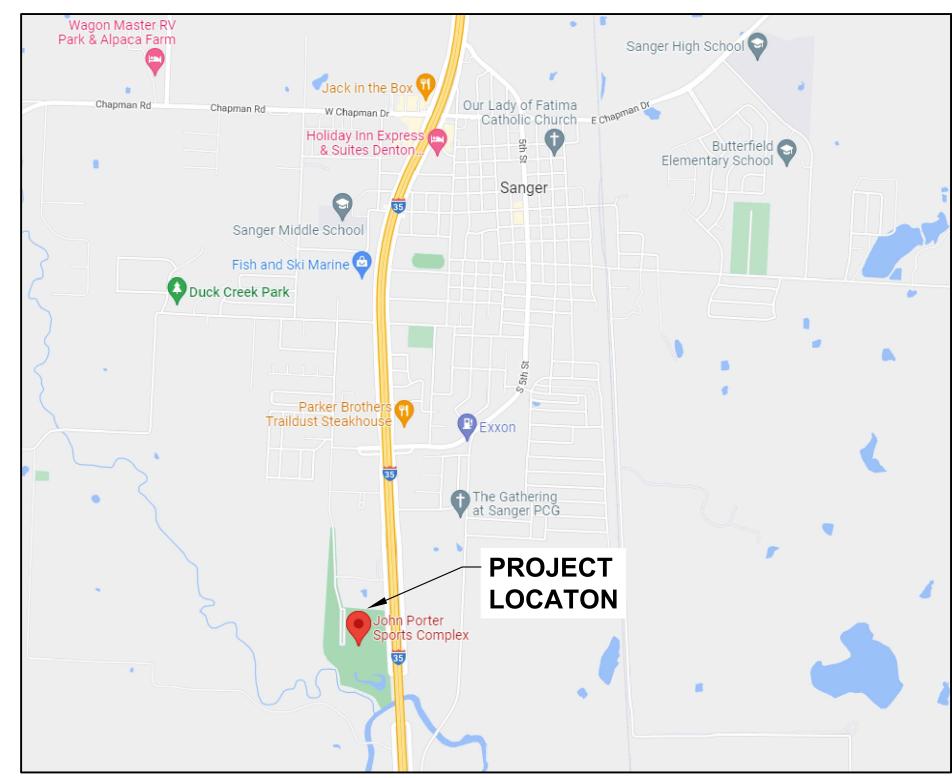
JOHN PORTER SPORTS PARK SOFTBALL FIELD RENOVATIONS

CITY OF SANGER, TX

LOCATION MAP

NTS



PROJECT LOCATION: 2201 S STEMMONS FWY

SANGER CITY COUNCIL

THOMAS MUIR - MAYOR

MARISSA BARRETT- PLACE 1
GARY BILYEU - PLACE 2
DENNIS DILLON - PLACE 3
ALLEN CHICK - PLACE 4
VICTOR GANN - PLACE 5

JOHN NOBLITT - CITY MANAGER



ISSUE FOR BID SUBMITTAL

OCTOBER 21, 2022

Parkhill Job No. 8156.22 RFP # 2023-02



	10/21/202	
	GENERAL	
G-001	COVER & INDEX OF DRAWINGS	V
G-002	EROSION CONTROL PLAN	V
G-003	EROSION CONTROL DETAILS	V
	LANDSCAPE	
LX100	EXISTING CONDITIONS & REMOVAL PLAN	V
LC100	OVERALL CONSTRUCTION LAYOUT PLAN	V
LC101	CONSTRUCTION LAYOUT PLAN 'FIELD 1'	V
LC102	CONSTRUCTION LAYOUT PLAN 'FIELD 2'	V
LC103	CONSTRUCTION LAYOUT PLAN 'FIELD 3'	V
LG101	GRADING PLAN 'FIELD 1'	V
LG102	GRADING PLAN 'FIELD 2'	V
LG103	GRADING PLAN 'FIELD 3'	V
LP100	PLANTING PLAN	V
LI100	IRRIGATION PLAN	V
L-501	SITE DETAILS	
L-502	SITE DETAILS	V









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John Porter Sports Park Softball Field Renovation



CLIENT

City of Sanger 2201 S. Stemmons Sanger, TX 76266

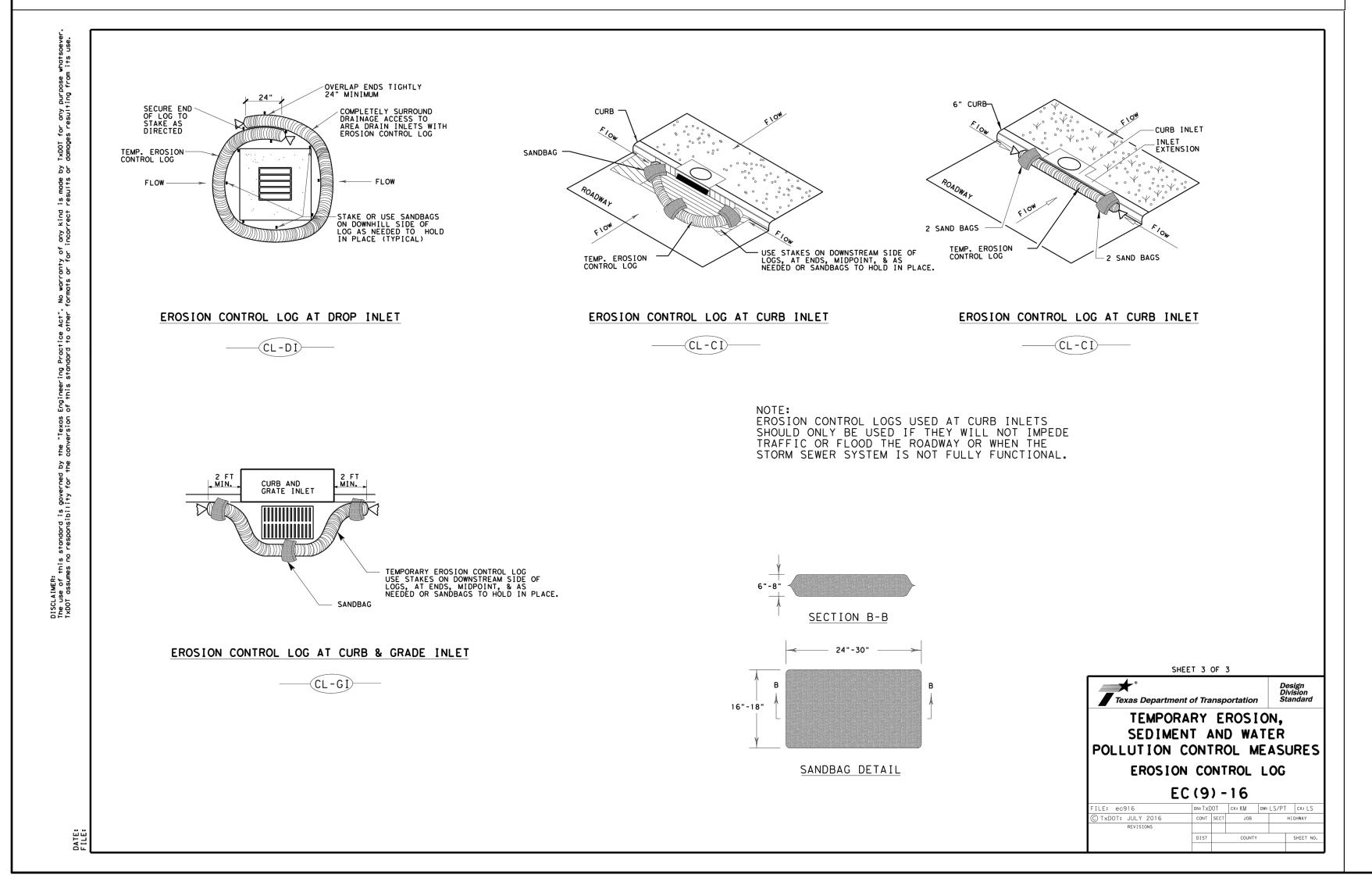
PROJECT NO. 8156.22

KEY PLAN

- 10/21/2022 Issue for Bid

Erosion Control Plan

G-002



EROSION CONTROL NOTES

- A. EROSION CONTROL LOGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, OR AS DIRECTED BY THE
- B. LENGTHS OF EROSION CONTROL LOGS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR THE
- PURPOSE INTENDED. C. UNLESS OTHERWISE DIRECTED, USE BIODEGRADABLE OR
- PHOTODEGRADABLE CONTAINMENT MESH ONLY WHERE LOG WILL REMAIN IN PLACE AS PART A VEGETATIVE SYSTEM. FOR TEMPORARY INSTALLATIONS, USE RECYCLABLE CONTAINMENT MESH.
- D. FILL LOGS WITH SUFFICIENT FILLER MATERIAL TO ACHIEVE THE MINIMUM COMPACTED DIAMETER SPECIFIED IN THE PLANS WITHOUT EXCESSIVE
- E. STAKES SHALL BE 2" X 2" WOOD 2' 4' LONG, EMBEDDED SUCH THAT 2"
- PROTRUDES ABOVE LOG, OR AS DIRECTED BY THE ENGINEER.
- F. DO NOT PLACE STAKES THROUGH CONTAINMENT MESH. G. COMPOST CRADLE MESH IN INCIDENTAL & WILL NOT BE PAID FOR
- H. SANDBAGS USED AS ANCHORS SHALL BE OF SUFFICIENT SIZE TO HOLD
- LOGS IN PLACE. I. TURN THE ENDS OF EACH ROW OF LOGS UPSLOPE TO PREVENT RUNOFF
- FROM FLOWING AROUND THE LOG. J. FOR HEAVY RUNOFF EVENTS, ADDITIONAL UPSTREAM STAKES MAY BE NECESSARY TO KEEP LOGS FROM FOLDING IN ON ITSELF.





