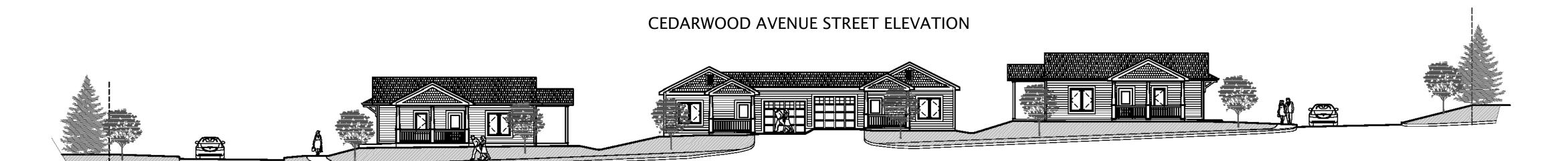
SITE PLAN for CEDARWOOD SENIOR COTTAGES



LEGAL DESCRIPTION

SOUTHRIDGE ADDITION NO. 6, LOT 2, AN ADDITION TO THE CITY OF LAWRENCE, KANSAS

GENERAL NOTES

Douglas County Commissioners

1100 Massachusetts Street Lawrence, Kansas 66044

LAND PLANNER/ENGINEER: Grob Engineering Services, LLC

3210 Mesa Way, Suite A Lawrence, Kansas 66049

Kansas Professional Engineer #12769

- This Site Plan is being submitted as a Major Development Project.
- Aerial and topographic information obtained from aerial survey performed by Sanborn Mapping for the City of Lawrence and Douglas County 2006 and 2013. Site specific information obtain from site
- Project Bench Mark: BM#1 North rim of sanitary manhole, located 100.00' South of the NE corner of Lot "A", Block 7 of Southridge Addition No. 3.
- 4. Typical Soil Type: Mr- Morrill Clay Loam . Existing Land Use: Vacant
- 6. Proposed Land Use: Multi-Dwelling Residential
- 7. Current Zoning: RM-12 Conditional
- 8. Existing utility locations, elevations, and sizes are based on information available at the time the Site Plan was prepared. 9. No part of the property is located within any SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO
- INUNDATION BY THE 1% CHANCE FLOOD per FEMA Flood Insurance Rate Map (FIRM) Panel 159 of 460, Map # 20045C0159D, Map Revised August 5, 2010.
- 10. This Site Plan has been designed to comply with the minimum provisions of the Final Fair Housing Accessibility Guidelines, 24 CFR, Chapter 1, Subchapter A, Appendix II, of the Fair Housing Act of 1968, as amended. This Site Plan has been designed to comply with the provisions of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) for Buildings and Facilities, Appendix A to 28
- 11. Existing and proposed contours generally indicate stormwater flow at the site.
- 12. All disturbed areas not shown for trees and landscaping shall be reseeded with turf type grasses and otherwise restored to their original condition.
- 13. No pole lighting is proposed for this project. Exterior lighting will be building mounted typical residential exterior lighting. Lighting shall be shielded to prevent off-site glare in accordance with Code Section 20-1103 "Outdoor Lights".
- 14. No trash receptacles/enclosures are proposed for this Site Plan. Polycarts will be used for trash collection on this site. The City of Lawrence will not be responsible for pavement damage due to
- 15. Existing mature trees shall be preserved as much as possible during construction of private improvements. Fencing shall be used as appropriate to protect trees within the drip line. No trees shall be planted within 8 feet of any underground City of Lawrence utility. Existing and proposed trees and shrubs shown on this plan that are required landscaping shall be replaced if plantings die.

16. Any proposed sidewalks, curbs and pavements improvements shall meet or exceed City of Lawrence

minimum standards, except where noted. All curb inlets will be constructed per City of Lawrence storm sewer standard details. 17. The detention pond will be privately owned and maintained. The landowner will be responsible for the maintenance of the detention basin. Failure to maintain the detention pond will result in the loss of the stormwater detention credit. The detention pond will remain free of any natural or non-natural

structures or vegetative barriers (including but not limited to trees, shrubbery, berms, fences, and

