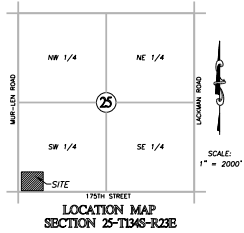


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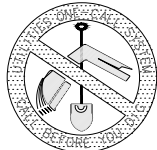
LEGEND:

Property Line	— PL —
Utility Easement	— U/E — U/E — U/E —
Existing Underground Power	— UGP — UGP — UGP —
Existing Conc. Curb & Gutter	— X — X — X —
Existing Wood Fence	— GAS —
Existing Gas Main	— X-W/M — X-W/M — X-W/M —
Existing Water Main	— X-STW — X-STW — X-STW —
Existing Storm Sewer	— X-SAN — X-SAN — X-SAN —
Existing Sanitary Sewer	— UGT — UGT — UGT —
Existing Underground Telephone	— OHE —
Existing Overhead Power	— STM —
Proposed Storm Sewer	— SAN — SAN — SAN —
Proposed Sanitary Sewer	— UGP — UGP — UGP —
Proposed Underground Power	— GAS —
Proposed Gas Service	— W/M — W/M — W/M —
Proposed 8" D.I.P. Water	— UGP — UGP — UGP —
Proposed Electrical Service	— UGP — UGP — UGP —



PROJECT NOTES:

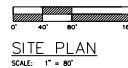
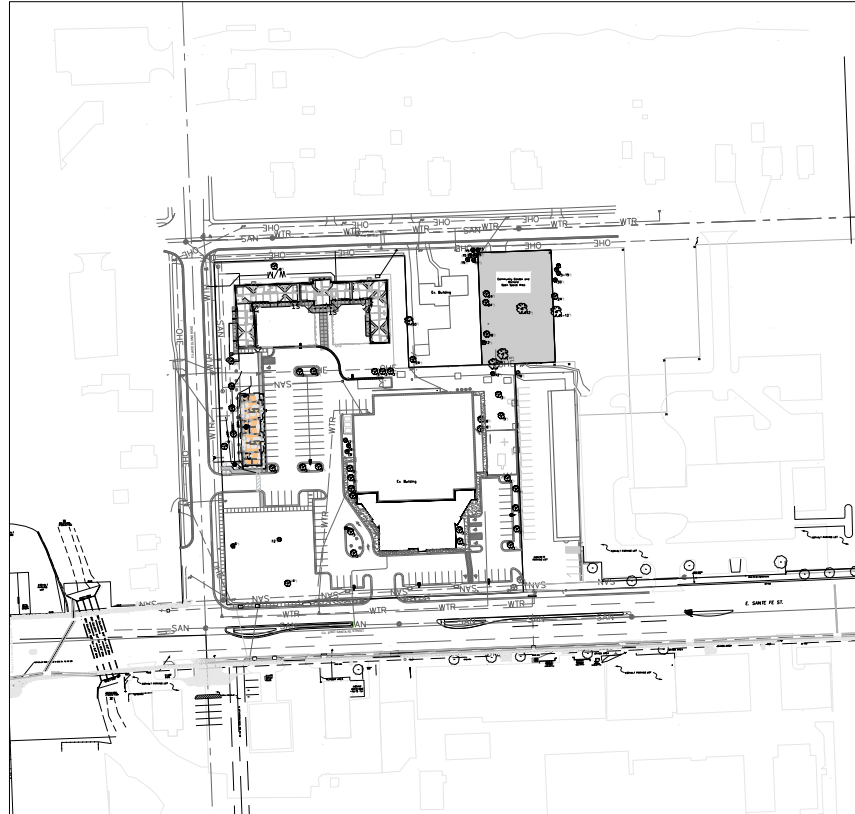
1. ALL APPROPRIATE PUBLIC UTILITIES SHALL BE PROVIDED TO EACH BUILDING WITHIN THE SUBJECT PROPERTY.
2. THE TOPOGRAPHY WAS SUPPLIED BY A.J.M.S. (AUTOMATED INFORMATION MAPPING SYSTEM) BASED ON LIDAR DATA.
3. UTILITY EASEMENTS & BOXES SHALL BE COORDINATED W/ UTILITY COMPANIES, BE AS INCONSPICUOUS AS POSSIBLE & BE SCREENED BY EVERGREEN SHRUBS.
4. STREET LIGHTING SHALL BE CITY OF OLATHE STANDARD RESIDENTIAL PUBLIC STREET LIGHT.
5. FIRE HYDRANTS SHALL BE LOCATED PER CITY OF OLATHE FIRE MARSHALL DIRECTION.
6. THE FEMA 100-YEAR FLOODPLAIN DOES NOT AFFECT THIS SITE ACCORDING TO MAP # 20114218F DATED LINE 17, 2002.
7. TRAIL LOCATIONS ARE CONCEPTUAL ONLY. FINAL LOCATIONS WILL BE DETERMINED AT TIME OF CONSTRUCTION.



UTILITY NOTES:

VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES, CALL 1-800-344-7233, KANSAS OR 1-800-344-7483, MISSOURI.

Salvation Army Phase 4 Preliminary Site Development Plans 420 EAST SANTA FE ST CITY OF OLATHE, KANSAS



SITE PLAN
SCALE: 1" = 80'

INDEX OF SHEETS:

C.001	COVER SHEET
C.050	PRE-CLEARING PLAN
C.051	INACTIVE AREA STABILIZATION PLAN
C.052	FINAL RESTORATION PLAN
C.053	EROSION CONTROL DETAILS
C.100	SITE PLAN
C.200	GRADING PLAN

DEVELOPER/OWNER:

Owner: SALVATION ARMY
Address: 15 W ALGONQUIN RD
DES PLAINES, IL 60016-6000

SURVEYING / CIVIL ENGINEERING:

MATTHEW J. SCHLICHT
ENGINEERING SOLUTION (CIVIL ENGINEERING & SURVEYING)
(913) 971-9099 (P) (913) 971-9051 (F)
30 SE 30TH STREET
LEES SUMMIT, MO 64062
E-MAIL: WWW.ENGINEERING SOLUTIONS KNC.COM
ESINFO@ES-KC.COM

Authorization to begin construction expires one year from the signature date.

APPROVED BY:

CITY ENGINEER _____ DATE _____

APPROVED BY:

MATTHEW J. SCHLICHT, KANSAS P.E. NO. 19071 _____ DATE _____

UTILITY CONTACTS

SANITARY SEWERS
City of Olathe, Public Works
1385 S. Robinson Dr.
Olathe, KS 66051
Office 913-971-9099 Fax 913-971-9051

STORM SEWER & STREETS
City of Olathe, Public Works
1385 S. Robinson Dr.
Olathe, KS 66051
Office 913-971-9051 Office 913-971-9099 Fax 913-971-9099

ELECTRICAL
Kansas City Power and Light
16215 W 108th St,
Lenexa, KS 66219
913-894-3075 Office
913-894-3086 Fax
Maren Doherty, Engineering
Maren.Doherty@kcpl.com

NATURAL GAS
Atmos Energy
25090 W 110th Terrace
Olathe, Kansas 66061
913-254-6328 Office
913-254-6339 Fax
David Huggins
dave.huggins@atmosenergy.com

TELEPHONE/COMMUNICATIONS
AT&T
9444 Noll, Fir 1
Overland Park, KS 66207
913-383-4919 Office
913-383-4849 Fax
John Harper, Construction-Engineering
jh267@att.com

UTILITY LOCATES
Kansas One Call
316-687-2470 Office
Website-<http://www.kansasonecall.com/>
"Call 811 Before You Dig!"

