

CADD QUALIFICATION

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SUBMITTAL/REVISIONS

04/20/2020 CITY SUBMITTAL
05/12/2020 REVISED CITY SUBMITTAL

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my supervision and that I am a duly Licensed Professional Engineer in the State of Minnesota.

Licensed Professional Engineer: Van Dell - PE 41352

QUALITY CONTROL

Loecks Project No. 20001.00
Project Lead VJV
Drawn By MJS
Checked By VJV
Review Date

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PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	
	NP	2	NORTHERN PIN OAK	Quercus ellipsoidalis	B & B	2.5" Cal	
	QA	3	QUAKING ASPEN	Populus tremuloides	B & B	2.5" Cal	
	SGM	2	SIENNA GLEN MAPLE	Acer freemanii 'Sienna Glen'	B & B	2.5" Cal	
	QB	3	SWAMP WHITE OAK	Quercus bicolor	B & B	2.5" Cal	
	BW2	3	WHITESPIRE BIRCH	Betula populifolia 'Whitespire'	B & B	2.5" Cal	
SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	AD	25	ARCTIC FIRE DOGWOOD	Cornus sericea 'Arctic Fire'	5 gal	24" HGT	48" o.c.
	SM	10	FIRE LIGHT SPIREA	Spiraea x 'Fire Light'	5 gal	24" HGT	24" o.c.
	MIW	7	MINUET WEIGELA	Weigela florida 'Minuet'	5 gal	18" HGT	36" o.c.
	NFS	16	NEON FLASH SPIREA	Spiraea japonica 'Neon Flash'	5 gal	24" HGT	36" o.c.
	CT	25	TOM THUMB COTONEASTER	Cotoneaster apiculatus 'Tom Thumb'	5 gal	24" SPRD	42" o.c.
GRASSES	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	BBL	17	BIG BLUESTEM	Andropogon gerardii	1 gal		30" o.c.
	SSG	7	SHENANDOAH SWITCH GRASS	Panicum virgatum 'Shenandoah'	1 gal		36" o.c.
VINE/ESPALIER	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	PR2	14	BOSTON IVY	Parthenocissus tricuspidata 'Robusta'	3 gal	24" HGT	96" o.c.
PERENNIALS	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	AFS	12	AUTUMN FIRE SEDUM	Sedum x 'Autumn Fire'	1 gal		24" o.c.
	BE	6	BLACK EYED SUSAN	Rudbeckia fulgida 'Goldstrum'	1 gal		24" o.c.
	PES	11	PURPLE EMPEROR SEDUM	Sedum 'Purple Emperor'	1 gal		24" o.c.
GROUND COVERS	CODE	COMMON NAME	BOTANICAL NAME				
	SM 1	STONE MULCH CRUSHED GRAY ROCK 1/4" MINUS 3" DEPTH					
	SOD	TURF SOD					

LANDSCAPE DATA:

CITY REQUIREMENTS:

CANOPY OR EVERGREEN TREES - GREATER OF:
1 TREE PER 1,000 SF. OF GROSS BUILDING AREA
(5,850 SF. / 1,000 SF. = 6 TREES)
OR
1 TREE PER 50 LF. OF SITE PERIMETER
(660 LF. / 50 LF. = 13 TREES)
* UP TO 25% OF REQUIRED CANOPY TREES MAY BE SUBSTITUTED WITH ORNAMENTAL TREES.

SHRUBS - GREATER OF:

6 SHRUBS PER 1,000 SF. GROSS BUILDING AREA
(5,850 SF. / 1,000 SF. = 5.8 6 x 6 = 36 SHRUBS)
OR
6 SHRUBS PER 50 LF. OF SITE PERIMETER
(660 LF. / 50 LF. = 13.2 13 X 6 = 78 SHRUBS)

SCREENING OF PARKING LOTS & DRIVE LANES -

ALL OFF STREET PARKING AND DRIVE LANES LOCATED WITHIN 30 FEET OF ANY PARCEL THAT IS ZONED RESIDENTIAL AND USED FOR RESIDENTIAL SHALL BE SCREENED WITH LANDSCAPING AND A SOLID FENCE OR WALL A MINIMUM OF 8 FEET IN HEIGHT IN THE SIDE AND REAR.

SCREENING OF REFUSE HANDLING -

SHALL BE SCREENED 100% FROM ALL OFF-SITE VIEWS YEAR ROUND. IN ADDITION TO LANDSCAPING, EXTERIOR REFUSE HANDLING SHALL BE SCREENED WITH A 6 FOOT WALL OR PRIVACY FENCE.

PARKING AREAS & ISLANDS:

LANDSCAPE ISLANDS ARE REQUIRED AT THE END OF EACH ROW OF CARS, WITH A MINIMUM OF 180 SF. IN SIZE AND MINIMUM WIDTH OF 5 FEET. A MINIMUM OF 2 CANOPY TREES PER ISLAND AND A COMPLIMENT OF SHRUBS, PERENNIALS, OR ORNAMENTAL GRASSES.

LANDSCAPE SUMMARY:

TREES:
REQUIRED - 13 CANOPY OR EVERGREEN
PROVIDED - 13 CANOPY

SHRUBS:
REQUIRED - 78 SHRUBS
PROVIDED - 83 SHRUBS

GENERAL NOTES:

CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. HE SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.

