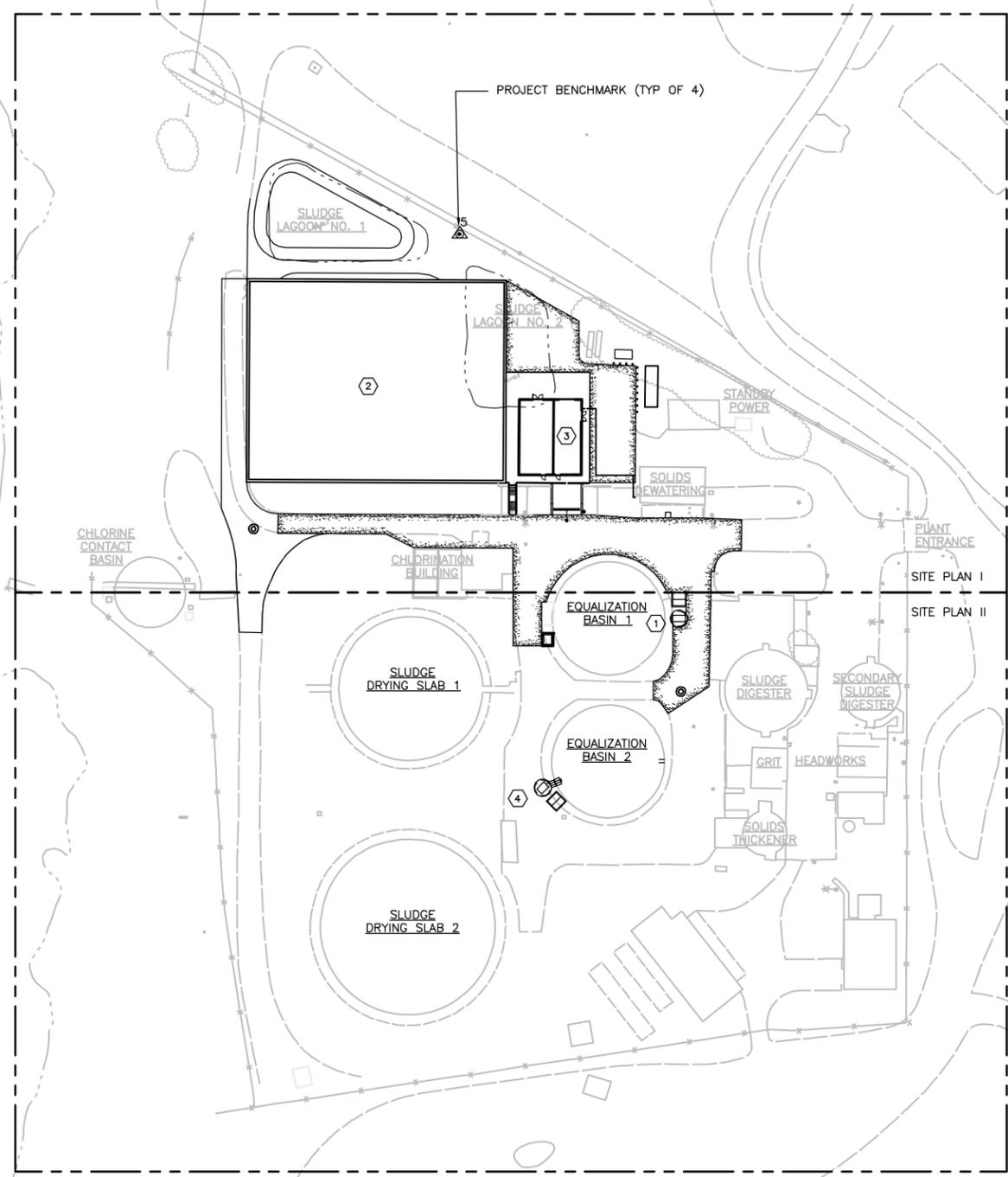


ATTACHMENT 2
PROJECT PLANS



- KEYNOTES:**
- ① INFLUENT PUMP STATION
SEE DRAWING C09 FOR PLANS AND SECTION
 - ② PACKAGE BIOLOGICAL TREATMENT FACILITY
SEE DRAWINGS P01 & S16 FOR GENERAL LAYOUT
 - ③ ELECTRICAL AND DEWATERING BUILDING
SEE DRAWING P03 THROUGH P05 FOR PLAN AND SECTIONS
 - ④ STORMWATER PUMP STATION
SEE DRAWING C10 FOR PLANS AND SECTION

- NOTES:**
- 1. SEE SHEET C01 FOR CONTRACTOR STAGING AREA.



BENCHMARK TABLE			
Point #	Elevation	Northing	Easting
2	61.56	2290512.26	6049484.17
3	52.27	2291244.90	6049628.68
4	—	2291491.93	6049203.74
5	48.58	2291270.00	6049238.10

CONTROL DESCRIPTION

VERTICAL DATUM
VERTICAL DATUM BASED NGS BENCH MARK DESIGNATED AS B 210 NGVD 1988

HORIZONTAL DATUM
HORIZONTAL DATUM BASED ON CALIFORNIA STATE PLANE ZONE 2

SITE ACCESS FROM KEYPAD CONTROLLED, AUTOMATIC GATED ENTRANCE AT PUBLIC PARKING LOT OF NOYO HEADLANDS PARK, WEST END OF CYPRESS ROAD, APPROXIMATELY 1,000 FEET TO THE SOUTHWEST.



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DESIGNED	CAO
CHECKED	THK
DRAWN	PVM
DATE	JUNE 3, 2016
PROJECT NUMBER	260093



City of Fort Bragg
Wastewater Treatment Plant
Upgrades Project



FILENAME | 260093_0607
SCALE | 1" = 50'

