

PLANS FOR CITY OF IDALOU 2025 MULTI-PURPOSE COURT IMPROVEMENTS AUGUST 2025

CITY OF IDALOU CITY COUNCIL

WILLIAM RUSS PERKINS - MAYOR

JOE SISK - MAYOR PRO - TEM

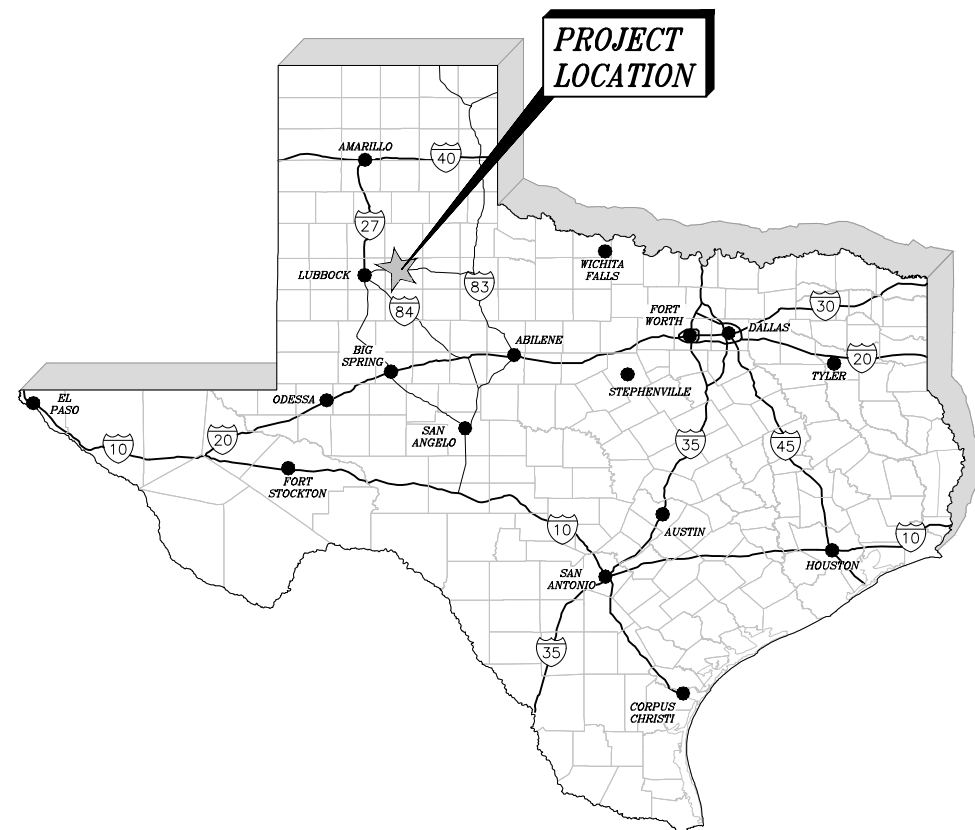
BRENDI PIERCE KYLE DUBOIS

DARRELL FULLER ALBERT BRAVO

RENEE WILBANKS - CITY SECRETARY

SUZETTE WILLIAMS - CITY ADMINISTRATOR

OSCAR RODRIQUEZ - PUBLIC WORKS DIRECTOR

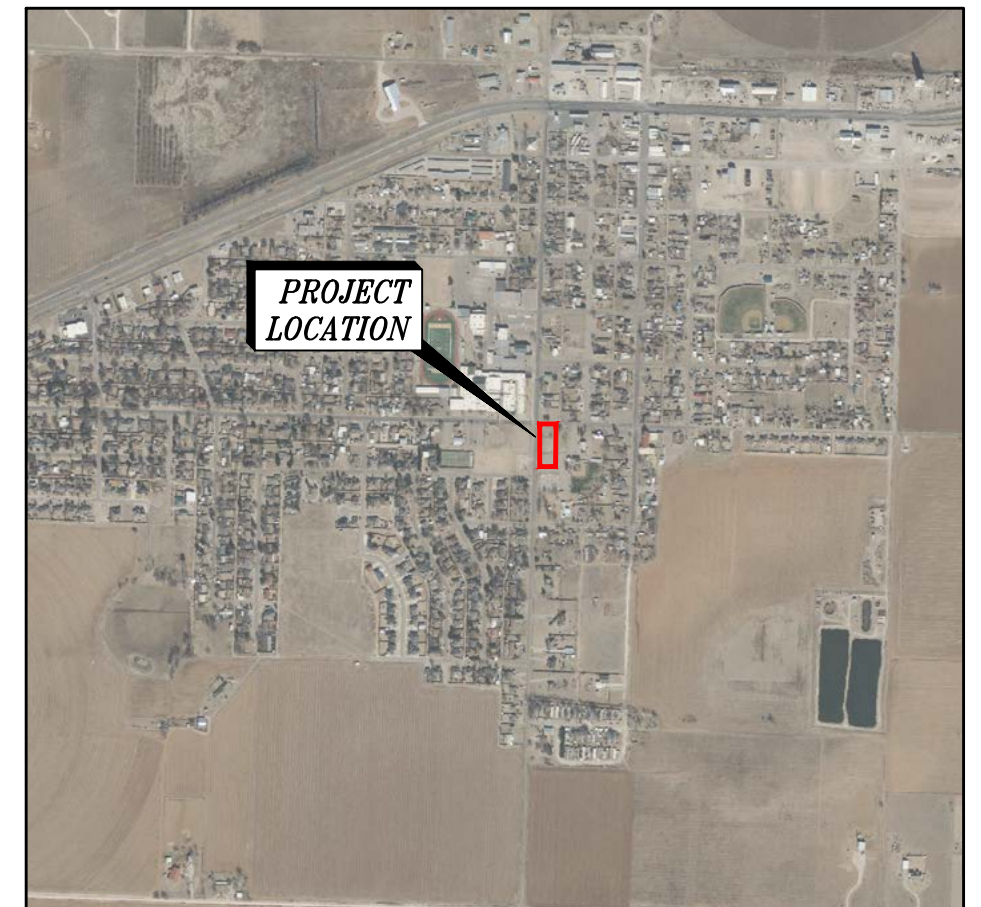


PROJECT VICINITY MAP

SCALE: 1"=1,000'



3465 CURRY LANE
ABILENE, TX 79606
325-695-1070
1508 SANTA FE DR, STE 204
WEATHERFORD, TX 76086
817-594-9880
4920 S. LOOP 289, STE 106
LUBBOCK, TX 79414
806-368-6375



PROJECT LOCATION MAP

N.T.S.



GENERAL NOTES






















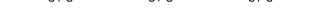


1. THE CONTRACTOR SHALL APPOINT, IN WRITING, A SUPERINTENDENT FOR THIS PROJECT. SAID SUPERINTENDENT SHALL BE HIRED BY THE CONTRACTOR AND BE FULLY RESPONDENT TO THE ADMINISTRATION OF THE CONTRACT. HE/SHE WILL BE ON THE PROJECT DAILY. SHOULD THIS SUPERINTENDENT LEAVE THE EMPLOYER OR MOVE TO ANOTHER PROJECT, THE CONTRACTOR IS TO APPOINT ANOTHER SUPERINTENDENT IMMEDIATELY. CONTRACTOR WILL PROVIDE 24HR PHONE NUMBER FOR SUPERINTENDENT IN CASE OF EMERGENCY.
2. THE CONTRACTOR WILL ENSURE THAT ALL EXISTING DRAINAGE WILL REMAIN UNALTERED UNLESS GRADES ARE SHOWN TO BE ADJUSTED AND OR DRAINAGE STRUCTURES ADDED OR ALTERED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL SURFACES DISTURBED TO A CONDITION THAT IS EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THIS INCLUDES (BUT IS NOT LIMITED TO) UTILITIES, PAVEMENT, CURBS, AND LANDSCAPE.
4. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY QUESTIONS THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT OR LIMITS OF THE DIMENSIONS OR GRADES NECESSARY FOR CONSTRUCTION OF THIS PROJECT. ENGINEER SHALL PROVIDE CONSTRUCTION STAKING FOR THE PROJECT.
5. CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITED TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRIC, DUCT BANKS, LANDSCAPING IRRIGATION FACILITIES AND GAS LINES, ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGES TO EXISTING UTILITIES SHALL BE AT THE CONTRACTORS SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THE PLANS OR NOT.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SW3P WITH INSPECTION REPORTS, AND THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS.
7. CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUM PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
8. ALL MARKERS, TRAFFIC CONTROL PLAN, AND OR OTHER TRAFFIC RELATED INCIDENTALS SHALL BE AS OUTLINED IN THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR IS REQUIRED TO CONTROL TRAFFIC BY FLAG MEN WHEN PLACING CONCRETE OR USING EQUIPMENT IN THE TRAFFIC AREAS. PAY FOR THIS WILL BE SUBSIDIARY TO THE TRAFFIC HANDLING ITEM. FLAG MEN SHALL HAVE A LEGAL STOP/SLOW PADDLE (STANDARD) OR RED FLAG (ALTERNATE) AND WEAR A REFLECTIVE VEST WHILE PERFORMING THIS WORK.
9. CONTRACTOR SHALL SUBMIT A SEQUENCE OF WORK PLAN AND A CONSTRUCTION SCHEDULE FOR APPROVAL AT THE PRE-CONSTRUCTION CONFERENCE. UPDATED CONSTRUCTION SCHEDULES WILL BE REQUIRED MONTHLY PRIOR TO PROGRESS PAYMENTS.
10. ALL WORK IS INTENDED TO TAKE PLACE WITHIN THE EXISTING CITY RIGHT-OF-WAY AND CITY OBTAINED EASEMENTS. ANY WORK NEEDED OUTSIDE THE RIGHT-OF-WAY WILL BE COORDINATED WITH THE CITY, COUNTY, AND ENGINEER PRIOR TO BEGINNING WORK.
11. CONTRACTOR TO DISPOSE OF EXCESS MATERIALS OFFSITE AT HIS OWN EXPENSE.
12. TESTING REQUIREMENTS

DESCRIPTION	TESTING REQUIREMENTS
HYDRAULIC CEMENT	ASTM C 143 - SLUMP, 1 TEST PER DAY OF CONCRETE POUR
	ASTM C 39 - COMPRESSIVE STRENGTH, 4 CYLINDERS PER DAY OF CONCRETE POUR
	ASTM C 1064 - TEMPERATURE, 1 TEST PER DAY OF CONCRETE POUR

THE ENGINEER MAY REQUIRE ADDITIONAL TESTING TO INSURE THE MATERIAL MEETS SPECIFICATIONS.

