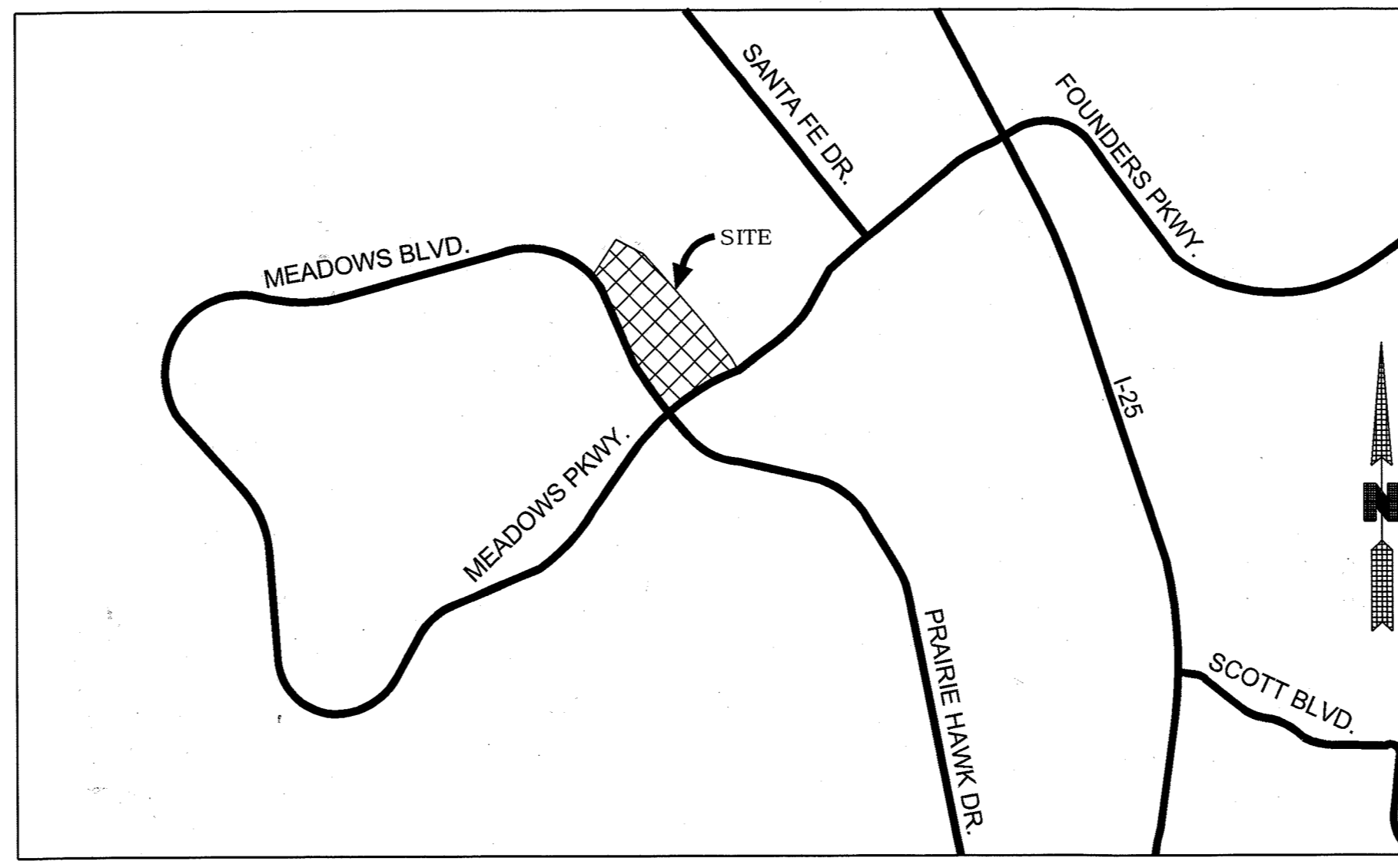


4th AMENDMENT TO THE FINAL PD SITE PLAN

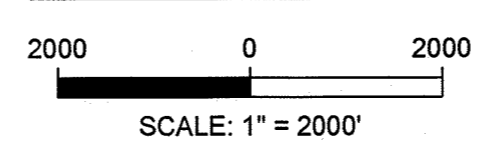
FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
 TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

TOWN OF CASTLE ROCK NOTES:

1. THE TOWN OF CASTLE ROCK REQUIRES THAT MAINTENANCE ACCESS BE PROVIDED TO ALL STORM DRAINAGE FACILITIES TO ASSURE CONTINUOUS OPERATIONAL CAPABILITY OF THE SYSTEM. THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL DRAINAGE FACILITIES INCLUDING, BUT NOT LIMITED TO, INLETS, PIPES, CULVERTS, CHANNELS, DITCHES, HYDRAULIC STRUCTURES, AND DETENTION BASINS LOCATED ON THIS PROPERTY UNLESS MODIFIED BY THE SUBDIVISION IMPROVEMENTS AGREEMENT. SHOULD THE OWNER FAIL TO ADEQUATELY MAINTAIN SAID FACILITIES, THE TOWN SHALL HAVE THE RIGHT TO ENTER SAID PROPERTY FOR THE PURPOSES OF OPERATION AND MAINTENANCE. ALL SUCH MAINTENANCE COSTS WILL BE ASSESSED TO THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS. THE MAINTENANCE COSTS SHALL INCLUDE ALL ACTUAL COSTS FOR LABOR, EQUIPMENT AND MATERIALS AND A 25% FEE.
2. PURSUANT TO SECTION 4.3E AND 8.2.3A OF THE TOWN OF CASTLE ROCK LANDSCAPE REGULATIONS, THE OWNER OF THE PROPERTY, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE AREA SUBJECT TO THE APPROVED FINAL PD SITE PLAN. LANDSCAPING WITHIN PUBLIC RIGHTS-OF-WAY IS TO BE MAINTAINED BY THE ADJACENT PRIVATE PROPERTY OWNER OR THE HOMEOWNER/PROPERTY OWNER ASSOCIATION, IF APPLICABLE. LANDSCAPING SHALL BE CONTINUOUSLY MAINTAINED INCLUDING NECESSARY WATERING, WEEDING, PRUNING, MOWING, PEST CONTROL, AND REPLACEMENT OF DEAD OR DISEASED PLANT MATERIAL. UPON WRITTEN NOTICE BY THE TOWN, THE OWNER WILL HAVE 45 DAYS TO CURE OR REPLACE DAMAGED OR DEAD LANDSCAPE MATERIAL. IN THE CASE OF DISEASED LANDSCAPE MATERIAL, A SHORTER COMPLIANCE PERIOD MAY BE SPECIFIED IN SAID NOTICE. THE TOWN OF CASTLE ROCK WATER CONSERVATION ORDINANCE REGULATES TIMES OF SEASONAL IRRIGATION AND PROHIBITS THE WASTING OF POTABLE WATER THROUGH IMPROPER IRRIGATION.
3. THE LANDSCAPE AND IRRIGATION PLANS CONTAINED IN THE SITE DEVELOPMENT PLAN ARE CONCEPTUAL ONLY AND SUBJECT TO CHANGE WITH REVIEW OF THE CONSTRUCTION DOCUMENTS.
4. ACCORDING TO FIRM MAP NUMBER 08035C0169F, THE SITE LIES IN ZONE X, OUTSIDE THE 100-YEAR FLOOD PLAIN.
5. ANY STREET SIGNS, STRIPING, STREET LIGHTS AND CURB RAMPS ARE CONCEPTUAL ONLY AND SUBJECT TO TOWN REVIEW WITH THE CONSTRUCTION DOCUMENTS. THESE ITEMS SHALL COMPLY WITH THE TOWN OF CASTLE ROCK'S REGULATIONS, STANDARDS AND REQUIREMENTS.
6. THE DEVELOPER SHALL CONFORM TO THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PROGRAM IMPLEMENTATION POLICY, AS AMENDED FROM TIME TO TIME, FOR THIS PROJECT.
7. APPROVAL OF THE CONCEPTUAL SITE DEVELOPMENT PLAN DOES NOT CONSTITUTE APPROVAL OF ANY DEVIATIONS FROM TOWN OF CASTLE ROCK REGULATIONS AND STANDARDS. ALL DEVIATIONS FROM TOWN REGULATIONS AND STANDARDS ARE SUBJECT TO THE APPROPRIATE PROCEDURES FOR APPROVAL.
8. NO SOLID OBJECT (EXCLUDING FIRE HYDRANTS, TRAFFIC CONTROL DEVICES AND TRAFFIC SIGNS) EXCEEDING THIRTY (30) INCHES IN HEIGHT ABOVE THE FLOWLINE ELEVATIONS OF THE ADJACENT STREET, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITY CABINETS, WALLS, FENCES, LANDSCAPE PLANTINGS, CROPS, CUT SLOPES, AND BERMS SHALL BE PLACED WITHIN SIGHT DISTANCE LINES AND SIGHT DISTANCE EASEMENTS.
9. CASTLE ROCK ADVENTIST HOSPITAL WILL BE RESPONSIBLE FOR THE MAINTENANCE OF THE AREA SHOWN ON THE SITE DEVELOPMENT PLAN.
10. THIS SITE IS ZONED C-O-I.
11. UNLESS OTHERWISE NOTED, ALL LOTS SHALL HAVE A 10-FOOT UTILITY EASEMENT ALONG THE FRONT AND REAR LOT LINES AND ALONG ALL PUBLIC RIGHTS-OF-WAY AND SHALL HAVE 5-FOOT UTILITY EASEMENTS ALONG EACH SIDE LOT LINE. THESE UTILITY EASEMENTS ARE FOR THE INSTALLATION, MAINTENANCE AND OPERATION OF UTILITIES AND DRAINAGE FACILITIES INCLUDING, BUT NOT LIMITED TO, ELECTRIC LINES, GAS LINES, CABLE TELEVISION LINES, FIBER OPTIC LINES AND TELEPHONE LINES, AS WELL AS PERPETUAL RIGHT FOR INGRESS AND EGRESS FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF SUCH LINES.
12. A SIGN PERMIT FOR EACH SIGN MUST BE OBTAINED FROM THE TOWN OF CASTLE ROCK BUILDING DIVISION PRIOR TO PLACING ANY SIGN ON THE PROPERTY. ALL SIGNS MUST COMPLY WITH THE PROVISIONS OF TITLE 19 (SIGN CODE REGULATIONS) OF THE MUNICIPAL CODE.



VICINITY MAP



LEGAL DESCRIPTION:

LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1, TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

LAND USE SUMMARY:

	FPD 10-0002	FPD 11-0003	FPD 12-0002	FPD 10-0005	FPD 10-0005	TOTALS
1. MAXIMUM GROSS FLOOR AREA:	PHASE IA 22,854 SQ.FT.	PHASE IIA 210,339 SQ.FT.	PHASE IIB 61,800 SQ.FT.	PHASE IB (LOT 3) 61,800 SQ.FT.	PHASE IB (LOT 4) -	294,993 SQ.FT.
GROSS LEASABLE AREA (@95% OF GFA):	21,711 SQ.FT.	199,822 SQ.FT.	57,000 SQ.FT.	57,000 SQ.FT.	-	278,533 SQ.FT.
BUILDING FOOTPRINT:	22,979 SQ.FT.	83,166 SQ.FT.	20,708 SQ.FT.	20,688 SQ.FT.	-	106,853 SQ.FT.
2. REQUIRED PARKING:						
TOCR REQ'T #1: (1 SPACE/ 2 BEDS)	0	55	-	-	-	56
TOCR REQ'T #2: (1 SPACE/ 5 OUTPAT.)	15	44	-	-	-	59
TOCR REQ'T #3: (1 SPACE/EMPLOY MAX)	20	250	-	-	-	270
TOCR REQ'T #4: (5 SPACE/1,000 SF LEASABLE AREA)	-	-	285 (8 HC)	285 (8 HC)	-	570
PARKING SPACES REQUIRED:	35	309	285	285	-	914
PARKING SPACES PROVIDED:	68 (17 HC)	308 (12 HC)	309 (11 HC)	188 (9 HC)	41	914 (49 HC)
3. PROPOSED BUILDING HEIGHT:	35'-4"	89'-8 1/2"	52'	55'	N/A	N/A
4. SITE UTILIZATION:						
BUILDING:	22,979 SQ.FT. (8.8%)	61,166 SQ.FT. (11.1%)	20,708 SQ.FT. (13.2%)	20,688 SQ.FT. (16.4%)	0 SQ.FT. (0.0%)	125,541 SQ.FT. (10.7%)
DRIVE:	81,414 SQ.FT. (31.3%)	121,319 SQ.FT. (22.0%)	0 SQ.FT. (0.0%)	0 SQ.FT. (0.0%)	0 SQ.FT. (0.0%)	202,733 SQ.FT. (17.2%)
PAVEMENT/PARKING:	11,573 SQ.FT. (4.4%)	195,893 SQ.FT. (35.5%)	105,690 SQ.FT. (67.3%)	65,746 SQ.FT. (52.0%)	20,777 SQ.FT. (25.0%)	399,679 SQ.FT. (33.9%)
HARDSCAPE (TOTAL):	9,348 SQ.FT. (3.8%)	20,100 SQ.FT. (3.8%)	14,147 SQ.FT. (9.0%)	5,743 SQ.FT. (4.5%)	828 SQ.FT. (1.0%)	50,166 SQ.FT. (4.3%)
LANDSCAPE (TOTAL):	135,087 SQ.FT. (51.9%)	152,788 SQ.FT. (27.7%)	16,432 SQ.FT. (10.5%)	4,143 SQ.FT. (27.0%)	61,597 SQ.FT. (74.0%)	400,047 SQ.FT. (34.0%)
TOTAL:	260,401 SQ.FT. (100%)	551,266 SQ.FT. (100%)	156,977 SQ.FT. (100%)	126,320 SQ.FT. (100%)	83,202 SQ.FT. (100%)	1,178,166 SQ.FT. FLOOR AREA RATIO: 0.250
5. SINGLE FAMILY EQUIVALENTS:	2" DOMESTIC TAP*: 0 SFE'S 2" IRRIGATION TAP**: 0 SFE'S TOTAL: 0 SFE'S	(2) 4" DOMESTIC TAPS***: 36 SFE'S 3" IRRIGATION TAP: 18 SFE'S TOTAL: 54 SFE'S	2" DOMESTIC TAP: 6.67 SFE'S 1" IRRIGATION TAP: 1.67 SFE'S TOTAL: 8.34 SFE'S	2" DOMESTIC TAP: 6.67 SFE 3/4" IRRIGATION TAP: 1 SFE TOTAL: 7.67 SFE	- - -	49.34 SFE 20.67 SFE 70.01 SFE
6. ZONING AND PERMITTED USES:	PER MEADOWS 4TH AMEND C-O-I ZONE DISTRICT, HEALTHCARE FACILITIES AND/OR OFFICES					

SHEET INDEX	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SITE PLAN
3	GRADING PLAN
4	UTILITY PLAN
5	LANDSCAPE NOTES
6	OVERALL LANDSCAPE & MATERIALS PLAN
7	NATURE PLAY AREA
8	TREE PLANTING
9	PLANTING
10	PLANTING
11	ELECTRICAL PLAN
12	ELECTRICAL NOTES & SCHEDULE
13	ELECTRICAL DETAILS & SCHEDULE

BENCHMARK:
 NGS BENCH MARK K 23 (PID KK0203), ELEVATION = 5984.83 (NAVD 1988).

BASIS OF BEARING:
 BEARINGS ARE BASED ON THE NORTHERLY LINE OF THE NORTHWEST QUARTER OF SECTION 34, TOWNSHIP 7 SOUTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO AS BEING NORTH 89°27'29" WEST A DISTANCE OF 2657.45 FEET:
 -THE WEST QUARTER CORNER BEING A FOUND 2 1/2" BRASS CAP IN CONCRETE MARKED WITH PLS NO. 7361
 -THE EAST QUARTER CORNER BEING A FOUND 2 1/2" BRASS CAP IN CONCRETE MARKED WITH PLS NO. 6935

* TO BE REMOVED WHEN 4" TAPS INSTALLED.
 ** TO BE REMOVED WHEN 3" TAP INSTALLED
 *** THESE ARE TWO REDUNDANT 4" TAPS AND SHALL ONLY EQUATE TO ONE 4" TAP OR 36 SFE'S.

CONTACTS:

- | | | | | | | |
|---|---|--|--|--|---|---|
| <p>OWNER/DEVELOPER
 JEREMY PITTMAN
 CHIEF FINANCIAL OFFICER
 CASTLE ROCK ADVENTIST HOSPITAL
 2350 MEADOWS BOULEVARD
 CASTLE ROCK, CO 80109</p> | <p>LANDSCAPE ARCHITECT
 OUELLETTE & ASSOCIATES, INC.
 605 ITHACA DRIVE
 BOULDER, CO 80305
 PHONE: 303.245.4255
 CONTACT: JON C. OUELLETTE, RLA</p> | <p>CIVIL ENGINEER
 S.A. MIRO INC.
 4582 SOUTH ULSTER STREET
 PKWY.
 SUITE 750
 DENVER, CO 80237
 PHONE: 303.741.3737
 CONTACT: JASON CARR, P.E.</p> | <p>IRRIGATION CONSULTANT
 HYDROSYSTEMS-KDI
 860 TABOR STREET
 SUITE 200
 LAKEWOOD, CO 80401
 PHONE: 303.694.4755
 CONTACT: JILL BERSANO</p> | <p>ELECTRICAL ENGINEER
 WSP + CCRD
 5613 DTC PARKWAY
 SUITE 500
 GREENWOOD VILLAGE, CO 80227
 PHONE: 303.694.4755
 CONTACT: MARK A. MONTGOMERY, P.E., SENIOR VICE PRESIDENT</p> | <p>CONTRACTOR
 CATAMOUNT CONSTRUCTORS
 1527 COLE BLVD.
 SUITE 100
 LAKEWOOD, CO 80401
 PHONE: 303.679.4357
 CONTACT: SHAWN MC DANAL
 PROJECT MANAGER</p> | <p>SURVEYOR
 CLARK LAND SURVEYING, INC.
 119 N WAHSATCH AVENUE
 COLORADO SPRINGS, CO 80903
 719.633.8533 PHONE
 719.633.8822 FAX</p> |
|---|---|--|--|--|---|---|

OWNERSHIP CERTIFICATION:

THE UNDERSIGNED ARE ALL OF THE OWNERS OF CERTAIN LANDS IN THE TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS AND STATE OF COLORADO DESCRIBED HEREIN.