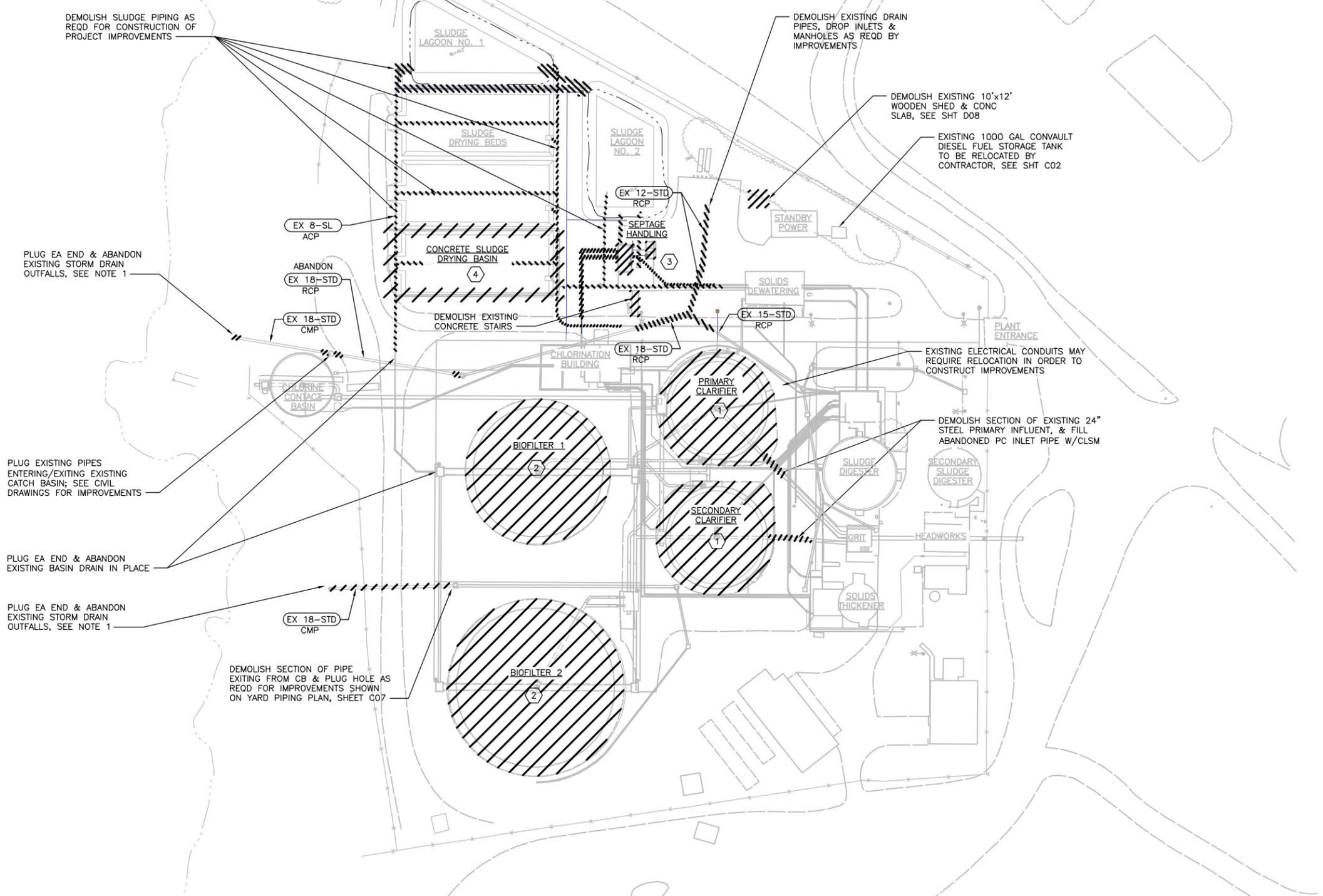
SHEET
G07

GENERAL
OVERALL SITE KEY PLAN



- KEYNOTES:**
- ① FOR DEMOLITION RELATED TO PRIMARY AND SECONDARY CLARIFIERS, SEE SHEETS D02 AND D03.
 - ② FOR DEMOLITION RELATED TO BIOFILTERS 1 AND 2, SEE SHEETS D04 AND D05.
 - ③ FOR DEMOLITION RELATED TO SEPTAGE HANDLING FACILITIES, SEE SHEETS D06 & D07.
 - ④ FOR DEMOLITION RELATED TO CONCRETE SLUDGE DRYING BASIN, SEE SHEET D08.

- NOTES:**
1. AT LIMITS OF PIPE DEMOLITION SHOWN, CONTRACTOR SHALL CAP EXISTING PIPE FOR PIPES TO BE LEFT IN SERVICE, OR PLUG PIPE AND FILL WITH CONTROLLED LOW STRENGTH MATERIAL PER DETAIL SHOWN ON SHEET G08 IF REMAINING PIPE IS TO BE ABANDONED IN PLACE.



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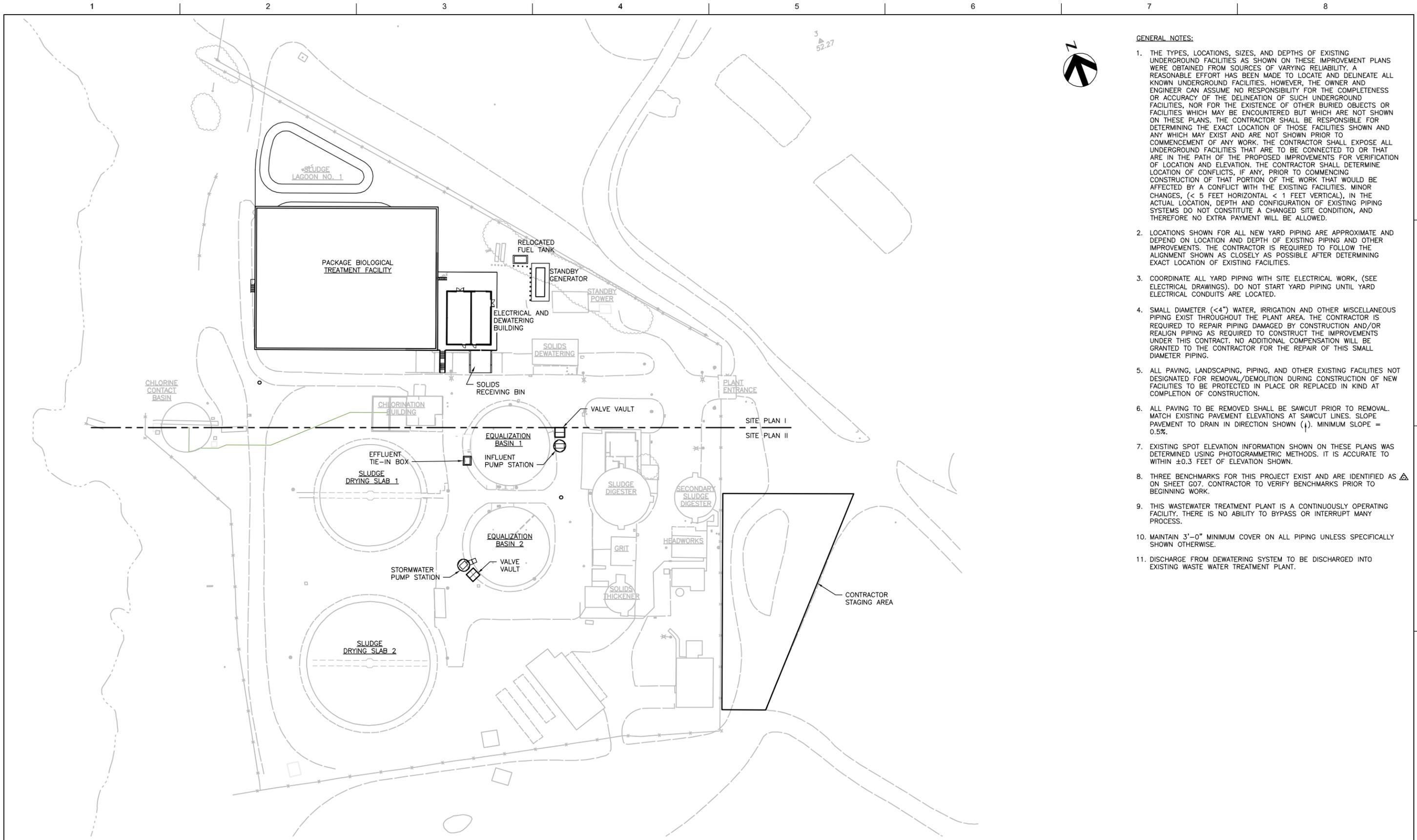
**City of Fort Bragg
Wastewater Treatment Plant
Upgrades Project**



**DEMOLITION
SITE PLAN**

FILENAME | 260093_1D01
SCALE | 1" = 40'

SHEET
D01



GENERAL NOTES:

1. THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UNDERGROUND FACILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND FACILITIES. HOWEVER, THE OWNER AND ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND FACILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR FACILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THOSE FACILITIES SHOWN AND ANY WHICH MAY EXIST AND ARE NOT SHOWN PRIOR TO COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND FACILITIES THAT ARE TO BE CONNECTED TO OR THAT ARE IN THE PATH OF THE PROPOSED IMPROVEMENTS FOR VERIFICATION OF LOCATION AND ELEVATION. THE CONTRACTOR SHALL DETERMINE LOCATION OF CONFLICTS, IF ANY, PRIOR TO COMMENCING CONSTRUCTION OF THAT PORTION OF THE WORK THAT WOULD BE AFFECTED BY A CONFLICT WITH THE EXISTING FACILITIES. MINOR CHANGES, (< 5 FEET HORIZONTAL < 1 FEET VERTICAL), IN THE ACTUAL LOCATION, DEPTH AND CONFIGURATION OF EXISTING PIPING SYSTEMS DO NOT CONSTITUTE A CHANGED SITE CONDITION, AND THEREFORE NO EXTRA PAYMENT WILL BE ALLOWED.
2. LOCATIONS SHOWN FOR ALL NEW YARD PIPING ARE APPROXIMATE AND DEPEND ON LOCATION AND DEPTH OF EXISTING PIPING AND OTHER IMPROVEMENTS. THE CONTRACTOR IS REQUIRED TO FOLLOW THE ALIGNMENT SHOWN AS CLOSELY AS POSSIBLE AFTER DETERMINING EXACT LOCATION OF EXISTING FACILITIES.
3. COORDINATE ALL YARD PIPING WITH SITE ELECTRICAL WORK, (SEE ELECTRICAL DRAWINGS), DO NOT START YARD PIPING UNTIL YARD ELECTRICAL CONDUITS ARE LOCATED.
4. SMALL DIAMETER (<4") WATER, IRRIGATION AND OTHER MISCELLANEOUS PIPING EXIST THROUGHOUT THE PLANT AREA. THE CONTRACTOR IS REQUIRED TO REPAIR PIPING DAMAGED BY CONSTRUCTION AND/OR REALIGN PIPING AS REQUIRED TO CONSTRUCT THE IMPROVEMENTS UNDER THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE GRANTED TO THE CONTRACTOR FOR THE REPAIR OF THIS SMALL DIAMETER PIPING.
5. ALL PAVING, LANDSCAPING, PIPING, AND OTHER EXISTING FACILITIES NOT DESIGNATED FOR REMOVAL/DEMOLITION DURING CONSTRUCTION OF NEW FACILITIES TO BE PROTECTED IN PLACE OR REPLACED IN KIND AT COMPLETION OF CONSTRUCTION.
6. ALL PAVING TO BE REMOVED SHALL BE SAWCUT PRIOR TO REMOVAL. MATCH EXISTING PAVEMENT ELEVATIONS AT SAWCUT LINES. SLOPE PAVEMENT TO DRAIN IN DIRECTION SHOWN (↓). MINIMUM SLOPE = 0.5%.
7. EXISTING SPOT ELEVATION INFORMATION SHOWN ON THESE PLANS WAS DETERMINED USING PHOTOGRAMMETRIC METHODS. IT IS ACCURATE TO WITHIN ±0.3 FEET OF ELEVATION SHOWN.
8. THREE BENCHMARKS FOR THIS PROJECT EXIST AND ARE IDENTIFIED AS Δ ON SHEET G07. CONTRACTOR TO VERIFY BENCHMARKS PRIOR TO BEGINNING WORK.
9. THIS WASTEWATER TREATMENT PLANT IS A CONTINUOUSLY OPERATING FACILITY. THERE IS NO ABILITY TO BYPASS OR INTERRUPT MANY PROCESS.
10. MAINTAIN 3'-0" MINIMUM COVER ON ALL PIPING UNLESS SPECIFICALLY SHOWN OTHERWISE.
11. DISCHARGE FROM DEWATERING SYSTEM TO BE DISCHARGED INTO EXISTING WASTE WATER TREATMENT PLANT.



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**City of Fort Bragg
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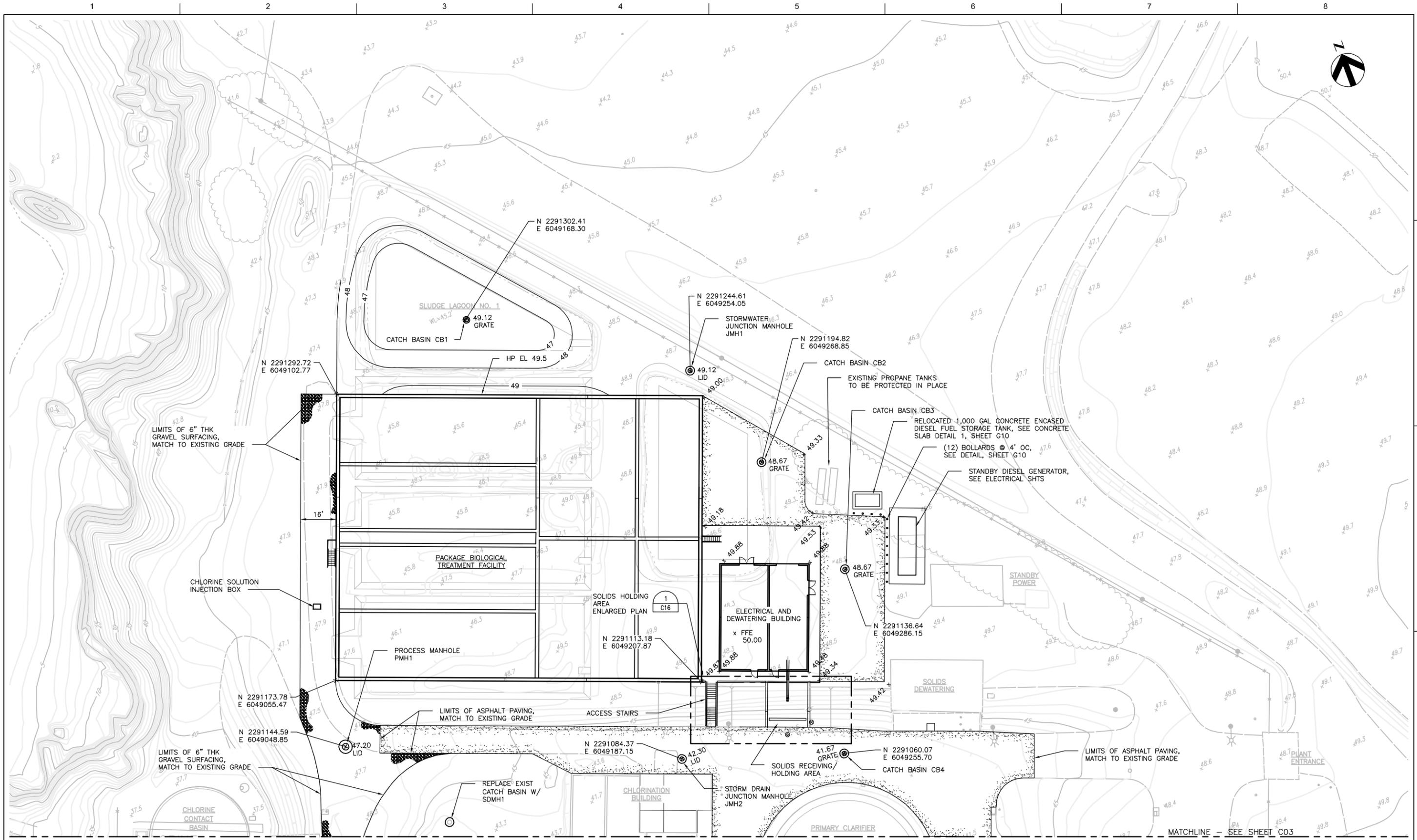
CIVIL

