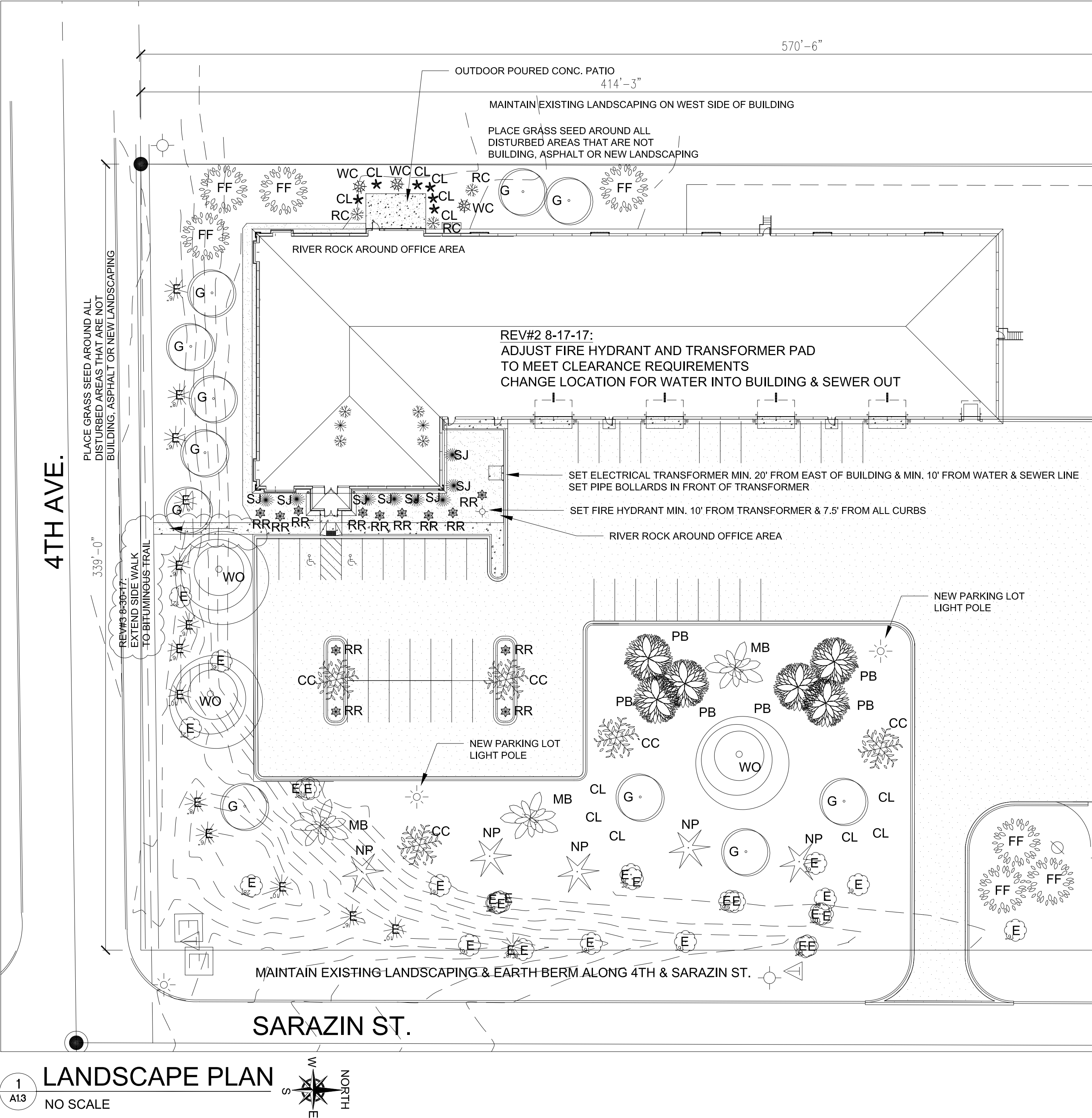




GENERAL LANDSCAPE NOTES:

ALL PARKING STALLS TO BE CLEARLY MARKED WITH PAINTED STRIPPING
MIN. STALL SIZE 9'-0" X 18'

IN NEW PLANTING AREAS, LANDSCAPED AREAS NOT COVERED WITH TURF GRASS, NATIVE GRASSES OR OTHER PERENNIAL FLOWERING PLANTS, VINES, SHRUBS, OR TREES IS TO BE COVERED WITH MATCHING MATERIALS.

