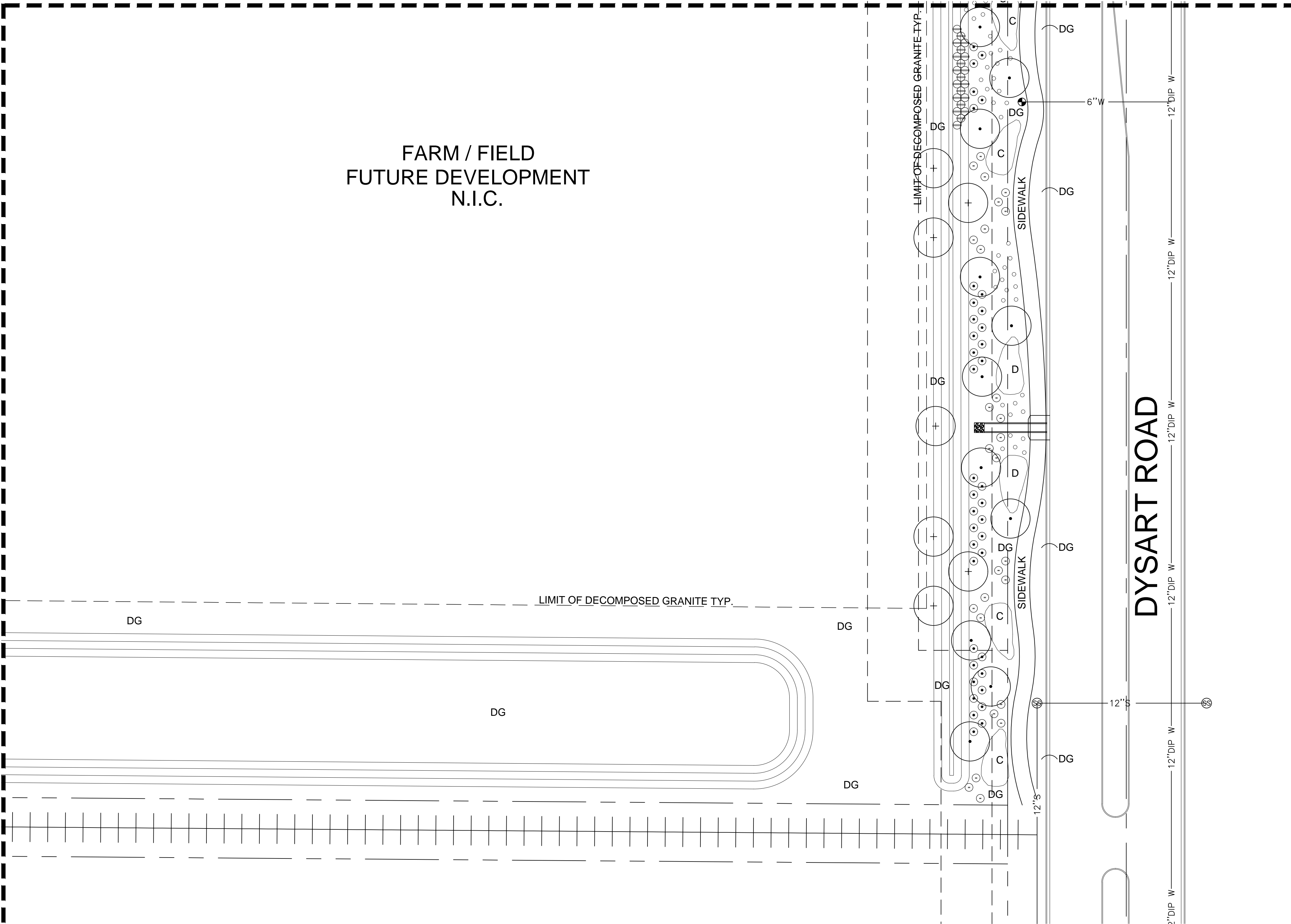
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MATCHLINE SHEET L-1.4

FARM / FIELD
FUTURE DEVELOPMENT
N.I.C.

