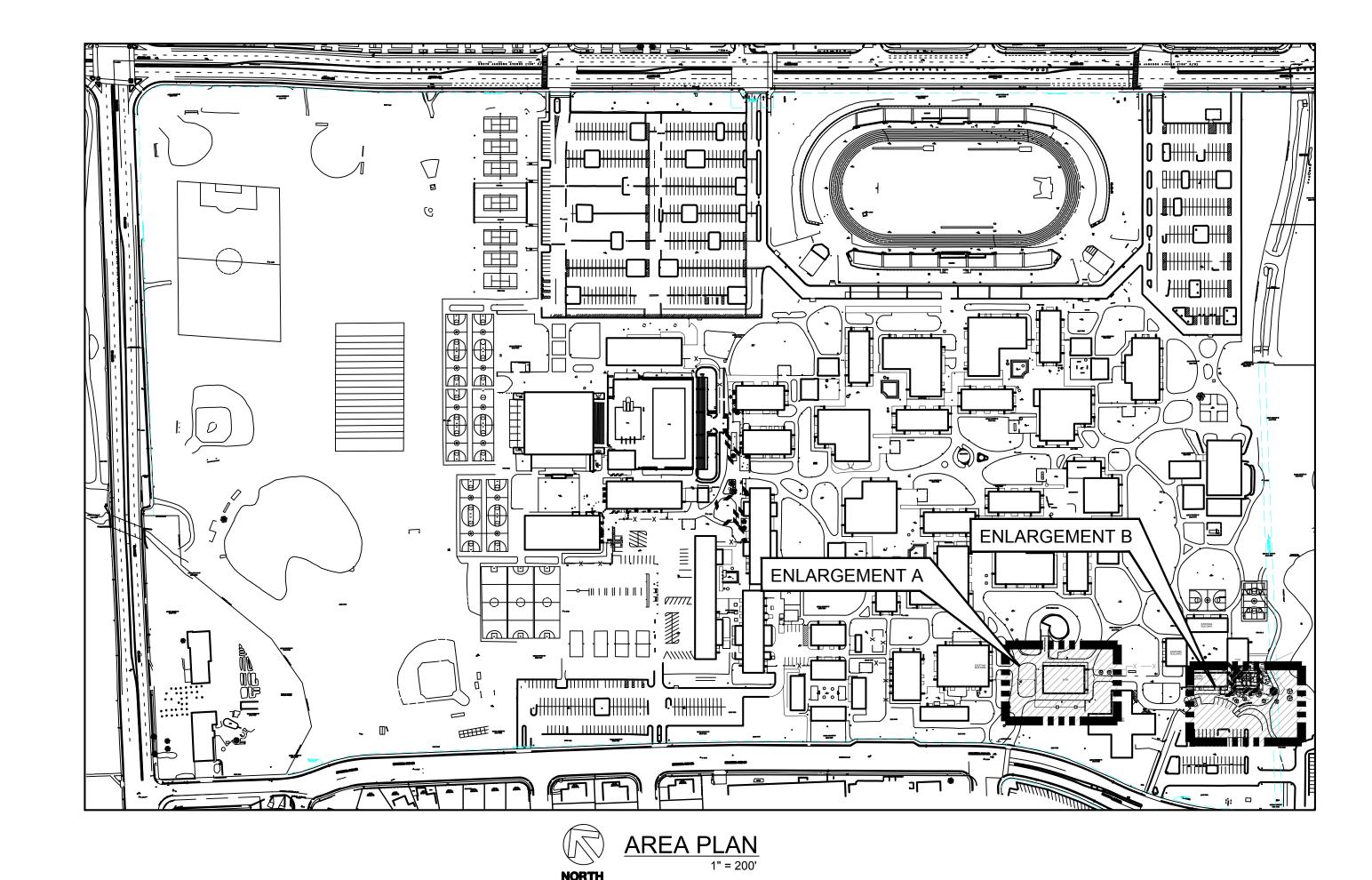
# EAST SIDE UNION HIGH SCHOOL DISTRICT EXTERIOR COURT & FENCING PROJECT INDEPENDENCE HIGH SCHOOL PROJECT NO. Z-065-603



SHEET INDEX				
SHEET No.	SHEET TITLE			
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E0.1	E0.1 SYMBOLS, NOTES AND DETAILS			
E1.1	E1.1 ELECTRICAL SITE PLAN			

# NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL TESTING THAT MAY BE REQUIRED TO LEGALLY DISPOSE OF EXCESS MATERIAL..
- 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS & CONTRACT DOCUMENTS. WORK NOT COMPLYING WITH PLANS & CONTRACT DOCUMENTS WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.
- 3. THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND LEAVE WORK AREA CLEAN DAILY.
- 4. ALL MATERIALS AND WORKMANSHIP ARE SUBJECT TO REVIEW BY OWNER. ANY PORTION OF THE WORK DEFECTIVE SHALL BE REPLACED BY THE CONTRACTOR AS PART OF THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
- 5. ABSOLUTE ACCURACY OF DRAWING CAN NOT BE GUARANTEED. WHILE EVERY EFFORT HAS BEEN MADE TO COORDINATE THE LOCATION OF THE EXISTING EQUIPMENT, PIPING, ETC. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB CONDITIONS.
- 6. AREAS NOT IN SCOPE OF WORK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE EXISTING CONDITION AT THE CONTRACTORS EXPENSE.
- 7. PROTECT EXISTING BUILDING STRUCTURES, AND ADJACENT FINISHED SURFACES DURING CONSTRUCTION. PATCH, REPAIR AND REFINISH AREAS DAMAGED OR IMPACTED BY WORK DURING THIS PROJECT TO MATCH ADJACENT UNDISTURBED AREAS. PATCHING, REPAIRING AND REFINISHING IS TO BE PERFORMED BY WORKMEN SKILLED IN THE TRADES INVOLVED.
- 8. CONTRACTOR SHALL HAVE LOCATING SERVICE VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW AND ADDRESS ANY UTILITIES CONFLICTING WITH THE SCOPE OF WORK
- 9. UTILITY BOXES IN CONSTRUCTION AREAS SHALL BE REUSED AND ADJUSTED TO FINISHED GRADE. IF BOXES ARE NOT REUSABLE, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO REMOVAL.
- 10. ANY AND ALL IRRIGATION LINES AND SPRINKLERS IN WORK AREA SHALL BE RELOCATED OUTSIDE LIMITS OF NEW BASKETBALL COURT AREA.

