GENERAL NOTES

1. LOCATIONS OF ANY UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WITH UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. IF EXCAVATION IS TO OCCUR, THE CONTRACTOR SHALL CALL "DIG SAFE" AT (888) 344-7233 NO LESS THAN 72 HOURS, (EXCLUSIVE OF WEEKENDS AND HOLIDAYS), PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO THE ENGINEER PRIOR TO EXCAVATION WORK.

2. CONSULT ALL OF THE DRAWINGS AND COORDINATE REQUIREMENTS BEFORE COMMENCING CONSTRUCTION. CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE FAMILIAR WITH ALL DRAWINGS PRIOR TO COMMENCING THE CONSTRUCTION.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS TO DETERMINE THE EXTENT OF SITE IMPROVEMENTS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND REVIEWING THE ABOVE NOTED DRAWINGS AND THE CONTRACTOR SHALL ASSUME RESPONSIBILITY OF VERIFYING ALL EXISTING CONDITIONS, QUANTITIES AND MATERIALS PRIOR TO SUBMITTING A PROPOSAL.

5. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND EXISTING CONDITIONS OR EXISTING CONDITIONS TO REMAIN SHALL BE BROUGHT TO THE ATTENTION OF THE TOWN OF TILTON BEFORE PROCEEDING. ITEMS ENCOUNTERED THAT ARE NOT INDICATED ON THE DRAWINGS, BUT ARE VISIBLE AT THE SURFACE, SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REMOVED AT NO ADDITIONAL COST TO THE TOWN OF TILTON OR THE ENGINEER.

6. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS OUTSIDE THE PROJECT LIMITS, INCLUDING THE STAGING AND STORAGE AREA, SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE TOWN OF TITLTON OR THE ENGINEER.

7. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THEIR EMPLOYEES, AS WELL AS PUBLIC USERS FROM INJURY DURING THE ENTIRE BUILDOUT PERIOD USING ALL NECESSARY SAFEGUARDS, INCLUDING BUT NOT LIMITED TO, THE ERECTION OF TEMPORARY STRUCTURES, PROTECTIVE BARRIERS, COVERING, OR FENCES AS NEEDED.

8. EXISTING TREES TO REMAIN SHALL BE MARKED WITH ORANGE SURVEYOR'S TAPE AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. NO STOCKPILING OF MATERIAL, EQUIPMENT OR VEHICULAR TRAFFIC SHALL BE ALLOWED WITHIN THE DRIP LINE OF TREES TO REMAIN. NO GUYS SHALL BE ATTACHED TO ANY TREE TO REMAIN. WHEN NECESSARY OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL ERECT TEMPORARY BARRIERS FOR THE PROTECTION OF EXISTING TREES DURING CONSTRUCTION. NO FILLING OR EXCAVATION SHALL OCCUR AROUND EXISTING TREES TO REMAIN WITHOUT THE APPROVAL OF THE TOWN OF TILTON OR ENGINEER.

9. ANY QUANTITIES SHOWN ON PLANS ARE FOR DESIGN PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE PROJECT SITE TO VERIFY ALL QUANTITIES AND CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

10. THE LAYOUT OF ALL NEW WALKWAYS AND THE GRADING OF ALL SLOPES AND CROSS SLOPES SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE RULES AND REGULATIONS FOR HANDICAP ACCESS, AND THE AMERICANS WITH DISABILITIES ACT (ADA), TITLE 3. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE REQUIRED.

11. ALL EXISTING DRAINAGE FACILITIES TO REMAIN SHALL BE MAINTAINED FREE OF DEBRIS, SOIL, SEDIMENT, AND FOREIGN MATERIAL AND OPERATIONAL THROUGHOUT THE LIFE OF THE CONTRACT. REMOVE ALL SOIL, SEDIMENT, DEBRIS AND FOREIGN MATERIAL FROM THE CATCH BASIN WITHIN THE LIMIT OF WORK AND ANY DRAINAGE STRUCTURES OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE WORK FOR THE ENTIRE DURATION OF CONSTRUCTION.

12. CONTRACTOR SHALL BE ABLE TO USE THE ADJACENT TOWN OWNED PROPERTY TO THE WEST AS A STAGING AND STORAGE AREA. ANY OTHER AREAS THAT THE CONTRACTOR MAY WISH TO USE FOR STAGING MUST BE COORDINATED WITH THE TOWN OF TILTON.

13. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE TOWN OF TILTON AND THE ENGINEER.

EXISTING CONDITIONS NOTES

1. THE ELEVATIONS SHOWN ARE BASED UPON EXISTING SURVEY INFORMATION. SEE SHEET C-2 FOR PROJECT BENCHMARK LOCATIONS.

2. UNDERGROUND UTILITIES ARE BASED UPON INFORMATION PROVIDED ON THE ENGINEERING MAP BY QUANTUM ENGINEERS, DATED MAY 29, 2014. IT IS NOT GUARANTEED THAT THEY ARE EXACTLY LOCATED, NOR THAT ALL UNDERGROUND CONDUITS OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL DEVICES SPECIFIED ON SHEET C-2 SHALL BE PUT INTO PLACE PRIOR TO BEGINNING ANY CONSTRUCTION OR DEMOLITION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF ALL EROSION CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.

3. CONTRACTOR SHALL MEET ALL OF THE STATE OF NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES AND ANY TOWN OF TILTON WETLAND REGULATIONS FOR SEDIMENT AND EROSION CONTROL.

4. ANY EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.

5. THE CATCH BASINS AND DRAIN GRATE WITHIN LIMIT OF CONTRACT SHALL BE PROTECTED WITH FILTER FABRIC DURING THE ENTIRE DURATION OF CONSTRUCTION. SEE SHEET C-2.

6. EROSION CONTROL BARRIERS TO BE INSTALLED AT THE TOE OF SLOPES. SEE GRADING & DRAINAGE PLANS, NOTES, DETAILS AND SPECIFICATIONS.

7. ANY AREA OUTSIDE THE PROJECT LIMIT THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE TOWN OF TILTON.

8. THE CONTRACTOR SHALL AS NEEDED PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY THE ENGINEER.

SITE PREPARATION NOTES

1. THE CONTRACTOR SHALL CARRY THE COST OF REMOVING ANY EXISTING SITE CONDITIONS NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED PARK CONSTRUCTION. THIS INCLUDES REMOVAL OF ALL REMNANT ASPHALT, TREES NOT MARKED TO REMAIN AND SHRUB AREAS.

2. UNLESS SPECIFICALLY NOTED TO BE SAVED OR REUSED, ALL SITE FEATURES THAT ARE REMOVED SHALL BE TRANSPORTED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE. ALL MATERIALS NOT APPROVED OR SCHEDULED FOR REUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER AT NO COST TO THE TOWN OF TILTON OR ENGINEER.

3. ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST.

4. DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF EXCAVATION AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING. ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK.

5. ALL AREAS IDENTIFIED AS LOAM AND SEED, PARKING LOT, WALKWAYS AND SHRUB PLANTING AREAS SHALL BE CLEARED OF VEGETATION AND ANY LARGE ROCKS OR REMNANT ASPHALT PRIOR TO CONSTRUCTION.

6. ANY TREES DESIGNATED TO REMAIN SHALL BE TAGGED BY THE TOWN OF TILTON PRIOR TO THE START OF WORK.

7. NORTHERN BOUNDARY OF PARK SHOWN ON SHEET C-2 IS AT ASSUMED RIGHT OF WAY. CONTRACTOR IS REQUIRED TO INDEPENDENTLY VERIFY.

LAYOUT AND MATERIALS NOTES

1. ALL LAYOUT LINES, OFFSETS, OR REFERENCES TO LOCATING OBJECTS ARE EITHER PARALLEL OR PERPENDICULAR UNLESS OTHERWISE DESIGNATED WITH ANGLE OFFSETS NOTED.

2. ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO COMMENCEMENT OF INSTALLATION. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AS DIRECTED, AT NO ADDITIONAL COST TO THE TOWN OF TILTON OR THE ENGINEER.

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.

4. THE DEPTH OF LOAM BORROW FOR ALL PROPOSED GRASS/WILDFLOWER AREAS SHALL BE 4" MINIMUM. ALL DISTURBED AREAS SHALL BE RESTORED WITH LOAM AND SEED UNLESS OTHERWISE NOTED.

