

100% CONSTRUCTION DOCUMENTS

WOODMEN HILLS WASTEWATER STORAGE FACILITY

TRACT K MERIDIAN RANCH FIL 1, EL PASO COUNTY, STATE OF COLORADO

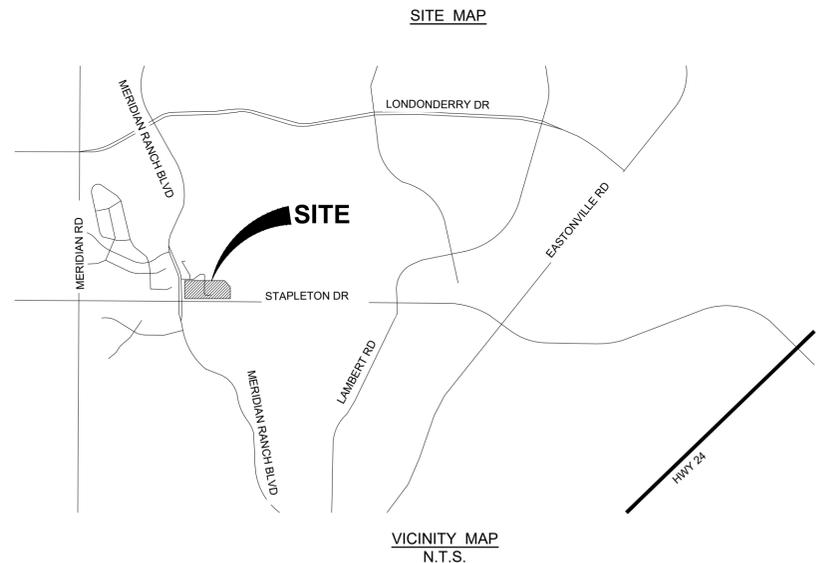
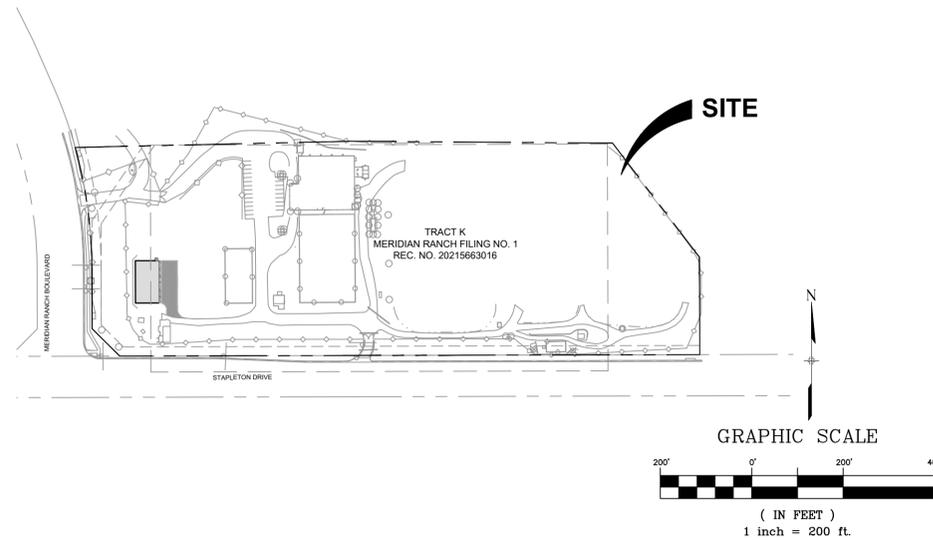
JUNE 2025



Know what's below.
Call before you dig.

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

AGENCIES		
SERVICE OWNER:	ENTITY MERIDIAN SERVICE METRO DISTRICT c/o COMMUNITY RESOURCE SVCS 11886 STAPLETON DR. PEYTON, CO 80831	P.O.C.
DEVELOPER:	MERIDIAN SERVICE METRO DISTRICT 11886 STAPLETON DR. PEYTON, CO 80831	
APPLICANT:	MATRIX DESIGN GROUP 2435 RESEARCH PKWY STE 300 COLORADO SPRINGS, CO 80920	(719)575-0100
LANDSCAPE ARCHITECT:	MATRIX DESIGN GROUP 2435 RESEARCH PKWY STE 300 COLORADO SPRINGS, CO 80920	(719)575-0100
CIVIL ENGINEER :	MATRIX DESIGN GROUP 2435 RESEARCH PKWY STE 300 COLORADO SPRINGS, CO 80920	(719)575-0100



INVESTIGATION OF THE SOIL CONSERVATION SERVICE SOIL SURVEY FOR EL PASO COUNTY REVEALS THAT THE SOIL FALL UNDER THE COLUMBINE SERIES (SERIES 19) THE COLUMBINE SERIES ARE CLASSIFIED UNDER HYDROLOGIC GROUP "A".

TIMING:
ANTICIPATED STARTING AND COMPLETION TIME PERIOD OF SITE GRADING:
AUGUST 2025 - DECEMBER 2025

EXPECTED DATE ON WHICH THE FINAL STABILIZATION WILL BE COMPLETED:
APRIL 2026

AREAS:
TOTAL AREA OF THE SITE TO BE CLEARED, EXCAVATED OR GRADED:
0.50 ACRES

RECEIVING WATERS:
NAME OF RECEIVING WATERS: FOUNTAIN CREEK

SHEET INDEX

DESCRIPTION	NUMBER	TITLE
TITLE SHEET	1	TS01
GENERAL NOTES	2	GN01
OVERALL SITE PLAN	3	SP01
PROPOSED SITE PLAN	4	SP02
DETAIL GRADING PLAN	5	GR01
EXISTING LANDSCAPE	6	LS01
FLOOR PLAN	7	A1.1
EXTERIOR ELEVATIONS	8	A2.1

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

DATE

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

DATE

EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

DATE

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-MDG22-34				
X-1462-PR-SITE				
X-1462-EX-BASE				
X-1462-EX-MAP				
X-1462-EX-UTIL				
COMPUTER FILE MANAGEMENT				
FILE NAME: S:\24.1462.001 - Woodmen Hills Wastewater Facility Storage\500 CADD\504 Plan Sets\Construction Plans\SSPR\TS01.dwg				
CTB FILE: Matrix.ctb				
PLOT DATE: June 4, 2025 9:16:33 AM				
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.				

BENCHMARK
FIMS MONUMENT F602 IS A 2 1/2-INCH DIAMETER ALUMINUM CAP STAMPED "CSU FIMS CONTROL F602" LOCATED SOUTHWEST OF THE INTERSECTION OF TOURMALINE DRIVE AND MERIDIAN ROAD. ELEVATION WAS ESTABLISHED BY GPS OBSERVATIONS (GEOID 18B) AND IS REFERENCED TO NAVD88 ELEVATION = 7,102.42. FEET. COORDINATE SYSTEM: NAD83 COLORADO STATE PLANE, CENTRAL ZONE, US SURVEY FOOT).

BASIS OF BEARING
BEARINGS ARE BASED ON THE WEST LINE OF TRACT K DESCRIBED IN MERIDIAN RANCH FILING NO. 1 RECORDED AT RECEPTION NO. 202156316 IN THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDER'S OFFICE, MONUMENTED AT BOTH ENDS BY A 1-INCH ALUMINUM CAP STAMPED "POLARIS, PLS 27605", AND IS ASSUMED TO BEAR NORTH 00°08'58" WEST, A DISTANCE OF 131.85 FEET.



