

GRADING NOTES

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118598 INC.
REVIEWED FOR
SS FLS ACS
DATE: 01/20/2021

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd, Suite 140
Folsom, CA 95630
Tel: 916-415-6554
Fax: 916-415-6555
www.VerdeDesign.com

GRADING LEGEND

SYM	DESCRIPTION
	PROPOSED CONTOUR
	PROPOSED SUBGRADE CONTOUR
	PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE
	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
	HIGH POINT / HIGH POINT OF SWALE
	LOW POINT / LOW POINT OF SWALE
	LOW POINT / RIM ELEVATION OF DRAIN
	PROPOSED FINISH SUBGRADE ELEVATION
	TOP OF CURB
	FINISHED FLOOR ELEVATION
	TOP OF TRENCH DRAIN
	CENTER LINE OF SWALE
	CROWN OF FIELD, OR RIDGE LINE
	LOW POINT OF FIELD SUBGRADE / PERFORATED DRAIN LINE LOCATION
	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
	EXISTING CONTOUR
	EXISTING ELEVATION
	GRADE BREAK

STAMP

CONSULTANT

SHEET TITLE
GRADING PLAN - NORTH

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

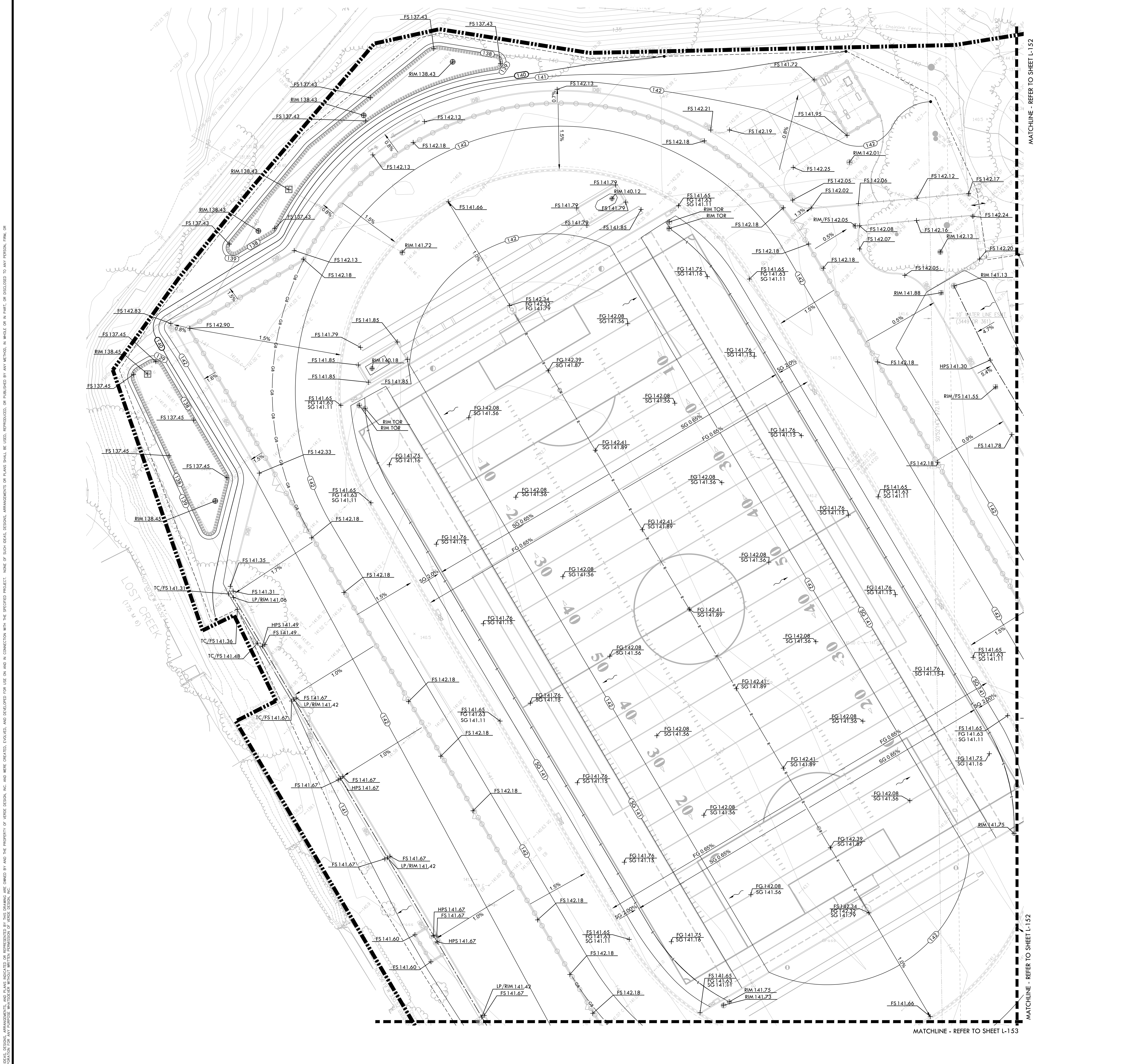
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

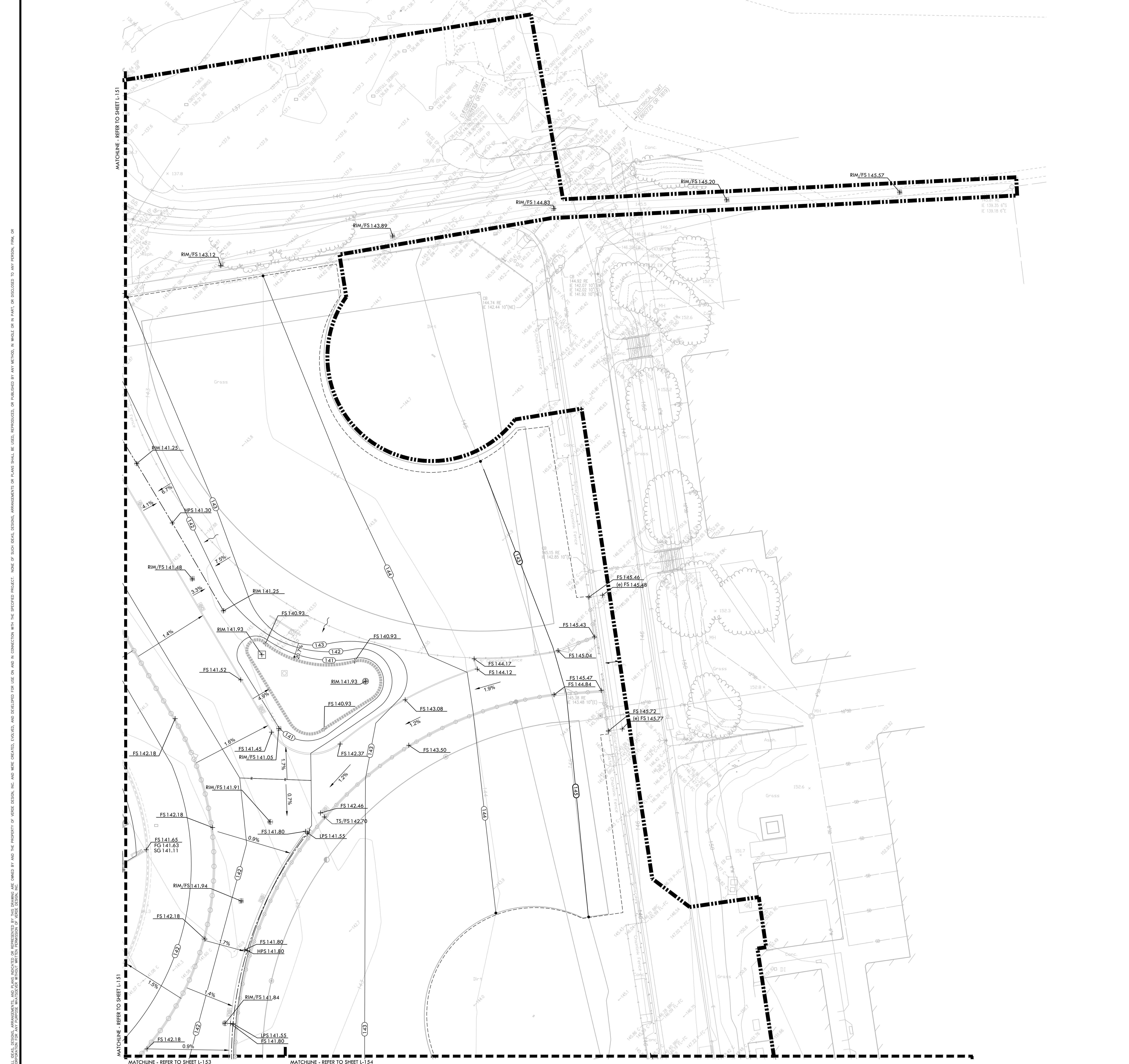
DRAWN BY: QH
CHECKED BY: CS/MB
DATE ISSUED: 01/20/2021
SCALE: 1" = 20'-0"

PROJ. NO.: 1819500
SHEET NO.: **L-151**

GRADING PLAN - NORTH



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www.VerdeDesignInc.com

GRADING LEGEND

SYM	DESCRIPTION
BS	PROPOSED CONTOUR
SG BS	PROPOSED SUBGRADE CONTOUR
FG 32.00	PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE
FS 32.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
HP/HPS 32.00	HIGH POINT/ HIGH POINT OF SWALE
LP/LPS 31.00	LOW POINT/ LOW POINT OF SWALE
RIM 31.00	LOW POINT/ RIM ELEVATION OF DRAIN
SG 32.00	PROPOSED FINISH SUBGRADE ELEVATION
TC 32.50	TOP OF CURB
FF 99.00	FINISHED FLOOR ELEVATION
TD 99.00	TOP OF TRENCH DRAIN
- - - -	CENTER LINE OF SWALE
- - - -	CROWN OF FIELD, OR RIDGE LINE
- - - -	LOW POINT OF FIELD SUBGRADE/ PERFORATED DRAIN LINE LOCATION
+	CONFORM TO EXISTING GRADE
- - - -	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
~ ~ ~ ~	FLOW DIRECTION IN SOFTSCAPE
- - - -	EXISTING CONTOUR
+ 102.1	EXISTING ELEVATION
GB	GRADE BREAK

STAMP
REGISTERED LANDSCAPE ARCHITECT
No. 4088
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
GRADING PLAN - SOUTH

PROJECT NAME

MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS

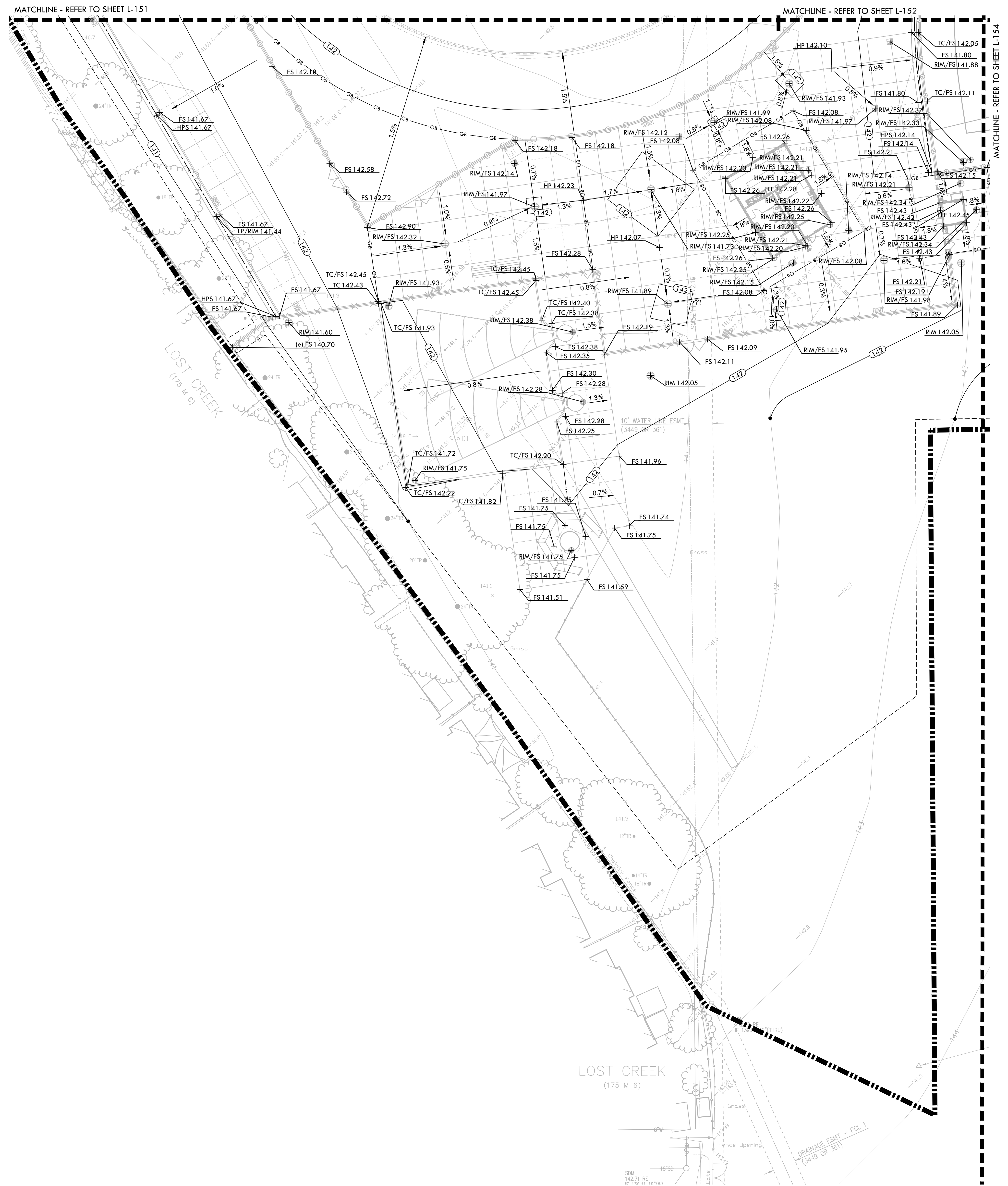
7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

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PROJ. NO.: 1819500
SHEET NO.: L-152

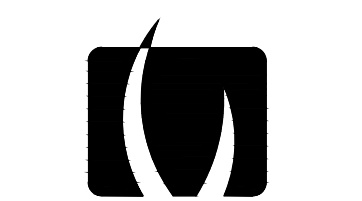
NORTH
0' 10' 20' 40' 60'



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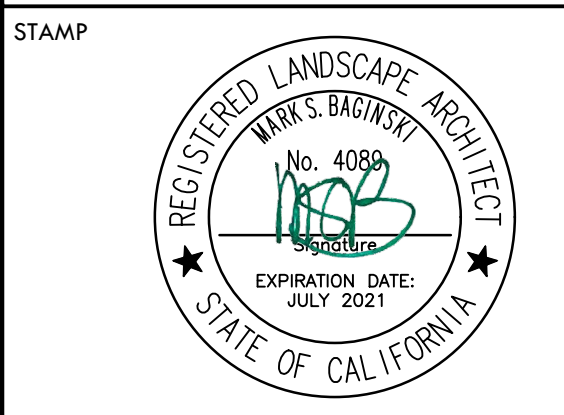
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	EXISTING CONTOUR
	EXISTING ELEVATION
	GRADE BREAK



STAMP
CONSULTANT

SHEET TITLE
**GRADING
PLAN - THROWS AREA**

PROJECT NAME
**MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS**

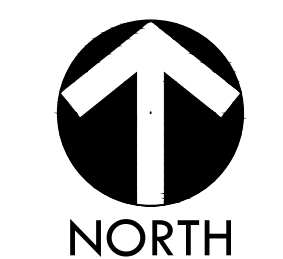
PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
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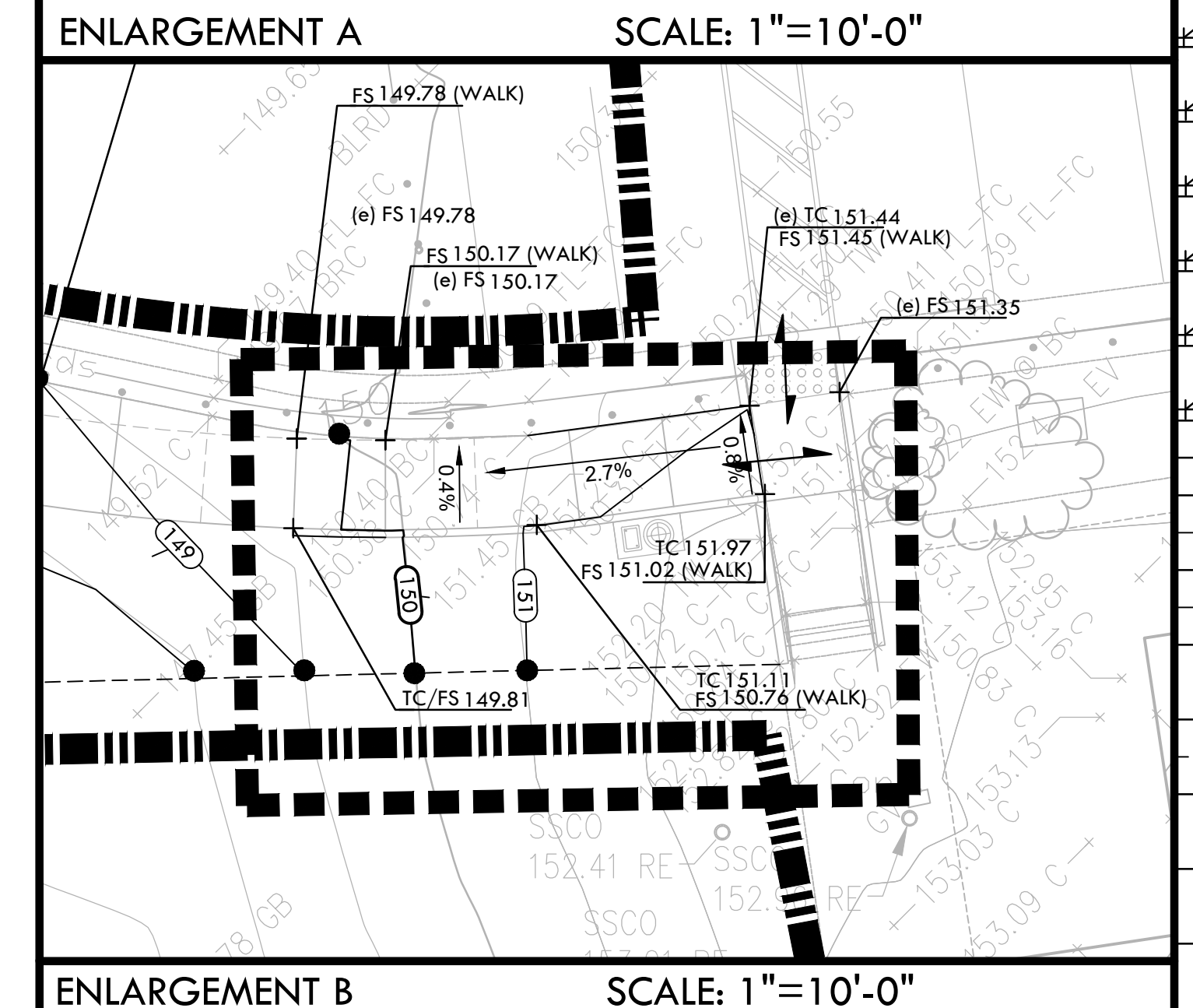
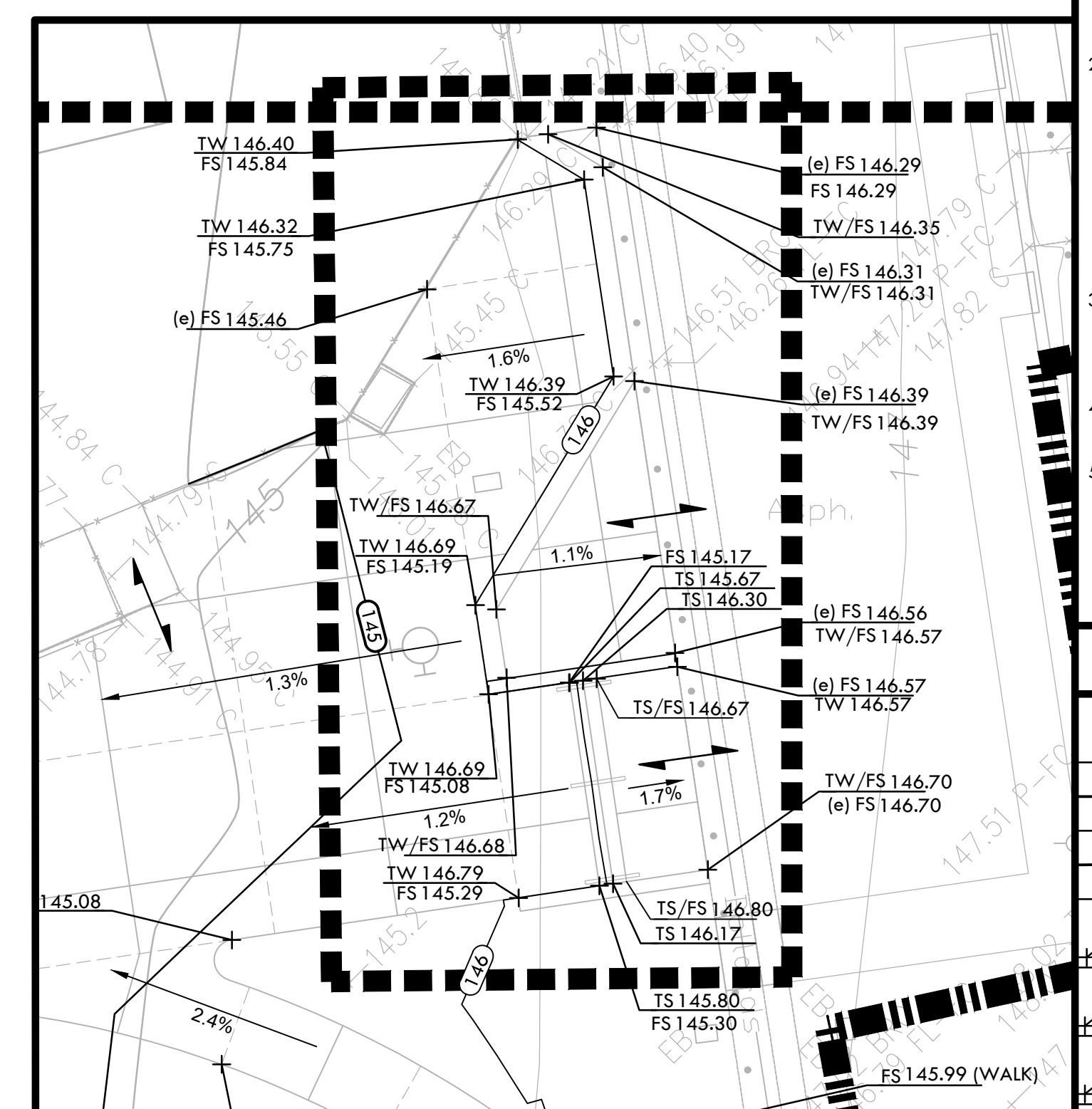
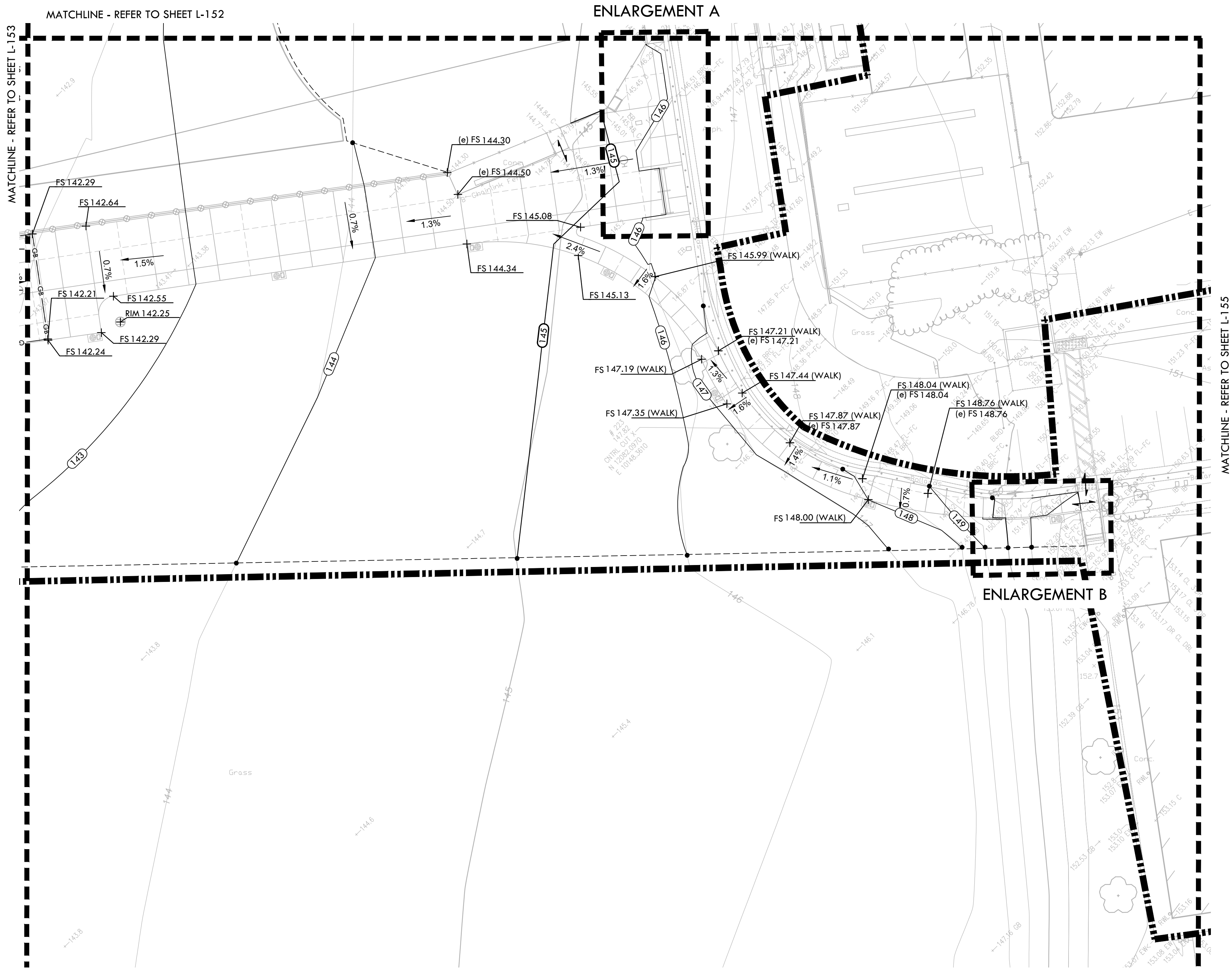
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CHECKED BY: CS/MB
DATE ISSUED: 01/20/2021
SCALE: 1" = 20'-0"
PROJ. NO.: 1819500