WATER SUPPLY
City of Olathe
1385 S. Robinson Drive
Olathe, KS
Office 913-971-9311

Cover Sheet

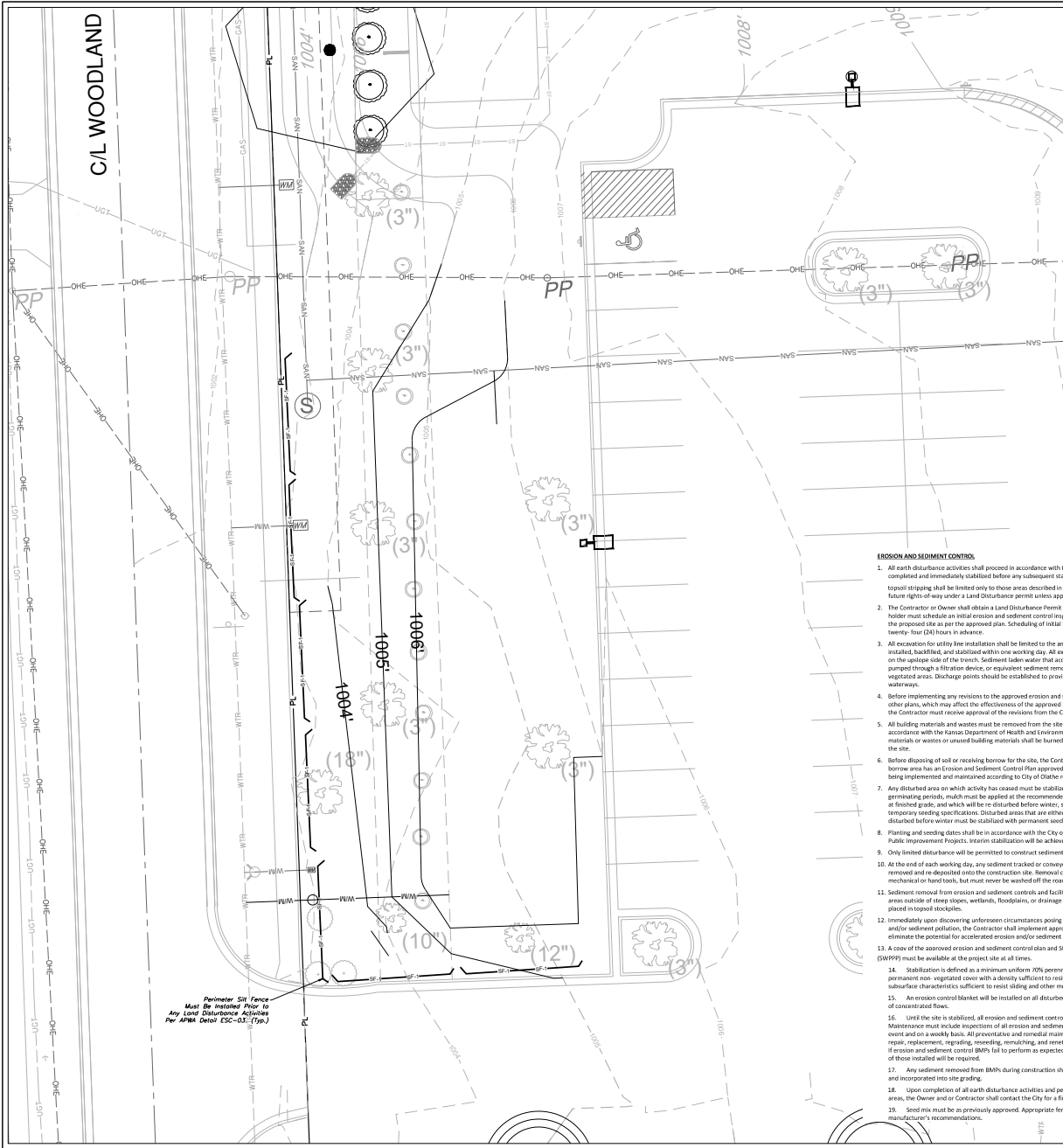
Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas

Project:
Salvation Army
Construction
Phase 4
February 21, 2010

Salvation Army Phase 4
420 East Santa Fe St
Olathe, Johnson County, Kansas

ENGINEERING
ENGINEERING & SURVEYING
SOLUTIONS
801 S. 10TH STREET
LEES SUMMIT, MO 64062
P: 913.971.9099 F: 913.971.9051

Professional Registration
Matthew J. Schlicht
Engineering 200502108-0
Surveying 200502108-0
Kansas
Engineering E-1097
Surveying L-219
Olathe, KS
Engineering 0204
National
Engineering CA527



DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 5111.3 SHALL BE USED TO CONTROL EROSION AND SILTATION.

NOTES:
The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until the final devices are in place.
Sediment traps shall be installed and maintained until the construction site has been stabilized to protect the downstream lake from sedimentation.

North

0 25 50 100'

PRE CLEARING PLAN

SCALE: 1" = 50'

LEGEND

PHASE 1 SILT FENCE	—SF-1—	SF-1—
PHASE 2 SILT FENCE	—SF-2—	SF-2—

SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

MAINTENANCE:
TO MAINTAIN THE EROSION AND SEDIMENT CONTROLS, THE FOLLOWING PROCEDURES WILL BE PERFORMED:
SEDIMENT CAPTURE DEVICES: SEDIMENT TRAPS WILL BE INSPECTED REGULARLY AFTER EACH STORM EVENT. WHEN THE DEPTH OF ACCUMULATED SEDIMENT REACHES ABOUT ONE-THIRD THE HEIGHT OF THE STRUCTURE, STORM SEWER INLET. ANY SEDIMENT IN THE STORM SEWER SHALL BE REMOVED AND DISPOSED PROPERLY.
TEMPORARY CONTROLS: ALL TEMPORARY CONTROLS WILL BE REMOVED AFTER THE DISTURBED AREAS HAVE BEEN STABILIZED.

INSPECTION PROCEDURES:
INSPECTIONS WILL BE DONE BY THE RESPONSIBLE PERSON(S) AT LEAST ONCE EVERY WEEK AND WITHIN 24 HOURS EACH STORM EVENT PRODUCING ANY AMOUNT OF RAINFALL. AREAS THAT HAVE BEEN RESEEDING WILL BE INSPECTED REGULARLY AFTER SEED GERMINATION TO ENSURE COMPLETE COVERAGE OF EXPOSED AREA. DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED SHALL HAVE ALL POLLUTION CONTROL MEASURES INSPECTED FOR PROPER INSTALLATION, OPERATION AND MAINTENANCE. LOCATIONS WHERE STORM WATER LEAVES THE SITE SHALL BE INSPECTED FOR EVIDENCE OF EROSION OR SEDIMENT DEPOSITION. ANY DEFICIENCIES SHALL BE NOTED IN A REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE INSPECTION. THE PERMITTEE SHALL PROMPTLY NOTIFY THE SITE CONTRACTORS RESPONSIBLE FOR OPERATION AND MAINTENANCE OF POLLUTION CONTROL DEVICES OF DEFICIENCIES.

IF THE EXISTING GROUND COVER IS NATURAL GRASS, DISTURBED AREAS SHALL BE TEMPORARILY SEEDED WITH WHEATGRASS AT A RATE OF 1.5 POUNDS PER 1000 SQUARE FEET. PERMANENT SEEDING SHALL CONSIST OF 50% IN THREE EQUAL PARTS OF: THIN BLADE, TURF-TYPE, TALL FESCUE AND 50% BLUEGRASS SEED AT A RATE OF 15 POUNDS PER 1000 SQUARE FEET. BOTH TEMPORARY AND PERMANENT SEEDED AREAS SHALL BE MULCHED AND WATERED TO MAINTAIN THE PROPER MOISTURE LEVEL OF THE SOIL TO ESTABLISH GRASS. NEW GRASS SHALL BE WATERED AND MAINTAINED UNTIL IT REACHES A HEIGHT OF 3 INCHES. ANY BARE AREAS SHALL BE RESEEDED.

ALL EROSION CONTROL DEVICES SHALL BE REMOVED BY GENERAL CONTRACTOR AFTER SITE STABILIZATION IS COMPLETE AND APPROVED BY ENGINEER.

THE DEVELOPER WILL DESIGNATE A QUALIFIED PERSON OR PERSONS TO PERFORM THE FOLLOWING INSPECTIONS:
STABILIZATION MEASURES: DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION WILL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. AFTER A PORTION OF THE SITE IS FINALLY STABILIZED, INSPECTIONS WILL BE CONDUCTED AT LEAST ONCE EVERY MONTH THROUGHOUT THE LIFE OF THE PROJECT. CONTRACTOR CAN CONTACT ENGINEERING SOLUTIONS FOR COPIES OF THE INSPECTION FORM TO BE USED FOR STABILIZATION MEASURES.

