

SITE DEVELOPMENT PLAN
LOT 1, BLOCK 1, BALDWIN PARK ESTATES, FILING NO. 2, AMENDMENT NO. 1

PLUM CREEK CONVENIENCE

LOCATED IN THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6th P.M.
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO

SITE DATA			
	AREA (SQ. FT.)	AREA (ACRES)	%
LOT SIZE	132,911.6	3.051	100.0
BUILDING	8,975.7	0.206	6.8
CONVENIENCE STORE	5,092.0		
FUTURE RETAIL	2,106.4		
CAR WASH	1,777.3		
PARKING LOT AREA	47,307.8	1.086	35.6
SIDEWALK AREA	5,700.1	0.131	4.3
IRRIGATED LANDSCAPE AREA	30,021.6	0.689	22.5
NON-IRRIGATED LANDSCAPE AREA	40,906.4	0.939	30.8
SFE	TBD		

PARKING				
PROPOSED USE	CRITERION	REQUIRED		PROPOSED
		VALUE	SPACES	SPACES
CONVENIENCE STORE CAR WASH	1 SPACE PER EMPLOYEE	3	3	3
	2 SPACES PER PUMP ISLAND	6	12	12
	4 SPACES PER 1,000 S.F.	5,063	21	21
FUTURE RETAIL	1 SPACE PER BAY	1	1	6
	5 SPACES PER 1,000 SF	2,106	11	11
TOTAL VEHICLE SPACES			48	48
TOTAL BICYCLE SPACES (5% OF VEHICLE SPACES)			3	4

ZONING COMPARISON TABLE		
MINIMUM SETBACKS - YOUNG AMERICAN PD	REQUIRED	PROVIDED
	PER SECTION 14.1 - TBD THROUGH SITE PLAN	NORTH - 80 FEET SOUTH - 73 FEET EAST - 111 FEET WEST - 46 FEET
MAXIMUM BUILDING HEIGHT - YOUNG AMERICAN PD	PER SECTION 10.2 - 35 FEET	BUILDING: 22' - 9" CANOPY: 17' - 6"
MINIMUM OFF-STREET PARKING - CHAPTER 15.54	48 SPACES	48 SPACES
RESIDENTIAL/NON-RESIDENTIAL INTERFACE - CHAPTER 17.50	30 feet	45 feet

SITE DEVELOPMENT PLAN NOTES:

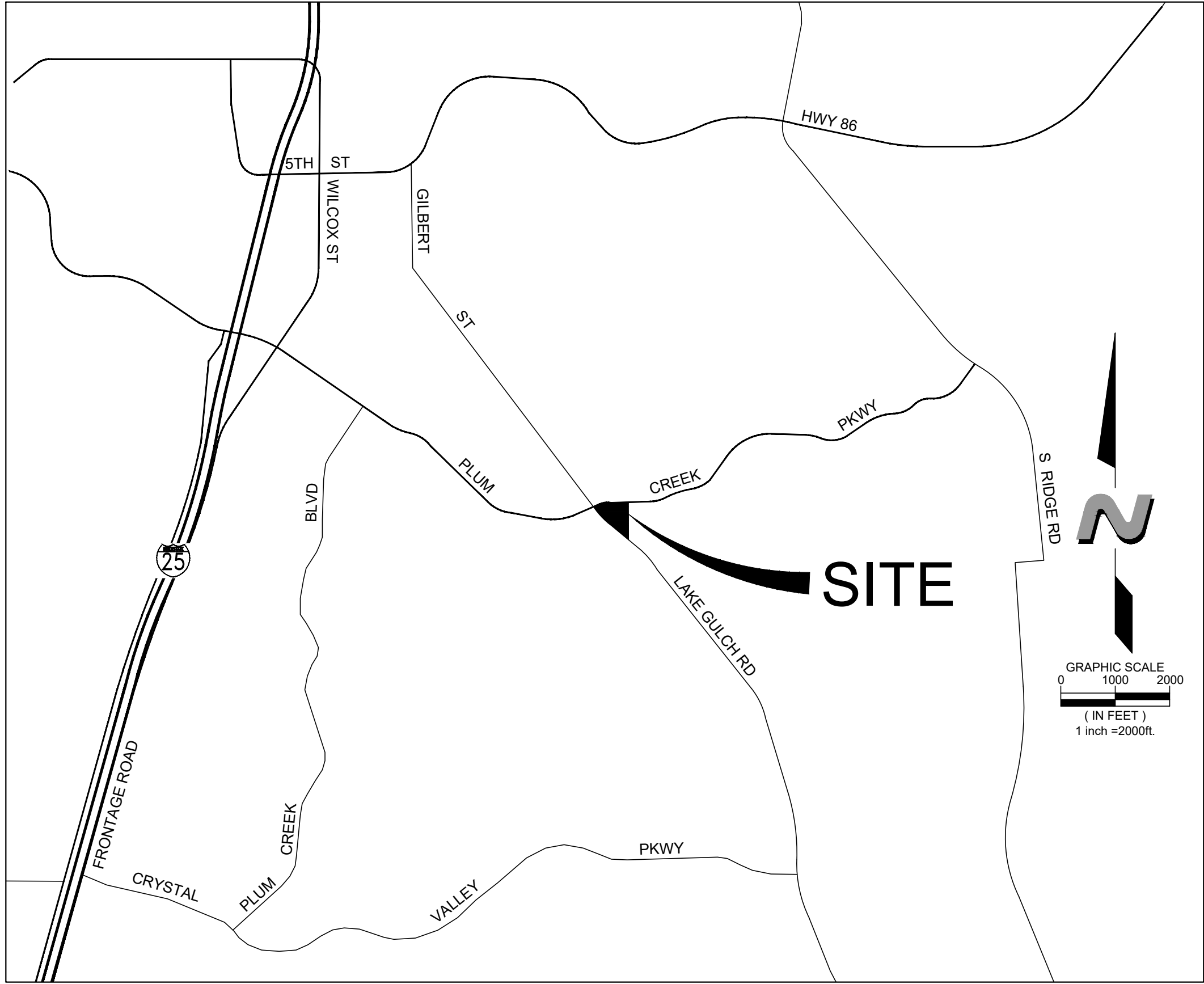
- The Town of Castle Rock requires that maintenance access be provided to all storm drainage facilities to assure continuous operational capability of the system. The Property Owner, subsequent owners, heirs, successors and assigns shall be responsible for the maintenance of all drainage facilities including, 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.
- 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.
- The landscape and irrigation plans contained in the Site Development Plan are conceptual only and subject to change with review of the Construction Documents.
- FEMA regulated floodplains and/or wetlands are not present on the site. The site is within the FEMA FIRM Map No. 08035C0302G, effective 3/16/2016. The site is located within Zone X (Area of Minimal Flood Hazard).
- 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.
- 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.
- 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.
- 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.
- The purpose and use of all tracts, to whom the tracts will be dedicated with the Plat and who will be responsible for maintenance is shown in a table on the Site Development Plan.
- 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.
- This site is zoned Planned Unit Development - Young American PUD
- 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.

- 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.
- If the project is located within 300 feet of the 100-Year floodplain, approval from the U.S. Fish and Wildlife Service will be required for potential disturbance of the Preble's Meadow Jumping Mouse.
<http://www.fws.gov/mountain-prairie/species/mammals/preble/>.
- All landscape maintenance within the right-of-way is the responsibility of the adjacent property owner.
- Any temporary structures placed in an easement, including paving and fencing, shall be removed and replaced by the owner upon the request of the utilities department so that maintenance may be performed. The owner of the land shall agree to hold the Town harmless for any loss of property or landscaping and irrigation removed from the easement or damaged due to maintenance activities, and all associated costs.
- All landscape maintenance within the right-of-way is the responsibility of the adjacent land owner.

FIRE NOTES:

- 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.
- Fire hydrant(s) are required to be installed and made serviceable prior to and during the time of construction.
- 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.
- Dead-end fire access roads in excess of 150 feet shall provide an approved area for turning around fire apparatus.
- 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.
- 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.
- "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.
- It is the responsibility of the property owner to maintain drive lanes for emergency vehicle ingress and egress, including snow removal.



