

Mar 16, 2017 - 11:17am
Xref Filename: 145145-11_14514 SITE PLAN.dwg
Y:\14500\14514\ORMAN ENGINEERING - RAINBOW DAYCARE - SHAKOPEE\DWG\C38\CH\14514 SITE PLAN.dwg
14514 BASE 110762 BLD USE 11-01-16 1 PG EQUIP 773-001 PL SLIDE 1 PG EQUIP VARIOUS ROCK CLIMB 1 14514_25x34_ Title Block

apatel

U.S. BANK CORPORATE REAL ESTATE

(RIGHT-OF-WAY WIDTH VARIES)

CSAH 18

CONCRETE CURB

PATH

6' WIDE MULTI-USE TRAIL CONNECTION
SEE DETAIL 4/C9

FACILITY MONUMENT
SIGN

BUILDING SETBACK LINE

PROPOSED
DAYCARE
FACILITY
ADDRESS: 8245 CROSSINGS BLVD
10,782 S.F.
FFE=758.1
(SLAB ON GRADE)

PROPOSED
DOORWAY(TYP.)

MECH. UNITS (TYP.)

ACCESS EASEMENT PER
DOCUMENT NO. 748778

10' DRAINAGE AND
UTILITY EASEMENT

PENSTEMON LN.

DRAINAGE AND UTILITY EASEMENT
PER PLAT

SITE DATA:

LEGAL DESCRIPTION: Lot 3, Block 1, SOUTHBRIDGE FIELDS ADDITION,
according to the recorded plat thereof, Scott County,
Minnesota.

EXISTING ZONING: PRD - PLANNED RESIDENTIAL DISTRICT

SITE AREA: 1.15 ACRES

SETBACKS:
BUILDING: 30' FRONT AND REAR
10' SIDE
PARKING: 15' FRONT

TOTAL IMPERVIOUS COVER: 0.77 ACRES (67% OF TOTAL SITE AREA)

LEGEND

- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED 6' WIDE BITUMINOUS TRAIL CONNECTION
- PROPOSED LIGHT POLE
- PROPOSED PLAY AREA FENCING (SEE NOTE 2)
- WATER VALVE MARKER
- PROPOSED SANITARY SEWER CONNECTION
- PROPOSED NEW WATER SERVICE
- PROPERTY CORNERS

KEYNOTES:

- PROPOSED BITUMINOUS PAVEMENT. REFER TO DETAIL.
- PROPOSED B612 CONCRETE CURB & GUTTER. REFER TO DETAIL 2/C8.
- PROPOSED PEDESTRIAN CURB RAMP. REFER TO DETAILS 5003/C8.
- INSTALL ADA SIGNAGE PER DETAIL 1/C9.
- PROPOSED CONCRETE SIDEWALK. REFER TO DETAIL 1/C10.
- SPLASH PAD WILL CONSIST OF 4" THICK CONCRETE SLAB W/SUMP IN THE CENTER. LAYOUT NOT SHOWN HERE FOR CLARITY. COORDINATE W/OWNER.
- INSTALL LIGHT POLE (4 LOCATIONS) PER MANUFACTURERS DETAIL. REFER TO DETAIL 5/C9. (PHOTOMETRIC PLAN, POLE & LAMP, SPECIFICATIONS PREPARED BY MUSCO LIGHTING & IS AVAILABLE UPON REQUEST)
- "NO PARKING" SIGN IN TURNAROUND AREA.
- PLAY GROUND EQUIP. WITH SOFT SURFACE AREA SHOW HEREON IS BY OTHERS. REMAINING PLAY AREA INSIDE FENCING TO BE SOD (REFERENCE SHEET L1).
- STRIPE TO DESIGNATE NO PARKING. HANDICAP PAVEMENT EMBLEMS SHALL CONFORM WITH STATE ADA CODES.
- 1.16' ENCROACHMENT INTO NEIGHBORING PARCEL AND DRAINAGE AND UTILITY EASEMENT.
- 10' DRAINAGE AND UTILITY EASEMENT ON ADJACENT PARCEL.
- DUMPSTER ENCLOSURE. SEE DETAIL 8/C10.