STRUCTURAL CONTROLS: FILTER FABRIC FENCES AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN WILL BE INSPECTED REGULARLY FOR PROPER POSITIONING, ANCHORING, AND EFFECTIVENESS IN TRAPPING SEDIMENTS. SEDIMENT WILL BE REMOVED FROM THE UPSTREAM OR UPLAND SIDE OF THE FILTER FABRIC. CONTRACTOR CAN CONTACT ENGINEERING SOLUTIONS FOR COPIES OF THE INSPECTION FORM TO BE USED FOR STABILIZATION MEASURES.
DISCHARGE POINTS: DISCHARGE POINTS OR LOCATIONS WILL BE INSPECTED TO DETERMINE WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT AMOUNTS OF POLLUTANTS FROM ENTERING RECEIVING WATERS.

CONSTRUCTION ENTRANCE: LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE WILL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
A LOG OF EACH INSPECTION SHALL BE KEPT. THE INSPECTION REPORT IS TO INCLUDE THE FOLLOWING MINIMUM INFORMATION:
INSPECTOR'S NAME, DATE OF INSPECTION, OBSERVATIONS RELATIVE TO THE EFFECTIVENESS OF THE POLLUTION CONTROL DEVICES, ACTIONS TAKEN OR NECESSARY TO CORRECT DEFICIENCIES, AND LISTING OF AREAS WHERE LAND DISTURBANCE OPERATIONS HAVE PERMANENTLY OR TEMPORARILY STOPPED. THE INSPECTION REPORT SHALL BE SIGNED BY THE PERSON PERFORMING THE INSPECTION IF DULY AUTHORIZED TO DO SO.

EROSION CONTROL DESCRIPTION:
1) SILT FENCE SHALL BE PLACED AT THE PERIMETER OF THE GRADING AND AT INTERMEDIATE AREAS THROUGHOUT THE SITE AS SHOWN ON THE PLAN. INLET SEDIMENT TRAPS SHALL BE PLACED SURROUNDING ALL STORM INLETS.

2) INSTALL TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
EROSION CONTROL PROCEDURE:
1) SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE PERIMETER OF THE GRADING AREAS PRIOR TO BEGINNING OF CLEARING OR DEMOLITION OPERATIONS. THE CONTRACTOR SHALL INSTALL SILT FENCE AS SHOWN ON PLAN AS GRADING PROGRESSES.

TEMPORARY CONSTRUCTION ENTRANCE NOTES:
A) INSTALLATION
1) AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC STREETS IF POSSIBLE. LOCATE WHERE PERMANENT ROADS WILL EVENTUALLY BE CONTRACTED.
2) REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA. GRADE AND CROWN FOR POSITIVE DRAINAGE.
3) SLOPE TOWARDS THE PUBLIC ROAD EXCEED 2% CONSTRUCT AT A 4 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 AWAY FROM IT.
4) INITIAL PRE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONGSIDE.
5) PLACE STONE TO DIMENSIONS AND GRADES AS SHOWN ON PLAN. LEAVE SURFACE SMOOTH AND SLOPED FOR DRAINAGE.
6) DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE.
7) IF WET CONDITIONS ARE ANTICIPATED PLACE GEOTEXTILE FABRIC ON THE FOUNDATION TO IMPROVE STABILITY.

B) TROUBLESHOOTING
1) CONSULT WITH A QUALIFIED DESIGN PROFESSIONAL IF ANY OF THE FOLLOWING OCCUR:
- INADEQUATE RUNOFF CONTROLS TO THE EXTENT THAT SEDIMENT WASHES ONTO PUBLIC ROADS
- INSTALL DIVERSION OR OTHER RUNOFF CONTROL MEASURES
- SMALL STONE, THIN PAD, OR ABSENCE OF GEOTEXTILE FABRIC RESULTS IN RUTS AND MUDDY CONDITIONS AS STONE IS PRESSED INTO SOIL - INCREASE STONE SIZE OR PAD THICKNESS OR ADD GEOTEXTILE FABRIC
- PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC - EXTEND PAD BEYOND THE MINIMUM 50 FOOT LENGTH AS NECESSARY
C) INSPECTION AND MAINTENANCE
1) INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER ANY RAIN EVENT
2) RESHAPE PAD AS NEEDED FOR PROPER DRAINAGE AND RUNOFF CONTROL
3) TOP AREAS WITH CLEAN 2 AND 3 INCH STONE AS NEEDED
4) IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKS OR WASHED ONTO PUBLIC ROADWAY. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY
5) REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED

NOTE
EROSION CONTROL IS PROVIDED FOR CITY OF OLAHIE REQUIREMENTS AND NOT REVIEWED BY JCW

- EROSION AND SEDIMENT CONTROL:**
1. All earth disturbance activities shall proceed in accordance with the approved plan. Each stage shall be completed and immediately installed before any subsequent stage is initiated. Clearing, grubbing, and topsoil stripping shall be limited only to those areas described in each stage. No fill shall be placed in topsoil rights-of-way under a Land Disturbance permit unless approved by the City Engineer.
 2. The Contractor or Owner shall obtain a Land Disturbance Permit from the City of Olathe. The permit holder must schedule an initial erosion and sediment control plan prior to any earthmoving on the proposed site as per the approved plan. Scheduling of initial inspections must be made at least twenty-four (24) hours in advance.
 3. All excavation for utility line installation shall be limited to the amount that can be excavated, installed, backfilled, and stabilized within one working day. All excavated material shall be deposited on the up-slope side of the trench. Sediment laden water that accumulates in the trenches shall be pumped through a filtration device, or equivalent sediment removal facility, or over non-disturbed vegetated areas. Discharge points should be established to provide for maximum distance to active waterways.
 4. Before implementing any revisions to the approved erosion and sediment control plan or revisions to other plans, which may affect the effectiveness of the approved Erosion and Sediment control plan, the Contractor must receive approval of the revisions from the City of Olathe.
 5. All building materials and wastes must be removed from the site and recycled or disposed of in accordance with the Kansas Department of Health and Environment's regulations. No building materials or wastes or unused building materials shall be burned, buried, dumped, or discharged at the site.
 6. Before disposing of soil or receiving borrow for the site, the Contractor must assure that each spot or borrow area has an Erosion and Sediment Control Plan approved by the City of Olathe and which is being implemented and maintained according to City of Olathe regulations.
 7. Any disturbed area on which activity has ceased must be stabilized immediately. During non-permitting periods, mulch must be applied at the recommended rates. Disturbed areas which are not at finished grade, which will be re-disturbed before winter, shall be stabilized in accordance with temporary seeding specifications. Disturbed areas that are either at finished grade or will not be re-disturbed before winter must be stabilized with permanent seedings/specifications.
 8. Planting and seeding dates shall be in accordance with the City of Olathe Technical Specifications for Public Improvement Projects. Interior stabilization will be achieved by mulching.
 9. Only limited disturbance will be permitted to construct sediment traps, diversion terraces, etc.
 10. At the end of each working day, any sediment tracked or conveyed onto a public roadway will be removed and re-deposited onto the construction site. Removal can be completed through use of mechanical or hand tools, but must never be washed off the road using water.
 11. Sediment removal from erosion and sediment control devices and facilities shall be disposed of in landscaped areas outside of steep slopes, wetlands, floodplains, or drainage swales and immediately stabilized or placed in topsoil stockpiles.
 12. Immediately upon discovering unforeseen circumstances posing the potential for accelerated erosion and/or sediment pollution, the Contractor shall implement appropriate best management practices to eliminate the potential for accelerated erosion and/or sediment pollution.
 13. A copy of the approved erosion and sediment control plan and Stormwater Pollution Prevention Plan (SWPPP) must be available at the project site at all times.
 14. Stabilization is defined as a minimum uniform 70% perennial vegetated cover or other permanent rain vegetated cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics sufficient to resist sliding and other movements.
 15. An erosion control blanket will be installed on all disturbed slopes steeper than 3:1 and all areas of concentrated flow.
 16. Until the site is stabilized, all erosion and sediment control BMPs must be maintained properly. Maintenance must include inspections of all erosion and sediment control BMPs after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including clean out, repair, replacement, upgrading, re-seeding, re-mulching, and re-strengthening must be performed immediately. If erosion and sediment control BMPs fail to perform as expected, replacement BMPs or modifications of those installed will be required.
 17. Any sediment removed from BMPs during construction shall be returned to upland areas on site and incorporated into the grading.
 18. Upon completion of all earth disturbance activities and permanent stabilization of all disturbed areas, the Owner and/or Contractor shall contact the City for a final inspection.
 19. Seed mix must be as previously approved. Appropriate fertilizer will be applied per the manufacturer's recommendations.

