

PROJECT DESIGN DATA:

CODE DATA:

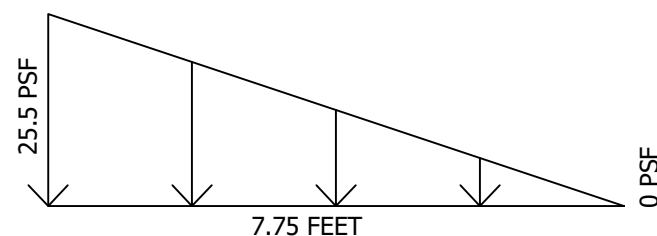
2021 IRC/IBC WITH PPRBD AMENDMENTS
 130 MPH WIND SPEED, EXPOSURE "C"
 43 PSF GROUND SNOW LOAD
 36.1 PSF ROOF SNOW LOAD
 SEISMIC DESIGN CATEGORY "B"

DESIGN CRITERIA:

1. LOADS:

D = 8 PSF (DECK AND ROOF FRAMING)
 D = 30 PSF (SAUNA DEAD LOAD)
 L = 40 PSF (DECK FLOOR LIVE LOAD)
 W = 16 PSF (POSITIVE WIND LOAD)
 W = -30 PSF (NEGATIVE WIND UPLIFT)
 S = 36.1 PSF (ROOF SNOW LOAD)
 SNOW DRIFT IS LINEARLY VARYING FROM 25.5 PSF TO 0 PSF SNOW LOAD STARTING AT THE RIDGE OF THE DECK ROOF WITH A LENGTH OF 7.75 FT PER THE DIAGRAM BELOW. DECK ROOF IS DESIGNED FOR THE ROOF SNOW LOAD PLUS SNOW DRIFTS SIMULTANEOUSLY.

SNOW DRIFT DIAGRAM:



2. ALLOWABLE SOIL BEARING = 1500 PSF (IRC TABLE 401.4.1)

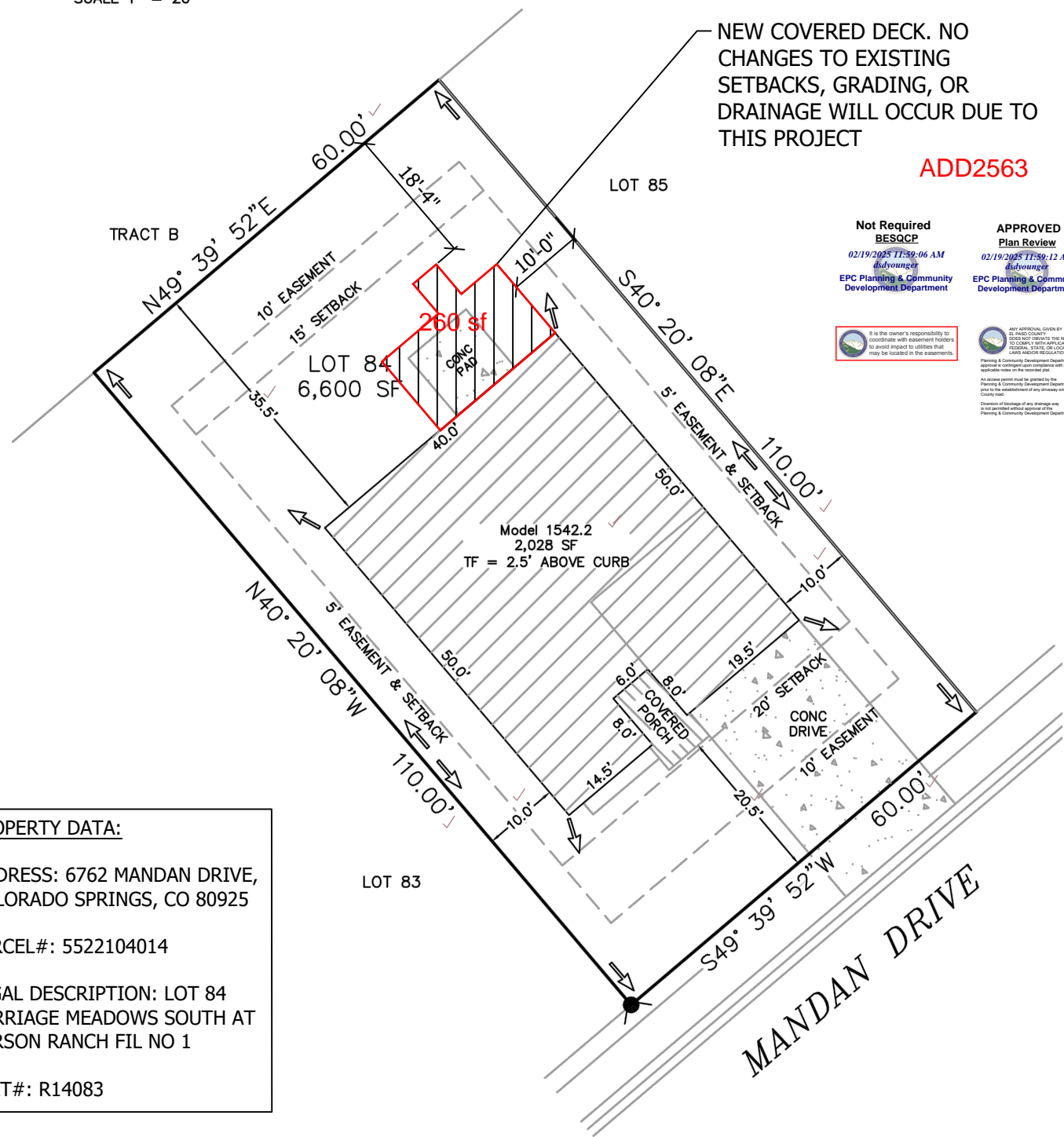
STRUCTURAL NOTES:

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE SHALL BE AIR ENTRAINED AT 6 PERCENT PLUS OR MINUS 1 PERCENT.
2. ALL REINFORCING STEEL SHALL BE GRADE 60 PER ASTM A615 UNLESS NOTED OTHERWISE.
3. CONCRETE CLEAR COVER TO REINFORCING STEEL SHALL BE 3" MINIMUM WHERE FORMED AGAINST EARTH AND 2" ELSEWHERE.
4. ALL STEEL LAP SPLICES SHALL BE CONTACT LAP SPLICES WITH A MINIMUM OVERLAP OF 40 BAR DIAMETERS.
5. ALL WOOD FRAMING SHALL BE NO. 2 GRADE OR BETTER, UNLESS NOTED OTHERWISE ON THE PLANS. WOOD MATERIALS SHALL BE PRESERVATIVE-TREATED, NATURALLY DURABLE, AND TERMITE PROTECTED.



SCALE 1" = 20'

PROPERTY DATA:
 ADDRESS: 6762 MANDAN DRIVE,
 COLORADO SPRINGS, CO 80925
 PARCEL#: 5522104014
 LEGAL DESCRIPTION: LOT 84
 CARRIAGE MEADOWS SOUTH AT
 LORSON RANCH FIL NO 1
 PLAT#: R14083



NEW COVERED DECK. NO CHANGES TO EXISTING SETBACKS, GRADING, OR DRAINAGE WILL OCCUR DUE TO THIS PROJECT

ADD2563

Not Required
 BESQCP
 02/19/2025 11:59:06 AM
 Advantages
 EPC Planning & Community Development Department

APPROVED
 Plan Review
 02/19/2025 11:59:12 AM
 Advantages
 EPC Planning & Community Development Department

It is the owner's responsibility to coordinate with assessment holders to avoid impact to utilities that may be located in the easements.

ANY APPROVAL, GRANT OR TO PROCEED WITH THE WORKS OCCURRING WITHIN APPLICABLE FEDERAL, STATE OR LOCAL LAWS AND/OR REGULATIONS.

Planning & Community Development Department approval is required for all projects with all applicable rules and regulations.

An access permit must be granted by the Planning & Community Development Department prior to the establishment of any driveway onto a County Road.

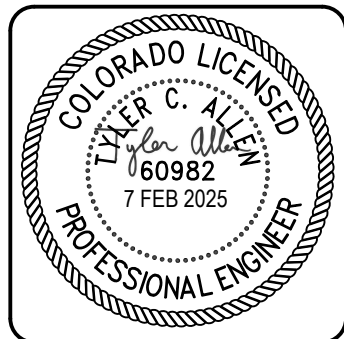
Construction of any driveway must be approved by the Planning & Community Development Department.

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 6762 Mandan Dr, Colorado Springs, CO 80925

PREPARED FOR:
 TYLER ALLEN
 6762 MANDAN DRIVE
 COLORADO SPRINGS, CO 80925
 NEW COVERED DECK



S-0

① SITE PLAN
 1" = 20'-0"



RESIDENTIAL



2023 PPRBC
IECC: N/A

Address: 6762 MANDAN DR, COLORADO SPRINGS

Parcel: 5522104014

Plan Track #: 198560 

Received: 13-Feb-2025 (QUINTONW)

Description:

DECK AND COVER

Contractor:

Type of Unit:

Required PPRBD Departments (2)

<p>Floodplain</p> <p>(N/A) RBD GIS</p>

<p>Construction</p>

Required Outside Departments (1)

<p>County Zoning</p> <p>APPROVED</p> <p>Plan Review</p> <p><i>02/19/2025 12:00:04 PM</i></p> <p><i>dsdyounger</i></p> <p>EPC Planning & Community Development Department</p>

Release of this plan does not preclude compliance with all applicable codes, ordinances and other pertinent regulations. This plan set must be present on the job site for every inspection.