SHEET NO.: **L-153**



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GRADING LEGEND

SYM	DESCRIPTION
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	PROPOSED SUBGRADE CONTOUR
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	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
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	RIM 31.00 LOW POINT / RIM ELEVATION OF DRAIN
	SG 32.00 PROPOSED FINISH SUBGRADE ELEVATION
	TC 32.50 TOP OF CURB
	FF 99.00 FINISHED FLOOR ELEVATION
	TD 99.00 TOP OF TRENCH DRAIN
	CENTER LINE OF SWALE
	CROWN OF FIELD, OR RIDGE LINE
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	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
	EXISTING CONTOUR
	EXISTING ELEVATION
	GRADE BREAK



STAMP

CONSULTANT

SHEET TITLE
**GRADING
 PLAN - STADIUM
 ENTRY WAY AND WALK**

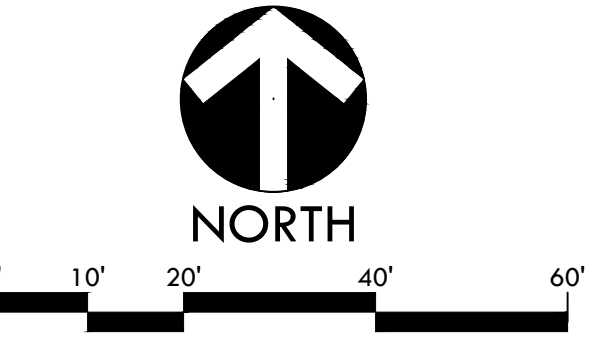
PROJECT NAME
**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
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	LOW POINT / LOW POINT OF SWALE
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	CONFORM TO EXISTING GRADE
	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
	FLOW DIRECTION IN SOFTSCAPE
	EXISTING CONTOUR
	EXISTING ELEVATION
	GRADE BREAK

STAMP

CONSULTANT

SHEET TITLE
GRADING PLAN - TENNIS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL	DATE
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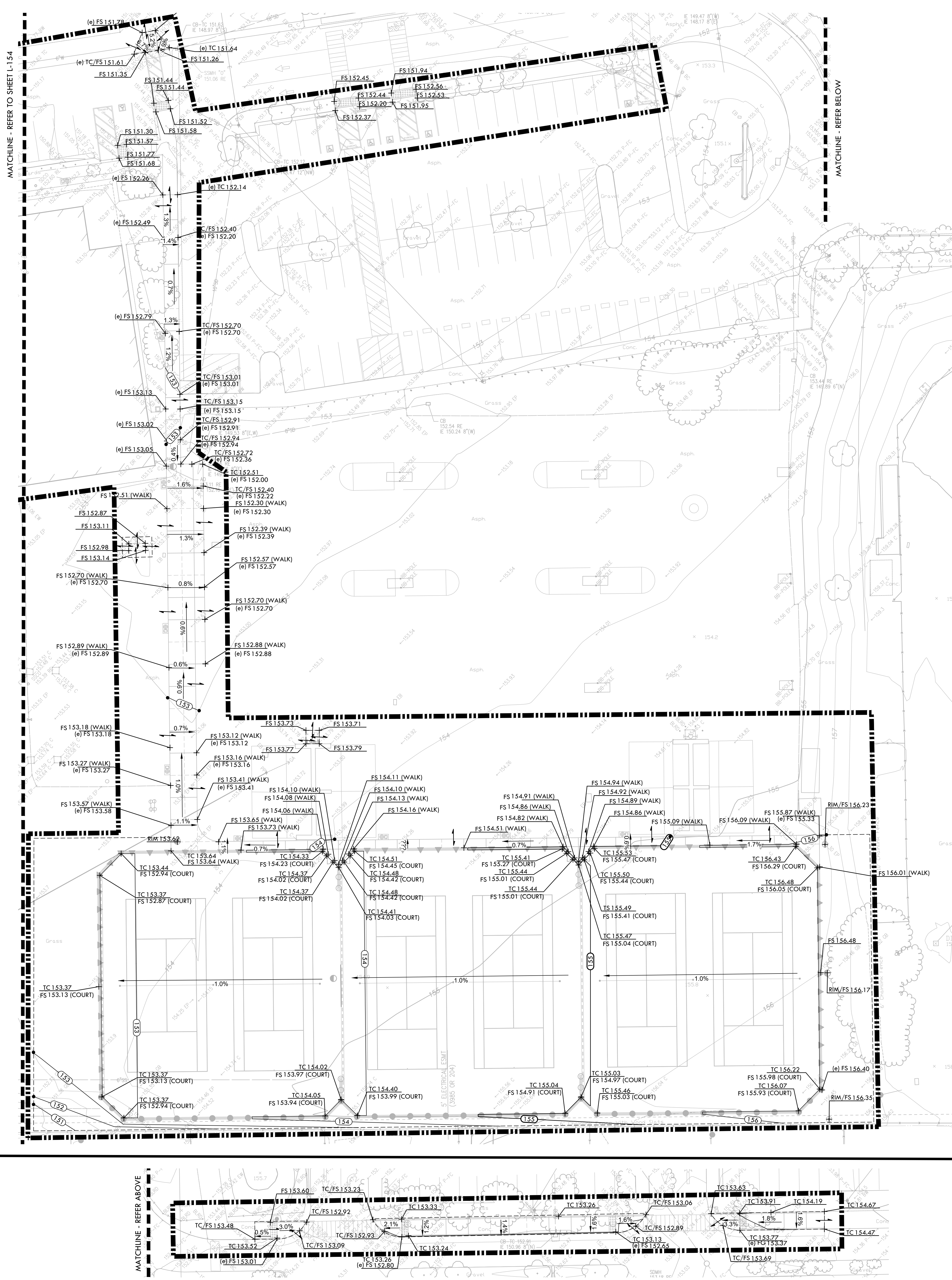
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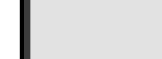
GRADING PLAN - TENNIS

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NORTH
0' 10' 20' 40' 60'

CHEMICAL TREATMENT LEGEND

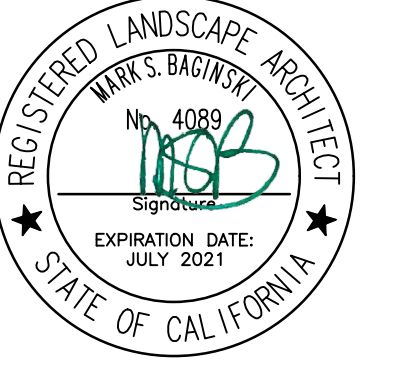
SYM	DESCRIPTION
	PROJECT LIMIT OF WORK
	LOCATIONS OF DEEP EDGES AT PERIMETER OF CHEMICAL TREATMENT AREAS (REFER TO MATERIALS PLAN AND DETAILS FOR MORE INFORMATION)
	AREA OF CHEMICAL TREATMENT, REFER TO SPECIFICATIONS & GEOTECHNICAL REPORT
NOTE: FOR ALL BOXES INSTALLED IN AN AREA CONSISTING OF CHEMICALLY TREATED SOIL AND WITHIN THE FOOTPRINT OF THE ALL-WEATHER TRACK AND SYNTHETIC TURF FIELD, BACKFILL ALL BOXES WITH CONTROLLED DENSITY FILL (CDF) MATERIAL TO THE BOTTOM OF THE CONCRETE COLLAR OR TOP OF SUBGRADE IF NO COLLAR.	

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 APP: 02-118588 INC.
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VERDE DESIGN
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 Folsom, CA 95630
 tel: 916-415-6554
 fax: 916-415-6535
 www.VerdeDesignInc.com

STAMP



CONSULTANT

SHEET TITLE

**GRADING PLAN-
 CHEMICAL TREATMENT
 PLAN**

PROJECT NAME

**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

PROJECT ADDRESS

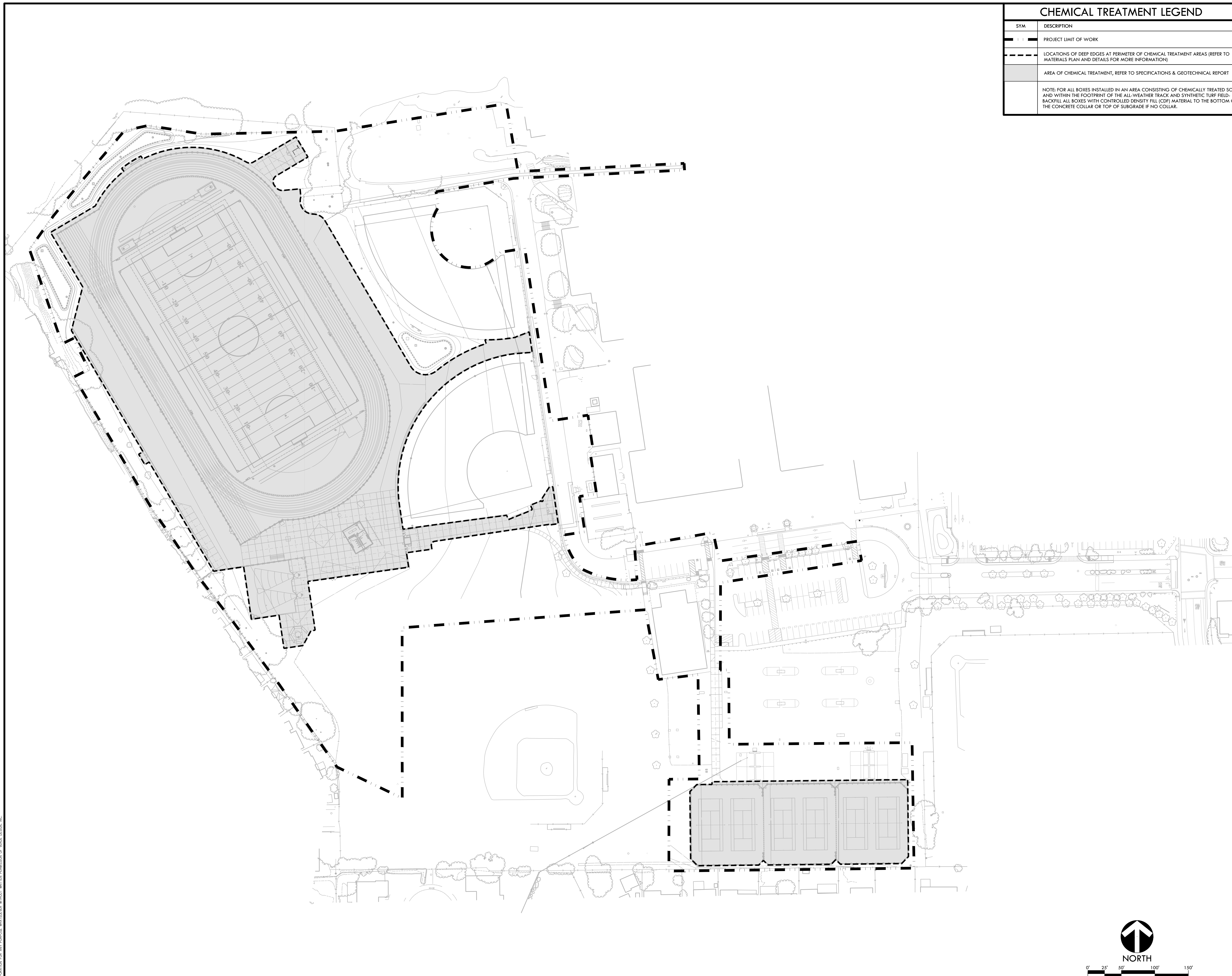
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE
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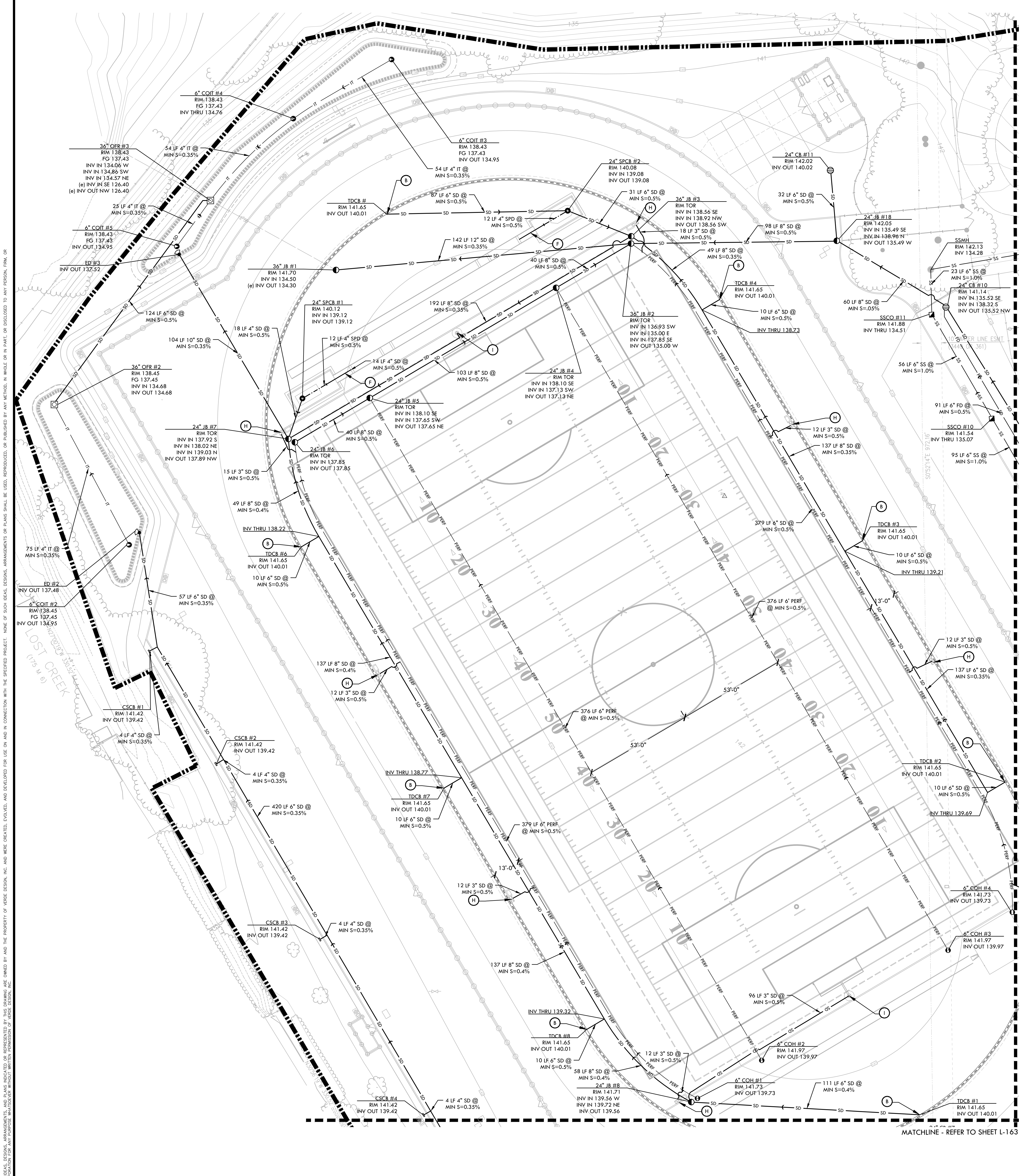
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PROJ. NO.	
1819500	

SHEET NO.
L-156



0' 25' 50' 100' 150'

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DRAINAGE & UTILITY LEGEND

(1)	CONNECT FOOTBALL GOAL ACCESS BOX AND SOCCER GOAL SAFETY BOX TO STORM DRAIN LINE
(2)	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN
(3)	SANITARY SEWER CONNECTION TO BUILDING
(L)	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN
(M)	DOMESTIC WATER CONNECTION TO BUILDING
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INV	INVERT
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DRAINAGE & UTILITY NOTES

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- THE CITRUS HEIGHTS WATER DISTRICT HAS A 10" WATER EASEMENT THAT RUNS THROUGH THE PROPERTY. THE WATER MAIN LINE THAT IS IN THE BASEMENT IS ABANDONED IN PLACE AND IS LIKELY STEEL PIPE, PARTS MAY BE ASBESTOS CEMENT PIPE. THERE SHOULD NOT BE ANY CONFLICTS WITH THE ABANDONED MAIN LINE UNLESS THE STRUCTURES BEING INSTALLED ARE 36 INCHES BELOW FINISHED GRADE. IF THE ABANDONED WATER MAIN IS REACHED AND IT IS ASBESTOS CEMENT PIPE, THE PIPE WILL NEED TO BE REMOVED AND DISCARDED IN A SPECIFIC MANNER IN ADHERENCE TO STANDARD SAFETY PROTOCOLS.
- PULL MANDREL THROUGH EXISTING STORM DRAIN IN PRESENCE OF THE INSPECTOR. CLEAR THE EXISTING LINE BETWEEN JB#1 AND OUTFALL AT STREAM.

