

# **RANGE** USA

# RANGE USA INDOOR GUN RANGE

9100 Veterans Memorial Parkway O'Fallon, Missouri 63366

PREPARED FOR:

PREPARED BY:

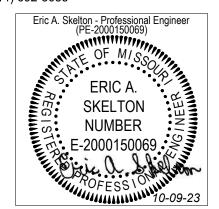
## PRIMAX PROPERTIES, LLC

1100 E. Morehead Street Charlotte, NC 28204-2815



**ENGINEERS • SURVEYORS • PLANNERS** 2268 WELSCH INDUSTRIAL COURT ST. LOUIS, MISSOURI 63146 (314) 692-8888 FAX: (314) 692-8688

THE EXISTING SEWER LENGTHS, SIZES, FLOW LINES, DEPTH OF STRUCTURES & SEWERS AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED CONDITIONS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF FINAL MEASUREMENT PLANS. SINCE THE PROFILE UTILITY LOCATIONS HAVE BEEN PLOTTED FROM INFORMATION PROVIDED BY THE SEWER CONTRACTOR OR OTHER SOURCES, I DISCLAIM ANY RESPONSIBILITY FOR THAT SPECIFIC INFORMATION



MAP NUMBER 29183C0240G, AND FLOOD INSURANCE RATE MAP (COMMUNITY PANEL NUMBER CURRENT FLOOD INSURANCE RATE MAPS FOR THIS AREA. AND SHOULD NOT BE CONSTRUED AS A

WE HAVE EXAMINED FLOOD INSURANCE RATE MAPS (COMMUNITY PANEL NUMBER 290316-0240-G

4. ALL HVAC AND MECHANICAL UNITS ON SITE SHALL BE PROPERLY SCREENED AS REQUIRED BY CITY CODE 400.278. ROOFTOP UNITS SHALL BE SCREENED BY A PARAPET WALL AT LEAST AS HIGH AS 5. ALL SIGNAGE SHALL BE APPROVED THROUGH PLANNING AND DEVELOPMENT VIA A SEPARATE PERMITTING PROCESS. ANY SIGNS SHOWN ON THIS SITE DEVELOPMENT PLAN ARE NOT A PART OF

7. EXISTING ZONING = C-2

8 PROPOSED ZONING = I-9. <u>DEVELOPER:</u>

1100 EAST MOREHEAD STREET CHARLOTTE, NC 28204 10. <u>OWNER:</u> PRIMAX PROPERTIES, LLC 1100 EAST MOREHEAD STREET

CHARLOTTE, NC 28204

11. PROPOSED SITE COVERAGES:
TOTAL SITE AREA = 2.92 ACRES (LOT 2A=2.32 AC., LOT 2B = 0.60 AC.) TOTAL DISTURBED: 1.67 AC (LOT 2A=1.77 AC., LOT 2B = 0.15 AC., R/W=0.19 AC.)

FREATMENT WILL BE INSTALLED WITH THIS PROJECT

0.34 AC (11.6% OF TOTAL SITE) LOT 2A=0.34 AC.(14.7% of 2A), LOT 2B = 0 AC (0% of 2B) PAVEMENT AREA: (40.1% OF TOTAL SITE) LOT 2A=1.04 AC.(44.8% of 2A), LOT 2B = 0.06 AC (10% of 2B) 1.44 AC (48.3% OF TOTAL SITE) LOT 2A=0.94 AC.(40.5% of 2A), LOT 2B = 0.54 AC (90% of 2B)

12. EXISTING BUILDING SETBACKS LOT 2B (C-2 GENERAL BUSINESS ZONING DISTRICT): FRONT YARD: NOT LESS THAN TWENTY-FIVE (25) FEET. SIDE YARD: NO SIDE YARD IS REQUIRED EXCEPT THAT WHERE A SIDE LINE OF A LOT IN THIS DISTRICT ABUTS THE SIDE LINE OF A LOT IN ANY RESIDENTIAL OR OFFICE DISTRICT, A SIDE YARD SHALL THEN BE PROVIDED THE SAME AS REQUIRED IN THE DISTRICT IT ABUTS. A SIDE YARD OF NOT LESS THAN TWENTY-FIVE (25) FEET SHALL BE PROVIDED ON THE STREET SIDE OF A CORNER LOT. REAR YARD: NO REAR YARD IS REQUIRED EXCEPT THAT WHERE A REAR LINE OF A LOT IN THIS

DISTRICT ABUTS LOTS ZONED RESIDENTIAL OR OFFICE A REAR YARD OF NOT LESS THAN TEN (10)

13. PROPOSED BUILDING SETBACKS LOT 2A (I-1 LIGHT INDUSTRIAL ZONING DISTRICT): FRONT YARD: NOT LESS THAN THIRTY (30) FEET. SIDE YARD: LEAST WIDTH OF EITHER YARD SHALL NOT BE LESS THAN TWENTY (20) FEET, EXCEPT IN THE CASE OF A CORNER LOT OR PARCEL WHERE THE SIDE YARD ON THE ROAD OR STREET SIDE SHALL NOT, BE LESS THAN THIRTY (30) FEET REAR YARD: NOT LESS THAN THIRTY-FIVE (35) FEET.

