

#### SITE DATA

SITE DESIGN CATEGORY UDO 18.15.105 SITE DESIGN CATEGORY 1

> ~10,000 SF (11.5%) 28,252 SF (32.4%) EXISTING: PROPOSED:

BUILDING BUILDING AREA: FIRST FLOOR GSE

7,246 SF 7,721 SF SECOND FLOOR GSI TOTAL GSF FLOOR AREA RATIO (FAR) 0.08:1

PARKING PROVIDED: ANA ACCESSIBLE DECLIDED/DDOWIDED

ZONING EXISTING ZONING PROPOSED ZONING

AG (Agricultural) AG - Public Safety Facility Permitted Lise

DIMENSIONAL STANDARDS SET-BACK FOR PARKING/PAVING

30 FEET from STREET ROW 10 FEET from PROPERTY LINES

16 enance /2 Public 14 Secured)

1 van accessible snace

#### FLOOD PLAIN NOTE:

THIS PROPERTY LIES WITHIN ZONE X. AREAS OF MINIMAL FLOOD HAZARD, AS SHOWN ON THE THIS PROPERTY LILES WITHIN ZONE X, AREAS OF PUBLIFIED LICOUS INCURENCE, AS SHOWN ON THE

MAP NUMBER: 20091C0063G PANEL NO. 63 OF 161 EFFECTIVE DATE: AUGUST 3, 2009

THIS STATEMENT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHALL IN NO WAY CONSTITUE A BASIS FOR A FLOOD CERTIFICATE. THIS INFORMATION WAS DETERMINED BY SCALING THE SUBJECT PROPERTY ON THE ABOVE REFERENCED MAP.

### OWNERSHIP:

MOST RECENT DEED OF RECORD: TRUSTEE'S DEED FILED JANUARY 24, 2019, DOCUMENT NO. 20190124-0005070, IN BOOK 201901 AT PAGE 005070.

#### PROPERTY DESCRIPTION:

(AS FOUND ON DOCUMENT NO. 20190124-0005070)

(AS COUNT ON DOLOMENT IN JUSTICE-GOODS)

ALL THAT PART OF THE SOUTHEAST CAURTER OF SECTION 11, TOWNSHIP 13 SOUTH, RANGE 23 EAST,
SIXTH PAN. CITY OF OLATHE, DOWNSON COUNTY, KANSAS DESCRIBED AS FOLLOWS: COMPRINKING AT
THE SOUTHEAST COUNTRY OF THE CENTRY OF THE SOUTHEAST COUNTRY, KANSAS AS KON OF STRAILINGS PHATE ROWN OF THE SOUTHEAST COUNTRY, AND STANDARD OF THE SOUTHEAST COUNTRY ALONG SAID NORTH RIGHT OF WAY LINE, A DISTANCE OF 300.00 FEET TO THE POINT OF BEGINNING EXCAPT THAT PART IN ROAD.

#### SITE ADDRESS:

NO SITE ADDRESS ASSIGNED.

#### **GENERAL NOTES:**

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2. ALL NEW ON-SITE WINKE AND CREET

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3. ALL ABOVE GROUND ELECTRICAL AND/OR TREEPHOVE CARRIETS MUST BE PLACED WITHIN THE

MITEDIA SIDE OR ROBA BUILDING SETBACK VIADO.

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OTHERWISE SECRED FROM PLACE VIADO OF SIDE OF SIDE OF SIDE OF VIADO OR

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### CONSTRUCTION NOTES

LAD FREE WITE-BORNE BHALISM MASED TRAFFIC PAINT FOR PARKING LOT STREET WHITE WAS THE CONCRETE; AND THE PAINT OF THE PAINT

PROPOSED FIRE LINE
PROPOSED TRANSFORMER W/CONCRETE PAD (~60" TALL)
PROPOSED STAND-BY GENERATOR W/CONCRETE PAD (~120" TALL)
PROPOSED TRASH ENCLOSURE (REF: ARCH PLANS)

CITY OF QUATHE COMMERCIAL DRIVE ENTRANCE (SD-21-11)

PROPOSED CROSSWALK

PROPOSED CROSSWALK EXISTING FENCE TO REMAIN (2 STRAND BARBED WIRE) PROPOSED SECURITY FENCE (6-FT AMERISTAR ALUMINUM FENCE)