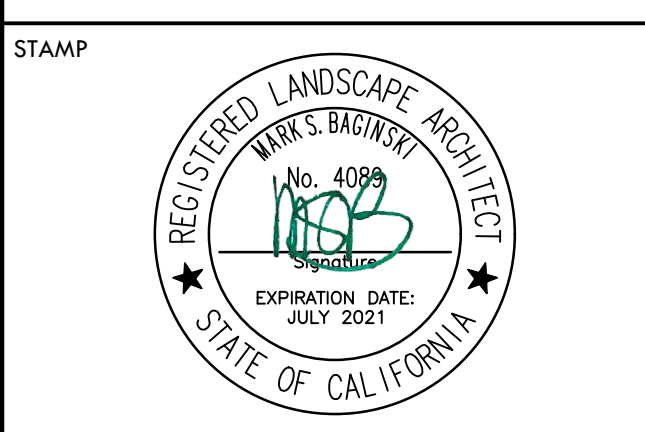
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DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER	SHEET NUMBER
---	LIMIT OF WORK		
CB	CATCH BASIN, SIZE PER PLAN (CB)	B	L-511
JB	JUNCTION BOX, SIZE PER PLAN (JB)	B	L-511
SSCO	SANITARY SEWER CLEANOUT (SSCO), SIZE PER PLAN	H	L-511
COIT	CLEANOUT IN BIORETENTION AREA (COIT)	A	L-513
COH	CLEANOUT IN HARDSCAPE (COH)	J	L-511
COCS	CLEANOUT IN SOFTSCAPE (COCS)	M	L-511
DI	SHOT PUT / DISCUS DRAIN (DI)	J	L-512
SPCB	SAND PIT CATCH BASIN (SPCB)	O	L-511
OWR	OVERFLOW RISER WITH GRATE/ STANDPIPE AT BIORETENTION AREA (FLOW-THROUGH PLANTER)	H	L-513
CSCB	CONCRETE SWALE CATCH BASIN (CSCB)	G	L-513
ED	ENERGY DISSIPATER (ED)	B	L-513
DS	DOWN SPOUT (DS)	E	L-513
SSMH	SANITARY SEWER MANHOLE (SSMH)	D	L-513
DWGV	DOMESTIC WATER GATE VALVE	EF	L-551
---	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B SHEET L-512		
---	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512		
---	BOTTOM OF BIORETENTION AREA (FLOW-THROUGH PLANTER)	C	L-513
SD	SOLID WALL STORM DRAIN	LQ	L-511
PERF	PERFORATED SUBDRAIN	P	L-511
FD	FRENCH DRAIN	G,H	L-512
SS	SANITARY SEWER	LQ	L-511
IT	INFILTRATION DRAIN (BIORETENTION AREA)	A	L-513
DW	DOMESTIC WATER	LQ	L-511
RD	ROCK DRAIN AT SHOT PUT CURB - REFER TO SPECIFICATIONS	N	L-511
A	DOWN SPOUT CONNECTION	E	L-513
B	INLINE TRENCH DRAIN CATCH BASIN (TDCB) AND CONNECTION TO STORM DRAIN LINE	C	L-512
C	D-ZONE UTILITY BOX LAYOUT	E	L-512
D	CONNECT NEW CATCH BASIN TO EXISTING DRAIN LINE, CONFIRM IN FIELD		
E	STORM DRAIN POINT OF CONNECTION CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE AND UTILITY IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.		
F	CONNECT TAKE OFF BOARD DRAIN TO STORM DRAIN LINE		
G	CONNECT EVENT DRAIN TO STORM DRAIN LINE		
H	CONNECT COMBOX STORM DRAIN LINE TO SUBSURFACE STORAGE TRENCH		

DRAINAGE AND UTILITIES PLAN - NORTH

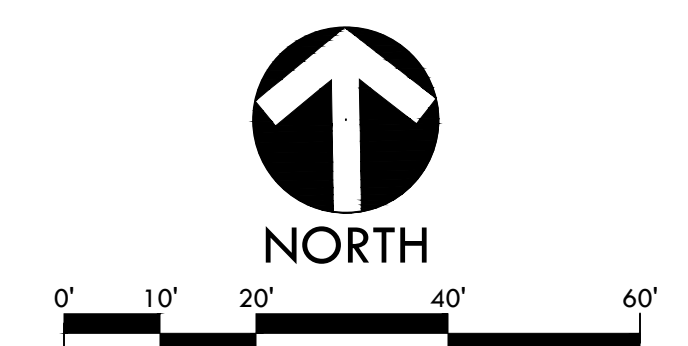
PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
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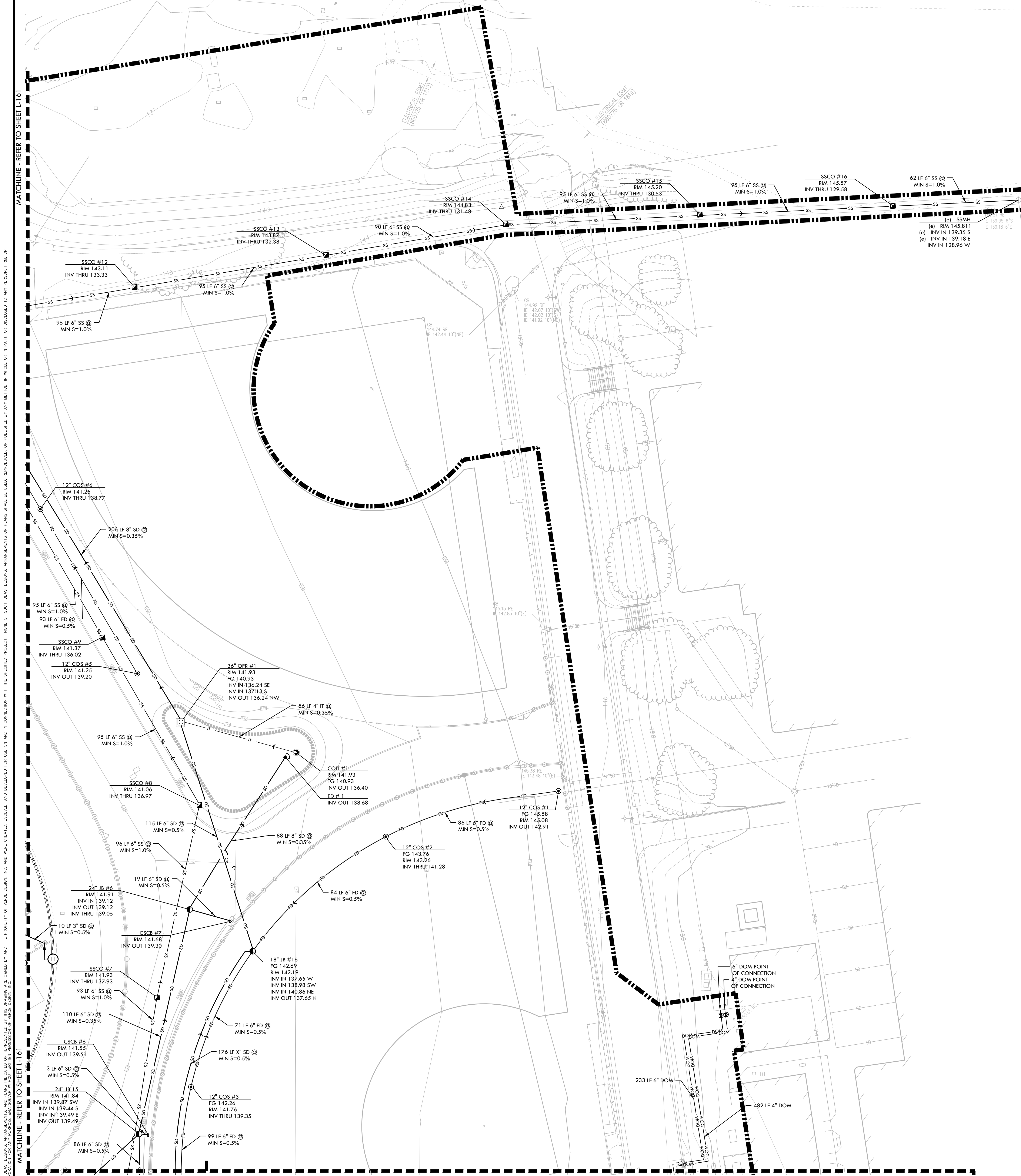
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MATCHLINE - REFER TO SHEET L-163



DRAINAGE & UTILITY LEGEND	
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(2)	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN
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CONSULTANT

DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER	SHEET NUMBER
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(COS)	CLEANOUT IN SOFTSCAPE (COS)	M	L-511
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(SSMH)	SANITARY SEWER MANHOLE (SSMH)	D	L-513
(DWGV)	DOMESTIC WATER GATE VALVE	EF	L-551
(TRENCH DRAIN)	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B SHEET L-512 TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512		
(BT)	BOTTOM OF BIORETENTION AREA (FLOW-THROUGH PLANTER)	C	L-513
(SD)	SOLID WALL STORM DRAIN	LQ	L-511
(PERF)	PERFORATED SUBDRAIN	P	L-511
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DRAINAGE AND UTILITIES PLAN - SOUTH

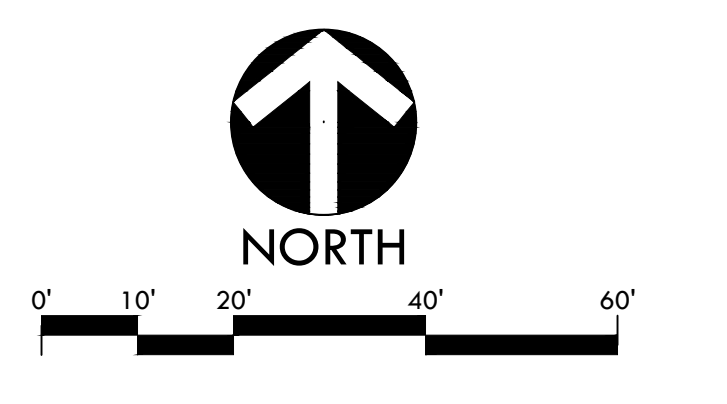
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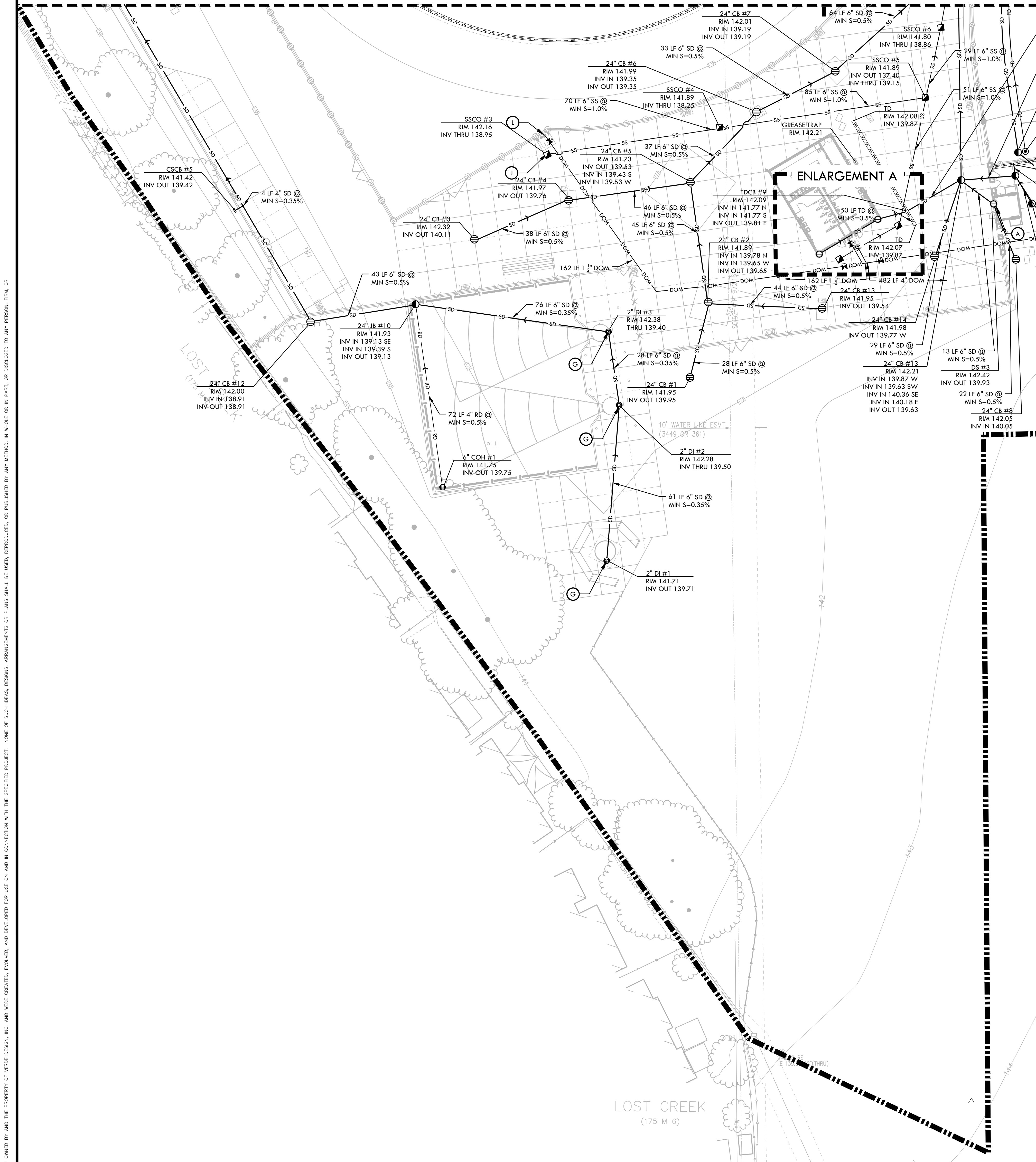
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DRAINAGE & UTILITY LEGEND	
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DRAINAGE & UTILITY NOTES

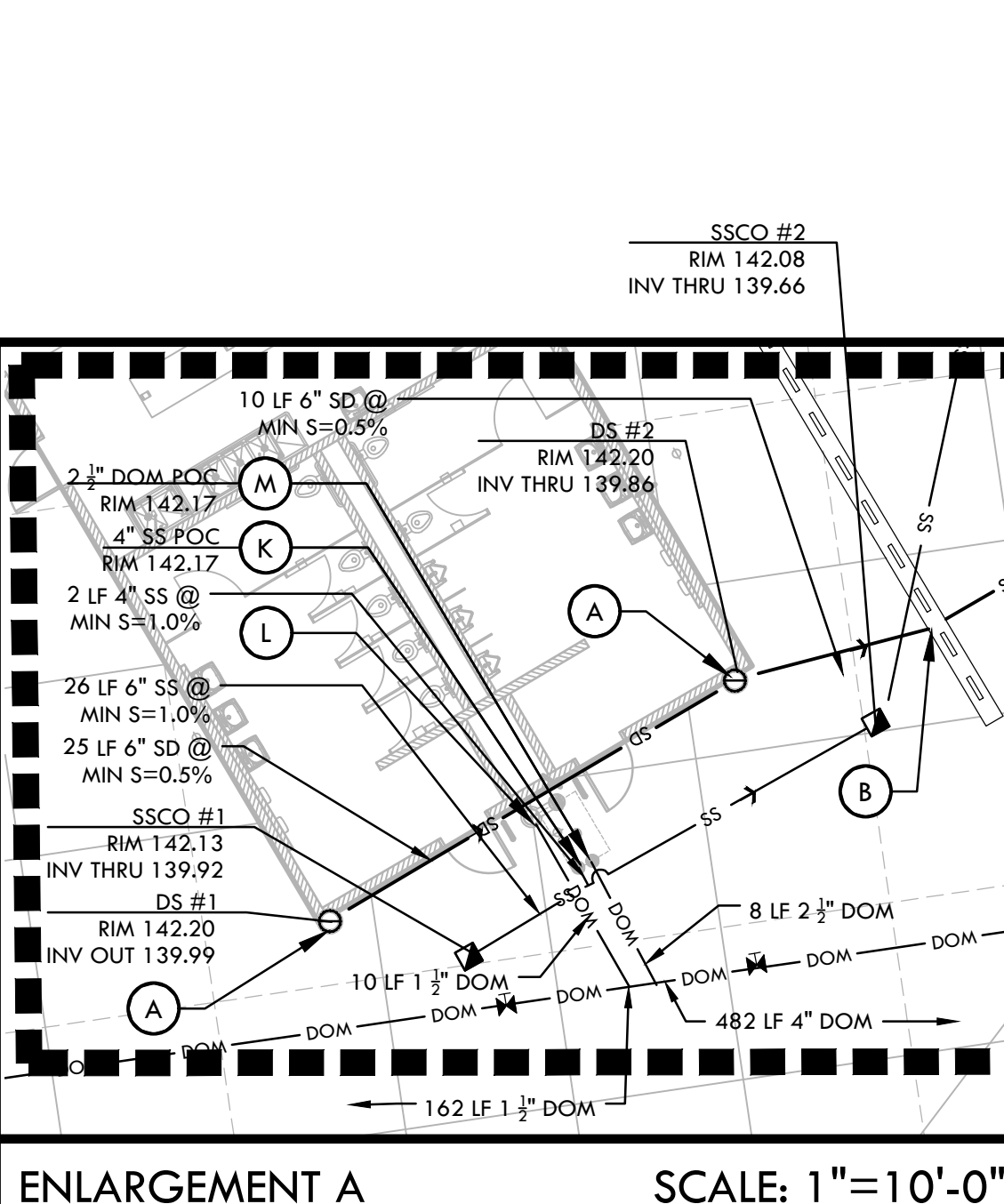
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- PULL MANDREL THROUGH EXISTING STORM DRAIN IN PRESENCE OF THE INSPECTOR. CLEAR THE EXISTING LINE BETWEEN JB#1 AND OUTFALL AT STREAM.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118588 INC.
REVIEWED FOR
SS FLS ACS
DATE: 01/20/2021

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
Tel: 916-415-6554
Fax: 916-415-6555
www.VerdeDesign.com

STAMP
REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA
EXPIRATION DATE: JULY 2021

CONSULTANT



ENLARGEMENT A SCALE: 1"=10'-0"

DRAINAGE & UTILITY LEGEND		
SYM	DESCRIPTION	DETAIL NUMBER
---	LIMIT OF WORK	
⊖	CATCH BASIN, SIZE PER PLAN (CB)	(B) L-511
⊙	JUNCTION BOX, SIZE PER PLAN (JB)	(B) L-511
⊖	SANITARY SEWER CLEANOUT (SSCO), SIZE PER PLAN	(H) L-511
⊖	CLEANOUT IN BIORETENTION AREA (COI)	(A) L-513
⊖	CLEANOUT IN HARDSCAPE (COH)	(J) L-511
⊖	CLEANOUT IN SOFTSCAPE (COS)	(M) L-511
⊖	SHOT PUT / DISCUS DRAIN (DI)	(I) L-512
⊖	SAND PIT CATCH BASIN (SPCB)	(O) L-511
⊖	OVERFLOW RISER WITH GRATE / STANDPIPE AT BIORETENTION AREA (FLOW-THROUGH PLANTER)	(H) L-513
⊖	CONCRETE SWALE CATCH BASIN (CSCB)	(G) L-513
⊖	ENERGY DISSIPATER (ED)	(B) L-513
⊖	DOWN SPOUT (DS)	(E) L-513
⊖	SANITARY SEWER MANHOLE (SSMH)	(D) L-513
⊖	DOMESTIC WATER GATE VALVE	(EF) L-551
---	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B SHEET L-512	
---	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
	BOTTOM OF BIORETENTION AREA (FLOW-THROUGH PLANTER)	(C) L-513
SD	SOLID WALL STORM DRAIN	(LQ) L-511
PERF	PERFORATED SUBDRAIN	(P) L-511
FD	FRENCH DRAIN	(G,H) L-512
SS	SANITARY SEWER	(LQ) L-511
IT	INFILTRATION DRAIN (BIORETENTION AREA)	(A) L-513
DOM	DOMESTIC WATER	(LQ) L-511
RD	ROCK DRAIN AT SHOT PUT CURB - REFER TO SPECIFICATIONS	(N) L-511
(A)	DOWN SPOUT CONNECTION	(E) L-513
(B)	IN-LINE TRENCH DRAIN CATCH BASIN (TDCB) AND CONNECTION TO STORM DRAIN LINE	(C) L-512
(C)	D-ZONE UTILITY BOX LAYOUT	(E) L-512
(D)	CONNECT NEW CATCH BASIN TO EXISTING DRAIN LINE, CONFIRM IN FIELD	
(E)	STORM DRAIN POINT OF CONNECTION CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE AND UTILITY IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
(F)	CONNECT TAKE OFF BOARD DRAIN TO STORM DRAIN LINE	
(G)	CONNECT EVENT DRAIN TO STORM DRAIN LINE	
(H)	CONNECT COMBOX STORM DRAIN LINE TO SUBSURFACE STORAGE TRENCH	

SHEET TITLE
DRAINAGE AND UTILITIES PLAN - THROWS AREA

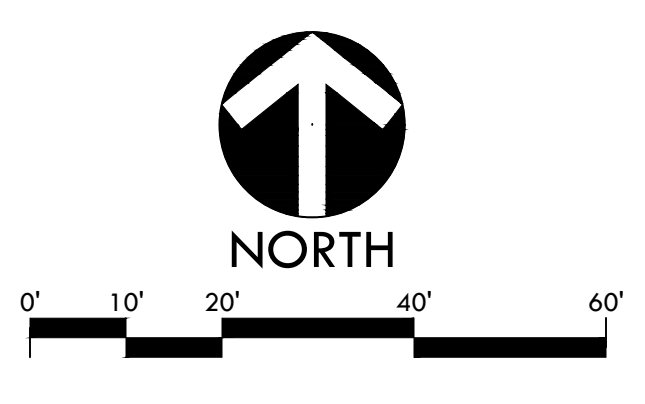
PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
7501 CARRIAGE DRIVE CITRUS HEIGHTS, CA 95621