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City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO. 8156.22

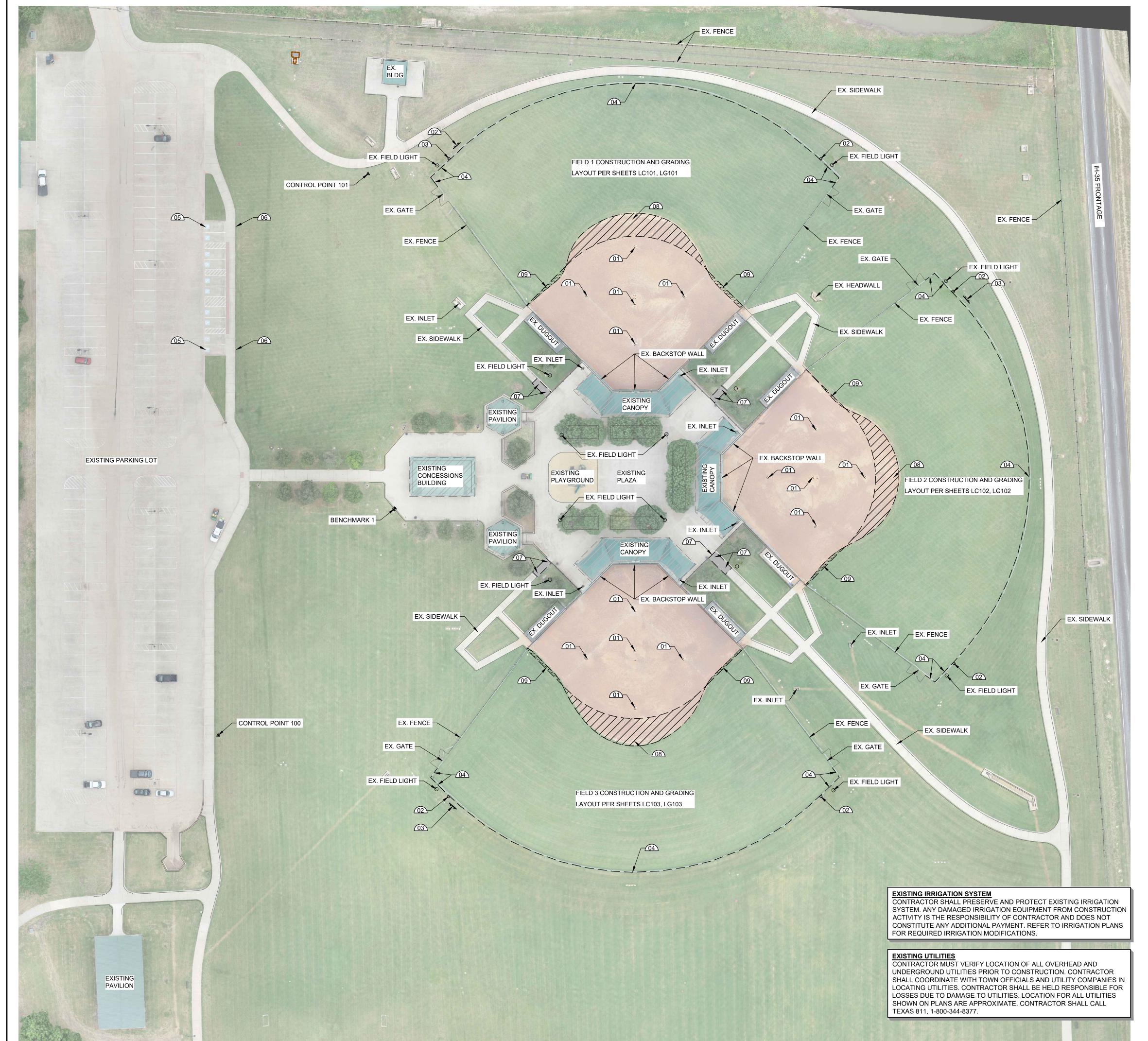
KEY PLAN

DESCRIPTION # DATE

- 10/21/2022 Issue for Bid

Erosion Control Details

G-003



DEMOLITION NOTES

REMOVE EXISTING CONSTRUCTION AS INDICATED BY: 00

- 1. REMOVE AND DISPOSE OF HOME PLATE, PITCHERS RUBBER AND BASES.
- REMOVE AND DISPOSE OF FOUL POLE.
 REMOVE AND DISPOSE OF SCOREBOARD, POSTS AND FOOTINGS.
- REMOVE AND DISPOSE OF SCOREBOARD, POSTS AND FOOTIN
 REMOVE AND DISPOSE OF CHAIN LINK FENCE.
- 5. SANDBLAST AND REMOVE ADA SYMBOL
- REMOVE AND DISPOSE OF ADA SIGN.SAWCUT, REMOVE AND DISPOSE OF PEDESTRIAN PAVING TO NEAREST
- JOINT.
 8. REMOVE AND DISPOSE OF INFILL DIRT TO NEW INFIELD EXTENTS. REF.
- LP101 AND SPECIFICATIONS FOR NEW TOPSOIL AND SOD.

 9. REMOVE AND DISPOSE OF SOD TO NEW INFIELD EXTENTS. REF. LP101 AND
- 9. REMOVE AND DISPOSE OF SOD TO NEW INFIELD EXTENTS. REF. LP SPECIFICATIONS FOR NEW TOPSOIL AND SOD.

LEGEND

REMOVE AND DISPOSE OF CHAIN LINK FENCE.

REMOVE AND DISPOSE OF INFILL DIRT

REMOVE AND DISPOSE OF SOD.

REMOVE AND DISPOSE OF PEDESTRIAN PAVING.

SITE DEMOLITION GENERAL NOTES

- A. CALL BEFORE YOU DIG: THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND MATERIAL OF ALL UTILITIES THAT WILL BE AFFECTED BY CONSTRUCTION OPERATIONS PRIOR TO BREAKING GROUND, DEMOLITION, OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL AFFECTED UTILITIES 48 HOURS PRIOR TO THE START OF DEMOLITION, THIS INCLUDES, BUT IS NOT LIMITED TO CONTACTING THE APPROPRIATE ONE-CALL UTILITY NOTIFICATION SERVICE, I.E. TEXAS811 (800) 344-8377. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
- B. FILL ALL EMPTY FOOTING HOLES FROM FENCING, SCOREBOARDS AND FOUL POLES, AND ANY OTHER ITEMS TO BE REMOVED, AND COMPACT TO BE FLUSH WITH EXISTING GRADE.
- C. PREPARE THE PROJECT SITE AND DESIGNATED EASEMENTS FOR CONSTRUCTION OPERATIONS BY REMOVING AND DISPOSING OF ALL OBSTRUCTIONS, WHEN REMOVAL OF SUCH OBSTRUCTIONS IS NOT SPECIFICALLY SHOWN ON THE PLANS, IT SHALL BE CONSIDERED INTEGRAL TO THE NEW CONSTRUCTION BID ITEM.
- D. PROTECT ALL EXISTING FEATURES NOT INDICATED FOR DEMOLITION. DO NOT PARK EQUIPMENT, SERVICE EQUIPMENT, STORE MATERIALS, OR DISTURB THE ROOT AREA UNDER THE BRANCHES OF TREES DESIGNATED FOR PRESERVATION
 E. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING WHEN ITEMS NOT SHOWN ON THE PLANS AND NOT REASONABLY DETECTABLE (BURIED WITH NO OBVIOUS
- INDICATION OF PRESENCE) ARE ENCOUNTERED AND REQUIRED TO BE REMOVED.

 F. REMOVE OBSTRUCTIONS NOT DESIGNATED FOR PRESERVATION TO A DEPTH OF 2 FEET BELOW NATURAL GROUND IN AREAS RECEIVING EMBANKMENT (FILL), REMOVE OBSTRUCTIONS TO A DEPTH OF 2 FEET BELOW THE EXCAVATION LEVEL IN AREAS TO BE EXCAVATED (CUT), REMOVE OBSTRUCTIONS TO A DEPTH OF 1 FOOT BELOW NATURAL GROUND IN ALL OTHER AREAS, AND CUT TREES AND STUMPS LEVEL WITH EXISTING GRADE, UNLESS OTHERWISE SHOWN ON CONSTRUCTION DOCUMENTS; BACKFILL, COMPACT, AND RESTORE AREAS WHERE OBSTRUCTIONS HAVE BEEN REMOVED WITH APPROVED FILL MATERIAL.
- G. THE CONTRACTOR SHALL ACCEPT OWNERSHIP AND DISPOSE OF REMOVED MATERIALS AND DEBRIS AT LOCATIONS OFF SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS, UNLESS OTHERWISE SHOWN ON CONSTRUCTION DOCUMENTS.
- H. STOCKPILE MATERIALS DESIGNATED SALVAGEABLE AT DESIGNATED SITES WHEN SHOWN ON THE PLANS OR AS DIRECTED; PREPARE STOCKPILE SITE BY REMOVING VEGETATION AND TRASH AND BY PROVIDING FOR PROPER. DRAINAGE; MATERIAL NOT DESIGNATED TO BE SALVAGED WILL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
- I. EXCAVATE (CUT) AREAS AS SHOWN ON THE PLANS OR AS DIRECTED; REMOVE MATERIALS ENCOUNTERED TO THE LINES, GRADES, AND TYPICAL SECTIONS SHOWN ON THE CONSTRUCTION DOCUMENTS; ACCEPT OWNERSHIP OF UNSUITABLE OR EXCESS MATERIAL AND DISPOSE OF MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS AT LOCATIONS OFF SITE; MAINTAIN DRAINAGE IN THE EXCAVATED AREA TO AVOID DAMAGE TO AREAS OF CUT/FILL; CORRECT ANY DAMAGE TO THE SUBGRADE CAUSED BY WEATHER AT NO ADDITIONAL COST.
- J. THE CONTRACTOR SHALL FURNISH APPROVED FILL MATERIAL CAPABLE OF FORMING A STABLE EMBANKMENT FROM REQUIRED EXCAVATION IN THE AREAS SHOWN ON THE CONSTRUCTION DOCUMENTS FROM APPROVED SOURCES OFF
- K. EXCAVATION: EXCAVATE SOIL FROM AREAS IN WHICH GRADE CHANGE WILL
- OCCUR TO A DEPTH OF 6 INCHES AND STOCKPILE UNTIL AMENDED.

 THE SCOPE OF WORK SHALL INCLUDE DISPOSAL OF ALL DEBRIS ASSOCIATED WITH DEMOLITION AND CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, INSPECTION, AND TESTING REQUIRED
- FOR LAWFUL DISPOSAL AS REQUIRED BY THE OWNER, LOCAL AND STATE CODE.

 M. WHERE EXISTING UTILITIES AND/OR SERVICE LINES ARE CUT, BROKEN, OR DAMAGED, THE CONTRACTOR SHALL REPAIR THE UTILITY OR SERVICE LINES WITH THE SAME MATERIAL AND CONSTRUCTION OR BETTER UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DOCUMENTS AT NO ADDITIONAL COST.
- N. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF FIELD VERIFICATION AND PROTECTION OF EXISTING CONDITIONS AND UTILITIES, THE ACTUAL HORIZONTAL OR VERTICAL LOCATION OF THE EXISTING UTILITIES SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION.
- O. THE CONTRACTOR SHALL NOT BEGIN DEMOLITION OPERATIONS UNTIL WRITTEN CONFIRMATION FROM THE OWNER HAS BEEN RECEIVED VERIFYING THAT ALL ITEMS TO BE SALVAGED BY THE OWNER HAVE BEEN REMOVED FROM THE SITE AND ADJACENT RESIDENTIAL PROPERTY.
- AND ADJACENT RESIDENTIAL PROPERTY.

 P. ALL DAMAGES TO THE OWNER'S PROPERTY ON THE PROJECT SITE PRIOR TO SUBSTANTIAL COMPLETION SHALL BE REPAIRED OR REPLACED BY THE
- CONTRACTOR AS APPROVED BY THE OWNER, AT NO ADDITIONAL COST.

 Q. EXISTING PAVING TO BE REMOVED SHALL BE SAW-CUT, OR REMOVED TO THE NEAREST JOINT TO CREATE CLEAN EDGES TO TIE INTO THE NEW CONSTRUCTION
- R. DEMOLITION DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR; ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- S. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF STORM WATER POLLUTION PREVENTION, SITE DRAINAGE, DUST CONTROL, NOISE POLLUTION, TRAFFIC CONTROL, SECURITY, FENCING, LIGHTING, PERMITTING, OR OTHER LOCAL OR STATE CODE REQUIREMENTS REQUIRED FOR CONSTRUCTION OPERATIONS, UNLESS OTHERWISE SHOWN ON CONSTRUCTION DOCUMENTS.

