FINAL DEVELOPMENT PLANS LOT 9 OF WEST PRYOR

WARDRO

LEE'S SUMMIT

RELEASED FOR CONSTRUCTION As Noted on Plans Review Lee's Summit, Missouri

Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747

SM Engineering

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Revisions

2-28-22 FDP COMMENTS

shee

COVER SHEET permit 8 FEBRUARY 2022

Katie.darnell@spireenergy.com Water Utilities Department

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

UTILITIES

EVERGY

Electric Service

Nathan Michael

Nathan.michael@kcpl.com

913-347-4310

Gas Service

Katie Darnell 816-969-2247

Jeff Thorn 816-969-1900

Water/Sanitary Sewer

1200 SE Hamblen Road

Lee's Summit, Mo 64081

jeff.thorn@cityofls.net

Communication Service

AT&T Carrie Cilke

816-703-4386

cc3527@att.com

Spire

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.

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

LOCATION MAP

BENCHMARKS:

HWY 470

PROJECT LOCATION

CHIPMAN ROAD

#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

NOTES:

1. THERE ARE NO OIL AND GAS WELLS ON SITE PER MDNR DATA BASE OF OIL AND GAS **PERMITS**

- 2. ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE MORE STRINGENT SHALL PREVAIL.
- CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTION TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH A FIELD ENGINEERING INSPECTOR PRIOR TO ANY LAND DISTURBANCE WORK AT 816-969-1200

FLOODPLAIN NOTE:

SUBJECT PROPERTY IS SHOWN TO BE LOCATED IN "OTHER AREAS ZONE X" ON THE FLOOD INSURANCE RATE MAP FOR JACKSON COUNTY, MISSOURI AND INCORPORATED AREAS. COMMUNITY PANEL NO. 29095C0416G, REVISED JANUARY 20, 2017. "OTHER AREAS ZONE X" IS DEFINED AS "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUL CHANCE FLOODPLAIN". LOCATION DETERMINED BY A SCALED GRAPHICAL PLOT OF THE FLOOD INSURANCE RATE MAP.

DEVELOPER

INDEX OF SHEETS

C-2 EXISTING CONDITIONS

C-5 SITE ELECTRICAL PLAN

C-9 EROSION CONTROL PLAN

C-10 EROSION CONTROL DETAILS

C-8 STORM LINE B,C & D PLAN AND PROFILE

C-1 COVER SHEET

C-4 UTILITY PLAN

C-6 GRADING PLAN

C-7 ADA RAMP DETAILS

C-14 LANDSCAPE PLAN

SL101 PHOTOMETRIC PLAN

SL200 LIGHTING SCHEDULE

C-3 SITE PLAN

C-11 DETAILS

C-12 DETAILS C-13 DETAILS

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

ENGINEER

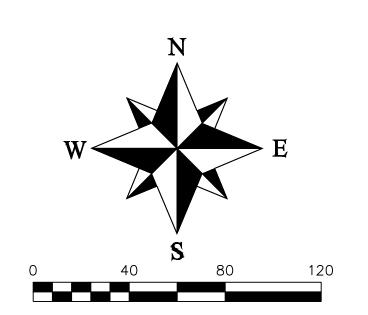
SM ENGINEERING 5507 High Meadow Circle Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747

SAMUEL D. MALINOWSKY

PROFESSIONAL ENGINEEER

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

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



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: 989.78

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

0000000000

Top: 989.27

Light Pole

Out(W) 18" HDPE: 984.87

Curb Inlet

Top: 989.85

In (E) \18" HDPE: 983.70

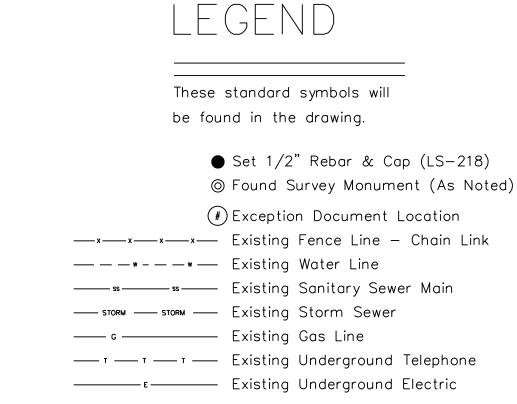
S87°32'44"E 388.97'

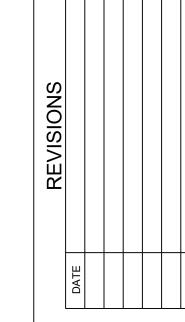
Lot 6 Streets of West Pryor

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

Out(W) 24" HDPE: 983.15

N87°32'43"W 413.63'





S

PROFESSIONAL SEAL

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
- 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

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

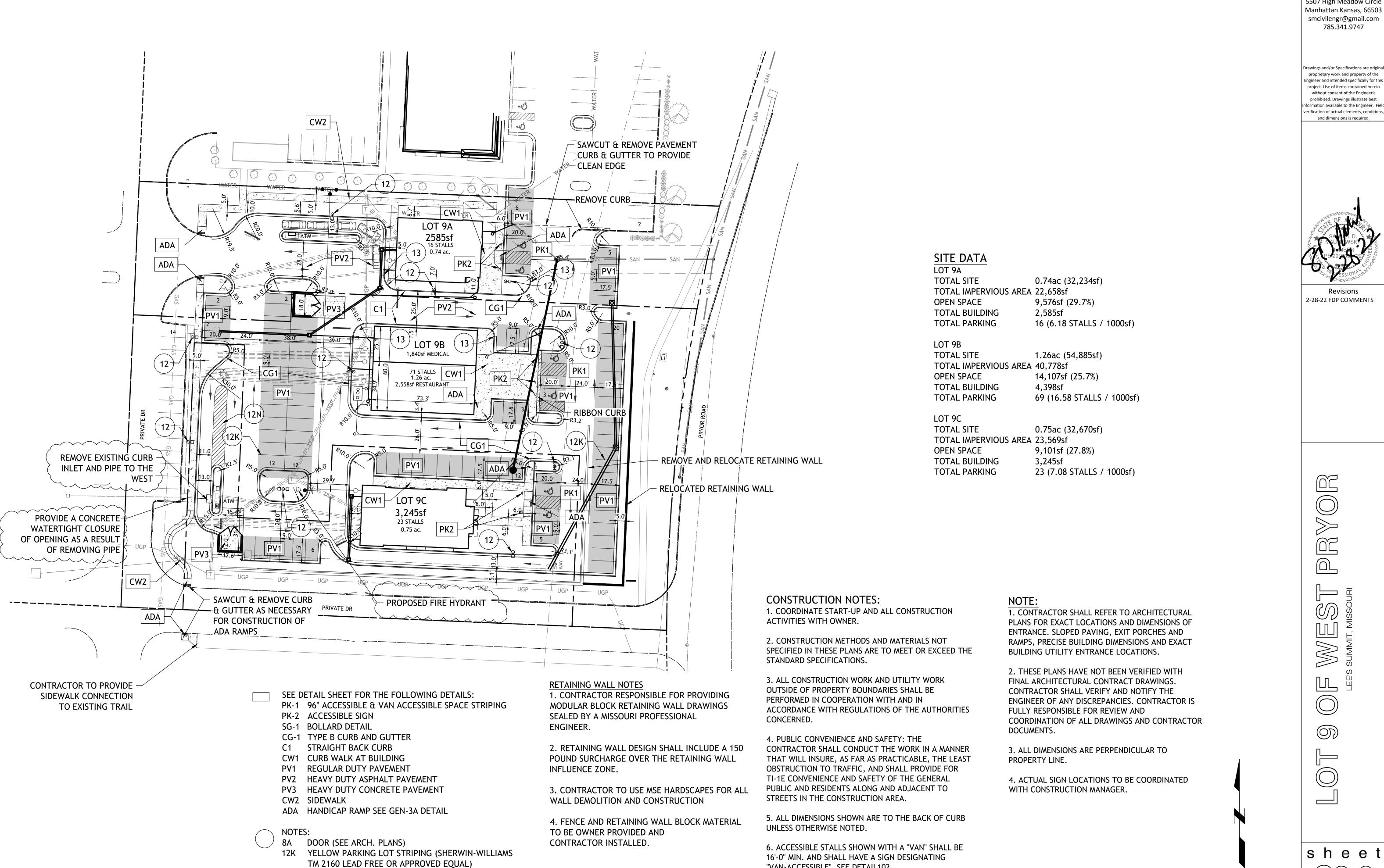
- 1). This survey is based upon the following information provided by the client or researched by this surveyor. (A). Streets of West Pryor Lots 1 thru 14, Tracts "A", "B", "C", & "D", recorded as Document No. 2019E0032538 in Book 183 at Page 28.
- 2). This survey meets or exceeds the accuracy standards 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

Chicago Title Insurance Company

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, 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 <u>April 11, 2013</u>

Date of Plat or Mato:

Engineering Soutions, LLC., Corp Authority CLS-218



12N 4" YELLOW STRIPES 3'-0" O.C.

LIGHT POLE BASE

510 CLEAN-OUT (SEE GRADING PLAN)

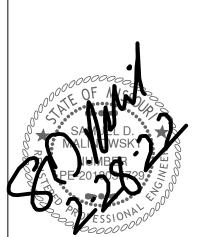
END STRAIGHT BACK CURB

"VAN-ACCESSIBLE". SEE DETAIL102.

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Revisions

2-28-22 FDP COMMENTS

sheet

1"=30'

0 15' 30'

Civil

SITE PLAN permit 8 FEBRUARY 2022

STA 0+00, WATERLINE A

WATERLINE

0+20

CONNECT TO EXISTING 8" PVC

0+40

WATERLINE A

1+00

1+20

1+40

1+60

1+80

2+00

0+80

0+60

970

-0+100+00

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 10' PAST METER EITHER TYPE "K" OR POLYETHYLENE PLASTIC TUBING (PE 3608) FROM 10' PAST 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 LIME)

2" METER (2" TAP WITH 2" SERVICE LINE) 20C

\$" METER (\$" TAP WITH \$" 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)

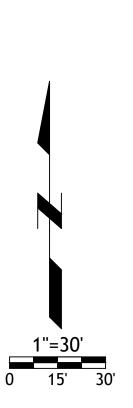
UTILITY STATEMENT:

RE HYDRAN GATE VAL '90° BEND

2+40 2+50

2+20

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.

