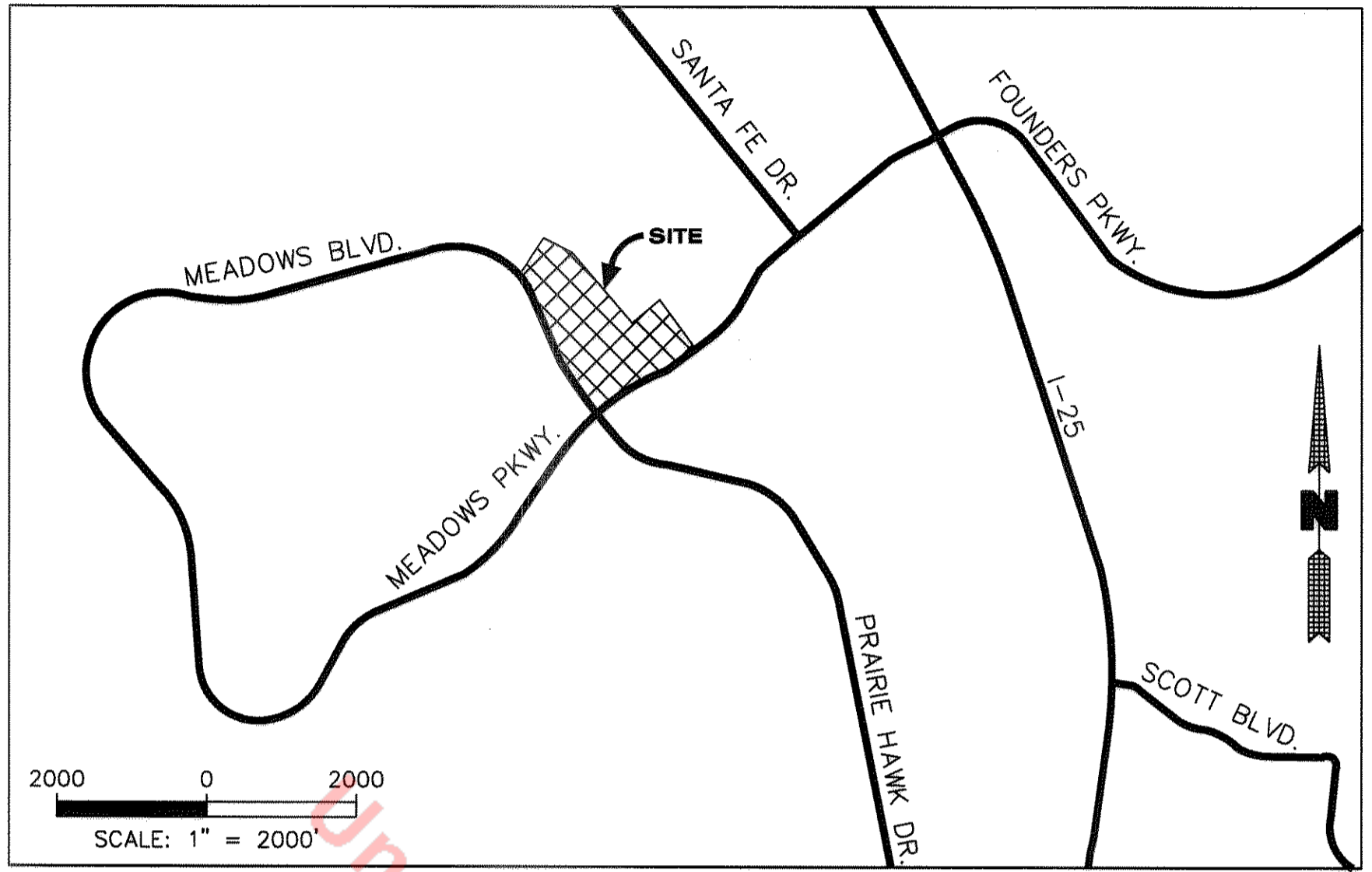


1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, 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 15% FEE.
 2. PURSUANT TO SECTION 4.3E AND 8.2.3A OF THE TOWN OF CASTLE ROCK LANDSCAPE REGULATIONS THE PROPERTY OWNER, SUBSEQUENT OWNERS, HEIRS, SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE AREA SUBJECT TO THE APPROVED SITE DEVELOPMENT PLAN. LANDSCAPING WITHIN PUBLIC RIGHTS-OF-WAY IS TO BE MAINTAINED BY THE ADJACENT PRIVATE PROPERTY OWNER OR THE HOMEOWNER/PROPERTY OWNER ASSOCIATION, AS 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 MAPS NUMBER 08035C0167F AND 08035C0168F, 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 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 THIS 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. THE PURPOSE/USE OF ALL TRACTS AND THE DEDICATION OF ALL TRACTS (TO WHOM THE TRACTS WILL BE DEDICATED WITH THE PLAT AND WHO WILL BE RESPONSIBLE FOR MAINTENANCE).
 10. ALL UTILITY, DRAINAGE, EMERGENCY ACCESS, SIGHT DISTANCE AND PUBLIC ACCESS/TRAIL EASEMENTS AS SHOWN ON THE SITE DEVELOPMENT PLAN SHALL BE GRANTED TO THE TOWN OF CASTLE ROCK WITH THE PLAT.
 11. THIS SITE IS ZONED C-0-1.
 12. ALL EMERGENCY ACCESS ROADS, EMERGENCY ACCESS GATES AND SIGNAGE SHALL COMPLY WITH THE TOWN OF CASTLE ROCK FIRE DEPARTMENT REQUIREMENTS AND SHALL BE MAINTAINED BY METROPOLITAN DISTRICT, HOMEOWNERS ASSOCIATION, OR OTHER PROPERTY MANAGEMENT ENTITY.
 13. 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 STREET LIGHTS, 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.
- FIRE NOTES**
1. IF FIRE APPARATUS ACCESS ROADS OR WATER SUPPLY FOR FIRE PROTECTION IS REQUIRED TO BE INSTALLED, SUCH PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO VERTICAL CONSTRUCTION.
 2. FIRE HYDRANT(S) ARE REQUIRED TO BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION.
 3. APPROVED FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING OR PORTION OF A BUILDING CONSTRUCTED OR MOVED INTO, OR WITHIN THE JURISDICTION. THE FIRE APPARATUS ACCESS ROAD SHALL EXTEND TO WITHIN 150 FEET OF ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.
 4. DEAD-END FIRE ACCESS ROADS IN EXCESS OF 150 FEET SHALL PROVIDE AN APPROVED AREA FOR TURNING AROUND FIRE APPARATUS.
 5. FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FEET, EXCLUSIVE OF SHOULDERS, EXCEPT FOR APPROVED SECURITY GATES AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET, 6 INCHES.
 6. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS, AND SHALL BE SURFACED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. THE TERM ALL-WEATHER DRIVING CAPABILITIES HAS BEEN INTERPRETED TO MEAN EITHER CONCRETE OR ASPHALT, OR OTHER APPROVED DRIVING SURFACE DESIGNED BY AN ENGINEER AND APPROVED BY THE FIRE DEPARTMENT.
 7. "NO PARKING FIRE LANE" SIGNS ARE REQUIRED IN AREAS THAT MEET THE FOLLOWING CRITERIA AND IN AREAS DESIGNATED BY THE FIRE PREVENTION BUREAU. SIGNS SHALL BE POSTED ON BOTH SIDES OF FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS AND DRIVEWAYS LESS THAN 26 FEET WIDE. SIGNS SHALL BE POSTED ON ONE SIDE ONLY OF FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS BETWEEN 26 FEET WIDE AND 32 FEET WIDE. NO SIGNAGE IS REQUIRED FOR FIRE ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS GREATER THAN OR EQUAL TO 32 FEET WIDE.
REVISED: 8/26/2013
 8. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN DRIVE LANES FOR EMERGENCY VEHICLE INGRESS AND EGRESS, INCLUDING SNOW REMOVAL.



VICINITY MAP

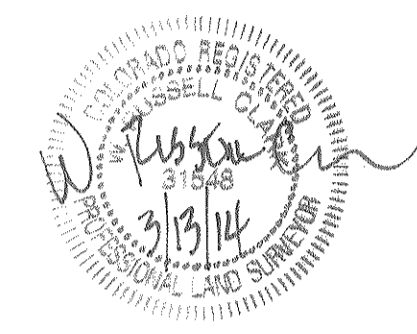
PURPOSE STATEMENT

THE PURPOSE OF THIS AMENDMENT IS TO CONSTRUCT AN ADDITIONAL MEDICAL OFFICE BUILDING AND PROVIDE ASSOCIATED PARKING FOR THE HOSPITAL CAMPUS.

SHEET INDEX			
SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE
1	COVER SHEET	13	IRRIGATION DETAILS
2	NOTES	14	IRRIGATION DETAILS
3	SITE PLAN	15	IRRIGATION DETAILS
4	GRADING PLAN	16	IRRIGATION CHARTS
5	GRADING PLAN	17	IRRIGATION CHARTS
6	UTILITY PLAN	18	BUILDING ELEVATIONS
7	LANDSCAPE PLAN	19	BUILDING ELEVATIONS
8	LANDSCAPE PLAN	20	BUILDING ELEVATIONS
9	LANDSCAPE NOTES & SCHEDULE	21	OVERALL ELECTRICAL SITE PLAN
10	IRRIGATION NOTES & SCHEDULE	22	PHOTOMETRIC SITE PLAN
11	IRRIGATION PLAN	23	PHOTOMETRIC SITE PLAN - REMOTE PARKING
12	IRRIGATION PLAN		

SURVEYOR'S CERTIFICATE:

I, W. Russell Clark, 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 ACCURATELY REPRESENTS THAT SURVEY.



W. RUSSELL CLARK
 COLORADO PROFESSIONAL LAND SURVEYOR NO. 31548
 CLARK LAND SURVEYING, INC.

OWNERSHIP CERTIFICATION:

THE UNDERSIGNED ARE ALL OF THE OWNERS OF CERTAIN LANDS DESCRIBED HEREON IN THE TOWN OF CASTLE ROCK.

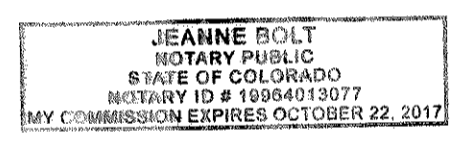
Portercare Adventist Health System, A COLORADO, NON-PROFIT CORPORATION

SIGNED THIS 6th DAY OF March, 2014

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME THIS 6th DAY OF March, 2014

BY Jane Best
 NOTARY PUBLIC



MY COMMISSION EXPIRES 10-22-2017

TITLE CERTIFICATION:

I, Brenda Kidd, AN AUTHORIZED REPRESENTATIVE OF Stewart Title, A TITLE INSURANCE COMPANY LICENSED TO DO BUSINESS IN THE STATE OF COLORADO, MADE AN EXAMINATION OF THE PUBLIC RECORDS AND STATE THAT ALL OWNERS, MORTGAGEES AND LIENHOLDERS OF THE PROPERTY ARE LISTED IN THE CERTIFICATE OF OWNERSHIP AND LIENHOLDER SUBORDINATION CERTIFICATE

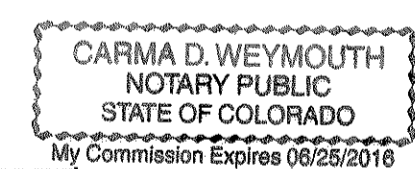
BY Brenda Kidd
 AUTHORIZED REPRESENTATIVE

SIGNED THIS 5th DAY OF March, 2014

NOTARY BLOCK

SUBSCRIBED AND SWORN TO BEFORE ME THIS 5th DAY OF March, 2014

BY Carma D. Weymouth
 NOTARY PUBLIC



MY COMMISSION EXPIRES 08/25/2016

LEGAL DESCRIPTION:

A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1, TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

WATER RIGHTS DEDICATION AGREEMENT:

THE PROVISION OF MUNICIPAL WATER TO THIS SUBDIVISION IS SUBJECT TO THE TERMS AND CONDITIONS OF THE MEADOWS (FOURTH AMENDMENT) DEVELOPMENT AGREEMENT RECORDED JULY 10, 2003 AND RECEPTION NO. 2003102970, AND ACCORDINGLY, 7.67 SFE ARE DEBITED FROM THE WATER BANK FOR PHASE 1B.

CIVIL ENGINEER CERTIFICATION:

I, JASON CARR, BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF COLORADO, DO HEREBY ATTEST THAT ALL GRADING, UTILITY AND DRAINAGE IMPROVEMENTS IDENTIFIED ON LOTS 3 AND 4, THE MEADOWS FILING NO. 17, AREA NO. 1 HAVE BEEN DESIGNED AND ENGINEERED IN CONFORMANCE WITH ALL TOWN OF CASTLE ROCK PUBLIC WORKS CONSTRUCTION STANDARDS.



JASON D. CARR
 CO# 33854
 DATE: 2-20-2014

TOWN CERTIFICATION:

THIS FINAL PD SITE PLAN AMENDMENT WAS APPROVED BY THE TOWN OF CASTLE ROCK, COLORADO, ON THE 21st DAY OF March, 2014.

BY [Signature]
 DIRECTOR OF DEVELOPMENT SERVICES
 DATE: 3/2/14

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 10:13 AM/PM ON THE 25th DAY OF March, 2014 AT RECEPTION NO. 201404183

BY [Signature]
 DEPUTY



CONTACTS:

OWNER/DEVELOPER	CONTRACTOR	CIVIL ENGINEER	ARCHITECT	SURVEYOR
FRAUNSHUH CASTLE ROCK LLC C/O FRAUNENSHUH, INC 7101 W. 78TH ST. SUITE 100 MINNEAPOLIS, MN 55439 952.829.3489 PHONE 952.829.3481 FAX	G.E. JOHNSON CONSTRUCTION COMPANY 25 N. CASCADE AVE. SUITE 400 COLORADO SPRINGS, CO 80903 719.473.5321 PHONE 719.473.5324 FAX	S.A. MIRO, INC. 4582 S. ULSTER ST. PKWY. SUITE 300 DENVER, CO 80237-2639 303.741.3737 PHONE 303.694.3134 FAX	BOULDER ASSOCIATES 1426 PEARL ST. SUITE 400 BOULDER, CO 80302 303.499.7795 PHONE 303.499.7767 FAX	CLARK LAND SURVEYING, INC. 119 N WAHSATCH AVENUE COLORADO SPRINGS, COLORADO 80903 719.633.8533 PHONE 719.633.8822 FAX
LANDSCAPE ARCHITECT	MEP ENGINEER			
OUELLETTE DESIGN ENVIRONMENTAL LANDWORKS COMPANY, INC. 10260 W. 44TH AVE WHEAT RIDGE, CO 80033 303.862.9480 PHONE 720.542.9164 FAX	CCRD 6400 S. FIDDLER'S GREEN CIRCLE SUITE 1150 GREENWOOD VILLAGE, CO 80111 303.694.4755 PHONE 303.694.5125 FAX			

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



Know what's below.
 Call before you dig.



SUBMITTAL DATE: 02/14/14
 CASTLE ROCK ADVENTIST HEALTH CAMPUS

MOB 2, PHASE 1B
 1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1

FPD #10-0005
 COVER SHEET
 SHEET 1 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

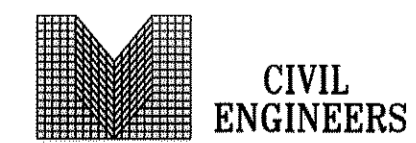
LAND USE SUMMARY:	FPD 10-0002	FPD 11-0003	FPD 12-0002	FPD 10-0005	FPD 10-0005	TOTALS
	PHASE IA	PHASE IIA	PHASE IIB	PHASE IB (LOT 3)	PHASE IB (LOT 4)	
1. MAXIMUM GROSS FLOOR AREA:	22,854 SQ.FT.	210,339 SQ.FT.	61,800 SQ.FT.	61,800 SQ.FT.	-	294,993 SQ.FT.
GROSS LEASABLE AREA (@95% OF GFA):	21,711 SQ.FT.	199,822 SQ.FT.	57,000 SQ.FT.	57,000 SQ.FT.	-	278,533 SQ.FT.
BUILDING FOOTPRINT:	22,979 SQ.FT.	63,166 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. (3.6%)	20,100 SQ.FT. (3.6%)	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%)	34,143 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					

* 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.

Official Copy



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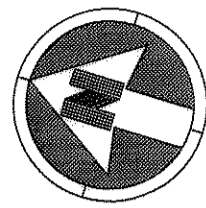
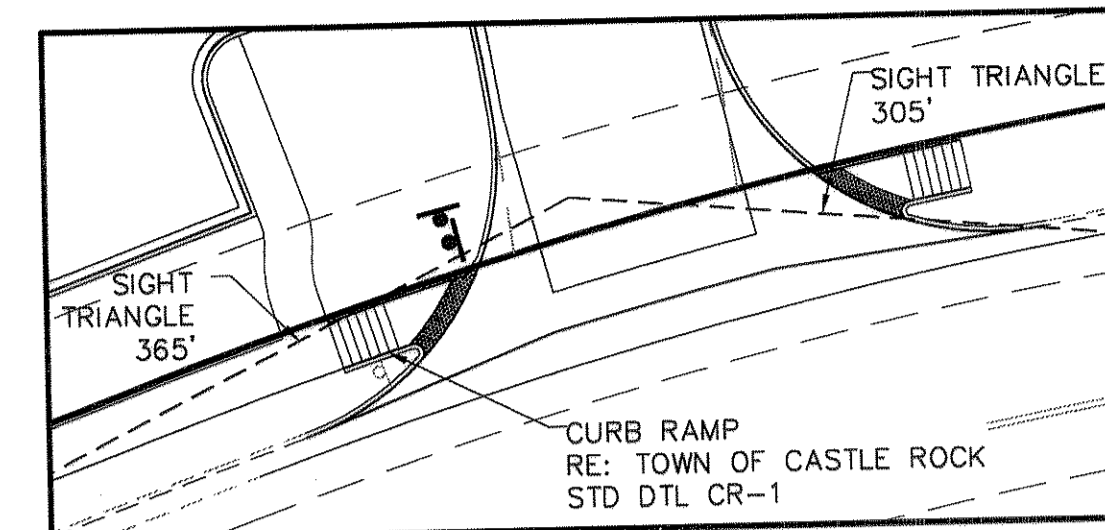


S. A. MIRO, INC.
CONSULTING ENGINEERS
4582 South Ulster Street Pkwy.
Suite 300 Denver, CO 80237
ph. 303 741 3737
fax 303 694 3134

SUBMITTAL DATE: 02/14/14
 CASTLE ROCK ADVENTIST HEALTH CAMPUS
 MOB 2, PHASE IB
 1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
 LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
 FPD #10-0005
 NOTES
 SHEET 2 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



SCALE: 1" = 50'

LEGEND:

- EXISTING CURB AND GUTTER
- EXISTING SIDEWALK
- EXISTING EASEMENT
- EXISTING WALL
- EXISTING FENCE
- EXISTING SIGN
- EXISTING LIGHT
- EXISTING PROPERTY LINE
- EXISTING SECTION LINE
- PROPOSED CURB AND GUTTER
- PROPOSED EASEMENT
- PROPOSED SIDEWALK
- PROPOSED WALL
- PROPOSED SIGN
- PROPOSED LIGHT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED GRAVEL PAVEMENT
- PARKING STALL COUNT 9'X18' MINIMUM DIMENSIONS
- PROPOSED "HANDICAP PARKING" SIGN

NOTES:

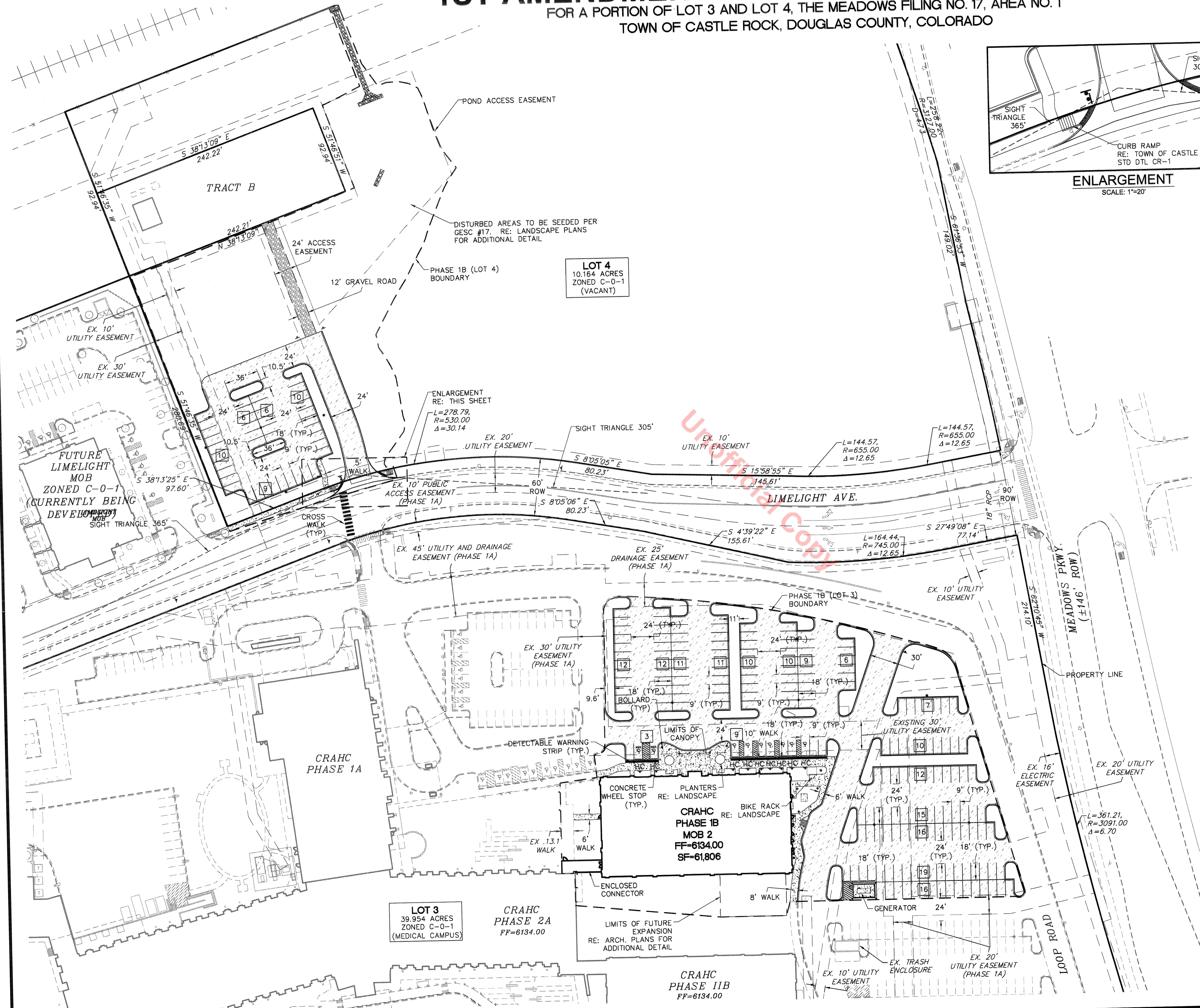
1. LIGHT LOCATIONS SHOWN ON THIS PLAN ARE PRELIMINARY & WILL BE FINALIZED ON THE CONSTRUCTION DRAWINGS.
2. THE PHASE 1B MOB WILL SHARE TRASH FACILITIES WITH THE EXISTING PHASE 1B MOB.
3. CONTRACTOR TO MAINTAIN UNINTERRUPTED ACCESS TO PUMP HOUSE DURING CONSTRUCTION.

CRAHC = CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB = MEDICAL OFFICE BUILDING

CIVIL ENGINEERS
S. A. MIRO, INC.
CONSULTING ENGINEERS
4582 South Ulster Street Pkwy.
Suite 300 Denver, CO 80237
ph. 303 741 3737
fax 303 694 3134

SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B

1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FFD #10-0005
SITE PLAN
SHEET 3 OF 23



LOT 4
10.164 ACRES
ZONED C-0-1
(VACANT)

LOT 3
39.954 ACRES
ZONED C-0-1
(MEDICAL CAMPUS)

CRAHC PHASE 1B MOB 2
FF=6134.00
SF=61,806

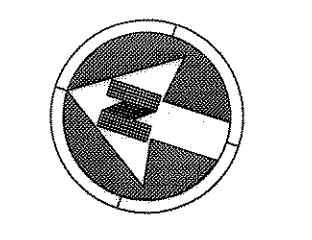
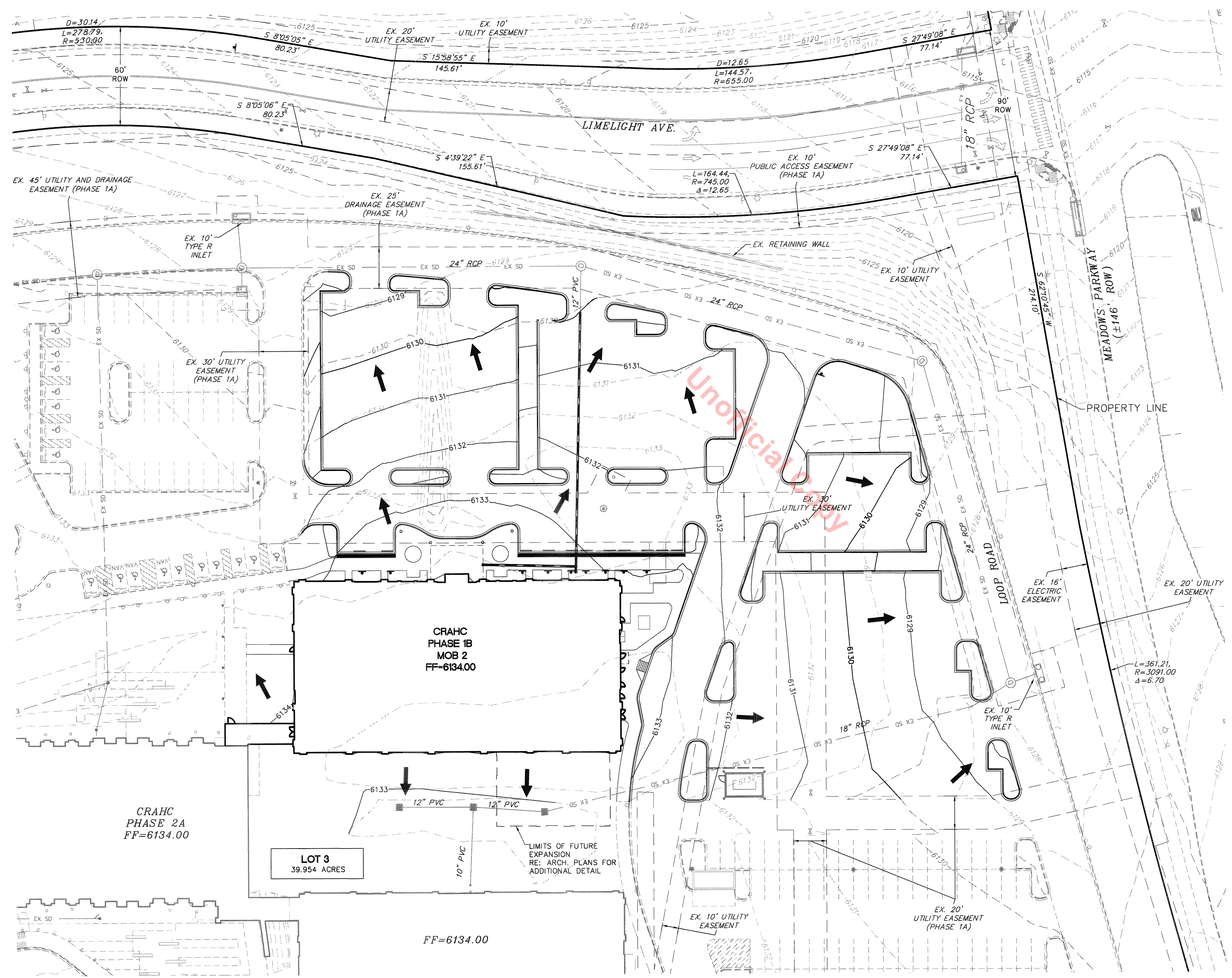
CRAHC PHASE 1A

CRAHC PHASE 2A
FF=6134.00

CRAHC PHASE 1IB
FF=6134.00

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



30 0 30
SCALE: 1" = 30'

LEGEND:

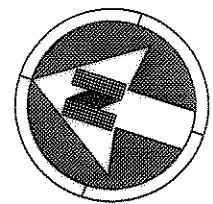
	EXISTING MINOR CONTOURS
	EXISTING MAJOR CONTOURS
	EXISTING SPOT ELEVATION
	PROPOSED MINOR CONTOURS
	PROPOSED MAJOR CONTOURS
	PROPOSED SPOT ELEVATION
	EXISTING STORM LINE
	EXISTING STORM INLET
	EXISTING STORM MANHOLE
	PROPOSED STORM LINE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE

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SUBMITTAL DATE: 02/14/14
 CASTLE ROCK ADVENTIST HEALTH CAMPUS
 MOB 2, PHASE 1B
 1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
 LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
 FPD #10-0005
GRADING PLAN
SHEET 4 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



