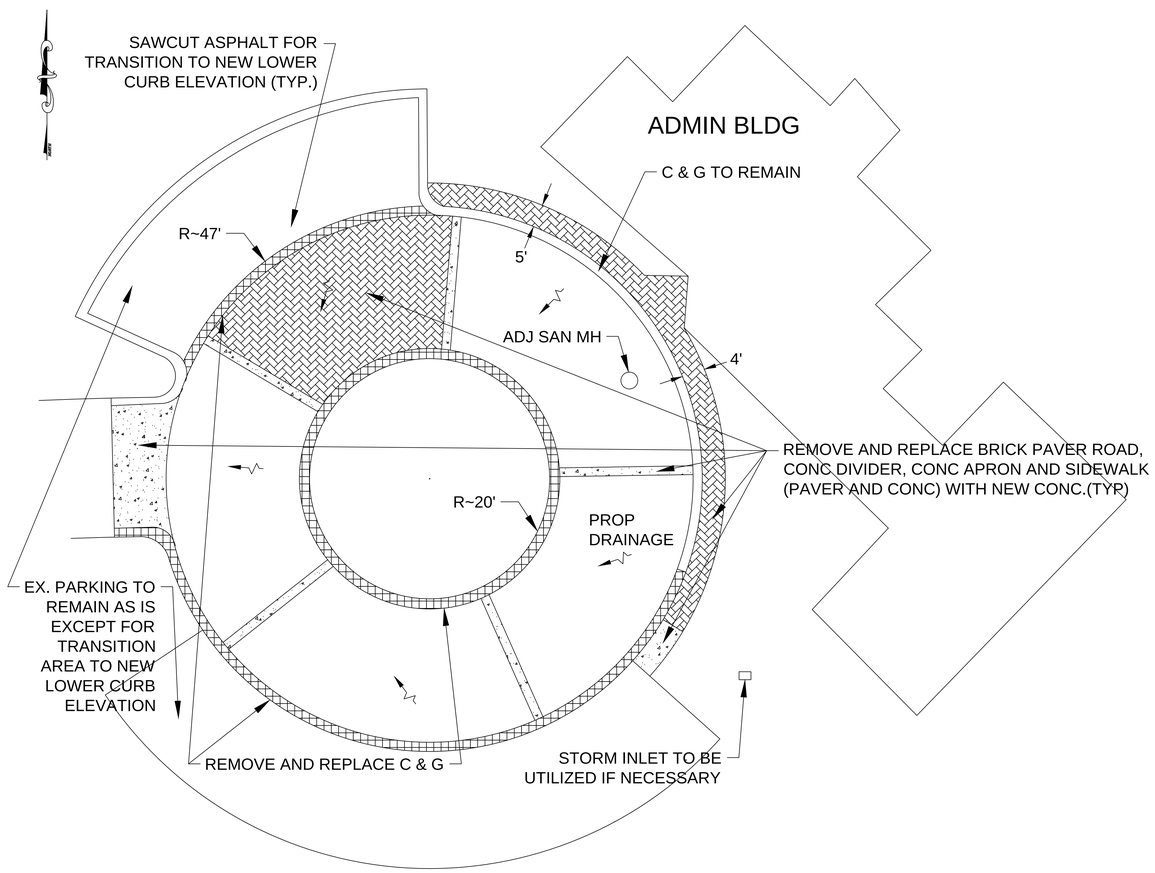


SITE PLAN - ADMINISTRATION BUILDING CIRCLE DRIVE

SCALE: 1" = 10'-0"

NOTES:

1. THIS PORTION OF THE PROJECT, THE CONTRACTOR SHALL ESTABLISH THE PROPOSED GRADING LAYOUT (SURVEY WORK) PRIOR TO CONSTRUCTION BASED ON THE GUIDELINES ON THIS PLAN SHEET (INCIDENTAL TO THIS PROJECT).