Eric Schweitzer
 PORTERCARE ADVENTIST HEALTH SYSTEM
 A COLORADO NON-PROFIT CORPORATION

SIGNED THIS 12th DAY OF January, 2018

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12th DAY OF January, 2018, BY *Eric Schweitzer* AS *Facilities Dir.* OF PORTERCARE ADVENTIST HEALTH SYSTEM.

WITNESS MY HAND AND OFFICIAL SEAL

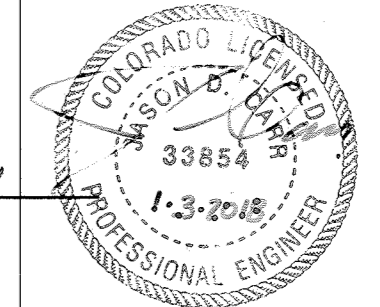
Margaret Chase
 NOTARY PUBLIC



MY COMMISSION EXPIRES 03-03-2021

CIVIL ENGINEER CERTIFICATION:

I, JASON D. CARR, BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF COLORADO, DO HEREBY ATTEST THAT ALL GRADING, UTILITY AND DRAINAGE IMPROVEMENTS IDENTIFIED ON THIS FINAL PD SITE PLAN AMENDMENT HAVE BEEN DESIGNED AND ENGINEERED IN CONFORMANCE WITH ALL TOWN OF CASTLE ROCK PUBLIC WORKS CONSTRUCTION STANDARDS.



JASON D. CARR
 CO# 33854

DATE 1

TOWN CERTIFICATION:

THIS FINAL PD SITE PLAN AMENDMENT WAS APPROVED BY THE TOWN OF CASTLE ROCK, COLORADO, ON THE 10th DAY OF Jan 2018

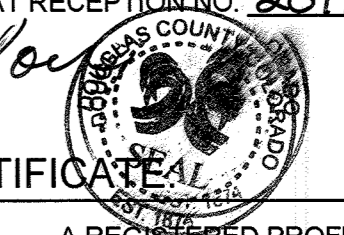
POLO
 DIRECTOR OF DEVELOPMENT SERVICES

Vicki
 DATE

DOUGLAS COUNTY CLERK AND RECORDER'S CERTIFICATE:

THIS FINAL PD SITE PLAN AMENDMENT WAS FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK AND RECORDER OF DOUGLAS COUNTY AT 10:36 AM ON THE 23 DAY OF Jan 2018 AT RECEPTION NO. 2018004650

BY: *Tulayne*
 DEPUTY



SURVEYOR'S CERTIFICATE:

I, *Tulayne*, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE SURVEY AND LEGAL DESCRIPTION REPRESENTED BY THIS FINAL PD SITE PLAN AMENDMENT WAS MADE UNDER MY SUPERVISION AND THE MONUMENTS SHOWN THEREON ACTUALLY EXIST AND THIS FINAL PD SITE PLAN AMENDMENT ACCURATELY REPRESENTS THAT SURVEY.

CERTIFICATE NOT APPLICABLE

IAN CORTEZ
 COLORADO PROFESSIONAL LAND SURVEYOR NO. 32822



S.A. MIRO, INC.
 CONSULTING ENGINEERS
 4582 South Ulster Street Pkwy.
 Suite 750 Denver, CO 80237
 ph. 303 741 3737
 fax 303 694 3134

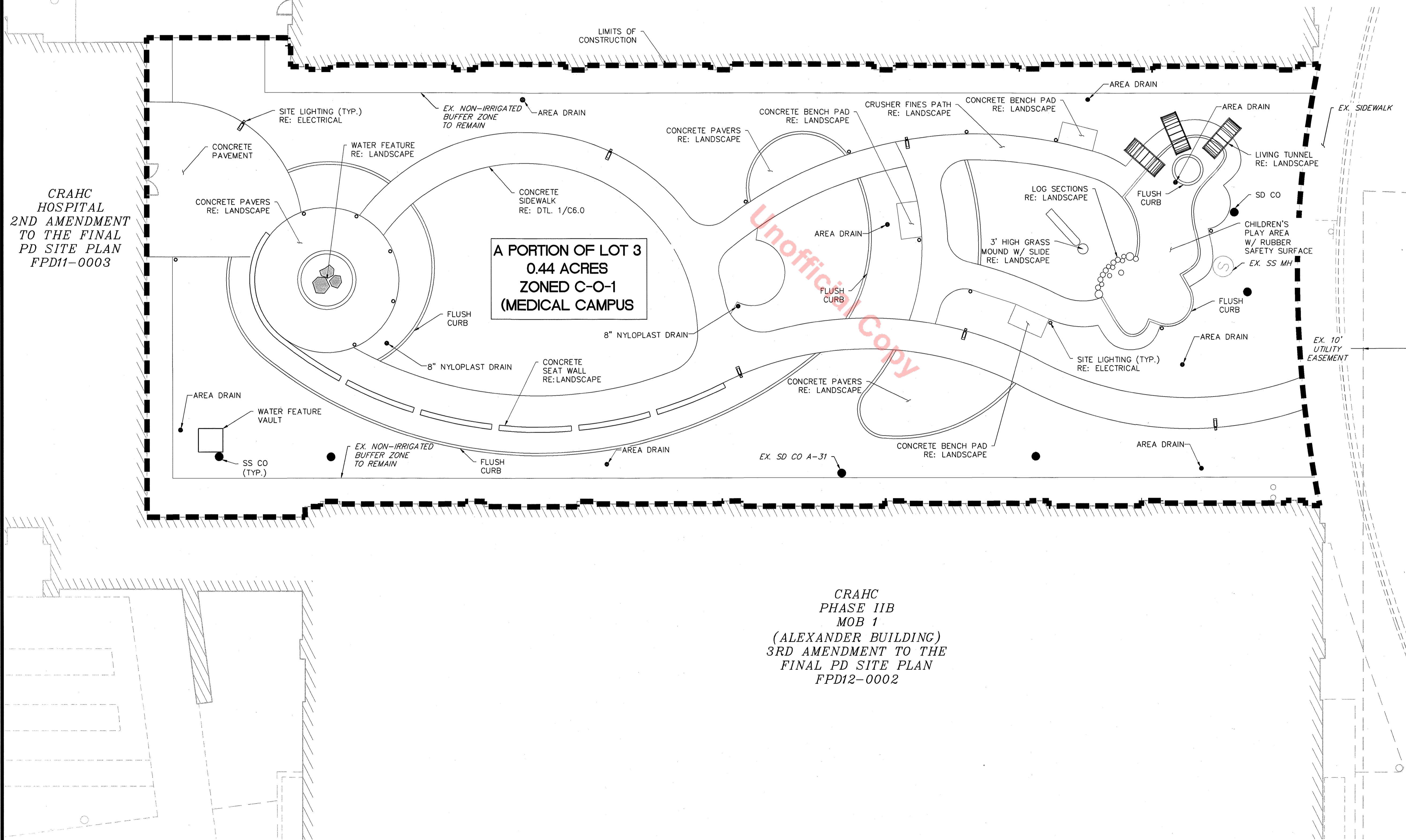
LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1
 4TH AMENDMENT TO THE FINAL PD SITE PLAN
 SDP17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

LOT 3
39.954 ACRES
ZONED C-O-1
(MEDICAL CAMPUS)

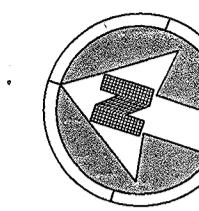
CRAHC
PHASE 1B
MOB 2
(BRISCOE BUILDING)
1ST AMENDMENT TO THE
FINAL PD SITE PLAN
FPD10-0005



CRAHC
HOSPITAL
2ND AMENDMENT
TO THE FINAL
PD SITE PLAN
FPD11-0003

A PORTION OF LOT 3
0.44 ACRES
ZONED C-O-1
(MEDICAL CAMPUS)

CRAHC
PHASE 11B
MOB 1
(ALEXANDER BUILDING)
3RD AMENDMENT TO THE
FINAL PD SITE PLAN
FPD12-0002



10 0 10
SCALE: 1" = 10'

LEGEND:

- EXISTING CURB AND GUTTER
- EXISTING SIDEWALK
- EXISTING SIGN
- EXISTING LIGHT
- EXISTING EASEMENT
- LIMITS OF CONSTRUCTION
- PROPOSED SIDEWALK
- PROPOSED CRUSHER FINES PATH
- PROPOSED SEAT WALL
- PROPOSED FLUSH CURB
- PROPOSED LIGHT
- PROPOSED CLEANOUT
- PROPOSED STORM INLET

NOTES:

1. SEE LANDSCAPE PLANS FOR MATERIAL DESIGNATIONS AND SITE DETAILS.
 2. SEE ELECTRICAL PLANS FOR LIGHTING INFORMATION AND DETAILS.
- CRAHC = CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB = MEDICAL OFFICE BUILDING

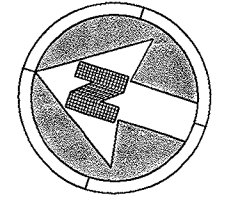


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LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
SDP17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



10 0 10
SCALE: 1" = 10'

LOT 3
39.954 ACRES
ZONED C-O-1
(MEDICAL CAMPUS)

CRAHC
PHASE 1B
MOB 2
(BRISCOE BUILDING)
FFE=6134.00

LEGEND:

- 5343 --- EXISTING MINOR CONTOURS
- 5345 --- EXISTING MAJOR CONTOURS
- 43.50 EXISTING SPOT ELEVATION
- - - EX SD - - - EXISTING STORM LINE
- EXISTING CLEANOUT
- 5343 PROPOSED MINOR CONTOURS
- 5345 PROPOSED MAJOR CONTOURS
- 43.50 PROPOSED SPOT ELEVATION
- RL — PROPOSED RIDGELINE
- - - PROPOSED DRAINAGE SWALE
- PROPOSED STORM INLET
- PROPOSED STORM CLEANOUT

NOTES:

1. LANDSCAPED AREAS: 3:1 MAXIMUM SLOPE PER TOWN STANDARDS.

CRAHC
HOSPITAL
FFE=6134.00

Unofficial Copy

CRAHC
PHASE 1IB
MOB 1
(ALEXANDER BUILDING)
FFE=6134.00

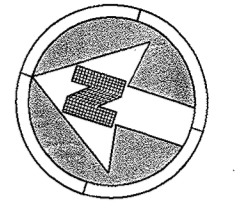


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LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
SDP17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



10 0 10
SCALE: 1" = 10'

LEGEND:

- EX SS --- EXISTING SANITARY LINE
- EX SD --- EXISTING STORM LINE
- EX EASEMENT --- EXISTING EASEMENT
- EXISTING STORM INLET
- EXISTING CLEANOUT
- ⊙ EXISTING MANHOLES
- SS — PROPOSED SANITARY LINE
- SD — PROPOSED STORM LINE
- PROPOSED STORM INLET
- PROPOSED CLEANOUT
- ⊙ PROPOSED MANHOLES
- ⊗ PROPOSED UTILITY CROSSING

NOTES:

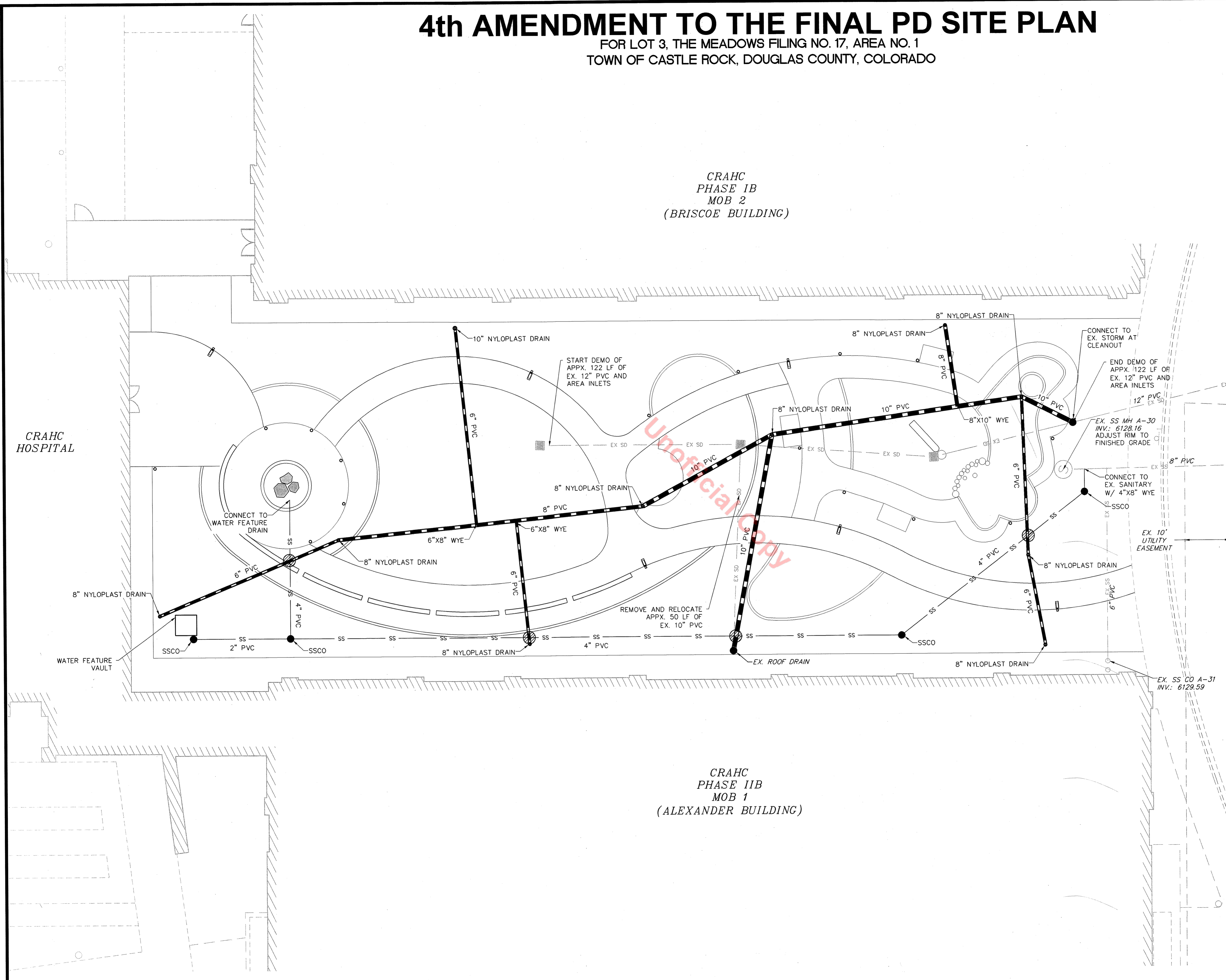
1. ALL SANITARY SEWER IMPROVEMENTS ARE PRIVATE.

