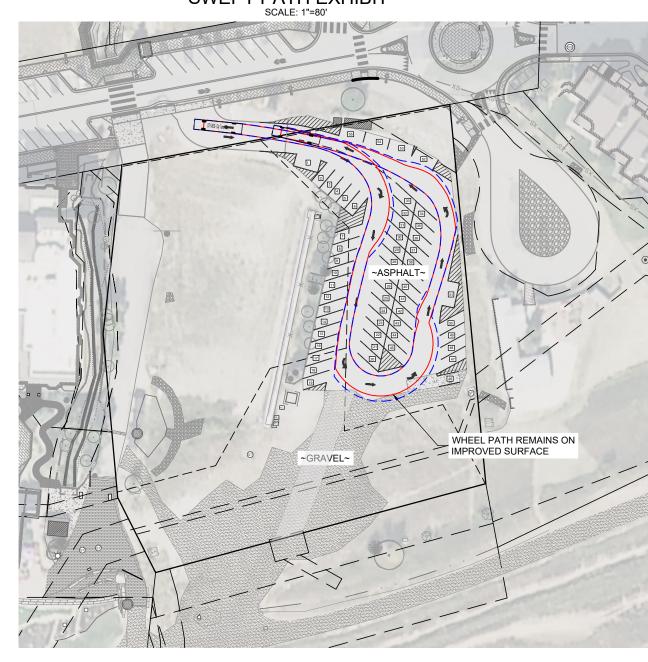
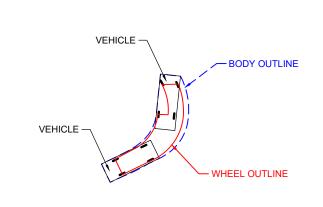


