FINAL DEVELOPMENT PLANS FOR LOT 9 OF WEST PRYOR

UTILITIES
Electric Service
EVERGY
Nathan Michael
913-347-4310
Nathan.michael@kcpl.com

Gas Service
Spire
Katie Darnell
816-969-2247
Katie.darnell@spireenergy.com

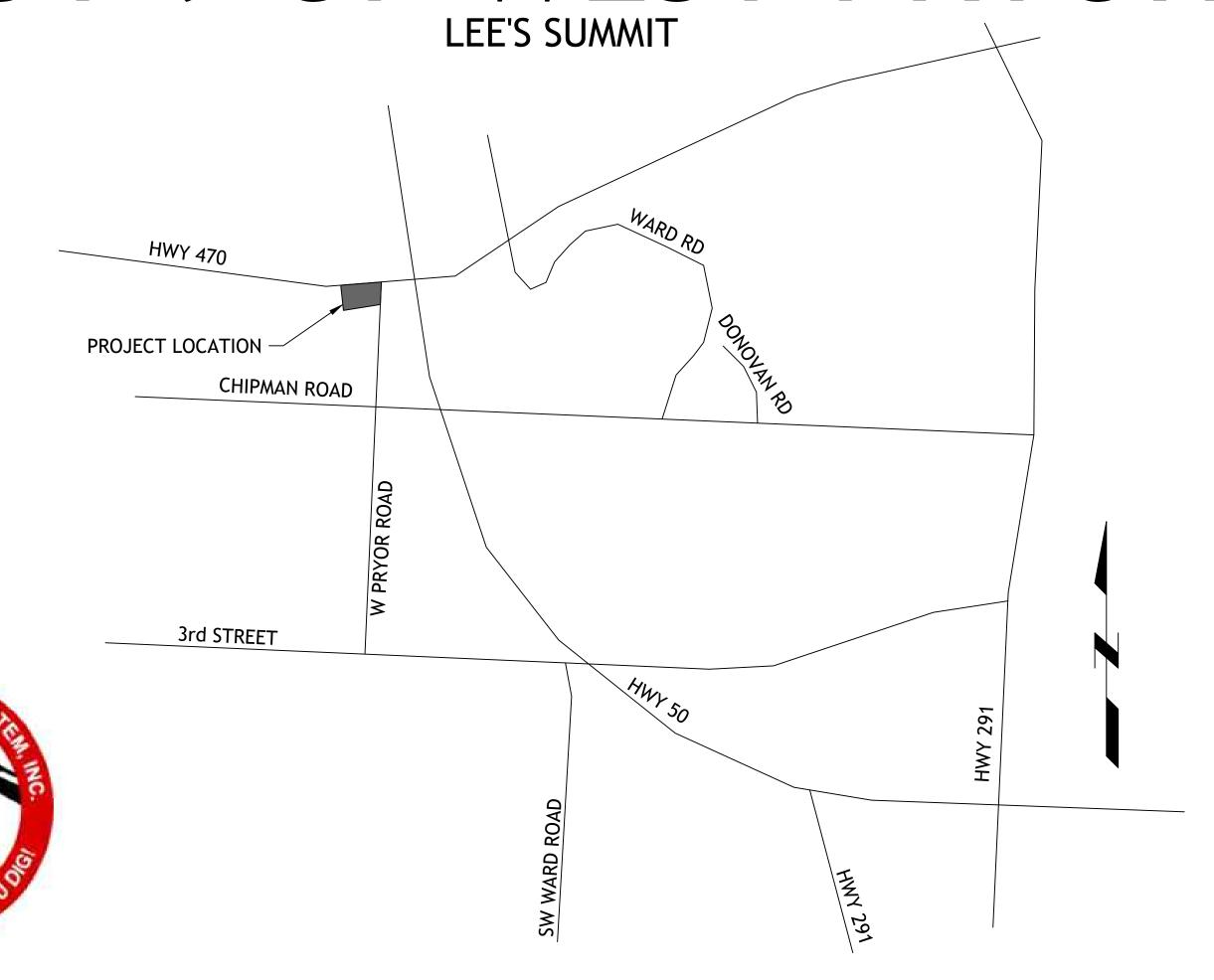
Water/Sanitary Sewer
Water Utilities Department
1200 SE Hamblen Road
Lee's Summit, Mo 64081
Jeff Thorn
816-969-1900
jeff.thorn@cityofls.net

Communication Service AT&T Carrie Cilke 816-703-4386 cc3527@att.com

Time Warner Cable
Steve Baxter
913-643-1928
steve.baxter@charter.com

Comcast
Ryan Alkire
816-795-2218
ryan.alkire@cable.comcast.com

Google Fiber
Becky Davis
913-725-8745
rebeccadavis@google.com



UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY/DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENEDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER SM ENGINEERING NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE SM ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION- NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

LOCATION MAP

LEGAL DESCRIPTION:
LOT 9, STREETS OF WEST PRYOR, LEE'S SUMMIT, JACKSON COUNTY MISSOURI

ALL EXISTING TOPOGRAPHIC DATA AND INFRASTRUCTURE IMPROVEMENTS SHOWN BASED ON INFORMATION BY KAW VALLEY ENGINEERING

BENCHMARKS:

#1 CHISELED "SQUARE" ON TOP OF CURB POINT OF INTERSECTION OF WEST PARK PARKING LOT AT EAST DRIVE ENTRANCE ELEVATION 985.05

#2 CHISELED "SQUARE" ON NORTHWEST CORNER AREA INLET, 25' EAST OF CURB LINE AND ON-LINE WITH SOUTH CURB OF LOWENSTEIN DRIVE AT 90° BEND IN ROAD ELEVATION 971.06

INDEX OF SHEETS

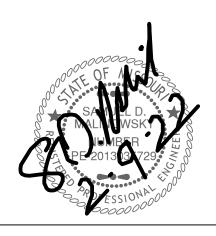
- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 SITE PLAN
- C-4 UTILITY PLAN
- C-5 SITE ELECTRICAL PLAN
 C-6 GRADING PLAN
- C-0 GRADING PLAN
- C-7 ADA RAMP DETAILS
 C-8 STORM LINE B,C & D PLAN AND PROFILE
- C-9 EROSION CONTROL PLAN
- C-10 EROSION CONTROL DETAILS
- C-11 DETAILS
- C-12 DETAILS
- C-13 DETAILS
- C-14 LANDSCAPE PLAN
- SL101 PHOTOMETRIC PLAN
- SL200 LIGHTING SCHEDULE

DEVELOPER

STREETS OF WEST PRYOR, LLC DAVID N. OLSON 7200 W 133rd ST, SUITE 150 CELL: OVERLAND PARK, KS 66213 314-413-3598

ENGINEER

SM ENGINEERING 5507 High Meadow Circle Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747



SAMUEL D. MALINOWSKY PROFESSIONAL ENGINEEER

5507 High Meadow Circle Manhattan Kansas, 66503 smcivilengr@gmail.com

785.341.9747

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Revisions

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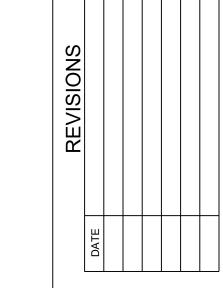
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COVER SHEET

permit
8 FEBRUARY 2022

ALTA/NSPS Land Title Survey Streets of West Pryor Lot 9

Section 35, Township 48, Range 32 Lee's Summit, Jackson County, Missouri



S

PROFESSIONAL SEAL

This is to certify that this man or plat and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACS, Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6.a 6.b,

Top: 975.64

Top: 978.63

Out (N): 970.03

Top: 980.93

In (S) 24" RCP: 974.33 In(S) 36" RCP: 964.73

Out(N) 36" RCP: 964.33

Top:∮977.99 Out (N): 970.49

Top: 982.05

Out(N) 24" RCP: 975.20

In (E) 18" RCP: 967.99

In(S) 36" RCP: 962.49

Out(N) 42" RCP: 962.19

Top: 975.85 In (S) 42" RCP: 961.15

Out(N) 48" RCP: 960.85

In (S):965.96

Out (N): 965.74

Streets of West Pryor

Lots 1 thru 14, Tracts
"A", "B", "C", & "D"

Top: 992.06

Streets of West Pryor

Lots 1 thru 14, Tracts

"A", "B", "C", & "D" 119,924 sq. ft (2.75 Ac.

Top: 984.49

Top: 984.41

In (N) 18" HDPE: 977.41

In(S) 30" HDPE: 976.61 Out(W) 30" HDPE: 976.41

(S) 18" HDPE: 977.84

Top: 989.27

Light Pole

Out(W) 18" HDPE: 984.87

Curb Inlet

Top: 989.85

In (E) \18" HDPE: 983.70

S87°32'44"E 388.97'

Lot 6 Streets of West Pryor

Lots 1 thru 14, Tracts "A", "B", "C", & "D"

Out(W) 24" HDPE: 983.15

Top: 989.78

Top: 989.83\

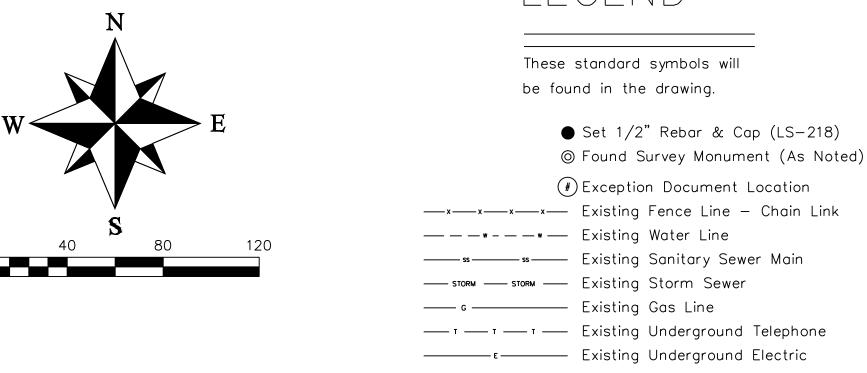
Light Pole

16.5' P.C.A.E.

Out(W) 18" HDRE: 985.13 \

In (W):983.90 Out (E): 983.72

N87°32'43"W 413.63'



PROPERTY DESCRIPTION (Chicago Title Insurance Companyy, Policy No. xxx) (xxxxx at 8:00 AM)

Description taken verbatim from Commitmen

The Survey Parcel is subject to the following items listed in Schedule B - Section II

ALTA/ACSM - Table A requested items

- 1. Monuments were placed at all major corners of the boundary, unless already marked or referenced by existing monuments 2. Address of subject property
- -900 NW Pryor Road 3. Flood Zone Classification
- -Located outside the 100 year flood plan per panel 20209C0152D, dated September 2, 2011 4. Gross land area
- -Lot Area 119,921 sq. ft (2.75 Ac.)
- 6. Current Zoning Classification
- -Height and area standards. All buildings, structures and other uses of land shall conform to the following minimum standards:
- 7. Exterior dimensions of all buildings at ground level No buildings on lot at the time of the survey 8. Substantial features observed in the process of conducting the survey
- 9. Striping, number and type of parking spaces in parking areas, lots and structures
- -14 regular parking spaces on lot at the time of the survey 10.a. Determination of whether certain walls designated by the client are plumb
- 10.b. Determination of whether certain walls designated by the client are plubm
- 11.b. Location of utilities existing on or serving the surveyed property as determined by observed evidence 12. Governmental Agency survey-related requirements as specified by the client, such as for HUD surveys, and survey for lease on Bureau of Land Management managed lands
- -HUD Requirements have been added to the survey
- 13. Name of adjoining owners of platted lands according to the current public record 16. There is no observed evidence of current earth moving work, building construction or building additions
- 17. There have been no apparent changes to the street right of way
- 18. There is no observed evidence of site use as a solid waste dump, sump or sanitary landfill 19. Location of wetland areas as delineated by appropriate authorities

Chicago Title Insurance Company

Engineering Soutions, LLC., Corp Authority CLS-218

Date of Plat or Mato:

- 20.a Locate improvements within any offsite easements or servitudes benifiting the surveyed property that are disclosed in the Record Documents provided to the surveyor and that are observed in the process of conducting the survey

7.a, 8, 9, 10.a., 10.b, 11. 12, 3,16, 17, 18, 19 and 20.a of Table A thereof. The field work was completed on April 11, 2013

SURVEYOR'S GENERAL NOTES:

Streets of West Pryor

Lots 1 thru 14, Tracts
"A", "B", "C", & "D"