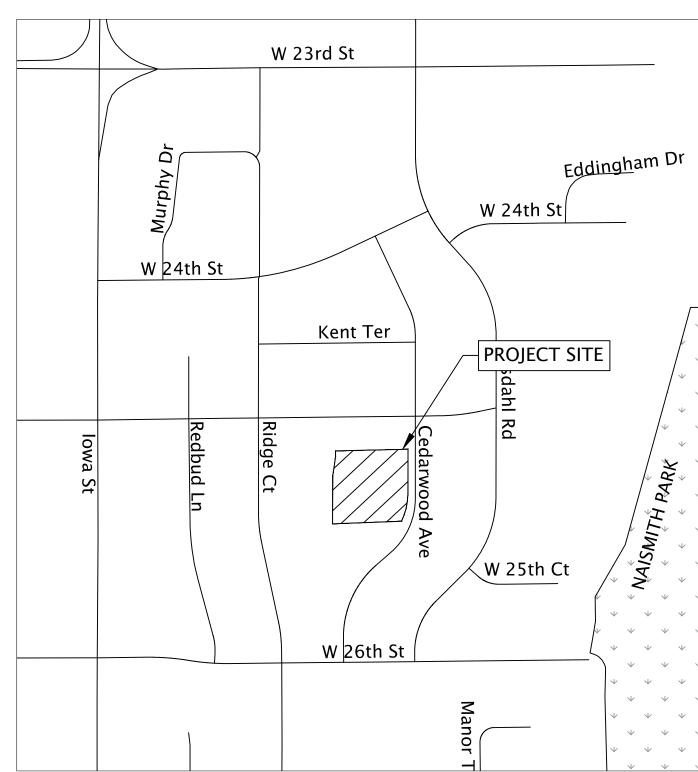
18. A Stormwater Pollution Prevention Plan (SWP3) has been prepared for this project and is included in this Site Plan. All contractors and utilities shall abide by the SWP3 Plan and extreme care shall be

taken to ensure no sediments are allow to enter structures on Cedarwood Avenue.

- 19. Exterior ground-mounted or building mounted equipment including, but not limited to, mechanical equipment, utilities boxes and meters, shall be fully screened from view of adjacent properties and from street rights-of-way (as measured 6 feet above ground level).
- 20. Contractors shall obtain the necessary permits from the City of Lawrence for any work within the street right-of-way.

PERVIOUS/IMPERVIOUS SURFACE SUMMARY				
	AREA (SF)		AREA (SF)	
EXISTING BUILDING	0	PROPOSED BUILDINGS	18,505	
EXISTING PAVEMENT	804	PROPOSED PAVEMENT	27,461	
EXISTING IMPERVIOUS	804	PROPOSED IMPERVIOUS	45,966	
EXISTING PERVIOUS	91,698	PROPOSED PERVIOUS	46,536	
PROPERTY AREA	92,502	PROPERTY AREA	92,502	
BUILDING LOT COVER IMPERVIOUS LOT COVER		BUILDING LOT COVERAGE 20% IMPERVIOUS LOT COVERAGE 49%		

LOCATION MAP AND SURROUNDING AREA



	LEGEND					
—— OHW ——	—— онw ——	OVERHEAD WIRE	S P	SANITARY SEWER MANHOLE	B/B	BACK OF CURB TO BACK OF CU
—— ОНЕ ——	—— ОНЕ ——	OVERHEAD ELECTRICAL	P	STORM MANHOLE	ROW	RIGHT-OF-WAY
——— UGT ———	UGT	UNDERGROUND TELEPHONE	\\$\psi\	STORM DRAIN	C/L	CENTERLINE
—— GAS ——	GAS	GAS	Ø ^{GA}	GUY ANCHOR	D/E	DRAINAGE EASEMENT
w	w	WATERLINE	\Diamond	UTILITY POLE	U/E	UTILITY EASEMENT
SAN	SAN	SANITARY SEWER LINE	Ø ^{WM}	WATER METER	(P)	PLATTED
ss	ss	SANITARY SEWER SERVICE	ø ^{W∨}	WATER VALVE	(M)	MEASURED
STM	STM	STORMWATER LINE	Ø ^{FH}	FIRE HYDRANT	(C)	CALCULATED
—— вѕв ——	—— BSB ——	BUILDING SETBACK	⊛	TRAFFIC SIGNAL STR.		PROPERTY PIN
		- CENTER LINE	Ø ^{G∨}	GAS VALVE		
		PROPERTY LINE	Ø ^{GM}	GAS METER		
		- EASEMENT	Ø ^{LP}	LIGHT POLE		
			-	SIGN		
			E	ELECTRIC BOX		
NOTE: "X" IN UTI	LITY DENOTES E	XISTING FEATURE	C	CABLE TV BOX		