# SWEPT PATH EXHIBIT SCALE: 1"=80'

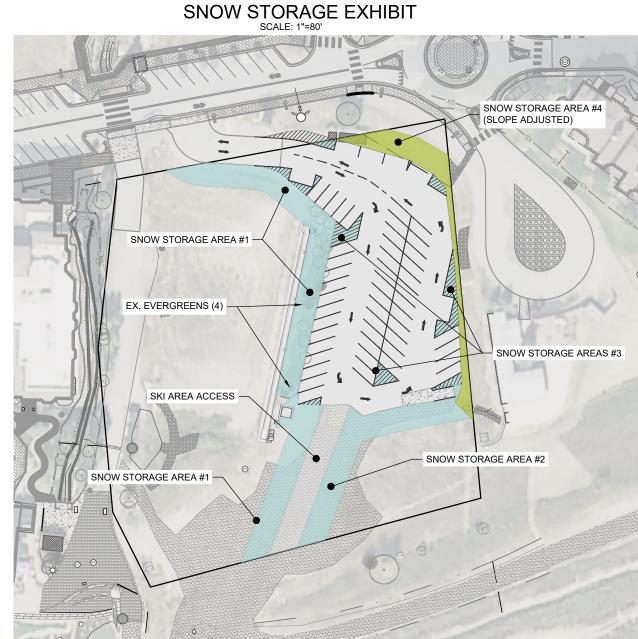


### SWEPT PATH ANALYSIS LEGEND:



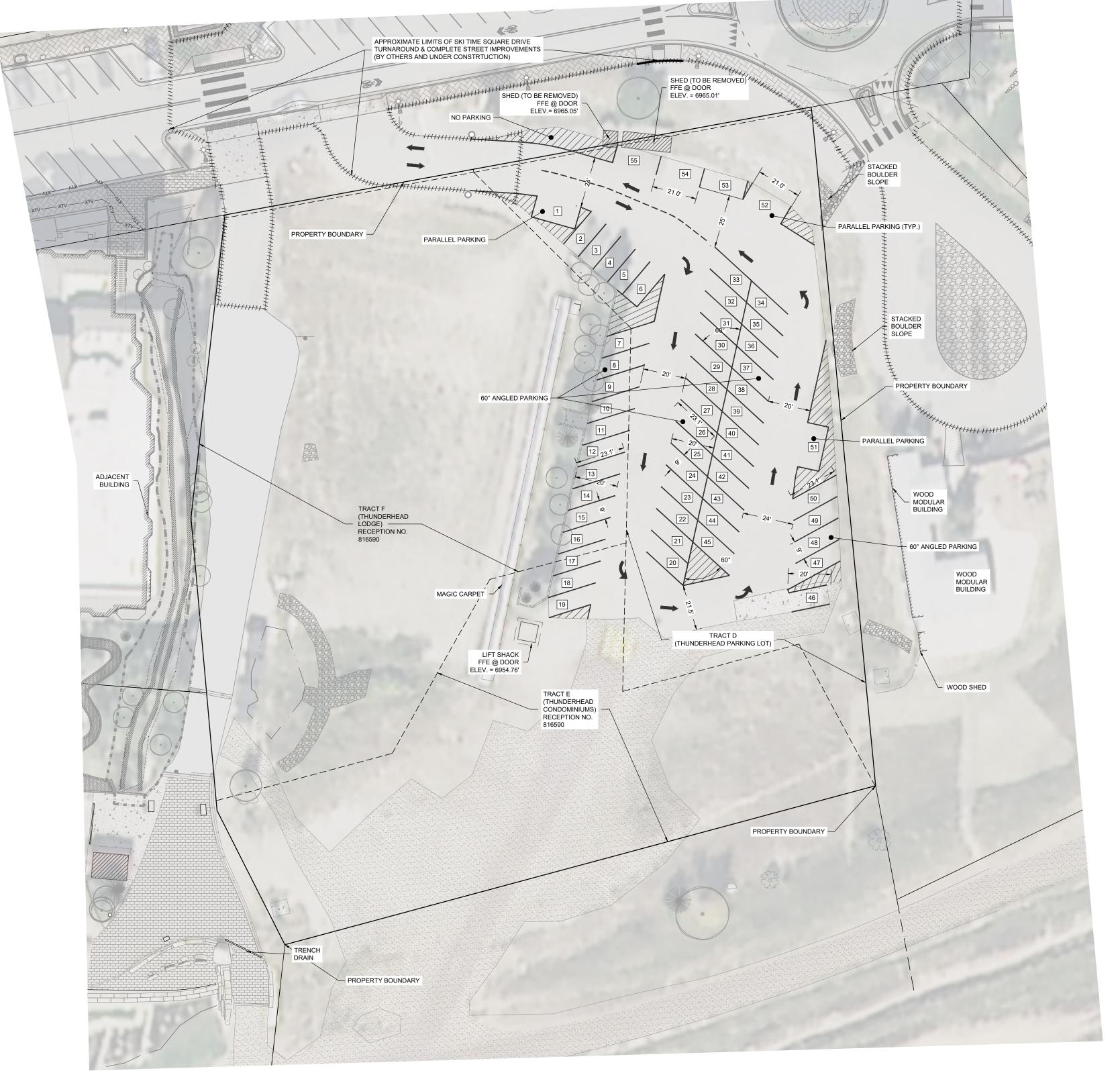
- THE SWEPT PATH ANALYSIS USES THE "CITY-BUS" PER THE STEAMBOAT SPRINGS FIRE PREVENTION SERVICES ADMINISTRATIVE POLICY & PROCEDURE MANUAL, SECTION 4, POLICY NO. 1258.1D, DATED SEPTEMBER 11, 2006.
- 2. FOR MORE INFORMATION ON THE DESIGN VEHICLE STANDARDS, PLEASE REFERENCE THE STEAMBOAT SPRINGS ENGINEERING STANDARDS, SECTION 4.3.1.
- 3. '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



PARKING LANDSCAPING			
Required Landscaping (sf)	200	per 9 spaces	
Parking Count	55	Spaces	
Total Parking Landscaping Area	1,400	sf	
Required Deciduous Trees	7	1 per 200 sf	
Required Shrubs	28	1 per 50 sf	
Existing Deciduous Trees		9	
Existing Shrubs	unknown		
Existing Evergreen Trees	8		

SNOW STORAGE (SF)	
Paved Parking, Aisle and Access Dr.	23,45
Path to Ski Run (unpaved)	2,61
Snow Storage Requirements:	
50% for Parking, Aisle & Access	11,72
50% for Path to Ski Run	1,30
4 Evergreens in Area #1 + 30 SF	
Each.	12
Total Snow Storage Required:	13,15
Snow Storage Provided:	
Snow Storage Provided: Area #1	8,93
	•
Area #1	3,92
Area #1 Area #2	3,92 1,10
Area #1 Area #2 Area #3	8,93 3,92 1,10 2,61 (1,309



## 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.
- 3. 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.

\*ANTICIPATED EXISTING CONDITIONS PLAN REFLECTS THE FUTURE EXISTING CONDITIONS AS A RESULT OF THE ONGOING SKI TIME SQUARE DRIVE TURNAROUND & COMPLETE STREET IMPROVEMENTS (BY OTHERS).



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

SHEET C.100

SITE

LOT

NORTHSIDE

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.

REVIEW

SET NOT FOR CONSTRUCTION