



- GRAADING NOTES**
- EXISTING BASE INFORMATION DERIVED FROM FIELD SURVEY SHALL BE USED FOR ALL PROPOSED GRADING.
 - ALL PROPOSED GRADES SHALL BE SET IN THE FIELD BY A NEW YORK STATE LICENSED LAND SURVEYOR.
 - PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH PER FOOT. ANY DEPRESSIONS NOT ALLOWING THIS TO OCCUR SHALL BE REMOVED. THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 - WALLS SHALL NOT EXCEED 1 IN 20 SLOPE LONGITUDINALLY. RAISED SHALL NOT EXCEED 1 IN 12 OR 30 IN LENGTH. ANY DEPRESSIONS NOT ALLOWING THIS TO OCCUR SHALL BE REMOVED. THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 - ALL PROPOSED TOP OF CURBS, CURB RETURNERS, SET BACKS, AND OTHER PAVEMENT FEATURES SHALL BE SET IN THE FIELD BY A NEW YORK STATE LICENSED LAND SURVEYOR.
 - WHERE NEW PAVING MEETS EXISTING PAVING, NEW PAVING SHALL MEET THE LINE AND GRADE OF THE EXISTING PAVING WITH NEW.
 - EXCAVATION REQUIRED WITHIN 3 FEET OF EXISTING UTILITY LINE SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 - ALL AREAS REQUIRING FILL SHALL BE BROUGHT TO GRADE. ALL AREAS REQUIRING EXCAVATION SHALL BE BROUGHT TO GRADE. ALL AREAS REQUIRING EXCAVATION SHALL BE BROUGHT TO GRADE. ALL AREAS REQUIRING EXCAVATION SHALL BE BROUGHT TO GRADE.
 - GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM BUILDING LINES. GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM BUILDING LINES. GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM BUILDING LINES.
 - EXCAVATION REQUIRED WITHIN DEPTH LINE OF TREES DESIGNATED TO REMAIN SHALL BE DONE BY HAND. PLANT MATERIALS DAMAGED BY EXCAVATION SHALL BE REPLACED WITHIN 30 DAYS OF COMPLETION OF EXCAVATION.
 - SLOPE SITES OF EXCAVATIONS TO COMPLY WITH LOCAL CODES AND REGULATIONS HAVING JURISDICTION AND OSHA REGULATIONS. MAINTAIN SLOPE SITES OF EXCAVATIONS IN A SAFE CONDITION THROUGHOUT CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES (HAND HOLES, WATER AND GAS CATCH BASINS, MANHOLES, ETC.) FROM EXISTING FINISH GRADE TO FINISHED GRADE. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY ADJUSTMENTS REQUIRED.
 - CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING FINISH GRADE. CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES (HAND HOLES, WATER AND GAS CATCH BASINS, MANHOLES, ETC.) FROM EXISTING FINISH GRADE TO FINISHED GRADE. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY ADJUSTMENTS REQUIRED.
 - CONTRACTOR SHALL MAINTAIN THE UTILITY OF THE EXISTING DRAINAGE SYSTEM AT ALL TIMES. DURING EARTHWORK OPERATIONS, DRAINAGE SYSTEMS SHALL BE MAINTAINED OPEN AND CLEAR. CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES (HAND HOLES, WATER AND GAS CATCH BASINS, MANHOLES, ETC.) FROM EXISTING FINISH GRADE TO FINISHED GRADE. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY ADJUSTMENTS REQUIRED.
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 - IN ALL LAWN AREAS, FINISH GRADE SHALL BE BROUGHT TO WITHIN 6" OF FINISHED GRADE UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS PRIOR TO THE START OF CONSTRUCTION. ALL WILL NOT BE DISTURBED BY CONSTRUCTION.

LEGEND

SYMBOL	DESCRIPTION
(Dashed line)	PROPERTY BOUNDARY
(Solid line)	EXISTING CONTOUR
(Dotted line)	PROPOSED CONTOUR
(Dashed line with dots)	EXISTING TREELINE
(Dashed line with triangles)	TREELINE (LIMIT OF CLEARING)
(Dashed line with circles)	STORMWATER POND
(Dashed line with squares)	SWALE
(Dashed line with diamonds)	QUILVERT
(Dashed line with stars)	CATCH BASIN/PIPE
(Dashed line with crosses)	ISOLATED WETLANDS
(Dashed line with pluses)	NON-ISOLATED WETLANDS
(Dashed line with asterisks)	SLOPES OVER 20%



The Modified Belleayre Resort at Catskill Park
 Wildacres Resort & The Highmount Spa Resort
 Town of Shandaken & Town of Middletown, New York
 Title: Grading and Drainage Plan

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