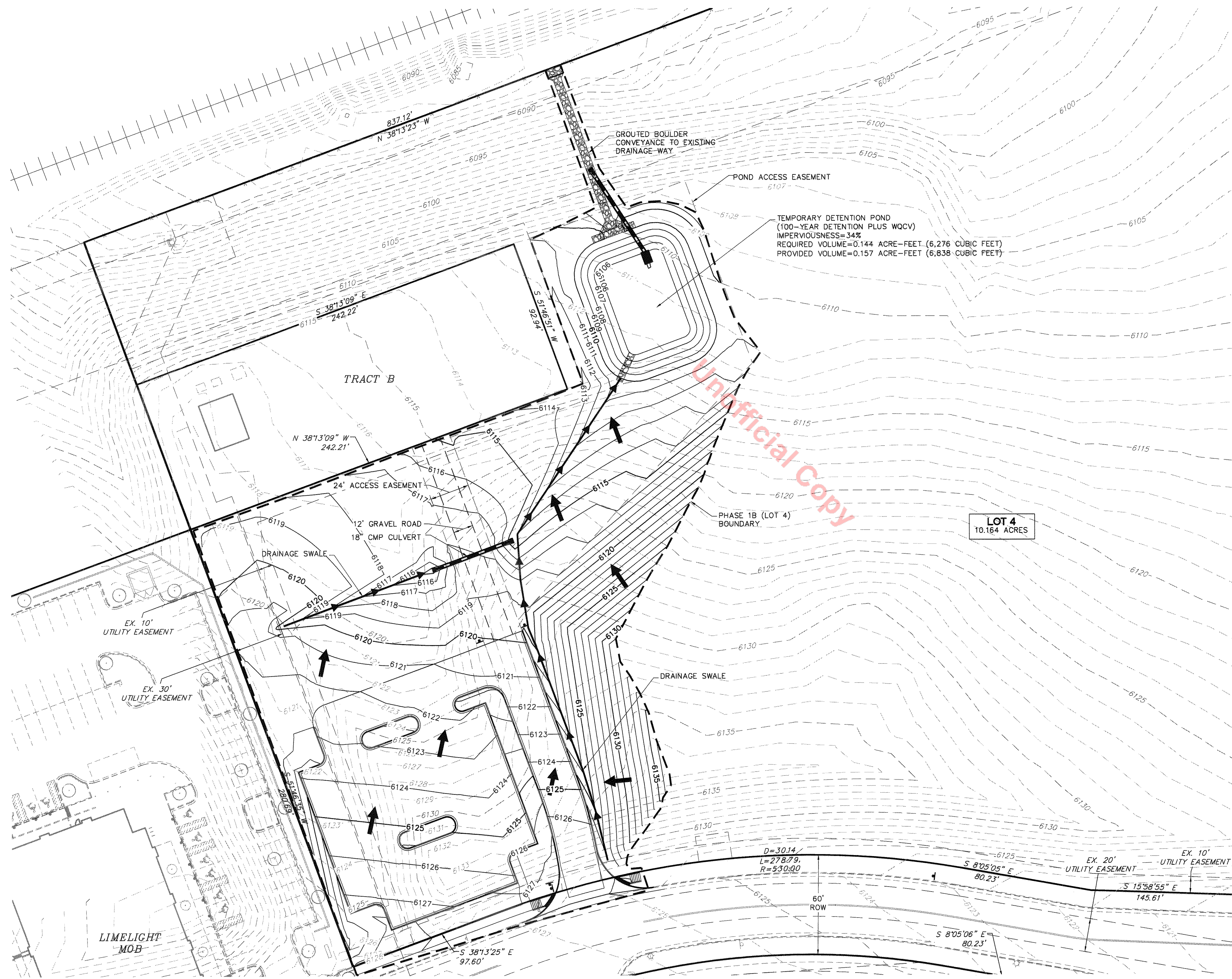
30 0 30
SCALE: 1" = 30'

LEGEND:

- 5,343 --- EXISTING MINOR CONTOURS
- 5,345 --- EXISTING MAJOR CONTOURS
- 43.50 --- EXISTING SPOT ELEVATION
- 5,343 --- PROPOSED MINOR CONTOURS
- 5,345 --- PROPOSED MAJOR CONTOURS
- 43.50 --- PROPOSED SPOT ELEVATION
- EX SD --- EXISTING STORM LINE
- EX S I --- EXISTING STORM INLET
- EX S M --- EXISTING STORM MANHOLE
- PROPOSED STORM LINE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE

NOTES:

1. CONTRACTOR TO MAINTAIN UNINTERRUPTED ACCESS TO PUMP HOUSE DURING CONSTRUCTION.

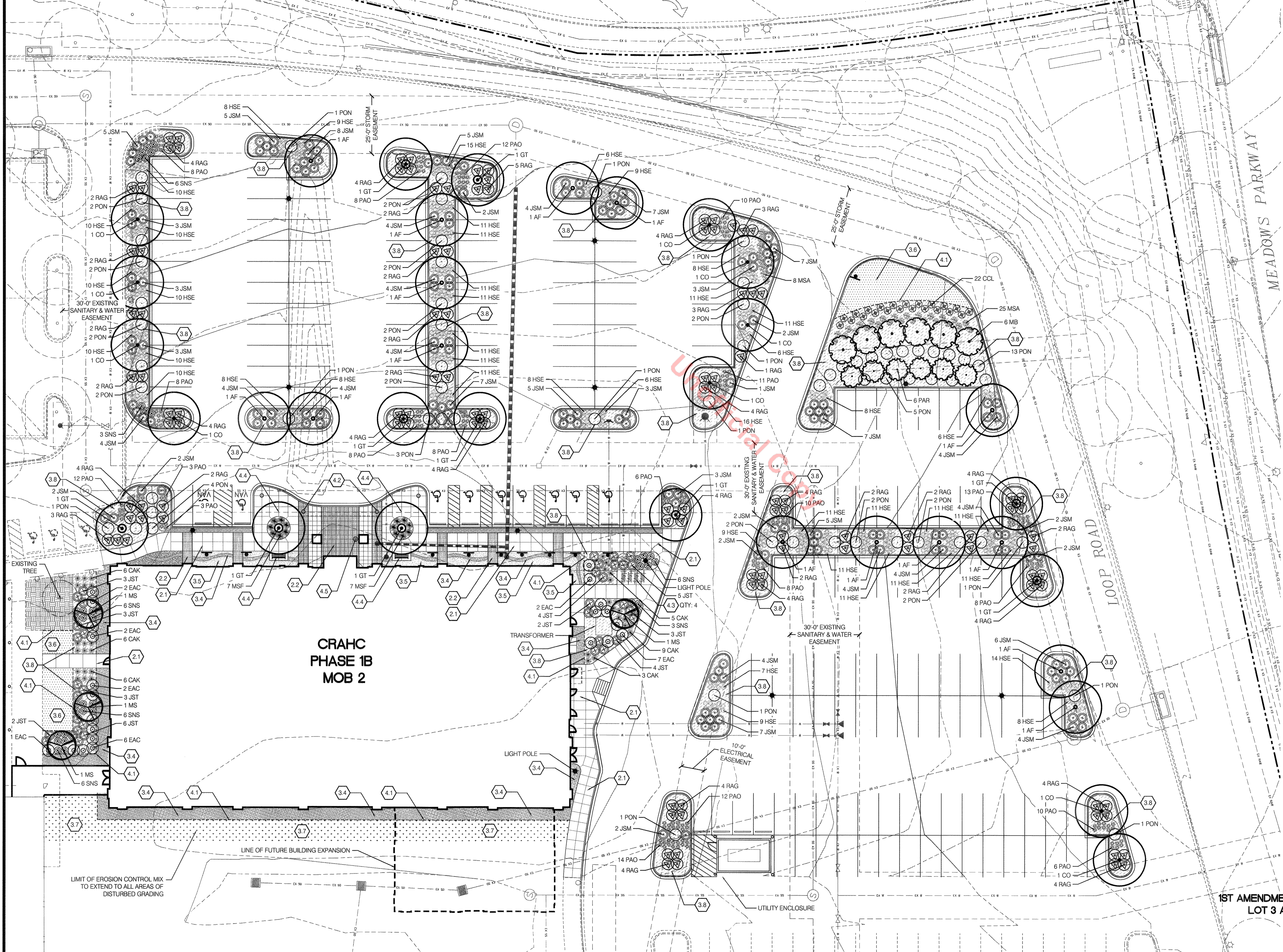


CIVIL ENGINEERS
S. A. MIRO, INC.
 CONSULTING ENGINEERS
 4582 South Ulster Street Pkwy.
 Suite 300 Denver, CO 80237
 ph. 303 741 3737
 fax 303 694 3134

SUBMITTAL DATE: 02/14/14
 CASTLE ROCK ADVENTIST HEALTH CAMPUS
 MOB 2, PHASE 1B
 1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
 LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
 FPD #10-0005
GRADING PLAN
SHEET 5 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



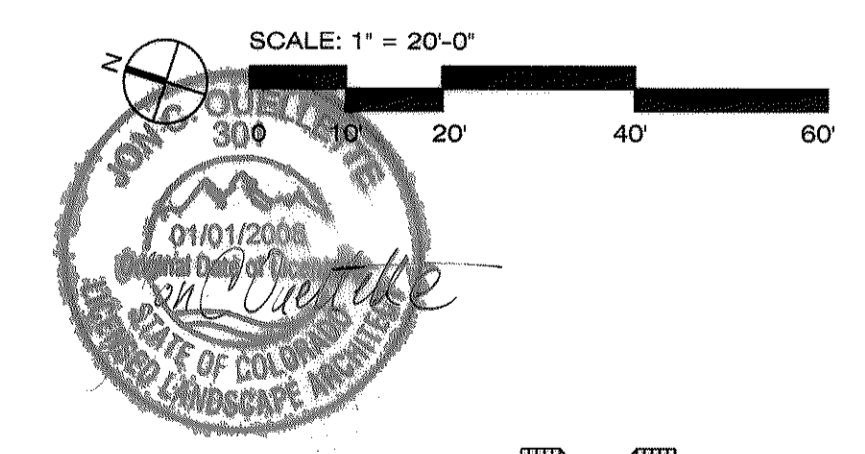
- ### MATERIAL KEYNOTES
- PAVING MATERIALS
- 2.1 NATURAL GRAY CONCRETE PAVEMENT - PEDESTRIAN GRADE - BROOM FINISH, RE: CIVIL
 - 2.2 COLORED CONCRETE PAVEMENT - PEDESTRIAN GRADE - BROOM FINISH, RE: CIVIL, DAVIS COLOR: OMAHA TAN
 - 2.3 CU STRUCTURAL SOIL BENEATH GRAY CONCRETE PAVEMENT, 36\"/>

- ### PLANTING
- 3.1 DECIDUOUS TREE: 2.5\"/>
 - 3.2 EVERGREEN TREE PLANTING: 6\"/>
 - 3.3 ORNAMENTAL TREE PLANTING: 2\"/>
 - 3.4 3\" - 6\" WASHED RIVER COBBLES ON WEED BARRIER FABRIC, NON-IRRIGATION ZONE, COLOR: TAN
 - 3.5 CLEAN PEA GRAVEL ON WEED BARRIER FABRIC - 3\" DEPTH, NON-IRRIGATION ZONE, COLOR: TAN
 - 3.6 ENVIROTURF OR NATURE'S PRAIRIE TURF SOD BY TURFMASTER SOD, RE: PLANT LEGEND
 - 3.7 NON-IRRIGATED EROSION CONTROL MIX INSTALLED PER GESC DETAIL #17
 - 3.8 SHRUB BED PLANTING IN 1\"/>

- ### SITE AMENITIES
- 4.1 ROLL-TOPPED GREEN INTERLOCKING EDGER (12 GA. x 4\"/>
 - 4.2 BOLLARD LIGHT, RE: ELECTRICAL
 - 4.3 BIKE RACKS, LANDSCAPE FORMS - RIDE, SURFACE MOUNT
 - 4.4 BENCH, LANDSCAPE FORMS - NEOROMANTICO, SURFACE MOUNT
 - 4.5 LITTER RECEPTACLE, LANDSCAPE FORMS - CHASE PARK

MATERIAL LEGEND

- DECIDUOUS SHADE TREE PLANTING 2.5\"/>
- EVERGREEN TREE PLANTING 6\"/>
- SINGLE STEM ORNAMENTAL TREE PLANTING, 2\"/>
- ROLL-TOPPED GREEN INTERLOCKING EDGER (4\"/>
- NATURAL GRAY CONCRETE PAVEMENT PEDESTRIAN GRADE - BROOM FINISH
- COLORED CONCRETE PAVEMENT PEDESTRIAN GRADE - BROOM FINISH, DAVIS COLOR: OMAHA TAN
- CU STRUCTURAL SOIL BENEATH GRAY CONCRETE 36\"/>
- 3\" - 6\" WASHED RIVER COBBLES ON WEED BARRIER FABRIC, NON-IRRIGATION ZONE, COLOR: TAN
- CLEAN PEA GRAVEL ON WEED BARRIER FABRIC - 3\" DEPTH, COLOR: TAN
- SHRUB BED PLANTING IN 1\"/>
- ENVIROTURF OR NATURE'S PRAIRIE TURF SOD BY TURFMASTER SOD
- NON-IRRIGATED EROSION CONTROL MIX INSTALLED PER GESC DETAIL #17



OuelletteDesign
Landscape Architecture | Site Planning

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SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005
LANDSCAPE PLAN
SHEET 7 OF 23



Commercial Landscape Site Inventory

Town of Castle Rock Registered Professional: JON OUELLETTE
Town of Castle Rock Registration #: 13-028
State of Colorado License Landscape Architect #: 301
Company Name: ENVIRONMENTAL LANDWORKS, INC.
Address: 10260 WEST 44TH AVE WHEAT RIDGE, CO 80033
Phone: 303-882-9480
Email: JON@ENVIRONMENTAL-LANDWORKS.COM
Date: 12/13/2013
PROJECT NAME: CASTLE ROCK ADVENTIST HOSPITAL - MOB 2, PHASE 1B (LOT 3 & LOT 4)

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

Table with 10 columns: Gross Site Area, Landscape Area, Turfgrass List, Nonliving Ornamental, No. of Trees, No. of Trees Provided, No. of Shrubs, No. of Shrubs Provided, Soil Prep, Separate Irrigation Service Connections.

* NOTE: AREAS & QUANTITIES CALCULATED ARE A COMBINATION OF LOT 3 & LOT 4. INDIVIDUAL LOT AREAS CAN BE FOUND ON SHEET 2 OF THIS DOCUMENT SET

SEEDING AND MULCHING METHODS, SOIL PREP AND MAINTENANCE NOTES, DOUGLAS COUNTY AND CASTLE ROCK PERMANENT DRILL SEEDING MIX, DOUGLAS COUNTY AND CASTLE ROCK TEMPORARY DRILL SEEDING MIX, DOUGLAS COUNTY AND CASTLE ROCK LOW-GROWTH DRILL SEEDING MIX, UTILITIES DEPARTMENT, GEESC PLAN STANDARD NOTES AND DETAILS, SHEET 10 OF 14

PLANT LEGEND

Table with columns: ABBR., QTY., BOTANICAL NAME/Common Name, SIZE, COMMENTS, MATURE GROWTH (HEIGHT x WIDTH), IRR. ZONE, WATER REQ. (INCHES PER MONTH), WATER USE. Includes categories like LARGE DECIDUOUS TREES, ORNAMENTAL TREES, EVERGREEN TREES, etc.

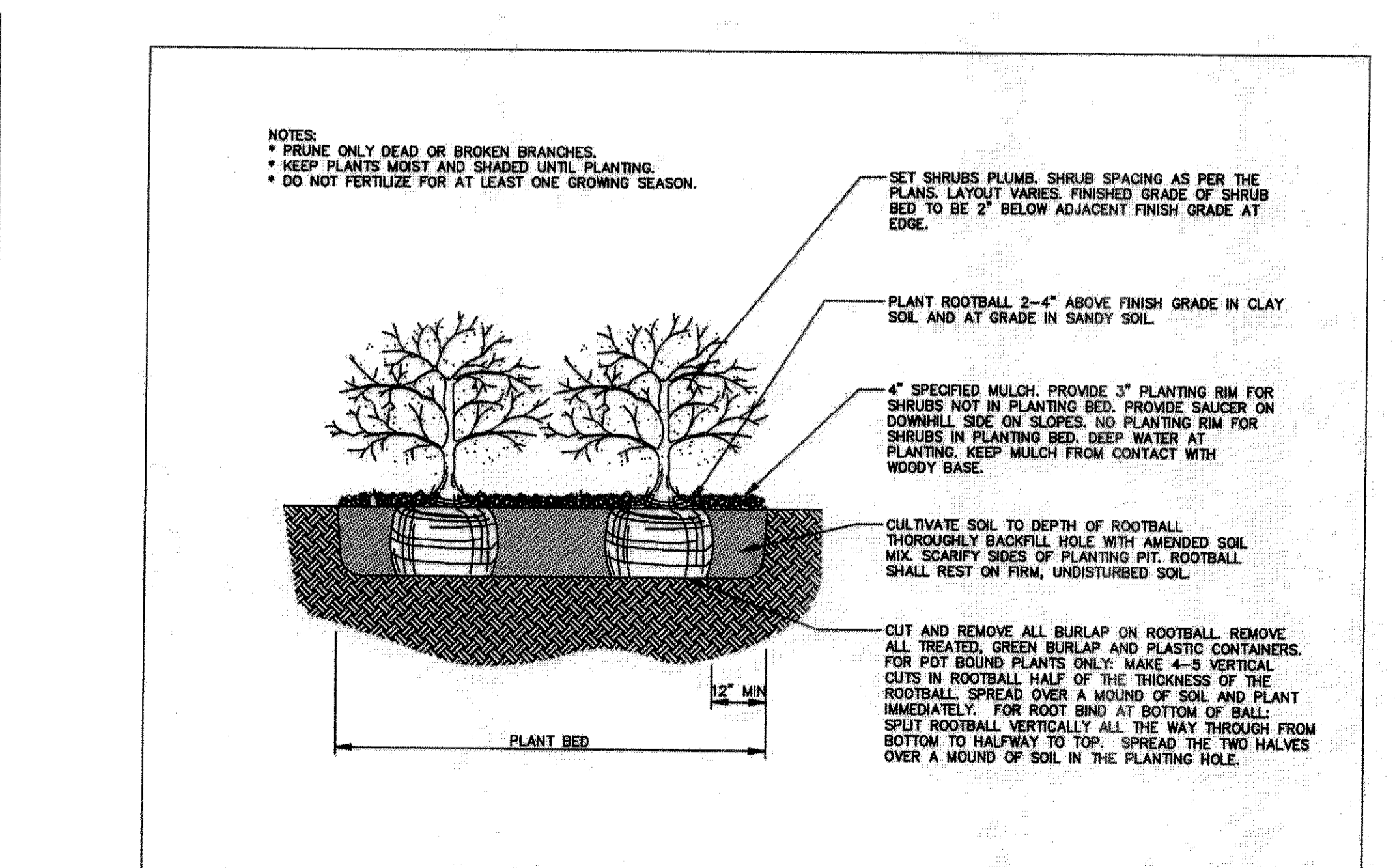
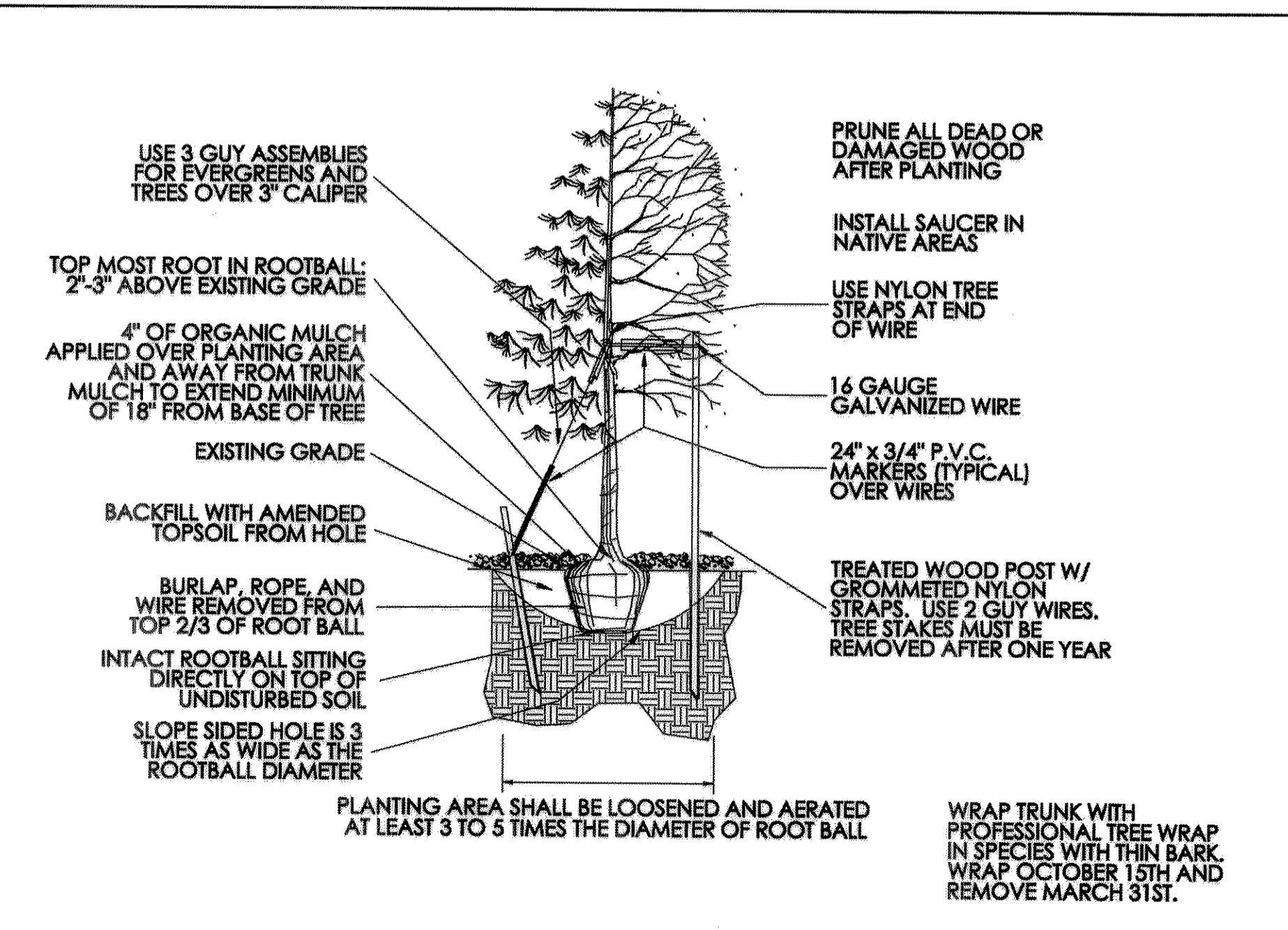
Table for ENVIRONMENT OR NATURE'S PRAIRIE TURF BY TURFMASTER SOD, including lot area calculations and required trees/shrubs.

PLANTING NOTES

- 1. FIELD STAKE ALL TREE AND SHRUB LOCATIONS...
2. PROVIDE MATCHING SIZES AND FORMS FOR EACH TREE...
3. PLANT MATERIAL TO BE HEALTHY SPECIMENS...
4. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES...
5. ALL ROOT WRAPPING MADE OF SYNTHETIC OR PLASTIC MATERIAL...
6. ALL PLANT MATERIAL SHALL BE SELECTED AT THE NURSERIES...
7. ALL PLANT AND STAKES SHALL BE SET PLUMB...
8. THE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS...
9. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTORS CONVENIENCE...
10. ALL DECIDUOUS TREES SHALL BE WRAPPED...
11. PLANT AND EDGING LAYOUT SHALL TAKE PRECEDENCE OVER IRRIGATION...
12. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANT MATERIALS...
13. PROJECT INCLUDES EXTENSIVE IRRIGATION AND UTILITY SYSTEMS...
14. ALL SHRUB AREAS ARE TO BE PREPARED AS CONTINUOUS BEDS...
15. PERFORM PERCOLATION TEST ON ALL TREE HOLES...
16. REFER TO LAYOUT DRAWINGS FOR STEEL EDGER LAYOUT...
17. STREET TREES AND ON-SITE TREES SHALL BE PLACED SO THAT THEY DO NOT BLOCK LIGHT...
18. ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM...
19. A MINIMUM OF FOUR (4) CUBIC YARDS OF ORGANIC MATTER SOIL AMENDMENT...
20. NO TREES, LARGE SHRUBS OR PERMANENT STRUCTURES ARE ALLOWED IN UTILITY OR DRAINAGE EASEMENTS...
21. LANDSCAPE AND IRRIGATION SHALL BE INSTALLED BY A TOWN OF CASTLE ROCK REGISTERED LANDSCAPE CONTRACT PROFESSIONAL...
22. AT THE TIME OF INSTALLATION PLANTS SHALL BE FERTILIZED WITH 1 LB. NITROGEN AND 1 LB. PHOSPHORUS PER 1,000 SF...
23. SOIL INSPECTION IS REQUIRED BEFORE SOD INSTALLATION...
24. CONTACT THE TOWN OF CASTLE ROCK UTILITIES DEPARTMENT...
25. NON-IRRIGATED NATIVE SEED AREAS SHALL BE INSTALLED USING THE TOWN OF CASTLE ROCK GRADING EROSION AND SEDIMENT CONTROL MANUAL...
26. NO TURF AND/OR OVERHEAD IRRIGATION ON SLOPES 3:1...
27. NO SLOPES GREATER THAN 3:1 ARE PERMITTED...
28. TOP SOIL, IF DISTURBED SHALL BE STOCK PILED AND REUSED ON THE SITE...
29. NO INDIVIDUAL PLANT MAY HAVE SUPPLEMENTAL WATER DEMAND GREATER THAN 15" PER GROWING SEASON

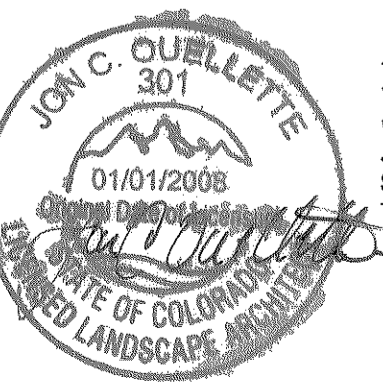
GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONCURRENT WORK...
2. EXISTING BUILDINGS, GRADING, EASEMENTS AND UTILITIES ARE BASED ON SURVEY INFORMATION PROVIDED BY THE SURVEYOR...
3. VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT OF DIMENSIONAL ERRORS...
4. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS...
5. LAYOUT OF ALL SITE FURNISHINGS, INCLUDING BENCHES, TRASH RECEPTACLES, AND BICYCLE RACKS IS TO BE STAKED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT...
6. A SYSTEM OF DIAGRAMMATIC SYMBOLS AND NOTATIONS IS USED IN THESE DRAWINGS...
7. ALL SYMBOLS ARE SHOWN DIAGRAMMATICALLY...
8. LIMIT OF WORK LINE FOR CONSTRUCTION IS SHOWN DIAGRAMMATICALLY AND OCCURS AT BACK OF CURB...
9. ALL LAYOUT DIMENSIONS ARE TO BACK OF CURB...
10. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS...
11. DIMENSIONS MARKED "VERIFY" ARE TO BE FIELD MEASURED...
12. SPECIAL CONSIDERATION HAS BEEN GIVEN TO THE DESIGN AND INTENDED RELATIONSHIP BETWEEN LANDSCAPE MATERIALS...
13. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION...
14. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE...
15. CONTRACTOR IS TO VERIFY ALL QUANTITIES...
16. ARCHITECTURAL ELEMENTS ARE SHOWN ON LANDSCAPE PLANS FOR REFERENCE ONLY...
17. COORDINATE PROPOSED WALKS AND RAMPS WITH ANY EXISTING CONDITIONS...
18. NOTHING IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP...
19. 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...



Form with fields for DRAWN BY, APPROVED BY, DATE, REV. DATE, STD. DWG. NO., and a drawing title 'TREE PLANTING'.

Form with fields for SHEET REVISIONS, TOWN OF CASTLE ROCK logo, PROJECT NAME 'SHRUB PLANTING', and SHEET 1 OF 1.



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CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005
LANDSCAPE NOTES AND SCHEDULE SHEET 9 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

IRRIGATION CONSTRUCTION NOTES

1. DRAWINGS AND BASE INFORMATION - ALL BASE AND PLANTING INFORMATION HAVE BEEN PROVIDED BY QUELLETTE DESIGN. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY HYDROSYSTEMS*KDI OF ANY DISCREPANCIES BETWEEN THE UTILITY OR PLANTING PLANS AND THE IRRIGATION PLAN. IF CONTRACTOR FAILS TO NOTIFY HYDROSYSTEMS*KDI AND MAKES CHANGES TO THE IRRIGATION SYSTEM DESIGN, HE ASSUMES ALL COSTS AND LIABILITIES ASSOCIATED WITH THOSE FIELD CHANGES. REFER TO SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS.
2. SYSTEM PRESSURE - HYDROSYSTEMS*KDI HAS CONTACTED THE LOCAL WATER DISTRICT THAT SERVES THIS SITE AND THEY HAVE BEEN TOLD THAT THE STATIC WATER PRESSURE IN THIS AREA SHOULD BE 86 PSI. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRESSURE PRIOR TO COMMENCING ANY CONSTRUCTION AND NOTIFY HYDROSYSTEMS*KDI OF ANY VARIANCE FROM THE STATED PRESSURE. IF CONTRACTOR FAILS TO FIELD VERIFY PRESSURE AND/OR NOTIFY HYDROSYSTEMS*KDI OR ANY VARIATIONS FROM THIS PRESSURE, THEN HE ASSUMES ALL CONSTRUCTION AND ENGINEERING COSTS ASSOCIATED WITH SYSTEM MODIFICATIONS REQUIRED TO ACCOMMODATE ACTUAL SITE PRESSURE. THIS SYSTEM HAS BEEN DESIGNED FOR A REQUIRED STATIC PRESSURE OF 86 PSI MINIMUM.
3. IRRIGATION SYSTEM OPERATION INTENT - THIS IRRIGATION SYSTEM HAS BEEN DESIGNED TO IRRIGATE THE ESTABLISHED LANDSCAPE WITHIN AN EVERY THIRD NIGHT PER WEEK, SEVEN HOUR PER NIGHT WATERING WINDOW. ESTABLISHMENT WATERING WILL REQUIRE UP TO TWICE AS MUCH IRRIGATION FOR A FOUR TO SIX WEEK PERIOD. THE DESIGN IS BASED ON THE FOLLOWING PROJECTED WEEKLY APPLICATION RATES AFTER ESTABLISHMENT. THESE FIGURES ARE BASED ON A 30-YEAR AVERAGE WEATHER DATA AND WILL NEED TO BE ADJUSTED DUE TO SEASONAL CHANGES AND WEATHER CONDITIONS ABOVE AND BELOW THE AVERAGE VALUES UTILIZED.
TURFMASTER SOD 1.02" PER WEEK PEAK SEASON
DRIP IRRIGATED SHRUB BEDS 0.68" PER WEEK PEAK SEASON
4. EQUIPMENT INSTALLATION - IT IS THE INTENT OF THIS DESIGN THAT ALL IRRIGATION EQUIPMENT BE INSTALLED WITHIN PROPERTY LIMITS AND WITHIN LANDSCAPED AREAS. ANY EQUIPMENT SHOWN OUTSIDE OF THESE LIMITS IS SHOWN IN THAT LOCATION FOR GRAPHICAL CLARITY ONLY. ALL VALVE BOXES SHALL BE INSTALLED A MINIMUM OF 2'-0" FROM EDGE OF ANY PAVED SURFACES. ALL VALVE BOXES SHALL BE PLACED A MINIMUM OF 3'-0" FROM THE CENTERLINE OF ANY DRAINAGE SWALE.
5. SLEEVING - ALL SLEEVING UNDER PAVED SURFACES SHOWN ON PLANS IS BY CONTRACTOR UNLESS OTHERWISE NOTED. SLEEVING SHALL BE INSTALLED IN THE SIZES AND QUANTITIES SHOWN ON PLANS OR BASED ON THE SCHEDULE BELOW. WHERE SLEEVES ARE SHOWN, BUT NOT LABELED, FOLLOW THE SCHEDULE BELOW. ALL MAINLINE, CONTROL WIRES AND DRIP LINES UNDER PAVED SURFACES ARE TO BE INSTALLED IN SLEEVING.

