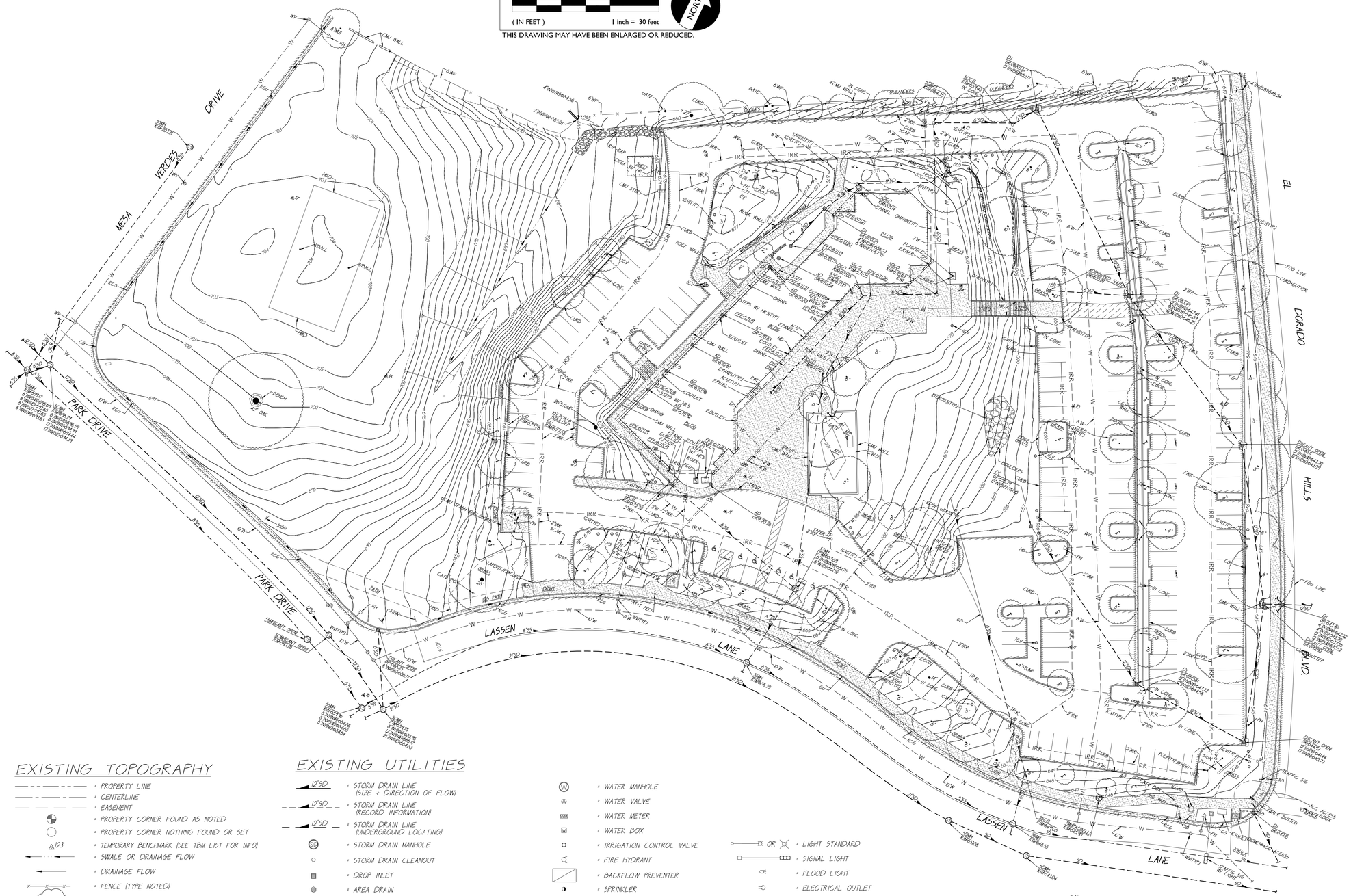
GRAPHIC SCALE

30' 0 15' 30' 60'

(IN FEET) 1 inch = 30 feet

NORTH

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.