Sheet List	
Sheet Number	Sheet Title
00	COVER
01	GENERAL NOTES AND SHEET INDEX
02	DEMOLITION PLAN
03	PROPOSED SITE PLAN
04	PROPOSED GRADING PLAN
05	GENERAL DETAILS
06	GENERAL DETAILS (2)
07	GENERAL DETAILS (3)
08	COURT DETAIL
09	ELECTRICAL SITE PLAN (ALTERNATE BID)
10	ELECTRICAL RISER DIAGRAM AND SCHEDULES (ALTERNATE BID)
11	ELECTRICAL DETAILS (ALTERNATE BID)

LEGEND

	PROPOSED UTILITY EASEMENT
	PROPOSED STREET R.O.W.
	PROPOSED LOT LINES
	PROPOSED DRAINAGE EASEMENT
	PROPOSED PROPERTY BOUNDARY
	PROPOSED CONCRETE PAVING
	PROPOSED CURB AND GUTTER
	PROPOSED ASPHALT REPAIR
	EXISTING CONCRETE PAVEMENT
	PROPOSED FLOWLINE DIRECTION
	EXISTING MANHOLE
	EXISTING WATER METER
	EXISTING GAS METER
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING PHONE PEDESTAL
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING TREE
	EXISTING STREET R.O.W.
	EXISTING WATER LINE
	EXISTING CONTOUR LINE
	EXISTING FIBER OPTIC
	EXISTING OVERHEAD ELECTRIC

ABBREVIATIONS AND SYMBOLS

AE ACCESS EASEMENT	ER END RADIUS	ROW RIGHT-OF-WAY
BOC BACK OF CURB	FH FLE HYDRANT	S SLOPE
BR BEGIN RADIUS	FL FLOW LINE ELEVATION	SL SEWER LINE
C&G CURB & GUTTER	FO FIBER OPTIC LINE	SLE STREET LIGHT EASEMENT
CO CLEAN-OUT	MH SEWER MANHOLE	UE UTILITY EASEMENT
DE DRAINAGE EASEMENT	PE POLYETHYLENE	WL WATER LINE
EOP EDGE OF PAVING	PVC POLYVINYL CHLORIDE	WV WATER VALVE

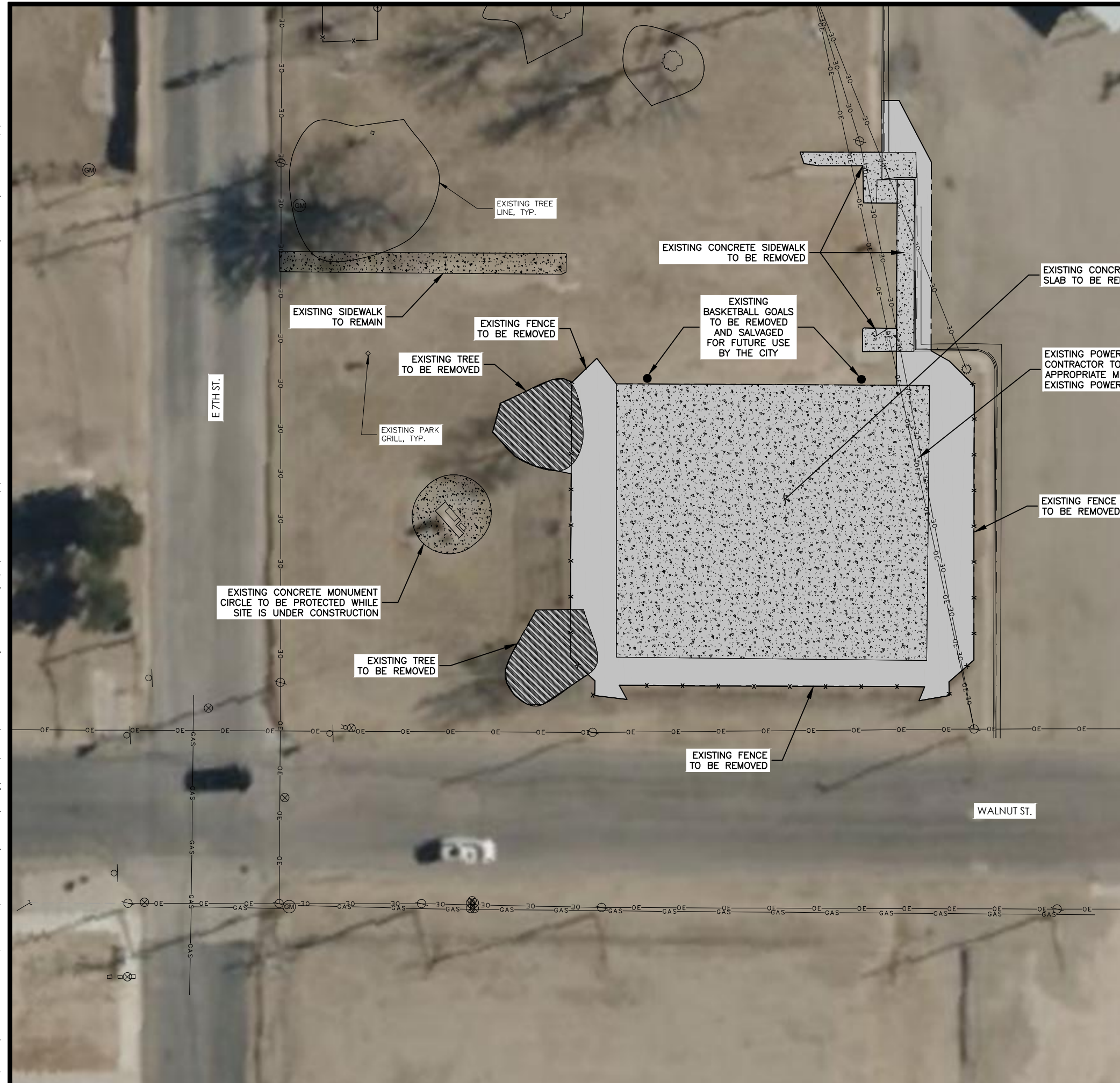
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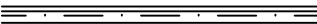















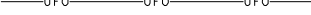

CITY OF IDALOU
2025 - MULTI-PURPOSE COURT
IMPROVEMENTS

GENERAL NOTES AND SHEET INDEX

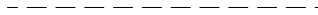
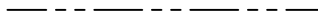

















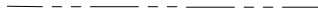




01 11	SEQ.		SHEET		DATE	
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	25285	N/T'S				



DEMOLITION LEGEND

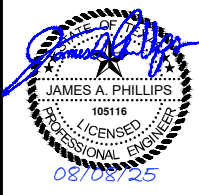
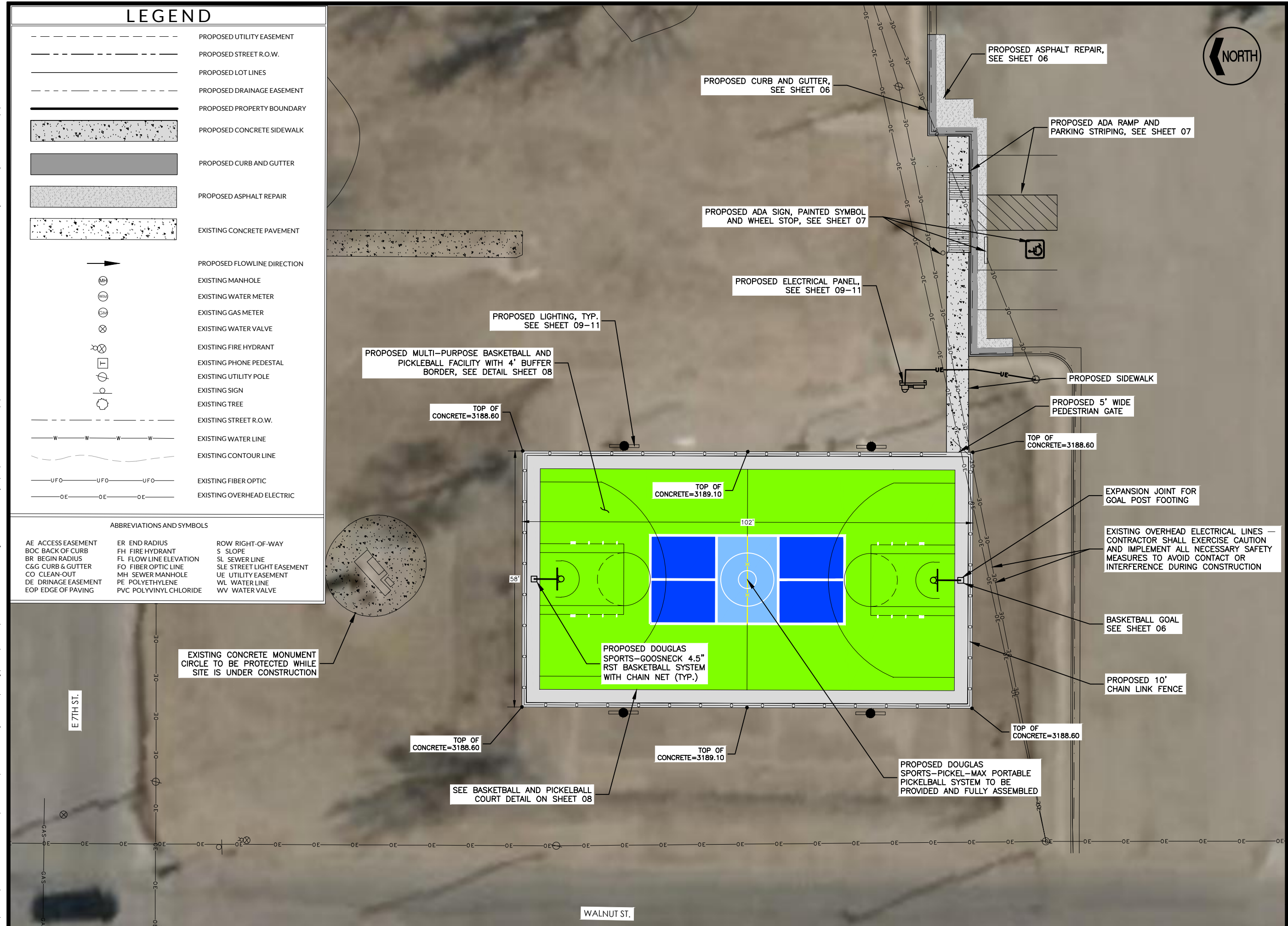
	EXISTING FENCE
	EXISTING CURB
	EXTENTS OF PROPOSED DEMOLITION
	EXISTING CONCRETE PAVEMENT
	PROPOSED FLOWLINE DIRECTION
	EXISTING MANHOLE
	EXISTING WATER METER
	EXISTING GAS METER
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING PHONE PEDESTAL
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING TREE
	EXISTING STREET R.O.W.
	EXISTING WATER LINE
	EXISTING CONTOUR LINE
	EXISTING FIBER OPTIC
	EXISTING OVERHEAD ELECTRIC

LEGEND

- | | |
|---|-----------------------------|
|  | PROPOSED UTILITY EASEMENT |
|  | PROPOSED STREET R.O.W. |
|  | PROPOSED LOT LINES |
|  | PROPOSED DRAINAGE EASEMENT |
|  | PROPOSED PROPERTY BOUNDARY |
|  | PROPOSED CONCRETE SIDEWALK |
|  | PROPOSED CURB AND GUTTER |
|  | PROPOSED ASPHALT REPAIR |
|  | EXISTING CONCRETE PAVEMENT |
|  | PROPOSED FLOWLINE DIRECTION |
|  | EXISTING MANHOLE |
|  | EXISTING WATER METER |
|  | EXISTING GAS METER |
|  | EXISTING WATER VALVE |
|  | EXISTING FIRE HYDRANT |
|  | EXISTING PHONE PEDESTAL |
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ABBREVIATIONS AND SYMBOLS