SLEEVED PIPE SIZE/WIRE QUANTITY	REQUIRED SLEEVE SIZE & (QUANTITY)
¾" - 1½" PIPING	2" PVC (1)
1½" - 2" PIPING	4" PVC (1)
1-50 CONTROL WIRES	2" PVC (1)
2-WIRE CABLE	2" PVC (1)
6. POP-UP SPRAY NOZZLES - CONTRACTOR TO INSTALL PLASTIC NOZZLES ON ALL POP-UP SPRAY HEADS. INSTALL 15 SERIES NOZZLES ON ALL HEADS SPACED AT 12' TO 14'. INSTALL 12 SERIES NOZZLES ON ALL HEADS SPACED 10' TO 11'. INSTALL 10 SERIES NOZZLES ON ALL HEADS SPACED AT 8' TO 9'. INSTALL 8 SERIES NOZZLES ON ALL HEADS SPACED LESS THAN 7'. INSTALL SIDE STRIP NOZZLES ON ALL HEADS WITH AN 'S' DESIGNATION AND RIGHT AND LEFT CORNER STRIP NOZZLES ON ALL HEADS WITH AN 'C' DESIGNATION. VARIABLE ARC NOZZLES SHOULD BE UTILIZED ADJACENT TO CURVILINEAR SHRUB BEDS OR FOR ANY ANGLES THAT ARE NOT A STANDARD NOZZLE ANGLE.
7. DRIP IRRIGATION - REFER TO IRRIGATION DETAIL SHEET FOR DRIP EMITTER QUANTITIES AND PLACEMENT.
8. SPARE CONTROL WIRES (NEW CONTROLLER) - CONTRACTOR SHALL EXTEND THREE SPARE WIRES (ONE COMMON AND 2 CONTROL WIRES) FROM EACH CONTROLLER TO THE END OF THE MAINLINE SERVING THAT CONTROLLER OR AS SHOWN ON THE PLANS. INSTALL SPARE WIRES IN 10" ROUND VALVE BOX WITH QUICK COUPLING VALVE. REFER TO SPECIFICATIONS FOR WIRE COLOR. SEE IRRIGATION SCHEDULE FOR ADDITIONAL INFORMATION.
9. ADJUSTMENT - CONTRACTOR SHALL FINE TUNE/ADJUST THE IRRIGATION SYSTEM TO REDUCE/AVOID OVERSPRAY ONTO HARD SURFACES BY ADJUSTING NOZZLE DIRECTION AND NOZZLE RADIUS.
10. EXISTING IRRIGATION DAMAGE - CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING IRRIGATION SYSTEMS DAMAGED DURING NEW INSTALLATION. REPAIR OR REPLACEMENT SHALL BE DETERMINED BY OWNER OR OWNER'S REPRESENTATIVE AND PAID FOR BY THE LANDSCAPE CONTRACTOR.
11. EXISTING IRRIGATION COORDINATION - EXISTING IRRIGATION SYSTEM SHALL NOT BE TURNED OFF FOR MORE THAN 24 HOURS MAXIMUM. CONTRACTOR SHALL COORDINATE TURN OFF OF SYSTEM WITH OWNER OR MAINTENANCE STAFF 12 HOURS PRIOR TO ANY NEW CONSTRUCTION.
12. UNLABELED PIPING - ALL UNLABELED LATERAL PIPING SHALL BE ¾" MINIMUM UNLESS OTHERWISE NOTED.
13. 2-WIRE SYSTEM NOTES (EXISTING CONTROLLER) - CONTRACTOR SHALL GROUND ALL DECODERS AND DECODER WIRE PER MANUFACTURER'S RECOMMENDATIONS AND STANDARDS. (MINIMUM OF EVERY 500' OF WIRE OR EVERY 8TH DECODER AND AT ALL ENDS OF WIRE RUN).
 13.1. CONTRACTOR SHALL USE ONLY MANUFACTURED 2-WIRE (MAXI-WIRE OR PAIGE EQUAL) WIRE.
 13.2. ONLY USE SINGLE STATION DECODERS (RAIN BIRD FD-101).
 13.3. USE ONLY DBTAC100 WATER PROOF CONNECTORS ON ALL WIRE SPLICES. ALL WIRE SPLICES ARE TO BE MADE WITHIN A VALVE BOX WITH CONTROL VALVES OR A SEPARATE 10" ROUND VALVE BOX FOR WIRE SPLICES.
 13.4. USE LSP-TURF LINE SURGE PROTECTION AT ALL GROUNDING LOCATIONS.
 13.5. DO NOT LOOP 2-WIRE PATH.
14. EXISTING IRRIGATION TAP - THERE IS AN EXISTING 4" AP WITH 4" WATER METER PIT (INSTALLED IN THE PHASE 1A WORK BY OTHERS-SEE CIVIL PLANS). THE TAP IS SIZED FOR FULL BUILD OUT OF SITE. (REFER TO PUBLIC WORKS VARIANCE #PWV10-0020). THIS EXISTING TAP WILL BE UTILIZED FOR IRRIGATION TO THE NORTHERN PARKING LOT AREA BEING INSTALLED AS PART OF THE SCOPE OF WORK OF THE MEDICAL OFFICE BUILDING 2.
15. EXISTING IRRIGATION TAP - IRRIGATION LINES SHALL BE 4" FROM THE METER THROUGH THE BACKFLOW PREVENTION ASSEMBLY TO 10 PIPE DIAMETERS PAST THE WINTERIZATION TEE.
16. CASTLE ROCK NOTE - THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY APPROVED BY THE TOWN OF CASTLE ROCK.
17. 2-WIRE SYSTEM (EXISTING CONTROLLER) INFORMATION - CONTACT MARK AUSTIN WITH RAIN BIRD (720-810-1066) FOR PRICING ON CONTROLLER, DECODER DESIGN MANUAL OR ANY OTHER ASSISTANCE. THIS EXISTING CONTROLLER WILL BE UTILIZED FOR THE IRRIGATION TO THE NORTHERN PARKING LOT BEING INSTALLED AS PART OF THE SCOPE OF WORK OF THE MEDICAL OFFICE BUILDING 2.
 17.1. A MAINTENANCE REMOTE SHALL BE PURCHASED & INSTALLED ON EXISTING CONTROLLER. CONTRACTOR TO INSTALL ANTENNA ON THE OUTSIDE OF THE BUILDING & CONNECT TO EXISTING CONTROLLER WITH THE LMRQ630 30' QUICK CONNECT CABLE SPECIFIED. THE REMOTE SHALL BE GIVEN TO HOSPITAL MAINTENANCE STAFF AS A TURN OVER ITEM.
18. CASTLE ROCK NOTES -
 18.1. THE BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED BY A COLORADO STATE CERTIFIED CROSS-CONNECTION CONTROL TECHNICIAN APPROVED BY THE UTILITIES DEPARTMENT AT THE TIME OF INSTALLATION AND NO LATER THAN ANNUALLY THEREAFTER.
 18.2. PLEASE NOTE THAT THE IRRIGATION TAP, LINE, METER AND BACKFLOW PREVENTION ASSEMBLY MUST BE THE SAME SIZE FROM THE TAP TO A MINIMUM DISTANCE OF 10 PIPE DIAMETERS PAST THE BACKFLOW PREVENTION ASSEMBLY AND WINTERIZATION TEE.
 18.3. ALL SPRINKLER HEADS TO BE ADJUSTED TO MINIMIZE/ELIMINATE OVERSPRAY ONTO HARD SURFACES OR UNINTENDED AREAS. PER TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN, WASTE WATER IS NOT ALLOWED.
 18.4. OVERHEAD IRRIGATION IN AREAS LESS THAN 10' IN WIDTH OR INSTALLED ON SLOPES EQUAL TO OR STEEPER THAN 3:1 WILL NOT BE APPROVED BY THE TOWN OF CASTLE ROCK INSPECTORS.
 18.5. CONTACT THE TOWN OF CASTLE ROCK UTILITIES DEPARTMENT AT 720-733-6045 FOR A PRE-CONSTRUCTION MEETING BEFORE BEGINNING THE IRRIGATION SYSTEM INSTALLATION.

IRRIGATION SCHEDULE				
SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION	DETAIL NO.
	RAIN BIRD	1806-SAM-PRS W/ MP SERIES NOZZLE	POPUF SPRAY HEAD	5
			EXISTING POPUP SPRAY HEAD	
			EXISTING GEAR DRIVEN ROTOR	
	RAIN BIRD	PEB SERIES	ELECTRIC CONTROL VALVE	6 & 7
	RAIN BIRD	PEB SERIES W/ FD-101	ELECTRIC CONTROL VALVE W/ DECODER	8 & 9
			EXISTING ELECTRIC CONTROL VALVE	
	RAIN BIRD	44-LRC	QUICK COUPLING VALVE	11
			EXISTING QUICK COUPLING VALVE	
	RAIN BIRD	ESP-LXME W/ ETC-LX	ELECTRIC CONTROLLER W/ ET MANAGER CARTRIDGE	3
	RAIN BIRD	ETM-R6	RAIN GAUGE DEVICE	4
	RAIN BIRD	SM75	75 STATION EXPANSION MODULE	
	FEBCO	825YA WITH MATTS 223-HP PRV	BACKFLOW PREVENTER	1
	GUARDSHACK	GS-1	BACKFLOW PREVENTER ENCLOSURE	2
	MATCO	201X	MANUAL DRAIN VALVE	10
	RAIN BIRD	PEB SERIES	MASTER VALVE	19
		LINE SIZE	GATE VALVE	12
			EXISTING GATE VALVE	
			EXISTING MASTER VALVE	
			EXISTING FLOW SENSOR	
		CLASS 200 BE - 2½" & SMALLER	PVC MAINLINE	18
			EXISTING PVC MAINLINE	
		CLASS 200 BE	PVC LATERAL	18
			EXISTING PVC LATERAL	
		CLASS 160	PVC SLEEVING	
			EXISTING PVC SLEEVING	
	IRRITROL	DURA-POL	POLY DRIP TUBING - ¾" MIN. WIDTH	16
			EXISTING POLY DRIP TUBING	
	RAIN BIRD	XCZ-100-PRB-COM W/ BALL VALVE	DRIP VALVE ASSEMBLY	13 & 14
	RAIN BIRD	XCZ-100-PRB-COM W/ BALL VALVE & W/ FD-101	DRIP VALVE ASSEMBLY W/ DECODER	15 & 9
			EXISTING DRIP VALVE ASSEMBLY	
			DRIP LINE BLOW-OUT STUB	17
			EXISTING DRIP LINE BLOW-OUT STUB	
	RAIN BIRD	XERI-BUG	DRIP EMITTERS	16
	RAIN BIRD	FD-TURF	VALVE DECODER	8, 9 & 15
	PAIGE	P1072D	2-WIRE DECODER CABLE	8, 9 & 15
			GROUNDING LOCATION	9
			WATER METER	BY OTHERS
			EXISTING WATER METER	
	NETAFIM	TLGV26-18/18 ROWS SPACED 18"	SUBSURFACE DRIPLINE	20 - 23
			EXISTING SUBSURFACE DRIPLINE	
	NETAFIM	CLASS 200 BE	SUBSURFACE HEADER PIPE - 1" PVC	20 - 23
	NETAFIM	LVCZ-10075 W/ FD-101	SUBSURFACE VALVE ASSEMBLY W/ DECODER	15
	NETAFIM	LVCZ-10075	SUBSURFACE VALVE ASSEMBLY	14
	RAIN BIRD	LIMR KIT W/ LIMRQC630	MAINTENANCE REMOTE & 30' QUICK CONNECT CABLE	
			CONTROLLER & STATION NO.	
			CONTROL VALVE SIZE	
			NUMBER OF SPARE WIRES - 2 CONTROL AND 1 SPARE WIRES TO WHICH CONTROLLER - SEE CONSTRUCTION NOTES	

EXISTING IRRIGATION IS SHOWN FOR INFORMATION ONLY

REFER TO SHEET

IR-1 IRRIGATION NOTES & SCHEDULE

IR-2 - IR-3 IRRIGATION PLANS

IR-4 - IR-7 IRRIGATION DETAILS

IR-8 - IR-9 IRRIGATION CHARTS



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890 Taber Street, Suite 200
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303-980-5327
303-980-5384 (fax)

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www.environmental-landworks.com
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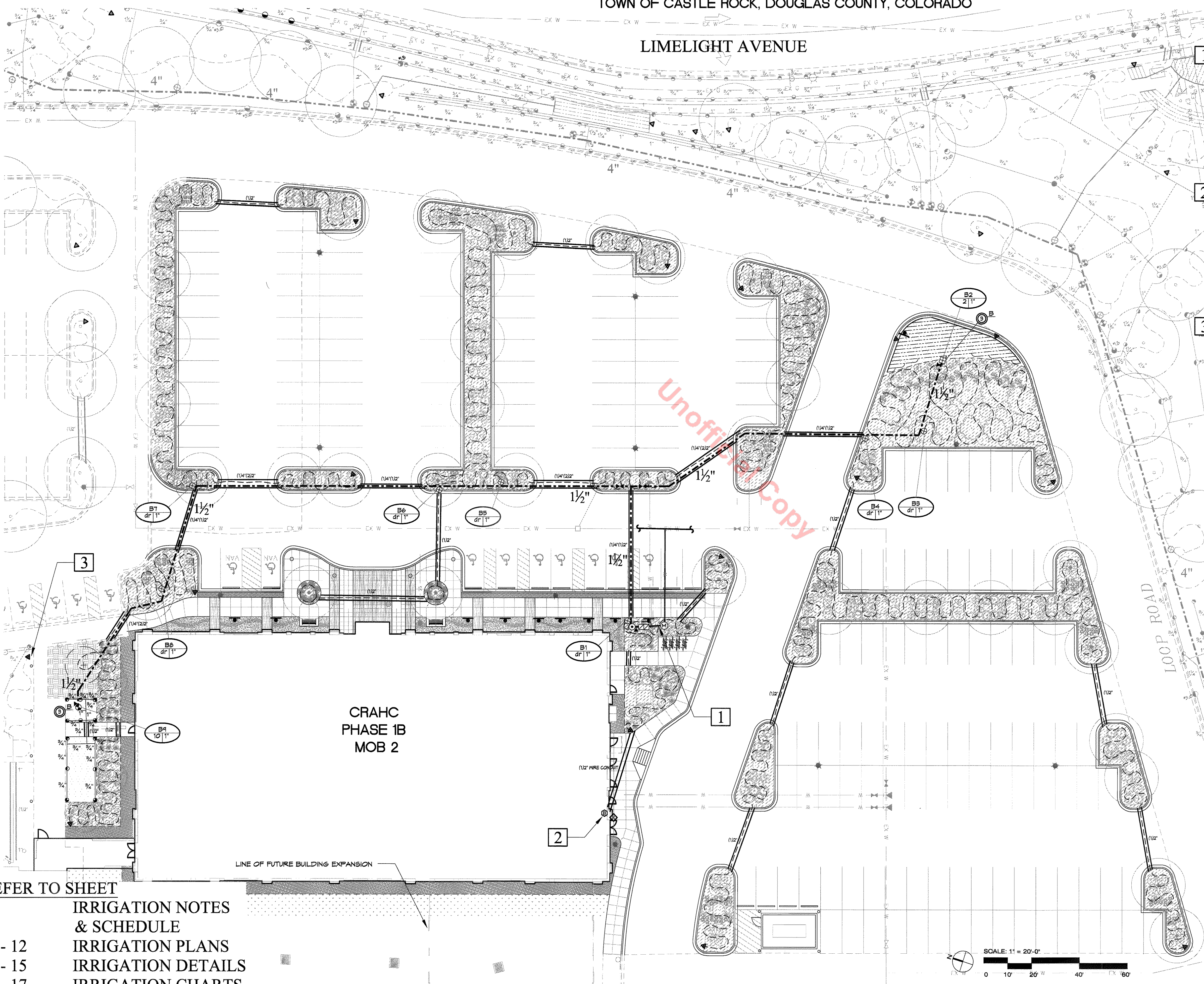
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ph. 303 741 3737
fax 303 694 3134

SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005
IRRIGATION NOTES AND SCHEDULE
SHEET 10 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



- 1 POINT OF CONNECTION #1 - 3/4"**
PEAK FLOW REQUIREMENT: 10 GPM.
REQUIRED STATIC PRESSURE: (TBD) PSI
TIE ONTO 3/4" COPPER STUB-OUT DOWNSTREAM OF WATER METER AT 54" DEPTH IN THIS APPROXIMATE LOCATION (INSTALLED BY OTHERS- REFER TO CIVIL PLANS). EXTEND 3/4" TYPE K SOFT COPPER AT 48" MINIMUM DEPTH TO BACKFLOW PREVENTER LOCATION. INSTALL ONE 3/4" STOP AND WASTE VALVE, ONE 3/4" REDUCED PRESSURE BACKFLOW PREVENTER WITH PRESSURE REDUCING VALVE AND PROTECTIVE ENCLOSURE, ONE MANUAL DRAIN VALVE, ONE QUICK COUPLING VALVE AND EXTEND PVC MAINLINE AS SHOWN. WORK SHALL CONFORM TO LOCAL CODE. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID FOR BY CONTRACTOR. FINAL BACKFLOW PREVENTER LOCATION SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- 2 CONTROLLER LOCATION "B"**
WALL MOUNT ONE RAIN BIRD ESP-LXME 16 STATION CONTROLLER WITH ET-MANAGER CARTRIDGE, AT INDICATED LOCATION. 120 VOLT POWER IS AVAILABLE WITHIN (TBD) LF. OF CONTROLLER LOCATION FROM BUILDING. ELECTRICAL METER, WIRE/CONDUIT, STEP-DOWN TRANSFORMER AND POWER CONNECTION TO CONTROLLER IS BY CONTRACTOR WITH WORK CONFORMING TO LOCAL CODES. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID BY CONTRACTOR. FINAL CONTROLLER LOCATION SHALL BE APPROVED BY CONSULTANT PRIOR TO INSTALLATION. MOUNT ONE RAIN BIRD RAIN GAUGE DEVICE ON A POLE WHERE THERE IS 20 FT. OF CLEARANCE FROM ANY OVERHANG OR OBSTRUCTING FEATURE. CONNECT RAIN GAUGE WIRES TO IRRIGATION CONTROLLER SENSOR PORT THROUGH CONDUIT. FINAL RAIN GAUGE LOCATION SHALL BE APPROVED BY CONSULTANT PRIOR TO INSTALLATION.
- 3 CONTRACTOR SHALL CUT EXISTING DRIP LINE AT THIS APPROXIMATE LOCATION, AND REMOVE ANY EXISTING DRIP THAT IS LOCATED WITHIN THE LIMIT OF WORK FOR THE MEDICAL OFFICE BUILDING 2. REUSE EXISTING DRIP BLOW-OUT EQUIPMENT AT LOCATION SHOWN.**

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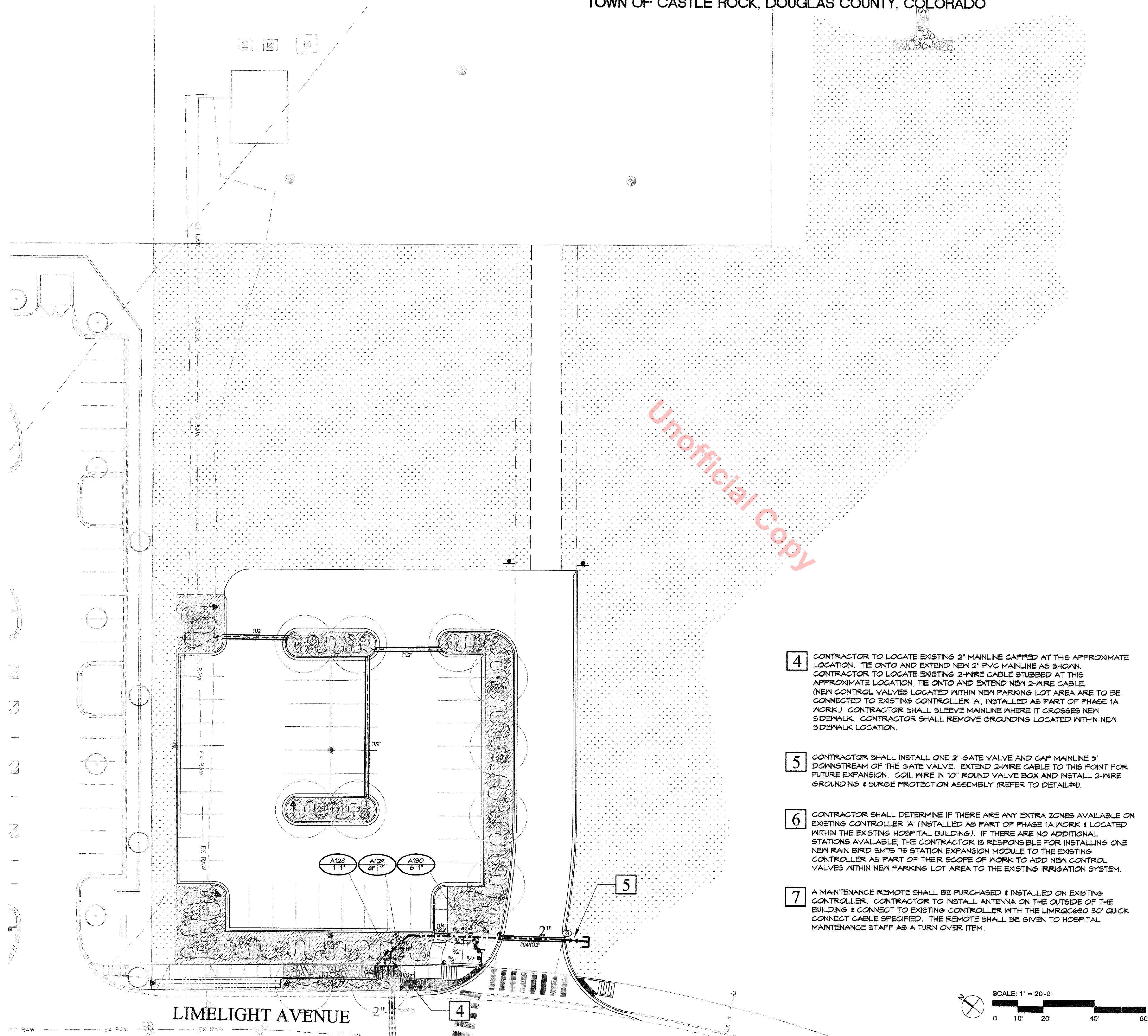
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- REFER TO SHEET
- 10 IRRIGATION NOTES & SCHEDULE
 - 11 - 12 IRRIGATION PLANS
 - 13 - 15 IRRIGATION DETAILS
 - 16 - 17 IRRIGATION CHARTS

SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005
IRRIGATION DETAILS
SHEET 11 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



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REFER TO SHEET

10	IRRIGATION NOTES & SCHEDULE
11 - 12	IRRIGATION PLANS
13 - 15	IRRIGATION DETAILS
16 - 17	IRRIGATION CHARTS

- 4 CONTRACTOR TO LOCATE EXISTING 2" MAINLINE CAPPED AT THIS APPROXIMATE LOCATION. TIE ONTO AND EXTEND NEW 2" PVC MAINLINE AS SHOWN. CONTRACTOR TO LOCATE EXISTING 2-WIRE CABLE STUBBED AT THIS APPROXIMATE LOCATION, TIE ONTO AND EXTEND NEW 2-WIRE CABLE. (NEW CONTROL VALVES LOCATED WITHIN NEW PARKING LOT AREA ARE TO BE CONNECTED TO EXISTING CONTROLLER 'A', INSTALLED AS PART OF PHASE 1A WORK.) CONTRACTOR SHALL SLEEVE MAINLINE WHERE IT CROSSES NEW SIDEWALK. CONTRACTOR SHALL REMOVE GROUNDING LOCATED WITHIN NEW SIDEWALK LOCATION.
- 5 CONTRACTOR SHALL INSTALL ONE 2" GATE VALVE AND CAP MAINLINE 5' DOWNSTREAM OF THE GATE VALVE. EXTEND 2-WIRE CABLE TO THIS POINT FOR FUTURE EXPANSION. COIL WIRE IN 10" ROUND VALVE BOX AND INSTALL 2-WIRE GROUNDING & SURGE PROTECTION ASSEMBLY (REFER TO DETAIL#4).
- 6 CONTRACTOR SHALL DETERMINE IF THERE ARE ANY EXTRA ZONES AVAILABLE ON EXISTING CONTROLLER 'A' (INSTALLED AS PART OF PHASE 1A WORK & LOCATED WITHIN THE EXISTING HOSPITAL BUILDING). IF THERE ARE NO ADDITIONAL STATIONS AVAILABLE, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ONE NEW RAIN BIRD SMTS TS STATION EXPANSION MODULE TO THE EXISTING CONTROLLER AS PART OF THEIR SCOPE OF WORK TO ADD NEW CONTROL VALVES WITHIN NEW PARKING LOT AREA TO THE EXISTING IRRIGATION SYSTEM.
- 7 A MAINTENANCE REMOTE SHALL BE PURCHASED & INSTALLED ON EXISTING CONTROLLER. CONTRACTOR TO INSTALL ANTENNA ON THE OUTSIDE OF THE BUILDING & CONNECT TO EXISTING CONTROLLER WITH THE LIMRGC630 30' QUICK CONNECT CABLE SPECIFIED. THE REMOTE SHALL BE GIVEN TO HOSPITAL MAINTENANCE STAFF AS A TURN OVER ITEM.



