

LEGAL DESCRIPTION:

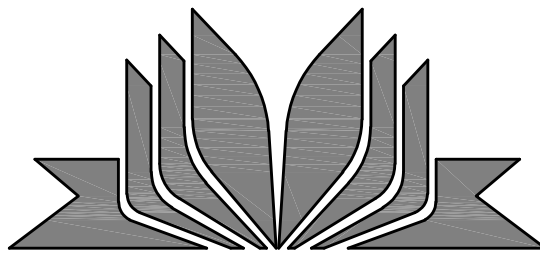
PART OF LOT ONE (1) AND PART OF LOT TWO (2), PARK PLAZA SOUTH,
AN ADDITION IN THE CITY OF TULSA, TULSA COUNTY, STATE OF OKLAHOMA,
ACCORDING TO THE RECORDED PLAT THEREOF.

PROJECT DATA:

PRIMARY CODES:
INTERNATIONAL BUILDING CODE, IBC 2018 EDITION
INTERNATIONAL PLUMBING CODE, IPC 2018 EDITION
INTERNATIONAL MECHANICAL CODE, IMC 2018 EDITION
INTERNATIONAL FIRE CODE, IFC 2018 EDITION
NATIONAL ELECTRICAL CODE, NEC 2020 EDITION
INTERNATIONAL FUEL GAS CODE, IFGC 2018 EDITION

PROPERTY INFORMATION:
ZONING: RS-3
PRESENT USE: ELEMENTARY SCHOOL
ZONING CODE USE UNIT: 5

OWNER:



T U L S A

PUBLIC SCHOOLS

INDEPENDENT SCHOOL DISTRICT NO. ONE
OF TULSA COUNTY
3027 South New Haven Avenue
Tulsa, Oklahoma 74114

TULSA PUBLIC SCHOOLS
INDEPENDENT SCHOOL DISTRICT NO. ONE OF TULSA COUNTY

GRISSOM ELEMENTARY SCHOOL NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT

6646 SOUTH 73RD EAST AVE., TULSA OK 74135



ARCHITECT:

GS HELMS
+ ASSOCIATES

ph: 918.298.7257 | 424 e. main st.
wb: gshelms.com | jenks, ok 74037

CIVIL ENGINEERING CONSULTANT:



wallace
design
collective

wallace design collective, pc
structural · civil · landscape · survey
123 north martin luther king jr. blvd.
tulsa, oklahoma 74103
918.584.5858
oklahoma ca1460
exp: 6-30-27

DRAWING LIST:

GENERAL

COVERSHEET
G1.1 SYMBOLS LEGEND, ABBREVIATIONS,
& GENERAL NOTES

CIVIL

C100 COVERSHEET - CIVIL
C101 GENERAL NOTES
C200 TOPOGRAPHIC SURVEY
C300 DEMOLITION & EROSION CONTROL PLAN
C400 OVERALL SITE MAP
C401 SITE & UTILITY PLAN
C500 GRADING PLAN
C501 EXISTING DRAINAGE MAP
C502 PROPOSED DRAINAGE MAP
C800 DETAILS
C801 DETAILS
C802 DETAILS
C803 DETAILS

PROJECT:

TULSA PUBLIC SCHOOLS
**GRISSOM ELEMENTARY
NEW DROP-OFF / PICK-UP
DRIVE & PARKING LOT**
6646 SOUTH 73RD EAST AVE., TULSA OK 74135

ISSUE: **CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING**

PROJECT NO.: 26-00400	ISSUE DATE: MARCH 13, 2026	SET NUMBER:
REVISION NO.: 0	REVISION DATE: MARCH 13, 2026	

SYMBOLS LEGEND		
	DRAWING TITLE	
	NORTH ARROW	
	ROOM NAME & NUMBER	
	DOOR NUMBER	
	WINDOW TYPE	
	WALL TYPE	
	DETAIL MARKER	
	SECTION MARKER	
	ELEVATION MARKER	
	ELEVATION DATUM	
	FRAMING GRID	

ABBREVIATIONS					
A	ACS	ACOUSTICAL CEILING SYSTEM	F	FD	FLOOR DRAIN
	ACP	ACCENT CARPET		FE	FIRE EXTINGUISHER
	A/C	AIR CONDITIONER		FEC	FIRE EXTINGUISHER CABINET
	ADJ.	ADJUSTABLE OR ADJACENT		FF	FACTORY FINISH
	AFF	ABOVE FINISHED FLOOR		FLR	FLOOR
	ALUM.	ALUMINUM		FP	FLAGPOLE
	ANOD.	ANODIZED		FRP	FIBERGLASS REINFORCED PANEL
	APPROX.	APPROXIMATE		FT.	FEET / FOOT
	@	AT		FV	FIELD VERIFY
	ATTEN.	ATTENUATION			
B			G		
	BD	BOARD		GA.	GAUGE
	BFF	BELOW FINISHED FLOOR		GAL.	GALLON
	BLDG	BUILDING		GALV.	GALVANIZED
	BTM	BOTTOM		GB	GYP SUM WALL BOARD
				GR	GROUT
				GWB	GYP SUM WALL BOARD
				GYP.	GYP SUM
C					
	C.J.	CONTROL JOINT		H	
	CG	CORNER GUARD		H/C	HANDICAP
	CL	CENTER LINE		HM	HOLLOW METAL
	CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED		HORIZ.	HORIZONTAL
	CLNG	CEILING		HR	HOUR
	CLR.	CLEAR			
	CMU	CONCRETE MASONRY UNIT	I		
	COLM.	COLUMN		I.D.	INSIDE DIAMETER
	CON.	CONCRETE		IN.	INCH
	CONT.	CONTINUOUS		INSUL.	INSULATION
	COOR.	COORDINATE		INTER.	INTERIOR
	CPT	CARPET			
	CT	CERAMIC TILE	J		
				JCT.	JUNCTION
				JNT.	JOINT
D			K		
	DF	DRINKING FOUNTAIN		K.D.	KNOCK DOWN
	DIAM.	DIAMETER			
	DN	DOWN	L		
	DR	DOOR		LAM.	LAMINATE
	DRWG	DRAWING		LAV	LAVATORY
				LF	LINEAL FEET
E					
	EA.	EACH		M	
	EIFS	EXTERIOR INSULATION & FINISH SYSTEM		MASON.	MASONRY
	E.J.	EXPANSION JOINT		MAT'L	MATERIAL
	ELEC.	ELECTRICAL		MAX	MAXIMUM
	ELEV.	ELEVATION		MDF	MEDIUM DENSITY FIBERBOARD
	EPF	EPOXY FLOORING		ME	MATCH EXISTING
	EPW	EPOXY WALL PAINT		MECH.	MECHANICAL
	EQ.	EQUAL		MFR	MANUFACTURER
	EQUIV.	EQUIVALENT		MIN.	MINIMUM
	ES	EXPOSED STRUCTURE		MISC.	MISCELLANEOUS
	ETC.	ET CETERA		MTL	METAL
	E.W.	EACH WAY			
	EX.	EXISTING			
			N		
				NIC	NOT IN CONTRACT
				NMBR.	NUMBER
				NO.	NUMBER
				NOM.	NOMINAL
				NTS	NOT TO SCALE
				O	
				O.C.	ON CENTER
				O.D.	OUTSIDE DIAMETER
				OF CI	OWNER FURNISHED CONTRACTOR INSTALLED
				OF OI	OWNER FURNISHED OWNER INSTALLED
				OPP.	OPPOSITE
				O.T.S.	OPEN TO STRUCTURE
			P		
				PLAST.	PLASTIC
				PWD.	PLYWOOD
				PR	PAIR
				PSF	POUNDS PER SQUARE FOOT
				PSI	POUNDS PER SQUARE INCH
				PT	PAINT
				Q	
					NOT USED
			R		
				R	RISERS
				RAD.	RADIUS
				RB	RESILIENT BASE
				RD	ROOF DRAIN
				RE:	REFERENCE
				REF	REFRIGERATOR
				REQ'D	REQUIRED
				REV.	REVISION
				RTU	ROOF TOP UNIT
			S		
				SC	SEALED CONCRETE
				SECT.	SECTION
				SF	SQUARE FEET
				SIM.	SIMILAR
				SPEC.	SPECIFICATION
				SQ.	SQUARE
				SQ. FT.	SQUARE FEET
				SQ. IN.	SQUARE INCH
				SS	SANITARY SEWER / SERVICE SINK / SOLID SURFACE / STAINLESS STEEL
			T		
				T	TREADS
				TELE.	TELEPHONE
				THK	THICK
				THRU	THROUGH
				TOM	TOP OF MASONRY
				TOS	TOP OF STEEL
				TS	TRANSITION STRIP
				TV	TELEVISION
				TYP.	TYPICAL

GENERAL NOTES	
1.	ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES.
2.	CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY TO PERFORM WORK IDENTIFIED ON PLANS, UNLESS SPECIFICALLY NOTED OTHERWISE.
3.	EMERGENCY MEANS OF EGRESS FROM THE EXISTING BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DO NOT BLOCK EGRESS PATHS WITH EQUIPMENT, MATERIALS, ETC.
4.	DIMENSIONS SHALL NOT BE DETERMINED BY SCALING DRAWINGS.
5.	CONTRACTOR SHALL PROPERLY DISPOSE OF ALL CONSTRUCTION DEBRIS.
6.	DURING WELDING OR ANY OTHER CONSTRUCTION ACTIVITY THAT GENERATES SPARKS OR INTENSE HEAT, THE CONTRACTOR SHALL PROVIDE ADEQUATE FIRE PROTECTION TO THE EXISTING STRUCTURE AND CONTENTS. AS A MINIMUM: -REMOVE COMBUSTIBLE MATERIALS FROM AREAS OF WELDING AND SPARKS. -PROVIDE FIREPROOF BLANKETS AND SHIELDS TO CONTAIN SPARKS WHERE COMBUSTIBLE MATERIAL CAN NOT BE REMOVED. -PROVIDE A FIRE SAFETY OBSERVER WITH A FIRE EXTINGUISHER DURING WELDING OPERATIONS.

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:	
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PROJECT NO.:	26-00400
FILE:	26-00400 g1-1
ISSUE DATE:	03.13.26
SCALE:	AS NOTED
DRAWN BY:	GSH
CHECKED BY:	GSH
APPROVED BY:	GSH

ARCHITECT: GS HELMS + ASSOCIATES
STRUCTURAL ENGINEER CONSULTANT

ph: 918.298.7257 | 424 e. main st.
wb: gshelms.com | jenkins, ok 74037

PROJECT TITLE: TULSA PUBLIC SCHOOLS
GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE: SYMBOLS LEGEND, ABBREVIATIONS & GENERAL NOTES

SHEET NUMBER:
G1.1

CONSTRUCTION DOCUMENTS FOR
GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF/PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE, TULSA, OKLAHOMA 74133

PART OF LOT ONE (1) AND PART OF LOT TWO (2), PARK PLAZA SOUTH, AN ADDITION IN THE CITY OF TULSA, TULSA COUNTY

CONTACTS:

ENGINEER:
WALLACE DESIGN COLLECTIVE, PC
JORDAN RODICH, PE
123 N. MARTIN LUTHER KING JR. BLVD
TULSA, OK 74103
918.584.5858

OWNER:
TULSA PUBLIC SCHOOLS
ATTN: SUE ANN BELL
3027 SOUTH NEW HAVEN
TULSA, OK 74114
918.833.8085

COT UTILITIES:
CITY OF TULSA PUBLIC WORKS
GARY MCCLENDON
UTILITIES COORDINATION MANAGER
175 E 2ND ST, SUITE 13-401
TULSA, OK 74103
918.596.2578
GMCCLENDON@CITYOFTULSA.ORG

ELECTRIC:
AEP/PUBLIC SERVICE COMPANY OF OKLAHOMA
ATTN: KEYLAN WATKINS
5223 SOUTH GARNETT
TULSA, OK 74146
918.384.9686

FIRE:
CITY OF TULSA FIRE DEPARTMENT
FIRE MARSHAL, CODY BANKS
1760 NEWBLOCK PARK DRIVE
TULSA, OK 74127
908.596.5584

GAS:
OKLAHOMA NATURAL GAS COMPANY
ATTN: BRANDON RAINBOLT
918.947.7098
BRANDON.RAINBOLT@ONG.COM

AS-BUILTS:

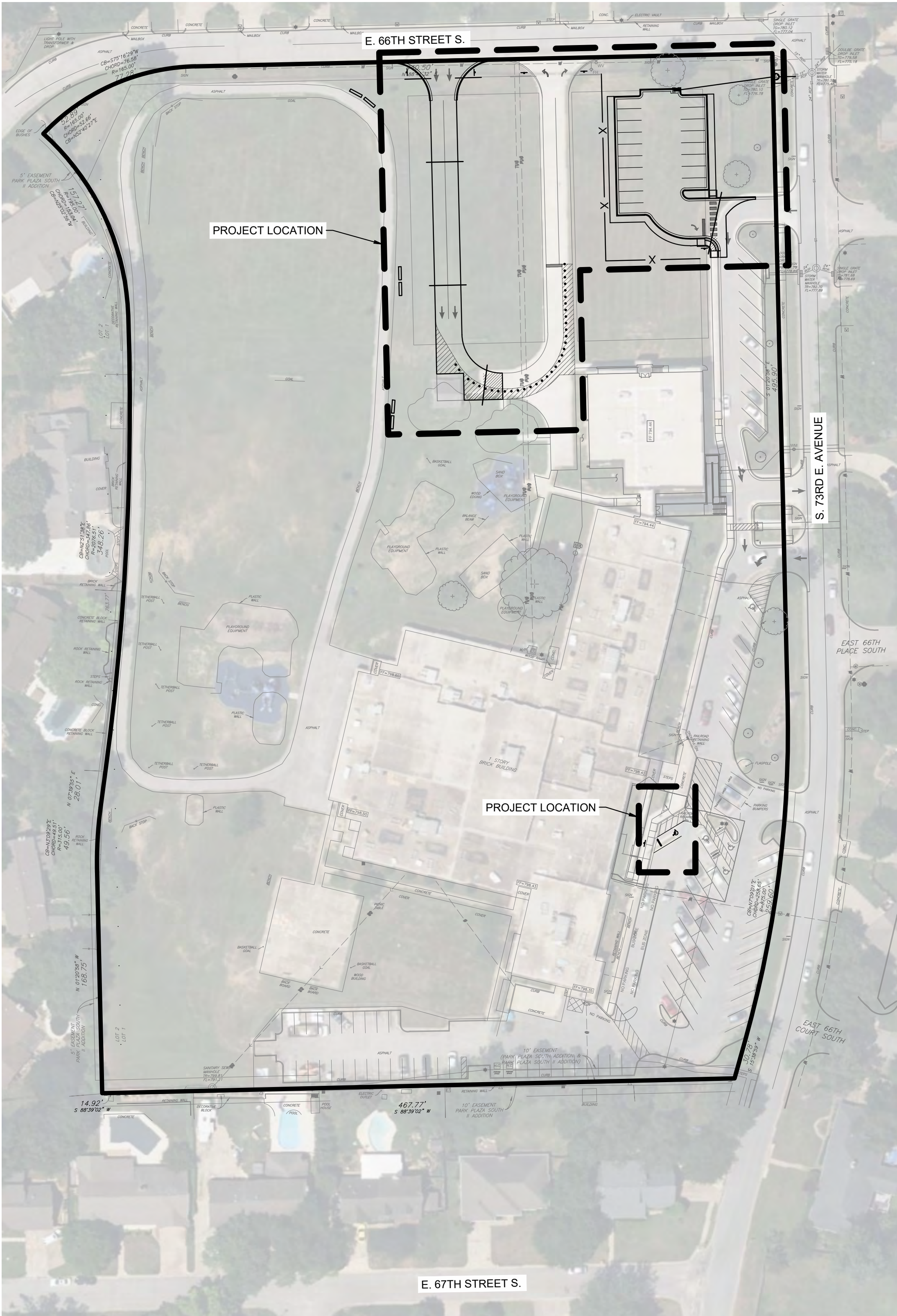
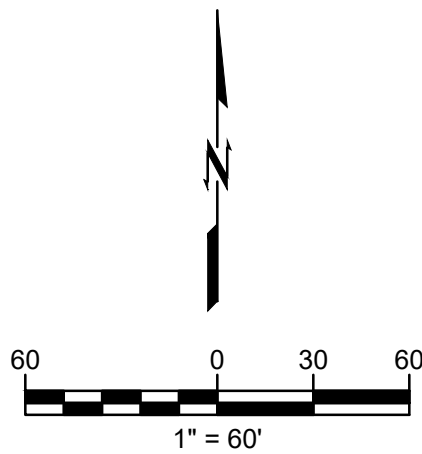
THE CONTRACTOR SHALL KEEP ON SITE A CURRENT SET OF THE APPROVED CONSTRUCTION WORKING DRAWINGS AT ALL TIMES. THE CONTRACTOR SHALL MARK (IN RED INK) ALL CHANGES MADE TO THE APPROVED PLANS. THESE CHANGES MAY BE INITIATED FROM FIELD CONDITIONS. CHANGES MADE BY THE ENGINEER OF RECORD, OR CHANGES REQUESTED BY REPRESENTATIVES OF THE JURISDICTIONS HAVING AUTHORITY. ALL CHANGES SHALL BE REVIEWED AND AGREED TO BY THE ENGINEER OF RECORD PER AN RFI SUBMITTAL PROCESS. THE CONTRACTOR SHALL SUBMIT THE WORKING DRAWINGS TO THE ENGINEER OF RECORD AFTER FINAL INSPECTION OF THE PROJECT TO SERVE AS A BASIS FOR DEVELOPMENT OF FINAL AS-BUILT RECORD DOCUMENTS.



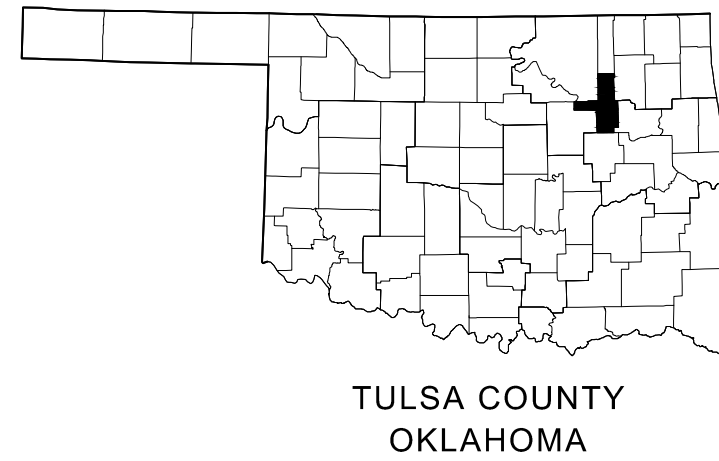
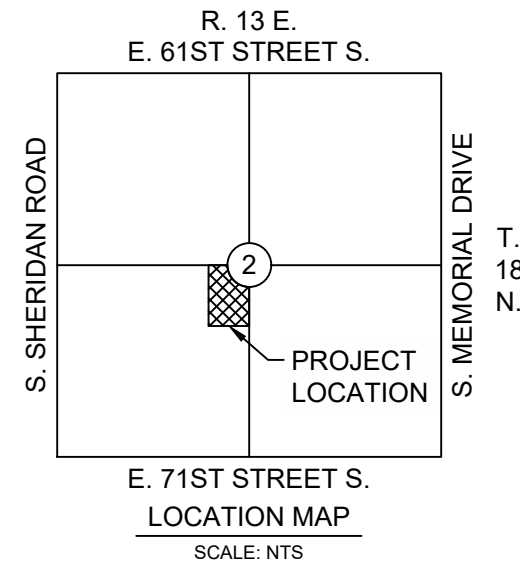
Know what's below.
Call before you dig.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.



