1. PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE OFFICE OF THE OWNER'S REPRESENTATIVE FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK

- 2. READ THOROUGHLY AND BECOME FAMILIAR WITH THE DRAWINGS. NOTATIONS. DETAILS AND SPECIFICATIONS FOR THIS AND RELATED WORK PRIOR TO
- LANDSCAPE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES NECESSARY TO FURNISH AND INSTALL LANDSCAPE ELEMENTS AND PLANTINGS AS
- SPECIFIED HEREIN AND AS SHOWN ON THESE PLANS
- 4. REPORT ANY DISCREPANCIES IN THE LANDSCAPE PLANS IMMEDIATELY TO THE OWNER/ OWNER'S REPRESENTATIVE.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANT LIST AS DEEMED
- 6. ALL PLANT LOCATIONS ARE APPROXIMATE, ADJUST AS NECESSARY TO AVOID CONFLICTS.
- QUANTITIES OF MATERIALS SHOWN ON THE PLANTING PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT MATERIAL SCHEDULE. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- 8. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE WORK, UTILITIES HAVE BEEN SHOWN ON PLAN FOR ROUGH LOCATION OF SERVICES. LOCATE EXACT UTILITY LOCATIONS BY CONTACTING "CALL BEFORE YOU DIG" AT (800) 922-1987 OR 811. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE HE MAY CAUSE
- 9. REMOVE ALL RUBBISH, EQUIPMENT AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
- 10. STORAGE OF ANY MATERIALS, BUILDINGS, VEHICLES OR EQUIPMENT, FENCING AND WARNING SIGNS SHALL BE MAINTAINED THROUGHOUT THE SITE WORK AND CONSTRUCTION PERIODS BY THE CONTRACTOR.
- 11. ALL COMMON LANDSCAPE AND STREETSCAPE PLANTINGS WITHIN THIS DEVELOPMENT SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.
- 12. ANY OBJECT WITHIN THE SIGHT DISTANCE TRIANGLE OR EASEMENT MORE THAN 30 INCHES ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT ROADWAY SHALL CONSTITUTE A SIGHT OBSTRUCTION, AND SHALL BE REMOVED OR LOWERED. THE OBJECTS MAY INCLUDE BUT ARE NOT LIMITED TO BERMS, BUILDINGS, PARKED VEHICLES ON PRIVATE PROPERTY, CUT SLOPES, HEDGES, TREES, BUSHES, UTILITY CABINETS OR TALL CROPS. TREES MAY BE PERMITTED AT THE DISCRETION OF THE ECM ADMINISTRATOR IF PRUNED TO AT LEAST 8 FEET ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT ROADWAY.

SHRUB/ TREE PLANTING NOTES:

- 1. ALL TREE AND SHRUB LOCATIONS ARE APPROXIMATE; ADJUST AS NECESSARY TO AVOID CONFLICTS. PLANTING LOCATIONS OF SHRUBS, GRASSES, AND PERENNIALS AS SPECIFIED. OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL OF LOCATIONS PRIOR TO PLANTING TREES AND SHRUBS.
- 2. ALL PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE COLORADO NURSERY ACT OF 1965 - TITLE 35, ARTICLE 25, CRS 1974 (SEE LANDSCAPE THE NURSERY ACT)
- 3. PLANTS ARE TO BE SELECTED AND SIZED AS SHOWN ON THE PLANT SCHEDULE.

