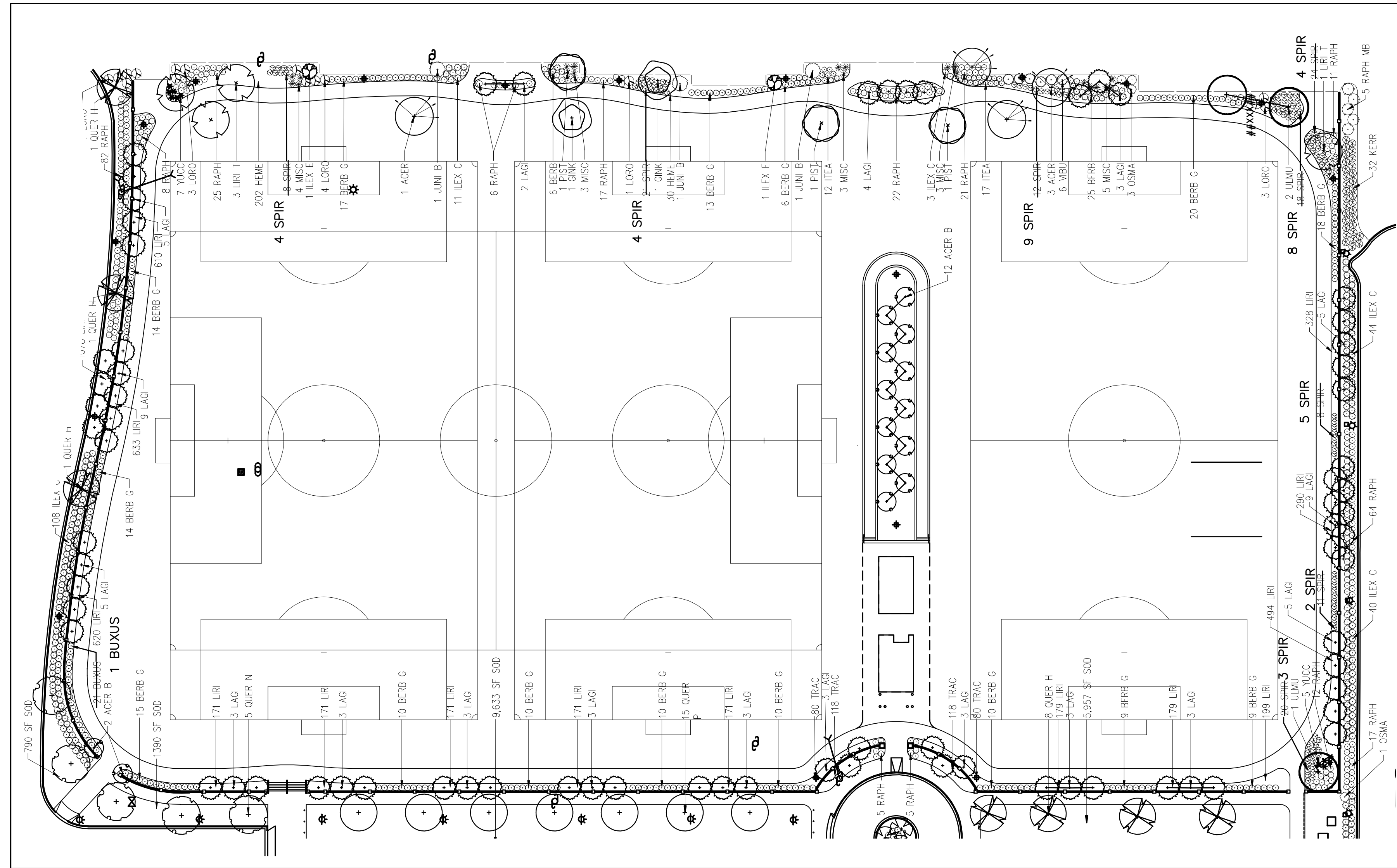
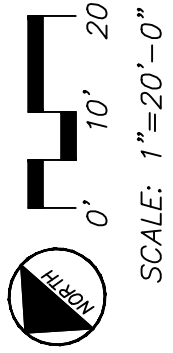
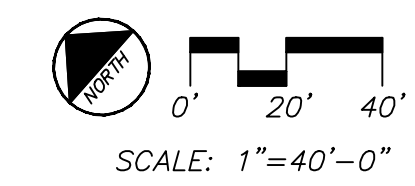