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE
△		
△		
△		
△		

DRAWN BY: QH
CHECKED BY: CS/MB
DATE ISSUED: 01/20/2021
SCALE: 1" = 20'-0"
PROJ. NO.: 1819500
SHEET NO.: L-163



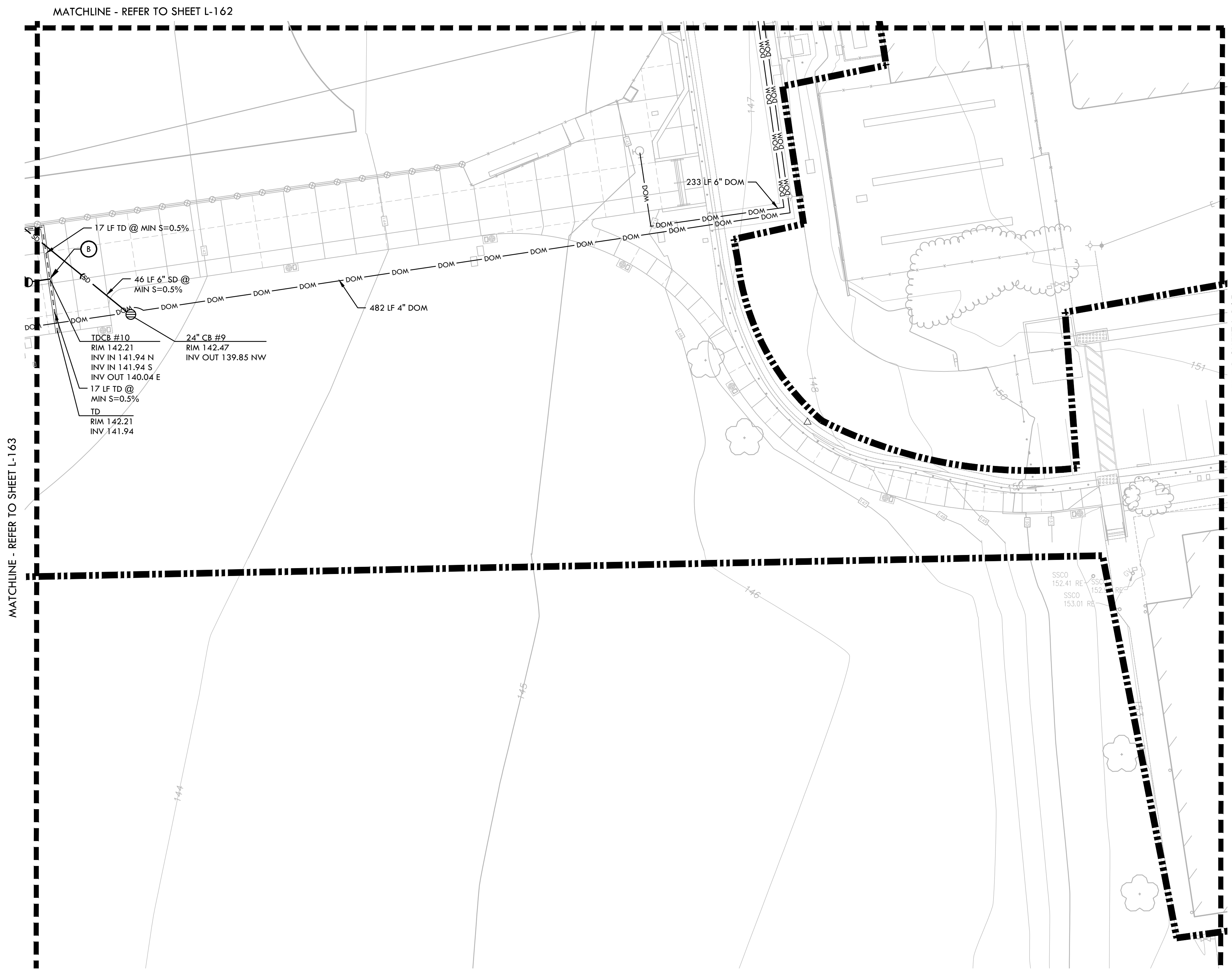
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DRAINAGE & UTILITY LEGEND	
①	CONNECT FOOTBALL GOAL ACCESS BOX AND SOCCER GOAL SAFETY BOX TO STORM DRAIN LINE
②	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN
③	SANITARY SEWER CONNECTION TO BUILDING
④	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN
⑤	DOMESTIC WATER CONNECTION TO BUILDING
(E)	EXISTING
INV	INVERT
RIM	RIM ELEVATION
LF	LINEAR FEET
OFR	OVER FLOW RISER
TD	TRENCH DRAIN ELEVATION
S=0.5%	SLOPE
MIN.	MINIMUM
N, S, W, EA,	NORTH, SOUTH, WEST, EAST

- ### DRAINAGE & UTILITY NOTES
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 327-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
 - ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. TO REMAIN, SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.
 - THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEM FROM DEBRIS, INCLUDING SOIL, ROCK MATERIAL, AND TRASH FROM ENTERING THE PIPE DURING CONSTRUCTION. CONTRACTOR SHALL AVOID PLACING CONSTRUCTION VEHICLES OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
 - COORDINATE ALL SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS.
 - THE CONTRACTOR IS TO ENSURE THAT ALL REMAINING ACTIVE AND NEW DRAINAGE AND UTILITY LINES ARE PROTECTED AND UNDAMAGED FROM TRENCHING AND FOOTING EXCAVATIONS FOR NEW FOOTINGS, PARTICULARLY FOR NEW FENCING AND WALLS.
 - ALL ABANDONED STORM LINES SHALL REMAIN IN PLACE UNLESS IN CONFLICT WITH PROPOSED DRAINAGE, UTILITY, OR SUBGRADING OPERATIONS, IN WHICH CASE ABANDONED PIPE IN CONFLICT SHALL BE REMOVED. REMAINING ABANDONED STORM PIPE SHALL BE SEALED WITH APPROPRIATELY SIZED CONCRETE CAP (3 SACK MIX) 6" ENVELOPE OUTSIDE AND INSIDE DIAMETER OF PIPE.
 - PRIOR TO ALL DRAINAGE AND UTILITY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL POTENTIAL DRAINAGE CONNECTIONS AND EXISTING UTILITY BY POT-HOLING. IN ADDITION, ALL DOWNSTREAM CONNECTIONS TO EXISTING STRUCTURES SHALL BE THE START OF THESE OPERATIONS, AND GRADES SHALL BE VERIFIED.
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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-118598 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 01/20/2021

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd. Suite 140
 Folsom, CA 95630
 Tel: 916-415-6554
 Fax: 916-415-6555
 www.VerdeDesign.com



DRAINAGE & UTILITY LEGEND		
SYM	DESCRIPTION	DETAIL NUMBER / SHEET NUMBER
	LIMIT OF WORK	
	CATCH BASIN, SIZE PER PLAN (CB)	B / L-511
	JUNCTION BOX, SIZE PER PLAN (JB)	JB / L-511
	SANITARY SEWER CLEANOUT (SSCO), SIZE PER PLAN	SSCO / L-511
	CLEANOUT IN BIORETENTION AREA (COIT)	A / L-513
	CLEANOUT IN HARDSCAPE (COH)	J / L-511
	CLEANOUT IN SOFTSCAPE (COS)	M / L-511
	SHOT PUT / DISCUS DRAIN (DI)	I / L-512
	SAND PIT CATCH BASIN (SPCB)	O / L-511
	OVERFLOW RISER WITH GRATE/ STANDPIPE AT BIORETENTION AREA (FLOW-THROUGH PLANTER)	H / L-513
	CONCRETE SWALE CATCH BASIN (CSCB)	G / L-513
	ENERGY DISSIPATER (ED)	R / L-513
	DOWN SPOUT (DS)	E / L-513
	SANITARY SEWER MANHOLE (SSMH)	D / L-513
	DOMESTIC WATER GATE VALVE	EF / L-551
	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B SHEET L-512	
	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
	BOTTOM OF BIORETENTION AREA (FLOW-THROUGH PLANTER)	C / L-513
	SOLID WALL STORM DRAIN	LQ / L-511
	PERFORATED SUBDRAIN	P / L-511
	FRENCH DRAIN	G,H / L-512
	SANITARY SEWER	LQ / L-511
	INFILTRATION DRAIN (BIORETENTION AREA)	A / L-513
	DOMESTIC WATER	LQ / L-511
	ROCK DRAIN AT SHOT PUT CURB - REFER TO SPECIFICATIONS	N / L-511
	DOWN SPOUT CONNECTION	E / L-513
	INLINE TRENCH DRAIN CATCH BASIN (TDCB) AND CONNECTION TO STORM DRAIN LINE	C / L-512
	D-ZONE UTILITY BOX LAYOUT	E / L-512
	CONNECT NEW CATCH BASIN TO EXISTING DRAIN LINE, CONFIRM IN FIELD	
	STORM DRAIN POINT OF CONNECTION CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION PRIOR TO INITIATING DRAINAGE AND UTILITY IMPROVEMENTS. ANY DISCREPANCY TO BE PROVIDED TO DISTRICT IN WRITING.	
	CONNECT TAKE OFF BOARD DRAIN TO STORM DRAIN LINE	
	CONNECT EVENT DRAIN TO STORM DRAIN LINE	
	CONNECT COMBOX STORM DRAIN LINE TO SUBSURFACE STORAGE TRENCH	

STAMP

REGISTERED LANDSCAPE ARCHITECT
 VERDE DESIGN
 No. 4089
 EXPIRATION DATE: 06/30/2021
 STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
DRAINAGE AND UTILITIES PLAN - STADIUM ENTRY WAY AND WALK

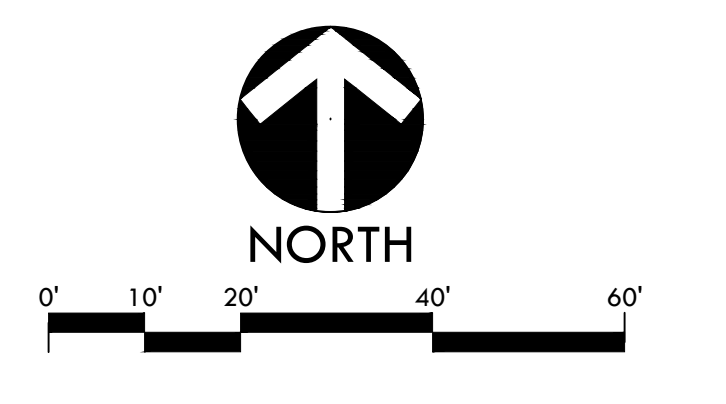
PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE
△		
△		
△		
△		

DRAWN BY	CHECKED BY
QH	CS/MB
DATE ISSUED	SCALE
01/20/2021	1" = 20'-0"
PROJ. NO.	1819500
SHEET NO.	L-164



DRAINAGE AND UTILITIES PLAN - STADIUM ENTRY WAY AND WALK

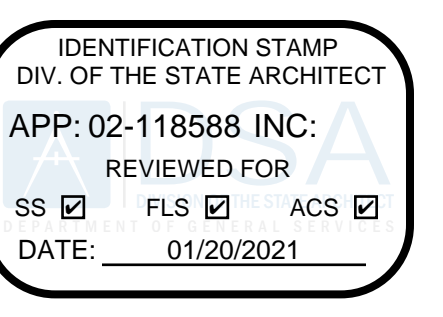
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DRAINAGE & UTILITY LEGEND

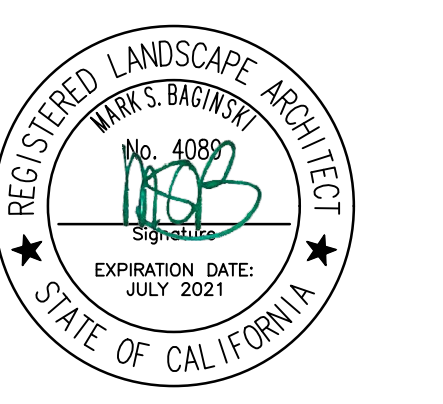
(1)	CONNECT FOOTBALL GOAL ACCESS BOX AND SOCCER GOAL SAFETY BOX TO STORM DRAIN LINE
(2)	SANITARY SEWER CONNECTION TO DRINKING FOUNTAIN
(3)	SANITARY SEWER CONNECTION TO BUILDING
(L)	DOMESTIC WATER CONNECTION TO DRINKING FOUNTAIN
(D)	DOMESTIC WATER CONNECTION TO BUILDING
(E)	EXISTING
INV	INVERT
RIM	RIM ELEVATION
LF	LINEAR FEET
OFR	OVER FLOW RISER
TD	TRENCH DRAIN ELEVATION
S=0.5%	SLOPE
MIN.	MINIMUM
N, S, W, EA,	NORTH, SOUTH, WEST, EAST

DRAINAGE & UTILITY NOTES

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CONSULTANT

DRAINAGE & UTILITY LEGEND

SYM	DESCRIPTION	DETAIL NUMBER
---	LIMIT OF WORK	(L-511)
(CB)	CATCH BASIN, SIZE PER PLAN (CB)	(B, L-511)
(JB)	JUNCTION BOX, SIZE PER PLAN (JB)	(B, L-511)
(SSCO)	SANITARY SEWER CLEANOUT (SSCO), SIZE PER PLAN	(H, L-511)
(COIT)	CLEANOUT IN BIORETENTION AREA (COIT)	(A, L-513)
(COH)	CLEANOUT IN HARDSCAPE (COH)	(J, L-511)
(COS)	CLEANOUT IN SOFTSCAPE (COS)	(M, L-511)
(DI)	SHOT PUT / DISCUS DRAIN (DI)	(I, L-512)
(SPCB)	SAND PIT CATCH BASIN (SPCB)	(O, L-511)
(FTPL)	OVERFLOW RISER WITH GRATE/ STANDPIPE AT BIORETENTION AREA (FLOW-THROUGH PLANTER)	(H, L-513)
(CSCB)	CONCRETE SWALE CATCH BASIN (CSCB)	(G, L-513)
(ED)	ENERGY DISSIPATER (ED)	(B, L-513)
(DS)	DOWN SPOUT (DS)	(E, L-513)
(SSMH)	SANITARY SEWER MANHOLE (SSMH)	(D, L-513)
(WGV)	DOMESTIC WATER GATE VALVE	(EF, L-551)
(ITR)	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B SHEET L-512	
(OTR)	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
(FTPL)	BOTTOM OF BIORETENTION AREA (FLOW-THROUGH PLANTER)	(C, L-513)
(SWD)	SOLID WALL STORM DRAIN	(LQ, L-511)
(PSD)	PERFORATED SUBDRAIN	(P, L-511)
(FD)	FRENCH DRAIN	(C,H, L-512)
(SS)	SANITARY SEWER	(LQ, L-511)
(IT)	INFILTRATION DRAIN (BIORETENTION AREA)	(A, L-513)
(DW)	DOMESTIC WATER	(LQ, L-511)
(SD)	ROCK DRAIN AT SHOT PUT CURB - REFER TO SPECIFICATIONS	(N, L-511)
(A)	DOWN SPOUT CONNECTION	(E, L-513)
(B)	INLINE TRENCH DRAIN CATCH BASIN (TDCB) AND CONNECTION TO STORM DRAIN LINE	(C, L-512)
(C)	D-ZONE UTILITY BOX LAYOUT	(E, L-512)
(D)	CONNECT NEW CATCH BASIN TO EXISTING DRAIN LINE, CONFIRM IN FIELD	
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SHEET TITLE
DRAINAGE AND UTILITIES PLAN - TENNIS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

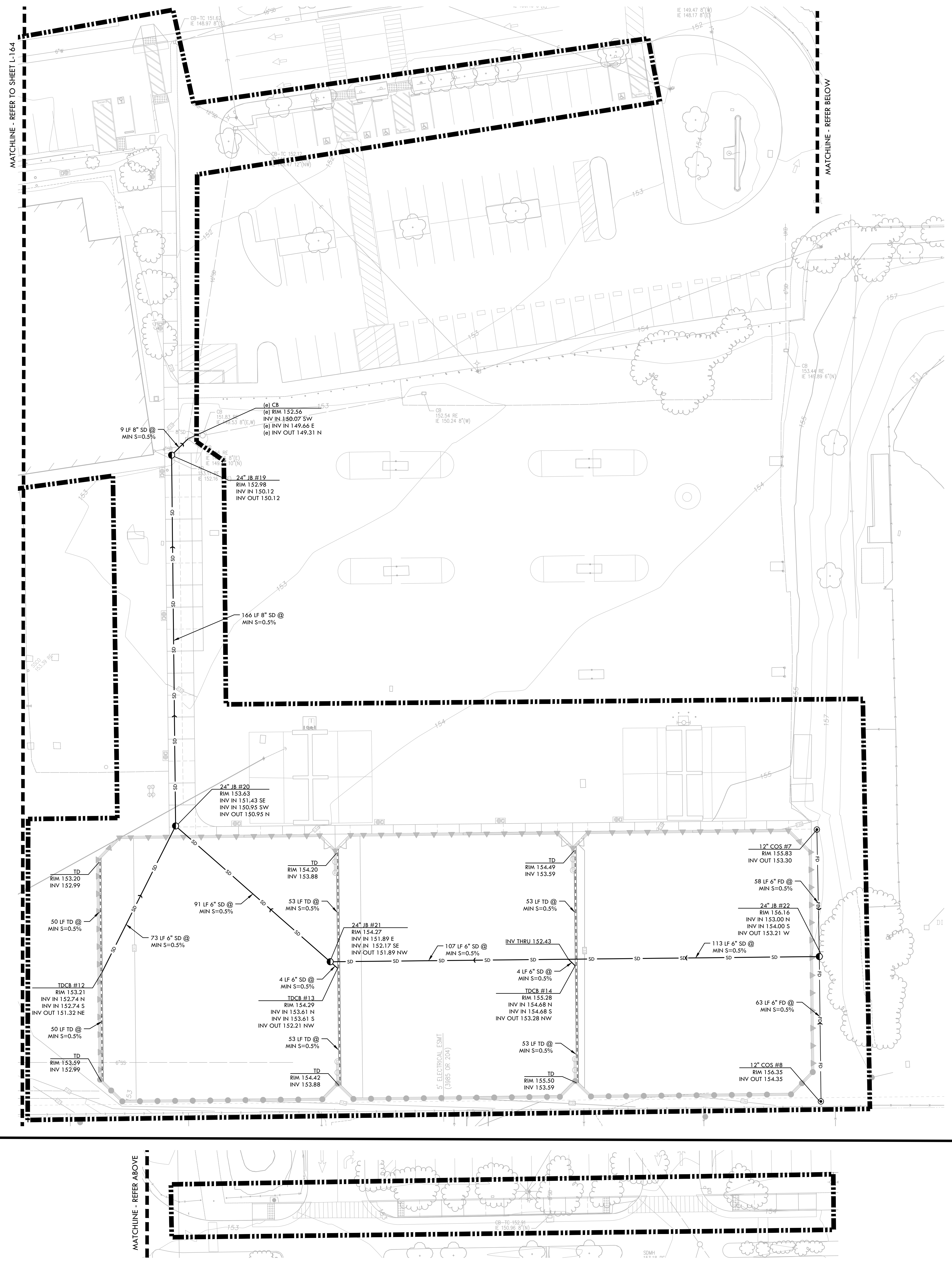
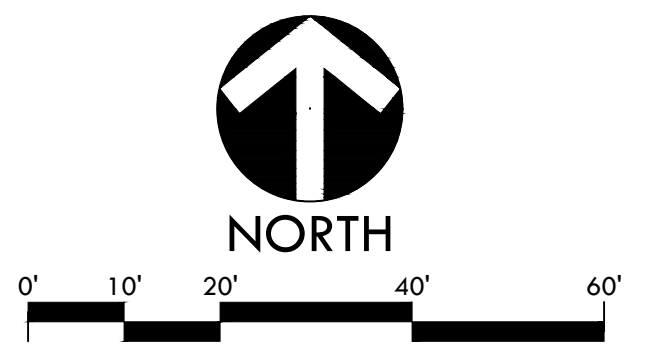
PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

DRAWN BY	QH	CHECKED BY	CS/MB
DATE ISSUED	01/20/2021	SCALE	1" = 20'-0"
PROJ. NO.	1819500		

SHEET NO.
L-165

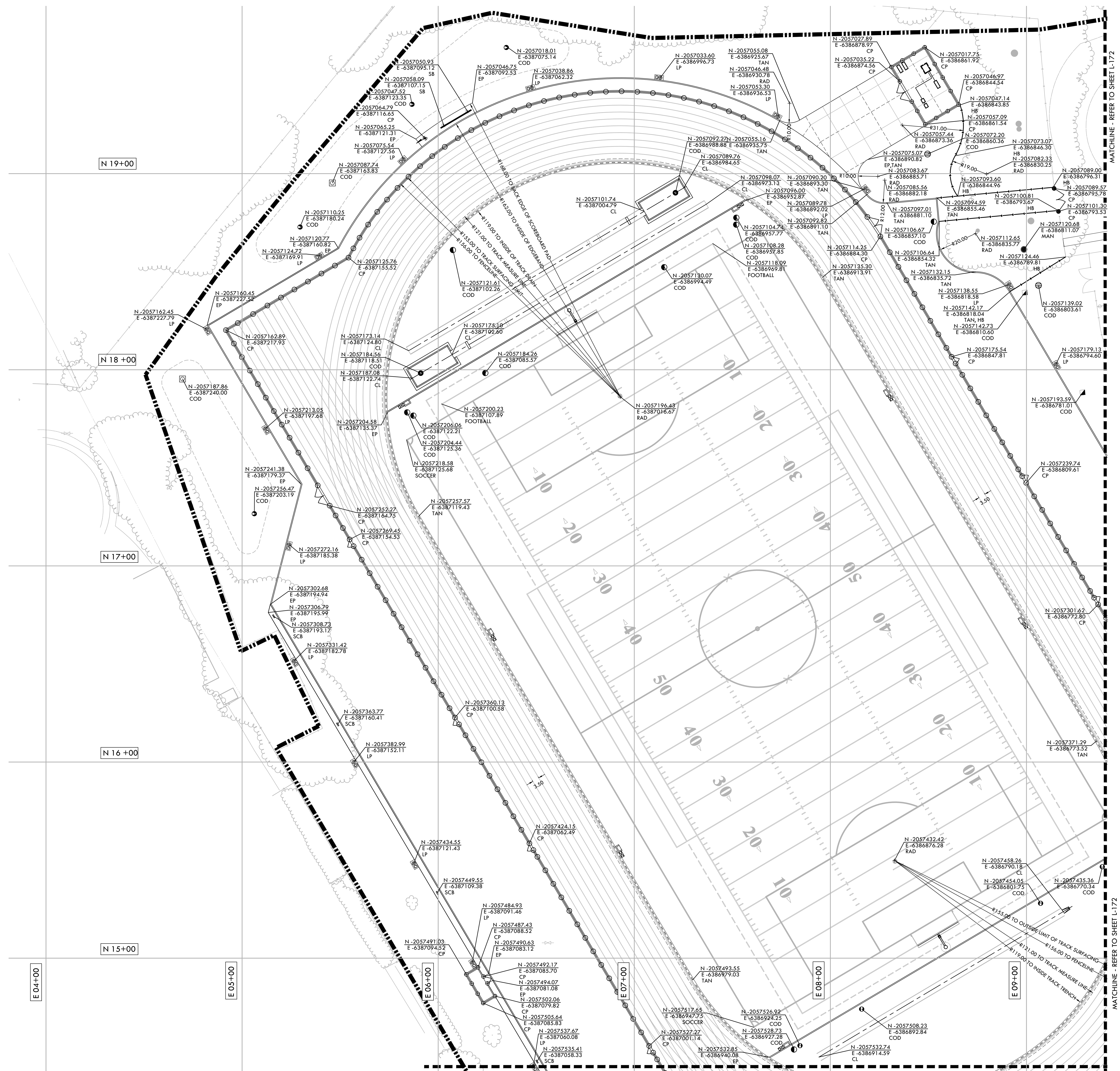


MATCHLINE - REFER TO SHEET L-164

MATCHLINE - REFER BELOW

MATCHLINE - REFER ABOVE

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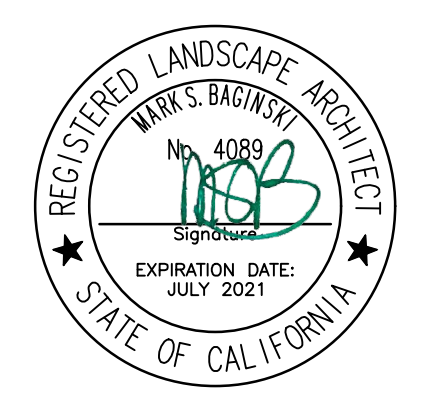


LAYOUT NOTES

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 DIV. OF THE STATE ARCHITECT
 APP: 02-118588 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 01/20/2021

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd, Suite 140
 Folsom, CA 95630
 Tel: 916-415-6554
 Fax: 916-415-6555
 www.VerdeDesign.com



LAYOUT LEGEND

SYM	DESCRIPTION
	POINT OF BEGINNING
	ANCHOR POINT FOR BASELINE A
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINES
	BASELINE
	CONTROL LINE
	NORTHING/EASTING LAYOUT COORDINATE CALLOUT
(COD)	CENTER OF DRAIN
(CONTROL)	CONTROL POINT
(COR)	CENTER OF RING
(CP)	CENTER OF POST
(EP)	EDGE OF PAVEMENT
(FH)	CENTER OF FIRE HYDRANT
(FOOTBALL)	CORNER OF FOOTBALL FIELD
(FP)	CENTER OF FOUL POLE
(HB)	EDGE OF HEADERBOARD
(LP)	CENTER OF LIGHTING POLE
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
(RAD)	RADIUS POINT
(RAMP)	EDGE OF RAMP
(SCB)	CENTER OF SWALE CATCH BASIN
(SOCCER)	CORNER OF SOCCER FIELD
(TAN)	TANGENT POINT
(TD)	CENTER OF TRENCH DRAIN

STAMP

CONSULTANT

SHEET TITLE

LAYOUT PLAN - NORTH

PROJECT NAME

MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS

**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO. REVISIONS

NO.	REVISIONS	DATE

DRAWN BY

AC

CHECKED BY

CS/MB

DATE ISSUED

01/20/2021

SCALE

1" = 20'-0"

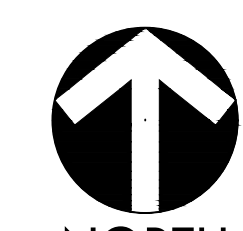
PROJ. NO.