NOTES:

- ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE INDICATED ON PLANS.
- FENCING FOR PLAY AREA; 5 FT HIGH PERIMETER AND 4 FT HIGH INTERIOR SEGMENT (NO SLATS). REFER TO DETAIL 1/C8.
- ALL CONSTRUCTION SHALL COMPLY WITH CITY OF SHAKOPEE ENGINEERING STANDARDS AND 2016 EDITION OF MN/DOT STANDARD CONSTRUCTION SPECIFICATIONS (INCLUDING SUPPLEMENTS), AS APPLICABLE. SEE DETAIL ON SHEET C7. ALL CONSTRUCTION SHALL COMPLY WITH CITY OF SHAKOPEE, COUNTY, MPCA, DEPARTMENT OF HEALTH AND MNDOT PERMIT REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION, PRIOR TO BEGINNING THE WORK.
- NEW CONSTRUCTION FEATURES SHALL MATCH IN TO EXISTING WHERE APPLICABLE (PAVEMENTS, CURBS, SIDEWALKS). PROVIDE SMOOTH TRANSITIONS AT MATCH-IN POINTS.

0 20' 40'



NO.	DATE	DESCRIPTION OF REVISIONS
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DESIGNED:	APPROVED:
DRAWN:	PRINT NAME: ROBERT SWANSON, P.E.
CHECKED BY:	SIGNATURE: NOT FOR CONSTRUCTION (REVIEW ONLY)
	DATE:
	LICENSE #: 24094



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13605 1st Avenue North
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Plymouth, MN 55441
763-412-4000 (o) 763-412-4090 (f)
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RAINBOW DAYCARE - SHAKOPEE, MN

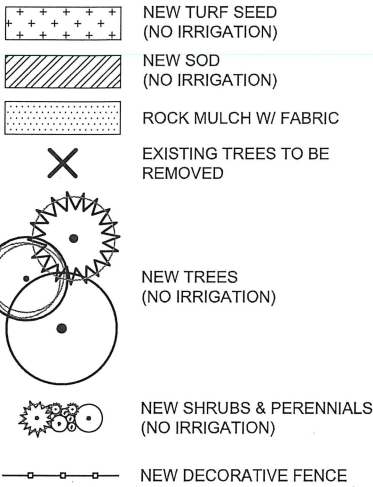
SITE PLAN

COMM. NO. 14514	PLOTTED: C4
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PLANTING SCHEDULE:

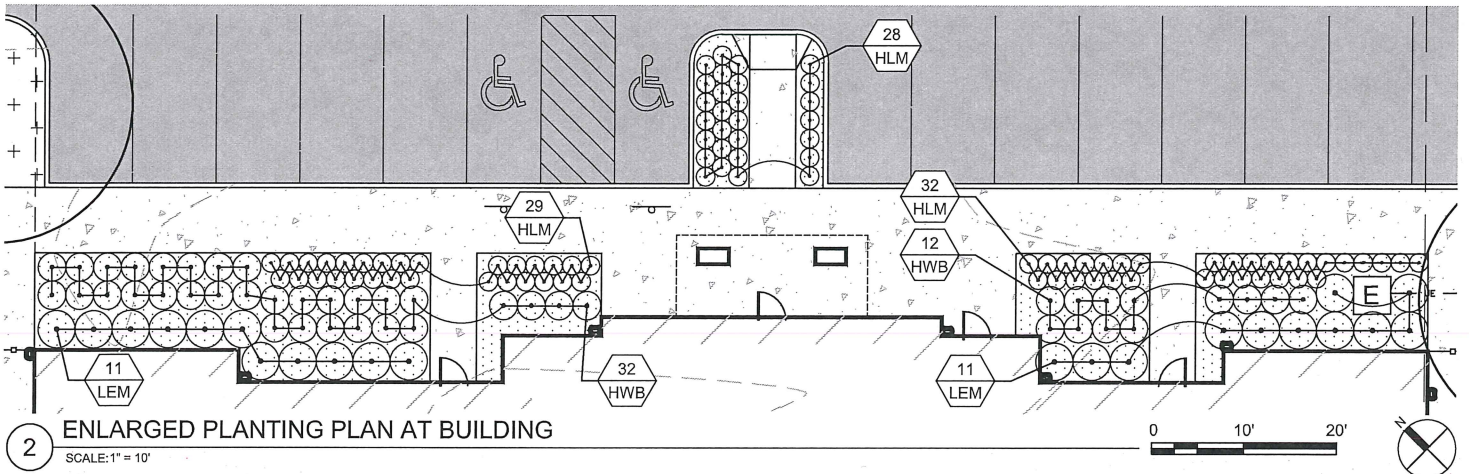
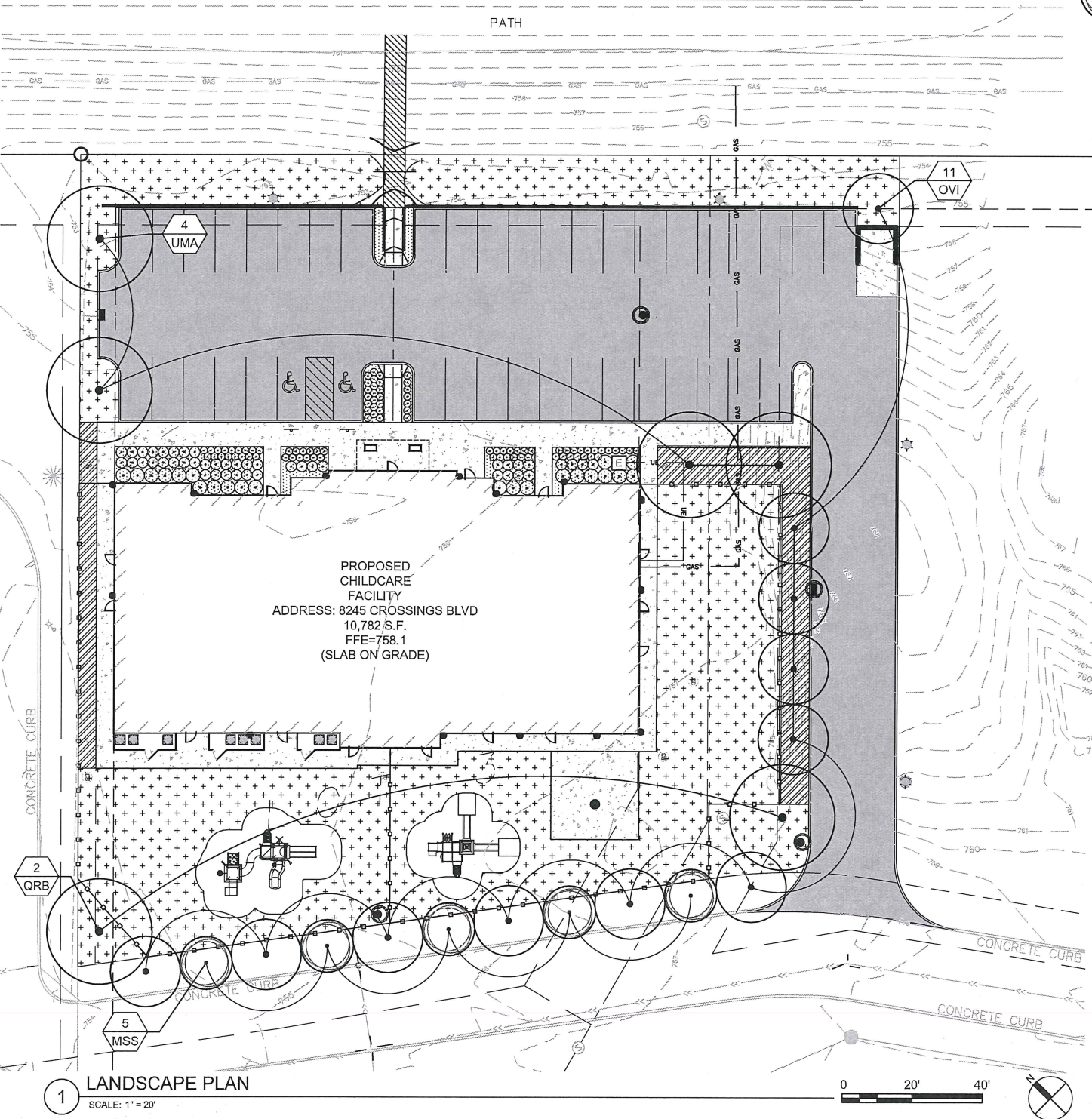
DECIDUOUS TREES						
Count	KEY	COMMON	BOTANICAL	SIZE	CONT.	REMARKS
2	QRB	Oak, Northern Red	Quercus rubra	2.5" CAL.	BB	Single, straight leader. No "v" crotches.
4	UMA	Elm, Accolade	Ulmus 'Morton' Accolade	2.5" CAL.	BB	Single, straight leader. No "v" crotches.
11	OVI	Ironwood	Ostrya virginiana	2.5" CAL.	BB	Single, straight leader. No "v" crotches.
ORNAMENTAL TREES						
Count	KEY	COMMON	BOTANICAL	SIZE	CONT.	REMARKS
5	MSS	Crabapple, 'Spring Snow'	Malus x 'Spring Snow'	1.5" CAL.	BB	Single, straight leader. No branches below 36" HT.
SHRUBS AND PERENNIALS						
Count	KEY	COMMON	BOTANICAL	SIZE	CONT.	REMARKS
22	LEM	Honeysuckle, 'Emerald Mound'	Lonicera xylosteum 'Emeral Mound'	5 GAL.	Cont.	Min. 5 canes @ 12" HT.
44	HWB	Hosta, 'Wide Brim'	Hosta x 'Wide Brim'	1 GAL.	Cont.	
89	HLM	Coral Bells, 'Lime Marmalade'	Huechera 'Lime Marmalade'	1 GAL.	Cont.	