Perimeter Silt Fence
Must Be Installed Prior to
Any Land Disturbance Activities
Per APWA Detail C2C-01 (Type)

ENGINEERING & SURVEYING

SOLUTIONS

1515 10TH STREET
LEWIS SUMMIT, MO 64662
P: 816.225.2687 F: 816.662.7460

Professional Registration
Missouri
Engineering 202002108-0
Surveying 202002109-0
Kansas
Engineering E-1887
Surveying LS-218
Oklahoma
Engineering C24261

Salvation Army Phase 4
420 East Santa Fe Street
Olathe, Johnson County, Kansas

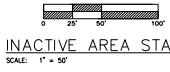
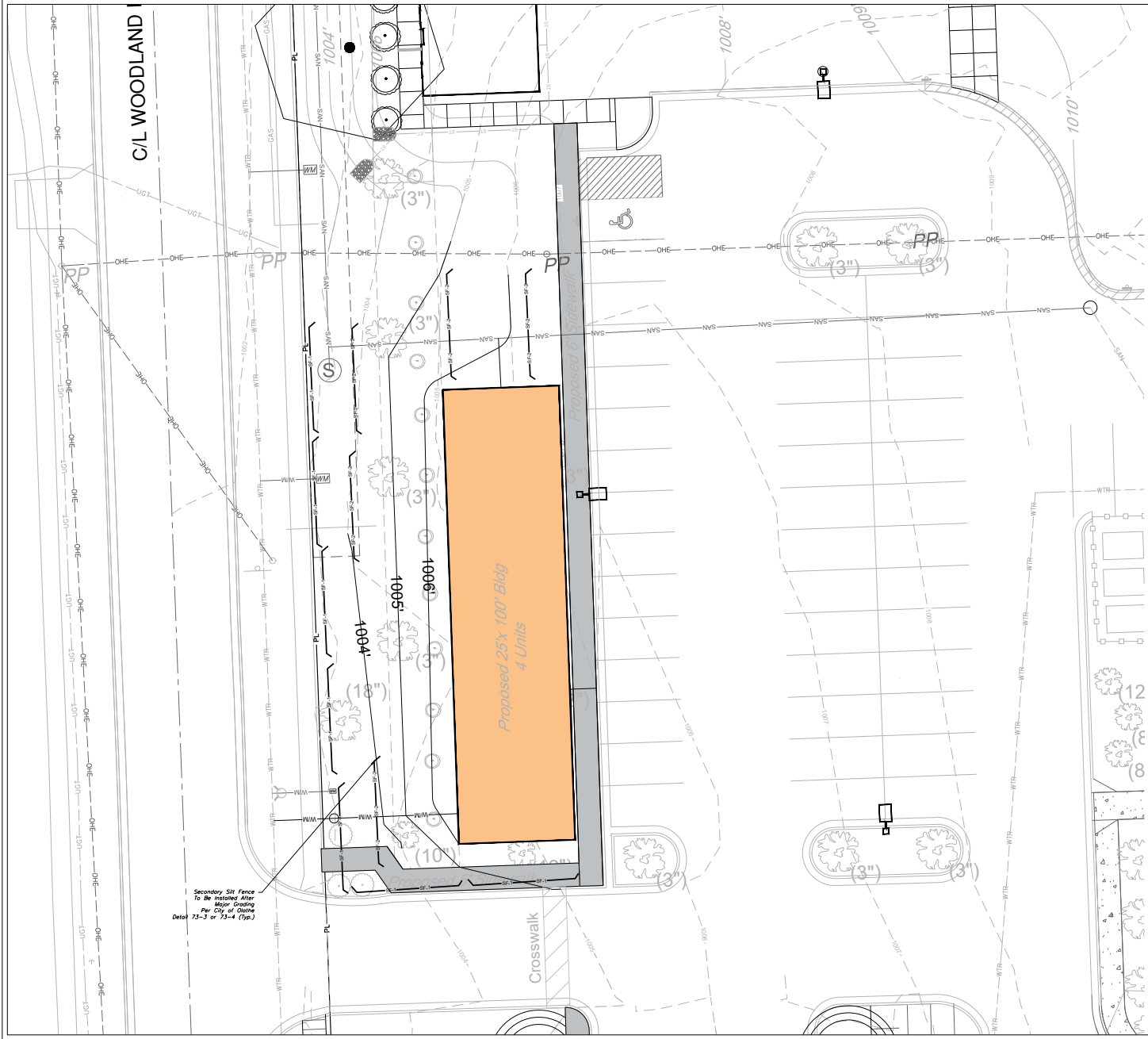
Pre Clearing Plan
Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas
MO09 LSD 6, Sec. 2

Matthew J. Schmitt
PE 200619108
KS PE 19071
NE PE 14-225
NE PE 14-1330

REVISIONS

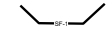
REV. 6-30-25
REV. 7-14-25
REV. 7-17-25

C.050



INACTIVE AREA STABILIZATION PLAN

SCALE: 1" = 50'



LEGEND

- PHASE 1 SILT FENCE — SF-1 — SF-1
- PHASE 2 SILT FENCE — SF-2 — SF-2

SILT FENCE PROTECTION TO BE MAINTAINED BY CONTRACTOR

DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 5111.3 SHALL BE USED TO CONTROL EROSION AND SILTATION.

NOTES:

The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until the final devices are in place.

Sediment Basins shall be installed and maintained until the construction site has been stabilized to protect the downstream lake from sedimentation.

NOTE
EROSION CONTROL IS PROVIDED FOR CITY OF
OLATHE REQUIREMENTS AND NOT REVIEWED BY
JCW

ENGINEERING
SOLUTIONS
8015 10TH STREET
LEWIS SUMMIT, MO 64662
P: 816.622.5883 F: 816.662.7949

Professional Registration
Missouri
Engineering 202002108-D
Surveying 202002110-D
Kansas
Engineering E-1887
Surveying L-219
Oklahoma
Engineering 0204
Nebraska
Engineering CA2621