CONTROL POINTS

POINT						
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION		
ON-SITE CONTROL						
100	7173262.31	2370223.92	610.67	#4 BAR W/LEMKE CAP		
101	7173743.65	2370352.39	614.16	#4 BAR W/LEMKE CAP		
BENCHMARKS						
1	7173456.47	2370374.93	619.77	BM CUT SQUARE		

HORIZONTAL AND VERTICAL DATUM BASED ON OPUS CONTROL POINTS
HORIZONTAL DATUM: NAD83 (2011), TEXAS STATE PLANE, NORTH CENTRAL
ZONE

VERTICAL DATUM: NAVD88

0 40 80 Feet





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John Porter Sports Park Softball Field Renovation



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City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22

KEY PLAN

- 10/21/2022 Issue for Bid

DATE

DESCRIPTION

Existing Conditions & Removal Plan

LX100



AS INDICATED BY: (00)

- 1. INSTALL ADA SIGN ON EXISTING POST PER DETAIL A2/L-502.
- 2. ACCESSIBLE MARKING PER DETAIL A3, B3/L-502. 3. ACCESSIBLE AISLE MARKING PER DETAIL A1/L-502.
- 4. 4" WIDE WHITE PAINT STRIPE AS SPEC'D.

SITE CONSTRUCTION GENERAL NOTES

EXAMINATION OF SITE OF WORK

BEFORE SUBMITTING A BID, EACH BIDDER SHALL CAREFULLY EXAMINE THE SITE OF WORK. EACH BIDDER SHALL INFORM HIMSELF/HERSELF PRIOR TO BIDDING AS TO THE EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND SHALL INCLUDE IN HIS/HER BID A SUM TO COVER ALL COSTS OF ALL ITEMS NECESSARY TO PERFORM THE WORK AS SET FORTH IN THE CONTRACT DOCUMENTS. NO ALLOWANCE WILL BE MADE TO ANY BIDDER BECAUSE OF LACK OF SUCH EXAMINATION OR KNOWLEDGE. THE SUBMISSION OF A BID SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE BIDDER IS SUFFICIENTLY FAMILIAR WITH ALL RELEVANT CONDITIONS.

CONCRETE FORMWORK AND REINFORCEMENT

THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO THE PLANNED PLACEMENT OF CONCRETE. THE OWNER'S REPRESENTATIVE MUST HAVE OBSERVED AND APPROVED THE FORMWORK AND REINFORCEMENT PRIOR TO ANY PLACEMENT OF CONCRETE

CONCRETE FINISH AND SAW JOINTS

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ON THE SITE SAMPLE PANELS OF PAVEMENT, SIZE PER SPECIFICATIONS, OR 4' X 4' IF NOT SPECIFIED, IN SIZE FOR EACH FINISH OF CONCRETE PAVEMENT. THE SURFACE FINISHES SHALL BE AS APPROVED BY THE ARCHITECT. ANY CONCRETE PLACED WITH AN IMPROPER FINISH SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SAW JOINTS SHALL BE SAWN WITHIN 24 HOURS OF CONCRETE PLACEMENT. ANY CONCRETE SAWN LATER THAN THIS WHICH, IN THE OPINION OF THE OWNER'S REPRESENTATIVE, HAS EXCESSIVE SHRINKAGE CRACKS DUE TO NOT HAVING BEEN SAWN SOON ENOUGH, SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

ALIGNMENT AND TANGENCY OF PAVEMENTS

THE EDGES OF ALL FINISHED PAVING SHALL BE STRAIGHT OR SMOOTH CURVES (AS DELINEATED ON THE PLANS) WITH NO INTERRUPTIONS SUCH AS CHORDS, WAVES, JOGS, OR MISSED TANGENTS. PAVEMENT WITH SUCH INTERRUPTION SHALL BE REMOVED.

CITY STANDARDS

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF SANGER, TEXAS, STANDARD SPECIFICATIONS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

DIMENSIONS ARE TO BACKS OF CURBS, TO CENTERLINES OF FENCES, OR TO EDGES OF PAVEMENTS, UNLESS OTHERWISE INDICATED. WRITTEN AND NUMBERED DIMENSIONS HOLD PRECEDENCE OVER SCALED DIMENSIONS.

ADJUSTMENTS

IF THE CONTRACTOR BELIEVES IT IS NECESSARY TO MAKE AN ADJUSTMENT IN THE LAYOUT OR GRADE OF PROPOSED IMPROVEMENTS, SUCH AN ADJUSTMENT SHALL BE PROPOSED TO THE OWNER'S REPRESENTATIVE. NO ADJUSTMENT WILL BE PERMITTED UNTIL IT HAS FIRST BEEN APPROVED BY THE OWNER'S REPRESENTATIVE.

ALL DISTURBED AREAS BY GRADING OR CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS. ANY EXISTING TURF DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE RE-SODDED PER SPECIFICATIONS. SOIL COMPACTED BY VEHICULAR TRAFFIC AND OTHER CONSTRUCTION ACTIVITIES SHALL BE SCARIFIED AND FINE GRADED PRIOR TO RESODDING.

ANY CONCRETE PAVING, CURBS AND RAMPS DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND REPLACED IN FULL.

• CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 1.5%. • LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 4.5%.

PARKING CALCULATIONS

STANDARD ADA STALLS ADA STALLS

SHALL CALL TEXAS 811, 1-800-344-8377.

PROVIDED 232 8 (6 ADA, 2 VAN)

7 (6 ADA, 1 VAN)

EXISTING UTILITIES
CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH TOWN OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR





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City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid **DESCRIPTION** # DATE

Overall Construction **Layout Plan**

AS INDICATED BY: 00

1. 6' HT. CHAIN LINK OUTFIELD FENCE PER DETAIL C1/L-501.

2. SCOREBOARD PER SPECIFICATIONS.

3. FOUL POLE. INSTALL IN-LINE WITH FOUL LINE AND OUTFIELD FENCE. INSTALL BOTTOM OF FIN 6'-6" ABOVE FINISH GRADE. REF. SPECIFICATIONS AND DETAIL A5/L-501.

4. EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER

SPECIFICATIONS. 5. CONCRETE CURB PER DETAIL A4, B4/L-501.

6. 5" THICK CONCRETE PEDESTRIAN PAVING PER DETAIL A1/L-501. . UNDERCUT HEADER TO EXISTING CONCRETE SIDEWALK PER DETAIL B1.

8. INSTALL FENCE PADS ON EXISTING FOUL LINE FENCING AND NEW OUTFIELD FENCING PER SPECIFICATIONS.

9. PITCHING RUBBER PER SPECIFICATIONS. VERIFY PITCHING DISTANCE WITH OWNER PRIOR TO INSTALLATION.

10. BASES AND HOME PLATE PER SPECIFICATIONS. 11. RE-AIM EXISTING MUSCO LIGHT FIXTURES TO NEW FIELD LAYOUT.

CONTACT: MUSCO - CHRIS JOHNSON, CHRIS.JOHNSON@MUSCO.COM.

12. EXISTING SCOREBOARD CONTROLLER TO BE REPLACED WITH NEW CONTROLLER COMPATIBLE WITH SCOREBOARD PER SPECIFICATIONS.

LEGEND

EXISTING CHAIN LINK FENCE

— x — x — x — 6" HT. CHAIN LINK FENCE PER DETAIL A1/L-501.

ISOLATION JOINT PER DETAIL A1/L-501

5" THICK CONCRETE PEDESTRIAN PAVING

PER DETAIL A1/L-501.

EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER SPECIFICATIONS.

SITE CONSTRUCTION GENERAL NOTES

EXAMINATION OF SITE OF WORK

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GROUNDCOVER

ALL DISTURBED AREAS BY GRADING OR CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS. ANY EXISTING TURF DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE RE-SODDED PER SPECIFICATIONS. SOIL COMPACTED BY VEHICULAR TRAFFIC AND OTHER CONSTRUCTION ACTIVITIES SHALL BE SCARIFIED AND FINE GRADED PRIOR TO RESODDING.

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STANDARD ADA STALLS

PROVIDED 232 7 (6 ADA, 1 VAN) 8 (6 ADA, 2 VAN)

DEDUCT BID ALTERNATE ONE

AT NEW OUTFIELD FENCE LOCATION, REUSE EXISTING OUTFIELD FENCE MESH AND RAILS AND INSTALL ON NEW RAIL AND CORNER POSTS AND FOOTINGS.

EXISTING UTILITIES

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CLIENT

City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22 **KEY PLAN**

> - 10/21/2022 Issue for Bid **DESCRIPTION** # DATE

Construction **Layout Plan** 'Field 1'

AS INDICATED BY: (00)

1. 6' HT. CHAIN LINK OUTFIELD FENCE PER DETAIL C1/L-501.

2. SCOREBOARD PER SPECIFICATIONS.

3. FOUL POLE. INSTALL IN-LINE WITH FOUL LINE AND OUTFIELD FENCE. INSTALL BOTTOM OF FIN 6'-6" ABOVE FINISH GRADE. REF. SPECIFICATIONS AND DETAIL A5/L-501.

4. EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER

SPECIFICATIONS. 5. CONCRETE CURB PER DETAIL A4, B4/L-501.

6. 5" THICK CONCRETE PEDESTRIAN PAVING PER DETAIL A1/L-501. 7. UNDERCUT HEADER TO EXISTING CONCRETE SIDEWALK PER DETAIL B1,

8. INSTALL FENCE PADS ON EXISTING FOUL LINE FENCING AND NEW **OUTFIELD FENCING PER SPECIFICATIONS.**

9. PITCHING RUBBER PER SPECIFICATIONS. VERIFY PITCHING DISTANCE WITH OWNER PRIOR TO INSTALLATION.

10. BASES AND HOME PLATE PER SPECIFICATIONS. 11. RE-AIM EXISTING MUSCO LIGHT FIXTURES TO NEW FIELD LAYOUT.

CONTACT: MUSCO - CHRIS JOHNSON, CHRIS.JOHNSON@MUSCO.COM. 12. EXISTING SCOREBOARD CONTROLLER TO BE REPLACED WITH NEW

CONTROLLER COMPATIBLE WITH SCOREBOARD PER SPECIFICATIONS.

LEGEND

EXISTING CHAIN LINK FENCE

— x — x — x — 6" HT. CHAIN LINK FENCE PER DETAIL A1/L-501.

ISOLATION JOINT PER DETAIL A1/L-501

5" THICK CONCRETE PEDESTRIAN PAVING PER DETAIL A1/L-501.

EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER SPECIFICATIONS.

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CITY STANDARDS

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF SANGER, TEXAS, STANDARD SPECIFICATIONS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

DIMENSIONS ARE TO BACKS OF CURBS, TO CENTERLINES OF FENCES, OR TO EDGES OF PAVEMENTS, UNLESS OTHERWISE INDICATED. WRITTEN AND NUMBERED DIMENSIONS HOLD PRECEDENCE OVER SCALED DIMENSIONS.

ADJUSTMENTS

IF THE CONTRACTOR BELIEVES IT IS NECESSARY TO MAKE AN ADJUSTMENT IN THE LAYOUT OR GRADE OF PROPOSED IMPROVEMENTS, SUCH AN ADJUSTMENT SHALL BE PROPOSED TO THE OWNER'S REPRESENTATIVE. NO ADJUSTMENT WILL BE PERMITTED UNTIL IT HAS FIRST BEEN APPROVED BY THE OWNER'S REPRESENTATIVE.