Grate Inlet-

Top: 990.21

In (E) 18" HDPE: 984.59

In(N) 24"-HDPE: 983.39

Out(W) 30"\HDPE: 983.09

In (E) 30" HDPE: 982.21

Out(S) 30" HDPE: 981.96

Curb Inlet/

Top: 990.35

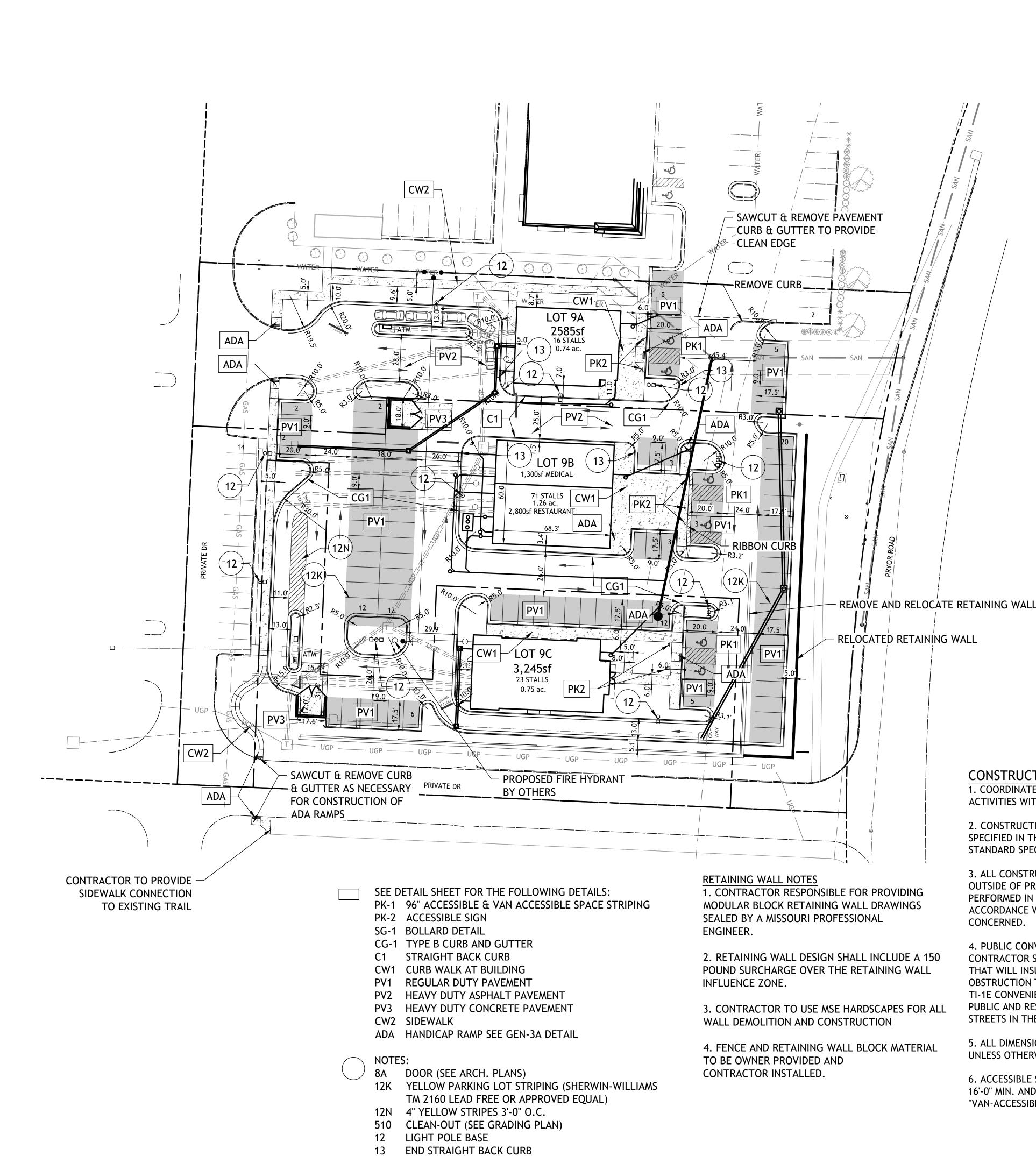
In (S) 30" HDPE: 974.35

In (E) 24" HDPE: 982.45

In (N) 30" HDPE: 981.75

Out(W) 42" HDPE: 973.45

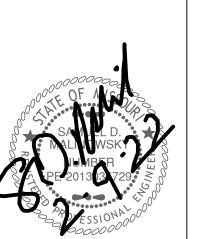
- 1). This survey is based upon the following information provided by the client or researched by this surveyor. (A). Streets of West Pryor Lots 1 thru 14, Tracts "A", "B", "C", & "D", recorded as Document No. 2019E0032538 in Book 183 at Page 28.
- 2). This survey meets or exceeds the accuracy standards of a (SUBURBAN) Property Boundary Survey as defined by the Missouri Standards for Property Boundary Surveys.
- 3). The Title report was furnished by XXXXX, Policy No. xxxxxx Dated: xxxx xx, 2021 @ 8:00 A.M.
- 4). Bearings shown hereon are based upon bearings described in the Final Plat of Streets of West Pryor Lots 1 thru 14, Tracts "A", "B", "C" & "D".
- 5). This company assumes no responsibility in the location of existing utilities within the subject premises. This is an above-ground survey. The underground utilities, if shown, are based on information provided by the various utility companies and these locations should be considered approximate. There may be additional underground utilities not shown on this drawing.
- 6). Subsurface and environmental conditions were not surveyed or examined or considered as a part of this survey. No evidence or statement is made concerning the existence or underground or overhead conditions, containers or facilities that may affect the use or development of this property. No attempt has been made to obtain or show data concerning existence, size, depth, conditions, capacity or location of any utility existing on the site, whether private, municipal or public owned.
- 7) This property is located outside the 100 year flood plain, zone "x" as shown on the Firm Panel 20209C0152D, Dated September 2, 2011



Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747

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Revisions

LOT 9A

SITE DATA

TOTAL SITE 0.74ac (32,234sf) TOTAL IMPERVIOUS AREA 22,658sf OPEN SPACE 9,576sf (29.7%)

TOTAL BUILDING

TOTAL PARKING 16 (6.18 STALLS / 1000sf)

LOT 9B

TOTAL SITE 1.26ac (54,885sf) TOTAL IMPERVIOUS AREA 40,480sf

14,405sf (26.2%) OPEN SPACE TOTAL BUILDING 4,100sf

69 (16.82 STALLS / 1000sf) TOTAL PARKING

LOT 9C

TOTAL SITE 0.75ac (32,670sf) TOTAL IMPERVIOUS AREA 23,569sf OPEN SPACE 9,101sf (27.8%)

TOTAL BUILDING 3,245sf

TOTAL PARKING 23 (7.08 STALLS / 1000sf)

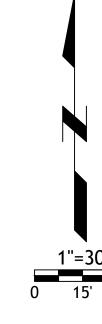
CONSTRUCTION NOTES:

1. COORDINATE START-UP AND ALL CONSTRUCTION **ACTIVITIES WITH OWNER.**

- 2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE STANDARD SPECIFICATIONS.
- 3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- 4. PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR TI-1E CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO STREETS IN THE CONSTRUCTION AREA.
- 5. ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- 6. ACCESSIBLE STALLS SHOWN WITH A "VAN" SHALL BE 16'-0" MIN. AND SHALL HAVE A SIGN DESIGNATING "VAN-ACCESSIBLE". SEE DETAIL102.

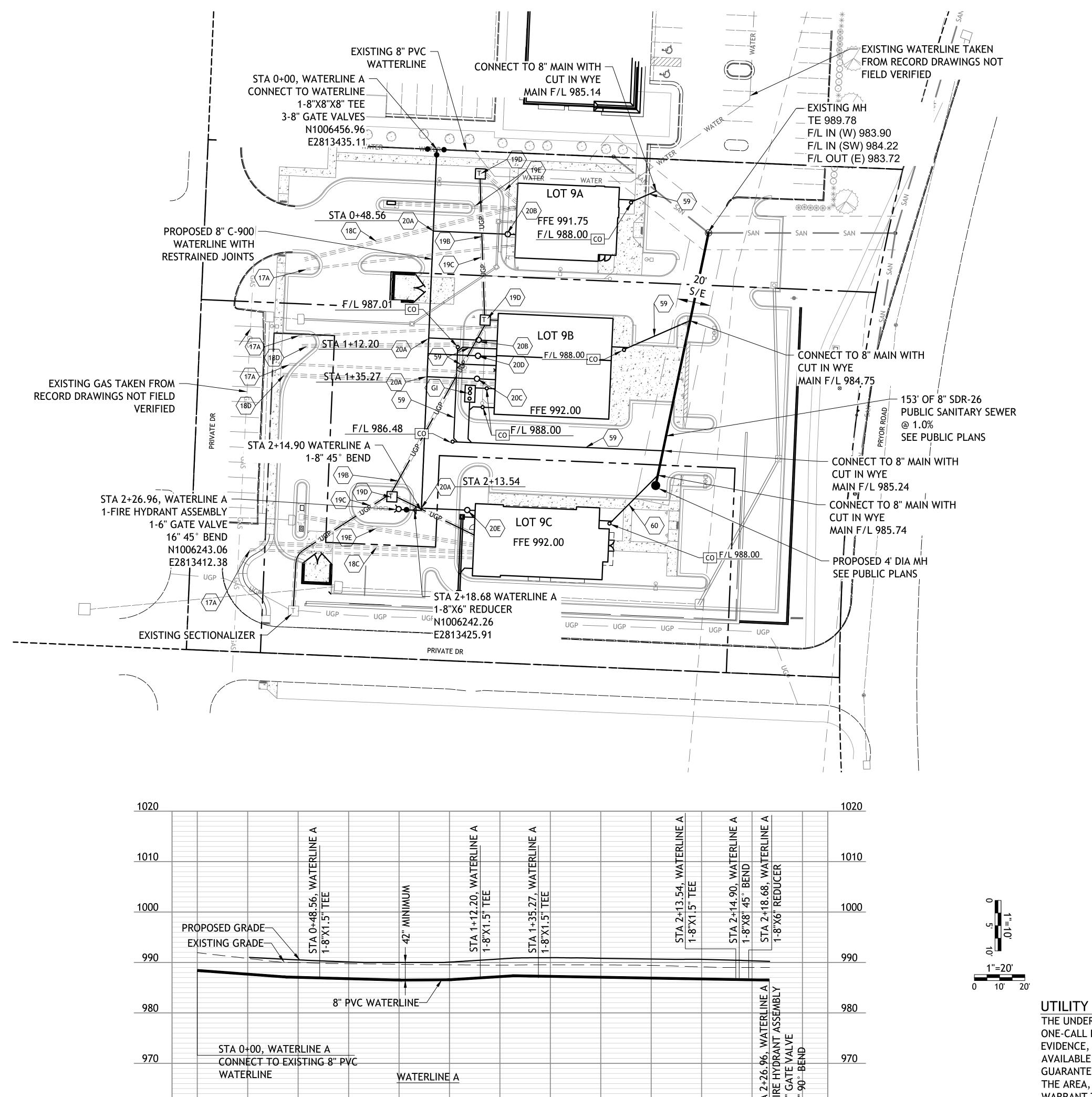
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE. SLOPED PAVING, EXIT PORCHES AND RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

- 2. THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.
- 3. ALL DIMENSIONS ARE PERPENDICULAR TO PROPERTY LINE.
- 4. ACTUAL SIGN LOCATIONS TO BE COORDINATED WITH CONSTRUCTION MANAGER.



1"=30' 0 15' 30'

sheet Civil SITE PLAN permit 8 FEBRUARY 2022



-0+100+00

0+20

0+40

0+80

1+00

1+20

1+40

1+60

1+80

2+00

2+20

0+60

UTILITY NOTES:

1. ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH SELECT GRANULAR MATERIAL PLACED ON EIGHT-INCH LIFTS, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

2. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. SM ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.

3. ALL WATER AND SANITARY SEWER SYSTEMS THAT ARE TO BE PUBLIC LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS PREVIOUSLY APPROVED BY THE CITY OF LEE'S SUMMIT AND THE STATE OF MISSOURI AND SHALL BE INSPECTED BY THE CITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THIS INSPECTION OCCURS.

- 4. LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.
- 5. CONTRACTOR TO INSTALL TRACING TAPE ALONG ALL NON-METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.
- 6. CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.
- 7. WATER LINES SHALL HAVE A MINIMUM COVER OF 42 INCHES. ALL VALVES ON MAINS AND FIRE HYDRANT LEADS SHALL BE WITH VALVE BOX ASSEMBLIES. THE SIZE OF VALVE BOX ASSEMBLY TO BE INSTALLED IS DETERMINED BY THE TYPE AND SIZE OF VALVE. VALVE BOX CAPS SHALL HAVE THE WORD "WATER".
- 8. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SANITARY SEWER LINES. WHEN IT IS NECESSARY FOR ANY WATER LINE TO CROSS A SANITARY SEWER LINE. THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE AT LEAST 10 FEET EITHER SIDE OF THE WATER LINE UNLESS THE WATER LINE IS AT LEAST 2 FEET CLEAR DISTANCE ABOVE THE SANITARY SEWER LINE.
- 9. INSTALL 2" TYPE "K" COPPER FROM THE MAIN TO THE METER AND EITHER TYPE "K" OR POLYETHYLENE PLASTIC TUBING (PE 3608) FROM METER TO STOP AND WASTE VALVE INSIDE BUILDING.
- 10. CONTRACTOR RESPONSIBLE FOR PROVIDING CASEMENT FOR ELECTRICAL SERVICE PER EVERGY

DETAILS

TRENCH AND BEDDING DETAILS 2-WAY CLEAN-OUT

WAT-12 DCD4 VAULT

WAT-11 WATER SERVICE CONNECTION

WAT-7 FIRE HYDRANT

CO CLEANOUT

NOTES

3" PVC SLEEVE FOR GAS SERVICE

GAS SERVICE BY GAS COMPANY

POINT OF CONNECTION - TELEPHONE SERVICE UNDERGROUND TELEPHONE PER TELEPHONE COMPANY

2-4" CONDUIT INSTALL BY CONTRACTOR - TELEPHONE SERVICE

4" CONDUIT INSTALLED BY CONTRACTOR - TELEPHONE SERVICE

POINT OF CONNECTION ELECTRICAL SERVICE

ELECTRICAL SERVICE - SEE NOTE 10

4" CONDUIT INSTALLED BY CONTRACTOR - ELECTRICAL SERVICE

TRANSFORMER PAD - PER EVERGY STANDARD DETAIL

19E 2-3" CONDUITS

POINT OF CONNECTION - WATER SERVICE

1" METER (1" TAP WITH 1" SERVICE LINE)

1.5" METER (1.5" TAP WITH 1.5" SERVICE LINE) $\frac{5}{8}$ " METER ($\frac{5}{8}$ " TAP WITH $\frac{5}{8}$ " SERVICE LINE)

1" METER (1" TAP WITH 1.5" SERVICE AFTER METER)

4" SANITARY SEWER SERVICE LINE-SDR-26 PVC

6" SANITARY SERVICE LINE SDR-26

GREASE INTERCEPTOR (1000 GAL)

UTILITY STATEMENT:

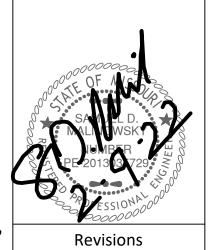
2+40 2+50

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.



