PUBLIC IMPROVEMENTS FOR
JOPLIN CDBG DISASTER RECOVERY
SENIOR CENTER
SECTION 15, TOWNSHIP 27N, RANGE 33W
CITY OF JOPLIN
JASPER COUNTY, MISSOURI
CDBG PROJECT NO. B-12-MT-29-0001

LEGEND

CTL	SURVEY CONTROL POINT	TS	TRAFFIC SIGNAL BOX
	SURVEY BENCHMARK		TRAFFIC SIGNAL MANHOLE
TBM	SURVEY TEMPORARY BENCHMARK		TRAFFIC SIGNAL POLE W/ ARM
GM	GAS METER		TRAFFIC SIGNAL POLE
GAR	GAS RISER		TRAFFIC SIGNAL CONTROL BOX
	GAS MANHOLE	TS	TRAFFIC SIGNAL PEDESTAL
GR	GAS REGULATOR		ELECTRIC MANHOLE
TVP	TELEVISION PEDESTAL	EM	ELECTRIC METER
F	FIBER BOX	ER	ELECTRIC RISER
	FIBER PEDESTAL	E	ELECTRIC BOX
C	CABLE BOX		ELECTRIC CABINET
CV	CABLE VAULT		ELECTRIC JUNCTION BOX
TP	TELEPHONE PEDESTAL/RISER	SPH	SPRINKLER HEAD
	TELEPHONE MANHOLE	SCV	SPRINKLER CONTROL VALVE
	STORM MANHOLE		WATER METER PIT
	STORM GRATE		FIRE HYDRANT
	SANITARY MANHOLE	WM	WATER METER
YL	YARD LIGHT	WV	WATER VALVE
LTP	LIGHT POLE	FP	FLAG POLE
	POWER POLE		SIGN
LPPP	POWER POLE W/ LIGHT		BOLLARD
	GUY WIRE		WOOD POST
	STUMP		STEEL POST
BU	BUSH	COL	COLUMN
	EVERGREEN TREE		BORE HOLE
	DECIDUOUS TREE		STAKE/HUB

- SECTION LINE
- PROPERTY LINE
- CENTER LINE
- PROPOSED ROW LINE
- EXISTING ROW LINE
- UTILITY EASEMENT
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- EXISTING TELEPHONE LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING CHAIN LINK FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PIPE LINE
- GRADING LIMITS
- TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED CHAIN LINK FENCE
- PROPOSED WOOD PRIVACY FENCE
- EXISTING TREELINE
- CONSTRUCTION LIMITS
- UNDERDRAIN
- PROPOSED STORM SEWER PIPE



N.T.S.

LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS

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10	STANDARD DETAILS

ABBREVIATION TABLE

M.G.	MATCH GRADE
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BACK OF CURB
EP	EDGE OF PAVEMENT
DC	DEPRESSED CURB
R/W	RIGHT-OF-WAY
TCE	TEMPORARY CONSTRUCTION EASEMENT
PROP.	PROPOSED
EXIST.	EXISTING
TYP.	TYPICAL
(R)	REMOVAL
CONST.	CONSTRUCT
TBM	TEMPORARY BENCMARK
C.P.	CONTROL POINT
D.N.D.	DO NOT DISTURB
U.I.P.	USE IN PLACE
ADJ.	ADJUST
EL.	ELEVATION
ESMT.	EASEMENT
B-B	BACK OF CURB TO BACK OF CURB
℄	CENTERLINE
I.D.	INSIDE DIMENSION
FFE	FINISHED FLOOR ELEVATION

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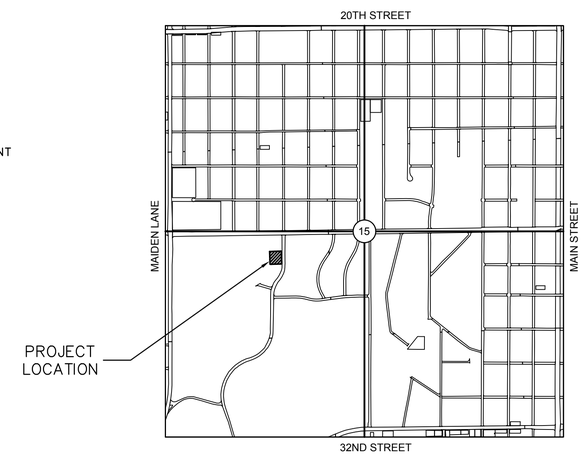
THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL "1-800-DIG-RITE", AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING ACTIVITIES. !!STOP!! CALL BEFORE YOU DIG!!



SECTIONS 15,
T-27-N, R-33-W
JASPER COUNTY, MISSOURI
VICINITY MAP
SCALE: 1" = 1000'

N

UTILITIES INFORMATION

ELECTRIC
LIBERTY UTILITIES (EMPIRE DISTRICT)
602 JOPLIN ST., JOPLIN, MO 64801
RICK STOCKTON
(417) 625-6160

NATURAL GAS
SPIRE (MGE)
520 E. 5TH ST., JOPLIN, MO 64801
KEN STEGALL
(417) 626-4831

TELEPHONE
A.T.&T.
321 W. 8TH ST., JOPLIN, MO 64801
KENNETH KENWORTHY
(417) 625-8090

WATER
MISSOURI-AMERICAN WATER CO.
2650 E. 32ND ST., JOPLIN, MO 64804
DEREC BASS
(417) 627-3800

CABLE TELEVISION
SPARKLIGHT
112 E. 32ND ST., JOPLIN, MO 64804
KERI BLEDSOE
(417) 291-3193

APPROVED BY:
CITY OF JOPLIN, MISSOURI

DAVID HERTZBERG
DIRECTOR OF PUBLIC WORKS — DATE

TROY BOLANDER
DIRECTOR OF PLANNING, COMMUNITY DEVELOPMENT AND NEIGHBORHOOD SERVICES — DATE

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STATE OF MISSOURI
CLAYTON LEE CRISTY
NUMBER E-28604
PROFESSIONAL ENGINEER
CLAYTON LEE CRISTY
PROFESSIONAL ENGINEER
MO# E-28604

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
		REVISIONS	

TITLE SHEET

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS
JOPLIN, MISSOURI
2020

drawn by:	ARF
checked by:	CLC
approved by:	CLC
QA/QC by:	ENG
project no.:	A17-0642
drawing no.:	C_TTL_A170642
date:	12/30/2020