GROUNDCOVER

ALL DISTURBED AREAS BY GRADING OR CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS. ANY EXISTING TURF DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE RE-SODDED PER SPECIFICATIONS. SOIL COMPACTED BY VEHICULAR TRAFFIC AND OTHER CONSTRUCTION ACTIVITIES SHALL BE SCARIFIED AND FINE GRADED PRIOR TO RESODDING.

ANY CONCRETE PAVING, CURBS AND RAMPS DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND REPLACED IN FULL.

• CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 1.5%. • LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 4.5%.

PARKING CALCULATIONS

STANDARD ADA STALLS ADA STALLS

7 (6 ADA, 1 VAN)

8 (6 ADA, 2 VAN)

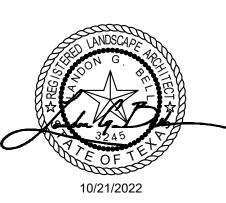
DEDUCT BID ALTERNATE ONE

AT NEW OUTFIELD FENCE LOCATION, REUSE EXISTING OUTFIELD FENCE MESH AND RAILS AND INSTALL ON NEW RAIL AND CORNER POSTS AND FOOTINGS.

EXISTING UTILITIES

CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH TOWN OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.





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CLIENT

City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid

DATE DESCRIPTION

Construction **Layout Plan** 'Field 2'

AS INDICATED BY: 00

1. 6' HT. CHAIN LINK OUTFIELD FENCE PER DETAIL C1/L-501.

2. SCOREBOARD PER SPECIFICATIONS.

3. FOUL POLE. INSTALL IN-LINE WITH FOUL LINE AND OUTFIELD FENCE. INSTALL BOTTOM OF FIN 6'-6" ABOVE FINISH GRADE. REF. SPECIFICATIONS AND DETAIL A5/L-501.

4. EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER SPECIFICATIONS.

5. CONCRETE CURB PER DETAIL A4, B4/L-501.

6. 5" THICK CONCRETE PEDESTRIAN PAVING PER DETAIL A1/L-501. 7. UNDERCUT HEADER TO EXISTING CONCRETE SIDEWALK PER DETAIL B1,

8. INSTALL FENCE PADS ON EXISTING FOUL LINE FENCING AND NEW OUTFIELD FENCING PER SPECIFICATIONS.

9. PITCHING RUBBER PER SPECIFICATIONS. VERIFY PITCHING DISTANCE WITH OWNER PRIOR TO INSTALLATION. 10. BASES AND HOME PLATE PER SPECIFICATIONS.

11. RE-AIM EXISTING MUSCO LIGHT FIXTURES TO NEW FIELD LAYOUT. CONTACT: MUSCO - CHRIS JOHNSON, CHRIS.JOHNSON@MUSCO.COM.

12. EXISTING SCOREBOARD CONTROLLER TO BE REPLACED WITH NEW CONTROLLER COMPATIBLE WITH SCOREBOARD PER SPECIFICATIONS.

LEGEND

EXISTING CHAIN LINK FENCE

— x — x — x — 6" HT. CHAIN LINK FENCE PER DETAIL A1/L-501.

ISOLATION JOINT PER DETAIL A1/L-501

5" THICK CONCRETE PEDESTRIAN PAVING

PER DETAIL A1/L-501.

EXISTING INFIELD DIRT TO RECEIVE FINE GRADING AND CONDITIONER PER SPECIFICATIONS.

SITE CONSTRUCTION GENERAL NOTES

EXAMINATION OF SITE OF WORK

BEFORE SUBMITTING A BID, EACH BIDDER SHALL CAREFULLY EXAMINE THE SITE OF WORK. EACH BIDDER SHALL INFORM HIMSELF/HERSELF PRIOR TO BIDDING AS TO THE EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND SHALL INCLUDE IN HIS/HER BID A SUM TO COVER ALL COSTS OF ALL ITEMS NECESSARY TO PERFORM THE WORK AS SET FORTH IN THE CONTRACT DOCUMENTS. NO ALLOWANCE WILL BE MADE TO ANY BIDDER BECAUSE OF LACK OF SUCH EXAMINATION OR KNOWLEDGE. THE SUBMISSION OF A BID SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE BIDDER IS SUFFICIENTLY FAMILIAR WITH ALL RELEVANT CONDITIONS.

CONCRETE FORMWORK AND REINFORCEMENT

THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO THE PLANNED PLACEMENT OF CONCRETE. THE OWNER'S REPRESENTATIVE MUST HAVE OBSERVED AND APPROVED THE FORMWORK AND REINFORCEMENT PRIOR TO ANY PLACEMENT OF CONCRETE

CONCRETE FINISH AND SAW JOINTS

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ON THE SITE SAMPLE PANELS OF PAVEMENT, SIZE PER SPECIFICATIONS, OR 4' X 4' IF NOT SPECIFIED, IN SIZE FOR EACH FINISH OF CONCRETE PAVEMENT. THE SURFACE FINISHES SHALL BE AS APPROVED BY THE ARCHITECT. ANY CONCRETE PLACED WITH AN IMPROPER FINISH SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SAW JOINTS SHALL BE SAWN WITHIN 24 HOURS OF CONCRETE PLACEMENT. ANY CONCRETE SAWN LATER THAN THIS WHICH, IN THE OPINION OF THE OWNER'S REPRESENTATIVE, HAS EXCESSIVE SHRINKAGE CRACKS DUE TO NOT HAVING BEEN SAWN SOON ENOUGH, SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

ALIGNMENT AND TANGENCY OF PAVEMENTS

THE EDGES OF ALL FINISHED PAVING SHALL BE STRAIGHT OR SMOOTH CURVES (AS DELINEATED ON THE PLANS) WITH NO INTERRUPTIONS SUCH AS CHORDS, WAVES, JOGS, OR MISSED TANGENTS. PAVEMENT WITH SUCH INTERRUPTION SHALL BE REMOVED.

CITY STANDARDS

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DIMENSIONS ARE TO BACKS OF CURBS, TO CENTERLINES OF FENCES, OR TO EDGES OF PAVEMENTS, UNLESS OTHERWISE INDICATED. WRITTEN AND NUMBERED DIMENSIONS HOLD PRECEDENCE OVER SCALED DIMENSIONS.

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GROUNDCOVER

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ANY CONCRETE PAVING, CURBS AND RAMPS DAMAGED BY CONTRACTOR'S

OPERATIONS SHALL BE REPAIRED AND REPLACED IN FULL.

 CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 1.5%. LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 4.5%.

PARKING CALCULATIONS

STANDARD ADA STALLS

PROVIDED 232 7 (6 ADA, 1 VAN) 8 (6 ADA, 2 VAN)

DEDUCT BID ALTERNATE ONE

AT NEW OUTFIELD FENCE LOCATION, REUSE EXISTING OUTFIELD FENCE MESH AND RAILS AND INSTALL ON NEW RAIL AND CORNER POSTS AND FOOTINGS.

EXISTING UTILITIES

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City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid # DATE DESCRIPTION

Construction **Layout Plan**

'Field 3'

GRADING LEGEND

----612.5---- EXISTING 0.5' CONTOUR EXISTING 1' CONTOUR PROPOSED CONTOUR ____612.5____

SPOT ELEVATION

1%_

TOP OF FIELD FINISHED GRADE MATCH EXISTING FINISHED GRADE

GRADING NOTES

- CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 1.5%. LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 4.5%.
- REF. SHEET LX100 FOR SURVEY CONTROL AND BENCHMARKS.
-). REF. TO FINE GRADING ATHLETIC FIELD SPECIFICATION 31 22 13.10.

EXISTING UTILITIES
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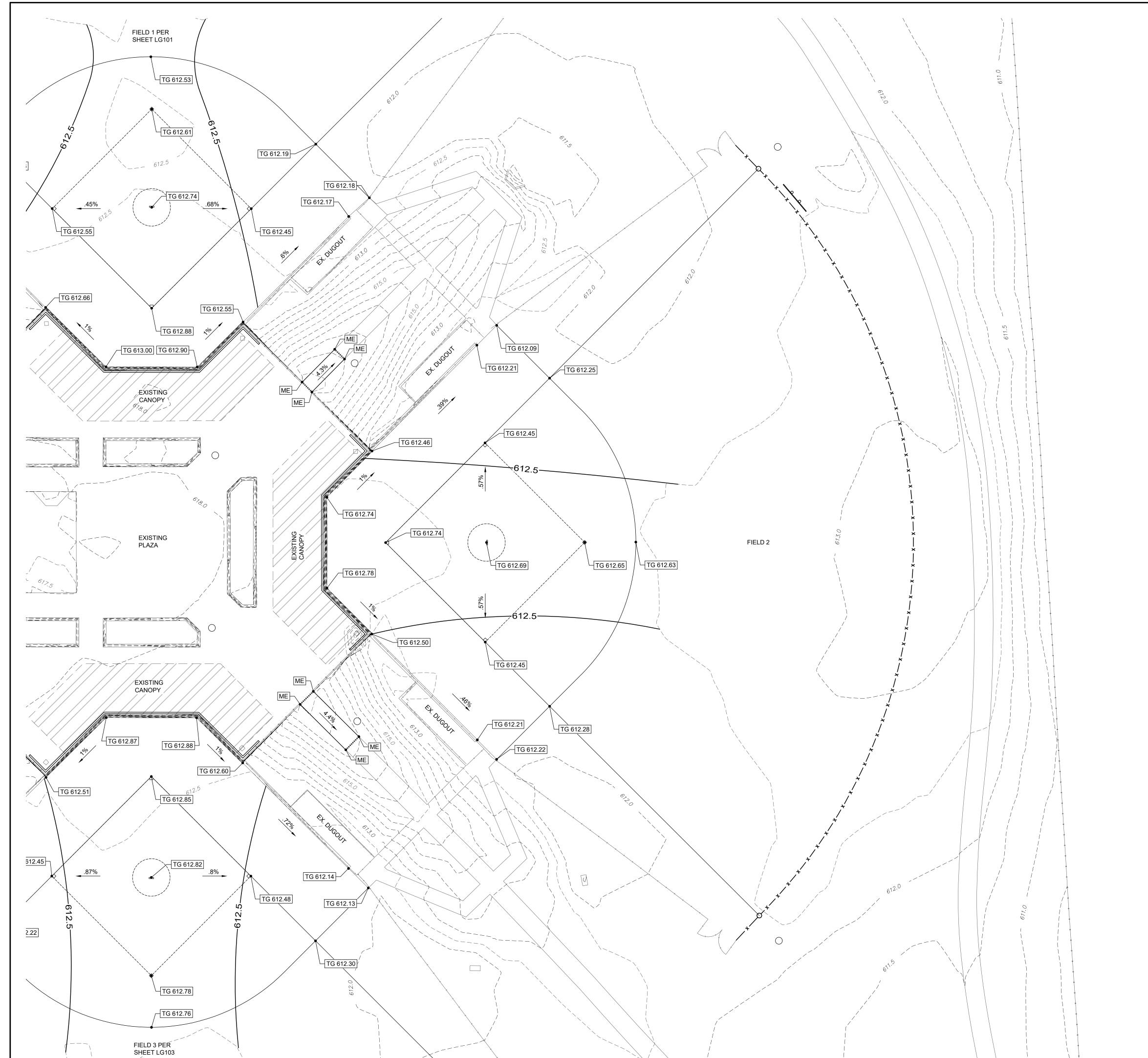
PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid

Grading Plan 'Field 1'

LG101



GRADING LEGEND

----612.5---- EXISTING 0.5' CONTOUR EXISTING 1' CONTOUR

____612.5____ PROPOSED CONTOUR TG 612.20 SPOT ELEVATION

1%_

TOP OF FIELD FINISHED GRADE

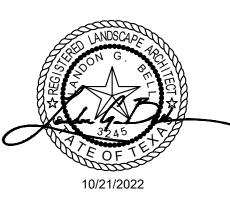
MATCH EXISTING FINISHED GRADE

GRADING NOTES

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- C. REF. SHEET LX100 FOR SURVEY CONTROL AND BENCHMARKS.
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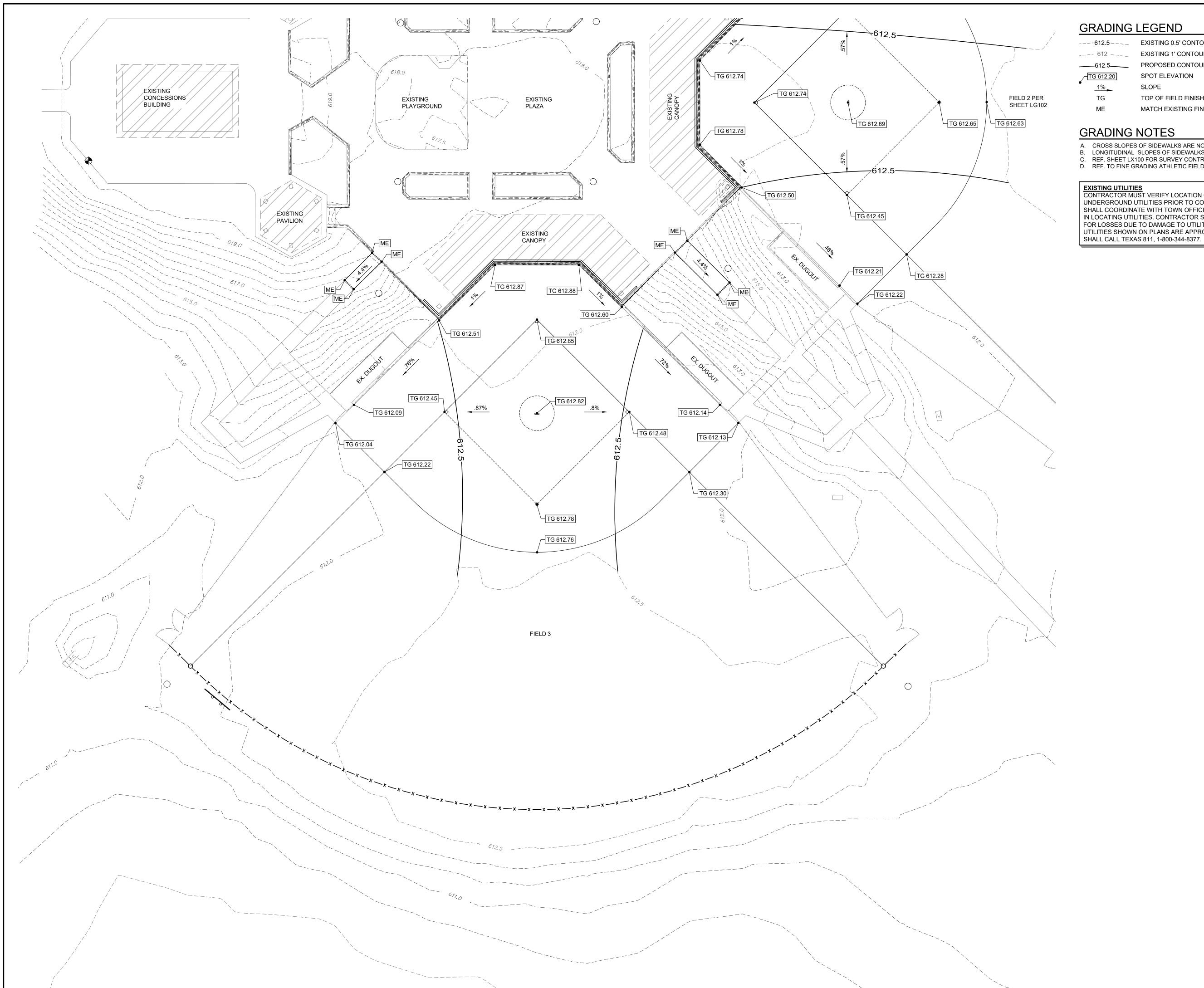
PROJECT NO. 8156.22

KEY PLAN

- 10/21/2022 Issue for Bid

Grading Plan 'Field 2'

LG102



GRADING LEGEND

----612.5---- EXISTING 0.5' CONTOUR EXISTING 1' CONTOUR PROPOSED CONTOUR

SPOT ELEVATION

TOP OF FIELD FINISHED GRADE

MATCH EXISTING FINISHED GRADE

GRADING NOTES

- A. CROSS SLOPES OF SIDEWALKS ARE NOT TO EXCEED 1.5%.B. LONGITUDINAL SLOPES OF SIDEWALKS ARE NOT TO EXCEED 4.5%.
- C. REF. SHEET LX100 FOR SURVEY CONTROL AND BENCHMARKS.
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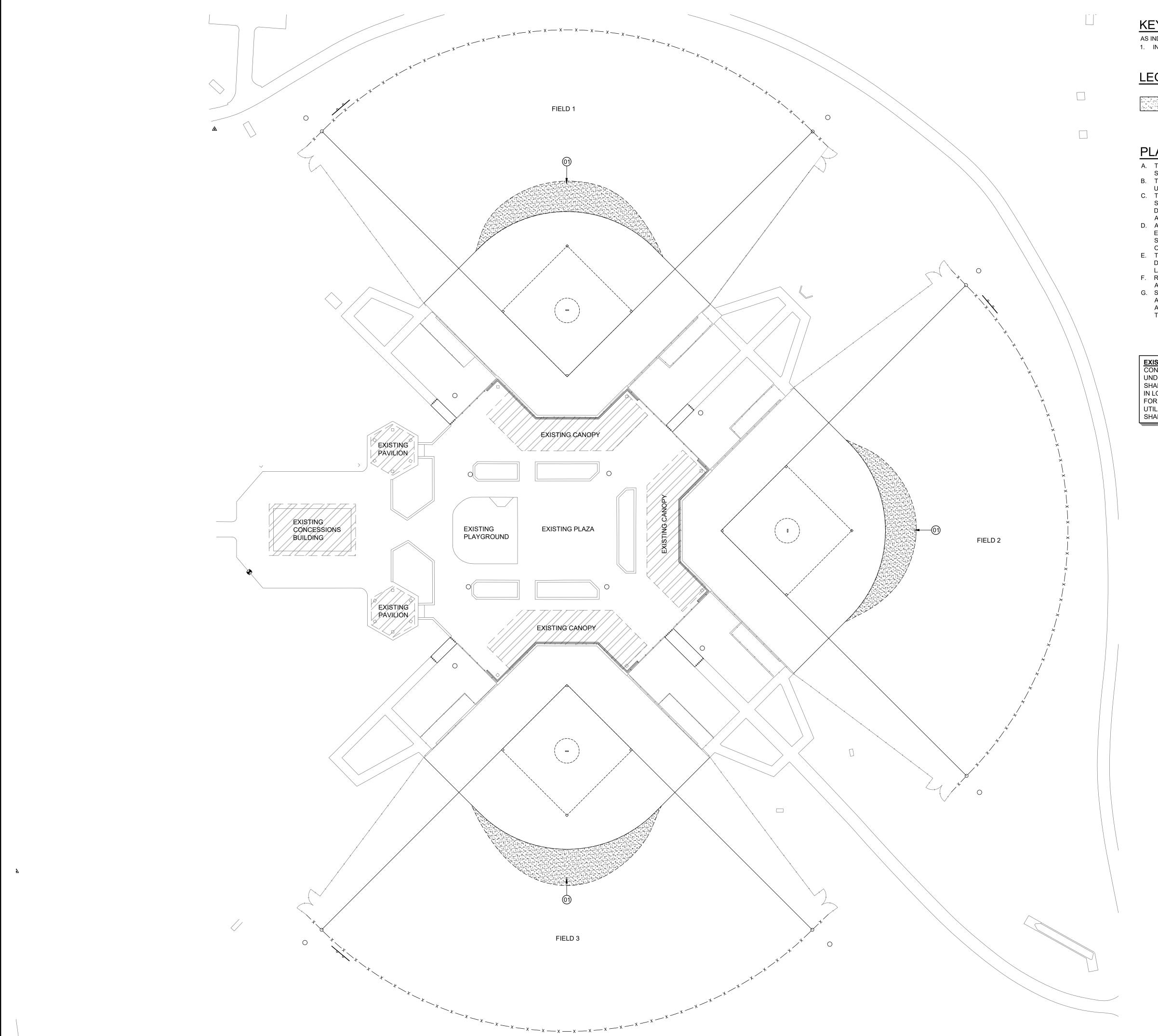
PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid

Grading Plan 'Field 3'

LG103



AS INDICATED BY: 000

1. INSTALL ROLL SOD AS SPECIFIED.

LEGEND

PLANTING GENERAL NOTES

A. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT AND SPECIFICATIONS FOR REQUIREMENTS NOT LISTED HEREIN.

ROLL SOD AS SPECIFIED

- B. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
- C. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING PLAN SHOWN ON ALL DRAWINGS. PLANT COUNTS AND SQUARE FOOTAGES ARE PROVIDED AS A COURTESY ONLY.
- D. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN
- E. THE RIGHT TO REJECT PLANT MATERIALS DELIVERED TO THE SITE THAT DO NOT BEAR APPROVAL TAGS IS RESERVED BY THE PROJECT LANDSCAPE ARCHITECT.
- F. REFER TO SPECIFICATIONS FOR SPECIFIED PLANTING SOIL AND AMENDMENTS IN TURF AREAS.
- G. SOD SHALL BE PLANTED AND ESTABLISHED, AS SPECIFIED, OVER ANY AREAS DISTURBED BY CONSTRUCTION. THE GRASS LIMITS LINES SHOWN ARE NOT ABSOLUTE. TURFGRASS PLANTING SHALL TAKE PLACE BEYOND THE LIMITS IF THE AREA IS DISTURBED.

EXISTING UTILITIES
CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH TOWN OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.





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City of Sanger 2201 S. Stemmons Sanger, TX 76266

PROJECT NO.