1 SITE LOCATION MAP



CIVIL SHEET INDEX:

SHEET NUMBER	SHEET TITLE
C100	COVER SHEET
C101	GENERAL NOTES
C200	TOPOGRAPHIC SURVEY
C300	DEMOLITION & EROSION CONTROL PLAN
C400	OVERALL SITE MAP
C401	SITE & UTILITY PLAN
C500	GRADING PLAN
C501	EXISTING DRAINAGE MAP
C502	PROPOSED DRAINAGE MAP
C800	DETAILS
C801	DETAILS
C802	DETAILS
C803	DETAILS

LEGEND

ABBREVIATIONS

BC	BACK OF CURB
BL	BUILDING LINE
CL	CENTERLINE
EG	EXISTING GRADE
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
GL	GUTTER LINE
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
LP	LOW POINT
RW	RIGHT-OF-WAY
SF	SQUARE FEET
SY	SQUARE YARDS
TBK	TOP OF BANK
TC	TOP OF CURB
TG	TOP OF GRATE
TOE	TOE OF BANK
TP	TOP OF PAVEMENT
TR	TOP OF RIM
TS	TOP OF SIDEWALK
TW	TOP OF WALL

LINETYPES

—	CENTERLINE
- - - -	SILT FENCE
- - - -	LIMITS OF CONSTRUCTION
— 660 —	PROPOSED MAJOR CONTOUR
— 661 —	PROPOSED MINOR CONTOUR
— 660 —	EXISTING MAJOR CONTOUR
— 661 —	EXISTING MINOR CONTOUR
— X —	EASEMENT
— X —	FENCE
—	PROPERTY LINE
- - - -	LOT LINE
—	BUILDING SETBACK
— FO —	FIBER OPTIC
— OC —	OVERHEAD COMMUNICATION
— UC —	UNDERGROUND COMMUNICATION
— OE —	OVERHEAD ELECTRIC
— UE —	UNDERGROUND ELECTRIC
— G —	NATURAL GAS
— FM —	SEWER FORCE MAIN
— SS —	SANITARY SEWER MAIN
— SSL —	SANITARY SEWER SERVICE
—	DRAINAGE AREA, MAJOR
—	DRAINAGE AREA, MINOR
—	DRAINAGE FLOW PATH
— SD —	STORM DRAINAGE PIPE
— F —	FIRE LINE
— W —	WATER LINE
— WSL —	WATER SERVICE LINE
— IRR —	IRRIGATION LINE

SYMBOLS

⊙	UTILITY POLE
⊙	LIGHT POLE
⊙	GUY ANCHOR
⊙	ELECTRIC BOX
⊙	ELECTRIC METER
⊙	ELECTRIC TRANSFORMER
⊙	A/C UNIT
⊙	ELECTRIC MANHOLE
⊙	GAS METER
⊙	GAS VALVE
⊙	OIL/GAS WELLHEAD
⊙	VENT PIPE
⊙	PIPELINE MARKER
⊙	COMMUNICATION PEDESTAL
⊙	COMMUNICATION MANHOLE
⊙	SEWER CLEAN-OUT
⊙	SANITARY SEWER MANHOLE
⊙	DOWNSPOUT
⊙	ROOF DRAIN
⊙	STORM DRAIN MANHOLE
⊙	FIRE DEPARTMENT CONNECTION
⊙	FIRE HYDRANT
⊙	IRRIGATION CONTROL VALVE
⊙	SHUT-OFF VALVE
⊙	SPRINKLER HEAD
⊙	WATER METER
⊙	WATER VALVE
⊙	YARD HYDRANT
⊙	PIPE BOLLARD
⊙	BENCHMARK
⊙	ACCESSIBLE PARKING
⊙	MAILBOX
⊙	MONITORING WELL
⊙	POT HOLE
⊙	SIGN

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

ph: 918.298.7257 424 e. main st.
wb: gshelms.com jenkins, ok 74037

CIVIL ENGINEER CONSULTANT

wallace design collective

wallace design collective, pc
structural-civil-landscape-survey
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tulsa, oklahoma 74103
918.584.5858-800.364.5858
oklahoma.cdl1460
exp: 6-30-27

PROJECT TITLE:

TULSA PUBLIC SCHOOLS

**GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT**
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

COVER SHEET - CIVIL

SHEET NUMBER:

C100

ORIG SIZE: 24" X 36"

PLOT: 3/13/2026 2:52:42 PM

\\savi-server\projects\2640084_tps_grisson elementary traffic improvements\04_production\01_Design Drawings\2640084_Cover Sheet & General Notes.dwg

GENERAL NOTES:

1. CONDUCT SITE CLEARING OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEP ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
2. THE CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES.
3. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS.
4. UNLESS SPECIFIED OTHERWISE, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARDS, SPECIFICATIONS, AND REGULATIONS OF THE CITY OF TULSA, OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY, AND STATE DEPARTMENT OF TRANSPORTATION, AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, PERMIT FEES, LICENSES, LICENSE FEES, TAP FEES, ETC.
6. ALL ELEVATIONS IN PAVED AREAS ARE TOP OF FINISHED PAVEMENT UNLESS OTHERWISE NOTED.
7. RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM ENGINEER BEFORE ANY UTILITY RELOCATION.
8. NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.

EXCAVATION NOTIFICATION

1. ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS).
2. CONTRACTORS TO CALL 811 (OR VISIT CALL811.COM) TO REQUEST UTILITY LOCATES. ONCE COMPLETION OF MARKINGS HAS BEEN CONFIRMED BY THE CONTRACTOR, NO AUTOMATED OR MECHANICAL EQUIPMENT SHOULD BE USED WITHIN TWO FEET ON EITHER SIDE OF THE MARKINGS (OR ANOTHER MORE STRINGENT TOLERANCE AS DIRECTED), AND EXISTING FACILITIES MUST BE EXPOSED BY HAND.
3. EXISTING UTILITY LOCATIONS SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. LOCATIONS OF UNDERGROUND UTILITIES ON THESE DRAWINGS ARE APPROXIMATE ONLY AND BASED ON ACTUAL FIELD LOCATIONS OF VISIBLE STRUCTURES AND PLAN COMPUTATIONS.

UNANTICIPATED SOIL CONDITIONS

1. IF UNSUITABLE BEARING MATERIALS ARE ENCOUNTERED AT THE SPECIFIED SUBGRADE DEPTHS, THE CONTRACTOR SHALL NOTIFY THE OWNER. SOIL SUBGRADES WHICH ARE UNSTABLE DUE TO INADEQUATE CONSTRUCTION DEWATERING OR EXCESSIVE SUBGRADE DISTURBANCE ARE NOT DEEMED UNSUITABLE SOILS AND SHALL BE CORRECTED TO SUITABLE CONDITIONS AT THE CONTRACTORS EXPENSE.
2. FILL SOIL THAT IS NOT WITHIN +/- 2% OPTIMUM MOISTURE FOR COMPACTION OF THE PARTICULAR MATERIAL IN PLACE AS DETERMINED BY THE OWNER'S REPRESENTATIVE AND IS DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION OPERATIONS SO THAT PROPER COMPACTION CANNOT BE REACHED SHALL NOT BE CONSTRUED AS UNSUITABLE BEARING MATERIAL AND SHALL BE CORRECTED TO SUITABLE CONDITIONS AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL FOLLOW A CONSTRUCTION PROCEDURE WHICH PERMITS VISUAL IDENTIFICATION OF FIRM NATURAL GROUND.
4. SURFACE RUNOFF: SURFACE WATER ON AND AROUND THE SITE SHALL BE COLLECTED INTO LOCAL SUMPS BY MEANS OF TRENCHES, PIPES, ETC., AND PUMPED INTO THE STORM WATER SYSTEM. USE APPROPRIATE FILTRATION OR SEDIMENTATION TO PREVENT PUMPING OF SUSPENDED SOLIDS INTO THE STORM SEWER. A PERMIT MUST BE OBTAINED FOR SUCH PUMPING.
5. DEWATERING OF TRENCHES AND EXCAVATIONS: TRENCHES AND EXCAVATIONS SHALL BE KEPT FREE OF STANDING WATER AT ALL TIMES. PUMPING IS TO BEGIN AS SOON AS WATER BEGINS TO ACCUMULATE AND IS TO CONTINUE UNTIL WATER IS REMOVED.

SITE ACCESSIBILITY

1. ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, ACCESSIBLE PARKING, AND ACCESSIBLE ROUTES SHALL COMPLY WITH THE APPLICABLE ACCESSIBILITY CODES (AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES; THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) PUBLISHED IN THE FEDERAL REGISTER AUGUST 2023; INTERNATIONAL BUILDING CODE (IBC); ICC A117.1; ETC.)
2. WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THESE GUIDELINES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THESE GUIDELINES WITHOUT PRIOR, WRITTEN PERMISSION FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THESE GUIDELINES, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
3. GENERAL SLOPE GUIDANCE:
 - 3.1. GROSS SLOPES SHALL NOT EXCEED 1:50 (2.0%). PREFERRED SLOPE IS 1.5%.
 - 3.2. RUNNING SLOPES SHALL NOT EXCEED 5% EXCEPT AT RAMPS. PREFERRED MAXIMUM SLOPE IS 4.5%.
 - 3.3. RAMP RUNNING SLOPES SHALL NOT EXCEED 1:12 (8.3%). PREFERRED MAXIMUM SLOPE IS 7.8%.
 - 3.4. SLOPES AT LANDINGS, ACCESSIBLE PARKING STALLS, AND ACCESSIBLE AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION. PREFERRED MAXIMUM SLOPE IS 1.5%.
 - 3.5. EXCEPTIONS WITHIN THE PUBLIC RIGHT-OF-WAY: WHERE THE ESTABLISHED ADJACENT STREET GRADE EXCEEDS 5%, RUNNING SLOPES PARALLEL TO THE STREET SLOPES SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET. CURB RAMP RUNNING SLOPE CAN EXCEED 8.3% TO LIMIT THE RESULTING RAMP LENGTH TO 15 FEET.

GEOTECHNICAL

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY AIMRIGHT DATED APRIL 27, 2018.

SURVEY

1. EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION ARE SHOWN PER THE FIELD SURVEY PERFORMED BY WHITE SURVEYING COMPANY DATED FEBRUARY 6, 2018, AND THE CIVIL CONSTRUCTION DOCUMENTS FOR GRISSOM ELEMENTARY SCHOOL CLASSROOM ADDITION DATED OCTOBER 23, 2018.

GENERAL EROSION CONTROL NOTES:

1. ALL GRADING AND EROSION CONTROL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF TULSA STANDARDS AND SPECIFICATIONS, AND STATE PERMITTING REQUIREMENTS.
2. THE PERMITTEE SHALL BE RESPONSIBLE FOR NOTIFYING THE LAND OWNER AND EACH CONTRACTOR OR ENTITY (INCLUDING UTILITY CREWS AND CITY EMPLOYEES OR THEIR AGENTS) WHO WILL PERFORM WORK AT THE SITE OF THE EXISTENCE OF THE EROSION CONTROL PLAN AND WHAT ACTIONS OR PRECAUTIONS SHALL BE TAKEN WHILE ON-SITE TO MINIMIZE THE POTENTIAL FOR EROSION AND THE POTENTIAL FOR DAMAGING ANY BMP. THE PERMITTEE IS RESPONSIBLE FOR ANY DAMAGE A SUBCONTRACTOR MAY DO TO ESTABLISHED BMPS AND ANY SUBSEQUENT WATER QUALITY VIOLATION RESULTING FROM THE DAMAGE.
3. ENSURE THE DESIGN, INSTALLATION, AND MAINTENANCE OF EFFECTIVE EROSION AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. AT A MINIMUM, SUCH CONTROLS MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO:
 - 3.1. CONTROL STORMWATER VOLUME, VELOCITY, AND PEAK FLOW RATES WITHIN THE SITE TO MINIMIZE SOIL EROSION;
 - 3.2. CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND TO MINIMIZE DOWNSTREAM CHANNEL AND STREAM BANK EROSION AND SCOUR;
 - 3.3. MINIMIZE THE AMOUNT OF EXPOSED SOIL DURING CONSTRUCTION ACTIVITY;
 - 3.4. MINIMIZE THE DISTURBANCE OF STEEP SLOPES;
 - 3.5. MINIMIZE SEDIMENT DISCHARGES FROM THE SITE. DESIGN, INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROLS THAT ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION, THE NATURE OF RESULTING STORMWATER RUNOFF, AND SOIL CHARACTERISTICS, INCLUDING THE RANGE OF SOIL PARTICLE SIZE EXPECTED TO BE PRESENT ON THE SITE
- 3.6. PROVIDE AND MAINTAIN NATURAL BUFFERS AROUND SURFACE WATERS
- 3.7. DIRECT STORMWATER TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER INFILTRATION AND FILTERING, UNLESS INFEASIBLE; AND
- 3.8. MINIMIZE SOIL COMPACTION AND PRESERVE TOPSOIL WHERE PRACTICABLE
4. INSTALLATION OF BMPS NECESSARY TO PREVENT SOIL EROSION AND SEDIMENTATION AT THE DOWNGRADE PROJECT BOUNDARY (E.G. BUFFERS, PERIMETER CONTROLS, EXIT POINT CONTROLS, STORM DRAIN INLET PROTECTION) MUST BE COMPLETE PRIOR TO THE START OF ALL PHASES OF CONSTRUCTION. BY THE TIME CONSTRUCTION ACTIVITY IN ANY GIVEN PORTION OF THE SITE BEGINS, DOWNGRADE BMPS MUST BE INSTALLED AND OPERATIONAL TO CONTROL DISCHARGES FROM THE INITIAL SITE CLEARING, GRADING, EXCAVATING, AND OTHER EARTH-DISTURBING ACTIVITIES. ADDITIONAL BMPS SHALL BE INSTALLED AS NECESSARY THROUGHOUT THE LIFE OF THE PROJECT. FOLLOWING THE INSTALLATION OF THESE INITIAL BMPS, ALL BMPS NEEDED TO CONTROL DISCHARGES SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO SUBSEQUENT EARTH DISTURBING ACTIVITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A STABILIZED CONSTRUCTION ENTRANCE AND FOR CLEANING OF VEHICLE WHEELS IN ACCORDANCE WITH THE CITY OF TULSA STANDARDS AND SPECIFICATIONS.
6. SILT FENCES: PLACEMENT OF SILT FENCES SHALL BE AS SHOWN ON THESE PLANS. FENCING WHICH BECOMES DAMAGED SHALL BE REPLACED PROMPTLY. DEPOSITS OF SILT WHICH BUILD UP BEHIND DIKES MAY BE DISKED ONTO THE SITE BEFORE PLACEMENT OF TEMPORARY COVER. AFTER TEMPORARY COVER IS PLACED, SILT SHALL BE REMOVED AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.
7. UNLESS LOCAL OR STATE REQUIREMENTS NECESSITATE MORE FREQUENT MONITORING, CONTRACTOR SHALL INSPECT EROSION CONTROL DEVICES EVERY 7 DAYS OR WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR MORE IN DEPTH (EXCLUSIVE OF HOLIDAYS). THE CONTRACTOR SHALL REPAIR DAMAGE, CLEAN OUT SEDIMENT, AND ADD ADDITIONAL CONTROL DEVICES AS NEEDED AS SOON AS POSSIBLE AFTER INSPECTION. DEFICIENCIES MUST BE CORRECTED WITHIN 7 DAYS.
8. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS.

TEMPORARY STABILIZATION:

1. INITIATE THE INSTALLATION OF STABILIZATION MEASURES IMMEDIATELY IN ANY DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS ON ANY PORTION OF THE SITE.
2. TEMPORARY STABILIZATION SHALL INCLUDE TEMPORARY SEEDING, GEOTEXTILES, MULCHES, AND/OR OTHER TECHNIQUES TO REDUCE OR ELIMINATE EROSION UNTIL EITHER FINAL STABILIZATION CAN BE ACHIEVED OR UNTIL FURTHER CONSTRUCTION ACTIVITIES TAKE PLACE TO RE-DISTURB THIS AREA.
3. TEMPORARY STABILIZATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE REQUIREMENTS.

FINAL STABILIZATION:

1. FINAL STABILIZATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE REQUIREMENTS.
2. UNLESS OTHERWISE INDICATED, ALL DISTURBED SOIL AREAS SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL AND SHALL BE PERMANENTLY STABILIZED WITH SOD.
3. CONTRACTOR SHALL MAINTAIN PERENNIAL VEGETATION UNTIL UNIFORM COVER IS ESTABLISHED. UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS, THIS SHALL INCLUDE A MINIMUM OF 70% COVERAGE AND NO BARE AREAS OF 10 SQUARE FEET OR MORE.
4. TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, INLET SEDIMENT TRAPS, CONSTRUCTION ENTRANCES, ETC.) SHALL BE COMPLETELY REMOVED FROM THE SITE WHEN THEY ARE NO LONGER NEEDED, UNLESS THEY ARE APPROVED BY THE ENGINEER TO REMAIN IN PLACE FOR PERMANENT STABILIZATION OR BIODEGRADATION (I.E. EROSION CONTROL BLANKETS). REMOVAL OF THE CONTROLS SHALL BE COORDINATED WITH THE WEATHER FORECAST SO THAT REMOVAL FALLS WITHIN A FORECAST DRY PERIOD. FOR CONTROLS WITHIN AREAS TO BE PAVED, THEY SHALL BE REMOVED IMMEDIATELY PRIOR TO THE COMMENCEMENT OF PAVEMENT OPERATIONS IN THE LOCATION OF THE CONTROL. FOR CONTROLS DOWN SLOPE OF VEGETATED AREAS, AT LEAST 70% OF THE VEGETATIVE COVER MUST BE ESTABLISHED PRIOR TO THE REMOVAL OF THE CONTROLS. WHERE HYDROSEED IS PERMITTED BY THE ENGINEER, THAT SHALL BE CONSIDERED STABILIZED. SOD SHALL BE CONSIDERED ESTABLISHED WHEN THE ROOTS TIE IT TO THE GROUND (TYPICALLY TAKES 2 TO 6 WEEKS). RESTORE AND STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF AN EROSION CONTROL MEASURE.