MATCHLINE SHEET L-1.6



CONCEPTUAL PLANTING PLAN



PROPOSED PLANT PALETTE

| TREES | SIZE / COMMENTS / QUANTITY |
|---|--|
| CERCIDIUM PRAECOX 'AZT #' HYBRID PALO BREA | 36" BOX / LOW BREAKING / MATCHED / 13 QTY |
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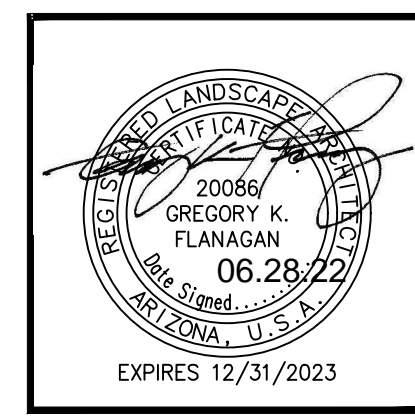
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contents: **PLANTING PLAN**
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L-1.5

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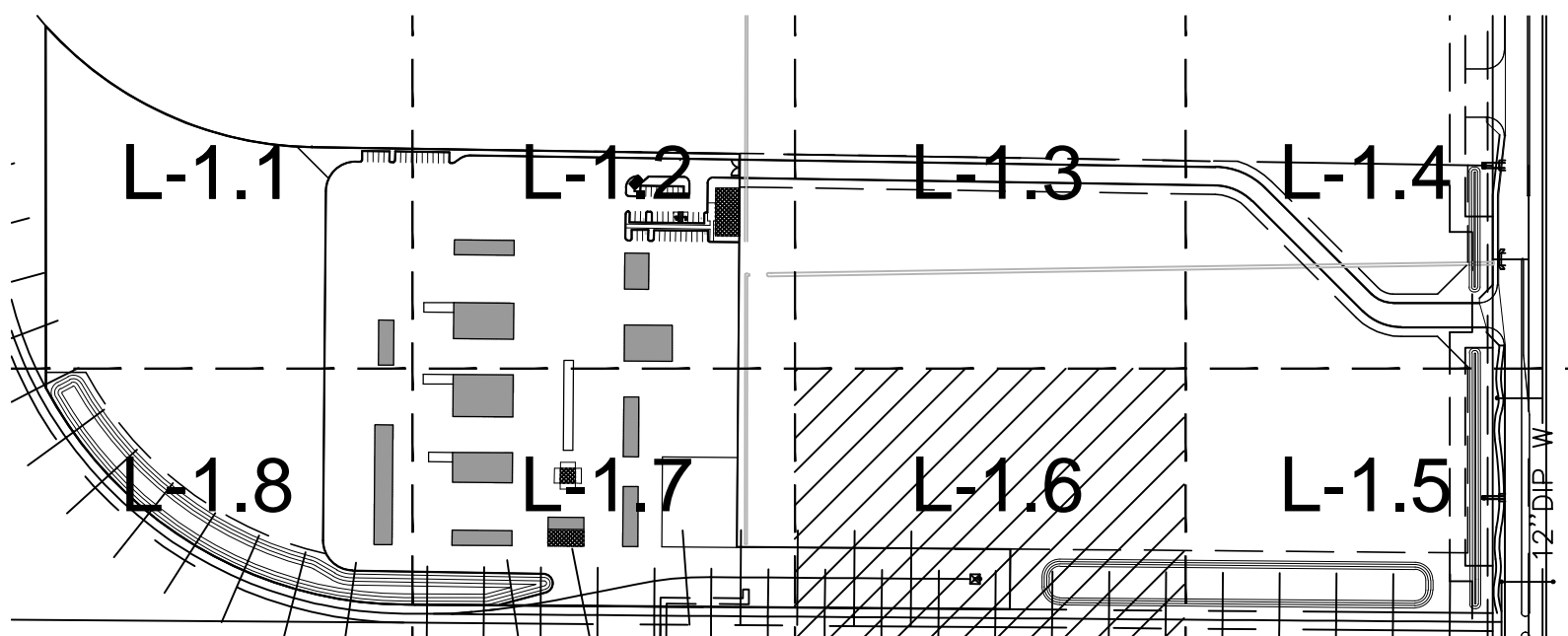
