SD DOT	PROJECT	SECTION	SHEET
	0009-451	Non	1/5

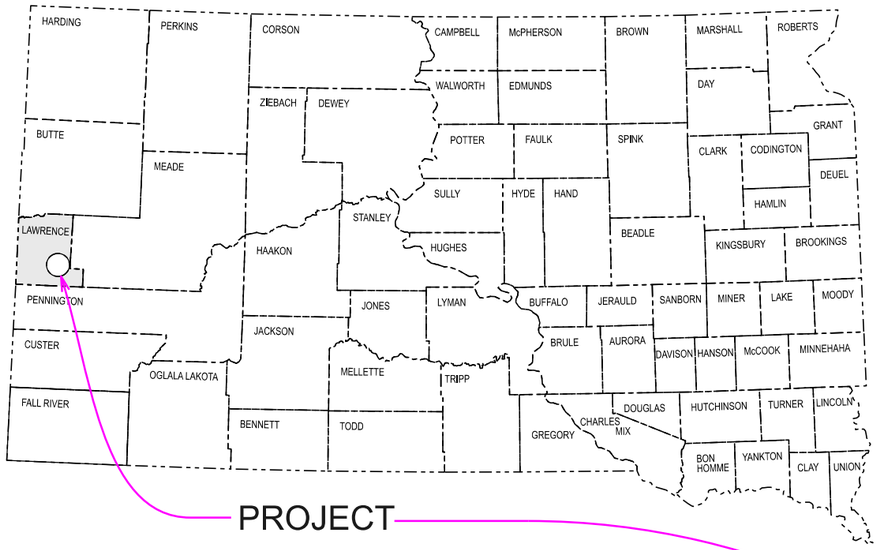
Plotting Date: 4/30/2025

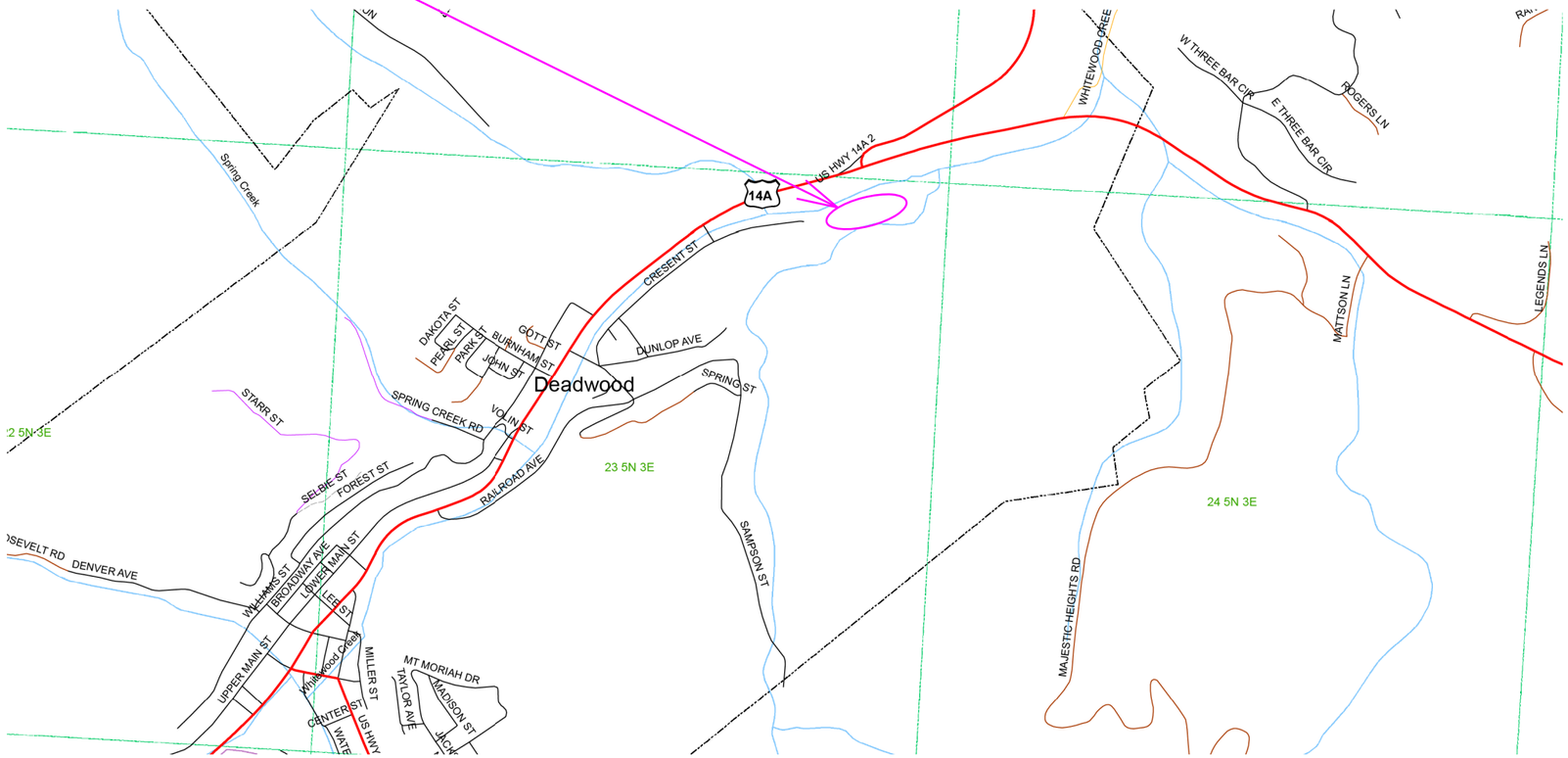
STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