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sheet

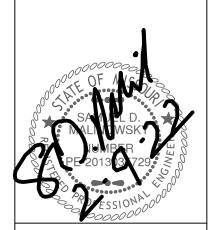
1"=30'

0 15' 30'

UTILITY PLAN & WATER LINE A PLAN AND PROFILE permit 8 FEBRUARY 2022



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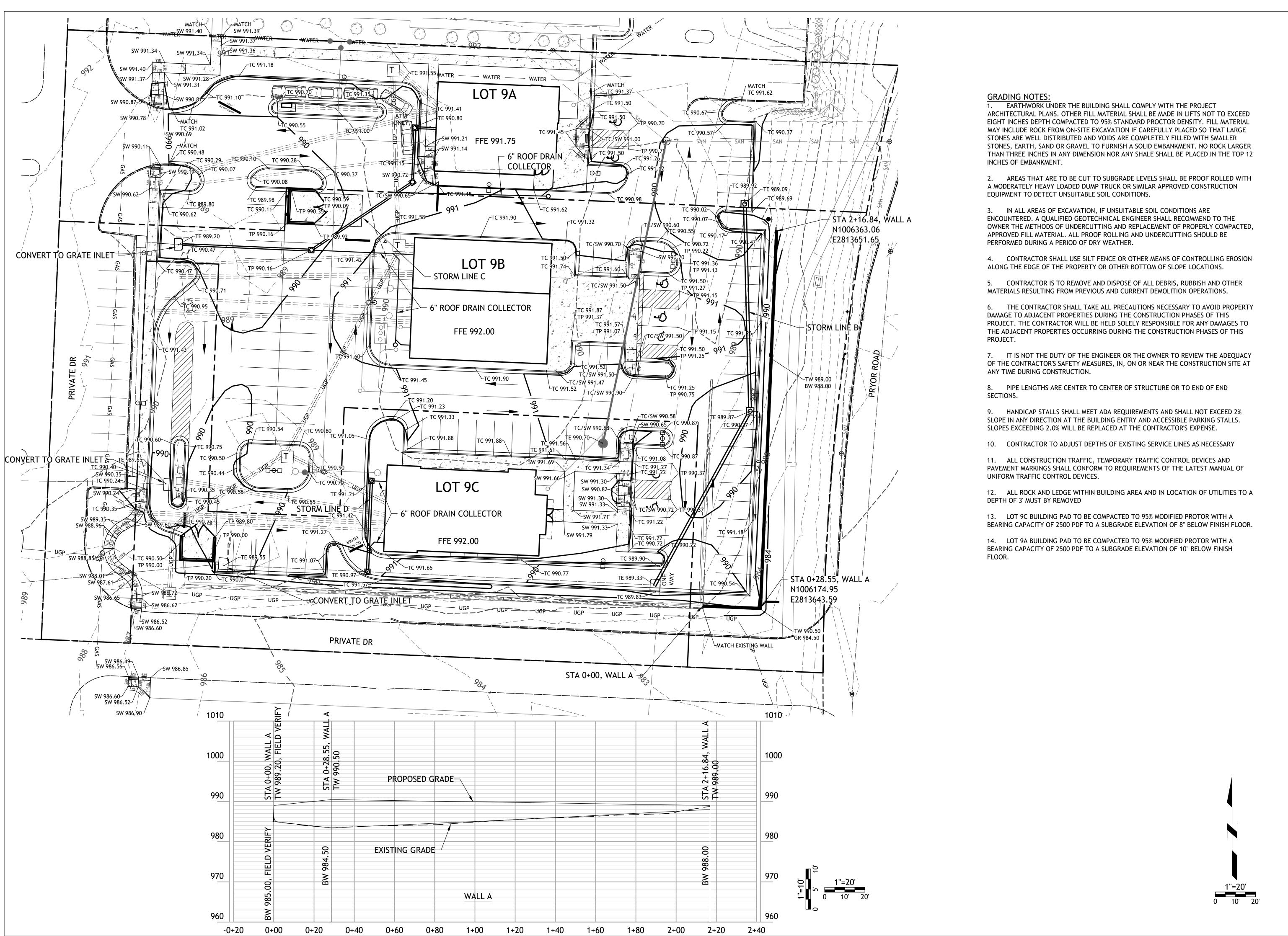
Revisions

WEST PRYOR

s h e e t

1"=30' 0 15' 30'

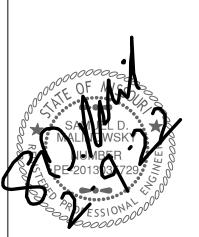
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SITE ELECTRICAL
PLAN
permit
8 FEBRUARY 2022



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TOMEST PRYOR

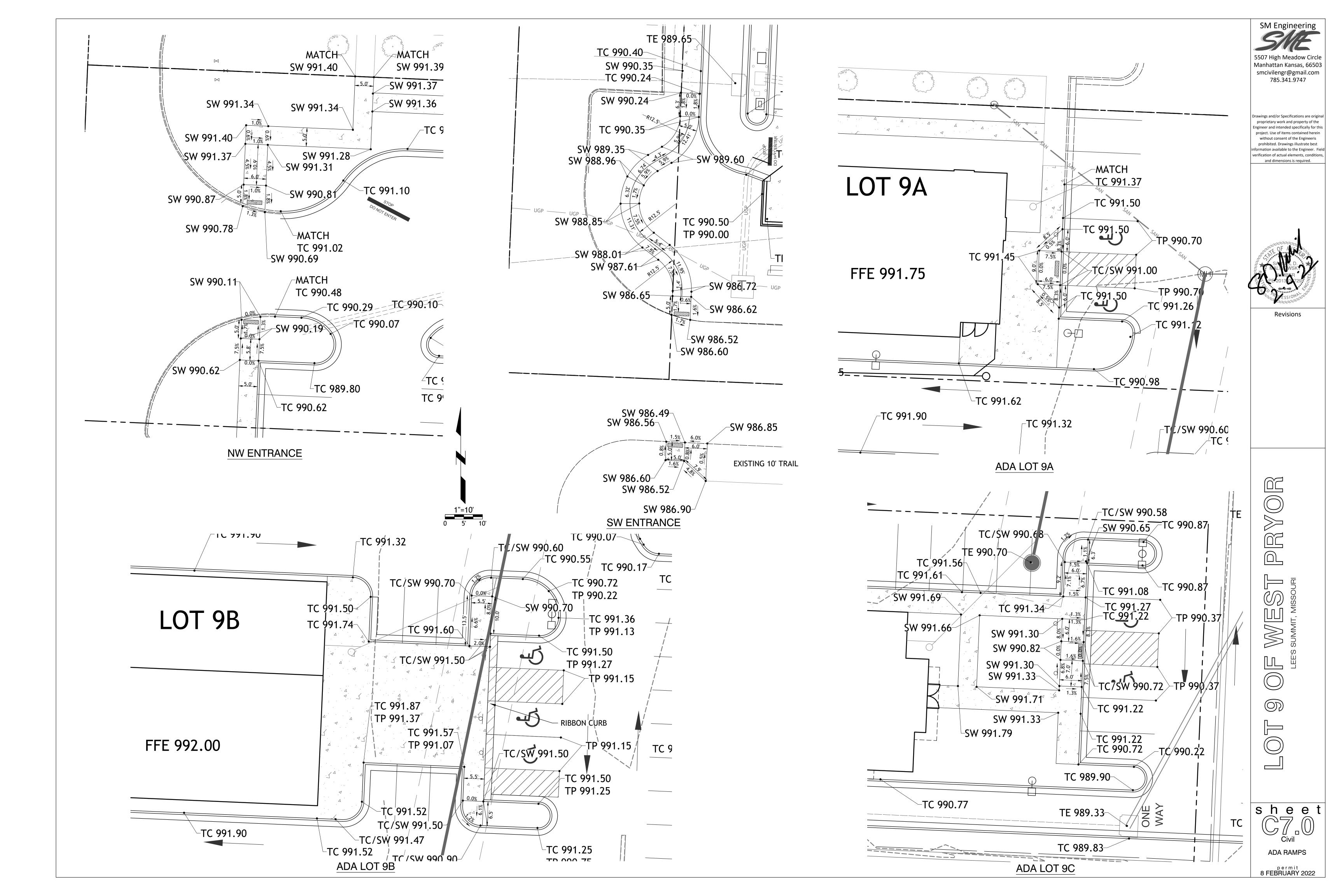
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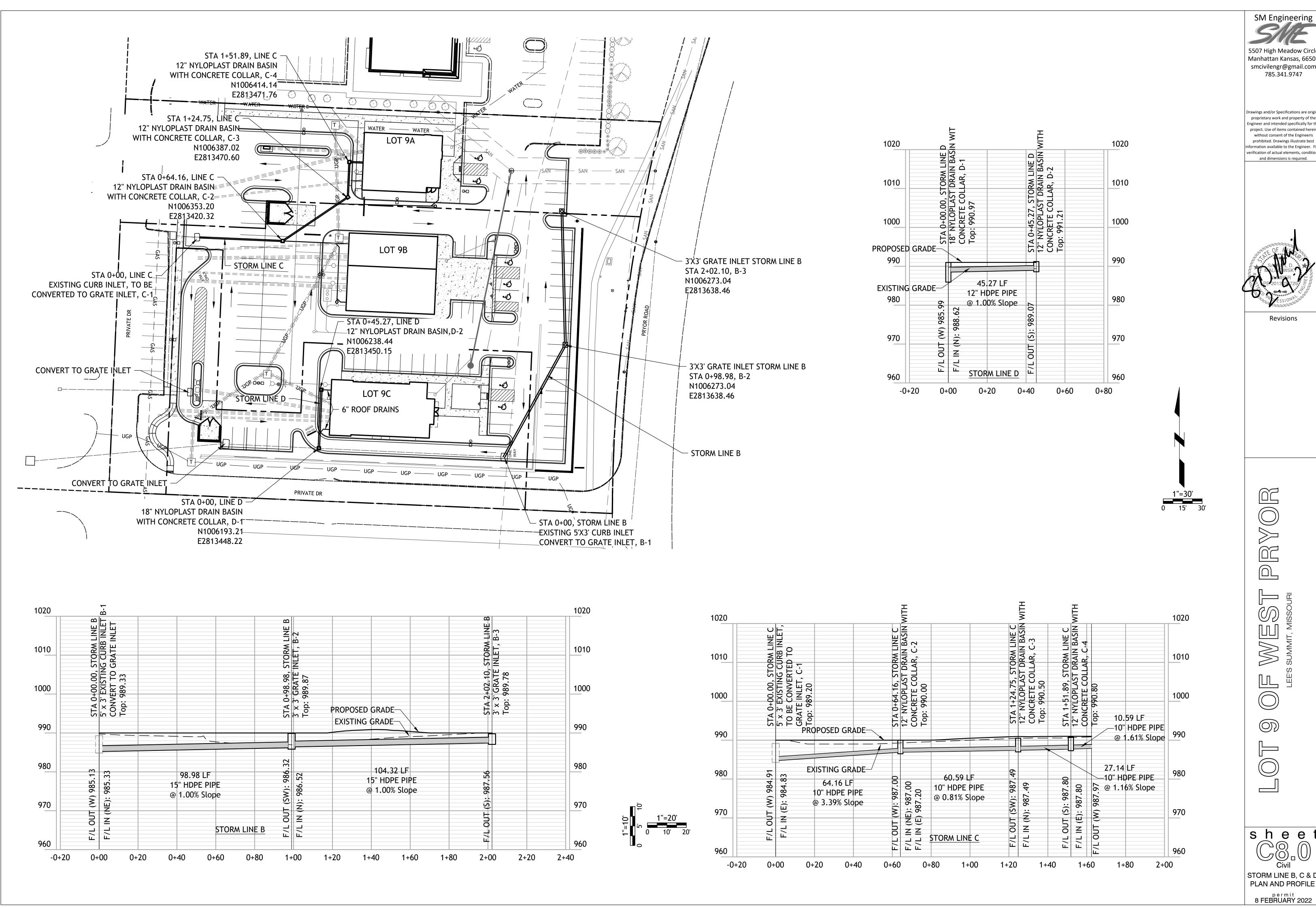
Civil