SEAL

PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT NO. 24.1462.001

WOODMEN HILLS WASTEWATER

WOODMEN HILLS METRO
100% CONSTRUCTION DOCUMENTS

TITLE SHEET

DESIGNED BY: MDF	SCALE	DATE ISSUED: JUNE 2025	DRAWING No.
DRAWN BY: KGI	HORIZ N/A	1 OF 8	TS01
CHECKED BY: MDF	VERT. N/A		



GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS AND REGULATIONS AS SET FORTH BY THE GOVERNING AGENCIES.
- NO FIELD CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- SITE UTILITY LINES AS SHOWN ON THE PLAN SHEETS ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION GIVEN FROM SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION AND PROTECTION OF ALL UTILITIES IN PLACE.
- THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 TWO BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION OR GRADING.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL UTILITY AND STRUCTURES AFFECTED BY THE WORK AND ANY DAMAGE SHALL BE REPAIRED AND RESTORED TO THE SATISFACTION OF THE RESPECTIVE UTILITY OWNER. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL UTILITY RELOCATIONS AS NECESSARY. THE ENGINEERING INSPECTIONS, UTILITY DEPARTMENTS AND UTILITY OWNERS SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK WHERE THESE UTILITIES MAY BE AFFECTED.
- IN SOME OF THE PROPOSED AREAS OF CONSTRUCTION EXISTING UNDERGROUND TELEPHONE, FIBER AND CABLE TELEVISION FACILITIES MAY BE LOCATED IN CLOSE PROXIMITY TO THE WORK. THE CONTRACTOR SHALL VERIFY LOCATIONS WITH SURVEY & MAY, IF NECESSARY, TEMPORARILY DISPLACE THE CABLES DURING CONSTRUCTION AND REINSTALL THEM IN ACCORDANCE WITH THE APPROPRIATE TELEPHONE, FIBER OR CABLE COMPANY'S GUIDELINES. COORDINATION WITH BOTH THE TELEPHONE AND CABLE TELEVISION COMPANY IS REQUIRED TO BE DONE BY THE CONTRACTOR.
- THE PHYSICAL FEATURES WITHIN THE LIMITS OF THE PROJECT HAVE BEEN SHOWN BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN FROM THE SURVEY PROVIDED AND FIELD OBSERVATIONS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FEATURES SHOWN. THE CONTRACTOR SHALL REVIEW AND VERIFY EXISTING PHYSICAL FEATURES AND ELEVATIONS THEMSELVES OF THE CONDITIONS TO BE ENCOUNTERED DURING THE CONSTRUCTION.
- ALL WORK SHALL BE DONE TO THE LINES, GRADES, SECTIONS, AND ELEVATIONS SHOWN ON THE PLANS UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER OF RECORD.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER OF RECORD.
- THE ENGINEER OF RECORD SHALL BE NOTIFIED WITHIN 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- THE CONTRACTOR SHALL CLOSELY MONITOR ACCESS FOR HEAVY CONSTRUCTION EQUIPMENT THROUGH THE PROJECT AREAS.
- THE PHYSICAL FEATURES REQUIRING REMOVAL WITHIN THE PROJECT SITE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ANY MONUMENT, RANGE POINTS, TIES, BENCHMARKS AND/OR SURVEY CONTROL POINTS WHICH MAY BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENT BY A REGISTERED PROFESSIONAL LAND SURVEYOR AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF COLORADO.
- THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL WITHIN 10 FEET OF THE EDGE OF TRAVELED WAYS.
- ANY DISCREPANCY WITHIN THESE PLANS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF ENGINEER OF RECORD AND WORK MAY BE TEMPORARILY STOPPED UNTIL THE DISCREPANCY IS DISCUSSED AND DECISIONS/AGREEMENTS HAVE BEEN MADE

EARTHWORK:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL DISPOSAL OF ANY EXCESS SOIL, DEBRIS AND WASTE MATERIAL OFF OF THE PROJECT SITE.
- ANY MATERIAL NOT SUITABLE FOR BACKFILL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF, BY AND AT THE EXPENSE OF THE CONTRACTOR.
- ANY SOIL LYING BELOW THE SUBGRADE ELEVATION WHICH IS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL IN ACCORDANCE WITH THE SPECIFICATION REQUIREMENTS.

BENCHMARK AND SURVEY CONTROL:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION STAKING OF BOTH HORIZONTAL AND VERTICAL LAYOUT ON THIS PROJECT. COORDINATES ARE REFERENCED IN THE COORDINATE LIST SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OF RECORD FOR INTERPRETATION AND INFORMATION IN STAKING OF THE PROJECT FOR CONSTRUCTION.
- PRIOR TO PROJECT COMPLETION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY MONUMENTATION DISTURBED OR REMOVED BY CONSTRUCTION OPERATIONS. THIS WORK SHALL BE PERFORMED BY A LAND SURVEYOR LICENSED IN THE STATE OF COLORADO. PROPERTY CORNERS WHICH FALL WITHIN NEW CONCRETE FLATWORK SHALL BE DURABLE AND SET FLUSH. THIS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

CONSTRUCTION NOTES:

- IT IS THE CONTRACTORS RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING. PAVEMENT DESIGN SHALL BE APPROVED BY ENGINEER OF RECORD PRIOR TO PLACEMENT OF SITE MATERIALS.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

NRCS SOIL SURVEY FOR EL PASO COUNTY

SOIL ID NO.	SOIL TYPE	HYDROLOGIC CLASSIFICATION
19	COLUMBINE GRAVELLY SANDY LOAM (0%-3% SLOPES)	A

CUT/FILL QUANTITIES

CUT: 40.05 CUBIC YARDS
 FILL: 603.47 CUBIC YARDS

AREAS

TOTAL DISTURBED AREA: 0.50 ACRES

RECEIVING WATERS

BLACK SQUIRREL CREEK (ULTIMATE)