GENERAL PAVING NOTES:

1. ALL MATERIALS, EXECUTION, AND TESTING TO CONFORM TO AHJ REQUIREMENTS (I.E. LOCAL OR STATE DOT STANDARDS AND SPECIFICATIONS).
2. ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
3. CONTRACTOR TO PROVIDE PRODUCT DATA SUBMITTALS INCLUDING, BUT NOT LIMITED TO, DESIGN MIXES, MATERIAL CERTIFICATES, AND MATERIAL TEST REPORTS FOR MATERIALS AND PRODUCTS ASSOCIATED WITH PAVING AND PAVEMENT MARKING OPERATIONS.
4. CONTRACTOR SHALL DEVELOP AND IMPLEMENT PROPER TRAFFIC CONTROL IN CONFORMANCE WITH THE LATEST REVISION OF THE MUTCD. ACCESS FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PAVEMENT SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND TO THE GRADES AND ELEVATIONS REQUIRED BY THE CONSTRUCTION DOCUMENTS.
6. PAVEMENT CONTRACTOR TO INSPECT PAVEMENT SUBGRADE AND CORRECT ANY DEFICIENCIES PRIOR TO PAVING OPERATIONS.
7. CONTRACTOR TO COORDINATE CONSTRUCTION TESTING UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
8. THE PAVEMENT SECTIONS SHOWN IN DETAIL 5 / C800 ARE SHOWN FOR REFERENCE AND WERE PROVIDED BY AIMRIGHT BASED ON SITE SPECIFIC CONDITIONS AS OUTLINED IN THEIR REPORT DATED 04.27.2018. ANY QUESTIONS REGARDING THE SUITABILITY OF THESE OR ALTERNATE PAVEMENTS SECTIONS, SPECIFIC PAVEMENT MAINTENANCE REQUIREMENTS, OR POTENTIAL PAVEMENT LIFE SHOULD BE DIRECTED TO AIMRIGHT, AS THIS IS BEYOND WALLACE'S SCOPE OF SERVICES FOR THIS PROJECT.

ASPHALT PAVEMENT:

9. CONSTRUCT JOINTS TO ENSURE A CONTINUOUS BOND BETWEEN ADJOINING PAVEMENT SECTIONS. OFFSET LONGITUDINAL JOINTS, IN SUCCESSIVE COURSES, A MINIMUM OF 6 INCHES AND TRANSVERSE JOINTS A MINIMUM OF 24 INCHES.
10. WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION, WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
11. UNIFORM DENSITY REQUIREMENTS:
 - 11.1. AVERAGE DENSITY: 96 PERCENT OF REFERENCE LABORATORY DENSITY ACCORDING TO ASTM D 6927 BUT NOT LESS THAN 94 PERCENT OR GREATER THAN 100 PERCENT, OR
 - 11.2. AVERAGE DENSITY: 92 PERCENT OF REFERENCE MAXIMUM THEORETICAL DENSITY ACCORDING TO ASTM D 2041 BUT NOT LESS THAN 90 PERCENT OR GREATER THAN 96 PERCENT.
12. INSTALLATION TOLERANCES:
 - 12.1. PAVEMENT THICKNESS: BASE COURSE PLUS OR MINUS 1/2 INCH; SURFACE PLUS 1/4 INCH.
 - 12.2. PAVEMENT SMOOTHNESS: BASE COURSE 1/4 INCH IN 10 FEET; SURFACE COURSE 1/8 INCH IN 10 FEET.

CONCRETE PAVEMENT:

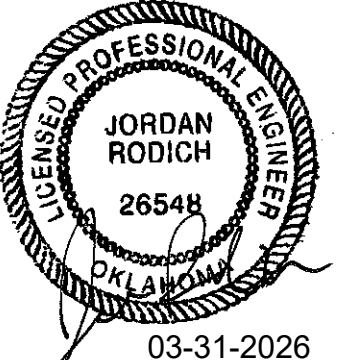
13. CONCRETE PLACEMENT TO CONFORM TO ACI 301 / 306 / 330 REQUIREMENTS.
14. CONCRETE MATERIAL:
 - 14.1. 28 DAY COMPRESSIVE STRENGTH: 4000 PSI MINIMUM
 - 14.2. MAXIMUM W/C RATIO AT POINT OF PLACEMENT: 0.45
 - 14.3. SLUMP: 4 INCHES PLUS OR MINUS 1 INCH
 - 14.4. AIR CONTENT: 6 PERCENT PLUS OR MINUS 1-1/2 PERCENT
15. STEEL:
 - 15.1. GRADE 60
 - 15.2. COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR FABRICATION, PLACEMENT, AND SUPPORT.
16. JOINTS:
 - 16.1. FORM CONSTRUCTION, ISOLATION, AND CONTRACTION JOINTS WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE. WHEN JOINING EXISTING PAVING, PLACE JOINTS TO ALIGN WITH PREVIOUSLY PLACED JOINTS UNLESS OTHERWISE INDICATED.
 - 16.2. FORM ISOLATION JOINTS OF PREFORMED JOINT-FILLER STRIPS ABUTTING LIGHT STANDARD FOUNDATIONS, MANHOLES, INLETS, STRUCTURES, OR OTHER FIXED OBJECTS. EXTEND JOINT FILLERS THE FULL WIDTH AND DEPTH OF PAVEMENT
 - 16.3. CONTRACTION JOINT DEPTH TO BE 1/4 OF THE TOTAL CONCRETE THICKNESS.
 - 16.4. JOINTS SHOULD EXTEND THROUGH ADJACENT CURB AND GUTTER.
17. JOINT SPACING
 - 17.1. JOINT SPACING SHALL NOT EXCEED 24 TO 30 TIMES THE PAVEMENT THICKNESS (E.G. 0.5' THICK CONCRETE X 30 = 15' MAXIMUM JOINT SPACING) WITH A MAXIMUM SPACING OF 15 FEET.
 - 17.2. LAY OUT JOINTS TO FORM SQUARE PANELS. WHEN THIS IS NOT PRACTICAL, RECTANGULAR PANELS CAN BE USED, BUT THE LENGTH SHALL NOT BE MORE THAN 25% LONGER THAN THE WIDTH (E.G. A 15' LONG PANEL CANNOT BE LESS THAN 12' WIDE).
 - 17.3. CONTRACTOR TO SUBMIT A JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL PRIOR TO COMMENCING PAVING OPERATIONS. CONTRACTOR TO TAKE INTO ACCOUNT REVIEW TIME AND CHANGES PER ANY COMMENTS WHEN SCHEDULING THE SUBMISSION OF THE JOINT LAYOUT PLAN.
18. REINFORCEMENT OF IRREGULARLY SHAPED PANELS OR MISMATCHED JOINTS
 - 18.1. ON PANELS WITH RADII, ON PANELS THAT TAPER TO A SHARP ANGLE, AND/OR WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 1.25, PROVIDE A MINIMUM OF 0.05 PERCENT STEEL IN BOTH DIRECTIONS ACROSS THE ENTIRE PANEL.
 - 18.2. WHERE JOINT PATTERNS OF ABUTTING PAVEMENTS DO NOT MATCH AND ARE NOT SEPARATED BY AN EXPANSION JOINT, PROVIDE A MINIMUM OF 0.05 PERCENT STEEL IN THE PAVEMENT OPPOSITE OF THE MISMATCHED JOINT FOR A DISTANCE OF THREE FEET BACK FROM THE JOINT ALONG THE FULL WIDTH OF THE PANEL.
19. WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
20. PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH UNLESS OTHERWISE INDICATED ON THE PLANS.
21. INSTALLATION TOLERANCES
 - 21.1. ELEVATION: 1/4 INCH
 - 21.2. THICKNESS: PLUS 3/8 INCH, MINUS 1/4 INCH
 - 21.3. SURFACE: 1/4 INCH IN 10 FEET

PAVEMENT MARKINGS:

22. ALLOW PAVING TO AGE A MINIMUM OF 30 DAYS BEFORE STARTING PAVEMENT MARKING OPERATIONS.
23. PAVEMENT MARKING PAINT SHALL BE ACRYLIC, WATERBORNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED, COMPLYING WITH FS TT-P-1952, TYPE II, WITH A DRYING TIME OF LESS THAN THREE MINUTES.
24. COLOR AS INDICATED, COORDINATE WITH OWNER PRIOR TO PURCHASE OF PAINT.

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:



PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:



ph: 918.298.7257 424 e. main st.
wb: gshelms.com jenkins, ok 74037

CIVIL ENGINEER CONSULTANT



PROJECT TITLE:

TULSA PUBLIC SCHOOLS

GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

C101

SURVEY NOTE:
THIS SHEET IS FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS INTENDED FOR GENERAL SURVEY INFORMATION ONLY. WALLACE DESIGN COLLECTIVE HAS NOT CONFIRMED ITS ACCURACY. SURVEY INFORMATION WAS REPRODUCED BY ELECTRONIC TRANSFER FROM THE SURVEYOR. ORIGINAL SURVEY DRAWINGS AVAILABLE FROM THE SURVEYOR.
NOTE: SURVEY SCALED TO FIT PAGE.

SUPPLEMENTARY SITE INFORMATION PER THE CIVIL CONSTRUCTION DOCUMENTS FOR GRISSOM ELEMENTARY SCHOOL CLASSROOM ADDITION DATED OCTOBER 23, 2018. THE SIGNED CONSTRUCTION DOCUMENTS ARE AVAILABLE UPON REQUEST.

ORIG SIZE 24"x36"

PLOT: 3/13/2026 2:52:42 PM

\\cvi-server\projects\2640084\ps\grissom elementary traffic improvements\04 production\01 Design Drawings\2640084_Survey.dwg



Know what's below.
Call before you dig.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.



TOPOGRAPHIC SURVEY

OF:

INVOICE NO. SK 17-91220

THE BEARINGS SHOWN HEREON ARE BASED ON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM.

FIELD WORK COMPLETED: JANUARY 4, 2018.

THIS PROPERTY LIES IN ZONE 2, A HAZARDOUS WASTE AREA PER T.S.R.A. COMMUNITY PANEL NO. 405381 (03/08), AS LAST REVISED 10-16-2012.

THE ELEVATIONS SHOWN HEREON ARE BASED ON NAD 1989 MEAN SEA LEVEL DATUM, DERIVED FROM GPS OBSERVATION AND ACCURACY UTILIZING WIDE AREA NETWORK ON THE DATE SHOWN HEREON, AND MAY BE SUBJECT TO SUBSEQUENT GPS POSITIONAL TOLERANCES.

ADDITIONAL FEATURES OF PUBLIC UTILITIES SUCH AS, BUT NOT LIMITED TO, METAL, VALVES, MANHOLES, PIPES AND PEDESTALS ARE LOCATED AND SHOWN HEREON. NO UNDERGROUND UTILITIES WERE MORE FLAGGED BY THEIR RESPECTIVE OWNERS AND THEREFORE ARE NOT SHOWN.

THERE WAS NO OBSERVABLE EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS ON THE DATE SHOWN HEREON.

NO CURRENT TITLE OPINION OR COMMENT FOR TITLE INSURANCE WAS OBTAINED AT THE TIME OF SURVEY. THEREFORE, NO CONTRIBUTION IS MADE THAT ALL EASEMENTS AND DESIGNATIONS OR OTHER ENCUMBRANCES ARE SHOWN HEREON.

PART OF LOT ONE (1) AND PART OF LOT TWO (2), PARK PLAZA SOUTH, AN ADDITION IN THE CITY OF TULSA, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE RECORDED PLAT THEREOF.

CERTIFICATE

WHITE SURVEYING COMPANY, AN OKLAHOMA CORPORATION, AND THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY:

GRISSOM ELEMENTARY
TULSA PUBLIC SCHOOLS

THAT, THIS TOPOGRAPHIC SURVEY PLAT IS A TRUE AND ACCURATE REPRESENTATION OF THE TOPOGRAPHIC FEATURES SITUATED ON THE LAND DESCRIBED HEREON, SHOWS THE LOCATION OF ALL BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS SITUATED THEREON, ACCURATELY SHOWS SPOT ELEVATIONS AND A ONE (1) FOOT CONTOUR INTERVAL AS BASED ON THOSE SPOT ELEVATIONS. THIS TOPOGRAPHIC SURVEY PLAT IS MADE FOR THE SOLE PURPOSE OF SHOWING ELEVATIONS OF SELECTED POINTS ON THIS PROPERTY, ACCORDING HEREON, IS NOT FOR THE PURPOSE OF ESTABLISHING BOUNDARIES, AND MAY NOT BE USED OR RELIED UPON FOR ANY PURPOSES, TITLE INSURANCE PURPOSES, ESTABLISHMENT OF FENCE, BUILDING OR OTHER IMPROVEMENTS, OR ANY OTHER MATTERS FOR WHICH THIS SURVEY WAS NOT PREPARED.



WHITE SURVEYING COMPANY
CERTIFICATE OF
AUTHORIZATION NO. CA1098
(RENEWAL 6/30/2019)

DATE: _____
REGISTERED PROFESSIONAL LAND SURVEYOR OKLAHOMA NO. 16176

WHITE SURVEYING COMPANY
providing land surveying services since 1940
69305 E. 55th Place • Tulsa, OK 74146 • 918.663.6924 • 918.664.8366 fax

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

ph: 918.298.7257 424 e. main st.
wb: gshelms.com jenkins, ok 74037

CIVIL ENGINEER CONSULTANT

wallace design collective

wallace design collective, pc
structural-civil-landscape-survey
1221 north martin luther king jr. bvd.
tulsa, oklahoma 74103
918.584.5858-800.364.5858
oklahoma c-01440
exp: 6-30-27

PROJECT TITLE:

TULSA PUBLIC SCHOOLS

**GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT**
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NUMBER:

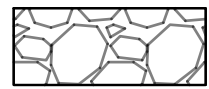
C200

\\svi-server\projects\2640084_tps_grisson elementary traffic improvements\04_production\01_Design Drawings\2640084_Demolition & Erosion Control Plan.dwg PLOT:3/13/2026 2:52:44 PM ORIG SIZE:24"x36"

GENERAL DEMOLITION NOTES:

- ALL CONCRETE AND ASPHALT NOTED FOR REMOVAL SHALL BE SAW CUT FULL DEPTH AND REMOVED OFF SITE.
- CONTRACTOR SHALL PROTECT ALL SURVEY CONTROL POINTS.
- CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS OFF SITE.
- WITH PRIOR APPROVAL, CONTRACTOR MAY ESTABLISH AN ON-SITE STAGING AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING STAGING AREA TO ITS ORIGINAL CONDITION. SECURITY OF STAGING AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ON-SITE VEGETATION SHALL BE PROTECTED AS NOTED. IN DESIGNATED PROTECTION AREAS WHERE THE CONTRACTOR DOES NOT PROTECT VEGETATION AS NOTED, CONTRACTOR SHALL RESTORE VEGETATION TO EXISTING CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER, TO THE SATISFACTION OF THE ARCHITECT.
- CONTRACTOR SHALL PROTECT ALL ABOVE GROUND UTILITY FEATURES NOT BEING REMOVED INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, AND INLETS. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
- TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE, WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 14 DAYS SHALL BE STABILIZED IMMEDIATELY WITH TEMPORARY SEED AND MULCH PER THE AUTHORITY HAVING JURISDICTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LANE CLOSURES, DETOURS, ETC. BOTH VEHICULAR AND PEDESTRIAN.
- CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY SERVICE IF REQUIRED.
- CONTRACTOR SHALL ENSURE CONSTRUCTION SITE HAS POSITIVE DRAINAGE THROUGHOUT THE DURATION OF CONSTRUCTION.
- PRIOR TO UTILITY DEMOLITION COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- UTILITIES BEING REMOVED OR RELOCATED SHALL BE ISOLATED AND SERVICE DISCONNECTED PRIOR TO ANY DEMOLITION.
- NO UTILITY INTERRUPTIONS WILL BE ALLOWED WITHOUT CONSENT OF THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT A MINIMUM OF FOUR WORKING DAYS PRIOR TO THE REQUESTED SHUT DOWN.

LEGEND



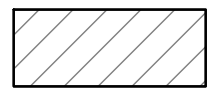
STABILIZED CONSTRUCTION ENTRANCE
RE: 4/C800

SF

SILT FENCE
RE: 2/C800



TEMPORARY SILT DIKE INLET PROTECTION
RE: 1/C800



REMOVE EXISTING PAVEMENT & SIDEWALK
FULL DEPTH



TREE PROTECTION FENCING
RE: 8/C801

TOTAL DISTURBED AREA	0.85 ACRES
EXISTING IMPERVIOUS AREA	163,429 SF
PROPOSED IMPERVIOUS AREA	175,053 SF
INCREASE IN IMPERVIOUS AREA	11,624 SF

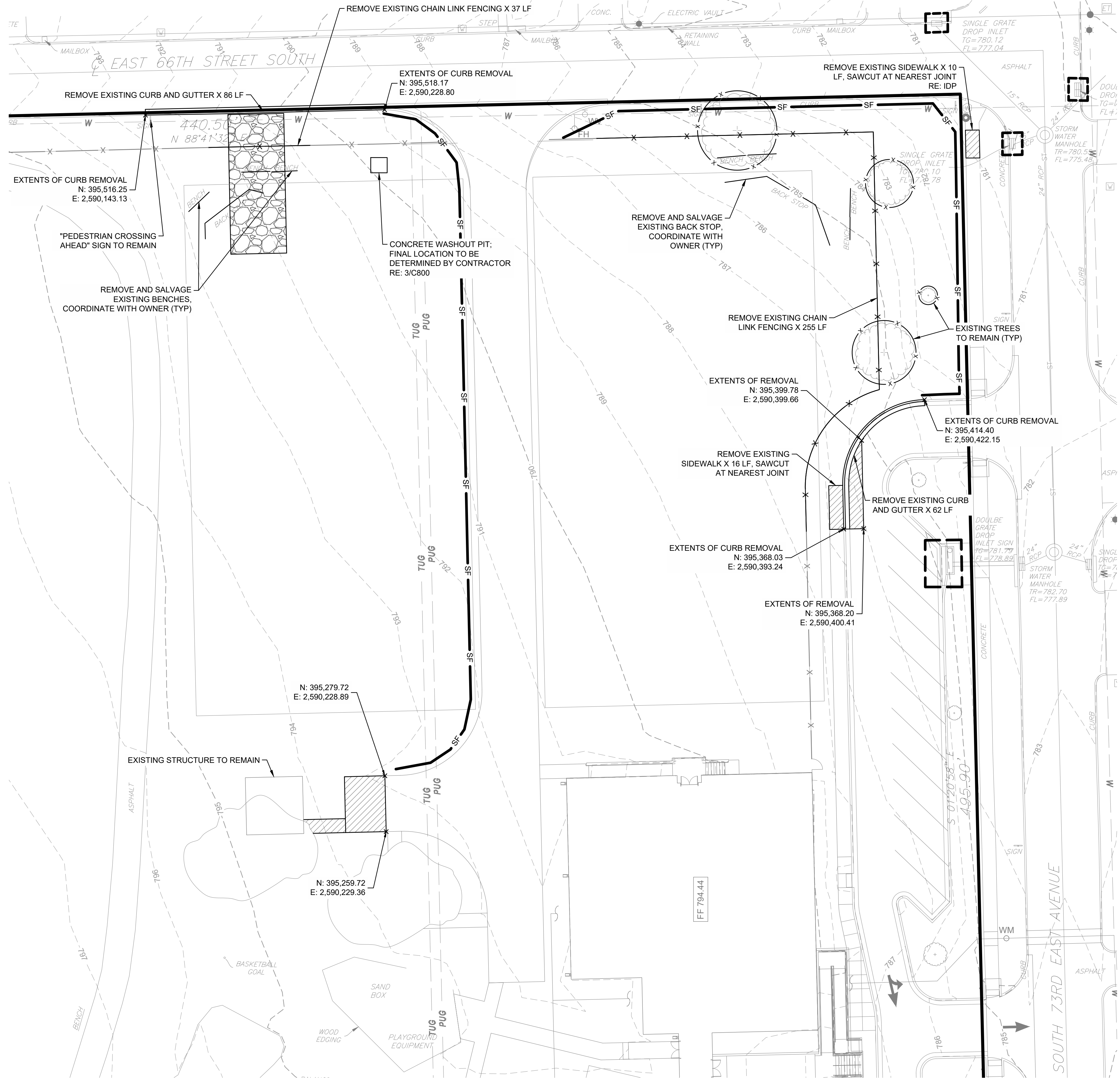
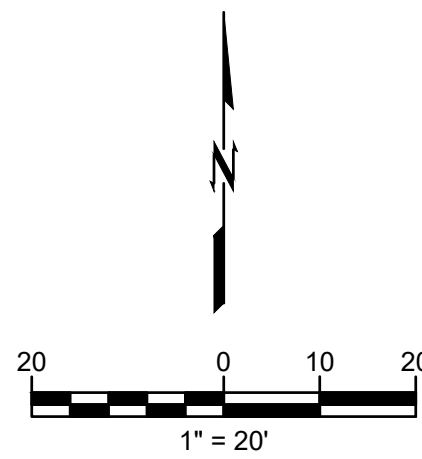
SEE SHEET C101 FOR GENERAL
EROSION CONTROL NOTES