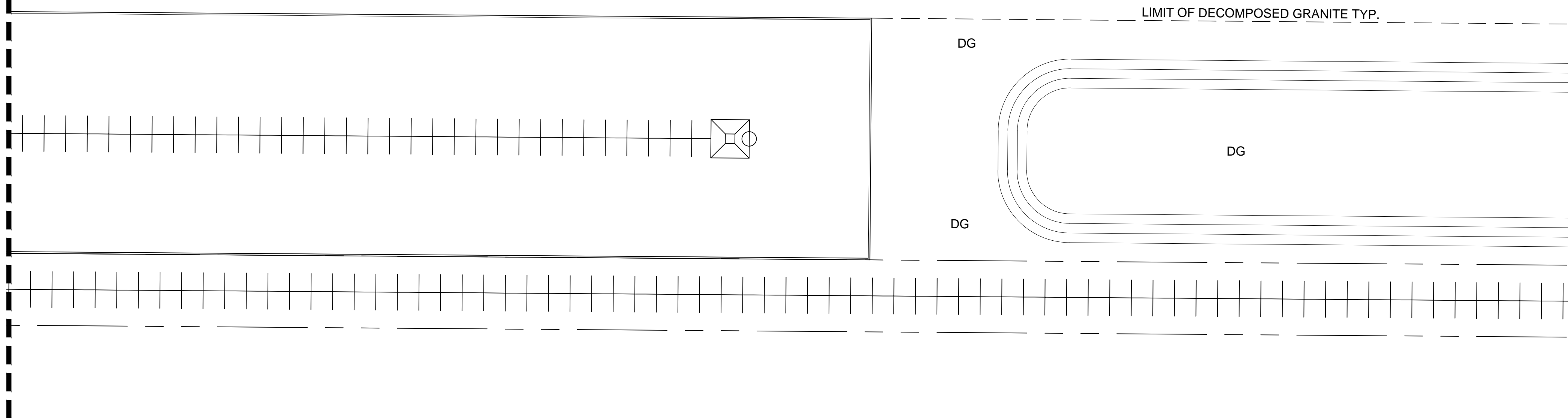
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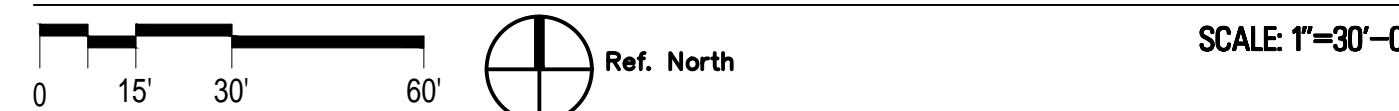
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FARM / FIELD
FUTURE DEVELOPMENT
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MATCHLINE SHEET L-1.5