PAVING/SURFACING SCHEDULE			
SYMBOL AREAS AND PAVING MATERIAL			
Δ	8" CONCRETE PAVING AT STREET APPROACH		
	4" CONCRETE AT ALL SIDEWALKS		
	6" CONCRETE OR 7" FULL DEPTH ASPHALT IN DRIVE LANES 5" CONCRETE OR 5.5" FULL DEPTH ASPHALT IN PARKING		

LANDSCAPING SCHEDULE				
SYMBOL	QUANT.	NAME	SIZE & COND	
* 8	SEE PLAN	EXISTING TREES TO BE REMOVED		
※ ①	SEE PLAN	EXISTING CONIFEROUS AND DECIDUOUS TREES TO REMAIN	VARIES	
	8	LEGACY SUGAR MAPLE, LACEBARK ELM, SHUMARD OAK, SUMMERSHADE NORWAY MAPLE, GREENSPIRE LINDEN, LONDON PLANE TREE, OR APPROVED EQUAL (3 SPECIES MINIMUM)	2.5" CAL - B&B	
	4	BOSNIAN PINE, THUJA ARBORVITAE GREEN GIANT, NORWAY SPRUCE, EASTERN WHITE PINE, OR APPOVED EQUAL EVERGREEN TYPE TREE	6' HT B&B	
	15	EASTERN REDBUD, FLOWER CRABAPPLE, ROYAL RAINDROPS CRABAPPLE, AMUR MAPLE, OR APPROVED EQUAL ORNAMENTAL TYPE TREE	1.75" CAL - B&B	
0	36	SEA GREEN JUNIPER, EUONYMUS - BURNING BUSH, OR APPROVED EQUAL	2 Gal.	
	64	SEA GREEN JUNIPER, TAM JUNIPER, MAGIC CARPET SPIREA, KNOCK-OUT ROSES, OR APPROVED EQUAL	2 Gal.	
	30	BIO-RETENTION RAINGARDEN - LITTLE BLUESTEM, PURPLE CONEFLOWER, MARSH MILKWEED, BLACKHAW VIBURNUM, FEATHER REED GRASS, PRAIRIE BLAZING STAR, OR APPROVED EQUAL AS DEFINED BY OWNER	1 Gal.	
	SEE PLAN	DECORATIVE ROCK BETWEEN DRIVEWAYS 4" DEPTH TYP.		
		ALL UNPAVED AREAS SHALL BE PLANTED WITH TURF GRASSES		
STREE	T TREES	AND BUFFERYARD LANDSC	APING REQ.	

REQUIREMENT REQUIRED PROVIDED **CEDARWOOD AVENUE STREET TREES** 304' FRONTAGE=8 TREES 1 TREE/40 L.F. 8 TREES NORTH PROPERTY LINE BUFFERYARD LANDSCAPING - TYPE 1 - 15FT. 3 TREES & 8 SHRUBS/100 L.F. | 281' = 9 TREES & 23 SHRUBS | 9 TREES/24 SHRUBS

(2 EX. TREES) SOUTH PROPERTY LINE BUFFERYARD LANDSCAPING - TYPE 1 - 15FT. 3 TREES & 8 SHRUBS/100 L.F. | 293' = 9 TREES & 24 SHRUBS | 9 TREES/24 SHRUBS (2 EX. TREES) WEST PROPERTY LINE BUFFERYARD LANDSCAPING - TYPE 1 - 20FT.

3 TREES & 7 SHRUBS/100 L.F. 314' = 10 TREES & 22 SHRUBS SHRUBS (1 EX. TREE) THE NORTH 58' OF BUFFERYARD IS LESS THAN 20 FEET WIDE. AS ALTERNATE COMPLIANCE, A 3' DOUBLE-SIDED WOOD FENCE WILL BE INSTALLED IN THIS AREA.