Know what's below.
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NOTICE TO CONTRACTOR

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0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

ph: 918.298.7257 | 424 e. main st.
wb: gshelms.com | jenkins, ok 74037

CIVIL ENGINEER CONSULTANT

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structural-civil-landscape-survey
123 north martin luther king jr. Blvd.
tulsa, oklahoma 74103
918.584.5858 | 800.364.5858
oklahoma call 460
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS

**GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT**

6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE: **DEMOLITION & EROSION CONTROL PLAN**

SHEET NUMBER:
C300

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GENERAL SITE NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL MUNICIPAL REGULATIONS AND CODES, WHICHEVER IS MORE STRINGENT.
- ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- ALL DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB UNLESS SHOWN OTHERWISE.
- RADII = 2'-00" UNLESS OTHERWISE INDICATED.

LEGEND

- STANDARD DUTY ASPHALT PAVEMENT
RE: 5/C800
- STANDARD DUTY CONCRETE
RE: 5/C800
- CONCRETE SIDEWALK
RE: 6/C801
- ① PARKING SPACE COUNT

PARKING SUMMARY

PROVIDED PARKING:	
STANDARD:	18
ADA ACCESSIBLE:	1
TOTAL PROVIDED PARKING:	19
TOTAL ON-SITE PARKING:	111

SEE SHEET C101 FOR
GENERAL PAVING NOTES

GENERAL UTILITY NOTES:

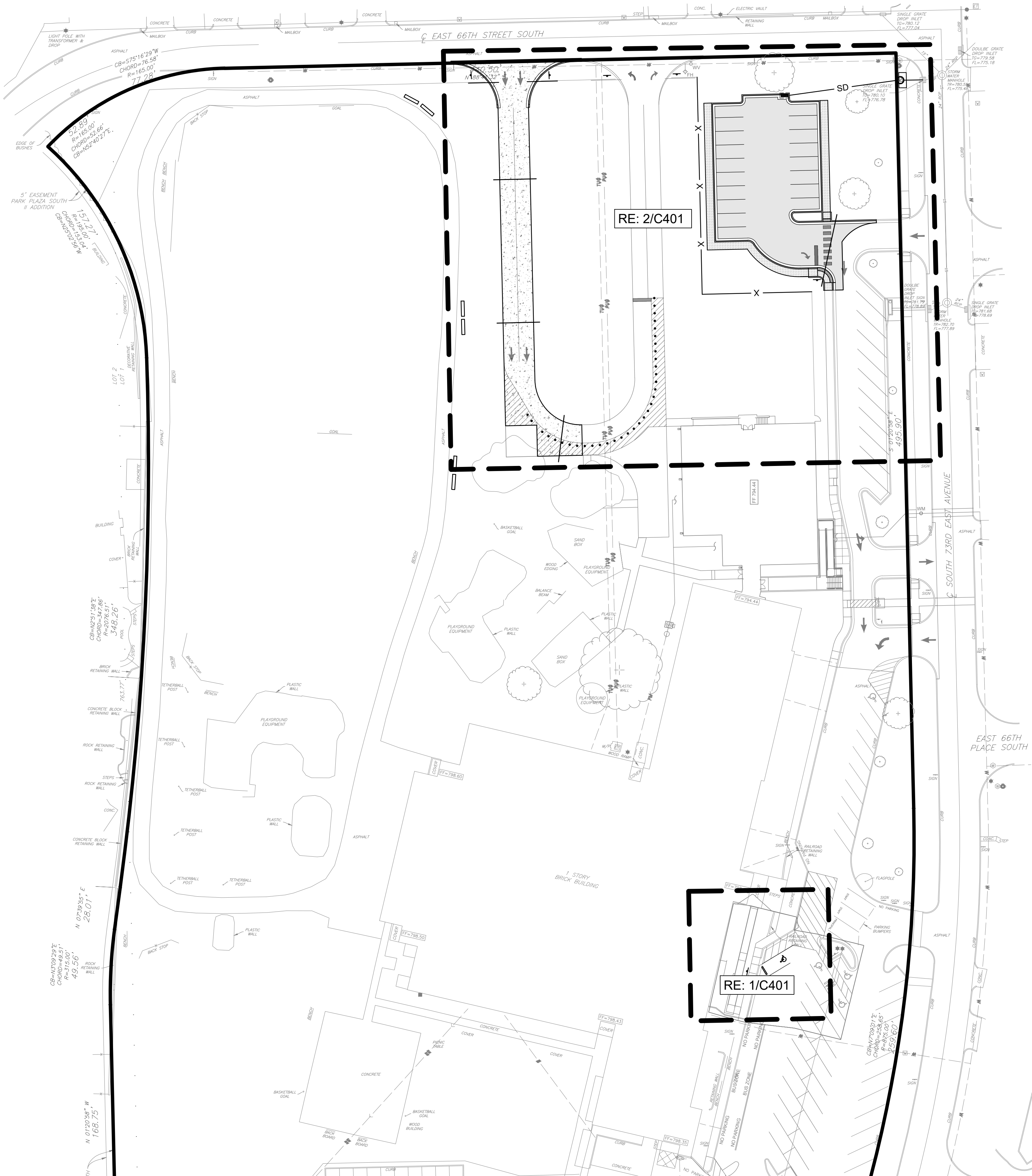
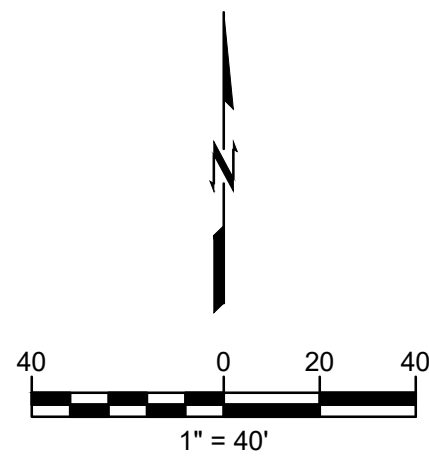
- PRIOR TO CONSTRUCTION, LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY CONTRACTOR WITH THE PROPER UTILITY COMPANY PROVIDING SERVICE. SERVICE LINES SHOWN FOR COORDINATION AND REFERENCE ONLY. CONTRACTOR SHALL COORDINATE WITH ALL SERVICE PROVIDERS (TELECOMMUNICATIONS, ELECTRIC, GAS, ETC.) PRIOR TO INSTALLING SERVICE LINES OR APPURTENANCES. CONTRACTOR IS TO COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- THIS PLAN DEPICTS THE INTENT OF PRIVATE AND FRANCHISE UTILITY ROUTINGS AS UNDERSTOOD DURING DESIGN PHASES OF THE PROJECT. IT IS THE OWNER/DEVELOPER'S RESPONSIBILITY TO NEGOTIATE ALL CONTRACTS FOR SERVICE WITH EACH INDIVIDUAL UTILITY COMPANY AND TO PROVIDE THE ENGINEER WITH ANY DOCUMENTS THAT MAY AFFECT THE LAYOUT.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES' INSPECTORS BEFORE CONNECTING TO ANY EXISTING LINE IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- NOT ALL EXISTING UNDERGROUND UTILITIES MAY BE SHOWN ON THIS PLAN. THE EXACT LOCATIONS AND NOTIFICATIONS OF THE PROPER AGENCY ARE THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO CONSTRUCTION.
- ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 30" OF COVER, UNLESS NOTED OTHERWISE. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. STORM TRENCH DETAIL RE: 3/C802.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CONDUITS (INCLUDING IRRIGATION SLEEVES) PRIOR TO PAVING WHETHER OR NOT SHOWN ON CIVIL PLANS. THE CONTRACTOR SHALL INSTALL ALL CONDUITS WITH A PULL STRING. ALL CONDUIT SHALL BE SCH. 40 PVC, UNLESS NOTED OTHERWISE.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
- ALL STORM PIPE ENTERING CONCRETE STRUCTURES SHALL BE GROUTED WITH NON SHRINK GROUT TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
- CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF ANY PROPOSED SIGN(S) AND INSTALLATION OF ANY SECURITY CAMERAS WITH OWNER'S CONSTRUCTION MANAGER. COORDINATE WITH ELECTRICAL SITE PLAN TO PROVIDE ALL CONDUIT NEEDED FOR DATA AND/OR POWER TO SITE SIGN(S), SECURITY CAMERAS, AND LIGHT POLES.



Know what's below.
Call before you dig.

CAUTION
NOTICE TO CONTRACTOR

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0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

ph: 918.298.7257 424 e. main st.
wb: gshelms.com jenkins, ok 74037

CIVIL ENGINEER CONSULTANT

wallace design collective

wallace design collective, pc
structural-civil-landscape-survey
123 north martin luther king jr. Blvd.
tulsa, oklahoma 74103
918.584.5858-800.364.5858
oklahoma call 460
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS

GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

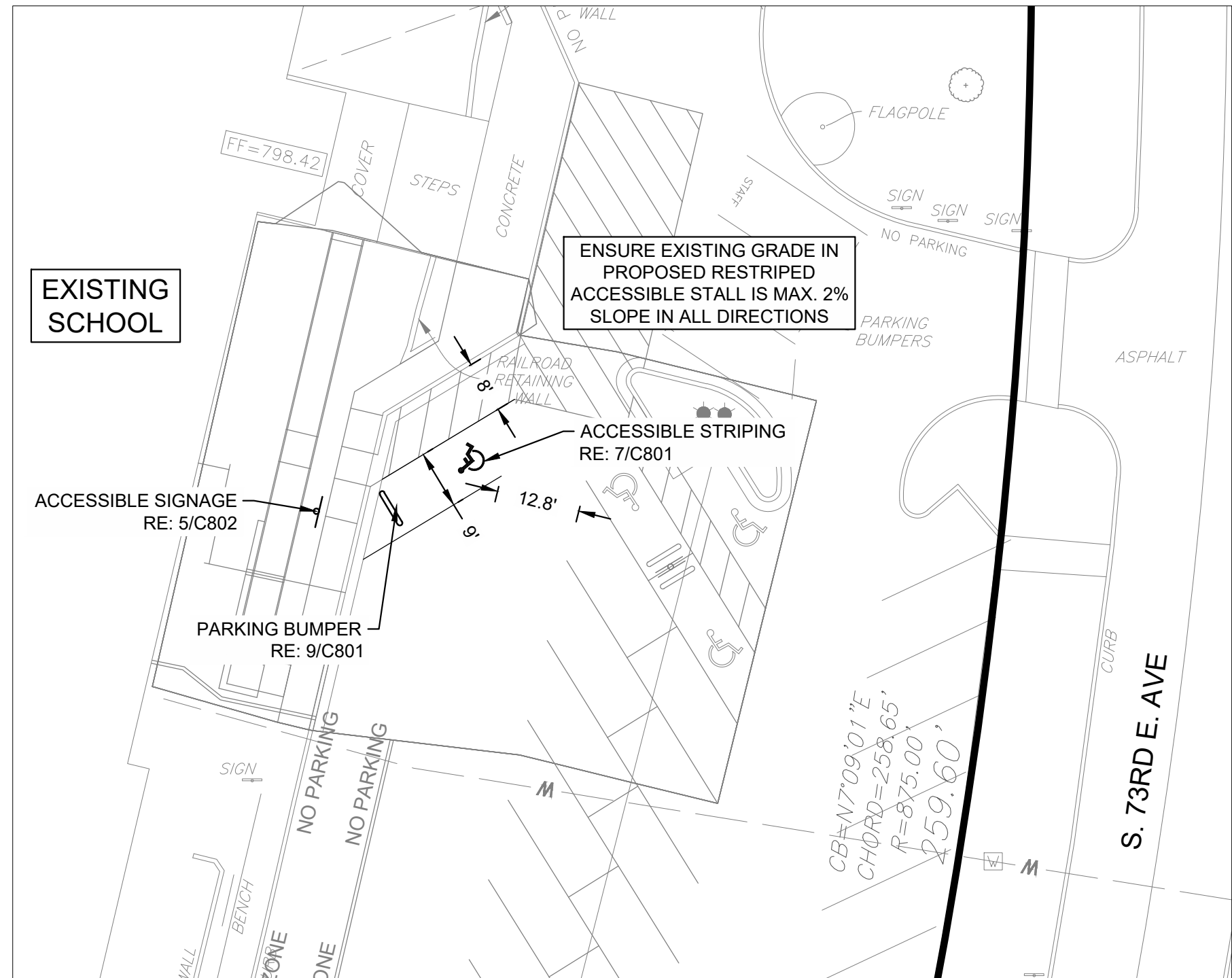
SHEET TITLE:

OVERALL SITE MAP

SHEET NUMBER:

C400

\\gvl-server\projects\2640084_tps_grisson_elementary_traffic_improvements\04_production\01_Design Drawings\2640084_Site Plan.dwg PLOT: 3/29/2026 11:58:35 PM ORG SIZE: 24"x36"



1 DETAILED SITE PLAN
SCALE: 1" = 20'

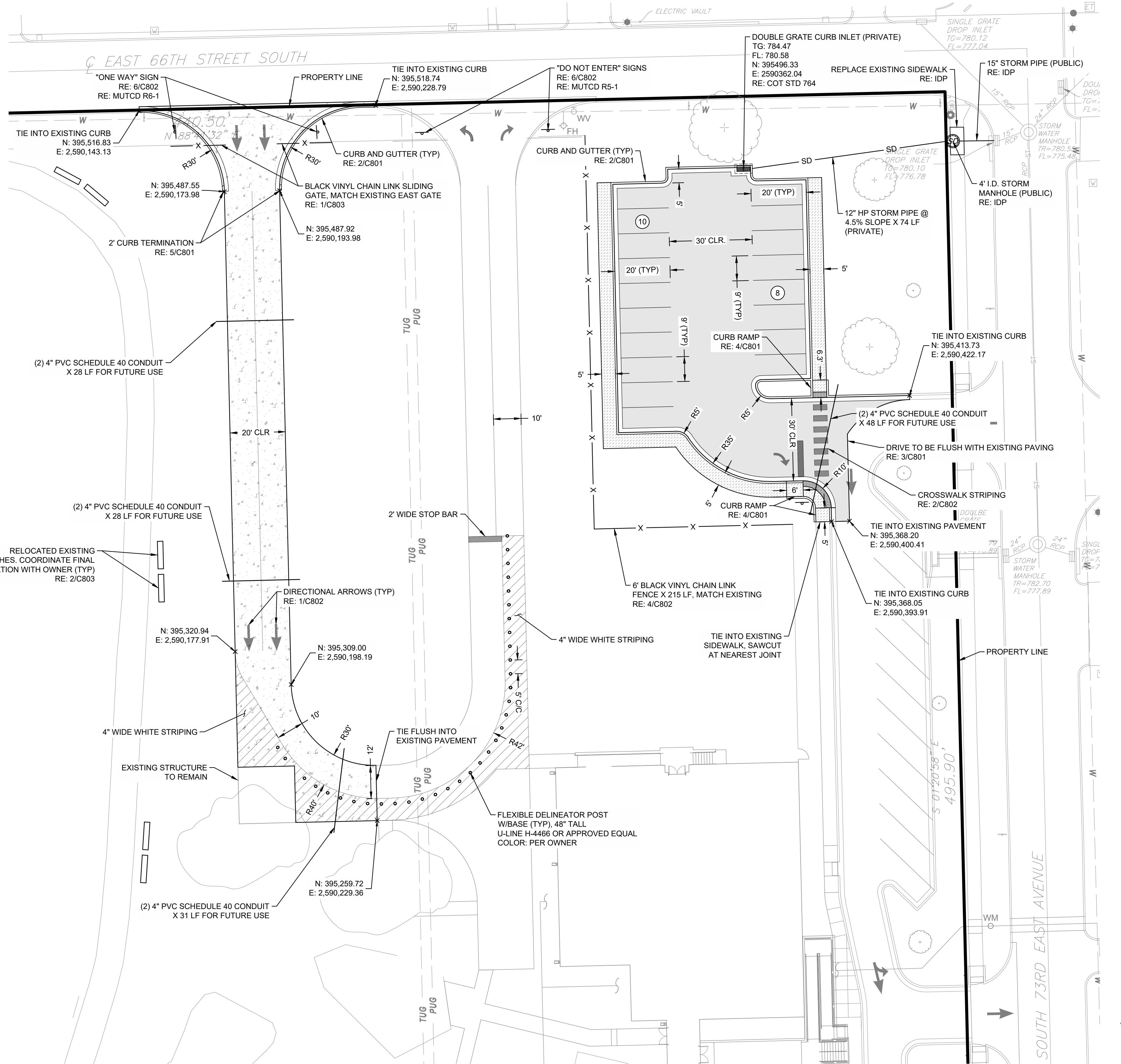
LEGEND	
	STANDARD DUTY ASPHALT PAVEMENT RE: 5/C800
	STANDARD DUTY CONCRETE RE: 5/C800
	CONCRETE SIDEWALK RE: 6/C801
	PARKING SPACE COUNT