OVERALL SITE

SCALE: 1" = 300'

- 4. PLANTING BEDS RECEIVING MULCH ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT, APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. DO NOT APPLY HERBICIDE IN PERENNIAL BEDS
- 5. POROUS WEED BARRIER FABRIC, AS NOTED IN THE SPECIFICATIONS, SHALL BE INSTALLED WHERE NOTED IN THE DETAILS.
- 6. ALL PLANT MATERIALS SHALL HAVE BACKFILL CAREFULLY PLACED AROUND BASE AND SIDES OF BALL TO TWO-THIRDS (2/3) DEPTH OF BALL, THEN THOROUGHLY SOAKED WITH WATER TO ALLOW SETTLEMENT. ALL WIRE, BURLAP FASTENERS AND LOOSE BURLAP AROUND BASE OF TRUNK SHALL BE REMOVED AT THIS TIME. REMAINDER OF PIT SHALL THEN BE BACKFILLED, ALLOWING FOR DEPTH OF MULCH, SAUCER AND SETTLEMENT OF BACKFILL. BACKFILL SHALL THEN BE THOROUGHLY WATERED AGAIN.
- THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL AUTOMATIC IRRIGATION SYSTEMS ARE OPERATIONAL AND ACCEPTED. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANT'S HEALTHY CONDITION BASED ON SEASONAL CONSIDERATIONS.
- 8. AT THE COMPLETION OF PLANTING OPERATIONS ALL PLANTS SHALL BE INSPECTED BY THE OWNER AND OWNER'S REPRESENTATIVE. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER. ANY PLANT NOT IN HEALTHY CONDITION DURING THE WARRANTY PERIOD SHALL BE REPLACED AS PER THE ORIGINAL SPECIFICATIONS, AT NO CHARGE TO THE OWNER

THE HILLS AT LORSON RANCH

EL PASO COUNTY, CO PLANNED UNIT DEVELOPMENT AND PRELIMINARY PLAN

LOCATED IN THE NORTH HALF (N 1/2) SECTION 24 AND IN THE SOUTH HALF (S 1/2) SECTION 13, T15S, R65W OF THE 6TH P.M., EL PASO COUNTY, STATE OF COLORADO

2. GENERAL CONTRACTOR SHALL PROVIDE 4" OF TOPSOIL AT ALL SOD AND PLANTING AREAS. GRADE SHALL BE ADJUSTED FOR SOD THICKNESS. ALL FINISH GRADING SHALL BE

4. ALL SPECIFIED SEED MIXES SHALL CONSIST OF CERTIFIED SEED VARIETIES THAT ARE FREE OF NOXIOUS WEEDS AND HAVE BEEN TESTED FOR PURITY AND GERMINATION WITHIN

SIX MONTHS OF THE PLANTING DATE. CERTIFICATION LABELS WHICH INDICATE THE SPECIES, PURITY, GERMINATION, WEED CONTENT, ORIGIN, AND TEST DATE SHALL BE

5. SEEDING METHOD: DRILL SEEDING OR BROADCAST SEEDING SHALL BE USED FOR REVEGETATION. AS OUTLINED BELOW, THE SIZE AND SLOPE OF THE DISTURBED AREA SHALL

DETERMINE WHICH SEEDING METHOD(S) IS APPROPRIATE AND ACCEPTABLE. WHERE FEASIBLE, RANGELAND DRILL SEEDING COMBINED WITH A COVER OF CRIMPED HAY MULCH

5.1. SLOPES LESS THAN 3:1 - SEED SHALL BE PLANTED USING A RANGELAND DRILL WITH A SMALL SEED/LEGUME BOX AND AN AGITATOR BOX FOR FLUFFY OR BULKY SEED. SEED ROWS SHALL BE SPACED 7-10 INCHES APART, AND PLANTED 0.5 TO 0.75 INCHES DEEP. THE DRILL SHALL HAVE DOUBLE-DISK FURROW OPENERS WITH DEPTH BANDS AND

6. MULCHING: WEED-FREE NATIVE HAY, WEED-FREE STRAW, OR VIRGIN WOOD FIBER HYDRO-MULCH SHALL BE USED TO CONTROL EROSION AND PROMOTE SEED GERMINATION AND

7. NATIVE HAY OR STRAW SHALL BE CRIMPED INTO THE SOIL TO A DEPTH OF AT LEAST 3 INCHES, AND SHALL PROTRUDE ABOVE THE GROUND AT LEAST 3 INCHES. AN ORGANIC

GUY WIRES TO BE

TIGHTENED (TYP.)

