

MATCH LINE SEE SHEET L2

PLANT SCHEDULE

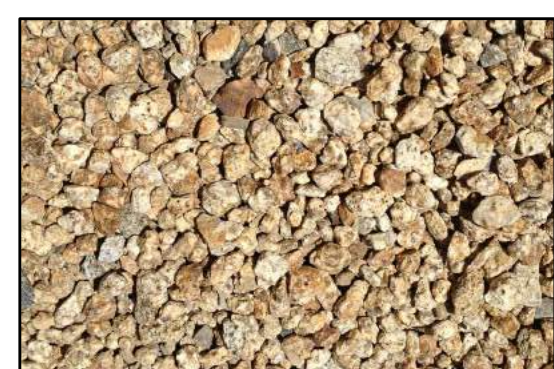
TREES	QTY	BOTANICAL / COMMON NAME	SIZE	NOTE	WATER USE
	26	EBENOPSIS EBANO / TEXAS EBONY	24" BOX	MULTI TRUNK	0.2 LOW
	22	OLNEYA TESOTA / DESERT IRONWOOD	24" BOX	MULTI TRUNK	0.2 LOW
	18	PROSOPIS X 'PHOENIX' TM / HYBRID MESQUITE	36" BOX	MULTI TRUNK	0.2 LOW
	15	TIPUANA TIFU / TIFU TREE	24" BOX	STANDARD TRUNK	0.5 MOD
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE	NOTE	WATER USE
	16	WASHINGTONIA FILIFERA / CALIFORNIA FAN PALM	12' BTH	SKINNED	0.5 MOD
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	
	49	CALLIANDRA CALIFORNICA / RED BAJA FAIRY DUSTER	5 GAL.	0.2 LOW	
	21	EREMOPHILA HYGROPHANA 'BLUE BELLS' / BLUE BELLS EMU BUSH	5 GAL.	0.2 LOW	
	64	LEUCOPHYLLUM LAEVIGATUM / CHIHUAHUA SAGE	5 GAL.	0.2 LOW	
	65	PYRACANTHA KOIDZUMII 'SANTA CRUZ' / SANTA CRUZ PYRACANTHA	5 GAL.	0.5 MOD	
	24	RUSSELLIA EQUISETIFORMIS / FIRECRACKER PLANT	5 GAL.	0.5 MOD	
DESERT ACCENTS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	
	20	AGAVE AMERICANA / CENTURY PLANT	15 GAL.	0.2 LOW	
	59	DASYLIRION WHEELERI / GREY DESERT SPOON	5 GAL.	0.2 LOW	
	24	HESPERALOE PARVIFLORA / RED YUCCA	5 GAL.	0.2 LOW	
GROUNDCOVERS	QTY	BOTANICAL / COMMON NAME	SIZE	WATER USE	
	30	BACCHARIS X 'CENTENNIAL' / CENTENNIAL COYOTE BRUSH	5 GAL.	0.2 LOW	
	46	EREMOPHILA GLABRA 'MINGENEW GOLD' / EMU BUSH	5 GAL.	0.2 LOW	

STONE & GRAVEL MATERIALS

- 133,200 S.F. 3/8" MINUS DESERT GOLD D.G. IN ALL PLANTING AREAS, LAID 3" THICK
- 13,000 S.F. 3/4" DESERT GOLD CRUSHED ROCK. IN SLOPE AREAS, LAID 2" THICK
- 3,150 S.F. 4"-6" GRAY CRESTA RUBBLE, COMPLETE COVERAGE IN DESIGNATED AREAS



3/8" MINUS DESERT GOLD D.G.



3/4" DESERT GOLD CRUSHED ROCK



4"-6" GRAY CRESTA RUBBLE

IRRIGATION DESIGN STATEMENT:

THE IRRIGATION SYSTEM IS DESIGNED FOR EFFICIENT PERFORMANCE WITH CONSERVATION IN MIND. DRIP AND BUBBLER SYSTEMS WILL PROVIDE DIRECT WATER TO THE SHRUBS AND TREES. THE IRRIGATION SYSTEM WILL HAVE A WEATHER BASED / ET IRRIGATION CONTROLLER. A RAIN SENSOR WILL MONITOR THE IRRIGATION SYSTEM DURING RAIN EVENTS. THE FLOW SENSOR AND MASTER VALVE WILL MONITOR THE IRRIGATION SYSTEM DURING A SYSTEM FAULT OR FAILURE.