PROJECT 0009-451
DEADWOOD MAINTENANCE YARD
LAWRENCE COUNTY

Subgrade repair and AC Resurfacing
PCN I7X0





INDEX OF SHEETS

NONSECTION ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
110E1010	Remove Asphalt Concrete Pavement	4,813.0	SqYd
120E0100	Unclassified Excavation, Digouts	30	CuYd
210E1010	Site Preparation	Lump Sum	LS
260E1010	Base Course	310.0	Ton
320E1200	Asphalt Concrete Composite	1,338.0	Ton

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications and Special Provisions as included in the Proposal.

WORK DESCRIPTION

Work on this project includes removal of existing asphalt concrete, site preparation, and placement of asphalt concrete composite of the Deadwood Maintenance Yard. It is recommended that Contractor visit site prior to letting.

UTILITIES

The Contractor shall be responsible for locating and protecting any utility that would conflict with any work. Utilities are not planned to be affected on this project. If utilities are identified near the improvement area through the SD One Call Process as required by South Dakota Codified Law 49-7A and Administrative Rule Article 20:25, the contractor shall contact the project engineer to determine modifications that will be necessary to avoid utility impacts.

Any damage done to a utility will be the Contractor's responsibility to repair.

SAWING EXISTING SURFACING

Where new asphalt concrete is placed adjacent to existing asphalt, the existing asphalt concrete shall be sawed full depth to a true line with a vertical face. No separate payment shall be made for sawing.

REMOVE ASPHALT CONCRETE PAVEMENT

An estimated 4813 Square Yards of existing asphalt concrete surfacing will be removed according to the in-place surfacing detail. Asphalt Concrete removed will become the property of the contractor. Care will be taken not to waste the in-place granular material.

SITE PREPARATION

Provided in the Estimate of Quantities is the bid item "Site Preparation" for shaping the areas of existing granular material prior to placement of the 4" Asphalt Concrete Composite. The Contractor shall scarify, rework, shape, water, and compact the upper 4" of existing granular as directed by the Engineer. Areas should be shaped so that the placement of the 4" Asphalt Composite will provide positive drainage away from the buildings. In-place granular material should remain in place when possible. No field measurement will be made. "Site Preparation" will be paid for as lump sum.