<p>REFERENCE DRAWINGS</p> <p>X-MDG22234 X-1462-PR-SITE X-1462-EX-BASE X-1462-EX-MAP X-1462-EX-UTIL</p>				
	No.	DATE	DESCRIPTION	BY
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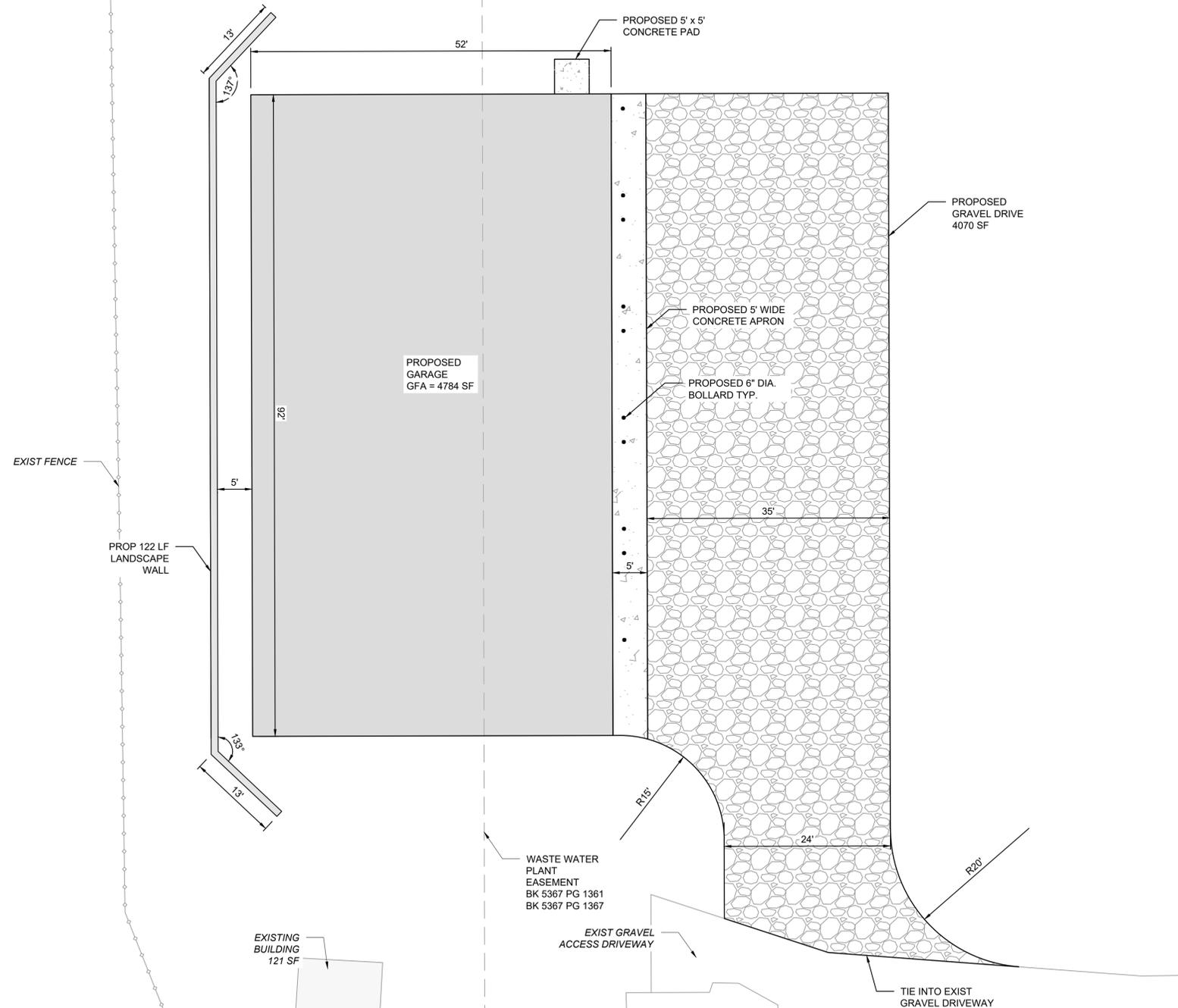
WOODMEN HILLS WASTEWATER				
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GENERAL NOTES				
DESIGNED BY:	MDF	SCALE	DATE ISSUED:	JUNE 2025
DRAWN BY:	KGI	HORIZ.	N/A	
CHECKED BY:	MDF	VERT.	N/A	SHEET
				2 OF 8
				DRAWING No. GN01



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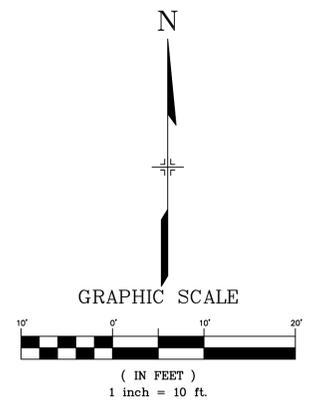
NOTES:

- THIS SITE IS IN AN UNSHADED ZONE X, AREAS DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOODPLAIN PER FEMA FIRM PANEL: 08041C0729G EFFECTIVE 12/07/2018
- THERE ARE NO VARIANCES ANTICIPATED FOR THIS PROPOSED SITE
- THERE IS NO PHASING ANTICIPATED FOR THIS PROPOSED SITE
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- CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING DRY AND WET UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY ISSUES.
- STRIP AND STOCKPILE TOPSOIL FROM GRADING AREAS. USE STOCKPILED TOPSOIL AND IMPORTED TOPSOIL AS NECESSARY FOR SURFACE RESTORATION.
- STOCKPILE LOCATION WILL BE DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH THE EL PASO ECM. STOCKPILE LOCATIONS TO BE DETERMINED BY THE CONTRACTOR MUST NOT RESULT IN ADDITIONAL LAND DISTURBANCE.
- GRADING AREAS AT SITE PERIMETER TO MATCH GRADES OF ADJACENT PROPERTIES
- REMOVE EXCESS SOIL FROM SITE AND DISPOSE OF PROPERLY IN ACCORDANCE WITH APPLICABLE REGULATIONS
- PROVIDE TEMPORARY GRADING FEATURES SUCH AS BERMS, SWALES, SUMPS AND BASINS TO MANAGE INTERIM STORM WATER RUNOFF DURING THE CONSTRUCTION PROCESS. STORM WATER RUNOFF LEAVING THE SITE SHALL MEET ALL FEDERAL, STATE AND LOCAL QUALITY REGULATIONS.
- CONTOURS ARE AT A 1.0' MINOR AND 5.01' MAJOR INTERVAL.
- FREQUENT OBSERVATIONS AND MAINTENANCE OF NONSTRUCTURAL CONTROL MEASURE WILL BE PERFORMED TO ENSURE NO SEDIMENT LEAVES THE SITE. STREET SWEEPING WILL OCCUR AS REQUIRED TO KEEP SURROUNDING STREETS CLEAN.
- THERE ARE NO PRESERVATION EASEMENTS ON THIS SITE.
- THERE IS NO ASPHALT, CONCRETE ASPHALT PLANTS, OR MASONRY MIX STATIONS NEEDED FOR THE PROJECT.
- THERE ARE GEO HAZARDS FOR THIS PROJECT THAT CAN BE SATISFACTORILY MITIGATED THROUGH PROPER ENGINEERING PER GEOTECHNICAL INVESTIGATION FOR WOODMEN HILLS WASTEWATER FACILITY STORAGE PREPARED BY RMG ENGINEERING

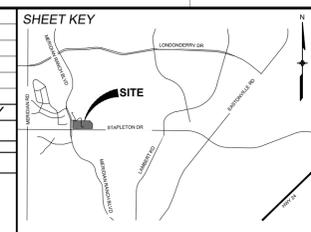


SITE LEGEND

- EXISTING EASEMENT LINE
- PROPOSED GRAVEL DRIVEWAY
- PROPOSED CONCRETE
- PROPOSED BUILDING
- EXISTING BUILDING



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X-MDG22X34				
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SEAL