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DE DRAINAGE EASEMENT	PE POLYETHYLENE	WL WATER LINE
EOP EDGE OF PAVING	PVC POLYVINYL CHLORIDE	WW WATER VALVE



ISSUED FOR REVIEW

JACOB

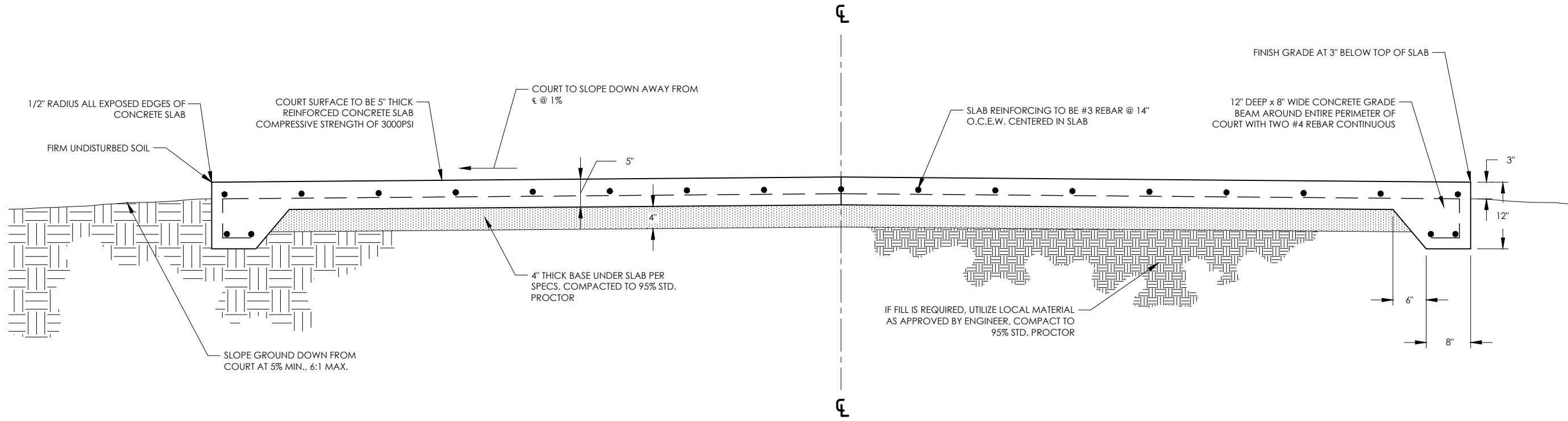
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CITY OF IDALOU
2025 - MULTI-PURPOSE COURT
IMPROVEMENTS

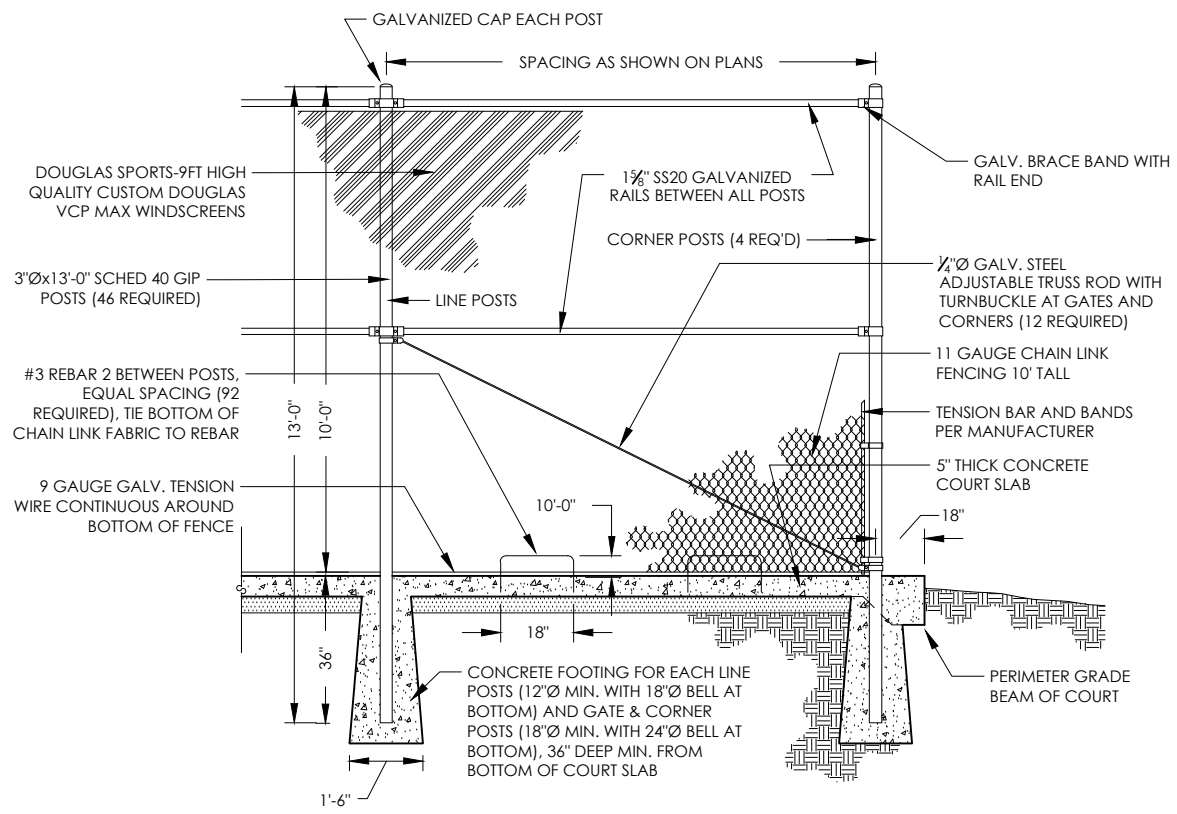
PROPOSED SITE PLAN

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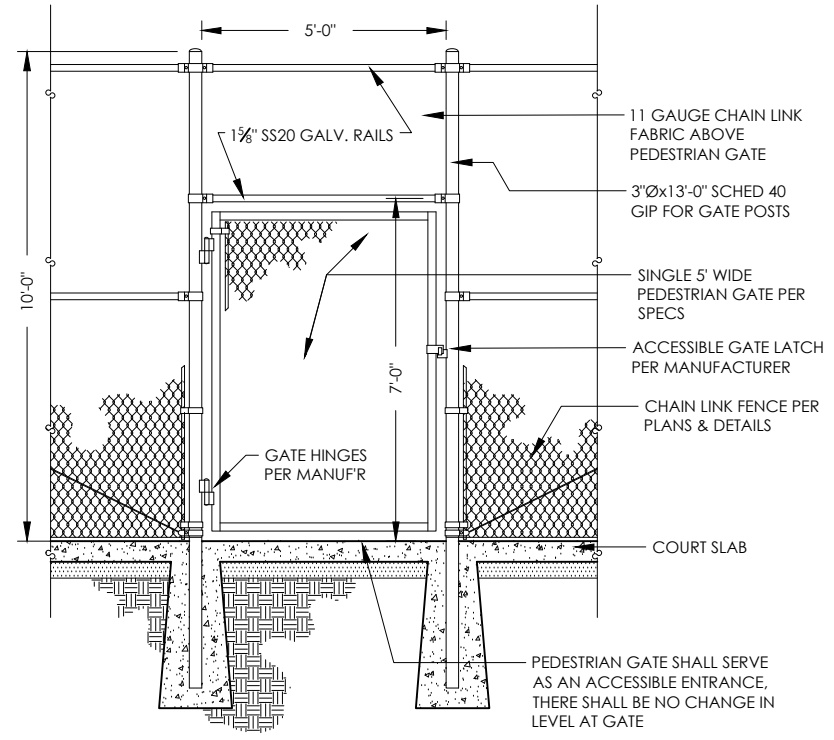
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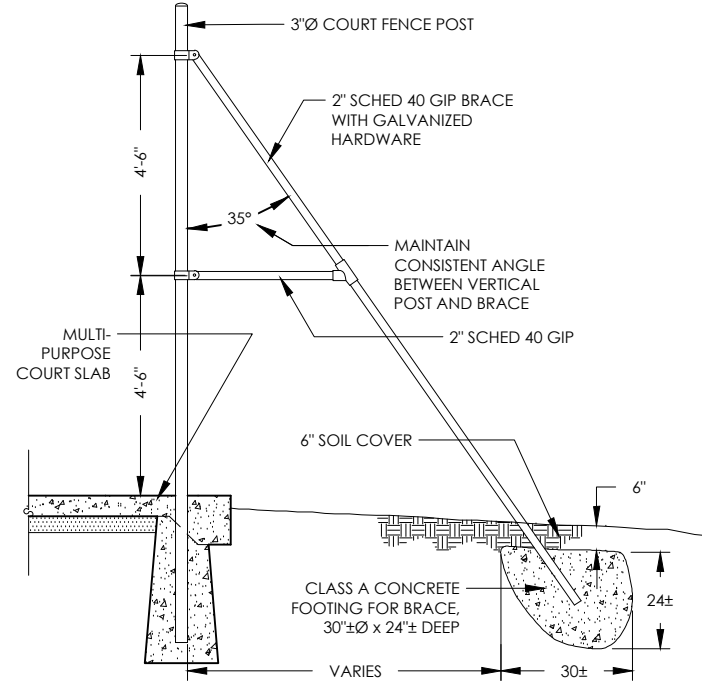
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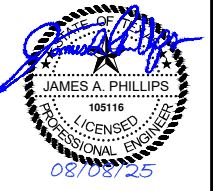
FENCE ENCLOSURE DETAIL
N.T.S.



PEDESTRIAN GATE DETAIL
N.T.S.



FENCE BRACE DETAIL
N.T.S.