SHEET
1 of 10

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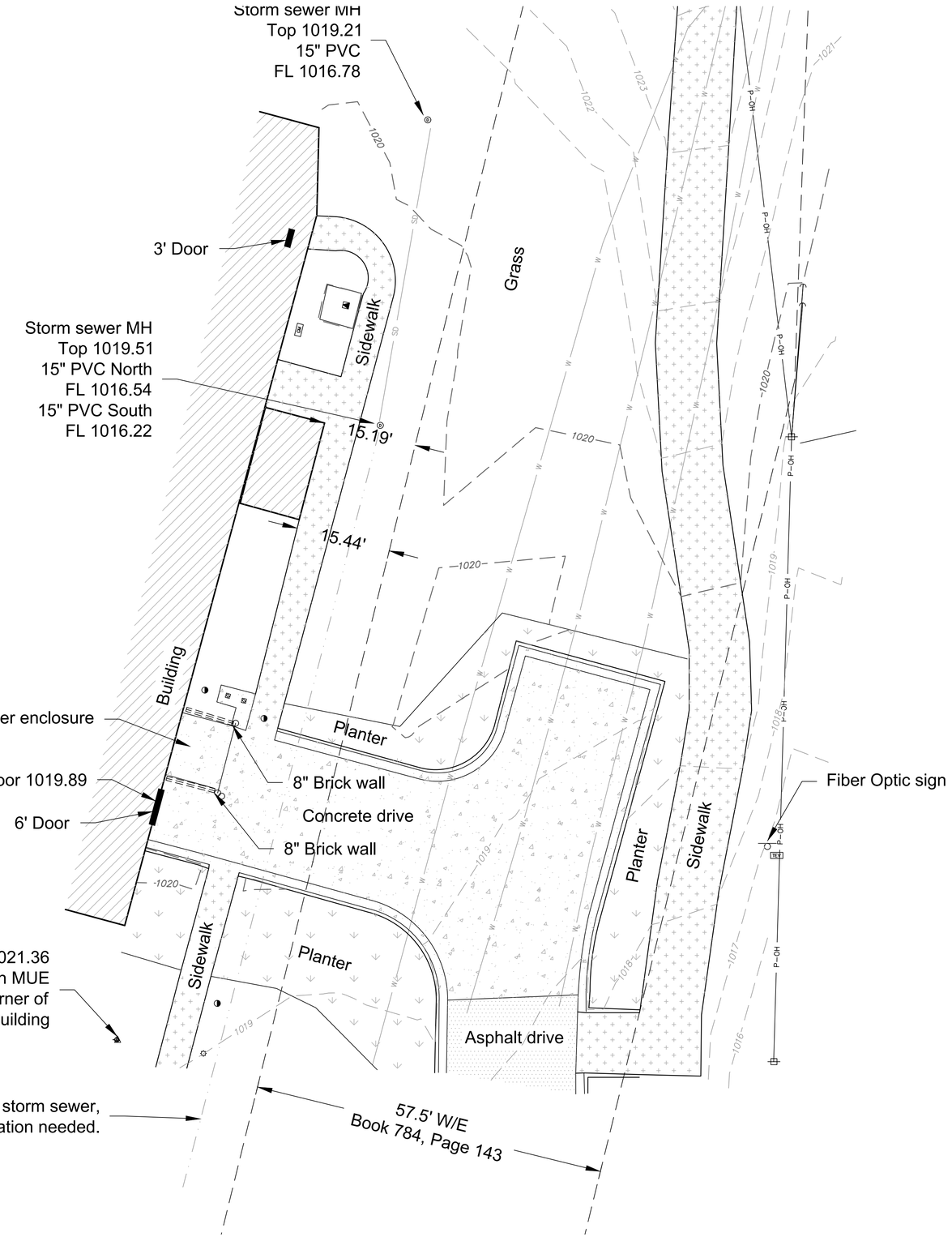

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		REVISIONS	

EXISTING CONDITIONS

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

2020

JOPLIN, MISSOURI

drawn by:	ARE
checked by:	CLC
approved by:	CLC
QA/QC by:	ENG
project no.:	A17-0642
drawing no.:	C_EXC_A170642
date:	12/30/2020

SHEET
2 of 10

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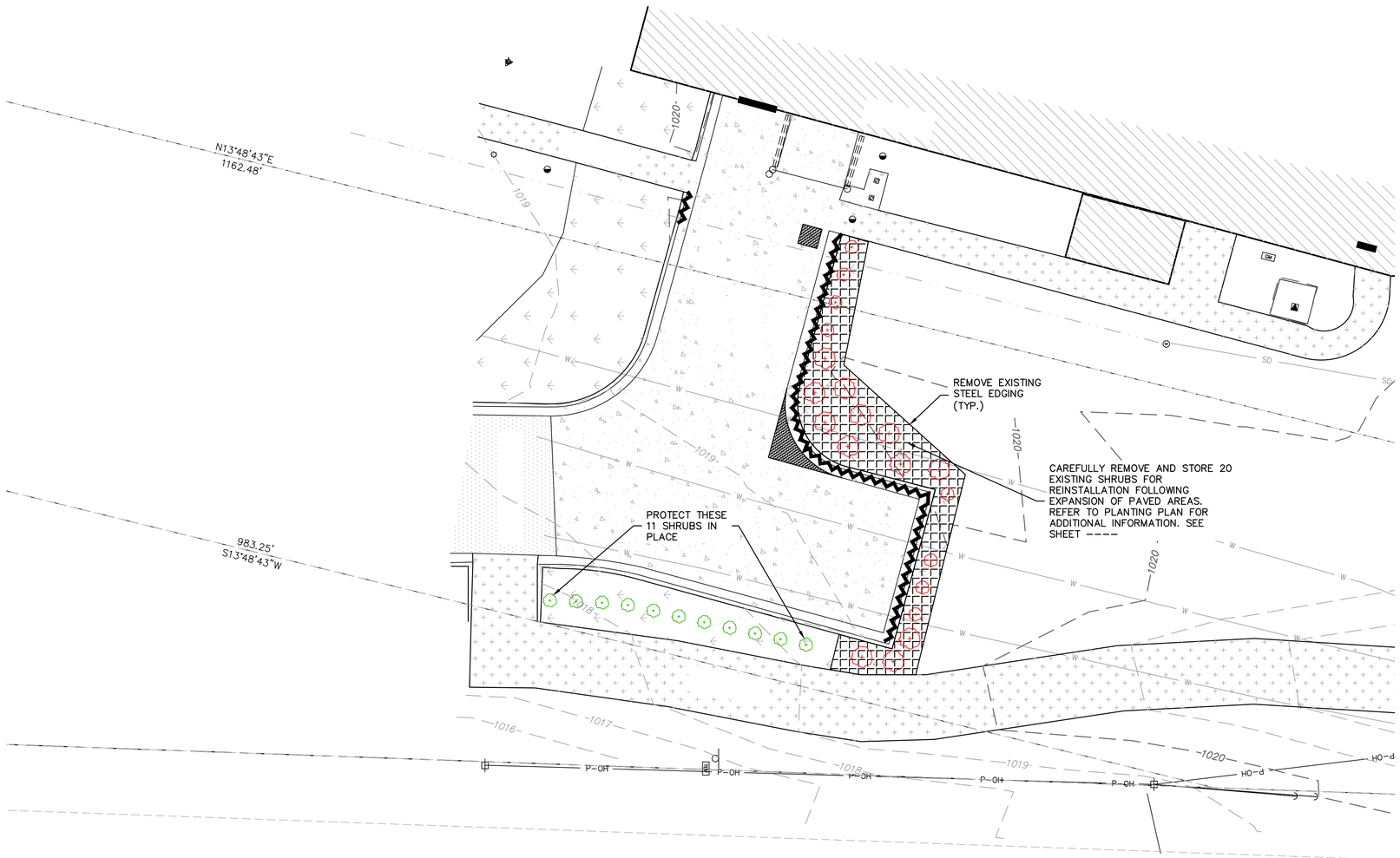

N

0' 5' 10' 20'

SCALE IN FEET

LEGEND

- REMOVE EXISTING PAVEMENT
- REMOVE EXISTING PLANT BED
- REMOVE EXISTING CURB & GUTTER
- REINSTALL EXISTING HOLLY FOLLOWING CONSTRUCTION
- REINSTALL EXISTING BOXWOOD FOLLOWING CONSTRUCTION
- PROTECT EXISTING SHRUB IN PLACE

DEMOLITION NOTES:

1. ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. DISPOSE OF ALL TRASH, DEBRIS AND RUBBISH OFF THE OWNER'S PROPERTY TO A DISPOSAL SITE AS APPROVED PER STATE AND LOCAL REQUIREMENTS.
2. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, FOUNDATIONS, ETC. IN THE AREA TO BE REMOVED SHALL BE REMOVED TO FULL DEPTH.
3. THE CONTRACTOR SHALL USE WATER SPRINKLING AND OTHER SUITABLE METHODS AS NECESSARY TO CONTROL DUST AND DIRT CAUSED BY DEMOLITION WORK.
4. CONTRACTOR TO PROVIDE PROTECTION TO ALL STREET, FENCES, TREES, UTILITIES AND STRUCTURES THAT ARE TO REMAIN.
5. ANY CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACK FILLED AND COMPACTED.
6. CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO COMMENCING THE WORK. COORDINATE WITH LOCAL UTILITY COMPANIES PRIOR TO UTILITY DISCONNECTION.
7. REMOVE AND REPLACE EXISTING PAVEMENT FOR CANOPY FOUNDATIONS AS NEEDED.
8. REFER TO LANDSCAPING SHEET ---- FOR ADDITIONAL PLANT BED GENERAL NOTES.