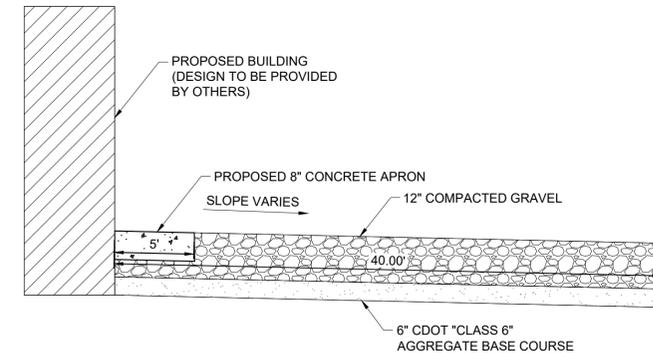
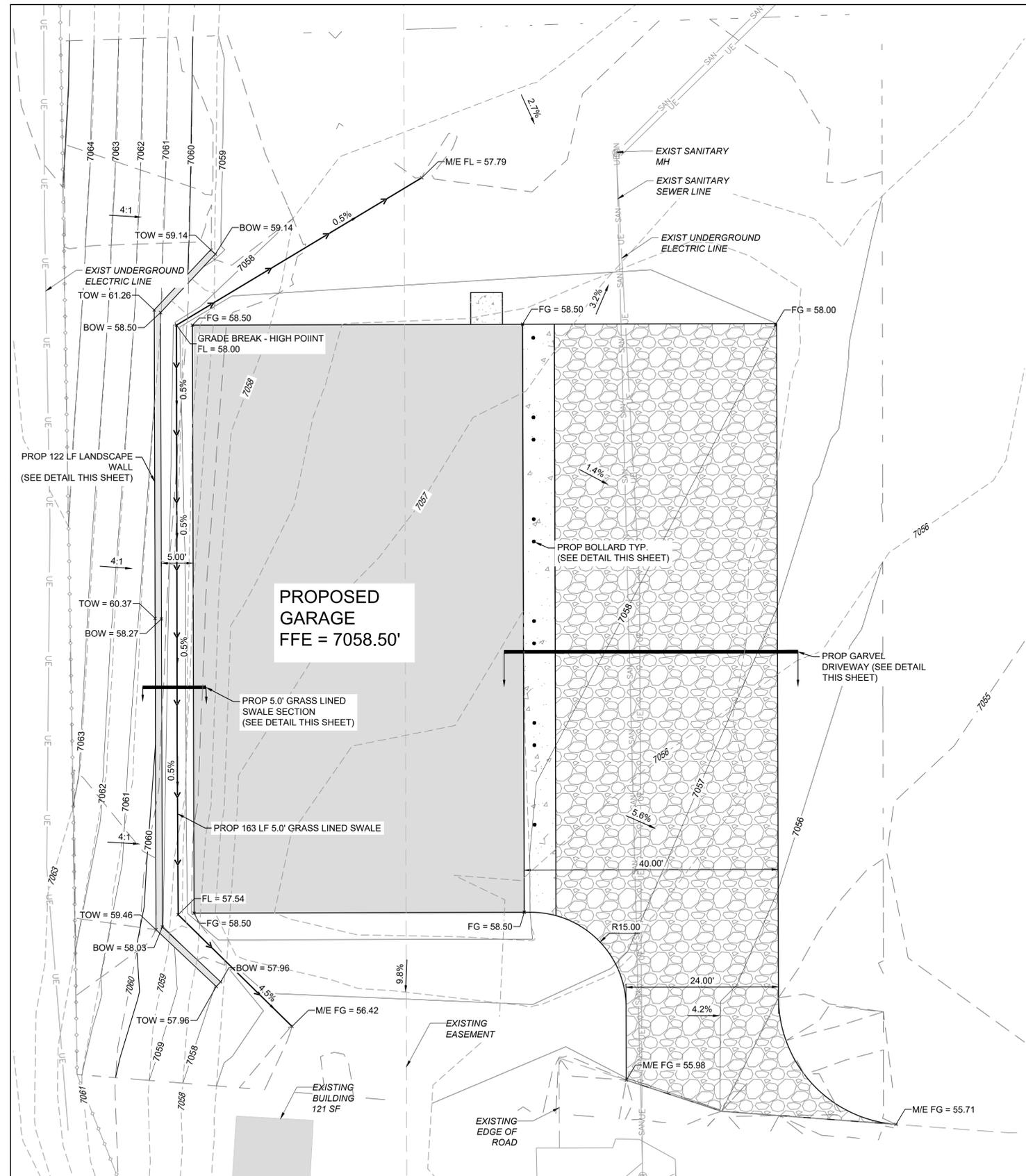
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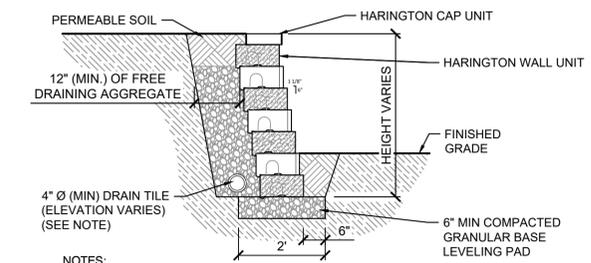
WOODMEN HILLS WASTEWATER			
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PROPOSED SITE PLAN			
DESIGNED BY: MDF	SCALE: HORIZ 1" = 10'	DATE ISSUED: JUNE 2025	DRAWING No. SP02
DRAWN BY: KGI	VERT. N/A	SHEET 4 OF 8	
CHECKED BY: MDF			



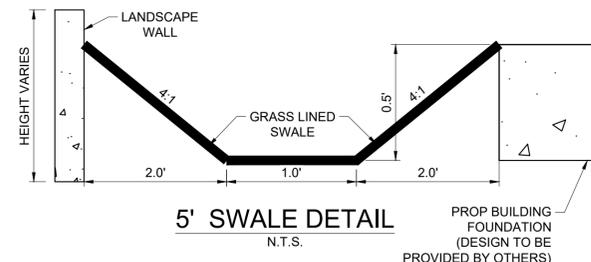
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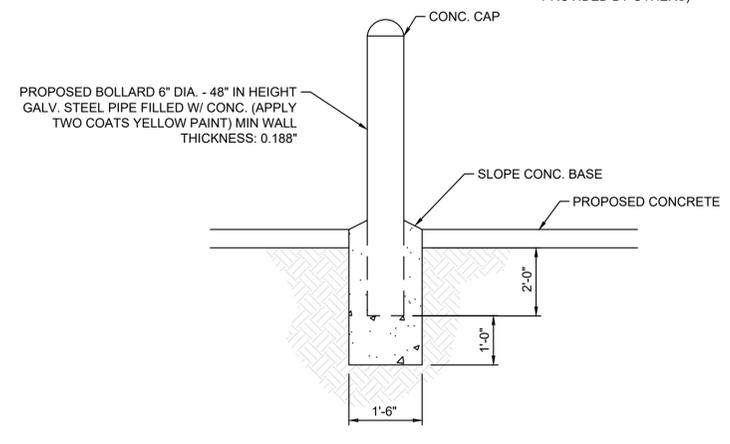
GRAVEL DRIVEWAY SECTION



LANDSCAPE WALL



5' SWALE DETAIL

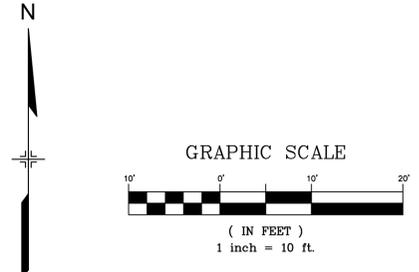


PROPOSED BOLLARD DETAIL

- SPOT ELEVATION SYMBOLS**
- FG = 30.10 PROPOSED FINISH GRADE ELEVATION
 - FFE = 6130.10 PROPOSED FINISH FLOOR ELEVATION
 - FL = 30.10 PROPOSED FLOW LINE ELEVATION
 - TOW = 30.10 PROPOSED TOP OF WALL ELEVATION
 - BOW = 30.10 PROPOSED BOTTOM OF WALL ELEVATION
 - M/E = 30.10 PROPOSED ELEVATION TO MATCH EXIST ELEVATION

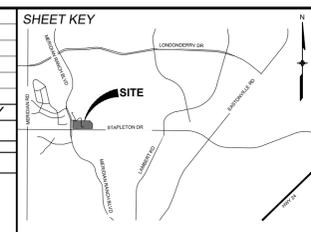
- GRADING LEGEND**
- PROPERTY BOUNDARY LINE
 - PROPOSED SWALE
 - PROPOSED CONTOURS
 - EXISTING CONTOURS
 - PROPOSED SLOPE ARROW
 - EXISTING EASEMENT LINE
 - EXISTING SANITARY SEWER LINE
 - EXISTING UNDERGROUND ELECTRIC LINE