LANDSCAPE PLAN LEGEND



GENERAL LANDSCAPE NOTES:

- LANDSCAPE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO BECOME COMPLETELY FAMILIAR WITH SITE CONDITIONS.
- ALL ROUGH AND FINISH GRADING TO BE DONE BY OTHERS.
- NO PLANTING SHALL BE INSTALLED UNTIL ALL GRADING, BUILDING, CONSTRUCTION, UTILITY WORK & IRRIGATION (IF APPLICABLE) HAS BEEN COMPLETED IN THE AREAS TO BE PLANTED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UNDERGROUND CABLES, CONDUITS, WIRES, ETC., ON THE PROPERTY.
- IF THERE IS A DISCREPANCY BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLAN AND THE NUMBER OF PLANTS SHOWN IN THE PLANT LIST, THE NUMBER OF PLANTS SHOWN ON THE PLAN WILL TAKE PRECEDENCE.
- ALL PROPOSED PLANT MATERIAL SHALL BE LOCATED CAREFULLY AS SHOWN ON THE PLAN. IF THE CONTRACTOR BELIEVES AN ERROR HAS BEEN MADE REGARDING SPACING OR LOCATION OF THE PLANT MATERIAL INDICATED ON THE PLAN, NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE MAINTENANCE OF THE PLANT MATERIAL (WATERING, SPRAYING, FERTILIZING, MOWING, ETC.) UNTIL THE WORK HAS BEEN ACCEPTED, BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS TO PROPERTY DAMAGE FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.
- ALL NEWLY PLANTED PLANT MATERIAL SHALL BE GUARANTEED THROUGH ONE CALENDAR YEAR STARTING FROM THE DATE OF ACCEPTANCE ESTABLISHED BY THE OWNER.
- THE CONTRACTOR SHALL MEET WITH THE OWNER OR OWNERS REPRESENTATIVE ON SITE WHEN THEY FEEL THE PROJECT IS COMPLETE ACCORDING TO THE CONTRACT DOCUMENTS. IF ALL WORK IS SATISFACTORY AND COMPLETE ACCORDING TO THE CONDITIONS OF THE CONTRACT DOCUMENTS, THEN THE OWNER MUST DECLARE THE PROJECT COMPLETE. THIS DECLARATION WILL CONSTITUTE AS THE BEGINNING OF THE ONE (1) YEAR WARRANTY PERIOD FOR ALL PLANT MATERIAL. THE OWNER SHALL PROVIDE A LETTER WITH SIGNATURE STATING THE DATE OF ACCEPTANCE.
- WIND BURN OR OTHERWISE DAMAGED PLANT MATERIAL WILL NOT BE ACCEPTED.
- CONTRACTOR CAN SUBSTITUTE MACHINE MOVED MATERIAL USING APPROPRIATE SIZE TREE SPADE FOR B & B WITH OWNER APPROVAL.
- THE PRACTICE OF STAKING SHOULD NOT ALLOW NAILS, SCREWS, WIRES, ETC. TO PENETRATE THE OUTER SURFACE OF THE TREES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL TREE STAKES, GUYS, STRAPS AND TRUNK PROTECTION MEASURES FOLLOWING THE COMPLETION OF THE WARRANTY PERIOD OR AS DIRECTED BY THE OWNER.
- LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER WITH MAINTENANCE INFORMATION DURING THE GUARANTEE PERIOD RELATING TO WATERING, FERTILIZING, PRUNING, PEST CONTROL, AND RELATED ITEMS. THIS WILL BE PREPARED AND DELIVERED TO THE OWNER AFTER PROVISIONAL INSPECTION APPROVAL HAS BEEN GIVEN BY THE OWNER AND/OR LANDSCAPE ARCHITECT.