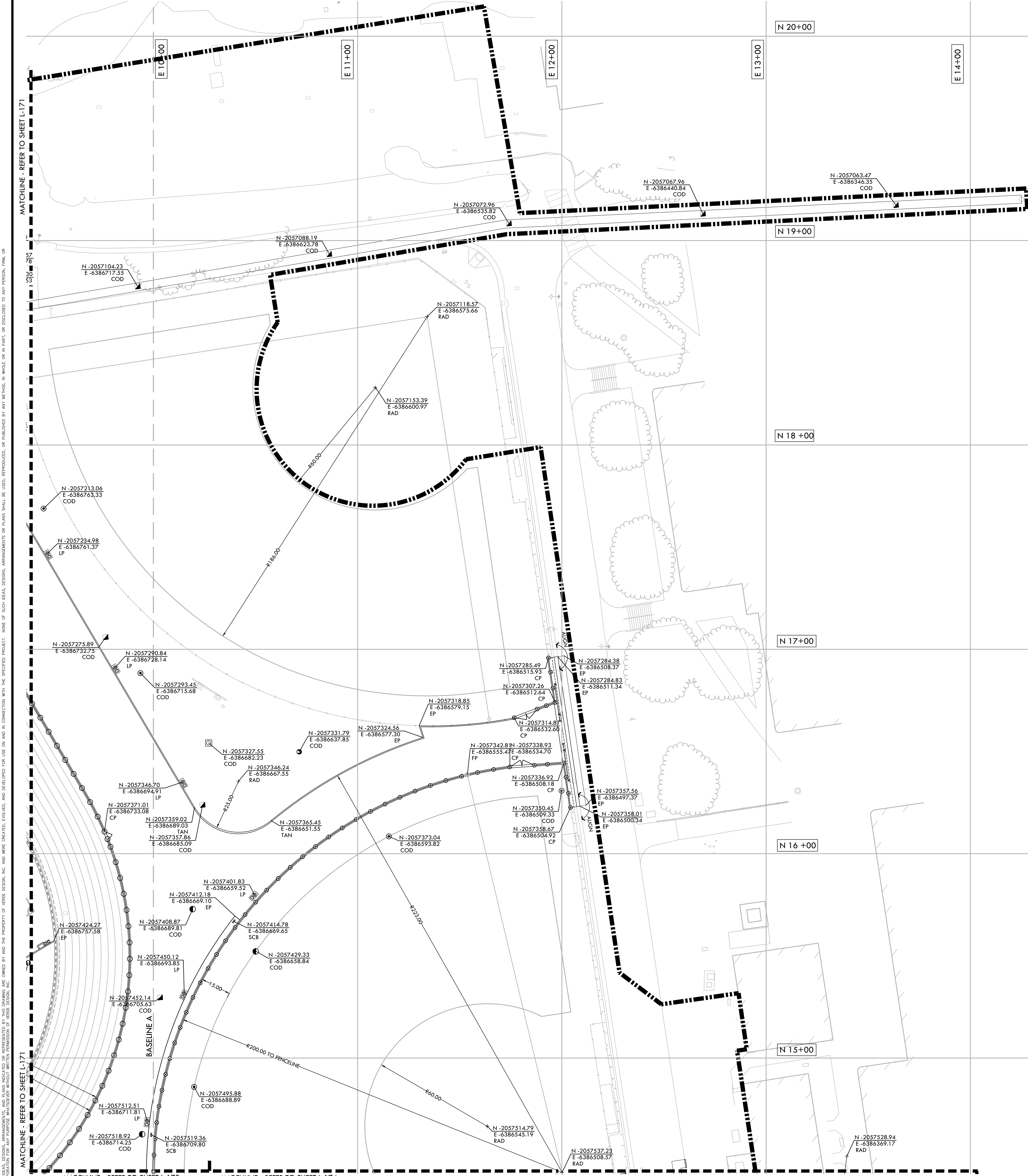
1819500

SHEET NO.

L-171

LAYOUT PLAN - NORTH





LAYOUT NOTES

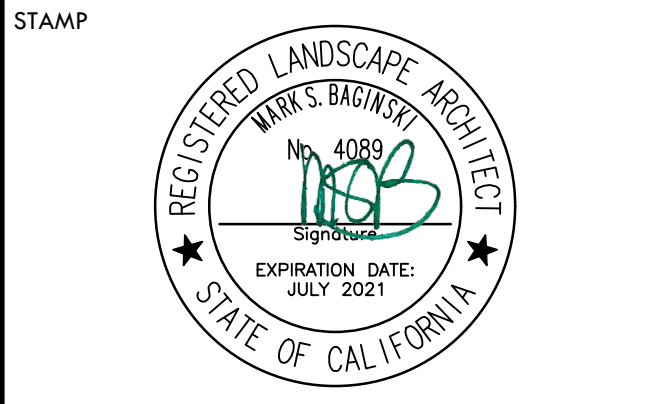
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 1843 Iron Point Rd, Suite 140
 Folsom, CA 95630
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 Fax: 916-415-6555
 www.VerdeDesignInc.com

LAYOUT LEGEND

SYM	DESCRIPTION
	POINT OF BEGINNING
	ANCHOR POINT FOR BASELINE A
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGES OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
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	BASELINE
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(COD)	CENTER OF DRAIN
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(FH)	CENTER OF FIRE HYDRANT
(FOOTBALL)	CORNER OF FOOTBALL FIELD
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(HB)	EDGE OF HEADERBOARD
(LP)	CENTER OF LIGHTING POLE
(POB)	POINT OF BEGINNING FOR GRID LAYOUT
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(SCB)	CENTER OF SWALE CATCH BASIN
(SOCCER)	CORNER OF SOCCER FIELD
(TAN)	TANGENT POINT
(TD)	CENTER OF TRENCH DRAIN



CONSULTANT

SHEET TITLE
LAYOUT PLAN - SOUTH

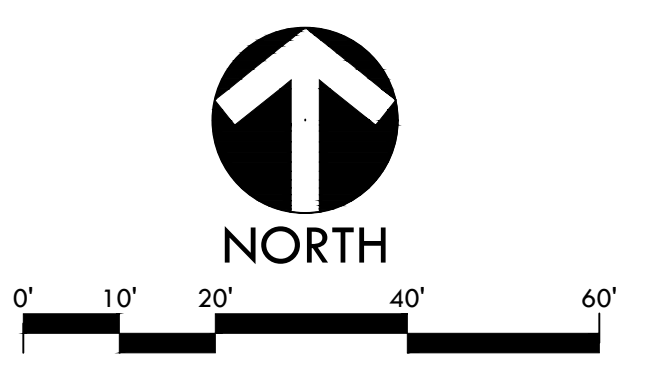
PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

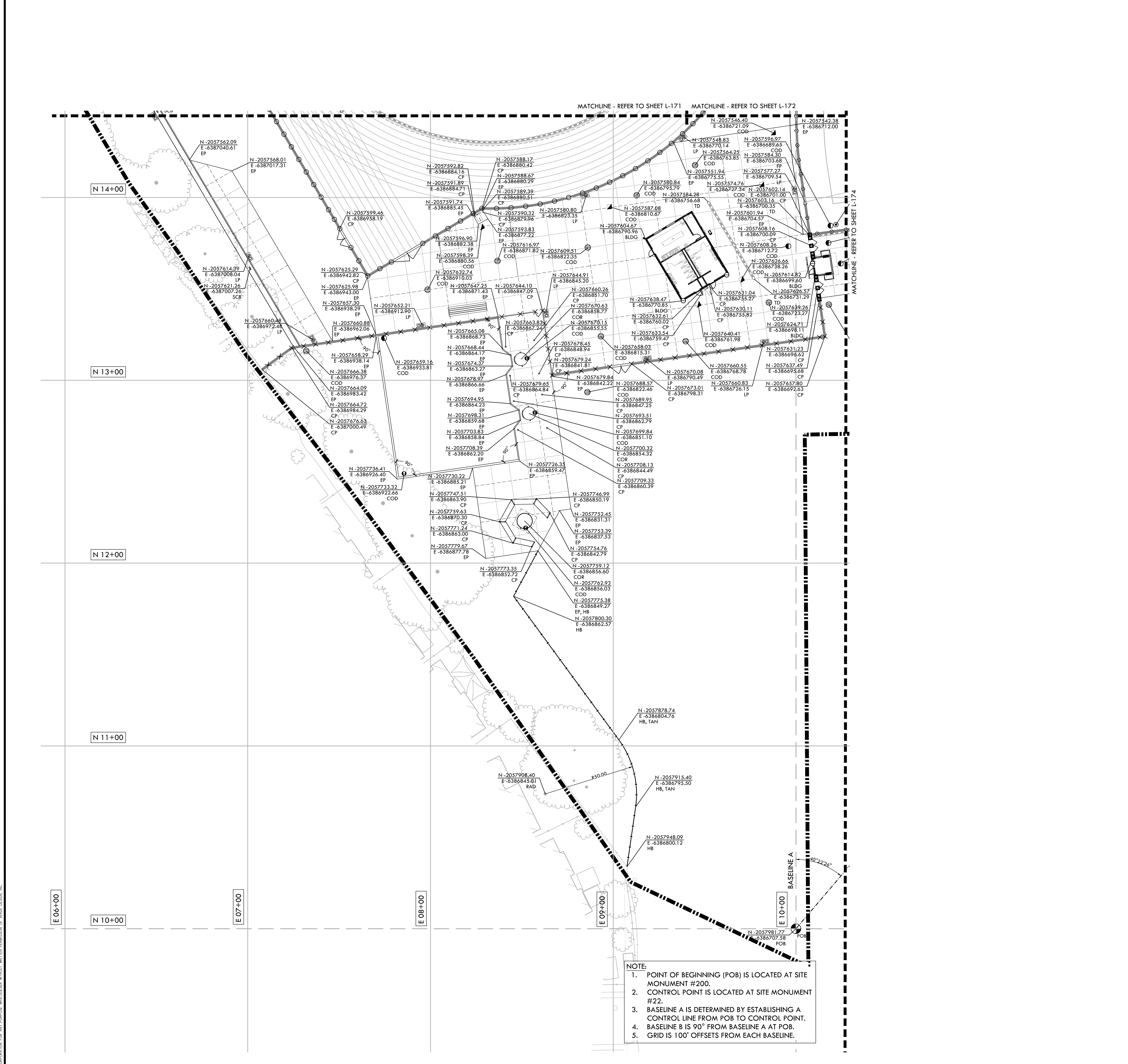
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE
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DRAWN BY: AC
 CHECKED BY: CS/MB
 DATE ISSUED: 01/20/2021
 SCALE: 1" = 20'-0"
 PROJ. NO.: 1819500
 SHEET NO.: L-172



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NOTE:

- POINT OF BEGINNING (POB) IS LOCATED AT SITE MONUMENT #200.
- CONTROL POINT IS LOCATED AT SITE MONUMENT #22.
- BASELINE A IS DETERMINED BY ESTABLISHING A CONTROL LINE FROM POB TO CONTROL POINT.
- BASELINE B IS 90° FROM BASELINE A AT POB.
- GRID IS 100' OFFSETS FROM EACH BASELINE.

LAYOUT NOTES

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LAYOUT LEGEND

SYM	DESCRIPTION
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	RADIUS POINT / CENTER MARK
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(TAN)	TANGENT POINT
(TD)	CENTER OF TRENCH DRAIN

STAMP

CONSULTANT

SHEET TITLE
**LAYOUT
 PLAN - THROWS AREA**

PROJECT NAME
**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

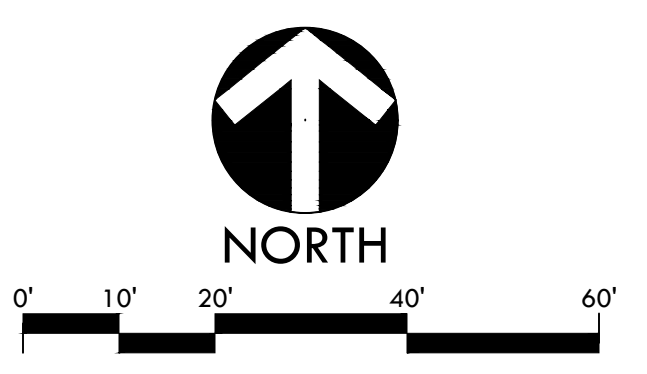
PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

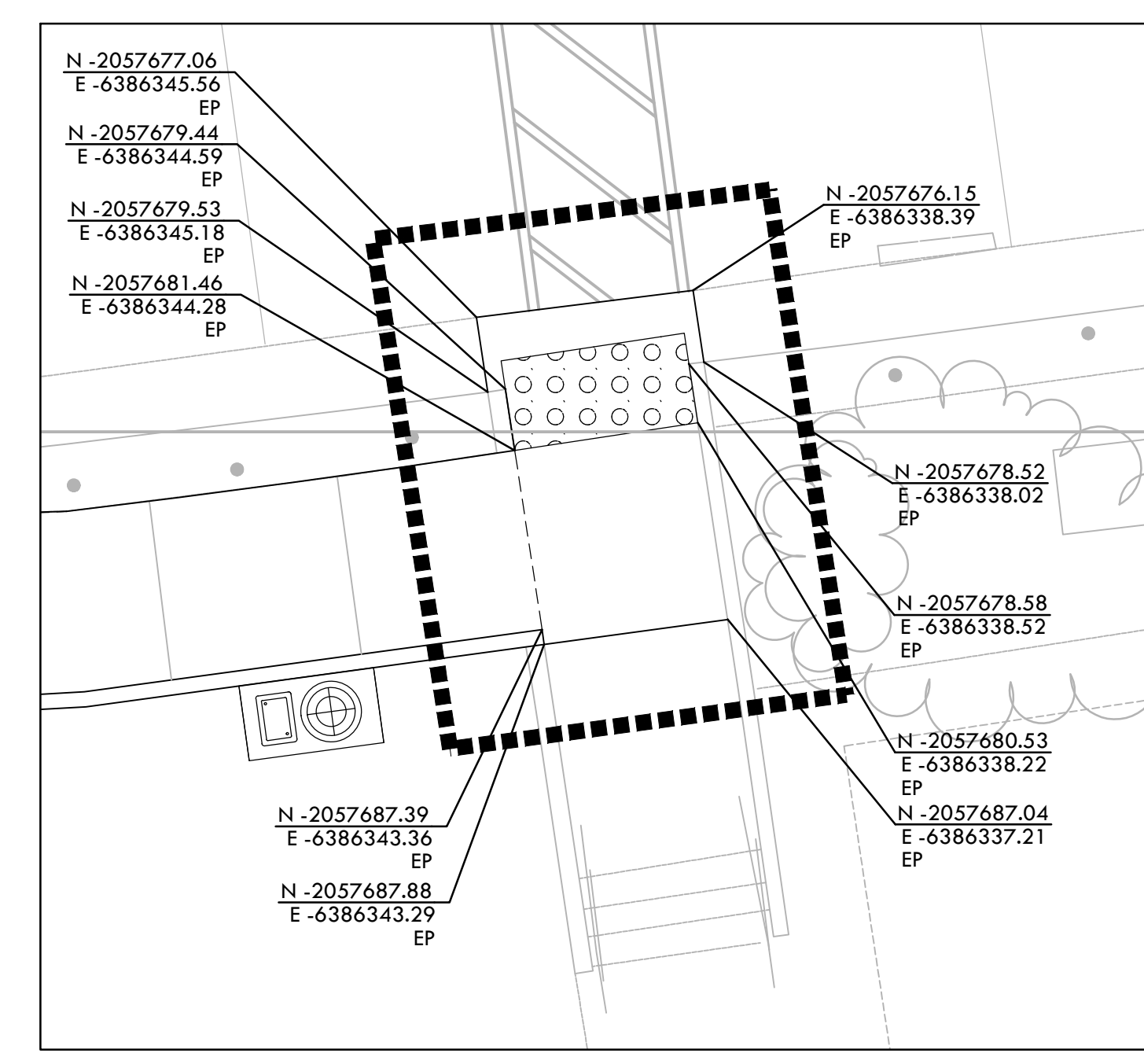
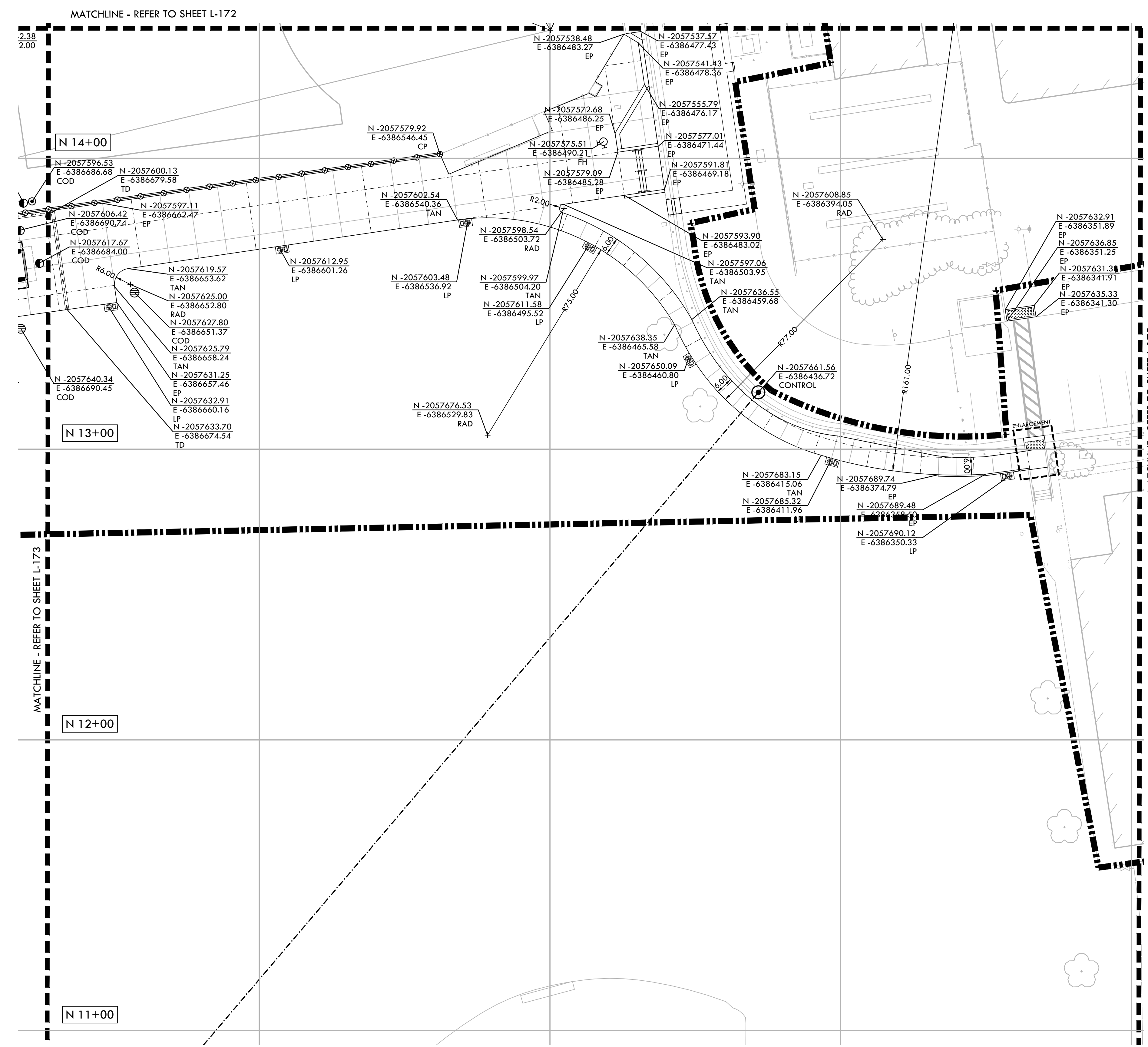
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