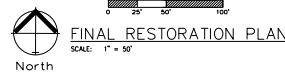
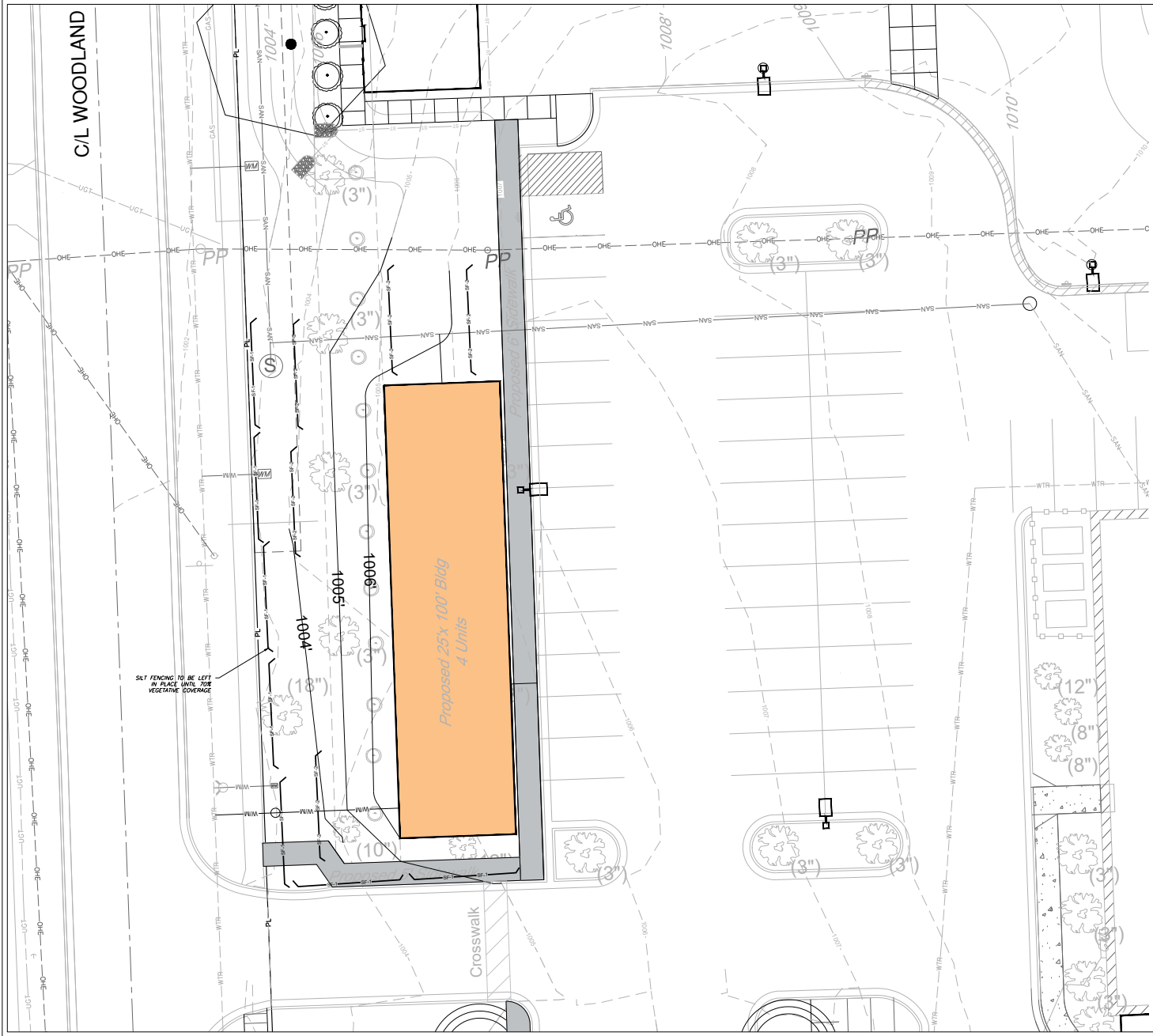
Salvation Army Phase 4
420 East Santa Fe St
Olathe, Johnson County, Kansas

Project
Salvation Army
Completed
Issue 2/2020
February 21, 2020

Inactive Area Stabilization Plan
Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas
MC09_LSD 6, Sec. 2

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
NE PE 25228
NE PE E-14335

REVISIONS
REV. 6-30-25
REV. 7-14-25
REV. 7-17-25



FINAL RESTORATION PLAN

SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

LEGEND

PHASE 1 SILT FENCE	SF-1	SF-1
PHASE 2 SILT FENCE	SF-2	SF-2

SEED AND MULCH NOTES:

Seeding shall be done before the proposed seedbed becomes eroded, crusted over, or dried out and shall not be done when the ground is frozen, or covered with snow. The seed shall comply with the requirements of the Missouri Seed Law and the Federal Seed Act. Also, it shall contain no seed of any plant on the Federal Noxious Weed List. Other weed seeds shall not exceed one percent by weight of mix.

Seed and Fertilizer Rate:

Mix 1 - Ryegrass / Blue Grass	100 lbs. per Acre
Mix 2 - Tall Fescue / Blue Grass	150 lbs. per Acre
Lime	2000 lbs. per Acre (50 lbs. per 1000 sq. ft.)
Fertilizer	800 to 1200 lbs. per Acre (20 lbs. per 1000 sq. ft.)

During the dates December 15th through May 31st time fertilizer, seed and mulch shall be applied to disturbed slopes of disturbed areas. During the months of June, July, October and November 1st through December 15th, lime fertilizer, seed and mulch shall be applied at the following rates:

Lime - 100% of specified quantity
Fertilizer - 75% of the specified quantity
Seed - 50% of the specified quantity
Mulch - 100% of the specified quantity

Mulch shall be Vegetative type, cereal straw from stalks of oats, rye, or barley, or approved equal. The straw shall be free of prohibited weed seed and relatively free of all other noxious and undesirable seed. Mulch shall be applied at the rate of 2 tons per acre, (70 to 90 lbs per 1000 sq. ft.). Mulch shall be embedded by a mulch anchoring tool or disk type roller having flat serrated disks spaced not more than 10 inches apart and cleaning sweeps shall be provided.

NOTES:

The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until the final devices are in place.

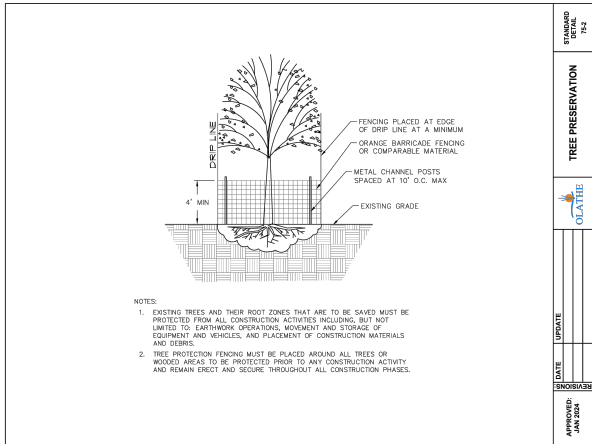
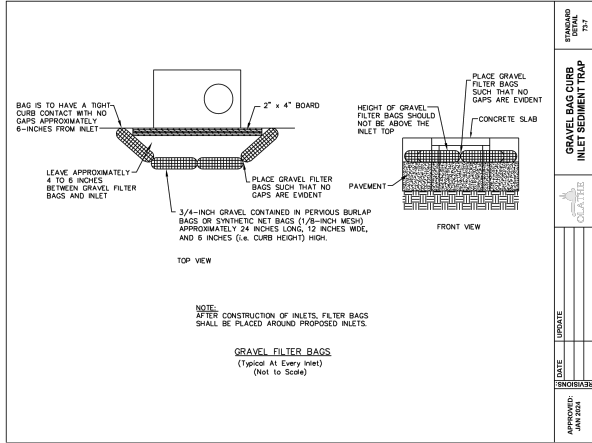
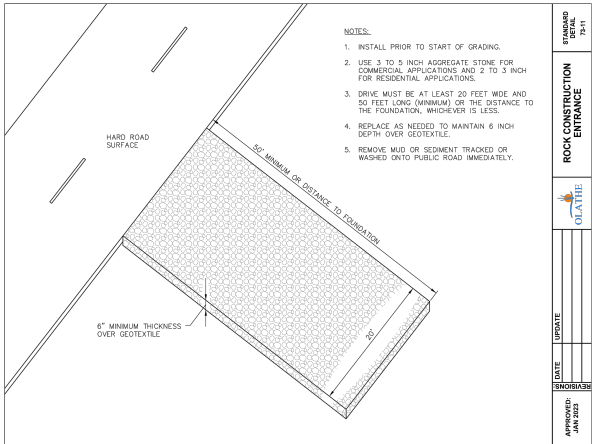
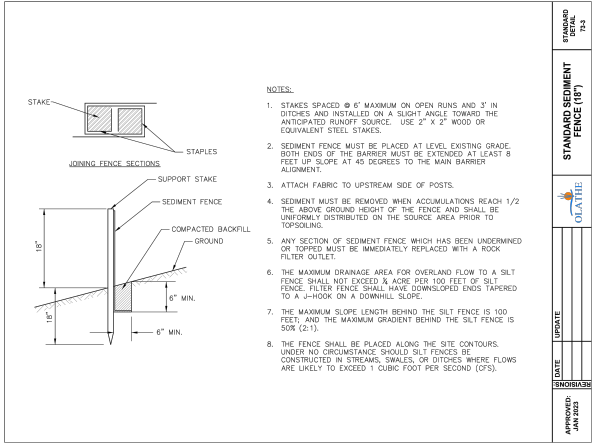
Sediment traps shall be installed and maintained until the construction site has been stabilized to protect the downstream lake from sedimentation.