LANDSCAPE RENOVATION PLAN: GREEK VILLAGE PARKING LOT



LANDSCAPE RENOVATION PLAN: REC FIELDS



| PLANT LIST: REC FIELDS | | | | | | | |
|------------------------|---------------------------------|--------------------------|-------|---------|-----|-----------------|------|
| KEY | SHRUBS BOTANICAL NAME | COMMON NAME | SIZE | MINIMUM | | COMMENTS | QTY. |
| | | | | SPRD | HGT | | |
| SPIR F | SPIRAEA PRUNIFOLIA | GOLDFLAME SPIREA | 3 GAL | 12" | 14" | FULL PLANT A.S. | 39 |
| BUXUS | BUXUS MICROPHYLLA 'WINTERGREEN' | WINTERGREEN BOXWOOD | 3 GAL | 12" | 18" | FULL PLANT A.S. | 1 |
| ROSA K | ROSA 'RADTKO' PPF#16202 | DOUBLE KNOCKOUT ROSE | 3 GAL | 14" | 14" | FULL PLANT A.S. | 9 |
| MISC Z | MISCANTHUS SINENSIS 'ZEBRINUS' | ZEBRA GRASS | 3 GAL | 14" | 18" | PLANT A.S. | 12 |
| MULCH | | | | | | | |
| MULCH | 3" DOUBLE-HAMMERED PINE BARK | MULCH NEW PLANT MATERIAL | | | | | |

| PLANT LIST: POOL PATIO/BLOSSOM ST. & ASSEMBLY ST. | | | | | | | |
|---|---|---|-------|---------|-----|--|-----------|
| KEY | SHRUBS & GRASSES BOTANICAL NAME | COMMON NAME | SIZE | MINIMUM | | COMMENTS | QTY. |
| | | | | SPRD | HGT | | |
| ILEX C | ILEX CORNUTA 'CARISSA' | CARISSA HOLLY | 3 GAL | 14" | 14" | FULL PLANT A.S. | 96 |
| ROSA K | ROSA 'RADTKO' PPF#16202 | DOUBLE KNOCKOUT ROSE | 3 GAL | 14" | 14" | FULL PLANT A.S. | 10 |
| MISC | MISCANTHUS SINENSIS 'ORACILLIMUS' | MAIDEN GRASS | 3 GAL | 14" | 18" | PLANT A.S. | 13 |
| JUNP BP | JUNPERUS CONFERTA 'BLUE PACIFIC' | BLUE PACIFIC JUNPER | 3 GAL | 15" | 8" | FULL PLANT A.S. INFILL | 220 |
| YUCCA | YUCCA FILAMENTOSA | ADAMS NEEDLE YUCCA | 3 GAL | 12" | 16" | FULL OWNER WILL FLAG LOCATION | 11 |
| PERENNIALS & SOD | | | | | | | |
| KEY | BOTANICAL NAME | COMMON NAME | SIZE | MINIMUM | | COMMENTS | QTY. |
| | | | | SPRD | HGT | | |
| LANT | LANTANA CAMARA 'ANNE MARIE' | ANNE MARIE LANTANA | 1 GAL | 12" | 8" | FULL PLANT A.S. | 3 |
| RUDB G | RUDBECKIA FULGIDA 'GOLDSTRUM' | GOLDSTRUM BLACK-EYED SUSAN | 1 GAL | NA | NA | WELL ROOTED, PLANT 18" O.C. | 186 |
| TRANSPL | TRANSPLANT PERENNIALS | (PERENNIALS) | | | | | 36 |
| SOD | CYNODA DACTYLON 'TIFWAY 419' | TIFWAY 419 HYBRID BERMUDA | | | | *FIELD VERIFY SQUARE FOOTAGE | *7,150 SF |
| MULCH | | | | | | | |
| BLOSSOM ST: | 3" DOUBLE HAMMERED PINE BARK MULCH | MULCH NEW PLANT MATERIAL. (SEE SHEET L2 - LANDSCAPE RENOVATION PLAN: POOL PATIO & BLOSSOM STREET) | | | | | |
| ASSEMBLY ST: | 3" LONG LEAF PINE STRAW | MULCH BEDS/SLOPE (SEE SHEET L2 - LANDSCAPE RENOVATION PLAN: ASSEMBLY STREET) | | | | SECURE WITH LANDSCAPE STAPLES AT 3' O.C. | |
| ADDITIONAL WORK | | | | | | | |
| IRRG | REPAIR/EXTEND 500 LF EXISTING DRIP IRRIGATION | (SEE SHEET L2 - LANDSCAPE RENOVATION PLAN: ASSEMBLY STREET) | | | | | |
| BOULDERS | PLACE BOULDERS PROVIDED BY OWNER PER SKETCH | (SEE SHEET L2 - LANDSCAPE RENOVATION PLAN: POOL PATIO & BLOSSOM STREET AND DETAIL: BOULDER IMAGE) | | | | | |
| CONCRETE | 320 SF, 5' WIDE 4" CONCRETE WALK | (SEE SHEET L2 - LANDSCAPE RENOVATION PLAN: POOL PATIO & BLOSSOM STREET) | | | | | |