PARKING SUMMARY			
PARKING REQUIREMENT	QUANTITIES	REQ. PARKING	
1 PER BEDROOM PLUS 1 PER 10 UNITS	23 BDRMS/14 UNITS	25	
BICYCLE PARKING 1 PER 4 SPACES	16	4	
PARKING PROVIDED			
VAN ACCESSIBLE ADA SPACES	1		
STANDARD SPACES	6		
GARAGE PARKING SPACES	10		
DRIVEWAY PARKING SPACES	10		
TOTAL PARKING SPACES	27		
BICYCLE PARKING	4		

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Approved and Released Case No. Approval Date:_ Release Date:_ Planner: _____of____Sheets City of Lawrence Douglas County Asst./Director:

SHEET INDEX

- 1. COVER SHEET 2. EXISTING CONDITIONS AND DEMOLITION PLAN
- 3. LAYOUT PLAN
- 4. GRADING PLAN
- 5. UTILITIES PLAN 6. LANDSCAPING PLAN
- 7. STORMWATER POLLUTION PREVENTION PLAN

DESIGNED BY

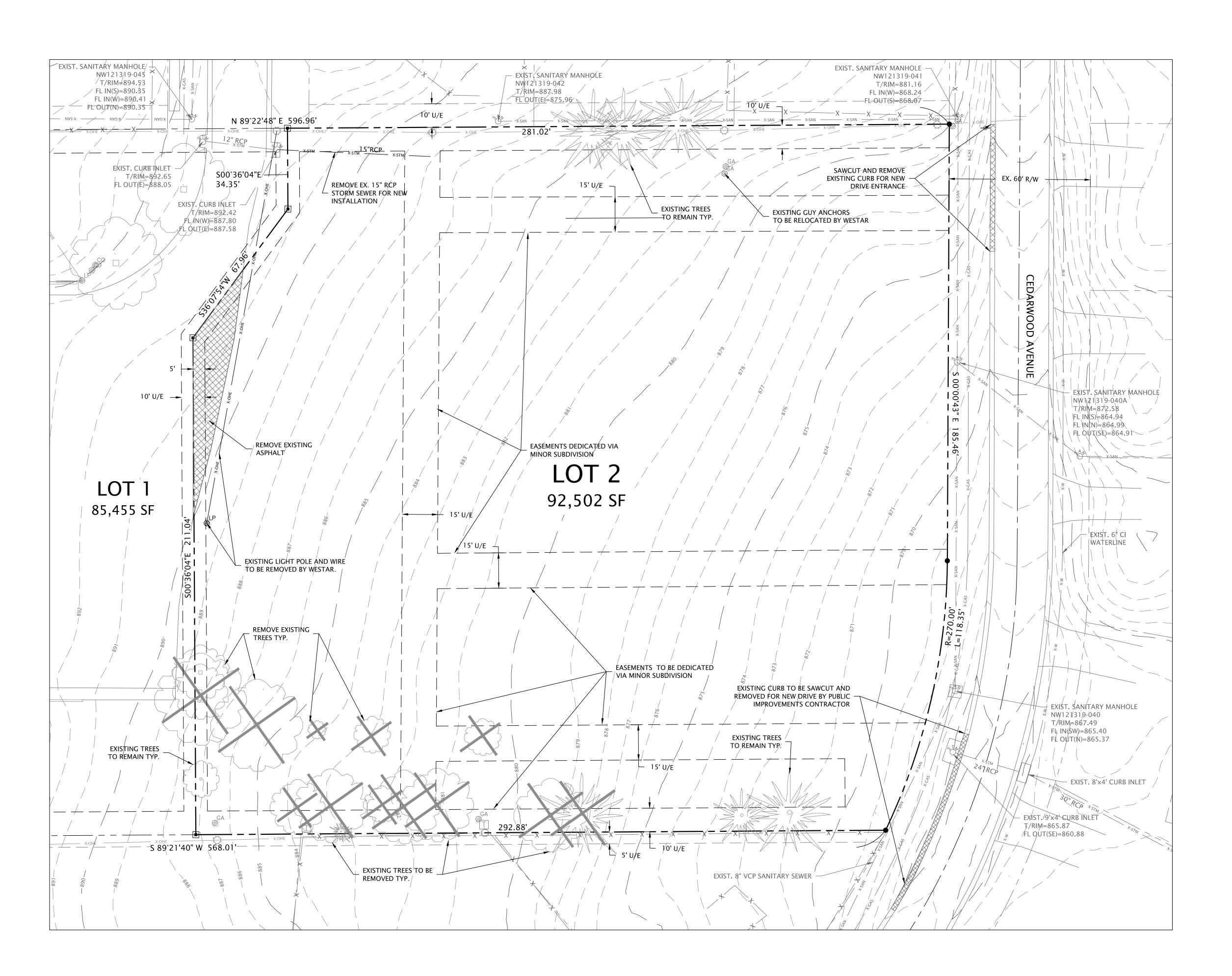
BCK/JDG

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ISSUE DATE NOVEMBER 26, 2014

REVISIONS **DECEMBER 24, 2014 JANUARY 23, 2015**



EXISTING CONDITIONS AND DEMOLITION PLAN

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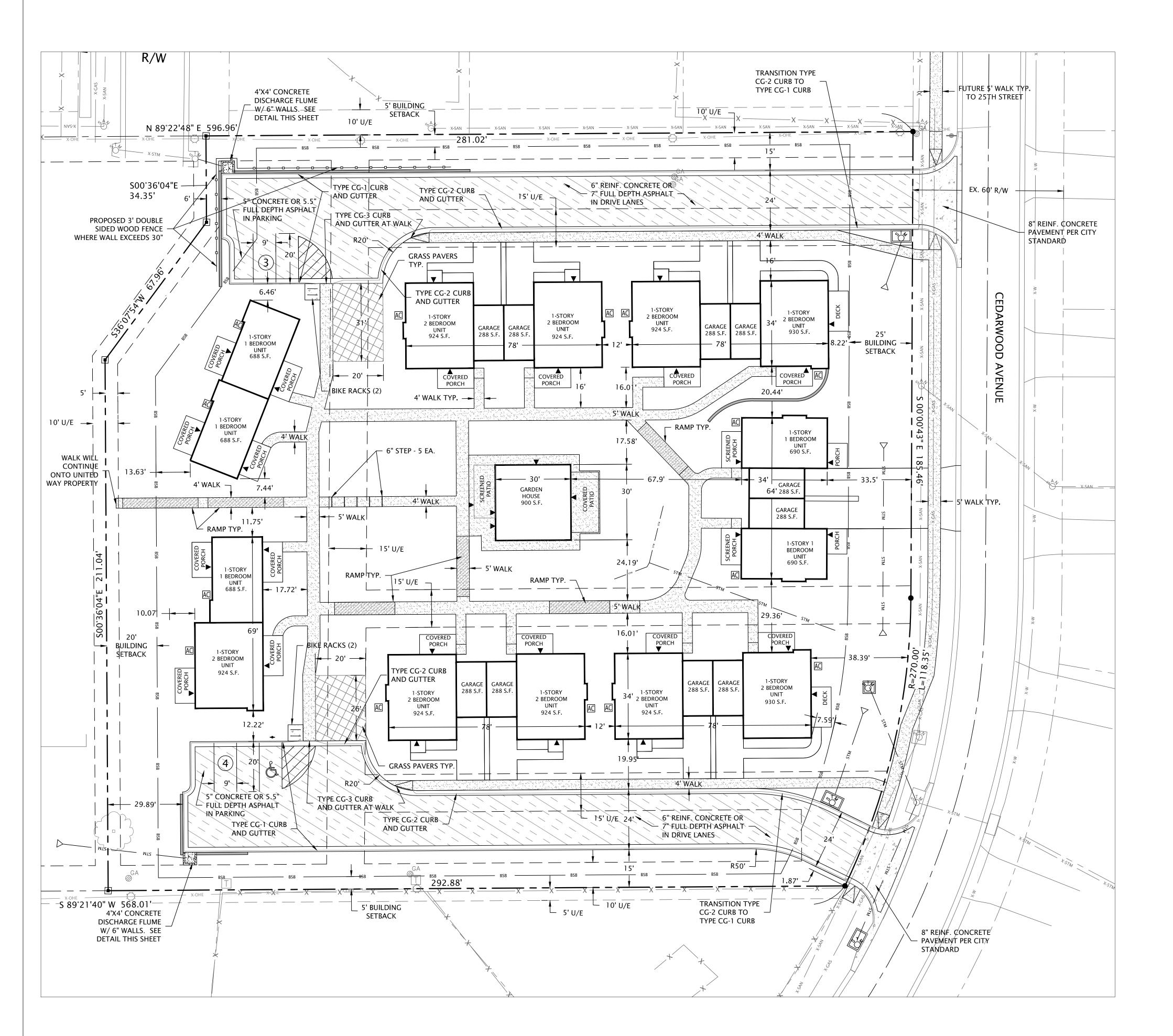
CEDARWOOD 2525 CED/