8156.22 **KEY PLAN**

- 10/21/2022 Issue for Bid

Planting Plan

IRRIGATION - TCEQ GENERAL NOTES

- 1. THIS IRRIGATION SYSTEM SHALL BE DESIGNED AND SHALL BE INSTALLED ACCORDING TO TEXAS ADMINISTRATIVE CODE, TITLE 30 -ENVIRONMENTAL QUALITY, PART 1 - TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), CHAPTER 344 - LANDSCAPE IRRIGATION: THE FOLLOWING INFORMATION IS PROVIDED AS A COURTESY
- AND IS NOT A COMPLETE LIST OF TCEQ REQUIREMENTS. 2. THE MAXIMUM SPACING BETWEEN EMISSION DEVICES MUST NOT EXCEED THE MANUFACTURER'S PUBLISHED RADIUS OR SPACING OF THE DEVICE.
- EMISSION DEVICES IN LANDSCAPES THAT ARE LESS THAN 48 INCHES NOT INCLUDING THE IMPERVIOUS SURFACES IN EITHER LENGTH OR WIDTH AND WHICH CONTAIN IMPERVIOUS PEDESTRIAN OR VEHICULAR TRAFFIC SURFACES ALONG TWO OR MORE PERIMETERS. 4. EMISSION DEVICES MUST BE INSTALLED TO OPERATE AT THE MINIMUM
- AND NOT ABOVE THE MAXIMUM SPRINKLER HEAD PRESSURE AS PUBLISHED BY THE MANUFACTURER FOR THE NOZZLE AND HEAD SPACING THAT IS USED.
- 5. IRRIGATION SYSTEMS SHALL NOT SPRAY WATER OVER SURFACES MADE OF CONCRETE, ASPHALT, BRICK, WOOD, STONES SET WITH MORTAR, OR ANY OTHER IMPERVIOUS MATERIAL, SUCH AS, BUT NOT LIMITED TO, WALLS, FENCES, SIDEWALKS, STREETS, ETC.
- 6. ALL NEW IRRIGATION SYSTEMS THAT ARE INSTALLED USING PVC PIPE AND FITTINGS SHALL BE PRIMED WITH A COLORED PRIMER PRIOR TO APPLYING THE PVC CEMENT. 7. THE IRRIGATION SYSTEM MUST INCLUDE AN ISOLATION VALVE BETWEEN
- THE WATER METER AND THE BACKFLOW PREVENTION DEVICE. 8. WATER CONTAINED WITHIN THE PIPING OF AN IRRIGATION SYSTEM IS DEEMED TO BE NON-POTABLE. NO DRINKING OR DOMESTIC WATER USAGE, SUCH AS, BUT NOT LIMITED TO, FILLING SWIMMING POOLS OR DECORATIVE FOUNTAINS, SHALL BE CONNECTED TO AN IRRIGATION
- SYSTEM. 9. HOSE BIBS MUST BE INSTALLED USING A QUICK COUPLER KEY ON A QUICK COUPLER INSTALLED IN A COVERED PURPLE VALVE BOX AND THE HOSE BIB AND ANY HOSES CONNECTED TO THE BIB MUST BE LABELED "NON-POTABLE, NOT SAFE FOR DRINKING." AN ISOLATION VALVE MUST BE INSTALLED UPSTREAM OF A QUICK COUPLER CONNECTING A HOSE BIB TO
- 10. A LICENSED IRRIGATOR OR A LICENSED IRRIGATION TECHNICIAN SHALL BE ON-SITE AT ALL TIMES WHILE THE LANDSCAPE IRRIGATION SYSTEM IS BEING INSTALLED.

AN IRRIGATION SYSTEM.

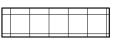
- 11. UPON COMPLETION OF THE IRRIGATION SYSTEM, THE IRRIGATOR OR IRRIGATION TECHNICIAN WHO PROVIDED SUPERVISION FOR THE ON-SITE INSTALLATION SHALL BE REQUIRED TO COMPLETE FOUR ITEMS: (1) A FINAL "WALK THROUGH" WITH THE IRRIGATION SYSTEM'S OWNER OR THE OWNER'S REPRESENTATIVE TO EXPLAIN THE OPERATION OF THE SYSTEM; (2) THE MAINTENANCE CHECKLIST ON WHICH THE IRRIGATOR OR IRRIGATION TECHNICIAN SHALL OBTAIN THE SIGNATURE OF THE IRRIGATION SYSTEM'S OWNER OR OWNER'S REPRESENTATIVE AND SHALL SIGN, DATE, AND SEAL THE CHECKLIST. (3) A PERMANENT STICKER WHICH CONTAINS THE IRRIGATOR'S NAME, LICENSE NUMBER, COMPANY NAME, TELEPHONE NUMBER AND THE DATES OF THE WARRANTY PERIOD SHALL BE AFFIXED TO EACH AUTOMATIC CONTROLLER INSTALLED BY THE IRRIGATOR OR IRRIGATION TECHNICIAN. (4) THE IRRIGATION PLAN INDICATING THE ACTUAL INSTALLATION OF THE SYSTEM MUST BE PROVIDED TO THE IRRIGATION SYSTEM'S OWNER OR OWNER REPRESENTATIVE.
- 12. THE ITEMS ON THE MAINTENANCE CHECKLIST SHALL INCLUDE BUT ARE NOT LIMITED TO: (A) THE MANUFACTURER'S MANUAL FOR THE AUTOMATIC CONTROLLER, IF THE SYSTEM IS AUTOMATIC; (B) A SEASONAL (SPRING, SUMMER, FALL, WINTER) WATERING SCHEDULE BASED ON EITHER CURRENT/REAL TIME EVAPOTRANSPIRATION OR MONTHLY HISTORICAL REFERENCE EVAPOTRANSPIRATION (HISTORICAL ET) DATA, MONTHLY EFFECTIVE RAINFALL ESTIMATES, PLANT LANDSCAPE COEFFICIENT FACTORS, AND SITE FACTORS; (C) A LIST OF COMPONENTS, SUCH AS THE NOZZLE, OR PUMP FILTERS, AND OTHER SUCH COMPONENTS; THAT REQUIRE MAINTENANCE AND THE RECOMMENDED FREQUENCY FOR THE SERVICE; AND (D) THE STATEMENT, "THIS IRRIGATION SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS OR ORDERS. I HAVE TESTED THE SYSTEM AND DETERMINED THAT IT HAS BEEN INSTALLED ACCORDING TO THE IRRIGATION PLAN AND IS PROPERLY ADJUSTED FOR THE MOST EFFICIENT APPLICATION OF WATER AT THIS TIME.".
- 13. THE IRRIGATOR SHALL PRESENT THE IRRIGATION SYSTEM'S OWNER OR OWNER'S REPRESENTATIVE WITH A WRITTEN WARRANTY COVERING MATERIALS AND LABOR FURNISHED IN THE NEW INSTALLATION OF THE IRRIGATION SYSTEM. THE IRRIGATOR SHALL BE RESPONSIBLE FOR ADHERING TO TERMS OF THE WARRANTY. IF THE IRRIGATOR'S WARRANTY IS LESS THAN THE MANUFACTURER'S WARRANTY FOR THE SYSTEM COMPONENTS, THEN THE IRRIGATOR SHALL PROVIDE THE IRRIGATION SYSTEM'S OWNER OR THE OWNER'S REPRESENTATIVE WITH APPLICABLE INFORMATION REGARDING THE MANUFACTURER'S WARRANTY PERIOD. THE WARRANTY MUST INCLUDE THE IRRIGATOR'S SEAL, SIGNATURE, AND DATE, WRITTEN WARRANTY ON NEW IRRIGATION SYSTEMS MUST SPECIFY THE IRRIGATOR'S NAME, BUSINESS ADDRESS, AND BUSINESS TELEPHONE NUMBER(S), MUST CONTAIN THE SIGNATURE OF THE IRRIGATION SYSTEM'S OWNER OR OWNER'S REPRESENTATIVE CONFIRMING RECEIPT OF THE WARRANTY AND MUST INCLUDE THE STATEMENT: "IRRIGATION IN TEXAS IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), MC-178, P.O. BOX 130897, AUSTIN, TEXAS 78711-3087. TCEQ'S WEBSITE IS:
- WWW.TCEQ.STATE.TX.US. 14. ON ALL MAINTENANCE, ALTERATIONS, REPAIRS, OR SERVICE TO EXISTING IRRIGATION SYSTEMS, AN IRRIGATOR SHALL PRESENT THE IRRIGATION SYSTEM'S OWNER OR OWNER'S REPRESENTATIVE A WRITTEN DOCUMENT THAT IDENTIFIES THE MATERIALS FURNISHED IN THE MAINTENANCE, ALTERATION, REPAIR, OR SERVICE AND ALL APPLICABLE

KEY NOTES

AS INDICATED BY: (00)

1. DESIGN / BUILD ROTOR IRRIGATION EXTENTS. SEE NOTE BELOW REGARDING DESIGN / BUILDING IRRIGATION IMPROVEMENTS AT SOFTBALL

LEGEND



DESIGN / BUILD ROTOR IRRIGATION EXTENTS.

DESIGN / BUILD IRRIGATION IMPROVEMENTS FOR NEW INFIELD

THE CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE EXISTING IRRIGATION SYSTEM TO PROVIDE FULL HEAD TO HEAD COVERAGE IN THE NEW TURF AREAS NEXT TO THE MODIFIED INFIELD EXTENTS. CONTRACTOR SHALL SUBMIT AN IRRIGATION PLAN SHOWING INTENDED MODIFICATIONS TO ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION. IRRIGATION PLAN SHALL BE SEALED BY LICENSED RRIGATOR IN THE STATE OF TEXAS.

THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING SYSTEM LAYOUT. IRRIGATION AS-BUILT PLANS ARE AVAILABLE TO CONTRACTOR UPON REQUEST. EMAIL LANDON BELL, RLA AT LGBELL@PARKHILL.COM.

REROUTE, REPAIR, OR REINSTALL EXISTING EQUIPMENT, INCLUDING LATERAL LINES, ROTOR HEADS OR CONTROL VALVES AS REQUIRED TO MAINTAIN FULL HEAD TO HEAD COVERAGE OF FIELDS. PROTECT EXISTING IRRIGATION EQUIPMENT WITHIN THE LIMITS OF WORK, WHICH IS INTENDED TO REMAIN. RE-WORKED IRRIGATION SHALL BE INSTALLED ACCORDING TO TCEQ REQUIREMENTS.

ALL NEW IRRIGATION EQUIPMENT SHALL MATCH EXISTING EQUIPMENT.

CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH TOWN OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES. LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL TEXAS 811, 1-800-344-8377.

