

EC	GEND	PLA		SCHEDULE						
	BOTANICAL NAME		REEN 1	REES	EVERGREEN					
_		SYM	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	SPRD	HGT	HYDRC	,
		РРН	16	PICEA PUNGENS 'HOOPSII'	HOOPSI BLUE SPRUCE	B&B 2.0" CAL MIN.	20`	40`	MED	
	2"- 4" COBBLE MIX	PUB	9	PICEA PUNGENS `BABY BLUEEYES`	BABY BLUE EYES SPRUCE	B&B 6` HIGH MIN.	15`	30`	MED	
		PFL	8	PINUS FLEXILIS `VANDERWOLF`S PYRAMID`	VANDERWOLF'S PYRAMID PINE	B&B 6` HIGH MIN.	25`	40`	MED	
		PNI	2	PINUS NIGRA	AUSTRIAN BLACK PINE	B&B 6` HIGH MIN.	40`	60`	LOW	
	BLUEGRASS TURF	SMALL	TREES							
	DLUEGRASS TURF	SYM	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	SPRD	HGT	HYDRC	,
		AGI	13	ACER GINNALA `FLAME`	AMUR MAPLE	B&B 1.5" CAL MIN.	20`	20`	LOW	_
		ATA	4	ACER TATARICUM	TATARIAN MAPLE	B&B 1.5" CAL MIN.	20`	20`	LOW	
	SEED MIX-NATIVE	MSS	14	MALUS X `SPRING SNOW`	SPRING SNOW CRAB APPLE	B&B 1.5" CAL MIN.		30`	MED	
		SRE	11	SYRINGA RETICULATA	JAPANESE TREE LILAC	B&B 1.5" CAL MIN.	20`	25`	LOW	
		STREET	/LAR	GE TREE						
	SEED MIX-WET/DETENTION POND BOTTOM	SYM	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	SPRD	HGT	HYDRC	,
	SEED MIX-WEI7 DETENTION FOND BOTTOM	AGLA	10	AESCULUS GLABRA	OHIO BUCKEYE	B&B 2.0" CAL MIN.	30`	40`	MED	_
		CSPE	2	CATALPA SPECIOSA	NORTHERN CATALPA	B&B 2.0" CAL MIN.	50`	60`	LOW	
		cocc	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B&B 2.0" CAL MIN.	50`	60`	LOW	
		GTII	10	GLEDITSIA TRIACANTHOS INERMIS `IMPERIAL"	IMPERIAL HONEYLOCUST	B&B 2.0" CAL MIN.	40`	40`	LOW	
٧٨	RD TABLE	GTSM	9	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM	I SHADEMASTER HONEYLOCUST	B&B 2.0" CAL MIN.	40`	50`	LOW	
		GTSK	12	GLEDITSIA TRIACANTHOS `SKYLINE`	SKYLINE HONEY LOCUST	B&B 2.0" CAL MIN.	30`	40`	LOW	
D - 4	ADJACENT GOLDCO DR.	GDIO	6	GYMNOCLADUS DIOICA `ESPRESSO`	KENTUCKY COFFEETREE	B&B 2.0" CAL MIN.		60`	LOW	
	15 LF	QMAC	10	QUERCUS MACROCARPA	BURR OAK	B&B 2.0" CAL MIN.		50`	LOW	
	563 LF	QMUE	16	QUERCUS MUEHLENBERGII	CHINKAPIN ΟΑΚ	B&B 2.5" CAL. MIN	. 50`	50`	MED	
D	5.63	QROB	17	QUERCUS ROBUR	ENGLISH OAK	B&B 2.0" CAL MIN.		60`	MED	
		TAME	4	TILIA AMERICANA	AMERICAN LINDEN	B&B 2.0" CAL MIN.	40`	50`	MED	