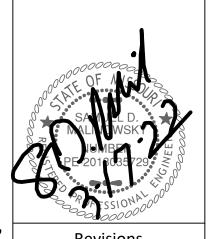


CONSTRUCTION
As Noted on Plans Review SM Engineering D

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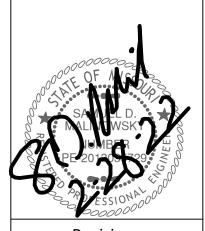
Revisions 2-28-22 FDP COMMENTS 3-17-22 PER CLIENT

sheet UTILITY PLAN & WATER LINE A

PLAN AND PROFILE permit 8 FEBRUARY 2022

Manhattan Kansas, 66503 smcivilengr@gmail.com 785.341.9747

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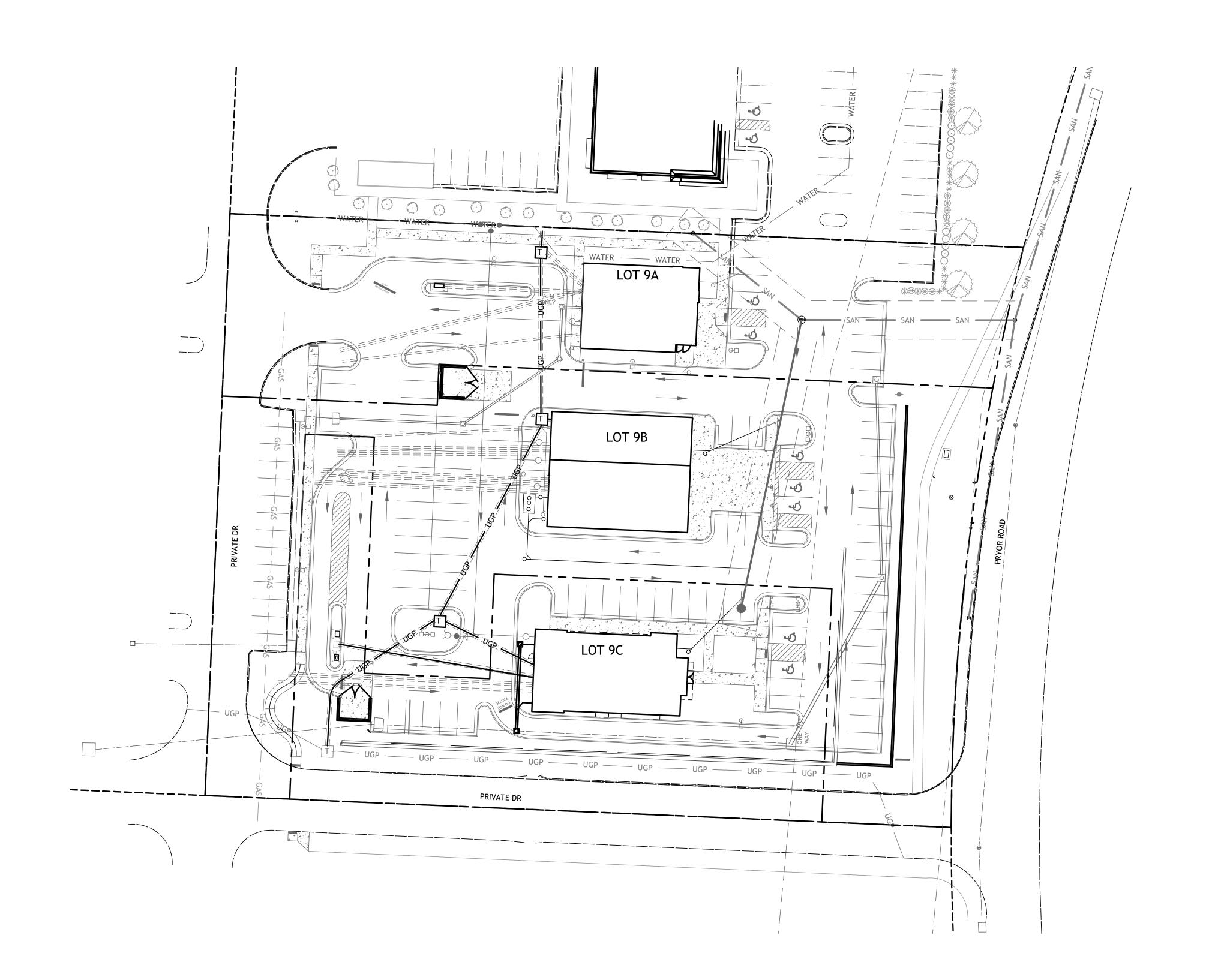
Revisions 2-28-22 FDP COMMENTS

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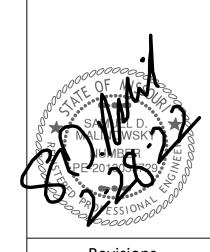
SITE ELECTRICAL PLAN permit 8 FEBRUARY 2022

1"=30' 0 15' 30'



SM Engineet Services D

awings and/or Specifications are original



Revisions 2-28-22 FDP COMMENTS

sheet

1"=20'

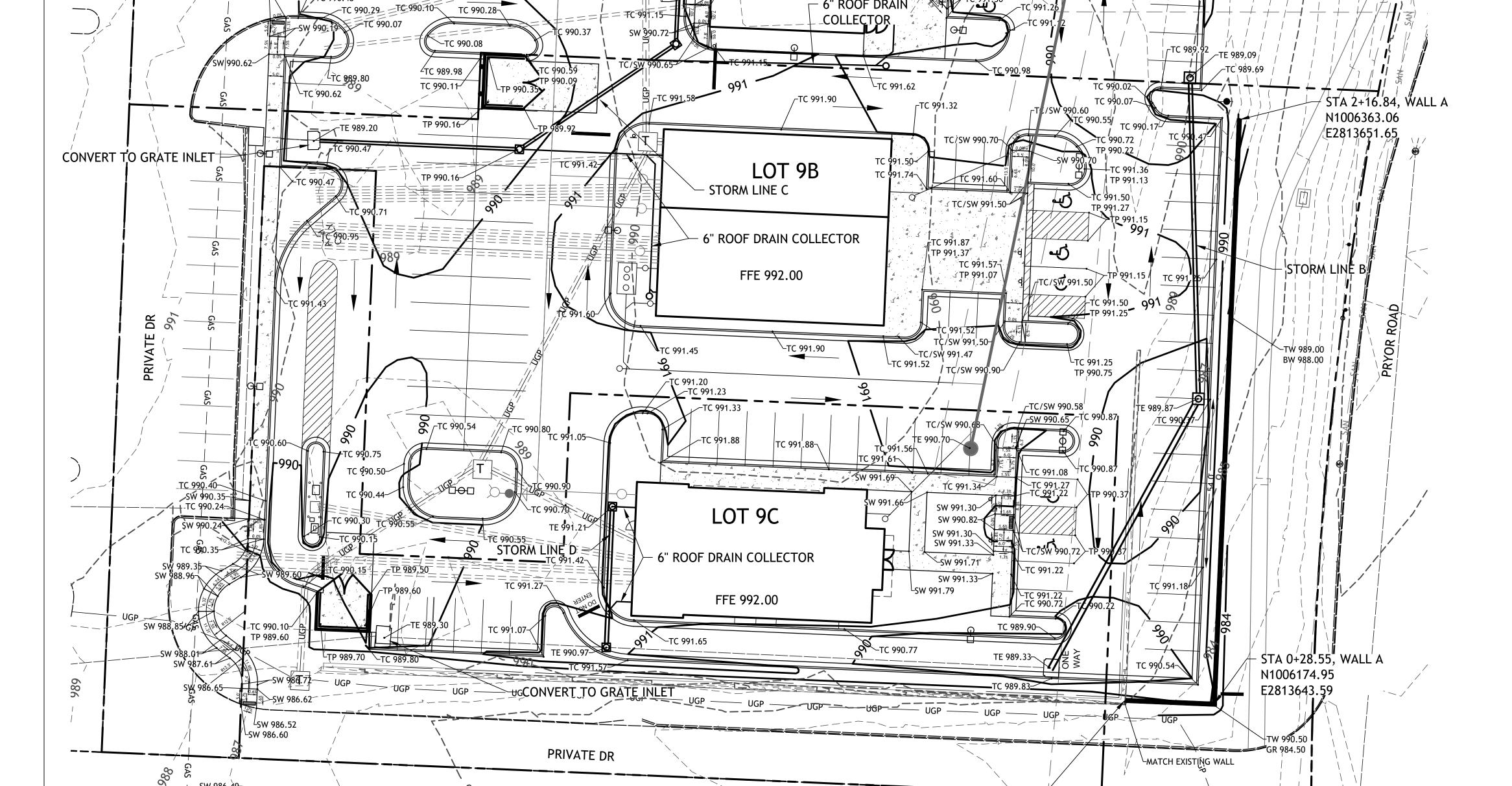
0 10' 20

GRADING PLAN & WALL A PLAN & PROFILE permit 8 FEBRUARY 2022

GRADING NOTES:

EARTHWORK UNDER THE BUILDING SHALL COMPLY WITH THE PROJECT ARCHITECTURAL PLANS. OTHER FILL MATERIAL SHALL BE MADE IN LIFTS NOT TO EXCEED EIGHT INCHES DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL MATERIAL MAY INCLUDE ROCK FROM ON-SITE EXCAVATION IF CAREFULLY PLACED SO THAT LARGE STONES ARE WELL DISTRIBUTED AND VOIDS ARE COMPLETELY FILLED WITH SMALLER STONES, EARTH, SAND OR GRAVEL TO FURNISH A SOLID EMBANKMENT. NO ROCK LARGER THAN THREE INCHES IN ANY DIMENSION NOR ANY SHALE SHALL BE PLACED IN THE TOP 12 INCHES OF EMBANKMENT.