DRAWN BY: AC
 CHECKED BY: CS/MB
 DATE ISSUED: 01/20/2021
 SCALE: 1" = 20'-0"
 PROJ. NO.: 1819500

SHEET NO.
L-173





LAYOUT NOTES

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 Fax: 916-415-6535
 www.VerdeDesignInc.com

STAMP

CONSULTANT

SHEET TITLE
LAYOUT PLAN- STADIUM ENTRY WAY AND WALK

PROJECT NAME

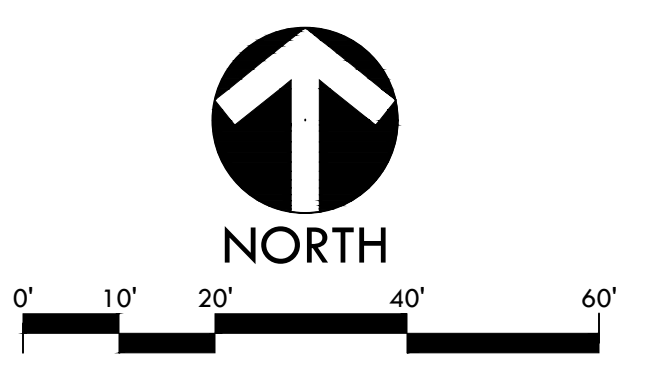
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
 7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621

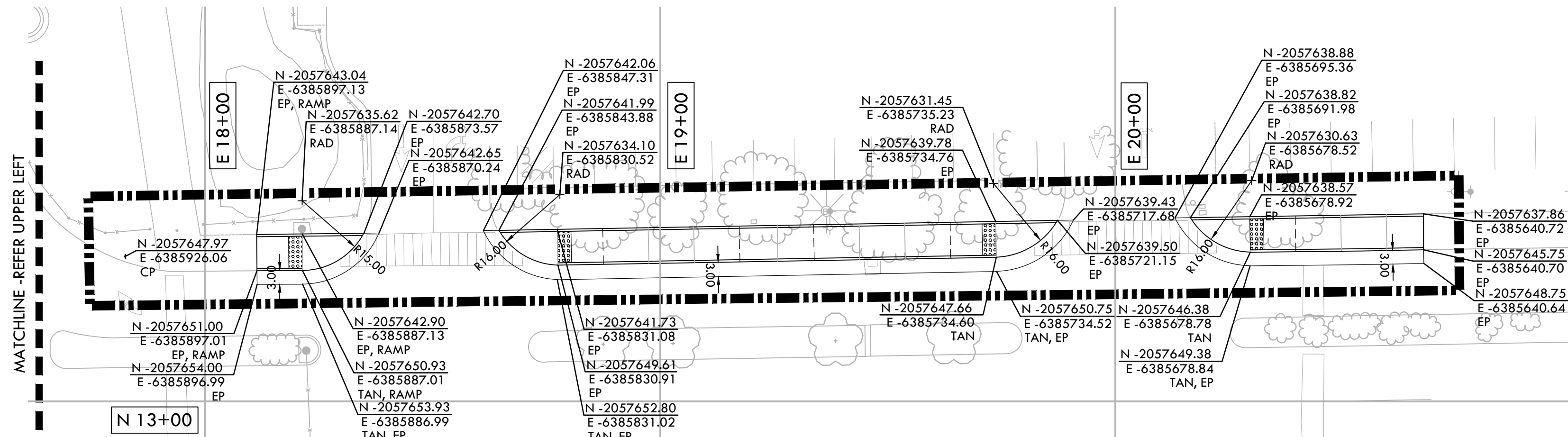
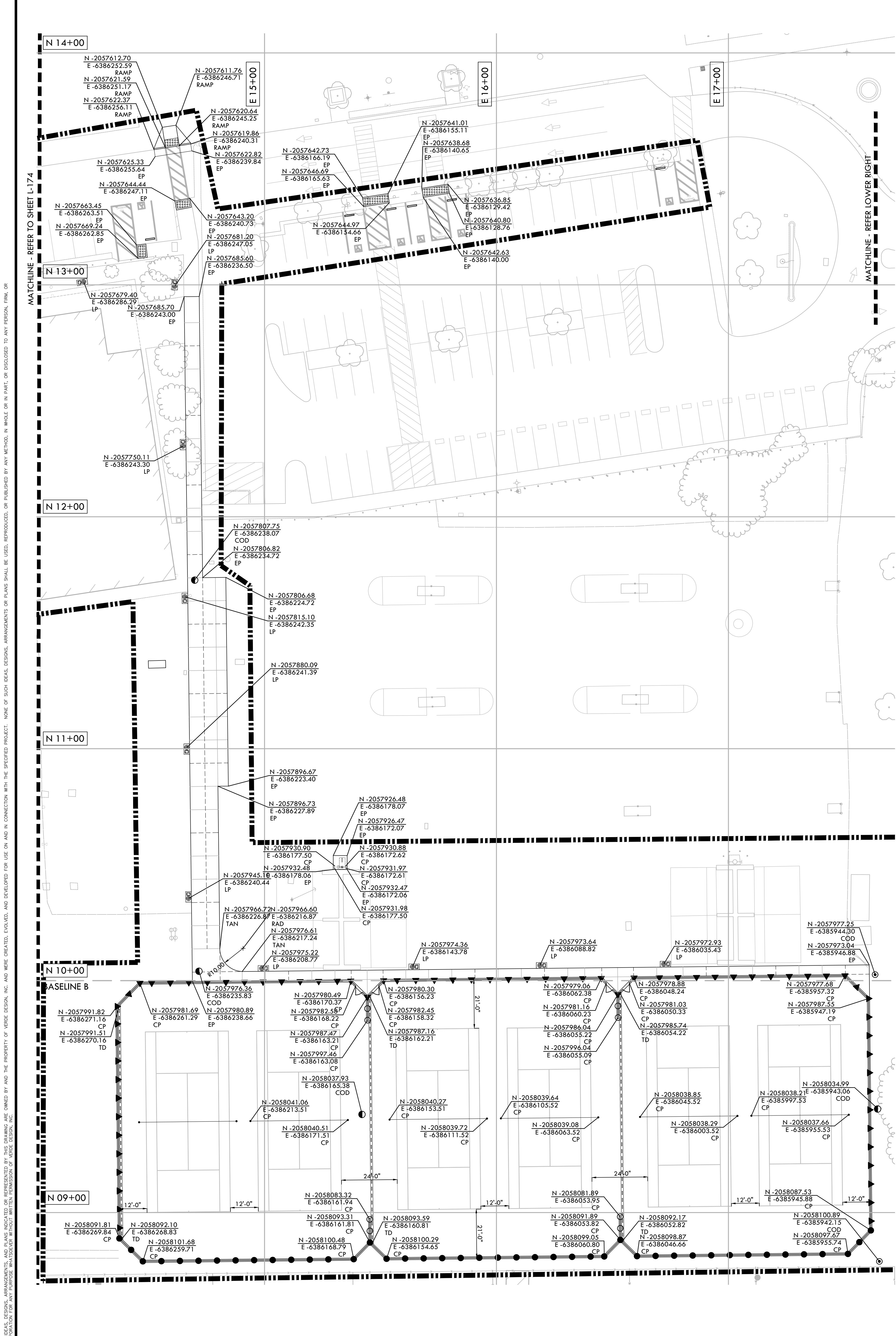
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

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AC	CS/MB
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SHEET NO.	L-174



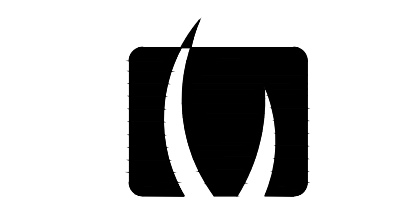
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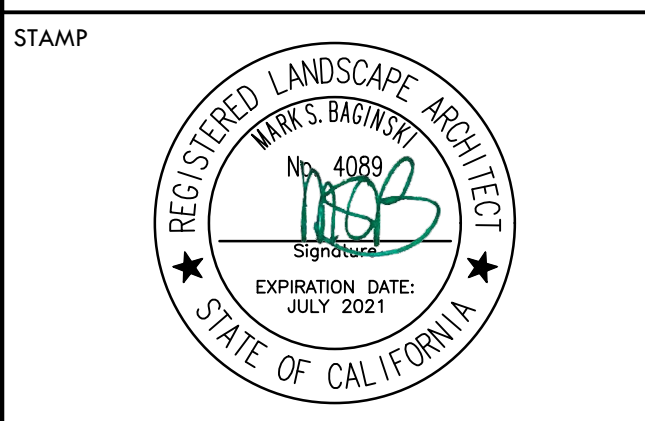
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LAYOUT LEGEND

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	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
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CONSULTANT

SHEET TITLE
LAYOUT PLAN - TENNIS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
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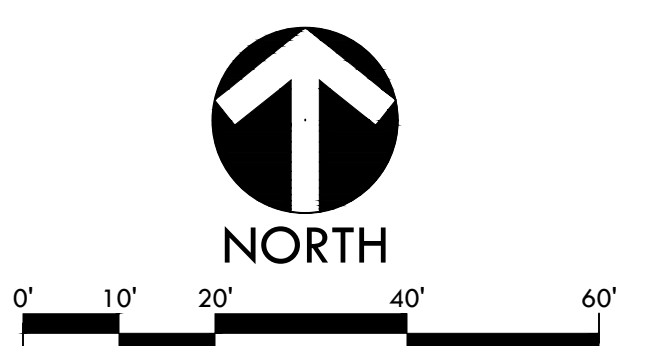
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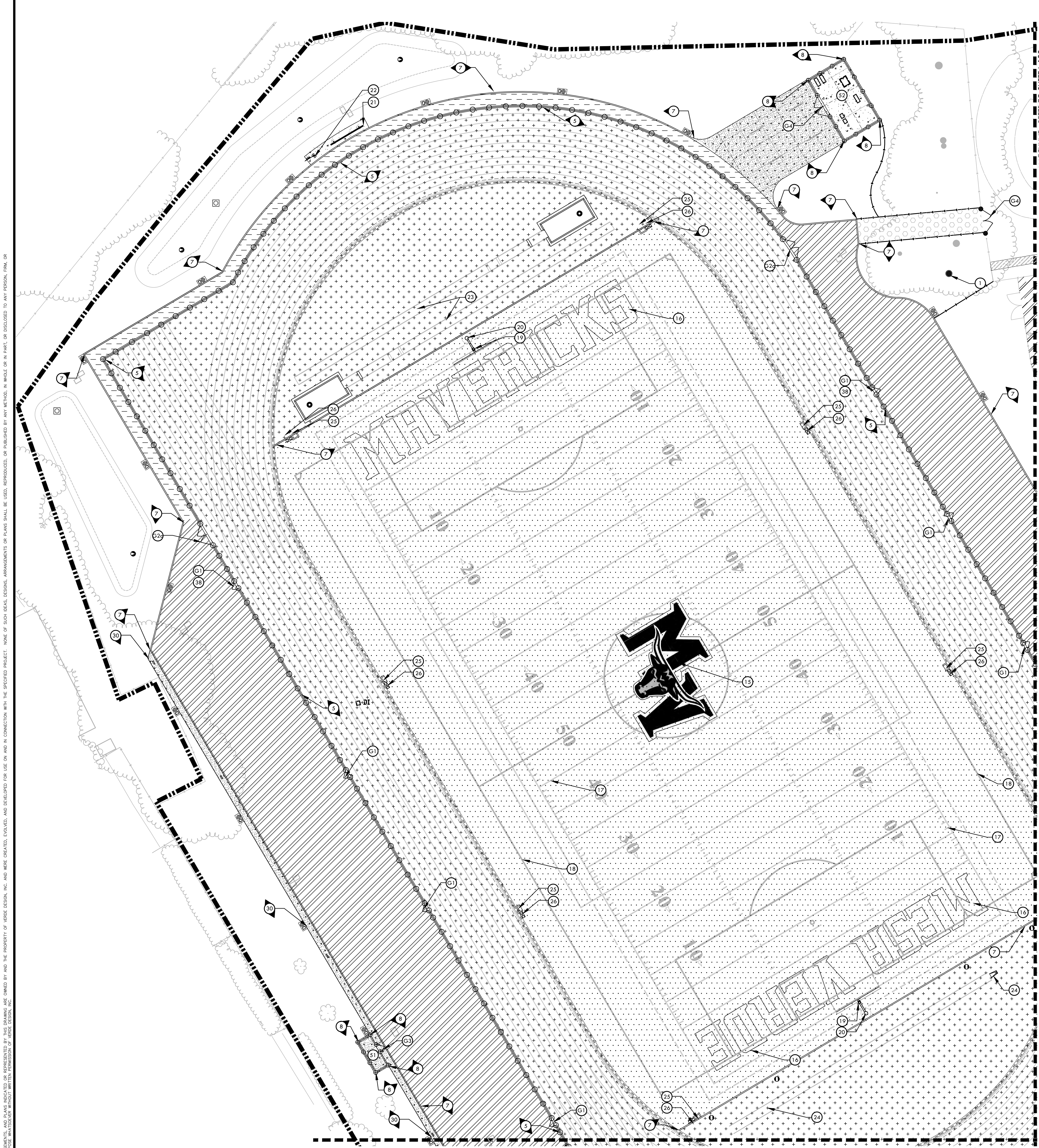
DRAWN BY: AC
 CHECKED BY: CS/MB
 DATE ISSUED: 01/20/2021
 SCALE: 1" = 20'-0"

PROJ. NO.: 1819500

SHEET NO.: **L-175**

LAYOUT PLAN - TENNIS





MATERIAL LEGEND - CONT.		
SYM	DESCRIPTION	DTL REF
8	12" WIDE EDGE BAND WITH FENCE	D U-522
9	6" CURB	G U-529
10	6" WIDE TALL CURB	H U-522
11	6" SHOT PUT CURB	L U-522
12	12" SHOT PUT CURB	K U-522
13	12" WIDE TALL CURB	I U-522
14	ASPHALT PATCH	G U-527
15	MIDFIELD LOGO	C U-537
16	END ZONE LETTERING	D U-537
17	FOOTBALL FIELD STRIPING	A U-537
18	70 YARD X 116 YARD SOCCER FIELD STRIPING	B U-537
19	SOCCER GOAL SAFETY BOX	B U-537
20	ACCESS KIT / GOAL POST MOUNT	A U-537
21	SCOREBOARD - REFER TO STRUCTURAL, ELECTRICAL DRAWINGS, AND SPECIFICATIONS	3 U-56.00
22	FLAG POLE	1 U-56.00
23	LONG / TRIPLE JUMP WITH SAND PITS AND SAND CATCHERS	EF U-537
24	POLE VAULT - RUN WAY AND BOX	I U-537
25	COMBOX- SEE ALSO ELECTRICAL PLANS	D U-512
26	WATER CANNON- SEE ALSO IRRIGATION PLANS	A U-552
27	DISCUS CAGE AND PAD	K U-537
28	SHOT PUT CIRCLE AND CAGE	L U-537
29	5 ROW BLEACHER - REFER TO SPECIFICATIONS	G U-513
30	CONCRETE SWALE	G U-513
31	DRINKING FOUNTAIN	M,N U-112
32	CONCESSION AND RESTROOM BUILDING- REFER TO ARCHITECTURAL PLANS	
33	TICKET BOOTH- REFER TO ARCHITECTURAL PLANS	
34	FIRE HYDRANT	F U-513
35	CONCRETE STAIRS	A,B U-529
36	STAIR HANDRAIL	C U-529
37	18" SEAT WALL	E U-529
38	TRACK EVENT CHART	C U-532
39	RULES SIGN	D U-529
40	TOW AWAY SIGN	I U-112
41	FOUL POLE @ JV SOFTBALL FIELD	F U-513
42	ADA PARKING STALLS - AREA 1	A U-112
43	ADA PARKING STALLS - AREA 2	B U-112
44	ADA PARKING STALLS - AREA 3	C U-112
45	CURB RAMP - AREA 1	K U-112
46	CURB RAMP - AREA 2	L U-112
47	BENCH, REFER TO SPECIFICATIONS	
48	TENNIS COURT FENCE ELEVATION	A U-537
49	TENNIS COURT NET AND POSTS	B U-537
50	TENNIS STRIPING	C U-537
51	ELECTRICAL SWITCHGEAR PAD, REFER TO ELECTRICAL PLANS	
52	IRRIGATION EQUIPMENT ENCLOSURE	A U-557
53	PEDESTRIAN RAMP	J U-112
54	EXISTING GYMNASIUM MODIFICATIONS- REFER TO ACC1 & ACC2	

MATERIAL NOTES

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- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4'X4' SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND		
SYM	DESCRIPTION	DTL REF
	LIMIT OF WORK	
	SYNTHETIC TURF WITH BROCK PAD	P U-535
	ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT)	J U-521
	ASPHALT PAVING - VEHICULAR	E U-521
	ASPHALT PAVING - PEDESTRIAN	E U-521
	ASPHALT PAVING - NO CHEMICAL TREATMENT	F U-521
	CONCRETE PAVING - CHEMICALLY TREATED (PEDESTRIAN)	A U-521
	CONCRETE PAVING - CHEMICALLY TREATED (VEHICULAR)	A U-521
	CONCRETE PAVING - NO CHEMICAL TREATMENT (PEDESTRIAN)	C U-521
	STABILIZED DECOMPOSED GRANITE	K U-521
	TRUNCATED DOMES	F U-112
	TENNIS COURT SURFACING	D U-538
	INFIELD / WARNING TRACK FINES	L U-521
	FRENCH DRAIN AT TENNIS COURT	G U-512
	GRAVEL PAVER- REFER TO SPECIFICATIONS	
	EXPANSION JOINT SCORE JOINT	B U-521
	42" TALL CHAIN LINK FENCE	D U-541
	6' TALL CHAIN LINK FENCE	E U-541
	STADIUM ENTRY	B U-542
	8' TALL CHAIN LINK FENCE	F U-541
	12' TALL CHAIN LINK FENCE	G U-541
	8' TALL PROTECTIVE NETTING OVER 12' TALL CHAIN LINK FENCE	P U-541
	HEADERBOARD AT SHOT PUT CURB	K,L U-522
	HEADERBOARD	D U-552
	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512	
	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
	EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4	
51	42" X 4' SWING GATE - ACCESSIBLE	I U-541
52a	42" TALL X 12' WIDE DOUBLE SWING GATE	J U-541
52b	42" TALL X 20' WIDE DOUBLE SWING GATE	J U-541
53	6' TALL X 4' WIDE SWING GATE	K U-541
54	6' TALL X 12' WIDE DOUBLE SWING GATE	M U-541
55	6' TALL DOUBLE SLIDING GATE	C U-549
56	8' TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE	A U-542
57	8' TALL X 4' WIDE SWING GATE	L U-541
58	8' TALL X 12' WIDE DOUBLE SWING GATE	N U-541
59	8' TALL X 4' SWING GATE WITH TRANSOM AND WINDSCREEN	O U-541
1	LIFT STATION	A U-516
2	CURB AND GUTTER	M U-522
3	EDGE BAND AT SLIDING GATE	E U-522
4	DOWNSPOUT CONNECTION	E U-513
5	12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING	J U-522
6	12" WIDE TALL CURB WITH FENCE @ TENNIS	J U-522
7	6" EDGE BAND	B U-522

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118588 INC.
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DATE: 01/20/2021

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REGISTERED LANDSCAPE ARCHITECT
MESA VERDE ARCHITECTS
No. 4088
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
MATERIAL AND DETAIL REFERENCE PLAN - NORTH

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

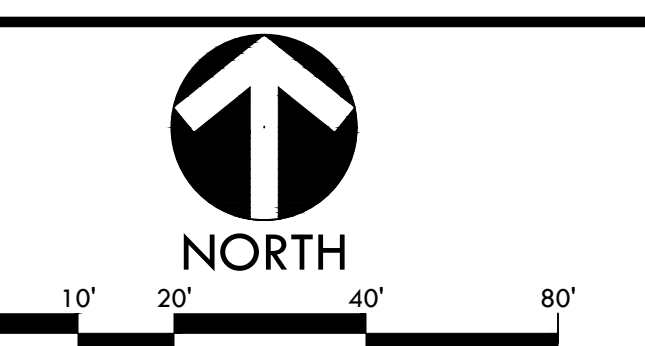
PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