PE	R 100 LF REQ'D SHOWN	TCOR	2	TILIA CORDATA	LITTLELEAF LINDEN	B&B 2.0" CAL MIN.	35`	40`	MED	
	1 6 10	UDAV	3	ULMUS DAVIDIANA `CHOICE CITY`	CHOICE CITY DAVID ELM	B&B 2.0" CAL MIN.		50`	MED	
	2 11 11	SHRUB	S							
	1 6 13* 10 56 65	SYM	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	SPRD	HGT	HYDRC	,
ENS	ALONG GOLDCO DR COUNTED	BDN	71	BUDDLEJA DAVIDII `NANHO BLUE`	NANHO BLUE BUTTERFLY BUSH	5 GAL	5` O.C.	5`	LOW	2
		CIN	11	CERCOCARPUS INTRICATUS	LITTLE LEAF MOUNTAIN MAHOGONY	5 GAL	5` O.C.	6`	LOW	e
		CST	37	CHAENOMELES SPECIOSA `TEXAS SCARLET`	TEXAS SCARLET COMMON FLOWERING QUINC	E 5 GAL	7` O.C.	4`	LOW	7
		CSE	39	CORNUS SERICEA `ARTIC FIRE`	ARTIC FIRE DOGWOOD	5 GAL	5` O.C.	4`	MED	Z
RD - /	ADJACENT BYRD DR.	CAT	30	COTONEASTER APICULATUS `TOM THUMB`	TOM THUMB CRANBERRY COTONEASTER	5 GAL	6` O.C.	2`	LOW	7
	15 LF	CSB	68	CYTISUS SCOPARIUS `BURKWOODII`	BURKWOODII RED BROOM	5 GAL	4` 0.C.	3`	LOW	Z
_	1190 LF	FIN	3	FORSYTHIA X INTERMEDIA `ARNOLD`S DWARF`	DWARF FORSYTHIA	5 GAL	6` O.C.	3`	MED	7
D	11.9	JCA	103	JUNIPERUS CHINENSIS `ARMSTRONGII`	ARMSTRONG JUNIPER	5 GAL	4` O.C.	4`	LOW	Z
DE	R 100 LF REQ'D SHOWN	JCG	91	JUNIPERUS COMMUNIS `GREEN CARPET`	GREEN CARPET JUNIPER	5 GAL	7` O.C.	1`	LOW	7
FC	2 24 28	JSM	31	JUNIPERUS SCOPULORUM `MEDORA`	MEDORA JUNIPER	5 GAL	6` O.C.	20`	LOW	e
	1 12 12	JSS	38	JUNIPERUS SCOPULORUM `SKYROCKET`	SKYROCKET JUNIPER	5 GAL	5` O.C.	15`	LOW	e
	2 24 25	KP	5	KOLKWITZIA AMABILIS `PINK CLOUD`	BEAUTY BUSH	5 GAL	10` 0.0	10`	LOW	1
	20 238 246	LXL	6	LONICERA XYLOSTEUM `EMERALD MOUND`	EMERALD MOUND HONEYSUCKLE	5 GAL	5` O.C.	3`	LOW	Z
		ΡΑΤ	38	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	5 GAL	4` 0.C.		LOW	
		PMI	24	PHILADELPHUS MICROPHYLLUS	LITTLELEAF MOCKORANGE	5 GAL	7` O.C.		LOW	
		POP	40	PHYSOCARPUS OPULIFOLIUS `LITTLE DEVIL` TM	DWARF NINEBARK	5 GAL	5` O.C.		LOW	
D - A	ADJACENT KITTYHAWK DR.	PPG	6	PICEA PUNGENS 'GLOBE'	DWARF GLOBE GREEN SPRUCE	5 GAL	4` 0.C.		LOW	
	15 LF	RAG	41	RHUS AROMATICA `GRO-LOW`	GRO-LOW FRAGRANT SUMAC	5 GAL	8` O.C.		LOW	
5	680 LF	SVA	34	SPIRAEA X VANHOUTTEI	VANHOUTT SPIREA	5 GAL	8` O.C.		LOW	
-	6.8	SPM		SYRINGA PATULA `MISS KIM`	MISS KIM LILAC	5 GAL	5` O.C.		LOW	
								-		