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NUMBER E-28604
PROFESSIONAL ENGINEER

CLAYTON LEE CRISTY
PROFESSIONAL ENGINEER
MO# E-28604

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

DEMOLITION PLAN

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by: ARE
checked by: CLC
approved by: CLC
QA/QC by: ENG
project no.: A17-0642
drawing no: C_DEM_A170642.DWG
date: 12/30/2020

SHEET
3 of 10

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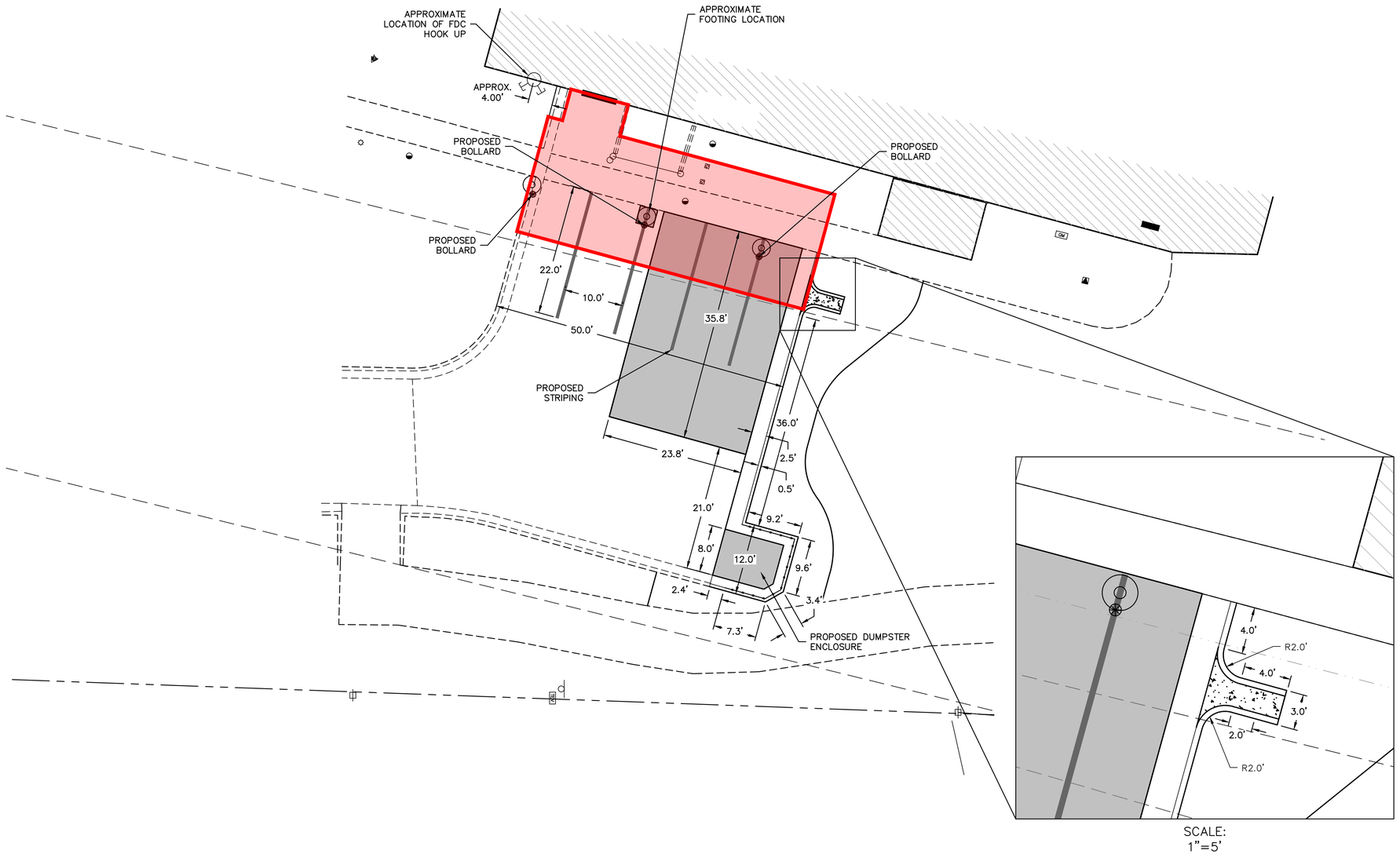

SCALE:
1"=5'

N

0' 5' 10' 20'
SCALE IN FEET

LEGEND

- PROPOSED 8" NON REINFORCED CONCRETE PAVEMENT WITH 6" AGGREGATE BASE
- CONCRETE FLUME
- PROPOSED FENCING
- EXISTING BOUNDARY LINE

GENERAL SITE PLAN NOTES:

1. ALL DIMENSIONS ARE TO CENTER OF STRIPE(S), EDGE OF PAVEMENT, BACK OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED. ALL RADII ARE 2.0' UNLESS OTHERWISE NOTED.
2. SLOPE FINISH GRADES, SIDEWALKS, AND PAVING AWAY FROM BUILDING FOR POSITIVE DRAINAGE.
3. GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, GRADES, AND DIMENSIONS ON SITE AND REPORT ALL MAJOR DISCREPANCIES TO ARCHITECT.
4. REMOVE ALL ITEMS AS NOTED. PROTECT ALL EXISTING ITEMS TO REMAIN.
5. ALL CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH CURRENT CITY OF JOPLIN STANDARDS AND SPECIFICATIONS.
6. ALL SIGNAGE, PAVEMENT MARKINGS, AND PARKING LOT STRIPING SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND REGULATIONS.

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SITE PLAN

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by: ARF
checked by: CLC
approved by: CLC
QA/QC by: ENG
project no.: A17-0642
drawing no.: C_SIT_A170642
date: 12/30/2020