VERIFY LAYOUT AND ANY DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.

ASSURE COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.

CONTRACTOR SHALL PROTECT ALL EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. ANY DAMAGE TO SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.

CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF ALL UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS (MINIMUM 10' - 0" CLEARANCE).

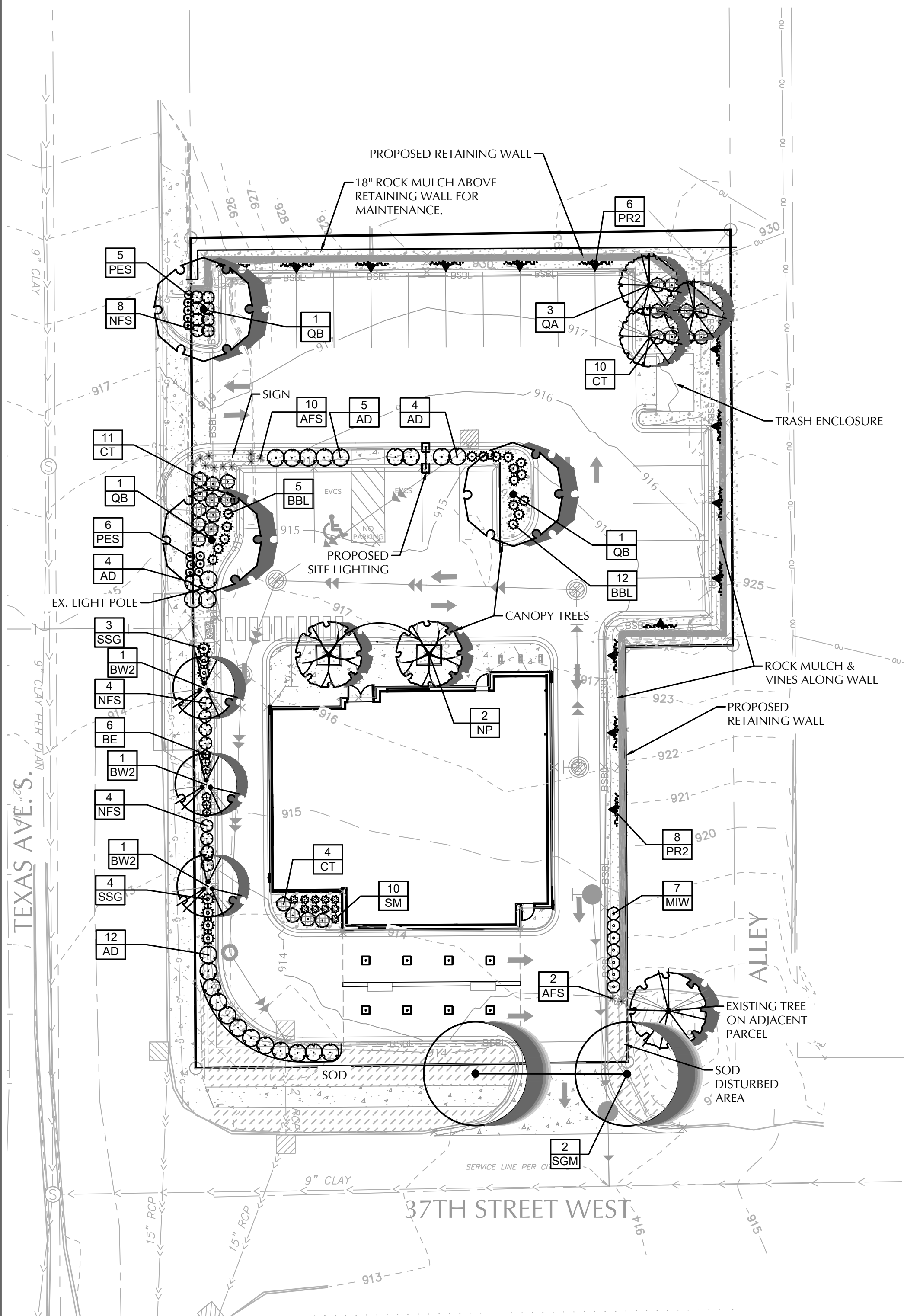
ALL UNDERGROUND UTILITIES SHALL BE LAID SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF ANY EXISTING TREES TO REMAIN.

EXISTING CONTOURS, TRAILS, VEGETATION, CURB/GUTTER AND OTHER EXISTING ELEMENTS BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY ANY AND ALL DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.

THE ALIGNMENT AND GRADES OF THE PROPOSED WALKS, TRAILS AND/OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. ANY CHANGE IN ALIGNMENT MUST BE APPROVED BY LANDSCAPE ARCHITECT.

REFER TO SHEET L2-1 FOR PLANTING NOTES, PLANTING DETAILS, AND IRRIGATION NOTES.

REFER TO SHEET L3-1 FOR ALTERNATIVE LANDSCAPE PLAN INFORMATION.



Plotted: 05/12/2020 12:16 PM W:\2020\20001\CADD DATA\LANDSCAPE.dwg Sheet Files\L1-1 LANDSCAPE PLAN



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