GRADING PLAN &

WALL A

PLAN & PROFILE permit 8 FEBRUARY 2022

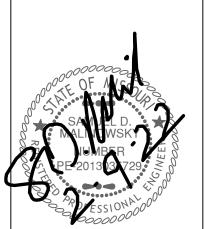




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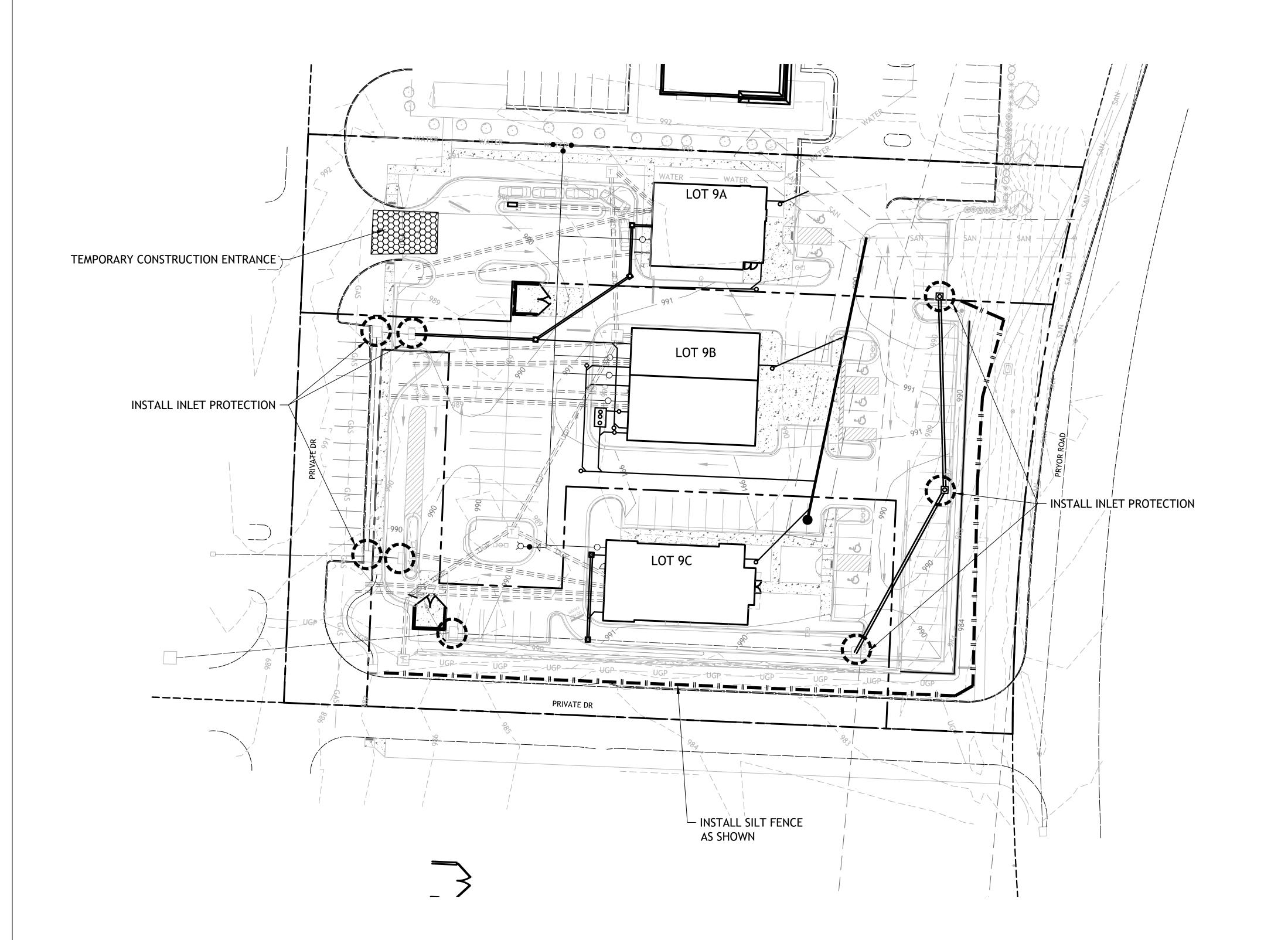
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Revisions

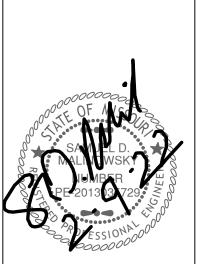
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STORM LINE B, C & D PLAN AND PROFILE



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Revisions

shee

PLAN permit 8 FEBRUARY 2022

1"=30' 0 15' 30' **EROSION CONTROL**

a) Identify the limits of constructjan on the ground with easily recognizable indications such as construction staking, construction fencing and placement of physical barriers or other means acceptable to the City inspector and in conformance with the erosion and pollution control plan; b) Construct a stabilized entrance/parking/staging area; c) Install perimeter controls and protect any existing stormwater inlets; d) Request an initial inspection of the installed Phase I pollution control measures designated on the approved erosion and pollution control plan. Land disturbance work shall not proceed until there is a passed inspection 2. The site shall comply with all requirements of the MoDNR general requirements a) Immediate initiation of temporary stabilization BMPs on disturbed areas where construction activities have temporarily ceased on that portion of the project site if construction activities will not resume for a period exceeding 14 calendar days. Temporary stabilization may include establishment of vegetation, geotextiles, mulches or other techniques to reduce or eliminate erosion until either final stabilization con be achieved or until further construction activities take place to re-disturb the area. This stabilization must be completed within 14 calendar days; b) Inspection of erosion and sediment control measures shall be performed to meet or exceed the minimum inspection frequency in the MoDNR General Permit. At a minimum, inspections shall be performed during all phases of construction at least once every 14 days and within 24 hours of each precipitation c) An inspection log shall be maintained and shall be available for review by the regulatory authority; d) The erosion and pollution control plan shall be routinely updated to show all modifications and amendments to the original plan. A copy of the erosion and pollution control plan shall be kept on site and made available for review by the regulatory authority. 3. Temporary seeding shall only be used for periods not to exceed 12 months. For final stabilization. temporary seeding shall only be used to establish vegetation outside the permanent seeding or sodding dates as specified in the Standard Specifications. Final stabilization requires a uniform perennial vegetative cover with a density of 70% over 100% of disturbed 4. Erosion and pollution control shall be provided for the duration of a project. All installed erosion and pollution control BMPs shall be maintained in a manner that preserves their effectiveness. If the City determines that the BMPs in place do not provide adequate erosion and pollution control at any time during the project, additional or alternate measures that provide effective control shall be required. 5. Concrete wash or rinse water from concrete mixing equipment. Tools and/or ready-mix trucks. etc. may not be discharged into or be allowed to run to any existing water body or portion of the storm water system. One or more locations for concrete washout will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place. Proper signage will be installed to direct users to the concrete washout. Concrete washouts must be handled prior to pouring any concrete. 6. Silt fences and sediment control BMPs which are shown along the back of curb must be installed within two weeks of curb backfill and prior to placement of base asphalt. Exact locations of these erosion control methods may be field adjusted to minimize conflicts with utility construction.

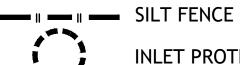
However, anticipated disturbance by utility construction shall not delay installation. 7. Required sediment basins and traps shall be installed as early as possible during mass grading. Sediment basins and traps shall be cleaned out when the sediment capacity has been reduced by 20% of its original design volume. 8. All manufactured BMPs such as erosion control blankets,

1. Prior to Land Disturbance activities, the following shall occur:

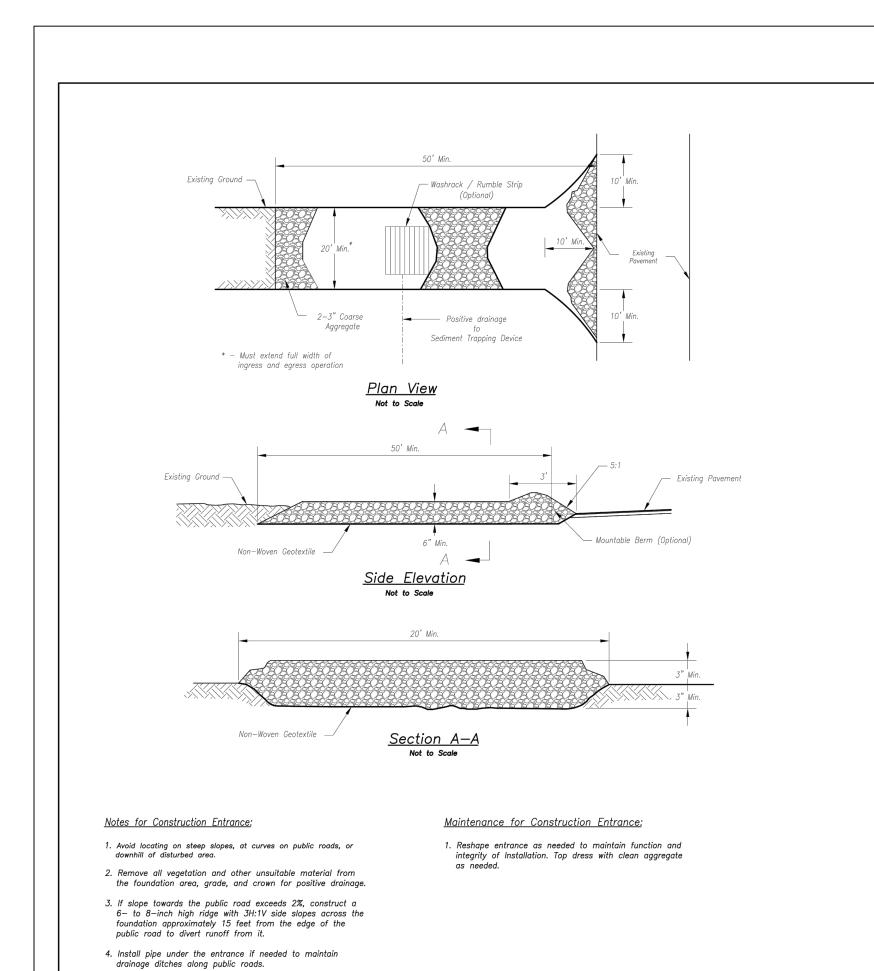
TRMs, biodegradable logs, filter socks, synthetic sediment barriers and hydraulic erasion control shall be installed as directed by the manufacturer. 9. The above requirements are the responsibility of the

permittee for the site. Responsibility may be transferred to another party by the permittee, but the permittee shall remain liable by the City of Lee's Summit if any of the above conditions are not met.

LEGEND



TEMPORARY CONSTRUCTION ENTRANCE



CONSTRUCTION ENTRANCE

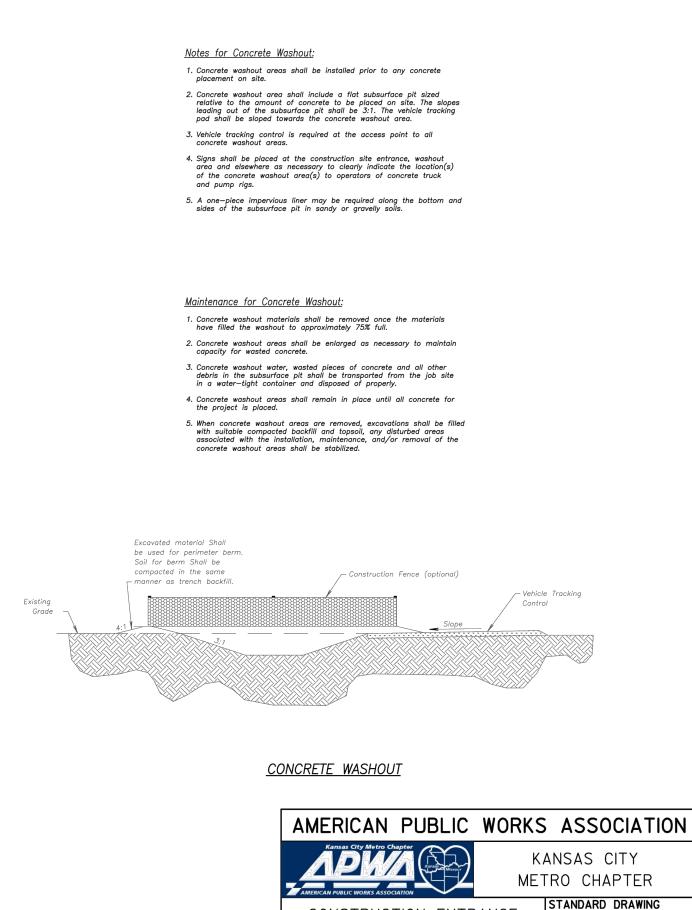
5. Place stone to dimensions and grade as shown on plans.

6. Divert all surface runoff and drainage from the entrance to

Leave surface sloped for drainage.

If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

a sediment control device.