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 - PROVIDE TEMPORARY GRADING FEATURES SUCH AS BERMS, SWALES, SUMPS AND BASINS TO MANAGE INTERIM STORM WATER RUNOFF DURING THE CONSTRUCTION PROCESS. STORM WATER RUNOFF LEAVING THE SITE SHALL MEET ALL FEDERAL, STATE AND LOCAL QUALITY REGULATIONS.
 - CONTOURS ARE AT A 1.0' MINOR AND 5.01' MAJOR INTERVAL.
 - FREQUENT OBSERVATIONS AND MAINTENANCE OF NONSTRUCTURAL CONTROL MEASURE WILL BE PERFORMED TO ENSURE NO SEDIMENT LEAVES THE SITE. STREET SWEEPING WILL OCCUR AS REQUIRED TO KEEP SURROUNDING STREETS CLEAN.
 - THERE ARE NO PRESERVATION EASEMENTS ON THIS SITE.
 - THERE IS NO ASPHALT, CONCRETE ASPHALT PLANTS, OR MASONRY MIX STATIONS NEEDED FOR THE PROJECT.
 - THERE ARE GEO HAZARDS FOR THIS PROJECT THAT CAN BE SATISFACTORILY MITIGATED THROUGH PROPER ENGINEERING PER GEOTECHNICAL INVESTIGATION FOR WOODMEN HILLS WASTEWATER FACILITY STORAGE PREPARED BY RMG ENGINEERING



REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
X-1462-PR-SITE				
X-1462-EX-BASE				
X-1462-22-34				
X-1462-EX-MAP				
X-1462-EX-UTIL				

COMPUTER FILE MANAGEMENT	
FILE NAME:	S:\24.1462.001 - Woodmen Hills Wastewater Facility Storage\500 CADD\504 Plan Sets\Construction Plans\GEC Plan\GR01.dwg
CTB FILE:	Matrix(black).ctb
PLOT DATE:	June 4, 2025 9:16:54 AM
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.	



BENCHMARK
FIMS MONUMENT F602 IS A 2 1/2-INCH DIAMETER ALUMINUM CAP STAMPED "CSU FIMS CONTROL F602" LOCATED SOUTHWEST OF THE INTERSECTION OF TOURMALINE DRIVE AND MERIDIAN ROAD. ELEVATION WAS ESTABLISHED BY GPS OBSERVATIONS (GEOID 18B) AND IS REFERENCED TO NAVD88 ELEVATION = 7,102.42, FEET. COORDINATE SYSTEM: NAD83 COLORADO STATE PLANE, CENTRAL ZONE, US SURVEY FOOT).

BASIS OF BEARING
BEARINGS ARE BASED ON THE WEST LINE OF TRACT K DESCRIBED IN MERIDIAN RANCH FILING NO. 1 RECORDED AT RECEPTION NO. 202156316 IN THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDER'S OFFICE, MONUMENTED AT BOTH ENDS BY A 1-INCH ALUMINUM CAP STAMPED "POLARIS, PLS 27605", AND IS ASSUMED TO BEAR NORTH 00°08'58" WEST, A DISTANCE OF 131.85 FEET.

PREPARED BY:
Matrix
Excellence by Design

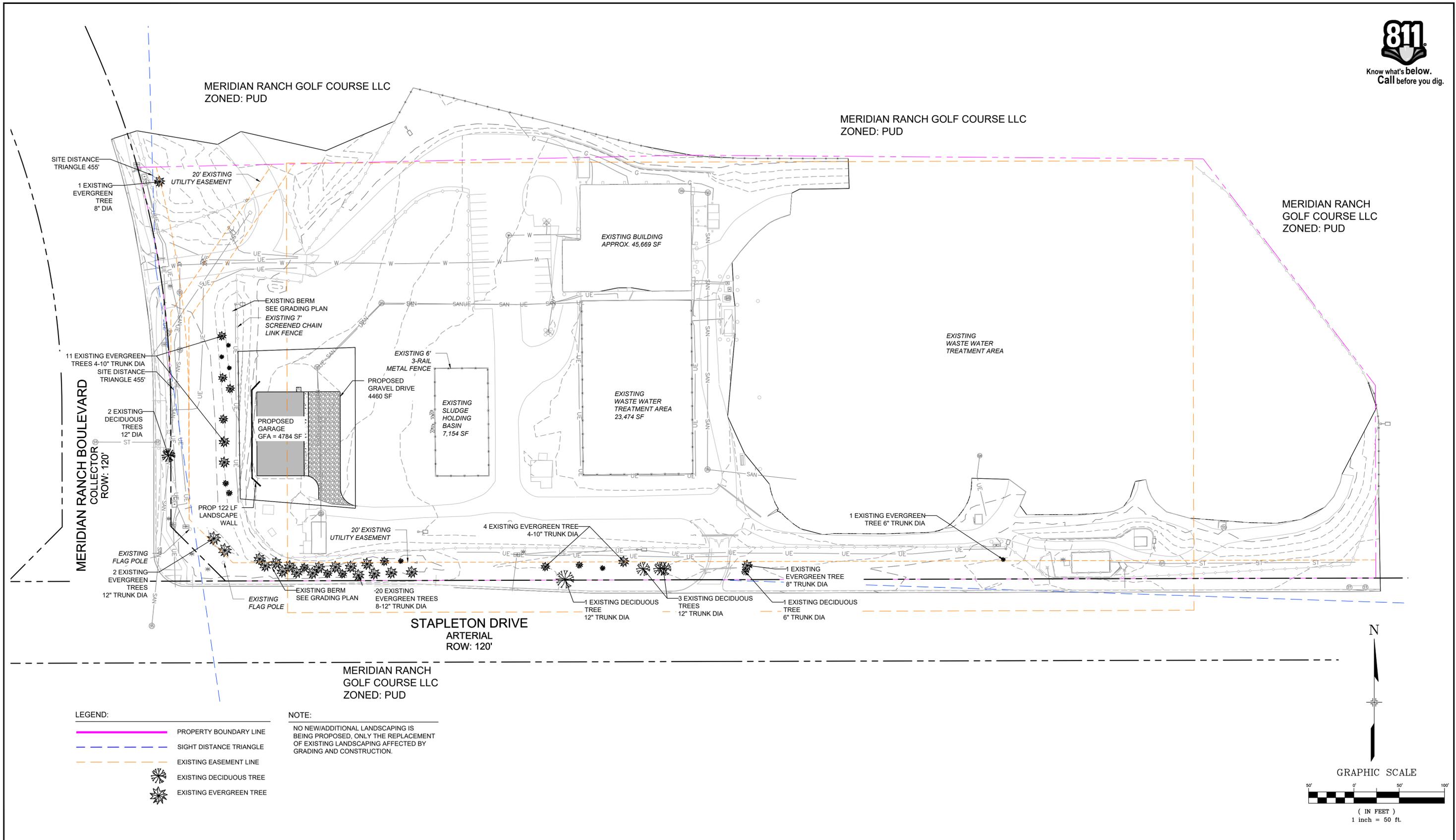
SEAL
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 24.1462.001

WOODMEN HILLS WASTEWATER			
WOOMEN HILLS METRO 100% CONSTRUCTION DOCUMENTS			
DETAIL GRADING PLAN			
DESIGNED BY:	MDP	SCALE	DATE ISSUED:
DRAWN BY:	KGI	HORIZ 1" = 10'	JUNE 2025
CHECKED BY:	MDP	VERT. N/A	SHEET 5 OF 8
			DRAWING No. GR01



Know what's below.
Call before you dig.