#### PER 100 LF REQ'D SHOWN - 16 14 14 1 7 7 10 68 92

### **IRRIGATION TABLE**

AREA	261,884.00	SF	
MIX - WET	33,416.00	SF	
MIX - DRY LAND			
S AND SPRAYS	19,421.00		
DS-DRIP	35,769.00		

	WRAP TREE TO SECOND BRANCH (CROTCH) WITH APPROVED TREE WRAP. LOOSE GUYING & STAKING PER SPECS. STAKE ALL TREES.
_	LOCATE 3 STAKES EQUIDISTANT AROUND TREE WITH ONE IN DIRECTION OF PREVAILING WIND. 2 STRANDS OF 14 GA. GALV. STEEL WIRE ATTACH TO NYLON STRAP AND STAKE.
7	ADJUST TREE STAKE SO TOP IS LEVEL OR JUST BELOW FIRST BRANCH.
'-O'	FINISH GRADE
	AND ROLL INTO BOTTOM OF HOLE. REMOVE

AND ROLL INTO BOTTOM OF HOLE. REMOVE ENTIRE BASKET AND REMAINING BURLAP FROM ROOTBALL PRIOR TO BACKFILLING.

N.T.S.

# TREE PRESERVATION CREDIT TABLE

WEIGELA

COMMON NAME

FEATHER REED GRASS

BLUE GRAMA

TREE ID	ТҮРЕ	COND	MIN. DIAINCHES	LARGE TREE CERDIT	AREA OF CREDIT
Α	AUSTRIAN PINE	REMOVED	0"	0	Goldco Dr
В	AUSTRIAN PINE	DEAD*	4.8"	0	Goldco Dr
С	AUSTRIAN PINE	GOOD	6.5"	1	Goldco Dr
D	AUSTRIAN PINE	GOOD	7.6"	1	Goldco Dr
Е	AUSTRIAN PINE	GOOD	9.7"	1	Goldco Dr
F	AUSTRIAN PINE	GOOD	7.8"	1	Goldco Dr
G	AUSTRIAN PINE	GOOD	5.3"	1	Goldco Dr
Н	AUSTRIAN PINE	GOOD	6.8"	1	Goldco Dr
Ι	AUSTRIAN PINE	GOOD	10.8"	2	Goldco Dr
J	AUSTRIAN PINE	GOOD	9.7"	1	Goldco Dr
К	AUSTRIAN PINE	GOOD	9.6"	1	Goldco Dr
L	AUSTRIAN PINE	GOOD	10.8"	2	Goldco Dr
М	AUSTRIAN PINE	GOOD	11.1"	2	Goldco Dr
N	AUSTRIAN PINE	GOOD	11.1"	2	Goldco Dr
* TREE TO BE REMOVED					

TREE TO BE REMOVED

WFM 56 WEIGELA FLORIDA `MIDNIGHT WINE` TM

BB 357 BOUTELOUA GRACILIS 'BLONDE AMBITION'

CK 192 CALAMAGROSTIS X ACUTIFLORA `KARL FOERSTER`

SYM QNTY BOTANICAL NAME

GRASSES

### TREE PRESERVATION NOTES

1. NO CUT OR FILL WITH GREATER THAN A FOUR-INCH DEPTH SHALL OCCUR WITHIN THE DRIPLINE OR ROOT AREA OF ANY PRESERVED TREE WITHOUT EVALUATION BY A QUALIFIED ARBORIST OR FORESTER AND CITY APPROVAL OF THE CUT OR FILL.

2. NO CUTTING OR FILLING, NOR STORAGE OF BUILDING MATERIALS OR DEBRIS, NOR DISPOSAL OF WASTES, SHALL TAKE PLACE WITHIN THE LARGER OF THE DRIPLINE OR CRITICAL ROOT ZONE OF ANY PROTECTED TREE.

NO IMPERVIOUS PAVING SHALL BE PLACED WITHIN THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE

4. THE LARGER OF THE DRIPLINE OR CRITICAL ROOT ZONE OF ALL PROTECTED TREES SHALL BE BARRICADED PRIOR TO GRADING ACTIVITIES AND SHALL REMAIN IN PLACE DURING CONSTRUCTION TO PREVENT DAMAGE TO THE TREES AND THEIR ROOTS BY CONSTRUCTION EQUIPMENT

5 GAL

1 GAL

1 GAL

SIZE

#### PAWNEE BUTTES FOOTHILLS NATIVE MIX OR EQUAL.

GRAMA.