- 2. AREAS THAT ARE TO BE CUT TO SUBGRADE LEVELS SHALL BE PROOF ROLLED WITH A MODERATELY HEAVY LOADED DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS.
- 3. IN ALL AREAS OF EXCAVATION, IF UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED. A QUALIFIED GEOTECHNICAL ENGINEER SHALL RECOMMEND TO THE OWNER THE METHODS OF UNDERCUTTING AND REPLACEMENT OF PROPERLY COMPACTED, APPROVED FILL MATERIAL. ALL PROOF ROLLING AND UNDERCUTTING SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.
- 4. CONTRACTOR SHALL USE SILT FENCE OR OTHER MEANS OF CONTROLLING EROSION ALONG THE EDGE OF THE PROPERTY OR OTHER BOTTOM OF SLOPE LOCATIONS.
- 5. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS.
- 6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- 7. IT IS NOT THE DUTY OF THE ENGINEER OR THE OWNER TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE AT ANY TIME DURING CONSTRUCTION.
- 8. PIPE LENGTHS ARE CENTER TO CENTER OF STRUCTURE OR TO END OF END SECTIONS.
- 9. HANDICAP STALLS SHALL MEET ADA REQUIREMENTS AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION AT THE BUILDING ENTRY AND ACCESSIBLE PARKING STALLS. SLOPES EXCEEDING 2.0% WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 10. CONTRACTOR TO ADJUST DEPTHS OF EXISTING SERVICE LINES AS NECESSARY
- 11. ALL CONSTRUCTION TRAFFIC, TEMPORARY TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS SHALL CONFORM TO REQUIREMENTS OF THE LATEST MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 12. ALL ROCK AND LEDGE WITHIN BUILDING AREA AND IN LOCATION OF UTILITIES TO A DEPTH OF 3' MUST BY REMOVED
- 13. LOT 9C BUILDING PAD TO BE COMPACTED TO 95% MODIFIED PROTOR WITH A BEARING CAPACITY OF 2500 PDF TO A SUBGRADE ELEVATION OF 8" BELOW FINISH FLOOR.
- 14. LOT 9A BUILDING PAD TO BE COMPACTED TO 95% MODIFIED PROTOR WITH A BEARING CAPACITY OF 2500 PDF TO A SUBGRADE ELEVATION OF 10" BELOW FINISH



TC 991 55 WATER — WATER -

LOT 9A

─ 6" ROOF DRAİN

^{SW 991.21} FFE 991.75

<u>TC 991.37</u>

TC 991.62

MATČH-√ <u>.ŞW</u> 991.40

′ SW 991.28~

TC 991.02

/_TC 990.48

SW 990.69

∕-SW 986.85

SW 986.60-/

SW 986.52^{_/}

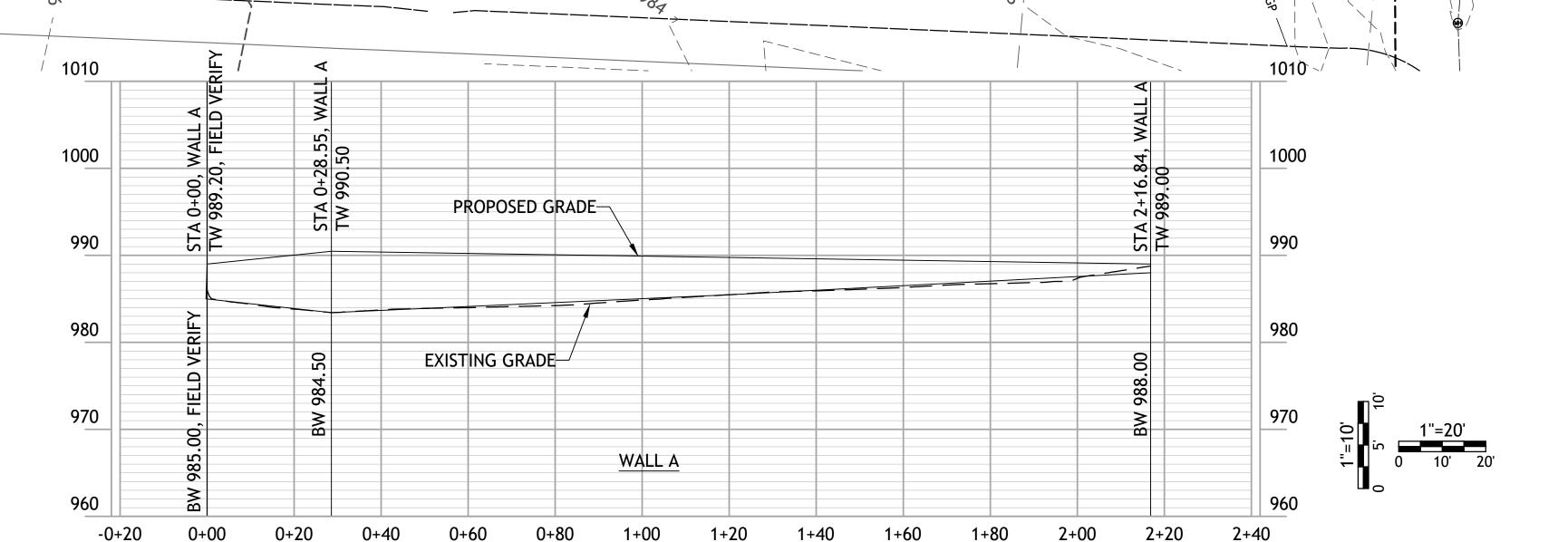
SW 986, 90-

SW 990.78^{_/}

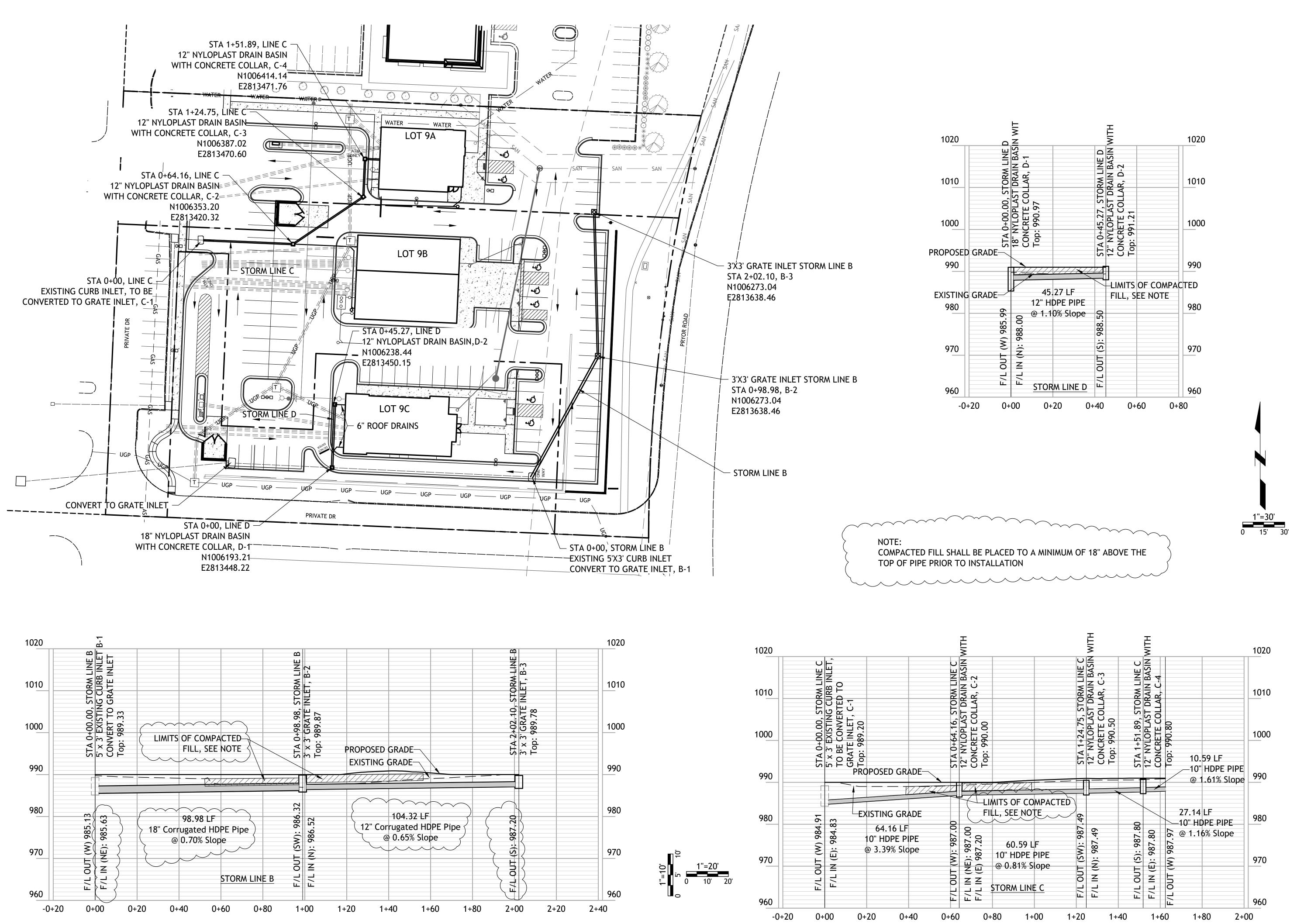
\$W 990.11_{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\text{\text{\tin}}\tit}