PROPOSED DOUBLE-SWING SECURITY GATE PROPOSED RETAINING WALL - QUARRY CUT LIMESTONE

## 000 DETAILS

SEE CONSTRUCTION DETAILS

- RIGHT-OF-WAY / INF

CONCRETE CURB A GUTTER; SEE LEGEND FOR TYPE FCC PAMPENT CONCRETE DUPSTER PAD STEEL CONCRETE ROLLAND SIDEWAK ARM PRINCIP SIDEWAK ARM PRINCIP SIDEWAK ARM PRINCIP (JAD) HANDLEY PRINCIP STRIPING (JAD) CONTROLLEY STRIPING

City of Olathe Case No. PR24-0010



OLATHE FIRE STATION NO. 9 No Site Address







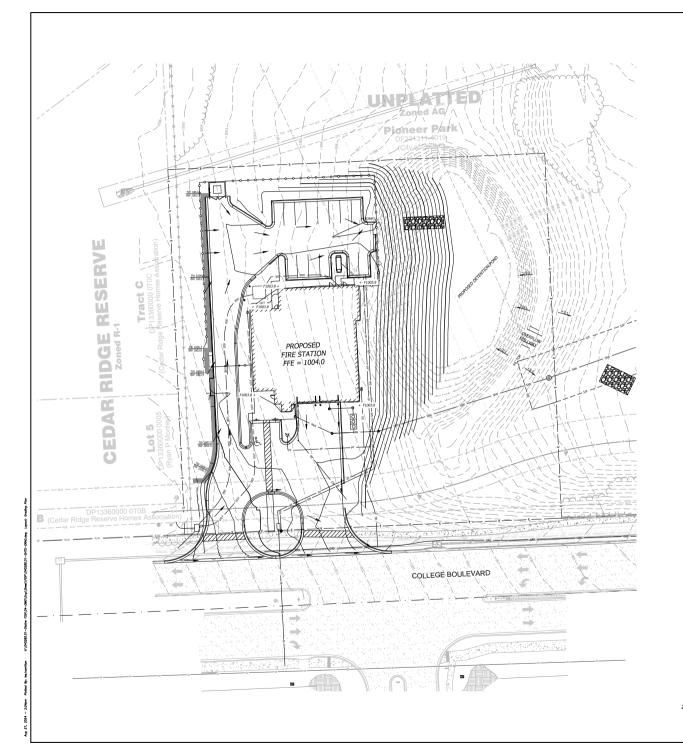






SITE PLAN

C1.01



#### PROPOSED DETENTION POND

POND VOLUME:
WATER CULALITY VOLUME RECUIRED [WOY] = 5,5000 CF
STORM DETENTION VOLUME RECUIRED [1% ACE] = 15,000 CF
SEDMENTATION VOLUME #2,005 = 4,100 CF
TOTAL DETENTION POND VOLUME RECUIRED 24,600 CF

POND DESIGN:
BOTTOM OF POND - 984
HIGH WATER ELEVATION 986.5
STORAGE VOLUME AT HIGH WATER ELEVATION 25,00 CF
TOP EASTING DAM - 994
TOE OF EXISTING DAM - - 983

#### **GRADING NOTES**

- Contractor shall obtain a copy of the <u>Geotechnical Services Report</u> for the project and be familiar with the existing conditions and recommendations contained in the report if such a report has been prepared.
- Contractor is responsible for any over excavation of existing unsuitable soils will be required under building and pavement areas. Contractor shall perform over excavation of unsuitable soils as a part of this work.
- Contractor shall obtain soils suitable as structural fill from off-site sources. All borrow materials must be tested and approved by the Geotechnical Engineer prior to importing the soils to the project site.
- Contractor shall operate under the terms and permits included in the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project and permitted through the State of Missouri. Contractor shall employ a qualified person to conduct regular impections of the site erosion control measures and document such inspections in the SWPPP document maintained by the Contractor.
- All topsoil, vegetation, root structures, and deleterious materials shall be stripped from the ground surface prior to the placement of embankments. Contractor shall obtain the on-site geotechnical representative's acceptance of the existing ground surface materials and the proposed fill material prior to the placement of the
- All proposed contour lines and spot elevations shown are finish ground elevations. Contractor shall account for pavement depths, building pads, topsoil, etc when grading the site.
- All disturbed areas that are not to be paved (green spaces) shall be finish graded with a minimum of six inches of
- 8. All excavation and embankments shall comply with the recommendations provided by the geotechnical engineer.