CRAHC
PHASE 1B
MOB 2
(BRISCOE BUILDING)

Unofficial Copy

CRAHC
PHASE 11B
MOB 1
(ALEXANDER BUILDING)

CRAHC
HOSPITAL



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LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
SDP17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONCURRENT WORK BY OTHER TRADES. PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES. IRRIGATION AND ELECTRICAL SLEEVES AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE CONSTRUCTED PRIOR TO PAVING AND LANDSCAPE WORK.
- EXISTING BUILDINGS, GRADING, EASEMENTS AND UTILITIES ARE BASED ON SURVEY INFORMATION PROVIDED BY THE CIVIL ENGINEER AND/OR SURVEYOR.
- VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT OF DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING WORK.
- THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR EXISTING GAS MAINS AND ELECTRICAL LINES. CONTRACTOR IS TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, ABOVE AND BELOW GRADE, PRIOR TO EXCAVATION OR TRENCHING. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS. DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- LAYOUT OF ALL SITE FURNISHINGS, INCLUDING BENCHES, TRASH RECEPTACLES, AND BICYCLE RACKS IS TO BE LAID OUT IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. WHERE CONCRETE FOOTINGS ARE REQUIRED FOR FURNITURE, THEY ARE TO BE STAKED AND VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLING ADJACENT PAVEMENT OR FINISHES.
- A SYSTEM OF DIAGRAMMATIC SYMBOLS AND NOTATIONS IS USED IN THESE DRAWINGS. REVIEW NOTATION CAREFULLY AND NOTIFY LANDSCAPE ARCHITECT AND REQUEST CLARIFICATION OF ANY UNCLEAR NOTATION OR DISCREPANCY PRIOR TO COMMENCING WORK.
- ALL SYMBOLS ARE SHOWN DIAGRAMMATICALLY, ILLUSTRATING APPROXIMATE LOCATION OF EXISTING AND PROPOSED MATERIALS. ANY DISCREPANCIES OR CONFLICTS BETWEEN EXISTING AND PROPOSED CONDITIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.
- LIMIT OF WORK LINE FOR CONSTRUCTION IS SHOWN DIAGRAMMATICALLY AND OCCURS AT BACK OF CURB, EDGE OF ROAD, FACE OF BUILDING WALL OR PROPERTY LINE EXCEPT WHERE OTHERWISE NOTED. WHERE LIMIT OF WORK IS SHOWN IN LANDSCAPE AREAS, LIMIT DISTURBANCE TO UNDISTURBED AREAS AND REINSTATE LANDSCAPE AS SHOWN ON PLANS.
- ALL LAYOUT DIMENSIONS ARE TO BACK OF CURB, (BOC), FACE OF WALL, (FOW) OR FACE OF BUILDING (FOB) UNLESS OTHERWISE NOTED.
- ALL LAYOUT DIMENSIONS ARE FROM PLAN VIEW CALCULATIONS. ACTUAL FIELD DIMENSIONS MAY VARY FROM PLAN DUE TO ACTUAL LENGTHS ALONG A SLOPED SURFACE; FIELD VERIFY LOCATIONS AND DIMENSIONS AS NEEDED ON SITE.
- PRIOR TO FABRICATION OF ON SITE STRUCTURES AND COMPONENTS INCLUDING HANDRAILS, SAFETY RAILS, FENCING, ETC., THE CONTRACTOR IS RESPONSIBLE TO SITE VERIFYING AS BUILT CONDITIONS AND DIMENSIONS THAT MAY IMPACT THE FABRICATED COMPONENT.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- DIMENSIONS MARKED "VERIFY" ARE TO BE FIELD MEASURED. ANY FIELD DISCREPANCIES FROM THE NOTED DIMENSIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO FURTHER WORK.
- SPECIAL CONSIDERATION HAS BEEN GIVEN TO THE DESIGN AND INTENDED RELATIONSHIP BETWEEN LANDSCAPE MATERIALS, FINISHES AND LAYOUT IN RELATIONSHIP TO THE ARCHITECTURE AND/OR STREET, CURB & GUTTER AND SIDEWALK SYSTEMS. PAVEMENT JOINTING, FINISHES, COLOR AND GRADES HAVE BEEN STRICTLY COORDINATED. CONSTRUCTION OF THESE SYSTEMS SHALL ALSO BE STRICTLY COORDINATED.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION PERTAINING TO THE PROJECT MATERIALS, PROCEDURES AND INSTALLATION. WORK INSTALLED NOT IN COMPLIANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL SUCH IMPROVEMENTS AND STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE LANDSCAPE ARCHITECT AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS TO VERIFY ALL QUANTITIES. IN CASE OF ANY DISCREPANCIES, GRAPHICALLY SHOWN MATERIAL QUANTITIES SHALL TAKE PRECEDENCE.
- ARCHITECTURAL ELEMENTS ARE SHOWN ON LANDSCAPE PLANS FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL ARCHITECTURAL INFORMATION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- COORDINATE PROPOSED PAVEMENT AREAS, WALKS AND RAMPS WITH EXISTING CONDITIONS INCLUDING PUBLIC SIDEWALKS. COORDINATE PROPOSED PAVEMENT AREAS WITH CIVIL ENGINEERING DRAWINGS AND SPECIFICATIONS. STAKE PROPOSED PAVEMENT AREAS AND ELEMENTS WITHIN PAVEMENT AREAS AND REVIEW IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO FORMING.
- NOTHING IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE LANDSCAPE ARCHITECT AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR FOR SAFETY PRECAUTIONS OR PROBLEMS UTILIZED IN CONNECTION WITH THE WORK, AND HE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

PLANTING NOTES

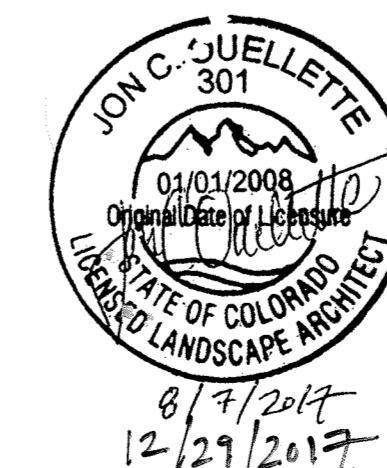
- FIELD STAKE ALL TREE LOCATIONS BASED UPON THESE DRAWINGS & DETAILS. OBTAIN LANDSCAPE ARCHITECT'S APPROVAL OF STAKED LOCATIONS PRIOR TO PLANTING.
- PROVIDE MATCHING SIZES AND FORMS FOR EACH TREE TO BE INSTALLED. THIS APPLIES TO ALL TREES THAT ARE REPLACED DURING OR AFTER THE DEFECTS LIABILITY PERIOD.
- PLANT MATERIAL TO BE HEALTHY SPECIMENS, FREE FROM DISEASE OR DAMAGE.
- ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN STANDARDS FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL ROOT WRAPPING MADE OF SYNTHETIC OR PLASTIC MATERIAL SHALL BE REMOVED AT TIME OF PLANTING.
- ALL PLANT MATERIAL SHALL BE INSPECTED AND TAGGED AT THE NURSERIES BY THE PROJECT LANDSCAPE ARCHITECT. PLANT MATERIAL IS SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT BEFORE INSTALLATION.
- TREE SUBSTITUTIONS ARE PERMITTED PRIOR TO START OF LANDSCAPE CONSTRUCTION ONLY.
- ALL PLANT AND STAKES SHALL BE SET PLUMB UNLESS OTHERWISE NOTED.
- REFER TO THE CONTRACT SPECIFICATION SECTIONS 329200 & 329300 FOR ADDITIONAL PLANTING REQUIREMENTS.
- PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY AND SHALL BE VERIFIED BY CONTRACTOR BY REVIEWING PLANTING PLAN SYMBOLS AND PLANT SPACING.
- ALL DECIDUOUS TREES SHALL BE WRAPPED PRIOR TO NOVEMBER 15. REFER TO SPECIFICATIONS FOR WRAP TYPE AND TIMING.
- IRRIGATION VALVE BOX LOCATIONS, PLANT AND EDGING LAYOUT SHALL TAKE PRECEDENCE OVER IRRIGATION EQUIPMENT LOCATIONS. INSTALLED VALVE BOXES WHICH CONFLICT WITH ACCEPTED PLANT AND EDGING LAYOUT SHALL BE MOVED TO A LOCATION BETWEEN PLANTS AS DIRECTED BY LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO OWNER. VALVE BOX LOCATIONS ARE TO ALIGN SQUARE WITH ADJACENT EDGING, PAVEMENTS AND OTHER LANDSCAPE ELEMENTS. LANDSCAPE ARCHITECT RECOMMENDS REVIEW OF VALVE BOX LOCATIONS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANT MATERIALS INCLUDING SOD AND/OR SEED AREAS IN A HEALTHY STATE DURING CONSTRUCTION. ANY DAMAGE TO PLANT MATERIAL DUE TO NEGLIGENCE BY THE CONTRACTOR, SUB CONTRACTORS AND SUPPLIERS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- PROJECT INCLUDES EXTENSIVE IRRIGATION AND UTILITY SYSTEMS, MANY OF WHICH ARE CLOSE TO THE FINISHED SURFACE. VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO PLANTING. ANY CONFLICTS SHALL BE RESOLVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
- ALL SHRUB AREAS ARE TO BE PREPARED AS CONTINUOUS BEDS. ALIGN A& SPACE PLANT NUMBERS EVENLY IN SPACE PROVIDED; GAPS IN PLANTING INDICATE SPACING IS UNEVEN OR PLANTS ARE MISSING; NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCIES IN PLANTING LAYOUT.
- PERFORM PERCOLATION TEST ON 15% OF TREE PITS AND PLANTING BEDS PRIOR TO PLANTING. INFORM LANDSCAPE ARCHITECT OF RESULTS. REFER TO CONTRACT SPECIFICATIONS FOR FURTHER INFORMATION.
- LANDSCAPE CONTRACTOR IS TO REFER TO LAYOUT & MATERIALS (L2 SERIES) DRAWINGS TO UNDERSTAND THE LOCATION, VERTICAL AND HORIZONTAL, OF ALL ELEMENTS OF THE EXTERIOR DESIGN INCLUDING SITE FURNISHINGS, FENCING, PAVING, EDGING, CURBS, SITE & LIGHTING. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LOCATION OF ALL PROPOSED CIVIL ENGINEERING CONSTRUCTION AS IT IMPACTS THE LANDSCAPE INSTALLATION.

TOWN OF CASTLE ROCK STANDARD NOTES

- SQUARE FOOTAGES ARE ESTIMATED. FINAL LANDSCAPE AREA COVERAGE SHALL MEET OR EXCEED COVERAGE REPRESENTED IN THIS DRAWING AND SHALL CONFORM TO SUBSEQUENT SUBMITTAL REQUIREMENTS.
- QUANTITIES AND LOCATIONS OF PLANT MATERIALS ARE APPROXIMATED. FINAL QUANTITIES AND LOCATIONS WILL BE REFLECTED ON CONSTRUCTION DOCUMENTS.
- ALL PLANTS ARE TO BE PROPERLY HYDROZONED PER TOWN OF CASTLE ROCK PLANT LIST.
- DISTANCE OF TREES TO UTILITY LINES SHOULD BE A MINIMUM OF 10 FEET.
- PERMANENT IRRIGATION IS REQUIRED FOR ALL LANDSCAPED AREAS GREATER THAN 500 SQUARE FEET, PER SECTION 4.2.3 OF THE LANDSCAPE AND IRRIGATION MANUAL.
- DESIGN MUST ACCOMMODATE THE WATERING RESTRICTIONS AS OUTLINED IN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN (WUMP).
- IRRIGATION SYSTEMS ARE TO BE DESIGNED TO OPERATE WITHIN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN.
- IRRIGATION SYSTEMS ARE TO BE DESIGNED PER THE TOWN OF CASTLE ROCK LANDSCAPE AND IRRIGATION REGULATIONS SECTION 4.2.3 AND TO CORRELATE WITH THE USE TYPE ON THE PROPERTY.
- IF ANY TRANSFORMERS, GROUND-MOUNTED HVAC UNITS, UTILITY PEDESTALS, OR SIMILAR FEATURES EXISTING ON SITE, BUT NOT SHOWN ON THE SITE DEVELOPMENT PLAN, ADDITIONAL LANDSCAPING AND SCREENING MAY BE REQUIRED BASED UPON FIELD CONDITIONS DETERMINED DURING THE SITE INSPECTION. INSTALLATION WILL BE REQUIRED PRIOR TO THE FINAL INSPECTION AND THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, AS APPLICABLE.
- NO SOLID OBJECT EXCEEDING 30" IN HEIGHT ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT STREET, INCLUDING, BUT NOT LIMITED TO BUILDING, UTILITY CABINETS, WALLS, FENCES, TREES, LANDSCAPE PLANTINGS, CUT SLOPES AND BERMS SHALL BE PLACED IN SIGHT DISTANCE TRIANGLES OR EASEMENTS AS SHOWN ON THE PLAN.
- NO TREES, LARGE SHRUBS, OR PERMANENT STRUCTURES ARE ALLOWED IN UTILITY AND DRAINAGE EASEMENTS.
- AN IRRIGATION PLAN IS REQUIRED WITH THE FIRST SUBMITTAL OF THE CONSTRUCTION DOCUMENTS. PLEASE SEE SECTIONS 3.1.2B AND 4.2.3 OF THE TOWN OF CASTLE ROCK LANDSCAPE AND IRRIGATION PERFORMANCE STANDARDS AND CRITERIA MANUAL FOR IRRIGATION SUBMITTAL AND DESIGN REQUIREMENTS. CHANGES TO THE LANDSCAPE PLAN MAY BE NECESSARY DUE TO CONSTRUCTION DOCUMENTS IRRIGATION PLAN REVIEW COMMENTS.
- LANDSCAPE AND IRRIGATION SHALL BE INSTALLED BY A TOWN OF CASTLE ROCK REGISTERED LANDSCAPE CONTRACT PROFESSIONAL.
- DEAD PLANT MATERIALS SHALL BE REMOVED AND REPLACED WITH HEALTHY PLANTING MATERIALS OF COMPARABLE SIZE AND SPECIES THAT MEET THE ORIGINAL INTENT OF THE APPROVED LANDSCAPE DESIGN WITHIN FORTY-FIVE(45) DAYS OR SOONER IN THE EVENT OF A CONTAGIOUS DISEASE OR INVASIVE INSECT SPECIES. TOWN OF CASTLE ROCK IS NOT RESPONSIBLE FOR PLANT REPLACEMENTS.
- SLOPES STEEPER THAN 3:1 ARE NOT PERMITTED ON LANDSCAPE PLANS IN THE TOWN OF CASTLE ROCK.

LANDSCAPE NOTES

- IMPORTED, SCREENED TOPSOIL IS REQUIRED TO ALL LANDSCAPE AREAS AT THE FOLLOWING DEPTHS: CONTINUOUS PLANT BEDS, 12" - TREE PIT EXCAVATION, 18" - LAWN AREAS, 4".
- IMPORTED TOPSOIL SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE A NATURAL, FRIABLE SOIL FROM THE FOLLOWING PRE-QUALIFIED SUPPLIERS: COLORADO MATERIALS INC., LEE HILL PEAT, PIONEER SAND.
- PRIOR TO FINAL SELECTION OF IMPORTED TOPSOIL, CONTRACTOR IS TO SUBMIT A SOIL ANALYSIS FROM THE SUPPLIER COMPLETED BY A QUALIFIED SOIL TESTING AGENCY. THE SOIL ANALYSIS MUST BE FROM SAMPLES PROVIDED TO THE TESTING AGENCY WITHIN THE LAST 6 MONTHS. REFER TO SPECIFICATIONS SECTION 329300 AND 329200 FOR SPECIFIC SOIL TESTING & ANALYSIS REQUIREMENTS.
- TOPSOIL SHALL BE FERTILE, FRIABLE, LOAMY OR SANDY LOAM SOIL, REASONABLY FREE FROM SUBSOIL, REFUSE, ROOTS, HEAVY CLAY, STONES LARGER THAN 1 INCH, COARSE SAND, NOXIOUS SEEDS, STICKS, BRUSH, LITTER, AND OTHER DELETERIOUS SUBSTANCES. IT MUST BE SUITABLE FOR THE THE SUPPORT OF VEGETATIVE GROWTH. THE PH VALUE SHALL BE BETWEEN 7.0 AND 8.0.
- TOPSOIL BASE GUIDELINES: SAND, 30 TO 50 PERCENT; SILT, 30 TO 50 PERCENT; CLAY, 20 TO 40 PERCENT; PERCENTAGE ORGANIC CONTENT: 2.0% MINIMUM; SOLUBLE SALTS: ELECTRIC CONDUCTIVITY SHALL BE LESS THAN 4.0 MMHOS/CM FOR IRRIGATED AREAS.
- AMENDED TOPSOIL: PRIOR TO FINAL SELECTION OF IMPORTED AMENDED TOPSOIL, CONTRACTOR IS TO SUBMIT A SOIL ANALYSIS FROM THE SUPPLIER COMPLETED BY A QUALIFIED SOIL TESTING AGENCY. THE SOIL ANALYSIS MUST BE FROM SAMPLES PROVIDED TO THE TESTING AGENCY WITHIN THE LAST 6 MONTHS. REFER TO SPECIFICATIONS SECTION 329300 AND 329200 FOR SPECIFIC SOIL TESTING & ANALYSIS REQUIREMENTS.
- PLANTING AREAS CULTIVATION:
DE-COMPACTION & SUBSOIL TREATMENT: DE-COMPACTION OF SUB SOILS FROM CONSTRUCTION ACTIVITIES AND TRACKING BY HEAVY EQUIPMENT IS REQUIRED TO ALL SITE AREAS THAT WILL RECEIVE PLANT MATERIAL AND GRASS AND/OR SEED.
REMOVE SUBSOIL TO DEPTH REQUIRED TO RECEIVE IMPORTED TOPSOIL DEPTHS AS NOTED ABOVE. RIP HEAVILY COMPACTED AREAS WITH BACKHOE TINES TO A MINIMUM DEPTH OF 12" AND BREAK UP OR REMOVE LARGE CLODS. SCARIFY WITH ROTARY TILLER. REMAINING COMPACTED SUB-GRADE TO A 12" MINIMUM DEPTH TO HELP BOND IMPORTED TOPSOIL TO SUBSOIL.
PLACE TOPSOIL TO MINIMUM DEPTHS NOTED ABOVE AFTER SETTLEMENT. TOPSOIL SHALL BE FREE FROM WEEDS, SOD, CLODS AND STONES LARGER THAN 1-INCH, TOXIC SUBSTANCES, LITTER AND OTHER DELETERIOUS MATERIAL. SPREAD EVENLY AND GRADE TO ELEVATIONS AND SLOPES SHOWN. HAND RAKE AREAS INACCESSIBLE TO MACHINE GRADING.
- ORGANIC COMPOST AMENDMENT: PRIOR TO FINAL SELECTION OF COMPOST TO BE ADDED TO IMPORTED TOPSOIL, CONTRACTOR IS TO SUBMIT A COMPOST ANALYSIS FROM THE SUPPLIER COMPLETED BY A QUALIFIED TESTING AGENCY. THE COMPOST ANALYSIS MUST BE FROM SAMPLES PROVIDED TO THE TESTING AGENCY WITHIN THE LAST 6 MONTHS. REFER TO SPECIFICATIONS SECTION 329300 AND 329200 FOR SPECIFIC SOIL TESTING & ANALYSIS REQUIREMENTS.
- COMPOST AMENDMENT FOR TREE, SHRUB, ORNAMENTAL GRASSES AND PERENNIAL PLANT BEDS: CONTRACTOR IS TO ROTARY TILL TO A DEPTH OF EIGHT (8) INCHES INTO THE IMPORTED SOIL OF FIVE (5) CUBIC YARDS OF ORGANIC COMPOST PER 1,000 SQUARE FEET OF AREA.
EXCAVATE TREE AND SHRUB PITS PER DETAIL PROVIDE ON DETAIL PLANS AND BLEND SUBSOIL FROM PITS WITH COMPOST & IMPORTED TOPSOIL OR AMENDED TOPSOIL AND RETURN TO PIT.
TOP DRESSING: CONTRACTOR IS TO APPLY TOP DRESSING OF FOUR (4) CUBIC YARDS OF COMPOST TO PLANT BED AREA PRIOR TO PLANTING.
- COMPOST AMENDMENT FOR LAWN AREAS: CONTRACTOR IS TO ROTO-TILL TO A DEPTH OF EIGHT (8) INCHES INTO THE IMPORTED TOPSOIL OF 5 CUBIC YARDS OF ORGANIC COMPOST PER 1,000 SQUARE FEET OF AREA. PRIOR TO SOD INSTALLATION CONTRACTOR IS TO APPLY THREE (3) YARDS OF COMPOST PER 1,000 SQUARE FEET TO SOIL AND MAKE FINAL PREPARATIONS.
- ORGANIC COMPOST TYPE AND SOURCE IS TO BE CLASS 1 OR 2
- ORGANIC MULCH TYPE: WASHINGTON RED CEDAR (GORILLA HAIR), PLACED LOOSELY TO A DEPTH OF 4 INCHES.
- TREES IN LAWN AREAS: MULCH RING EDGING TO TREES IN OPEN LAWN AREAS: TREE RING, PRE-FORMED 14 GAUGE STEEL W/ INTEGRAL STAKES, 4-0" DIAMETER CENTERED ON TREE ARE REQUIRED AROUND ALL TREES IN LAWN AREAS.
- AUTOMATIC IRRIGATION SYSTEM: PERMANENT, UNDERGROUND IRRIGATION WILL BE PROVIDED TO ALL LANDSCAPE AREAS. TURF AREAS WILL BE ZONED SEPARATELY FROM BED AREAS; THE WEATHER BASED SMART CONTROLLER WILL INCLUDE A RAIN & WIND SHUT-OFF SYSTEM; IRRIGATION ZONES WILL BE DESIGNER BASED ON HYDRO ZONES ACCORDING TO WATER-DEMAND. REFER TO IRRIGATION SPECIFICATION SECTION 328400 FOR MORE SPECIFIC INFORMATION.
- LANDSCAPE AREAS WILL BE MAINTAINED TO ENSURE WATER EFFICIENCY. A REGULAR MAINTENANCE WILL INCLUDE BUT NOT LIMITED TO CHECKING, ADJUSTING AND REPAIRING IRRIGATION EQUIPMENT, RESETTING THE AUTOMATIC CONTROLLER, AERATING AND DE-TATCHING TURF AREAS, (IF NEEDED), REPLENISHING MULCH, FERTILIZING, PRUNING, AND WEEDING IN ALL LANDSCAPE AREAS. REFER TO SPECIFICATIONS SECTION 329300 & 329200 FOR MORE INFORMATION.
- A PRE-CONSTRUCTION MEETING IS REQUIRED BETWEEN THE GENERAL CONTRACTOR, LANDSCAPE SUB CONTRACTOR, PROPERTY OWNER AND LANDSCAPE ARCHITECTURE BEFORE START OF CONSTRUCTION. REFER TO SPECIFICATIONS SECTION 329300 & 329200 FOR MORE INFORMATION.
- PLANT MATERIAL SYMBOLS ARE SHOWN ON THIS PLAN AT 75% TO 100% MATURE GROWTH ASSUMING CORRECT INSTALLATION & MAINTENANCE, MINIMAL REQUIRED IRRIGATION AND NORMAL GROWTH.