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2 DETAILED SITE PLAN
SCALE: 1" = 20'

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:	
--------	--

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

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tulsa, oklahoma 74103
918.584.5858-800.364.5858
oklahoma call 440
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS

GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

SITE & UTILITY PLAN

SHEET NUMBER:

C401

GENERAL GRADING NOTES:

- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED, INSPECTED, AND APPROVED BY LOCAL AUTHORITIES.
- ALL BENCHMARKS, CONTROL POINTS, PROPERTY MARKERS, AND RIGHT-OF-WAY MONUMENTS DISTURBED OR DESTROYED SHALL BE RESET UNDER THE SUPERVISION OF A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OKLAHOMA. ALL SURVEYING COSTS SHALL BE THE CONTRACTOR'S.
- THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BEFORE EXCAVATING.
- TOPSOIL SHALL BE STRIPPED TO A DEPTH WHERE SOIL IS FREE OF ROOTS AND VEGETATION.
- REFERENCE GEOTECHNICAL ENGINEERING REPORT BY AIMRIGHT DATED APRIL 27, 2018 FOR COMPLETE PAVING AND SUBGRADE RECOMMENDATIONS. CIVIL ENGINEER WILL NOT INTERPRET SOILS REPORTS OR ACCEPT RESPONSIBILITY FOR ALTERNATIVE METHODS PROPOSED BY THE CONTRACTOR.
- UNDERCUTTING OF SOFT SPOTS AND PLACEMENT OF EARTHWORK IS GOVERNED FIRST BY THE GEOTECHNICAL REPORT. OBSERVATION AND TESTING SHALL BE PERFORMED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THAT THE SOFT SPOTS ARE PROPERLY OVEREXCAVATED AND REPLACED OR STABILIZED.
- IF EXCAVATED MATERIAL IS UNSUITABLE FOR COMPACTION, AS DETERMINED BY THE GEOTECHNICAL ENGINEER, THE CONTRACTOR SHALL FURNISH SUITABLE BORROW.
- STRIPPING, PROOFROLLING, SUBGRADE SCARIFICATION, COMPACTION, AND FILL CONSTRUCTION IN THE PAVING AREAS SHALL BE PERFORMED ACCORDING TO THE GEOTECHNICAL REPORT. EMBANKMENT FOR PAVING SUBGRADE SHALL BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES AND COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY, RESPECTIVELY, AT OPTIMUM MOISTURE CONTENT UNLESS OTHERWISE SPECIFIED THEREIN. CONTRACTOR SHALL PROVIDE WATER AS REQUIRED TO OBTAIN SPECIFIED COMPACTION.
- EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. IF APPLICABLE, EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORMWORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
- PAVING CONTRACTOR IS RESPONSIBLE TO REVIEW ALL FIELD ESTABLISHED GRADES PRIOR TO PLACEMENT OF MATERIALS SO AS TO PROVIDE POSITIVE DRAINAGE IN ALL CASES.
- CONTRACTOR SHALL COORDINATE AND PROVIDE ALL STAKING NECESSARY TO INSTALL CONDUITS SUFFICIENT FOR UTILITY AND IRRIGATION SERVICES WHETHER OR NOT SHOWN ON THE CIVIL ENGINEER'S PLANS.
- GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN. ABRUPT CHANGES IN SLOPES SHALL BE WELL ROUNDED. THE CONTRACTOR IS RESPONSIBLE FOR POSITIVE SITE DRAINAGE.
- CONTRACTOR IS RESPONSIBLE TO MEET AND MATCH NEW PAVEMENT WITH EXISTING ADJACENT PAVEMENT AREAS. THE TRANSITION BETWEEN THIS SITE AND ADJACENT SITES MUST BE SMOOTH AND MONOLITHIC. ALL GRADING MUST MEET AND MATCH GRADES ON ALL SIDES.
- ACCESSIBLE ROUTES AND SIDEWALKS ARE NOT TO EXCEED 5% RUNNING SLOPE (EXCEPT AT RAMPS) AND 2% CROSS SLOPE, INCLUDING AT DRIVEWAY CROSSINGS. ACCESSIBLE PARKING AND ACCESS AISLES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION. ALL RAMPS SHALL COMPLY WITH THE APPLICABLE ACCESSIBLE DESIGN GUIDELINES.
- ALL CUT OR FILL SLOPES SHALL BE 3H:1V OR FLATTER UNLESS OTHERWISE NOTED.
- LANDSCAPE ISLANDS TO BE FILLED WITH SOIL SUITABLE FOR VEGETATION. THE CONTRACTOR WILL ENSURE THAT NO PONDING WILL OCCUR AT LANDSCAPE ISLANDS. ALL SURFACE WATER MUST DRAIN AROUND THE ISLAND WITH POSITIVE SLOPE. NO WATER SHALL BE TRAPPED.
- CONTRACTOR SHALL MEET AND MATCH TOP OF JUNCTION BOXES/MANHOLE OR CLEANOUTS WITH FINISHED PAVING GRADES. FINAL GRADES OF ABOVE SURFACE UTILITIES NOT IN PAVED AREAS, INCLUDING BUT NOT LIMITED TO JUNCTION BOX/MANHOLE LIDS, WATER METER LIDS, AND SEWER CLEANOUTS, ARE TO BE ADJUSTED BY THE UTILITY CONTRACTOR TO CONFORM TO LANDSCAPING SOD INSTALLATIONS.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED. EXISTING PIPES ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS AT THE COMPLETION OF THE PROJECT.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
- ALL STORM PIPE ENTERING CONCRETE STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS AND SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS OF ENTIRE SITE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING. TEMPORARY DEWATERING, INCLUDING PUMPING, MAY BE REQUIRED AND SHALL BE INCLUDED IN THE SCOPE OF WORK.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED SOIL AREAS SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL AND SHALL BE PERMANENTLY STABILIZED WITH SOD.
- REMOVE ALL TREES (INCLUDING ROOTBALLS), GRASS, WEEDS, ROOTS, AND OTHER DEBRIS FROM THE AREA TO BE EXCAVATED, FILLED, OR GRADED.
- EXISTING TREES WHERE INDICATED SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING. ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND ALL GRADING ACTIVITIES TO REMAIN OUTSIDE THE DRIP LINES.

LEGEND

---	GRADING LIMITS
660	PROPOSED MAJOR CONTOUR
661	PROPOSED MINOR CONTOUR
660	EXISTING MAJOR CONTOUR
661	EXISTING MINOR CONTOUR

ABBREVIATIONS

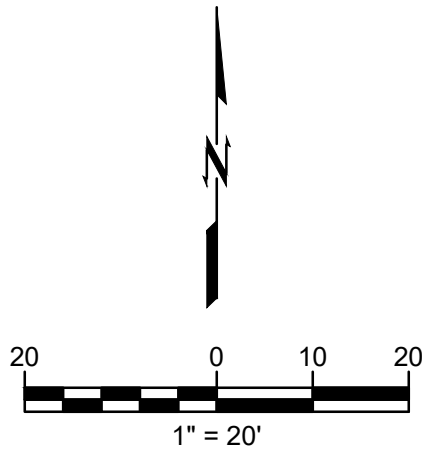
BC	BACK OF CURB
EG	EXISTING GRADE
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
GL	GUTTER LINE
HP	HIGH POINT
LP	LOW POINT
TBK	TOP OF BANK
TC	TOP OF CURB
TG	TOP OF GRATE
TOE	TOE OF BANK
TP	TOP OF PAVEMENT
TR	TOP OF RIM
TS	TOP OF SIDEWALK
TW	TOP OF WALL

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0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

ph: 918.298.7257 | 424 e. main st.
wb: gshelms.com | jenkins, ok 74037

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918.584.5858 | 800.364.5858
oklahoma call 460
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS

**GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT**
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

GRADING PLAN

SHEET NUMBER:

C500

\\svi-server\projects\2640084.tps\grissom elementary traffic improvements\04 production\01 Design Drawings\2640084 Grading Plan.dwg PLOT:3/13/2026 2:52:53 PM ORIG SIZE:24"X36"



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SEALS:

03-31-2026

PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
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918.584.5858 • 800.364.5858
oklahoma call 440
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS
GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:
EXISTING DRAINAGE MAP

SHEET NUMBER:

C501

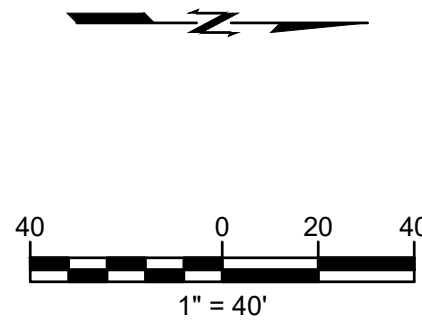
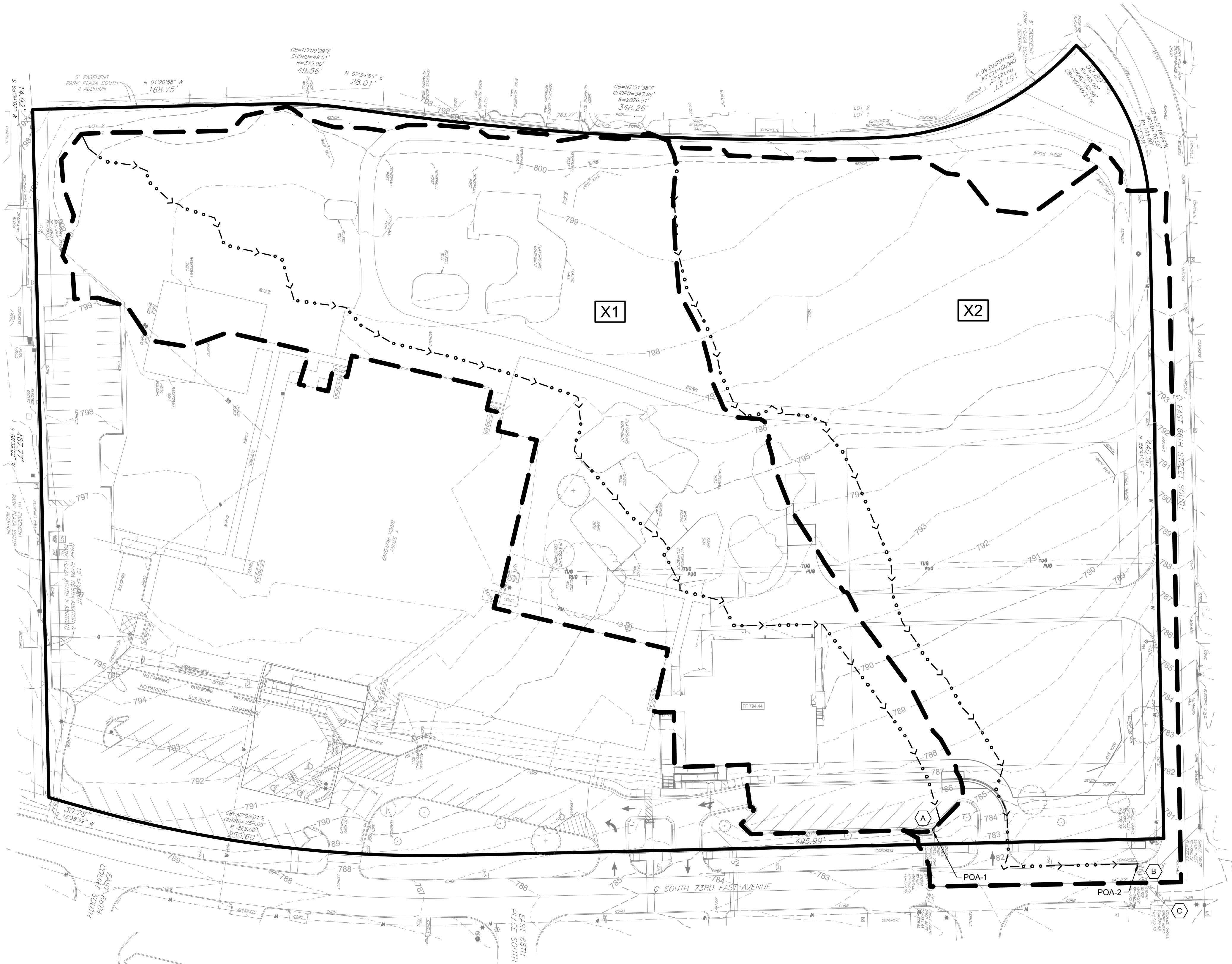
LEGEND

DRAINAGE FLOW PATH

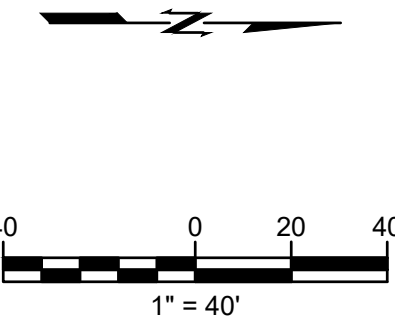
DRAINAGE AREA BOUNDARY

DRAINAGE AREA LABEL

POINT OF ANALYSIS



EXISTING DRAINAGE AREA SUMMARY (RATIONAL)																										
DRAINAGE AREA BASIN			INLET NO.	DRAINAGE AREA (SF)	DRAINAGE AREA (ACRES)	PAVED AREA (SF)	GRASS AREA (SF)	"C" FACTOR	REACH GRASS (FEET)	SLOPE GRASS (%)	VELOCITY GRASS (FPS)	REACH PAVING (FEET)	SLOPE PAVING (%)	VELOCITY PAVING (FPS)	TOTAL Tc (MIN)	100 (IN/HR)	Q 100 (CFS)	% SLOPE AT INLET	SUM Q 100 AT INLET (CFS)	D 100 INLET (FEET)	MAX DEPTH AT INLET (FEET)	INLET MAX CAPACITY (CFS)	Q 100 BYPASS (CFS)	TO STRUCTURE	CLOGGING FACTOR	INLET DESIGN
X1	A	127,212	2.92	30,911	96,301	0.53	592	2.4%	1.07	284	1.9%	2.83	10.90	8.90	13.84	sump	13.84	0.60	0.85	15.55	-	-	-	-	0.7	COT Standard Recessed Curb
X2	B	128,027	2.94	19,929	108,098	0.49	540	1.9%	0.95	173	3.9%	4.01	10.10	9.10	12.98	sump	25.89	0.56	0.35	9.90	15.99	C	0.7	Existing SGDI Design 1B		



RUNOFF SUMMARY (RATIONAL)			
100 YR STORM EVENT (1.0%)	EXISTING RUNOFF (CFS)	PROPOSED RUNOFF (CFS)	Δ (CFS)
POA-1	13.84	13.84	0.00
POA-2	25.89	23.52	-2.37
POA-3	-	5.08	5.08

PIPE DESIGN TABLE																		
		Invert (Start) (ft)	Stop Node	Invert (Stop) (ft)	Length (ft)	Slope (%)	Conduit Shape	Material	Manning's n	Diameter (in)	Flow (ft³/s)	Capacity (Full Flow) (ft³/s)	Energy Grade Line (In) (ft)	Energy Grade Line (Out) (ft)	Hydraulic Grade Line (In) (ft)	Hydraulic Grade Line (Out) (ft)	Velocity (Maximum) (ft/s)	Velocity (Half Full) (ft/s)
P-A-1	1	777.08	B	776.78	14.0	2.15%	CIRCLE	RCP	0.013	15	5.08	9.46	778.88	778.80	778.62	778.53	4.14	0.77
P-A-2	2	780.58		777.73	72.0	4.50%	CIRCLE	HP	0.010	12	5.08	9.84	782.20	779.33	781.50	778.68	12.63	1.25

PROPOSED DRAINAGE AREA SUMMARY (RATIONAL)																								
DRAINAGE AREA BASIN														INLET DESIGN										
	INLET NO.	DRAINAGE AREA (SF)	DRAINAGE AREA (ACRES)	PAVED AREA (SF)	GRASS AREA (SF)	"C" FACTOR	REACH GRASS (FEET)	SLOPE GRASS (%)	VELOCITY GRASS (FPS)	REACH PAVING (FEET)	SLOPE PAVING (%)	VELOCITY PAVING (FPS)	TOTAL Tc (MIN)	I 100 (IN/HR)	Q 100 (CFS)	% SLOPE AT INLET	SUM Q 100 AT INLET (CFS)	D 100 INLET (FEET)	MAX DEPTH AT INLET (FEET)	INLET MAX CAPACITY (CFS)	Q 100 BYPASS (CFS)	TO STRUCTURE	CLOGGING FACTOR	
A1	A	127,212	2.92	30,944	96,268	0.53	592	2.4%	1.07	284	1.9%	2.83	10.9	8.9	13.84	SUMP	13.84	0.79	0.85	15.55	-	-	0.7	EX COT Standard Recessed Curb
A2	B	91,684	2.10	19,553	72,131	0.52	461	2.7%	1.14	256	2.4%	3.14	8.1	9.7	10.61	SUMP	23.52	0.56	0.35	9.90	13.62	-	0.7	EX SGDI Design 1B
A3	2	36,343	0.83	11,927	24,416	0.58	377	2.9%	1.18	157	3.4%	3.75	6.0	10.5	5.08	SUMP	5.08	0.49	0.50	5.11	0.00	-	0.5	Double Grate Design 2 Curb Inlet



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SEALS:



ARCHITECT:

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+ ASSOCIATES

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wallace
design
collective

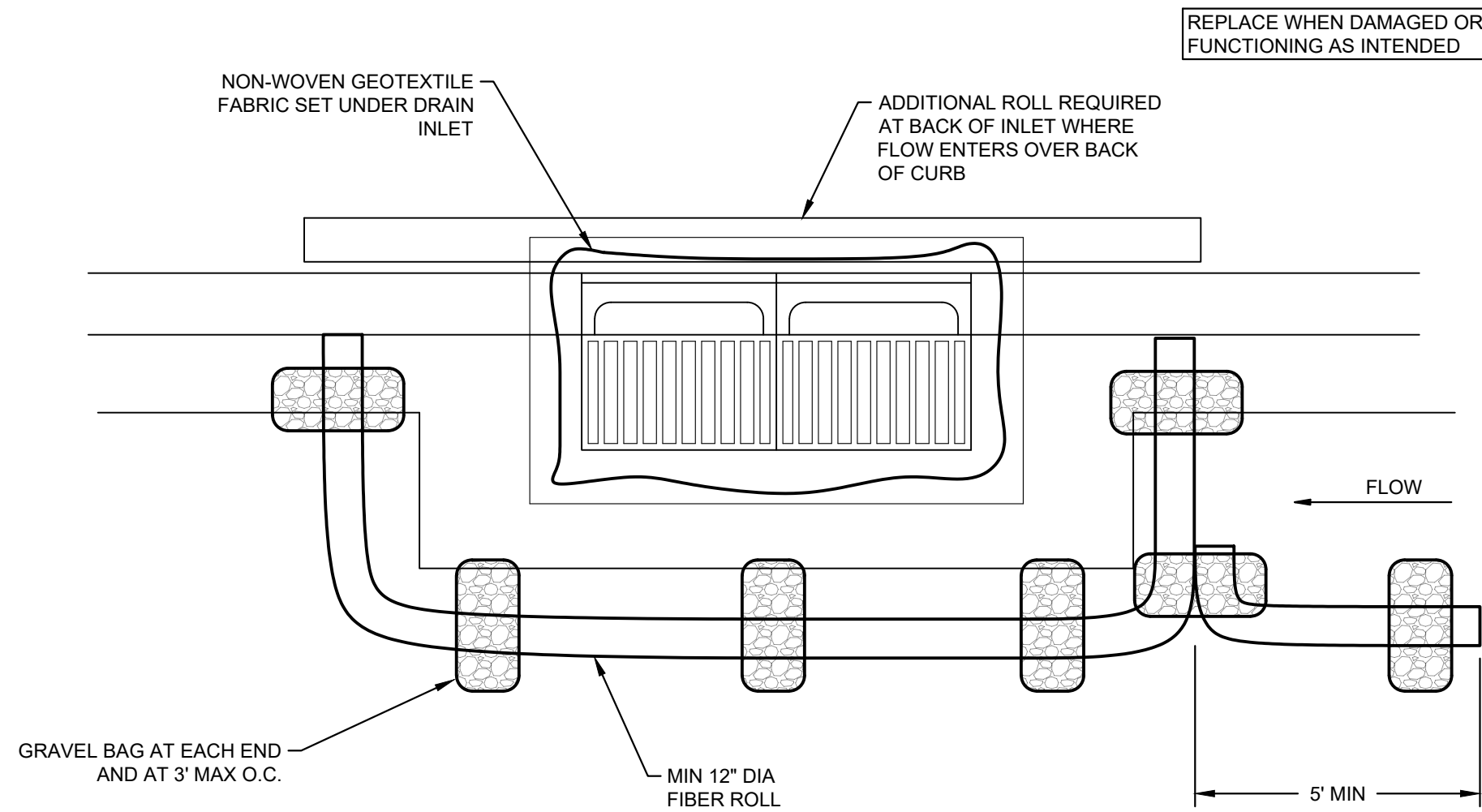
wallace design collective, pc
structural · civil · landscape · survey
123 north martin luther king jr. blvd
tulsa, oklahoma 74103
918.584.5858 · 800.364.5858
oklahoma cal460
exp: 6-30-27

GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
 6646 SOUTH 73RD EAST AVE., TULSA OK

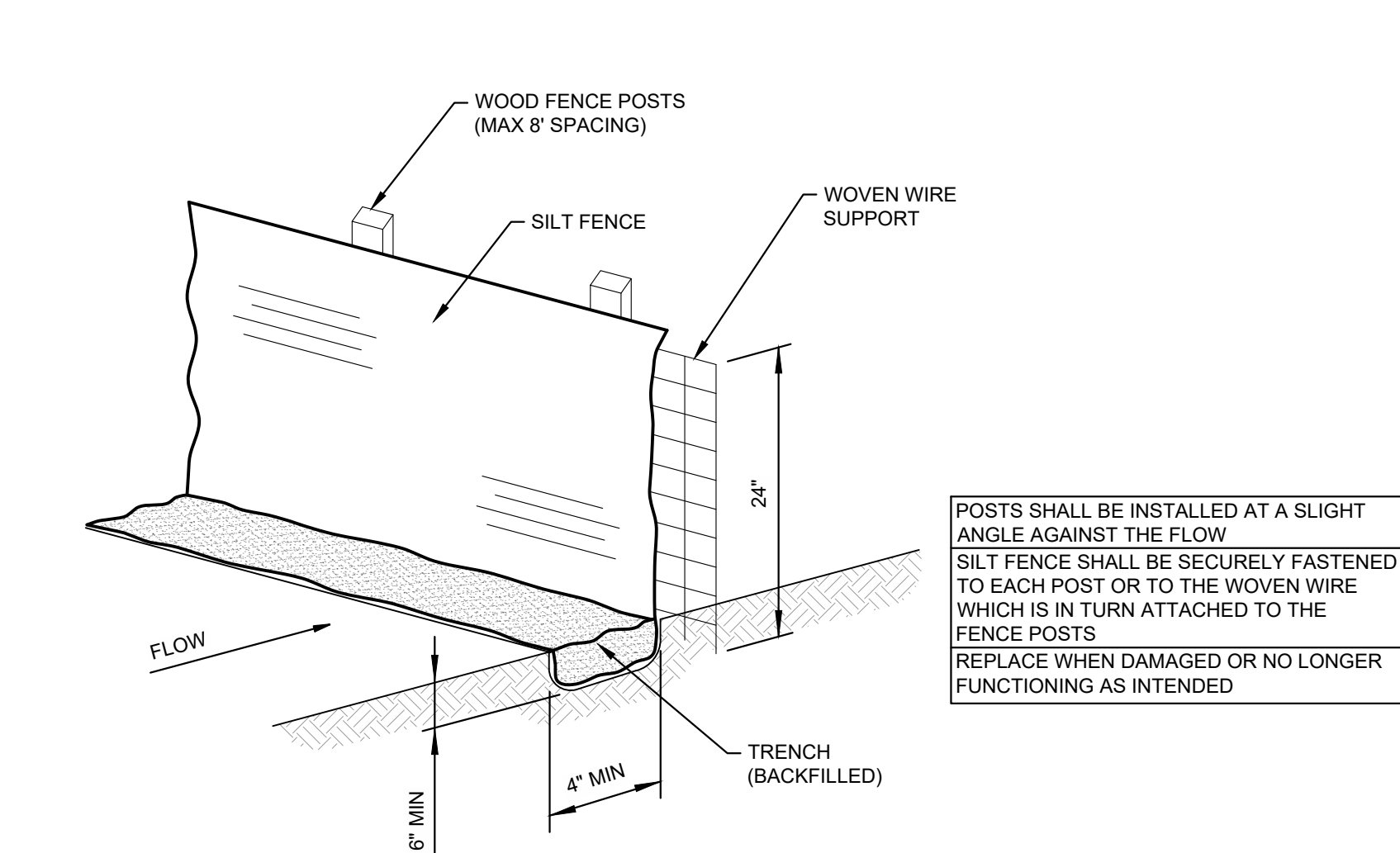
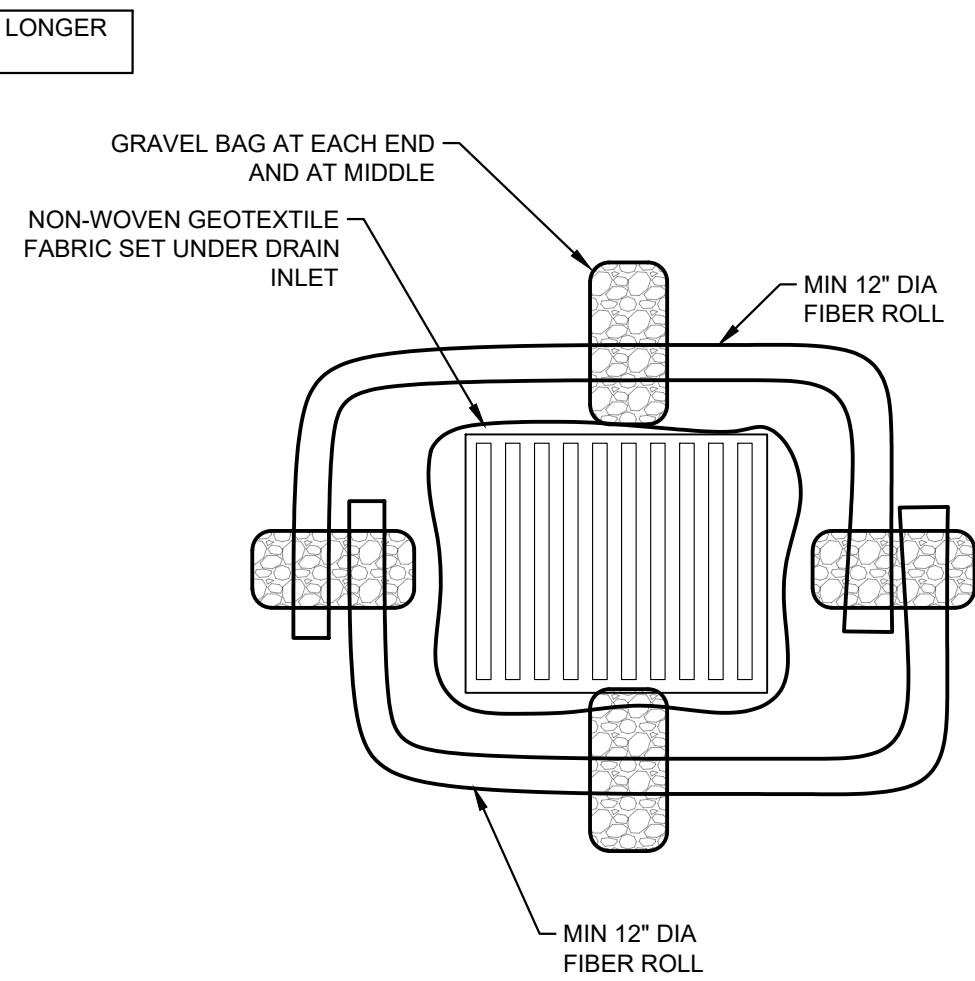
SHEET TITLE: PROPOSED DRAINAGE MAP

C502

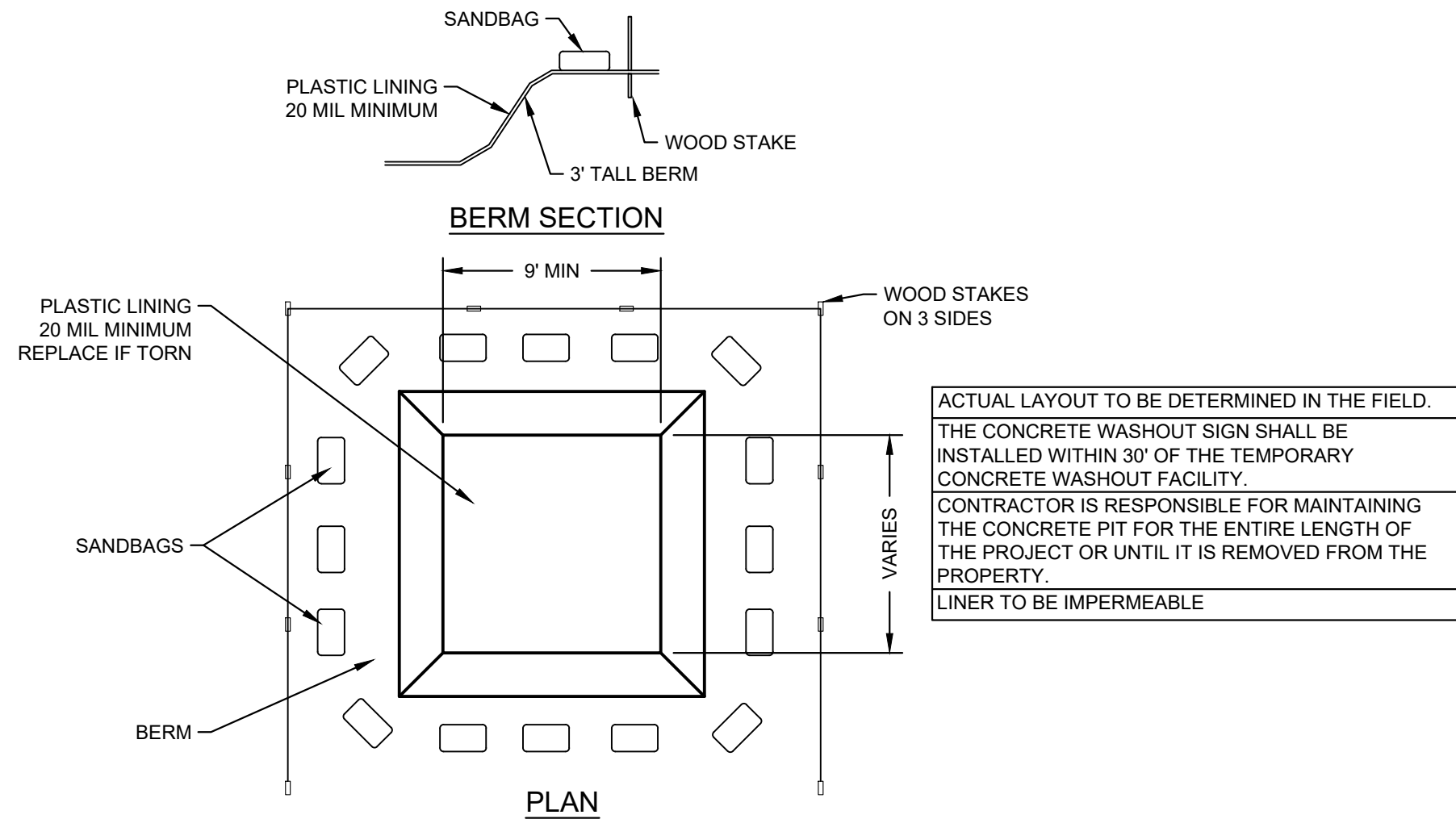
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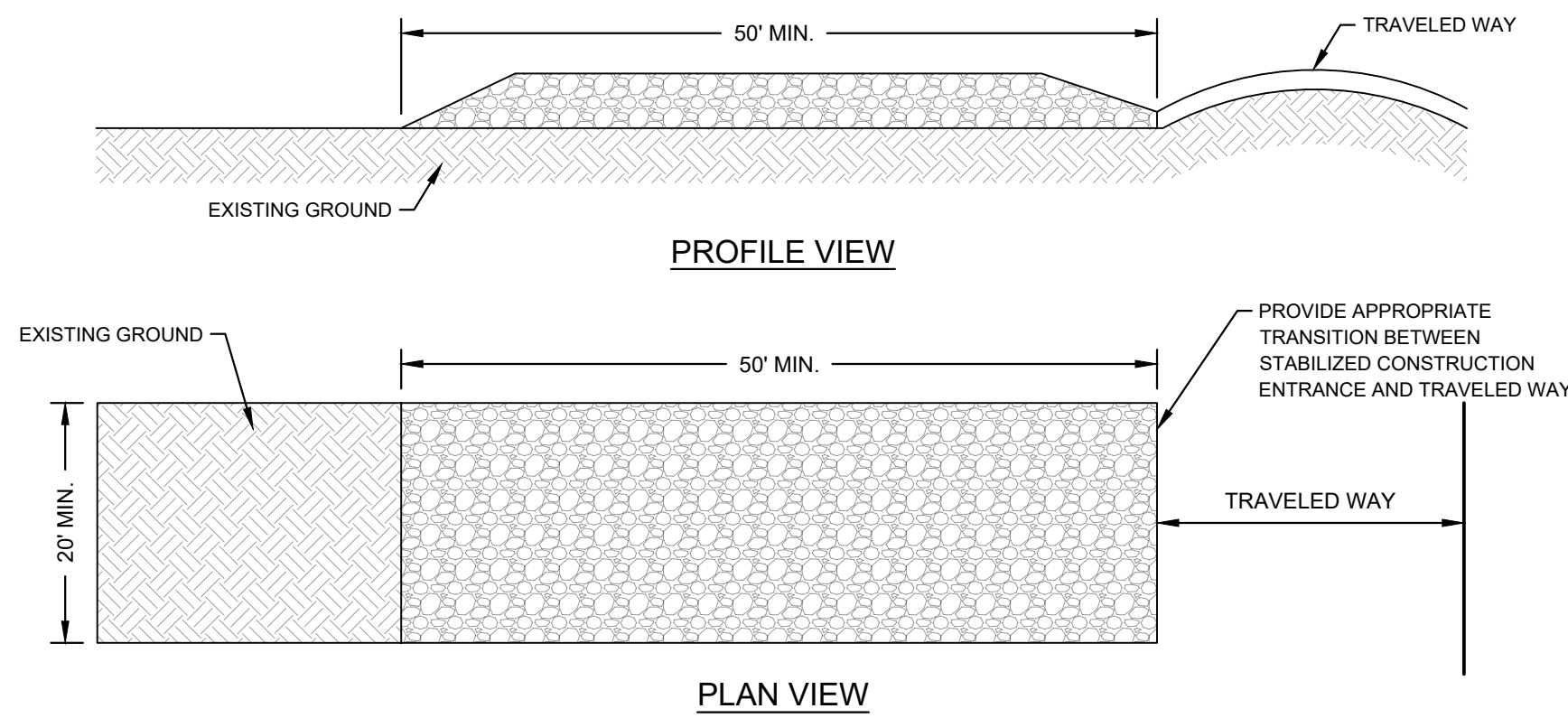
1 TEMPORARY INLET SEDIMENT TRAP
SCALE: NTS