VICINITY MAP

1" = 2,000'

Ownership Certification

The undersigned are all of the owners of certain lands known herein as Lot 1, Block 1, Baldwin Park Estates, Filing No. 2, Amendment No. 1, in the Town of Castle Rock.

SINCLAIR OIL CORPORATION

By _____
Name / Title _____

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2020, by _____, as _____ of Sinclair Oil Corporation.

WITNESS my hand and official seal.
My commission expires: _____

Notary Public

Title Certification

I, _____, an authorized representative of _____, a title insurance company licensed to do business in the State of Colorado, have 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 _____
(Authorized Representative)

STATE OF COLORADO
COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2020, by _____, as _____ Authorized Representative of _____.

WITNESS my hand and official seal.
My commission expires: _____

Notary Public

Water Rights Dedication Agreement

The provision of Municipal Water to this subdivision is subject to the terms and conditions of the Young PUD agreement, recorded on the 30th day of August, 1983 at Book 488, Page 359 and accordingly ____ SFE are debited from the water bank.

Surveyor's Certification

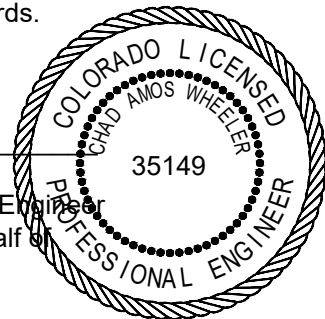
I, Harold J. Ponserella, a registered Professional Land Surveyor in the State of Colorado, do hereby certify that the survey and legal description represented by the Plum Creek Convenience was made under my supervision and the monuments shown thereon actually exist and this Site Plan accurately represents that survey.

Harold J. Ponserella
Colorado Registered Professional Land Surveyor
License No. 29766

Civil Engineer's Statement

I, Chad A. Wheeler, being a registered professional engineer in the State of Colorado, hereby attest that all grading, utility and drainage improvements identified on this site plan have been designed and engineered in conformance with all Town of Castle Rock Public Works Construction Standards.

Chad A. Wheeler, PE
Colorado Registered Professional Engineer
License No. 35149 for and on behalf of
The Dimension Group



SHEET INDEX

- COVER SHEET
- SITE PLAN
- GRADING PLAN
- UTILITY PLAN
- CONCEPTUAL LANDSCAPE PLAN
- LANDSCAPE NOTES
- HYDROZONE PLAN
- ILLUMINATION PLAN
- ILLUMINATION CUT SHEETS
- BUILDING AND CANOPY ELEVATIONS

LEGAL DESCRIPTION

TRACT B, BALDWIN PARK ESTATES, FILING NO. 2, COUNTY OF DOUGLAS, STATE OF COLORADO;
EXCEPT THAT PORTION OF SUBJECT PROPERTY CONVEYED TO THE TOWN OF CASTLE ROCK, A COLORADO MUNICIPAL CORPORATION, IN SPECIAL WARRANTY DEED RECORDED DECEMBER 10, 2019 AT RECEPTION NO. 2019084497, DOUGLAS COUNTY RECORDS.

PURPOSE STATEMENT

THIS SITE DEVELOPMENT PLAN ALLOWS FOR A COMMERCIAL DEVELOPMENT OF A CONVENIENCE STORE, CAR WASH, AND FUTURE RETAIL. THE RETAIL WILL HAVE CONVENTIONAL HOURS OF OPERATION OF 7:00 AM TO 10:00 PM. THE CONVENIENCE STORE WILL HAVE 24 HOUR OPERATION.

PROJECT BENCHMARK:

ELEVATIONS ARE BASED UPON THE NGS MONUMENT G-23, LOCATED ALONG THE DENVER AND RIO GRANDE RAILROAD LINE, NORTH OF EAST PLUM CREEK PARKWAY.
ELEVATION: 6231.61 FEET (POSTED) DATUM NAVD88
TBM: No. 5 REBAR W/O CAP AT THE NORTHEAST CORNER OF TRACT B.
ELEVATION: 6327.51 NAVD88

PROJECT BASIS OF BEARING:

BEARINGS ARE BASED UPON THE EAST LINE OF NORTHWEST QUARTER OF SECTION 13, AS SHOWN ON THE RECORDED PLAT OF BALDWIN PARK ESTATES AS RECORDED UNDER RECEPTION NO. 320371 OF THE RECORDS OF THE COUNTY OF DOUGLAS WHICH BEARS S 00° 31'54" E.