**CONTRACTOR STAGING AREA,
AND GENERAL NOTES**

SCALE 1" = 40'

FILENAME | 260093_2C01

SHEET | **C01**



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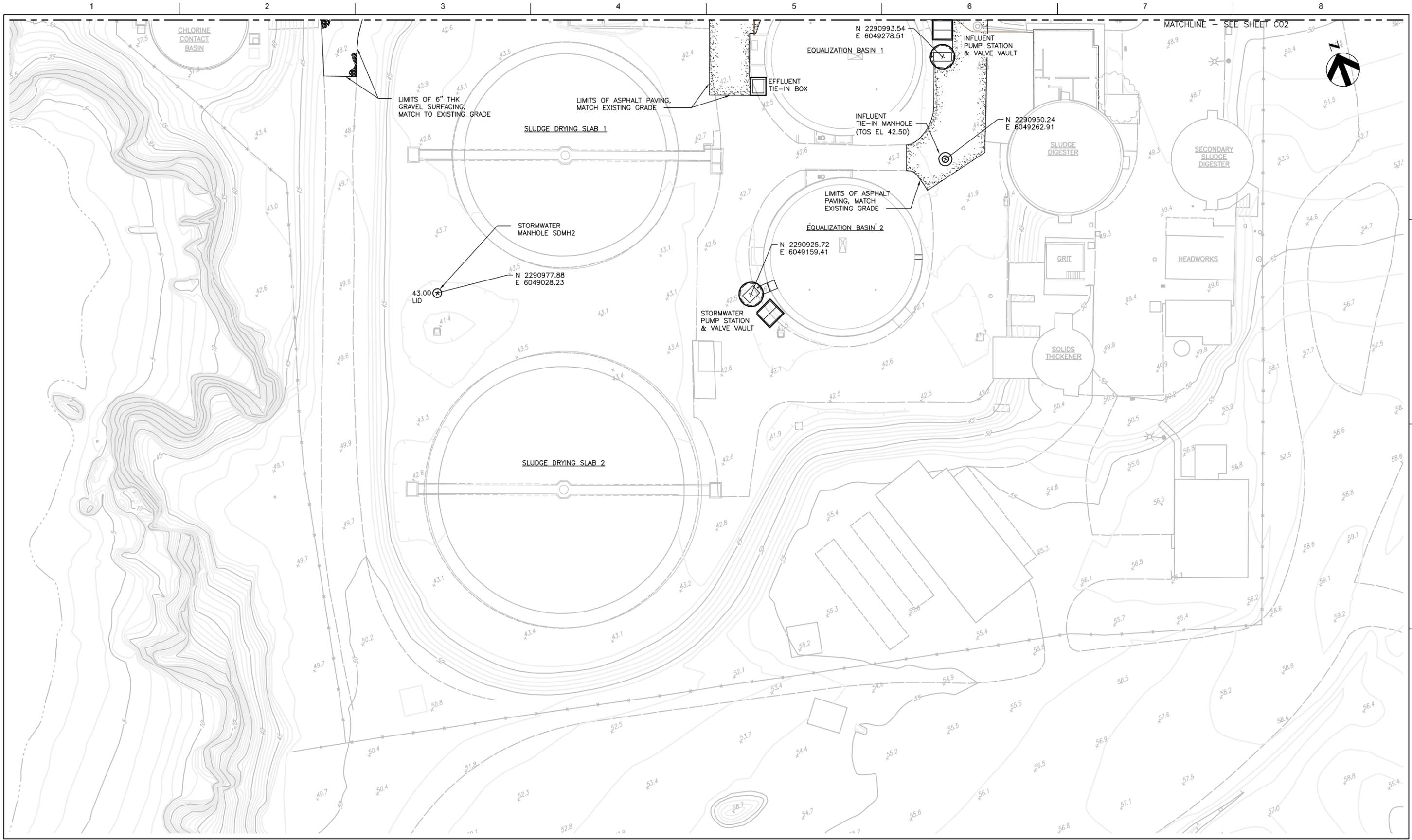


FILENAME | 260093_2C02
SCALE | 1" = 20'

SHEET
C02

CIVIL
SITE GRADING AND PAVING PLAN I

MATCHLINE - SEE SHEET C03

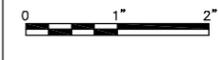


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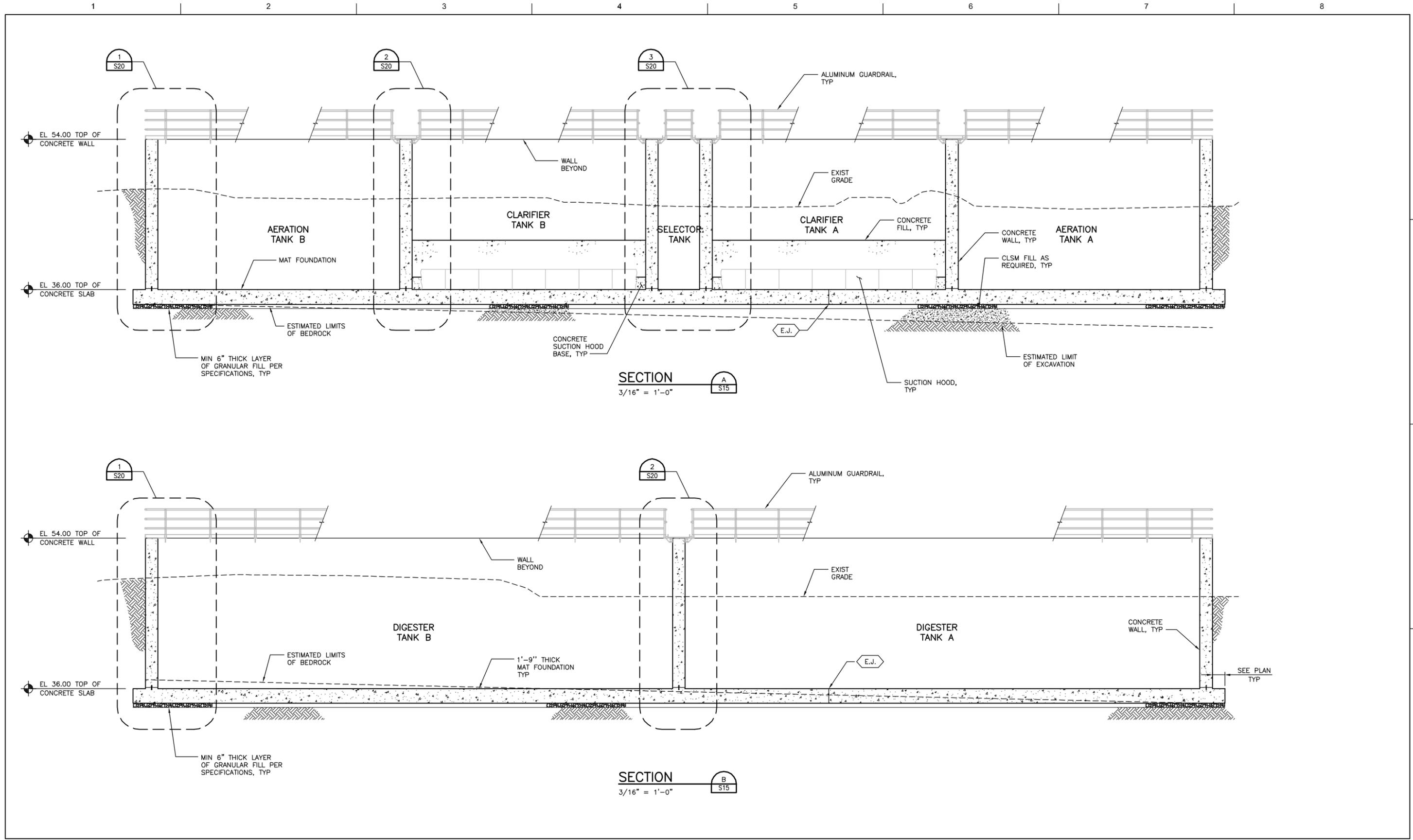
City of Fort Bragg
Wastewater Treatment Plant
Upgrades Project



