

LEGEND OF SYMBOLS:

- XXX--- EXISTING MINOR CONTOUR
- - -XXX- - EXISTING MAJOR CONTOUR
- XXX--- PROPOSED MINOR CONTOUR
- XXX--- PROPOSED MAJOR CONTOUR
- FF-XXXX FINISHED FLOOR OF STRUCTURE
- (XXX.XX TC) PROPOSED TOP OF CURB ELEVATION
TC = (TP+6") UNLESS NOTED OTHERWISE
- (XXX.XX TP) PROPOSED TOP OF PAVEMENT ELEVATION
- (XXX.XX FF) PROPOSED FINISH GRADE ELEVATION
- (XXX.XX FF) PROPOSED FINISH FLOOR AT DOOR
- (XXX.XX TW) PROPOSED FINISH GRADE AT TOP OF WALL

HATCH LEGEND:

- [Hatched Area] TEMPORARY PARKING AREA
SEE LEGEND NOTE "J"

GENERAL EROSION CONTROL & SEEDING NOTES:

SEDIMENT AND EROSION CONTROL SHALL NOT BE LIMITED TO THE MEASURES SHOWN ON THE PLANS. THE CONTRACTOR, WITH THE APPROVAL OF THE COUNTY INSPECTOR, SHALL UTILIZED BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS

CONCRETE TRUCKS SHALL HAVE PROPER WASHOUTS, AS APPROVED BY THE COUNTY INSPECTOR. CITY AND STATE ROADS SHALL BE CLEANED AND KEPT CLEAR OF MUD, SEDIMENT, AND ANY OTHER DEBRIS AT ALL TIMES THROUGHOUT CONSTRUCTION.

ALL ON-SITE TRASH, LITTER, DISCARDED BUILDING MATERIALS, OTHER CONSTRUCTION WASTES, AND DEBRIS, EITHER EXISTING OR FROM CONSTRUCTION, MUST BE REMOVED AND PROPERLY DISPOSED OFF-SITE.

CONTRACTOR SHALL PROVIDE SUFFICIENT TEMPORARY TOILET FACILITIES TO SERVE THE NUMBER OF WORKERS ON THE SITE.

THE CONTRACTOR SHALL PROVIDE THE CITY INSPECTOR INFORMATION CONCERNING STORAGE AND HANDLING OF ALL HAZARDOUS AND TOXIC SUBSTANCES BROUGHT ONTO THE SITE. THE CONTRACTOR WILL ADHERE TO APPLICABLE FEDERAL AND STATE REGULATIONS CONCERNING STORAGE AND DISPENSERS, SPILL PREVENTION CONTROL, AND COUNTERMEASURE PLANS FOR CLEANUP.

THE EROSION CONTROL INSPECTOR OF THE CITY SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CLEARING, GRADING, AND/OR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR AN INSPECTION OF THE SITE.

ALL EXCAVATIONS, GRADING, OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 3:1 SLOPE (33%).

TEMPORARY SILTATION CONTROL MEASURES (STRUCTURAL) SHALL BE MAINTAINED UNTIL VEGETATIVE COVER IS ESTABLISHED AT A DENSITY SUFFICIENT TO PROVIDE EROSION CONTROL ON THE SITE.

UPON COMPLETION OF STORM SEWERS, SILTATION CONTROL SHALL BE PROVIDED AROUND ALL OPEN SEWER INLETS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.

WHERE NATURAL VEGETATION IS REMOVED DURING GRADING, VEGETATION SHALL BE RE-ESTABLISHED IN SUCH A DENSITY AS TO PREVENT EROSION.

TEMPORARY VEGETATION OR OTHER APPROVED SURFACE STABILIZATION METHODS SHALL BE USED WITHIN 14 DAYS WHEN THE SOIL DISTURBANCE HAS CEASED ON AREAS GREATER THAN 2,000 SQUARE FEET.