ISSUED FOR REVIEW

JACOB MARTIN

TBPELS FIRM #1019493
TBPE FIRM #2261
TBPE FIRM #2448

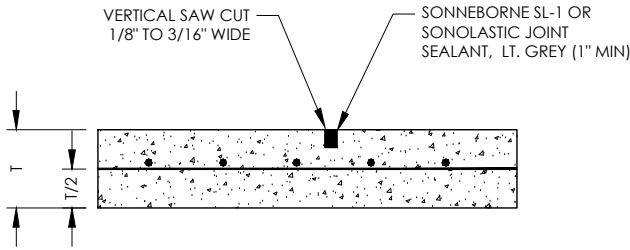
CITY OF IDALOU
2025 - MULTI PURPOSE COURT
IMPROVEMENTS
GENERAL DETAILS

NO.	REVISION	DATE
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11		

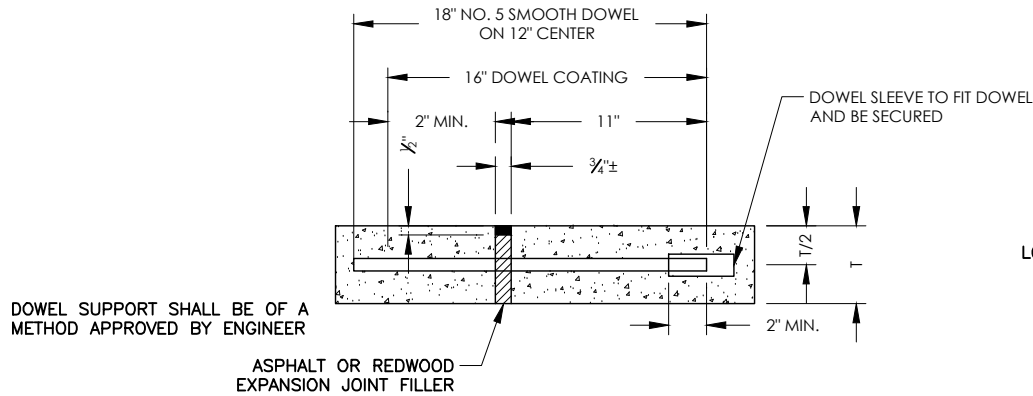
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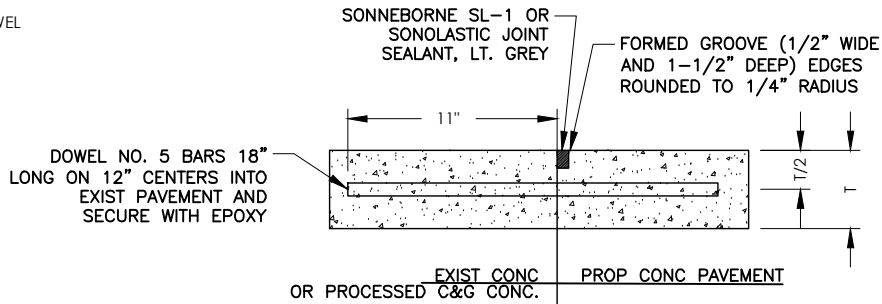
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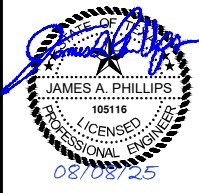
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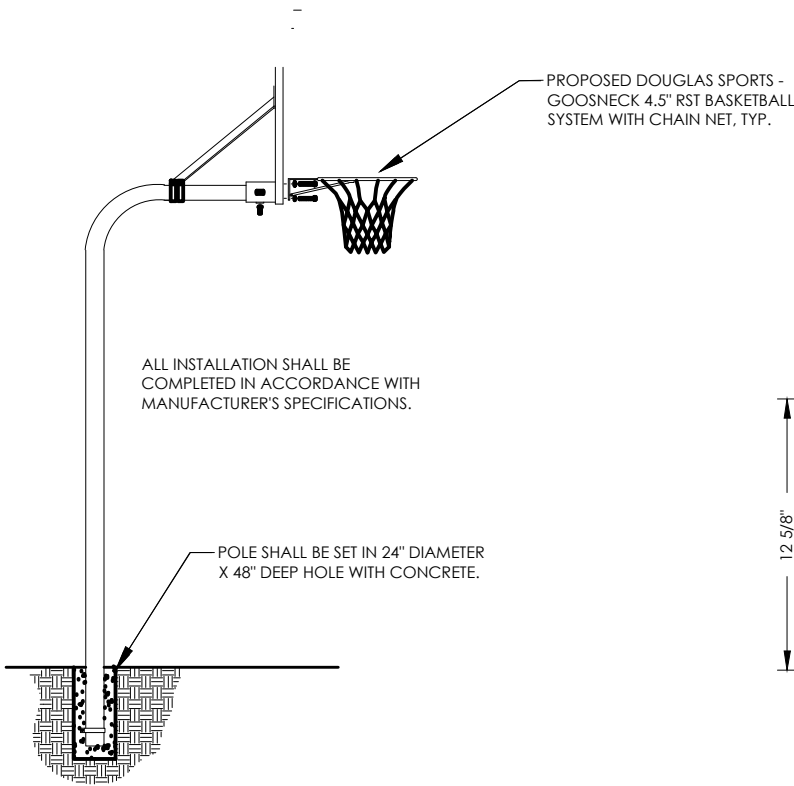
CONSTRUCTION OR DOWEL JOINT
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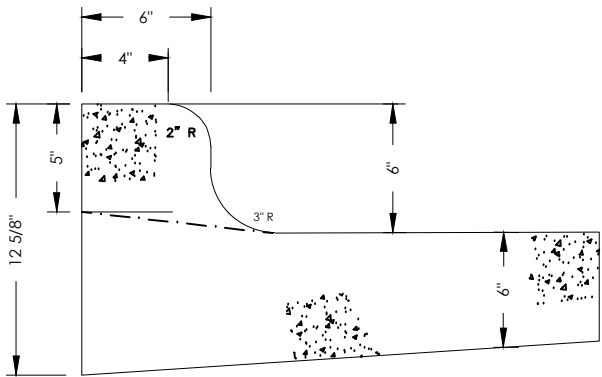
- 1.) NO GRATINGS, ACCESS COVERS OR APPURTENANCES WITHIN CURB RAMPS.
- 2.) ALL SUBGRADE SHALL BE COMPACTED TO 95% PROCTOR DENSITY.
- 3.) PROVIDE 3/4" EXPANSION JOINTS BETWEEN SIDEWALKS AND ALL FIXED OBJECTS.
- 4.) SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2% AND RUNNING SLOPES SHALL NOT EXCEED 5%.
- 5.) RAMPS SHALL NOT EXCEED 2% ACROSS SLOPE AND 8.33% RUNNING ON RAMP SLOPE.



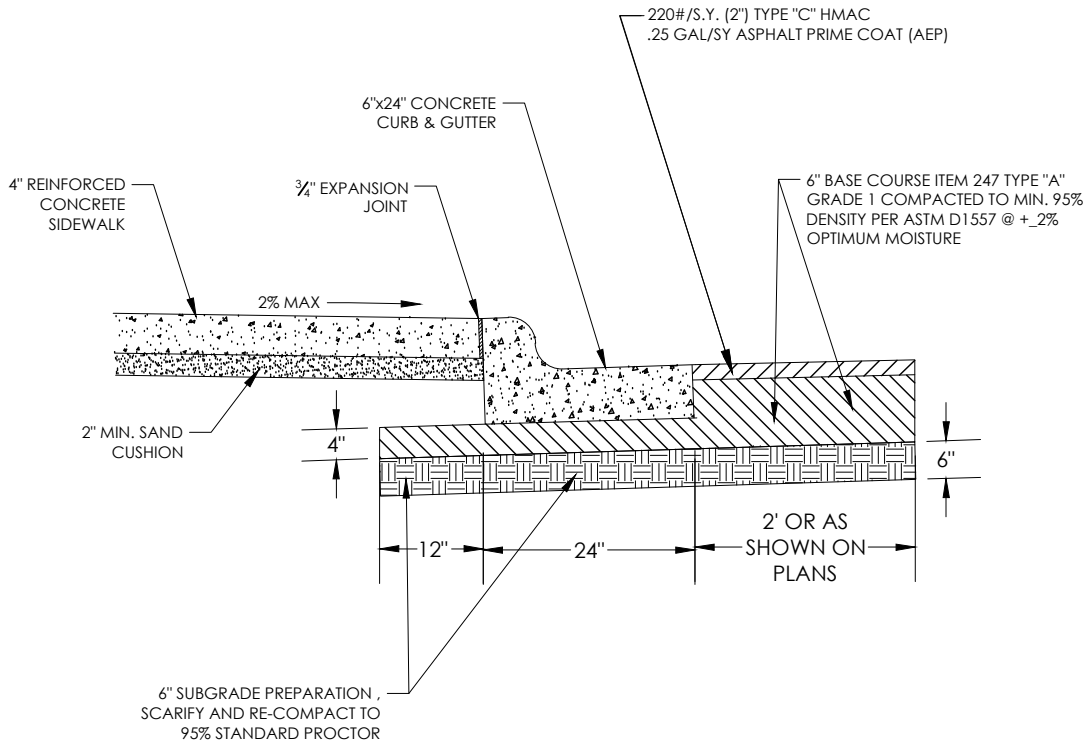
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BASEKETBALL GOAL DETAIL
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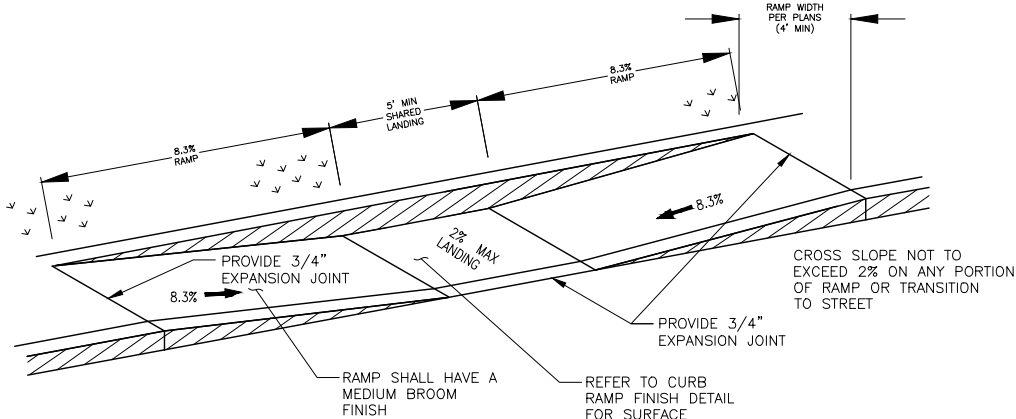
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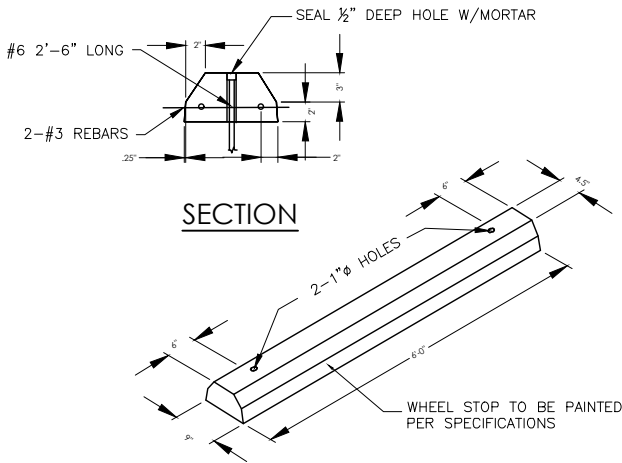
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CITY OF IDALOU
2025 - MULTI PURPOSE COURT IMPROVEMENTS
GENERAL DETAILS (2)