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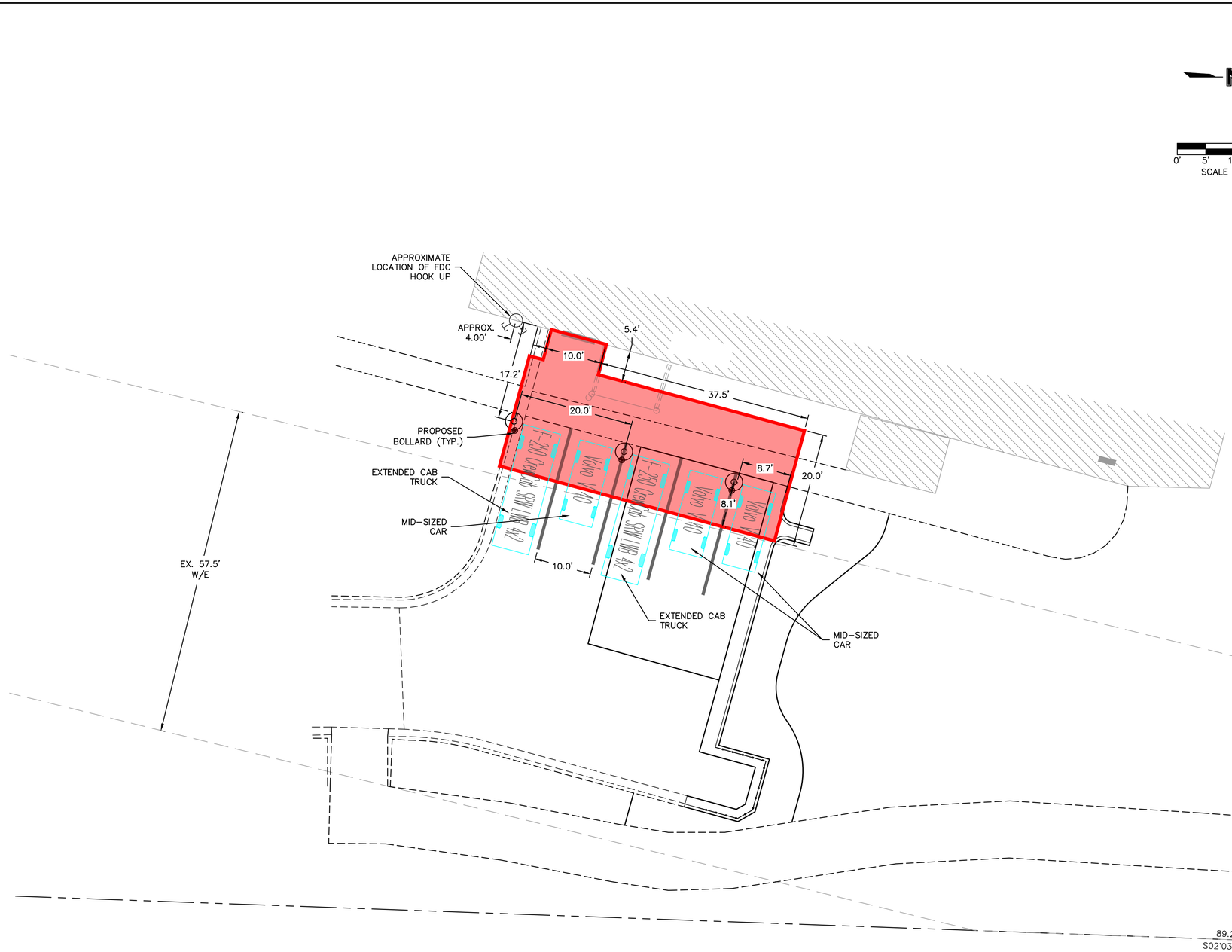

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0' 5' 10' 20'
SCALE IN FEET

LEGEND

PROPOSED AWNING

PROPOSED FENCING

EXISTING BOUNDARY LINE

AWNING PLAN NOTES;

STRUCTURAL STEEL

1. DETAIL, FABRICATE, AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND THE AISC CODE OF STANDARD PRACTICE.

2. THE STEEL FABRICATOR/ERECTOR SHALL VERIFY IN FIELD ALL DIMENSIONS, ELEVATIONS, AND MEMBER SIZES AS SHOWN ON THE CONTRACT DRAWINGS FOR ANY EXISTING CONSTRUCTION, PRIOR TO THE DETAILING OR FABRICATION OF ANY NEW STRUCTURAL ELEMENT.

3. STRUCTURAL STEEL SHALL BE AS INDICATED BELOW UNLESS OTHERWISE NOTED.

a.	W-SHAPE	A992
b.	CHANNELS	A36
c.	ANGLES	A36
d.	STEEL PIPE	A53, GRADE B
e.	ROUND HSS	A500, GRADE B
f.	SQUARE & RECTANGULAR HSS	A500, GRADE B
g.	PLATE MATERIAL	A36
h.	ANCHOR ROD ASSEMBLIES	F1554, GRADE 36

4. THE FABRICATOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW, ENGINEERED AND CHECKED DRAWINGS SHOWING FABRICATION DETAILS, FIELD ASSEMBLY DETAILS, AND ERECTION DIAGRAMS FOR ALL STRUCTURAL STEEL ELEMENTS.

5. ALL BEAMS AND JOISTS SHALL BE FABRICATED WITH THE NATURAL CAMBER UP. PROVIDE FABRICATED CAMBERS AS INDICATED ON THE DRAWINGS.

6. AFTER FABRICATION, ALL STEEL SHALL BE CLEANED OF ALL RUST, LOOSE MILL SCALE, AND OTHER FOREIGN MATERIALS. STEEL SHALL BE PRIMED AND PAINTED AS OUTLINED IN THE PROJECT SPECIFICATIONS.

7. WELDING SHALL BE PERFORMED WITH 70 KSI LOW HYDROGEN ELECTRODES. ALL WELDING SHALL BE PERFORMED BY CERTIFIED/QUALIFIED WELDERS AND SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1, STRUCTURAL WELDING CODE – STEEL.

8. MINIMUM FILLET WELD SIZES SHALL COMPLY WITH AISC SPECIFICATION REQUIREMENTS, BUT SHALL NOT BE LESS THAN 3/16" UNLESS OTHERWISE NOTED.

9. ALL BOLTS, NUTS, AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

10. ALL BOLTED STEEL CONNECTIONS SHALL UTILIZE HIGH STRENGTH BOLTS IN BEARING-TYPE CONNECTIONS UNLESS OTHERWISE NOTED.

11. BOLTED CONNECTIONS SHALL USE A MINIMUM OF (2) 3/4"Ø BOLTS UNLESS OTHERWISE NOTED.

12. PRE-ENGINEERED CANOPY DESIGNS MUST BE PROPERLY ENGINEERED AND CALCULATIONS SEALED BY A QUALIFIED STRUCTURAL ENGINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED.

13. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

PERFORMANCE REQUIREMENTS

14. DEFLECTION AND DRIFT LIMITS: NO GREATER THAN THE FOLLOWING:

a. PURLINS AND RAFTERS: VERTICAL DEFLECTION OF 1/360 OF THE SPAN.
b. METAL ROOF PANELS: VERTICAL DEFLECTION OF 1/360 OF THE SPAN.
c. DESIGN SECONDARY-FRAMING SYSTEM TO ACCOMMODATE DEFLECTION OF PRIMARY FRAMING AND CONSTRUCTION TOLERANCES, AND TO MAINTAIN CLEARANCES AT OPENINGS.
d. LATERAL DRIFT: MAXIMUM OF 1/200 OF THE BUILDING HEIGHT.