ALL LANDSCAPING MATERIALS SHALL BE INSTALLED TO CURRENT INDUSTRY STANDARDS

ALL LANDSCAPING PREPARED & IMPROVED AS SPECIFIED BY CURRENT MN. DEPT. OF TRANSPORTATION STANDARDS FOR SOIL PREPARATION & DRAINAGE

CRITICAL ROOT ZONE:
CRITICAL ROOT ZONE, OR CRZ IS A RADIUS OF 1.5 FEET FOR EVERY 1 INCH OF DBH FOR THE TREE TRUNK OF THE TREE BEING PRESERVED.

SOIL COMPENSATION FOR ALL NON-STRUCTURAL LANDSCAPED AREAS (INCLUDING LANDSCAPING ISLANDS) SHALL BE BETWEEN 75%-80% OF STANDARD PROCTOR OR NOT TO EXCEED 300 PSI FOR A MINIMUM OF THE TOP 18" OF SOIL. COMPACTION SAMPLES ARE TO BE TAKEN AFTER FINAL GRADING OF THE SITE IS COMPLETE. THEY ARE TO BE SUBMITTED AND APPROVED BY THE CITY OF SHAKOPEE'S NATURAL RESOURCES DEPT. BEFORE INSTALLATION OF LANDSCAPING BEGINS. SAMPLES SHALL BE RANDOMLY TAKEN WITH EVEN COVERAGE OF ALL LANDSCAPED AREAS. SUBMIT SAMPLE RESULTS TO THE SHAKOPEE NATURAL RESOURCES DEPT. - JBusiahn@ShakopeeMN.gov or 952-233-9371

SOILS NOT MEETING THIS REQUIREMENT ARE REQUIRED TO BE SUBSOILED TO RELIEVE COMPACTION.

TREES SHALL NOT BE PLANTED IN A LOCATION THAT WILL INTERFERE WITH INFRASTRUCTURE OR BE IN EXTREME COMPETITION FOR RESOURCES WITH OTHER TREES AT MATURITY. MINIMUM SPACING BETWEEN NON-ORNAMENTAL TREES IS 20 FEET.

NO TREES SHALL BE PLANTED WITHIN EASEMENTS OR RIGHT OF WAYS WITHOUT PERMISSION FROM THE CITY'S ENGINEERING, NATURAL RESOURCES DEPARTMENT, AND SHAKOPEE PUBLIC UTILITIES.

THE LANDSCAPE CONTRACTOR MUST NOTIFY THE CITY OF SHAKOPEE NATURAL RESOURCES DIVISION BEFORE INSTALLATION TAKES PLACE AND AGAIN WHEN LANDSCAPING IS COMPLETE. THE WARRANTY PERIOD SHALL NOT BEGIN UNTIL INSPECTIONS AND THE CITY ACCEPTANCE IS COMPLETE. CONTACT 952-233-9371 OR JBusiahn@ShakopeeMN.gov

