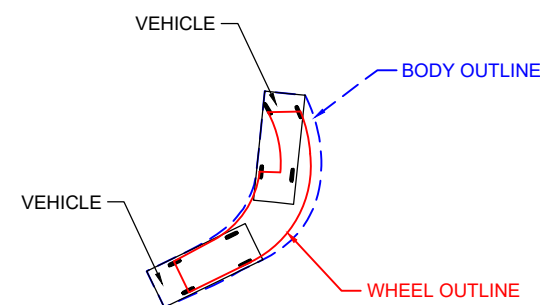


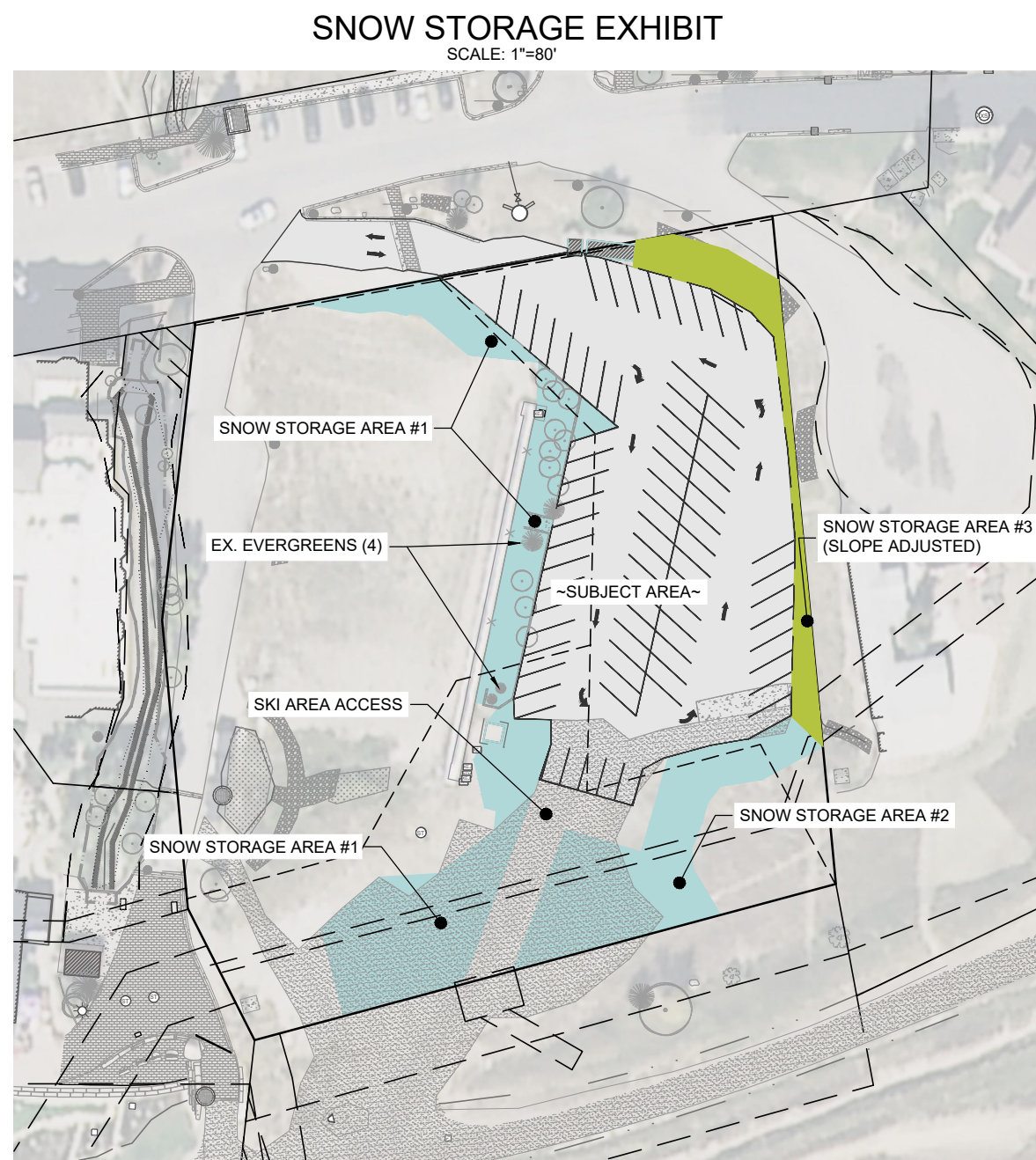
SWEPT PATH ANALYSIS LEGEND:



NOTES:

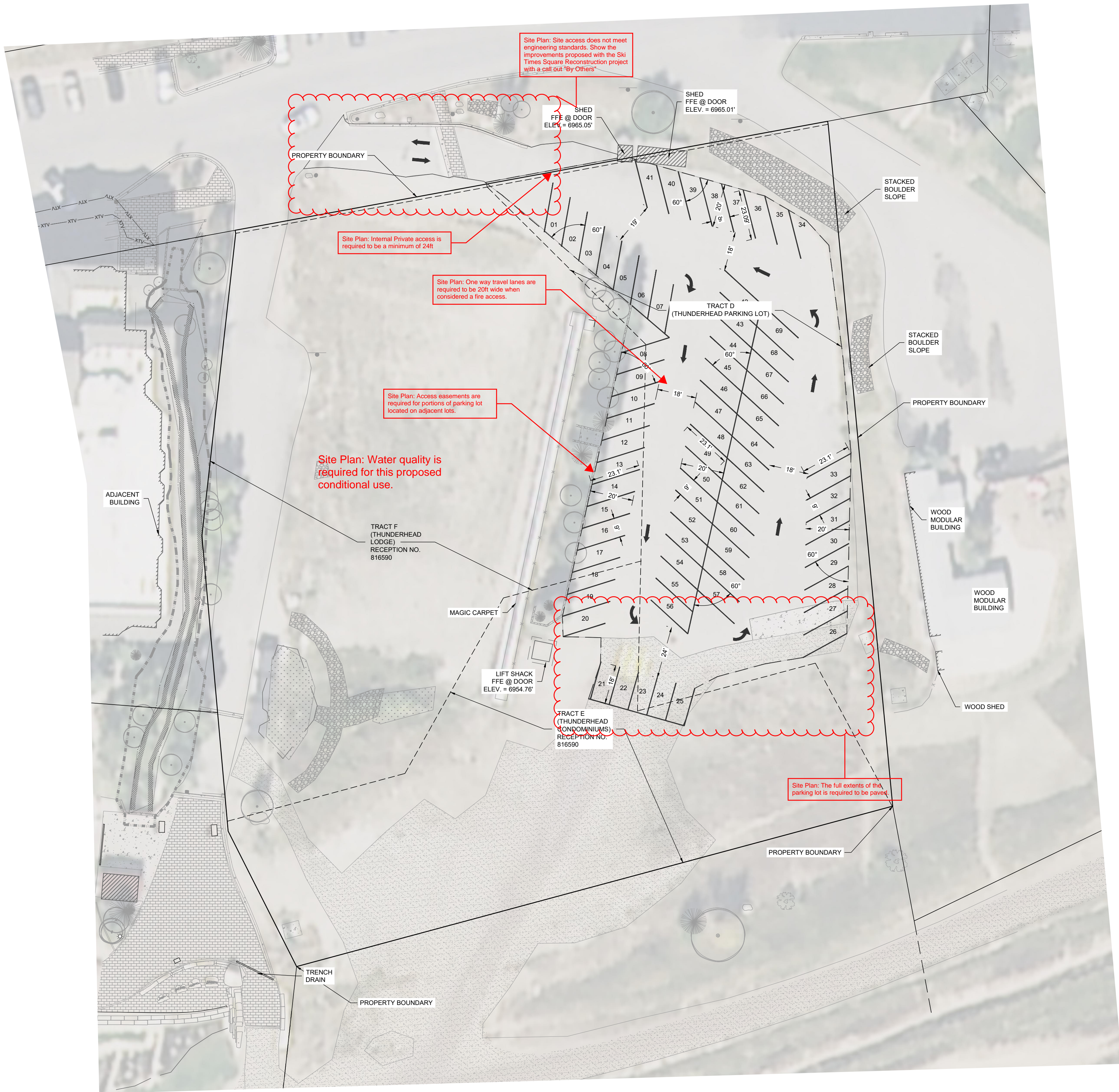
- THE SWEPT PATH ANALYSIS USES THE "CITY-BUS" PER THE STEAMBOAT SPRINGS FIRE PREVENTION SERVICES ADMINISTRATIVE POLICY & PROCEDURE MANUAL, SECTION 4, POLICY NO. 1258.1D, DATED SEPTEMBER 11, 2006.
- FOR MORE INFORMATION ON THE DESIGN VEHICLE STANDARDS, PLEASE REFERENCE THE STEAMBOAT SPRINGS ENGINEERING STANDARDS, SECTION 4.3.1.
- "SWEPT PATH ANALYSIS" (SPA): THE CALCULATION AND ANALYSIS OF THE MOVEMENT AND PATH OF DIFFERENT PARTS OF A VEHICLE WHEN THAT VEHICLE IS UNDERTAKING A TURNING MANEUVER. THIS INCLUDES CALCULATING THE PATH TAKEN BY EACH WHEEL DURING A TURN AS WELL AS THE SPACE NEEDED BY THE VEHICLE BODY.