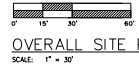
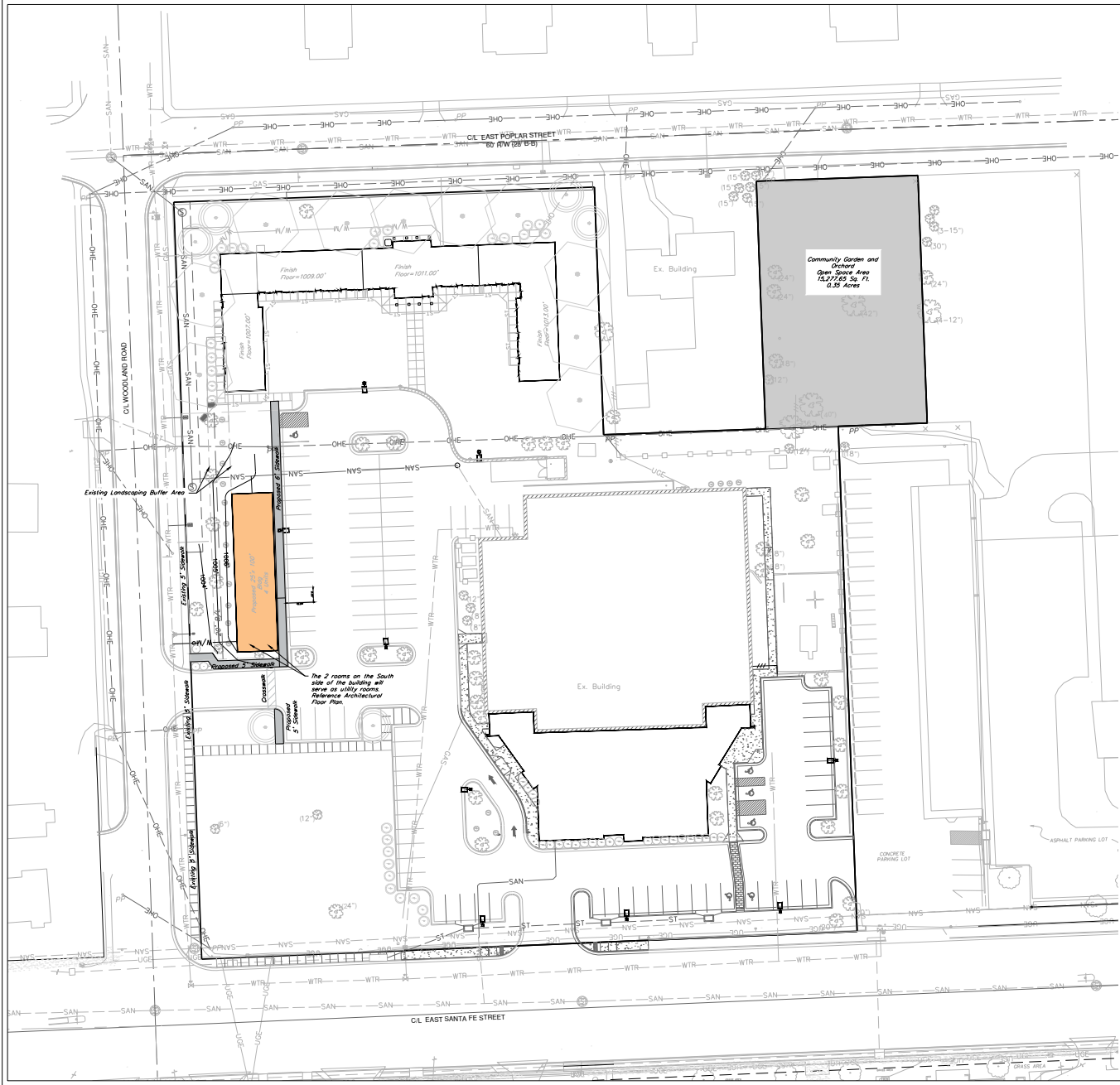
DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 5111.3 SHALL BE USED TO CONTROL EROSION AND SILTATION.

NOTE
EROSION CONTROL IS PROVIDED FOR CITY OF OLATHE REQUIREMENTS AND NOT REVIEWED BY JCW

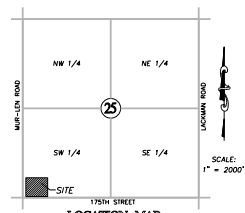
REVISIONS

REV. 6-30-25
REV. 7-14-25
REV. 7-17-25





OVERALL SITE PLAN
SCALE: 1" = 30'



LOCATION MAP
SECTION 25-T13N-R23E

Site Data Table	
Total Site Area	4.18 Acres
Current Zoning	CP-2
Area to Measure	0.21 Acres
Receptor to	R-4

Existing Site Impervious Area

Total Area	4.18 acres
Ex. Homeless Shelter Use Area	0.80 acres
Impervious Area	2.08 acres (49.9% of Site)
Pervious Area	2.08 acres (50.1% of Site)

Developed Site Impervious Area

Total Area	4.18 acres
Total Homeless Shelter Use Area	1.01 acres
Impervious Area	2.25 acres (54.1% of Site)
Pervious Area	1.91 acres (45.9% of Site)
Proposed Units	4
Existing Units	14
Net Density	18 Units/Ac proposed, 18 Units/Ac max.

Common Space Provided	0.35 acres, 0.1 acres required (10% min.)
Active Open Space Provided	0.35 acres, 0.05 acres required (5% min.)

PARKING SCHEDULE

- Uses (based upon Section 18.30.160, Off-Street Parking Schedule):
1. Main Building, Churches, Indoor athletic facility located in an existing building, Social Services, Day Care
 2. Peak parking demand occurs during the main church services. Main church services do not occur simultaneously with other uses.
 3. Family Lodge, Boarding & Lodging House.

- Parking requirements (each designation below corresponds to the use above):
1. one (1) space for each four (4) seats or building capacity calculated by building standards.
 2. Boarding and Lodging Houses require 1 stall per guest room + 1 stall per 800 sq. ft. of restaurant or public meeting space.

Chapel Seating layout - 300 seats / 4 people for each parking space =	75 parking spaces required
Boarding and Lodging • 18 rooms / 1 person for each parking space = 18 parking spaces	18 parking spaces required
TOTAL:	93 parking spaces required

Provided	93 spaces
Existing parking to remain	93 parking spaces
TOTAL	4 Required 6 Provided

LEGEND:

Property Line	_____
Utility Easement	_____ U/E
Existing Underground Power	_____ UGP
Existing Conc. Curb & Gutter	_____
Existing Wood Fence	_____ X
Existing Gas Main	_____ X-W/M
Existing Water Main	_____ X-W/M
Existing Storm Sewer	_____ X-SM
Existing Sanitary Sewer	_____ X-SAN
Existing Underground Telephone	_____ UGT
Existing Overhead Power	_____
Proposed Storm Sewer	_____
Proposed Sanitary Sewer	_____ SAN
Proposed Underground Power	_____ UGP
Proposed Gas Service	_____ W/M
Proposed 8" D.I.P. Water	_____ W/M
Proposed Electrical Service	_____ UGP

PRIVATE CONCRETE DRIVE

Note:
Area to be used for Residential Housing

ENGINEERING
ENGINEERING & SURVEYING
SOLUTIONS

1515 SOUTH STREET
LEWIS & CLARK, MO 64602
P: 816.225.8881 F: 816.662.7969

Professional Registration
Missouri
Engineering 202002188-D
Surveying 202002188-D
Kansas
Engineering E-1097
Surveying L-219
Oklahoma
Engineering 0204
Nebraska
Engineering CA2621