UNCLASSIFIED EXCAVATION, DIGOUTS

The locations and extent of digout areas will be determined in the field by the Engineer. The backfilling material for the digouts will be Base Course. Base Course material shall conform to the requirements of Sec 882.2. Backfill material shall be compacted to the satisfaction of Engineer.

Included in the Estimate of Quantities are 30 cubic yards of Unclassified Excavation, Digouts, and 310 tons of Base Course for backfill of Unclassified Excavation, Digouts.

WATER FOR COMPACTION

The cost of water for compaction of the granular material will be incidental to the various other contract items. A minimum of 4% moisture will be required at the time of compaction unless otherwise directed by the Engineer.

BASE COURSE

Base Course will be furnished by the Contractor.

Base Course will meet requirements of Standard Specifications. Compaction of Base Course will be to the satisfaction of Engineer.

SURFACING THICKNESS DIMENSIONS

Plans tonnage will be applied even though the thickness may vary from that shown in the plans. At those locations where material must be placed to achieve a required elevation, plans tonnages may be varied to achieve the required elevation.

ASPHALT CONCRETE COMPOSITE

The 4" Asphalt Concrete Composite as per these plans shall be placed in 2 – 2" lifts for a total thickness of 4".

Asphalt Concrete Composite shall be furnished by the Contractor.

Asphalt Concrete Composite will include MC-70 asphalt for prime placed at the rate of 0.30 gallons per square yard. The asphalt for prime will be applied to the Base Course for the full width of the bottom layer of Asphalt Concrete Composite plus one foot additional on the outside shoulder. Blotting sand for prime required for maintenance of traffic will be applied at a rate of 10 pounds per square yard.

Asphalt for tack SS-1h or CSS-1h will be applied prior to each lift of Asphalt Concrete Composite. Asphalt for tack will be applied at a rate of 0.09 gallons per square yard on existing pavement or milled asphalt concrete surfaces and at a rate of 0.06 gallons per square yard on primed base course or new asphalt concrete pavement. The asphalt for tack will be applied for the full width of the bottom layer of Asphalt Concrete Composite plus one-half foot additional on the outside shoulder.

TRAFFIC CONTROL

Maintenance of traffic for this project will be provided by the SDDOT.
The Contractor shall notify the SDDOT two weeks prior to beginning construction to coordinate traffic control for the project.

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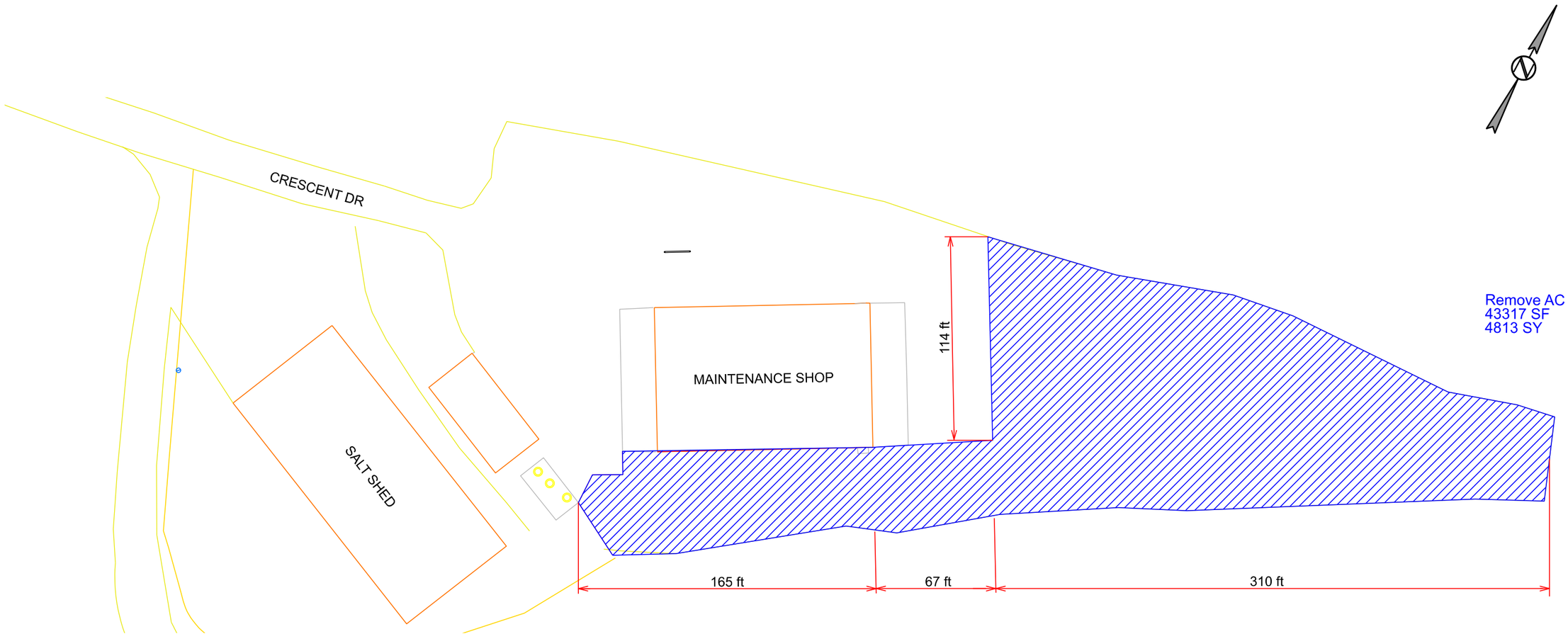
ASPHALT REMOVAL