EXISTING TOPOGRAPHY

- PROPERTY LINE
- CENTERLINE
- EASEMENT
- PROPERTY CORNER FOUND AS NOTED
- PROPERTY CORNER NOTHING FOUND OR SET
- 123 TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- SWALE OR DRAINAGE FLOW
- DRAINAGE FLOW
- FENCE (TYPE NOTED)
- TREE (SIZE/TYPE INDICATED)
- SLOPE
- 100 CONTOUR
- CONCRETE SURFACE
- EDGE OF ASPHALT
- EDGE OF BUILDING
- SIGN
- POST OR BOLLARD
- 99.9 GROUND ELEVATION
- 99.99 HARD SURFACE ELEVATION

EXISTING UTILITIES

- 12"SD STORM DRAIN LINE (SIZE + DIRECTION OF FLOW)
- 12"SD STORM DRAIN LINE (RECORD INFORMATION)
- 12"SD STORM DRAIN LINE (UNDERGROUND LOCATING)
- SD STORM DRAIN MANHOLE
- STORM DRAIN CLEANOUT
- DROP INLET
- AREA DRAIN
- RWL RAIN WATER LEADER
- DS DOWNSPOUT
- 12"SS SANITARY SEWER LINE (SIZE + DIRECTION OF FLOW)
- 12"SS SANITARY SEWER LINE (RECORD INFORMATION)
- 12"SS SANITARY SEWER LINE (UNDERGROUND LOCATING)
- SS SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- —W— WATER LINE (SIZE INDICATED)
- – – -W– – WATER LINE (RECORD INFORMATION)
- — —W— — WATER LINE (UNDERGROUND LOCATING)
- W WATER MANHOLE
- WATER VALVE
- WM WATER METER
- WB WATER BOX
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT
- BACKFLOW PREVENTER
- SPRINKLER
- HOSE BIBB
- —OH–E— OVERHEAD ELECTRIC LINE
- —E— UNDERGROUND ELECTRIC LINE
- – – –E– – – UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- — —E— — UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- E ELECTRIC MANHOLE
- UTILITY POLE (WITH GUY WIRE)
- EM ELECTRIC METER
- E ELECTRIC BOX
- SLB STREET LIGHTING BOX
- OR LIGHT STANDARD
- SIGNAL LIGHT
- FLOOD LIGHT
- ELECTRICAL OUTLET
- —G— GAS LINE (SIZE INDICATED)
- – – G– – – GAS LINE (RECORD INFORMATION)
- — —G— — GAS LINE (UNDERGROUND LOCATING)
- G GAS MANHOLE
- GAS VALVE
- GM GAS METER
- —T— TELEPHONE LINE
- – – T– – – TELEPHONE LINE (RECORD INFORMATION)
- — —T— — TELEPHONE LINE (UNDERGROUND LOCATING)
- TS STORM DRAIN BOX
- TS TRAFFIC SIGNAL BOX