MATCH SW 991.39

SW 991.36

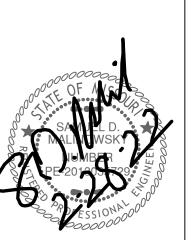


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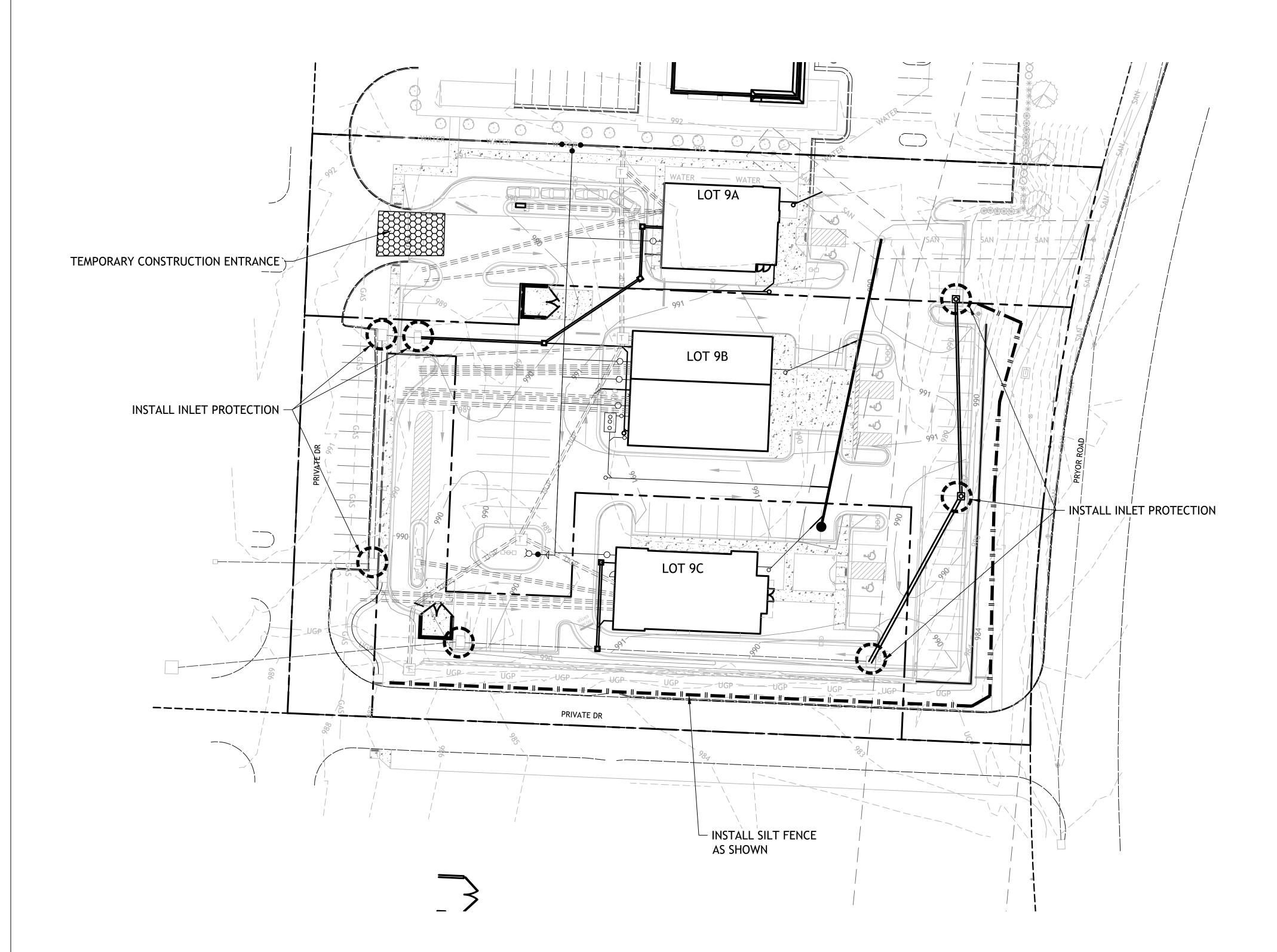
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Revisions 2-28-22 FDP COMMENTS

1"=30' 0 15' 30' shee

EROSION CONTROL PLAN permit 8 FEBRUARY 2022



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

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

easily recognizable indications such as construction staking,

construction fencing and placement of physical barriers or

conformance with the erosion and pollution control plan;

other means acceptable to the City inspector and in

a) Identify the limits of constructjan on the ground with

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

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, TRMs, biodegradable logs, filter socks, synthetic sediment barriers and hydraulic erasion control shall be installed as

early as possible during mass grading. Sediment basins and traps shall

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.

directed by the manufacturer.

LEGEND

SILT FENCE

TEMPORARY CONSTRUCTION ENTRANCE

SM Development Services Dep



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Revisions 2-28-22 FDP COMMENTS

STANDARD DRAWING

10/24/2016

NUMBER ESC-03

ADOPTED:

SILT FENCE

Modified from 2015 Overland Park Standard Details

s h e e **EROSION CONTOL DETAILS**

permit 8 FEBRUARY 2022

Notes for Concrete Washout: Concrete washout areas shall be installed prior to any concrete placement on site. Concrete washout area shall include a flat subsurface pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface pit shall be 3:1. The vehicle tracking pad shall be sloped towards the concrete washout area. Vehicle tracking control is required at the access point to all concrete washout areas. 4. Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs. A one-piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

<u>Plan View</u> Not to Scale Mountable Berm (Optional) 6" Min. <u>Side Elevation</u>

— Washrack / Rumble Strip

(Optional)

→ Positive drainage

Sediment Trapping Device

Aggregate

* - Must extend full width of

<u>Section A-A</u>

Not to Scale

Notes for Construction Entrance:

Existing Ground —

Existing Ground -

- 1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
- 2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
- 3. If slope towards the public road exceeds 2%, construct a 6— to 8—inch high ridge with 3H:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
- 4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
- 5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
- 6. Divert all surface runoff and drainage from the entrance to a sediment control device.
- If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

1. Reshape entrance as needed to maintain function and integrity of Installation. Top dress with clean aggregate

CONSTRUCTION ENTRANCE

Maintenance for Construction Entrance:

AMERICAN PUBLIC WORKS ASSOCIATION KANSAS CITY METRO CHAPTER

CONSTRUCTION ENTRANCE 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. AND CONCRETE WASHOUT

CONCRETE WASHOUT

Maintenance for Concrete Washout:

Excavated material Shall be used for perimeter berm.
Soil for berm Shall be
compacted in the same

_ manner as trench backfill

Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.

Concrete washout areas shall be enlarged as necessary to maintain capacity for wasted concrete.

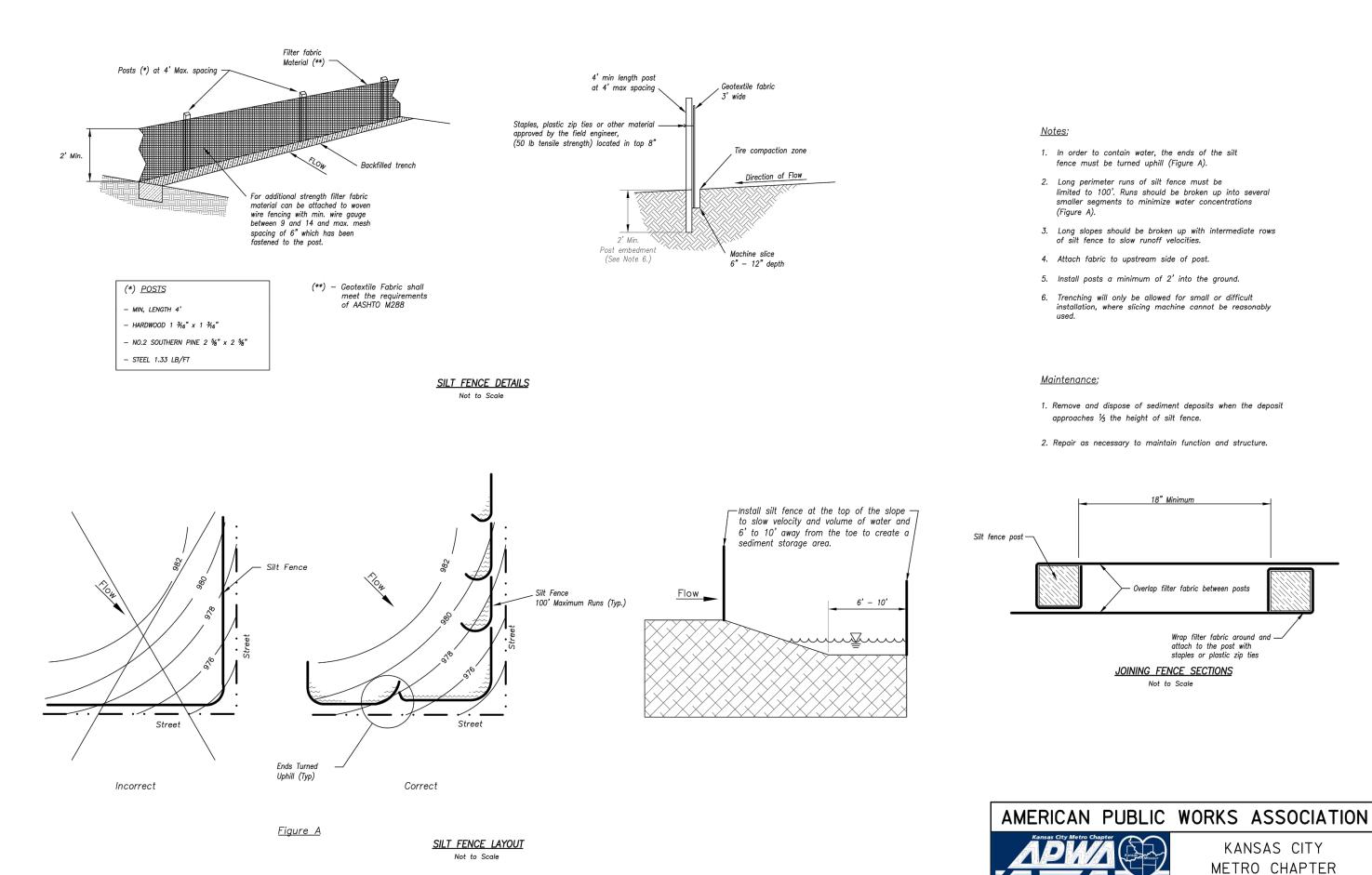
Concrete washout water, wasted pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water—tight container and disposed of properly.

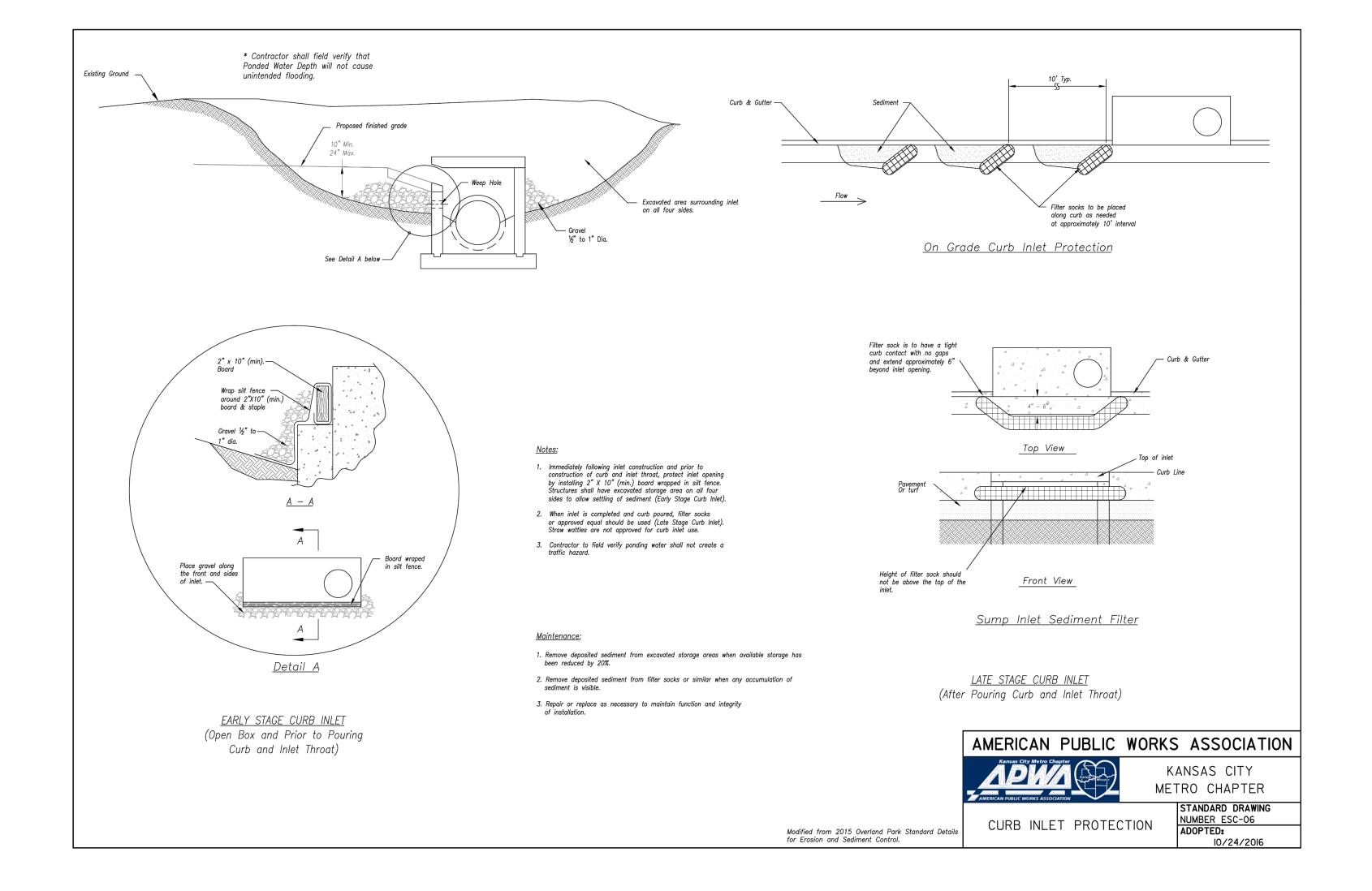
Concrete washout areas shall remain in place until all concrete for the project is placed.