14. PROPOSED BUILDINGS: INDOOR GUN RANGE:

GROSS SQUARE FOOTAGE INDOOR GUN RANGE = 14,989 SF GROSS (14,643 SF INTERIOR) BUILDING HEIGHT = 21'-4" HOURS OF OPERATION: 10AM-7PM SUNDAY-THURSDAY, 10AM-8PM FRIDAY-SATURDAY.

15. PARKING MINIMUM REQUIREMENT CALCULATIONS: REQUIRED: 1 SPACE PER 250 SQ.FT. OF FLOOR AREA 14,643 SQ. FT. / 250 SQ. FT. = 58.6 = 59 SPACES REQUIRED

PROVIDED = 85 SPACES (INCLUDES 4 ADA)

16. BICYCLE PARKING MINIMUM REQUIREMENT CALCULATION:
1 BIKE SPACE PER 15 PARKING SPACES (4 MINIMUM PER BUILDING) REQUIRED = (86 SPACES) / 15 = 5.7 = 6 BIKE SPACES

PROVIDED = 3 BIKE RACKS (6 BIKE SPACES)



size, type, number of, or location of these facilities, structures,

The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, & utilities, either shown or not shown on these plans. The underground facilities, structures, & utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage

PRINTED ON 24" x 36" SHEET

The original signed and sealed of this drawing is on file at the office of The Clayton Engineering Company. Any modifications to this drawing shall release said The Clayton Engineering Company, the Engineer and/or Surveyor whose seal appears hereon from any liability resulting from said unauthorized modifications. The signed and sealed original is the official document and shall take precedence over any digital version.

# Drawing Index

SHEET INDEX COVER SHEET UTILITY PLAN C5.0SEWER PROFILES

STORMWATER MANAGEMENT FACILITIES 1 (HDS UNIT, AND DETENTION METERING STRUCTURE)

CONCEDITOTION DETAIL CA CONCEDITORION DETAILS 2 CONCEDITOTION DETAILS CONCEDITORION DETAILS

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\* City of O'Fallon Construction work hours per City Ordinance 3429 as shown in Section 500.420 of the Municipal Code of the City of O'Fallon are as follows:

October 1 through May 31 7:00 A.M. To 7:00 P.M. Monday Through Sunday June 1 Through September 30 6:00 A.M. To 8:00 P.M. Monday Through Friday 7:00 A.M. to 8:00 P.M. Saturday and Sunday

\* The area of this phase of development is 0.83 Acres The area of land disturbance is 2.19 Acres Number of proposed lots is 2

\* Tree preservation calculations (See Landscape Plan)

Site Benchmark

TBM#655

NAVD88 Elev.=626.67 FtUS "O" in Open on fire Hydrant in

Northwest corner of property

## Conditions of Approval From Planning and Zoning

ON JANUARY 6, 2022, THE PLANNING AND ZONING COMMISSION APPROVED AN AMENDED SITE PLAN, CONDITIONAL USE PERMIT, AND REZONING FOR (21-010865 REQUEST FOR CONSIDERATION AND MOTION FOR ACTION ON A SITE PLAN FOR PROPERTY LOCATED ON VETERANS MEMORIAL PARKWAY NORTH OF THE JEWEL APARTMENTS - TIGER HOLDINGS XI, LLC, PROPERTY OWNER - PRIMAX PROPERTIES CONTRACT PURCHASER - PROPOSED USE: INDOOR FIRING RANGE WITHIN THE I-1 LIGHT INDUSTRIAL DISTRICT.