PROJECT TITLE: Landscape Renovations: Rec Fields WELLNESS/FITNESS CENTER

UNIVERSITY OF SOUTH CAROLINA

SHEET: L1

1 OF 1

SHEET IN SET: 1 OF 1

CP NUMBER: CP00337997

DATE: 10APR12

BUILDING: 157

REV: 1

DESCRIPTION: WELLNESS/FITNESS CENTER

DRAWN BY: TYR

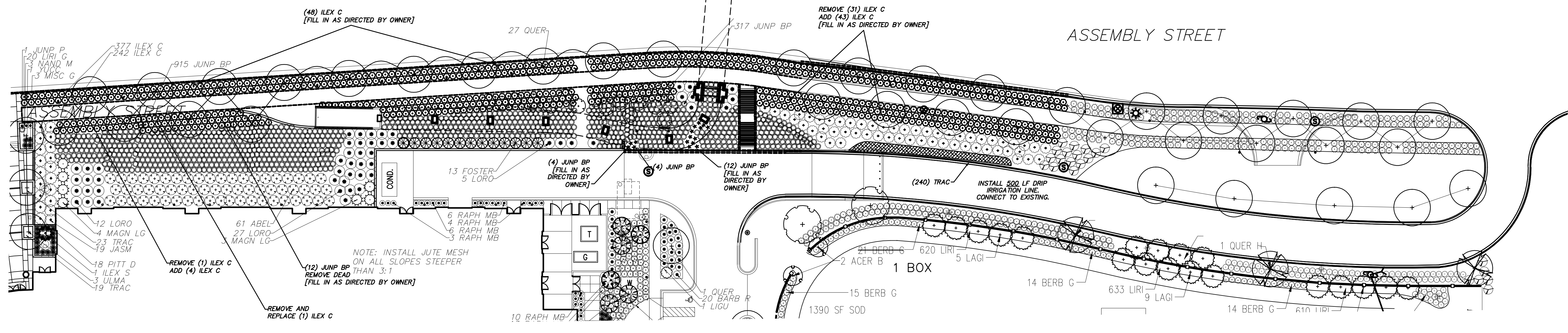