2. THE BRICK PAVER ROAD HAS SETTLED OVER THE YEARS AND HAS CREATED DRAINAGE ISSUES. REMOVE THE BRICK PAVER ROAD, THE CONCRETE DIVIDERS BETWEEN THE PAVERS AND THE CONCRETE APRON ENTERING THE CIRCLE AND REPLACE WITH NEW CONCRETE PAVEMENT. REMOVE THE BRICK PAVER SIDEWALK AND THE SHORT SECTION OF CONCRETE SIDEWALK AND REPLACE WITH NEW CONCRETE SIDEWALK. THE CURB & GUTTER IN FRONT OF THE 2 PARKING AREAS HAS DETERIORATED AND DRAINS POORLY; REMOVE AND REPLACE. ALL REPLACEMENT WORK TO BE TO THE SAME EXISTING TYPICAL SECTION DIMENSIONS AS IT CURRENTLY EXIST.

3. THE ISLAND CURB & GUTTER DOES NOT PROVIDE ENOUGH SLOPE BETWEEN THE MAIN ENTRANCE INTO THE BUILDING AND THE ISLAND. THEREFORE THE ISLAND CURB & GUTTER WILL NEED TO BE REMOVED AND REPLACED AT A LOWER ELEVATION TO PROVIDE SUFFICIENT DRAINAGE FOR THE AREA.

4. DRAINAGE OF THE PROJECT AREA IS A KEY ELEMENT. SNOW IS PLOWED ONTO THE ISLAND WHERE IT MELTS THEN FREEZES DUE TO POOR DRAINAGE. THE SURVEYED GRADING LAYOUT WILL NEED TO CLEARLY SHOW WITH DRAINAGE ARROWS, SLOPE PERCENTAGES AND GRADES ON HOW THE AREA WILL DRAIN FROM THE HIGH POINT (BUILDING ENTRANCE) TO THE LOW POINT (CIRCLE DRIVE ENTRANCE). MINIMUM PAVEMENT SLOPE SHALL BE 1.5% AND MINIMUM GUTTER SLOPE SHALL BE 0.5%. REVERSED PITCHED CURB AND GUTTER TO BE UTILIZED IF THE GUTTER OUTFALLS ONTO THE PAVEMENT (I.E., ISLAND C&G). PAVEMENT SLOPES AND RAMPS WILL ALSO NEED TO BE COMPLIANT WITH ADA REQUIREMENTS.

5. IF NECESSARY THE EXISTING INLET MAY BE UTILIZED TO EXTEND ADDITIONAL STORM PIPE (ADS W/STONE BEDDING FROM 3" BELOW PIPE TO 12" ABOVE PIPE, STONE BACKFILL UNDER PAVEMENT) AND INLET (DOT PRECAST CONC.). THE INLET MUST BE PLACED OUTSIDE THE PAVEMENT STRUCTURE I.E., C&G WITH A NEENAH FRAME TO MATCH THE CURB DIMENSIONS.

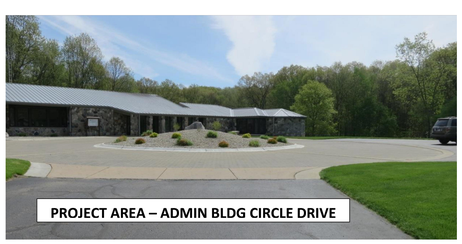
6. THE RECENTLY INSTALLED EXISTING CURB & GUTTER IN FRONT OF THE BUILDING IS IN FAIR CONDITION AND SHALL REMAIN. ALL NEW CURB & GUTTER SHALL MATCH THESE TYPICAL SECTION DIMENSIONS. PROVIDE DEPRESSED CURB & GUTTER IN FRONT OF THE PARKING LOTS.

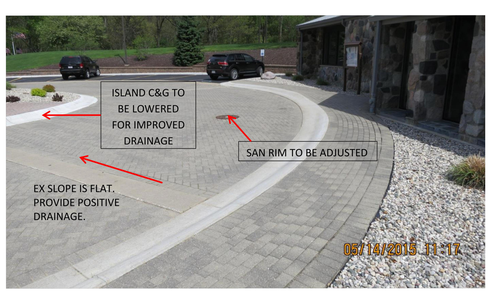
7. FOR PAVEMENT PROVIDE 4000 PSI FIBER REINFORCED AIR ENTRAINED CONCRETE WITH A THICKNESS OF 7" AND DOT AGGREGATE BASE COURSE OF $\frac{3}{4}$" CRUSHED STONE WITH NO FINES AND A THICKNESS OF 6". FOR CONCRETE SIDEWALK PROVIDE 4000 PSI FIBER REINFORCED AIR ENTRAINED CONCRETE WITH A THICKNESS OF 5" AND DOT AGGREGATE BASE COURSE OF $\frac{3}{4}$" CRUSHED STONE WITH NO FINES AND A THICKNESS OF 4".