THE APPROVAL IS CONDITIONAL UPON THE FOLLOWING STAFF RECOMMENDATIONS

### CONDITIONAL USE PERMIT ITEMS

- THE HOLDER OF THIS CONDITIONAL USE PERMIT SHALL BE AND REMAIN FULLY LICENSED WITH THE STATE OF MISSOURI AND THE CITY OF O'FALLON. BOTH LICENSES SHALL REMAIN IN GOOD STANDING THROUGHOUT THE TERM OF THIS CONDITIONAL USE PERMIT.
- THIS CONDITIONAL USE PERMIT IS GRANTED SOLELY TO THE OWNER OF RANGE USA. SHOULD OWNERSHIP TRANSFER IN THE FUTURE, THE NEW OWNER SHALL BE REQUIRED TO APPLY FOR A TRANSFER OF A CONDITIONAL USE PERMIT THROUGH THE PLANNING AND DEVELOPMENT DEPARTMENT.
- THIS CONDITIONAL USE PERMIT SHALL BE REVOKED UPON: I) BREACH OR FAILURE TO COMPLY WITH THE CONDITIONS OF THIS PERMIT, II) DISCIPLINARY ACTION OR OTHER ACTION AFFECTING THE STATUS OF THE HOLDER'S STATE OR CITY LICENSES. AND III) AS OTHERWISE PROVIDED BY ORDINANCE OR OTHER APPLICABLE LAW.
- THE OCCURRENCE OF ACTIVITIES WHICH ARE DEEMED TO DISTURB THE PEACE IS DEFINED IN TITLE II. PUBLIC HEALTH, SAFETY AND WELFARE OF THE MUNICIPAL CODE SHALL PROMPT THE CITY TO REVOKE THE CONDITIONAL USE
- SHOULD THE CONDITIONAL USE CEASE OPERATIONS FOR A PERIOD OF ONE (1) YEAR, THE CUP SHALL BE REVOKED. PROVIDE INFORMATION REGARDING THE SOUND DAMPENING. THE FIRING RANGE SHALL NOT PRODUCE ANY NOISE BEYOND THEIR PROPERTY LINE THAT
- WOULD BE DEEMED A NUISANCE PER CODE SECTION 220.020(A)(13) THE APPLICANT MUST ADHERE TO ALL APPLICABLE STATE AND FEDERAL
- REGULATIONS CONCERNING THE SALE OF FIREARMS. THE APPLICANT SHALL DISCUSS THE PROPOSED SECURITY MEASURES WITH CHIEF NESKE IN THE POLICE DEPARTMENT PRIOR TO INSTALLATION. ADDITIONAL SECURITY MEASURES MAY BE REQUIRED. INCLUDING:
- INSTALLING A 24-HOUR MONITORED SECURITY SYSTEM WITH MOTION ALARMS, GLASS BREAK ALARMS, AND STROBES AND SIRENS ON THE EXTERIOR PORTION •• INSTALLING COMMERCIAL GRADE SECURITY CAMERA SYSTEM COVERING ALL
- ANGLES OF THE EXTERIOR OF THE BUILDING AS WELL AS THE INTERIOR OF THE • SECURING ALL OF THE WINDOWS WITH COMMERCIAL GRADE SECURITY FILM AND
- .. THE INTERIOR OF THE UNIT WILL CONTAIN SECURITY GATES AS AN ADDITIONAL PREVENTATIVE MEASURE IF A BREAK IN OCCURS.

### SITE PLAN ITEMS:

- SHOW THE FALL ZONE OF THE BILLBOARD. THE FALL ZONE IS CALCULATED AS
- THE HEIGHT OF THE BILLBOARD PLUS 10 FEET. ANY ROOFTOP MECHANICAL UNITS SHALL BE PROPERTY SCREENED PER CODE SECTION 400.278.
- WHEN LOT 2B DEVELOPS A SIDEWALK WILL BE REQUIRED ALONG THE DRIVE AISLE TO THE APARTMENTS.
- PROVIDE DETENTION AND WATER QUALITY FOR LOT 2B IN THE BASIN. THE DETENTION BASIN/WATER QUALITY AREA WILL NEED TO BE DESIGNED FOR THE 100-YEAR/20-MINUTE STORM.
- PROVIDE TRAIL AND SIDEWALK DETAILS. REDUCE THE LIGHTING VALUES ON THE PHOTOMETRIC LIGHTING PLAN TO BE
- BETWEEN 0.4 AND 0.7 FOOT CANDLES AT THE PROPERTY LINE. 7. PROVIDE THE OVERALL HEIGHT OF THE BUILDING.

**ASBUILTS 10/09/23** 

PRIMAX PROPERTIES, LLC 1100 EAST MOREHEAD STREET

PROPERTY OWNER PRIMAX PROPERTIES, LLC 1100 EAST MOREHEAD STREET

CHARLOTTE, NC 28204

CIVIL ENGINEERING COMPANY: THE CLAYTON ENGINEERING CO., INC. 2268 WELSCH INDUSTRIAL COURT ST. LOUIS, MO 63146

CHARLOTTE, NC 28204

I-1 "LIGHT INDUSTRIAL DISTRICT"

SITE ADDRESS: 15 CASTLE LANE

PARCEL I.D. NUMBER: 2-0141-D020-00-0002.000000

314-692-8888

Double Catch Basin

Flow Line

Gas Valve

Now or Formerly

Old Iron Pipe

Property Line

Right of Way

Water Valve

Polyvinyl Chloride P

Underground Electri

Underground Fiber Optic

Reinforced Concrete Pi

High Density Polyethylene

Overhead Electric or Wires

## **Utility Contacts**

Sanitary Sewers City of O'Fallon 100 N. Main St. O'Fallon, MO. 63366 636-240-2000

City of O'Fallon Water District 100 N. Main St. O'Fallon, MO. 63366 636-240-2000 Storm Sewer

City of O'Fallon 100 N. Main St. O'Fallon, MO. 63366 636-240-2000

City of O'Fallon Contact Information:

Water Main Locates: 636-281-2858 Sanitary Sewer Locates: 636-281-2858 Storm Sewer Locates: 636-281-2858 Traffic Locates: 636-379-5602 Engineering Division: 636-379-5556