15. MINIMUM 30 POUND DESIGN SNOW LOAD, NON-REDUCED. MINIMUM 115 MPH DESIGN WIND LOAD.

16. FINAL COLUMN DESIGN TO BE APPROVED BY THE ENGINEER AND THE CITY OF JOPLIN PRIOR TO CONSTRUCTION.

17. AWNING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC), PER CITY OF JOPLIN BUILDING CODE REQUIREMENTS.

18. GUTTERING, INCLUDING TWO DOWNSPOUTS, SHALL BE INCLUDED IN THE PRE-ENGINEERED PACKAGE.

19. PROPOSED AWNING WILL NOT BE CONNECTED TO THE EXISTING BUILDING.

20. FLASHING SHALL BE PROVIDED FROM BUILDING TO THE PROPOSED AWNING.

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PROFESSIONAL ENGINEER
CLAYTON LEE CRISTY
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MO# E-28604

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

AWNING PLAN

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by:	ARE
checked by:	CLC
approved by:	CLC
QA/QC by:	ENG
project no.:	A17-0642
drawing no.:	C_AWN_A170642
date:	12/30/2020

SHEET
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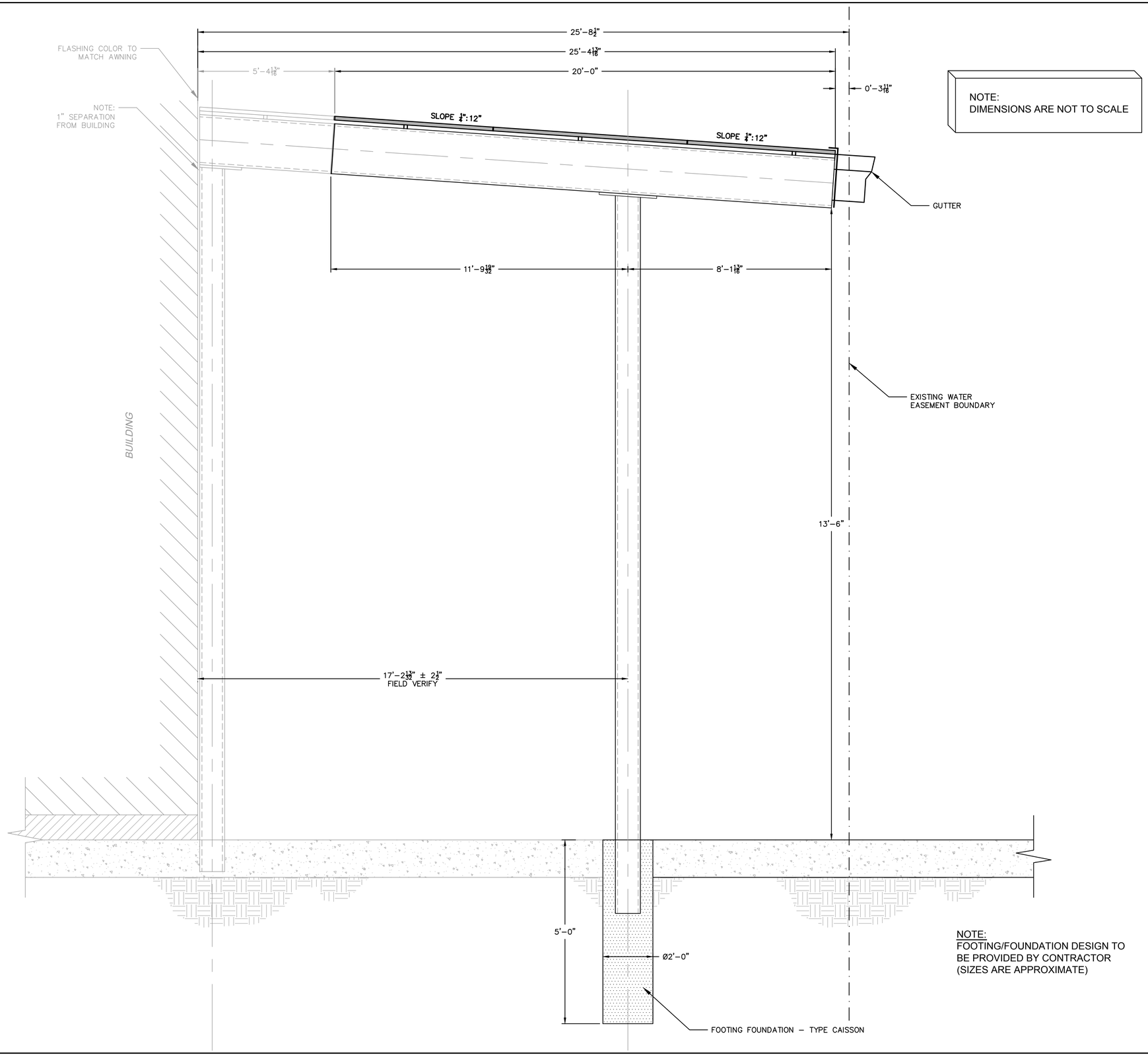

NOTE:
DIMENSIONS ARE NOT TO SCALE

NOTE:
FOOTING/FOUNDATION DESIGN TO BE PROVIDED BY CONTRACTOR (SIZES ARE APPROXIMATE)

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ELEVATION PLAN
PRIMARY AWNING

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by: ARF
checked by: CLC
approved by: CLC
QA/QC by: ENG
project no.: A17-0642
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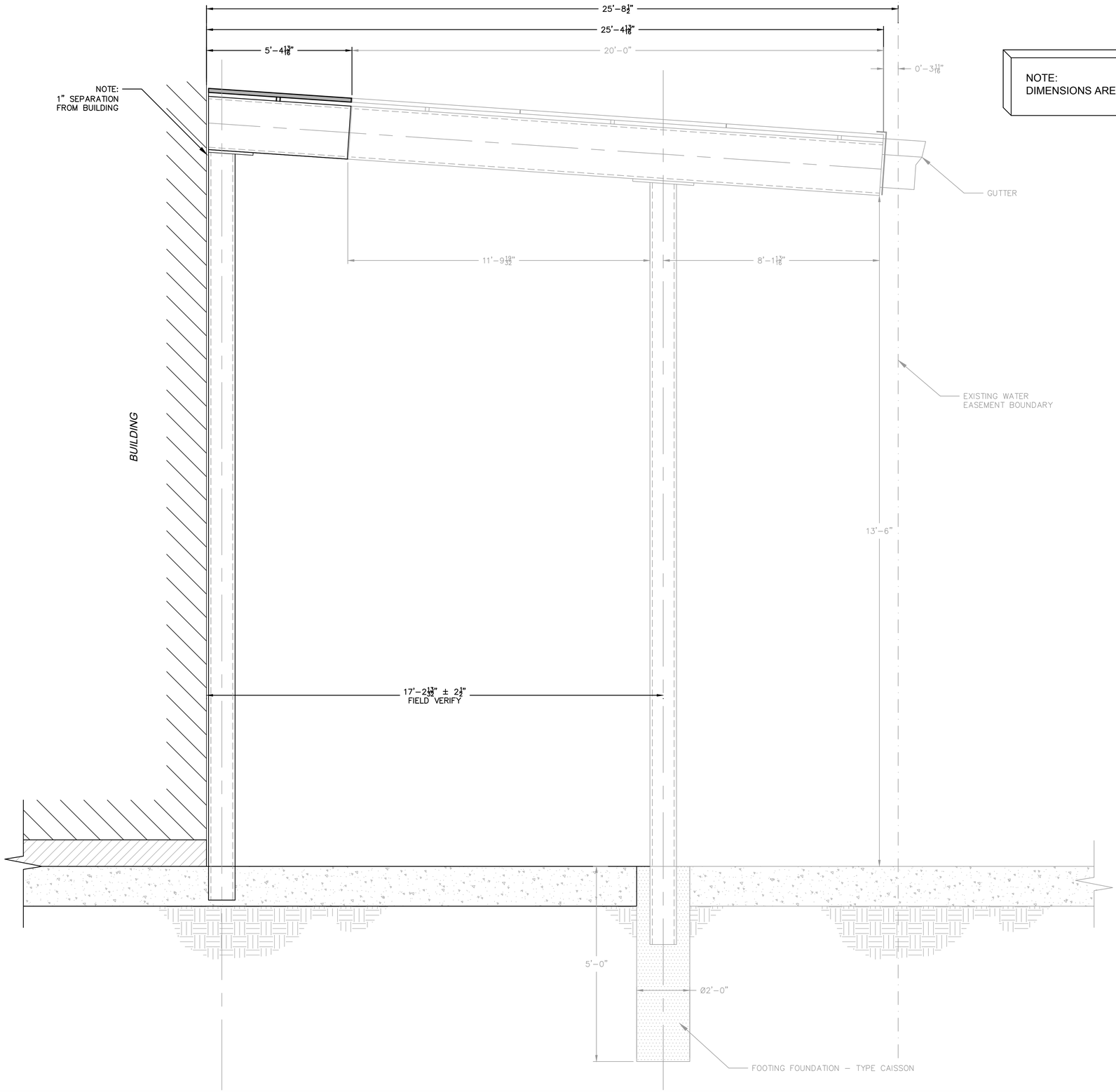