2 SILT FENCE
SCALE: NTS

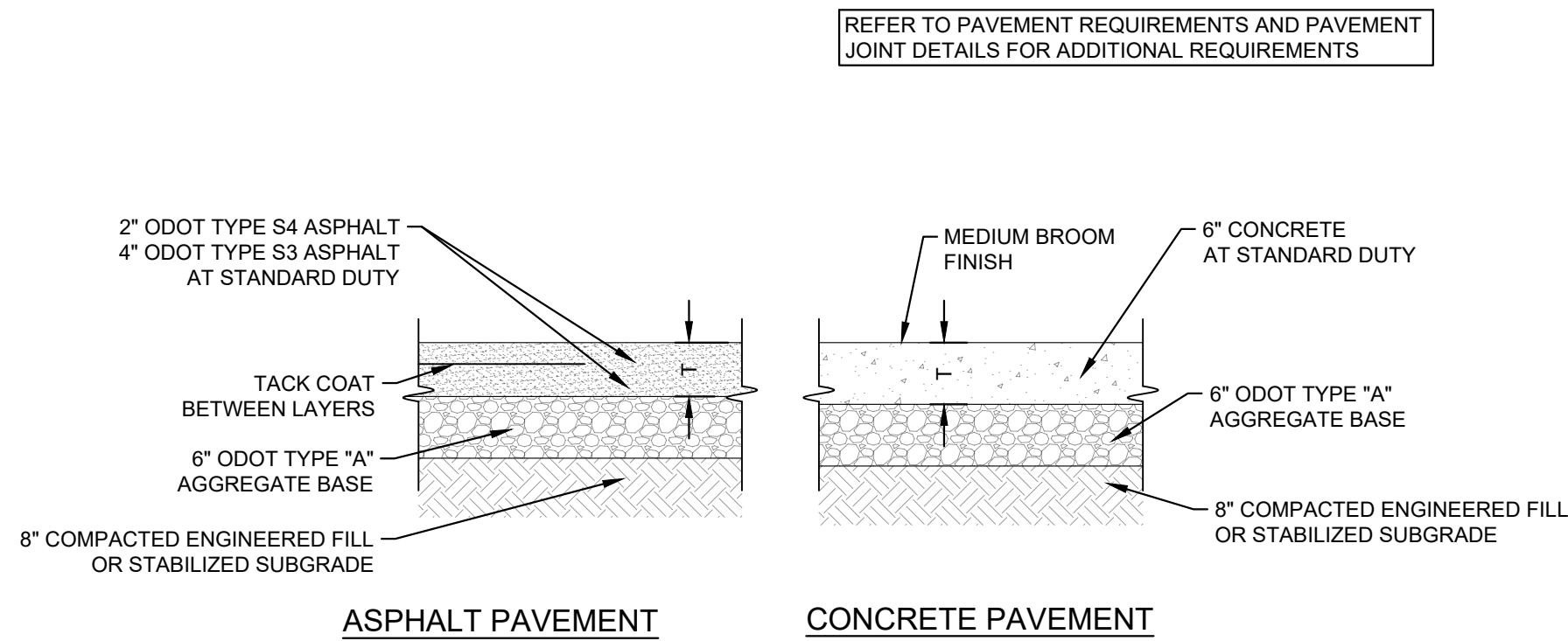


3 CONCRETE WASHOUT PIT
SCALE: NTS

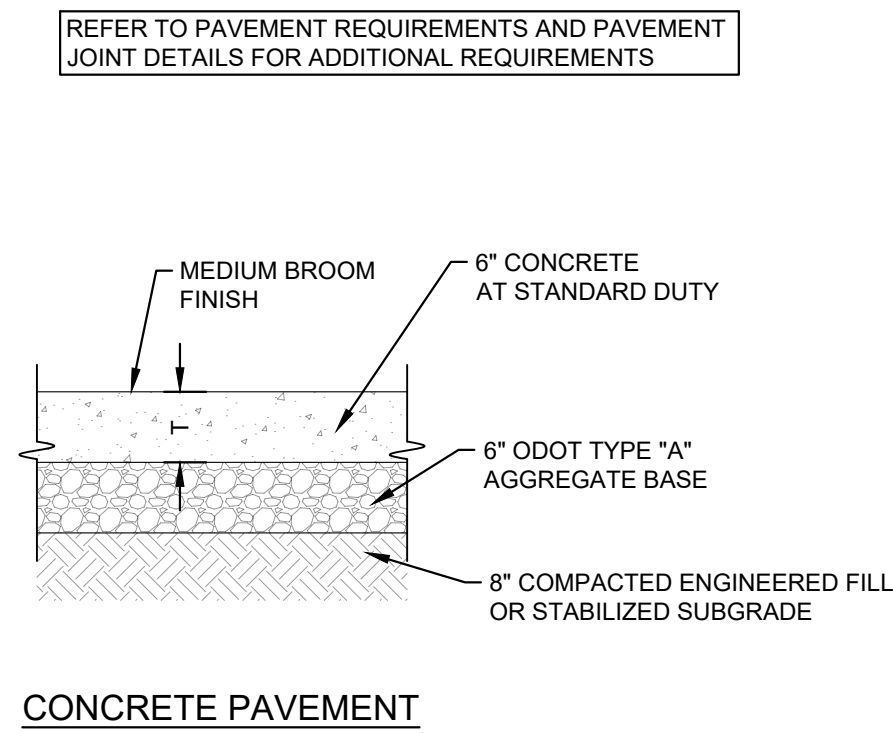


4 STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS

STONE SIZE AASHTO DESIGNATION M43, SIZE NO. 1 (2-1/2" TO 1-1/2"). USE CRUSHED STONE
LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO ADJACENT STREETS. WHEN WASHING, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS TO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR OTHER WATERCOURSE THROUGH THE USE OF SANDBAGS, GRAVEL, OR OTHER APPROVED METHOD.
MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
WHEN PLACEMENT WOULD IMPEDE DITCH FLOWS, CONTRACTOR TO INSTALL TEMPORARY CULVERT



5 TYPICAL PAVEMENT SECTIONS
SCALE: NTS



8" SCARIFY AND RECOMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY
STABILIZE SUBGRADE WITH 4-7% HYDRATED LIME OR QUICK LIME
8" ENGINEERED FILL COMPACTED TO 95% STANDARD PROCTOR DENSITY
ENGINEERED FILL SPECIFICATIONS 1. MATERIAL WITH A MAXIMUM DRY DENSITY IN EXCESS OF 100 PCF 2. PLASTICITY INDEX (PI) BETWEEN 8 AND 18 3. LIQUID LIMIT (LL) MAXIMUM OF 40 4. CONTAINING AT LEAST 15 PERCENT FINES (MATERIAL PASSING THE NO.200, BASED ON DRY WEIGHT) 5. SHALL NOT CONTAIN ROCK FRAGMENTS GREATER THAN 1.5" INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER. 6. PRIOR TO ANY FILLING OPERATIONS, SAMPLES WILL NEED TO BE TESTED BY AND APPROVED BY GEOTECH ENGINEER.
AGGREGATE BASE TO BE COMPACTED TO 98% STANDARD PROCTOR DENSITY

SUBGRADE AND AGG BASE

MIX THICKNESS TABLE		
ASPHALT MIX (ODOT)	MIN LIFT THICKNESS	MAX LIFT THICKNESS
S3 (BASE ONLY)	3"	5"
S4	2"	3.5"
S5	1"	2.5"
S3 (BASE ONLY)	3"	5"
TYPE B	2"	3.5"
TYPE C	1"	2.5"

*SHALL NOT EXCEED 2.5" FOR A SURFACE COURSE PLACEMENT

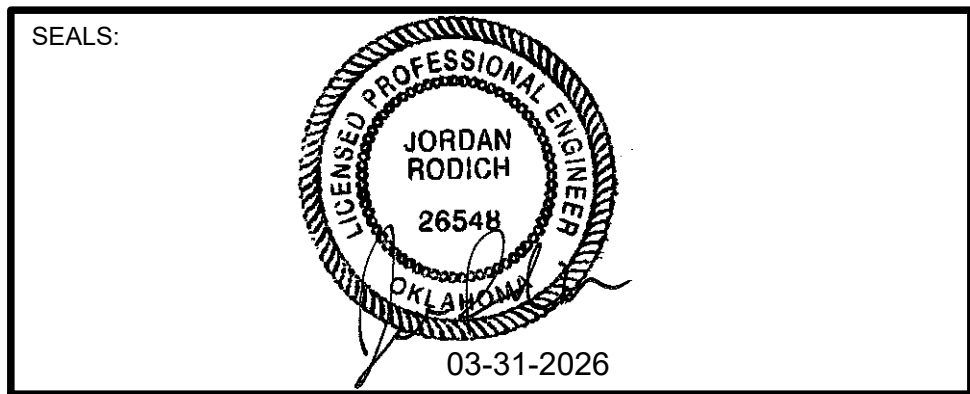
ASPHALT PAVEMENT

FLY ASH OR POZZOLAN NOT PERMITTED
COMPRESSIVE STRENGTH (28 DAYS): 4000 PSI
MAX WATER-CEMENTITIOUS RATIO AT POINT OF PLACEMENT: 0.45
SUMP LIMIT: 4" PLUS OR MINUS 1"
CALCIUM CHLORIDE SHALL NOT BE PERMITTED IN CONCRETE MIXTURES
CHEMICAL ADMIXTURES TO MEET DOT SPECS FOR HIGHWAY CONSTRUCTION
CEMENTITIOUS MATERIALS TO CONFORM TO THE DOT SPECIFICATION FOR HIGHWAY CONSTRUCTION; LIMIT PERCENTAGE BY WEIGHT OF CEMENTITIOUS MATERIAL OTHER THAN PORTLAND CEMENT ACCORDING TO ACI 301 REQUIREMENTS

CONCRETE PAVEMENT AND SIDEWALKS

6 TYPICAL PAVEMENT REQUIREMENTS
SCALE: NTS

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE



PROJECT NO.:	26-00400
FILE:	
ISSUE DATE:	03.31.26
SCALE:	AS NOTED
DRAWN BY:	LB/SF
CHECKED BY:	JR
APPROVED BY:	JR

ARCHITECT:

GS HELMS + ASSOCIATES

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oklahoma.cdl1460
exp: 6-30-27

PROJECT TITLE: TULSA PUBLIC SCHOOLS

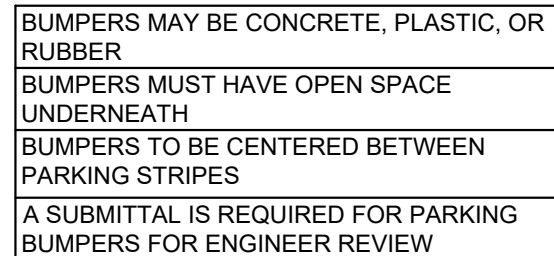
GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

SHEET TITLE:

DETAILS

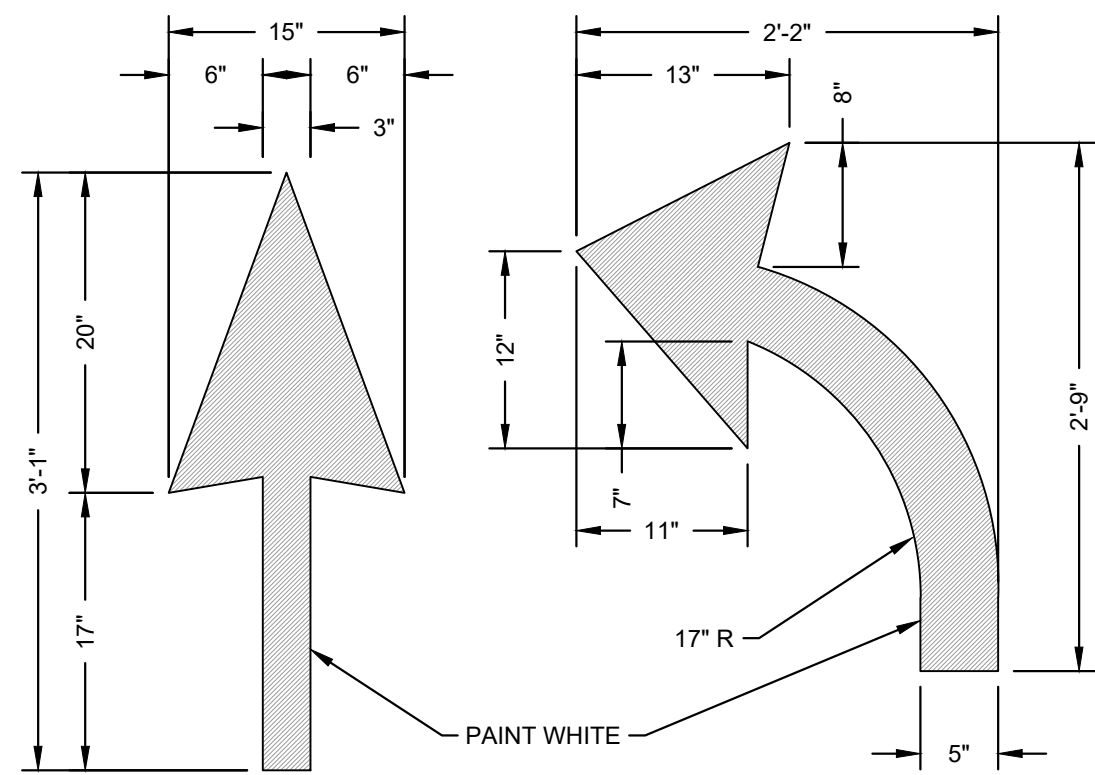
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C800



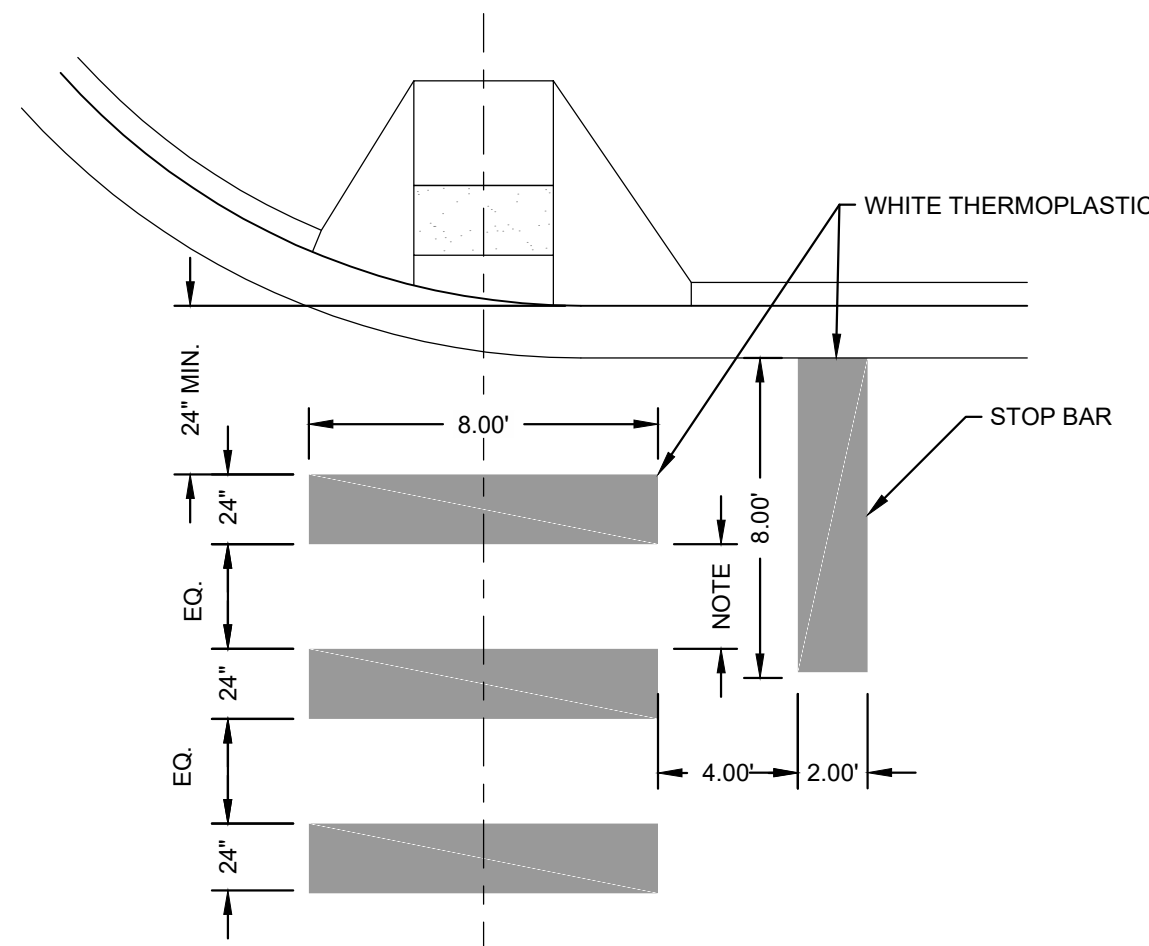
\\Civil-Server\Projects\2640084_TPS Grissom Elementary Traffic Improvements\04 Production\01 Design Drawings\2640084 Details.dwg PLOT:3/30/2026 12:00:20 AM ORIG SIZE:24"X36"