Pavement Engineering Ir



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DEPENDENCE HIGH SCHOO

EXTERIOR COURT & FENCING PROJECT

TITLE PAGE

FINAL PLANS
FOR
CONSTRUCTION



DRAWN BY:

TLS

PROJECT NUMBER:

180243\_01

SCALE:

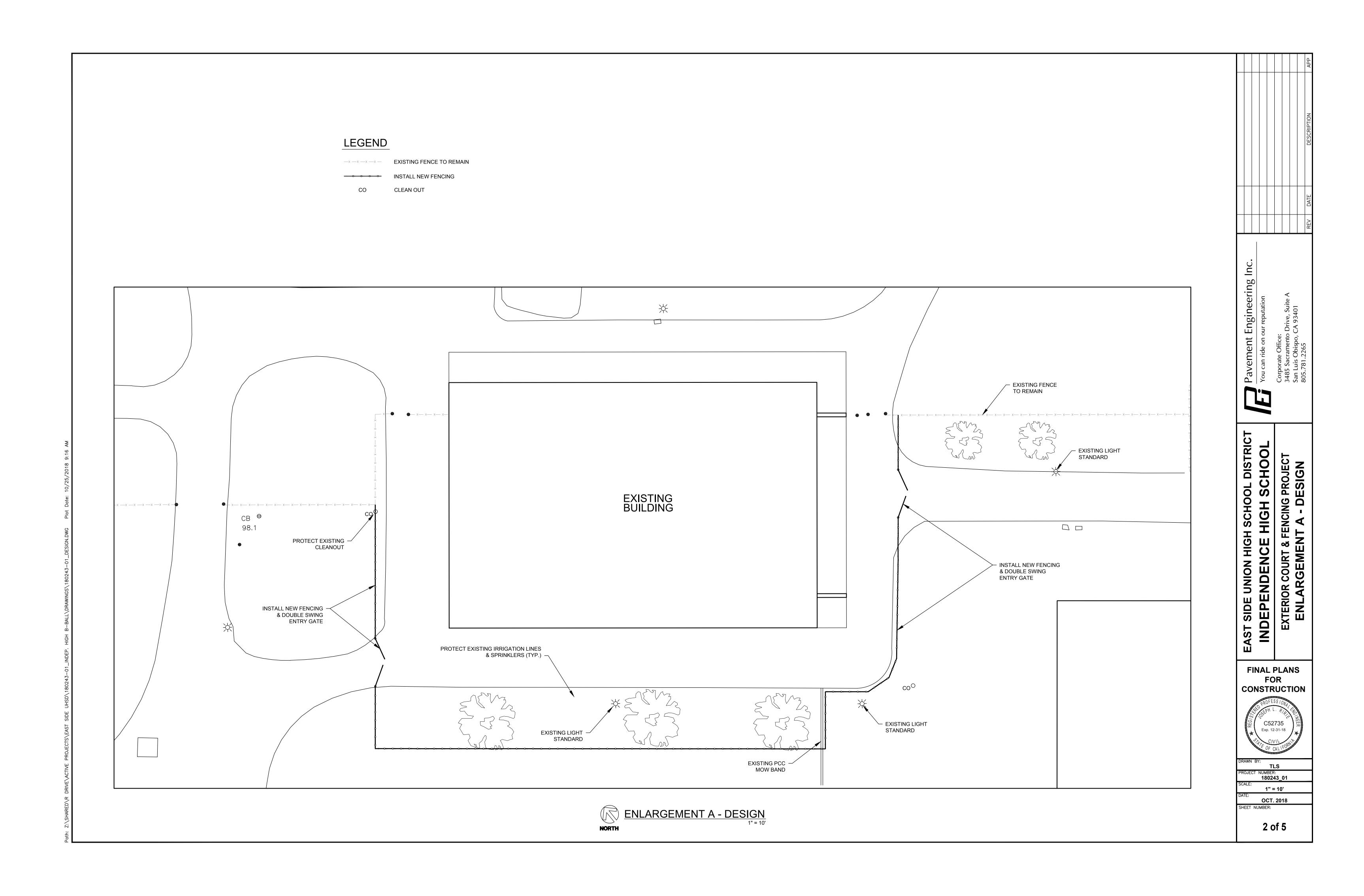
AS SHOWN

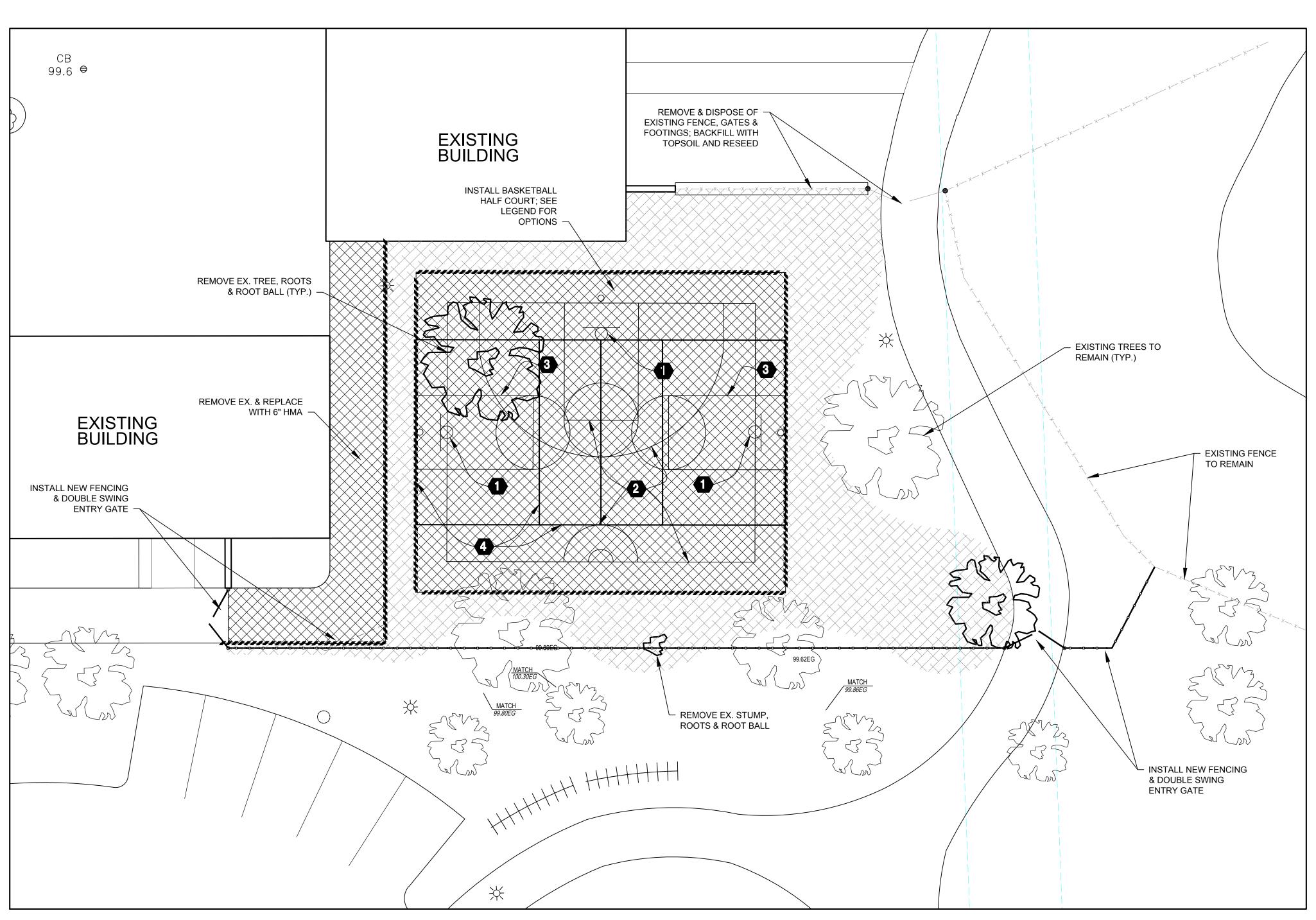
DATE:

OCT. 2018

SHEET NUMBER:

1 of 5





## LEGEND

EXCAVATE & REMOVE EX. VEGETATION & SOIL TO REQUIRED DEPTH; PLACE 2" TOP SOIL & RESEED

REMOVE EX. & INSTALL 6" FULL DEPTH HMA EXISTING FENCE TO REMAIN

— INSTALL NEW FENCING

REMOVE & REPLACE (OR) INSTALL REDWOOD HEADERBOARD

CLEAN OUT

DROP INLET

ELECTRICAL BOX

MAN HOLE

GAS VALVE

SCO SEWER CLEANOUT

WATER VALVE

INSTALL STEELCRAFT PRODUCTS MODEL NO. 12044 W/RECTANGULAR SHAPE EXTENSION BASKETBALL POST & STEELCRAFT PRODUCTS MODEL NO. -09X, DELUXE FIBERGLASS BACKBOARD (SHORT), PER THE MANUFACTURES RECOMMENDATIONS