Construction Inspection Division: 636-379-5596

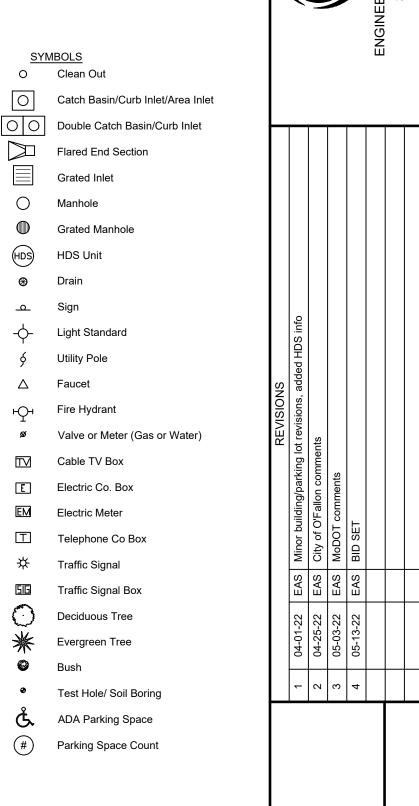
CITY OF O'FALLON ENGINEERING DEPARTMENT ACCEPTED FOR CONSTRUCTION

BY: <u>Karl Ebert</u> DATE <u>10/09/2023</u>

PROFESSIONAL ENGINEER'S SEAL INDICATES RESPONSIBILITY FOR DESIGN

SITE PLAN. CONDITIONAL USE PERMIT AND REZONING FOR (21-010865) REQUEST FOR CONSIDERATION AND MOTION FOR ACTION ON A SITE PLAN FOR PROPERTY LOCATED ON VETERANS MEMORIAL PARKWAY NORTH OF THE JEWEL APARTMENTS - TIGER HOLDINGS XI, LLC, PROPERTY OWNER - PRIMAX PROPERTIES, CONTRACT PURCHASER - PROPOSED USE: INDOOR FIRING RANGE WITHIN THE I-1 LIGHT INDUSTRIAL DISTRICT.

VETERANS MEMORIAL PARKWAY **LOCATION MAP** 



C-2 "GENERAL BUSINESS DISTRICT SCHOOL DISTRICT: FORT ZUMWALT SCHOOL DISTRICT

Spire Gas 6400 Graham Road St. Louis, MO. 63134 314-522-2297

<u>Telephone</u> Lumen 1 Solutions Pkwy Town and Country, MO. 63017 636-237-6750

Fire District O'Fallon Fire Protection District 111 Laura K. Drive O'Fallon, MO 63366