THERE ARE PRACTICAL LIMITATIONS TO THIS ANALYSIS INCLUDING: DRIVER ABILITIES, ENVIRONMENTAL CONDITIONS, VARIABLE PARKING SPACE USAGE AND EFFICIENCIES, SPEED, AND VEHICLE CHARACTERISTICS. THIS IS AN INDUSTRY STANDARD EXERCISE THAT APPLIES VEHICLE GEOMETRIES ALONG WITH EMPIRICAL DATA TO REPLICATE A PARTICULAR CLASS OF VEHICLES (DESIGN VEHICLE).



PARKING LANDSCAPING	
Required Landscaping (sf)	200 per 9 spaces
Parking Count	69 Spaces
Total Parking Landscaping Area	1,600 sf
Required Deciduous Trees	8 1 per 200 sf
Required Shrubs	32 1 per 50 sf
Existing Deciduous Trees	9
Existing Shrubs	unknown
Existing Evergreen Trees	8

SNOW STORAGE (SF)	
Parking, Aisle and Access Dr.	29,649
Snow Storage Requirements:	
50% for Parking, Aisle & Access	14,825
4 Evergreens in Area #1 + 30 SF Each.	120
Total Snow Storage Required:	14,945
Snow Storage Provided:	
Area #1	10,519
Area #2	5,733
Area #3*	2,676
*2:1 Slope adjustment for Area #3	(1,338)
Total Snow Storage Provided	17,590



SITE PLAN:

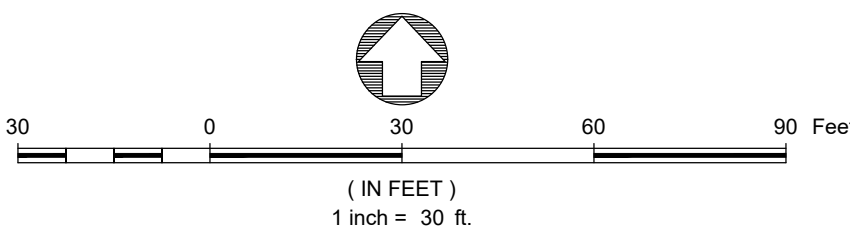
- THE PARKING DEPICTED HEREON REFLECTS APPLYING THE CITY'S DEVELOPMENT CODE PARKING DIMENSIONS.
- THE PURPOSE OF THIS SITE PLAN IS TO DEPICT A PARKING CONCEPT TO QUANTIFY AVAILABLE PARKING SPACES USING THE EXISTING SITE CONDITIONS AND HISTORICAL USE.
- ADA NOTE: THE EXISTING GRADES OF THE PARKING AREAS ARE GREATER THAN THE MAX. 2% (IN ANY DIRECTION) TO ACCOMMODATE ADA PARKING GUIDELINES. AS NO IMPROVEMENTS OR PROPOSED CHANGES IN USE ARE BEING MADE TO THE SITE, IT IS OUR POSITION THAT DESIGNATED ADA PARKING IS NOT REQUIRED FOR THIS APPLICATION.

CALL UTILITY NOTIFICATION CENTER OF COLORADO



Know what's below.  
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



REVIEW SET  
NOT FOR CONSTRUCTION

NO.	DATE	BY	DESCRIPTION

PROJECT:	1012-000
DATE:	2/02/2024
CONTACT:	Erk Giespening
EMAIL:	erkg@landmark-co.com

SSRC Parking Conditional Use  
NORTHSIDE LOT SITE PLAN

SHEET

C.100

These drawings are instruments of service provided by Landmark Consultants, Inc. and are not to be used for any type of construction or contracting unless signed and sealed by a Professional Engineer in the employ of Landmark Consultants, Inc.