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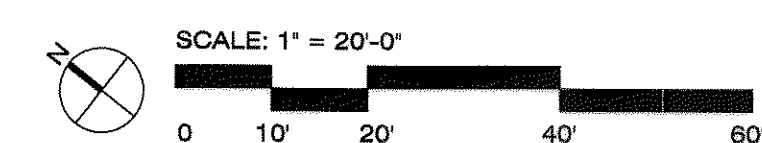
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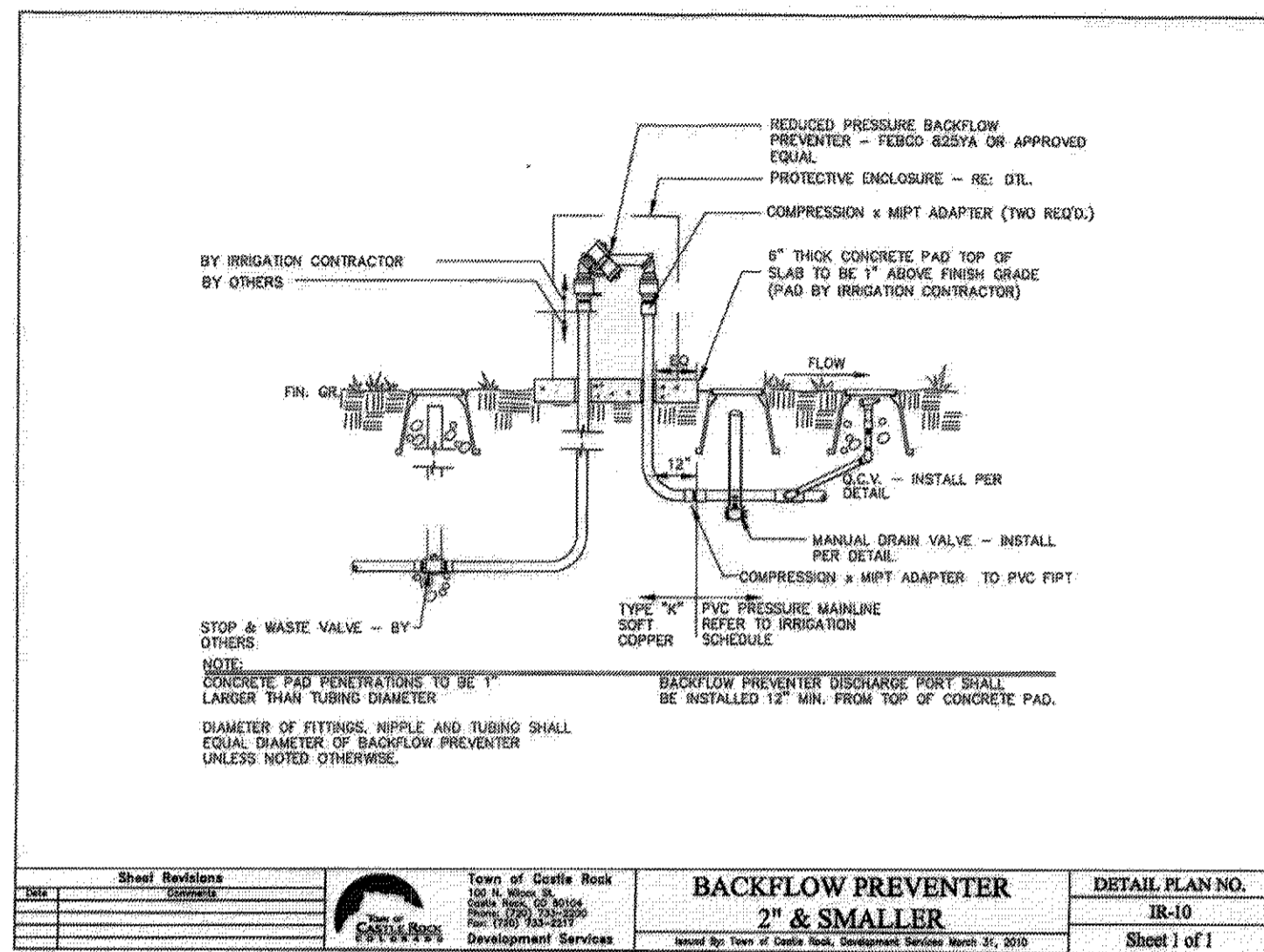
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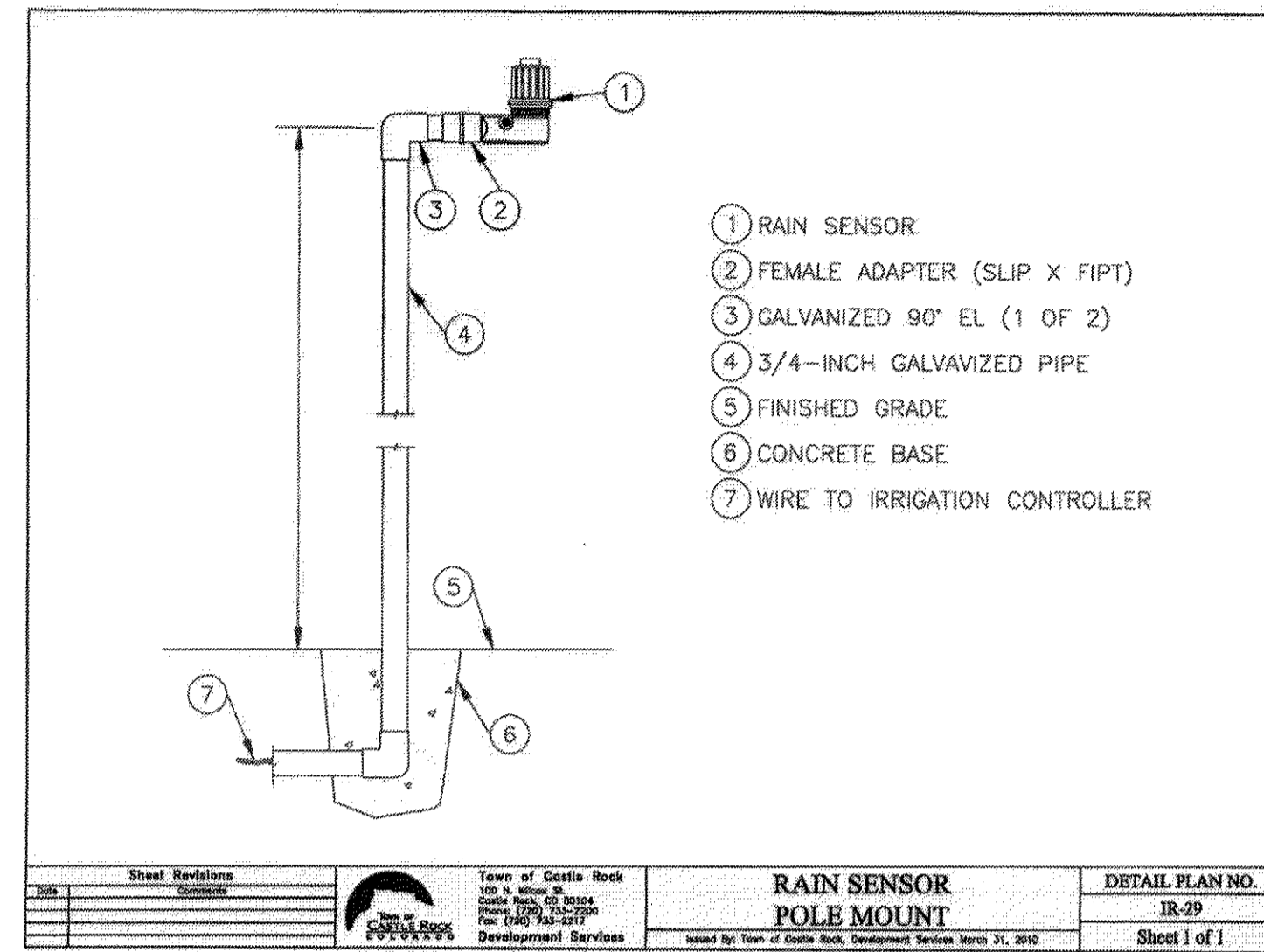
SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005
IRRIGATION PLANS
SHEET 12 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

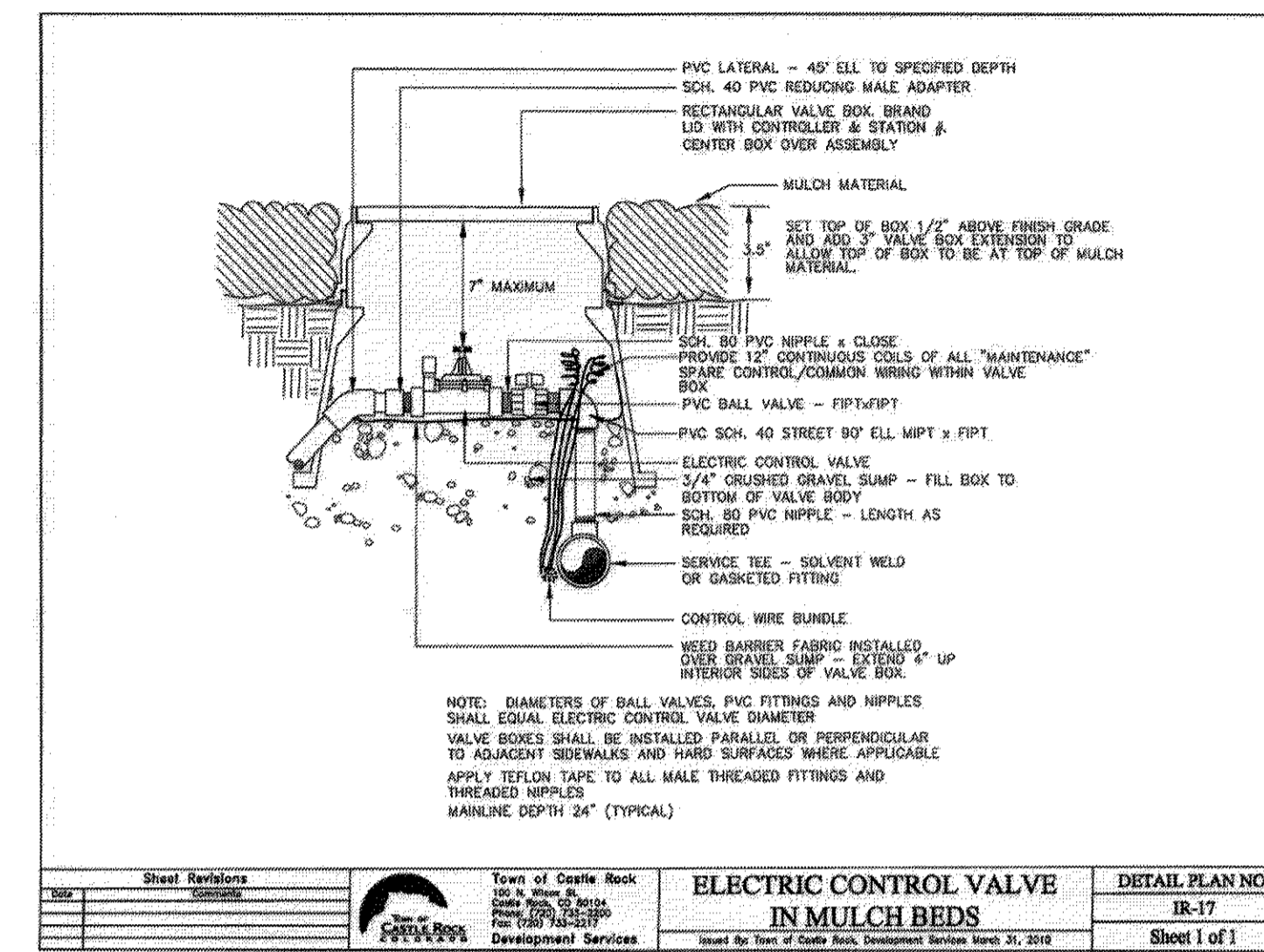
FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