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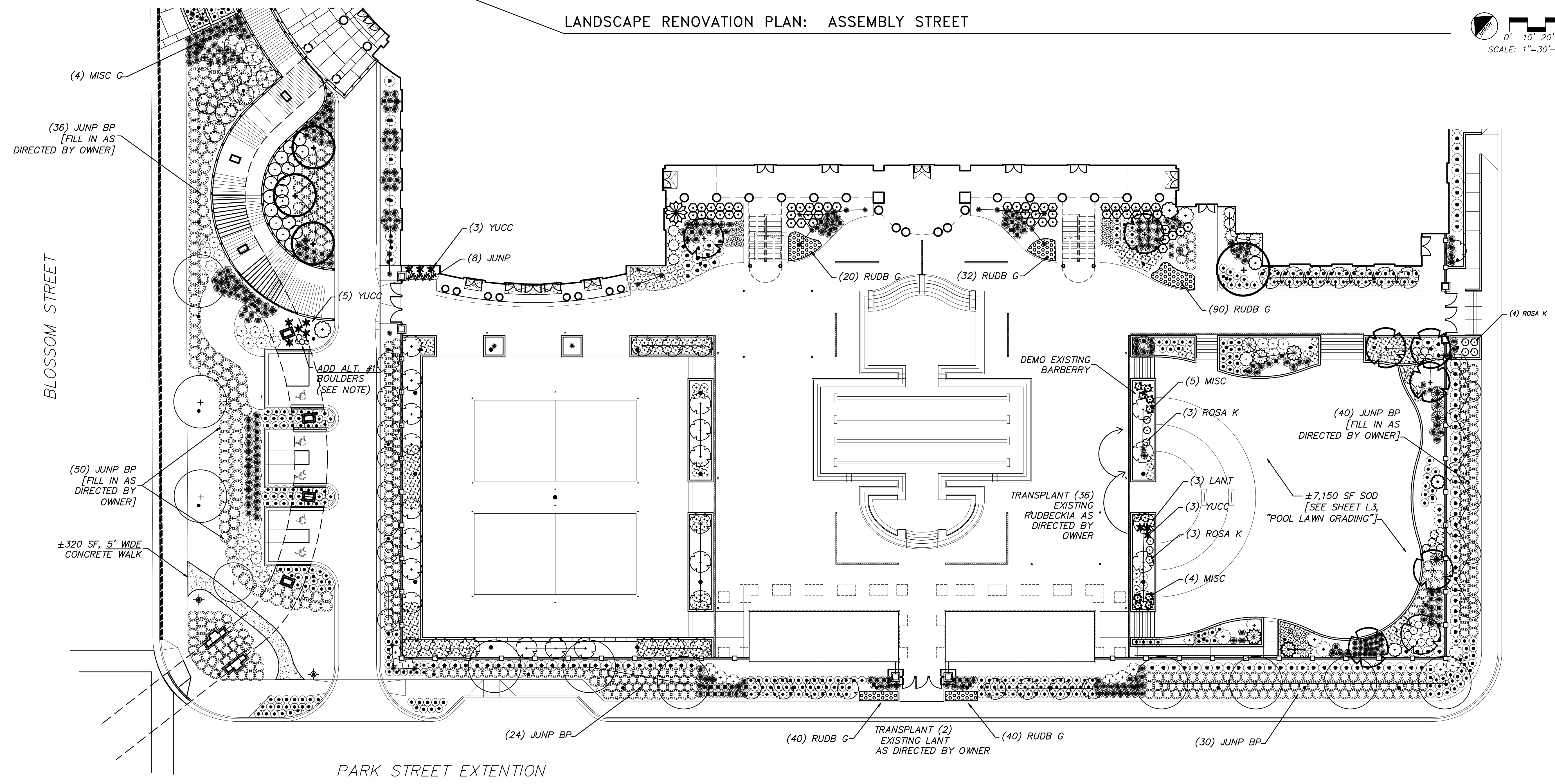
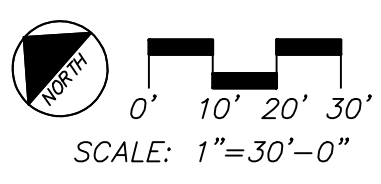
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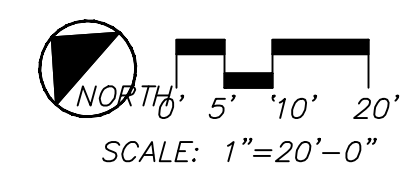
CAMPUS PLANNING AND CONSTRUCTION
COLUMBIA, SC 29208