636-272-3493 <u>Electric</u> Ameren Missouri 200 Callahan Road

Wentzville, MO. 63385 636-639-8312

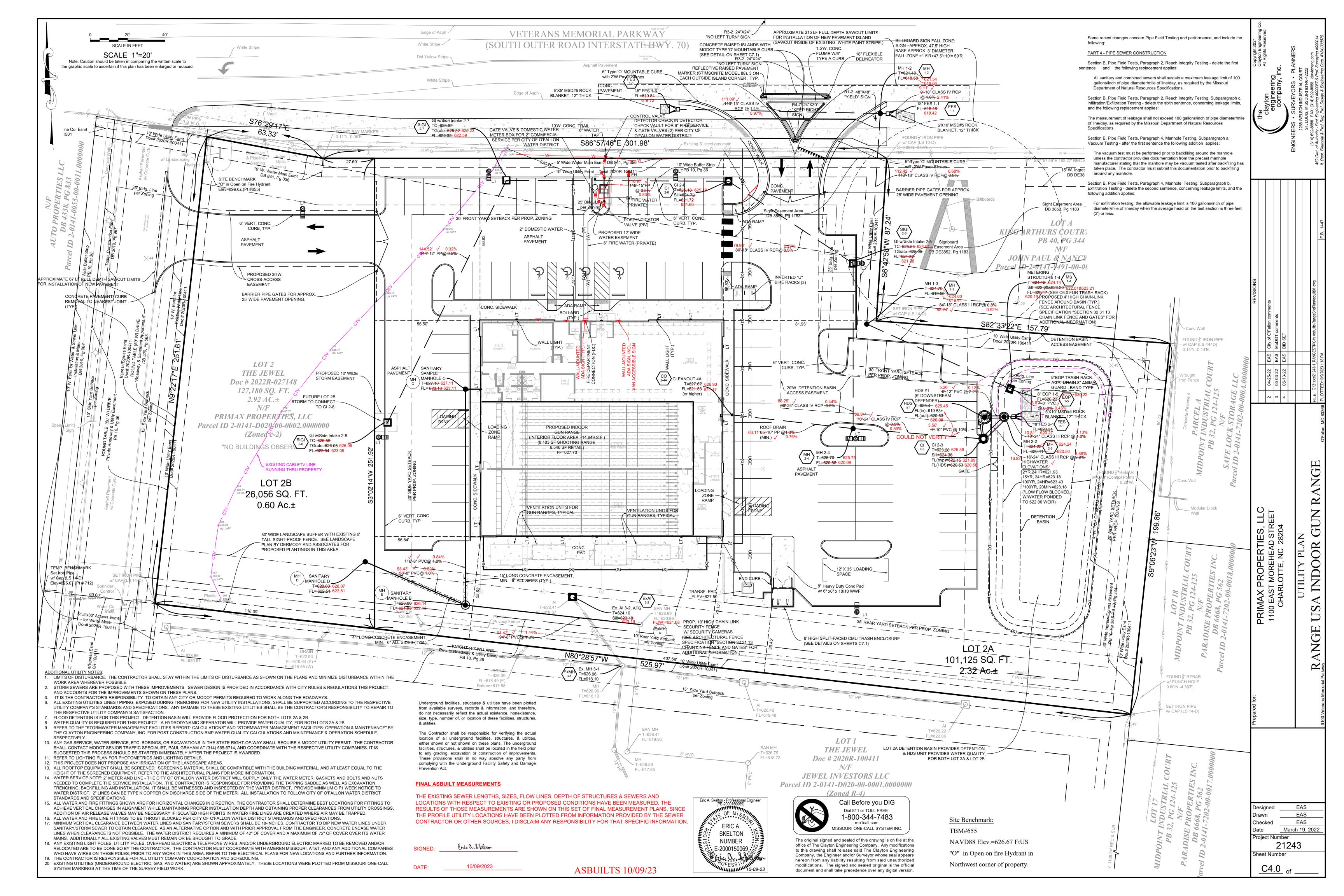
PLANNING AND ZONING COMMISSION APPROVAL DATE - FEBRUARY 24, 2022 FOR A