Planning Commission Recommendation:

This Site Development Plan was recommended for approval by the Planning Commission of the Town of Castle Rock, Colorado, on the ____ day of _____, 2020.

Chair _____ Date _____

Director of Development Services _____ Date _____

Town Council Approval:

This Site Development Plan was approved by the Town Council of the Town of Castle Rock, Colorado, on the ____ day of _____, 2020.

Mayor _____ Date _____

Attest: _____

Town Clerk _____ Date _____

Douglas County Clerk and Recorder's Certificate

This Site Development Plan was filed for record in the office of the County Clerk and Recorder of Douglas County at _____ M. on the ____ day of _____, 2020, at Reception No. _____.

Douglas County Clerk and Recorder

By _____
Deputy

PROPERTY OWNER / APPLICANT:
SINCLAIR OIL CORPORATION
550 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84102

ARCHITECT:
THE DIMENSION GROUP
5600 S. QUEBEC STREET
SUITE 325C
GREENWOOD VILLAGE, COLORADO 80111
(720)536-3180
MR. STAYTON R. WOOD, AIA

CIVIL ENGINEER:
THE DIMENSION GROUP
5600 S. QUEBEC STREET
SUITE 325C
GREENWOOD VILLAGE, COLORADO 80111
(720) 536-3180
MR. CHAD A. WHEELER, PE

LANDSCAPE ARCHITECT:
ROOT PARTNERSHIP
2050 S. ONEIDA ST.
SUITE 246
DENVER, COLORADO 80224
(303) 547-5077
MR. MIKE LEUTENEKER, LEED AP

SURVEYOR:
COTTONWOOD SURVEYING & ASSOCIATES, INC.
P.O. BOX 694
STRASBURG, COLORADO 80136
(303) 549-7992
MR. HAROLD PONSERELLA, PLS