LANDSCAPE RENOVATION PLAN: ASSEMBLY STREET



LANDSCAPE RENOVATION PLAN: POOL PATIO & BLOSSOM STREET

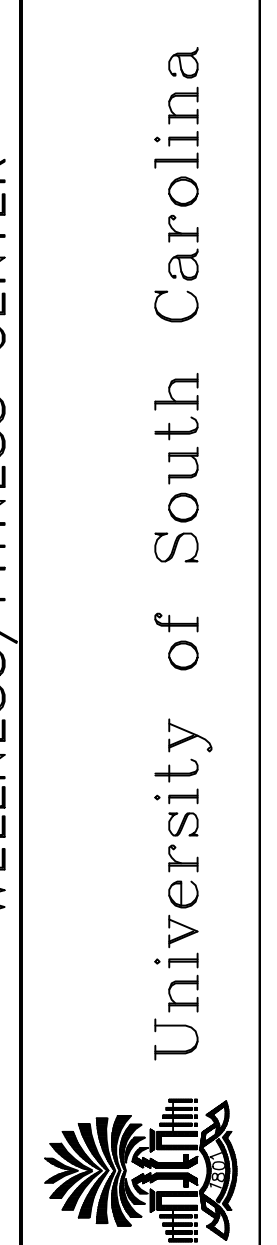


| CP NUMBER: | DATE: | DRAWN BY: | CHECKED BY: |
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| CP0033797 | 19APR12 | TKR | HBC |
| BUILDING: | REV. | DESCRIPTION | DATE |
| 157 | | | |

PROJECT TITLE:
Landscape Renovations
WELLNESS/FITNESS CENTER

SHEET:
L2

2 OF 2
SHEET IN SET:
2 OF 2





DETAIL: BOULDER INSTALLATION IMAGE

BOULDER INSTALLATION NOTES:

1. INTENT OF INSTALLATION IS TO DECREASE DAMAGE FROM WATER COMING THROUGH BRIDGE SCUPPER LOCATED DIRECTLY ABOVE AREA SHOWN BY PLACING BOULDERS SO THAT WATER FROM SCUPPER STRIKES BOULDERS FIRST AND IMPACT OF WATER IS DECREASED AND CONCENTRATION OF WATER DISPersed.
2. PHOTOGRAPHIC IMAGE REPRESENTS POSSIBLE SIZE, PLACEMENT AND QUANTITY OF BOULDERS NECESSARY TO MEET INTENT OF INSTALLATION. FINAL PLACEMENT, QUANTITY AND SIZE OF BOULDERS TO BE USED TO BE DETERMINED BY FIELD CONDITIONS AND CONSULTATION BETWEEN OWNER AND CONTRACTOR USING THE FOLLOWING GUIDELINES:
 - 2.1. WIDEST BOULDERS SHALL BE PLACED CLOSEST TO THE GROUND.
 - 2.2. BOULDERS AT BASE OF GROUPING SHALL BE SET SO THAT APPROXIMATELY $\frac{1}{3}$ OF BOULDER IS BELOW GRADE.