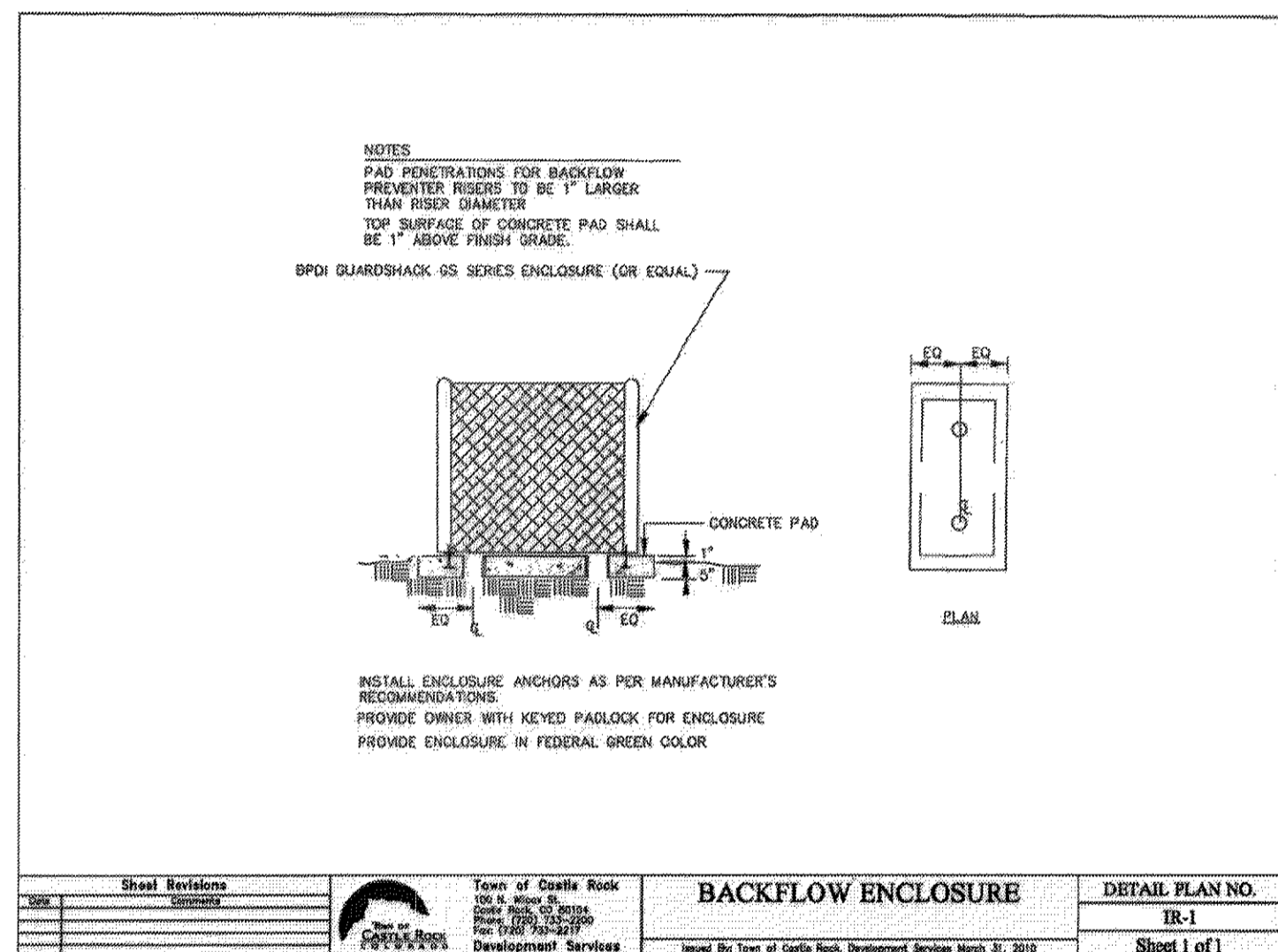
BACKFLOW PREVENTER - 2" & SMALLER



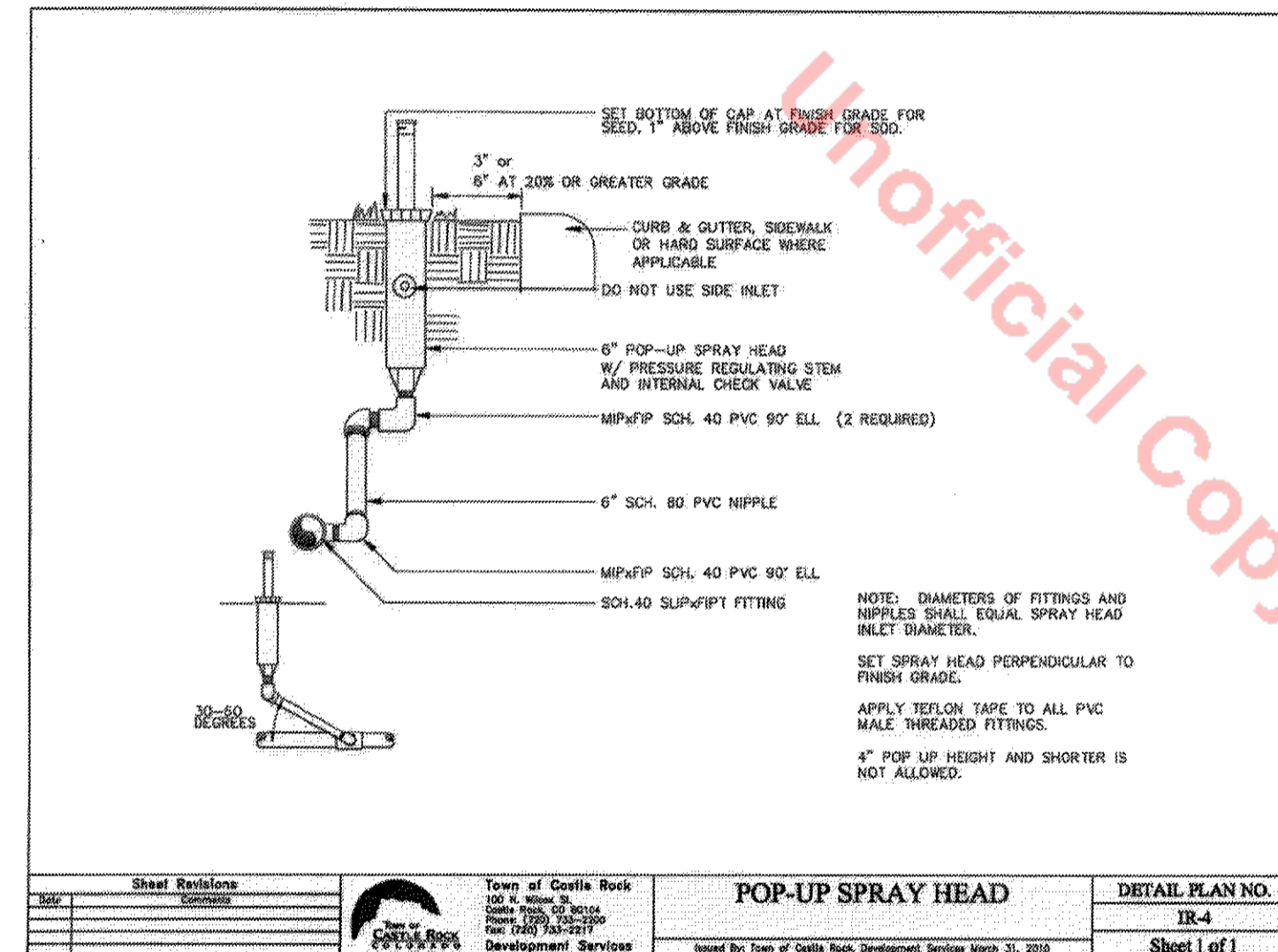
RAIN SENSOR - POLE MOUNT



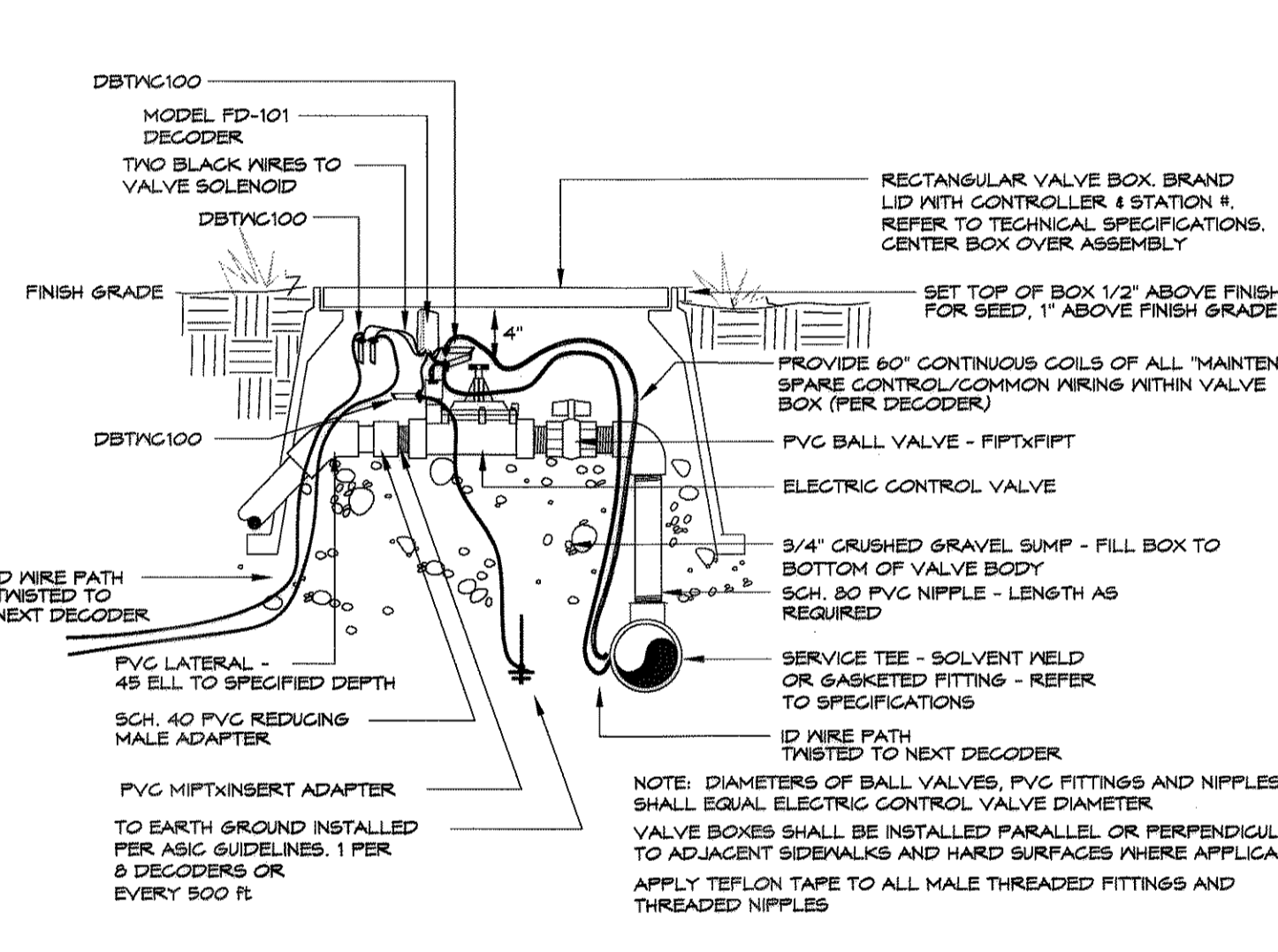
ELECTRIC CONTROL VALVE IN MULCH BEDS



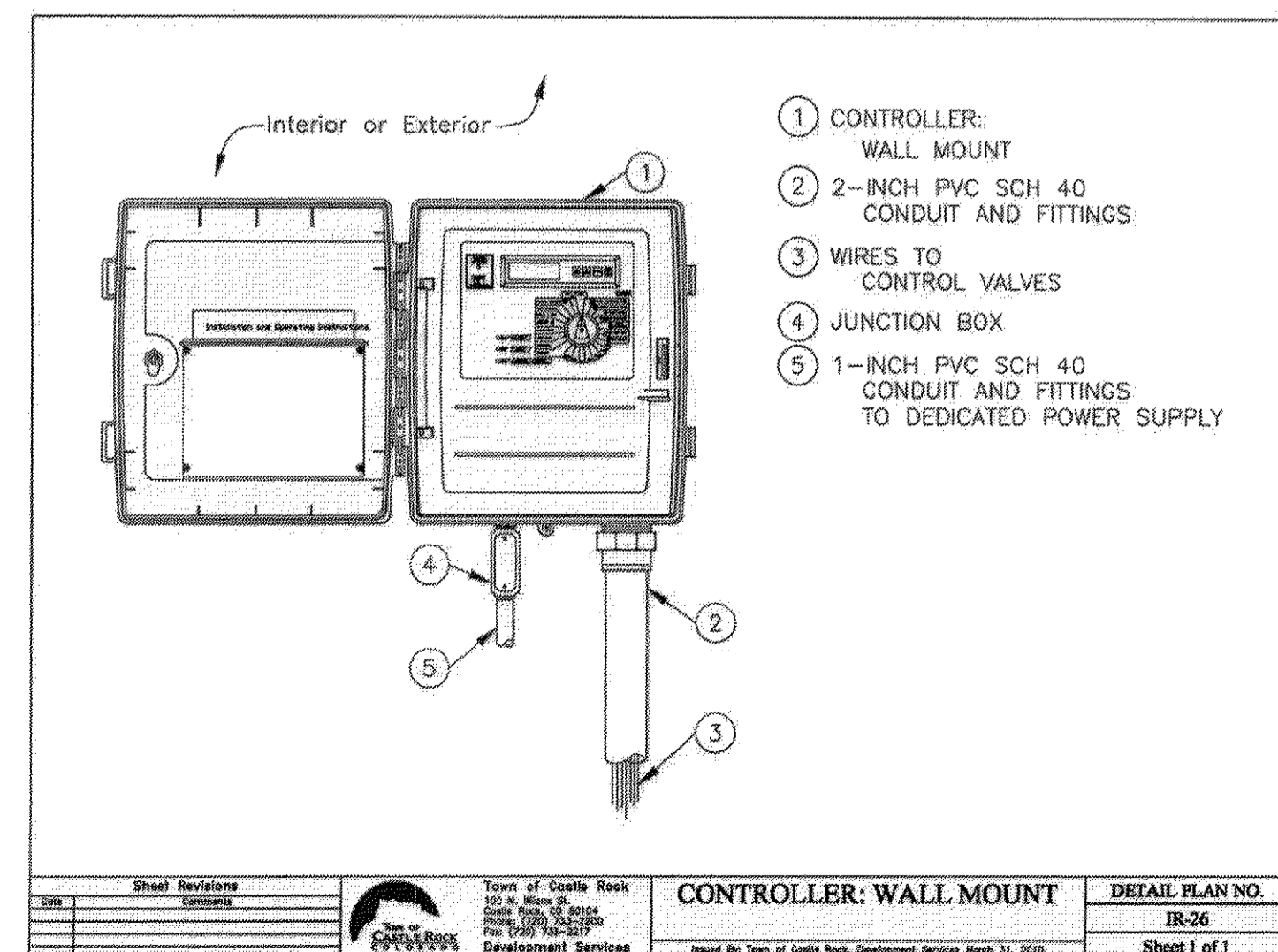
BACKFLOW ENCLOSURE



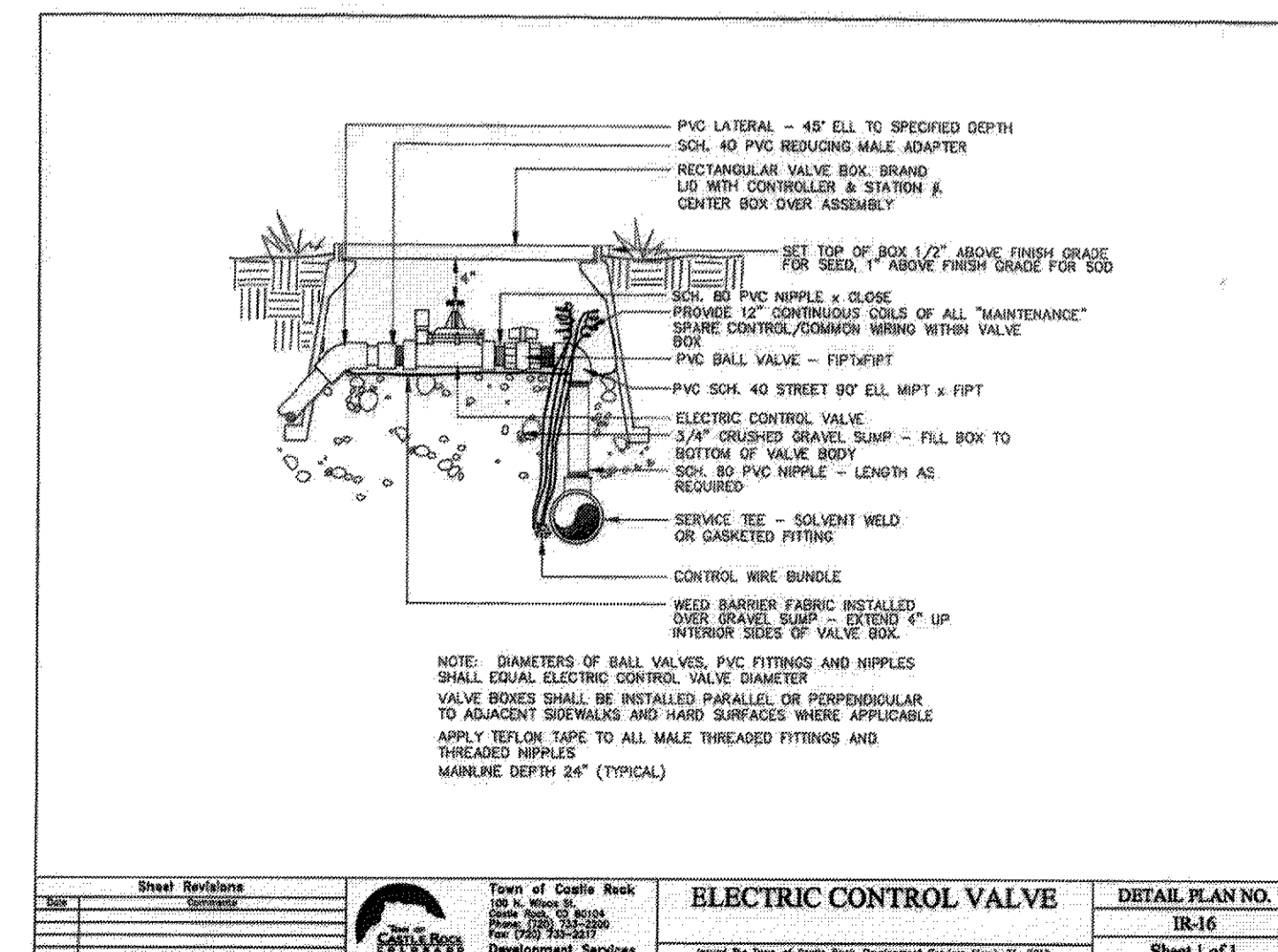
POP-UP SPRAY HEAD



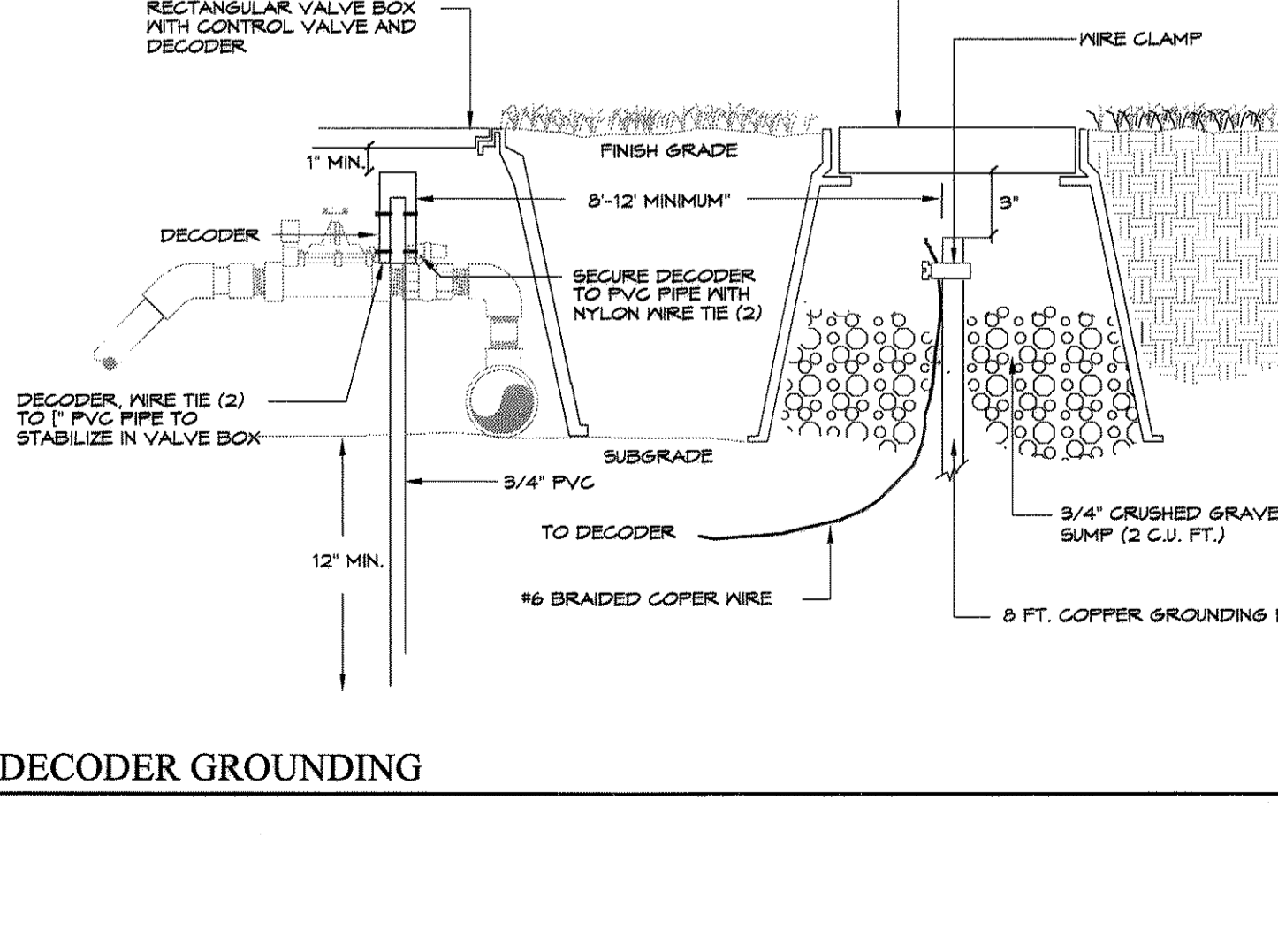
ELECTRIC CONTROL VALVE - 2-WIRE



CONTROLLER - WALL MOUNT



ELECTRIC CONTROL VALVE



DECODER GROUNDING

REFER TO SHEET
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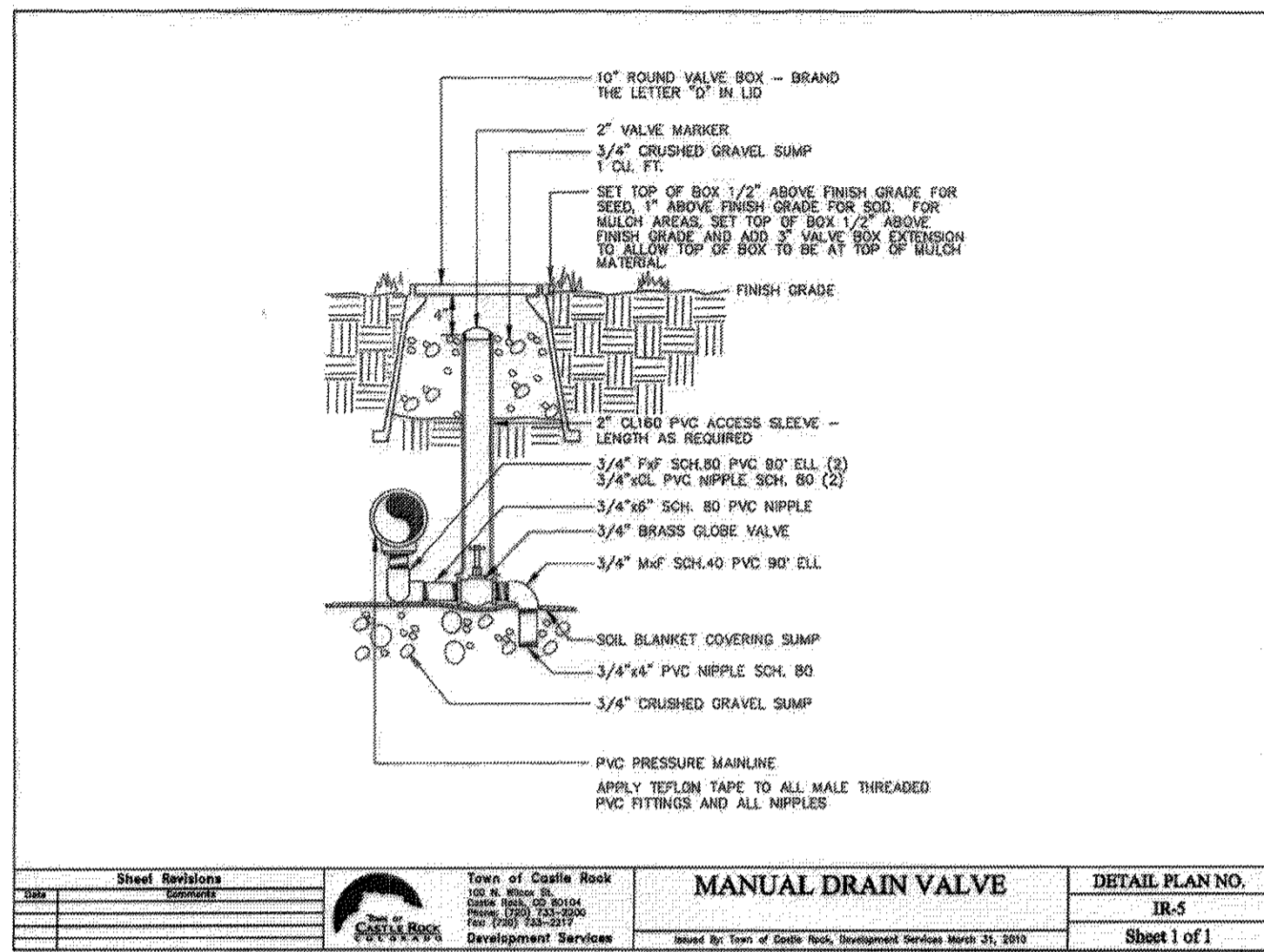
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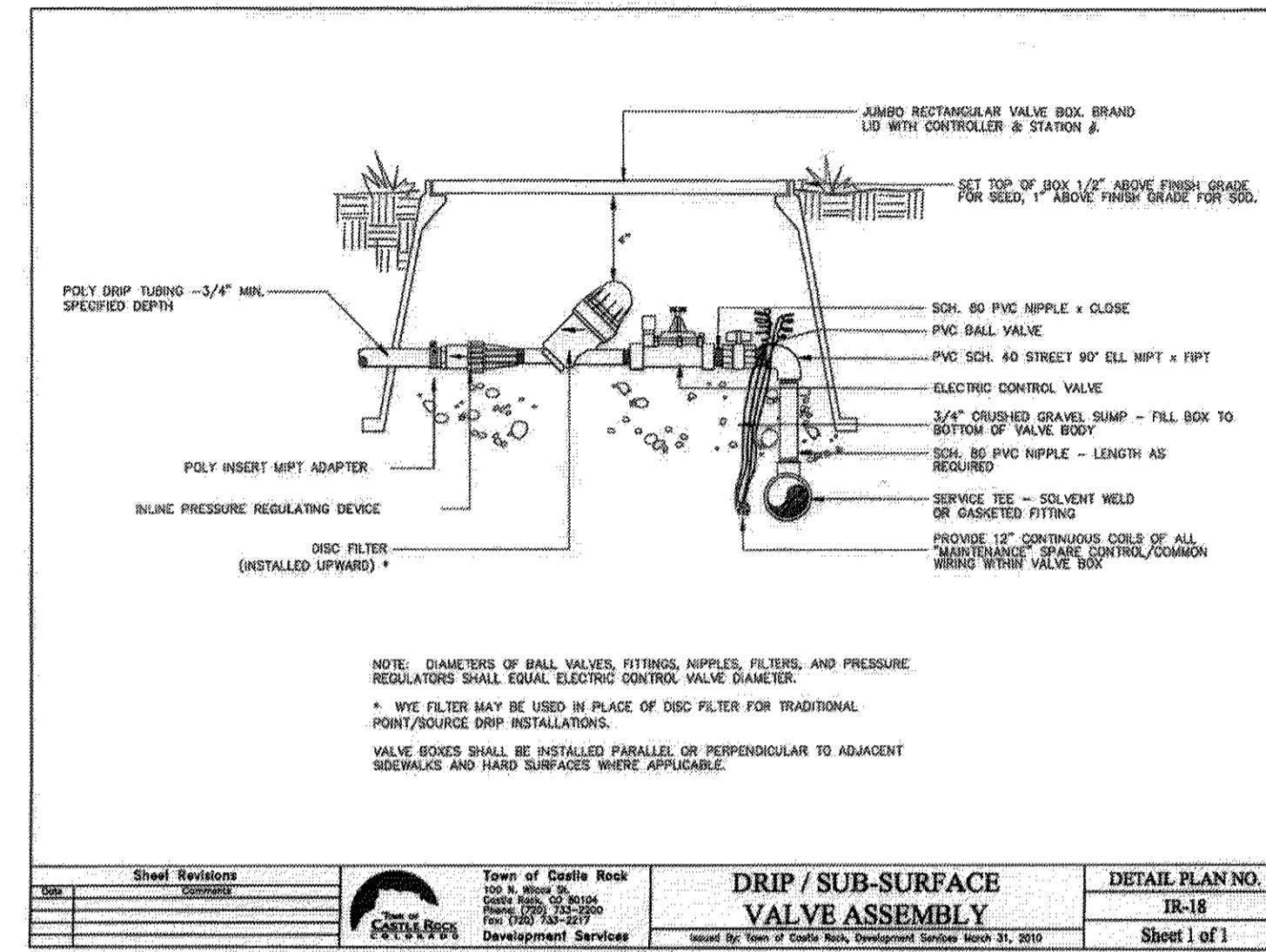
SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
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 FPD #10-0005
IRRIGATION DETAILS
SHEET 13 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

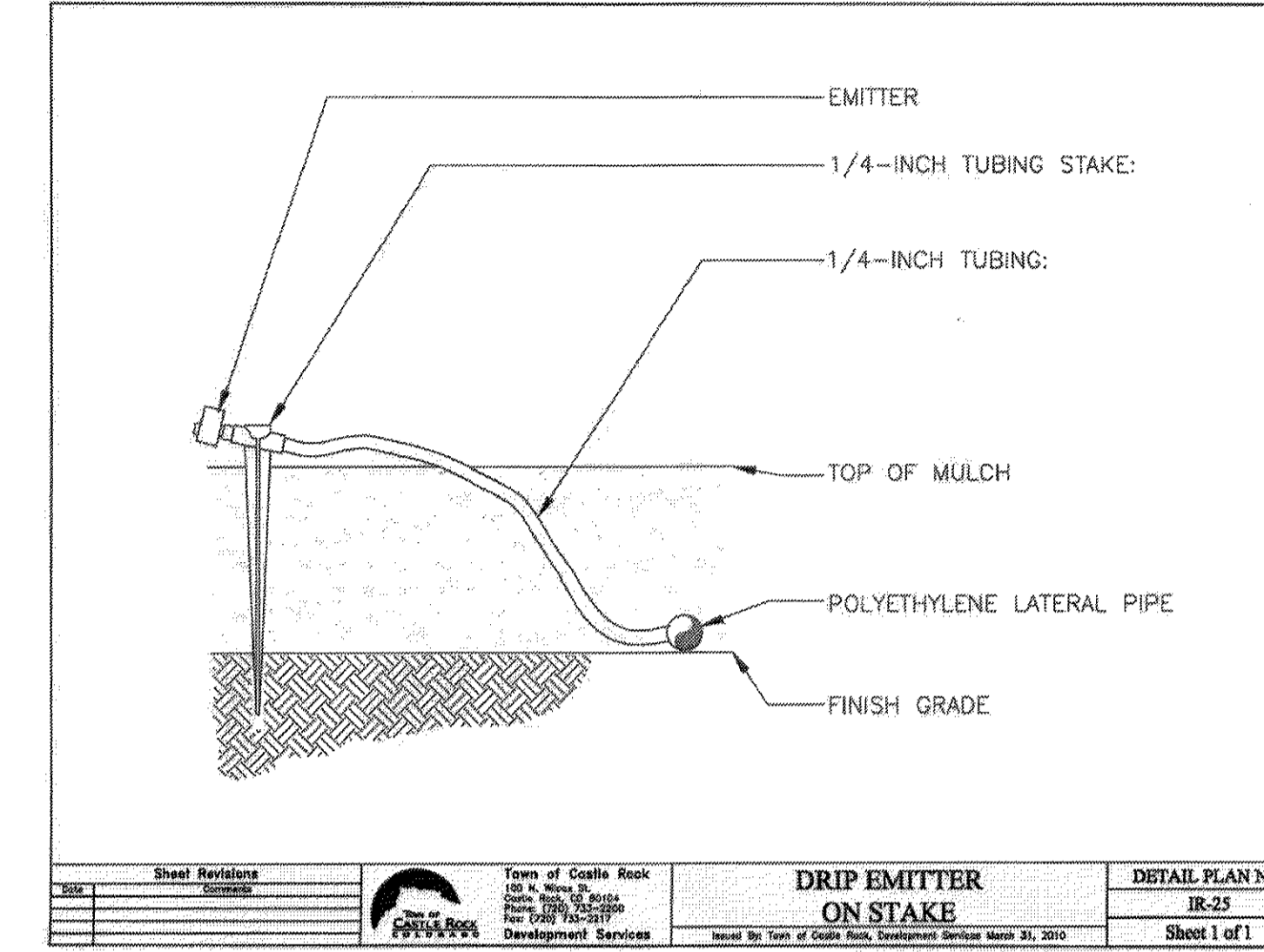
FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



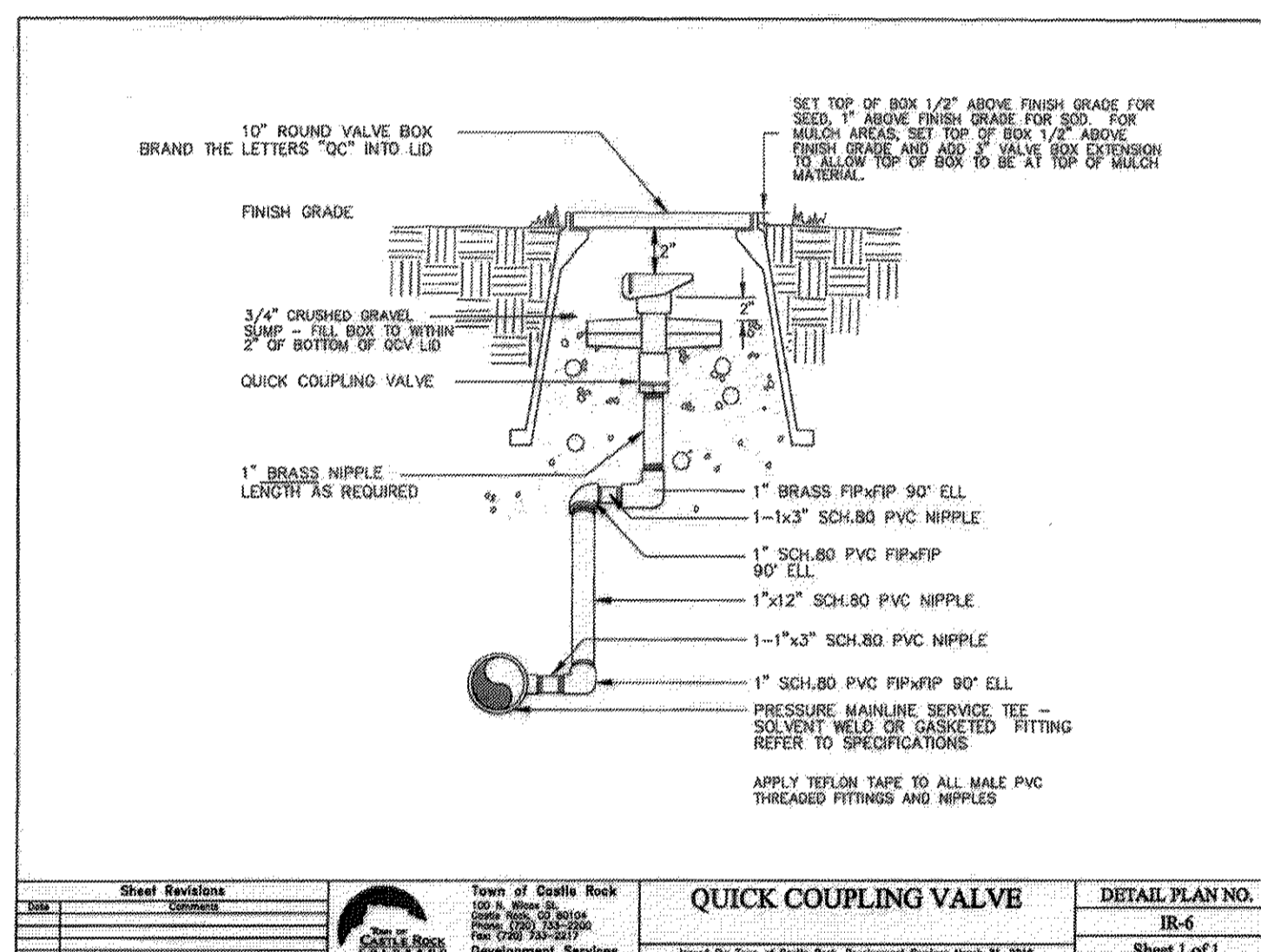
MANUAL DRAIN VALVE



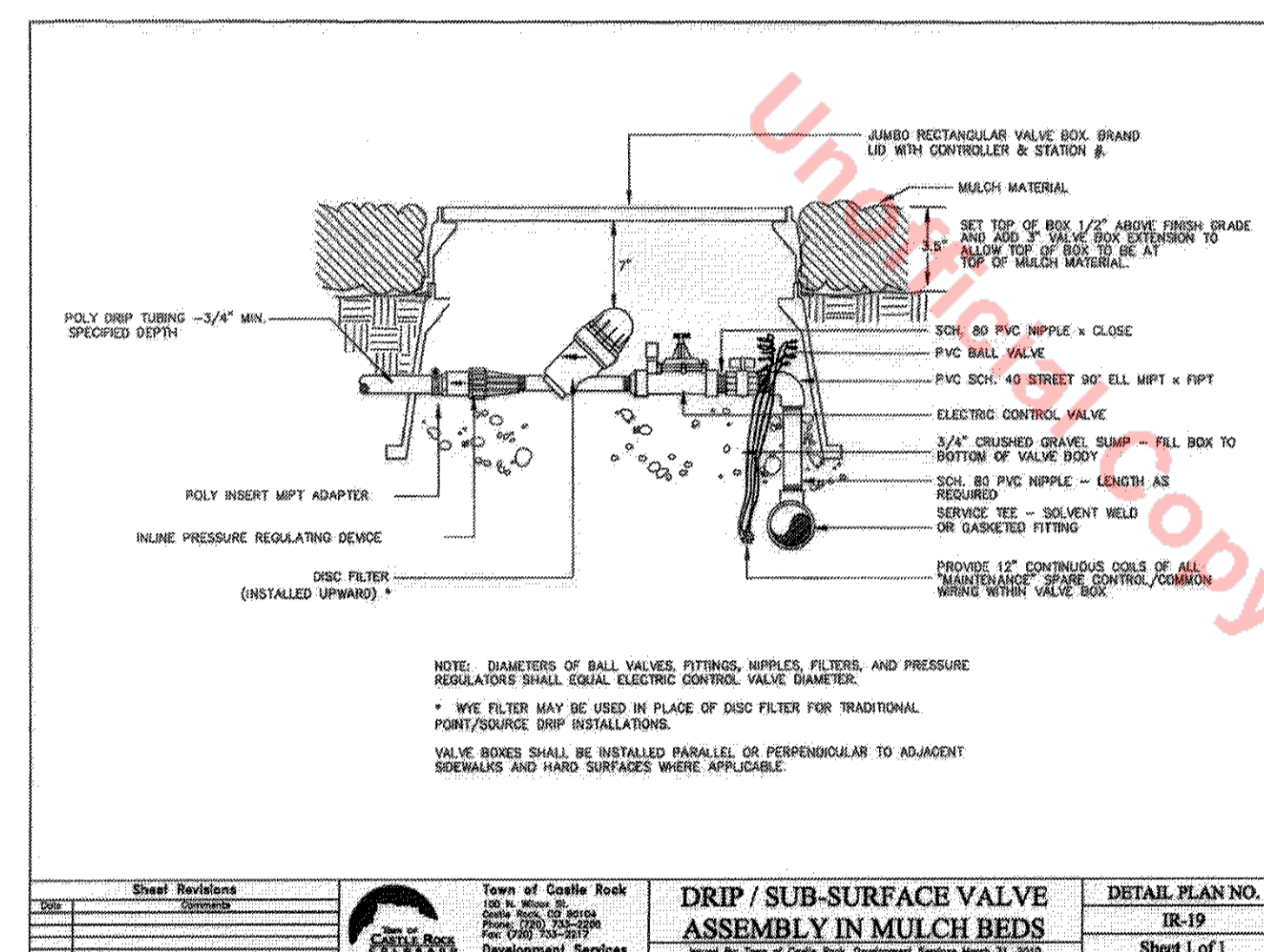
DRIP/SUBSURFACE VALVE ASSEMBLY



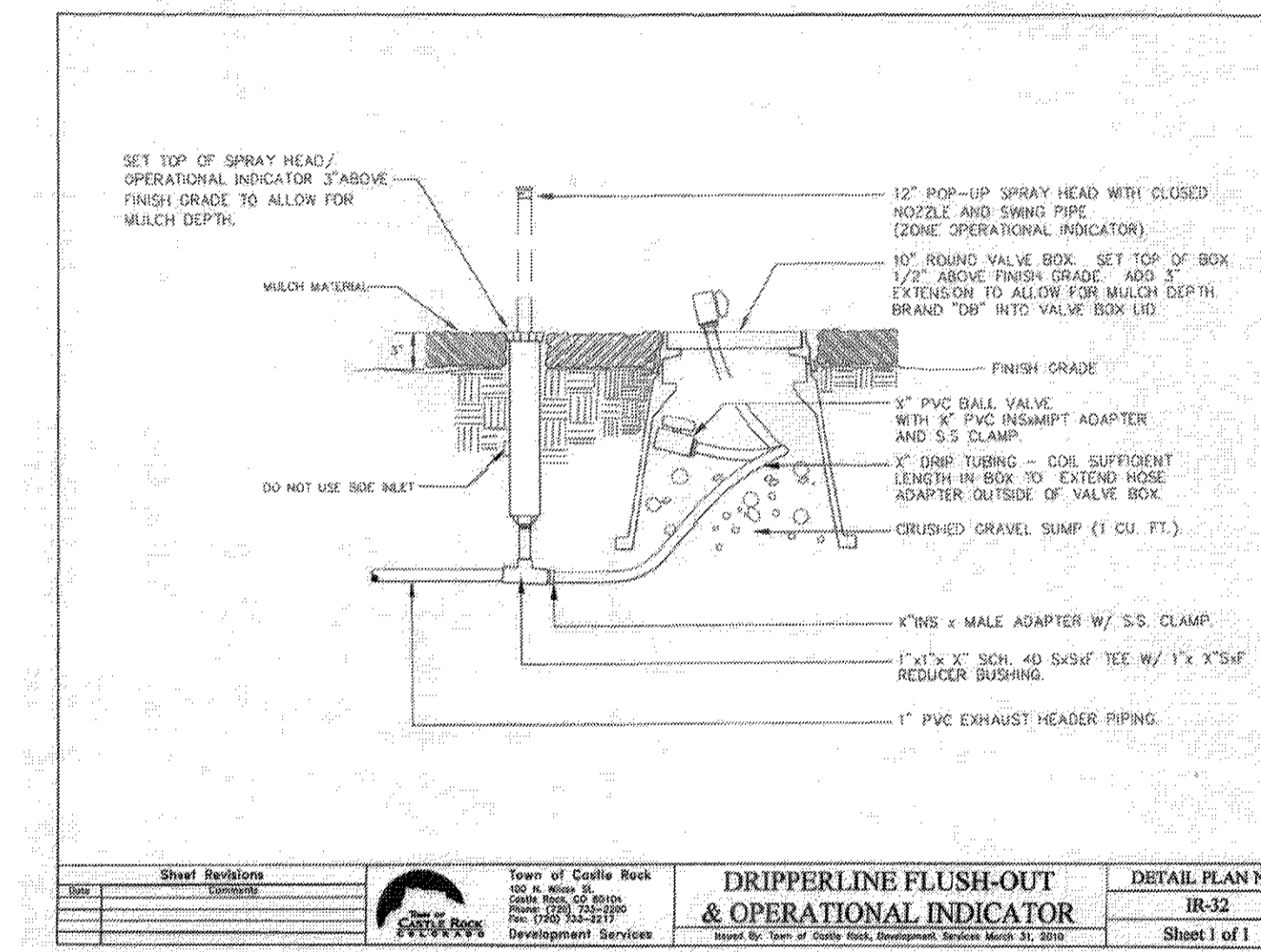
DRIP EMITTER ON A STAKE



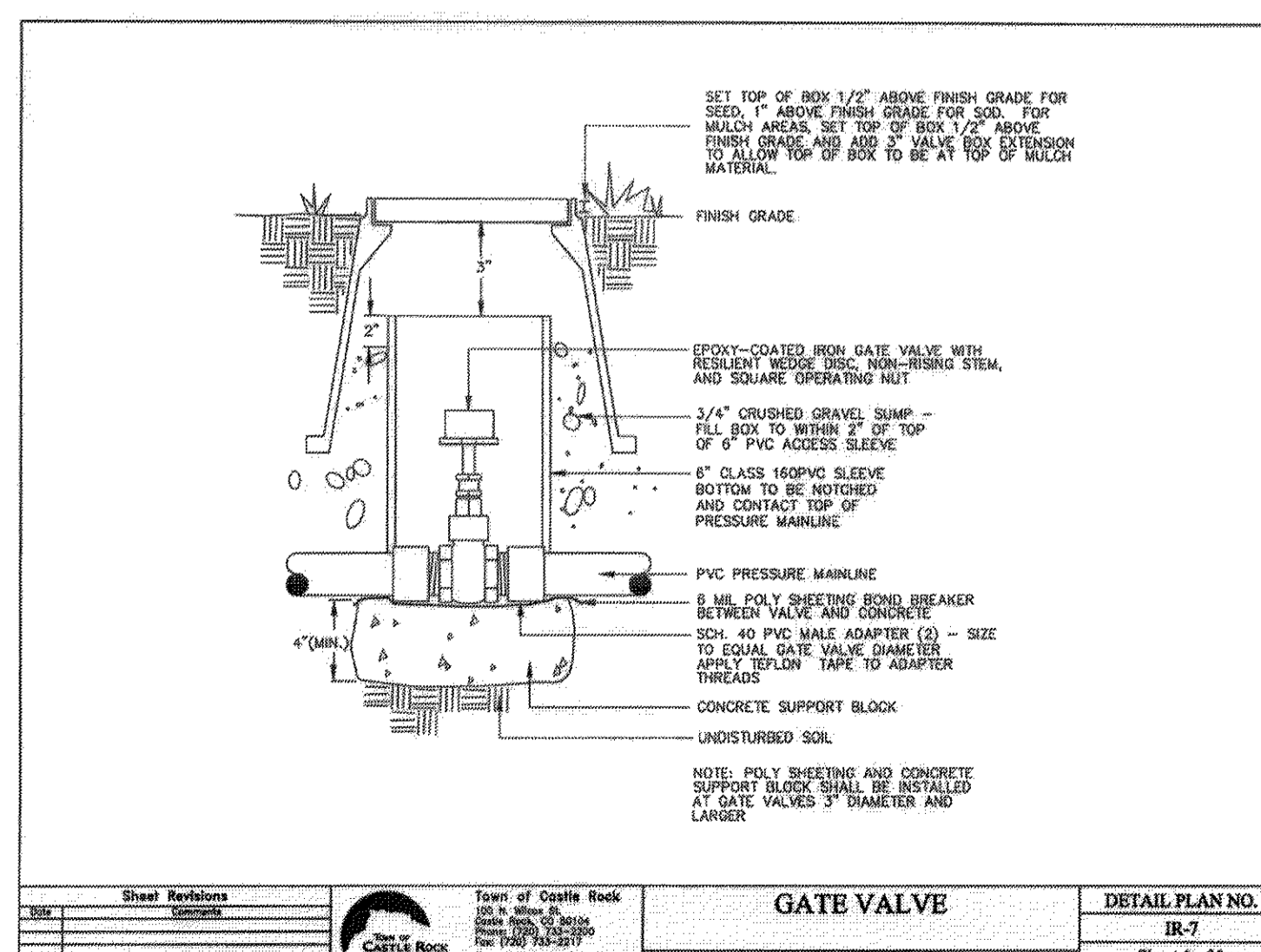
QUICK COUPLING VALVE



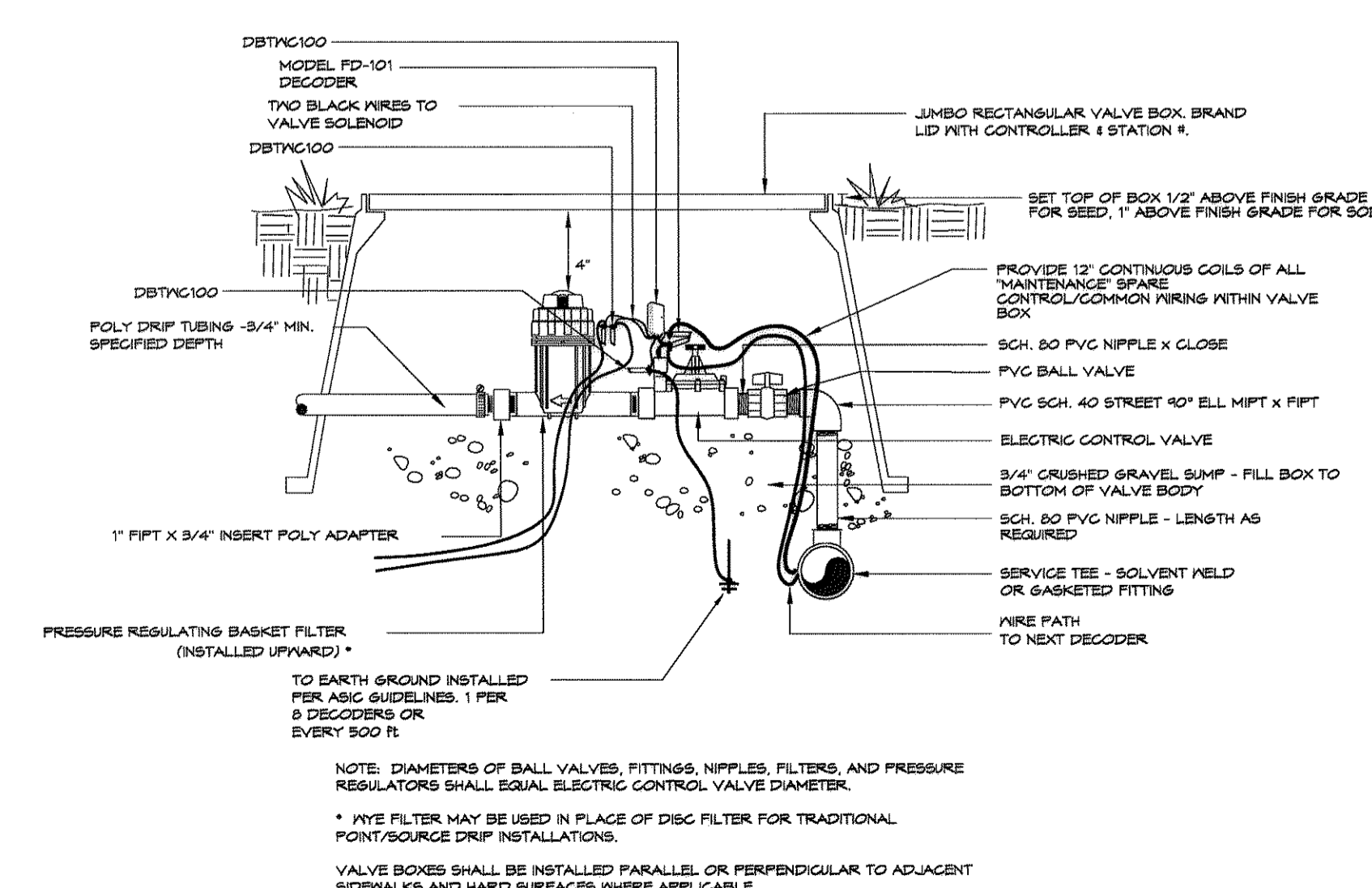
DRIP/SUBSURFACE VALVE ASSEMBLY IN MULCH BEDS