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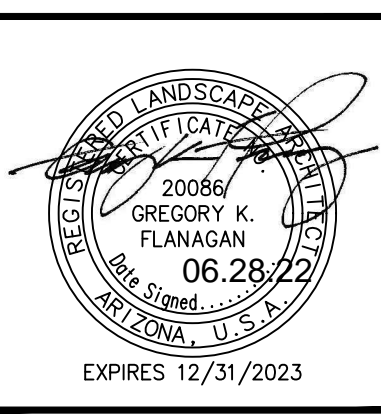
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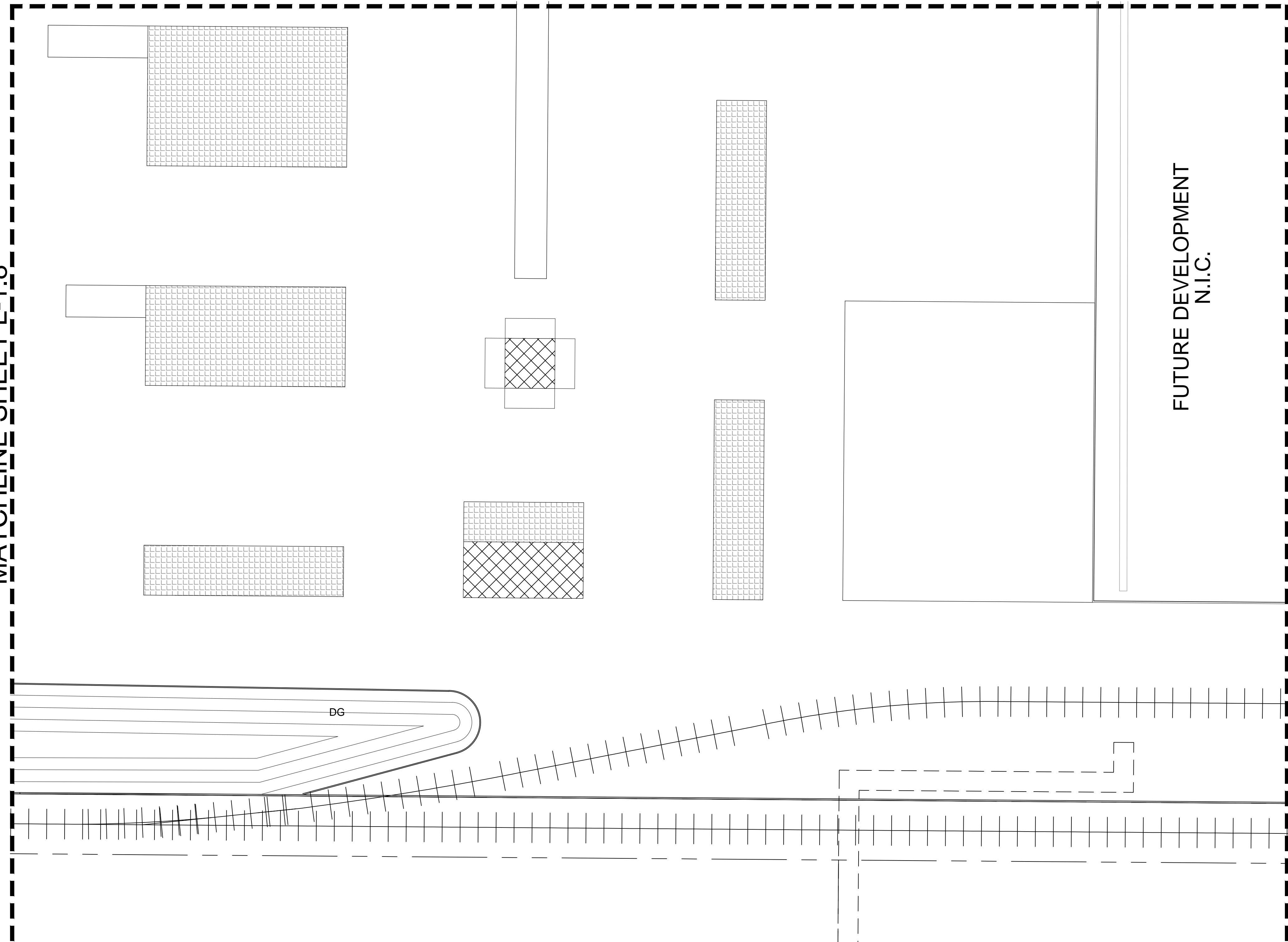


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MATCHLINE SHEET L-1.2



MATCHLINE SHEET L-1.6