FILENAME | 260093_2C03
SCALE | 1" = 20'

SHEET
C03

CIVIL
SITE GRADING AND PAVING PLAN II



ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER	CRAIG A. OLSON
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CHECKED	OT
DRAWN	RP
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City of Fort Bragg
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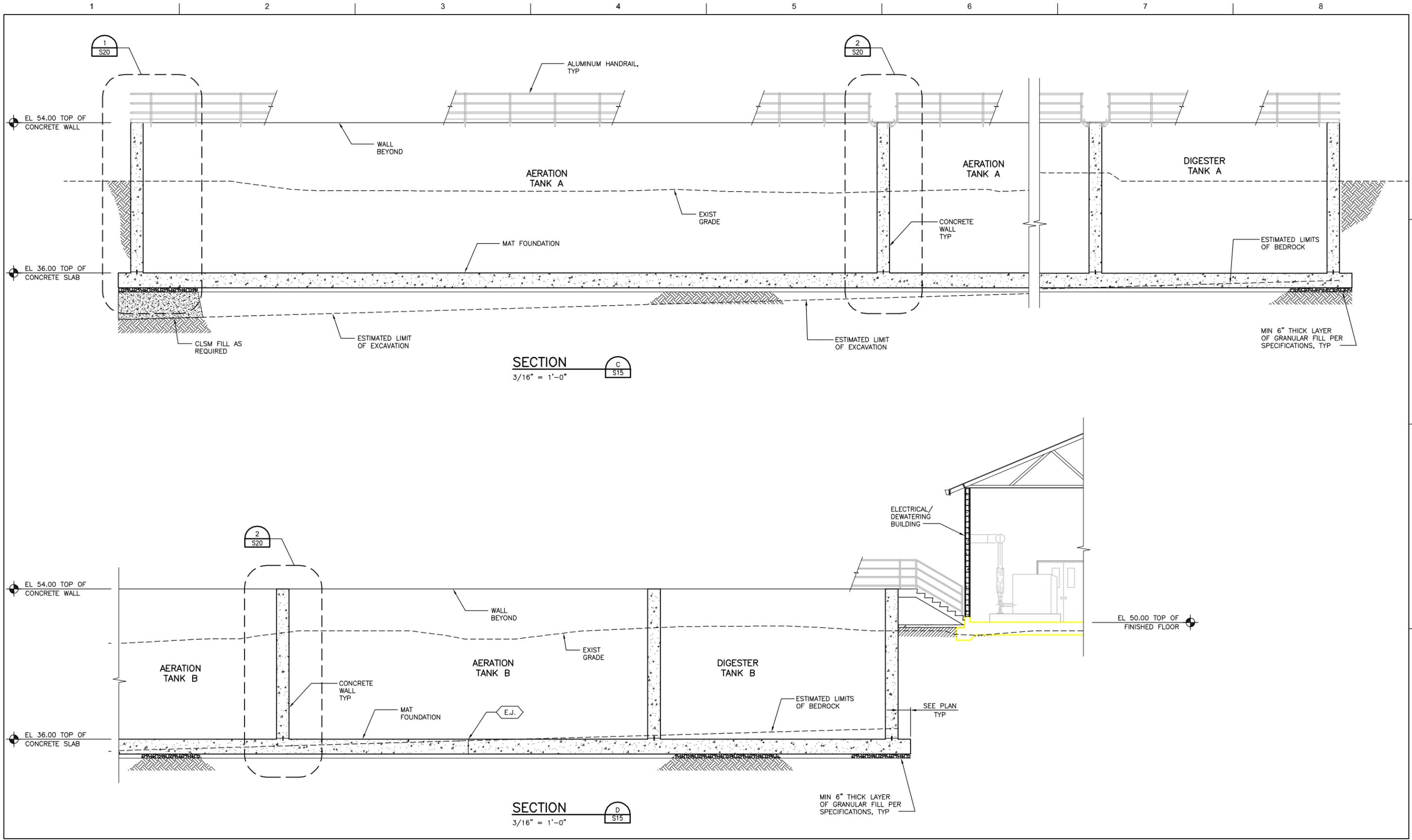
STRUCTURAL