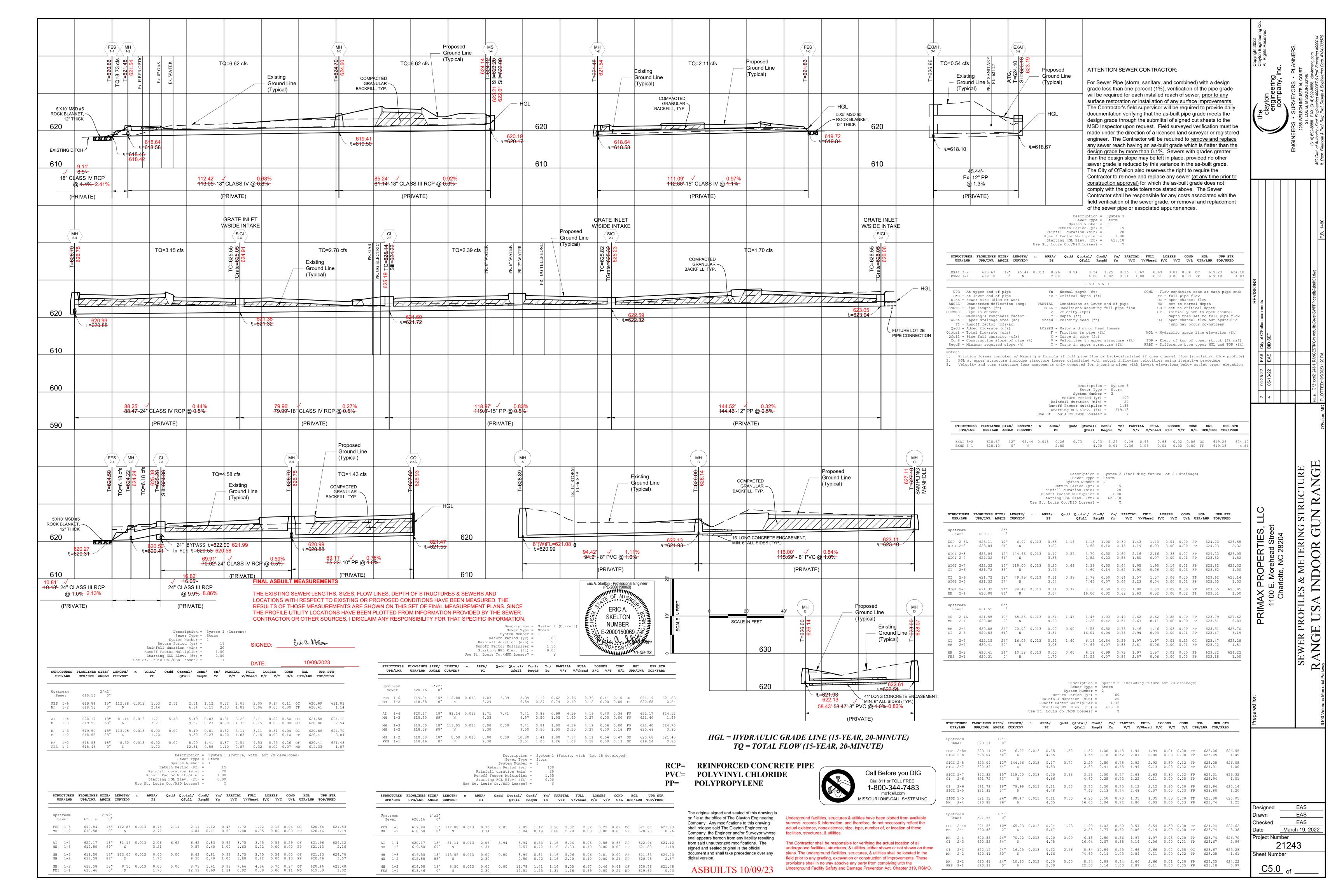
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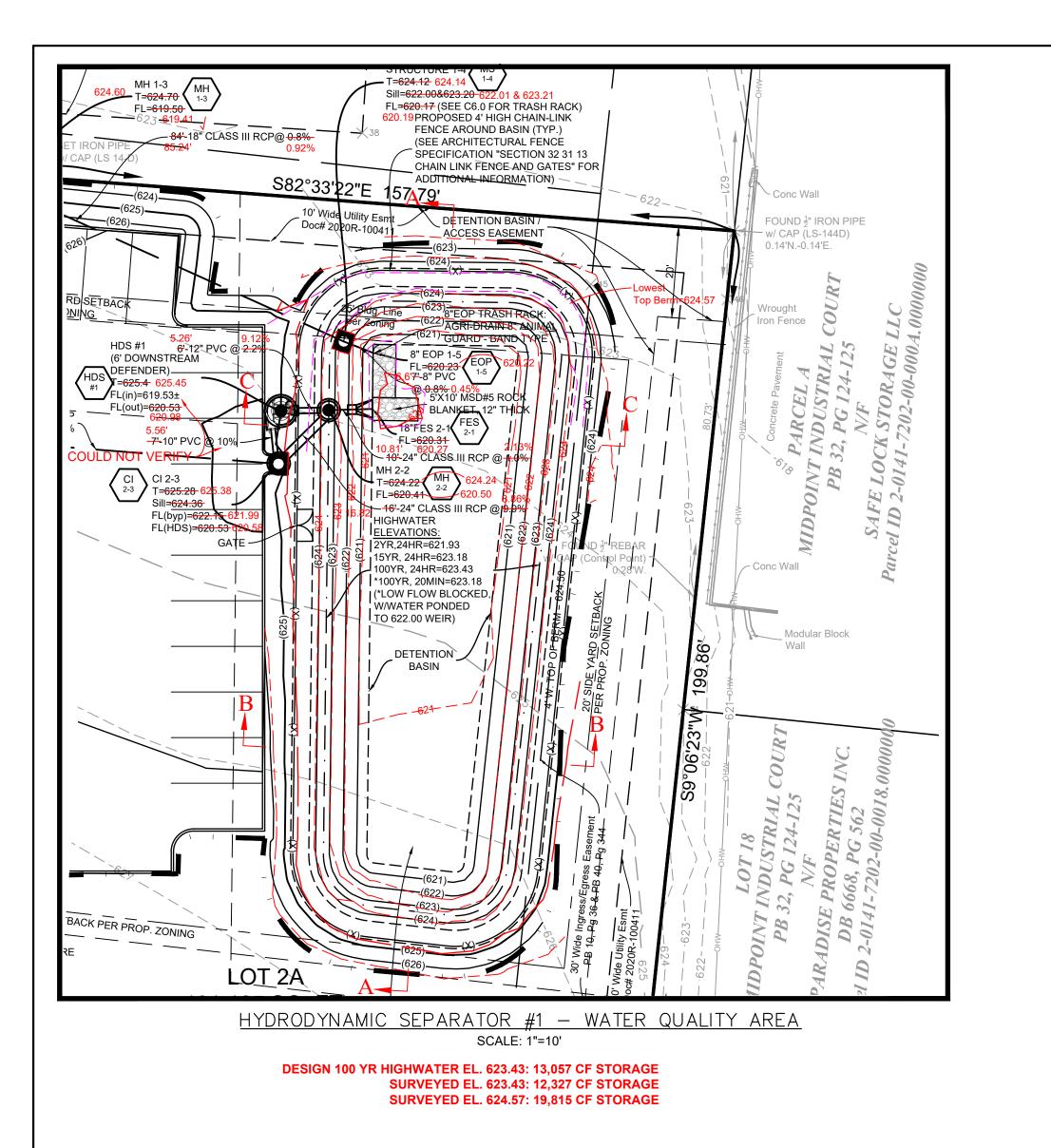
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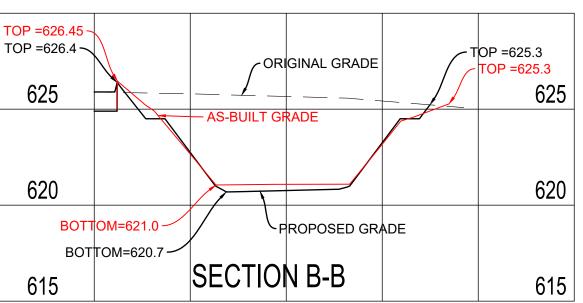
Designed