# **BENCHMARKS**

(DATUM: NAVD88)

BENCHMARK NUMBER: 558 ELEVATION= 995.61

CHISELED SQUARE CUT ON TOP OF CURB, NORTH SIDE OF MEDIAN, WHERE CURB AND CONCRETE FOR NOSE MEDIAN MEET, LOCATED 69.50' EAST OF CP#10.

SEE SHEET GO.01

# **GRADING LEGEND**

980	FINISH GRADE MAJOR CONTOURS		TYPE A ROLL-BACK CURB & GUTTER (SD 21-1)
982	FINISH GRADE MINOR CONTOURS  EXISTING GRADE MAJOR CONTOURS		TYPE B STRAIGHT BACK CURB & GUTTER (SD 21-2)
982	EXISTING GRADE MINOR CONTOURS	***************************************	TYPE C CURB & GUTTER (SD 21-3 - COMMERCIAL DRIVE)
	PROPERTY LINE		APWA TYPE CG-1 DRY (STRAIGHT BACK DRY CURB & GUTTER)
	RIGHT-OF-WAY LINE		ZERO HEIGHT CURB (CONCRETE RIBBON)
			TRANSITION CURB
			RETAINING WALL





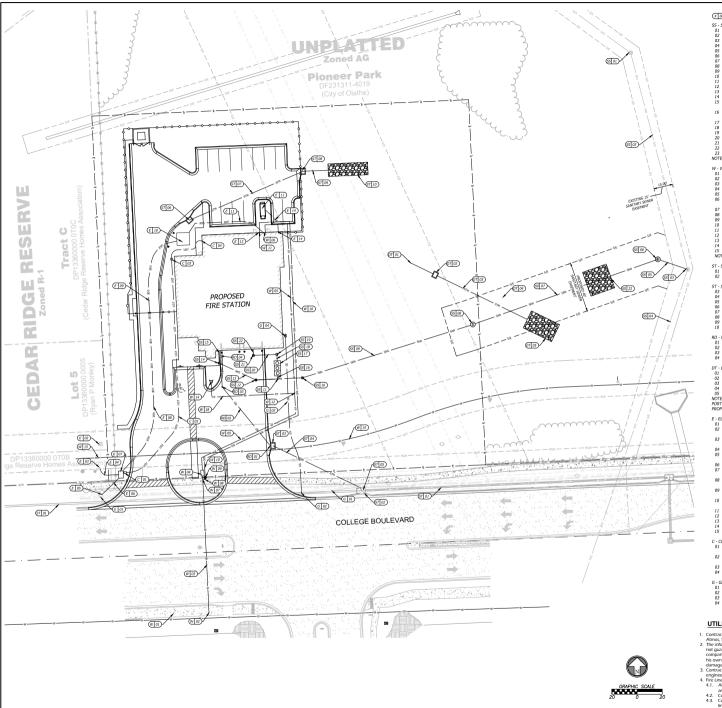
OLATHE FIRE STATION NO. 9 No Site Address





GRADING PLAN

C1.02



#### (A)(W) CONSTRUCTION NOTES

COOS TRUCTION NOTES

S-MANTARY SEVER INFORMATION - JOHNSON COUNTY WASTEWATER (DCW)

EXISTING MANNOLE - NCW MCNI(72)114

EXISTING MANNOLE - NCW MCNI(72)114

EXISTING WANNOLE - NCW MCNI(72)115

EXISTING WANNOLE - NCW WANNOLE - N

INSTALL CLEAN-OUT W/TRAFFIC RATED LID INSTALL 32 LF OF 6" PVC SERVICE LINE

INSTALL CLEAN-OUT
CONNECT SANITARY SEWER SERVICE LINE TO BUILDING, F/L SERVICE LINE = 998.0

(KEF: MEP PLANS)
INSTALL 4" PPC SAND-OIL SEPARATOR OUTLET LINE. CONNECT TO 6" SERVICE LINE
W/6" X 4" TEE

INSTALL 1000 GAL SAND-OU SEPARATOR (REF: MEP PLANS)

INSTALL 100 GEL SAMP-DIL SEPMATOR (REF. MEP PLANS)
INSTALL 1 100 GEL SAMP-DIL SEPMATOR INET LINE
INSTALL CERN-DUT
INSTALL
INSTA

NOTE: NEW SHALL MEST FAILS SHALL NEW A NO PERFORMENT SERVER EXCENSIONAL.