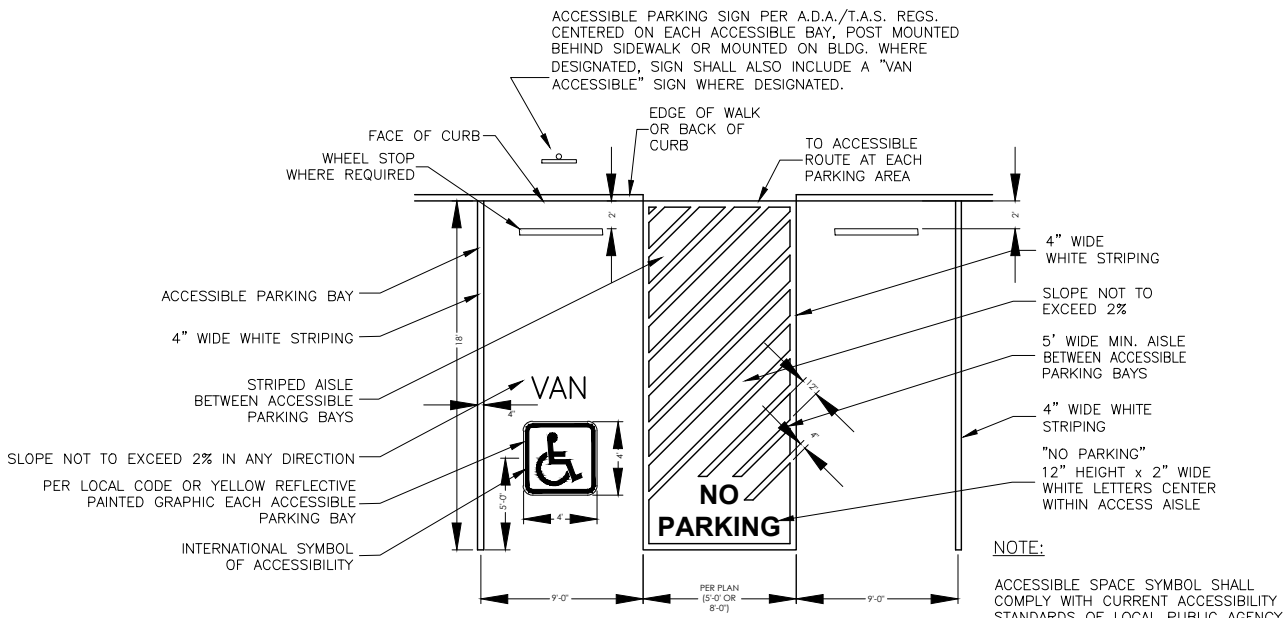
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06			25285	N.T.S.		
SEQ.			SHEET			
06			06			



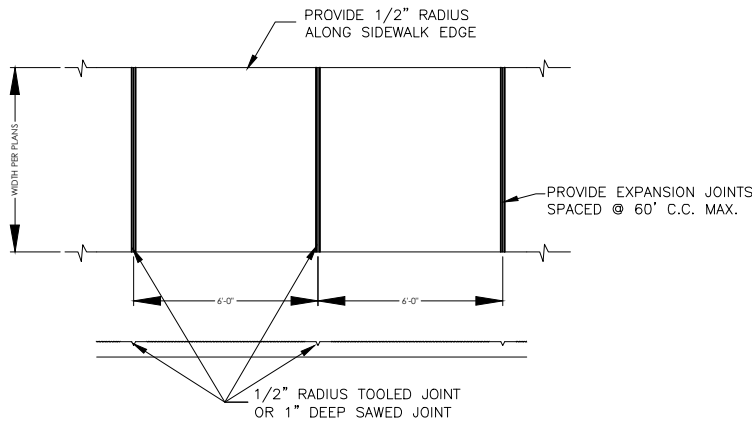
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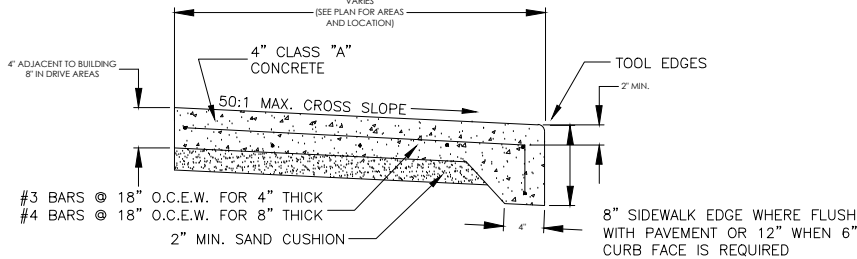
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ACCESSIBLE PARKING DETAIL
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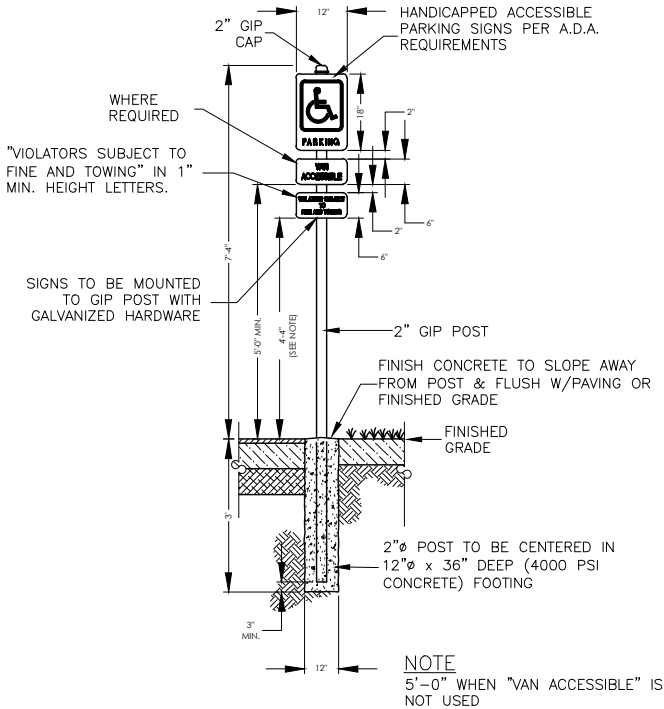
SIDEWALK FINISH DETAIL
NTS



TYPICAL SIDEWALK DETAIL
NTS

SIDEWALK NOTES:

1. ALL CONCRETE SIDEWALKS TO RECEIVE A MEDIUM BROOM FINISH.
2. SIDEWALKS IN DRIVE AREAS SHALL BE 6" THICK. SIDEWALKS ADJACENT TO BUILDING SHALL BE 4" THICK
3. NO GRATINGS, ACCESS COVERS OR APPURTENANCES ON CURB RAMPS AND LANDING
4. ALL CURB RAMPS CONSTRUCTED INTO AREAS WITHOUT SIDEWALKS SHALL HAVE A MIN. 5'X5' LANDING AT THE TOP.
5. ALL SUBGRADE SHALL BE COMPACTED TO EQUIVALENT OF 95% PROCTOR DENSITY.
6. WET SUBGRADE SHALL BE CORRECTED PRIOR TO PLACEMENT OF CONCRETE.
7. PROVIDE 3/4" EXPANSION JOINTS BETWEEN SIDEWALKS AND ALL FIXED OBJECTS.
8. EXPANSION JOINT SPACING SHALL BE 60' MAXIMUM EACH WAY AND SAWED CONTRACTION JOINTS SHALL BE 5' MAXIMUM FOR CONCRETE SIDEWALKS. JOINTS SHALL INTERSECT ALL PAVEMENT EDGES AT 90° INCLUDING RADIUS RETURNS.



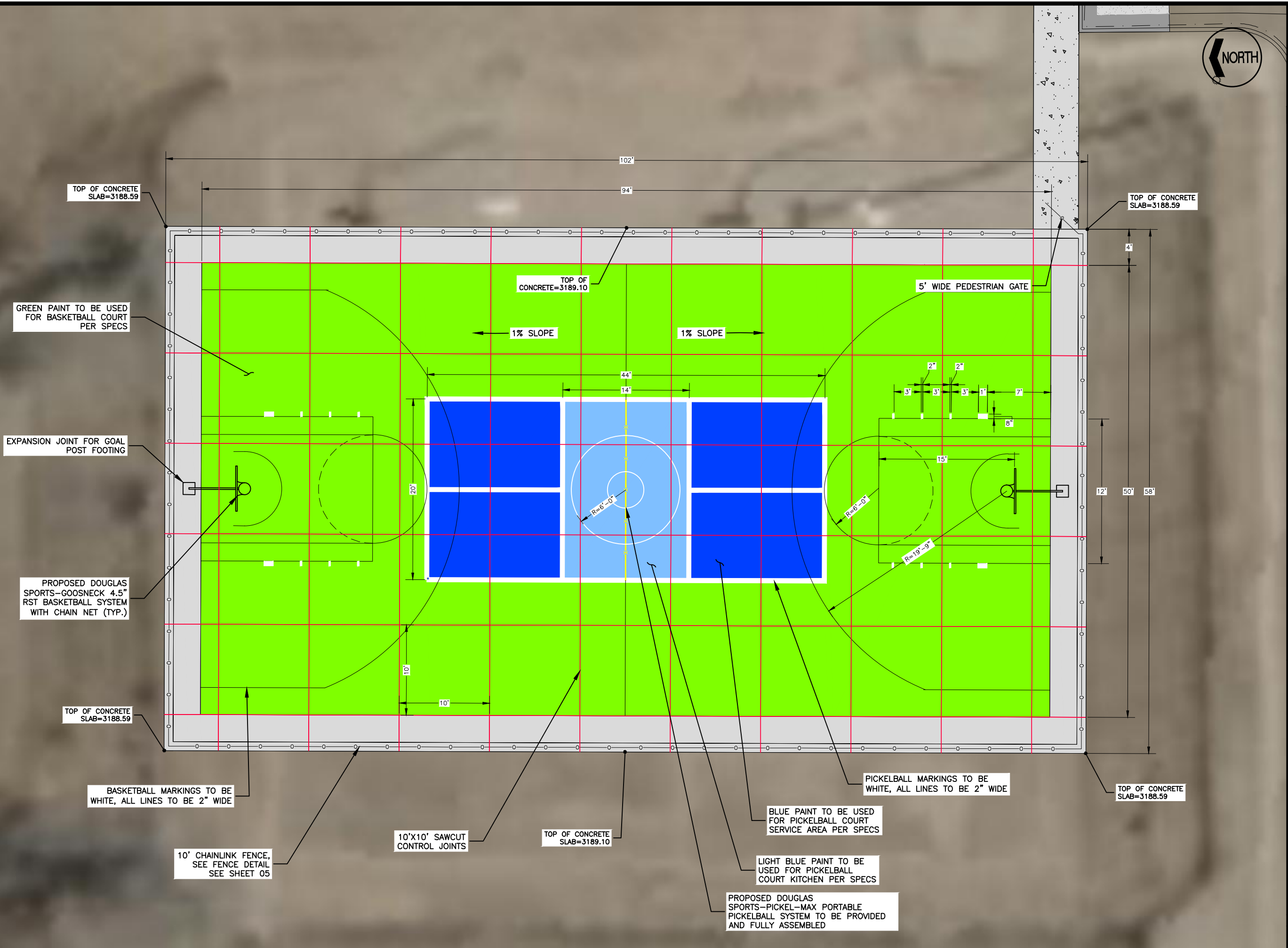
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CITY OF IDALOU
2025 - MULTI PURPOSE COURT
IMPROVEMENTS
GENERAL DETAILS (3)