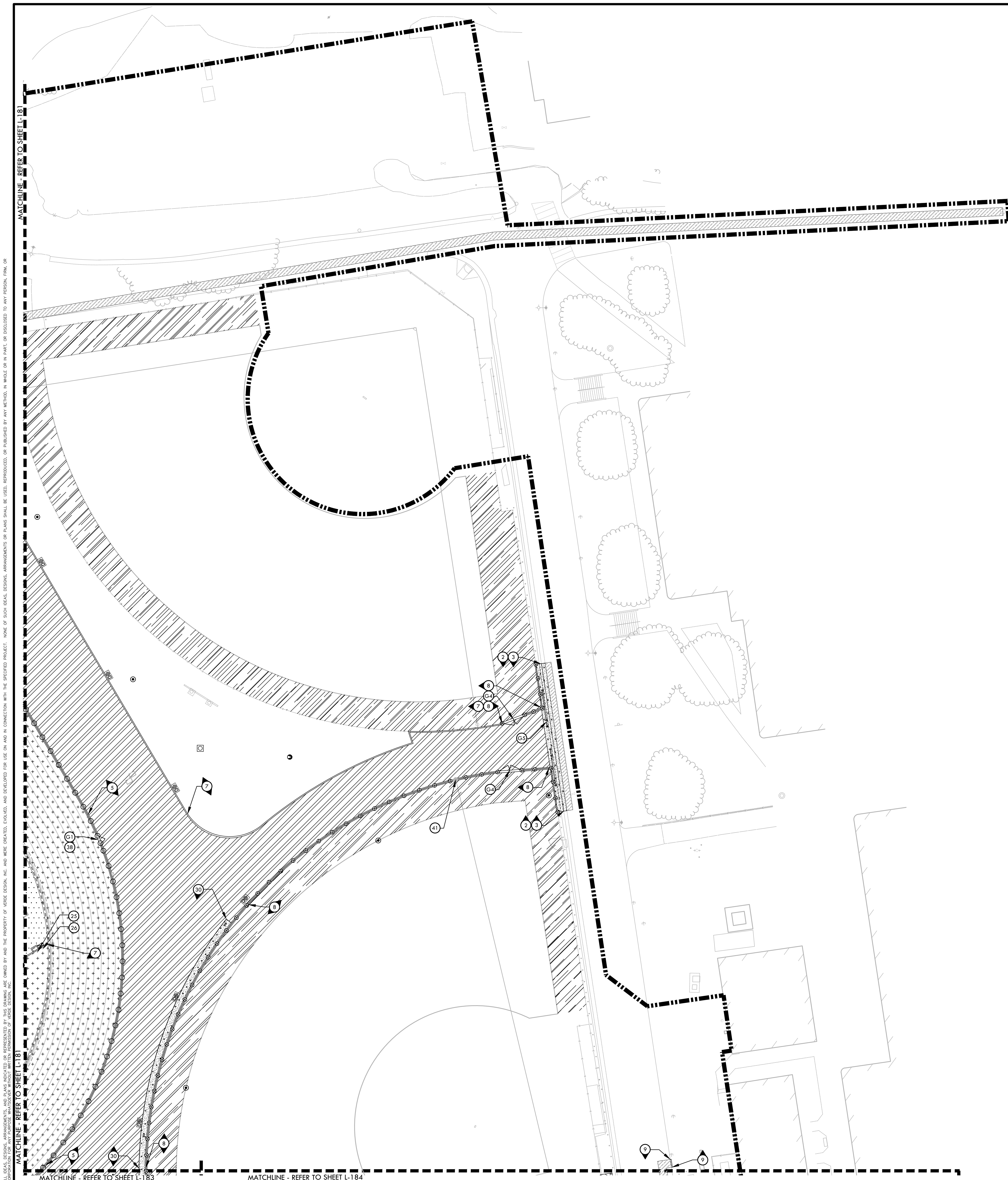
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

DRAWN BY: AL
CHECKED BY: CS/MB
DATE ISSUED: 01/20/2021
SCALE: 1" = 20'-0"
PROJ. NO.: 1819500
SHEET NO.: L-181

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MATERIAL LEGEND - CONT.		
SYM	DESCRIPTION	DTL REF
8	12" WIDE EDGE BAND WITH FENCE	(D) U-522
9	6" CURB	(G) U-529
10	6" WIDE TALL CURB	(H) U-522
11	6" SHOT PUT CURB	(L) U-522
12	12" SHOT PUT CURB	(K) U-522
13	12" WIDE TALL CURB	(I) U-522
14	ASPHALT PATCH	(G) U-521
15	MIDFIELD LOGO	(C) U-531
16	END ZONE LETTERING	(D) U-531
17	FOOTBALL FIELD STRIPING	(A) U-531
18	70 YARD x 116 YARD SOCCER FIELD STRIPING	(B) U-531
19	SOCCER GOAL SAFETY BOX	(B) U-532
20	ACCESS KIT/GOAL POST MOUNT	(A) U-532
21	SCOREBOARD - REFER TO STRUCTURAL, ELECTRICAL DRAWINGS, AND SPECIFICATIONS	(3) \$6.00
22	FLAG POLE	(1) \$6.00
23	LONG / TRIPLE JUMP WITH SAND PITS AND SAND CATCHERS	(EF) U-537
24	POLE VAULT - RUN WAY AND BOX	(I) U-537
25	COMBOX- SEE ALSO ELECTRICAL PLANS	(D) U-512
26	WATER CANNON- SEE ALSO IRRIGATION PLANS	(A) U-552
27	DISCUS CAGE AND PAD	(K) U-537
28	SHOT PUT CIRCLE AND CAGE	(L) U-537
29	5 ROW BLEACHER - REFER TO SPECIFICATIONS	(G) U-513
30	CONCRETE SWALE	(G) U-513
31	DRINKING FOUNTAIN	(M,N) U-112
32	CONCESSION AND RESTROOM BUILDING- REFER TO ARCHITECTURAL PLANS	
33	TICKET BOOTH- REFER TO ARCHITECTURAL PLANS	
34	FIRE HYDRANT	(F) U-513
35	CONCRETE STAIRS	(A,B) U-523
36	STAIR HANDRAIL	(C) U-523
37	18" SEAT WALL	(E) U-523
38	TRACK EVENT CHART	(C) U-532
39	RULES SIGN	(D) U-532
40	TOW AWAY SIGN	(I) U-112
41	FOUL POLE @ JV SOFTBALL FIELD	(F) U-533
42	ADA PARKING STALLS - AREA 1	(A) U-112
43	ADA PARKING STALLS - AREA 2	(B) U-112
44	ADA PARKING STALLS - AREA 3	(C) U-112
45	CURB RAMP - AREA 1	(K) U-112
46	CURB RAMP - AREA 2	(L) U-112
47	BENCH, REFER TO SPECIFICATIONS	
48	TENNIS COURT FENCE ELEVATION	(A) U-533
49	TENNIS COURT NET AND POSTS	(B) U-533
50	TENNIS STRIPING	(C) U-533
51	ELECTRICAL SWITCHGEAR PAD, REFER TO ELECTRICAL PLANS	
52	IRRIGATION EQUIPMENT ENCLOSURE	(A) U-551
53	PEDESTRIAN RAMP	(J) U-112
54	EXISTING GYMNASIUM MODIFICATIONS- REFER TO ACC1 & ACC2	

MATERIAL LEGEND		
SYM	DESCRIPTION	DTL REF
(LIMIT OF WORK)	LIMIT OF WORK	
(SYNTHETIC TURF WITH BROCK PAD)	SYNTHETIC TURF WITH BROCK PAD	(P) U-533
(ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT))	ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT)	(J) U-521
(ASPHALT PAVING - VEHICULAR)	ASPHALT PAVING - VEHICULAR	(E) U-521
(ASPHALT PAVING - PEDESTRIAN)	ASPHALT PAVING - PEDESTRIAN	(E) U-521
(ASPHALT PAVING - NO CHEMICAL TREATMENT)	ASPHALT PAVING - NO CHEMICAL TREATMENT	(F) U-521
(CONCRETE PAVING- CHEMICALLY TREATED (PEDESTRIAN))	CONCRETE PAVING- CHEMICALLY TREATED (PEDESTRIAN)	(A) U-521
(CONCRETE PAVING- CHEMICALLY TREATED (VEHICULAR))	CONCRETE PAVING- CHEMICALLY TREATED (VEHICULAR)	(A) U-521
(CONCRETE PAVING- NO CHEMICAL TREATMENT (PEDESTRIAN))	CONCRETE PAVING- NO CHEMICAL TREATMENT (PEDESTRIAN)	(C) U-521
(STABILIZED DECOMPOSED GRANITE)	STABILIZED DECOMPOSED GRANITE	(K) U-521
(TRUNCATED DOMES)	TRUNCATED DOMES	(F) U-112
(TENNIS COURT SURFACING)	TENNIS COURT SURFACING	(D) U-533
(INFIELD / WARNING TRACK FINES)	INFIELD / WARNING TRACK FINES	(L) U-521
(FRENCH DRAIN AT TENNIS COURT)	FRENCH DRAIN AT TENNIS COURT	(G) U-512
(GRAVEL PAVER- REFER TO SPECIFICATIONS)	GRAVEL PAVER- REFER TO SPECIFICATIONS	
(EXPANSION JOINT SCORE JOINT)	EXPANSION JOINT SCORE JOINT	(B) U-521
(42" TALL CHAIN LINK FENCE)	42" TALL CHAIN LINK FENCE	(D) U-541
(6" TALL CHAIN LINK FENCE)	6" TALL CHAIN LINK FENCE	(E) U-541
(STADIUM ENTRY)	STADIUM ENTRY	(B) U-542
(8" TALL CHAIN LINK FENCE)	8" TALL CHAIN LINK FENCE	(F) U-541
(12" TALL CHAIN LINK FENCE)	12" TALL CHAIN LINK FENCE	(G) U-541
(8" TALL PROTECTIVE NETTING OVER 12" TALL CHAIN LINK FENCE)	8" TALL PROTECTIVE NETTING OVER 12" TALL CHAIN LINK FENCE	(P) U-541
(HEADERBOARD AT SHOT PUT CURB)	HEADERBOARD AT SHOT PUT CURB	(K,L) U-522
(HEADERBOARD)	HEADERBOARD	(D) U-552
(TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512)	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512	
(TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512)	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
(EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4)	EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4	
(42" X 4' SWING GATE - ACCESSIBLE)	42" X 4' SWING GATE - ACCESSIBLE	(I) U-541
(42" TALL X 12' WIDE DOUBLE SWING GATE)	42" TALL X 12' WIDE DOUBLE SWING GATE	(J) U-541
(42" TALL X 20' WIDE DOUBLE SWING GATE)	42" TALL X 20' WIDE DOUBLE SWING GATE	(J) U-541
(6" TALL X 4' WIDE SWING GATE)	6" TALL X 4' WIDE SWING GATE	(K) U-541
(6" TALL X 12' WIDE DOUBLE SWING GATE)	6" TALL X 12' WIDE DOUBLE SWING GATE	(M) U-541
(6" TALL DOUBLE SLIDING GATE)	6" TALL DOUBLE SLIDING GATE	(C) U-549
(8" TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE)	8" TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE	(A) U-542
(8" TALL X 4' WIDE SWING GATE)	8" TALL X 4' WIDE SWING GATE	(L) U-541
(8" TALL X 12' WIDE DOUBLE SWING GATE)	8" TALL X 12' WIDE DOUBLE SWING GATE	(N) U-541
(8" TALL X 4' SWING GATE WITH TRANSOM AND WINDSCREEN)	8" TALL X 4' SWING GATE WITH TRANSOM AND WINDSCREEN	(O) U-541
(LIFT STATION)	LIFT STATION	(A) U-516
(CURB AND GUTTER)	CURB AND GUTTER	(M) U-522
(EDGE BAND AT SLIDING GATE)	EDGE BAND AT SLIDING GATE	(E) U-522
(DOWNSPOUT CONNECTION)	DOWNSPOUT CONNECTION	(E) U-513
(12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING)	12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING	(J) U-522
(12" WIDE TALL CURB WITH FENCE @ TENNIS)	12" WIDE TALL CURB WITH FENCE @ TENNIS	(J) U-522
(6" EDGE BAND)	6" EDGE BAND	(B) U-522

MATERIAL NOTES		
1.	THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEPING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.	
2.	THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.	
3.	ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.	
4.	CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.	
5.	ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.	
6.	ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.	

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DATE: 01/20/2021

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LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
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REGISTERED LANDSCAPE ARCHITECT
MESA VERDE ARCHITECTS
No. 4085
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
**MATERIAL AND
DETAIL REFERENCE
PLAN - SOUTH**

PROJECT NAME
**MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS**

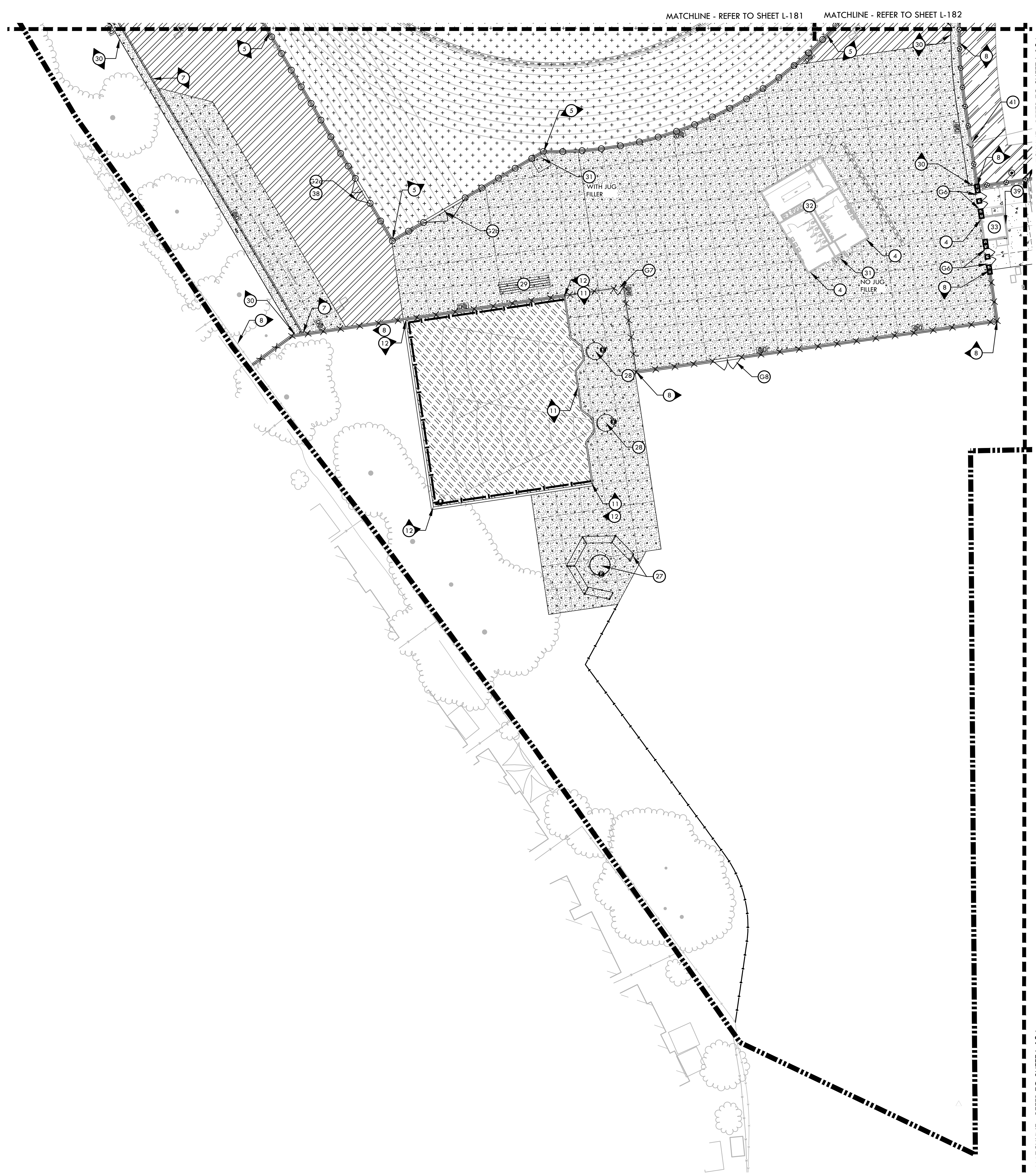
PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

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DATE ISSUED: 01/20/2021 SCALE: 1"= 20'-0"
PROJ. NO.: 1819500
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MATERIAL LEGEND - CONT.			MATERIAL NOTES		
SYM	DESCRIPTION	DTL REF	1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS. 2. THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM. 3. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE. 4. CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE. 5. ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION. 6. ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.		
8	12" WIDE EDGE BAND WITH FENCE	D U-522			
9	6" CURB	G U-523			
10	6" WIDE TALL CURB	H U-522			
11	6" SHOT PUT CURB	L U-522			
12	12" SHOT PUT CURB	K U-522			
13	12" WIDE TALL CURB	I U-522			
14	ASPHALT PATCH	G U-521			
15	MIDFIELD LOGO	C U-531			
16	END ZONE LETTERING	D U-531			
17	FOOTBALL FIELD STRIPING	A U-531			
18	70 YARD x 116 YARD SOCCER FIELD STRIPING	B U-531			
19	SOCCER GOAL SAFETY BOX	B U-531			
20	ACCESS KIT/GOAL POST MOUNT	A U-531			
21	SCOREBOARD - REFER TO STRUCTURAL, ELECTRICAL DRAWINGS, AND SPECIFICATIONS	3 U-56.00			
22	FLAG POLE	1 U-56.00			
23	LONG / TRIPLE JUMP WITH SAND PITS AND SAND CATCHERS	E,F U-531			
24	POLE VAULT - RUN WAY AND BOX	I U-531			
25	COMBOX- SEE ALSO ELECTRICAL PLANS	D U-512			
26	WATER CANNON- SEE ALSO IRRIGATION PLANS	A U-552			
27	DISCUS CAGE AND PAD	K U-531			
28	SHOT PUT CIRCLE AND CAGE	L U-531			
29	5 ROW BLEACHER - REFER TO SPECIFICATIONS	G U-513			
30	CONCRETE SWALE	M,N U-112			
31	DRINKING FOUNTAIN	F U-513			
32	CONCESSION AND RESTROOM BUILDING- REFER TO ARCHITECTURAL PLANS	F U-513			
33	TICKET BOOTH- REFER TO ARCHITECTURAL PLANS	F U-513			
34	FIRE HYDRANT	F U-513			
35	CONCRETE STAIRS	A,B U-523			
36	STAIR HANDRAIL	C U-523			
37	18" SEAT WALL	E U-523			
38	TRACK EVENT CHART	C U-532			
39	RULES SIGN	D U-523			
40	TOW AWAY SIGN	I U-112			
41	FOUL POLE @ JV SOFTBALL FIELD	F U-533			
42	ADA PARKING STALLS - AREA 1	A U-112			
43	ADA PARKING STALLS - AREA 2	B U-112			
44	ADA PARKING STALLS - AREA 3	C U-112			
45	CURB RAMP - AREA 1	K U-112			
46	CURB RAMP - AREA 2	L U-112			
47	BENCH, REFER TO SPECIFICATIONS	C U-533			
48	TENNIS COURT FENCE ELEVATION	A U-533			
49	TENNIS COURT NET AND POSTS	B U-533			
50	TENNIS STRIPING	C U-533			
51	ELECTRICAL SWITCHGEAR PAD, REFER TO ELECTRICAL PLANS	A U-551			
52	IRRIGATION EQUIPMENT ENCLOSURE	J U-112			
53	PEDESTRIAN RAMP	J U-112			
54	EXISTING GYMNASIUM MODIFICATIONS- REFER TO ACC1 & ACC2	J U-112			

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APP: 02-118588 INC.
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DATE: 01/20/2021

VERDE DESIGN
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www.VerdeDesign.com

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REGISTERED LANDSCAPE ARCHITECT
MESA VERDE DESIGN, INC.
No. 4088
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE

**MATERIAL AND
DETAIL REFERENCE
PLAN - THROWS AREA**

PROJECT NAME

**MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS**

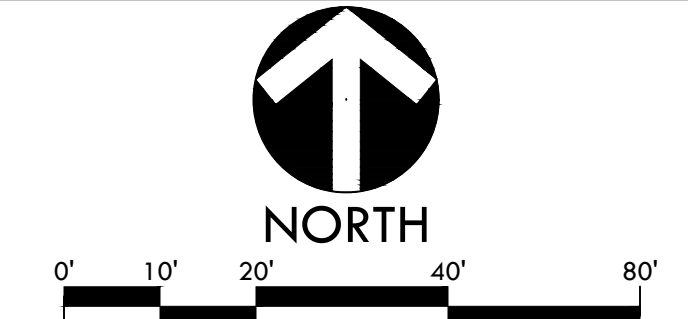
PROJECT ADDRESS

**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

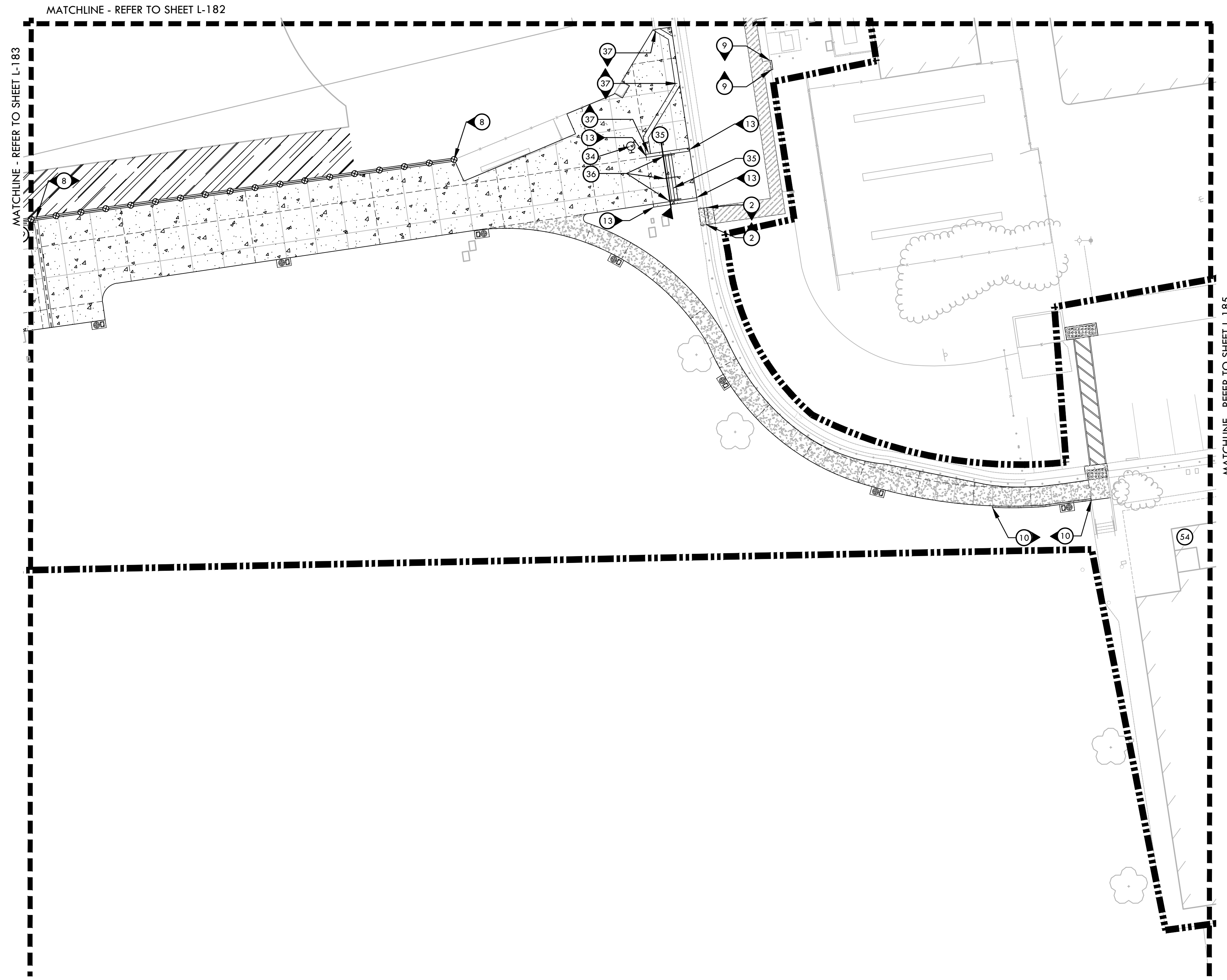
SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