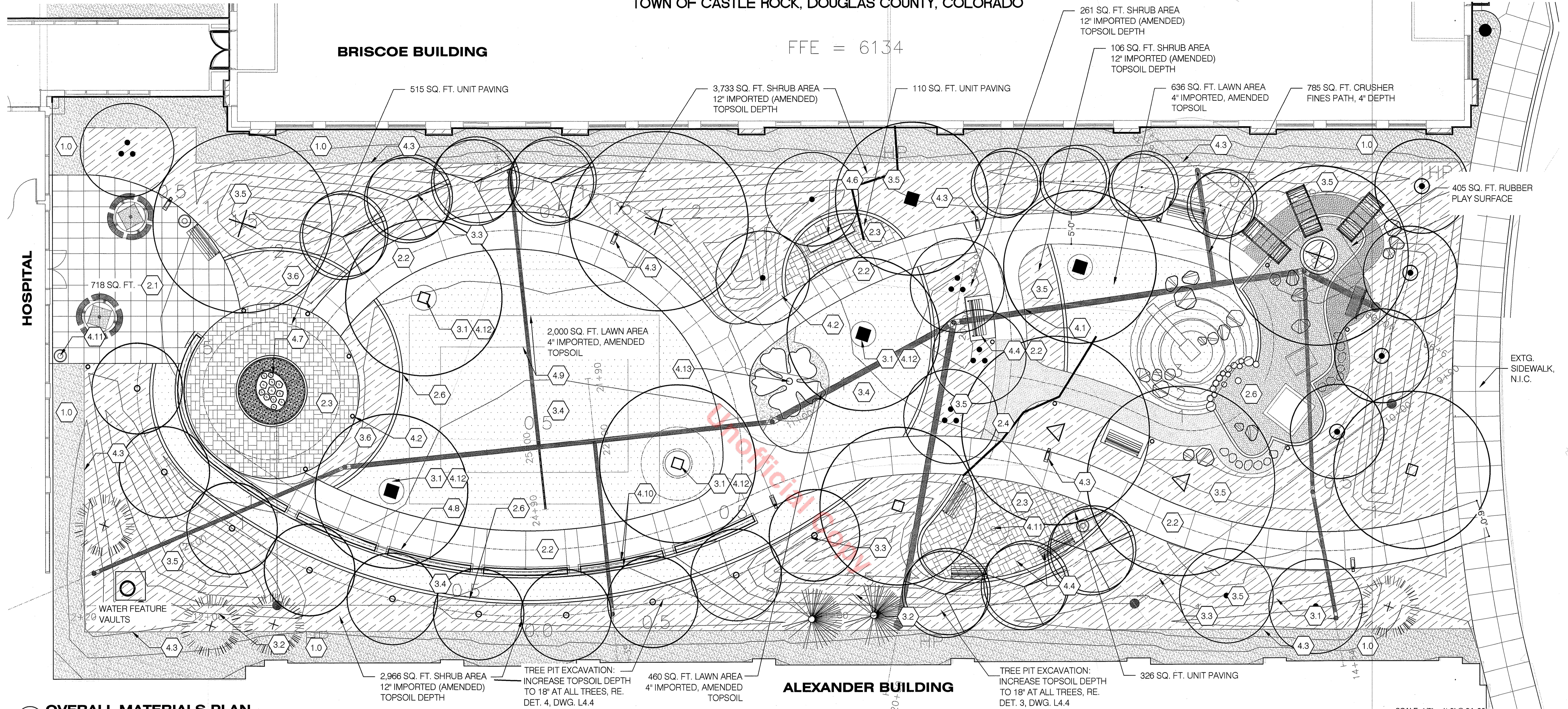
OUELLETTE & ASSOCIATES
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LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
PROJECT NO. SDP #17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



1 OVERALL MATERIALS PLAN
SCALE: 1/8" = 1'-0"

LANDSCAPE MATERIAL KEYNOTES

EXISTING CONDITIONS:

- (1.0) EXISTING NON-IRRIGATION ZONE AT BASE OF EXISTING BLDGS.: ROUND RIVER GRAVEL & STEEL EDGER AT BASE OF BUILDINGS IS TO REMAIN AND/OR BE REINSTATED IF DISTURBED.
- (2.1) COLORED CONCRETE PAVEMENT: PEDESTRIAN GRADE - SAND TEXTURE FINISH, DAVIS COLOR: OMAHA TAN #5084
- (2.2) CONCRETE PAVEMENT: NATURAL GRAY; PEDESTRIAN GRADE; SAND TEXTURE FINISH, V-GROOVE SAW CUT JOINTS
- (2.3) UNIT PAVING SLABS: 2" THK. STEPSTONE CALARC PRECAST CONC. PAVERS (OR EQ. APPROVED) LAID IN ASHLAR PATTERN, SAND SET ON COMPACTED SUBBASE
- (2.4) CRUSHER FINES: 4" DEEP COMPACTED; GREY COLOR
- (2.5) LANDSCAPE EDGE: CAST-IN-PLACE CONCRETE, 6" WIDE x 12" DEEP FLUSH CURB

PAVING MATERIALS

- (2.6) CHILDREN'S PLAY AREA PAVING - ENGINEERED SAFETY RUBBER SURFACE - 'PEBBLEFLEX' SYSTEM BY LANDSCAPE STRUCTURES, (OR EQ. APPROVED); COLOR - SELECTED BY ARCHITECT FROM MANUFACTURER'S RANGE

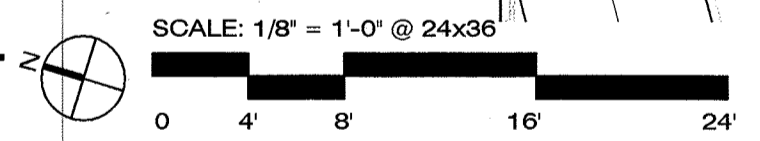
PLANTING

- (3.1) DECIDUOUS SHADE TREE: 2.5" CALIPER, B&B
- (3.2) EVERGREEN TREE: 8" HT., B&B
- (3.3) ORNAMENTAL FLOWERING TREE: 2" CAL.
- (3.4) TURF GRASS - LAWN AREAS: ENVIROTURF OR NATURE'S PRAIRIE TURF SOD BY TURFMASTER SOD, (OR EQ. APPROVED & PERMITTED BY THE TOWN OF CASTLE ROCK, RE. SPECS.
- (3.5) SHRUB BED PLANTING IN SHREDDED CEDAR MULCH, (4" DEPTH)
- (3.6) PERENNIAL & ORNAMENTAL GRASS PLANTING IN SHREDDED CEDAR MULCH, (4" DEPTH)

SITE ELEMENTS & AMENITIES

- (4.1) LANDSCAPE EDGING - CURVED LAYOUTS - 5' x 1/8" x 10' INTERLOCKING EDGING W/ INTEGRAL 12" LONG STAKES & MATCHING CAPS BY COL-MET, COLOR: POWDERCOAT GREEN
- (4.2) BOLLARD PATHWAY LIGHT, 48" HIGH; MATCH CRAH HOSPITAL CAMPUS STD., RE. ELECTRICAL SHEET
- (4.3) POLE MOUNTED PATHWAY LIGHT TO MATCH CRAH CAMPUS STD., RE. ELECTRICAL SHEET
- (4.3) LANDSCAPE EDGING - STRAIGHT LAYOUTS (@ BLDG. PERIMETER NON-IRRIGATION ZONE IF REQUIRED TO REINSTATE) EDGING IS 5' x 3/16" x 10' INTERLOCKING EDGING W/ INTEGRAL 12" STAKES & MATCHING CAPS BY COL-MET, COLOR - GREEN
- (4.4) BENCH: 6" WIDE BENCH BY LANDSCAPE FORMS, MODEL 'NEOROMANTICO', SURFACE MOUNT TO PAVING
- (4.5) LITTER RECEPTACLE: LANDSCAPE FORMS - 'CHASE PARK'
- (4.6) SPECIAL BENCH: EXISTING 'MOBIUS' BENCH (RELOCATED FROM HOSPITAL PREMISES), FREE STANDING SET ON UNIT PAVING

- (4.7) WATER FEATURE
- (4.8) CAST-IN-PLACE CONC. SEAT WALL
- (4.9) EVENT TENT LOCATION: 20' x 30' TENT FOOTPRINT & PERIMETER STAKING ZONE W/ IN-GROUND ANCHORS
- (4.10) RECESSED LIGHTING IN SEATWALL: LED LIGHT SOURCE, RE. ELECTRICAL SHEET
- (4.11) SCULPTURE LOCATION: INSTALLATION IS TO BE COORDINATED WITH ARTIST; SCULPTURE FOUNDATION BASE BY GENERAL CONTRACTOR
- (4.12) TREE RINGS (IN LAWN AREAS): 4" DIA. 14 GAUGE STEEL EDGER W/ MATCHING CAPS BY COL-MET, ITEM #14TR4, COLOR - GREEN
- (4.13) SCULPTURE LOCATION - SCULPTURE & INSTALLATION BY ARTIST; FLOWER PEDAL FORM (LITHOCRETE) AT GRADE BY ARTIST & COLORADO HARDSCAPES; FOUNDATION FOR SCULPTURE TO BE DETERMINED. CRUSHER FINES SURROUND AND STEEL EDGING BY GENERAL CONTRACTOR



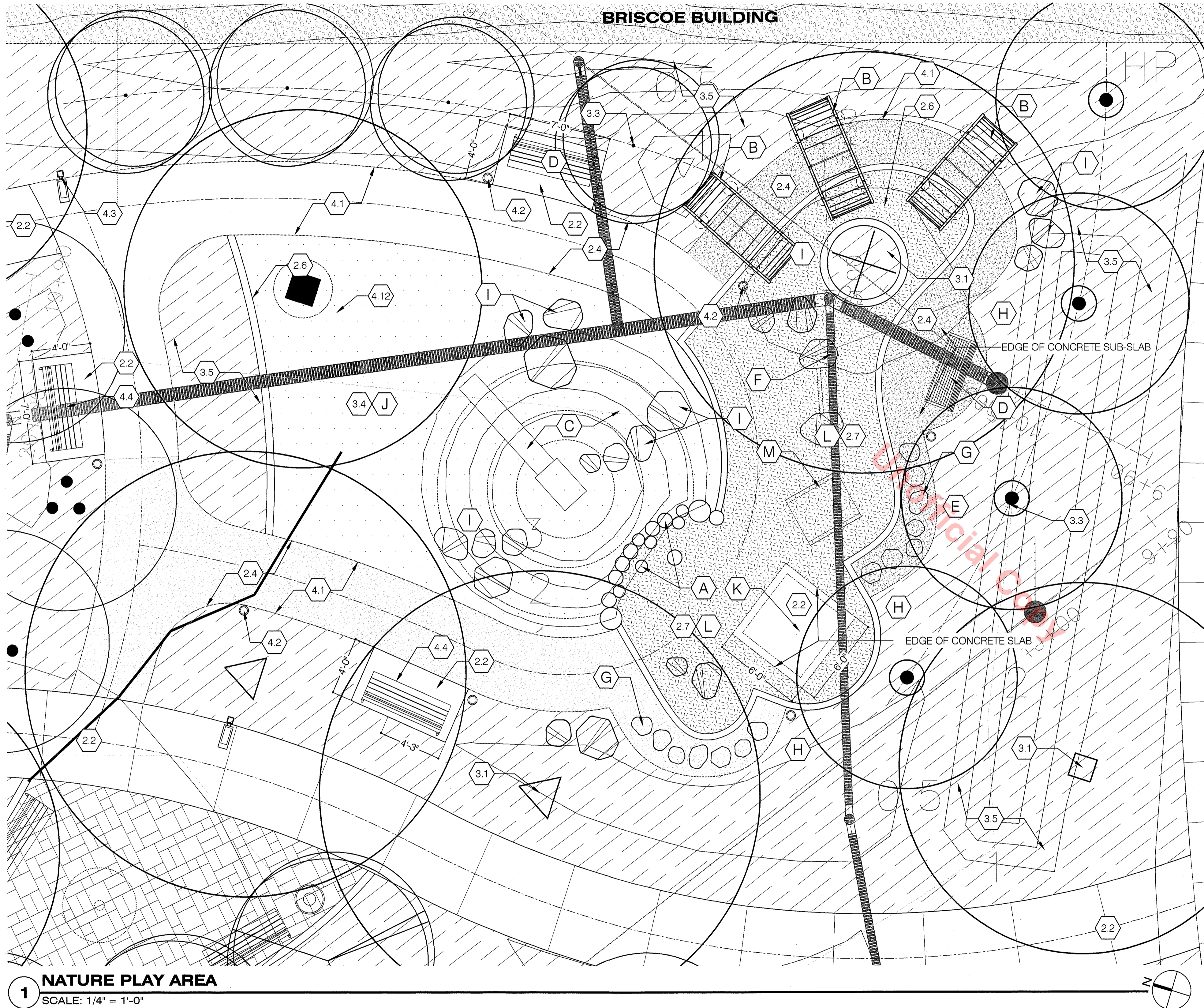
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LANDSCAPE MATERIAL KEYNOTES

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- PAVING MATERIALS
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 - 2.2 CONCRETE PAVEMENT: NATURAL GRAY; PEDESTRIAN GRADE; SAND TEXTURE FINISH, V-GROOVE SAW CUT JOINTS
 - 2.3 UNIT PAVING SLABS: 2" THK. STEPSTONE CALARC PRECAST CONC. PAVERS (OR EQ. APPROVED) LAID IN ASHLAR PATTERN, SAND SET ON COMPACTED SUBBASE
 - 2.4 CRUSHER FINES: 4" DEEP COMPACTED; GREY COLOR
 - 2.5 LANDSCAPE EDGE: CAST-IN-PLACE CONCRETE, 6" WIDE x 12" DEEP FLUSH CURB
 - 2.6 CHILDREN'S PLAY AREA PAVING - ENGINEERED SAFETY RUBBER SURFACE - 'PEBBLEFLEX' SYSTEM BY LANDSCAPE STRUCTURES, (OR EQ. APPROVED); COLOR - SELECTED BY ARCHITECT FROM MANUFACTURER'S RANGE