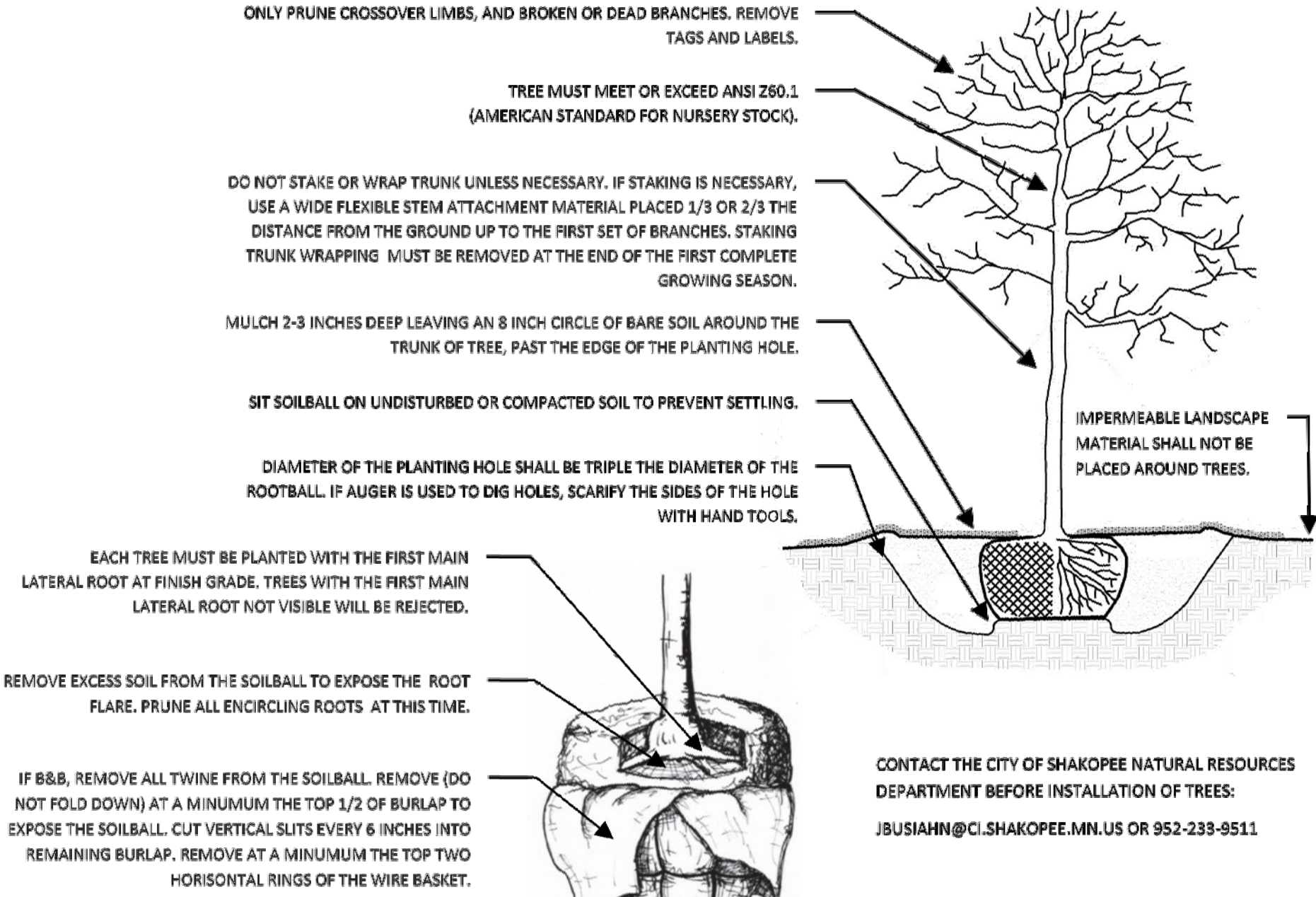
LANDSCAPING UNITS REQUIRED PER CITY CODE.

3 UNITS PER 1000 S.F. FOR THE FIRST 10,000 SQ. FT. OF BUILDING = 30 REQUIRED UNITS
2 UNITS PER 1000 S.F. FROM 10,000 TO 28,000 SQ. FT. OF BLDG. = 36 REQUIRED UNITS
TOTAL LANDSCAPING UNITS REQUIRED FOR BUILDING AREA = 66
PLUS IMPERVIOUS AREAS 53,100 SQ. FT. / 4,000 S.F. = 13 SHADE TREES.
PROJECT REQUIRES 66 UNITS OF LANDSCAPING + 13 SHADE TREES = 79 UNITS TOTAL
EACH TREE OR SHRUB IS A UNIT
NOT MORE THAN 50% OF THE LANDSCAPING MAY BE COMPOSED OF SHRUBBERY. PROJECT IS 50% SHRUBBERY.
TOTAL SHRUBS FOR THIS PROJECT IS 33
NO MORE THAN 25% OF TREES MAY BE ORNAMENTAL. PROJECT IS >25% ORNAMENTAL TREES.
TOTAL ORNAMENTAL TREES FOR THIS PROJECT IS 8.
33 UNIT TREES ARE LEFT PLUS 13 SHADE TREES = 46 TREES TO SELECT AND
NOT MORE THAN 10% OF ONE SPECIES. PROJECT IS 3 TREES
NOT MORE THAN 20% OF ONE GENUS. PROJECT IS 6 TREES
NOT MORE THAN 30% OF ONE FAMILY. PROJECT IS 9 TREES