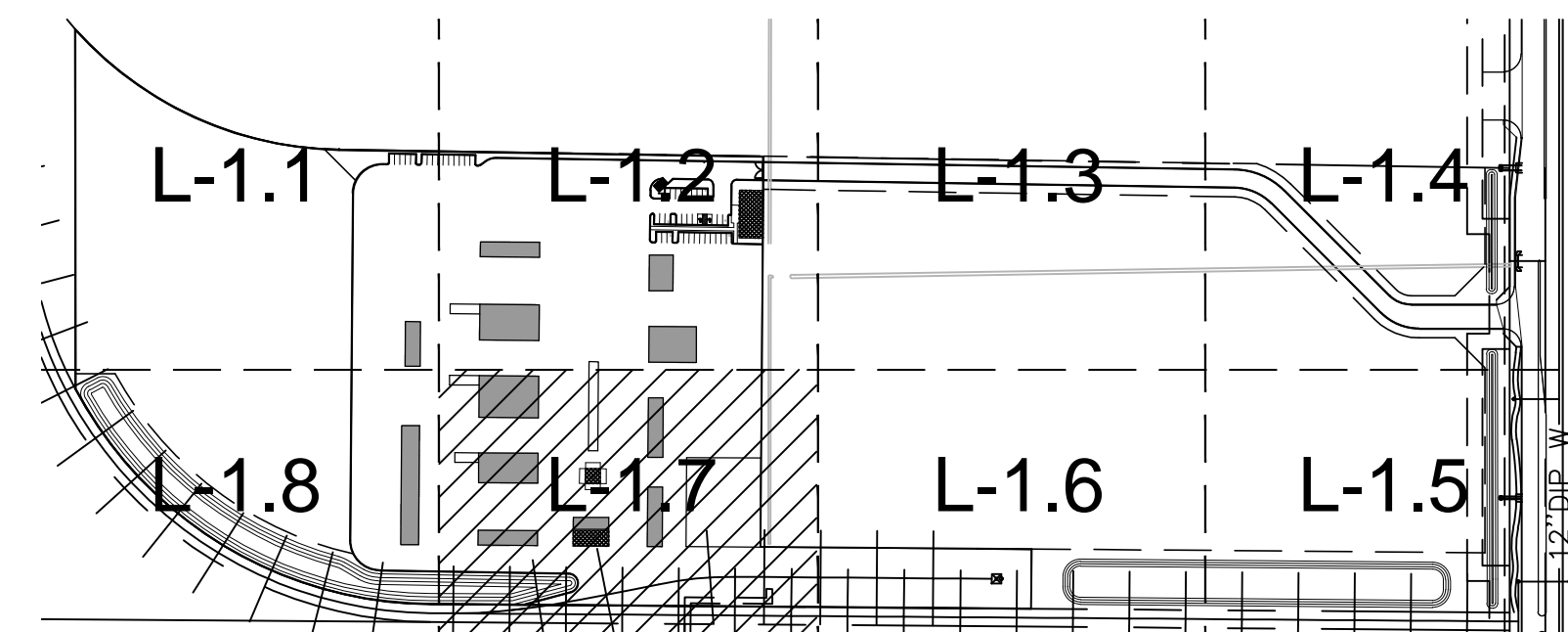
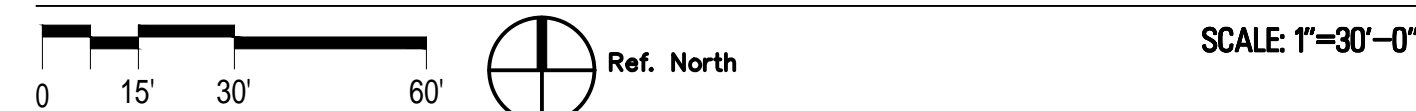
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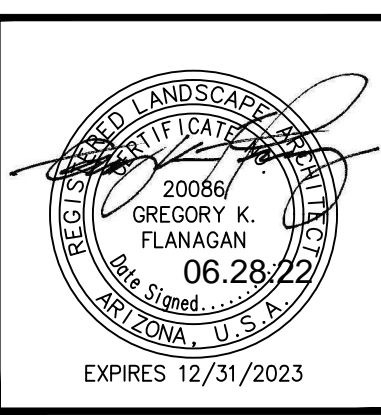
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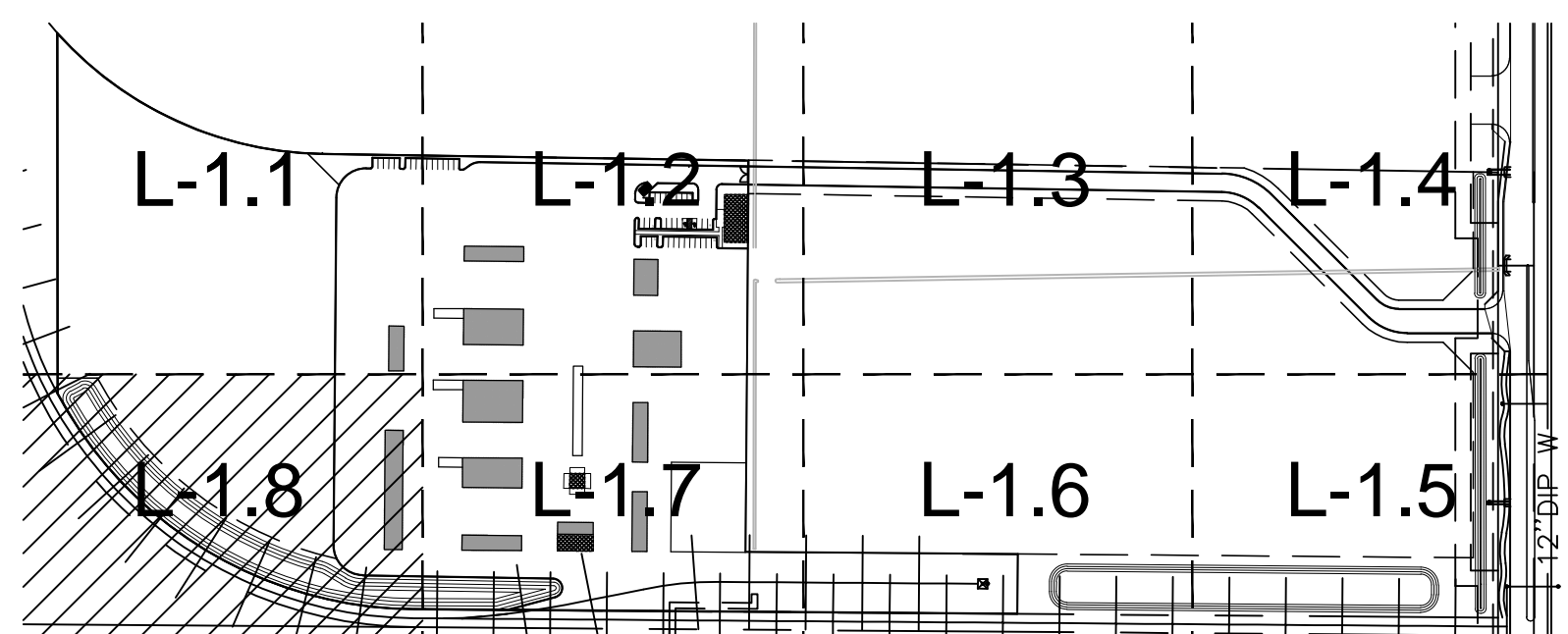