10LBS / ACRE.

WOOLLY SEDGE.

## PLANTING NOTES

- 1. ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH AMERICAN ASSOCIATION OF USE NURSERYMEN SPECIFICATION FOR NUMBER ONE GRADE. 9% ALL TREES TO BE BALLED AND BURLAPPED, ROOT CONTROL BAG, OR CONTAINERIZED. ALL WIRE 5% AND ROPING TO BE REMOVED BEFORE BACKFILLING. 4% ALL SHRUB BEDS TO BE MULCHED WITH SPECIFIED MULCH (3" AVERAGE DEPTH) ALL TREES TO HAVE MINIMUM (3) FOOT RADIUS WOOD MULCH RING. ALL SHRUBS TO HAVE MINIMUM OF (1.5) 1% FOOT RADIUS WOOD MULCH RING. EDGING SHALL BE INSTALLED BETWEEN GRASS - SHRUB BEDS, BREEZE - TURF AREAS AND O USE BREEZE - PLANTING BEDS. SET TOP OF EDGING LEVEL WITH TOP OF SOD. 7% CHANGES IN PLANT SPECIES OR PLANT LOCATIONS FROM WHAT IS LISTED ON THE LANDSCAPE 2% PLAN WILL REQUIRE THE APPROVAL OF THE CITY OF LOVELAND DEVELOPMENT SERVICES 8% DEPARTMENT PRIOR TO INSTALLATION OR REPLACEMENT. OVERALL QUANTITY AND QUALITY TO 6% BE CONSISTENT WITH APPROVED PLANS. IN THE EVENT OF CONFLICT WITH THE QUANTITIES INCLUDED IN THE PLANT LIST, SPECIES AND QUANTITIES SHALL BE PROVIDED. STREET AND ORNAMENTAL TREES SHALL BE PLANTED NO CLOSER THAN FORTY (40) FEET AND O USE FIFTEEN (15) FEET RESPECTIVELY FROM STREET LIGHTS, FOUR (4) FEET FROM GAS, TELEPHONE 6% AND ELECTRIC UTILITIES, AND TEN (10) FEET FROM ANY DRIVEWAY. MINIMUM CLEARANCE OF (10) FEET BETWEEN ALL TREES AND WATER MAINS, SANITARY SEWERS 2% AND STORM SEWERS, (5) FEET BETWEEN ALL SHRUBS AND WATER MAINS, SANITARY SEWERS 6% AND STORM SEWERS AND (3) FEET ON EACH SIDE OF FIRE DEPARTMENT CONNECTION (FDC). NO 5% VEGETATION OTHER THAN TURF OR GROUND COVERS PLANTED IN FRONT OF FDC. 7% THE IRRIGATION SYSTEM SHALL BE REVIEWED AND APPROVED BY THE CITY OF LOVELAND'S WATER DEPARTMENT PRIOR TO ISSUANCE OF A BUILDING PERMIT. THE IRRIGATION SYSTEM MUST BE INSTALLED OR SECURED WITH THE CITY OF LOVELAND PRIOR TO ISSUANCE OF A 6% CERTIFICATE OF OCCUPANCY. ALL TURF AREAS AND NATIVE SEEDING AREAS TO BE IRRIGATED WITH AUTOMATIC POP-UP 9% IRRIGATION SYSTEM. ALL SHRUB BEDS AND TREES TO BE IRRIGATED WITH AN AUTOMATIC DRIP 2% (TRICKLE) IRRIGATION SYSTEM WITH DEDICATED IRRIGATION CONTROLLER. THE IRRIGATION SYSTEM IS TO BE ADJUSTED TO MEET THE WATER REQUIREMENTS OF THE INDIVIDUAL PLANT 1% MATERIAL 2% 10. DEVELOPER SHALL ENSURE THAT THE LANDSCAPE PLAN IS COORDINATED WITH THE PLANS DONE BY OTHER CONSULTANTS SO THE PROPOSED GRADING, STORM DRAINAGE, OR OTHER O SPC CONSTRUCTION DOES NOT CONFLICT NOR PRECLUDE INSTALLATION AND MAINTENANCE OF 48" o.c. LANDSCAPE ELEMENTS ON THIS PLAN. 60" o.c. 11. SOIL SHALL BE TILLED AND AMENDMENTS INCORPORATED TO A MINIMUM DEPTH OF 6 INCHES. 