ASPHALT REMOVAL (43,317 SqFt)

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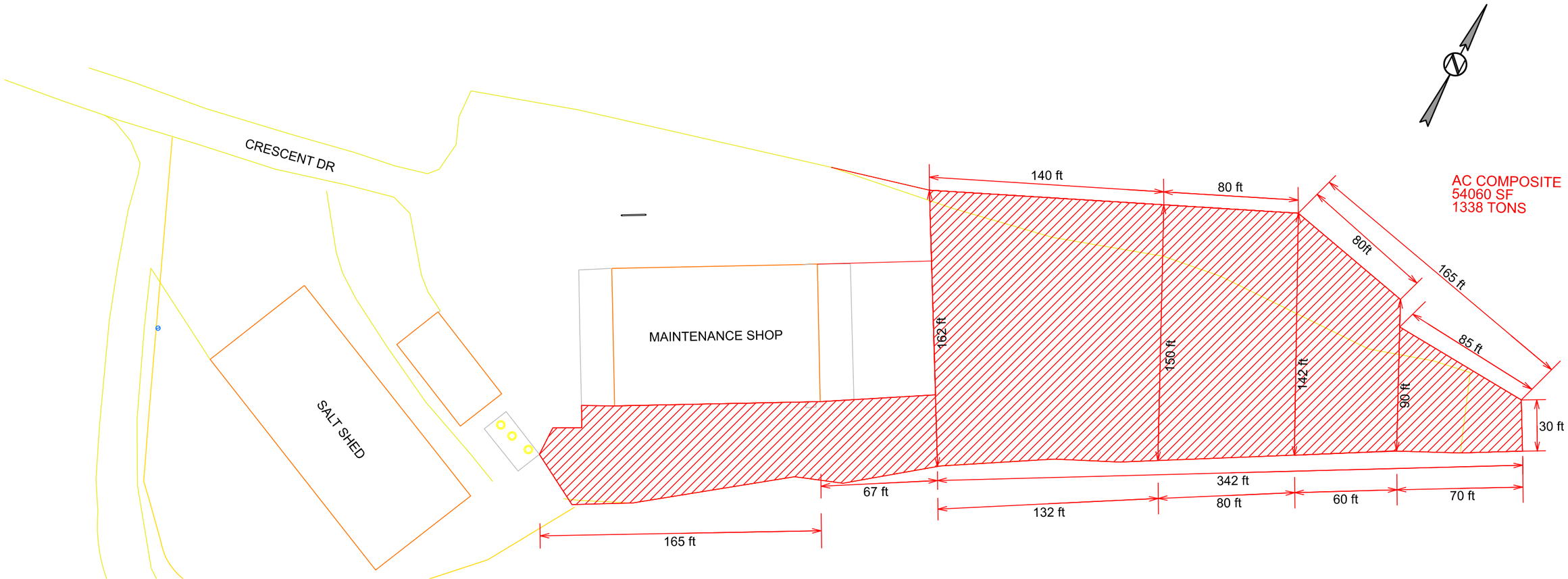
ASPHALT COMPOSITE