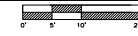
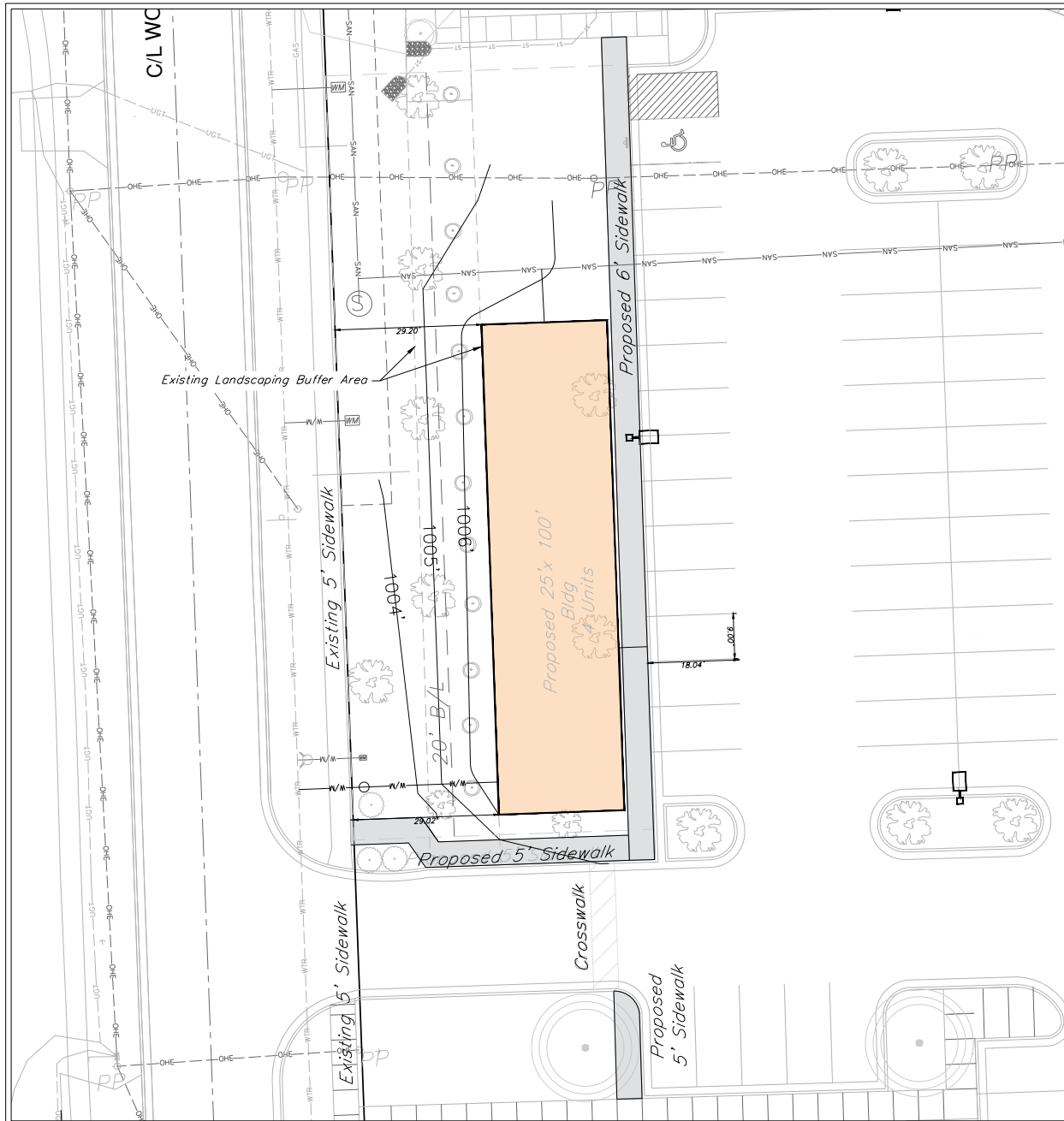
Salvation Army Phase 4
420 East Santa Fe St
Olathe, Johnson County, Kansas

Project:
Salvation Army
Phase 4
420 East Santa Fe St
Olathe, KS
February 21, 2020

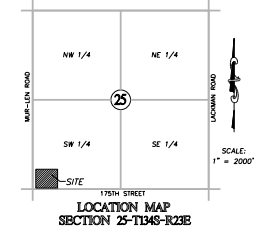
Development Plan
Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas

Matthew J. Schmitt
MO PE 2006019708
KS PE 19071
NE PE 25228
NE PE E-14335

REVISIONS
REV. 6-30-25
REV. 7-14-25
REV. 7-17-25



SITE PLAN
SCALE: 1" = 10'



Site Data Table	
Total Site Area	4.16 Acres
Current Zoning	CP-2
Area to Rezone	0.21 Acres
Rezone to	R-4

Existing Site Impervious Area

Total Area	4.16 acres
Ex. Homeless Shelter Use Area	0.80 acres
Impervious Area	2.08 acres (49.9% of Site)
Previous Area	2.08 acres (50.1% of Site)

Developed Site Impervious Area

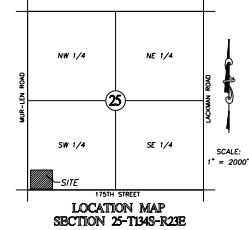
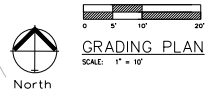
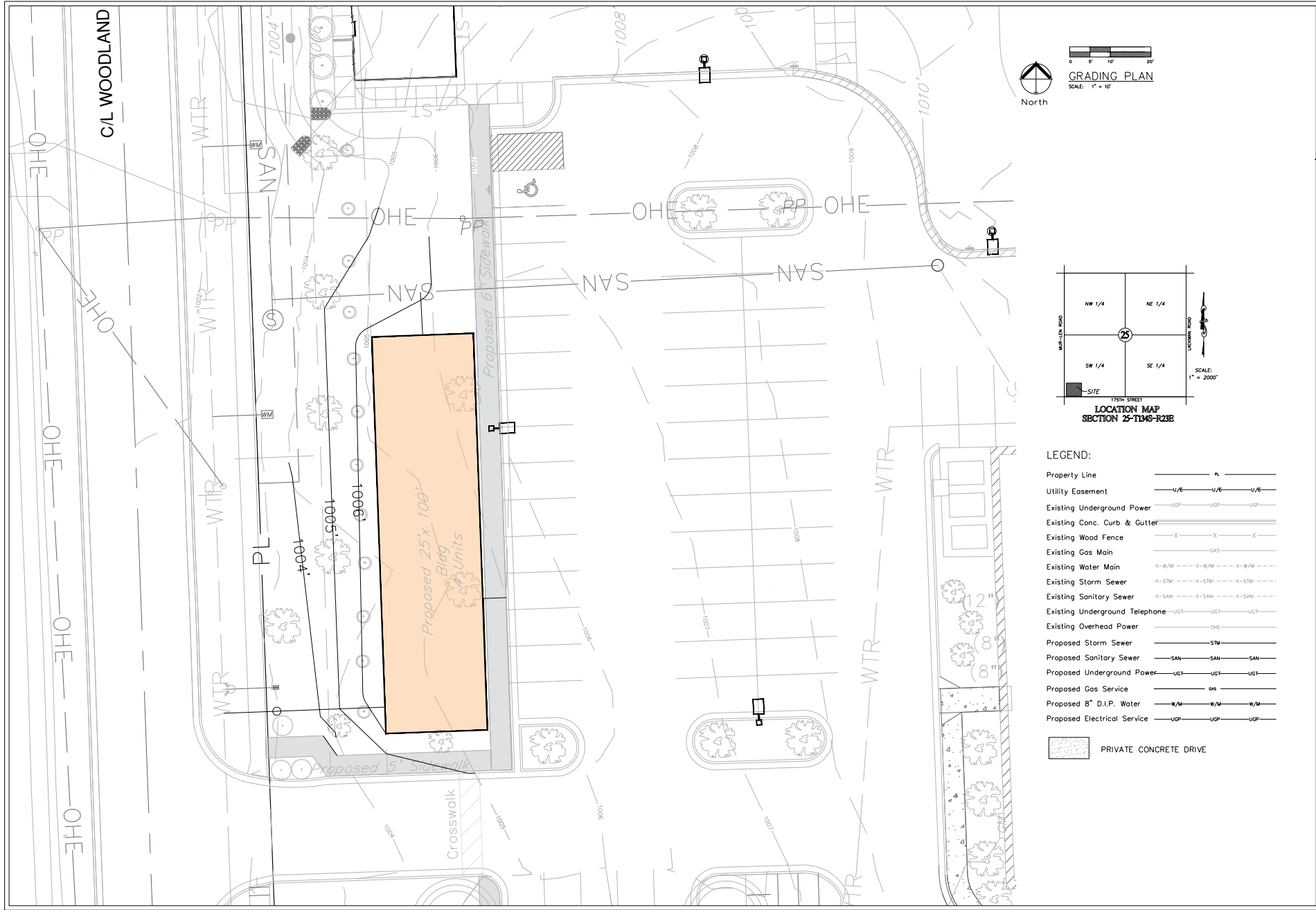
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Net Density	18 Units/Ac proposed, 18 Units/Ac max

Common Space Provided 0.35 acres, 0.1 acres required (10% min.)
Active Open Space Provided 0.35 acres, 0.05 acres required (5% min.)