GENERAL LANDSCAPE NOTES:

A. DELIVERY, STORAGE AND HANDLING

1. SOD: TIME DELIVERY SO THAT SOD WILL BE PLACED WITHIN 24 HOURS AFTER STRIPPING. PROTECT SOD AGAINST DRYING AND BREAKING OF ROLLED STRIPS.
2. TREES, SHRUBS AND GROUND COVER: PROVIDE FRESHLY DUG TREES AND SHRUBS. DO NOT PRUNE PRIOR TO DELIVERY. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH MANNER AS TO DAMAGE BARK, BREAK BRANCHES OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING SHIPMENT.
3. DELIVER TREES, SHRUBS AND GROUND COVER AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, SET TREES, SHRUBS AND GROUND COVER IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST.

B. WARRANTY

1. WARRANTY FOR A PERIOD OF ONE YEAR, FOLLOWING THE DATE OF SUBSTANTIAL COMPLETION, ALL TREES, SHRUBS, GROUNDCOVERS, AND GRASS AGAINST ANY DEFECTS (INCLUDING: DEATH AND UNSATISFACTORY GROWTH) AS DETERMINED BY THE LANDSCAPE ARCHITECT. DEFECTS RESULTING FROM NEGLIGENCE BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENON OR INCIDENTS BEYOND THE CONTRACTOR'S CONTROL ARE EXCEPTED. SHOULD QUESTIONS ARISE CONCERNING THE RESPONSIBILITY OF REPLACEMENT, THE LANDSCAPE ARCHITECT WILL BE AVAILABLE FOR ARBITRATION PROVIDED THE OWNER AND CONTRACTOR MUTUALLY DESIRE.
2. REMOVE AND REPLACE ALL TREES, SHRUBS, GROUNDCOVERS AND LAWN, OR OTHER PLANTS FOUND TO BE DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD AS DETERMINED BY LANDSCAPE ARCHITECT OR OWNER. MAKE REPLACEMENTS WITHIN THIRTY (30) CALENDAR DAYS AFTER NOTIFICATION IS MADE.
3. REPLACEMENTS: MATCH ADJACENT SPECIMENS OF SAME SPECIES. REPLACEMENTS ARE SUBJECT TO ALL REQUIREMENTS STATED IN THE CONTRACT DOCUMENTS AND ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND/OR UPON DELIVERY AND/OR AFTER INSTALLATION