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ELEVATION PLAN
SECONDARY CANOPY

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by: ARF
checked by: CLC
approved by: CLC
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SHEET
7 of 10

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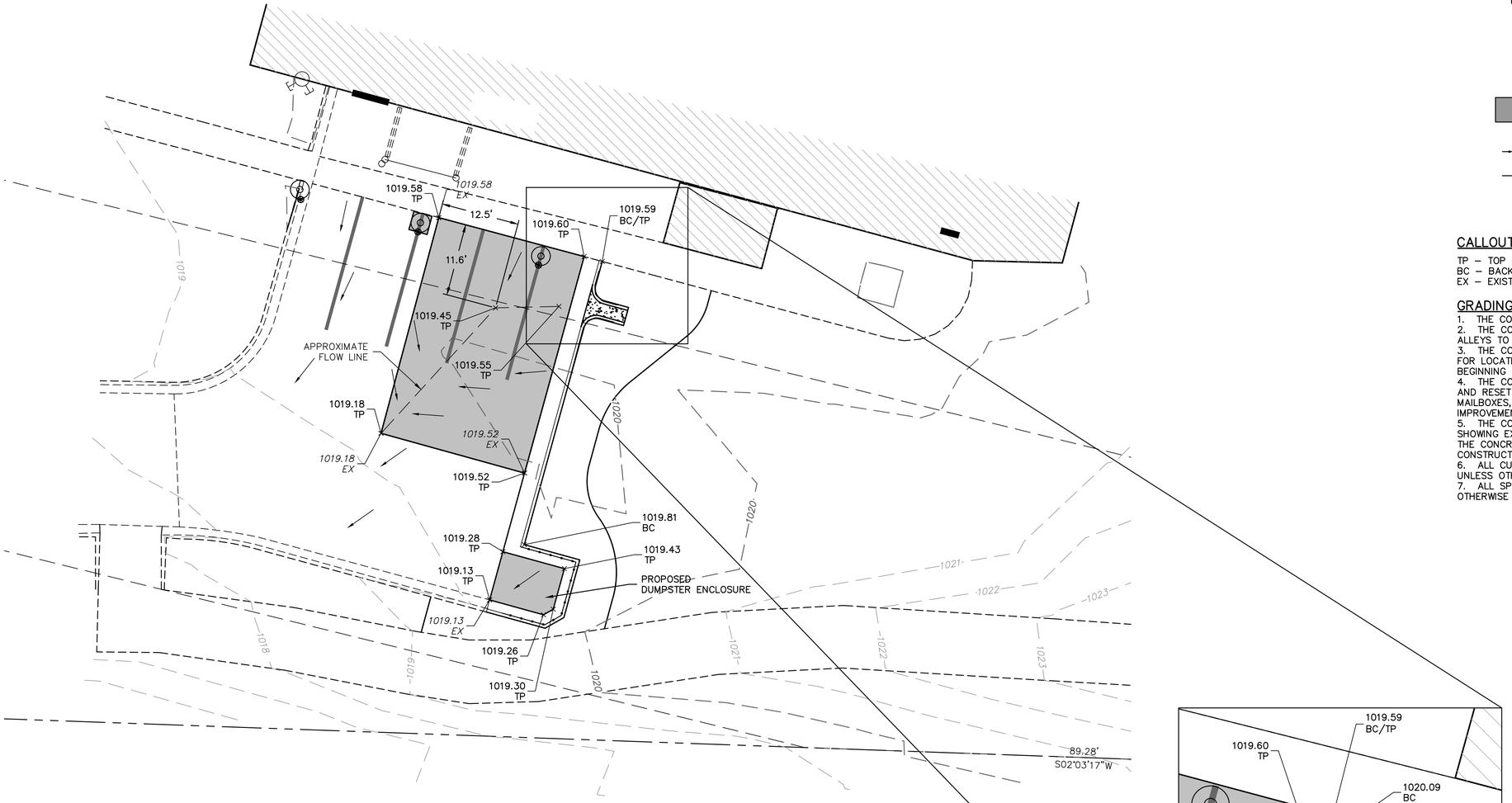

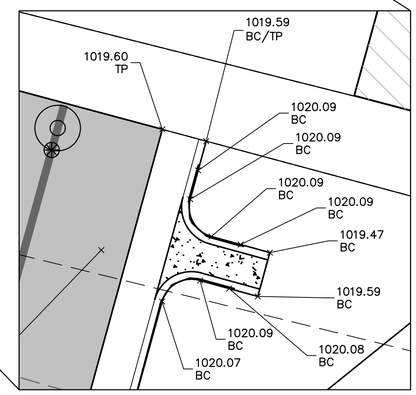

SCALE:
1"=5'

N

0' 5' 10' 20'
SCALE IN FEET

LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED FENCING
- EXISTING BOUNDARY LINE
- FLOW ARROW

CALLOUT LEGEND

TP – TOP OF PAVEMENT
BC – BACK OF CURB
EX – EXISTING TOP OF PAVEMENT

GRADING CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL SET ALL LINE AND GRADE STAKES.
2. THE CONTRACTOR SHALL GRADE ALL EXISTING STREETS AND ALLEYS TO MEET NEW CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR LOCATION OF ALL UNDERGROUND UTILITY SERVICES BEFORE BEGINNING EXCAVATION.
4. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL REMOVE AND RESET ALL FENCES, POSTS, CULVERTS, STREET MARKERS, MAILBOXES, AND THE LIKE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS.
5. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER A PLAN SHOWING EXPANSION AND CONSTRUCTION JOINT LOCATIONS FOR THE CONCRETE PAVEMENT CONSTRUCTION PRIOR TO BEGINNING CONSTRUCTION.
6. ALL CURB RADIUS DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE NOTED.
7. ALL SPOT ELEVATIONS ARE TO TOP OF PAVEMENT UNLESS OTHERWISE STATED.