COVER SHEET

PLUM CREEK CONVENIENCE

SITE DEVELOPMENT PLAN

L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1

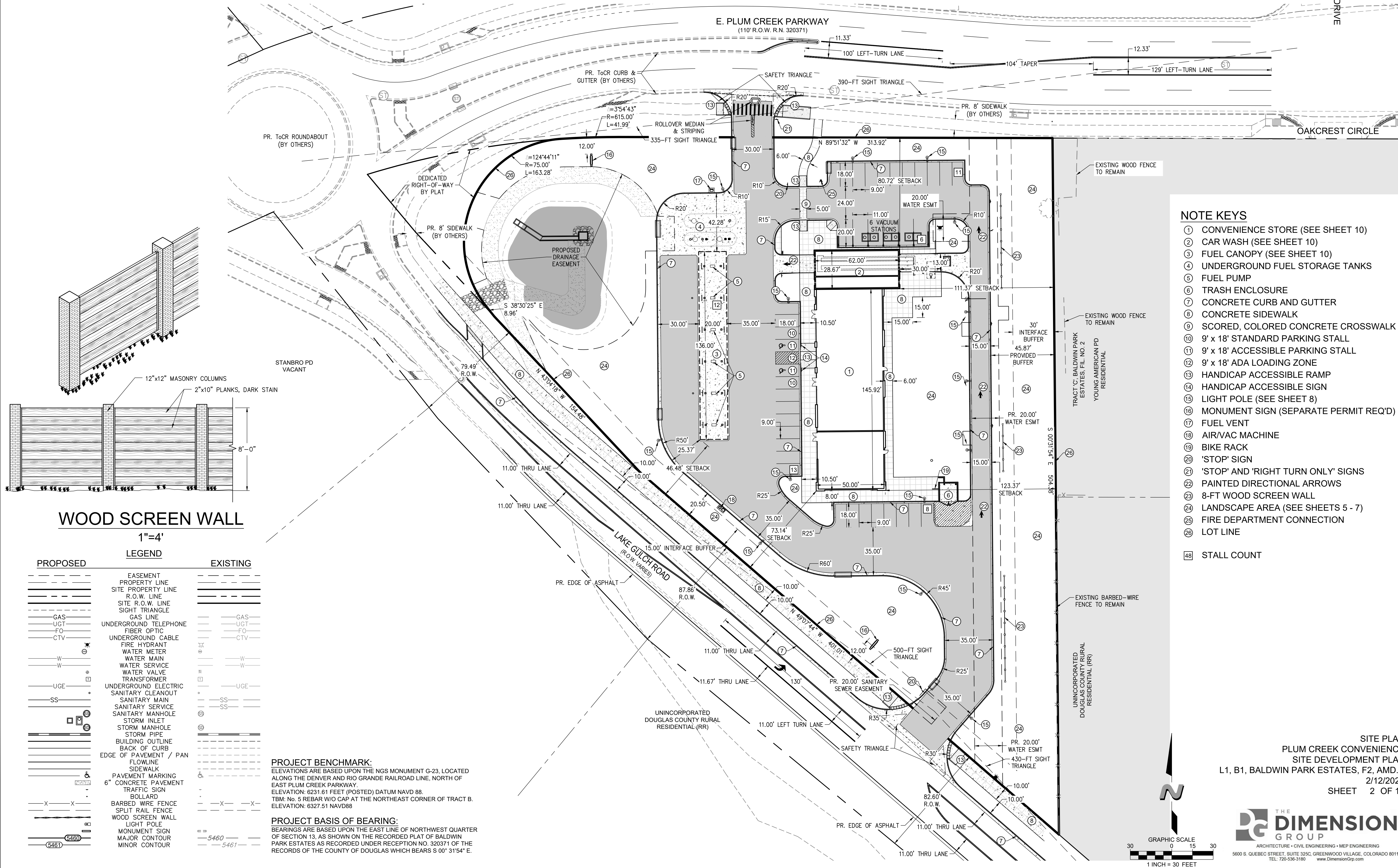
2/12/2020

SHEET 1 OF 10

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LOT 1, BLOCK 1, BALDWIN PARK ESTATES, FILING NO. 2, AMENDMENT NO. 1

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PROPOSED		EXISTING
— — — — —	EASEMENT	— — — — —
— — — — —	PROPERTY LINE	— — — — —
=====	SITE PROPERTY LINE	=====
=====	R.O.W. LINE	=====
— — — — —	SITE R.O.W. LINE	— — — — —
— — — — —	SIGHT TRIANGLE	— — — — —
— GAS —	GAS LINE	— GAS —
— UCT —	UNDERGROUND TELEPHONE	— UCT —
— FO —	FIBER OPTIC	— FO —
— CTV —	UNDERGROUND CABLE	— CTV —
— (X) —	FIRE HYDRANT	(X) —
— W —	WATER METER	— W —
— (W) —	WATER MAIN	— W —
— (W) —	WATER SERVICE	— W —
— (W) —	WATER VALVE	— W —
— (T) —	TRANSFORMER	— (T) —
— UGE —	UNDERGROUND ELECTRIC	— UGE —
— SS —	SANITARY CLEANOUT	— SS —
— (S) —	SANITARY MAIN	— SS —
— (S) —	SANITARY SERVICE	— SS —
— (S) —	SANITARY MANHOLE	— (S) —
— (S) —	STORM INLET	— (S) —
— (S) —	STORM MANHOLE	— (S) —
— (S) —	STORM PIPE	— (S) —
— — — — —	BUILDING OUTLINE	— — — — —
— — — — —	BACK OF CURB	— — — — —
— — — — —	EDGE OF PAVEMENT / PAN	— — — — —
— — — — —	FLOWLINE	— — — — —
— — — — —	SIDEWALK	— — — — —
— — — — —	PAVEMENT MARKING	— — — — —
— — — — —	6" CONCRETE PAVEMENT	— — — — —
— — — — —	TRAFFIC SIGN	— — — — —
— — — — —	BOLLARD	— — — — —
— X — X —	BARBED WIRE FENCE	— X — X —
— — — — —	SPLIT RAIL FENCE	— — — — —
— — — — —	WOOD SCREEN WALL	— — — — —
— — — — —	LIGHT POLE	— — — — —
— — — — —	MONUMENT SIGN	— — — — —
— — — — —	MAJOR CONTOUR	— 5460 —
— — — — —	MINOR CONTOUR	— 5461 —