C. TOPSOIL

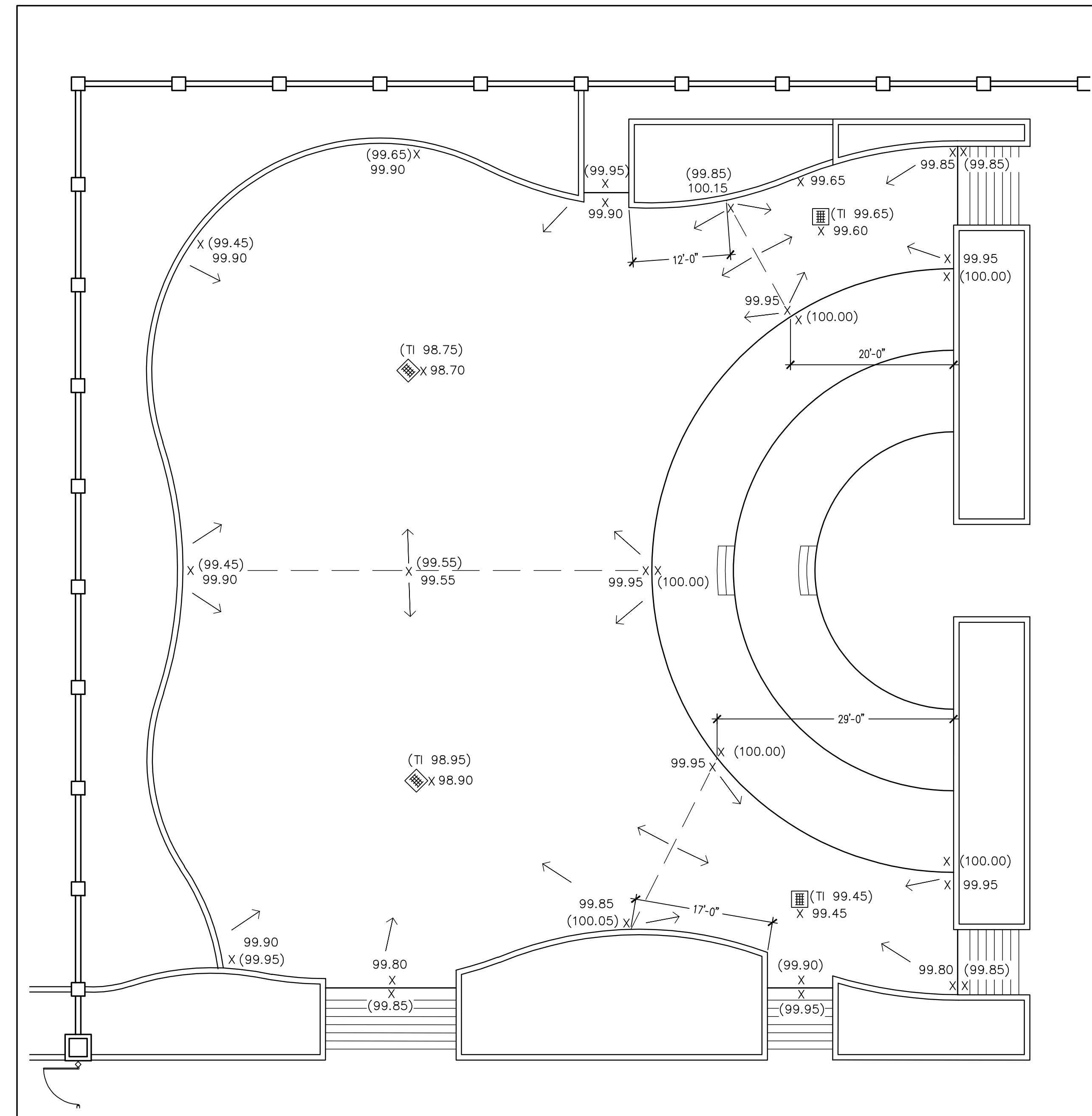
1. PROVIDE SAMPLE OF TOPSOIL TO BE APPROVED BY LANDSCAPE ARCHITECT.
2. PROVIDE NEW TOPSOIL WHICH IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIMENSION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.

D. SOD

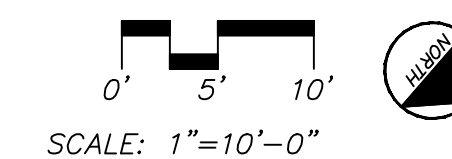
1. PROVIDE STRONGLY ROOTED SOD, NOT LESS THAN 2 YEARS OLD AND FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. ONLY PROVIDE SOD CAPABLE OF GROWTH AND DEVELOPMENT WHEN PLANTED (VIABLE, NOT DORMANT). PROVIDE MACHINE CUT SOD OF A UNIFORM MINIMUM SOIL THICKNESS OF 5/8 INCH, PLUS THICKNESS OF TOP GROWTH AND THATCH. SOD PIECES TO BE CONSISTENT IN SIZE AND SHAPE. ALL SOD MUST BE A TRUE CERTIFIED TURFGRASS.
2. DO NOT USE SOD BACKED WITH NETTING OR REMOVE NETTING BEFORE PLACING SOD.