PERMANENT GRASS MUST BE ESTABLISHED AT A DENSITY SUFFICIENT TO PROVIDE EROSION CONTROL ON THE SITE WITHIN 30 DAYS OF THE COMPLETION OR SUSPENSION OF GRADING OPERATIONS. BETWEEN PERMANENT GRASS SEEDING PERIODS, TEMPORARY COVER SHALL BE PROVIDED.

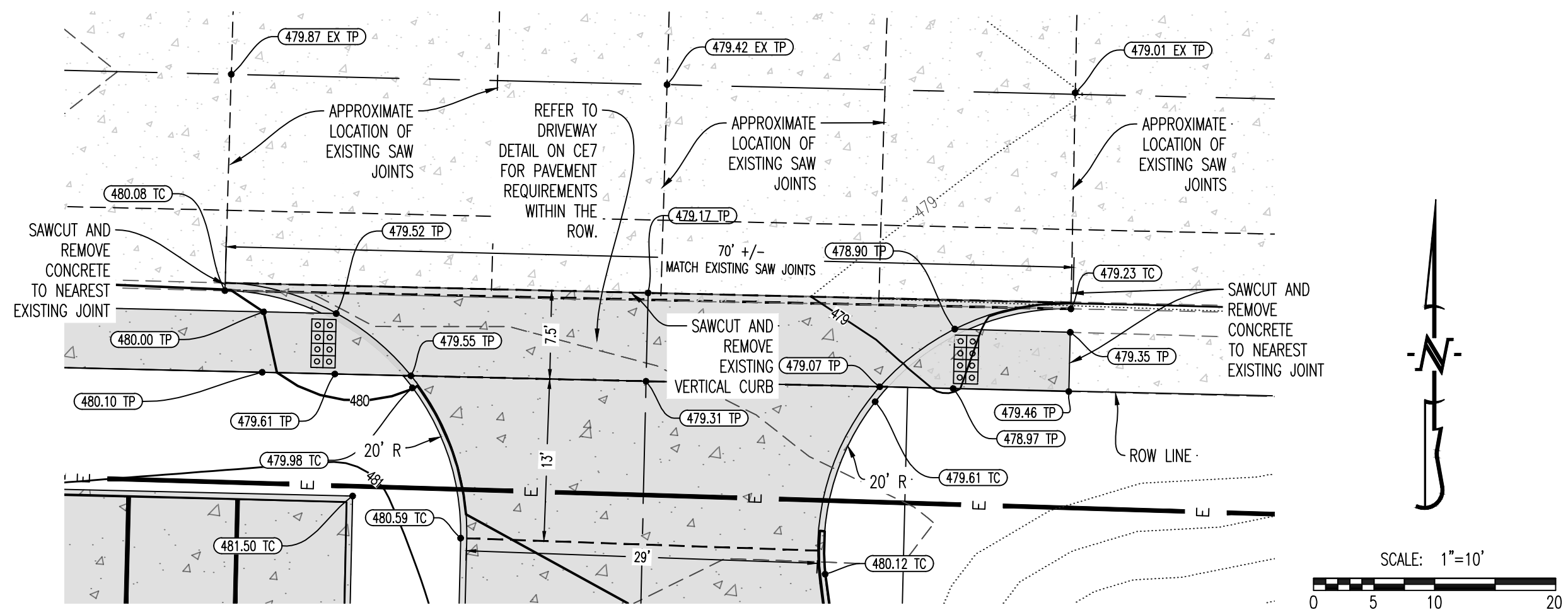
THE FOLLOWING SUBMITTALS ARE REQUIRED PRIOR TO TEMPORARY AND PERMANENT SEEDING:

- 1) SOIL TEST REPORT
- 2) FERTILIZATION MIXTURE AND RATE
- 3) SEEDING DATE
- 4) SEED MIXTURES AND RATES OF APPLICATION, SUPPLIER, AND PURITY PERCENTAGE
- 5) MULCHING MATERIALS AND APPLICATION RATES
- 6) MOWING HEIGHT

SEEDED AREAS SHALL BE RE-FERTILIZED 4 WEEKS AFTER INITIAL SEEDING. ALL AREAS IDENTIFIED AS BARE AND SPARSE (LESS THAN 30% GROUND COVER) DURING THE INSPECTION SHALL BE RE-SEEDING AND MULCHED. GRASS SHALL NOT BE CUT UNTIL 4" OF GROWTH OCCURS.