4" ASPHALT COMPOSITE (54,060 SqFt)

BASE COURSE

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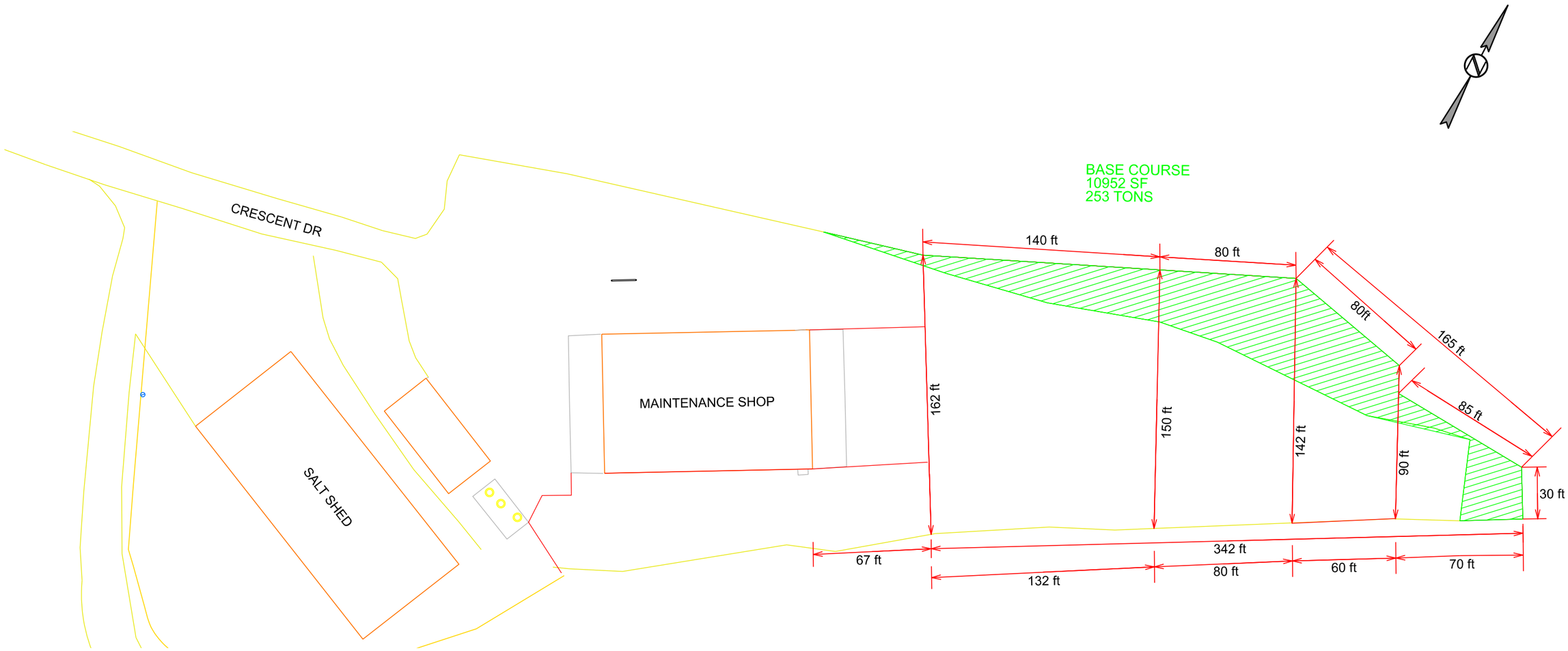

4" BASE COURSE (10,952 SqFt)