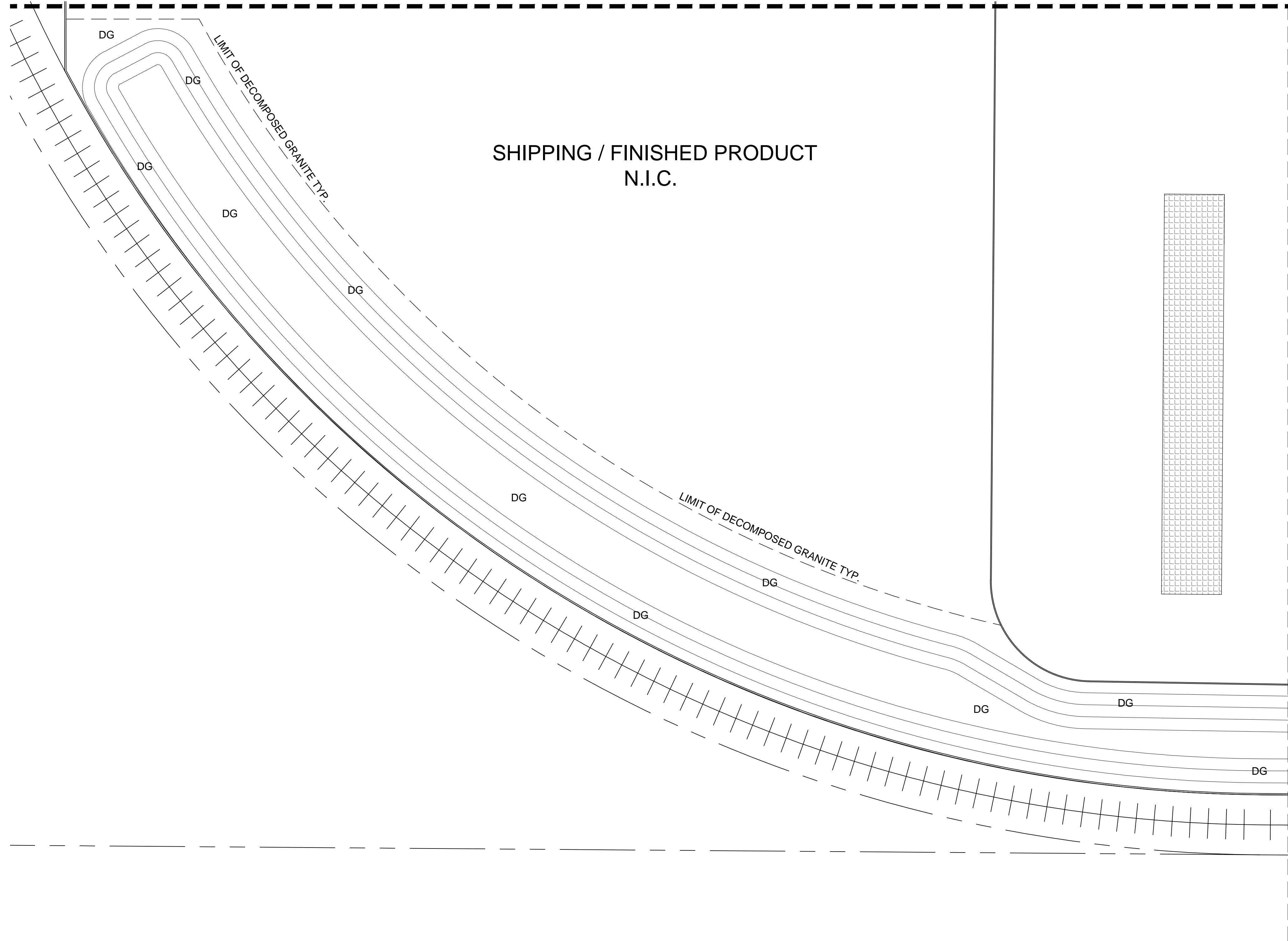
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MATCHLINE SHEET L-1.1



CONCEPTUAL PLANTING PLAN



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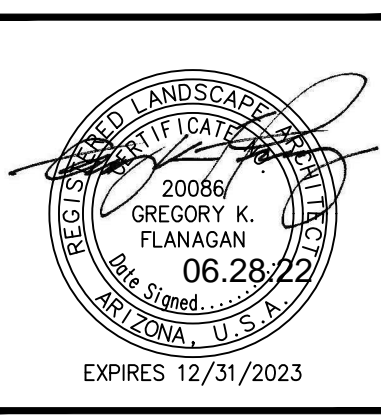
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