STRIPE VOLLEYBALL COURT WITH GREEN PAINT

STRIPE MAIN COURT WITH YELLOW PAINT

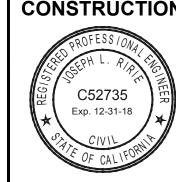
STRIPE SIDE COURTS WITH WHITE PAINT

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EXTERIOR COURT & FENCING PROJI ENLARGEMENT B - DESIG

EAST SIDE UNION HIGH SCHOOL DI INDEPENDENCE HIGH SCH

FINAL PLANS FOR CONSTRUCTION

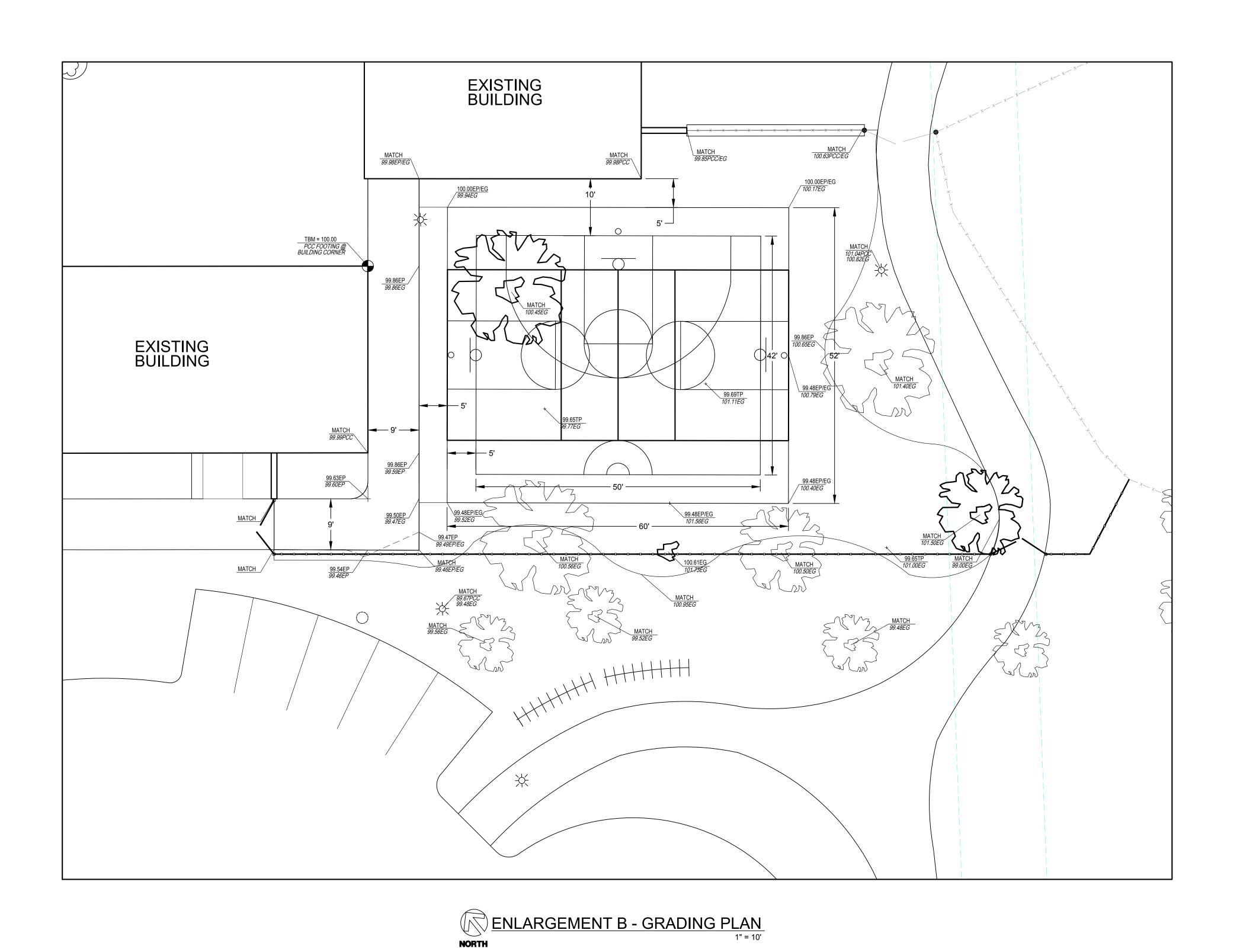


NUMBER: 180243\_01

1" = 10' OCT. 2018

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ENLARGEMENT B - DESIGN
1" = 10'



# **GRADING LEGEND**

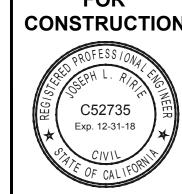
DESIGN ELEV. EXIST. ELEV. EXISTING GRADE EDGE OF PAVEMENT TOP OF PAVEMENT TEMPORARY BENCHMARK