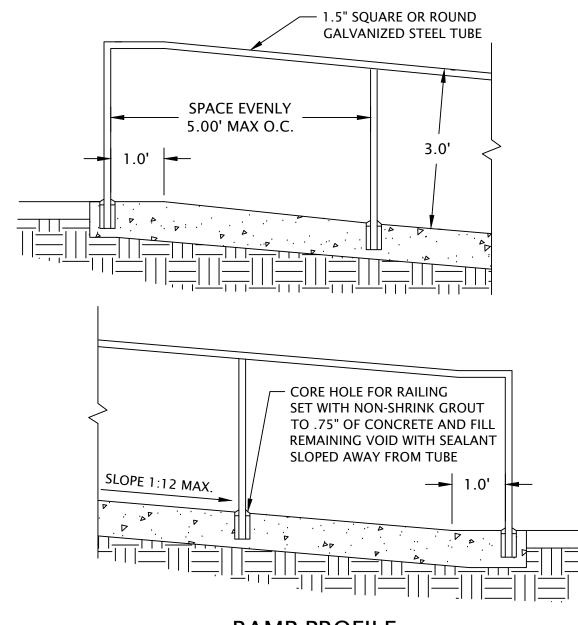
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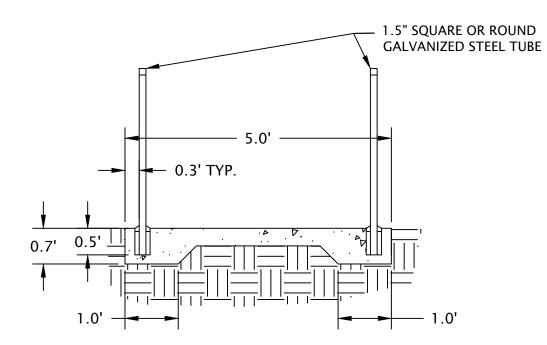
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RAMP PROFILE NOT TO SCALE



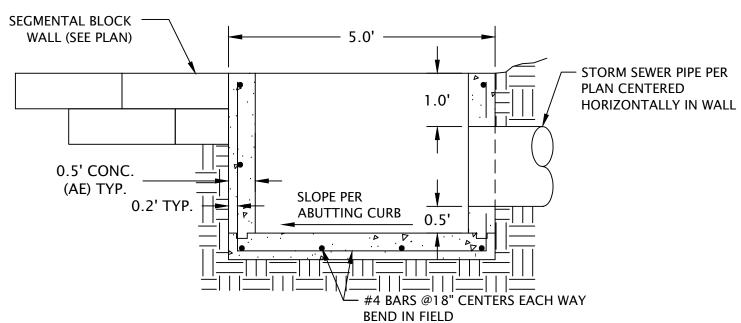
RAMP SECTION

NOT TO SCALE

1. EXPANSION JOINTS SHALL BE PLACED WHERE RAMP ABUTS SIDEWALK.

2 EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, EXTENDING THE FULL DEPTH OF THE SLAB, AND SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS.

3. CONTRACTOR OPTION TO POUR ENTIRE RAMP AT MAX THICKNESS SHOWN. 4. HANDRAIL MATERIALS AND DETAILING MAY VARY PER OWNER'S OPTION.



DISCHARGE FLUME

NOT TO SCALE

1. EXPANSION JOINTS SHALL BE PLACED AT OPENING WHERE STRUCTURE ABUTS CURB.

2 EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, EXTENDING THE FULL DEPTH OF THE SLAB, AND SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. 3. ALL EXPOSED CORNERS OF WALL SHALL BE CHAMFERED. (I.E.; BOTH SIDES, TOP AND CORNERS.)