NO.	REVISION	DATE	SCALE	SHEET
07				07
11				



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JACOB MARTIN
TBAE FIRM #BR 2261
TBE FIRM # 2448
TBE FIRM #10194493

CITY OF IDALOU
2025 - MULTI PURPOSE COURT
IMPROVEMENTS

COURT DETAIL

NO.	REVISION	DATE

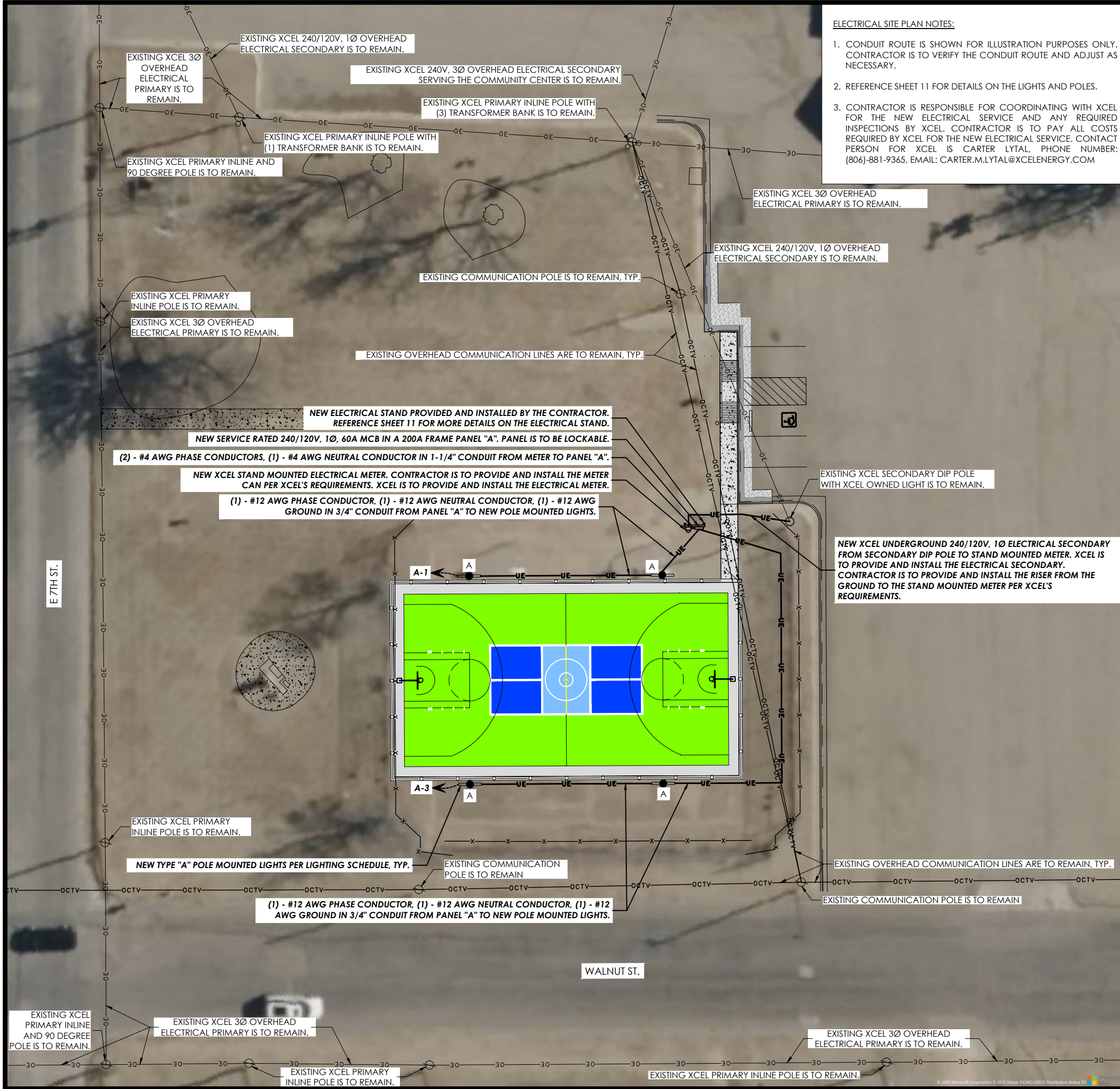
PROJECT # 25285
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SEQ. 08

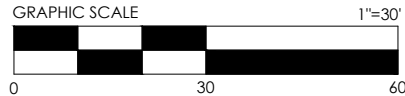
SHEET 08

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ELECTRICAL SITE PLAN NOTES:

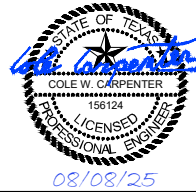
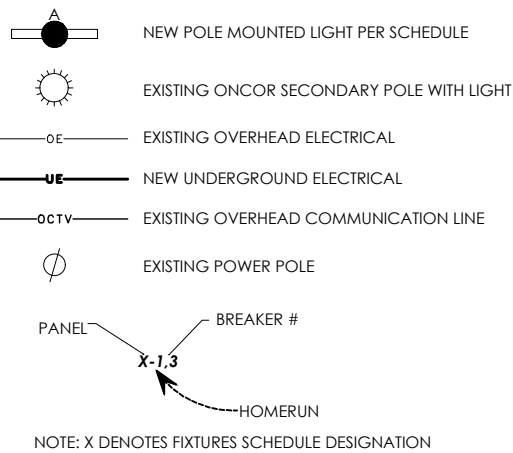
1. CONDUIT ROUTE IS SHOWN FOR ILLUSTRATION PURPOSES ONLY. CONTRACTOR IS TO VERIFY THE CONDUIT ROUTE AND ADJUST AS NECESSARY.
2. REFERENCE SHEET 11 FOR DETAILS ON THE LIGHTS AND POLES.
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH XCEL FOR THE NEW ELECTRICAL SERVICE AND ANY REQUIRED INSPECTIONS BY XCEL. CONTRACTOR IS TO PAY ALL COSTS REQUIRED BY XCEL FOR THE NEW ELECTRICAL SERVICE. CONTACT PERSON FOR XCEL IS CARTER LYAL, PHONE NUMBER: (806)-881-9365, EMAIL: CARTER.M.LYAL@XCELENERGY.COM



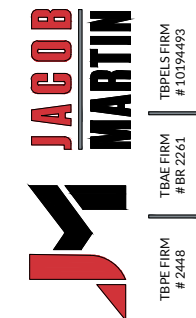
GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL COMPONENTS OF THIS PROJECT SHALL COMPLY WITH: NFPA 70 - NATIONAL ELECTRICAL CODE: MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS.
2. ALL CIRCUITS SHALL BE A MINIMUM SIZE OF 12 GAUGE AND A MINIMUM 3/4" CONDUIT.
3. ALL CIRCUITS SHALL CONTAIN A GROUND WIRE.
4. EACH CIRCUIT SHALL CONTAIN ITS OWN NEUTRAL WIRE. NO NEUTRAL SHARING SHALL BE ALLOWED.
5. ALL CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE SHOWN ON PLAN. USE THHW, THW, THWN, OR XHHW.
6. CLEAR, READABLE PANEL DIRECTORIES ARE REQUIRED FOR ALL PANELS.
7. COORDINATE THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT, DEVICES, FIXED EQUIPMENT, ETC. WITH WITH OWNER PRIOR TO ROUGH-IN-WORK.
8. ELECTRICAL DESIGN PROVIDES A NUMBER OF BRANCH CIRCUITS, PHASES, AMPACITY AND OVERCURRENT PROTECTION CONFORMING TO MANUFACTURER'S SPECIFICATIONS AVAILABLE AT TIME OF DESIGN. IF REQUIREMENTS OF EQUIPMENT ACTUALLY PROVIDED UNDER CONTRACT FOR CONSTRUCTION ARE DIFFERENT, CONTRACTOR SHALL MAKE ALL CHANGES REQUIRED. SUCH CHANGES MAY INCLUDE, BUT ARE NOT LIMITED TO: SIZE OF WIRES, SIZE OF CONDUIT, NUMBER, TYPE AND SIZE OF CIRCUIT BREAKERS, FUSE PROTECTION AND ADDITIONAL DISCONNECT SWITCHES.
9. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGE TO UTILITIES OR EQUIPMENT, WHETHER SHOWN ON THESE PLANS OR NOT.
10. ELECTRICAL CONTRACTOR SHALL VERIFY EQUIPMENT AND CONDUCTOR SIZE PRIOR TO ORDERING AND INSTALLATION OF ANY EQUIPMENT OR CONDUCTORS. REPORT ALL DISCREPANCIES TO THE ENGINEER.
11. CONTRACTOR SHALL PROVIDE SUITABLE MATERIALS AND CONSTRUCTION METHODS TO PREVENT DAMAGE TO CONDUIT SWEEPS RESULTING FROM INSTALLATION OF LARGE CONDUCTORS.
12. ALL OUTLETS TO BE RATED AT A MINIMUM OF 20 AMPS.
13. CONTRACTOR IS TO MAINTAIN 3' MINIMUM WORKING SPACE IN FRONT OF ELECTRICAL EQUIPMENT PER NEC CODE. CONTRACTOR IS TO REFERENCE NEC TABLE 110.26(A)(1) FOR ADDITIONAL CLEARANCE REQUIREMENTS AND ADJUST AS NECESSARY.
14. CONTRACTOR IS TO PROVIDE AND INSTALL PVC SCHEDULE 40 CONDUIT BELOW GRADE. GALVANIZED RIGID CONDUIT (GRC) IS TO BE USED FOR INSTALLATIONS ABOVE GRADE. CONTRACTOR IS TO TRANSITION FROM PVC TO GRC CONDUIT AT 12" BELOW GRADE. CONDUIT IS TO BE A MINIMUM OF 24" BELOW GRADE.