PRELIMINARY

ESTIMATED ANNUAL APPLIED WATER USE

TREE AND SHRUB LOW - DRIP / BUBBLER

$$ETO \times PF \times LA \times 0.62 / 748 / IE = EAAWU$$

$$93.9 \times .20 \times 119,480 \times 0.62 / 748 / .90 = 2066.51$$

TREE AND SHRUB MODERATE- DRIP / BUBBLER

$$ETO \times PF \times LA \times 0.62 / 748 / IE = EAAWU$$

$$93.9 \times .50 \times 29,870 \times 0.62 / 748 / .90 = 1,291.57$$

MAXIMUM ANNUAL APPLIED WATER USE

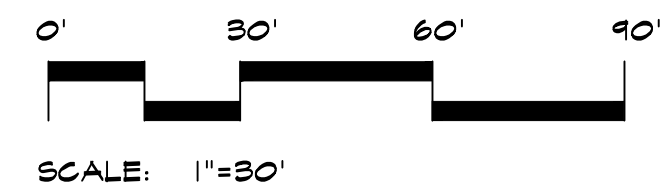
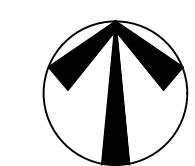
$$ETO \times .45 \times LA \times 0.62 / 748 = MAAWU$$

$$93.9 \times .45 \times 149,350 \times 0.62 / 748 = 5,230.86$$

ESTIMATED ANNUAL APPLIED WATER USE TOTAL - 3,358.08

MAXIMUM ANNUAL APPLIED WATER USE TOTAL - 5,230.86

ESTIMATED LANDSCAPE SQUARE FT. TOTAL - 149,350



HERMANN DESIGN GROUP
77-899 WOLF RD.
SUITE 102
PALM DESERT, CA
92211

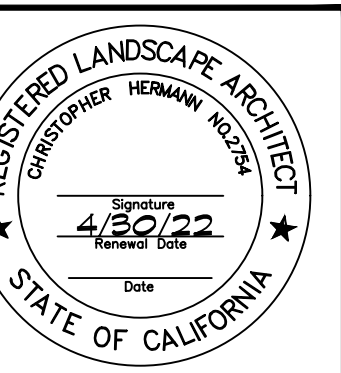
LIC# 2754 EXP. 04/30/22
PH. (760) 777-9131
FAX (760) 777-9132

OWNER:

PROJECT:
ANAEROBIC DIGESTER FACILITY
19TH AVENUE
DESERT HOT SPRINGS, CA

APN: 666-360-015

REVISIONS	DATE	BY



SHEET TITLE
PLANTING PLAN

DESIGNED	CH
DRAWN	IO
CHECKED	CH / KH
DATE	4/1/20
SCALE	1"=30'
JOB NO.	20014

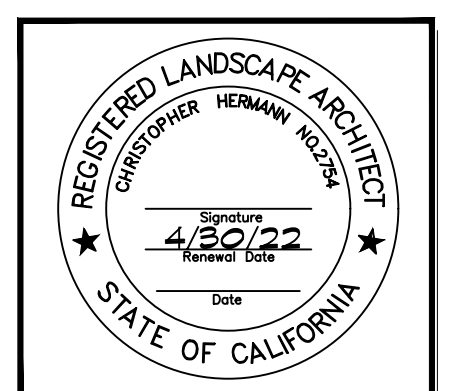
SHEET
L1
OF 2 SHEETS



HERMANN DESIGN GROUP
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 PALM DESERT, CA
 92211
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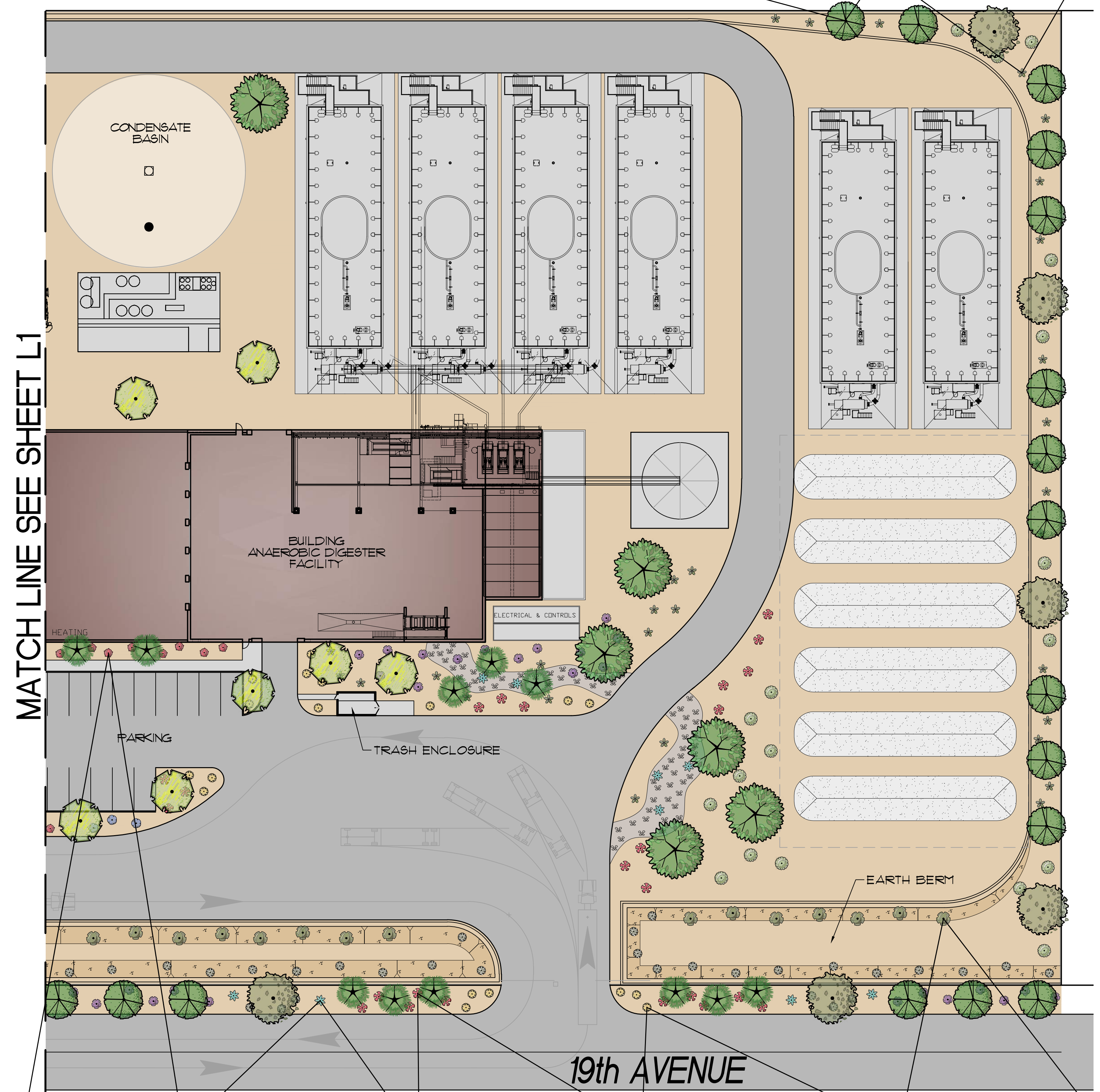
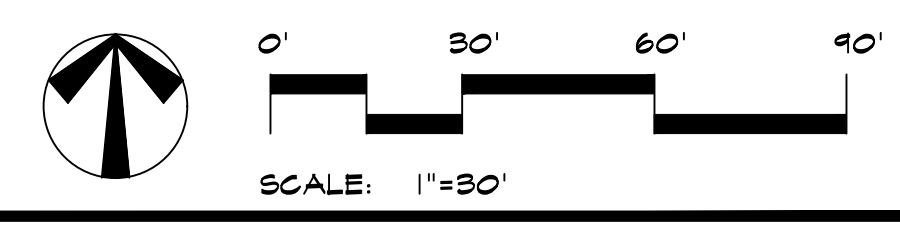
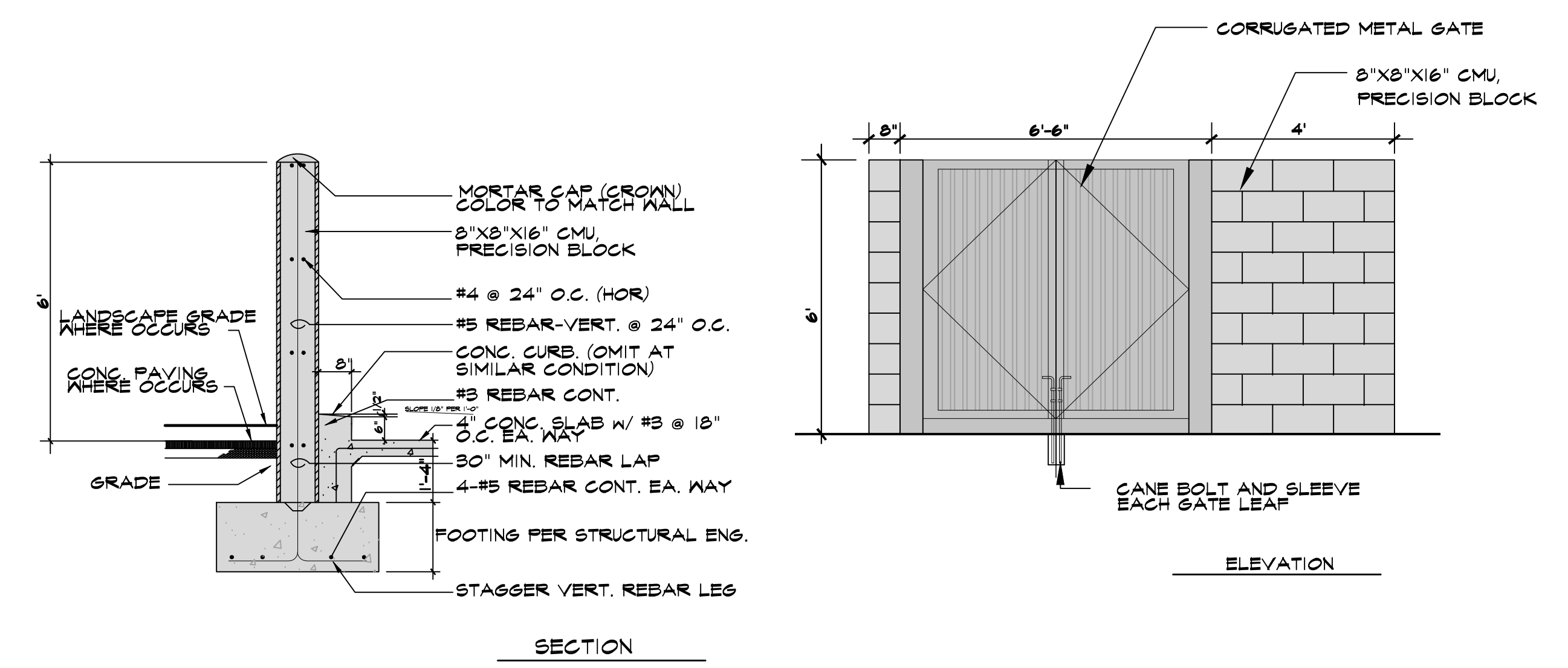
SHEET
L2
 OF 2 SHEETS

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