DRIPPERLINE FLUSH-OUT AND OPERATIONAL INDICATOR



GATE VALVE



DRIP VALVE ASSEMBLY - 2-WIRE

REFER TO SHEET

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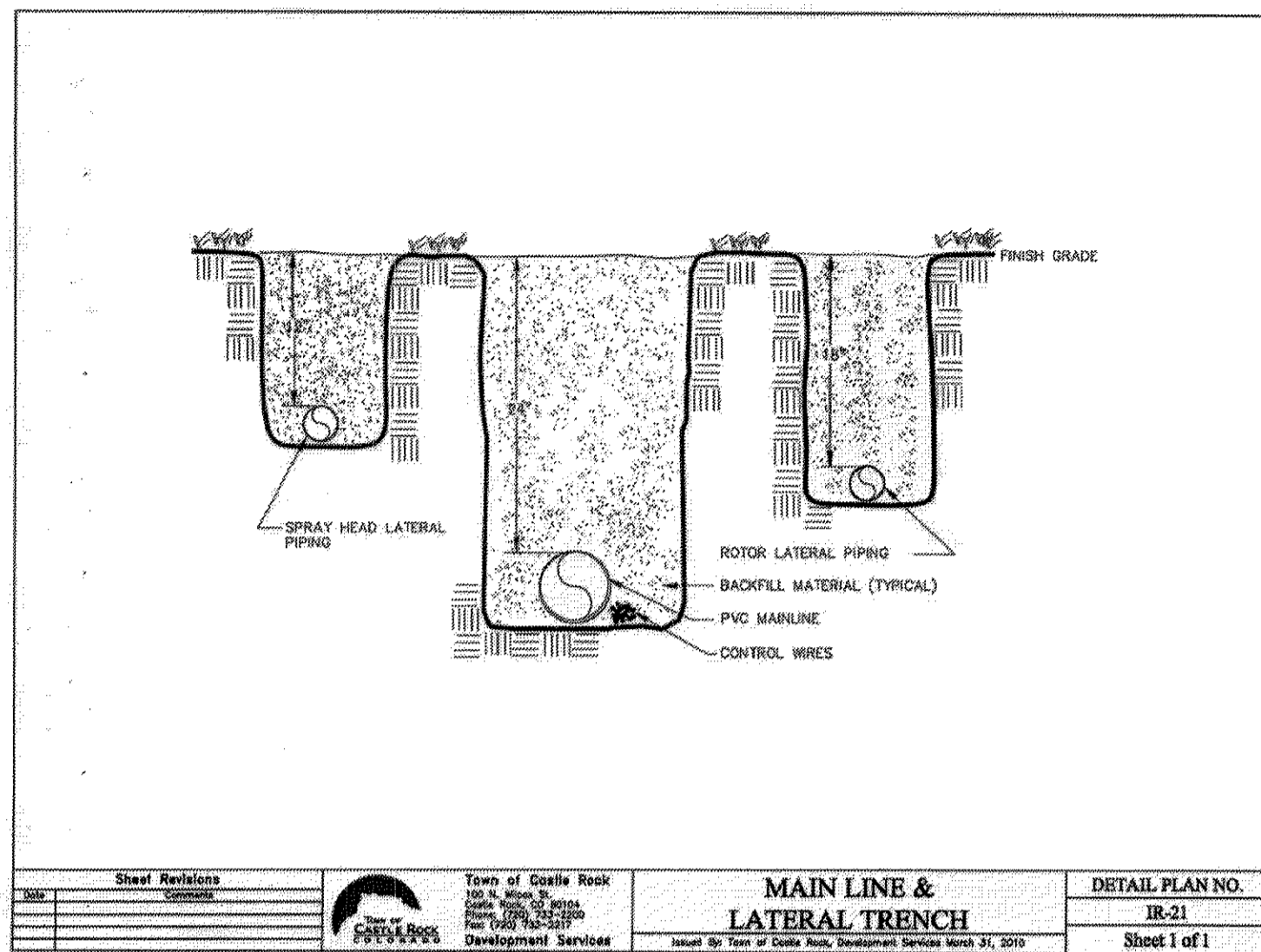
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FPD #10-0005
IRRIGATION DETAILS
SHEET 14 OF 23

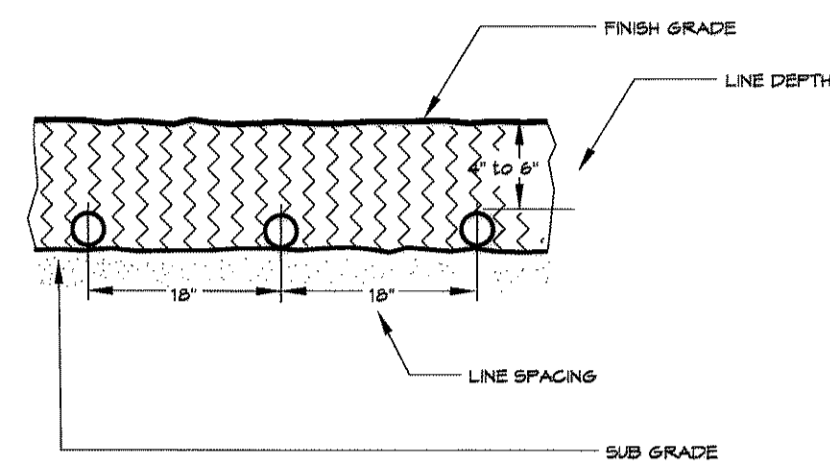
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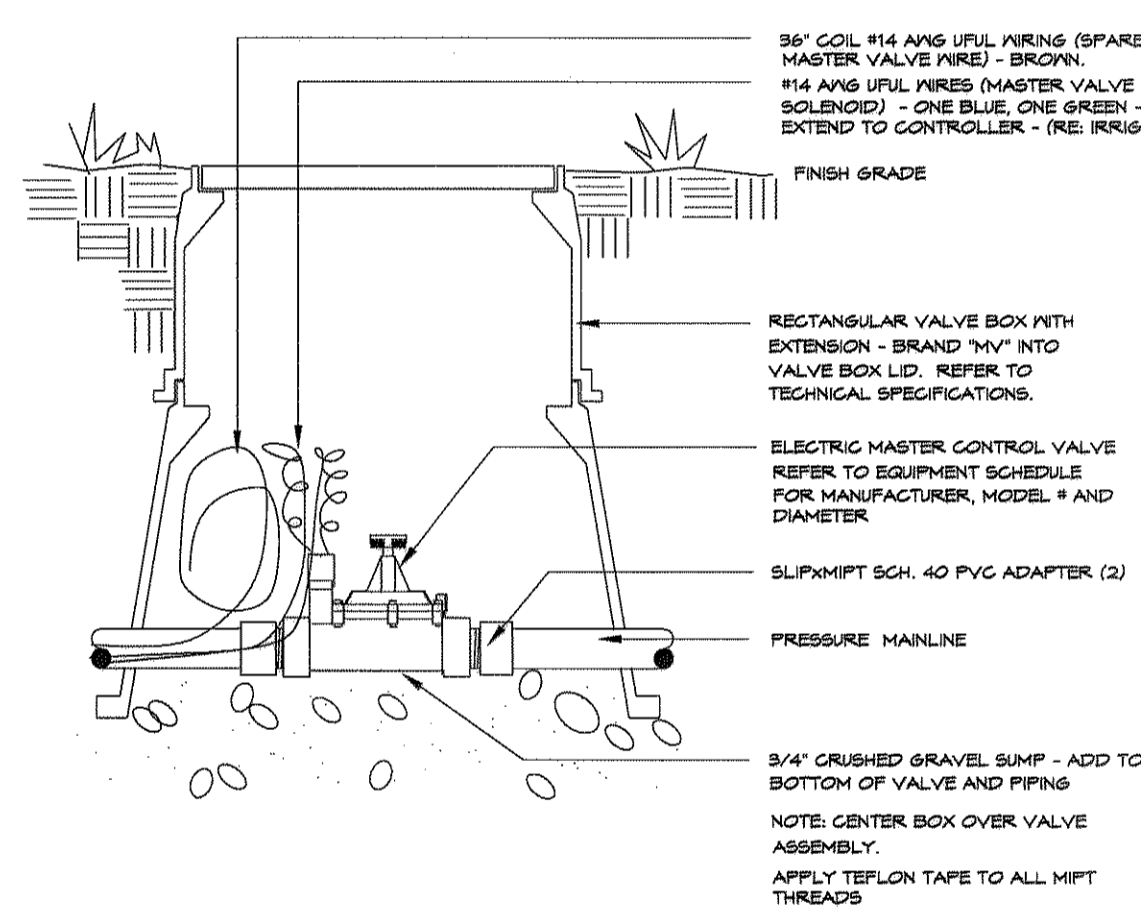
MAINLINE AND LATERAL TRENCH

18



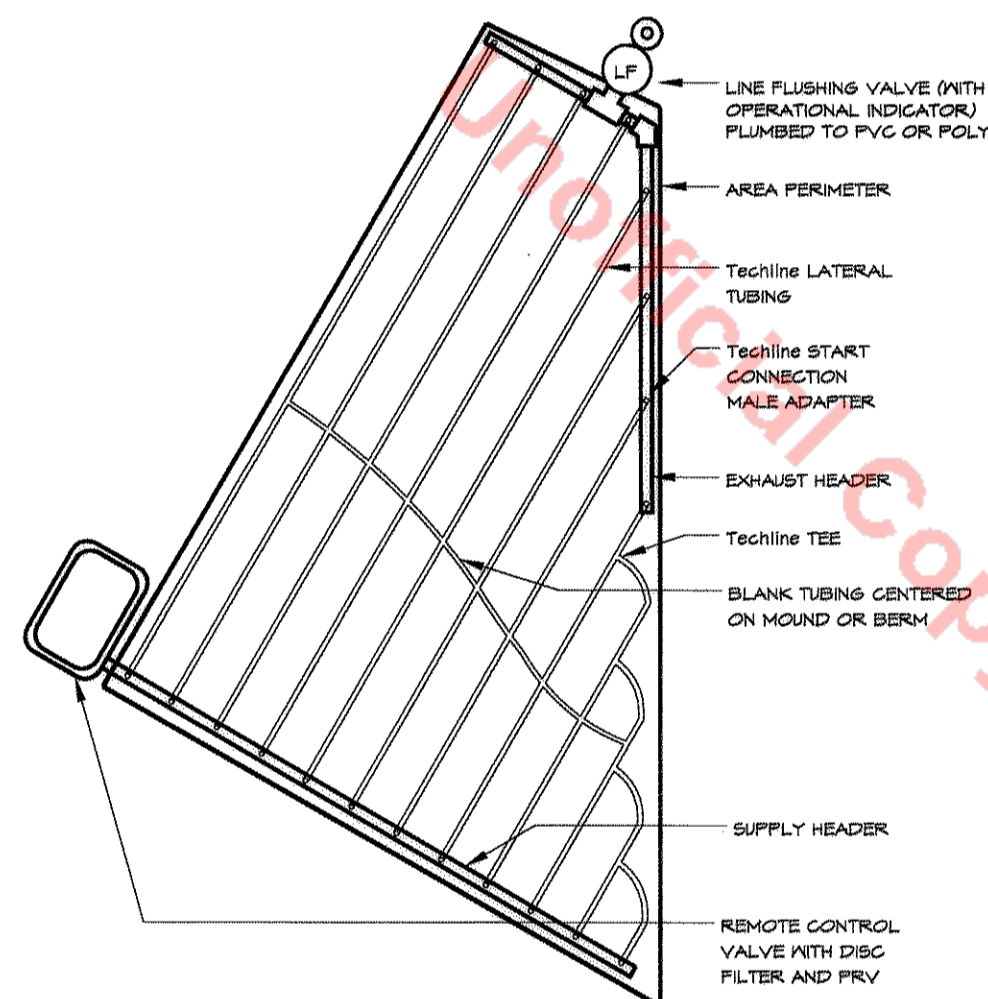
SUBSURFACE INSTALLATION

21



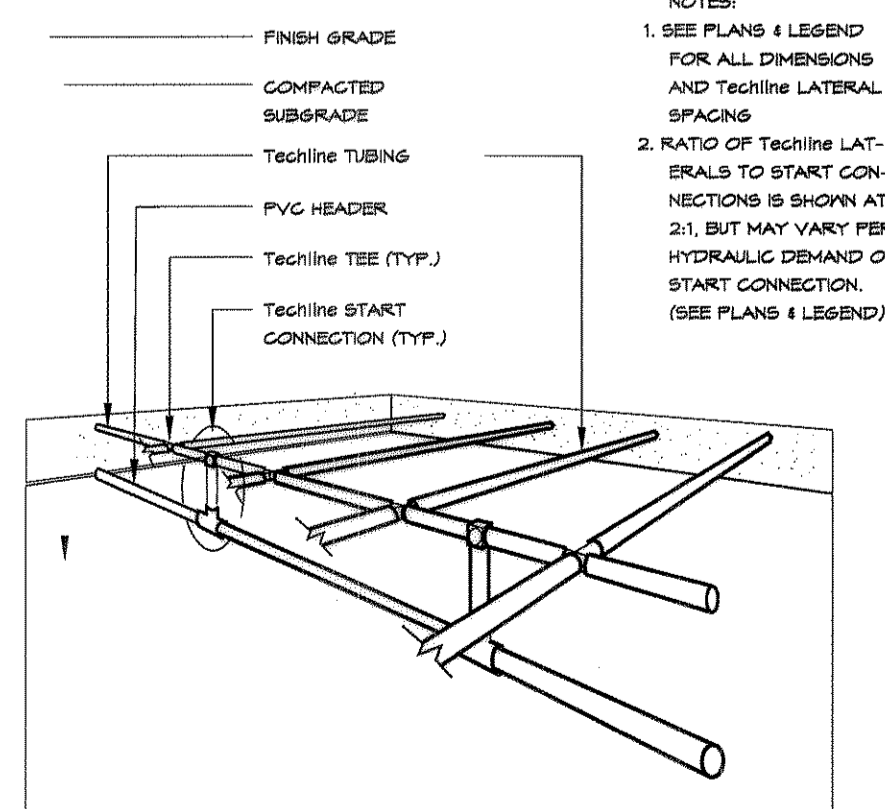
MASTER VALVE

19



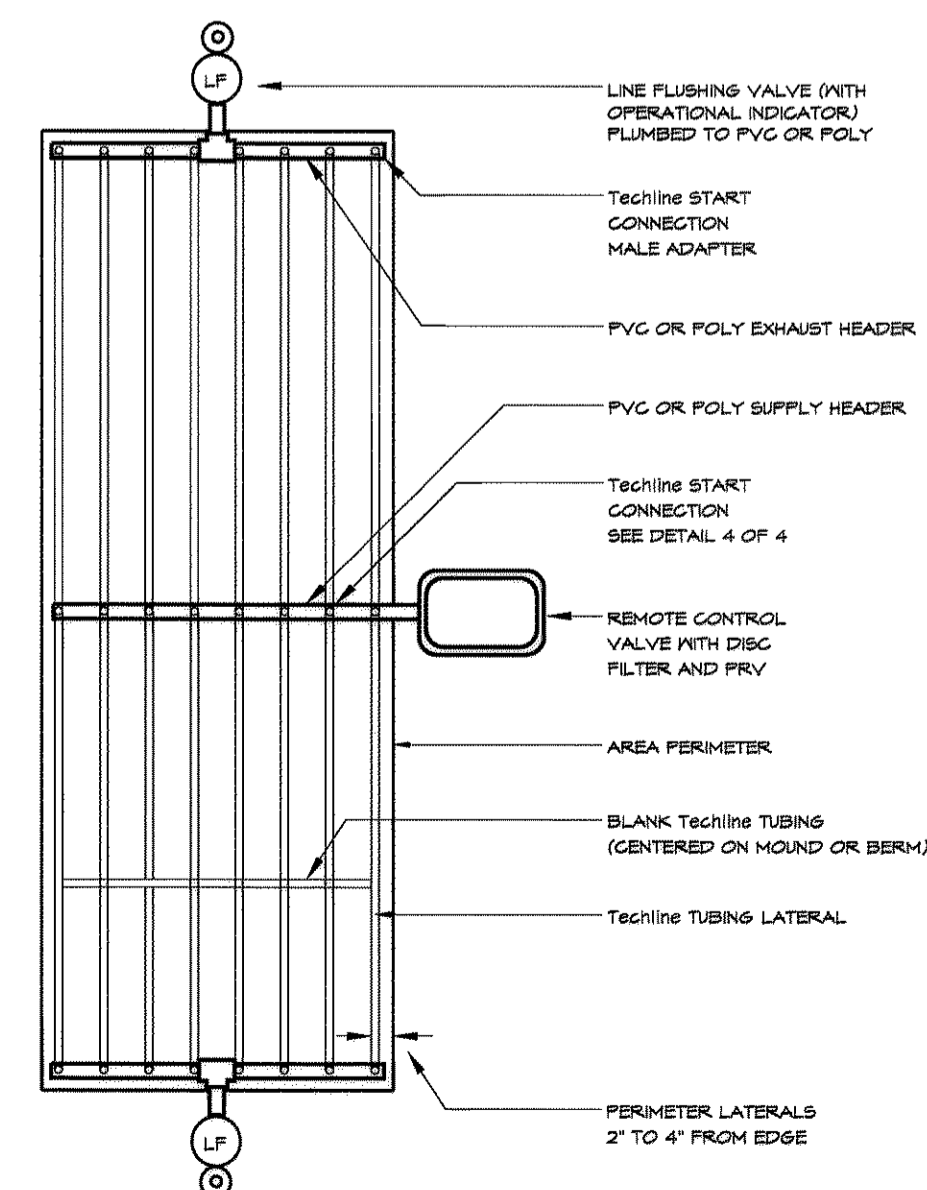
SUBSURFACE INSTALLATION - IRREGULAR AREAS

22



SUBSURFACE INSTALLATION

20



SUBSURFACE INSTALLATION - CENTER FEED

23

REFER TO SHEET

- 10 IRRIGATION NOTES & SCHEDULE
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MOB 2, PHASE 1B
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FPD #10-0005
IRRIGATION DETAILS
SHEET 15 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

Project Name: Castle Rock Adventist Medical Center - Medical Office Building 2,
Project Location: Castle Rock, Colorado Phase 1B
Date: 12-Dec-13

Seasonal Water Use and Peak Flow Projections Prepared By HydroSystems-KDI, Inc.

Description	Irrigated Acres	Month	Application Rate (in./month)	Monthly water use (gallons)	Maximum Required Flow (GPM)
Spray Irrigated TurfMaster Sod	0.03	April	0.00	0	1.0
		May	2.04	1,591	
		June	3.19	2,489	
		July	4.08	3,181	
		August	3.55	2,767	
		Sept.	2.13	1,660	
October	0.00	0			
annual sub-total	15.00 /yr		11,688 /yr	0.04 acrefeet	
Spray Irrigated Short Grass	0.00	April	0.00	0	0.0
		May	0.95	0	
		June	1.49	0	
		July	1.90	0	
		August	1.66	0	
		Sept.	0.99	0	
October	0.00	0			
annual sub-total	7.00 /yr		0 /yr	0.00 acrefeet	
Spray Irrigated Shrub Beds	0.00	April	0.00	0	0.0
		May	2.04	0	
		June	3.19	0	
		July	4.08	0	
		August	3.55	0	
		Sept.	2.13	0	
October	0.00	0			
annual sub-total	15.00 /yr		0 /yr	0.00 acrefeet	
Drip Irrigated Shrub Beds	0.35	April	0.00	0	6.2
		May	1.36	13,039	
		June	2.13	20,400	
		July	2.72	26,867	
		August	2.37	22,676	
		Sept.	1.42	13,607	
October	0.00	0			
annual sub-total	10.00 /yr		95,788 /yr	0.29 acrefeet	
Site Totals	0.38 irrigated acres		107,475 gals/yr	0.33 acrefeet/yr	

Uses a 3/4" Tap Peak Season Avg Flow (gpm) 7
Projections are based on a every third day per week, seven hour per day, peak season watering schedule.
Peak season application for TurfMaster Sod is 1.02" per week.
Peak season application for Short Grass is 0.48" per week.
Peak season application for Spray Irrigated Shrub Beds is 1.02" per week.
Peak season application for Drip Irrigated Shrub Beds is 0.68" per week.

MEDICAL OFFICE BUILDING 2 - TAP #1 WATER USE CHART (C1)

Project Name: Castle Rock Adventist Medical Center (New parking area being added only)
Project Location: Castle Rock, Colorado
Date: 12-Feb-14

Seasonal Water Use and Peak Flow Projections Prepared By HydroSystems-KDI, Inc.

Description	Irrigated Acres	Month	Application Rate (in./month)	Monthly water use (gallons)	Maximum Required Flow (GPM)
Spray Irrigated TurfMaster Sod	0.01	April	0.00	0	0.4
		May	2.04	639	
		June	3.19	1,000	
		July	4.08	1,277	
		August	3.55	1,111	
		Sept.	2.13	667	
October	0.00	0			
annual sub-total	15.00 /yr		4,694 /yr	0.01 acrefeet	
Spray Irrigated Short Grass	0.00	April	0.00	0	0.0
		May	0.95	0	
		June	1.49	0	
		July	1.90	0	
		August	1.66	0	
		Sept.	0.99	0	
October	0.00	0			
annual sub-total	7.00 /yr		0 /yr	0.00 acrefeet	
Spray Irrigated Shrub Beds	0.00	April	0.00	0	0.0
		May	2.04	0	
		June	3.19	0	
		July	4.08	0	
		August	3.55	0	
		Sept.	2.13	0	
October	0.00	0			
annual sub-total	15.00 /yr		0 /yr	0.00 acrefeet	
Drip Irrigated Shrub Beds	0.10	April	0.00	0	1.8
		May	1.36	3,804	
		June	2.13	5,951	
		July	2.72	7,604	
		August	2.37	6,615	
		Sept.	1.42	3,970	
October	0.00	0			
annual sub-total	10.00 /yr		27,944 /yr	0.09 acrefeet	
Site Totals	0.11 irrigated acres		32,638 gals/yr	0.10 acrefeet/yr	

Using and existing 4" Tap Peak Season Avg Flow (gpm) 2
Projections are based on a every third day per week, seven hour per day, peak season watering schedule.
Peak season application for Canadian Blue Fescue is 1.02" per week.
Peak season application for Short Grass is 0.48" per week.
Peak season application for Spray Irrigated Shrub Beds is 1.02" per week.
Peak season application for Drip Irrigated Shrub Beds is 0.68" per week.

CRAMC (NEW AREA BEING ADDED) - WATER USE CHART (C4)

Town of Castle Rock Irrigation System Hydraulic Worksheet
Project Name: Castle Rock Adventist Medical Center (Medical Office Bldg. 2, Phase 1B)
Project Location: Castle Rock, Colorado

Prepared by: Jill Bersano, HydroSystems-KDI, Inc.
Current TOCR Registration # 7075
Date: 12-Feb-14
Tap Size: 3/4" (Tap #1)
Static Water Pressure: 86.00 From: Denise Lannon of: Utilities Department

Hydraulic Grade At Zone: B9

Equipment or Material	Quantity (one if not specified)	Nominal Size	Equipment or Pipe Material	Friction Loss Through Pipe per Chart (psi)	Velocity through pipes (ft/sec)	Flow Rate (gpm)	Loss/Gain (psi)
Corp Stop:		3/4"	Typical Corp. Stop			10	0.90
Svc Line (tap to meter):	40	1/2"	40 LF 3/4" K Copper	14.41 /100 FT	7.35	10	5.76
Curb Stop:		3/4"	Typical Curb Stop			10	0.50
Water Meter:		3/4"	Typical Meter			10	1.60
Svc Line (meter to backflow):	10	1/2"	10 LF 3/4" K Copper	14.41 /100 FT	7.35	10	1.44
Backflow:		3/4"	Febo 825YA			10	12.50
Stop & Waste:		3/4"	Gate Valve			10	0.02
Master Valve:		3/4"	Rainbird BPE			10	2.00
Flow Sensor:		3/4"	Flow Sensor			10	2.00
Gate Valve:	3	1 1/2"	Typical Bronze Gate Valve			10	0.02
Pressure Required at Head:			Pop-ups				30.00
Lateral Allowance:							3.00
Control Valve allowance:	1	"	Rainbird PEB			10	2.90
Mainline allowances:	400	1/2"	CL 200 PVC	0.22 /100 FT	1.38	10	0.880
Mainline Fitting allowance:			10% of Mainline allowances				0.09
Elevation:	Tap Elev.	0	Control Valve Elev.	5			2.17
Factor of Safety:			10% System Losses				6.58

Total System requirements (PSI) 72.36
Available pressure (PSI) 86.00
Difference (PSI) 13.64

Town of Castle Rock provides a minimum of 43 psi
Total irrigated area for this new tap is 16,669 sq. ft.

MEDICAL OFFICE BUILDING 2 - HYDRAULIC WORKSHEET (C2)

Project Name: Castle Rock Adventist Medical Center (Phase 1a, Phase 2a, Temporary Gardens, Restaurant Garden & New Parking Lot)
Project Location: Castle Rock, Colorado
Date: 12-Feb-14

Seasonal Water Use and Peak Flow Projections Prepared By HydroSystems-KDI, Inc.