CONSTRUCTION ENTRANCE

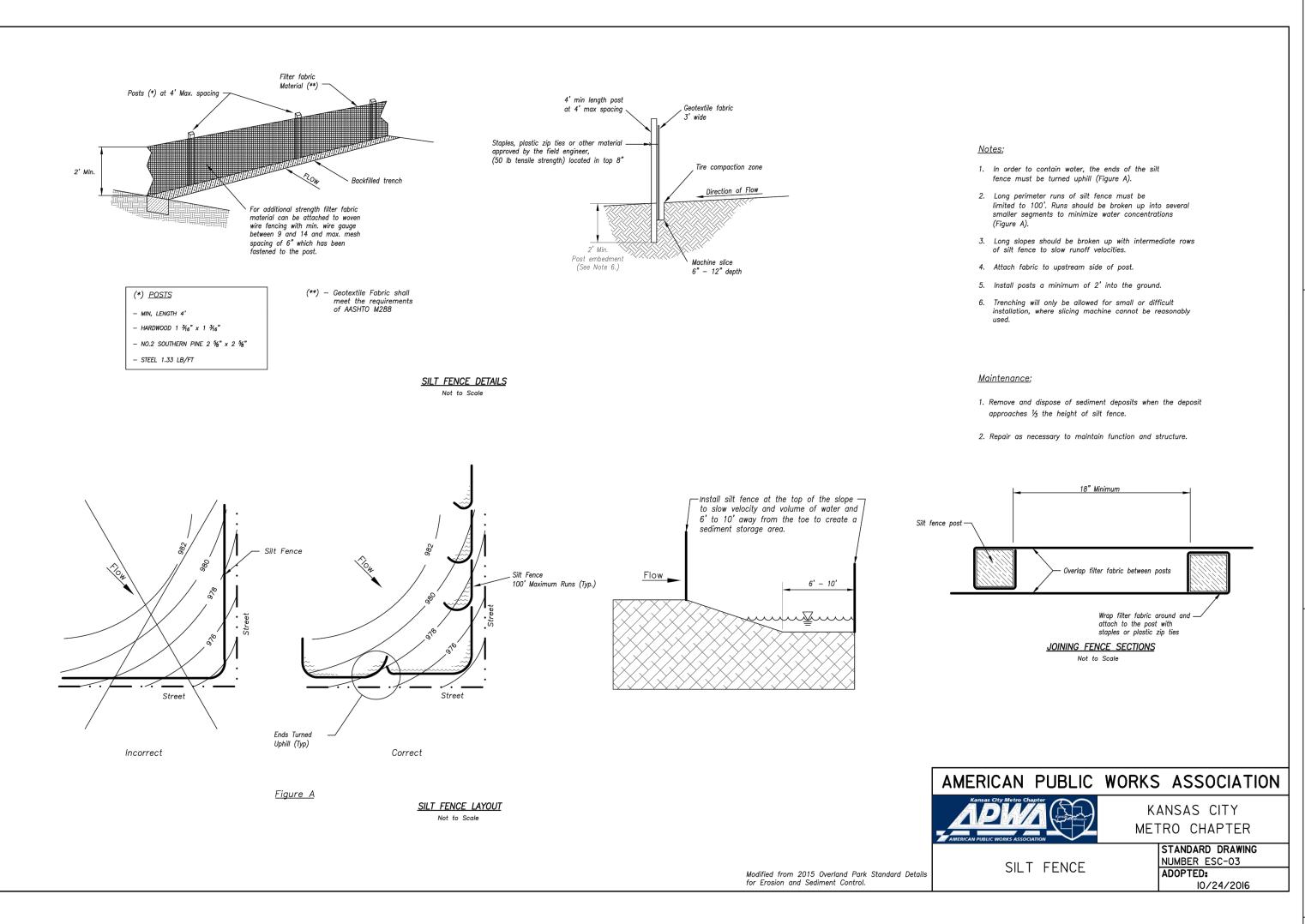
AND CONCRETE WASHOUT

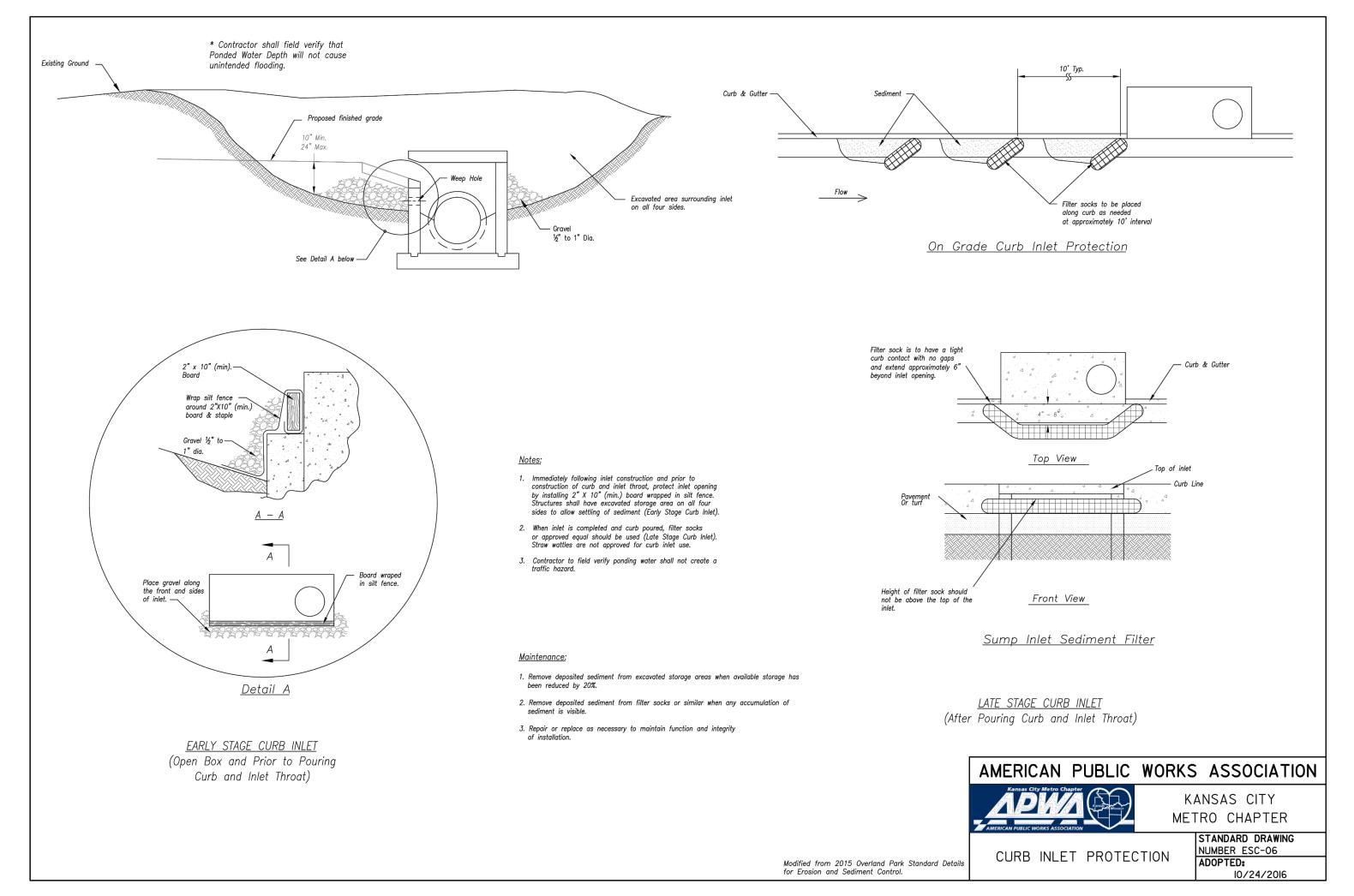
Construction Entrance modified from 2015 Overland Park Standard Details

for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings. NUMBER ESC-OI

10/24/2016

ADOPTED:

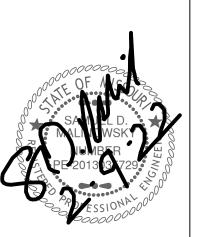






SM Engineering

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Revisions

LOT9 OF WEST PRYOR

sheet

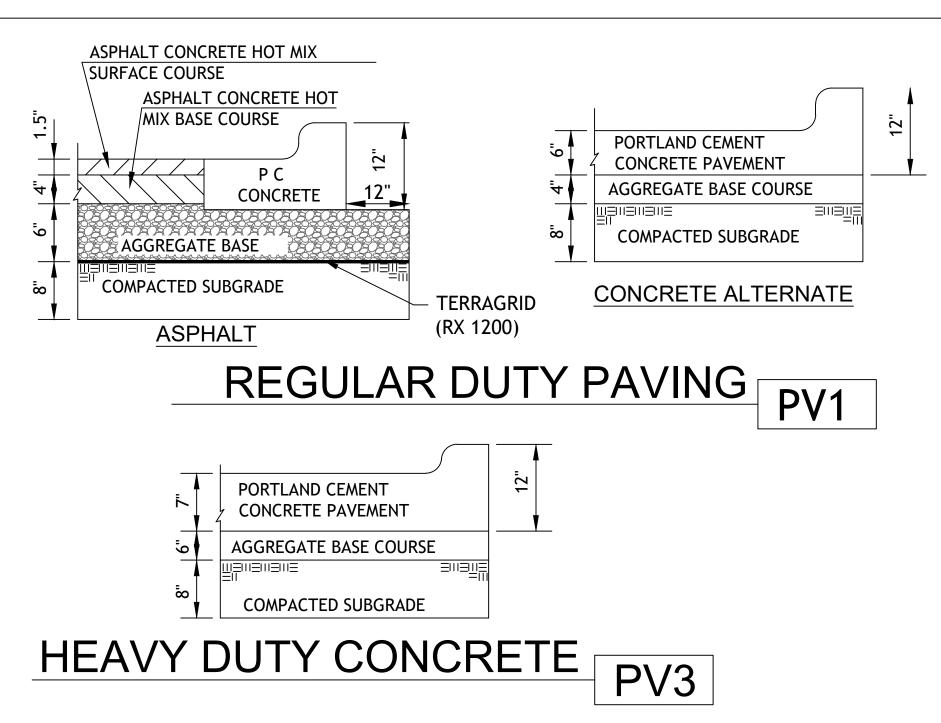
Civil

EROSION CONTOL

DETAILS

permit

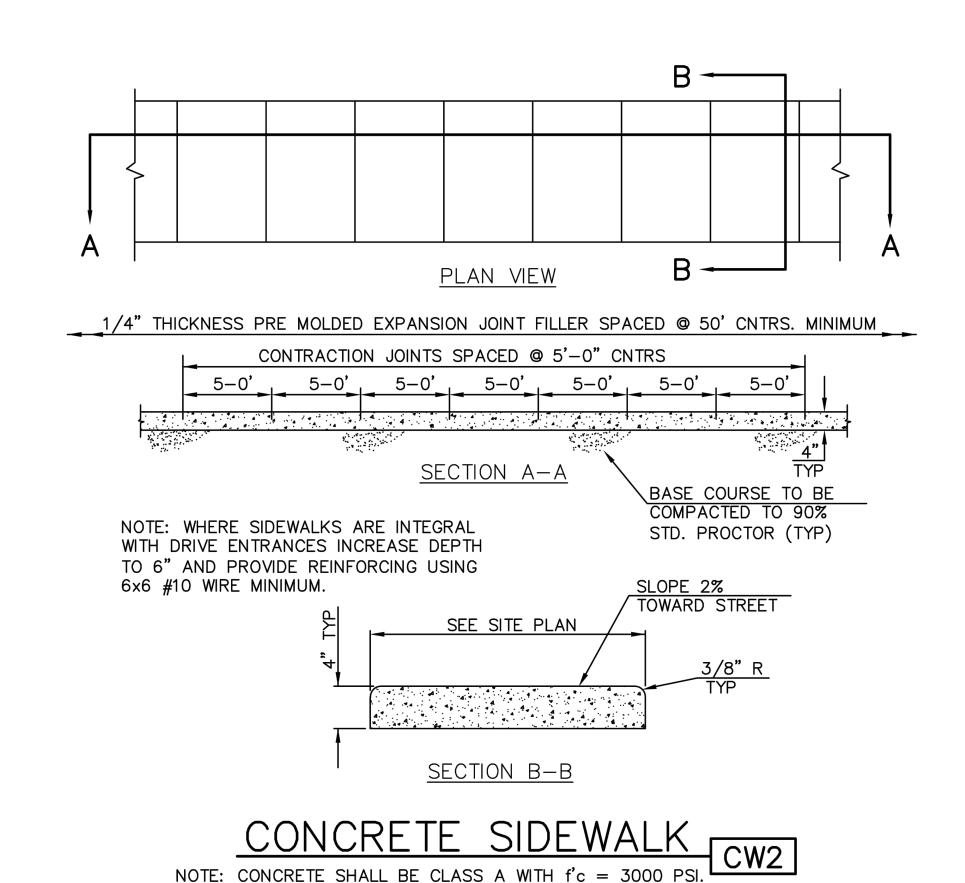
8 FEBRUARY 2022

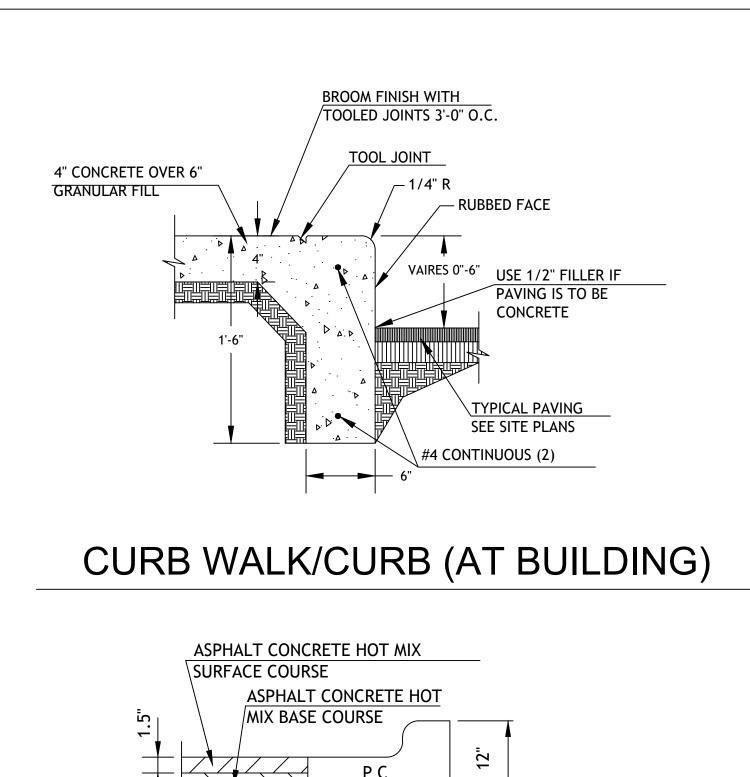


1. FLEXIBLE PAVEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

ASPHALT SURFACE COURSE - APWA TYPE 3-01 ASPHALT BASE COURSE - APWA TYPE 2-01 AGGREGATE BASE MODOT TYPE 5 OR EQUIVALENT

2. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH 6% ENTRAINED AIR ±2% AND SHALL MEET OR EXCEED THE SPECIFICATIONS SET FORTH IN THE LATEST EDITION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.