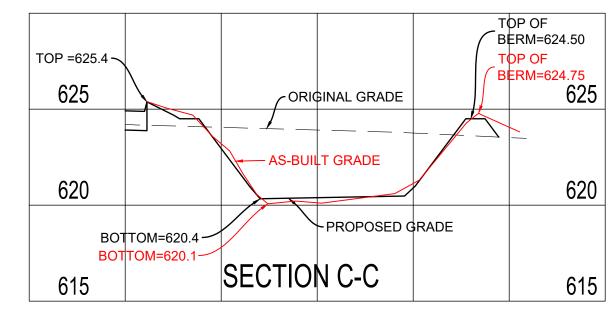


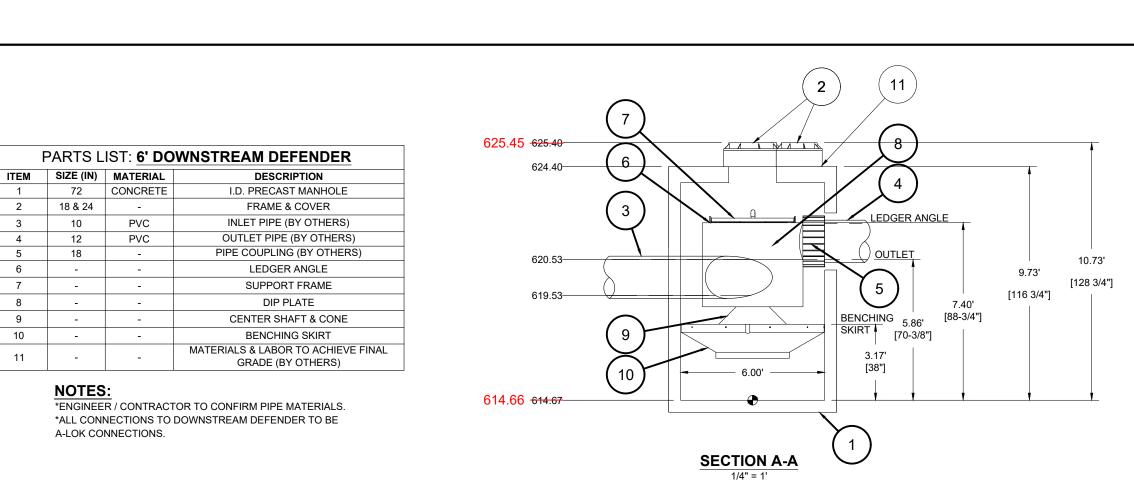


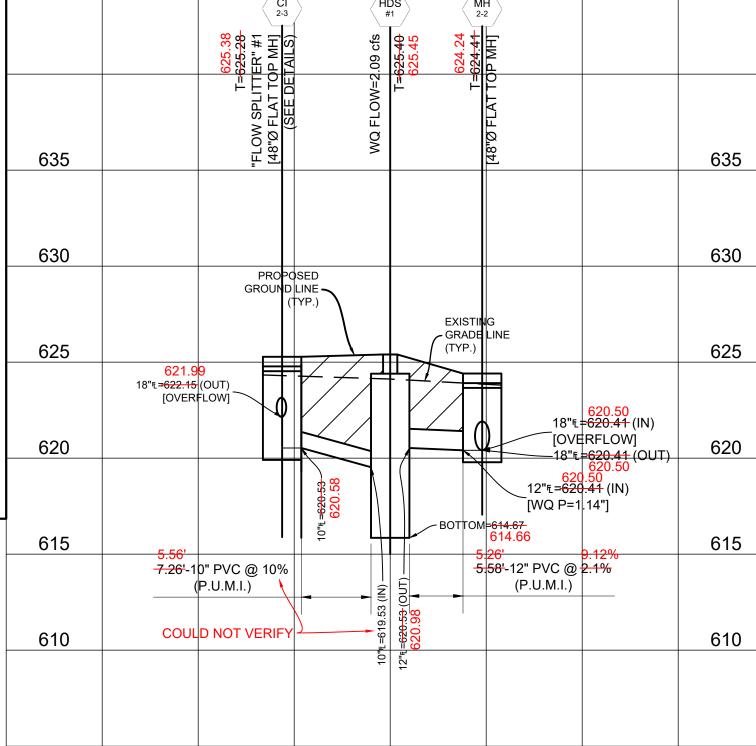


- TOP OF BERM=624.50 TOP =626.7 — TO₱ =626.7 — ORIGINAL GRADE BERM=624.80 TOP OF BERM=624.50 ~ ∽PROPOSED GRADE BOTTOM=620.3 -BOTTOM=620.2