STENCILED LETTERING MAY BE SUBMITTED FOR APPROVAL



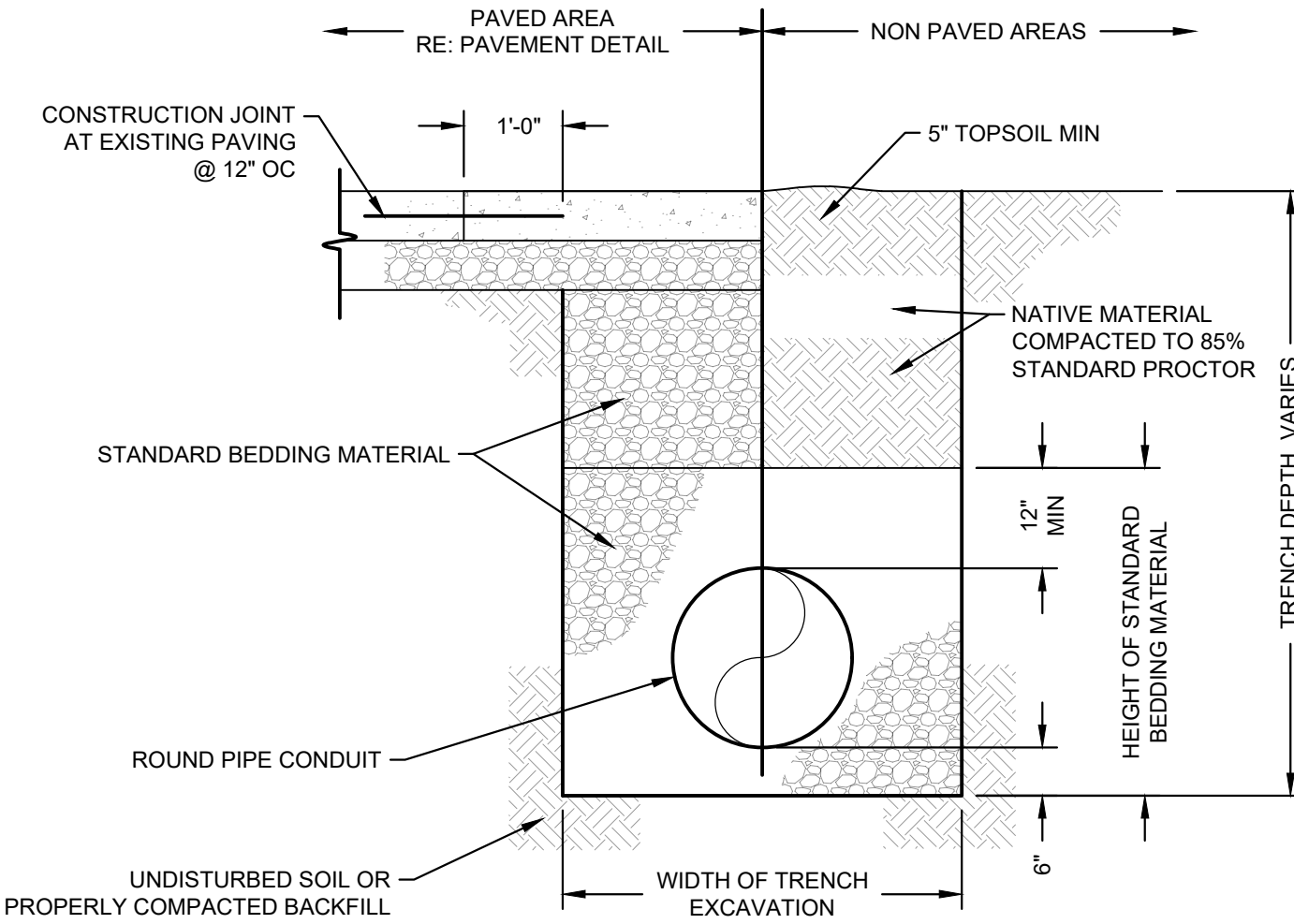
1 DIRECTIONAL ARROWS

SCALE: NTS



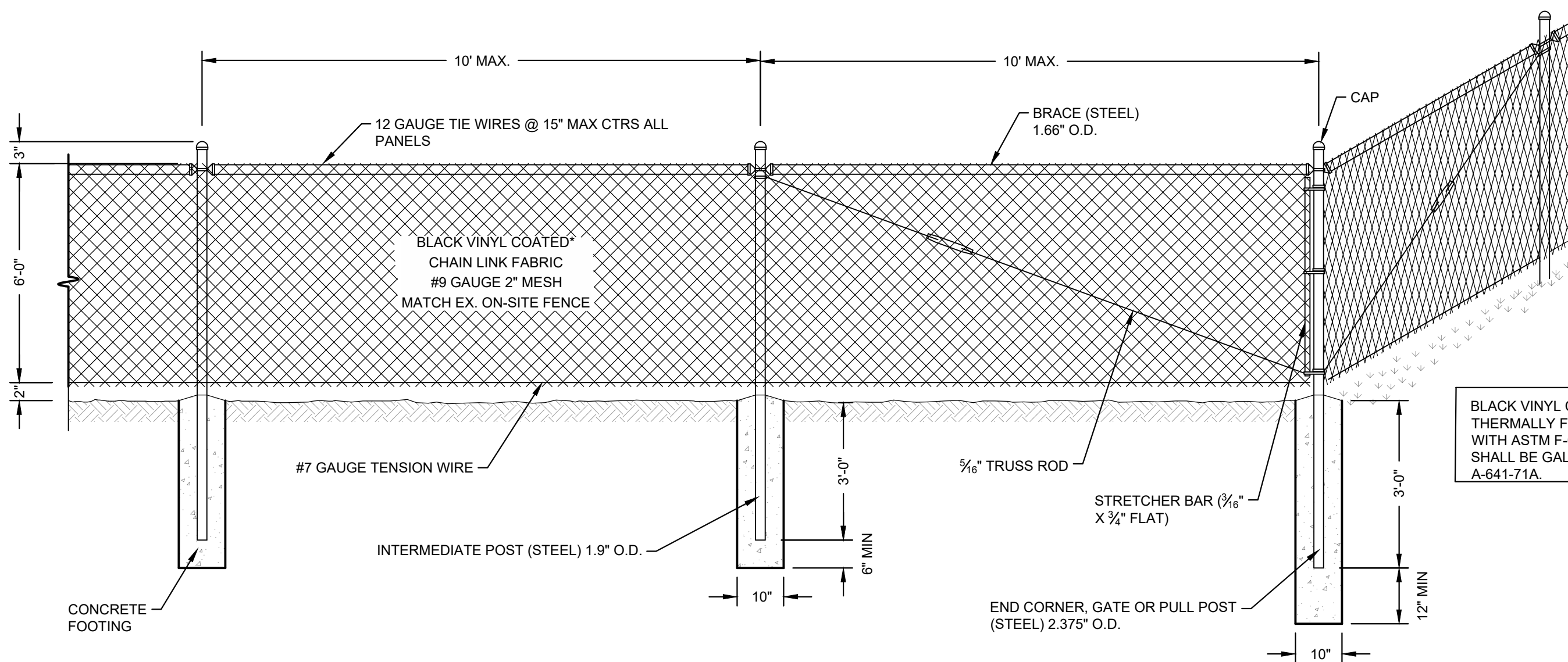
2 CROSSWALK STRIPING

SCALE: NTS



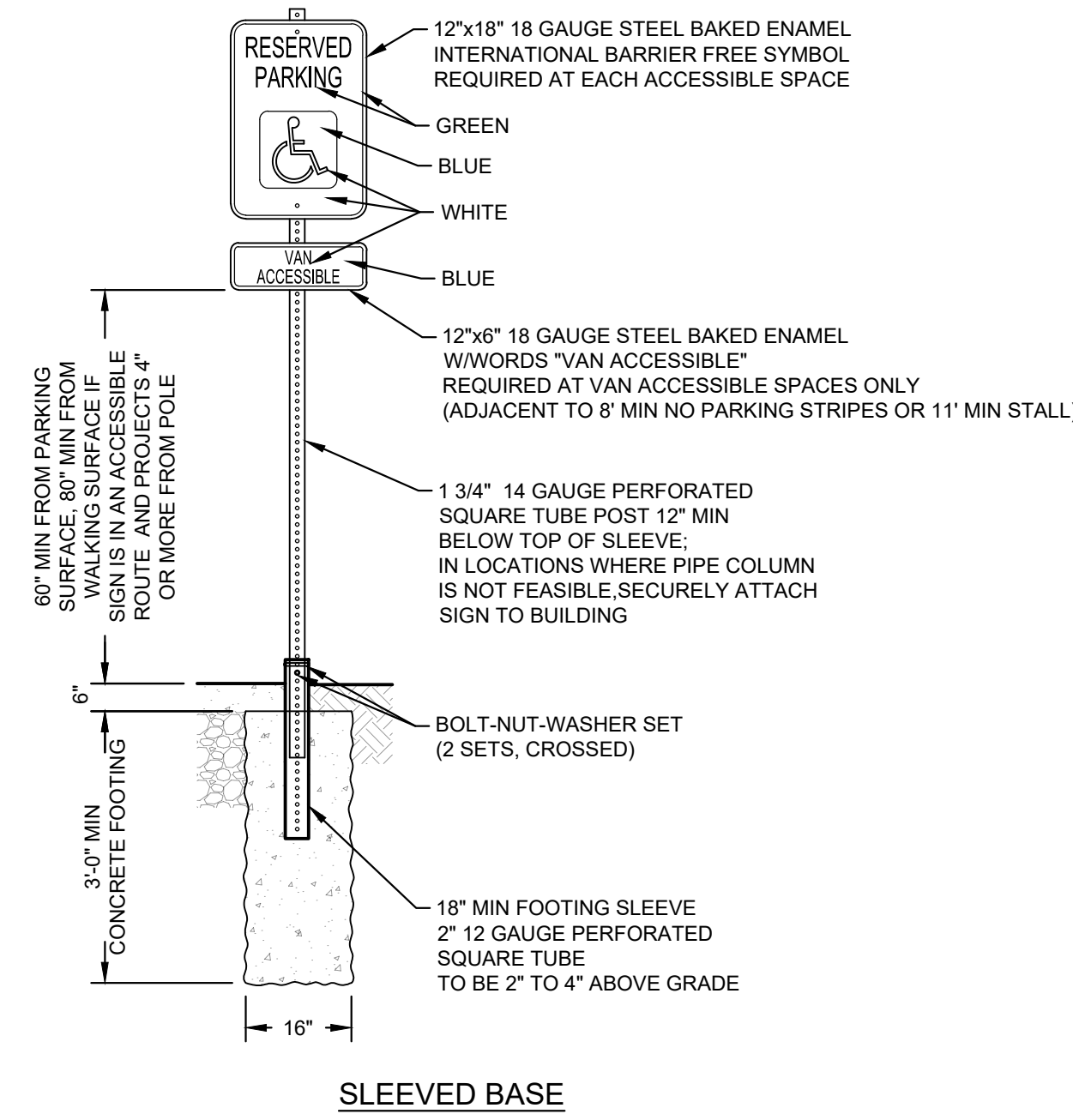
3 STANDARD PIPE BEDDING DETAIL FOR STORM SEWER

SCALE: NTS



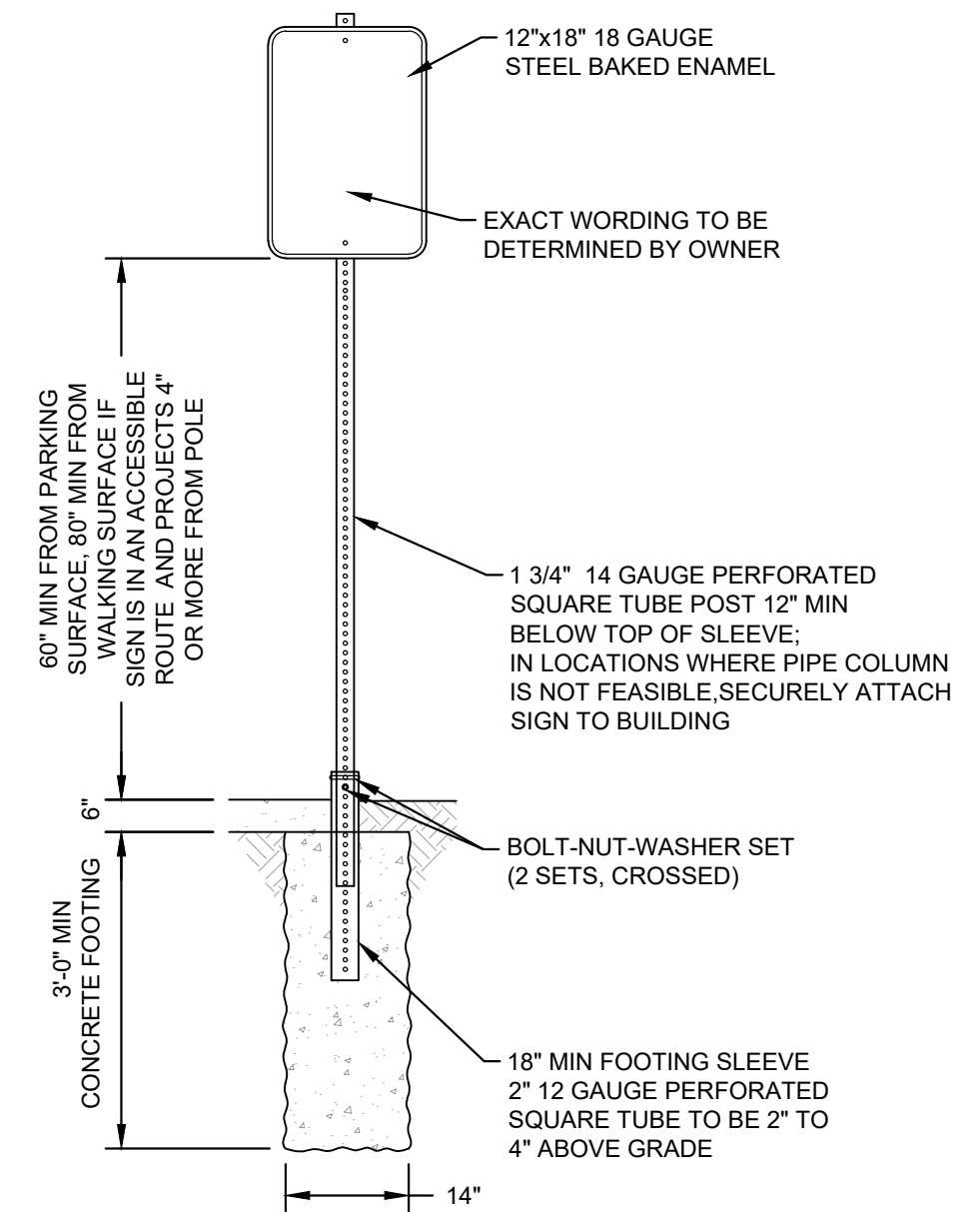
4 VINYL CHAIN LINK FENCE

SCALE: NTS



5 ACCESSIBLE SIGNAGE

SCALE: NTS



6 SIGN INSTALLATION

SCALE: NTS

0	CONSTRUCTION DOCUMENTS	03.13.26
1		
2		
3		
4		
5		
6		
7		
8		
9		
#	REVISION	DATE

SEALS:

03-31-2026

PROJECT NO.:	26-00400
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DRAWN BY:	LB/SF
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PROJECT TITLE:

TULSA PUBLIC SCHOOLS

GRISSOM ELEMENTARY SCHOOL
NEW DROP-OFF / PICK-UP DRIVE & PARKING LOT
6646 SOUTH 73RD EAST AVE., TULSA OK

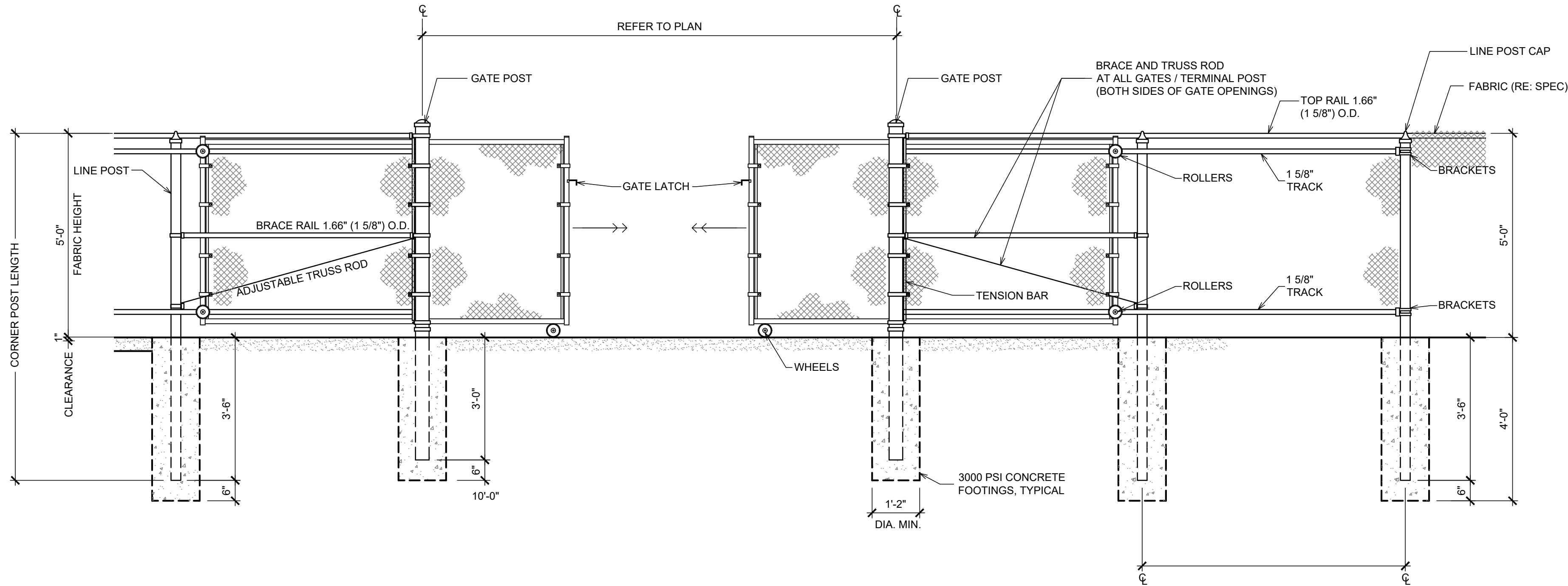
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DETAILS

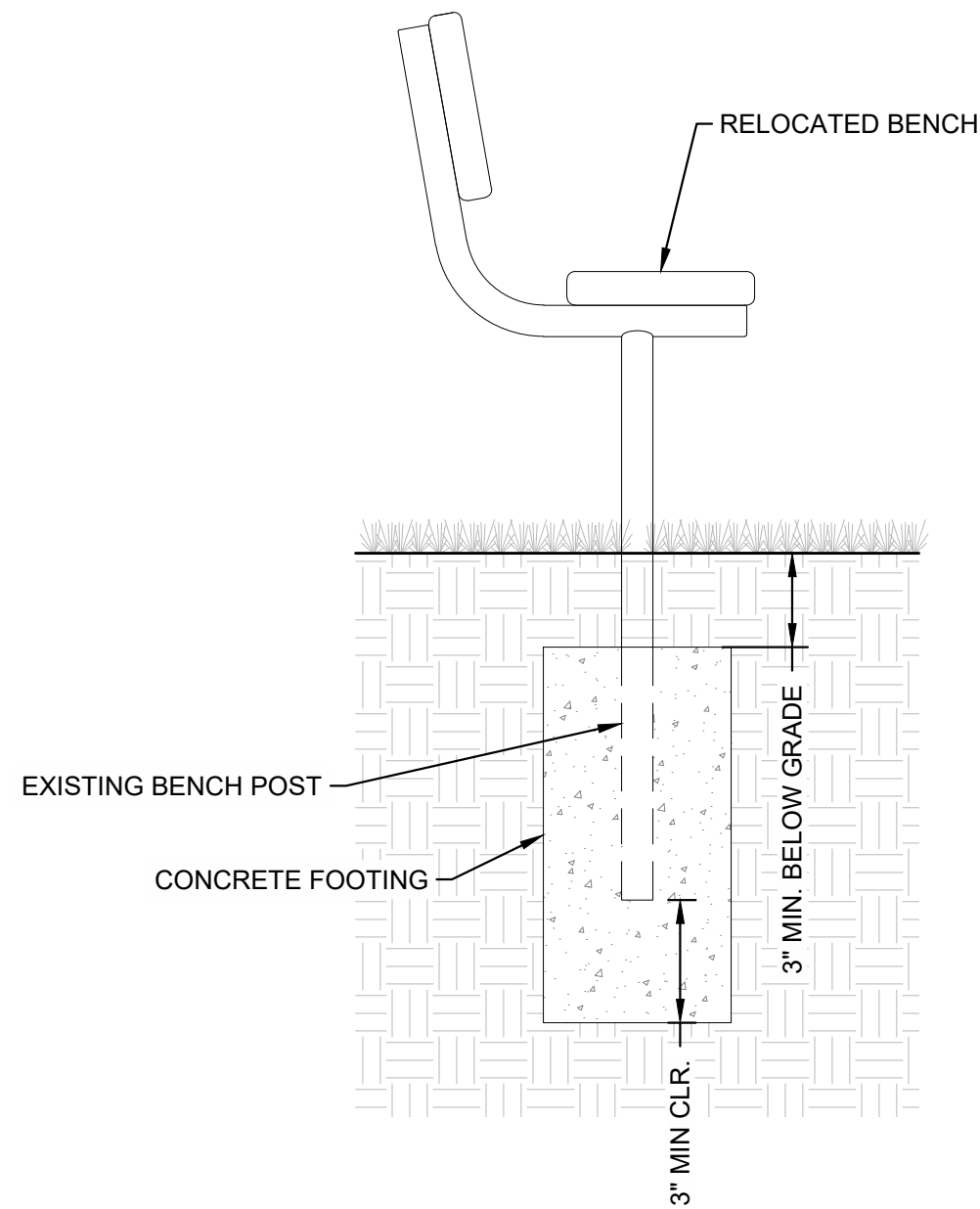
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C802

\\Civ-Server\Projects\2640084 TPS Grissom Elementary Traffic Improvements\04 Production\01 Design Drawings\2640084 Details.dwg PLOT:3/29/2026 11:58:48 PM ORG SIZE:24"X36"



1 ROLLING GATE ELEVATION
SCALE: NTS



2 RELOCATED BENCH FOOTING
SCALE: NTS

0	CONSTRUCTION DOCUMENTS	03.13.26
#	REVISION	DATE

SEALS:



PROJECT NO.:	26-00400
FILE:	
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APPROVED BY:	JR

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**GRISSOM ELEMENTARY SCHOOL
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C803