TO EXISTING GRADE

UNIFORMLY AND NEATLY

MATCH TOP OF ROOT FLARE

REMOVE SOIL TO THE ROOT

PLANTING PIT TO BE 2.5X

WIRE BASKET FROM

ROOTBALL

THE WIDTH OF ROOTBALL

REMOVE ALL BURLAP AND

TOP OF GRADE

PLANT ESTABLISHMENT. NATIVE HAY, STRAW, OR HYDRO-MULCH SHALL BE APPLIED AT 2,000 POUNDS/ACRE ON SLOPES LESS THAN 3:1. ON STEEPER SLOPES, A MULCHING RATE

TACKIFIER SHALL BE USED TO HOLD THE HAY OR STRAW IN PLACE IF THE CRIMPING RESULTS ARE INSUFFICIENT. HYDRO-MULCH SHALL BE APPLIED USING A COLOR DYE AND THE

GERMINATION RATE IS NOT ACHIEVED, THE CONTRACTOR SHALL OVERSEED UNTIL THE GERMINATION RATE IS ACHIEVED. REVEGETATION SHALL HAVE AT LEAST 3 NATIVE GRASS

SEEDLINGS/SQUARE FOOT AND NO BARE AREAS EXCEEDING ONE SQUARE METER AFTER THE SECOND GROWING SEASON. FOR DRILL SEEDED AREAS, PLANTING ROWS SHALL BE

EVERGREEN TREE

5'-0" WIDE

MAX. 2%

CROSS SLOPE

5' COMPACTED BREEZE TRAIL

PLANTING DETAIL

8. APPROVAL OF SEEDED TURF AREAS SHALL BE BASED UPON THE SEED PRODUCERS GUARANTEED SEEDING GERMINATION RATE FOR A ONE SQUARE FOOT AREA. IF GUARANTEED

PACKER WHEELS. SEEDING SHALL BE ACCOMPLISHED USING BI-DIRECTIONAL DRILLING AND FOLLOWING THE SLOPE CONTOUR. THE DRILL EQUIPMENT SHALL BE

5.1.1. FOR AREAS LARGER THAN 0.1 ACRE- HYDRO-SEEDING SHALL BE USED. THE SEED SHALL NOT BE TANK MIXED WITH THE HYDRO-MULCH AND BROADCAST.

1. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING EROSION CONTROL MEASURES DURING THE DURATION OF WORK ON-SITE.

CALIBRATED EACH DAY OR WHENEVER THERE IS A CHANGE IN THE SEED MIX TO ENSURE PROPER SEED DISTRIBUTION AND RATE.

3. FINE GRADE SOD AREAS TO ELIMINATE IRREGULARITIES ON THE SURFACE. ROLL OR PERFORM ADDITIONAL FINE GRADING.

SODDING & SEEDING:

PERFORMED BY LANDSCAPE CONTRACTOR.

OR HYDRO-MULCH IS THE REQUIRED METHOD

OF 2,500 POUNDS/ACRE SHALL BE USED.

MANUFACTURER RECOMMENDED RATE OF AN ORGANIC TACKIFIER.

SUBMITTED FOR ALL SEED MATERIALS

12/28/2020

DRAINAGE;

15004 1ST AVENUE S. **BURNSVILLE, MN 55306** PHONE: (719) 570-1100 OWNER/DEVELOPER: LORSON LLC 212 N. WAHSATCH DR., SUITE 301

COLORADO SPRINGS, CO 80903

CORE ENGINEERING GROUP

PLANNER/ LANDSCAPE ARCHITECT:

2435 RESEARCH PARKWAY,

COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100

FAX: (719) 575-0208

SUITE 300

CONSULTANTS:

CIVIL ENGINEER

(719) 635-3200

PROVIDE A SMOOTHLY RAKED FINISH GRADE, PROVIDE POSITIVE GROUNDCOVER PER

1. TOPSOIL TO CONSIST OF DARK, LIGHT LOAM SOIL FREE OF ROCKS, ROOTS, AND FOREIGN MATERIALS. 2. COMPOST TO CONSIST OF 1-YEAR OLD ORGANIC MATERIAL AND SHOULD NOT INCLUDE CHICKEN MANURE. 3. FROZEN MATERIALS OR MATERIALS GREATER THAN 1" DIA. SHOULD BE REMOVED.