When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topsoil, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.

Construction Fence (optional)

STANDARD DRAWING NUMBER ESC-OI ADOPTED: 10/24/2016





PORTLAND CEMENT
CONCRETE PAVEMENT

AGGREGATE BASE COURSE

COMPACTED SUBGRADE

1. FLEXIBLE PAVEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSOURI

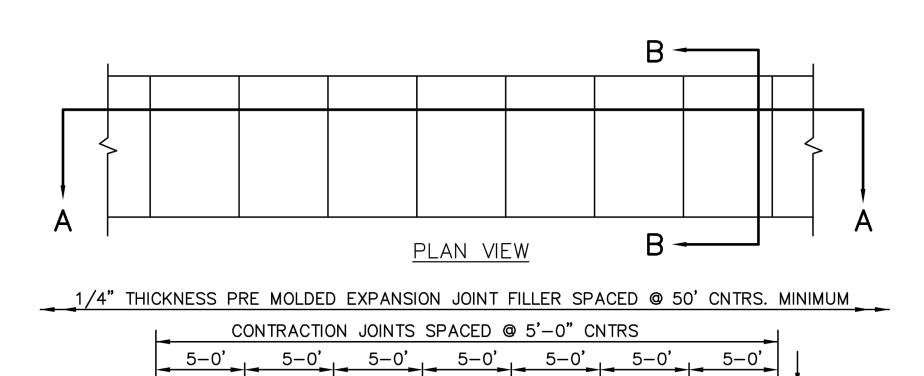
HEAVY DUTY CONCRETE PV3

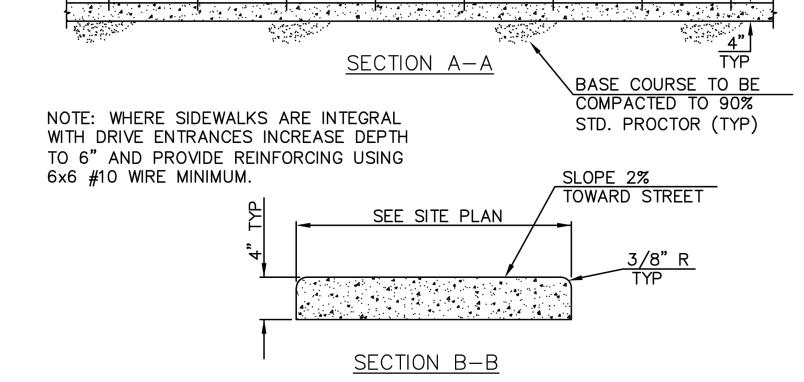
ASPHALT SURFACE COURSE - APWA TYPE 3-01
ASPHALT BASE COURSE - APWA TYPE 2-01

AGGREGATE BASE MODOT TYPE 5 OR EQUIVALENT

DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

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

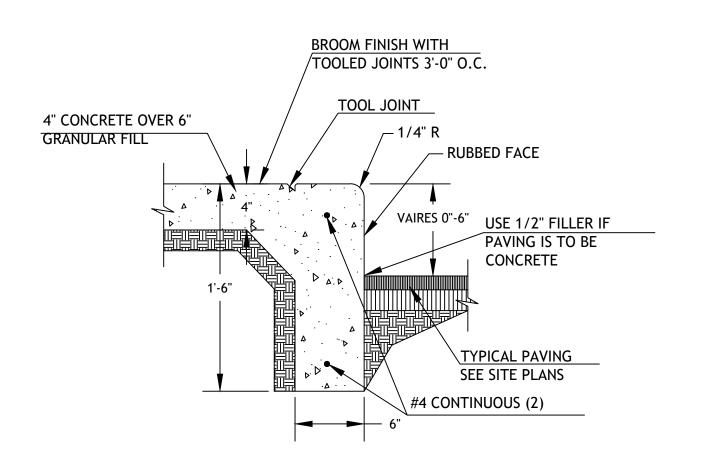




CONCRETE SIDEWALK

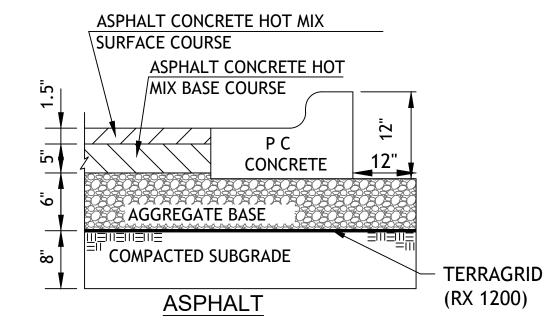
NOTE: CONCRETE SHALL BE CLASS A WITH f'c = 3000 PSI.

CW2



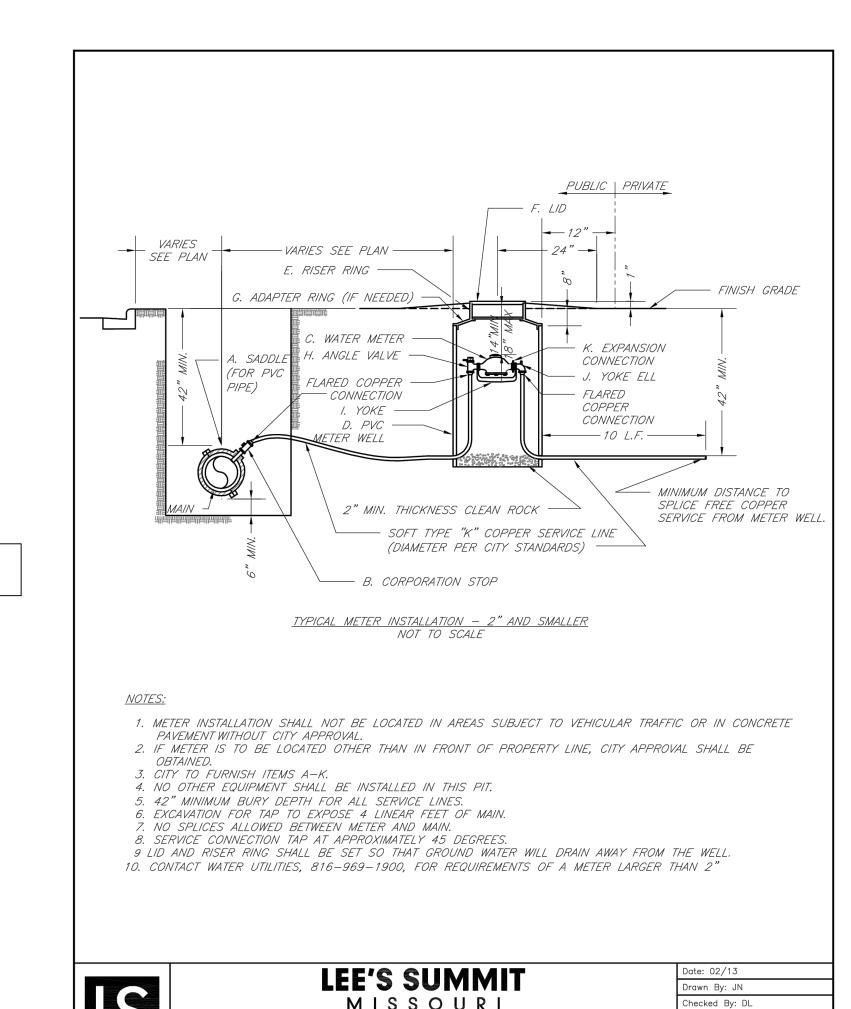
CURB WALK/CURB (AT BUILDING)