CONCRETE

TENSAR TRIAX

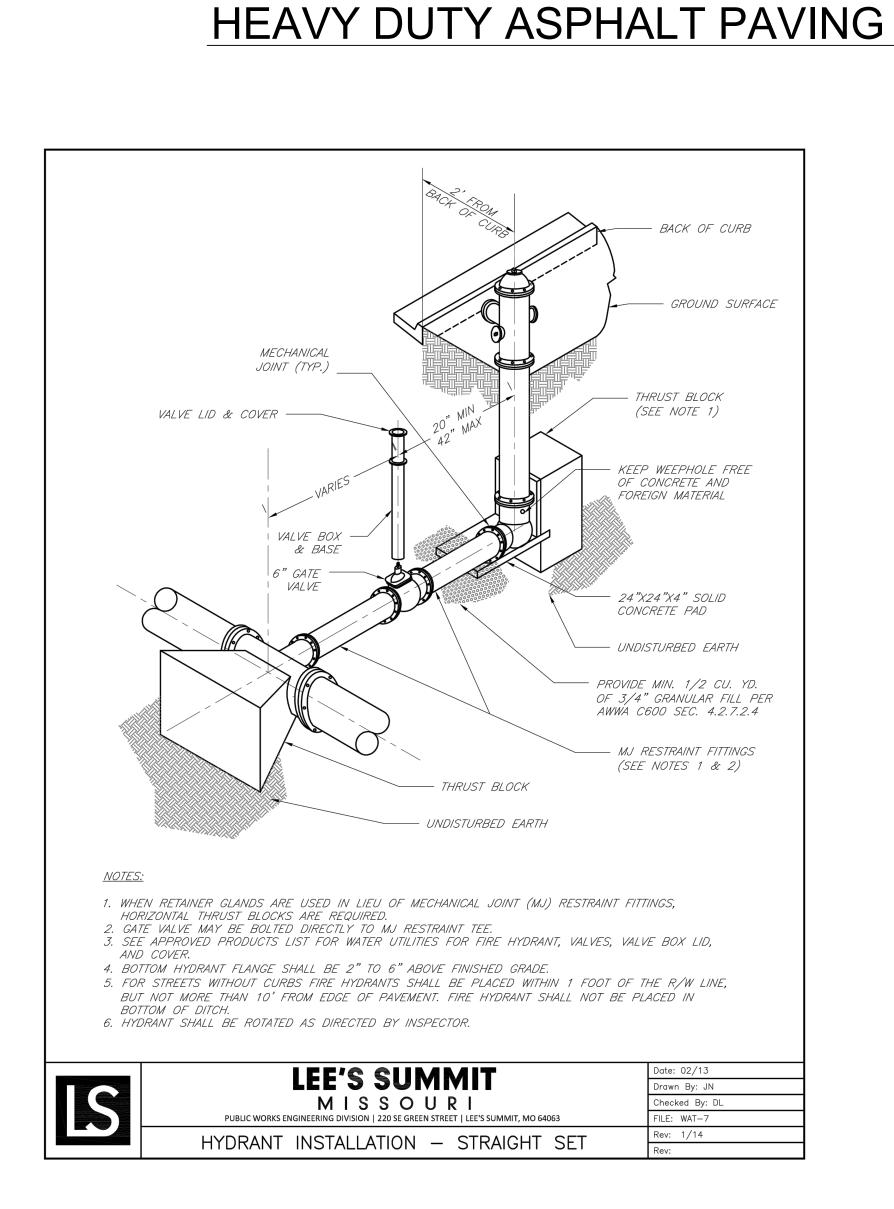
TX-5 GEOGRID

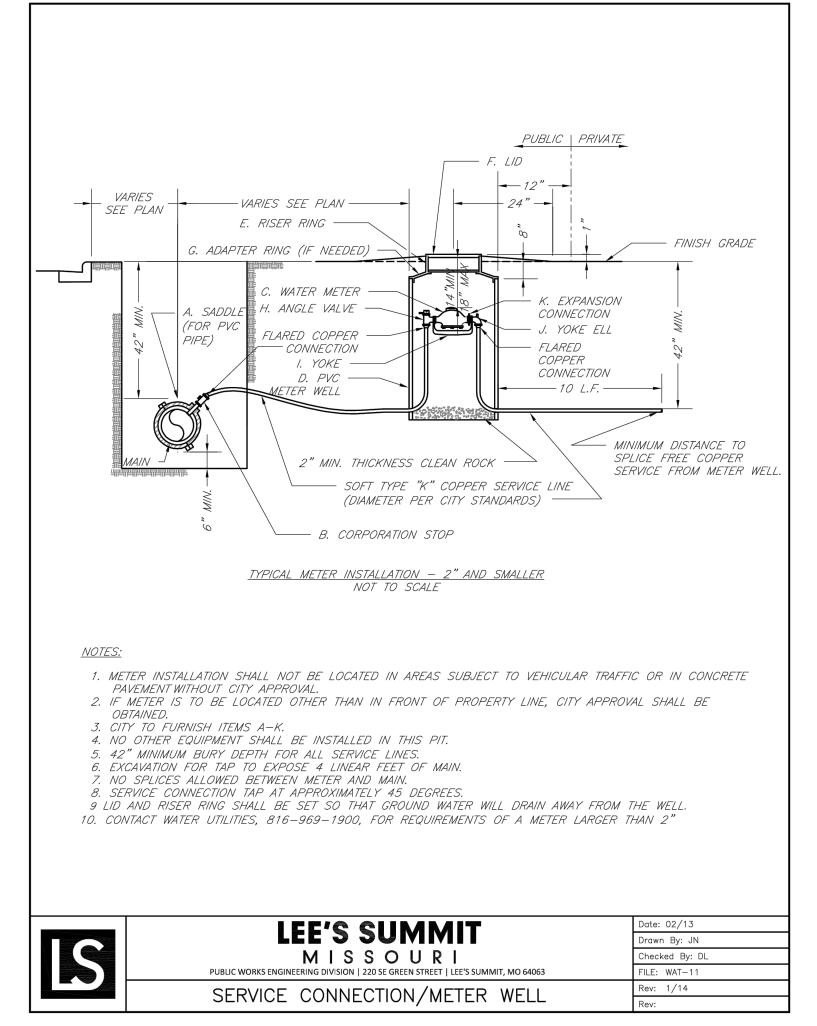
SAGGREGATE BASE

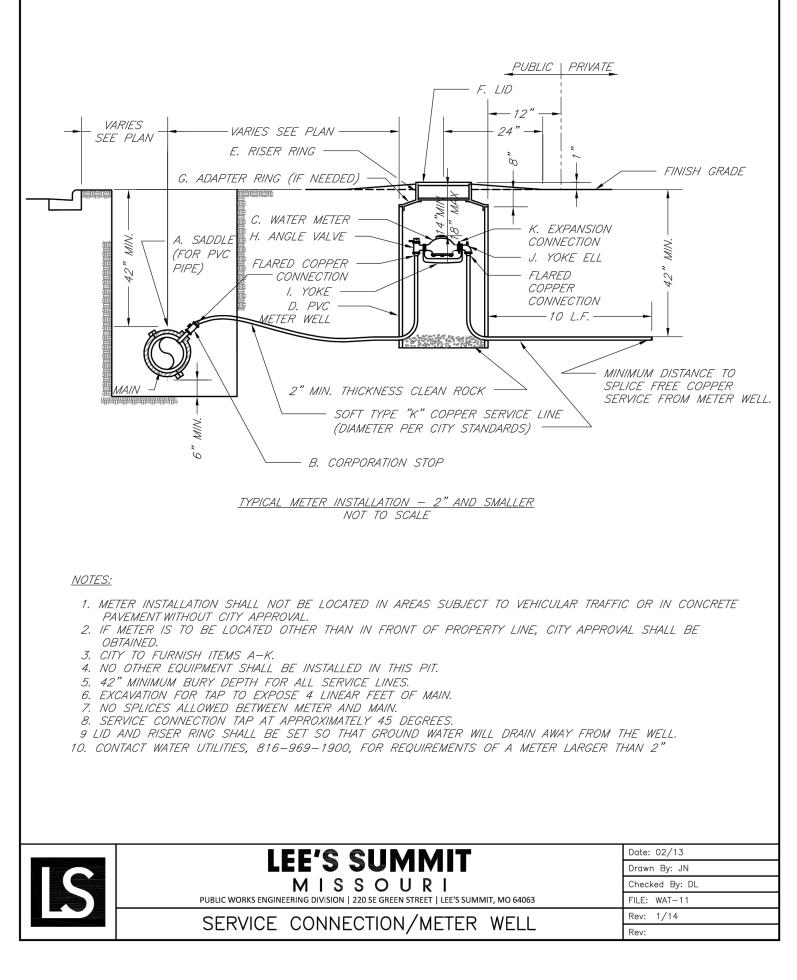
COMPACTED SUBGRADE

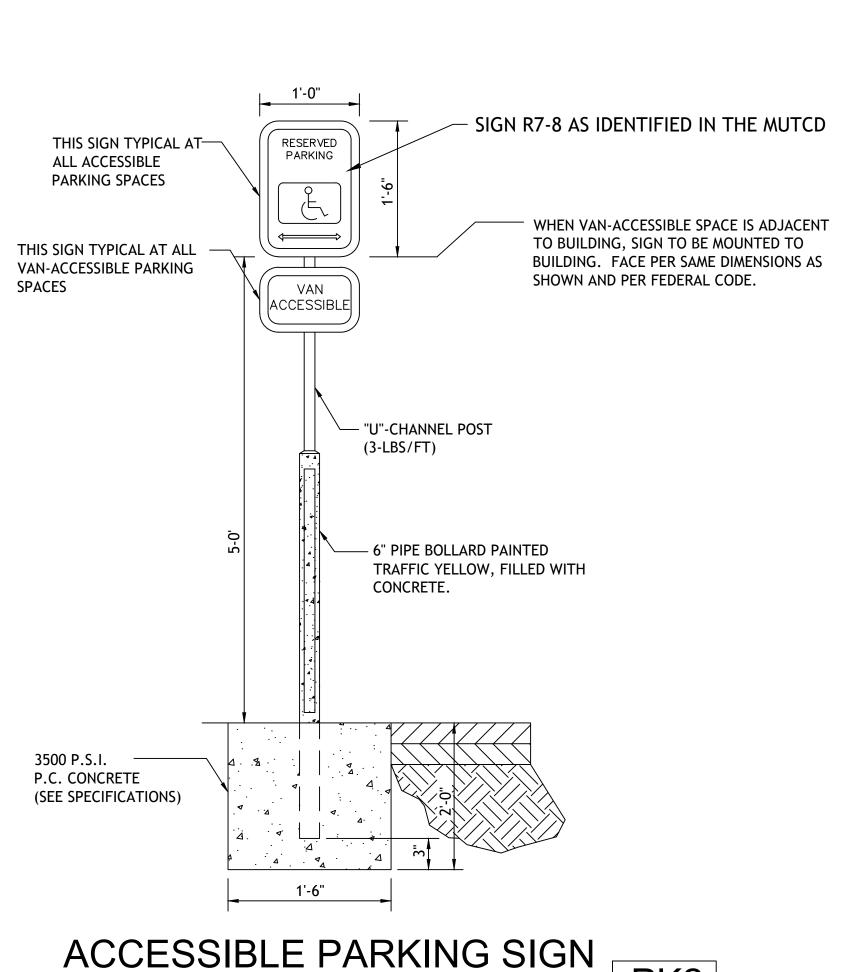
ASPHALT

CW1

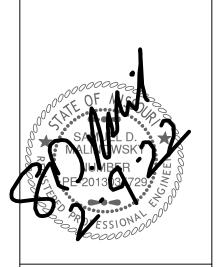










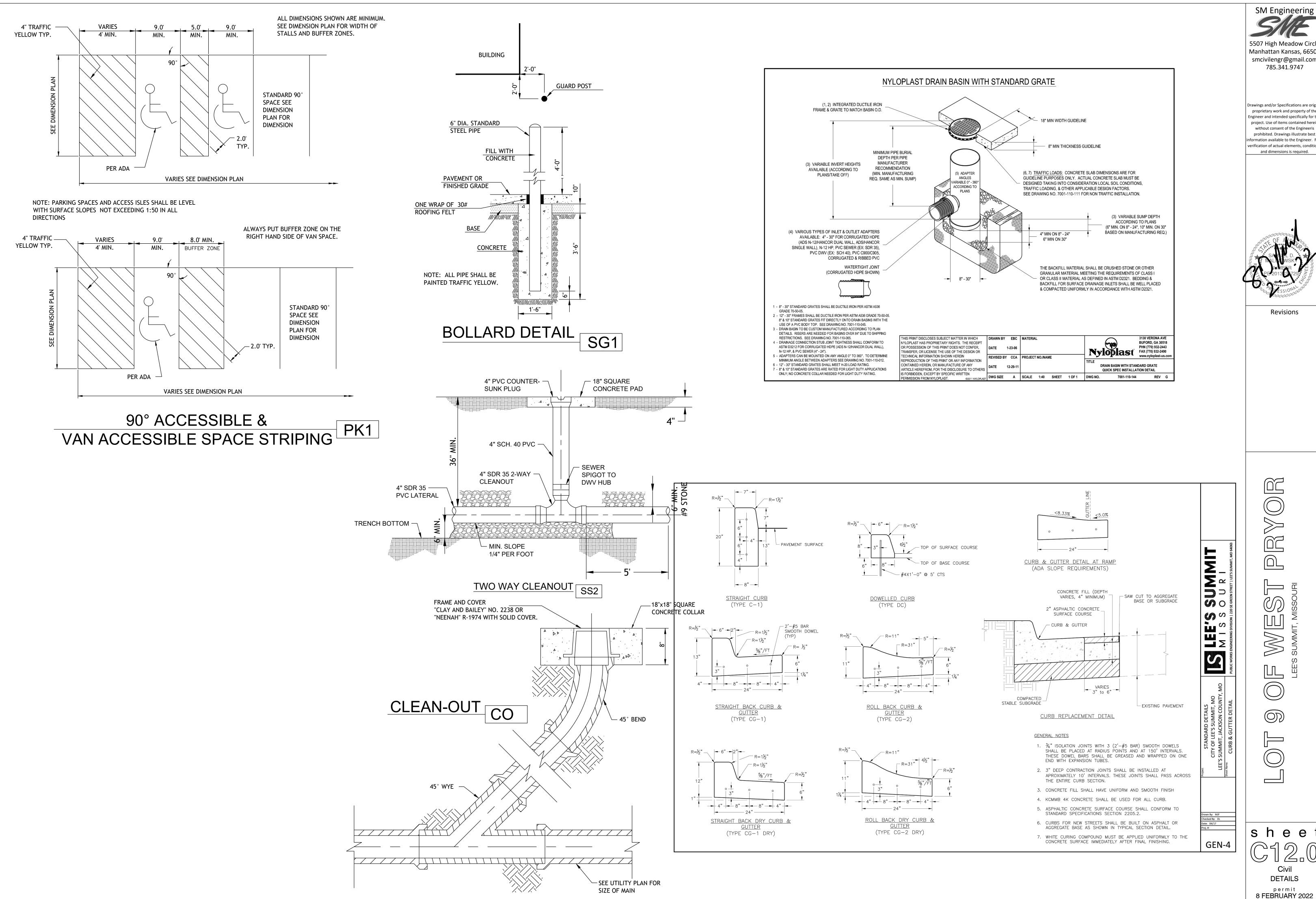


and dimensions is required.

Revisions

shee **DETAILS** permit

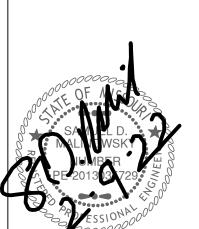
8 FEBRUARY 2022



Manhattan Kansas, 66503

smcivilengr@gmail.com 785.341.9747

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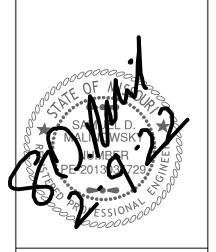
Revisions

shee **DETAILS**

permit

5507 High Meadow Circle Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747

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Revisions

IOAUA ISEM IO 6

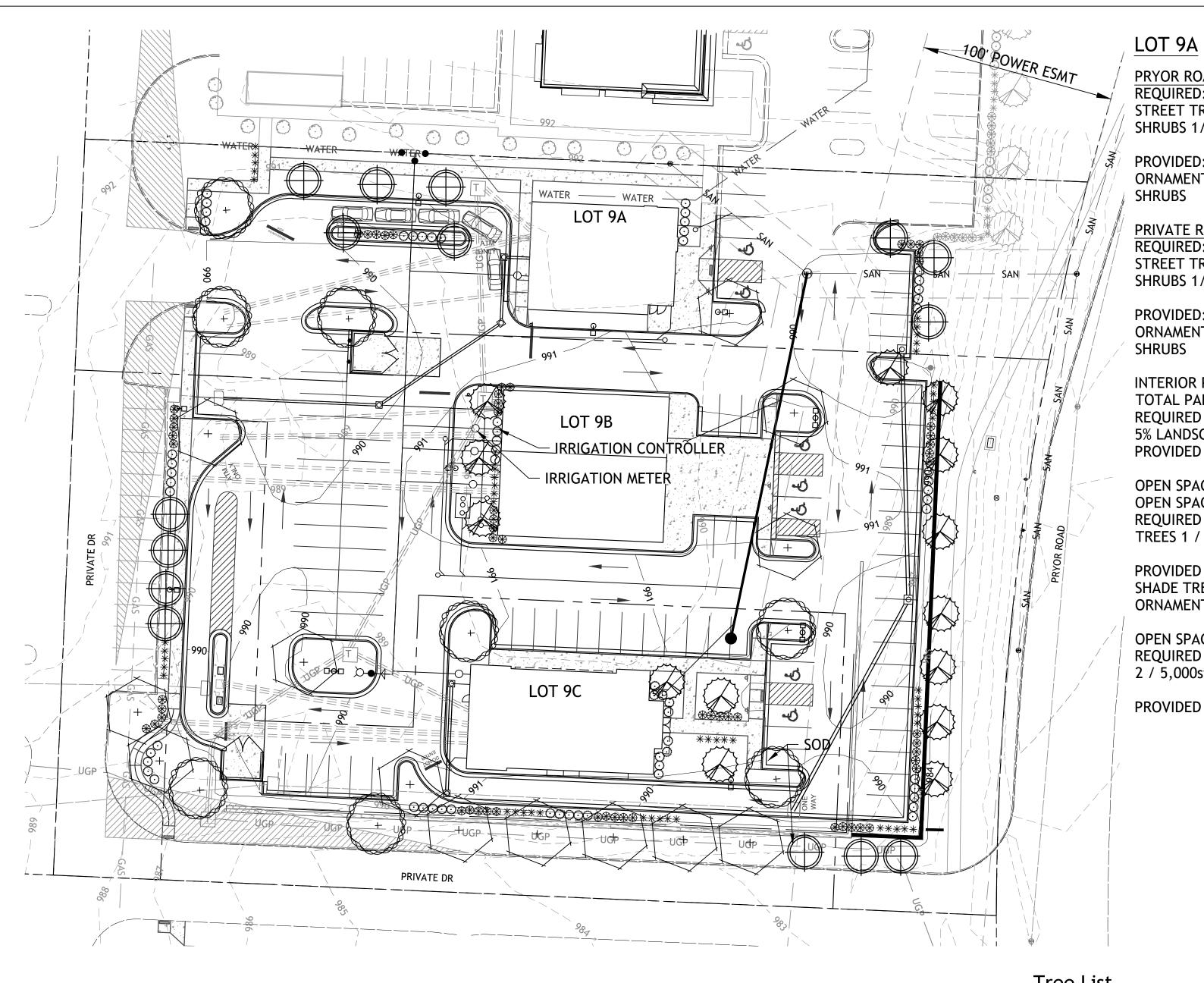
sheet

Civil

DETAILS

permit

8 FEBRUARY 2022



LOT 9A			LOT 9B			LOT 9C PRIVATE ROAD SOUTH		277'
			PRYOR ROAD 230'				_	2//
PRYOR ROAD 75'			REQUIRED:			REQUIRED:		0
REQUIRED:			STREET TREES 1/30'	=	8	STREET TREES 1/30'	=	9
STREET TREES 1/30'	=	3	SHRUBS 1/20'	=	23	SHRUBS 1/20'	=	28
SHRUBS 1/20'	=	4				DD 01//D ED		
			PROVIDED:			PROVIDED:		_
PROVIDED:			ORNAMENTALS	=	3	•	=	8
ORNAMENTALS	=	3	SHRUBS	=	30	ORNAMENTALS	=	1
SHRUBS	=	15				SHRUBS	=	30
3111003	_	13	PRIVATE ROAD SOUTH		67'			
PRIVATE ROAD WEST	95'		REQUIRED:	_	0,	INTERIOR PARKING		
REQUIRED:	73		STREET TREES 1/30'	=	2	TOTAL PARKING SURFACE	_ =	20,324
STREET TREES 1/30'		2	SHRUBS 1/20'	=	7	REQUIRED		•
		3	3111003 1720	_	1	FOUL AND COADE ADEA	=	1,016
SHRUBS 1/20'	=	5	DDOVIDED.			PROVIDED	=	1,601
DDO//IDED			PROVIDED:		2			.,
PROVIDED:			ORNAMENTALS	=	2	OPEN SPACE TREES		
ORNAMENTALS	=	11	SHRUBS	=	10	OPEN SPACE	20	425sf
SHRUBS	=	10				REQUIRED	۷,۰	72331
			PRIVATE ROAD WEST	208	•	-		6
INTERIOR PARKING			REQUIRED:			TREES 1 / 5,000sf	=	O
TOTAL PARKING SURFACE	Ξ=	10,497 sf	STREET TREES 1/30'	=	7	DDO//IDED		
REQUIRED			SHRUBS 1/20'	=	21	PROVIDED		2
5% LANDSCAPE AREA	=	525 sf				SHADE TREES	=	3
PROVIDED	=	871sf	PROVIDED:			ORNAMENTALS	=	3
			SHADE TREES	=	3			
OPEN SPACE TREES			ORNAMENTALS	=	4	OPEN SPACE SHRUBS		
OPEN SPACE	29	649sf	SHRUBS	=	25	REQUIRED		
REQUIRED	L 7 ,	0-1731				2 / 5,000sf	=	12
TREES 1 / 5,000sf	=	6	INTERIOR PARKING					