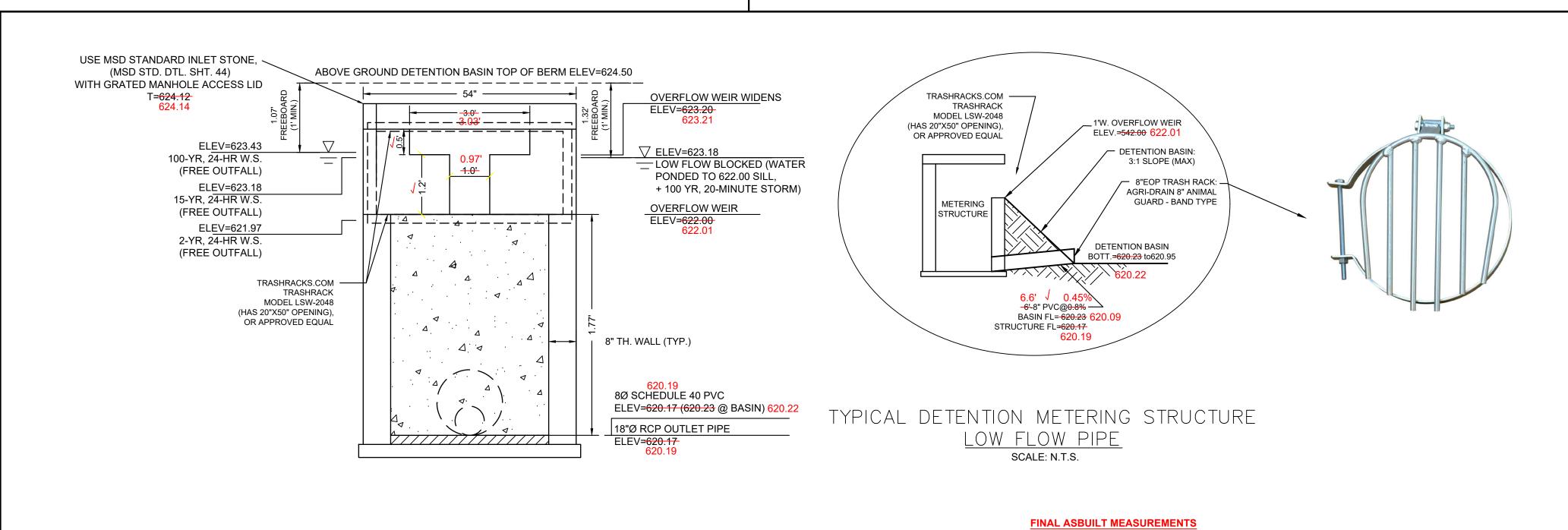


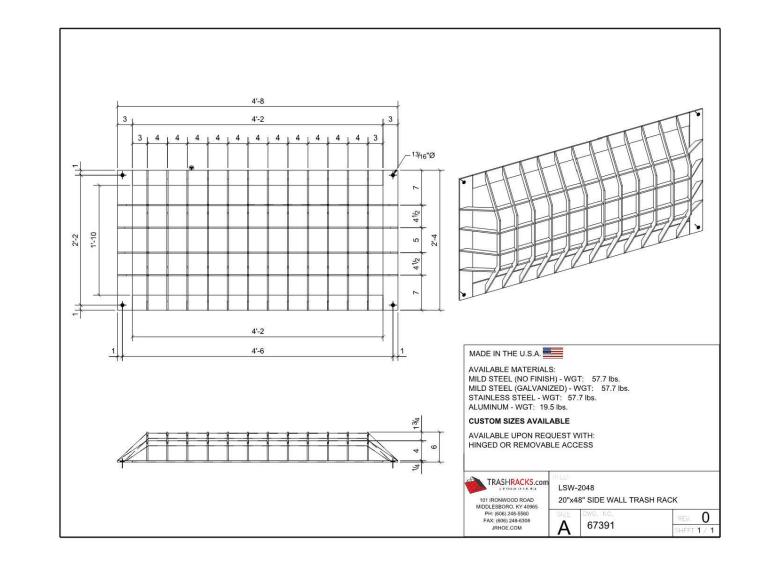


<u>HDS UNIT NOTES:</u>1. HDS UNIT = HYDRODYNAMIC SEPARATOR UNIT (WATER QUALITY PROPRIETARY DEVICE) THE PIPE SLOPES IN AND OUT OF THE HYDRODYNAMIC SEPARATOR ARE CALCULATED BASED ON THE DISTANCE BETWEEN THE INSIDE OF A 48" (I.D.) STRUCTURE (CI 2-3) AND THE INTAKE CONNECTION POINT OF THE HDS UNIT, AND BETWEEN THE DISCHARGE CONNECTION POINT OF THE HDS UNIT AND INSIDE OF A 48" (I.D.) STRUCTURE (CI 2-2). THE PIPE SLOPES ARE THE CRITICAL FACTOR FOR INSTALLATION, AS THIS GENERATES THE PROPER FLOW RATE TO TREAT THE WATER QUALITY DESIGN STORM. THESE PIPES MUST BE INSTALLED AT THE LISTED SLOPE. SHOULD A DIFFERENT DIAMETER (+ / -) STRUCTURE BE REQUIRED FOR CI 2-3, THEN THE DESIGN WILL BE REVIEWED BY THE PROJECT ENGINEER AFTER THE CONTRACTOR SUPPLIES SHOP DRAWINGS. NO STORM STRUCTURE FABRICATION SHALL OCCUR PRIOR TO SHOP DRAWING APPROVAL

### **HDS UNIT #1 PROFILE VIEW**

SCALE H: 1"=10' SCALE V: 1"=5'





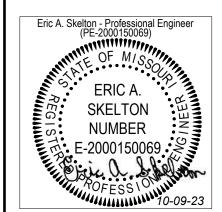
# USE A MODIFIED MSD AREA INLET PRECAST CONCRETE (MSD STD. DTL. SHT. 34)

REINFORCED CONCRETE METERING STRUCTURE (MS 1-4) SCALE: N.T.S.

(OPEN 1 SIDE - EAST SIDE ONLY)

THE EXISTING SEWER LENGTHS, SIZES, FLOW LINES, DEPTH OF STRUCTURES & SEWERS AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED CONDITIONS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF FINAL MEASUREMENT PLANS. SINCE THE PROFILE UTILITY LOCATIONS HAVE BEEN PLOTTED FROM INFORMATION PROVIDED BY THE SEWER CONTRACTOR OR OTHER SOURCES, I DISCLAIM ANY RESPONSIBILITY FOR THAT SPECIFIC INFORMATION

Eric a. Spelton 10/09/2023



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Underground facilities, structures & utilities have been plotted from available surveys, records & information, and therefore, do not necessarily reflect the actual existence, nonexistence, size, type, number of, or location of these facilities, structures,

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EAS Checked March 19, 2022 Project Number 21243 heet Number

Designed

EAS

EAS