LEGEND:

Property Line	— P —
Utility Easement	— U/E — U/E —
Existing Underground Power	— UGP — UGP —
Existing Conc. Curb & Gutter	— X — X —
Existing Wood Fence	— GAS —
Existing Gas Main	— X-W/W — X-W/W —
Existing Water Main	— X-STM — X-STM —
Existing Storm Sewer	— X-SAN — X-SAN —
Existing Sanitary Sewer	— UGT — UGT —
Existing Underground Telephone	— OHE —
Existing Overhead Power	— STM —
Proposed Storm Sewer	— SAN — SAN —
Proposed Sanitary Sewer	— UGT — UGT —
Proposed Underground Power	— GAS —
Proposed Gas Service	— W/M — W/M —
Proposed 8" D.I.P. Water	— UGP — UGP —
Proposed Electrical Service	— UGP — UGP —





LEGEND:

Property Line	— PL —
Utility Easement	— U/E — U/E — U/E —
Existing Underground Power	— UGP — UGP — UGP —
Existing Conc. Curb & Gutter	— X — X — X —
Existing Wood Fence	— GAS —
Existing Gas Main	— X-W/M — — X-W/M — — X-W/M — —
Existing Water Main	— X-STM — — X-STM — — X-STM — —
Existing Storm Sewer	— X-SAN — — X-SAN — — X-SAN — —
Existing Sanitary Sewer	— UGT — UGT — UGT —
Existing Underground Telephone	— OHE —
Existing Overhead Power	— STM —
Proposed Storm Sewer	— SAN — SAN — SAN —
Proposed Sanitary Sewer	— UGT — UGT — UGT —
Proposed Underground Power	— GAS —
Proposed Gas Service	— W/M — W/M — W/M —
Proposed 8" D.I.P. Water	— UGP — UGP — UGP —
Proposed Electrical Service	

PRIVATE CONCRETE DRIVE

ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
9515 10TH STREET
LEWIS SUMMIT, MO 64062
P: 816.622.5883 F: 816.662.7949

Professional Registration

Missouri
Engineering 202002108-D
Surveying 202002101-D

Kansas
Engineering E-1897
Surveying L-219
Oklaoma
Engineering 0204
National
Engineering CA2671

Project: Salvation Army
Location: 420 East Santa Fe St
Issue Date: February 21, 2020

GRADING PLAN
Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas

Matthew J. Schmitt
MO PE 200619108
KS PE 19071
OK PE 25228
NE PE E-14335

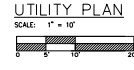
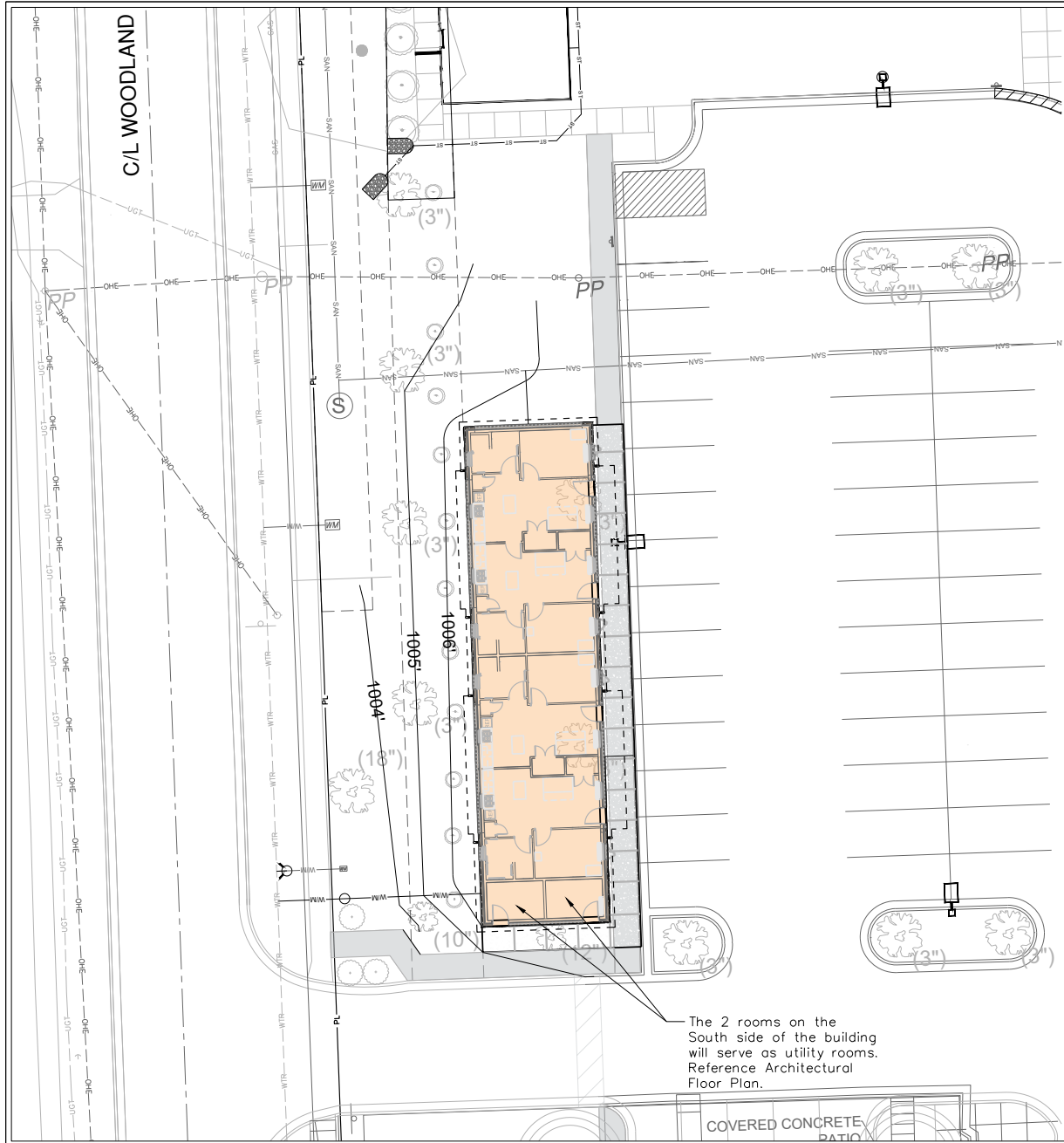
REVISIONS

REV. 6-30-25

REV. 7-14-25

REV. 7-17-25

C. 200



Utility Plan

Civil Construction Plans for:
Salvation Army Phase 4
Olathe, Johnson County, Kansas

Project:
Salvation Army
Phase 4
February 21, 2025

Salvation Army Phase 4
420 East Santa Fe St
Olathe, Johnson County, Kansas

Professional Registration
Missouri
Engineering 202002108-D
Surveying 202002108-D
Kansas
Engineering E-1097
Surveying L.S. 219
Oklahoma
Engineering 0204
Nebraska
Engineering CA267

Matthew J. Schmitt
MO PE 2000019708
KS PE 190771
OK PE 25228
NE PE E-14335

REVISIONS
REV. 6-30-25
REV. 7-14-25
REV. 7-17-25