LAYOUT PLAN

M Z M O E S

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> ARWOOD AVENUE ENCE, KANSAS ARWOOD S 2525 CEDA LAWRE CED,

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CEDARWOOD SENIOR COTTAGE:
2525 CEDARWOOD AVENUE
LAWRENCE, KANSAS

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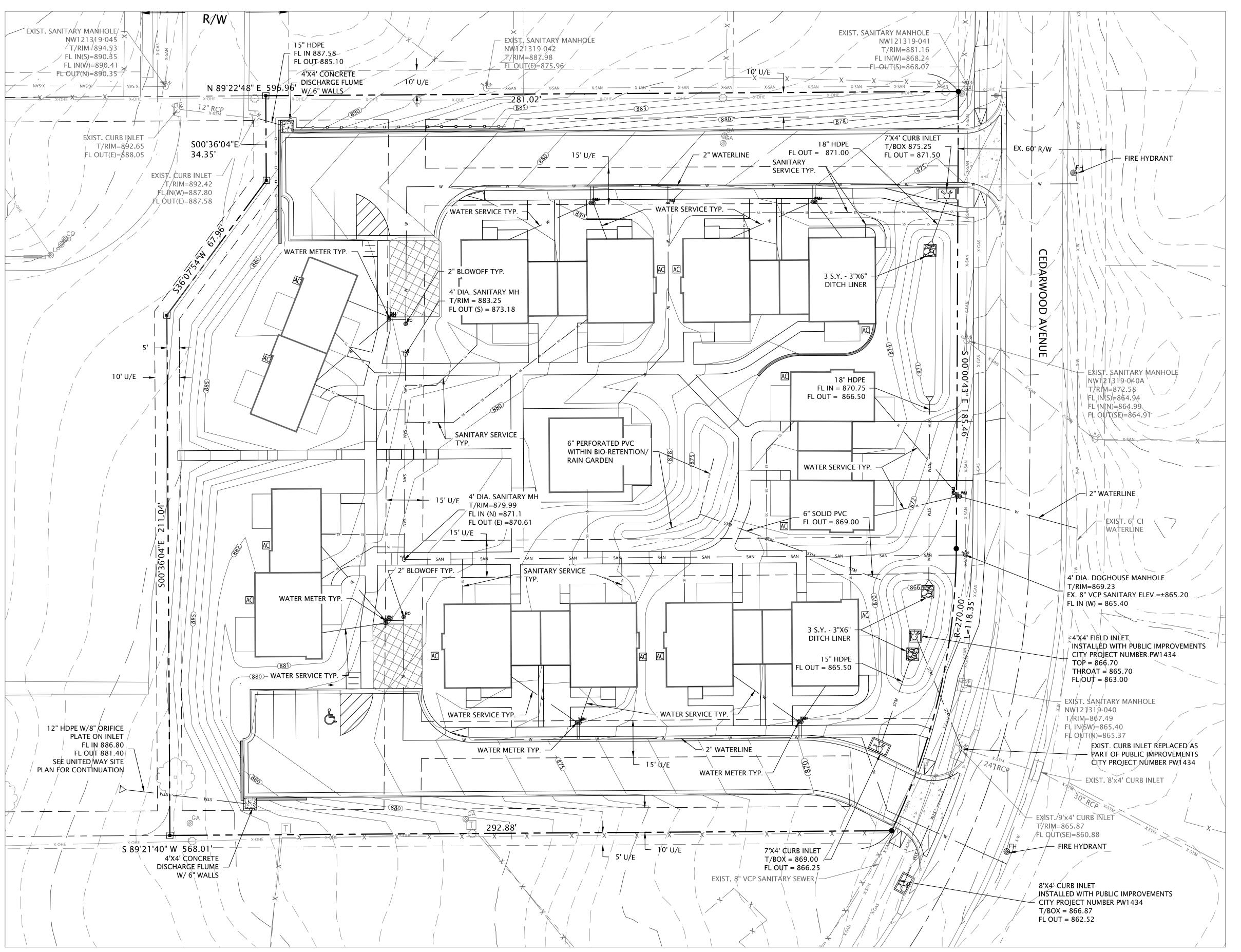
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JANUARY 23, 2015

SHEET

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GRADING PLAN



1. SANITARY SEWER TO BE INSTALLED PER CITY PROJECT NUMBER 14S009. 2. 2" WATERLINE, METERS, AND FIRE HYDRANT TO BE

INSTALLED PER CITY PROJECT NUMBER 14W006.