Description	Irrigated Acres	Month	Application Rate (in./month)	Monthly water use (gallons)	Maximum Required Flow (GPM)
Spray Irrigated Canadian Blue Fescue & TurfMaster Sod	1.16	April	0.00	0	38.9
		May	2.04	64,465	
		June	3.19	100,860	
		July	4.08	128,878	
		August	3.55	112,111	
		Sept.	2.13	67,274	
October	0.00	0			
annual sub-total	15.00 /yr		473,587 /yr	1.45 acrefeet	
Spray Irrigated Short Grass	3.06	April	0.00	0	37.7
		May	0.95	79,133	
		June	1.49	123,809	
		July	1.90	158,202	
		August	1.66	137,620	
		Sept.	0.99	82,581	
October	0.00	0			
annual sub-total	7.00 /yr		581,344 /yr	1.78 acrefeet	
Spray Irrigated Shrub Beds	0.30	April	0.00	0	7.9
		May	2.04	16,675	
		June	3.19	26,090	
		July	4.08	33,337	
		August	3.55	29,000	
		Sept.	2.13	17,402	
October	0.00	0			
annual sub-total	15.00 /yr		122,504 /yr	0.38 acrefeet	
Drip Irrigated Shrub Beds	3.43	April	0.00	0	60.3
		May	1.36	126,672	
		June	2.13	198,188	
		July	2.72	253,243	
		August	2.37	220,296	
		Sept.	1.42	132,193	
October	0.00	0			
annual sub-total	10.00 /yr		930,593 /yr	2.86 acrefeet	
Site Totals	7.95 irrigated acres		2,108,028 gals/yr	6.47 acrefeet/yr	

Using and existing 4" Tap Peak Season Avg Flow (gpm) 145
Projections are based on a every third day per week, seven hour per day, peak season watering schedule.
Peak season application for Canadian Blue Fescue & TurfMaster Sod is 1.02" per week.
Peak season application for Short Grass is 0.48" per week.
Peak season application for Spray Irrigated Shrub Beds is 1.02" per week.
Peak season application for Drip Irrigated Shrub Beds is 0.68" per week.

CRAMC (ALL INSTALLED AREAS ONLY) - WATER USE CHART (C5)

IRRIGATION CHART CONTROLLER "B"

Zone	Hydrozone	Plant Type	Head Type	Nozzle	App. Rate	GPM	Inches/Month	Run Time	Run Time	Water Usage
Ex. 1	High	Blue Grass	RB 1808 SAM PRS	19'	1.83	13	0	197	13	2951
Ex. 2	Low	Buffalo Grass	Hunter I-20	2	0.4	10	1	150	10	2260
B1	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	1.00	4	2.72	163	11	653
B2	Mod	TurfMaster Sod	Netalun	26gph x 18 x 18	0.43	9	4.08	269	38	5724
B3	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	1.00	4	2.72	163	11	653
B4	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	1.00	4	2.72	163	11	653
B5	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	1.00	4	2.72	163	11	653
B6	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	1.00	11	2.72	163	11	163
B7	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	2.01	4	2.72	81	5	325
B8	Low	Shrub, Trees and/or Perennials	Drip	0.5gph - 1.0gph	2.01	4	2.72	81	5	325
B9	Mod	TurfMaster Sod	RB 1808 SAM PRS	19'	1.83	6	4.08	134	9	803
B10										
B11										
B12										
B13										
B14										
B15										
B16										
B17										
B18										
Total								Min/Month 1681	Min/Cycle 112	Gallons/Month 9350

MEDICAL OFFICE BUILDING 2 - CONTROLLER CHART "B" (C3)

Project Name: Castle Rock Adventist Medical Center (All 6 Phases)
Project Location: Castle Rock, Colorado
Date: 27-Aug-10

Seasonal Water Use and Peak Flow Projections Prepared By HydroSystems-KDI, Inc.

Description	Irrigated Acres	Month	Application Rate (in./month)	Monthly water use (gallons)	Maximum Required Flow (GPM)
Spray Irrigated Canadian Blue Fescue	7.62	April	0.00	0	254.8
		May	2.04	422,544	
		June	3.19	661,101	
		July	4.08	844,749	
		August	3.55	734,847	
		Sept.	2.13	440,959	
October	0.00	0			
annual sub-total	15.00 /yr		3,104,200 /yr	9.53 acrefeet	
Spray Irrigated Short Grass	1.53	April	0.00	0	18.8
		May	0.95	39,518	
		June	1.49	61,829	
		July	1.90	79,005	
		August	1.66	68,726	
		Sept.	0.99	41,240	
October	0.00	0			
annual sub-total	7.00 /yr		290,319 /yr	0.89 acrefeet	
Spray Irrigated Shrub Beds	0.59	April	0.00	0	15.5
		May	2.04	32,459	
		June	3.19	50,785	
		July	4.08	64,893	
		August	3.55	56,450	
		Sept.	2.13	33,874	
October	0.00	0			
annual sub-total	15.00 /yr		238,462 /yr	0.73 acrefeet	
Drip Irrigated Shrub Beds	0.58	April	0.00	0	10.3
		May	1.36	21,583	
		June	2.13	33,768	
		July	2.72	43,148	
		August	2.37	37,535	
		Sept.	1.42	22,523	
October	0.00	0			
annual sub-total	10.00 /yr		158,557 /yr	0.49 acrefeet	
Site Totals	10.32 irrigated acres		3,791,538 gals/yr	11.64 acrefeet/yr	

Using and existing 4" Tap Peak Season Avg Flow (gpm) 299
Projections are based on a every third day per week, seven hour per day, peak season watering schedule.
Peak season application for Canadian Blue Fescue is 1.02" per week.
Peak season application for Short Grass is 0.48" per week.
Peak season application for Spray Irrigated Shrub Beds is 1.02" per week.
Peak season application for Drip Irrigated Shrub Beds is 0.68" per week.

CRAMC (ALL 6 PHASES) - WATER USE CHART (C6)

REFER TO SHEET
10 IRRIGATION NOTES & SCHEDULE
11 - 12 IRRIGATION PLANS
13 - 15 IRRIGATION DETAILS
16 - 17 IRRIGATION CHARTS



Registered Landscape Professional/Irrigation Designer:
Jill Bersano #7075

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SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

Town of Castle Rock Irrigation System Hydraulic Worksheet

Project Name: Castle Rock Adventist Medical Center
Project Location: Castle Rock, Colorado

Prepared by: Jill Bersano, HydroSystems-KDI, Inc.
Current TOCR Registration #: 7075
Date: 12-Feb-14

Tap Size: 4" tap with 3" meter at this time (refer to public works variance #PWV19-0020) (Phase 1A & 2A only)
Static Water Pressure: 90.00 From: Town of Castle Rock of: Utilities Department



IRRIGATION CHART - EXISTING CONTROLLER "A"

Contact Information
Registered Landscaper: Jill Bersano
Company Name: HydroSystemsKDI
Address: 880 Tabor Street, Suite 200, Lakewood, CO 80401
Phone: 303.980.3327 Email: jill@hydro-systems.com
Registration # 7075 Design # 1400000000

Hydraulic Grade At Zone: Unknown at this time

Equipment or Material	Quantity (one if not specified)	Nominal Size	Equipment or Pipe Material	Friction Loss Through Pipe per Chart (psi)	Velocity through pipes (ft/sec)	Flow Rate (gpm)	Loss/Gain (psi)
Comp Stop:			4" Typical Bronze Gate Valve			150	0.03
Svc Line (tap to meter):	15 LF		4" Duct. Iron	1.10 /100 FT	3.77	150	0.17
Curb Stop:			4" Typical Bronze Gate Valve			150	0.03
Water Meter:			3" Typical Meter			70	1.30
Svc Line (meter to backflow):	10 LF		4" Duct. Iron	1.10 /100 FT	3.77	150	0.11
Backflow:			4" Febco 880			150	12.50
Stop & Waste:			4" Gate Valve			70	0.02
Master Valve:			3" Rainbird BPE			70	2.00
Flow Sensor:			4" Flow Sensor			70	2.00
Gate Valve:	1		6" Typical Bronze Gate Valve			70	0.02
Gate Valve:	10		4" Typical Bronze Gate Valve			70	0.05
Pressure Required at Head:			Rotor			45.00	
Lateral Allowance:						3.00	
Control Valve allowance:			2" Rainbird PEB			70	3.30
Mainline allowances:	15 LF 2800 LF Looped	6" CL 200 PVC 4" CL 200 PVC	0.02 /100 FT 0.03 /100 FT	0.8 0.86		70 70	0.003 0.84
Mainline Fitting allowance:			10% of Mainline allowances				0.08
Elevation:	Tap Elev.	6130	Control Valve Elev.	6134			1.73
Factor of Safety:			10% System Losses				7.22
Total System requirements (PSI)							79.40
Available pressure (PSI)							90.00
Difference (PSI)							10.60

ALL MAINLINE PIPING IS SIZED FOR FULL BUILD OUT OF ALL 6 PHASES.

Town of Castle Rock provides a minimum of 43 psi
Total irrigated area for tap #1 (just phase 1a, Phase 2a, Gardens & New Parking lot) is 346,280 sq. ft.

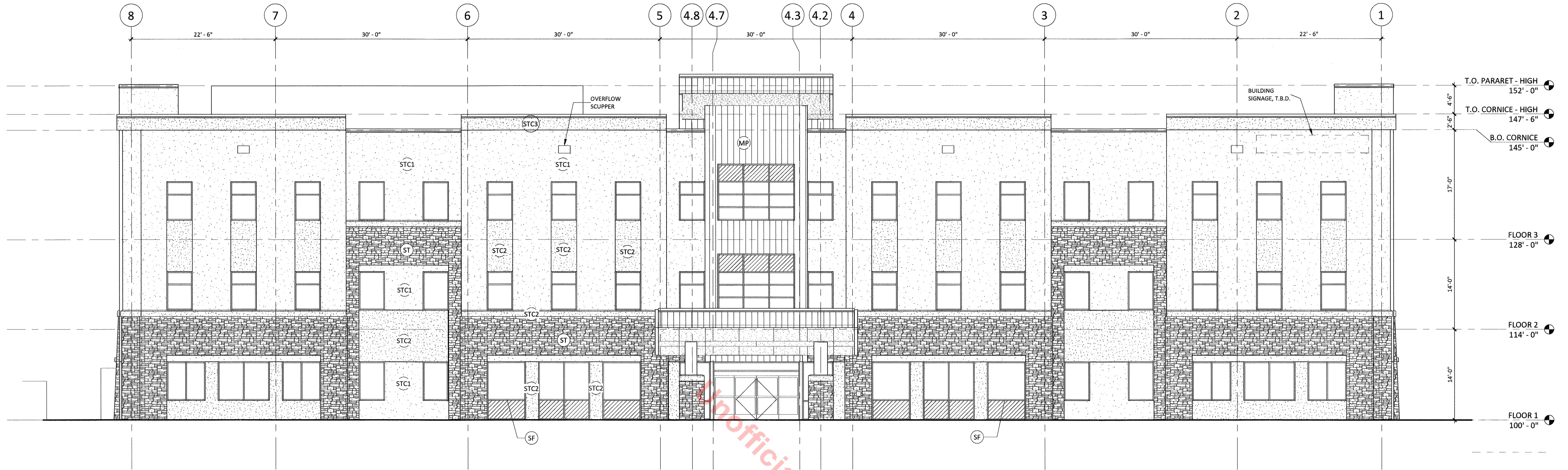
CRAMC (ALL 6 PHASES) - HYDRAULIC WORKSHEET

C7

Zone	Hydrozone	Plant Type	(Turf, Native, Shrub, Perennials, Trees, Annuals, etc.)	Head Type	Nozzle (Nozzle/Emitter size)	App. Rate (inches/hour)	GPM (Per Zone)	Inches/Month (Peak or to record /1month or 1.5/week)	Run Time (Minutes/Day)	Run Time (Minutes/Day)	Water Usage (Gallons per month)
Ex: 1	low	Blue Grass		RB 1806 SAM PRS	15'	1.83	15	8	197	15	2951
Ex: 2	low	Buffalo Grass		Hunter I-20	3	0.4	15	1	190	15	2250
A1	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	10	4.08	134	11	1338
A2	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A3	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A4	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A5	Mod	Canadian Blue Fescue		Netalim	4gph x 18 x 18	0.43	2	4.08	570	46	1138
A6	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A7	Mod	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	1	2.72	380	30	380
A8	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	12'	2.01	45	4.08	122	10	5483
A9	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	12'	2.01	52	4.08	122	10	6338
A10	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	12'	2.01	52	4.08	122	10	6338
A11	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	44	4.08	134	11	6888
A12	Low	Short Grass		Hunter I-20	#3.0	0.46	38	1.90	248	20	9442
A13	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	49	1.90	62	5	3060
A14	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A15	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	114	9	457
A16	Low	Short Grass		Netalim	4gph x 18 x 18	0.43	1	1.90	286	21	266
A17	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A18	Low	Short Grass		RB 1806 SAM PRS	12'	2.01	41	1.90	297	5	2331
A19	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A20	Mod	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	2	2.72	380	30	759
A21	Mod	Short Grass		Hunter I-20	#3.0	0.23	12	1.90	497	40	5983
A22	Low	Short Grass		Hunter I-20	#3.0	0.46	23	1.90	248	20	5715
A23	Low	Short Grass		Hunter I-20	#3.0	0.46	27	1.90	248	20	6709
A24	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	25	1.90	62	5	1661
A25	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	114	9	457
A26	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A27	Low	Short Grass		Hunter I-20	#3.0	0.46	24	1.90	248	20	5983
A28	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	50	1.90	62	5	3123
A29	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	114	9	457
A30	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A31	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	44	1.90	62	5	2748
A32	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A33	Mod	Shrub, Trees and/or Perennials		RB 1812 SAM PRS	15'	1.83	15	4.08	134	11	2007
A34	Mod	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	4	2.72	380	30	1519
A35	Low	Shrub, Trees and/or Perennials		Hunter I-20	#4 Bib	0.80	18	2.72	204	16	3296
A36	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A37	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	60	1.90	62	5	683
A38	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	3123
A39	Low	Short Grass		Hunter I-20	#3.0	0.46	56	1.90	248	20	13814
A40	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	36	1.90	62	5	2248
A41	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	114	9	457
A42	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	70	4.08	134	11	8388
A43	Mod	Canadian Blue Fescue		Hunter I-20	#3.0	0.46	15	4.08	532	43	7986
A44	Mod	Shrub, Trees and/or Perennials		RB 1812 SAM PRS	10'	1.75	5	4.08	140	11	696
A45	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A46	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	1	2.72	380	30	380
A47	Mod	Canadian Blue Fescue		Hunter I-20	#3.0	0.46	12	4.08	532	43	6388
A48	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	42	4.08	134	11	5795
A49	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	28	4.08	134	11	6821
A50	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	28	4.08	134	11	3480
A51	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	9	1.90	62	5	582
A52	Low	Short Grass		Hunter I-20	#3.0	0.46	21	1.90	248	20	5218
A53	Low	Short Grass		Hunter I-20	#3.0	0.46	24	1.90	248	20	5983
A54	Low	Short Grass		Hunter I-20	#3.0	0.23	24	1.90	497	40	11826
A55	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	114	9	457
A56	Low	Short Grass		Hunter I-20	#3.0	0.46	24	1.90	248	20	5983
A57	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	23	1.90	62	5	1438
A58	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	51	4.08	134	11	6826
A59	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	22	2.72	163	13	2944
A60	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	4.08	134	11	6826
A61	Low	Shrub, Trees and/or Perennials		RB 1812 SAM PRS	10'	1.75	0	4.08	140	11	639
A62	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A63	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A64	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	1	2.72	380	30	380
A65	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	1	2.72	380	30	380
A66	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A67	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A68	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	2	2.72	380	30	759
A69	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A70	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A71	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	8	4.08	140	11	1119
A72	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	759
A73	Low	Short Grass		Hunter I-20	#3.0	0.46	12	2.72	163	13	653
A74	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	56	1.90	248	20	2882
A75	Low	Short Grass		Drip	0.5gph - 1.0gph	1.00	4	1.90	62	5	3498
A76	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A77	Low	Shrub, Trees and/or Perennials		Netalim	4gph x 18 x 18	0.43	1	2.72	380	30	380
A78	Low	Shrub, Trees and/or Perennials		RB 1812 SAM PRS	10'	1.75	10	4.08	140	11	839
A79	Low	Shrub, Trees and/or Perennials		RB 1812 SAM PRS	10'	1.75	10	4.08	140	11	1399
A80	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	30	4.08	134	11	4015
A81	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	15'	1.83	29	4.08	134	11	3881
A82	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A83	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A84	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A85	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	12'	2.01	65	4.08	122	10	7920
A86	Mod	Canadian Blue Fescue		RB 1806 SAM PRS	12'	2.01	65	4.08	122	10	7920
A87	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	20	1.90	62	5	1248
A88	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A89	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A90	Low	Short Grass		Hunter I-20	#3.0	0.46	24	2.72	163	13	653
A91	Low	Short Grass		RB 1806 SAM PRS	15'	1.83	52	1.90	62	5	3248
A92	Low	Shrub, Trees and/or Perennials		Drip	0.5gph - 1.0gph	1.00	4	2.72	163	13	653
A93	Low	Short Grass		Drip	0.						

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



1 EAST ELEVATION
1/8" = 1'-0"

- LEGEND - EXTERIOR MATERIALS**
- STC1 STUCCO PRIMARY, COLOR #1 (MATCH SHERWIN WILLIAMS SW0051 CLASSIC IVORY)
 - STC2 STUCCO ACCENT, COLOR #2 (MATCH SHERWIN WILLIAMS SW2823 ROCKWOOD CLAY)
 - STC3 STUCCO ACCENT, COLOR #3 (REDDISH BROWN TO MATCH UNDERSIDE OF UPPER CANOPY ON MOB 1)
 - ST MANUFACTURED STONE VENEER (SUNSET STONE, LEDGE STONE, CHEYENNE)
 - MP PREFINISHED METAL PANEL SYSTEM - FLUSH (BERRIDGE FW-12, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
 - MPH ALUMINUM OR ALUMINUM COMPOSITE MATERIAL PANEL TO MATCH HOSPITAL (ACM, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
 - SF THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM (CLASS II NATURAL ANODIZED FINISH)
- LEGEND - GLAZING**
- INSULATING VISION GLASS
OUTBOARD LITE: 1/4" THICK, OLDCASTLE BUILDING ENVELOPE SUNGLASS, LOW-E #2
AIR SPACE: 1/2"
INBOARD LITE: 1/4" THICK, PPG SOLARGRAY
U-FACTOR: 0.29
SHGC: 0.23
 - METAL SPANDREL PANEL
COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF"
 - GLASS SPANDREL PANEL



2 SOUTH ELEVATION
1/8" = 1'-0"

BOULDER ASSOCIATES
ARCHITECTS

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fax 303 694 3134

SUBMITTAL DATE: 2/14/2014
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B

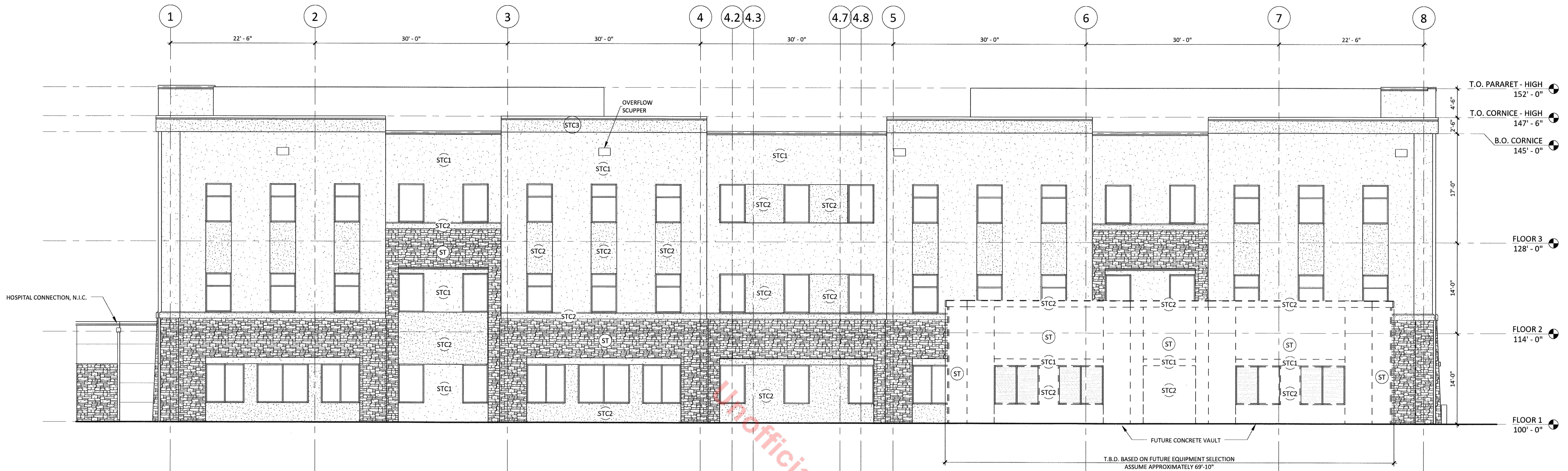
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005

EXTERIOR ELEVATIONS
SHEET 18 OF 23

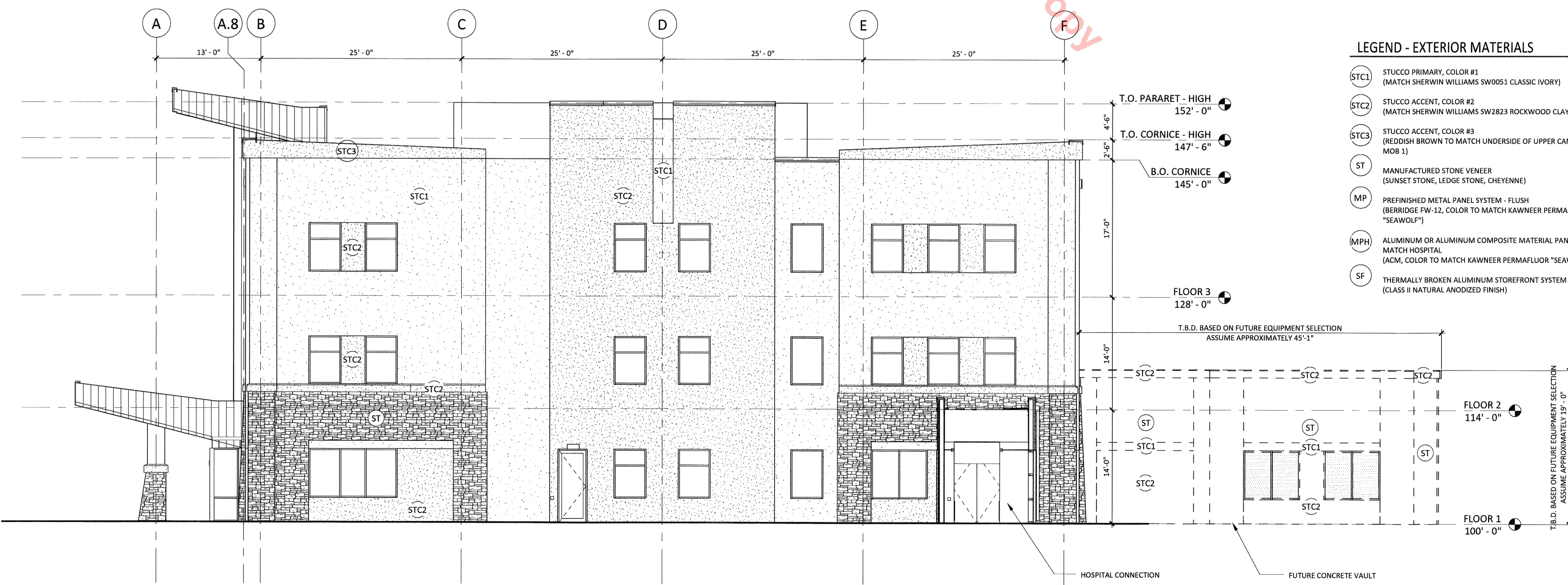
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1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



1 WEST ELEVATION
1/8" = 1'-0"



2 NORTH ELEVATION
1/8" = 1'-0"

LEGEND - EXTERIOR MATERIALS

- (STC1) STUCCO PRIMARY, COLOR #1 (MATCH SHERWIN WILLIAMS SW0051 CLASSIC IVORY)
- (STC2) STUCCO ACCENT, COLOR #2 (MATCH SHERWIN WILLIAMS SW2823 ROCKWOOD CLAY)
- (STC3) STUCCO ACCENT, COLOR #3 (REDDISH BROWN TO MATCH UNDERSIDE OF UPPER CANOPY ON MOB 1)
- (ST) MANUFACTURED STONE VENER (SUNSET STONE, LEDGE STONE, CHEYENNE)
- (MP) PREFINISHED METAL PANEL SYSTEM - FLUSH (BERTRIDGE FW-12, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
- (MPH) ALUMINUM OR ALUMINUM COMPOSITE MATERIAL PANEL TO MATCH HOSPITAL (ACM, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
- (SF) THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM (CLASS II NATURAL ANODIZED FINISH)

LEGEND - GLAZING

- INSULATING VISION GLASS
OUTBOARD LITE: 1/4" THICK, OLDCASTLE BUILDING ENVELOPE SUNGLASS, LOW-E #2
AIR SPACE: 1/2"
INBOARD LITE: 1/4" THICK, PPG SOLARGRAY
U-FACTOR: 0.29
SHGC: 0.23
- METAL SPANDELR PANEL
COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF"
- GLASS SPANDELR PANEL