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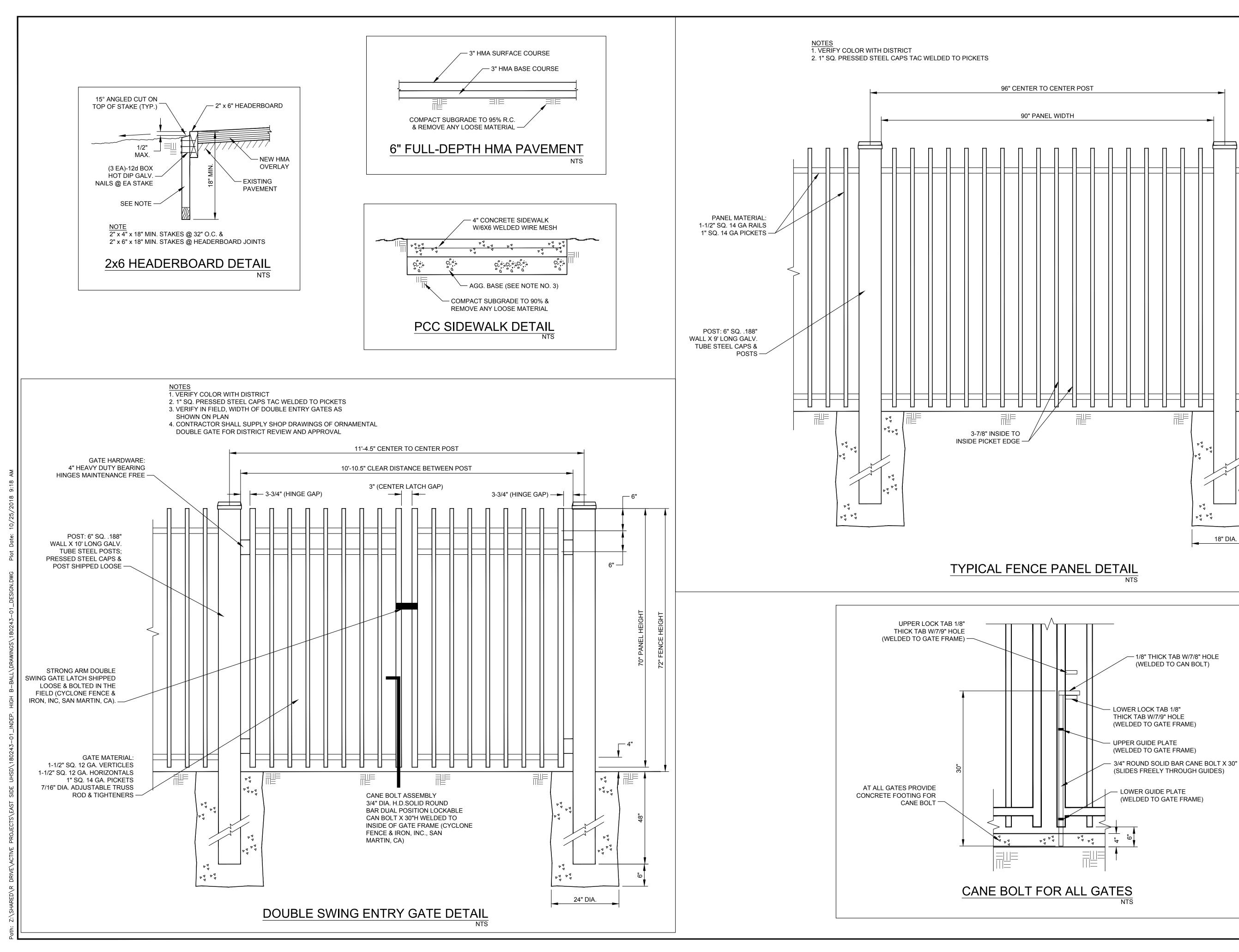
EAST SIDE UNION HIGH SCHOOL DISTRICT
INDEPENDENCE HIGH SCHOOL
EXTERIOR COURT & FENCING PROJECT
ENLARGEMENT B - GRADING PLAN