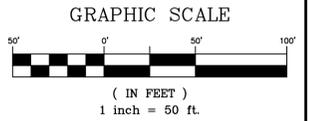


LEGEND:

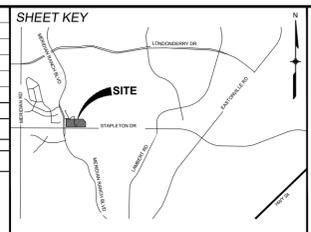
- PROPERTY BOUNDARY LINE
- SIGHT DISTANCE TRIANGLE
- EXISTING EASEMENT LINE
- EXISTING DECIDUOUS TREE
- EXISTING EVERGREEN TREE

NOTE:

NO NEW/ADDITIONAL LANDSCAPING IS BEING PROPOSED, ONLY THE REPLACEMENT OF EXISTING LANDSCAPING AFFECTED BY GRADING AND CONSTRUCTION.



REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\24.1462.001 - Woodmen Hills Wastewater Facility Storage\500 CADD\504 Plan Sets\Construction Plans\Landscape Plans\LS01.dwg			
CTB FILE: Matrix.ctb			
PLOT DATE: June 4, 2025 9:16:58 AM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



BENCHMARK
FIMS MONUMENT F602 IS A 2 1/2-INCH DIAMETER ALUMINUM CAP STAMPED "CSU FIMS CONTROL F602" LOCATED SOUTHWEST OF THE INTERSECTION OF TOURMALINE DRIVE AND MERIDIAN ROAD. ELEVATION WAS ESTABLISHED BY GPS OBSERVATIONS (GEOID 188) AND IS REFERENCED TO NAVD88 ELEVATION = 7,102.42, FEET. COORDINATE SYSTEM: NAD83 COLORADO STATE PLANE, CENTRAL ZONE, US SURVEY FOOT).

BASIS OF BEARING
BEARINGS ARE BASED ON THE WEST LINE OF TRACT K DESCRIBED IN MERIDIAN RANCH FILING NO. 1 RECORDED AT RECEPTION NO. 202156316 IN THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDER'S OFFICE, MONUMENTED AT BOTH ENDS BY A 1-INCH ALUMINUM CAP STAMPED "POLARIS, PLS 27605", AND IS ASSUMED TO BEAR NORTH 00°08'58" WEST, A DISTANCE OF 131.85 FEET.



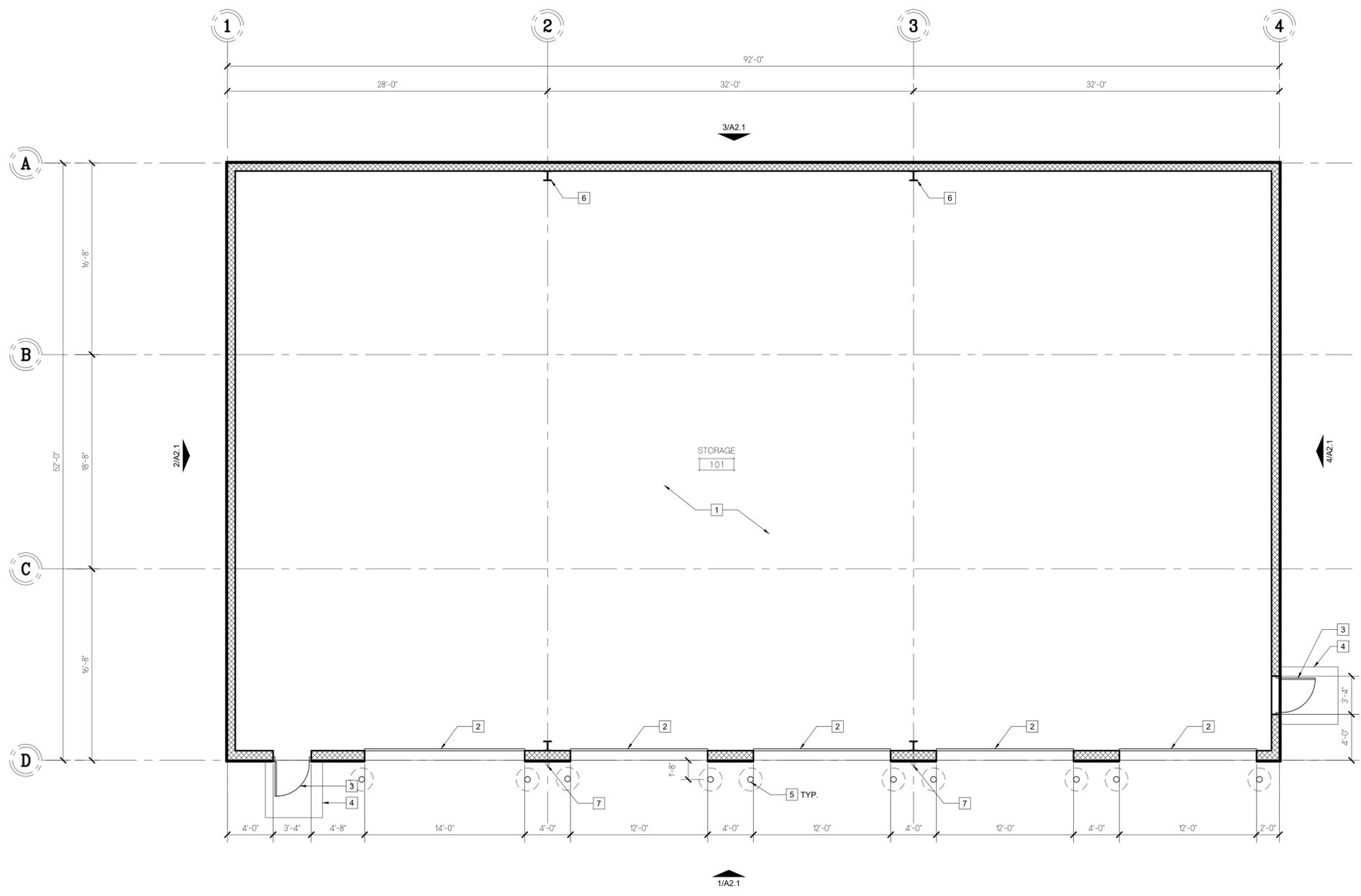
SEAL

PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 24.1462.001

WOODMEN HILLS WASTEWATER			
WOODMEN HILLS METRO 100% CONSTRUCTION DOCUMENTS			
EXISTING LANDSCAPE			
DESIGNED BY:	MDF	SCALE:	DATE ISSUED:
DRAWN BY:	KGI	HORIZ 1" = 50'	JUNE 2025
CHECKED BY:	MDF	VERT. N/A	SHEET
			DRAWING No. LS01
			6 OF 8

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1 PROPOSED FLOOR PLAN
 SCALE: 3/16" = 1'-0"
 GROSS FLOOR AREA = 4,784 SF

WALL LEGEND	
	NEW EXTERIOR PEMB METAL BUILDING WALL - HORIZONTAL GIRT FRAMING OVER RIGID FRAME WITH R-13 CONTINUOUS INSULATION AND R-13 CAVITY INSULATION. PROVIDE INTERIOR SCRIM SHEET WALL PROTECTION, FULL HEIGHT.

- GENERAL NOTES**
- PROJECT DESCRIPTION: NEW STORAGE FACILITY FOR THE WOODMEN HILLS WASTEWATER DISTRICT FOR STORAGE OF MISCELLANEOUS EQUIPMENT AND TRUCK PARKING.
 - VERIFY FINAL ELECTRICAL OUTLET, PHONE/DATA AND SWITCH PLATE LOCATIONS W/ OWNER TYPICAL.
 - ALL SUB-CONTRACTORS SHALL CONFIRM THE LOCATION OF ALL EXIST. UTILITIES AND COORDINATE THE INSTALLATION OF ALL NEW UTILITIES AND METER LOCATIONS WITH THE UTILITY COMPANY OR GOVERNMENT AUTHORITY HAVING JURISDICTION OVER THE PROJECT.
 - PROVIDE (1) 5LB 2A-10B.C PORTABLE FIRE EXTINGUISHER AT INTERVALS NOT TO EXCEED 75' TRAVEL DISTANCE. MINIMUM (2) REQUIRED FOR THIS BUILDING.