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DATE ISSUED 01/20/2021	SCALE 1" = 20'-0"
PROJ. NO. 1819500	SHEET NO. L-183



MATERIAL AND DETAIL REFERENCE PLAN - THROWS AREA



MATERIAL LEGEND - CONT.		
SYM	DESCRIPTION	DTL REF
8	12" WIDE EDGE BAND WITH FENCE	(D) U-522
9	6" CURB	(G) U-529
10	6" WIDE TALL CURB	(H) U-522
11	6" SHOT PUT CURB	(L) U-522
12	12" SHOT PUT CURB	(K) U-522
13	12" WIDE TALL CURB	(I) U-522
14	ASPHALT PATCH	(G) U-521
15	MIDFIELD LOGO	(C) U-531
16	END ZONE LETTERING	(D) U-531
17	FOOTBALL FIELD STRIPING	(A) U-531
18	70 YARD x 116 YARD SOCCER FIELD STRIPING	(B) U-531
19	SOCCER GOAL SAFETY BOX	(B) U-532
20	ACCESS KIT/GOAL POST MOUNT	(A) U-532
21	SCOREBOARD - REFER TO STRUCTURAL, ELECTRICAL DRAWINGS, AND SPECIFICATIONS	(3) S6.00
22	FLAG POLE	(1) S6.00
23	LONG / TRIPLE JUMP WITH SAND PITS AND SAND CATCHERS	(EF) U-531
24	POLE VAULT - RUN WAY AND BOX	(I) U-531
25	COMBOX- SEE ALSO ELECTRICAL PLANS	(D) U-512
26	WATER CANNON- SEE ALSO IRRIGATION PLANS	(A) U-552
27	DISCUS CAGE AND PAD	(K) U-531
28	SHOT PUT CIRCLE AND CAGE	(L) U-531
29	5 ROW BLEACHER - REFER TO SPECIFICATIONS	(G) U-513
30	CONCRETE SWALE	(G) U-513
31	DRINKING FOUNTAIN	(M,N) U-112
32	CONCESSION AND RESTROOM BUILDING- REFER TO ARCHITECTURAL PLANS	
33	TICKET BOOTH- REFER TO ARCHITECTURAL PLANS	
34	FIRE HYDRANT	(F) U-513
35	CONCRETE STAIRS	(A,B) U-523
36	STAIR HANDRAIL	(C) U-523
37	18" SEAT WALL	(E) U-523
38	TRACK EVENT CHART	(D) U-532
39	RULES SIGN	(I) U-532
40	TOW AWAY SIGN	(I) U-112
41	FOUL POLE @ JV SOFTBALL FIELD	(F) U-533
42	ADA PARKING STALLS - AREA 1	(A) U-112
43	ADA PARKING STALLS - AREA 2	(B) U-112
44	ADA PARKING STALLS - AREA 3	(C) U-112
45	CURB RAMP- AREA 1	(K) U-112
46	CURB RAMP- AREA 2	(L) U-112
47	BENCH, REFER TO SPECIFICATIONS	
48	TENNIS COURT FENCE ELEVATION	(A) U-533
49	TENNIS COURT NET AND POSTS	(B) U-533
50	TENNIS STRIPING	(C) U-533
51	ELECTRICAL SWITCHGEAR PAD, REFER TO ELECTRICAL PLANS	
52	IRRIGATION EQUIPMENT ENCLOSURE	(A) U-551
53	PEDESTRIAN RAMP	(J) U-112
54	EXISTING GYMNASIUM MODIFICATIONS- REFER TO ACC1 & ACC2	

MATERIAL NOTES		
1.	THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.	
2.	THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.	
3.	ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.	
4.	CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.	
5.	ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.	
6.	ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.	

MATERIAL LEGEND		
SYM	DESCRIPTION	DTL REF
	LIMIT OF WORK	
	SYNTHETIC TURF WITH BROCK PAD	(P) U-521
	ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT)	(J) U-521
	ASPHALT PAVING - VEHICULAR	(E) U-521
	ASPHALT PAVING - PEDESTRIAN	(E) U-521
	ASPHALT PAVING - NO CHEMICAL TREATMENT	(F) U-521
	CONCRETE PAVING- CHEMICALLY TREATED (PEDESTRIAN)	(A) U-521
	CONCRETE PAVING- CHEMICALLY TREATED (VEHICULAR)	(A) U-521
	CONCRETE PAVING- NO CHEMICAL TREATMENT (PEDESTRIAN)	(C) U-521
	STABILIZED DECOMPOSED GRANITE	(K) U-521
	TRUNCATED DOMES	(F) U-112
	TENNIS COURT SURFACING	(D) U-533
	INFIELD / WARNING TRACK FINES	(L) U-521
	FRENCH DRAIN AT TENNIS COURT	(G) U-512
	GRAVEL PAVER- REFER TO SPECIFICATIONS	
	EXPANSION JOINT SCORE JOINT	(B) U-521
	42" TALL CHAIN LINK FENCE	(D) U-541
	6" TALL CHAIN LINK FENCE	(E) U-541
	STADIUM ENTRY	(B) U-542
	8" TALL CHAIN LINK FENCE	(F) U-541
	12" TALL CHAIN LINK FENCE	(G) U-541
	8" TALL PROTECTIVE NETTING OVER 12" TALL CHAIN LINK FENCE	(P) U-541
	HEADERBOARD AT SHOT PUT CURB	(K,L) U-522
	HEADERBOARD	(D) U-552
	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512	
	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
	EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4	
51	42" X 4' SWING GATE - ACCESSIBLE	(I) U-541
52a	42" TALL X 12' WIDE DOUBLE SWING GATE	(J) U-541
52b	42" TALL X 20' WIDE DOUBLE SWING GATE	(J) U-541
53	6" TALL X 4' WIDE SWING GATE	(K) U-541
54	6" TALL X 12' WIDE DOUBLE SWING GATE	(M) U-541
55	6" TALL DOUBLE SLIDING GATE	(C) U-549
56	8" TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE	(A) U-542
57	8" TALL X 4' WIDE SWING GATE	(L) U-541
58	8" TALL X 12' WIDE DOUBLE SWING GATE	(N) U-541
59	8" TALL X 4' SWING GATE WITH TRANSOM AND WINDSCREEN	(O) U-541
1	LIFT STATION	(A) U-516
2	CURB AND GUTTER	(M) U-522
3	EDGE BAND AT SLIDING GATE	(E) U-522
4	DOWNSPOUT CONNECTION	(E) U-513
5	12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING	(J) U-522
6	12" WIDE TALL CURB WITH FENCE @ TENNIS	(J) U-522
7	6" EDGE BAND	(B) U-522

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118588 INC.
REVIEWED FOR
SS FLS ACS
DATE: 01/20/2021

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd. Suite 140
Folsom, CA 95630
Tel: 916-415-6554
Fax: 916-415-6525
www.VerdeDesignInc.com

STAMP

CONSULTANT

SHEET TITLE
**MATERIAL AND
DETAIL REFERENCE PLAN -
STADIUM ENTRY WAY
AND WALK**

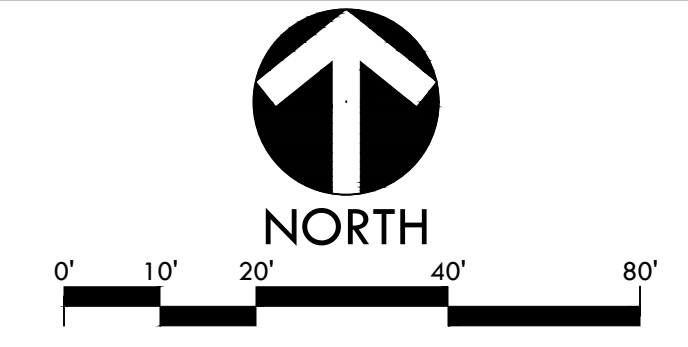
PROJECT NAME
**MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS**

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

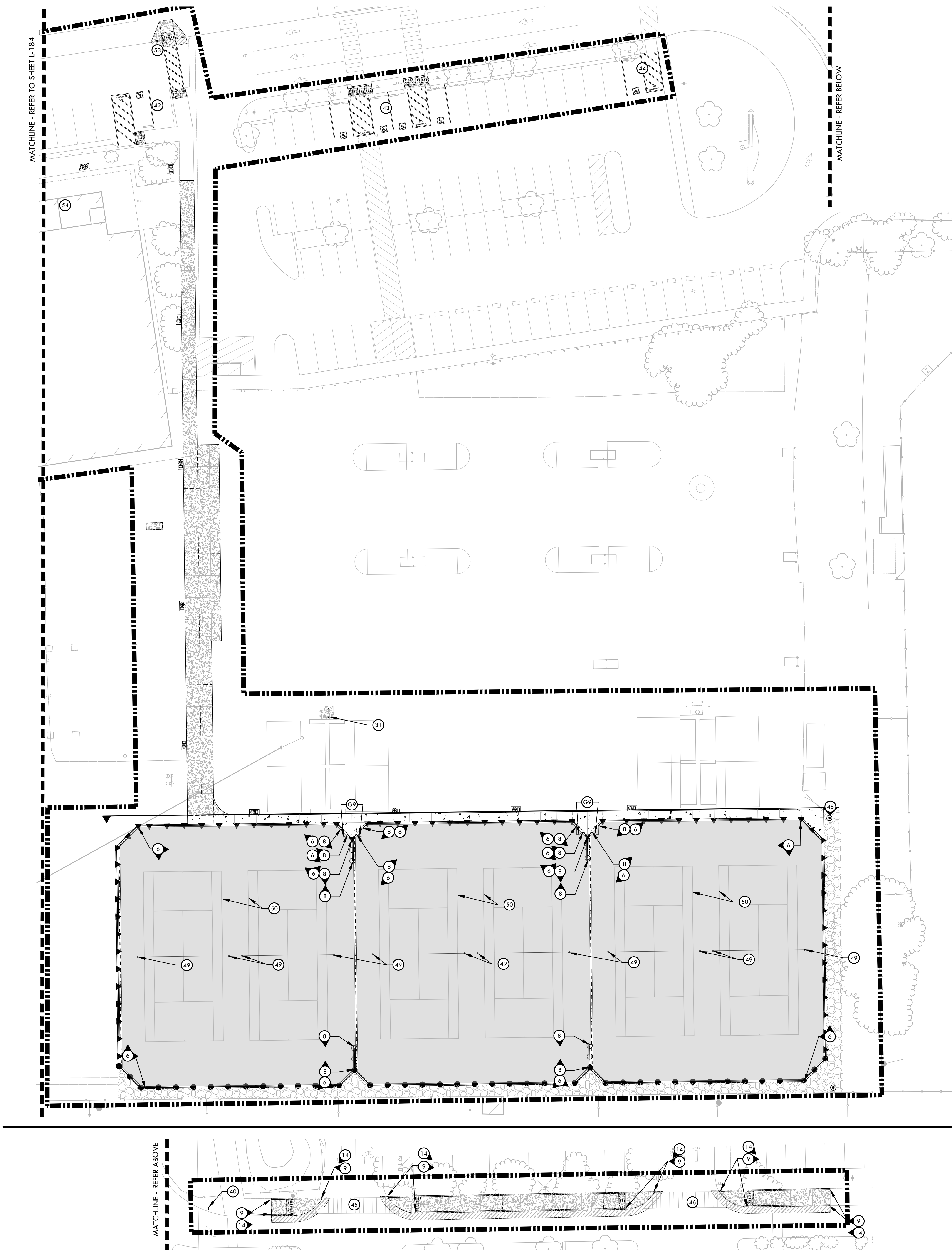
NO.	REVISIONS	DATE

DRAWN BY AL	CHECKED BY CS/MB
DATE ISSUED 01/20/2021	SCALE 1" = 20'-0"
PROJ. NO. 1819500	
SHEET NO. L-184	



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MATERIAL LEGEND - CONT.

SYM	DESCRIPTION	DTL REF
8	12" WIDE EDGE BAND WITH FENCE	(D) U-522
9	6" CURB	(G) U-523
10	6" WIDE TALL CURB	(H) U-522
11	6" SHOT PUT CURB	(L) U-522
12	12" SHOT PUT CURB	(K) U-522
13	12" WIDE TALL CURB	(I) U-522
14	ASPHALT PATCH	(G) U-521
15	MIDFIELD LOGO	(C) U-531
16	END ZONE LETTERING	(D) U-531
17	FOOTBALL FIELD STRIPING	(A) U-531
18	70 YARD x 116 YARD SOCCER FIELD STRIPING	(B) U-531
19	SOCCER GOAL SAFETY BOX	(B) U-532
20	ACCESS KIT/GOAL POST MOUNT	(A) U-532
21	SCOREBOARD - REFER TO STRUCTURAL, ELECTRICAL DRAWINGS, AND SPECIFICATIONS	(3) S6.00
22	FLAG POLE	(1) S6.00
23	LONG / TRIPLE JUMP WITH SAND PITS AND SAND CATCHERS	(E,F) U-531
24	POLE VAULT - RUN WAY AND BOX	(I) U-531
25	COMBOX- SEE ALSO ELECTRICAL PLANS	(D) U-512
26	WATER CANNON- SEE ALSO IRRIGATION PLANS	(A) U-552
27	DISCUS CAGE AND PAD	(K) U-531
28	SHOT PUT CIRCLE AND CAGE	(L) U-531
29	5 ROW BLEACHER - REFER TO SPECIFICATIONS	(G) U-513
30	CONCRETE SWALE	(G) U-513
31	DRINKING FOUNTAIN	(M,N) U-112
32	CONCESSION AND RESTROOM BUILDING- REFER TO ARCHITECTURAL PLANS	
33	TICKET BOOTH- REFER TO ARCHITECTURAL PLANS	
34	FIRE HYDRANT	(F) U-513
35	CONCRETE STAIRS	(A,B) U-523
36	STAIR HANDRAIL	(C) U-523
37	18" SEAT WALL	(E) U-523
38	TRACK EVENT CHART	(D) U-532
39	RULES SIGN	(I) U-523
40	TOW AWAY SIGN	(I) U-112
41	FOUL POLE @ JV SOFTBALL FIELD	(F) U-533
42	ADA PARKING STALLS - AREA 1	(A) U-112
43	ADA PARKING STALLS - AREA 2	(B) U-112
44	ADA PARKING STALLS - AREA 3	(C) U-112
45	CURB RAMP - AREA 1	(K) U-112
46	CURB RAMP - AREA 2	(L) U-112
47	BENCH, REFER TO SPECIFICATIONS	(53)
48	TENNIS COURT FENCE ELEVATION	(A) U-533
49	TENNIS COURT NET AND POSTS	(B) U-533
50	TENNIS STRIPING	(C) U-533
51	ELECTRICAL SWITCHGEAR PAD, REFER TO ELECTRICAL PLANS	(57)
52	IRRIGATION EQUIPMENT ENCLOSURE	(A) U-551
53	PEDESTRIAN RAMP	(J) U-112
54	EXISTING GYMNASIUM MODIFICATIONS- REFER TO ACC1 & ACC2	

MATERIAL NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
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- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

SYM	DESCRIPTION	DTL REF
(LIMIT OF WORK)	LIMIT OF WORK	
(SYNTHETIC TURF WITH BROCK PAD)	SYNTHETIC TURF WITH BROCK PAD	(P) U-533
(ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT))	ALL-WEATHER TRACK SURFACING (WITH PEDESTRIAN ASPHALT)	(J) U-521
(ASPHALT PAVING - VEHICULAR)	ASPHALT PAVING - VEHICULAR	(E) U-521
(ASPHALT PAVING - PEDESTRIAN)	ASPHALT PAVING - PEDESTRIAN	(E) U-521
(ASPHALT PAVING - NO CHEMICAL TREATMENT)	ASPHALT PAVING - NO CHEMICAL TREATMENT	(F) U-521
(CONCRETE PAVING - CHEMICALLY TREATED (PEDESTRIAN))	CONCRETE PAVING - CHEMICALLY TREATED (PEDESTRIAN)	(A) U-521
(CONCRETE PAVING - CHEMICALLY TREATED (VEHICULAR))	CONCRETE PAVING - CHEMICALLY TREATED (VEHICULAR)	(A) U-521
(CONCRETE PAVING - NO CHEMICAL TREATMENT (PEDESTRIAN))	CONCRETE PAVING - NO CHEMICAL TREATMENT (PEDESTRIAN)	(C) U-521
(STABILIZED DECOMPOSED GRANITE)	STABILIZED DECOMPOSED GRANITE	(K) U-521
(TRUNCATED DOMES)	TRUNCATED DOMES	(F) U-112
(TENNIS COURT SURFACING)	TENNIS COURT SURFACING	(D) U-533
(INFIELD / WARNING TRACK FINES)	INFIELD / WARNING TRACK FINES	(L) U-521
(FRENCH DRAIN AT TENNIS COURT)	FRENCH DRAIN AT TENNIS COURT	(G) U-512
(GRAVEL PAVER- REFER TO SPECIFICATIONS)	GRAVEL PAVER- REFER TO SPECIFICATIONS	
(EXPANSION JOINT SCORE JOINT)	EXPANSION JOINT SCORE JOINT	(B) U-521
(42" TALL CHAIN LINK FENCE)	42" TALL CHAIN LINK FENCE	(D) U-541
(6" TALL CHAIN LINK FENCE)	6" TALL CHAIN LINK FENCE	(E) U-541
(STADIUM ENTRY)	STADIUM ENTRY	(B) U-542
(8" TALL CHAIN LINK FENCE)	8" TALL CHAIN LINK FENCE	(F) U-541
(12" TALL CHAIN LINK FENCE)	12" TALL CHAIN LINK FENCE	(G) U-541
(8" TALL PROTECTIVE NETTING OVER 12" TALL CHAIN LINK FENCE)	8" TALL PROTECTIVE NETTING OVER 12" TALL CHAIN LINK FENCE	(P) U-541
(HEADERBOARD AT SHOT PUT CURB)	HEADERBOARD AT SHOT PUT CURB	(K,L) U-522
(HEADERBOARD)	HEADERBOARD	(D) U-552
(TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512)	TRENCH DRAIN INSIDE TRACK - REFER TO DETAIL B, SHEET L-512	
(TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512)	TRENCH DRAIN OUTSIDE TRACK - REFER TO DETAIL A, SHEET L-512	
(EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4)	EGRESS LIGHTING PULL BOX (NO LIGHTING INSTALLED)- REFER TO ELECTRICAL PLAN E1.4	
(42" X 4' SWING GATE - ACCESSIBLE)	42" X 4' SWING GATE - ACCESSIBLE	(I) U-541
(42" TALL X 12' WIDE DOUBLE SWING GATE)	42" TALL X 12' WIDE DOUBLE SWING GATE	(J) U-541
(42" TALL X 20' WIDE DOUBLE SWING GATE)	42" TALL X 20' WIDE DOUBLE SWING GATE	(J) U-541
(6" TALL X 4' WIDE SWING GATE)	6" TALL X 4' WIDE SWING GATE	(K) U-541
(6" TALL X 12' WIDE DOUBLE SWING GATE)	6" TALL X 12' WIDE DOUBLE SWING GATE	(H) U-541
(6" TALL DOUBLE SLIDING GATE)	6" TALL DOUBLE SLIDING GATE	(C) U-541
(8" TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE)	8" TALL X 4' WIDE SWING GATE - WITH PANIC HARDWARE	(A) U-542
(8" TALL X 4' WIDE SWING GATE)	8" TALL X 4' WIDE SWING GATE	(L) U-541
(8" TALL X 12' WIDE DOUBLE SWING GATE)	8" TALL X 12' WIDE DOUBLE SWING GATE	(N) U-541
(8" TALL X 4' WIDE SWING GATE WITH TRANSOM AND WINDSCREEN)	8" TALL X 4' WIDE SWING GATE WITH TRANSOM AND WINDSCREEN	(O) U-541
(1) LIFT STATION	LIFT STATION	(A) U-516
(2) CURB AND GUTTER	CURB AND GUTTER	(M) U-522
(3) EDGE BAND AT SLIDING GATE	EDGE BAND AT SLIDING GATE	(E) U-522
(4) DOWNSPOUT CONNECTION	DOWNSPOUT CONNECTION	(E) U-513
(5) 12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING	12" WIDE EDGE BAND WITH ALL-WEATHER TRACK SURFACING	(F) U-522
(6) 12" WIDE TALL CURB WITH FENCE @ TENNIS	12" WIDE TALL CURB WITH FENCE @ TENNIS	(J) U-522
(7) 6" EDGE BAND	6" EDGE BAND	(B) U-522

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-118588 INC.
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 SS FLS ACS
 DATE: 01/20/2021

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd, Suite 140
 Folsom, CA 95630
 Tel: 916-415-6554
 Fax: 916-415-6555
 www.VerdeDesign.com

STAMP

 REGISTERED LANDSCAPE ARCHITECT
 MIKE BARKLEY
 No. 4082
 EXPIRATION DATE
 JULY 2021
 STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE
**MATERIAL AND
 DETAIL REFERENCE
 PLAN - TENNIS**

PROJECT NAME
**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL	DATE
50% SUBMITTAL	08/13/2020
DSA SUBMITTAL	10/15/2020
DSA BACKCHECK SUBMITTAL	01/20/2021

NO.	REVISIONS	DATE

DRAWN BY: AL
 CHECKED BY: CS/MB
 DATE ISSUED: 01/20/2021
 SCALE: 1" = 20'-0"
 PROJ. NO.: 1819500
 SHEET NO.: **L-185**