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GRADING PLAN
PLUM CREEK CONVENIENCE
SITE DEVELOPMENT PLAN
L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
2/12/2020
SHEET 3 OF 10



PLUM CREEK CONVENIENCE

PROPOSED		EXISTING
_____	EASEMENT	_____
_____	PROPERTY LINE	_____
=====	SITE PROPERTY LINE	=====
=====	R.O.W. LINE	=====
_____	SITE R.O.W. LINE	_____
_____	SIGHT TRIANGLE	_____
GAS	GAS LINE	GAS
UGT	UNDERGROUND TELEPHONE	UGT
FO	FIBER OPTIC	FO
CTV	UNDERGROUND CABLE	CTV
	FIRE HYDRANT	FW
	WATER METER	WM
W	WATER MAIN	W
W	WATER SERVICE	W
	WATER VALVE	
	TRANSFORMER	TR
UGE	UNDERGROUND ELECTRIC	UGE
SS	SANITARY CLEANOUT	SS
	SANITARY MAIN	SS
	SANITARY SERVICE	SS
	SANITARY MANHOLE	SM
	STORM INLET	SI
	STORM MANHOLE	SM
	STORM PIPE	
	BUILDING OUTLINE	
	BACK OF CURB	
	EDGE OF PAVEMENT / PAN FLOWLINE	
	PAVEMENT MARKING	
	6" CONCRETE PAVEMENT	
	TRAFFIC SIGN	
	BOLLARD	
X X	BARBED WIRE FENCE	X X
	SPLIT RAIL FENCE	
	WOOD SCREEN WALL	
	LIGHT POLE	
	MONUMENT SIGN	

UTILITY NOTES:

1. All proposed easements must be recorded prior to issuance of construction permits.
2. The minimum separation between waterlines, sanitary sewer and storm sewer lines is 10 feet.
3. The minimum separation between water service lines is 5 feet.
4. This site is located within the Town of Castle Rock 3a (Blue-East) water pressure zone, but will connect to the Purple Zone.

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UTILITY PLAN
PLUM CREEK CONVENIENCE
SITE DEVELOPMENT PLAN
L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
2/12/2020
SHEET 4 OF 10