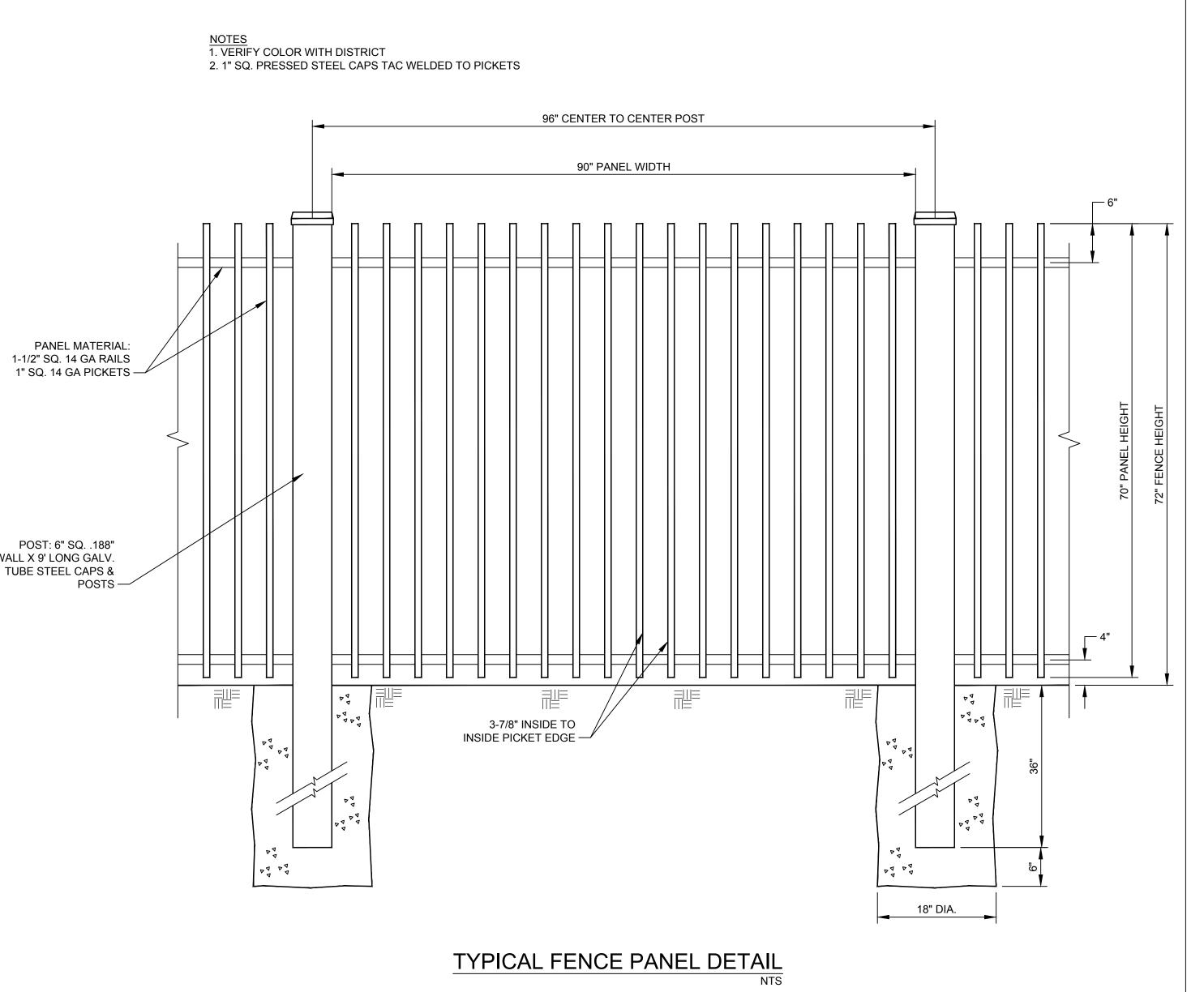
FINAL PLANS FOR CONSTRUCTION

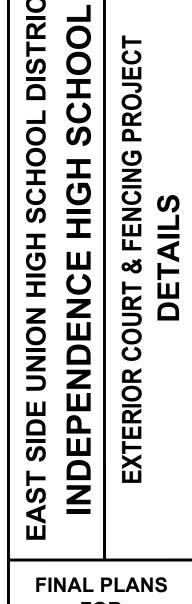


TLS NUMBER: 180243\_01 1" = 10' OCT. 2018
SHEET NUMBER:

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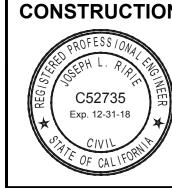






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**FINAL PLANS FOR** CONSTRUCTION



TLS 180243\_01 **AS SHOWN** OCT. 2018

SHEET NUMBER:

5 of 5

SHEET NOTE IDENTIFICATION TAG, SEE RESPECTIVE "SHEET NOTES"

ABBREVIATIONS A, AMPS AMPERES ALTERNATE CURRENT AMPERE FRAME ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERE INTERRUPTION CURRENT APP. **APPROXIMATE** ARCHITECT/ARCHITECTURAL ARCH AMERICAN WIRE GAUGE AWG BKBD BACKBOARD BREAKER CONDUIT CONDUIT ONLY COPPER DETAIL DIAMETER DIA DISC DISCONNECT (SWITCH) DWG DRAWING <E> **EXISTING** FIRE ALARM FACP FIRE ALARM CONTROL PANEL GROUND GFI GROUND FAULT INTERRUPTER KCMIL KILO CIRCULAR MILLS KILOVOLT-AMPERES KVA KILOWATTS KW MAX MAXIMUM MIN MINIMUM MLO MAIN LUGS ONLY MTD MOUNTED MOUNTING HEIGHT MTG. HT. MSB MAIN SWITCHBOARD NEUTRAL NOT IN CONTRACT NOT TO SCALE PH, ø PUBLIC ADDRESS PANEL <R> REMOVE <RE> RELOCATED EXISTING <RL> RELOCATE SYM **SYMMETRICAL** T, TEL TRANS, TELEPHONE TRANSFORMER TYPICAL UNLESS OTHERWISE NOTED UON VOLTS **VOLT-AMPERES** WEATHERPROOF

SCHOOL EQUIPMENT ANCHORAGE ALL ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2010 CBC, SECTIONS 1615A.1.12 THROUGH 1615A.1.22 AND ASCE 7-05 CHAPTER 6 AND 13. 1. ALL PERMANENT EQUIPMENT AND COMPONENTS. 