- INSTALL CORRUGATED PLASTIC TREE GUARDS, WHITE IN COLOR, WITH THE SIZE OF TUBE 1" DIA. (MIN.) LARGER THAN THE CALIPER OF THE TREE TO BE PROTECTED.
- LANDSCAPE FABRIC (FILTER MAT) TO HAVE A COMBINED WEIGHT OF 4.5-5.5 OZ. PER S.Y. FABRIC SHOULD BE U.V. STABILIZED AND HAVE A FIVE YEAR MINIMUM WEATHERABILITY FACTOR IN FULL SUNLIGHT. FABRIC TO BE PHILLIPS DUON R OR EQUIVALENT. SAMPLE REQUIRED FOR APPROVAL.
- 3" DEPTH SHREDDED HARDWOOD MULCH SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS THAT ARE ISOLATED FROM GROUNDCOVER AREAS AND GENERAL SHRUB MASSES.
- 3" DEPTH 1" TO 1-1/2" WASHED RIVER ROCK SHALL BE INSTALLED OVER LANDSCAPED FABRIC AS INDICATED ON THE PLANS & DETAILS.
- CALIPER OF TREES UP TO AND INCLUDING 4" SHALL BE MEASURED AT 6" ABOVE GROUND LEVEL, AND 12" ABOVE GROUND LEVEL FOR LARGER SIZES.
- CRABAPPLE TREES SHALL HAVE NO BRANCHES BELOW 36" ABOVE THE ROOT BALL, AND HAVE NO "V" CROTCHES.
- FOR BALLED & BURLAP PLANT MATERIAL, REMOVE THE TOP HALF OF THE BURLAP FROM THE ROOT BALL. WIRE CAGES, STRAPS, ETC. SHALL BE REMOVED FROM THE TOP HALF OF THE ROOTBALL BEFORE INSTALLATION.
- ALL CONTAINER MATERIAL SHALL HAVE BEEN GROWN IN CONTAINER FOR A MINIMUM OF 6 MONTHS PRIOR TO INSTALLATION.
- SHRUBS AND GROUNDCOVER SHALL BE PLANTED A MINIMUM OF ONE HALF THEIR ON-CENTER SPACING FROM PAVING EDGE UNLESS OTHERWISE NOTED.
- DECIDUOUS SHRUBS SHALL HAVE MINIMUM OF FIVE (5) CANES AT SPECIFIED HEIGHT UNLESS OTHERWISE NOTED IN PLANT SCHEDULE.
- ALL PERENNIAL BEDS TO RECEIVE ROCK MULCH SHALL HAVE LANDSCAPE FABRIC INSTALLED WITH HOLES FOR PLANTS CUT 2.5 TIMES THE DIAMETER OF THE CONTAINER.
- LANDSCAPE CONTRACTOR SHALL PROVIDE AND INSTALL NURSERY GROWN PLANT MATERIAL CONFORMING TO THE REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST EDITION OF ANSI Z60.1 STANDARDS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIFICATIONS.
- SOIL COMPACTION 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 INSPECTION AND CITY ACCEPTANCE IS COMPLETE. CONTACT 952-233-9371 OR JBUSIAHN@SHAKOPEEMN.GOV
- IRRIGATION DESIGN NOT PROVIDED.



Mar 16, 2017 - 12:22pm
Xref Filename: 14514_22434_Title Block 14514S-11 14514 BASE 1 10782 BLD USE 11-01-16 PG EQUIP 773-001PI SLIDE 1 PG EQUIP VARIOUS ROCK CLIMB

NO.	DATE	DESCRIPTION OF REVISIONS
5		
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DESIGNED:	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
DRAWN:	PRINT NAME: CURT CLAEYS, RLA
CHECKED BY:	SIGNATURE: NOT FOR CONSTRUCTION (REVIEW ONLY)
	DATE:
	LICENSE #: 45613



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RAINBOW DAYCARE - SHAKOPEE, MN

LANDSCAPE PLAN

COMM. NO. 14514	PLOTTED:
DRAWING NO.	L1