PACKAGE BIOLOGICAL TREATMENT FACILITY SECTIONS I

SCALE AS NOTED

FILENAME 260093_4S17

SHEET **S17**



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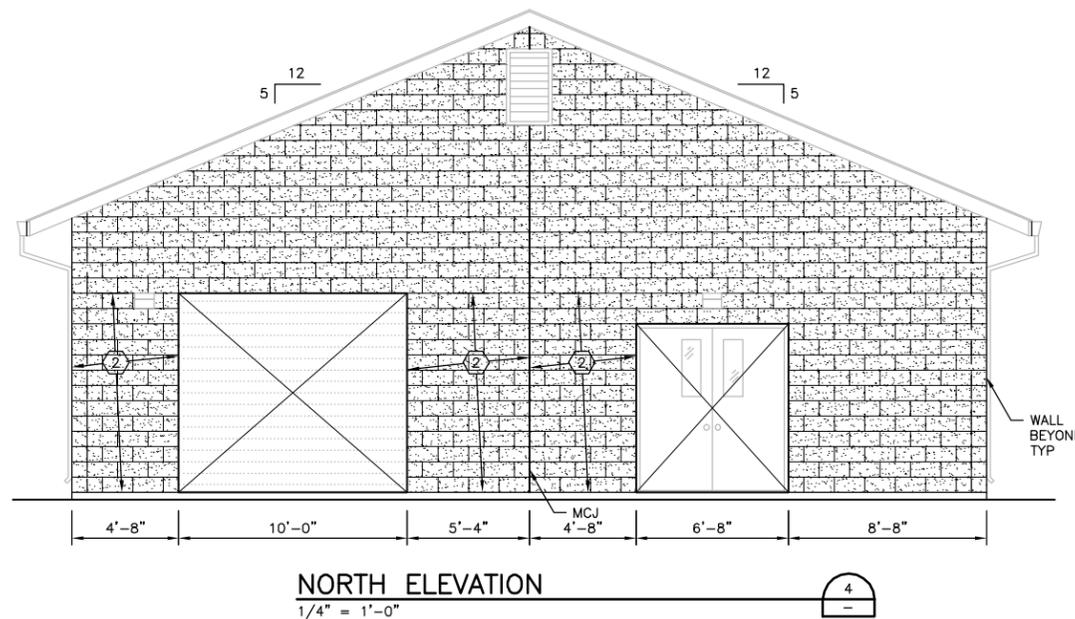
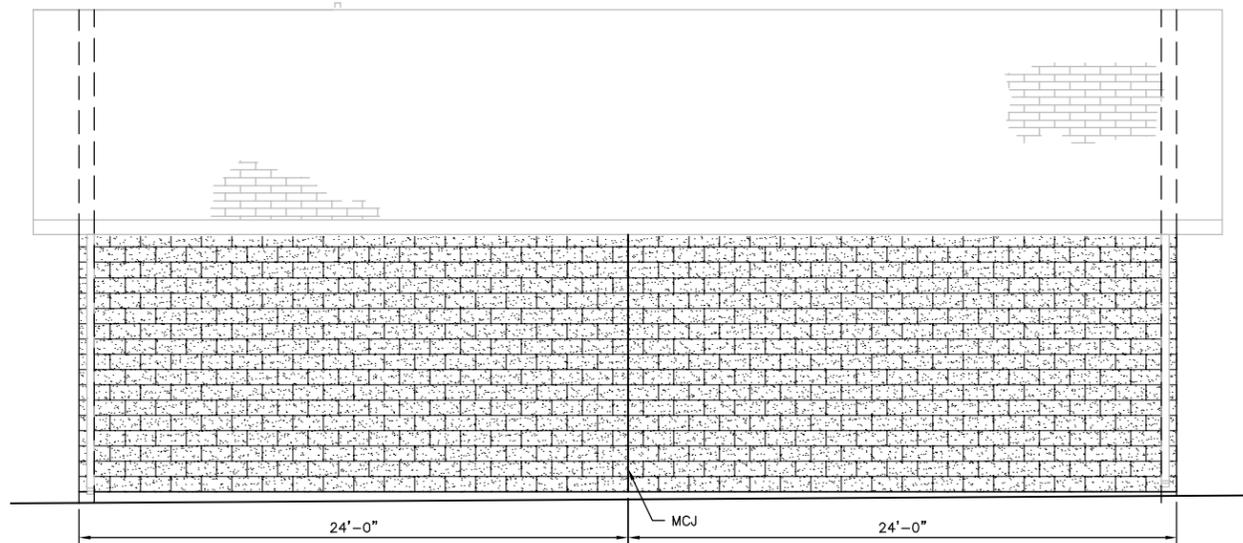
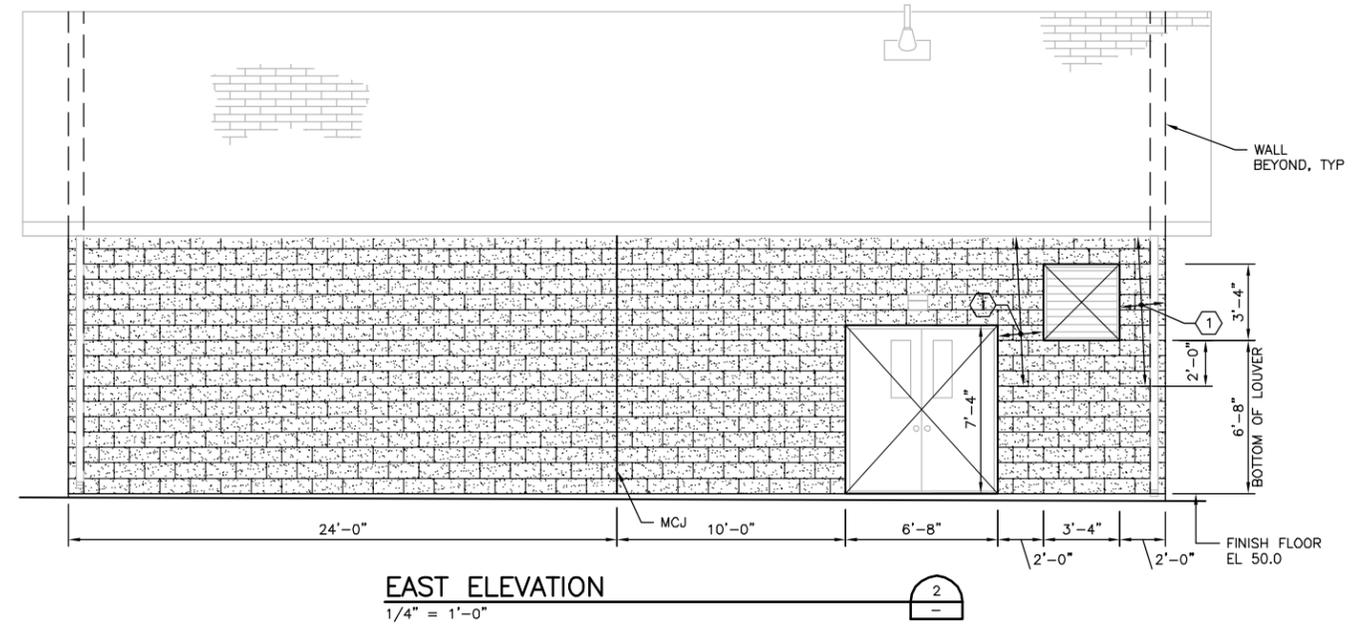
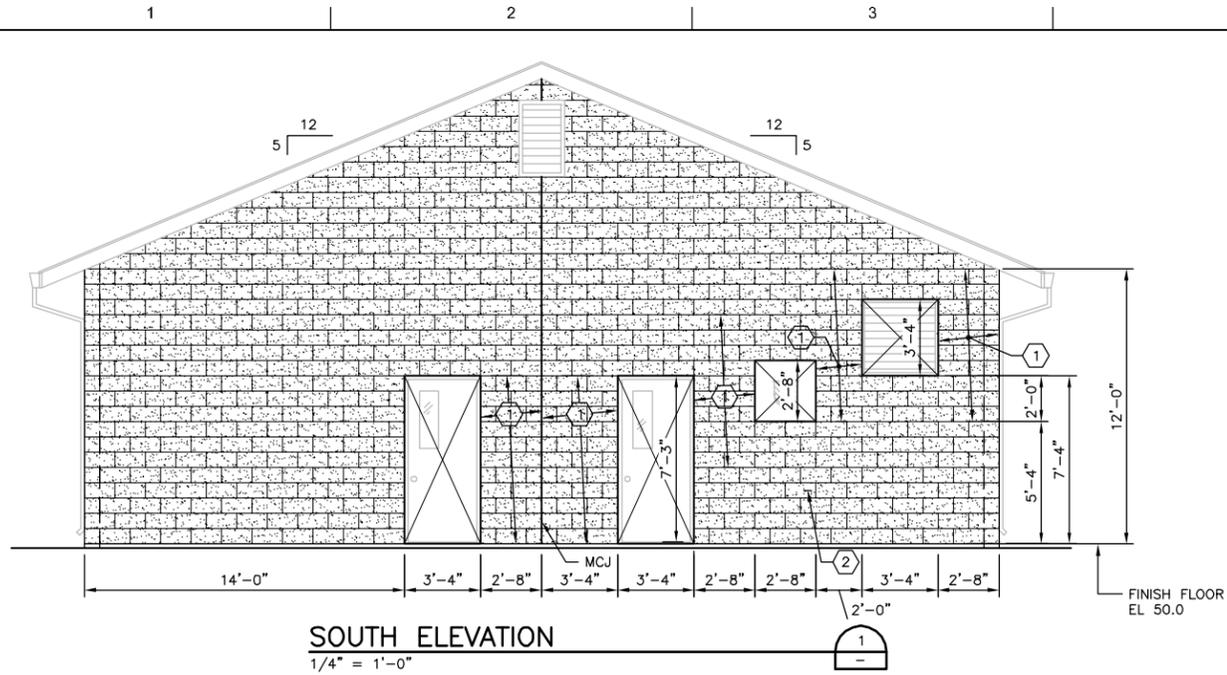
STRUCTURAL