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

??	UNKNOWN
AC	ASPHALTIC CONCRETE
ACC	ACCESSIBLE
ACU	AIR CONDITIONING UNIT
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
BBALL	BASKETBALL POLE
BCM	BRASS CAP MONUMENT
BFP	BACK FLOW PREVENTER
BL.	BLOCK
BLDG	BUILDING
BOL	BOLLARD
BOV	BLOW-OFF VALVE
BR.	BRICK
BWF	BARBED WIRE FENCE
C	COMMUNICATION
C/L	CENTERLINE
CATV	CABLE TELEVISION
CB	CATCH BASIN
CIP	CAPPED IRON PIPE
CL	CLASS
C.L.F.	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COL	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CONST.	CONSTRUCT
CPF	CONTROL POINT FOUND
CPS	CONTROL POINT SET
CS	CONCRETE SURFACE
D	DEPTH
DDC	DOUBLE DETECTOR CHECK VALVE
DF	DRINKING FOUNTAIN
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DRWY	DRIVEWAY
DS	DOWNSPOUT
DWG	DRAWING
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
F	FIRE LINE
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOWLINE
FO	FIBER OPTIC
FS	FIRE SERVICE
G	GAS
GB	GRADE BREAK
GR	GRATE
GRB	GROUND ROD BOX
GRD	GRADE ELEVATION
GROD	GROUND ROD
GV	GAS VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HP	HIGH PRESSURE
HR	HANDRAIL
HVE	HIGH VOLTAGE ELECTRIC
ICP	IRRIGATION CONTROL PANEL
ICV	IRRIGATION CONTROL VALVE
INV	PIPE INVERT ELEVATION
IRR	IRRIGATION
JP	JOINT UTILITY POLE
JT	JOINT TRENCH
LF	LINEAL FEET
LNDG	LANDING
LVE	LOW VOLTAGE ELECTRIC
M	METAL
MH	MANHOLE
MS	MOW STRIP
MSC	METAL STORAGE CONTAINER
NTS	NOT TO SCALE
OH	OVERHEAD
OHANG	OVERHANG
OIP	OPEN IRON PIPE
OSPH	OLD STEEL POST HOLE
P/L	PROPERTY LINE
PA	PLANTER AREA
PD	PLANTER DRAIN
PH	POSTHOLE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRKG	PARKING
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
R	RUBBER
RIM	MANHOLE RIM ELEVATION
ROW	RIGHT OF WAY
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RWALL	RETAINING WALL
RWL	RAIN WATER LEADER
S/W	SIDEWALK
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SIG	SIGNAL
SL	STREET LIGHT
SLB	STREET LIGHT BOX
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
STL	STEEL
T	TELEPHONE
TBALL	TETHER BALL POLE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TOW	TOP OF WALL
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
UG	UNDERGROUND
UNK	UNKNOWN
UON	UNLESS OTHERWISE NOTED
VBALL	VOLLEYBALL
W	WATER
W/	WITH
W/O	WITHOUT
WD.	WOOD
WLF	WROUGHT IRON FENCE
XFRMR	TRANSFORMER
XWALK	CROSSWALK

A.P.N.

BENCHMARK NO. 4 ELEV. 643.93

HORIZONTAL SCALE: AS NOTED

VERTICAL SCALE: AS NOTED

JOB NO.: 16-148

AGENCY APPROVAL		
BY	DATE	

REVISIONS		
NO.	DESCRIPTION	DATE

DESIGNED: GW

DRAWN: ML

CHECKED: GW

DATE: 09-01-2017

PROFESSIONAL ENGINEER — THOMAS E. FISSEHA — NO. C48254 — CIVIL — STATE OF CALIFORNIA — 10/19/2017

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

TITLE: EXISTING SITE

PROJECT:

VINTAGE GRACE CHURCH
931 LASSEN LANE
EL DORADO HILLS, CA 95762

EL DORADO HILLS CALIFORNIA

SHEET NO.

C0.0

FILENAME: I:\16-148\CIVIL\DWG\16-148-C0.0.DWG

PHASE 1 EARTHWORK

5500	CY	CUT
500	CY	FILL
5000	CY	NET EXPORT

PHASE 1 STORM WATER

EXISTING IMPERVIOUS AREA REMOVED	11,551 SF
NEW IMPERVIOUS AREA ADDED	27,858 SF
NET IMPERVIOUS AREA ADDED	16,307 SF

FUTURE PHASE 2

RESTROOM/STORAGE BUILDING PHASE 2

APPARATUS

FF=656.10 (LOWER FLOOR)
FF=671.10 (UPPER FLOOR)