- FLOOR PLAN KEYED NOTES**
- UNFINISHED CONCRETE FLOOR SLAB - PROVIDE SMOOTH FINISH. REFER TO STRUCTURAL FOR CONTROL JOINT SPACING.
 - 12'W X 25' HIGH INSULATED GARAGE-TYPE OVERHEAD DOOR WITH 3-BUTTON POWERED CONTROL.
 - 3'W X 7'H MAN DOOR - HOLLOW METAL DOOR IN HOLLOW METAL FRAME, PRIMED AND PAINTED TO MATCH EXTERIOR WALL.
 - 5'X5' CONCRETE LANDING AT EXTERIOR DOORS - REFER TO STRUCTURAL FOR REQUIRED TURN-DOWN/FOOTING.
 - 6" DIA. X 4" HIGH CONCRETE FILLED STEEL BOLLARD IN CONCRETE FOOTING. PAINT SAFETY YELLOW.
 - RIGID STEEL FRAME BY BUILDING MFR.
 - 4" DIA. MIN VERTICAL RAIN WATER LEADER. REFER TO CIVIL FOR CONNECTION AND OUTLET.

ShouDesign
 Commercial Architecture
 3140 WINDHAMMER DR.
 COLORADO SPRINGS, CO 80920
 PH: (719) 400-1114

NOT FOR CONSTRUCTION

A NEW STORAGE BUILDING FOR:
WOODMEN HILLS WASTE WATER
 MERIDIAN RANCH BLVD
 PEYTON, CO 80831

NO.	Revision	Date

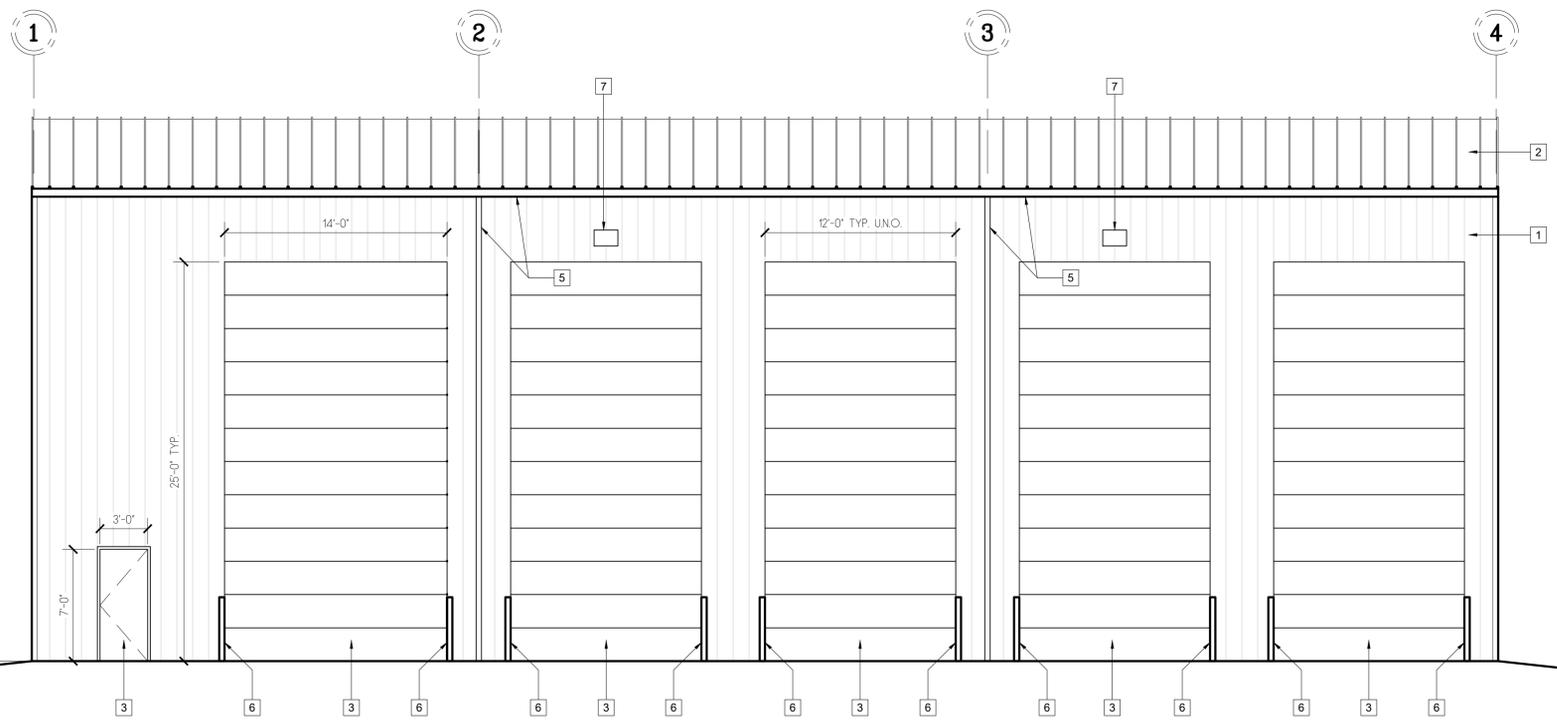
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ShouDesign Project No: 25004
Drawn by: JHS Checked by: JHS
Drawing Issue: SCHEMATIC DESIGN
DATE: 5/29/2025

A1.1

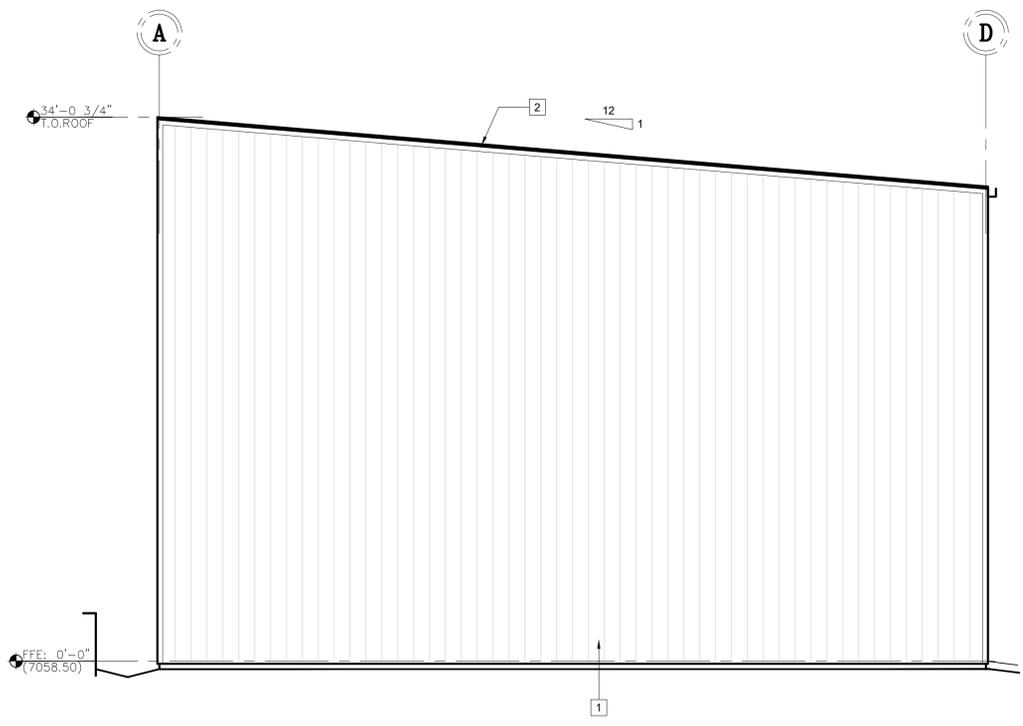
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NOT FOR CONSTRUCTION