UTILITIES PLAN

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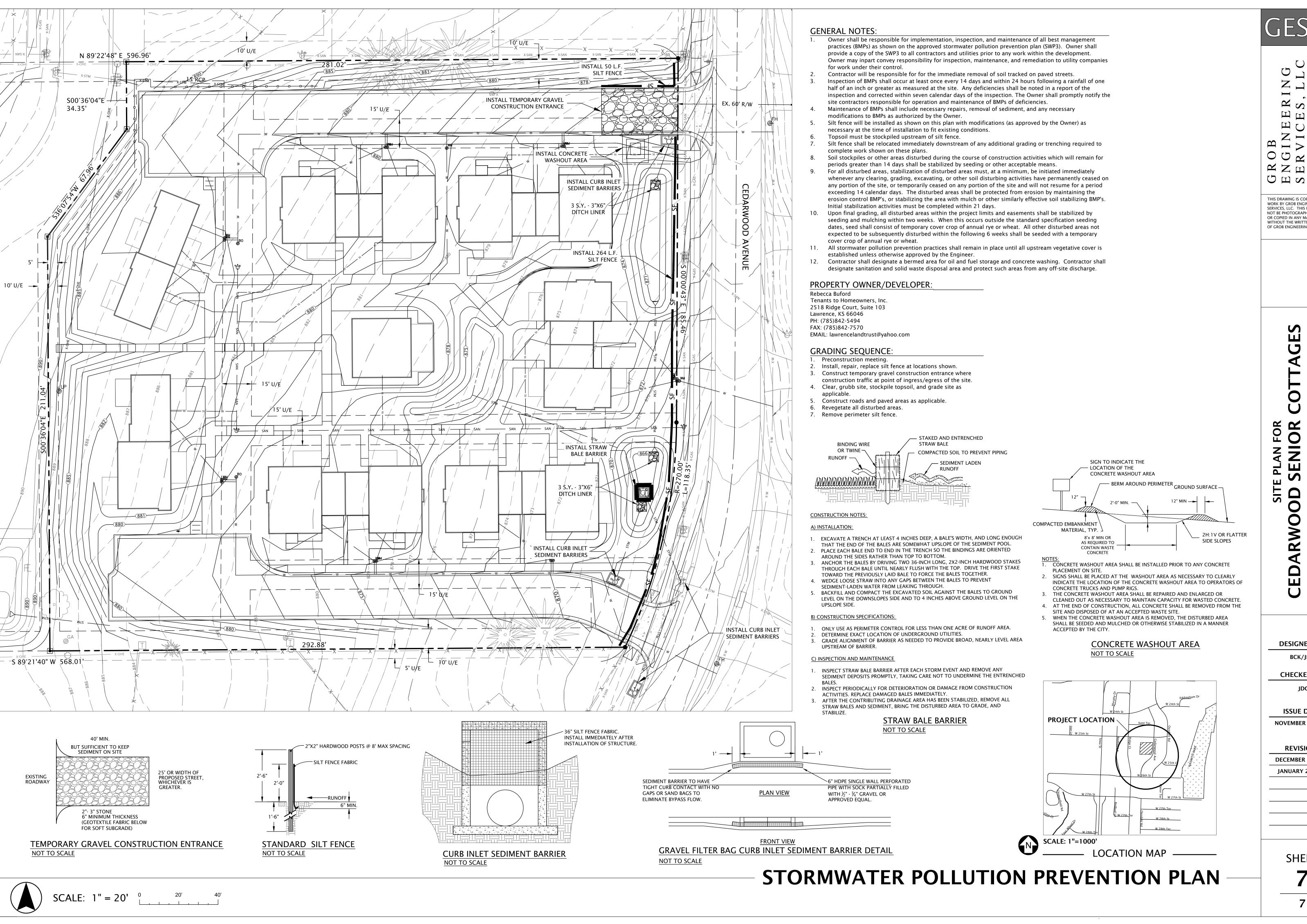
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LANDSCAPING PLAN



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