2. TEMPORARY OR MOVABLE EQUIPMENT ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. 3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS. THE ATTACHMENT OF THE FOLLOWING ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL. FOR THESE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

> DRAWING INDEX E0.1 ELECTRICAL SYMBOLS, ABBREVIATIONS, NOTES AND DETAILS E1.1 ELECTRICAL PLANS

GENERAL NOTES

READ THE SPECIFICATIONS AND COMPLY WITH ALL REQUIREMENTS. THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR DURING EXECUTION THE WORK; HOWEVER, THEY DO NOT COVER ALL OF THE SPECIFICATION REQUIREMENTS.

ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT APPROVED EDITION OF THE CALIFORNIA ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.

ANY EQUIPMENT AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, UNUSED AND FREE

4. FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY SCHOOL DISTRICT REPRESENTATIVE, TENANT AND ARCHITECT/ENGINEER. INSTALLATION APPROVAL SHALL BE BASED ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.

5. ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK AND GENERAL LAYOUT. VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS AS REQUIRED.

BRANCH CIRCUIT RACEWAY SHALL BE A MINIMUM OF 3/4" ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED. RACEWAYS IN RAISED FLOOR OR IN PLENUM SPACE SHALL BE A MINIMUM OF 3/4" RIGID GALVANIZED STEEL (RGS) OR RIGID ALUMINUM (RAL) UNLESS OTHERWISE NOTED.

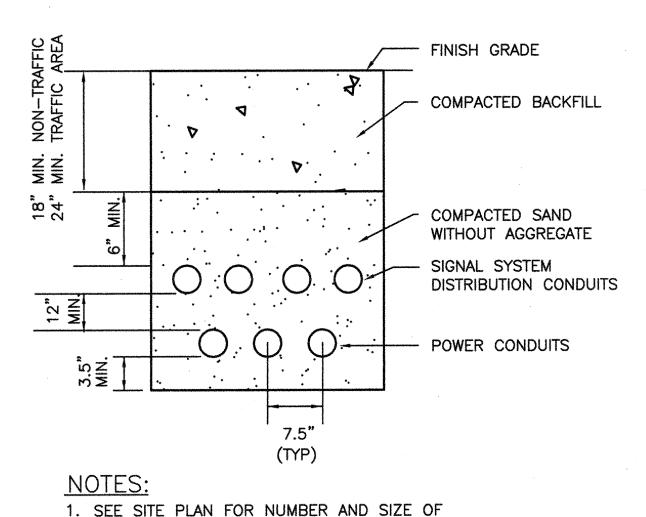
7. ALL CONDUCTORS SHALL BE #12 AWG MINIMUM TYPE THHN/THWN UNLESS NOTED OTHERWISE.

8. ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.

EXACT LOCATION OF ELECTRICAL DEVICES SHALL BE VERIFEID WITH THE ARCHITECT PRIOR TO

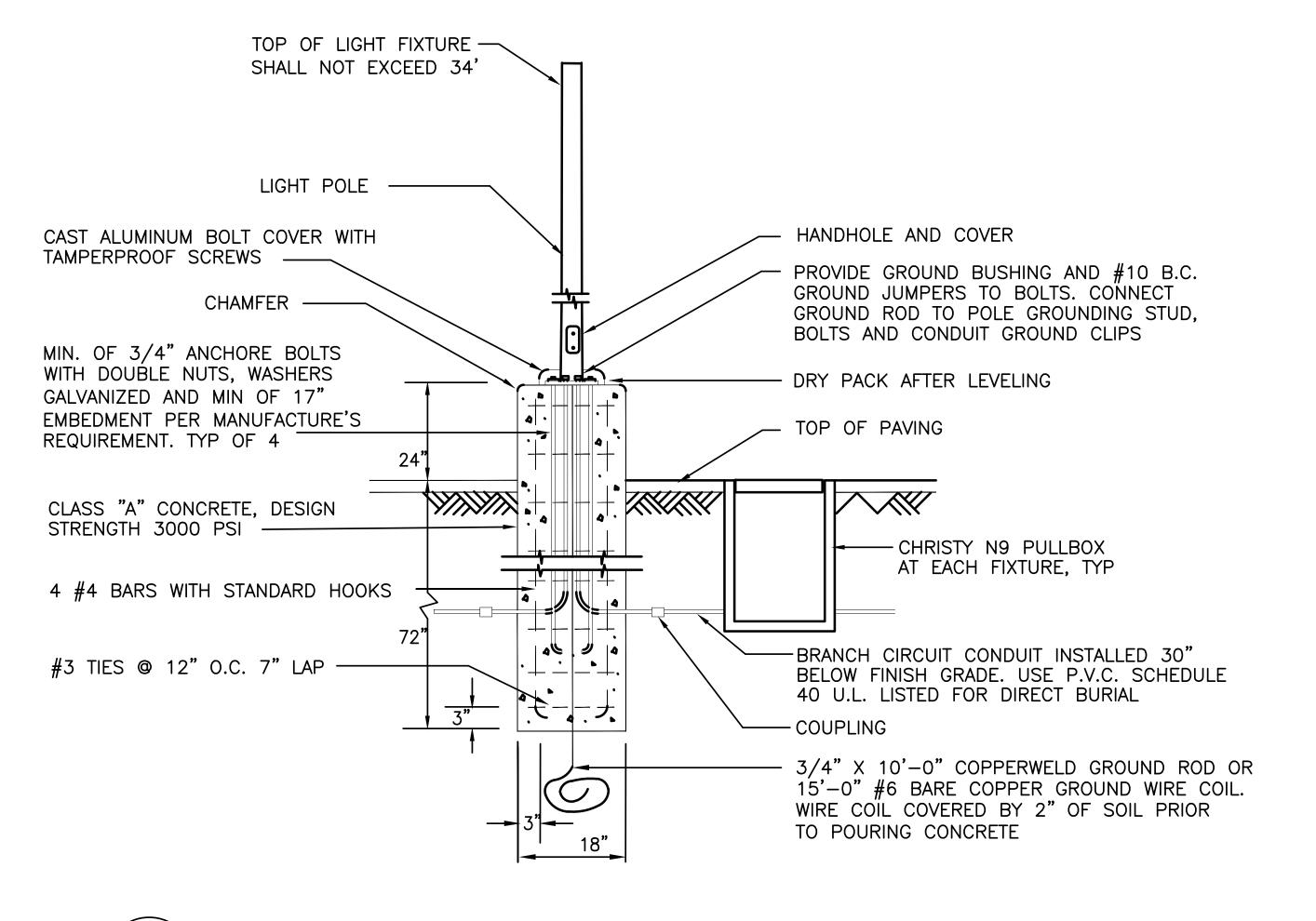
10. CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY AND MUST BE ADJUSTED IN THE FIELD TO CLEAR OTHER FACILITIES.

	Exterior Fixture Schedule							
Type	Sketch	Description	Finish	Manufacturer	Lamp			
		Type 2 Distribution						
	LUM 3	Housing: Aluminum injection						
AA LUM 1	LUN	Color Temperature: 3000K		Landscape Forms, Inc., 7800 E.				
	120.0° LUM 1	Drive Current: 500mA		Michigan Ave, Kalamazoo,				
		Optic: Flood	Black	Michigan 49048.				
	LUM 1	Lens: Clear or diffused tempered glass		Phone: (800) 521-2546. Fax (269)	18/36 Cree			
		Power Supply: 120V-277V  LUM 3  LED Driver: Philips Xitanium 40W/100W		381-3455. Website	XPG2 LEDs			
	lum 2			www.landscapeforms.com				
		Dimmable: 1-10V		E-mail:				
		IP Rating: IP66		specify@landscapeforms.com				
		Weight: 18 lbs (Luminaire Only) 18" Dia, Concrete base,						
		see detail 2/E0.1						



SEE SITE PLAN FOR NUMBER AND SIZE OF CONDUITS PER TRENCH.