- PLANTING
- 3.1 DECIDUOUS SHADE TREE: 2.5" CALIPER, B&B
 - 3.2 EVERGREEN TREE: 8' HT., B&B
 - 3.3 ORNAMENTAL FLOWERING TREE: 2" CAL.
 - 3.4 TURF GRASS - LAWN AREAS: ENVIROTURF OR NATURE'S PRAIRIE TURF SOD BY TURFMASTER SOD, (OR EQ. APPROVED & PERMITTED BY THE TOWN OF CASTLE ROCK, RE. SPECS.
 - 3.5 SHRUB BED PLANTING IN SHREDDED CEDAR MULCH, (3" DEPTH)
 - 3.6 PERENNIAL & ORNAMENTAL GRASS PLANTING IN SHREDDED CEDAR MULCH, (4" DEPTH)

- SITE ELEMENTS & AMENITIES
- 4.1 LANDSCAPE EDGING - CURVED LAYOUTS - 5" x 1/8" x 10' INTERLOCKING EDGING W/ INTEGRAL 12" LONG STAKES & MATCHING CAPS BY COL-MET, COLOR: POWDERCOAT GREEN
 - 4.2 BOLLARD PATHWAY LIGHT, 48" HIGH; MATCH CRAH HOSPITAL CAMPUS STD., RE. ELECTRICAL SHEET
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 - 4.3 LANDSCAPE EDGING - STRAIGHT LAYOUTS (@ BLDG. PERIMETER NON-IRRIGATION ZONE IF REQUIRED TO REINSTATE EDGING) IS 5" x 3/16" x 10' INTERLOCKING EDGING W/ INTEGRAL 12" STAKES & MATCHING CAPS BY COL-MET, COLOR - GREEN
 - 4.4 BENCH: 6' WIDE BENCH BY LANDSCAPE FORMS, MODEL 'NEOROMANTICO', SURFACE MOUNT TO PAVING
 - 4.5 LITTER RECEPTACLE: LANDSCAPE FORMS - 'CHASE PARK'
 - 4.6 SPECIAL BENCH: EXISTING 'MOBIUS' BENCH (RELOCATED FROM HOSPITAL PREMISES), FREE STANDING SET ON UNIT PAVING
 - 4.7 WATER FEATURE
 - 4.8 CAST-IN-PLACE CONC. SEAT WALL
 - 4.9 EVENT TENT LOCATION: 20' x 30' TENT FOOTPRINT & PERIMETER STAKING ZONE W/ IN-GROUND ANCHORS
 - 4.10 RECESSED LIGHTING IN SEATWALL: LED LIGHT SOURCE, RE. ELECTRICAL SHEET
 - 4.11 SCULPTURE LOCATION: INSTALLATION IS TO BE COORDINATED WITH ARTIST; SCULPTURE FOUNDATION BASE BY GENERAL CONTRACTOR
 - 4.12 TREE RINGS (IN LAWN AREAS): 4" DIA. 14 GAUGE STEEL EDGER W/ MATCHING CAPS BY COL-MET, ITEM #14TR4, COLOR - GREEN
 - 4.13 SCULPTURE LOCATION - SCULPTURE & INSTALLATION BY ARTIST; FLOWER PEDAL FORM (LITHOCRETE) AT GRADE BY ARTIST & COLORADO HARDSCAPES; FOUNDATION FOR SCULPTURE TO BE DETERMINED. CRUSHER FINES SURROUND AND STEEL EDGING BY GENERAL CONTRACTOR

1 NATURE PLAY AREA

SCALE: 1/4" = 1'-0"

PLAY AREA COMPONENTS

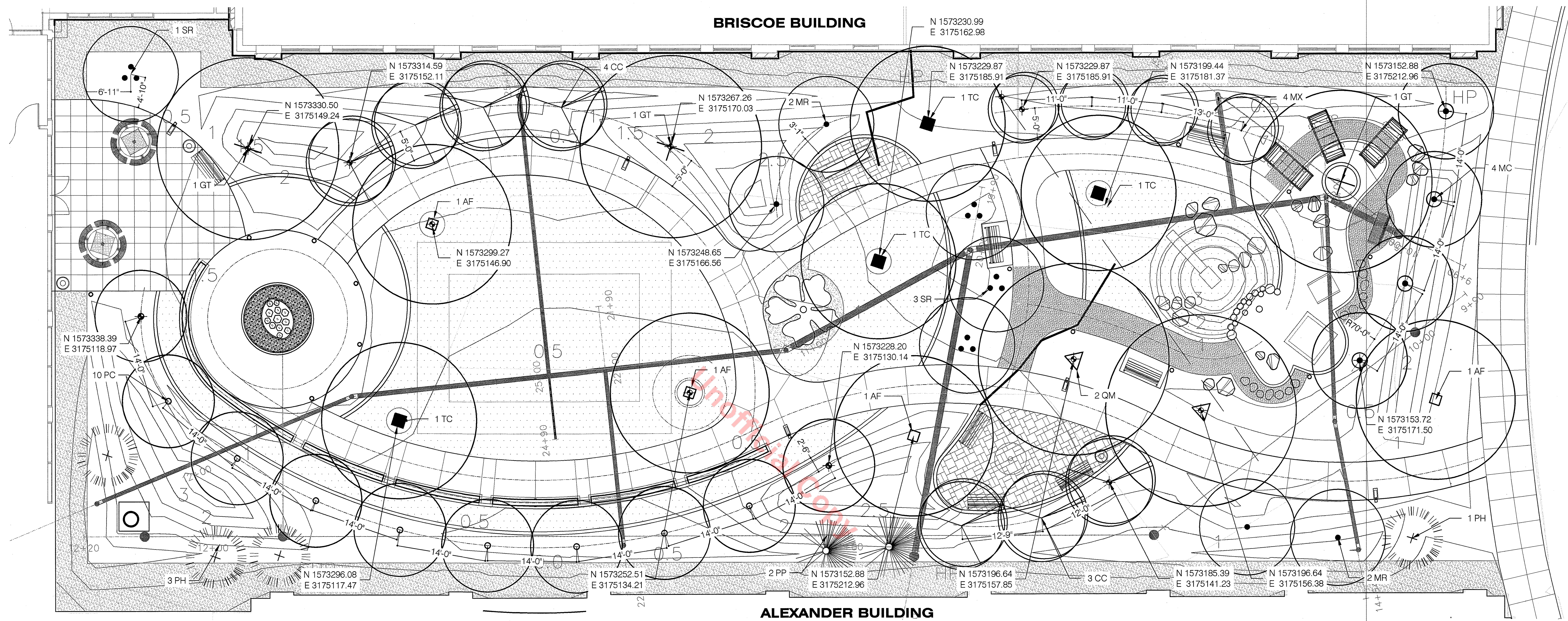
- | | |
|---|---|
| <ul style="list-style-type: none"> A NATURAL LOG SECTIONS - VERTICAL LOGS B LIVING TUNNEL, (ADD-ALTERNATE #4) C EARTHMOUND (3' HIGH) & CHILDREN'S SLIDE D BENCH SEATING - SEE MATERIAL KEYNOTES E CHILDREN'S ART - BY OWNER - N.I.C. F BALANCING ROPE | <ul style="list-style-type: none"> G WOOD PAVERS H PLANT IDENTIFICATION SIGNS - BY OWNER - N.I.C. I CLIMBING BOULDERS - ROUND RIVER BOULDERS J OPEN GRASS LAWN - SEE MATERIAL KEYNOTES K CHILDREN'S PLAYHOUSE LOCATION - CONC. PAD ONLY L RUBBER SAFETY SURFACING - SEE MATERIAL NOTES M WOOD TUNNEL |
|---|---|

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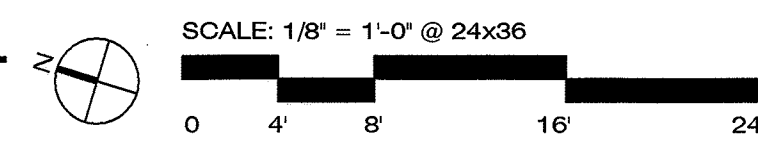
LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
PROJECT NO. SDP #17-0027

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

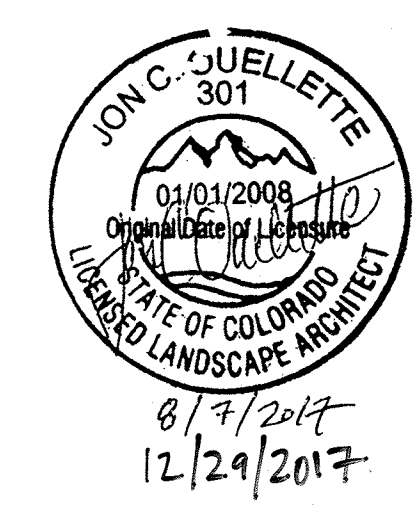
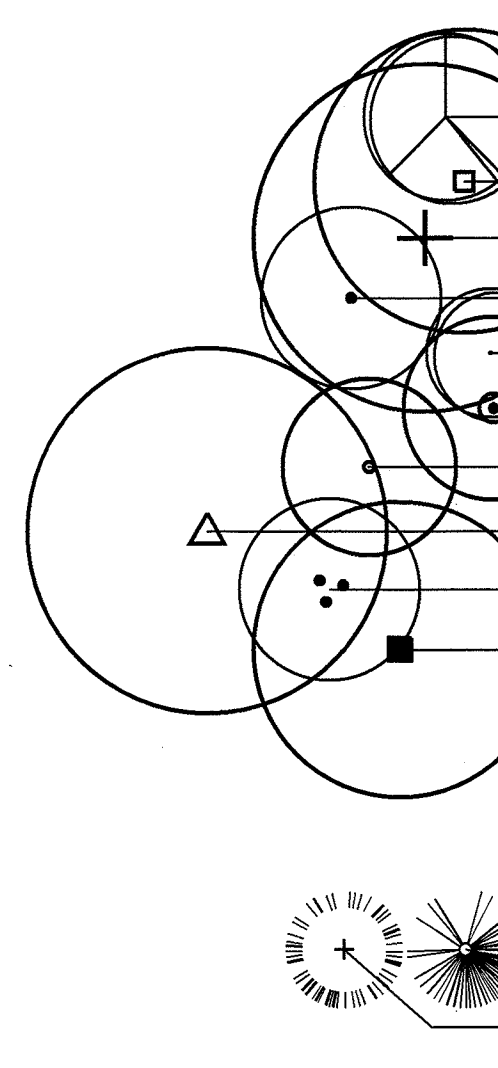


1 TREE PLANTING PLAN & LAYOUT
SCALE: 1/8" = 1'-0"



PLANT LIST

ABBR.	QTY	BOTANICAL NAME/COMMON NAME	STOCK	COMMENTS	MATURE GROWTH HEIGHT X WIDTH	IRR. ZONE	WATER REQ. INCHES/MONTH	WATER USE
DECIDUOUS TREES								
CC	7	CERCIS CANADENSIS	2.5' CAL	B&B - SINGLE STEM	25' x 15'	DRIP	3.0	MOD
AF	4	ACER X FREEMANII 'AUTUMN BLAZE'	2.5' CAL	B&B	40 x 30	DRIP	3.0	MOD
GT	3	GLADISTIA TRIACANTHOS INERMIS IMPERIAL	30' O.C.	35'-S	35 x 30'	DRIP	2.0	LOW
MR	4	MALUS 'RADIANT'	2' CAL	B&B	20' x 15'	DRIP	3.0	LOW
MX	4	MALLUS x 'CORALCOLE' ('CORALBURST')	2' CAL	B&B	12 x 15'	DRIP	3.0	MOD
MC	4	MALLUS CENTURION	2' CAL	B&B	20 x 15	DRIP	3.0	MOD
PC	10	PYRUS CALLERYANA 'CHANTICLEER'	15' O.C.	20'-S	25' x 15'	DRIP	3.0	MOD
QM	2	QUERCUS MUEHLENBERGII	19' O.C.	20-30'-S	30' x 35'	DRIP	2.0	LOW
SR	4	SYRINGA RETICULATA 'IVORY SILK'	2.5' CAL	B&B	15' x 15'	DRIP	2.0	LOW
TC	3	TILIA CORDATA 'GREENSPIRE'	2.5' O.C.	B&B	30-40'-S	DRIP	3.0	MOD
EVERGREENS								
EF	--	EUONYMUS FORTUNEI 'COLORATUS'	#1	CONTAINER	18' x 36'	DRIP	3.0	MOD
EK	--	EUONYMUS KALITSCHOVICA 'MANHATTAN'	#5	CONTAINER	5' x 5'	DRIP	3.0	MOD
JS	3	JUNIPERUS SCOPIULORUM 'SKYROCKET'	3' O.C.	15'-S	15' x 3'	DRIP	2.0	LOW
PP	2	PINUS EDULIS	7	B&B	20' x 10'	DRIP	2.0	LOW
PH	4	PINUS HELDREICHII ('LEUCODERMIS')	10' O.C.	20'-S	20'-10'	DRIP	2.0	LOW



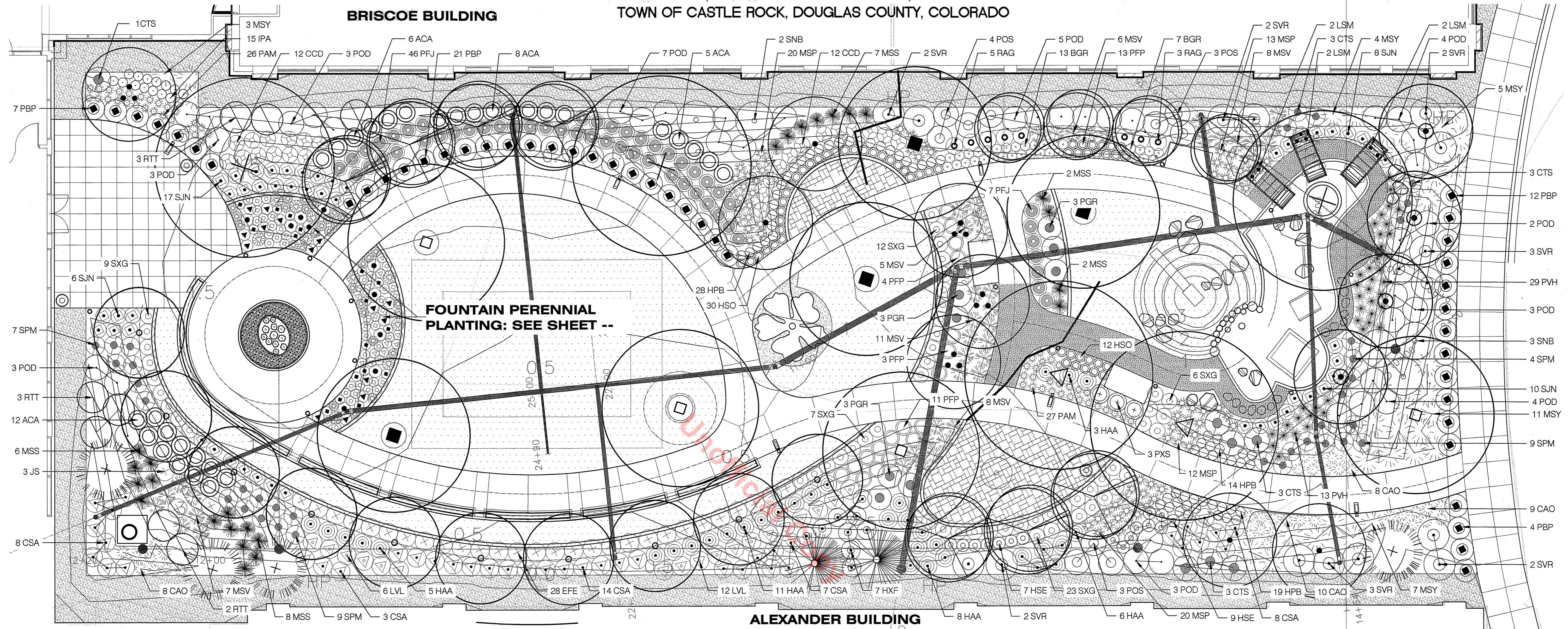
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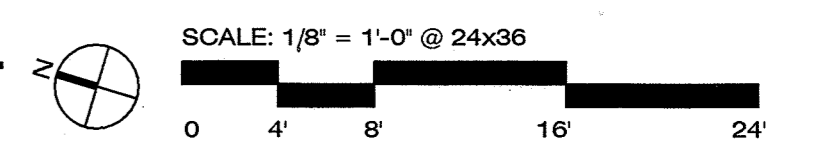
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4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