BIO-SWALE STORM WATER TREATMENT

BIO-SWALE STORM WATER TREATMENT

MESA VERDES DRIVE

PARK DRIVE

LASSEN LANE

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET) 1 inch = 20 feet

NORTH

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BENCHMARK NO. 4 ELEV. 643.93

HORIZONTAL SCALE: AS NOTED

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JOB NO.: 16-148

AGENCY APPROVAL

NO.	REVISIONS DESCRIPTION	DATE	BY	DATE

DESIGNED: GW
DRAWN: ML
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DATE: 09-01-2017

REGISTERED PROFESSIONAL ENGINEER
THOMAS E. FISHER
NO. C48254
CIVIL
STATE OF CALIFORNIA
10/19/2017

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

TITLE: PRELIMINARY GRADING AND DRAINAGE PLAN

PROJECT: VINTAGE GRACE CHURCH
931 LASSEN LANE
EL DORADO HILLS, CA 95762
CALIFORNIA

SHEET NO.

C1.0

FILENAME: I:\16-148\CIVIL\DWG\16-148-C1.0.DWG

GRAPHIC SCALE

30' 0 15' 30' 60'

(IN FEET) 1 inch = 30 feet

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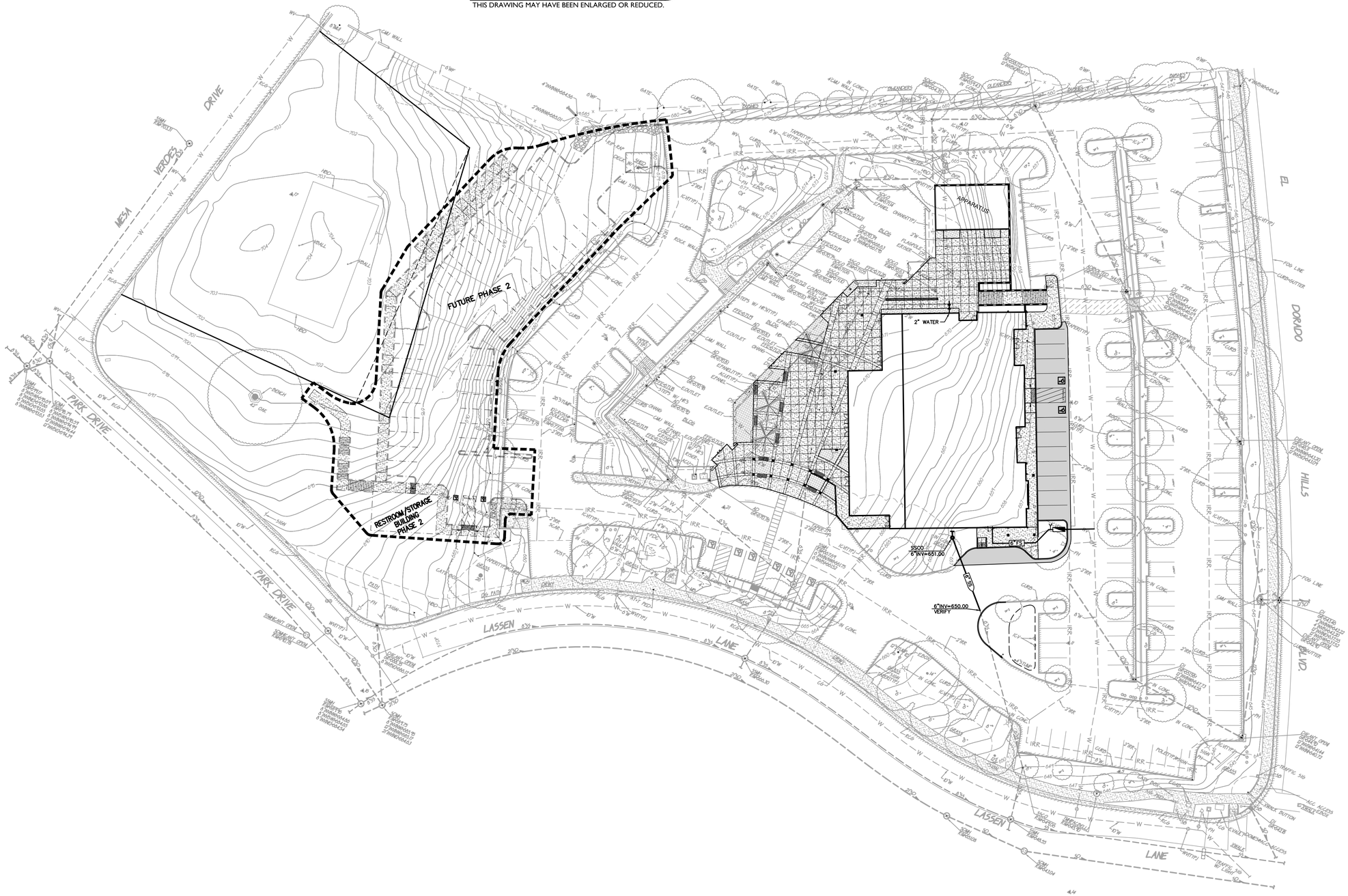