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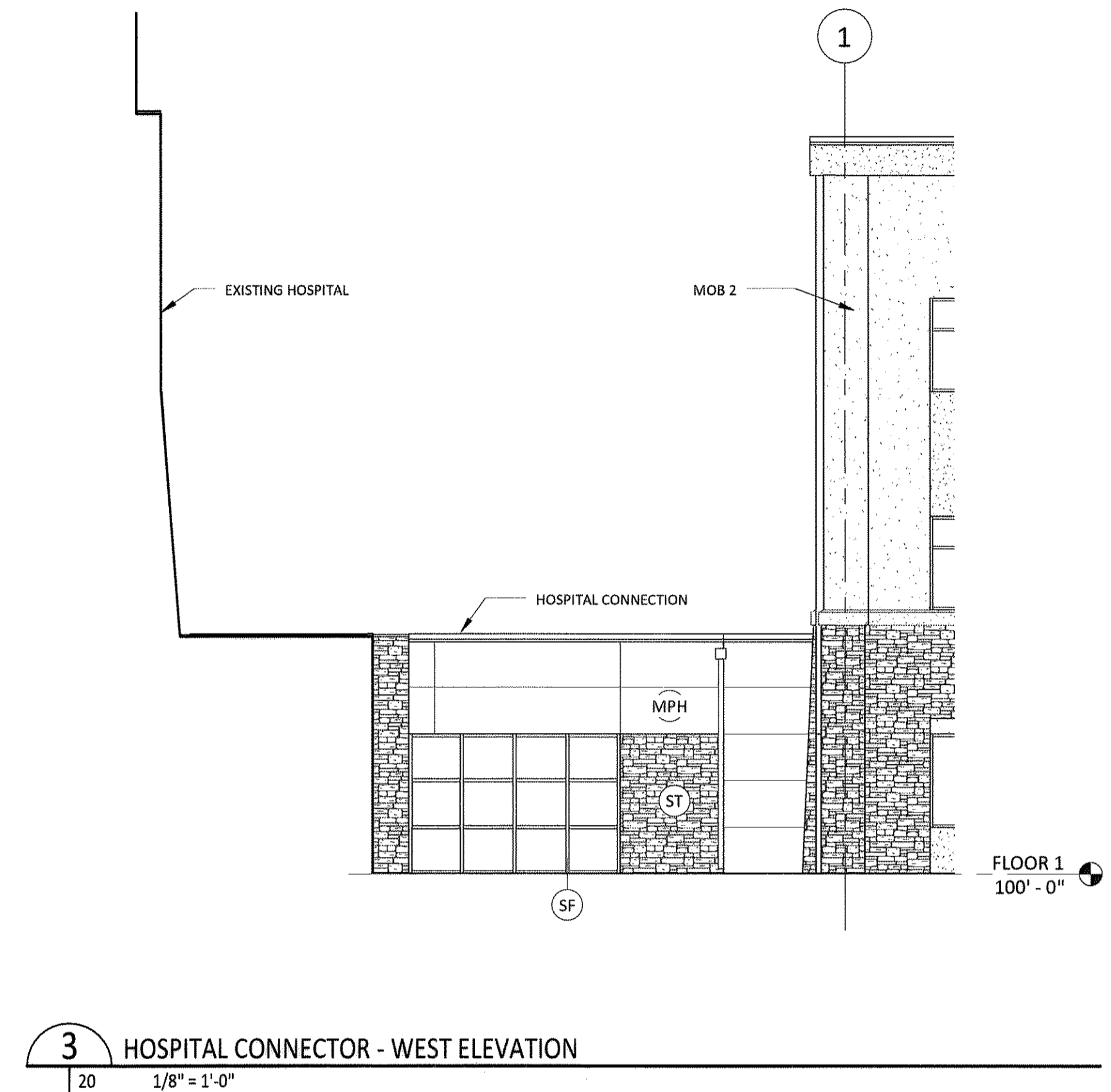
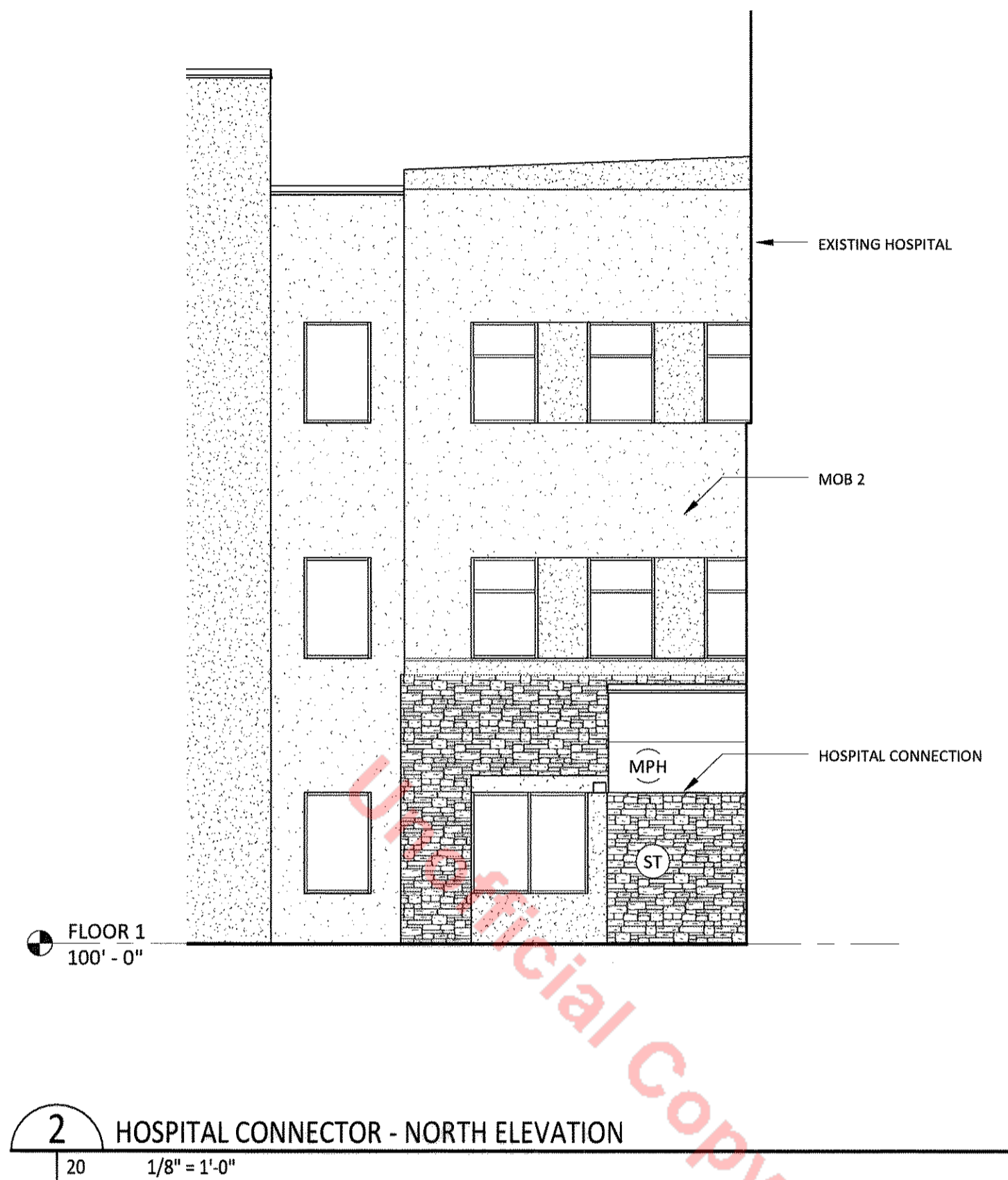
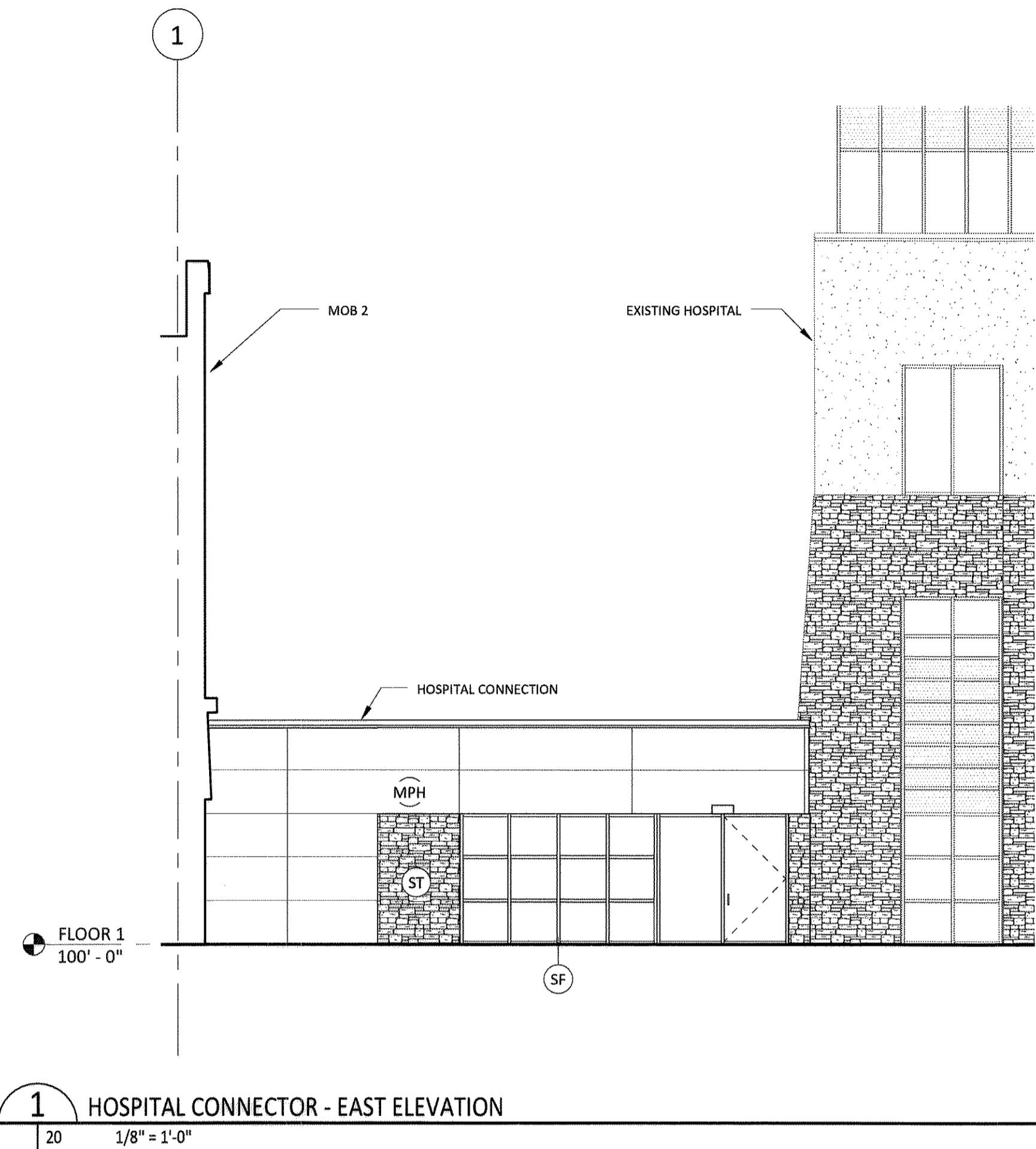
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fax 303 694 3134

SUBMITTAL DATE: 2/14/2014
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005

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1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



LEGEND - EXTERIOR MATERIALS

- (STC1) STUCCO PRIMARY, COLOR #1
(MATCH SHERWIN WILLIAMS SW0051 CLASSIC IVORY)
- (STC2) STUCCO ACCENT, COLOR #2
(MATCH SHERWIN WILLIAMS SW2823 ROCKWOOD CLAY)
- (STC3) STUCCO ACCENT, COLOR #3
(REDDISH BROWN TO MATCH UNDERSIDE OF UPPER CANOPY ON MOB 1)
- (ST) MANUFACTURED STONE VENEER
(SUNSET STONE, LEDGE STONE, CHEYENNE)
- (MP) PREFINISHED METAL PANEL SYSTEM - FLUSH
(BERRIDGE FW-12, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
- (MPH) ALUMINUM OR ALUMINUM COMPOSITE MATERIAL PANEL TO MATCH HOSPITAL
(ACM, COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF")
- (SF) THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM
(CLASS II NATURAL ANODIZED FINISH)

LEGEND - GLAZING

- INSULATING VISION GLASS**
OUTBOARD LITE: 1/4" THICK, OLDCASTLE BUILDING ENVELOPE SUNGLASS, LOW-E #2
AIR SPACE: 1/2"
INBOARD LITE: 1/4" THICK, PPG SOLARGRAY
U-FACTOR: 0.29
SHGC: 0.23
- METAL SPANDEL PANEL**
COLOR TO MATCH KAWNEER PERMAFLUOR "SEAWOLF"
- GLASS SPANDEL PANEL**

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ARCHITECTS

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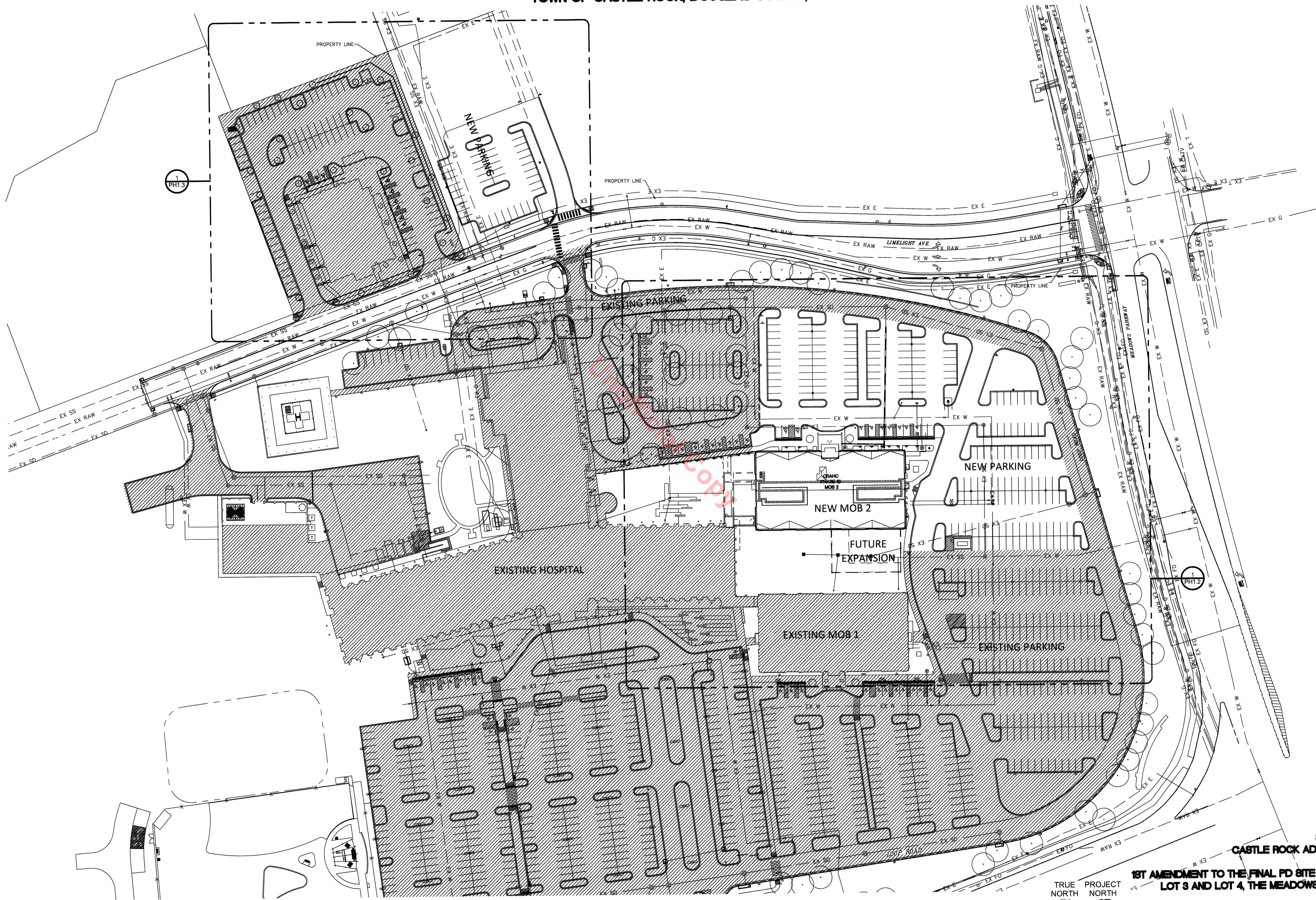
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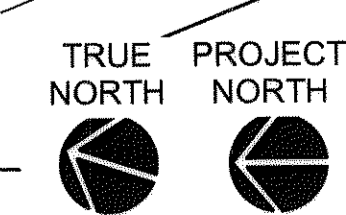
SUBMITTAL DATE: 2/14/2014
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FILING NO. 17, AREA NO. 1
FPD #10-0005

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO



1 OVERALL ELECTRICAL SITE PLAN
1" = 60'-0"



Project # 132318.000
 1400 South Hobler's Green Circle
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 Greenwood Village, CO 80111
 Phone 303.694.4735
 Fax 303.694.5125
 Austin • Dallas • Denver • Houston • Kansas City • Miami
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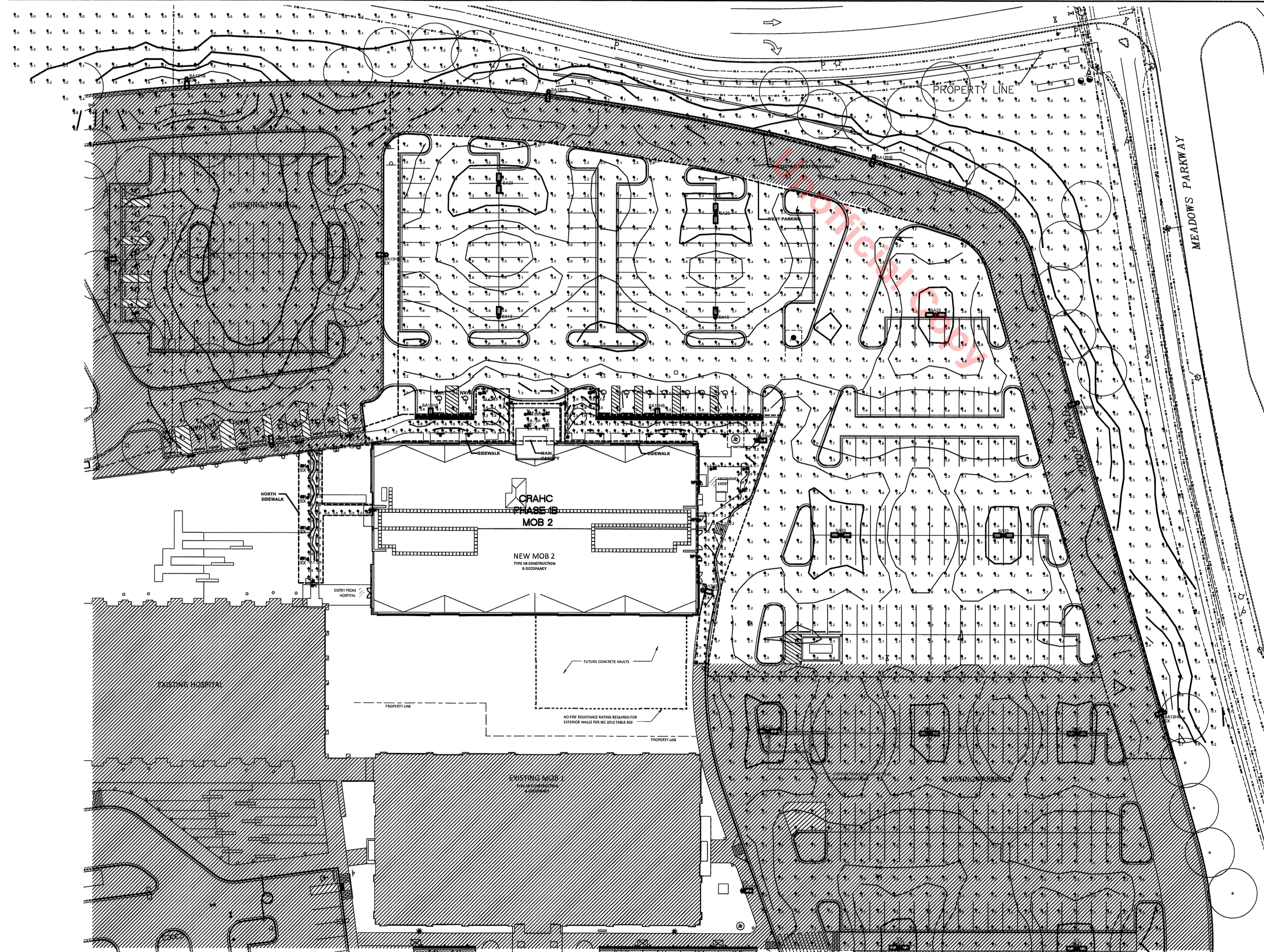
SUBMITTAL DATE: 02/14/14
 CASTLE ROCK ADVENTIST HEALTH CAMPUS
 MOB 2, PHASE 1B
 1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
 LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
 FPD #10-0005
 OVERALL ELECTRICAL SITE PLAN
 SHEET 21 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Existing West Driveway	Illuminance	Fc	2.24	5.6	0.5	4.48	11.20
Main Canopy	Illuminance	Fc	8.13	10.4	6.2	1.31	1.68
North Sidewalk	Illuminance	Fc	3.40	10.1	0.5	6.80	20.20
Overall Site	Illuminance	Fc	0.42	4.1	0.0	N.A.	N.A.
Sidewalk	Illuminance	Fc	3.63	13.9	0.6	6.05	23.17
West Parking	Illuminance	Fc	2.75	7.3	0.8	3.44	9.13

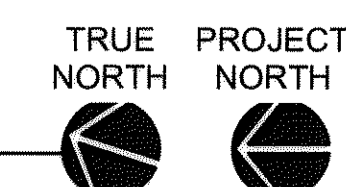
EXTERIOR LUMINAIRE SCHEDULE											
SYMBOL	FIXTURE TYPE	DESCRIPTION	ARRANGEMENT	TOTAL LAMP LUMENS	LLF	LAMP	IES CLASS	CUTOFF CLASS	ACCESSORIES	MOUNTING HEIGHT	CONTROL
□	SA12	Kim # 1A/WP9LM2/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type II	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA12HS	Kim # 1A/WP9LM2/250PMH277/DB/HS - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type II	Full Cutoff	HOUSE-SIDE SHIELD	25'	PHOTOSENSOR
□	SA13	Kim # 1A/WP9LM3/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type III	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA13HS	Kim # 1A/WP9LM3/250PMH277/DB/HS - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type III	Full Cutoff	HOUSE-SIDE SHIELD	25'	PHOTOSENSOR
□	SA23	Kim # 2B/WP9LM3/250PMH277/DB - MATCH EXISTING	DOUBLE, POLE MTD	44000	1.0	(2) 250 WATT PMH CLEAR ED-28 MOGUL BASE HORIZONTAL POSITION, RATED AT 22000 INITIAL LUMENS	Type III	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA15	Kim # 1A/WP9LM5/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type IV	Full Cutoff	NONE	25'	PHOTOSENSOR
●	SB	Kim # VRB1/100PMH-ED17 - MATCH EXISTING	SINGLE, BOLLARD	7800	1.0	100 WATT PMH COATED ED-17 MED BASE VERT.	Type VS	Semi-Cutoff	NONE	3'-6"	PHOTOSENSOR
●	SC	Hubbell # RDIC 13LU 5K BZ - MATCH EXISTING	SINGLE, WALL MTD	N.A.	1.0	LED/28WATT - CREE	Type III	N.A.	EM BALLAST	9'	PHOTOSENSOR
●	SD	Prescolite # LF8LED-8LFLED740K - MATCH EXISTING	SINGLE, RECESSED	2000	1.0	ONE 42-WATT TRIPLE TWIN TUBE COMPACT FLUORESCENT, SYLVANIA CF42DT/E/IN/830, VERTICAL BASE-UP POSITION.	Type VS	Full Cutoff	EM BALLAST	9' (IN CANOPY)	PHOTOSENSOR
●	SB1 - EXISTING	Kim # VRB1-20L5KUV	SINGLE, BOLLARD	N.A.	1.0	20 LEDS, 5100K LUMELIDS BY PHILIPS	Type VS	N.A.	NONE	3'-6"	PHOTOSENSOR



GENERAL NOTES

- SITE LIGHTING OBJECTIVES:**
 - PARKING AREA: AVG = 2-3 FC; AVG/MIN = 3-6
 - WALKWAYS: AVG = 4-5 FC
 - MAIN CANOPY: AVG = 8-10 FC
 - OUTDOOR LIGHTING FIXTURES SHALL BE FULL CUTOFF TYPE.
- ESTIMATED HOURS OF OPERATION:** ON AT DUSK, OFF AT DAWN. FIXTURES SHALL BE CONTROLLED VIA PHOTOCELL AND TIMECLOCK.
- PROVIDE HOUSESIDE SHIELDS FOR FIXTURES ALONG PROPERTY LINE TO CUT OFF LIGHT TRESPASS BEYOND PROPERTY LINE.**
- THE FOLLOWING FIXTURE TYPES SHALL NOT BE USED:** FIXTURES WITH TYPE IV FORWARD THROW, POLE-MOUNTED FIXTURES AIMED AT BUILDING FACADES, AND UNSHIELDED WALL PACKS.

1 PHOTOMETRIC SITE PLAN
1" = 40'-0"



Project # 181324-000
1440 South Fiddler's Green Circle
Suite 1100
Greenwood Village, CO 80111
Phone: 303.694.4728
Fax: 303.694.5125
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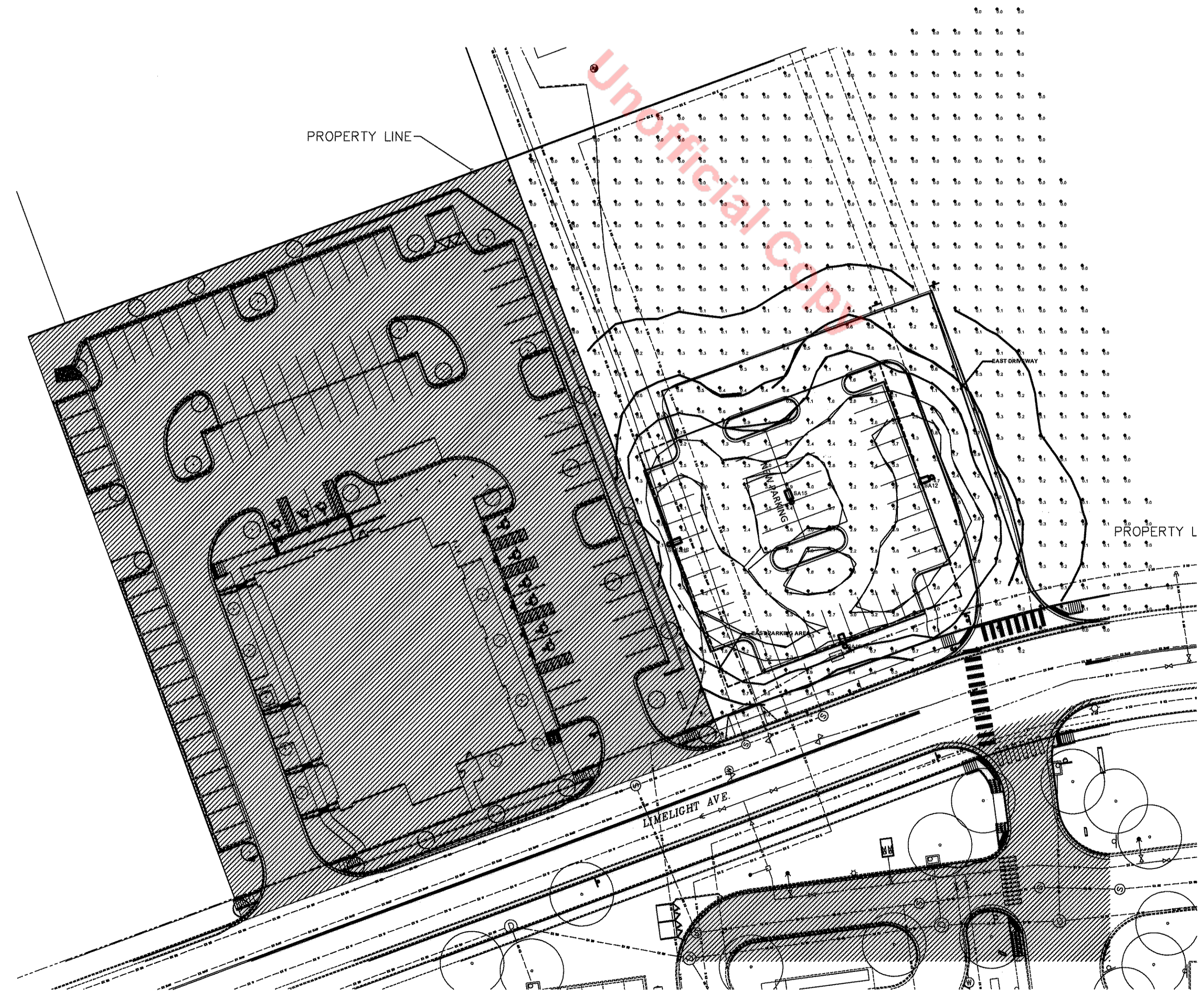
SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
1ST AMENDMENT TO THE FINAL PD SITE PLAN FOR A PORTION OF
LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
FPD #10-0005
PHOTOMETRIC SITE PLAN
SHEET 22 OF 23

1ST AMENDMENT TO THE FINAL PD SITE PLAN

FOR A PORTION OF LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
TOWN OF CASTLE ROCK, DOUGLAS COUNTY, COLORADO

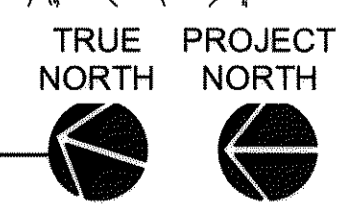
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
East Driveway	Illuminance	Fc	0.96	3.8	0.2	4.80	19.00
East Overall Site	Illuminance	Fc	1.21	5.4	0.0	N.A.	N.A.
East Parking Area	Illuminance	Fc	2.79	4.5	0.8	3.49	5.63

EXTERIOR LUMINAIRE SCHEDULE											
SYMBOL	FIXTURE TYPE	DESCRIPTION	ARRANGEMENT	TOTAL LAMP LUMENS	LLF	LAMP	IES CLASS	CUTOFF CLASS	ACCESSORIES	MOUNTING HEIGHT	CONTROL
□	SA12	Kim # 1A/WP9LM2/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type II	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA12HS	Kim # 1A/WP9LM2/250PMH277/DB/HS - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type II	Full Cutoff	HOUSE-SIDE SHIELD	25'	PHOTOSENSOR
□	SA13	Kim # 1A/WP9LM3/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type III	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA13HS	Kim # 1A/WP9LM3/250PMH277/DB/HS - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type III	Full Cutoff	HOUSE-SIDE SHIELD	25'	PHOTOSENSOR
□	SA23	Kim # 2B/WP9LM3/250PMH277/DB - MATCH EXISTING	DOUBLE, POLE MTD	44000	1.0	(2) 250 WATT PMH CLEAR ED-28 MOGUL BASE HORIZONTAL POSITION, RATED AT 22000 INITIAL LUMENS	Type III	Full Cutoff	NONE	25'	PHOTOSENSOR
□	SA15	Kim # 1A/WP9LM5/250PMH277/DB - MATCH EXISTING	SINGLE, POLE MTD	22000	1.0	250 WATT PULSE START METAL HALIDE, CLEAR, ED-28, MOGUL BASE LAMP IN HORIZONTAL OPERATING POSITION. RATED AT 22000 INITIA	Type IV	Full Cutoff	NONE	25'	PHOTOSENSOR
●	SB	Kim # VRB1/100PMH-ED17 - MATCH EXISTING	SINGLE, BOLLARD	7800	1.0	100 WATT PMH COATED ED-17 MED BASE VERT.	Type VS	Semi-Cutoff	NONE	3'-6"	PHOTOSENSOR
●	SC	Hubbell # RDIC 13LU 5K BZ - MATCH EXISTING	SINGLE, WALL MTD	N.A.	1.0	LED/28WATT - CREE	Type III	N.A.	EM BALLAST	9'	PHOTOSENSOR
●	SD	Prescolite # LFB8LED-8LFLED740K - MATCH EXISTING	SINGLE, RECESSED	2000	1.0	ONE 42-WATT TRIPLE TWIN TUBE COMPACT FLUORESCENT, SYLVANIA CF42DT/E/IN/830, VERTICAL BASE-UP POSITION.	Type VS	Full Cutoff	EM BALLAST	9' (IN CANOPY)	PHOTOSENSOR
●	SB1 - EXISTING	Kim # VRB1-20L9KUV	SINGLE, BOLLARD	N.A.	1.0	20 LEDS. 5100K LUMELIDS BY PHILIPS	Type VS	N.A.	NONE	3'-6"	PHOTOSENSOR



- GENERAL NOTES**
- SITE LIGHTING OBJECTIVES:**
 - PARKING AREA: AVG = 2-3 FC; AVG/MIN = 3-6
 - WALKWAYS: AVG = 4-5 FC
 - MAIN CANOPY: AVG = 8-10 FC
 - OUTDOOR LIGHTING FIXTURES SHALL BE FULL CUTOFF TYPE.
 - ESTIMATED HOURS OF OPERATION:** ON AT DUSK, OFF AT DAWN. FIXTURES SHALL BE CONTROLLED VIA PHOTOCELL AND TIMELOCK.
 - PROVIDE HOUSESIDE SHIELDS FOR FIXTURES ALONG PROPERTY LINE TO CUT OFF LIGHT TRESPASS BEYOND PROPERTY LINE.**
 - THE FOLLOWING FIXTURE TYPES SHALL NOT BE USED:** FIXTURES WITH TYPE IV FORWARD THROW, POLE-MOUNTED FIXTURES AIMED AT BUILDING FACADES, AND UNSHIELDED WALL PACKS.

1 PHOTOMETRIC SITE PLAN - REMOTE PARKING
1" = 40'-0"



Project # 183214.000
1440 South Ridder's Green Circle
Suite 1100
Greenwood Village, CO 80111
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Fax: 303.694.5125
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Naurville • Phoenix • Richmond • Washington D.C.

SUBMITTAL DATE: 02/14/14
CASTLE ROCK ADVENTIST HEALTH CAMPUS
MOB 2, PHASE 1B
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LOT 3 AND LOT 4, THE MEADOWS FLING NO. 17, AREA NO. 1
FFD #10-0005
PHOTOMETRIC SITE PLAN - REMOTE PARKING
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