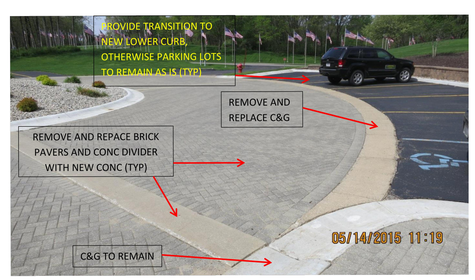
8. PROVIDE A LIGHT BROOM FINISH FOR THE SIDEWALK AND A MORE COURSE FINISH FOR THE PAVEMENT I.E. TINED. PROVIDE THE REQUIRED EXPANSION (WITH POLYURETHANE JOINT SEALANT) AND CONTRACTION JOINTS. PAVEMENT JOINTS TO CONTAIN DOWEL BARS; TIE BARS TO THE CURB & GUTTER. CONTRACTION JOINTS SHALL BE SAWCUT FOR A MORE CLEAN LOOK.

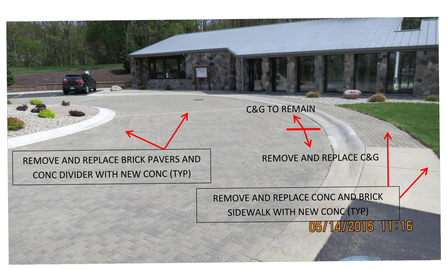
9. ANY FORMWORK OR TRANSITIONAL WORK BACK TO EXISTING GRADE WILL NEED TO PROPERLY DRAIN AND BE REPLACED BACK TO EXISTING CONDITION I.E., LANDSCAPE ISLAND, BITUMINOUS PAVEMENT, TURF RESTORATION, ETC. TO ALSO INCLUDE PARKING LOT STRIPING IN PAVEMENT PATCH AREA. FOR PAVEMENT PATCH PROVIDE MINIMUM 4" DOT BIT. SURFACE COURSE AND 8" DOT AGGREGATE BASE COURSE (CRUSHED STONE ROAD MIX). FOR TURF RESTORATION PROVIDE 6" DOT TOPSOIL AND SEEDING. ISLAND RESTORATION TO MATCH EXISTING LANDSCAPE STONE AND SHRUBS.

10. THE CONTRACTOR SHALL ESTABLISH CONTROL ALIGNMENTS, GRADES, ELEVATIONS AND CROSS SECTIONS. CONTRACTOR IS TO LAYOUT AND CONSTRUCT ALL NEW WORK TO MATCH EXISTING GRADING AND ELEVATIONS AND TO ENSURE FULL AND COMPLETE SITE DRAINAGE WITH NO EVIDENCE OF PONDING OR BIRD BATH AREAS IN THE PROJECT AREA. PROVIDE SMOOTH VERTICAL CURVES THROUGH HIGH AND LOW POINTS INDICATED BY SURVEYED ELEVATIONS. PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISITNG GRADES. AVOID RIDGES AND DEPRESSIONS. SUBMIT FINAL SURVEYED GRADING LAYOUT TO THE COR FOR APPROVAL PRIOR TO CONSTRUCTION.









FINAL FOR CONSTRUCTION

JUNE 16, 2015

Revisions	Date

one inch = one hundred feet (0, 100, 200; 10)

NATIONAL CEMETERY ADMINISTRATION

Drawing Title: **SITE PLAN - ADMIN BLDG CIRCLE DRIVE**	Project Title: **REPAIR PAVEMENT, STONE WALLS & WALKWAY**		Date: **11/9/2015**
			Project No. **909-XX-XXX**
Approved: Division Chief	Building Number: **-----**	Checked	Drawn: **RNE**
Approved: Service Director	Location: **FORT CUSTER NATIONAL CEMETERY**		DRAWING NO. **L-4** Dwg. **5** Of **5**