72" o.c. THE LANDSCAPE INSTALLER SHALL CERTIFY THAT SOIL AMENDMENTS HAVE BEEN INSTALLED IN 48" o.c. ACCORDANCE WITH THE REQUIREMENTS IN UDC SECTION 18.08.603 SOIL AMENDMENTS AND IN 72" o.c. ACCORDANCE WITH THE SUBMITTED PLANS PRIOR TO APPROVAL OF THE LANDSCAPE INSPECTION OR RETURN OF FINANCIAL SECURITY FOR LANDSCAPE IMPROVEMENTS, IF 48" o.c. APPLICABLE. THE FOLLOWING SCHEDULE SPECIFIES THE MINIMUM SOIL AMENDMENT 72" o.c. REQUIREMENTS PER 1,000 SQUARE FEET OF LANDSCAPE AREAS: 48" o.c. BLUEGRASS AND HIGH-WATER PLANTINGS: 3 CUBIC YARDS 72" o.c. SHRUBS, PERENNIALS AND MODERATE TO LOW-WATER PLANTINGS: 2 CUBIC YARDS 60" o.c. XERIC AND VERY LOW-WATER PLANTINGS: 1 CUBIC YARD OR COMPARABLE TREATMENT 60" o.c. DRYLAND AND NATIVE GRASSLAND RE-ESTABLISHMENT AREAS: NO REQUIRED TREATMENT. 120" o.c. 13. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND 48" o.c. LANDSCAPING. 48" o.c. ALL LANDSCAPING SURROUNDING THE BUILDING MAY BE PHASED BASED ON SEASONALITY AND 72" o.c. CONSTRUCTION SCHEDULE. FOUNDATION BEDS TO BE INSTALLED AFTER COMPLETION OF 48" o.c. BUILDINGS, SEASON PERMITTING. ANY LANDSCAPE AND IRRIGATION NOT INSTALLED AT TIME OF 48" o.c. TCO SHALL BE ESCROWED UNTIL COMPLETED. 96" o.c. 15. THE OWNER WILL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE INCLUDING THE PLANTINGS IN PUBLIC STREET RIGHTS-OF-WAY. 96" o.c. 5` O.C. 5` LOW 60" o.c. 16. NO SUBSTANTIAL IMPEDIMENT TO VISIBILITY BETWEEN THE HEIGHTS OF THREE (3) FEET AND 2`O.C. 2` MED. 24" o.c.
- EIGHT (8) FEET SHALL BE CREATED OR MAINTAINED AT STREET INTERSECTIONS WITHIN A SIGHT TRIANGLE AS DESCRIBED WITHIN THE LARIMER COUNTY URBAN AREA STREET STANDARDS. ALL TREES WITHIN SIGHT TRIANGLE WILL BE LIMBED UP SO AS NOT TO OBSTRUCT THE SIGHT SPRD HGT HYDRO SPC TRIANGLE.
- 2` O.C. 2` LOW 24" o.c. 17. IF PLANTS ARE IN NEED OF REPLACEMENT DUE TO DECLINING HEALTH, DISEASE, OR DEATH, 3;` O.C. 5` LOW 36" o.c. THE PLANTS MUST BE REPLACED WITH THE ORIGINAL SPECIES UNLESS APPROVED BY THE CITY OF LOVELAND DEVELOPMENT SERVICES DEPARTMENT.