IRLLS 1 / J,000SI	_	O	TOTAL PARKING SURFACE		36,380 sf	PROVIDED	=	20
DDO//IDED			REQUIRED	-	30,300 31			
PROVIDED		4	-		1 010 cf			
SHADE TREES	=	4	5% LANDSCAPE AREA	=	1,819 sf			
ORNAMENTALS	=	2	PROVIDED	=	2,602 sf			
			ODEN CDACE TREEC					
OPEN SPACE SHRUBS			OPEN SPACE TREES	F 2 4	045.6			
REQUIRED			OPEN SPACE	50,8	865sf			
2 / 5,000sf	=	12	REQUIRED		4.0			
			TREES 1 / 5,000sf	=	10			
		4 -						

LANDSCAPE NOTES CONTRACTOR REQUIRED TO LOCATE ALL UTILITIES BEFORE INSTALLATION TO BEGIN.

Contractor shall verify all landscape material quantities and shall report any discrepancies to the Landscape Architect prior to installation.

SM Engineering

5507 High Meadow Circle Manhattan Kansas, 66503

smcivilengr@gmail.com

785.341.9747

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prohibited. Drawings illustrate best

and dimensions is required.

Revisions

ification of actual elements, conditions,

No plant material substitutions are allowed without Landscape Architect or Owners approval.

Contractor shall guarantee all landscape work and plant material for a period of one year from date o acceptance of the work by the Owner. Any plant material which dies during the one year guarantee period shall be replaced by the contractor during normal planting seasons.

Contractor shall be responsible for maintenance of the plants until completion of the job and acceptance by the Owner.

Successful landscape contractor shall be responsible for design that complies with minimum irrigation requirements, and installation of an irrigation system. Irrigation system to be approved by the owner before starting any installation.

All plant material shall be specimen quality stock as determined in the "American Standards For Nursery Stock" published by The American Association of Nurseryman, free of plant diseases and pest, of typical growth of the species and having a healthy, normal root system.

Sizes indicated on the plant list are the minimum, acceptable size. In no case will sizes less than specified be accepted.

All shrub beds within lawn areas to receive a manicured edge.

All shrub beds shall be mulched with 6" of shredded Chocolate mulch.

All sod areas to be fertilized & sodded with a Turf-Type-Tall Fescue seed blend.

All seed areas shall be hydro-seeded with a Turf-Type-Tall Fescue seed blend.