1 SHRUBS, PERENNIALS & ORNAMENTAL GRASSES - PLANTING PLAN
SCALE: 1/8" = 1'-0"



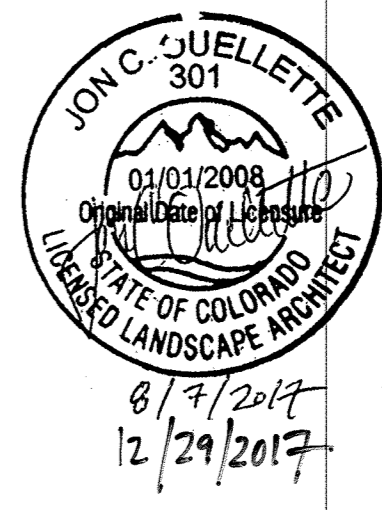
SYMBOL		DECIDUOUS SHRUBS	
⊙	ACA 31	AMORPHA CANESCENS LEADPLANT	#5 36" O.C. CONTAINER
⊙	CFG --	CARAGANA FRUTEX 'GLOBOSA'	#5 CONTAINER
⊙	CCD 24	GLOBE RUSSIAN PEA SHRUB	#5 30" O.C. CONTAINER
⊙	CTS 13	CARYOPTERIS X CLAUDONENSIS 'DARK KNIGHT'	#5 30" O.C. CONTAINER
⊙	CTA 13	DARK KNIGHT BLUE MIST SPIREA	#5 30" O.C. CONTAINER
⊙	CSA 40	CHAENOMELES SPECIOSA 'TEXAS SCARLET'	#5 30" O.C. CONTAINER
⊙	CSA 40	TEXAS SCARLET QUINCE	#5 30" O.C. CONTAINER
⊙	EFE 28	DAPHNE X BURKWOODI 'CAROL MACKIE'	#5 30" O.C. CONTAINER
⊙	EFE 28	CAROL MACKIE DAPHNE	#5 30" O.C. CONTAINER
⊙	HAA 33	EUONYMUS FORTUNEI 'EMERALD 'N' GOLD'	#5 30" O.C. CONTAINER
⊙	HAA 33	EMERALD 'N' GOLD EUONYMUS	#5 30" O.C. CONTAINER
⊙	LVL 18	HYDRANGEA ARBORESCENS 'ANNABELLE'	#5 30" O.C. CONTAINER
⊙	LVL 18	ANNABELLE SMOOTH HYDRANGEA	#5 30" O.C. CONTAINER
⊙	PXS 3	LIGUSTRUM VULGARE 'L'ODENSE'	#5 30" O.C. CONTAINER
⊙	PXS 3	LODENSE PRIVET	#5 30" O.C. CONTAINER
⊙	POS 10	PHILADELPHUS X 'SNOWBELLE'	#5 30" O.C. CONTAINER
⊙	POS 10	SNOWBELLE MOCKORANGE	#5 30" O.C. CONTAINER
⊙	POD 37	PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE'	#5 30" O.C. CONTAINER
⊙	POD 37	SUMMER WINE NINEBARK	#5 30" O.C. CONTAINER
⊙	PFJ 53	PHYSOCARPUS OPULIFOLIUS 'DART'S GOLD'	#5 30" O.C. CONTAINER
⊙	PFJ 53	DART'S GOLD NINEBARK	#5 30" O.C. CONTAINER
⊙	PFS --	POTENTILLA FRUTICOSA 'JACKMANNI'	#5 30" O.C. CONTAINER
⊙	PFS --	JACKMANNI POTENTILLA	#5 30" O.C. CONTAINER
⊙	PGR 9	POTENTILLA FRUTICOSA 'McKAYS WHITE'	#5 30" O.C. CONTAINER
⊙	PGR 9	McKAYS WHITE POTENTILLA	#5 30" O.C. CONTAINER
⊙	PGR 44	PRUNUS BESSYI 'PAWNEE BUTTES'	#5 30" O.C. CONTAINER
⊙	PGR 44	CREeping WESTERN SAND CHERRY	#5 30" O.C. CONTAINER
⊙	PPF 31	PRUNUS GLANDULOSA 'ROSEA PLENA'	#5 30" O.C. CONTAINER
⊙	PPF 31	ROSEA PLENA	#5 30" O.C. CONTAINER
⊙	RAG 8	PINK FLOWERING ALMOND	#5 30" O.C. CONTAINER
⊙	RAG 8	PINK BEAUTY POTENTILLA	#5 30" O.C. CONTAINER
⊙	RAL --	RIBES ALPNUM 'GREEN MOUND'	#5 30" O.C. CONTAINER
⊙	RAL --	GREEN MOUND CURRANT	#5 30" O.C. CONTAINER
⊙	RNT 5	RHUS AROMATICA 'GRO-LOW'	#5 30" O.C. CONTAINER
⊙	RNT 5	GRO-LOW SUMAC	#5 30" O.C. CONTAINER
⊙	SNB 8	RHUS TYPHINA 'TIGER EYES'	#5 30" O.C. CONTAINER
⊙	SNB 8	TIGER EYES SUMAC	#5 30" O.C. CONTAINER
⊙	SJN 41	SAMBUCUS NIGRA 'BLACK LACE'	#5 30" O.C. CONTAINER
⊙	SJN 41	BLACK LACE ELDER	#5 30" O.C. CONTAINER
⊙	SJN 41	SPIRAEA JAPONICA 'NEON FLASH'	#5 30" O.C. CONTAINER
⊙	SJN 41	NEON FLASH SPIREA	#5 30" O.C. CONTAINER

SYMBOL		ORNAMENTAL GRASSES / VINE / GROUNDCOVER	
⊙	SXG 57	SPIRAEA X 'GOLD FLAME'	#5 30" O.C. CONTAINER
⊙	SXG 57	GOLDFLAME SPIREA	#5 30" O.C. CONTAINER
⊙	SVR 16	SPIRAEA X VANHOUTTEI 'RENAISSANCE'	#5 30" O.C. CONTAINER
⊙	SVR 16	RENAISSANCE VANHOUTTE SPIREA	#5 30" O.C. CONTAINER
⊙	SPM 29	SYRINGA PATULA 'MISS KIM'	#5 24" O.C. CONTAINER
⊙	SPM 29	MISS KIM DWARF LILAC	#5 24" O.C. CONTAINER
⊙	BGR 20	BOUTELOUA GRACILIS 'BLONDE AMBITION'	#1 18" O.C. CONTAINER
⊙	BGR 20	BLONDE AMBITION GRAMA GRASS	#1 18" O.C. CONTAINER
⊙	CAO 35	CALAMAGOSTIS ACUTIFLORA 'OVERDAM'	#5 24" O.C. CONTAINER
⊙	CAO 35	OVERDAM FEATHER REED GRASS	#5 24" O.C. CONTAINER
⊙	MSS 25	MISCANTHUS SINENSIS 'MORNING LIGHT'	#3 30" O.C. CONTAINER
⊙	MSS 25	MORNING LIGHT MAIDEN GRASS	#3 30" O.C. CONTAINER
⊙	MSP 65	MISCANTHUS SINENSIS PURPURASCENS	#3 24" O.C. CONTAINER
⊙	MSP 65	PURPLE MAIDEN FLAME GRASS	#3 24" O.C. CONTAINER
⊙	MSY 30	MISCANTHUS SINENSIS 'YAKU JIMA'	#3 48" O.C. CONTAINER
⊙	MSY 30	YAKU JIMA MAIDEN GRASS	#3 48" O.C. CONTAINER
⊙	MSV 45	MISCANTHUS SINENSIS 'VARIEGATUS'	#1 30" O.C. CONTAINER
⊙	MSV 45	VARIEGATED MAIDEN GRASS	#1 30" O.C. CONTAINER
⊙	NTE --	NASSELLA (STIPA) TENUISSIMA	#1 18" O.C. CONTAINER
⊙	NTE --	SILKY THREAD GRASS	#1 18" O.C. CONTAINER
⊙	PVH 42	PANICUM VIRGATUM 'HEAVY METAL'	#3 18" O.C. CONTAINER
⊙	PVH 42	HEAVY METAL BLUE SWITCH GRASS	#3 18" O.C. CONTAINER
⊙	PAM 53	PENNISETUM ALOPECUROIDES 'MOUDRY'	#1 18" O.C. CONTAINER
⊙	PAM 53	BLACK FOUNTAIN GRASS	#1 18" O.C. CONTAINER

PLANT LIST: SHRUBS, PERENNIALS & GROUNDCOVER

LAWN AREA: 3,096 SQ. FT.
TURF GRASS - LAWN AREAS: ENVIROTURF OR NATURES PRAIRIE TURF SOD BY TURFMASTER SOD OR EQ. APPROVED & PERMITTED BY THE TOWN OF CASTLE ROCK

LANDSCAPE AREA: 4,017 SQ. FT.

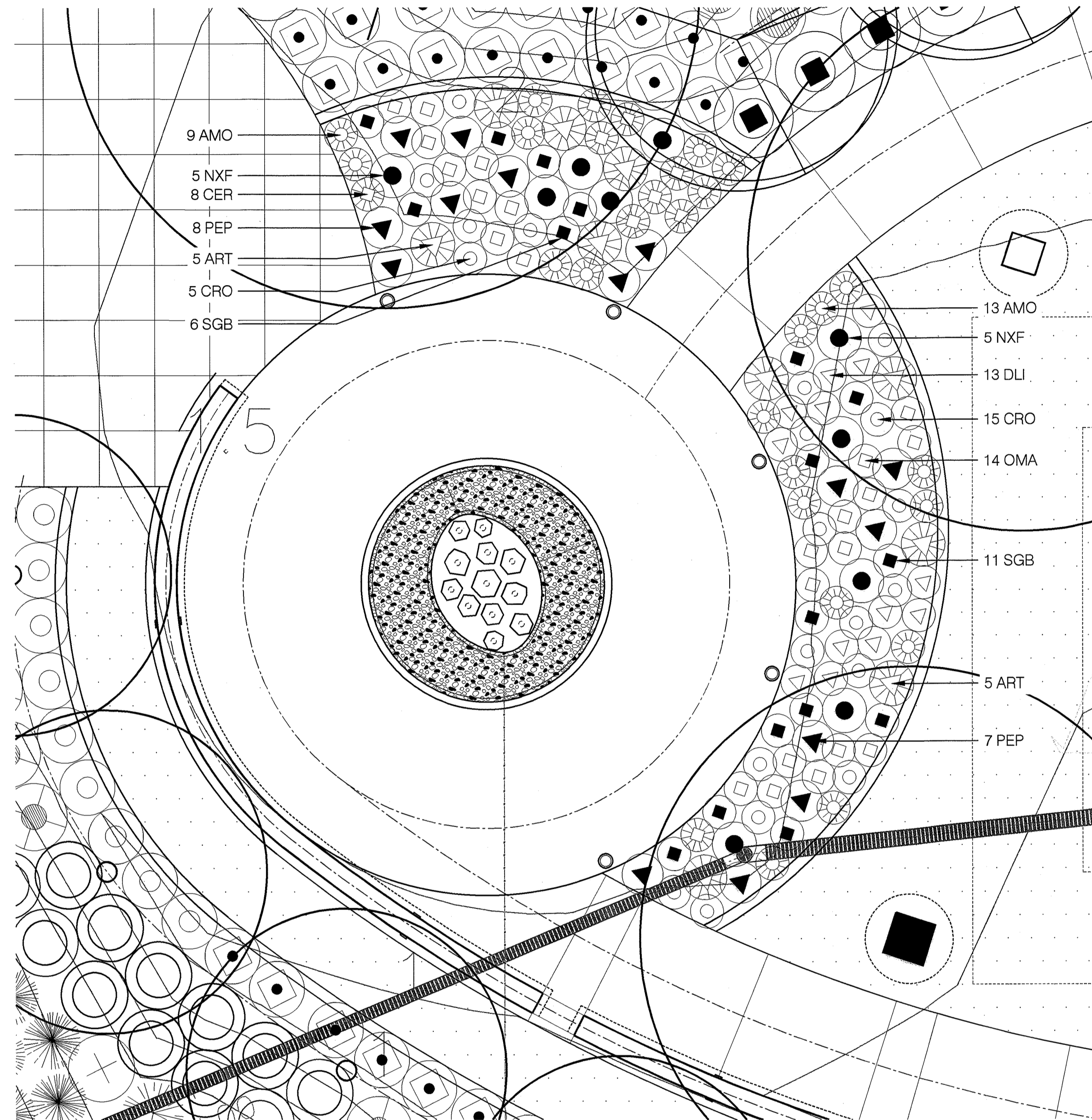


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TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



PLANT LIST

ABBR.	QTY	BOTANICAL NAME/Common Name	STOCK	COMMENTS	MATURE GROWTH HEIGHT X WIDTH	IRR. ZONE	WATER REQ. INCHES/MONTH	WATER USE
SYMBOL ORNAMENTAL GRASSES / VINE / GROUNDCOVER								
⊙	BGR	20	BOUTELOUA GRACILIS 'BLONDE AMBITION'	#1	CONTAINER			
			BLONDE AMBITION GRAMA GRASS	18' O.C.	24"-S	DRIP	1.0	V. LOW
⊙	CAO	35	CALAMAGROSTIS ACUTIFLORA 'OVERDAM'	#5	CONTAINER			
			VARIEGATED FEATHER REED GRASS	24' O.C.	2"-S-Fsh	DRIP	2.0	LOW
☼	MSS	25	MISCANTHUS SINENSIS 'MORNING LIGHT'	#3	CONTAINER			
			MORNING LIGHT MAIDEN GRASS	30' O.C.	4"-S	DRIP	2.0	LOW
☼	MSP	65	MISCANTHUS SINENSIS 'PURPURASCENS'	#3	CONTAINER			
			PURPLE MAIDEN FLAME GRASS	24' O.C.	3"-S	DRIP	3.0	MOD
☼	MSY	30	MISCANTHUS SINENSIS 'YAKU JIMA'	#3	CONTAINER			
			YAKU JIMA MAIDEN GRASS	48' O.C.	4"-S	DRIP	3.0	MOD
☼	MSV	45	MISCANTHUS SINENSIS 'VARIEGATUS'	#1	CONTAINER			
			VARIEGATED MAIDEN GRASS	30' O.C.	48"-S	DRIP	3.0	MOD
⊙	NTE	--	NASSELLA (STIPA) TENUISSIMA	#1	CONTAINER			
			SILKY THREAD GRASS	18' O.C.	24"-S	DRIP	2.0	LOW
☼	PVH	42	PANICUM VIRGATUM 'HEAVY METAL'	#3	CONTAINER			
			HEAVY METAL BLUE SWITCH GRASS	18' O.C.	36"-S	DRIP	2.0	LOW
⊙	PAM	53	PENNISETUM ALOPECUROIDES 'MOUDRY'	#1	CONTAINER			
			BLACK FOUNTAIN GRASS	18' O.C.	18"-S	DRIP	2.0	LOW
⊙	LSM	6	LONICERA SEMPERVIRENS 'MAGNIFICA'	#1	CONTAINER			
			SCARLET TRUMPET VINE	VINE				
SYMBOL PERENNIALS								
⊙	AMO	22	ACHILLEA 'MOONSHINE'	#1	CONTAINER			
			MOONSHINE YARROW	18' O.C.	24"-S	DRIP	2.0	LOW
⊙	ART	10	ARTEMISIA 'POWIS CASTLE'	#1	CONTAINER			
			POWIS CASTLE SAGE	24' O.C.	24"-S	DRIP	2.0	LOW
⊙	CER	8	CENTRANTHUS RUBER	#1	CONTAINER			
			VALERIAN RED	18' O.C.	24"-S	DRIP	2.0	LOW
⊙	CRO	20	COREOPSIS ROSEA	#1	CONTAINER			
			PINK COREOPSIS	18' O.C.	18"-S	DRIP	2.0	LOW
⊙	DLI	13	DELOSPERMA LAVENDER ICE	#1	CONTAINER			
			LAVENDAR ICE ICEPLANT	18' O.C.	4"-S	DRIP	2.0	LOW
⊙	HPB	61	HEMEROCALLIS 'PRAIRIE BLUE EYES'	#1	CONTAINER			
			LAVENDER DAYLILY	18' O.C.	2"-S	DRIP	3.0	MOD
⊙	HSD	42	HEMEROCALLIS 'STELLA DE ORO'	#2	CONTAINER			
			DWARF GOLD DAYLILY	18' O.C.	2"-S	DRIP	3.0	MOD
⊙	HXF	7	HOSTA x FORTUNEI 'FRANCEE'	#1	CONTAINER			
			FRANCEE HOSTA	30' O.C.	1.5-2'-Fsh-Sh	DRIP	3.0	MOD
⊙	HSE	16	HOSTA SIEBOLDIANA 'ELEGANS'	#1	CONTAINER			
			BLUE GIANT PLANTAIN LILY	24' O.C.	2-3'-Fsh-Sh	DRIP	3.0	MOD
⊙	IPA	15	IRIS PALLIDA - IRIS ENSATA - IRIS x SIBERICA	#1	CONTAINER			
			VARIEGATED, JAPANESE, BEARDED IRIS MIX	15' O.C.	2"-S-FSH-MIXED	DRIP	3.0	MOD
⊙	OMA	14	OENOTHERA MACROCARPA	#1	CONTAINER			
			MISSOURI EVENING PRIMROSE	18' O.C.	1"-S	DRIP	2.0	LOW
⊙	NXF	10	NEPETA x FAASSENII 'WALKERS LOW'	#1	CONTAINER			
			WALKERS LOW CATMINT	24' O.C.	20"-S	DRIP	2.0	LOW
⊙	PEP	7	PENSTEMON PINIFOLIUS	#1	CONTAINER			
			PINELEAF PENSTEMON	15' O.C.	8"-S	DRIP	2.0	LOW
⊙	SGB	17	SOLIDAGO 'GOLDEN BABY'	#1	CONTAINER			
			GOLDEN BABY GOLDENROD	18' O.C.	2"-S	DRIP	2.0	LOW