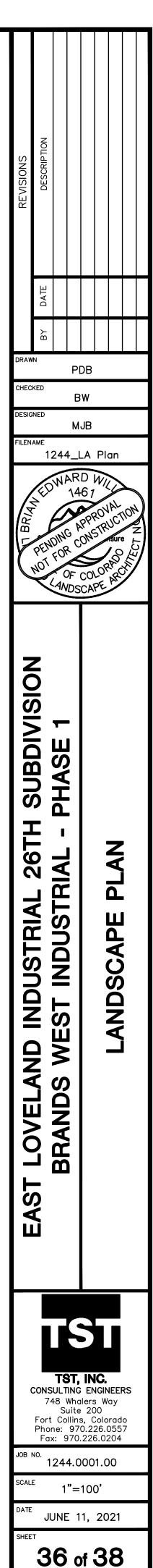
# SEEDING MIX / SEEDING NOTES

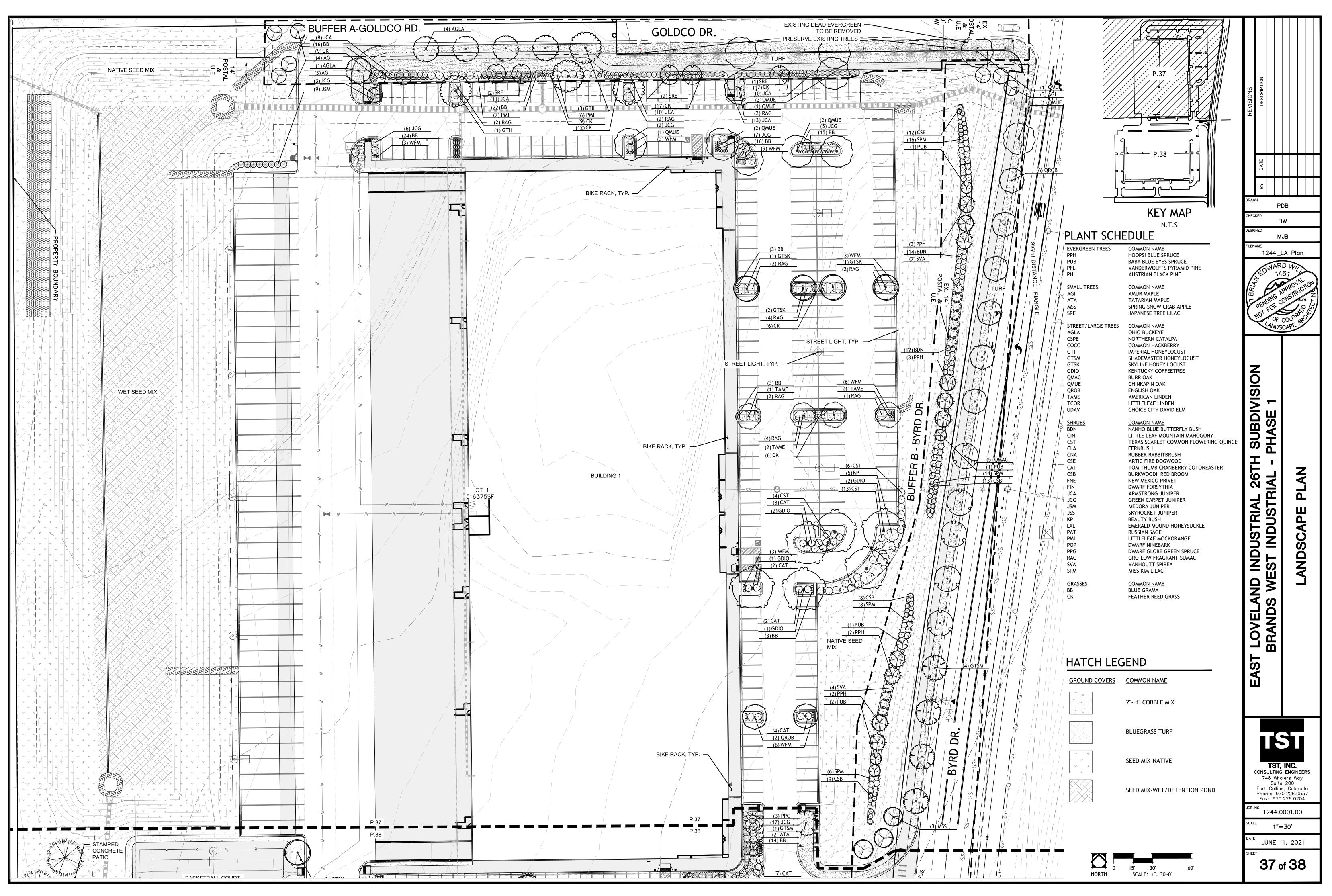
NATIVE SEEDING - DRY LAND MIX

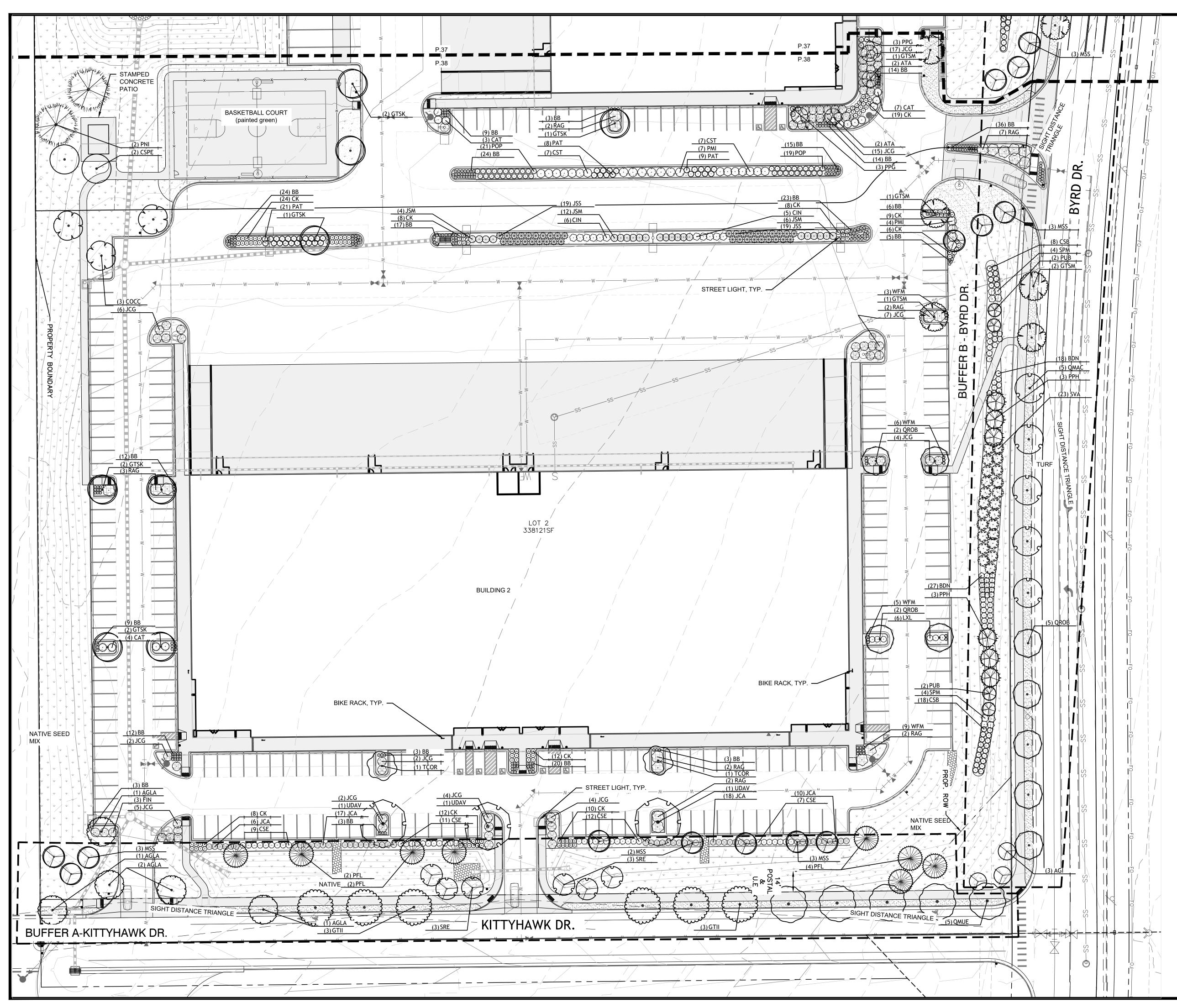
- SWITCHGRASS, ROCKY MOUNTAIN FESCUE, BIG BLUESTEM,
- SANDBERG BLUEGRASS, SLENDER WHEATGRASS, THICKSPIKE/STREAMBANK/WESTERN WHEATGRASS, YELLOW INDIANGRASS, BLUE GRAMA, BEARDLESS WHEATGRASS, INDIAN RICEGRASS, LITTLE BLUESTEM, SAND DROPSEED, SIDEOATS
- 50 PLS LBS/ACRE (PLEASE NOTE THIS IS DOUBLE THE RECOMMENDED APPLICATION RATE).
- OVERSEEDING ALL AREAS INDICATED AS DRYLAND MIX SHALL BE OVERSEEDED WITH WESTERN WHEATGRASS AT THE RATE OF
- **DETENTION POND WET SEED MIX**
- PAWNEE PRAIRIE WETLAND MIX OR EQUAL. ANY EXISTING WET DRAINAGE BOTTOM AREAS TO BE HYDRO SEEDED.
- ALKALI BULRUSH, CANADA WILDRYE, SWITCHGRASS, INDIANGRASS, PRAIRIE CORDGRASS, SOFT STEM RUSH, THREE SQUARE BULRUSH, HARDSTEM BULRUSH, NEBRASKA SEDGE, BALTIC RUSH, POPCORN SEDGE, CREEPING SPIKERUSH,
- 20 PLS LBS/ACRE (PLEASE NOTE THIS IS DOUBLE THE **RECOMMENDED APPLICATION RATE).**