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INSTALL 80 LE OF 6" C900 PRIVATE FIRE LINE W/BEND and THRUST BOCKING

INSTALL FIRE HYDRANT (IN-LINE, END OF LINE)
EXISTING 48" PCCP WATER DISTRIBUTION MAIN

NOTE: 2" DOMESTIC WATER SERVICE LINE TO BE TYPE K COPPER OR DR9 CTS HDPE (BLUE)

#### ST - STORM SEWER INFORMATION - CITY OF OLATHE (PUBLIC)

01 EXISTING 15" HDPE STORM 02 EXISTING 6'x4' CURB INLET

ST - STORM SEWER INFORMATION - PRIVATE

ORM SEWER INFORMATION - PRIVATE
INSTALL NEW YOUR INLET
INSTALL NEW YOUR INLET
INSTALL NEW YOUR SERIES TO EXISTING CURB INLET
INSTALL NEW YOUR INLET
INSTALL NEW STORM SEWER
INSTALL NEW STORM SE

RD - ROOF DRAIN INFORMATION - PRIVATE

CONNECT ROOF DRAIN SYSTEM TO PROPOSED CURB INLET

CONNECT ROOF DRAIN SYSTEM TO PROPOSED CURB INLET

INSTALL CLEAN-OUT WITMAFFIC BEARING LID

INSTALL CLEAN-OUT WITMAFFIC BEARING LID

INSTALL CHAPPER CODE PRAIN SYSTEM AND CONNECT TO BUILDING (REF: MEP PLANS)

DT - DETENTION SYSTEM INFORMATION - PRIVATE

INSTALL PRIMARY OUTLET CONTROC, PRIVATE

INSTALL PRIMARY OUTLET CONTROC, PRIVATE

INSTALL PRIMARY OUTLET CONTROC, PRIVATE

OF INSTALL PRIMARY OUTLET CONTROC, STRUCTURE

OF CONSTRUCT DRIVAGENCY OVERFLOW SPILLWAY

OF INSTALL REPROPAGAMENT AGREEMENT WITH ADDIVING CHANDOWINER WILL BE REQUIRED FOR THAT

PRISTING OF THE DESTITION FOR OWN DESTITION FOR DESTITION OF SYSTEM LOCATED ON ADDIVING

F - FLECTRIC SERVICE INFORMATION - EVERGY

01 02

CTRIC SERVICE INFORMATION - EVERGY
EXISTING OVER THEAD UTILITIES, EXISTING POWER POLE
EXISTING OVER THEAD UTILITIES, EXISTING POWER POLE
EXISTING SINGLE-PHASE SECTIONALIZER TO REMAIN AND BE REFED WITH
MINIMARY FEEDER
JUSTERCEPT EXISTING 2\* PRIMARY CONDUIT AND CONNECT NEW CONDUIT FOR ROUTING OF
NEW PRIMARY FEEDER TO THE EXISTING SINGLE-PHASE SECTIONALIZER

NEW PRIMARY FEEDS TO THE ENTITION. IN MILE PHANE SECTIONALIZER
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C - COMMUNICATION SERVICE INFORMATION - VARIOUS
OI CONTRACTOR TO INSTALL 24" - 18" RUSH, IN-PRADE QUAZITE BOX
VERIFY EXACT LOCATION WITH UTILITY PROVIDERS PRIOR TO ANY ROUGH IN
OCCUMENCTOR TO INSTALL (3) 225 IF X.2" PVC CONDUITS W PULL-WINE FOR
TELEPHONEDIATYTELEVISION SERVICES ROUTED OF POWERFY LIKE
OF CONTRACTOR TO INSTALL 18" 18" RUSH, IN-GRADE QUAZITE BOX
OF CONTRACTOR TO INSTALL 18" 18" RUSH, IN-GRADE QUAZITE BOX
OF CONTRACTOR TO INSTALL 18" AS IN TUSH, IN-GRADE QUAZITE BOX

G - GAS SERVICE INFORMATION - ATMOS

EXISTING GAS MAIN COORDINATE W/ ATMOS FOR GAS SERVICE LINE CONNECTION

INSTALL 125 LF OF GAS SERVICE LINE w/ METER (REF: MEP PLANS) CONNECT GAS LINE TO BUILDING (REF: MEP PLANS)

#### UTILITY NOTES

Corneror shartners as specifications, guidelines, and installation drawing, from Warrone, Almos, Specificative 115. 126. Eq. (Odlient and the egil for the statistiation of all on the large 2. The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or all inclusive. The cornerator is responsible for constanting all utilities companies for field location of all underground utility lines prior to any exexuation and for making his own verification as to tope and location of fundinground utilities are my be recessary to avoid

his own verification as to type and location of underground utilities at may be necessary to avoid damage therefore.