CW1

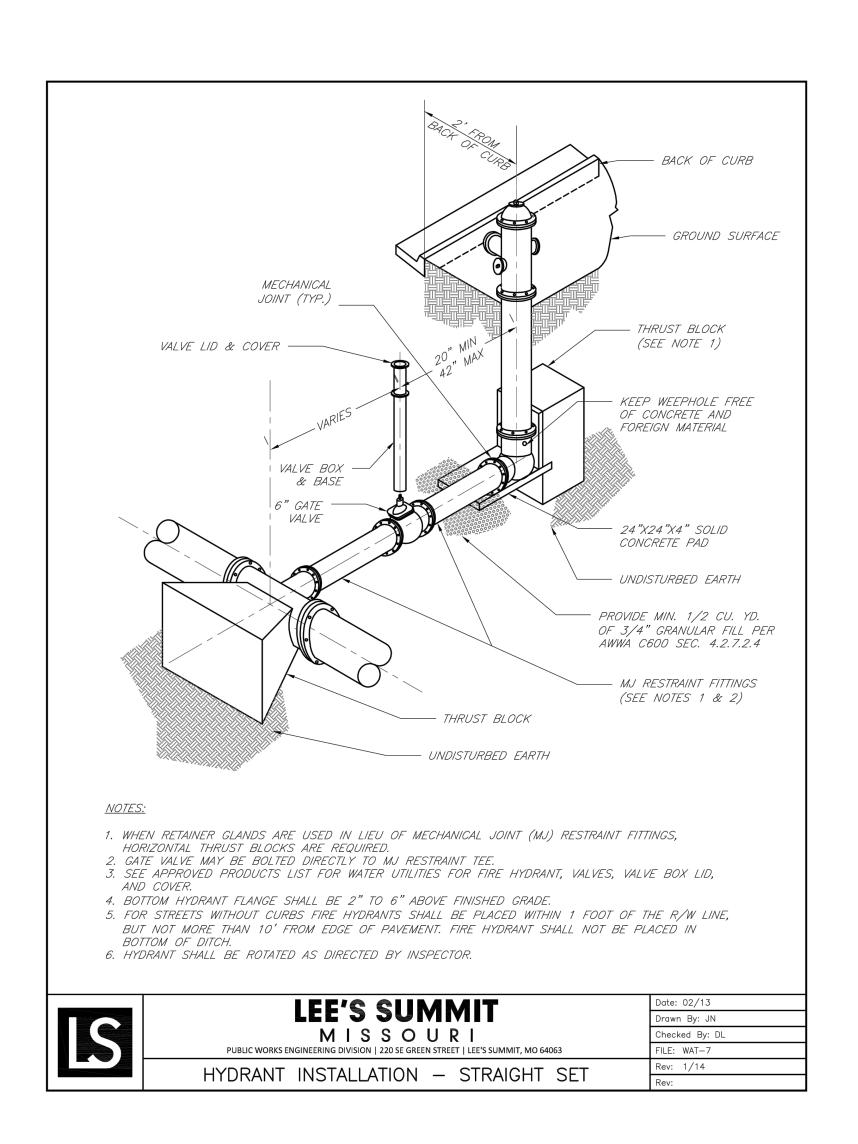


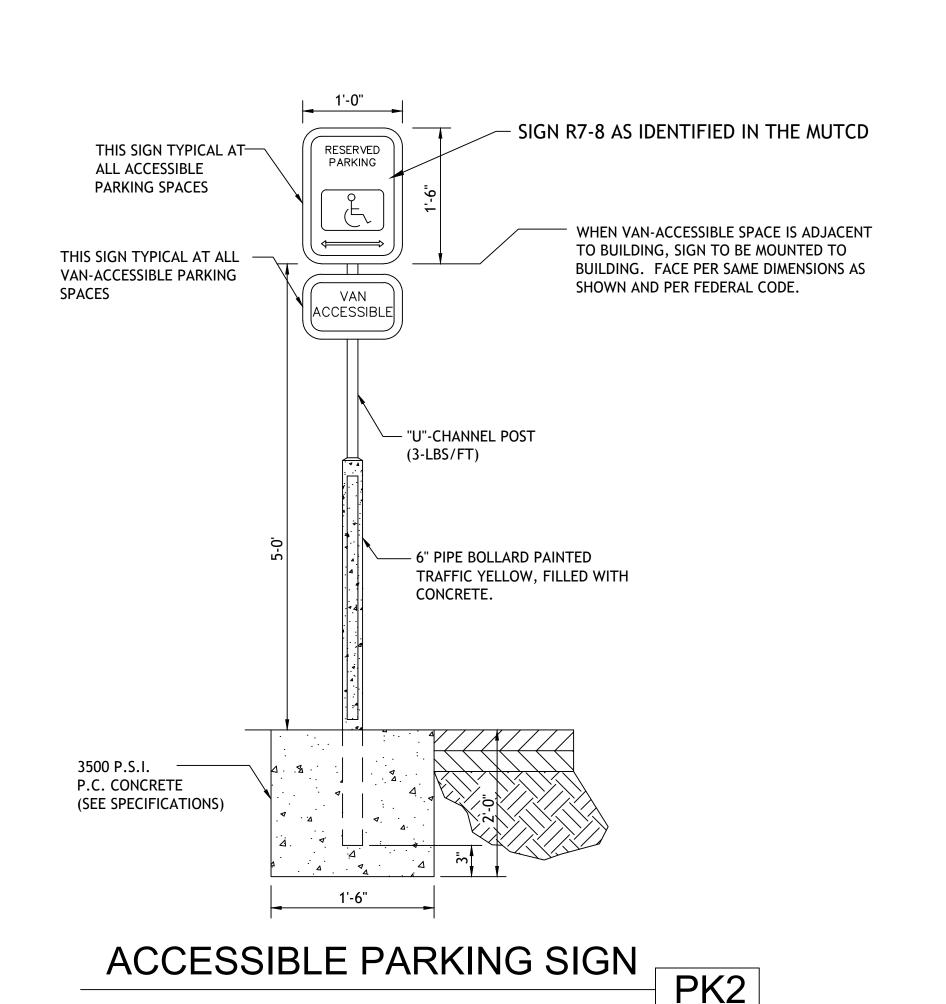
HEAVY DUTY ASPHALT PAVING

PV2



SERVICE CONNECTION/METER WELL



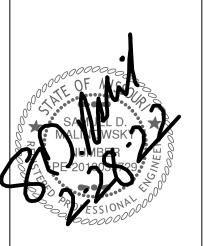




CONSTRUCTION

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Revisions 2-28-22 FDP COMMENTS

Rev: 1/14

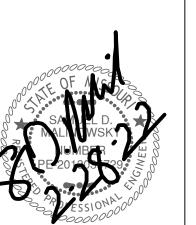
OF WEST PRYOR

sheet
Civil
DETAILS

permit 8 FEBRUARY 2022

As Noted on Plans Review

CONSTRUCTION





1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

INITIAL BACKFILL

-UNDER PAVED AREAS OR WITHIN 4" HORIZONTAL OF PAVED AREAS

1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY

COMPACTED IN MAX. 4" LIFTS

-UNDER OPEN AREAS

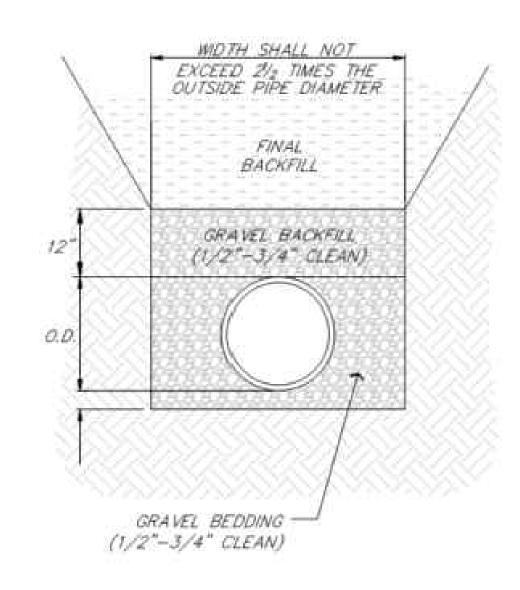
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

FINAL BACKFILL

-UNDER PAVED AREAS OR WITHIN 4" HORIZONTAL OF PAVED AREAS ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH, CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8", COMPACTED TO 95% OF STANDARD DENSITY PER ASTM D-698-UNDER OPEN AREAS

ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN
MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH,
CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8".
COMPACTED TO 90% OF STANDARD DENSITY PER ASTM D-698

		ENSITY PER
BEDDING DEF	PTH BELOW PIR	E
IPE DIAMETER	IN SOIL	IN ROCK
	6"	6"
4" AND LESS		



PIPE BEDDING DETAIL
NOT TO SCALE

ALTERNATE * PIPE EXIT *

SHOW ONLY PIPE ARRANGEMENT REQUIRED FOR SPECIFIC PROJECT INSTALLATION.

NOTE: PIPE ENTRY/EXIT SHALL MATCH JCW PERMITTED SITE PLAN.

3

TO BLDG VENT SAMPLING PORT

	ITEM	DESCRIPTION
	1	4" ABS INLET PIPE*
	2	4"x4"x2" TEE WITH 2" PIPE TO BUILDING VENT*
	3	THREADED C/O CAP JOSAM 58860 OR APP EQUAL**
	4	CONCRETE PAD
	5	4"x4"x4" TWO-WAY CLEANOUT TEE*
	6	4" ABS OUTLET*
	7	4" - 6" GRAVEL BEDDING
	8	HEAVY-DUTY CAST IRON FRAME AND COVER ***
	9	CONCRETE ADJUSTMENT RINGS
	10	REINFORCE AS REQUIRED FOR SERVICE CONDITIONS
	11	4" ABS 90° ELBOW*
	12	4" ABS TEE*
	13	A-LOK OR PRESS SEAL PSX PIPE/WALL CONNECTOR
(G)	4.4	2" VENT PIPE (IDENTIFY PIPE TYPE, CLASS & JOINT
(e)	14	AS REQUIRED FOR PROJECT)
(F)	15	STAINLESS STEEL PIPE SUPPORT CLAMP ****

* 6" PIPE MAY BE SUBSTITUDED TO MATCH UPSTREAM PIPE DIAMETER.
** REFER TO CLEAN OUT DETAIL(S) ON STANDARD DETAIL SHEET.

*** CLAY & BAILEY 2008 BV OR EQUAL (FROST PROOF COVERS OPTIONAL)

****FM STAINLESS FASTNERS #63 OR EQUAL. 1/2"x2-1/2" SS BRACKET W/ 1/2"x1-1/2" FULLY THREADED SS HEX BOLT WITH 1/2" SS WASHER AND 1/2"X1-3/4" SS ANCHORS. CLAMP TO BE FACTORY INSTALLED.