**PACKAGE BIOLOGICAL TREATMENT FACILITY
SECTIONS II**

0 1" 2"

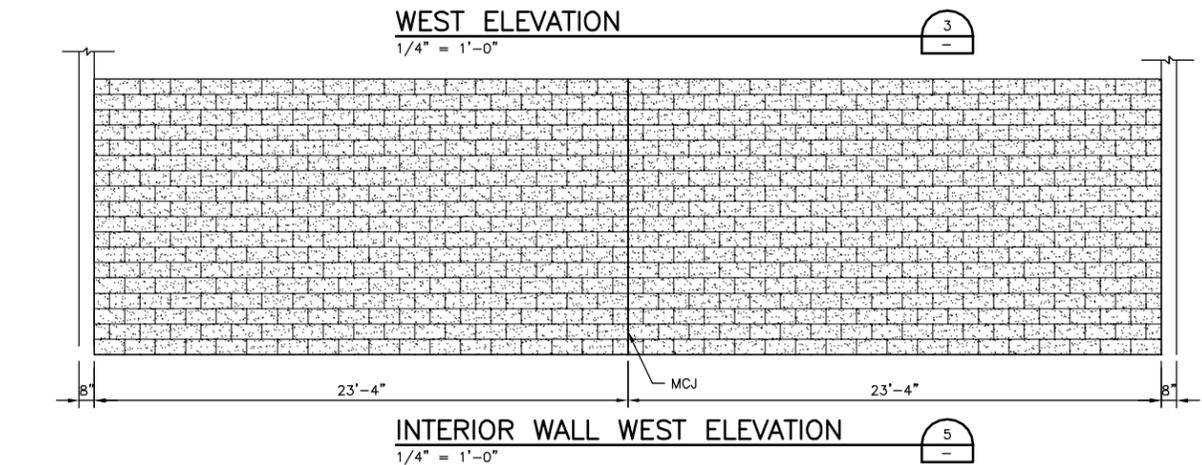
FILENAME | 260093_4S18
SCALE | AS NOTED

SHEET
S18



- NOTES:**
- FOR GENERAL NOTES SEE SHEETS S01 AND S02.
 - FOR TYPICAL CMU WALL DETAILS AND REINFORCING, SEE SHEET S10 UNLESS NOTED OTHERWISE.
 - MCJ DENOTES MASONRY CONTROL JOINT.

- KEY NOTES:**
- USE #4@8" FOR VERTICAL AND HORIZONTAL BARS.
 - REDUCE HORIZONTAL SPACING TO 16" UNLESS MORE RESTRICTIVE REQUIREMENTS APPLY.



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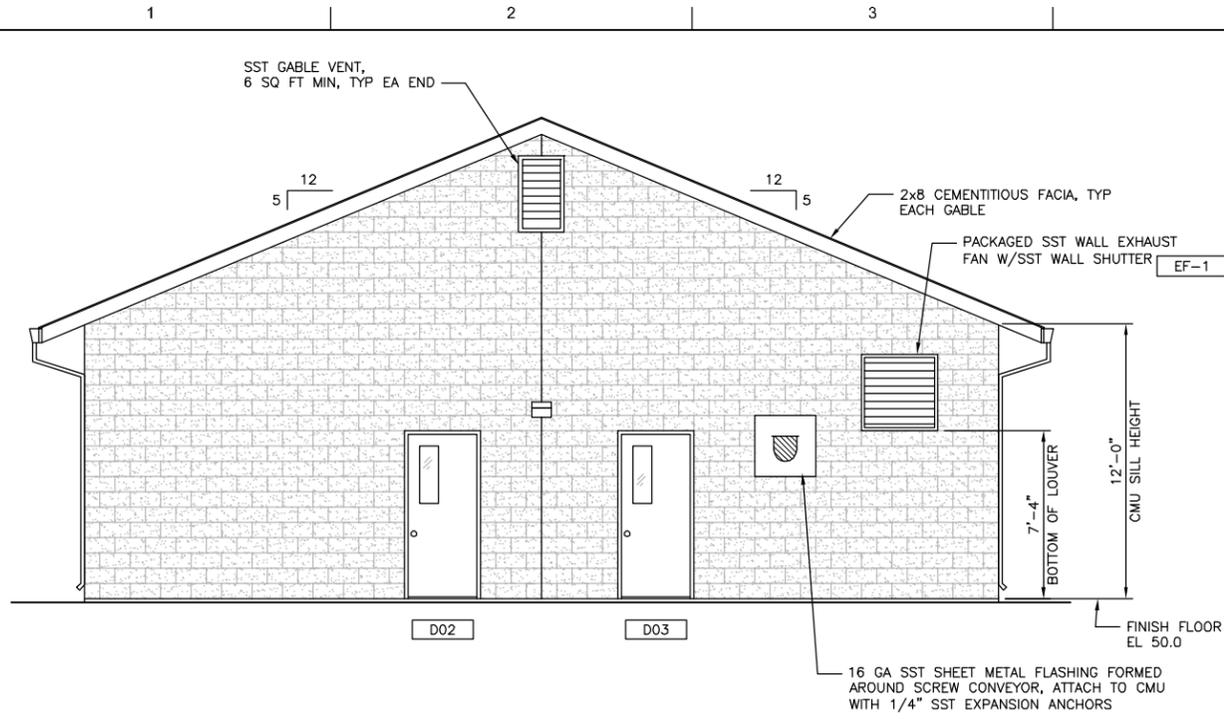


City of Fort Bragg
Wastewater Treatment Plant
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STRUCTURAL