1 FOUNTAIN PLAZA PERENNIAL GARDEN - PLANTING PLAN

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0" @ 24x36

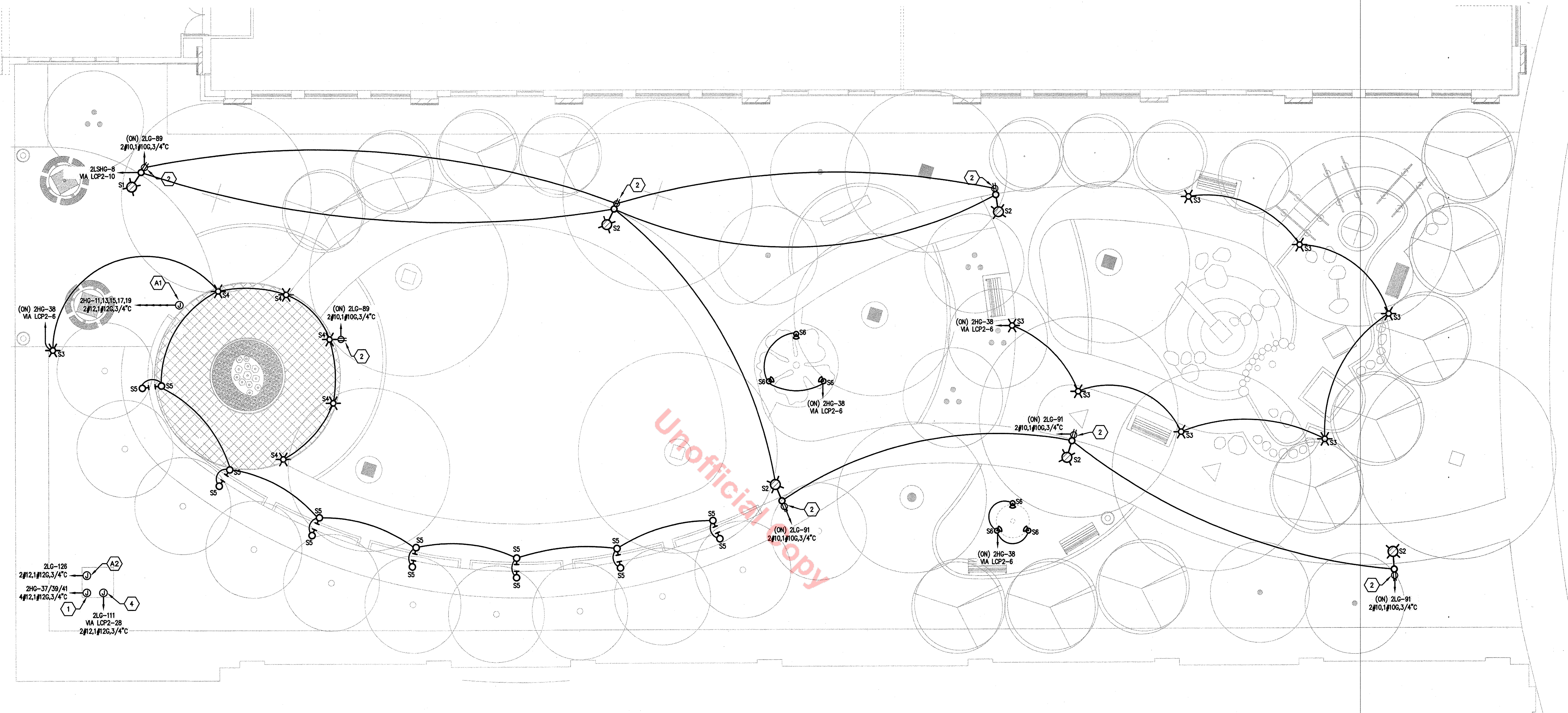


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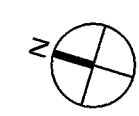
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FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
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01 OVERALL ELECTRICAL PLAN

SCALE: 1/8" = 1'-0"



GENERAL NOTES

A. REFER TO SHEET E0.1 FOR LEGENDS, GENERAL NOTES, AND ABBREVIATIONS.

LEGEND NOTES

- 1 480V/3PH CONNECTION TO WATER FEATURE PUMP CONTROL PANEL. COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH SYSTEM VENDOR.
- 2 RECEPTACLE MOUNTED TO LIGHT FIXTURE POLE. PROVIDE GFCI RECEPTACLE WITH WEATHER PROOF IN-USE COVER.
- 3 RECEPTACLE MOUNTED TO LIGHT BOLLARD. PROVIDE GFCI RECEPTACLE WITH WEATHER PROOF IN-USE COVER.
- 4 120V CONNECTION TO WATER FEATURE LIGHTING CONTROL PANEL.

ADD ALT #1 LEGEND NOTES

- A1 PROVIDE SNOW MELT SYSTEM EQUAL TO RAYCHEM ELECTROMELT WITHIN HATCHED AREA WITH 40W/SF DENSITY. PROVIDE TEMPERATURE BASED MULTI-CIRCUIT SNOWMELT CONTROLLER AND CONTACTOR PANEL WITH INTEGRAL GFCI PROTECTION LOCATED WITHIN EXISTING ELECTRICAL ROOM, EQUAL TO RAYCHEM ACS-30.
- A2 120V CONNECTION TO WATER HEATER. COORDINATE CONNECTION REQUIREMENTS WITH PLUMBING CONTRACTOR.

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GENERAL NOTES

GENERAL CONDITIONS

- A1 THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE AND ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER.
- A2 SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL.
- A3 IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING HIS BID, WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION, CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND ADJUSTED IN WRITING BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK. OTHERWISE, HE SHALL, AT HIS OWN EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN HIS WORK OR THE RESULTS OBTAINED THEREFROM, CAUSED BY SUCH DISCREPANCY.
- A4 WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
- A5 THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN EXACT DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE REQUIRED IN IMPROPERLY AND NOT POSITIONED ON IMPROPER CENTER-LINES OR AS REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER.
- A6 ALL WORK AND MATERIALS SHALL BE GUARANTEED FREE FROM DEFECTS FOR A MINIMUM PERIOD OF ONE YEAR UNLESS NOTED OTHERWISE. THE WARRANTY PERIOD SHALL BEGIN AT THE DATE OF BENEFICIAL OCCUPANCY OF THE FACILITY.
- A7 THE CONTRACTOR IS RESPONSIBLE FOR FILING AND PAYING ALL FEES AND OBTAINING NECESSARY PERMITS AND CERTIFICATES OF INSPECTION. THE CONTRACTOR SHALL DELIVER ALL CERTIFICATES OF INSPECTION TO OWNER/CONSTRUCTION MANAGER INCLUDING COPIES WITH MAINTENANCE MANUALS.
- A8 ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
- A9 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS.
- A10 ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO SWITCHGEAR, CONDUIT, WIRE, BOXES AND FITTINGS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS AND SHALL BEAR THE UL LABEL.
- A11 PROVIDE SHOP DRAWINGS FOR ENGINEER'S REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.
- ELECTRICAL EQUIPMENT**
- B1 PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT, APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS.
- B2 WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS.
- B3 CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER'S REPRESENTATIVE.
- B4 CONTRACTOR SHALL NOT USE PERMANENT INK WHEN MAKING FIELD MARKINGS OR TEMPORARY CIRCUIT LABELS ON PANELS. CONTRACTOR SHALL USE REMOVABLE TAPE/TAGS FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.
- CONDUIT & RACEWAY**
- C1 ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC., REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, COLUMNS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE; ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.
- C2 CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER N.E.C. AND FOR COORDINATION WITH OTHER DISCIPLINES.
- C3 CONTRACTOR SHALL PROVIDE AND INSTALL ADEQUATE SUPPORTS NECESSARY FOR THE RACEWAY SYSTEM. THIS INCLUDES BUT IS NOT LIMITED TO BLOCKING FOR SURFACE AND FLUSH MOUNTED PANELS. CONTRACTOR SHALL REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SIZES AND QUANTITIES OF ALL SUPPORTING MEANS.
- C4 PENETRATIONS OF WALLS, FLOORS, AND ROOFS FOR THE PASSAGE OF ELECTRICAL RACEWAYS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE WALL, FLOOR, OR ROOF SYSTEM PENETRATED.
- C5 THE CONTRACTOR SHALL SEAL ALL CONDUITS THAT PENETRATE THE FLOOR SLAB TO MAKE THEM WATER TIGHT. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE/CABLE AND SHALL BE SEALED AT TERMINATIONS.
- C6 ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. 483 "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS.
- C7 ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.
- BRANCH CIRCUITS AND FEEDERS**
- D1 UNLESS NOTED OTHERWISE, ALL CIRCUITS 100' OR LESS SHALL BE MINIMUM #12 AWG WIRE SIZE. CIRCUITS OVER 100' BUT LESS THAN 200' SHALL BE MINIMUM #10 AWG WIRE SIZE. CIRCUITS OVER 200' SHALL BE MINIMUM #8 AWG WIRE SIZE.
- D2 ALL POWER WIRING SHALL BE INSTALLED IN CONDUIT. CONDUCTOR SIZES #12 AWG AND SMALLER SHALL BE SOLID. CONDUCTOR SIZES #10 AWG AND LARGER MAY BE STRANDED.
- D3 A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS AN EQUIPMENT GROUNDING CONDUCTOR. USE APPROVED CABLING WITH REDUNDANT GROUNDING TO MEET N.E.C. 517.18. THIS SHALL APPLY TO ALL LIGHT SWITCHES, LIGHT FIXTURES, AND POWER RECEPTACLES WITHIN PATIENT CARE ROOMS.
- D4 CONTRACTOR SHALL GROUND ALL EQUIPMENT AND ELECTRICAL SYSTEM PER N.E.C.

WIRING DEVICES

- E1 CONTRACTOR SHALL COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO ELECTRICAL ROUGH-IN.
- E2 CONTRACTOR SHALL VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO ELECTRICAL ROUGH-IN.
- E3 MOUNT ALL RECEPTACLES THROUGHOUT THE PROJECT WITH THE GROUND POLE AT THE TOP OF THE CONFIGURATION WHEN MOUNTED VERTICALLY, AND ON THE RIGHT WHEN MOUNTED HORIZONTALLY.
- E4 ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE RATED 'WEATHER-PROOF-WHILE-IN-USE' AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION.
- E5 ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO DISABLING SURGES.
- LIGHTING SYSTEM**
- G1 ALL LIGHT FIXTURES SHALL BE INSTALLED WITH APPROPRIATE LAMPS AS INDICATED. FIXTURES SHALL ALSO BE INSTALLED WITH BALLASTS WHERE NECESSARY.
- MECHANICAL & PLUMBING COORDINATION**
- I1 CONTRACTOR SHALL REFERENCE THE PLUMBING DRAWINGS FOR ALL EQUIPMENT NEEDING ELECTRICAL CONNECTIONS. MAKE ALL CONNECTIONS AND PROVIDE APPROPRIATE WIRE, CONDUIT, AND OVERCURRENT PROTECTION FOR ALL EQUIPMENT.
- I2 DISCONNECTING MEANS FOR ALL PLUMBING EQUIPMENT SHALL BE MOUNTED INDEPENDENTLY OF THE EQUIPMENT.
- I3 CONTRACTOR SHALL COORDINATE MOTOR DISCONNECT AND CONTROL WITH PLUMBING DRAWINGS AND BETWEEN TRADES.

ELECTRICAL ABBREVIATIONS

AAP	AREA ALARM PANEL	WH	MANHOLE
AF	ABOVE FINISHED COUNTER	MLO	MAIN LUGS ONLY
AFB	ABOVE FINISHED FLOOR	MTD	MOUNT OR MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	N	NEW DEVICE
BFC	BELOW FINISHED CEILING	NC (N.C.)	NORMALLY CLOSED
BOF	BOTTOM OF FIXTURE	NEC	NATIONAL ELECTRIC CODE
C	CONDUIT	NF	NONFUSED
OB,C/B OR	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CKT BKR	CIRCUIT	NL	NIGHT LIGHT
CKT	CLOSED CIRCUIT T.V.	NO (N.O.)	NORMALLY OPEN
CLG	CEILING	PB	PULL BOX
CUH	CABINET HEATER	PNL	PANEL
EC	EMPTY CONDUIT	PWR	POWER
ELEC	ELECTRIC	RD	REMOVE DEVICES
E	EMERGENCY	R	RELOCATED DEVICE
EM	EMERGENCY MANAGEMENT SYSTEM	RL	RELOCATED DEVICE
EP	EXPLOSION PROOF	RCPT(S) OR	RECEPTACLE(S)
EW	ELECTRIC WATER COOLER	RECP	RECEPT
EX	EXISTING TO REMAIN	RF	RETURN AIR FAN
F	FIRE ALARM	SEF	SMOKE EXHAUST FAN
FA	FIRE ALARM CONTROL PANEL	SF	SUPPLY AIR FAN
FACP, FAP	FIRE ALARM CONTROL PANEL	SD (S.O.)	SPACE ONLY
FCU	FAN COIL UNIT	SP	SPARE
FIXT	FIXTURE	ST (S.T.)	SHUNT TRIP
FLR	FLOOR	SW	SWITCH
FLUOR	FLOURESCENT	TEL	TELEPHONE
FTR, FTS	FAN TERMINAL UNIT	TF	TRANSFER FAN
FTU	FAN TERMINAL UNIT	TP	TAMPER PROOF
FUT	FUTURE	TV	TELEVISION
G, GND	GROUND (EQUIPMENT)	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
GEF	GENERAL EXHAUST FAN	UF	UNDERFLOOR
GEN	GENERATOR	UG	UNDERGROUND
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
HP	HORSE POWER	UNO (U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
HV	HIGH VOLTAGE	V	VOLTAGE
HWAT	HEAT TRACE	VFD	VARIABLE FREQUENCY DRIVE
IC	INTERRUPTING CAPACITY	VP	VAPOR PROOF
ICAND	INCANDESCENT	VV	VARIABLE VOLUME UNIT
IG	ISOLATED GROUND	W	WIRE
JB	JUNCTION BOX	W/	WITH
KEF	KITCHEN EXHAUST FAN	WG	WIRE GUARD
LTG	LIGHTING	WP	WEATHER PROOF
LTS	LIGHTS	WT	WATER TIGHT
LV	LOW VOLTAGE	XFMR	TRANSFORMER
MATV	MASTER ANTENNA	xxx	MOUNTING HEIGHT IN INCHES AFF UNO.
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		
MCP	MAIN DISTRIBUTION PANEL		

KEY TO GENERAL NOTATIONS AND MOUNTING HEIGHTS

- 48" AFF INDICATES TO TOP OF DEVICE.
18" AFF INDICATES TO CENTER OF DEVICE.
60" AFF INDICATES TO BOTTOM OF DEVICE.
80" AFF INDICATES TO BOTTOM OF DEVICE.
ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE.
- ② - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"
- ⊖ - EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.
- ①②③④ - EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNER'S EQUIPMENT BOOK / FF&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.
- 02/E2.02 - DENOTES: REFERENCE 2 IN DRAWING (SHEET) E2.02
- 204 - FEEDER TAG. FEEDER SIZES ARE DETERMINED BY THE FEEDER SCHEDULE ON E6.00.

LIGHTING CONTROL SYSTEM COMMISSIONING

- LIGHTING CONTROL SYSTEM SHALL BE COMMISSIONED IN ACCORDANCE WITH 2012 INTERNATIONAL ENERGY CODE SECTION C408. A FUNCTIONAL TESTING REPORT PRODUCED BY A THIRD PARTY COMMISSIONING AGENT SHALL BE PROVIDED TO THE OWNER AND AUTHORITY HAVING JURISDICTION. IT IS THE RESPONSIBILITY OF THE COMMISSIONING AGENT TO PROVIDE COMMISSIONING SCOPE OF WORK AND DOCUMENTATION FOR THE LIGHTING CONTROL SYSTEM WHICH INCLUDES THE FOLLOWING:
- FUNCTIONAL TESTING TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - WHERE OCCUPANT SENSORS, TIME SWITCHES, PROGRAMMABLE SCHEDULE CONTROLS, PHOTOSENSORS OR DAYLIGHTING CONTROLS ARE INSTALLED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:
 - CONFIRM THAT THE PLACEMENT, SENSITIVITY AND TIME-OUT ADJUSTMENTS FOR OCCUPANT SENSORS YIELD ACCEPTABLE PERFORMANCE.
 - CONFIRM THAT THE TIME SWITCHES AND PROGRAMMABLE SCHEDULE CONTROLS ARE PROGRAMMED TO TURN THE LIGHTS OFF.
 - CONFIRM THAT THE PLACEMENT AND SENSITIVITY ADJUSTMENTS FOR PHOTOSENSOR CONTROLS REDUCE ELECTRIC LIGHT BASED ON THE AMOUNT OF USABLE DAYLIGHT IN THE SPACE AS SPECIFIED.
 - FUNCTIONAL TESTING REPORT.
- SEE 2012 IECC FOR COMPLETE LIST OF REQUIREMENTS.