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REVISIONS

GRADING PLAN

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by:	ARF
checked by:	CLC
approved by:	CLC
QA/QC by:	ENG
project no.:	A17-0642
drawing no.:	C_GRD_A170642
date:	12/30/2020

SHEET
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DWG: F:\2017\0501-1000\017-0642-A\40-Design\AutoCAD\Final Plans\Sheets\GNCV\C_GRD_A170642.dwg USER: aflorian
DATE: Dec 30, 2020 9:24am XREFS: 111148_xbou water easement C_PTBLK_A170642 V_XTOPO_A170642
C_PBASE_A170642 C_PHTCH_A170642 C_PAWN_A170642

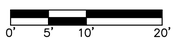
SOD NOTES

1. UNLESS OTHERWISE NOTED ON PLANS, ALL DISTURBED AREAS SHALL BE SODDED WITH TURF–TYPE TALL FESCUE SOD WITH A MINIMUM OF 3 CULTIVARS.
2. ALL LAWN AREAS SHALL RECEIVE A MINIMUM 6–INCH DEPTH OF TOPSOIL COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
3. THE ENTIRE SURFACE TO BE SODDED SHALL BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
4. SOD SHALL BE MACHINE STRIPPED AT A UNIFORM SOIL THICKNESS OF APPROXIMATELY ONE INCH (PLUS OR MINUS 1/4–INCH). THE MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH, AND SHALL BE DETERMINED AT THE TIME OF CUTTING IN THE FIELD. PRECAUTIONS SHALL BE TAKEN TO PREVENT DRYING AND HEATING. SOD DAMAGED BY HEAT AND DRY CONDITIONS, AND SOD CUT MORE THAN 18 HOURS BEFORE BEING INCORPORATED INTO THE WORK SHALL NOT BE USED.
5. HANDLING OF SOD SHALL BE DONE IN A MANNER THAT WILL PREVENT TEARING, BREAKING, DRYING AND OTHER DAMAGE. PROTECT EXPOSED ROOTS FROM DEHYDRATION. DO NOT DELIVER MORE SOD THAN CAN BE LAID WITHIN 24 HOURS.
6. MOISTEN PREPARED SURFACE IMMEDIATELY PRIOR TO LAYING SOD. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE INSTALLING SOD. FERTILIZE, HARROW OR RAKE FERTILIZER IN THE TOP 1–1/2–INCHES OF TOPSOIL, AT A UNIFORM RATE OF ONE POUND OF NITROGEN PER 1000 S.F.
7. SOD SHALL BE CAREFULLY PLACED IN THE DIRECT PARALLEL WITH THE SLOPE OF THE AREA TO BE SODDED. SOD STRIPS SHALL BE BUTTED TOGETHER BUT NOT OVERLAPPED WITH THE SEAMS STAGGERED ON EACH ROW.
8. FERTILIZER SHALL BE 20–10–5 COMMERCIAL FERTILIZER OF THE GRADE, TYPE, AND FORM SPECIFIED AND SHALL COMPLY WITH THE RULES OF THE STATE OF MISSOURI DEPT. OF AGRICULTURE. FERTILIZER SHALL BE IDENTIFIED ACCORDING TO THE PERCENT N, P, K, IN THAT ORDER.
9. ALL SOD ON SLOPED GREATER THAN 5:1 SHALL BE STAKES.
10. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF FOUR INCHES BELOW SOD.
11. CONTRACTOR SHALL PROVIDE FULL MAINTENANCE FOR SODDED TURF GRASS FOR A PERIOD OF 60 DAYS AFTER THE DATE OF FINAL ACCEPTANCE OR STORE OPENING, WHICHEVER IS GREATER. AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, WELL–ROOTED, EVEN–COLORED, VIABLE TURF MUST BE ESTABLISHED. THE TURF GRASS SHALL BE FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE REGULATIONS



LEGEND





REINSTALL EXISTING HOLLY AT THIS LOCATION FOLLOWING CONSTRUCTION

REINSTALL EXISTING BOXWOOD AT THIS LOCATION FOLLOWING CONSTRUCTION

EXISTING SHRUB TO REMAIN IN PLACE

EXISTING SHRUB TO REMAIN IN PLACE

LANDSCAPE NOTES

1. ALL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
2. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITY LINES AND OTHER ABOVE OR BELOW GROUND OBSTRUCTIONS SO THAT PROPER PRECAUTIONS SHALL BE TAKEN NOT TO DISTURB OR DAMAGE SUCH IMPROVEMENTS. REFER TO CIVIL AND MEP DRAWINGS FOR PROPOSED AND EXISTING UTILITY LOCATIONS.
3. STANDARDS SET FORTH IN "AMERICAN STANDARDS FOR NURSERY STOCK" REPRESENT GENERAL GUIDELINE SPECIFICATIONS ONLY AND WILL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
4. THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
5. ALL TREES SHALL BE CALIPERED AND UNDERSIZED TREES SHALL BE REJECTED. SPECIFIED CALIPER MEASUREMENT FOR TREES SHALL BE MEASURED AT 6" ABOVE THE GRADE.
6. ANY MATERIAL WHICH DIES, OR DEFOLIATES (PRIOR TO ACCEPTANCE OF THE WORK) WILL BE PROMPTLY REMOVED AND REPLACED.
7. THE CONTRACTOR IS RESPONSIBLE FOR SOIL SAMPLING AND TESTING TO DETERMINE EXACT FERTILIZER REQUIREMENTS.
8. PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE CITY AND LOCAL GOVERNING BODIES. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN.
9. THE LANDSCAPE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
10. BACKFILL TREE AND SHRUB PITS WITH A PREPARED PLANTING MIX AS FOLLOWS UNLESS NOTED OTHERWISE:
    2 PARTS BY VOLUME TOPSOIL
    1 PART BY VOLUME BROWN RIVER SAND
    1 PART BY VOLUME PEAT MOSS
    1 LB. COMMERCIAL FERTILIZER PER CY OF MIX.
11. A PRE–EMERGENT HERBICIDE SHALL BE APPLIED TO ALL SHRUB BEDS PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
12. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 6" OF IMPORTED OR STOCKPILED FINELY GRADED TOPSOIL. ALL PLANTING BEDS AND TREE PITS SHALL RECEIVE A MINIMUM OF 24" OF THE SPECIFIED PLANTING MIX.
13. ALL LANDSCAPE PLANTING AREAS, EXCLUDING TURF AREAS SHALL BE MULCHED WITH A 3" LAYER OF SHREDDED HARDWOOD MULCH AFTER INSTALLATION OF PLANT MATERIAL. REFER TO PLANS FOR LOCATION OF MULCH.
14. INSTALL BED EDGING TO SEPARATE ALL MULCHED PLANTING AREAS FROM TURF AREAS. REFER TO DETAIL ON THIS SHEET. REFER TO PLAN FOR STEEL EDGING LOCATIONS.
15. INSTALL WOVEN BLACK LANDSCAPE WEED BARRIER FABRIC (DEWITT 20 YEAR, 4.1 OZ. WOVEN WEED BARRIER FABRIC OR EQUAL) IN ALL PLANTING BEDS AND UNDER MULCH AREAS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
16. THE PLAN IS SUBJECT TO CHANGES BASED ON PLANT SIZE AND MATERIAL AVAILABILITY. ANY DEVIATION TO THE APPROVED FINAL LANDSCAPE PLAN SHALL REQUIRE THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
17. LANDSCAPE CONTRACTOR SHALL PROVIDE UNIT COSTS AND POSSIBLE ALTERNATES FOR PLANT MATERIAL TO THE LANDSCAPE ARCHITECT.
18. KILL AND REMOVE ALL EXISTING WEEDS FROM THE SITE AREA PRIOR TO PLANTING.
19. THE ENTIRE SURFACE TO BE PLANTED OR SEEDED SHALL BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
20. ALL DISTURBED AREAS OF THE SITE, EXCEPT SHRUBBED AREAS, SHALL BE SODDED WITH AN IMPROVED TURF–TYPE TALL FESCUE
21. LANDSCAPE AND LAWN INSTALLATION SEASON RUNS FROM MARCH 1ST TO JUNE 1ST AND SEPTEMBER 1ST TO NOVEMBER 1ST.
22. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETELY MAINTAINING THE WORK (INCLUDING BUT NOT LIMITED TO; WATERING, MULCHING, SPRAYING, FERTILIZING, ETC.) OF ALL PLANTING AND TURF AREAS UNTIL TOTAL ACCEPTANCE OF THE WORK BY THE LANDSCAPE ARCHITECT AND OWNER.
23. LANDSCAPE CONTRACTOR IS TO BE RESPONSIBLE FOR WATERING ALL PLANT MATERIALS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
24. CONTRACTOR WILL STAKE OR MARK ALL PLANT MATERIAL LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL HAVE OWNERS REPRESENTATIVE APPROVE ALL STAKING PRIOR TO INSTALLATION.
25. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

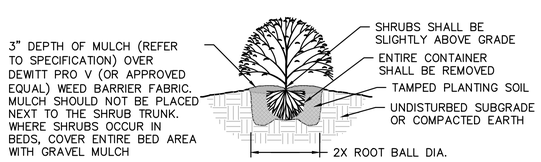
NOTE:
Substantial completion date for site work may vary from that of the building substantial completion date. Coordinate with Architect for completion dates. This site will not have a permanent irrigation system. Contractor shall use whatever means necessary (including a temporary irrigation system) to achieve the following water application until establishment per the specification.