REV#1 7-14-17

NOTES ADDED TO PLAN
UPDATED PLANTING SCHEDULE
TREE PLANTING DETAIL & CURB DETAIL ADDED

CITY OF SHAKOPEE, MN
TREE PLANTING DETAIL

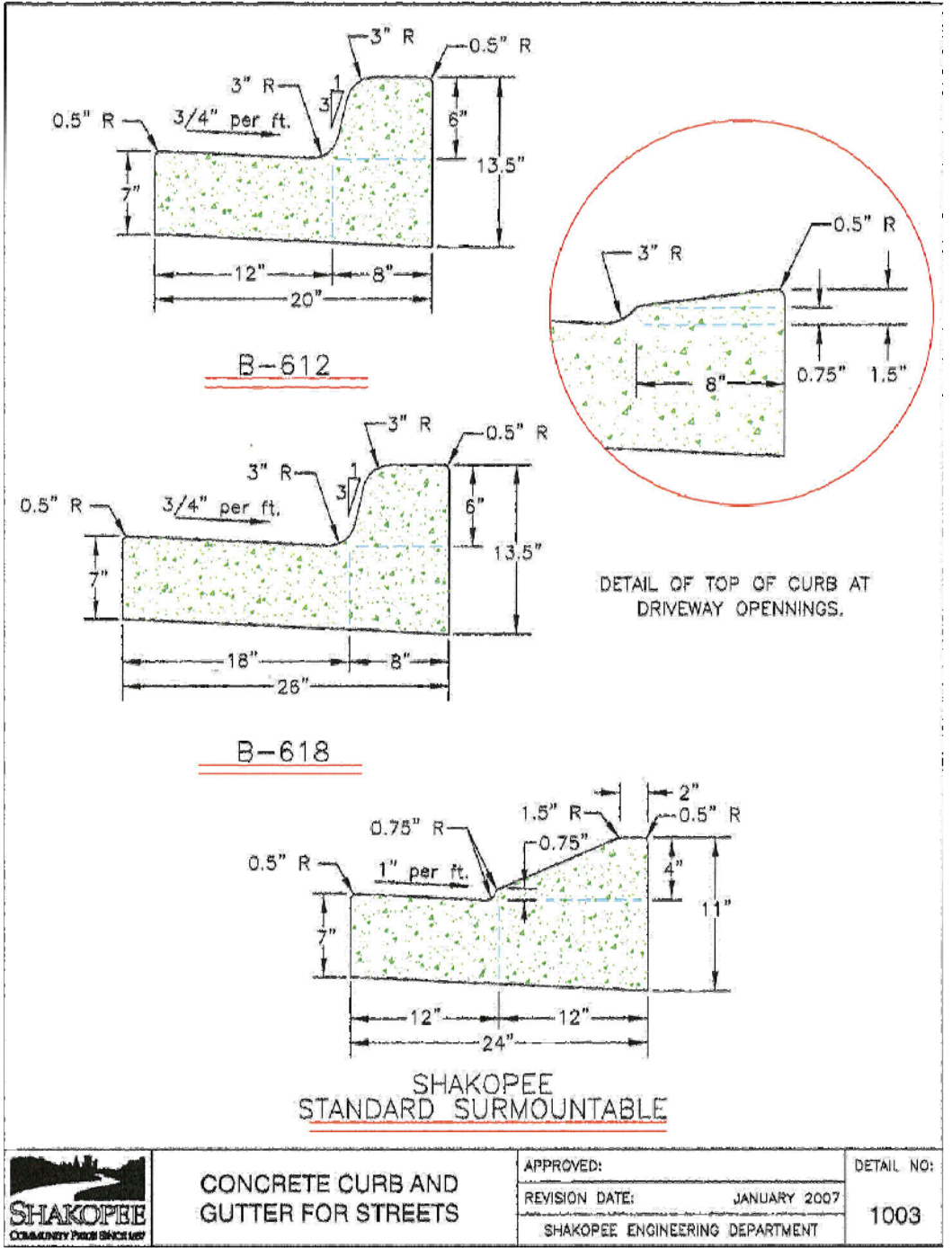
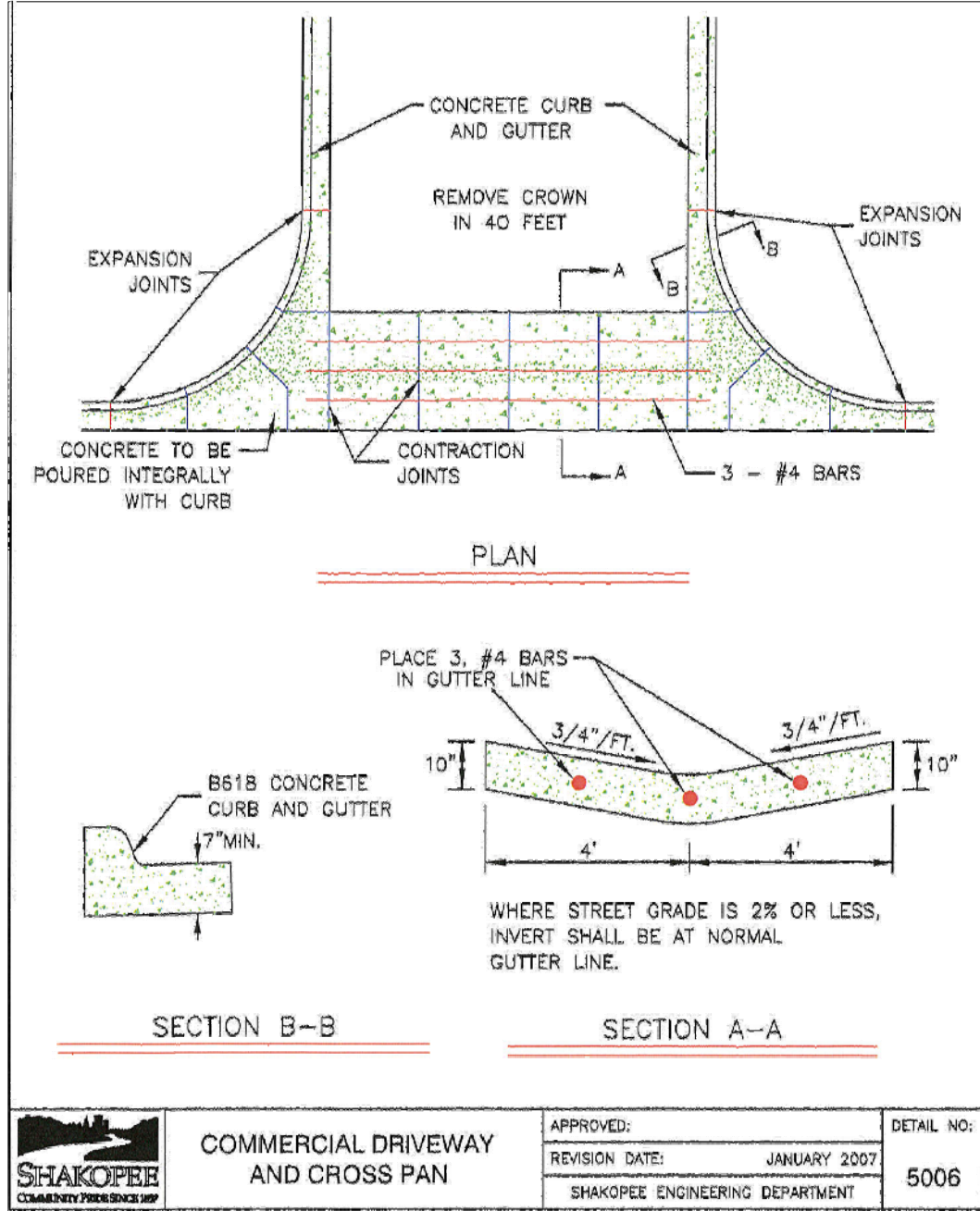