WIRING DEVICE SYMBOLS LEGEND

SYMBOL	DESCRIPTION	MTG. HT. UNO
⊖	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
⊖	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
⊖	DUPLEX RCPT, GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
⊖	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
⊖	DISCONNECT SWITCH - 30/-/3 INDICATES 30A, NONFUSED, 3-POLE.	AS REQUIRED
⊖	CIRCUIT BREAKER DISCONNECT SWITCH - THERMAL MAGNETIC CB IN NEMA 1 ENCLOSURE; AMPS/POLES AS INDICATED	AS REQUIRED
⊖	MOTOR STARTER FMR UNO; NUMBER INDICATES NEMA SIZE	AS REQUIRED
⊖	COMBINATION MOTOR CONTROLLER/DISCONNECT SWITCH	AS REQUIRED
⊖	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQUIRED
⊖	MOTOR	-
⊖	208/120V PANELBOARD	-
⊖	480/277V PANELBOARD	-
⊖	DISTRIBUTION PANELBOARD	-
⊖	EQUIPMENT CONNECTION	-
⊖	CIRCUIT CONDUCTOR INDICATION (NEUTRAL, PHASE, EQUIPMENT GROUND, ISOLATED GROUND, SWITCH LEG)	-
⊖	CIRCUIT HOMERUN TO PANELBOARD (2#12, 1#12G, 3/4"C. 20A/1P CB UNO)	-
⊖	CONDUIT INSTALLED IN CEILING SPACE OF FLOOR BELOW.	-
X,X,X	THREE SINGLE POLE DEVICE CIRCUIT NUMBERS	-
X/X/X	MULTI-POLE DEVICE CIRCUIT NUMBERS	-

LIGHTING SYMBOLS LEGEND

SYMBOL	DESCRIPTION	MTG. HT. UNO
⊖	WALL MOUNTED FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
⊖	WALL MOUNTED FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
⊖	WALL MOUNTED FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
⊖	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
⊖	EXTERIOR LIGHT POLE FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
⊖	EXTERIOR LIGHT POLE FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
⊖	LANDSCAPE ACCENT LIGHT FIXTURE.	SEE FIXTURE SCHEDULE

PROJECT DESIGN CRITERIA

LOCATION:	
CITY/STATE	CASTLE ROCK, CO
APPLICABLE CODES:	
MECHANICAL	2012 IBC
PLUMBING	2012 IMC
ENERGY	2012 IPC
ELECTRICAL	2012 IECC
FIRE	2011 NEC
	2012 IFC/2010 NFPA 72
LATITUDE:	
DEG. N. LAT.	39°22'20"
ELEVATION:	
FT. ABOVE SEA LEVEL	6,224

LOT 3, THE MEADOWS FILING NO. 17 AREA NO. 1,
4TH AMENDMENT TO THE FINAL PD SITE PLAN
PROJECT NO. SDP #17-0027

ELECTRICAL NOTES + SCHEDULE
SHEET 12 OF 13

4th AMENDMENT TO THE FINAL PD SITE PLAN

FOR LOT 3, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

LUMINAIRE SCHEDULE - SITE		
TYPE	DESCRIPTION	QUANTITY OF FIXTURE
S1	<p>DESCRIPTION: SINGLE HEAD, ONE-PIECE CAST ALUMINUM HOUSING AND DOOR FRAME, POWDER COAT FINISH, FLAT GLASS LENS, TYPE III DISTRIBUTION WITH FULL CUTOFF OPTICS, ALL PARTS BRONZE FINISH. FIXTURE TO MATCH EXISTING FIXTURE ON SITE, NO SUBSTITUTIONS.</p> <p>LAMP(S): LED - 5,000LM MIN - 4000K BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: 11"-6" POLE ON 6" BASE MANF: KIM #ISA-SAR3P35-40L4K277-DB-VSF-15A</p>	1 NO. FIXTURE
S2	<p>DESCRIPTION: SINGLE HEAD, ONE-PIECE CAST ALUMINUM HOUSING AND DOOR FRAME, POWDER COAT FINISH, FLAT GLASS LENS, TYPE II DISTRIBUTION WITH FULL CUTOFF OPTICS, ALL PARTS BRONZE FINISH. FIXTURE TO MATCH EXISTING FIXTURE ON SITE, NO SUBSTITUTIONS.</p> <p>LAMP(S): LED - 5,000LM MIN - 4000K BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: 11"-6" POLE ON 6" BASE MANF: KIM #ISA-SAR2P35-40L4K277-DB-VSF-15A</p>	5 NO. FIXTURES
S3	<p>DESCRIPTION: 8" ROUND TOP CAST ALUMINUM LOUVERED BOLLARD, 36" TOTAL HEIGHT, 270 DEGREE LIGHT DISTRIBUTION. ALL PARTS BRONZE FINISH. TOP OF CONCRETE BASE SHALL BE FLUSH WITH TOP OF PAVERS. FIXTURE TO MATCH EXISTING FIXTURE ON SITE, NO SUBSTITUTIONS.</p> <p>LAMP(S): LED - 700LM MIN - 4000K BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: SURFACE MOUNTED MANF: KIM #VRB1-15L-4K-UV-DB</p>	8 NO. FIXTURES
S4	<p>DESCRIPTION: 8" ROUND TOP CAST ALUMINUM LOUVERED BOLLARD, 36" TOTAL HEIGHT, 360 DEGREE LIGHT DISTRIBUTION. ALL PARTS BRONZE FINISH. TOP OF CONCRETE BASE SHALL BE FLUSH WITH TOP OF PAVERS. FIXTURE TO MATCH EXISTING FIXTURE ON SITE, NO SUBSTITUTIONS.</p> <p>LAMP(S): LED - 700LM MIN - 4000K BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: SURFACE MOUNTED MANF: KIM #VRB1-20L-4K-UV-DB</p>	4 NO. FIXTURES
S5	<p>DESCRIPTION: 4.5IN DIAMETER SURFACE MOUNTED STEP LIGHT, CONCEALED FIXTURE WITH FULL CUTOFF, MOUNT TO FLUSH MOUNTED CAST IN-PLACE JUNCTION BOX, ALUMINUM GRAY FINISH.</p> <p>LAMP(S): LED - 160LM MIN - 4000K BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: SURFACE MOUNT - WALL - 12" AFG MANF: SISTEMALUX #S.6270N-JB-UNV-14</p>	7 NO. FIXTURES
S6	<p>DESCRIPTION: 8.3IN DIAMETER FLUSH MOUNT IN-GRADE LED LANDSCAPE ACCENT LIGHT, SUITABLE FOR DIRECT BURIAL OR CAST-IN-PLACE APPLICATIONS. ADJUSTABLE LED MODULE WITH 20 DEGREE MINIMUM TILT AND 360 DEGREE ROTATION, 30 DEGREE BEAM SPREAD, SLIP REDUCTION OPTICLEAR GLASS LENS, PRE-INSTALLATION BLOCKOUT.</p> <p>LAMP(S): LED - 1100LM MIN - 4300K - 80+CRI BALLAST(S): INTEGRAL LED DRIVER VOLTAGE: 277V INSTALLATION: FLUSH IN-GRADE MANF: LUMASCAPE #LS363LED-16W4-G-N-87-ME-23-Q-08, #S844-K-87-09</p>	6 NO. FIXTURES

KIM LIGHTING The Archetype® Small PicoPrism LED

TYPE APPROVALS

NOTES

FEATURES

- PicoPrism technology
- Full light cutoff
- Available in 5000m, 3000K, 4000K and 5000K
- Standard CCT
- Type 1, 2, 3, 4, 5, R, L standard distributions
- 0-10V dimming drivers standard
- IP65 certified

CERTIFICATIONS

SPECIFICATIONS

Approx. Weight = 30 lbs. 87A, 270 for 15A. See construction for additional files.

ORDERING CODE

Part Number	Quantity	Part Name	Notes
15A1	1	15A1 15W 500m 3000K	
15A2	1	15A2 15W 500m 4000K	
15A3	1	15A3 15W 500m 5000K	
15A4	1	15A4 15W 500m 3000K	
15A5	1	15A5 15W 500m 4000K	
15A6	1	15A6 15W 500m 5000K	
15A7	1	15A7 15W 500m 3000K	
15A8	1	15A8 15W 500m 4000K	
15A9	1	15A9 15W 500m 5000K	
15A10	1	15A10 15W 500m 3000K	
15A11	1	15A11 15W 500m 4000K	
15A12	1	15A12 15W 500m 5000K	
15A13	1	15A13 15W 500m 3000K	
15A14	1	15A14 15W 500m 4000K	
15A15	1	15A15 15W 500m 5000K	

INSTALLATION OPTIONS

VRB1 Vertical Bollard Mount

VSB Vertical Step Mount

VRB2 Vertical Bollard Mount

VSB2 Vertical Step Mount

VRB3 Vertical Bollard Mount

VSB3 Vertical Step Mount

VRB4 Vertical Bollard Mount

VSB4 Vertical Step Mount

VRB5 Vertical Bollard Mount

VSB5 Vertical Step Mount

VRB6 Vertical Bollard Mount

VSB6 Vertical Step Mount

VRB7 Vertical Bollard Mount

VSB7 Vertical Step Mount

VRB8 Vertical Bollard Mount

VSB8 Vertical Step Mount

VRB9 Vertical Bollard Mount

VSB9 Vertical Step Mount

VRB10 Vertical Bollard Mount

VSB10 Vertical Step Mount

VRB11 Vertical Bollard Mount

VSB11 Vertical Step Mount

VRB12 Vertical Bollard Mount

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VRB75 Vertical Bollard Mount

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VRB76 Vertical Bollard Mount

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VRB77 Vertical Bollard Mount

VSB77 Vertical Step Mount

VRB78 Vertical Bollard Mount

VSB78 Vertical Step Mount

VRB79 Vertical Bollard Mount

VSB79 Vertical Step Mount

VRB80 Vertical Bollard Mount

VSB80 Vertical Step Mount

VRB81 Vertical Bollard Mount

VSB81 Vertical Step Mount

VRB82 Vertical Bollard Mount

VSB82 Vertical Step Mount

VRB83 Vertical Bollard Mount

VSB83 Vertical Step Mount

VRB84 Vertical Bollard Mount

VSB84 Vertical Step Mount

VRB85 Vertical Bollard Mount

VSB85 Vertical Step Mount

VRB86 Vertical Bollard Mount

VSB86 Vertical Step Mount

VRB87 Vertical Bollard Mount

VSB87 Vertical Step Mount

VRB88 Vertical Bollard Mount

VSB88 Vertical Step Mount

VRB89 Vertical Bollard Mount

VSB89 Vertical Step Mount

VRB90 Vertical Bollard Mount

VSB90 Vertical Step Mount

VRB91 Vertical Bollard Mount

VSB91 Vertical Step Mount

VRB92 Vertical Bollard Mount

VSB92 Vertical Step Mount

VRB93 Vertical Bollard Mount

VSB93 Vertical Step Mount

VRB94 Vertical Bollard Mount

VSB94 Vertical Step Mount

VRB95 Vertical Bollard Mount

VSB95 Vertical Step Mount

VRB96 Vertical Bollard Mount

VSB96 Vertical Step Mount

VRB97 Vertical Bollard Mount

VSB97 Vertical Step Mount

VRB98 Vertical Bollard Mount

VSB98 Vertical Step Mount

VRB99 Vertical Bollard Mount

VSB99 Vertical Step Mount

VRB100 Vertical Bollard Mount

VSB100 Vertical Step Mount

KIM LIGHTING VRB1 LED Round Bollard

Single Function, Vandal-Resistant, Aluminum Shaft

revision: 8/7/14 • UL, vhl141, spec.pdf

TYPE APPROVALS

NOTES

FEATURES

- Die-cast aluminum housing
- Tempered glass lens
- Aluminum shaft
- IP65 certified

CERTIFICATIONS

SPECIFICATIONS

VRB1-LED Models
10"-20" Dia

VRB1 - Single Function Luminaire (Aluminum Shaft)
Maximum weight: 30 lb

ORDERING CODE

Part Number	Quantity	Part Name	Notes
VRB1-10	1	VRB1-10 10" Dia 3000K	
VRB1-10	1	VRB1-10 10" Dia 4000K	
VRB1-10	1	VRB1-10 10" Dia 5000K	
VRB1-15	1	VRB1-15 15" Dia 3000K	
VRB1-15	1	VRB1-15 15" Dia 4000K	
VRB1-15	1	VRB1-15 15" Dia 5000K	
VRB1-20	1	VRB1-20 20" Dia 3000K	
VRB1-20	1	VRB1-20 20" Dia 4000K	
VRB1-20	1	VRB1-20 20" Dia 5000K	

INSTALLATION OPTIONS

VRB1 Vertical Bollard Mount

VRB2 Vertical Bollard Mount

VRB3 Vertical Bollard Mount

VRB4 Vertical Bollard Mount

VRB5 Vertical Bollard Mount

VRB6 Vertical Bollard Mount

VRB7 Vertical Bollard Mount

VRB8 Vertical Bollard Mount

VRB9 Vertical Bollard Mount

VRB10 Vertical Bollard Mount

VRB11 Vertical Bollard Mount

VRB12 Vertical Bollard Mount

VRB13 Vertical Bollard Mount

VRB14 Vertical Bollard Mount

VRB15 Vertical Bollard Mount

VRB16 Vertical Bollard Mount

VRB17 Vertical Bollard Mount

VRB18 Vertical Bollard Mount

VRB19 Vertical Bollard Mount

VRB20 Vertical Bollard Mount

VRB21 Vertical Bollard Mount

VRB22 Vertical Bollard Mount

VRB23 Vertical Bollard Mount

VRB24 Vertical Bollard Mount

VRB25 Vertical Bollard Mount

VRB26 Vertical Bollard Mount

VRB27 Vertical Bollard Mount

VRB28 Vertical Bollard Mount

VRB29 Vertical Bollard Mount

VRB30 Vertical Bollard Mount

VRB31 Vertical Bollard Mount

VRB32 Vertical Bollard Mount

VRB33 Vertical Bollard Mount

VRB34 Vertical Bollard Mount

VRB35 Vertical Bollard Mount

VRB36 Vertical Bollard Mount

VRB37 Vertical Bollard Mount

VRB38 Vertical Bollard Mount

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VRB40 Vertical Bollard Mount

VRB41 Vertical Bollard Mount

VRB42 Vertical Bollard Mount

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VRB81 Vertical Bollard Mount

VRB82 Vertical Bollard Mount

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VRB86 Vertical Bollard Mount

VRB87 Vertical Bollard Mount

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VRB89 Vertical Bollard Mount

VRB90 Vertical Bollard Mount

VRB91 Vertical Bollard Mount

VRB92 Vertical Bollard Mount

VRB93 Vertical Bollard Mount

VRB94 Vertical Bollard Mount

VRB95 Vertical Bollard Mount

VRB96 Vertical Bollard Mount

VRB97 Vertical Bollard Mount

VRB98 Vertical Bollard Mount

VRB99 Vertical Bollard Mount

VRB100 Vertical Bollard Mount

KIM LIGHTING MINI SKILL ROUND

LED

revision: 8/7/14 • UL, vhl141, spec.pdf

TYPE APPROVALS

NOTES

FEATURES

- Die-cast aluminum housing
- Tempered glass lens
- Aluminum shaft
- IP65 certified

CERTIFICATIONS

SPECIFICATIONS

MINI SKILL ROUND Models
10"-20" Dia

MINI SKILL ROUND - Single Function Luminaire (Aluminum Shaft)
Maximum weight: 30 lb

ORDERING CODE

Part Number	Quantity	Part Name	Notes
MSR1-10	1	MSR1-10 10" Dia 3000K	
MSR1-10	1	MSR1-10 10" Dia 4000K	
MSR1-10	1	MSR1-10 10" Dia 5000K	
MSR1-15	1	MSR1-15 15" Dia 3000K	
MSR1-15	1	MSR1-15 15" Dia 4000K	
MSR1-15	1	MSR1-15 15" Dia 5000K	
MSR1-20	1	MSR1-20 20" Dia 3000K	
MSR1-20	1	MSR1-20 20" Dia 4000K	
MSR1-20	1	MSR1-20 20" Dia 5000K	

INSTALLATION OPTIONS

MSR1 Mini Skill Round Mount

MSR2 Mini Skill Round Mount

MSR3 Mini Skill Round Mount

MSR4 Mini Skill Round Mount

MSR5 Mini Skill Round Mount

MSR6 Mini Skill Round Mount

MSR7 Mini Skill Round Mount

MSR8 Mini Skill Round Mount

MSR9 Mini Skill Round Mount

MSR10 Mini Skill Round Mount

MSR11 Mini Skill Round Mount

MSR12 Mini Skill Round Mount

MSR13 Mini Skill Round Mount

MSR14 Mini Skill Round Mount

MSR15 Mini Skill Round Mount

MSR16 Mini Skill Round Mount

MSR17 Mini Skill Round Mount

MSR18 Mini Skill Round Mount

MSR19 Mini Skill Round Mount

MSR20 Mini Skill Round Mount

MSR21 Mini Skill Round Mount

MSR22 Mini Skill Round Mount

MSR23 Mini Skill Round Mount

MSR24 Mini Skill Round Mount

MSR25 Mini Skill Round Mount

MSR26 Mini Skill Round Mount

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MSR92 Mini Skill Round Mount

MSR93 Mini Skill Round Mount

MSR94 Mini Skill Round Mount

MSR95 Mini Skill Round Mount

MSR96 Mini Skill Round Mount

MSR97 Mini Skill Round Mount

MSR98 Mini Skill Round Mount

MSR99 Mini Skill Round Mount

MSR100 Mini Skill Round Mount

TYPE S1/S2 - Pole Mounted Lights

LIGHTING OPERATION: ALL SITE LIGHTING WITHIN THE GARDEN ARE ACTIVATED ON A DUSK TO DAWN LIGHT SENSOR. SITE LIGHTING WITH THE LIFE SAFETY DESIGNATION WILL OPERATE WHEN THERE IS A LOSS OF POWER.

TYPE S3 / S4 - Bollard Lighting

TYPE S5 - Seat Wall Lighting

THE FOLLOWING LIGHTING TYPES ARE PROHIBITED: FORWARD THROW (TYPE IV) DISTRIBUTION, POLE MOUNTED LIGHTS AIMED AT THE BUILDING'S FACADE & UNSHIELDED WALL PACKS

LUMASCAPE

LS363LED

Ingrade

Specifications

Lamp Source: 16 LED
 □ Warm white (3000 K typical)
 □ Warm white (3500 K typical)
 □ Warm white (2700 K typical)
 □ Blue (470 nm)
 Other color to request

Approved Use: Suitable for wet locations
 Suitable for use in poured concrete
 Ingress protected

Lumen Maintenance (LT80): > 50,000 hrs
 Limited by TM-27 test suite

IP Rating: IP68

Construction: 316 stainless grade stainless steel

Installation Types: Pre-Installation Blockout
 Concrete pour, drive-over & general use applications
 Direct Burial
 Landscapes, planters & special applications (consult factory)

Drive-over: With OptiClear™ lens and pre-installation blockout LS644-K

Static Load Rating: 6000 to 15000 lbf with OptiClear™ lens and pre-installation blockout LS644-K
 (Load applied to center of glass across a 2" diameter area)

Impact Rating: IK10 with OptiClear™ lens

Standard Inclusions: Teflon coated cover screws
 MicroAntiLeach™ wire mesh

Accessories: LS644-K pre-installation blockout
 LS645 Inset or gill
 Pole cap with direct burial, measured cover open only

Ambient Operating Temperature: -22 °F to 122 °F (-30 °C to +50 °C)

Surface Temperature: ≤115 °F (45 °C)

Photometrics: Refer to luminaire data sheet
 Any luminaire can become hot - take care with appropriate use and placement

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