IRRIGATION GENERAL NOTES

- 1. ALL IRRIGATION EQUIPMENT TO BE USED ON THE PROJECT SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO DELIVERY AND INSTALLATION.
- 2. ALL FITTINGS AND NECESSARY EQUIPMENT REQUIRED TO MAKE THIS IRRIGATION SYSTEM OPERATE PROPERLY AND TO COMPLY WITH LOCAL AND STATE CODES ARE INCIDENTAL TO THESE PLANS AND ARE THE CONTRACTOR'S RESPONSIBILITY.
- 3. LATERAL LINES SHALL BE INSTALLED A MINIMUM OF 12 INCHES BELOW FINISHED GRADE. MAIN LINES SHALL BE INSTALLED A MINIMUM OF 18 INCHES BELOW FINISHED GRADE. 4. THE CONTRACTOR SHALL LOCATE AND VERIFY EACH WATER TAP TO
- WHICH THIS THE IRRIGATION SYSTEM WILL CONNECT. 5. ALL EQUIPMENT AND INSTALLATION METHODS SHALL COMPLY WITH LOCAL
- AND STATE CODES AND THE PLANS AND SPECIFICATIONS.
- 6. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS AND METERS REQUIRED FOR THE FULL IMPLEMENTATION OF THE SYSTEM. 7. CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL
- UTILITIES PRIOR TO INITIATING WORK CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE OR INTERRUPTION IN SERVICE CAUSED BY EXCAVATIONS AND/OR WORK.
- 8. ALL REMOTE CONTROL VALVE WIRES NEED TO BE LABELED AT VALVE W/ WEATHER (WATER) PROOF LABELS, AND AT CONTROLLER WITH CORRESPONDING LABEL.
- 9. SPLICING OF REMOTE CONTROL VALVE WIRES IS NOT ALLOWED BETWEEN CONTROLLER AND VALVE BOX FOR REMOTE CONTROL VALVES, WIRES MUST BE CONTINUOUS FROM CONTROLLER TO REMOTE CONTROL VALVE WITHOUT SPLICING.
- 10. CONTRACTOR MUST VERIFY LOCATION OF ALL OVERHEAD AND

APPROXIMATE, CALL 1 (800) DIG-TESS.

- UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. 11. CONTRACTOR SHALL COORDINATE WITH CITY OFFICIALS AND UTILITY COMPANIES IN LOCATING UTILITIES, CONTRACTOR SHALL BE HELD RESPONSIBLE FOR LOSSES DUE TO DAMAGE TO UTILITIES, LOCATION FOR ALL UTILITIES SHOWN ON PLANS ARE
- 12. CONTRACTOR SHALL SIZE VALVE BOXES TO HOUSE THE ENTIRE ASSEMBLY OF BACKFLOW PREVENTION, VALVE, FILTER AND PRESSURE REDUCER.
- 13. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN
- ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS. 14. PIPE SLEEVES SHOWN CROSSING EXISTING PAVING SHALL BE BORED TO AVOID DAMAGE TO EXISTING ROADWAYS.
- 15. PRIOR TO A REQUEST FOR PUNCH LIST REVIEW, THE CONTRACTOR SHALL CYCLE THE ENTIRE IRRIGATION SYSTEM, CHECK FOR/REPAIR LEAKS, ADJUST HEAD RADII AND PATTERNS, FILL SETTLED TRENCHES, BRING VALVE BOXES AND HEADS TO FINISH GRADE, CREATE ZONE CHART, INSTALL GRAVEL IN VALVE BOXES, LABEL VALVES, INSTALL SENSORS, INSTALL PROPER WIRE CONNECTORS, INSTALL UNION VALVES, AND PROVIDE AS-BUILT DRAWINGS; SHOULD A PUNCH LIST REVIEW BE REQUESTED AND PERFORMED PRIOR TO THESE ITEMS BEING PERFORMED, THE CONTRACTOR SHALL PAY FOR ADDITIONAL TIME AND TRAVEL EXPENSES REQUIRED BY THE LANDSCAPE ARCHITECT FOR A FOLLOW-UP SITE VISIT.





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City of Sanger 2201 S. Stemmons

PROJECT NO.

8156.22 **KEY PLAN**

DESCRIPTION # DATE

Sanger, TX 76266

- 10/21/2022 Issue for Bid

Irrigation Plan



This outdoor LED baseball/softball scoreboard displays HOME and GUEST scores to 99, INNING to 9 and indicates BALL to three, STRIKE to two and OUT to two. Scoreboard shown with optional striping and amber PanaView® digits.

DIMENSIONS	UNCRATED WEIGHT	POWER (120 VAC)*	
4'-0" H x 9'-0" W x 8" D	96 lb (44 kg)	Red/Amber Digits	80 Watts, 0.7 Amp
(1.22 m, 2.74 m, 203 mm)		White Digits	160 Watts, 1.4 Amps

*Scoreboard requires a dedicated circuit. Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).

DIGITS & INDICATORS

- All digits are 18" (457 mm) high. All indicators are 2" (51 mm) in diameter. Select red, amber, or white LED digits and indicators.
- Scoreboard features robust weather-sealed digits (see <u>DD2495646</u>).
- Digits may be dimmed for night viewing.

 HOME, GUEST and INNING captions are 8" (203 mm) high. All other captions are 6" (152 mm) high.

at no additional cost.

DISPLAY COLOR

CONSTRUCTION Alcoa aluminum alloy 5052 for excellent corrosion resistance

PRODUCT SAFETY APPROVAL ETL-listed to UL 48, tested to CSA standards, and CE-labeled

OPERATING TEMPERATURES

Choose from 150+ colors (from Martin Senour® paint book)

Display: -22° to 122° Fahrenheit (-30° to 50° Celsius)
Console: 32° to 130° Fahrenheit (0° to 54° Celsius) Standard captions are vinyl, applied to the display face.

SCOREBOARD CONTROL OPTIONS

HARDWIRED.

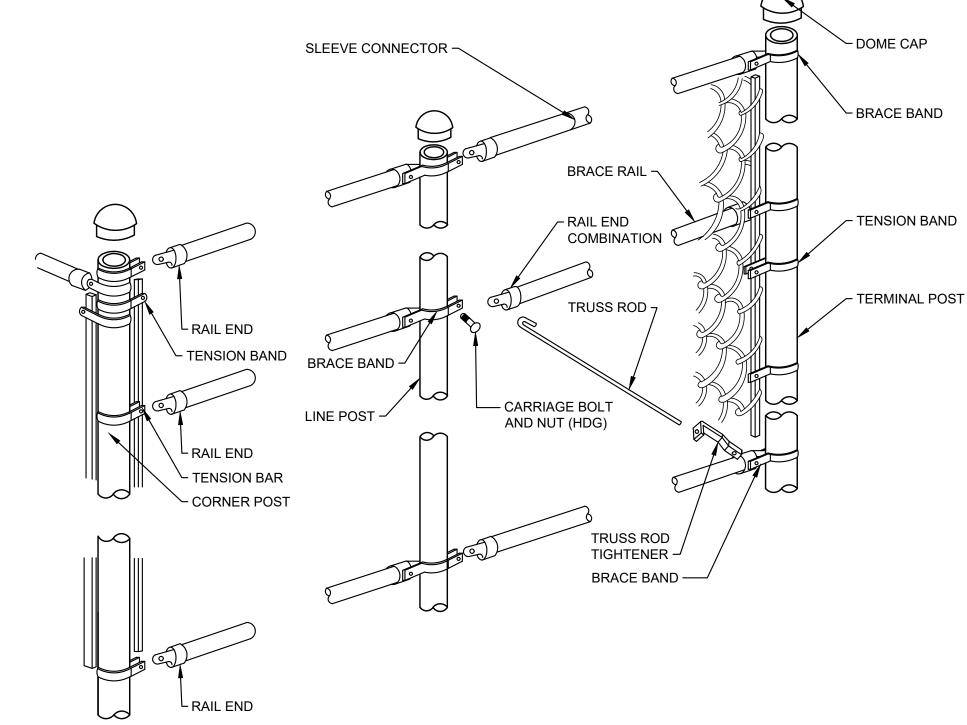
NEW PERMANENT CONTROLLERS TO REPLACE EXISTING PERMANENT CONTROLLERS AT BACKSTOPS.

WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

NOT TO SCALE

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006 Phone: 1-800-325-8766 or 605-692-0200 Fax: 605-697-4746 DD1739303 091420 Page 1 of 8

SCOREBOARD - BASIS OF DESIGN - MODEL BA-2518



CHAIN LINK OUTFIELD FENCE - TYP

LINE POST

- BOTTOM RAIL

ALL CHAINLINK FENCE IS TO

TERMINAL/

END POST -

BE GALVANIZED AS SPECIFIED.

FN_CHN_LINK_TYP

CHAIN LINK FENCE DATA (TYPE I -

ASTM F1083-06 REG GRADE PIPE)

H = FENCE HEIGHT

END/TERMINAL

POST SIZE

LINE POST SIZE

TOP AND BOTTOM

RAIL

MIDDLE RAIL

D = FOOTING DEPTH

F = FOOTING

DIAMETER S = POST SPACING

MESH SIZE

FABRIC GAUGE

6'-0" TO MATCH

EXIST.

2 3/8" OD SCH 40

1 7/8" OD SCH 40

1 5/8" OD SCH 40

N/A

3'-6"

1'-0"