TURTLE NESTING AREA NOTES

1. SHEET C-2 IDENTIFIES A TURTLE NESTING AREA WHICH WILL BE DEVELOPED BY THE CONTRACTOR AS A PART OF THIS PROJECT. TO FACILITATE TURTLES LAYING EGGS IN THIS AREA THE TOP 6" OF CONTAMINATED SOIL IS TO BE RELOCATED ON SITE AND NO MARKER LAYER SHALL BE INSTALLED. CLEAN SAND AND GRAVEL WITH NO GRASS/WILDFLOWER MIX WILL COMPLETE THIS AREA. THE CONTRACTOR SHALL NOT COMPACT THIS MATERIAL.

2. THE TOP 4-INCHES OF CONTAMINATED SOIL SHALL BE REMOVED FROM THE TURTLE NESTING AREA AND REPLACED WITH SANDY SOIL WITH GRAVEL. THIS MATERIAL IS NOT TO BE COMPACTED AND IS TO BE KEPT LOOSE. NO SEED SHALL BE APPLIED TO THESE AREAS.

FENCING NOTES

1. FENCE SHALL BE WOOD/PLASTIC COMPOSITE FENCING OF HIGH DENSITY POLYETHYLENE AND WOOD FLOUR WITH A HEIGHT OF 8'. FENCE SHALL BE OF A COLOR AS APPROVED BY OWNER.

2. FENCE SHALL BE FENCESCAPE COMPOSITE FENCING MANUFACTURED BY TIMBER TECH, WILMINGTON, OHIO, OR APPROVED EQUAL.

SPECIFICATIONS

1. GRANULAR FILL SHALL BE IN ACCORDANCE WITH NHDOT SPECIFICATION 209.

2. LOAM SHALL BE IN ACCORDANCE WITH NHDOT SPECIFICATION 641.

3. GRASS AND WILDFLOWER MIX AREAS SHALL BE TYPE 45, SLOPE SEED IN ACCORDANCE WITH NHDOT SPECIFICATION 644 – GRASS SEED.

4. SANDY SOIL WITH GRAVEL FOR TURTLE NESTING AREA SHALL BE IN ACCORDANCE WITH NHDOT SPECIFICATION 304.2.10, ITEM 302.2. HOWEVER, THIS MATERIAL SHALL HAVE A DIVERSE GRADATION AND BE COMPRISED OF MOSTLY SAND MATERIAL.

5. GRAVEL FOR PARKING AREA AND GRAVEL WALKWAY SHALL BE FINE CRUSHED STONE IN ACCORDANCE WITH NHDOT SPECIFICATION 3.04.2.10, ITEM 304.4.

GRADING, DRAINAGE AND UTILITIES NOTES

1. PARKING LOT GRADES AND TRAIL GRADES TO MEET SMOOTHLY TO ALLOW FOR HANDICAP ACCESS.

2. ALL NEW WALKWAYS MUST CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT (ADA) REGULATIONS: WALKWAYS SHALL MAINTAIN A CROSS PITCH OF NOT MORE THAN TWO (2%) PERCENT AND THE RUNNING SLOPE (PARALLEL TO THE DIRECTION OF TRAVEL) OF 1:20 OR 5%.

3. MINIMUM SLOPE ON ALL WALKWAYS WILL BE 1:100 OR 1% TO PROVIDE POSITIVE DRAINAGE. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.

4. ALL UTILITY GRATES, MONITORING WELL COVERS AS SHOWN ON SHEET C-2, OR OTHER SURFACE ELEMENTS INTENDED TO BE EXPOSED AT GRADE SHALL BE ADJUSTED FLUSH WITH THE ADJACENT FINISHED GRADE AND ADJUSTED TO PROVIDE A SMOOTH TRANSITION AT ALL EDGES. CONTRACTOR SHALL CARRY THE COST FOR THIS WORK.

5. THE CONTRACTOR SHALL SET SUBGRADE ELEVATIONS TO ALLOW FOR POSITIVE DRAINAGE AND PROVIDE EROSION CONTROL DEVICES, STRUCTURES, MATERIALS AND CONSTRUCTION METHODS TO DIRECT SILT MIGRATION AWAY FROM DRAINAGE AND OTHER UTILITY SYSTEMS, PUBLIC/PRIVATE STREETS AND WORK AREAS. CLEAN BASINS REGULARLY AND AT THE END OF THE PROJECT.