Water sod regularly to maintain an adequate supply of moisture penetration through sod into top 6 inches of topsoil. Adequate moisture supply during Fall and Spring planting dates is the equivalent of one inch of absorbed water per week either through natural rainfall or augmented by periodic waterings. Apply water at a moderate rate so as not to displace the mulch or flood the turf areas. Adequate moisture should be divided into two to three waterings per week, as directed by the Owner's Representative. During the summer (June 2 through August 31) watering may be required on a daily basis, as directed by the Owner's Representative. During the winter months confer with the Owner's Representative regarding the frequency of watering.

Sodded areas are properly established such that within any 10' x 10' area of turf there is less than 5% weed coverage; sod is free of bare and dead spots and is without weeds; and no surface soil is visible when grass has been cut to height of 2–1/2 inches.

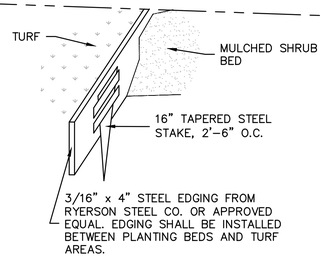
GENERAL CONTRACTOR IS RESPONSIBLE FOR CARE OF THE INSTALLED SOD FOR A MINIMUM OF 60 DAYS.

Refer to specifications for additional information.

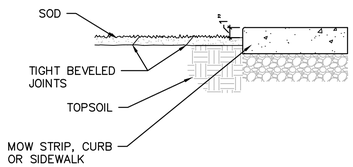


SHRUB PLANTING DETAIL
NOT TO SCALE

NOTES:
1. MINIMUM ROOT SPREAD TO BE IN ACCORDANCE WITH AAN STANDARDS
2. PRUNE DAMAGED LIMBS OR ROOTS AFTER INSTALLATION
3. MAKE SURE ROOTS DO NOT DRY OUT DURING INSTALLATION
4. SOAK GENEROUSLY TO COMPACT AND SETTLE



STEEL EDGING DETAIL
(AROUND PERIMETER OF SHRUB PLANTING BED)
NOT TO SCALE



SOD INSTALLATION
NOT TO SCALE

MISSOURI ONE CALL SYSTEM
1-800-DIG-RITE = 811
www.mo1call.com

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STATE OF MISSOURI
JANE K. DONEY EARNHART
NUMBER LA–00013
LANDSCAPE ARCHITECT
12-30-2020

JANE K. DONEY EARNHART
LANDSCAPE ARCHITECT
MO# LA–00013

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

PLANTING PLAN

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

2020

JOPLIN, MISSOURI

drawn by: ARF
checked by: CLC
approved by: CLC
QA/QC by: ENG
project no.: A17-0642
drawing no.: C_LSC_A170642
date: 12/30/2020

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9 of 10

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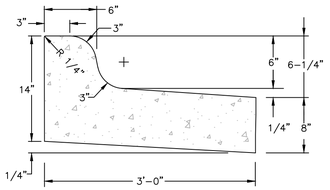
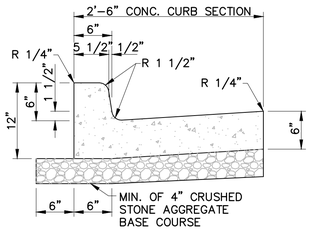
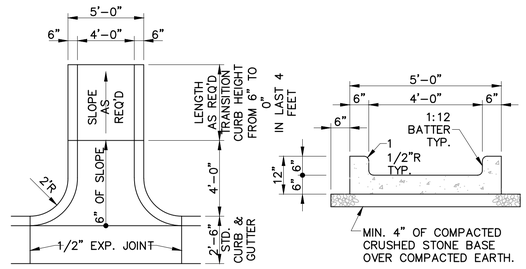


CURB & GUTTER NOTE:
#5 REBAR @ 2'0" O.C. TO BE USED ON ALL CONCRETE PAVEMENT. ASPHALT PAVEMENT – DOWEL SHALL BE OMITTED.

1/4" SPILL CURB & GUTTER DETAIL
NTS

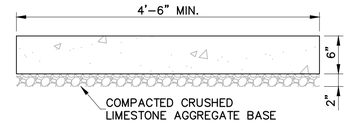


STANDARD CURB AND GUTTER DETAIL
1" = 1'-0"

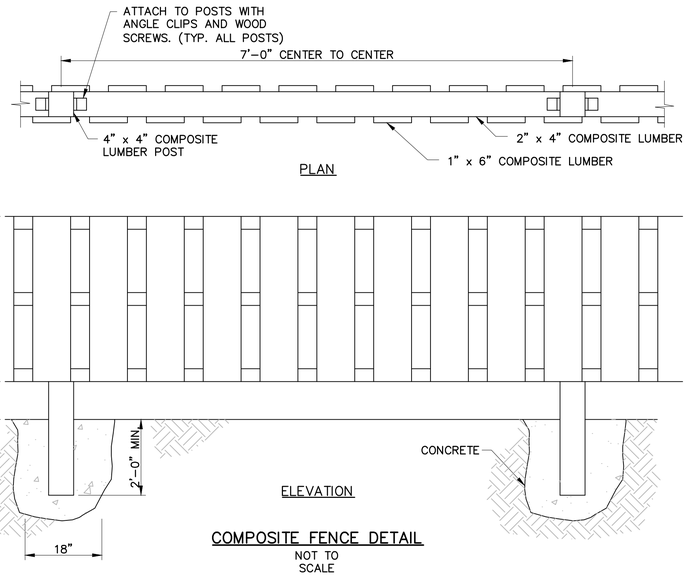


CURB FLUME FOR STD. CURB
N.T.S.

NOTE:
1. CONSTRUCTION EXPANSION JOINT EA. 30' & CONTRACTION JOINT EA. 10'. USE CLASS B CONCRETE AT 28 DAY COMPRESSION TEST.
2. 2% MAXIMUM TO 1% MINIMUM CROSS SLOPE.



CITY OF JOPLIN STANDARD
CLASS "A" BUSINESS SIDEWALK DETAIL
N.T.S.



COMPOSITE FENCE DETAIL
NOT TO SCALE

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TEL 417.781.0643
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STATE OF MISSOURI
CLAYTON LEE CRISTY
NUMBER E-28604
PROFESSIONAL ENGINEER

CLAYTON LEE CRISTY
PROFESSIONAL ENGINEER
MO# E-28604

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
		REVISIONS	

STANDARD DETAILS

JOPLIN SENIOR CENTER
PROPOSED AWNING IMPROVEMENTS

JOPLIN, MISSOURI

2020

drawn by: ARF
checked by: CLC
approved by: CLC
QA/QC by: ENG
project no.: A17-0542
drawing no.: C_DTL_A170642
date: 12/30/2020

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