8'-0" MAX OR AS SPEC'D

- LINE POST

TRUSS ROD

AT ALL END

POSTS

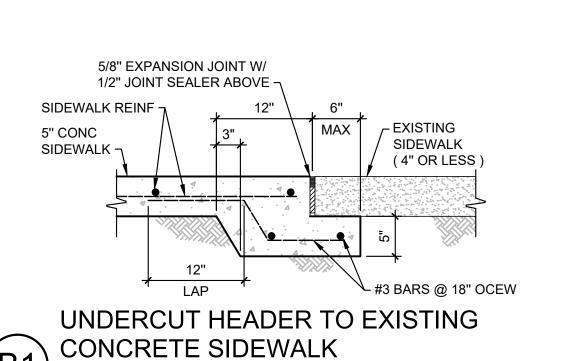
-FINISH

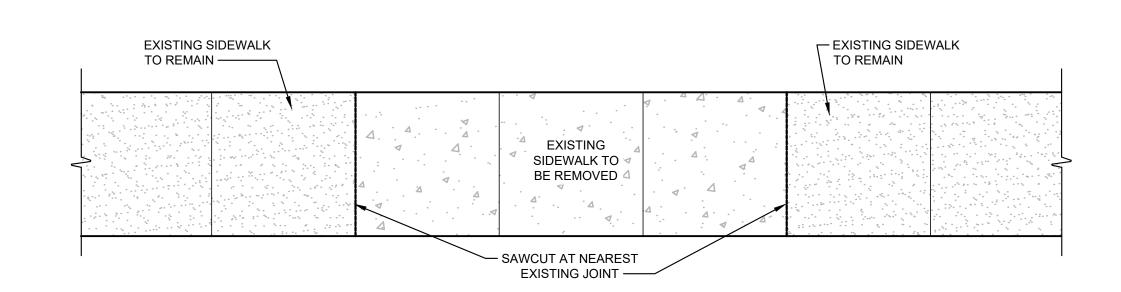
GRADE

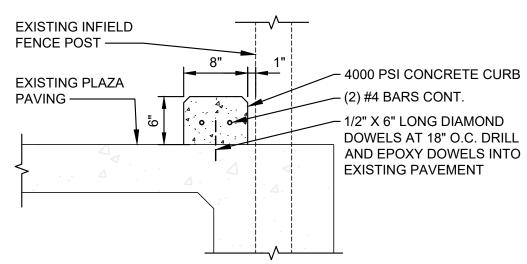
PVMT_CONC_SDWALK_CONN

TYPICAL FENCE COMPONENTS (DIAGRAMATIC NOT TO SCALE

L_TYP_CHAIN_LINK_FENCE_TOP_RAIL

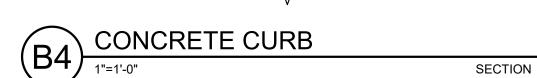


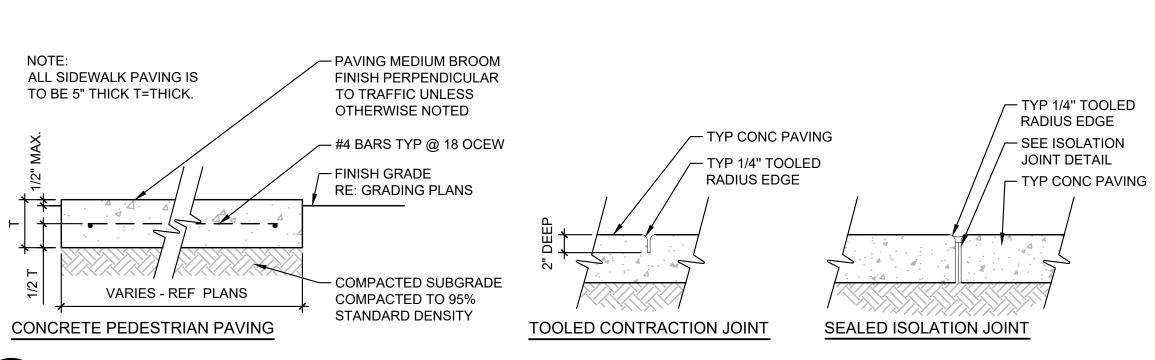


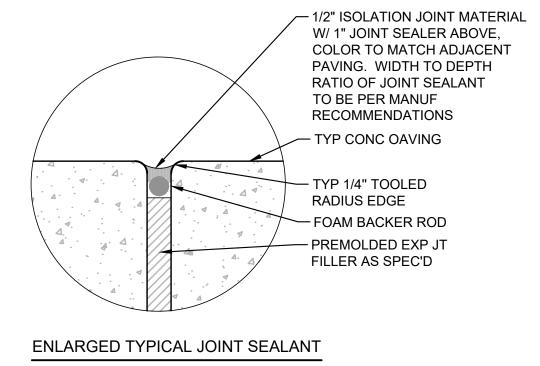


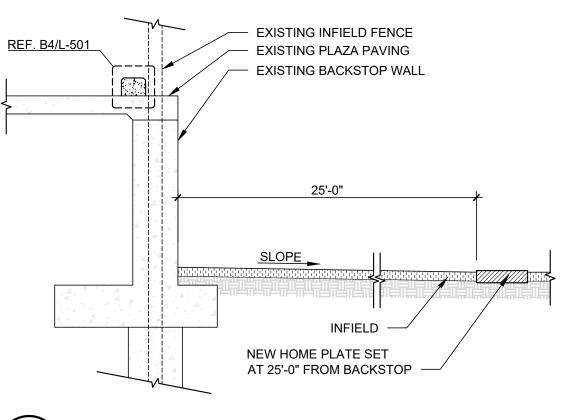


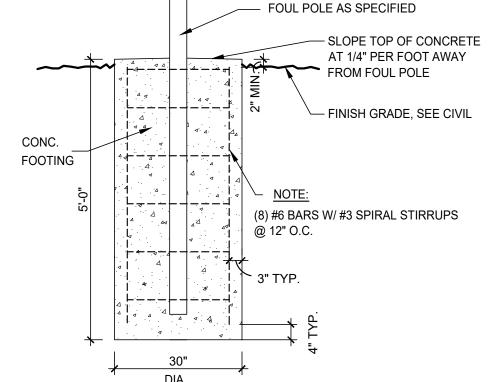
PVMT_SDWK_CONN_EX_SDWK











TYPICAL BACKSTOP SECTION

Site Details

DATE

- 10/21/2022 Issue for Bid

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City of Sanger

PROJECT NO.

8156.22

KEY PLAN

2201 S. Stemmons

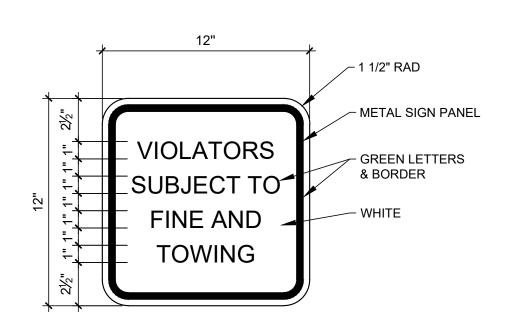
Sanger, TX 76266

5" THICK CONCRETE PEDESTRIAN PAVING

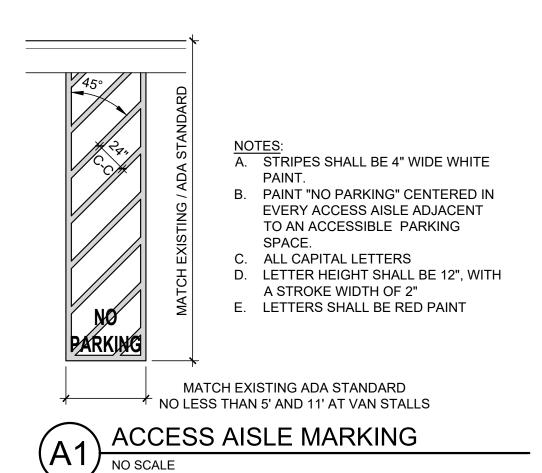
CONC_PVMT_TYP_JNT_DET

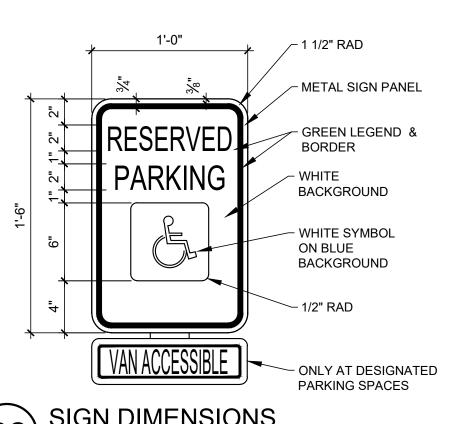
L-501

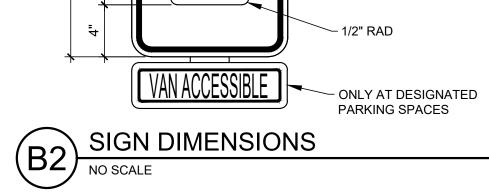
L_FOUL_POLE

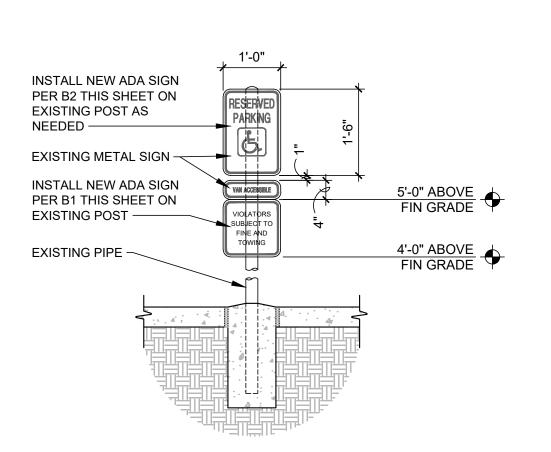




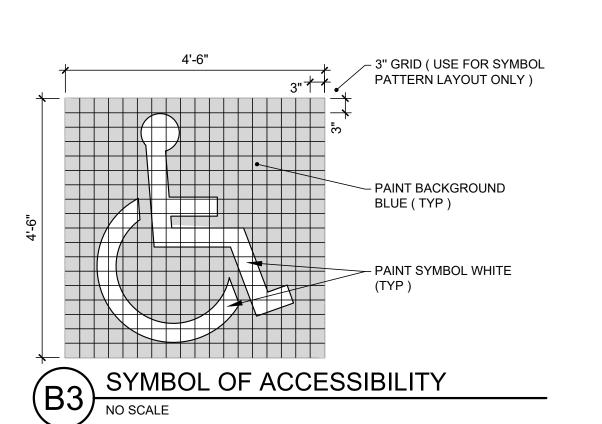


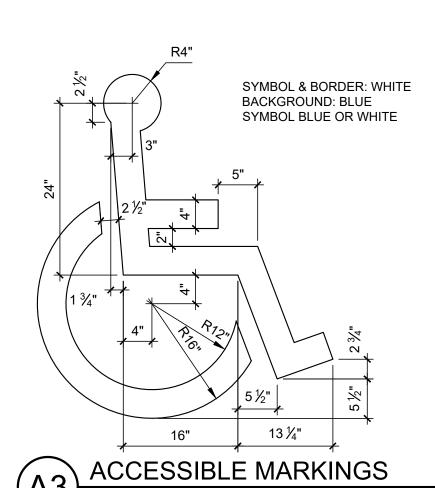












ACCESSIBLE MARKINGS NOTE

- 1. DIMENSIONS OF LIMIT LINES, AISLE MARKINGS, AND SYMBOL (WITH OR WITHOUT BACKGROUND) MAY VARY + 10%. 2. PAVEMENT MARKING SYMBOLS (WITH BACKGROUND): 2.1. ARE REQUIRED UNLESS STATED ELSEWHERE IN THE PLANS,
- 2.2. SHOULD BE PLACED TOWARD THE FAR END OF THE PARKING SPACES SO AS TO BE VISIBLE TO MOTORISTS IN THE TRAVEL LANE, 2.3. MAY BE PAINTED OR PREFABRICATED MATERIAL, AND 2.4. SHALL BE 48" x48" MINIMUM.
- 3. WITH APPROVAL OF THE ENGINEER, PREFABRICATED PAVEMENT MARKING SYMBOLS WITH BACKGROUND OF OTHER DIMENSIONS EXCEEDING THE 48" x 48" MINIMUM MAY BE USED. ALTERNATIVE DESIGNS SHALL INCLUDE A PROPORTION SIZED SYMBOL OF ACCESSIBILITY, AND SHALL CONFORM TO THE ILLUSTRATED COLORS FOR BACKGROUND, SYMBOL AND BORDER.
- 4. ALL PARKING SPACE LIMIT LINES SHALL BE 4" SOLID WHITE LINES. 5. AISLE MARKINGS SHOWN ARE EXAMPLES ONLY. OTHER METHODS TO INDICATE A NO PARKING AREA ARE ACCEPTABLE. AISLE MARKINGS SHALL BE WHITE. 6. AN R7-8 SIGN:
- 6.1. SHALL BE REQUIRED FOR EACH ACCESSIBLE PARKING SPACE, 6.2. SHALL NOT BE PLACED BETWEEN TWO ACCESSIBLE PARKING
- 6.3. SHALL NOT BE PLACED IN A LOCATION THAT RESTRICTS MOVEMENT OF WHEELCHAIRS WITHIN THE ADJACENT SIDEWALK, AND 6.4. SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 7 FEET. IF MOUNTED
- TO WALL OR LOCATED SO AS NOT TO BE NEAR PEDESTRIAN TRAFFIC MINIMUM MOUNTING HEIGHT MAY BE 7 FEET. 7. POST MOUNTED SIGNS SHOULD BE PLACED APPROXIMATELY 1 FOOT (OR GREATER) BEHIND THE CURB TO PREVENT DAMAGE FROM VEHICLE
- 8. SIGNS MAY BE MOUNTED DIRECTLY TO AN ADJACENT WALL OF A BUILDING WHEN POST MOUNTING IS IMPRACTICAL.

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City of Sanger 2201 S. Stemmons Sanger, TX 76266

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8156.22 **KEY PLAN**

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Site Details

L-502