MOWING NOTE

Contractor shall be responsible for the first 2 mowing's of all areas of grass

Tree List

Symbol

Quantity

1/2 Existing soil,

Fold back burlap from Top 1/3 of root ball

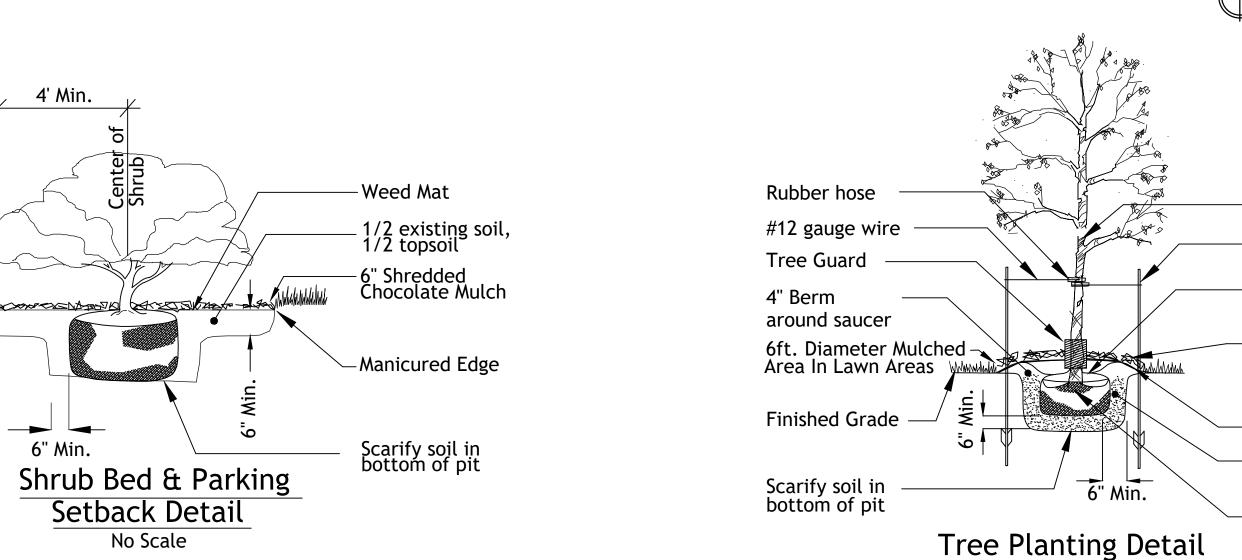
1/2 topsoil

No Scale

Common Name

October Glory Maple

Shrub List Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
<u> </u>	- 65	Seagreen Juniper	Juniperus Chinensis 'Seagreen'	18"-24"sp.	Cont.	4'o.c.
₩ -	- 60	Dwarf Winged Euonymus	Euonymus Alatus 'Compactus'	18"-24"sp.	Cont.	4'o.c.
* -	- 50	Morning Light Maiden Grass	Miscanthos Sinensis 'Morning Light'	18"-24"sp.	Cont.	4'o.c.



Skyline Honeylocust Gleditsia Triacanthos 'Skyline' 3" cal BB 3"cal Golden Raintree Koelreuteria Paniculata Malus Sp. 'Priariefire' 3"cal Prairiefire Crabapple Treated crepe tree wrap Steel fence posts 150' 3 per tree SIGHT TRIANGLE Plant w/top of ball flush w/finished grade Typical Utility Box Screening Details 6" Shredded Chocolate Mulch No Scale mulch over 2" deep well-rotted manure Weed Mat

= 15

PROVIDED

REQUIRED

2 / 5,000sf

PROVIDED

Botanical Name

Acer Rubrum 'October Glory'

Free Standing

Transformer

SHADE TREES

ORNAMENTALS

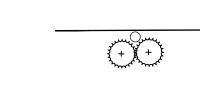
OPEN SPACE SHRUBS

= 20

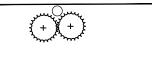
= 20

Size

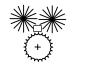
3" cal



Against Wall







Condition Spacing

As Shown

As Shown

As Shown

As Shown

BB

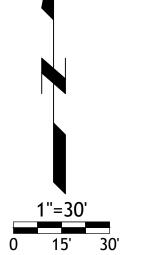


Small Box



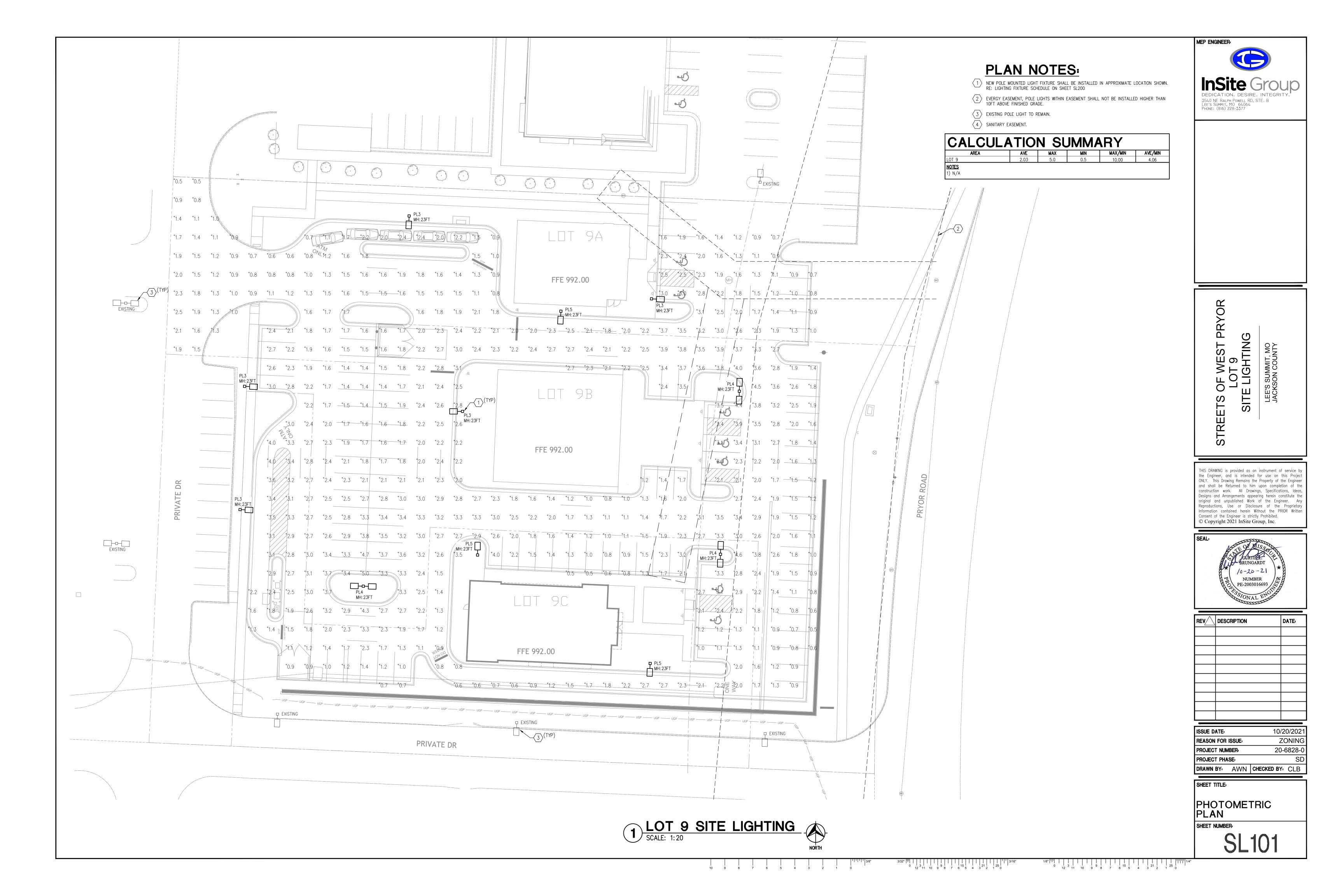
Clustered Boxes

UTILITY BOXES SHALL BE CLUSTERED AS MUCH AS POSSIBLE

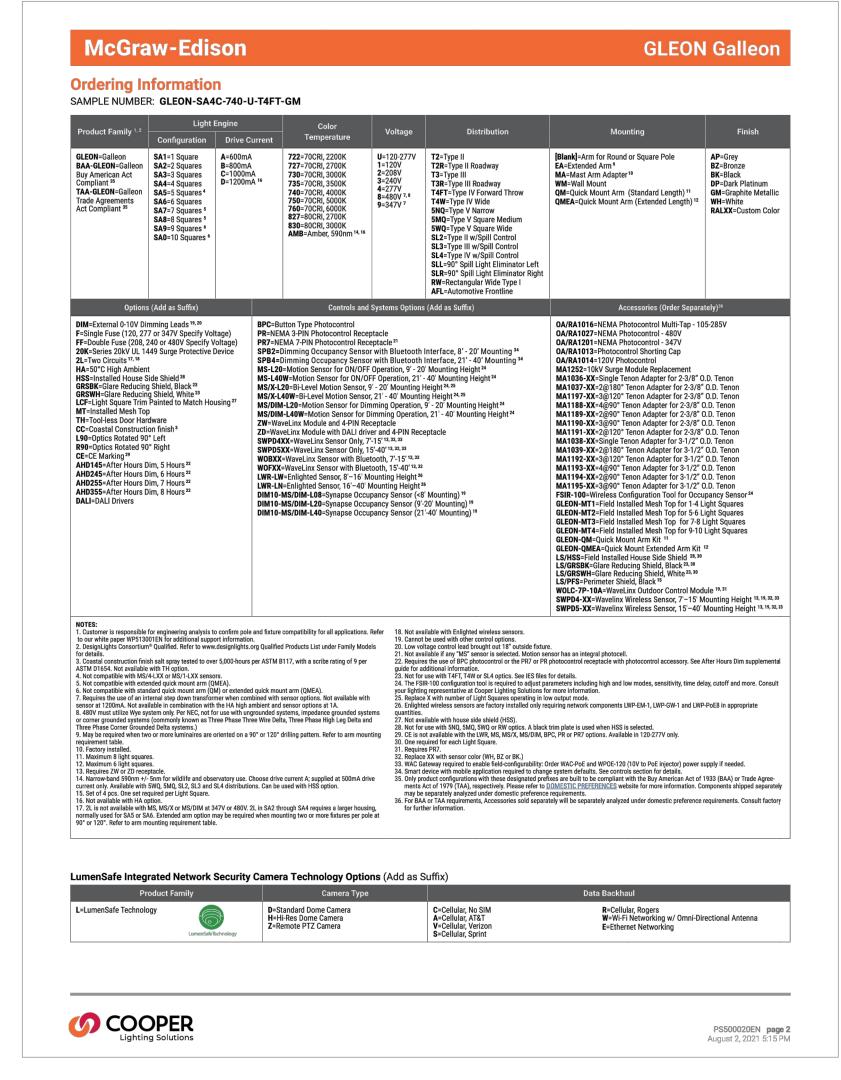


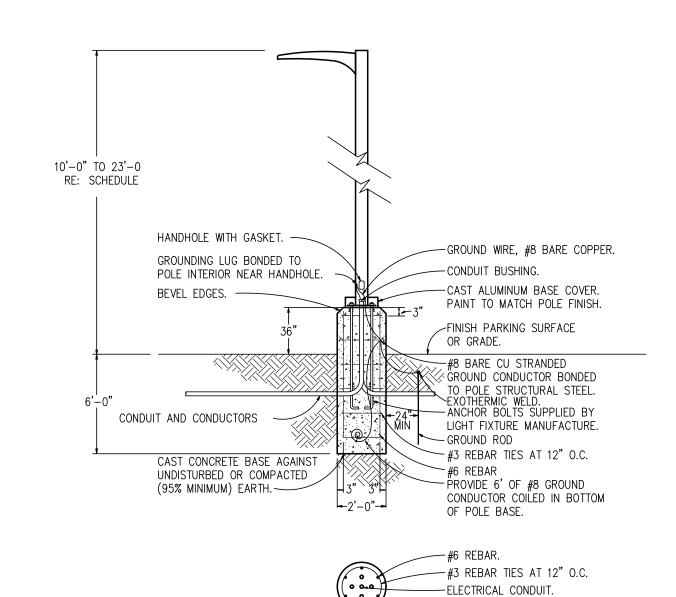
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LANDSCAPE PLAN permit 8 FEBRUARY 2022











-ANCHOR BOLTS BY LIGHT FIXTURE MANUFACTURE.

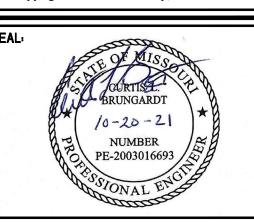
MANUFACTURER						LAMP			DRIVE CURRENT		WATTS	
MARK	*	FIXTURE DESCRIPTION	MODEL NUMBER	MOUNTING	COLOR	QTY	TYPE	CODE	(QUANTITY/TYPE)	VOLTS	(PER/POLE)	NOTES
PL3	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 23FT ABOVE FINISHED GRADE, 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-SA2C-740-U-SL4-BZ POLE: SSA4M20WCN1GV	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	129	1–2
PL4	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH TWO DIRECT ARM MOUNTS AT 180 DEGREES, FIXTURES INSTALLED 90 DEGREES, 23FT ABOVE FINISHED GRADE, 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: (2) GLEON-SA2C-740-U-T4FT-BZ POLE: SSA4M20WCN2GV	POLE	4000K	2 PER POLE	LED	-	(1) 1000mA	MVOLT	258	1–2
PL5	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 23FT ABOVE FINISHED GRADE, 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-SA2C-740-U-SL2-BZ POLE: SSA4M20WCN1GV	POLE	4000K	1 PER POLE	LED	-	(1) 1000mA	MVOLT	129	1-2



STREETS OF WEST PRYOR
LOT 9
SITE LIGHTING

LEE'S SUMMIT, MO
JACKSON COUNTY

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REV	DESCRIPTION	DATE:		
ISSUE DATE:		10/20/20		
REASON	FOR ISSUE:	ZONIN		

ISSUE DATE:		10/2	0/202
REASON FOR	ISSUE:	Z	ONINC
PROJECT NUM	/BER:	20-	6828-
PROJECT PHA	NSE:		SI
DRAWN BY:	AWN	CHECKED BY:	CLB
	•	•	,

SHEET TITLE:
LIGHTING
SCHEDULES AND
DETAILS
SHEET NUMBER:

\$\frac{1}{200}\$