3. Contrictor to extract of minimum separation between utilities at crossings. Contractor to call

5. Fire Line Note:

4. All private fire lines shall be installed in accordance with NFPA 24, and other applicable codes and standards.

4.2. Contact the Fire Department to withess scheduled hydrostatic tests and flushes of private fire lines being backfilled.

4.3. Contact the Fire Department to withess scheduled hydrostatic tests and flushes of private fire

lines.

5. Stub all connections to within 5' of the building to provide connection into the building by

mechanical/plumbing contractor.

6. Contractor to ensure minimum 18" vertical separation between utilities at crossing. Contractor to call engineer if any conflicts between utilities are found.

UTILITY PLAN

C1.03



OLATHE FIRE STATION NO. 9 No Site Address

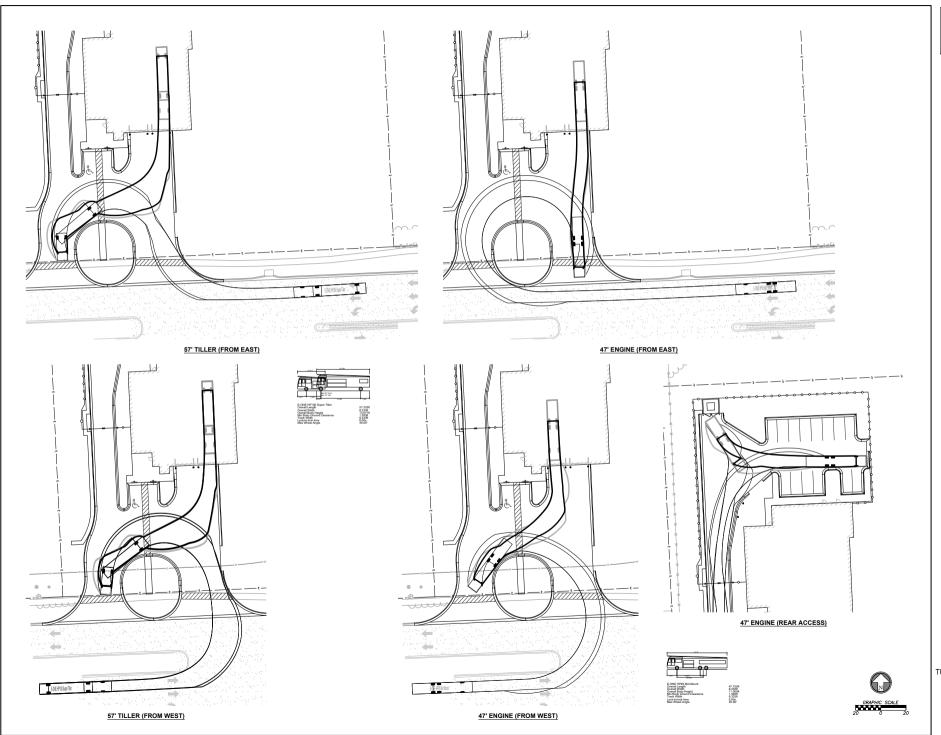














OLATHE FIRE STATION NO. 9 No Site Address



Project No.: 23067

Date: 07/17/2024

Issued For: PDP

812/24 PDP RESUBMITTAL 8/27/24 PDP RESUBMITTAL

REGISTRATION

LESLIE R HAMILTON, PE, PS KANSAS PE 9264

PROJECT TEAM

PROJECT TEAM

ITECT FINGLE-WILLIAMS
ARCHITECTURE
ITATION
TO A ARCHITECTURE
BHC ENGINEERS

BHC ENGINEERS

APE LANDWORKS STUDIO

JRAL BSE ENGINEERS

NG PKMR ENGINEERS
NICAL PKMR ENGINEERS
NICAL PKMR ENGINEERS

JEDUNN CONSTRUCTION



SHEET TITLE

TURNING MOVEMENTS

C6.01