ELECTRICAL LEGEND



ISSUED FOR CONSTRUCTION



CITY OF IDALOU
2025 - MULTIPURPOSE COURT
IMPROVEMENTS

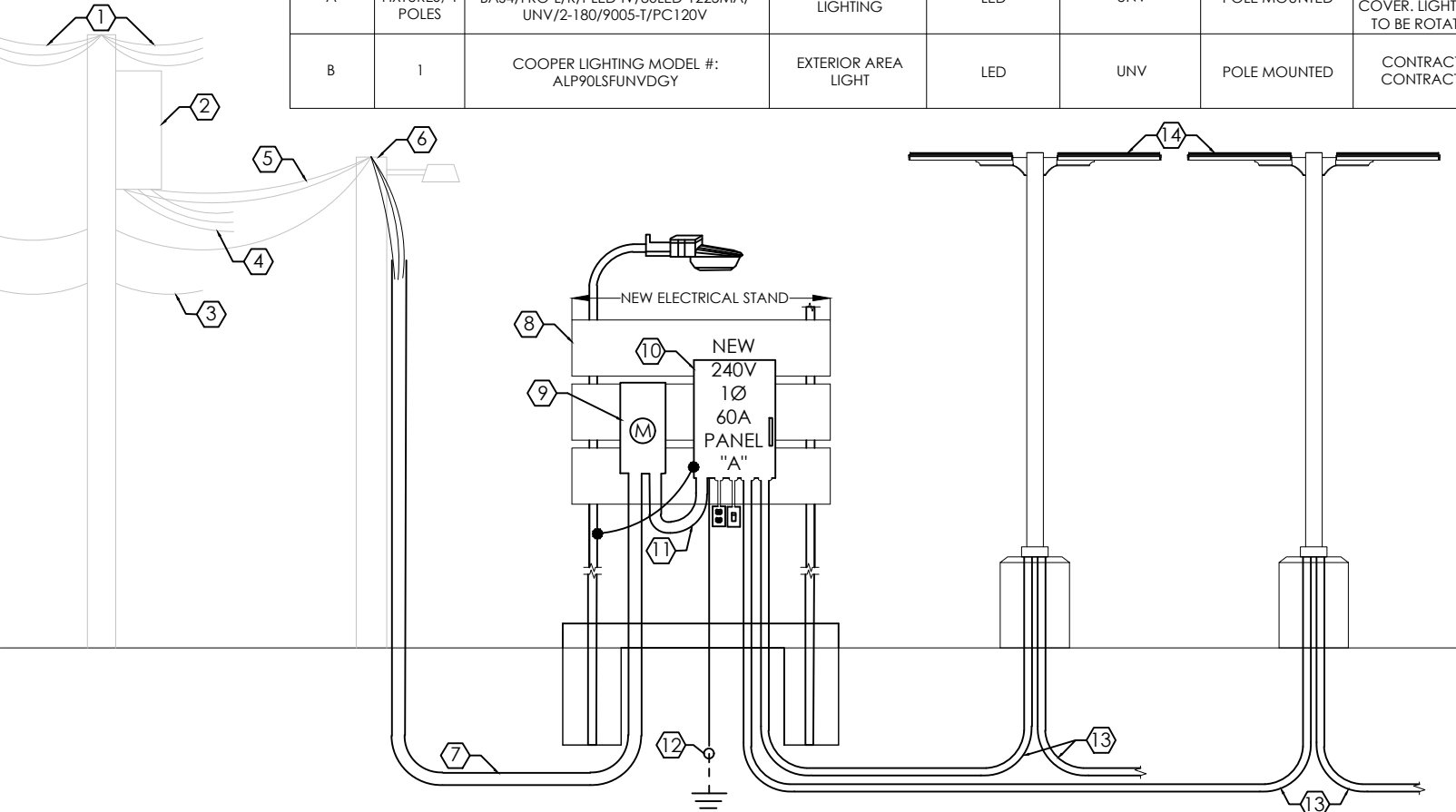
ELECTRICAL SITE PLAN (ALTERNATE BID)

NO.	REVISION	DATE	PROJECT #	SCALE	CHECK SCALE AND ADJUST ACCORDINGLY.
09			25285	1" = 30'	
11					

X:\C\Idalou\25285 - 2025 - Multi Purpose Court Improvements - City of Idalou\Drafting\Plans\Electrical\10 ELECTRICAL RISER DIAGRAM AND SCHEDULES (ALTERNATE BID).dwg
9:22 AM
Save Time: 8/8/2025
Save By: ccarpenter
Plotted by: brendon day
Plot Date: 8/8/2025 12:28 PM

City of Idalou 2025 Multipurpose Court Improvements																
New Panel "A" Schedule																
										<u>Conductor Color Code</u>				<u>Load</u>		
Main Breaker Rating:		60	AMPS	1 Phase 3 Wire		Line 1 -----		BLACK		Phase 1 Load:		7				
M.L.O. Bus Rating:		20	AMPS	120/240 VAC		Line 2 -----		RED		Phase 2 Load:		6				
Sym. Inter. Cap.:		18k >	AMPS			Neutral -----		WHITE or GRAY								
						Ground -----		GREEN								
Surface Mount.:		<u>X</u>		NEMA 1:		<u> </u>										
Flush Mount.:		<u> </u>		NEMA 3R:		<u>X</u>										
														Contractor is to provide and install a Surge Protection Device (SPD) with this panel.		
POLE	SERVICE	W	LOAD		BREAKER	POLE	1	2	POLE	SERVICE	W	LOAD		BREAKER		POLE
			LINE		POLES							LINE		POLES		
			1	2								1	2			
1	Court Lights - East	636	5		20 / 1	1	X		2	Stand Mounted Convenience Receptacle	180	2		20 / 1	2	
3	Court Lights - West	636		5	20 / 1	3		X	4	Stand Mounted Light	120		1	20 / 1	4	
5	Spare Breaker (Note 1)				20 / 1	5	X		6						6	
7	Spare Breaker (Note 1)				20 / 1	7		X	8						8	
9						9	X		10						10	
11						11		X	12						12	
13						13	X		14						14	
15						15		X	16	SPD		X			16	
17						17	X		18	SPD			X		18	
Notes:																
1. Contractor is to provide the breaker only. No wiring or conduit is required to be installed as part of this contract for these spaces.																

LIGHTING FIXTURE SCHEDULE							
FIXTURE MARK	QUANTITY	MANUFACTURER & CATALOG NUMBER	TYPE	LAMPS BULBS	VOLTAGE	SUPPORT	NOTES
A	8 TOTAL FIXTURES, 4 POLES	US ARCHITECTURAL LIGHTING MODEL #: BAS4/FRO-L/R/PLED-IV/80LED-1225MA/ UNV/2-180/9005-T/PC120V	SPORTS COURT LIGHTING	LED	UNV	POLE MOUNTED	LIGHT IS TO BE PROVIDED WITH 20' 4" BLACK SQUARE POLE. BASIS OF DESIGN IS US POLE MODEL #: SNTS-204-11/2-180/RAL-9005-S/VBDS-M2. POLE IS TO BE PROVIDED WITH VIBRATION DAMPENERS AND A SQUARE BASE COVER. LIGHT FIXTURES ARE TO BE FACTORY ROTATED FOR A 5° TILT. FOUR FIXTURES ARE TO BE ROTATED LEFT AND FOUR ARE TO BE ROTATED RIGHT. LIGHT FIXTURES ARE TO BE CONTROLLED VIA PHOTOCELL. THERE ARE (2) LIGHT FIXTURES PER POLE.
B	1	COOPER LIGHTING MODEL #: ALP90LSFUNVDGY	EXTERIOR AREA LIGHT	LED	UNV	POLE MOUNTED	CONTRACTOR IS TO PROVIDE AND INSTALL COOPER CURVED MOUNT MODEL #: EA24 AS REQUIRED FOR MOUNTING. CONTRACTOR IS TO PROVIDE AND INSTALL A SHORTING CAP FOR PHOTOCELL TO OPERATE VIA SINGLE POLE SWITCH.



ELECTRICAL RISER DIAGRAM
N.T.S.

ELECTRICAL RISER DIAGRAM NOTES BY REFERENCE									
1	EXISTING XCEL OVERHEAD 3Ø ELECTRICAL PRIMARY IS TO REMAIN.								
2	EXISTING XCEL PRIMARY INLINE POLE WITH (3) TRANSFORMER BANK IS TO REMAIN.								
3	EXISTING OVERHEAD COMMUNICATION LINES ARE TO REMAIN.								
4	EXISTING XCEL 240V, 3Ø OVERHEAD ELECTRICAL SECONDARY SERVING THE COMMUNITY CENTER IS TO REMAIN.								
5	EXISTING XCEL 240V, 1Ø OVERHEAD ELECTRICAL SECONDARY IS TO REMAIN.								
6	EXISTING XCEL SECONDARY DIP POLE WITH XCEL OWNED LIGHT IS TO REMAIN.								
7	NEW XCEL UNDERGROUND 240/120V, 1Ø ELECTRICAL SECONDARY FROM SECONDARY DIP POLE TO STAND MOUNTED METER. XCEL IS TO PROVIDE AND INSTALL THE ELECTRICAL SECONDARY. CONTRACTOR IS TO PROVIDE AND INSTALL THE RISER FROM THE GROUND TO STAND MOUNTED METER PER XCEL'S REQUIREMENTS.								
8	NEW ELECTRICAL STAND PROVIDED AND INSTALLED BY THE CONTRACTOR. REFERENCE ELECTRICAL STAND DETAILS SHEET 11 FOR MORE INFORMATION ON THE STAND AND STAND MOUNTED EQUIPMENT.								
9	NEW XCEL STAND MOUNTED ELECTRICAL METER. CONTRACTOR IS TO PROVIDE AND INSTALL THE METER CAN PER XCEL'S REQUIREMENTS. XCEL IS TO PROVIDE AND INSTALL THE ELECTRICAL METER.								
10	NEW SERVICE RATED 240/120V, 1Ø, 60A MCB IN A 200A FRAME PANEL "A". BOND NEUTRAL TO GROUND IN THIS PANEL. PANEL IS TO BE LOCKABLE.								
11	(2) - #4 AWG PHASE CONDUCTORS, (1) - #4 AWG NEUTRAL CONDUCTOR IN 1-1/4" CONDUIT FROM METER TO PANEL "A".								
12	(1) - #8 AWG GROUND IN 1/2" PVC CONDUIT. CADWELD TO 5/8" x 10'-0" COPPER CLAD STEEL GROUND ROD.								
13	(1) - #12 AWG PHASE CONDUCTOR, (1) - #12 AWG NEUTRAL CONDUCTOR, (1) - #12 AWG GROUND IN 3/4" CONDUIT TO NEW POLE MOUNTED LIGHTS. CONTRACTOR IS TO VERIFY THE CONDUIT ROUTE AND ADJUST AS NECESSARY.								
14	NEW TYPE "A" POLE MOUNTED LIGHTS PER LIGHTING SCHEDULE. THERE ARE TO BE (2) LIGHT FIXTURES PER POLE.								