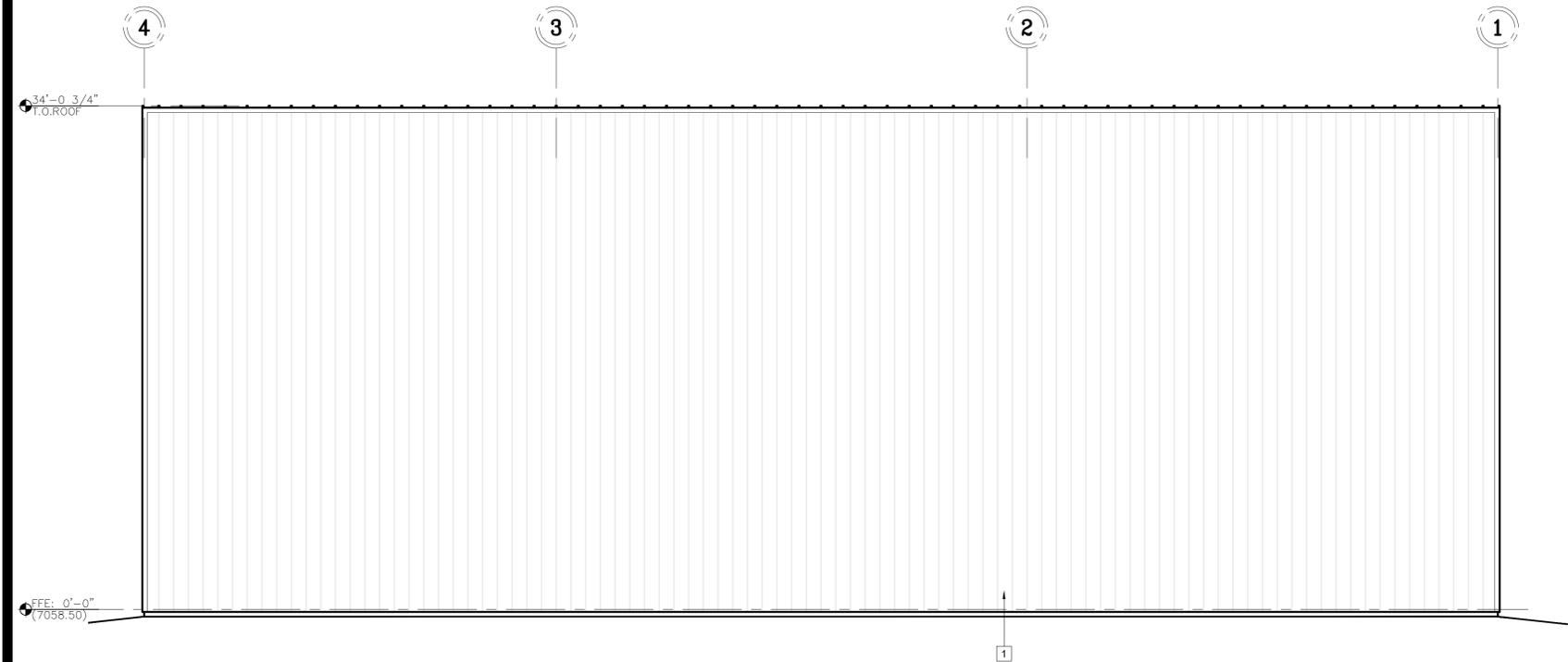
A NEW STORAGE BUILDING FOR:
WOODMEN HILLS WASTE WATER
 MERIDIAN RANCH BLVD
 PEYTON, CO 80831



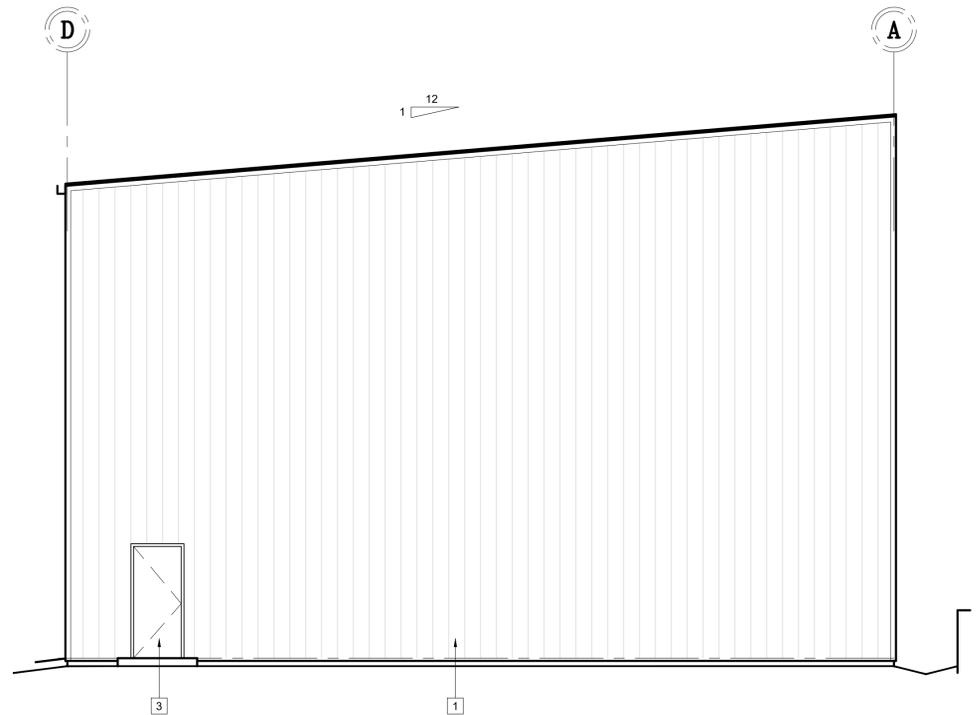
1 EAST EXTERIOR ELEVATION
 SCALE: 3/16" = 1'-0"



2 SOUTH EXT. ELEVATION
 SCALE: 3/16" = 1'-0"



3 WEST EXTERIOR ELEVATION
 SCALE: 3/16" = 1'-0"



4 NORTH EXT. ELEVATION
 SCALE: 3/16" = 1'-0"

ELEVATION KEYED NOTES	
1 VERTICAL RIBBED METAL SIDING - WHITE STANDARD FACTORY FINISH TO MATCH EXISTING BUILDINGS ON SITE.	6 6" DIA. X 4' HIGH CONCRETE FILLED STEEL BOLLARD, PAINT SAFETY YELLOW
2 STANDING SEAM METAL ROOF SYSTEM, COLOR: TBD	7 WALL-MOUNTED EXTERIOR LIGHT FIXTURE PER ELECTRICAL
3 12'W X 25' HIGH OVERHEAD SECTIONAL DOOR, COLOR TO MATCH BUILDING	
4 3'W X 7'-0" HOLLOW METAL DOOR IN HOLLOW METAL FRAME, PRIMED AND PAINTED.	
5 PRE-FINISHED GUTTER AND DOWNSPOUT - COLOR TO MATCH ROOF	

NO.	Revision	Date

Sheet Title: EXTERIOR ELEVATIONS	
ShouDesign Project No: 25004	
Drawn by: JHS	Checked by: JHS
Drawing Issue: SCHEMATIC DESIGN	
DATE: 5/29/2025	

A2.1