A.P.N.

BENCHMARK NO. 4 ELEV. 643.93

HORIZONTAL SCALE: AS NOTED

VERTICAL SCALE: AS NOTED

JOB NO.: 16-148

REVISIONS			AGENCY APPROVAL		
NO.	DESCRIPTION	DATE	BY	DATE	

DESIGNED: GW

DRAWN: ML

CHECKED: GW

DATE: 09-01-2017

REGISTERED PROFESSIONAL ENGINEER
THOMAS E. WINGER
No. C48254
CIVIL
STATE OF CALIFORNIA
10/19/2017

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

TITLE: PRELIMINARY SEWER AND WATER PLAN

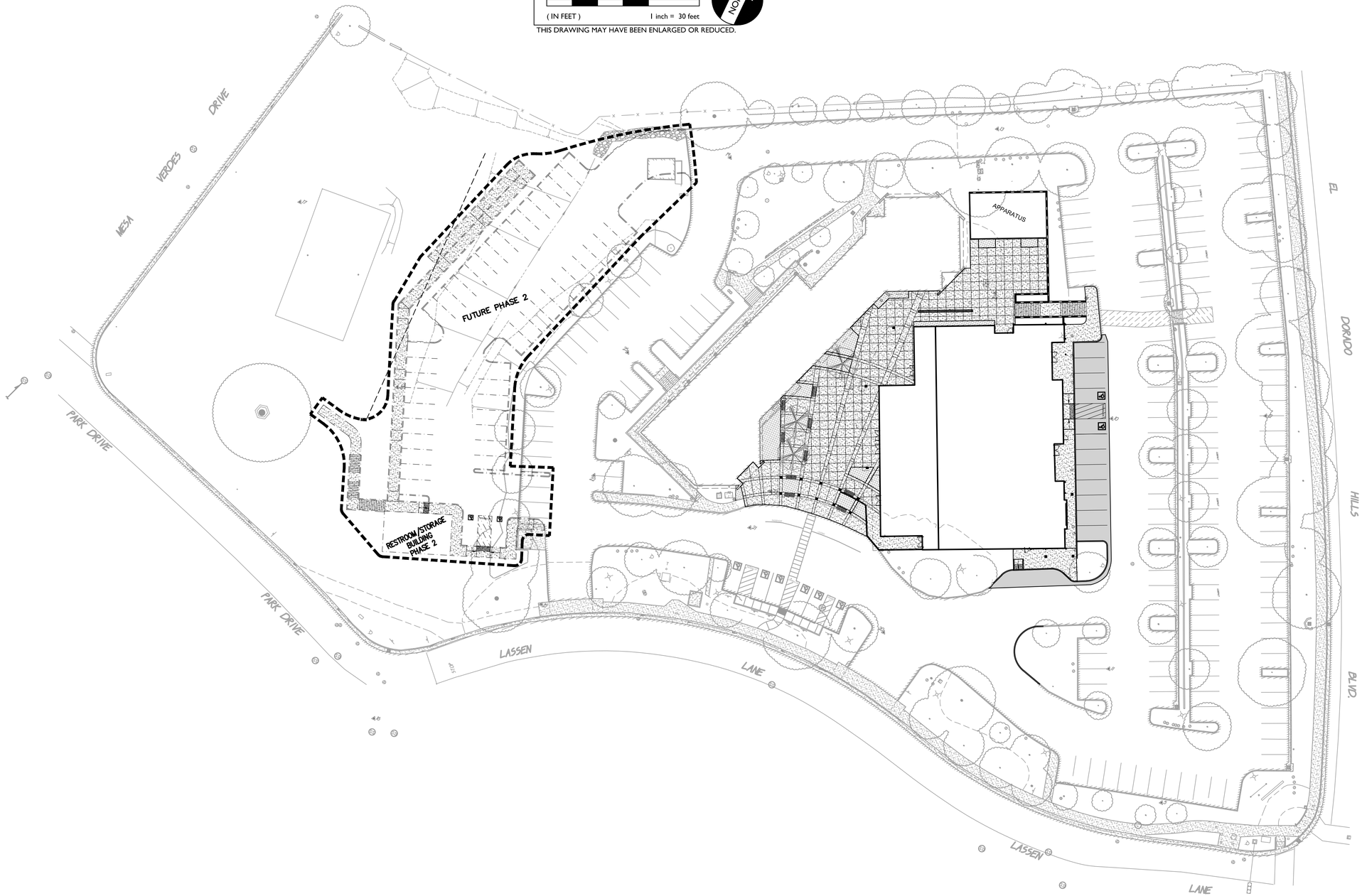
PROJECT:

VINTAGE GRACE CHURCH
931 LASSEN LANE
EL DORADO HILLS, CA 95762
EL DORADO HILLS CALIFORNIA

SHEET NO.

C2.0

FILENAME: I:\16-148\CIVIL\DWG\16-148-C2.0.DWG



PARKING

PARKING COUNT EXISTING:	180	REGULAR
	6	ACCESSIBLE
	186	TOTAL
PARKING COUNT PHASE 1:	167	REGULAR
	8	ACCESSIBLE
	175	TOTAL
PARKING COUNT PHASE 2:	42	REGULAR
	2	ACCESSIBLE
	163	REGULAR PHASE 1
	8	ACCESSIBLE PHASE 1
	215	TOTAL

PARKING REQUIRED

SANCTUARY SEATING:	582
NURSERY/CRY ROOM:	20
	602
1 SPACE PER 4 SEATS:	602/4=151 SPACES REQUIRED
SUNDAY SCHOOL CLASSROOMS:	13
1 SPACE PER CLASSROOM	13X1=13 SPACES REQUIRED
TOTAL:	164 SPACES REQUIRED

A.P.N.

BENCHMARK NO. 4 ELEV. 643.93

HORIZONTAL SCALE: AS NOTED

VERTICAL SCALE: AS NOTED

JOB NO.: 16-148

REVISIONS			AGENCY APPROVAL	
NO.	DESCRIPTION	DATE	BY	DATE

DESIGNED: GW

DRAWN: ML

CHECKED: GW

DATE: 09-01-2017

REGISTERED PROFESSIONAL ENGINEER THOMAS E. FASSBENDER NO. C48254 CIVIL STATE OF CALIFORNIA 10/19/2017

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

TITLE: PARKING EXHIBIT

PROJECT: VINTAGE GRACE CHURCH
931 LASSEN LANE
EL DORADO HILLS, CA 95762
EL DORADO HILLS CALIFORNIA

SHEET NO.

C3.0

FILENAME: I:\16-148\CIVIL\DWG\16-148-C3.0.DWG