LEGEND OF LABELS:

- (A) LIMITS OF DISTURBANCE. APPROXIMATELY 0.95 ACRES
- (B) INSTALL STABILIZED CONSTRUCTION EXIT. ALL CONSTRUCTION TRAFFIC SHALL LEAVE THE SITE VIA THIS EXIT. REFER TO DETAIL ESC-4 ON CE 4. THE STABILIZED ENTRANCE/EXIT SHALL BE AT THE EXISTING PAVEMENT AND BE A MINIMUM OF 30' WIDE BY 50' LONG AGGREGATE WASH OFF PAD USING 2" CLEAN ROCK, APPROXIMATELY 6" DEEP. IF WATER IS NOT AVAILABLE, A WATER TRUCK SHALL BE PROVIDED TO WASH OFF MUDDY TIRES.
- (C) INSTALL SILT FENCE WHERE SHOWN. PORTIONS OF SILT FENCE MUST BE INSTALLED PRIOR TO LAND DISTURBANCE. SEE SILT FENCE INSTALLATION DETAIL ON CE 4.
- (D) STRIP EXISTING SOD/TOPSOIL FOR REUSE. THERE IS LIKELY NOT ENOUGH ROOM FOR ALL SOD TO REMAIN. HAUL OFF ANY EXCESS SOD/TOPSOIL THAT IS NOT NEEDED TO FINISH GRADE THE SITE.
- (E) PROVIDE INLET PROTECTION AROUND EACH INLET AS SHOWN. SEE DETAIL ON CE 4.
- (F) PROVIDE CURB INLET PROTECTION AFTER PAVEMENT IS POURED. SEE DETAIL ON CE 4.
- (G) RESPREAD A MINIMUM OF 6" OF TOPSOIL OVER THE VEGETATED AREAS AND SEED IN ACCORDANCE WITH THE SEEDING REQUIREMENTS IN THE GENERAL NOTES.
- (H) PROVIDE ADA ACCESSIBLE STALLS. THE CROSS-SLOPE IN ALL DIRECTIONS SHALL BE LESS THAN 2%.
- (I) PROVIDE LOW VOLUME CHANGE MATERIAL BENEATH THE SLAB. THE LVC LAYER SHALL CONSIST OF LOW PLASTICITY 1" BASE ROCK OR EQUIVALENT. IT SHALL EXTEND TO 3" BELOW THE FINISH FLOOR ELEVATION OF THE BUILDING.
- (J) INSTALL TEMPORARY PARKING AREA BETWEEN BUILDING AND ROAD AS SHOWN BY THE HATCHED AREA. PROVIDE 2" CLEAN ROCK APPROXIMATELY 6" DEEP.



ENLARGED DRIVE WAY ENTRANCE DETAIL

PROJECT TITLE:
LANDMARK COOL SPRINGS LLC
1024 COOL SPRINGS RD
O'FALLON, MO 63366

Engineering Company's Information
 PREPARED BY:
CROCKETT ENGINEERING CONSULTANTS
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 1-000000015

ENGINEER SIGNATURE BLOCK

 JESSE R. STEPHENS
 MO LICENSE - 201000089
 2-12-2021

Developer / Owner Information
LANDMARK COOL SPRINGS LLC
114 STONE RIDGE MEADOWS
O'FALLON, MO 63366
City of O'Fallon Cover Sheet

P+Z No. - 20-007735
Approval Date: 10-2-2020

Permit No.

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CE 3 - GRADING PLAN