 THE
DIMENSION
GROUP

ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING

5600 S. QUEBEC STREET, SUITE 325C, GREENWOOD VILLAGE, COLORADO 80111
TEL: 720-536-3180 www.DimensionGrp.com

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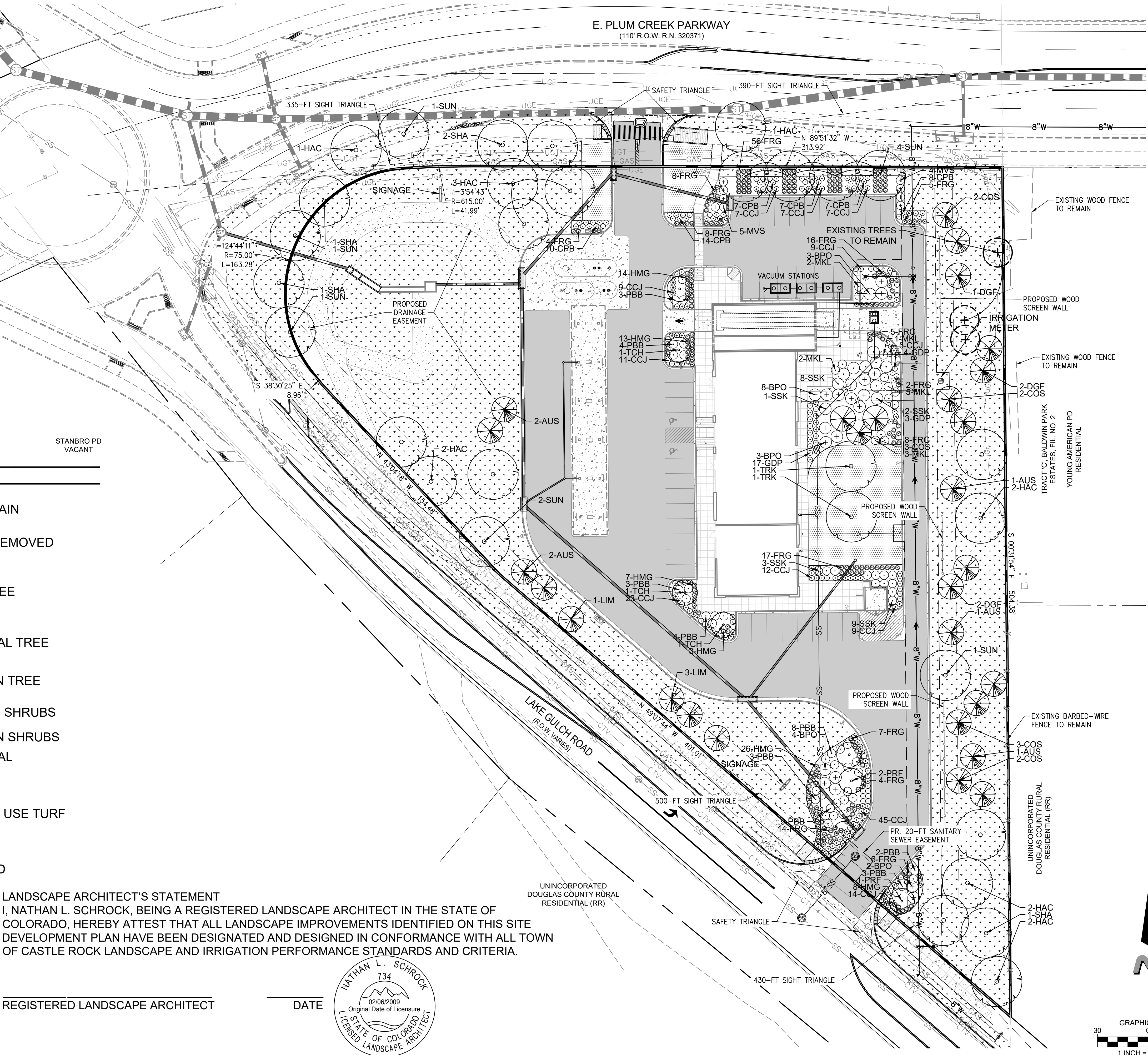
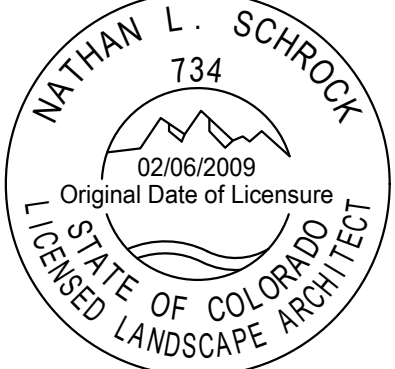
LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE
- PROPOSED DECIDUOUS SHRUBS
- PROPOSED EVERGREEN SHRUBS
- PROPOSED ORNAMENTAL GRASSES
- IRRIGATED LOW WATER USE TURF
- IRRIGATED NATIVE SEED

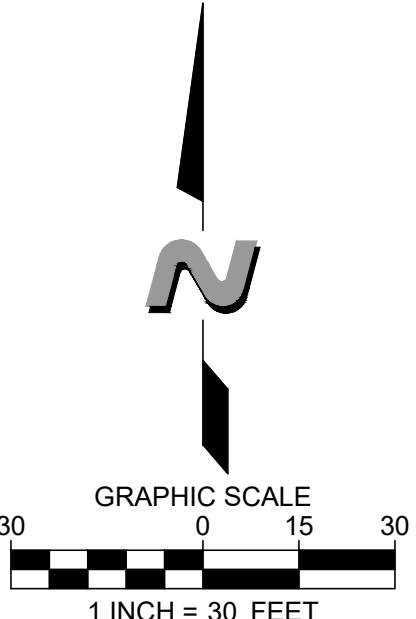
LANDSCAPE ARCHITECT'S STATEMENT
I, NATHAN L. SCHRÖCK, BEING A REGISTERED LANDSCAPE ARCHITECT IN THE STATE OF COLORADO, HEREBY ATTEST THAT ALL LANDSCAPE IMPROVEMENTS IDENTIFIED ON THIS SITE DEVELOPMENT PLAN HAVE BEEN DESIGNATED AND DESIGNED IN CONFORMANCE WITH ALL TOWN OF CASTLE ROCK LANDSCAPE AND IRRIGATION PERFORMANCE STANDARDS AND CRITERIA.