TREE PLANTING SCHEDULE = 46 TOTAL

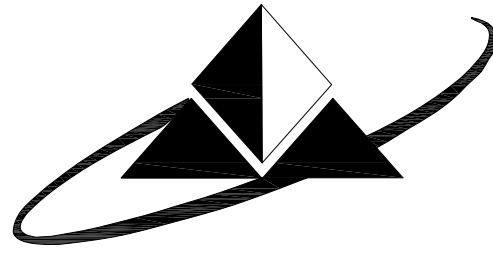
PLAN SYMBOL	GENUS NAME = GENERIC OR COMMON NAME	SPECIES = BOTANICAL OR SPECIFIC NAME	LETTER	CT	MIN. SIZE
	Cedar, White	Thulja occudentials	WC	3	5' TALL
	Cedar, Red	Juniperus virginiana	RC	3	5' TALL
	Fir, Fraser	Ables fraser	FF	7	5' TALL
	Cherry, Amur choke	Prunus maackii	CC	5	1.25 CAL
	Magnolia, Cucumbertree	Magnolis acuminata	MB	3	1.25 CAL
	Pine, red, Norway	Pine resinosa	NP	5	5' TALL
	Oak, White	Quercus alba	WO	3	1.25 CAL
	Ginko	Ginko biloba	G	11	1.25 CAL
	Paper Birch	Betula nigra	PB	6	1.25 CAL
	EXISTING DECIDUOUS TREES - 6" DIA OR LARGER			REMAIN AS IS	
	EXISTING EVERGREEN TREES - 6" DIA OR LARGER			REMAIN AS IS	

SHRUB PLANTING SCHEDULE = 33 TOTAL

PLAN SYMBOL	GENUS NAME = GENERIC OR COMMON NAME	SPECIES = BOTANICAL OR SPECIFIC NAME	LETTER	CT	MIN. SIZE
	Rosa Rogosa	Roserosa 'Foxi pavement'	RR	13	5 GAL.
	Savin Juniper	J. sabina	SJ	8	5 GAL.
	Chinese Lilac	Cyringa x chinensis	CL	12	5 GAL



ARCHITECT:



HOUWMAN
ARCHITECTS

31572 SNOWBALL ROAD
PENGILLY, MN 55775
651-631-0200

OFFICE 218-929-9171
BRIANWHOUWMAN@YAHOO.COM

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA

[Signature]

BRIAN HOUWMAN

REGISTRATION NO. 22604 DATE 5-18-17

IN COLLABORATION WITH:



ERIN HAUGERUD
612-987-7567
ERIN@EHDESIGNCO.COM

PROJECT LOCATION:

LOTS 1-4

4TH & SARAZIN ST.
SHAKOPEE, MN 55379

BUILDING OWNER:

LARSON

DEVELOPMENT
4000 .LLC

4000 VALLEY INDUSTRIAL BLVD. S.
SHAKOPEE, MN 55379
952-934-4695

GENERAL CONTRACTOR:

BEACON

CONSTRUCTION, INC

P.O. BOX 174
LORETO, MN 55357
612-790-4208

lorenkjersten@gmail.com

NOTE:

THIS SET OF PLANS IS FOR A DESIGN-BUILD PROJECT.
ANY INFORMATION NOT CLARIFIED BY MANUFACTURER, PERFORMANCE REQUIREMENTS OR DETAILS ON THIS PLAN SET ARE TO BE DETERMINED BY THE GENERAL CONTRACTOR AND THE OWNER.
ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS WHICH REQUIRE THE CONTRACTOR TO CHOOSE ONE METHOD, DIMENSION OR MATERIAL OVER ANOTHER ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE WORK IS STARTED, FOR CLARIFICATION.

REVIEW SET	10-27-16
BUDGET SET	3-7-17
PRECAST SET	4-11-17
PERMIT SET	5-18-17
FABCON RFI #1 & #2	5-31-17
ADDITIONAL DETAILS	6-9-17
OWNERS COMMENTS	6-26-17
REVISION #1	7-14-17
REVISION #2	8-17-17
REVISION #3	8-30-17

JOB#	16-146
DATE	10-27-16
DRAWN	NH
CHECKED	BH

LANDSCAPE PL

A1.3