6. WHERE NEW EARTHWORK MEETS EXISTING GRADES, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.

7. WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED CONTOURS.

8. RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO LOAM AND SEED UNLESS OTHERWISE NOTED.

9. WHERE NEW IMPROVEMENTS MEET EXISTING CONDITIONS, MEET LINE AND GRADE OF EXISTING ADJACENT PAVEMENTS, TYPICAL.

PLANTING NOTES

1. COORDINATE ALL PLANTING ACTIVITIES WITH THE SCOPE OF WORK CALLED FOR BY GRADING PLANS ENCOMPASSED BY THIS CONTRACT. SET, PROTECT AND REPLACE REFERENCE STAKES AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

2. ALL PLANT MATERIAL MUST BE TAGGED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

3. ANY EXISTING TREES TO REMAIN AND BE PROTECTED ARE TO BE PRUNED FOR CROWN CLEANING AND DEADWOOD REMOVAL.

4. PLANT LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND SHALL BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.

5. IF NECESSARY THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL BLANKET DURING GROUND COVER APPLICATION UNTIL AREAS ARE ESTABLISHED.

6. GRASS AND WILDFLOWER MIX AREAS SHALL BE TYPE 45, SLOPE SEED IN ACCORDANCE WITH NHDOT SPECIFICATION 644 – GRASS SEED.

7. TOWN OF TILTON TO PROVIDE SHRUB TYPE TO BE INSTALLED FROM OPTIONS PRESENTED BY THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THIS INFORMATION FROM THE ENGINEER OR THE TOWN OF TILTON.

8. CARE SHALL BE TAKEN TO LIMIT THE TRACKING OF FLOWING OF SEDIMENT ONTO EAST MAIN STREET DURING PLANTING WORK.

9. CARE SHALL BE TAKEN TO RE-INSTALL ANY MARKER LAYER THAT IS REMOVED DURING PLANTING WORK (SEE BELOW).

MARKER LAYER

1. THE MARKER LAYER SHALL BE INSTALLED WITHIN THE LIMITS SHOWN ON SHEET C-2 AND COVERED WITH A MINIMUM OF 2-INCHES OF GRANULAR FILL. THE MARKER LAYER WILL CONSIST OF EITHER LANDSCAPE FABRIC OR SNOW FENCING AND WILL BE PLACED ON TOP OF THE EXISTING GRADE TO MARK OUT THE HORIZON CONTAINING POLYCYCLIC AROMATIC HYDROCARBON (PAH) CONTAMINATED SOIL. THE MARKER LAYER WILL OCCUPY ALL AREAS NOTED ON SHEET C-3 TO CONTAIN LOAM AND SEED, PARKING LOT, WALKWAY AND PLANTINGS. MARKER LAYER WILL NOT BE PLACED IN THE TURTLE NESTING AREA AS CONTAMINATED SOIL WILL BE RELOCATED ON-SITE (SEE TURTLE NESTING AREA NOTES).

2. BASED ON THE SEQUENCE OF WORK, IT MAY BECOME NECESSARY FOR THE LANDSCAPE CONTRACTOR TO REMOVE PORTIONS OF THE MARKER LAYER, ESPECIALLY DURING INSTALLATION OF SHRUBS. PLEASE NOTE THAT THE CONTRACTOR IS RESPONSIBLE FOR REPLACING THE MARKER LAYER IN AREAS WHERE IT IS PENETRATED. SEE SHEET C-3 FOR THE DETAIL ON PROPER PLACEMENT OF THE MARKER LAYER.

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No.	Date	Dr.By	Ck.By	App.By	Description
					APPROVED

REGISTERED PROFESSIONAL ENGINEER

DATE

TOWN OF TILTON, NEW HAMPSHIRE
CONSERVATION COMMISSION
ERNIE'S AUTO PARK DESIGN

ERNIE'S AUTO PARK DESIGN – NOTES

CADD NO.	SCALE:	CONTRACT:	JOB NO.	DR.BY	DSN.BY	CHK.BY	APP.BY
NOTES	NTS	–	2140313	SHK	SHK	RSV	CR

C-1

FILE NO. –

SHEET 2 OF X