E. PREPARATION FOR PLANTING LAWNS

1. GRADE LAWN AREAS TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORMLY FINE TEXTURE. ROLL AND RAKE, REMOVE RIDGES AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES. LIMIT FINE GRADING TO AREAS WHICH CAN BE PLANTED IMMEDIATELY AFTER GRADING.
2. FERTILIZE AND LIME PRIOR TO START OF GRASSING OPERATION. APPLY GROUND LIMESTONE AT THE RATE RECOMMENDED BY SOIL TEST ANALYSIS AND WORK INTO TOP SIX INCHES OF SOIL. APPLY FERTILIZER AT THE RECOMMENDED RATE; WORK INTO TOP TWO INCHES OF SOIL. THE FERTILIZER APPLICATION SHALL NOT PRECEDE THE PLACEMENT OF SOD BY MORE THAN THREE DAYS.
3. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.
4. RESTORE LAWN AREAS TO SPECIFIED CONDITION IF ERODED OR OTHERWISE DISTURBED AFTER FINE GRADING AND PRIOR TO PLANTING.
5. PREPARATION OF UNCHANGED GRADES: WHERE LAWNS ARE TO BE PLANTED IN AREAS THAT HAVE NOT BEEN ALTERED OR DISTURBED BY EXCAVATING, GRADING, OR STRIPPING OPERATIONS, PREPARE SOIL FOR LAWN PLANTING AS FOLLOWS: TILL TO A DEPTH OF NOT LESS THAN 6"; APPLY SOIL AMENDMENTS AND INITIAL FERTILIZERS AS SPECIFIED; REMOVE HIGH AREAS AND FILL IN DEPRESSIONS; TILL SOIL TO A HOMOGENOUS MIXTURE OF FINE TEXTURE, FREE OF LUMPS, CLOTS, STONES, ROOTS AND OTHER EXTRANEIOUS MATTER. PRIOR TO PREPARATION OF UNCHANGED AREAS, REMOVE EXISTING GRASS, VEGETATION AND TURF. DISPOSE OF SUCH MATERIAL OUTSIDE OF OWNER'S PROPERTY; DO NOT TURN OVER INTO SOIL BEING PREPARED FOR LAWNS.



DETAIL: POOL LAWN GRADING



F. INSTALLING SOD

1. WATER SOIL PRIOR TO RECEIVING SOD. AT THE TIME OF SOD PLACEMENT SOIL MUST BE MOIST BUT NOT SATURATED.
2. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING. IF NOT POSSIBLE, SOD MAY BE STORED ON SITE UP TO 36 HOURS AFTER STRIPPING PROVIDED SOD IS PROPERLY PROTECTED: UNSTACK, UNROLL AND PLACE IN SHADE AND KEEP MOIST UNTIL INSTALLATION.
3. DO NOT PLANT DORMANT SOD.
4. DO NOT PLANT SOD ON FROZEN GROUND.
5. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. SNUGLY FIT ENDS AND SIDES OF SOD STRIPS; DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK FROM BOARDS TO AVOID DAMAGE TO SUBGRADE OR SOD. TAMP OR ROLL LIGHTLY TO ENSURE CONTACT WITH SUBGRADE. WORK SIFTED SOIL INTO MINOR CRACKS BETWEEN PIECES OF SOD; REMOVE EXCESS TO AVOID SMOTHERING OF ADJACENT GRASS.
6. ANCHOR SOD WITH WOOD PEGS TO PREVENT SLIPPAGE ON SLOPES EQUAL TO OR GREATER THAN 3:1 AND WHEREVER EROSION CAN BE ANTICIPATED. LAY SOD PERPENDICULAR TO SLOPE DIRECTION, WITH STAGGERED JOINTS.
7. WATER SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING UNTIL SOIL IS DAMP TO A DEPTH OF 4".

| | |
|-----------------------|--|
| SEAL: | |
| CHECKED BY: HBC | |
| DATE: | |
| DRAWN BY: TKR | |
| DATE: | |
| DATE: 13APR12 | |
| DESCRIPTION: | |
| GF NUMBER: CP00337997 | |
| DATE: | |
| DESCRIPTION: | |
| BUILDING: 157 | |
| REV: | |

PROJECT TITLE: Landscape Renovations: Pool Lawn WELLNESS/FITNESS CENTER

CAMPUS PLANNING AND CONSTRUCTION
COLUMBIA, SC 29208

University of South Carolina



L3

3 OF 1

SHEET IN SET:

3 OF 3