08/08/25

ISSUED FOR CONSTRUCTION

JACOB MARTIN

TBPE FIRM # 10194493

TBAE FIRM # BR 2261

TBPE FIRM # 2448

CITY OF IDALOU

2025 - MULTIPURPOSE COURT IMPROVEMENTS

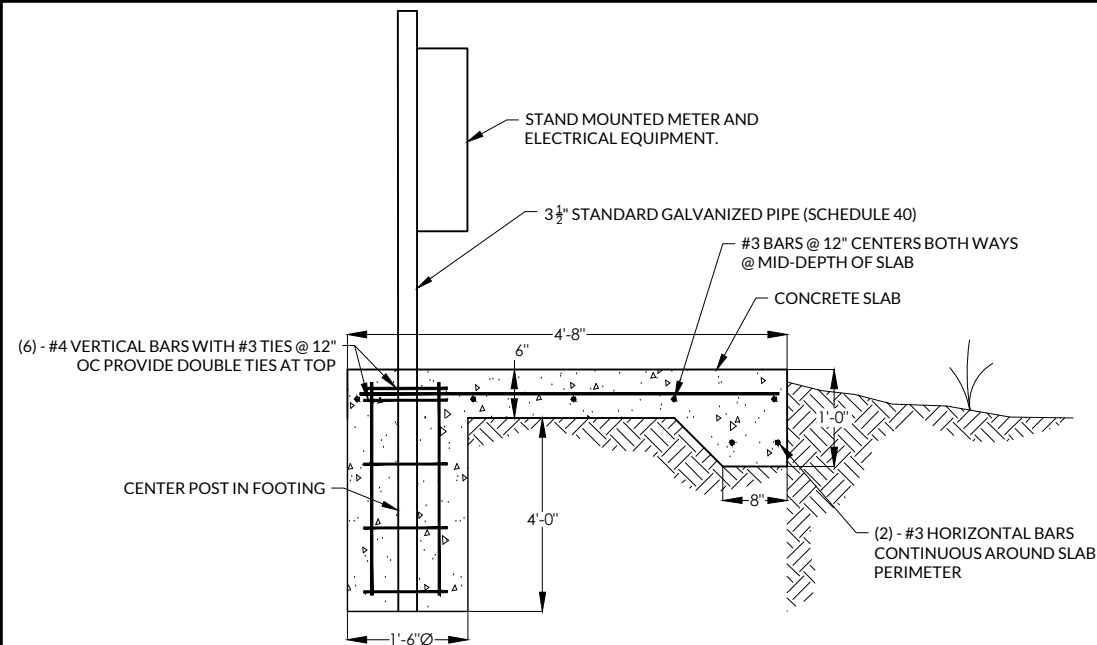
ELECTRICAL RISER DIAGRAM AND SCHEDULES (ALTERNATE BID)

NO.	REVISION	DATE
10		
11		

SEQ.	SHEET
10	10

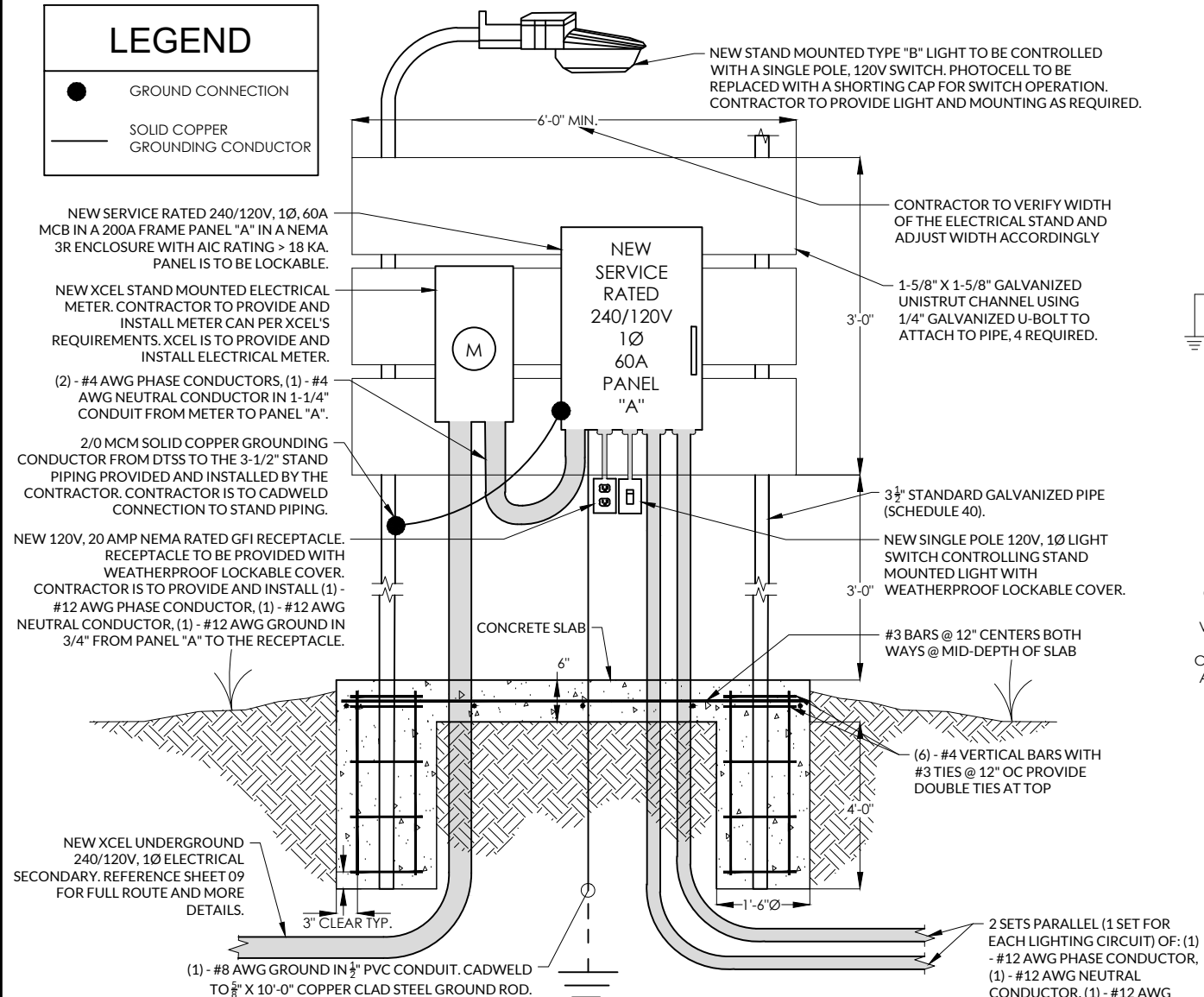
PROJECT #	SCALE	NTS
25285		

BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.



ELECTRICAL STAND DETAIL (SIDE VIEW)

N.T.S.



ELECTRICAL STAND DETAIL

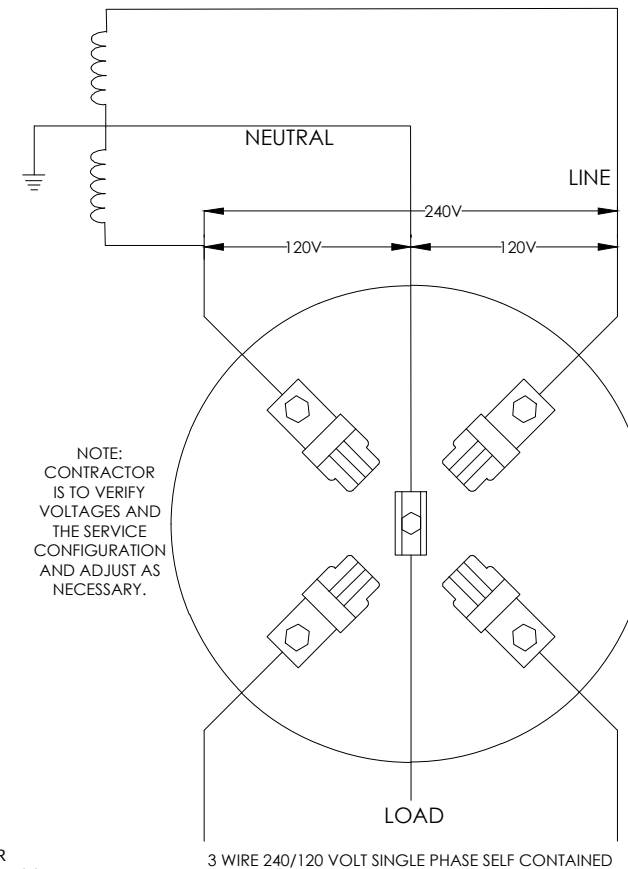
N.T.S.

NEW U.S. ARCHITECTURAL LIGHTING
BASELINE SQUARES LIGHTING FIXTURE WITH
(4) LED SQUARES (TOTAL OF 8
LEDS) (DETAIL SHOWS (6) LED SQUARE
MODEL). LED BOARD IS TO BE FACTORY
ROTATED AT 5° TILT FOR ADEQUATE
LIGHTING. HALF OF THE FIXTURES ARE TO
BE ROTATED LEFT AND HALF ARE TO BE
ROTATED RIGHT. LIGHT FIXTURE TO HAVE
TYPE IV LIGHTING DISTRIBUTION. LIGHT
FIXTURE PROVIDES APPROXIMATELY
35,110 LUMENS AND CONSUMES 317.9
WATTS. LIGHTS ARE TO BE CONTROLLED
WITH PHOTOCELLS LOCATED ON THE
FIXTURES AND BE BLACK IN COLOR.



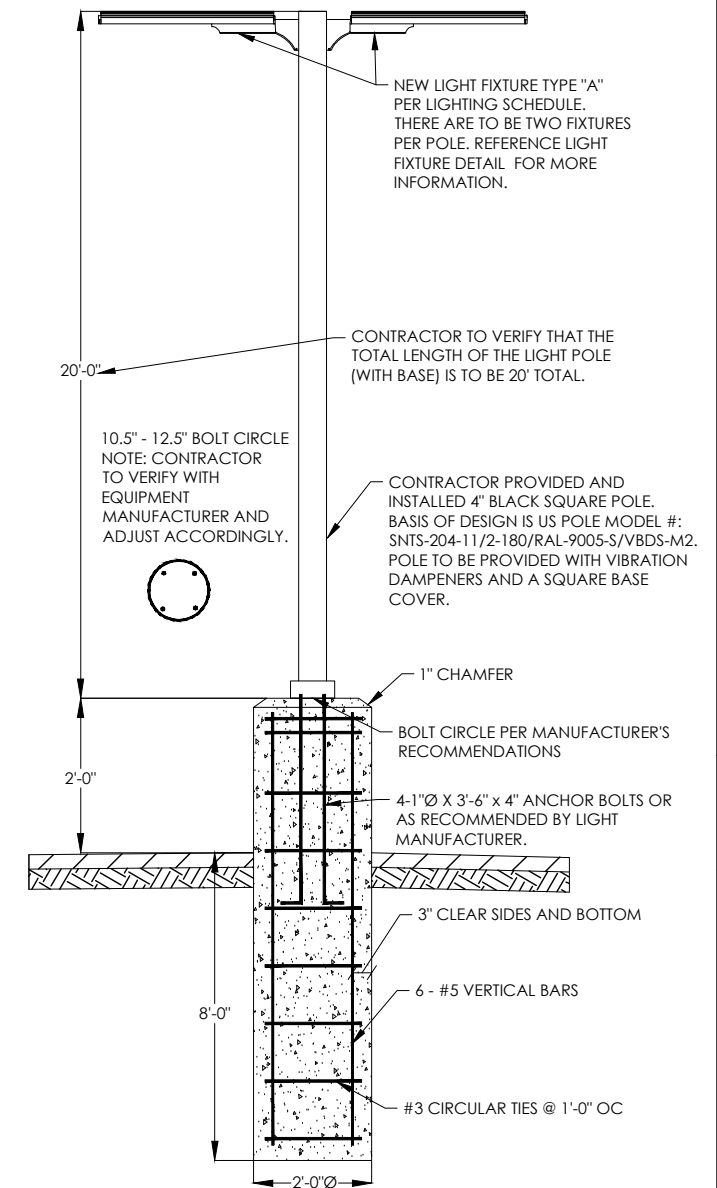
LIGHT FIXTURE DETAIL

N.T.S.



NEW XCEL ELECTRICAL SERVICE DETAIL

N.T.S.



LIGHT POLE & FOUNDATION DETAIL

N.T.S.