TYPICAL TRENCH DETAIL



POLE MOUNTED FIXTURE DETAIL (NOTE: NOT PART OF DSA STRUCTURE REVIEW)

NCING 00 MOIL MODERNIZ GHKL

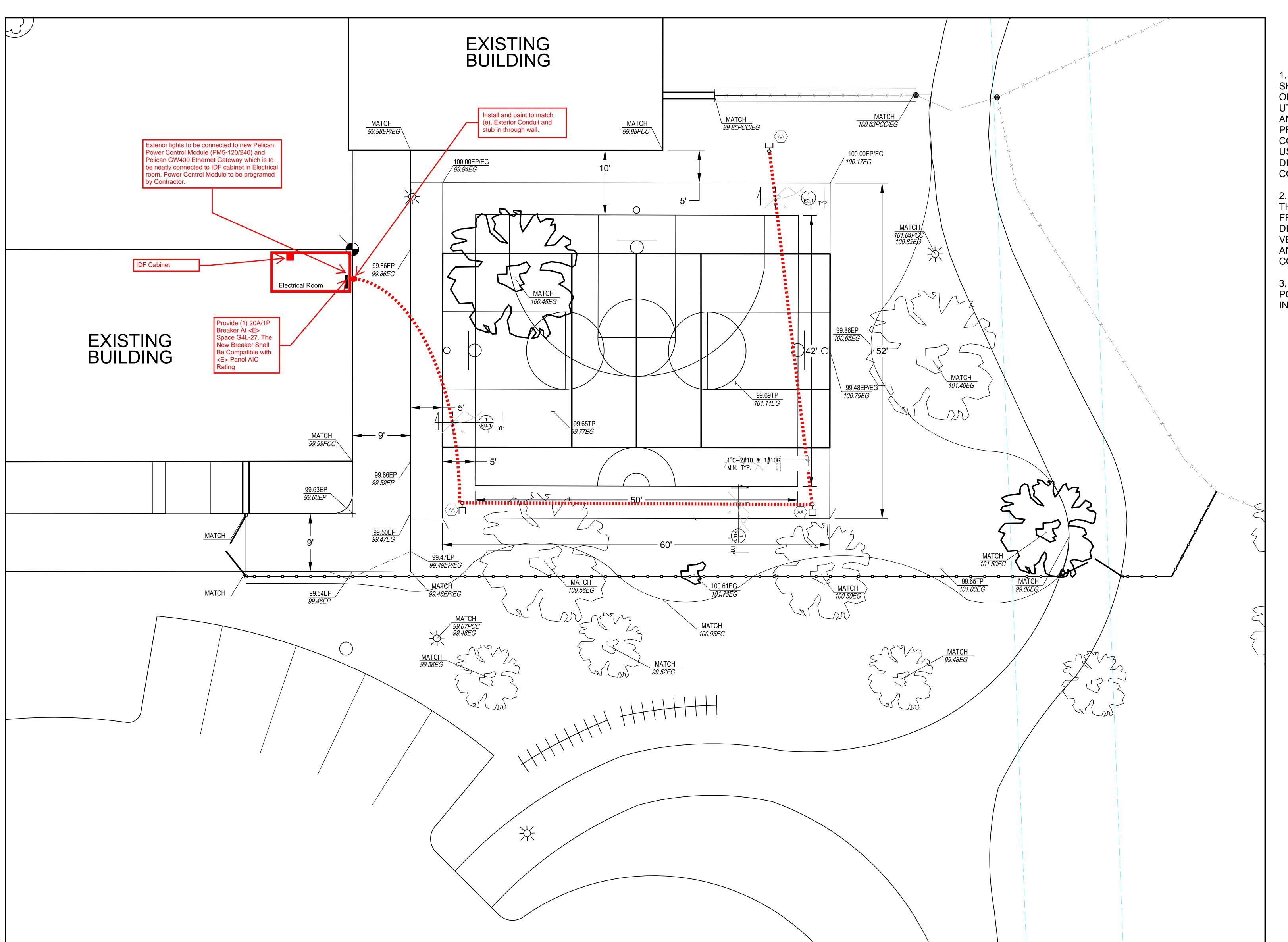
PROJECT#

**Z-065-603** 

B-07-18-19

DRAWING DATE 09/21/2018

ELECTRICAL SYMBOLS, NOTES AND DETAILS



# **General Notes:**

1. ELECTRICAL CONTRACTOR
SHALL BE RESPONSIBLE TO
OBTAIN AN INDEPENDENT
UTILITY LOCATOR TO POTHOLE
AND IDENTIFY ALL (E) UTILITIES
PRIOR TO TRENCHING/BORING.
CONTRACTOR SHALLMAXIMIZE
USAGE OF BORING TO MINIMIZE
DISTURBANCE OF (E) SITE
CONDITIONS.

2. (E) CONDITION SHOWN ON THIS DRAING WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS. CONTRACTOR SHALL VERIFY EXISITING CIRCUITRY AND VOLTAGE PRIOR TO COMMENCEMENT OF WORK.

3. VERIFY LOCATION OF LIGHT POLE BASES BEFORE INSTALLING.

PROJECT# Z-065-603

BID# B-07-18-19

**DRAWING DATE** 09/21/2018

E 1.1

SITE PLAN