SEEDING NOTES 1. ALL DISTURBED AREAS SHALL BE SEEDED AS

- INDICATED ON PLANS. 2. IMMEDIATELY FOLLOWING THE RAKING OPERATION, ADD STRAW MULCH TO THE SEEDED AREAS.
- 3. APPLY STRAW MULCH AT A MINIMUM OF 1.5 TONS PER ACRE OF AIR DRY MATERIAL. SPREAD STRAW MULCH UNIFORMLY OVER THE AREA WITH MECHANICAL MULCH SPREADER / CRIMPER. DO NOT MULCH WHEN WIND VELOCITY EXCEEDS 10 MPH
- 4. WHEREVER THE USE OF CRIMPING EQUIPMENT IS PRACTICAL, PLACE MULCH IN THE MANNER NOTED ABOVE AND ANCHOR IT INTO THE SOIL. USE A DISC SUCH AS A MULCH TILLER, WITH A FLAT SERRATED DISC AT LEAS 1/4 INCH IN THICKNESS, HAVING DULL EDGES, AND SPACE NO MORE THAN 9 INCHES APART, WITH DISCS OF SUFFICIENT DIAMETER TO PREVENT THE FRAME OF THE EQUIPMENT FROM DRAGGING THE MULCH. ANCHOR MULCH A MINIMUM DEPTH OF 2 INCHES AND ACROSS THE SLOPE WHERE PRACTICAL WITH NO MORE THAN TWO PASSES OF THE ANCHORING EQUIPMENT.
- 5. IMMEDIATELY UPON COMPLETION OF THE MULCHING AND BINDING OPERATION, THE SEEDED AREAS SHALL BE IRRIGATED, KEEPING THE TOP 2 INCHES OF SOIL EVENLY MOIST UNTIL SEED HAS UNIFORMLY GERMINATED AND GROWN TO A HEIGHT OF 2-INCHES.
- 6. TEMPORARY IRRIGATION / WATERING APPLICATION SHALL BE DONE IN A MANNER WHICH WILL PROVIDE UNIFORM COVERAGE BUT WHICH WILL NOT CAUSE EROSION, MOVEMENT, OR DAMAGE TO THE FINISHED SURFACE.







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