NOTES:

1. THREE COVERS AND RISERS SHOWN. TWO COVERS AND RISERS CENTERED OVER UPPER TWO BAFFLES ARE

B 2. INTERCEPTOR SIZE - 1000 GAL MINIMUM (REVISE THE SIZE DIMENSIONS, AS NEEDED, FOR LARGER CAPACITY INTERCEPTORS)

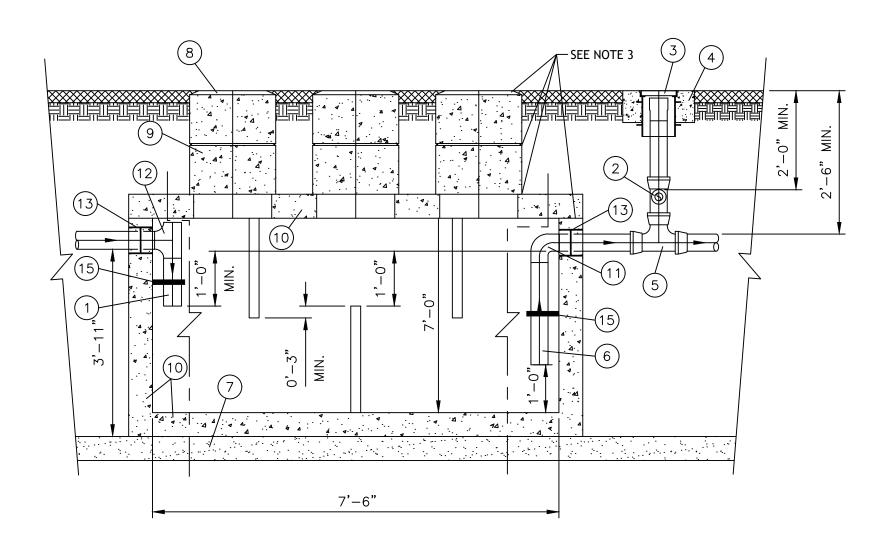
D 3. ALL JOINTS AT THE FRAME & COVER*, CONCRETE ADJUSTMENT RINGS AND THE LID OF THE INTERCEPTOR SHALL BE SEALED WITH A MINIMUM OF TWO (2) ROWS OF 3/4 TO 1 INCH PREFORMED BUTYL JOINT SEALER AND A 6" BUTYL JOINT WRAP AROUND SLEEVE (EZ WRAP). THE ENDS OF THE 6" EZ WRAP SHALL OVERLAP BY 12".

4. PIPING ON THE INTERIOR OF THE INTERCEPTOR SHALL BE ABS WITH SOLVENT-CEMENTED JOINTS.

5. GREASE INTERCEPTOR INCLUDING AD INSTMENT RINGS AND CASTINGS SHALL BE VACUUM TESTED FOR WATER

4. PIPING ON THE INTERIOR OF THE INTERCEPTOR SHALL BE ABS WITH SOLVENT-CEMENTED JOINTS.

5. GREASE INTERCEPTOR INCLUDING ADJUSTMENT RINGS AND CASTINGS SHALL BE VACUUM TESTED FOR WATER TIGHTNESS AFTER THE BACKFILL OPERATIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH JCW TECHNICAL SPECIFICATIONS. A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND WITH THE VACUUM PUMP SHUT OFF THE MERCURY SHALL NOT DROP BELOW 9 INCHES WITHIN 1 MINUTE OR BELOW 5 INCHES WITHIN 5 MINUTES.



60"

84"

GREASE INTERCEPTOR

FULL

WT (LBS)

GREASE INTERCEPTOR SCHEDULE

MANUFACTURER | MODEL | CAPACITY

OLD CASTLE

NO.

Q-1500

US gal.

1500

LENGTH	WIDTH	HEIGHT	INLET	OUTLET
L	W	Н	FL	FL

977.4 977.4

GI

NOTE: REINFORCED TANK WITH MESH THROUGHOUT. REINFORCED LID FOR DRIVE AREA. 4000 LB CONCRETE

20,255 90"

SM Perelopment Services De Per

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Revisions 2-28-22 FDP COMMENTS

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shee C13.0 Civil DETAILS

> permit 8 FEBRUARY 2022

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and dimensions is required.

Revisions

2-28-22 FDP COMMENTS

	LOT 9A			LOT 9B			LOT 9C		
/	LOT 7A			PRYOR ROAD 230'			PRIVATE ROAD SOUTH	_	277'
/	PRYOR ROAD 75'			REQUIRED:			REQUIRED:		
	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	5. m. 6.25 1.7.26					
	3111(0)3 17 20		•	PROVIDED:			PROVIDED:		
/	PROVIDED:			ORNAMENTALS	=	8	SHADE TREES	=	8
,	ORNAMENTALS	=	3	SHRUBS	=	30	ORNAMENTALS	=	1
į	SHRUBS	=	15	3. I.Co.		30	SHRUBS	=	30
	Silicobs	_	13	PRIVATE ROAD WEST	208	3 '			
<u>/</u>	PRIVATE ROAD WEST	95'		REQUIRED:			INTERIOR PARKING		
Ï	REQUIRED:	75		STREET TREES 1/30'	=	7	TOTAL PARKING SURFACE	=	20,324 sf
	STREET TREES 1/30'	=	3	SHRUBS 1/20'	=	21	REQUIRED		
	SHRUBS 1/20'	=	5	3111(0)23 17 20		21	5% LANDSCAPE AREA	=	1,016 sf
	3111003 1720	_	3	PROVIDED:			PROVIDED	=	1,601 sf
	PROVIDED:			SHADE TREES	=	3			
	ORNAMENTALS	=	11	ORNAMENTALS	=	4	OPEN SPACE TREES		
/	SHRUBS	_	10	SHRUBS	=	25	OPEN SPACE	29,	425sf
	3111003	_	10	31111003		23	REQUIRED		
	INTERIOR PARKING			PRIVATE ROAD SOUTH		67'	TREES 1 / 5,000sf	=	6
	TOTAL PARKING SURFACE		10 497 sf	REQUIRED:		07			
	REQUIRED		10,777 31	STREET TREES 1/30'	=	2	PROVIDED		
	5% LANDSCAPE AREA	=	525 sf	SHRUBS 1/20'	=	7	SHADE TREES	=	3
	PROVIDED	=	871sf	3111(0)23 17 20		,	ORNAMENTALS	=	3
	FROVIDED	_	07 131	PROVIDED:					
	OPEN SPACE TREES			ORNAMENTALS	=	2	OPEN SPACE SHRUBS		
	OPEN SPACE TREES	20	649sf	SHRUBS	=	10	REQUIRED		
	REQUIRED	۷,۱	0-731	3. I.Cobs		10	2 / 5,000sf	=	12
	TREES 1 / 5,000sf	=	6	INTERIOR PARKING					
	TREES 1 7 3,00031	_	U	TOTAL PARKING SURFACI	F =	36,380 sf	PROVIDED	=	20
	PROVIDED			REQUIRED	_	30,300 31			
	SHADE TREES	=	4	5% LANDSCAPE AREA	=	1,819 sf			
	ORNAMENTALS	=	2	PROVIDED	=	2,602 sf			
I	ONINAMEN I ALS	_	_	I NOTIDED	•	£,00£ 31			
1	OPEN SPACE SHRUBS			OPEN SPACE TREES					
1	REQUIRED			OPEN SPACE	50	865sf			
1	1. L COO-4		40 -	DECLUBED	50,				

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

Landscape Architect prior to installation.

Contractor shall verify all landscape material quantities and shall report any discrepancies to the

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.

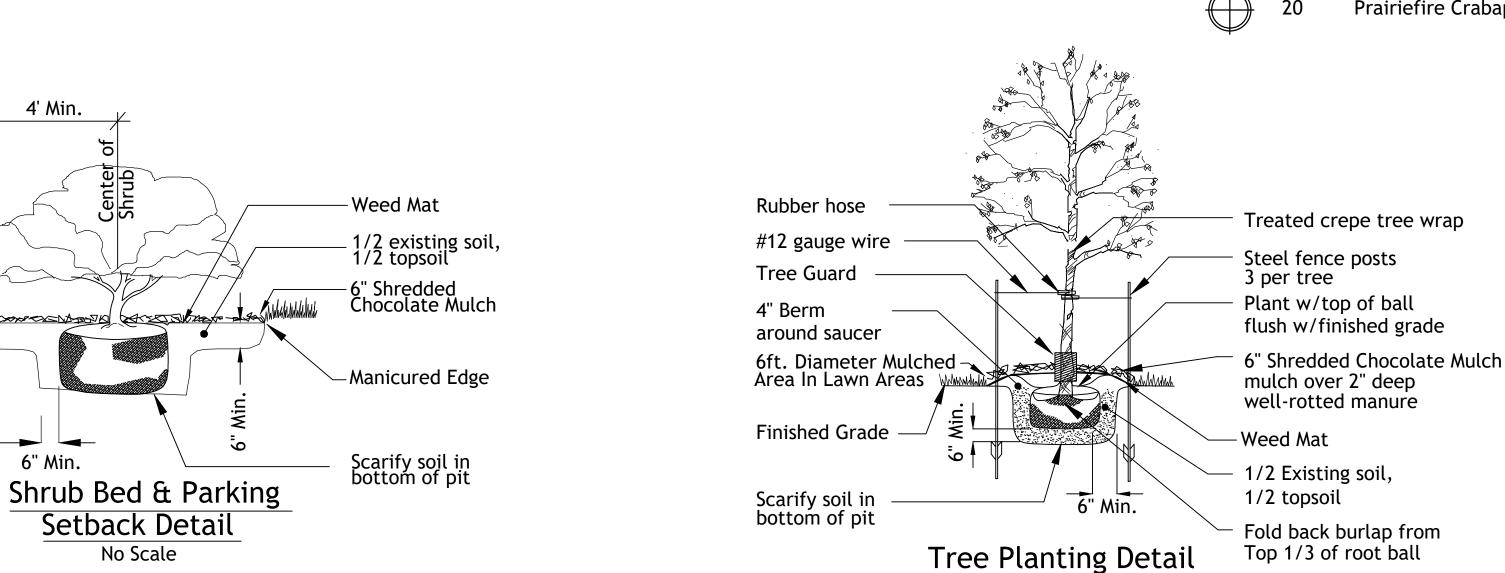
MOWING NOTE

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

Tree List

No Scale

Shrub List Symbol Qu	antity Common Name	Botanical Name	Size	Condition	Spacing
o –	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.
* -	Morning Light Maiden Gra	ass Miscanthos Sinensis 'Morning Light'	18"-24"sp.	Cont.	4'o.c.