SOIL PREP FOR ALL AREAS PLANTING DETAIL

SOIL AMENDMENTS PER NOTES

EVENLY SPREAD -

TOPSOIL 4" DEEP

SUB SOIL (RIP 6" DEEP)

PLAN APPLICATION

USE 16 GA. WIRE (CAL-TIE OR EQUIV.)-REMOVE TWINE FROM BRANCHES PLACED THROUGH GROMMETS OF WEB STRAPS TO SECURE TREE SPRAY WITH WILT PRUF OR EQUAL (IF LEAFED OUT) ORANGE FLUORESCENT FLAGGING ON-COTTON/NYLON WEBBING STRAP WIRE FOR SAFETY REMOVE SOIL TO ROOT FLARE STEEL POSTS. GUY TREE TO PLUMB MATCH TOP OF ROOT FLARE TO EXISTING GRADE POSITION. SECURE GUYS TO TRUNK AT 1/2- 2/3 THE TREE HEIGHT. PLACE 4" SHREDDED CEDAR MULCH POSTS AND WIRES SO THAT THEY DO W/OUT FABRIC NOT RUB AGAINST BRANCHES 1'-0" LONG X 4" DIA. ADG CORRUGATED FLEXIBLE PIPE (WEED WHACKER GUARD). SPLIT ONE SIDE END-TO-END AND PLACE

3 X DIA. OF ROOTBALL

EXISTING GRADE **BACKFILL SOIL PER** SPECIFICATIONS

USE 16 GA. WIRE (CAL-TIE OR EQUIV.) PLACED THROUGH GROMMETS OF WEB STRAPS TO SECURE TREE ORANGE FLUORESCENT FLAGGING ON WIRE FOR SAFETY

3 X DIA. OF ROOTBALL

STEEL POSTS. GUY TREE TO PLUMB POSITION. SECURE GUYS TO TRUNK AT 1/2- 2/3 THE TREE HEIGHT. PLACE POSTS AND WIRES SO THAT THEY DO NOT RUB AGAINST BRANCHES

AROUND BASE OF TREE TRUNK

∠ ∫PLANTING DETAIL

DECIDUOUS TREE

1'-0" LONG X 4" DIA. ADG CORRUGATED FLEXIBLE PIPE (WEED WHACKER GUARD). SPLIT ONE SIDE END-TO-END AND PLACE AROUND BASE OF TREE TRUNK

2-3' WIDE BOULDERS FOR RETAINING. UTILIZE BOULDERS STOCKPILED FROM GRADING OPERATIONS

REMOVE TWINE FROM BRANCHES SPRAY WITH WILT PRUF OR EQUAL (IF LEAFED OUT) COTTON/NYLON WEBBING STRAP REMOVE SOIL TO ROOT FLARE MATCH TOP OF ROOT FLARE TO EXISTING GRADE 4" SHREDDED CEDAR MULCH W/OUT FABRIC EXISTING GRADE **BACKFILL SOIL PER SPECIFICATIONS**

TREE SLOPE DETAILS

PLANTING DETAIL ON SLOPES (3:1 OR STEEPER)

VICINITY MAP

PROJECT:

REVISION HISTORY:

THE HILLS AT LORSON RANCH PLANNED UNIT DEVELOPMENT AND PRELIMINARY PLAN

EL PASO COUNTY, CO APPROVED: DECEMBER 10, 2020

DATE DESCRIPTION 7/31/2020 REVISIONS PER COUNTY REVIEW 10/22/2020 REVISIONS PER COUNTY REVIEW

DRAWING INFORMATION: PROJECT NO: 20.1129.00

DRAWN BY: CHECKED BY: APPROVED BY: SHEET TITLE:

> LANDSCAPE NOTES, DETAILS

> > LS01

SHEET 12 OF 17

PCD FILE NO.: PUDSP203

DEVELOPMENT PLAN DATA:

TRAIL DETAIL

STREET NAME OR ZONE BOUNDARY:	GRAYLING DR.	WALLEYE DR.	LAMPREY DR.	LORSON BLVD.	FONTAINE BLVD
ZONE DISTRICT BOUNDARY:	NO	NO	NO	NO .	NO
STREET CLASSIFICATION:	COLLECTOR	COLLECTOR	COLLECTOR	COLLECTOR	ARTERIAL
SETBACK DEPTH REQUIRED/PROVIDED:	10' / 10'	10' / 10'	10' / 10'	10' / 10'	25' / 25'
LINEAR FOOTAGE:	1,200'	2,605'	735'	1,474'	1,855
TREE/FEET REQUIRED:	1/30	1/30	1 / 30	1/30	1/20
NUMBER OF TREES REQUIRED/PROVIDED:	40 / 40	87 / 87	25 / 25	49 / 49	93 / 93
SHRUB SUBSTITUTES REQUIRED/PROVIDED:	0/0	0/0	0/0	0/0	0/0
ORNAMENTAL GRASS SUBSTITUTES REQ./PROV.	0/0	0/0	0/0	0/0	0/0
PLANT ABBREVIATION DENOTED ON PLAN: *	GD	WD	LM	LB	FB
% GROUND PLANE VEG. REQUIRED/PROVIDED:	75% / 75%	75% / 75%	75% / 75%	75% / 75%	75% / 75%

DO NOT CUT LEADER. PRUNE DAMAGED

COTTON / NYLON WEBBING STRAP

DOUBLE STRAND GALV. WIRE (10GA.)

SHREDDED CEDAR MULCH W/OUT FABRIC

SOLID GREEN "T" POSTS TO EXTEND NO MORE THAN 6" ABOVE GRADE. 3 PER TREE

APPLY A 20-10-5-8S GRANULAR FERTILIZER

NTS

OR DEAD WOOD PRIOR TO PLANTING

(4" DEPTH X 6' DIAMETER)

WHICH CONSISTS OF:

70 % TOPSOIL MIX

15 % AGED MANURE

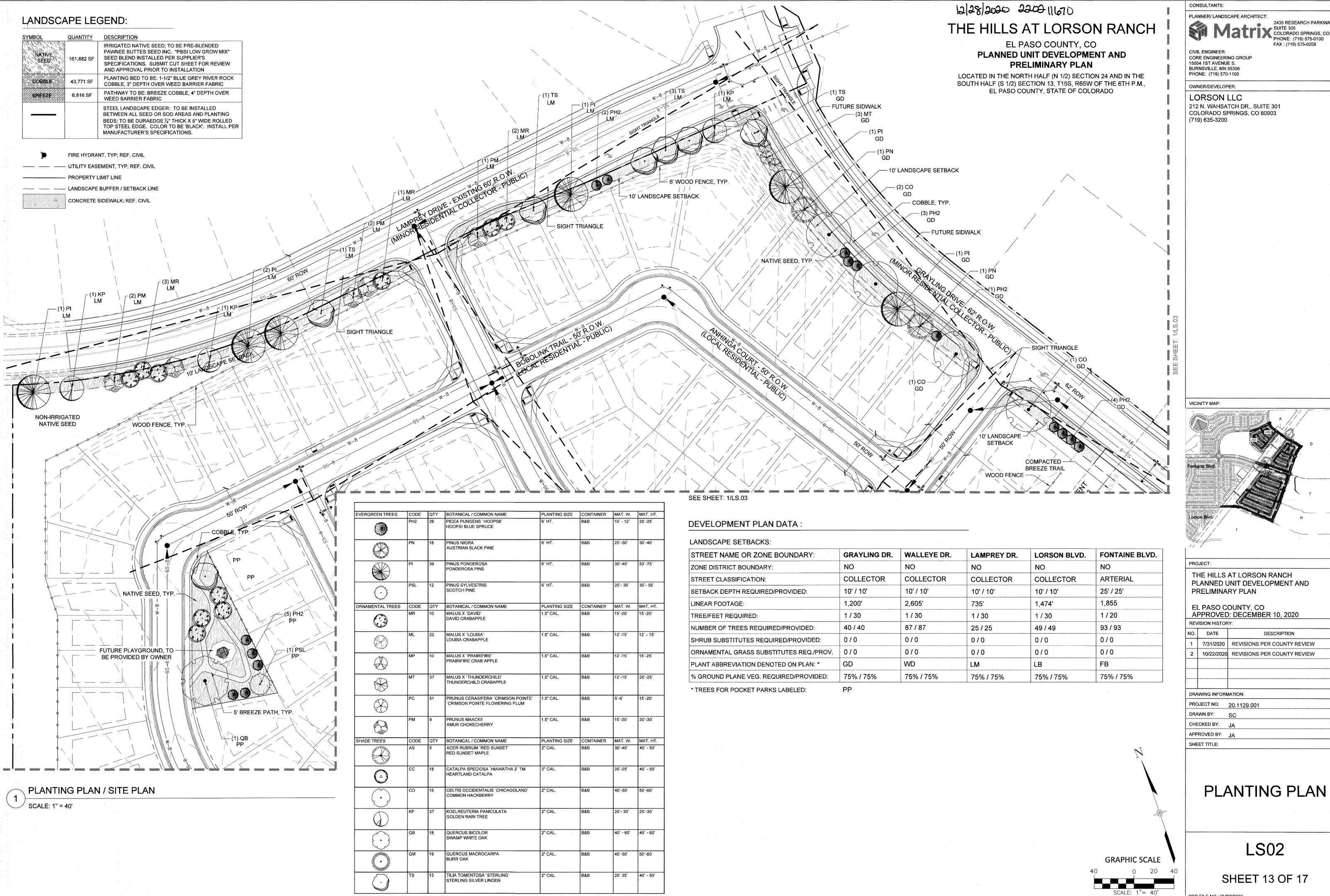
AT A RATE OF200 LB. PER AC.

- COMPACTED

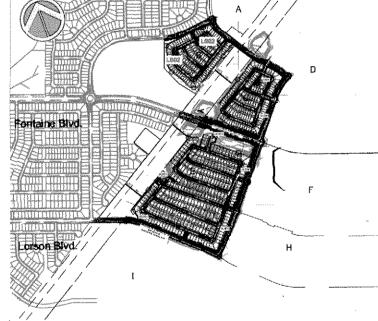
15% COMPOST

BACKFILL WITH PLANTING MIX

NOTICEABLE BY THE END OF THE FIRST FULL GROWING SEASON. IF A PARTIAL OR TOTAL SEEDING FAILURE IS APPARENT AFTER THE SECOND GROWING SEASON. POORLY VEGETATED AREAS SHALL BE RESEEDED IN THE SAME MANNER DESCRIBED ABOVE. APPROPRIATE SITE PREPARATION PRACTICES SHALL BE USED TO CREATE A SUITABLE SEEDBED FOR PLANTING, BUT ANY ESTABLISHED NATIVE VEGETATION SHALL BE UNDISTURBED TO THE EXTENT POSSIBLE. AREAS THAT ERODE BEFORE GERMINATION AND ESTABLISHMENT CAN OCCUR SHALL BE REPAIRED AND IMMEDIATELY RESEDED DURING THE SAME SEASON. 2/LS02



2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100



PLANNED UNIT DEVELOPMENT AND

SHEET 13 OF 17

PCD FILE NO.: PUDSP203