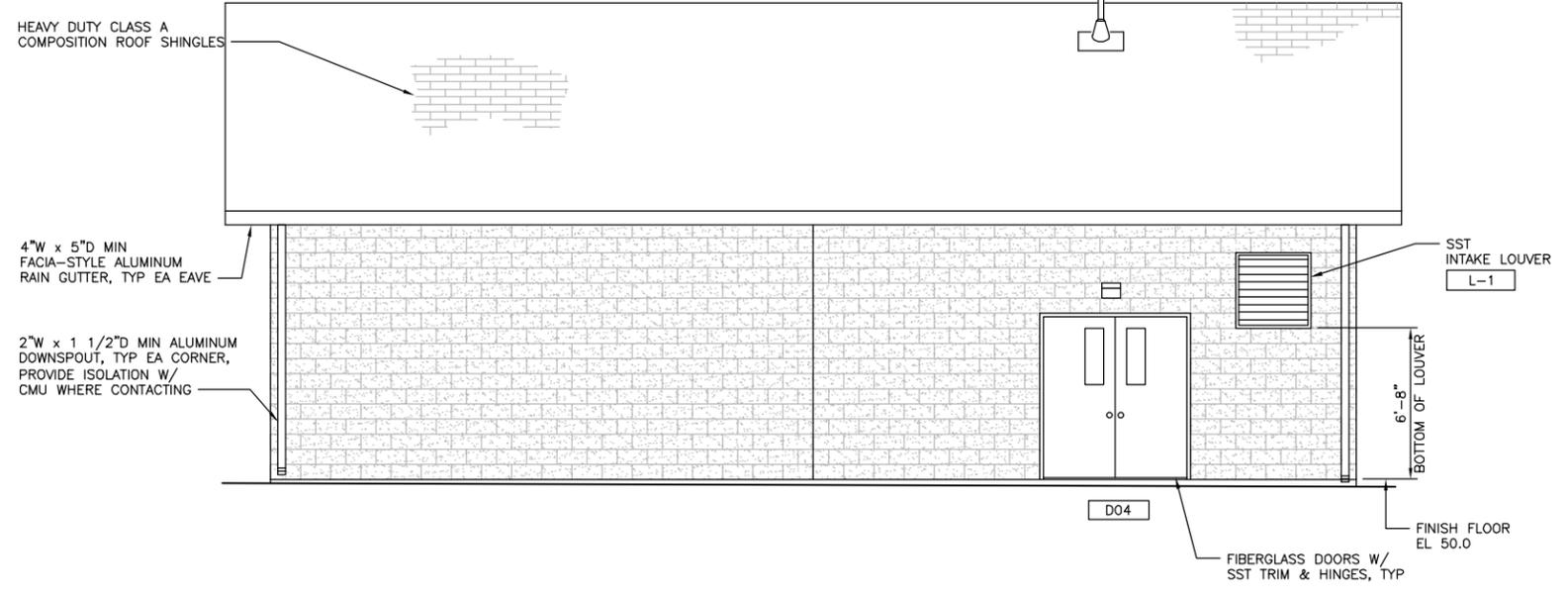
**ELECTRICAL AND DEWATERING BUILDING
EXTERIOR ELEVATIONS**

0 1" 2" FILENAME 260093_4S24 SHEET
SCALE AS NOTED **S24**



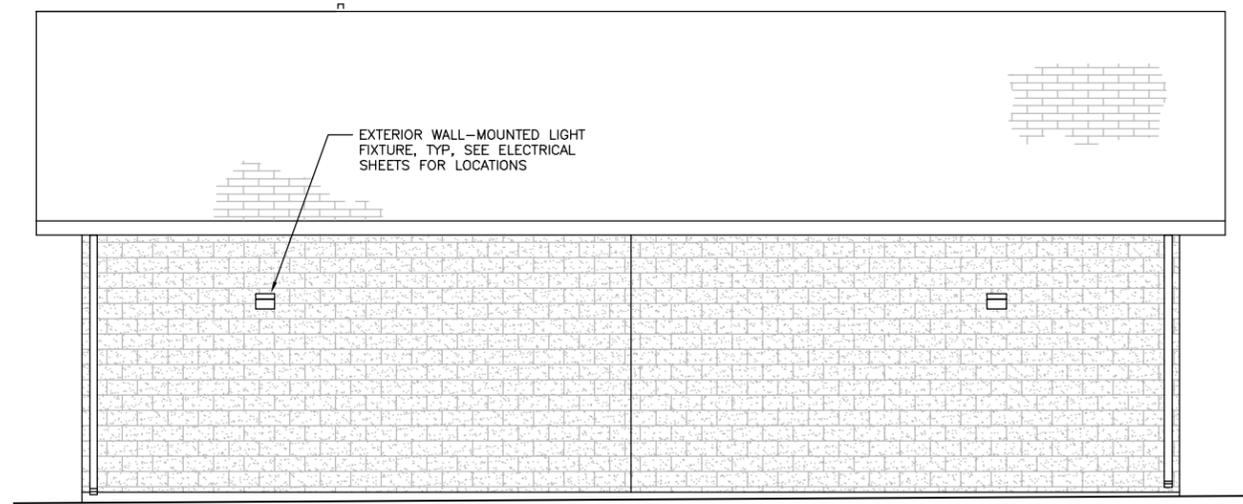
SOUTH ELEVATION
1/4" = 1'-0"

1
A01



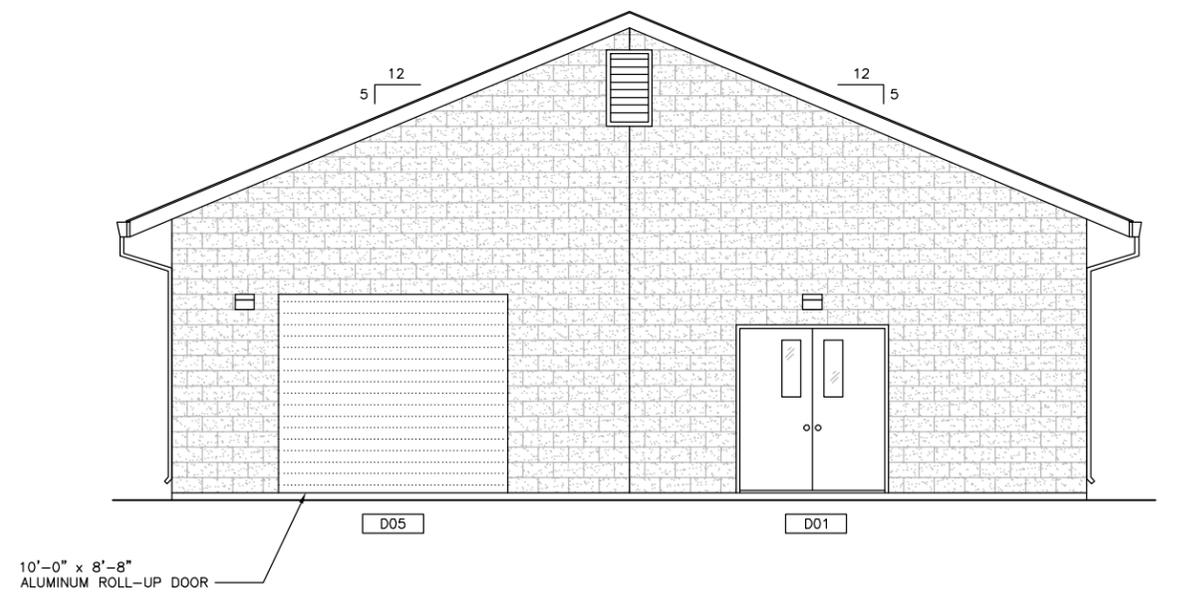
EAST ELEVATION
1/4" = 1'-0"

2
A01



WEST ELEVATION
1/4" = 1'-0"

3
A01



NORTH ELEVATION
1/4" = 1'-0"

4
A01



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City of Fort Bragg
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ARCHITECTURAL

ELECTRICAL AND DEWATERING BUILDING
EXTERIOR ELEVATIONS

0 1" 2" FILENAME | 260093_5A02 SHEET |
SCALE | NTS | **A02**