Symbol Quantity Common Name Condition Spacing 3" cal October Glory Maple Acer Rubrum 'October Glory' BB As Shown Skyline Honeylocust Gleditsia Triacanthos 'Skyline' 3" cal BB As Shown 3"cal Golden Raintree Koelreuteria Paniculata As Shown Malus Sp. 'Priariefire' 3"cal As Shown Prairiefire Crabapple Treated crepe tree wrap

Free Standing

Transformer

Botanical Name

REQUIRED

TREES 1 / 5,000sf

PROVIDED

REQUIRED

2 / 5,000sf

PROVIDED

SHADE TREES

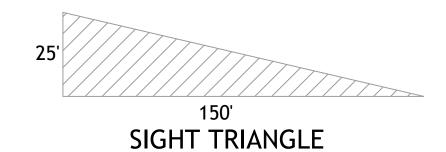
ORNAMENTALS

OPEN SPACE SHRUBS

= 20

= 20

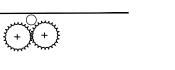
= 15



Typical Utility Box Screening Details

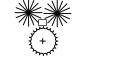
No Scale

Against Wall

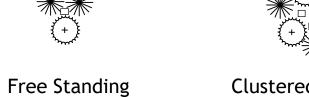


Size



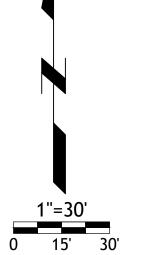


Small Box



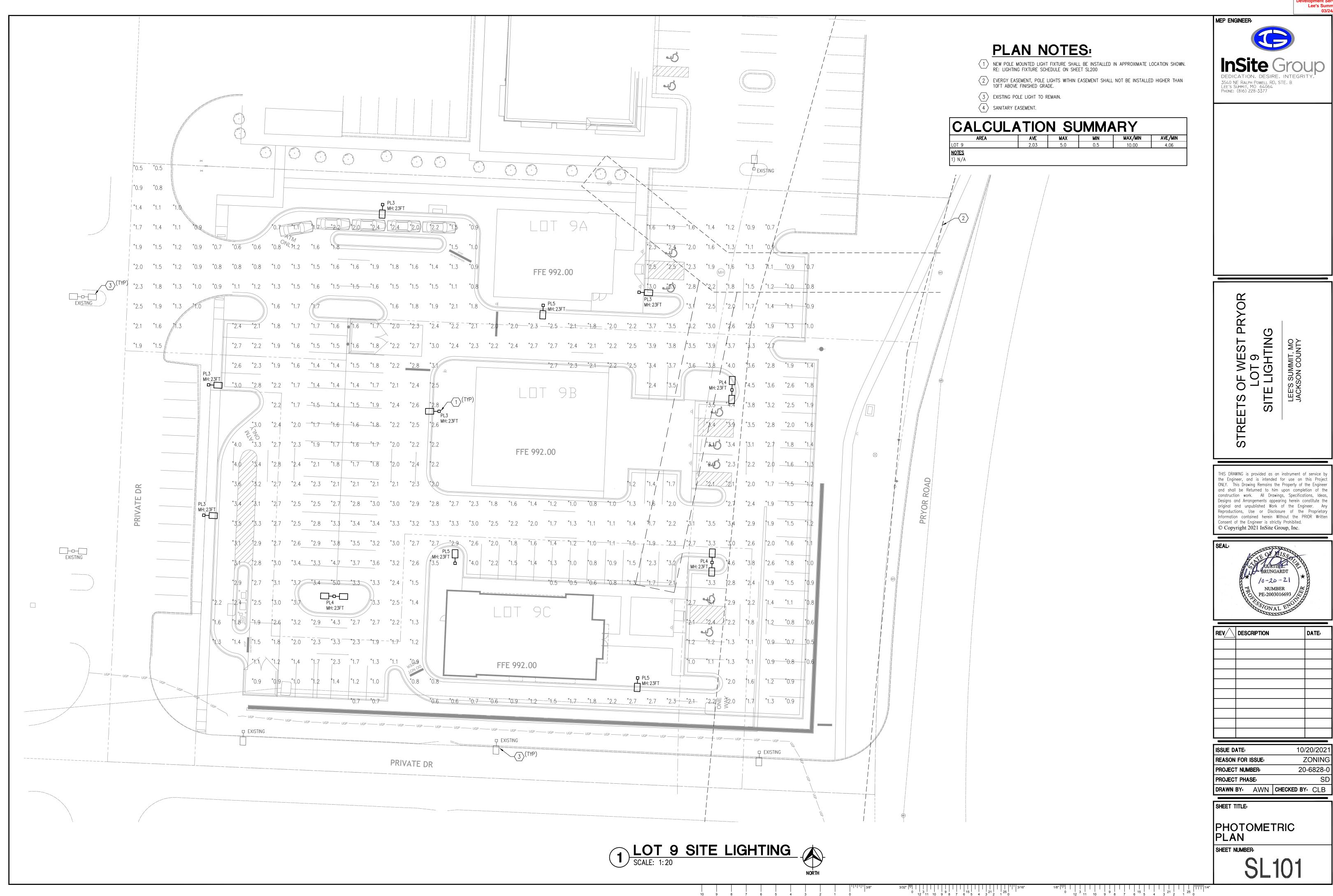
Clustered Boxes

UTILITY BOXES SHALL BE CLUSTERED AS MUCH AS POSSIBLE



shee

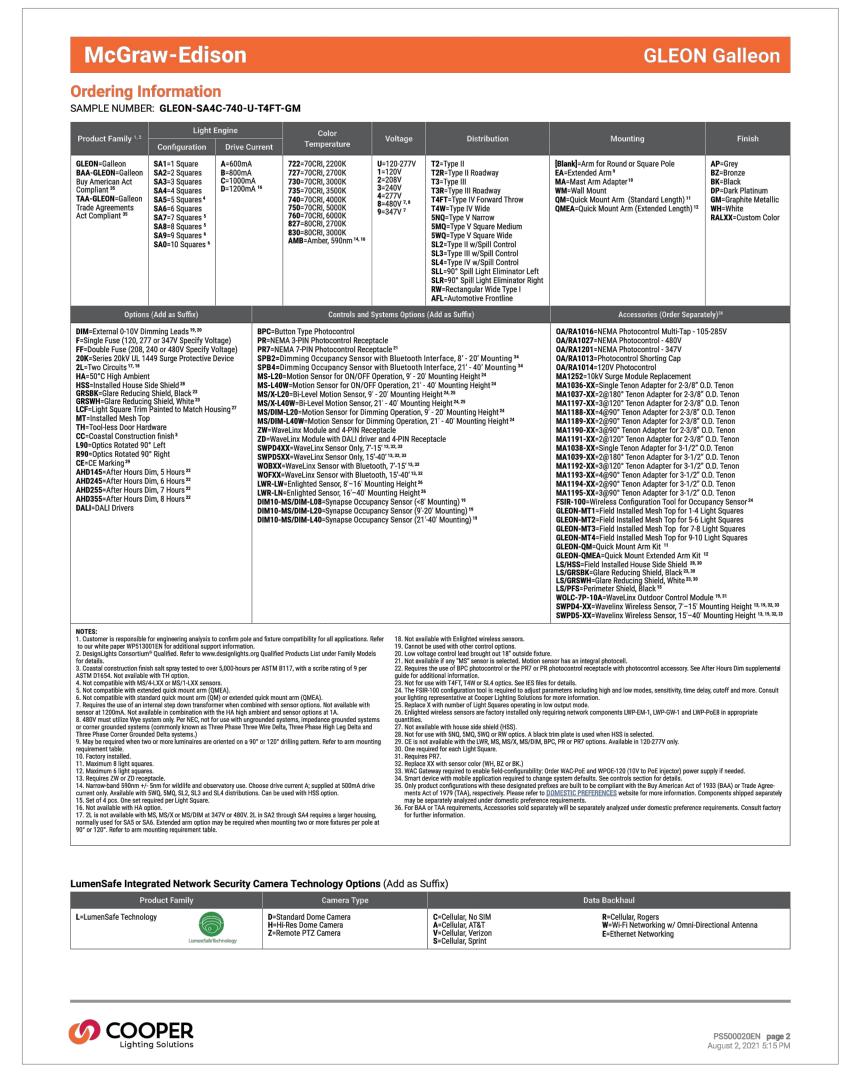
LANDSCAPE PLAN permit 8 FEBRUARY 2022

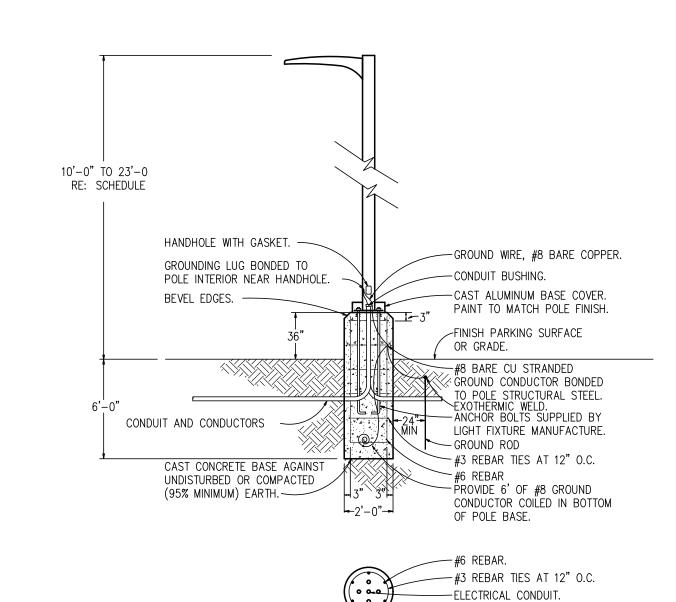


RELEASED FOR



* OR PRIOR APPROVED EQUAL







-ANCHOR BOLTS BY LIGHT FIXTURE MANUFACTURE.

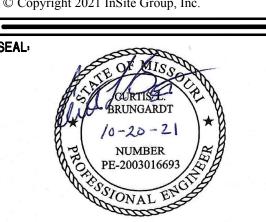
	MANUFACTURER						LAMP		DRIVE CURRENT		WATTS	
MARK	*	FIXTURE DESCRIPTION	MODEL NUMBER	MOUNTING	COLOR	QTY	TYPE	CODE	(QUANTITY/TYPE)	VOLTS	(PER/POLE)	NOTES
PL3	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 23FT ABOVE FINISHED GRADE, 20FT ALUMINUM POLE WITH VIBRATION 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 D	ATE:	10/20/20
REASON	FOR ISSUE:	ZONII

REASON FOR ISSUE:ZONINGPROJECT NUMBER:20-6828-0PROJECT PHASE:SDDRAWN BY:AWNCHECKED BY:CLB	ISSUE DATE:		10/2	0/2021
PROJECT PHASE: SD	REASON FOR	ISSUE:	Z	ONING
	PROJECT NUM	IBER:	20-6	3828-0
DRAWN BY: AWN CHECKED BY: CLB	PROJECT PHA	SE:		SD
	DRAWN BY:	AWN	CHECKED BY:	CLB

SHEET TITLE:
LIGHTING
SCHEDULES AND
DETAILS
SHEET NUMBER:

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