REGISTERED LANDSCAPE ARCHITECT

DATE



CONCEPTUAL LANDSCAPE PLAN
PLUM CREEK CONVENIENCE
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L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
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SHEET 5 OF 10



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CONCEPTUAL LANDSCAPE PLAN 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.

LANDSCAPE PLAN NOTES

- ALL TURF GRASS SOD AREAS ARE TO RECEIVE ORGANIC SOIL PREPARATION AT FOUR (4) CUBIC YARDS PER 1,000 SQUARE FEET MINIMUM.
- PREPARED BACKFILL FOR TREE/SHRUB PLANTING SHALL BE A MIX OF 2/3 IMPORTED/ SALVAGED TOPSOIL AND 1/3 ORGANIC SOIL AMENDMENT. WHERE TREES AND SHRUBS ARE LOCATED IN LARGE BEDS PROVIDE SOIL AMENDMENT AT A RATE OF FIVE CUBIC YARDS PER ONE THOUSAND SQUARE FEET AND TILL EIGHT INCHES INTO THE SOIL THROUGHOUT THE ENTIRE PLANTING BED, NOT JUST IN EXCAVATED PLANTING HOLES.
- ALL NATIVE SEED AREAS ARE TO RECEIVE ORGANIC SOIL PREPARATION AT THREE (3) CUBIC YARDS PER 1,000 SQUARE FEET OR AS DIRECTED IN A SOIL ANALYSIS REPORT.
- ALL LANDSCAPE AREAS AND PLANT MATERIAL, EXCLUDING NON-IRRIGATED NATIVE SEED SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. THE PROVIDED IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION AND MAINTENANCE SHALL BE IN CONFORMANCE WITH THE TOWN OF CASTLE ROCK REQUIREMENTS.
- SURFACE MATERIAL OF WALKS, VEHICULAR DRIVES AND PLAZA AREAS SHALL CONFORM TO ADA REQUIREMENTS AND BE MATERIALS AS NOTED IN THESE SITE AND LANDSCAPE PLANS.
- ALL UTILITY EASEMENT SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- A THREE (3) FOOT CLEAR ZONE SHALL BE PROVIDED AROUND ALL FIRE HYDRANTS.
- PROPOSED LANDSCAPE MATERIAL SHALL NOT ENCROACH INTO ROADWAYS THAT ARE DEDICATED FIRE LANES.
- SHRUB BEDS ARE TO BE CONTAINED BY 4" x 14 GAUGE GALVANIZED EDGER, RYERSON OR EQUAL. EDGER IS NOT REQUIRED WHEN ADJACENT TO CURBS, WALLS, OR WALKS.ALL
- SHRUB BEDS ARE TO BE MULCHED WITH MIN. 3" DEPTH, 1 1/2"-3" RIVER ROCK OVER SPECIFIED GEOTEXTILE WEED CONTROL FABRIC.
- TREES IN TURF AREAS ARE TO HAVE ROCK MULCH SQUARES INSTALLED PER PLAN. ROCK MULCH IS TO BE INSTALLED AT THE STANDARD DEPTH, AND CONTAINED BY STEEL EDGER.
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING BURIED UTILITIES AND OBTAIN ALTERNATE TREE LOCATION APPROVAL WITH THE CITY INSPECTORS, PRIOR TO INSTALLATION IF NECESSARY.
- IT IS ACKNOWLEDGED THAT STREET TREES WILL BE PLACED IN THE R.O.W. AT A SPACING OF 1 TREE PER 40 L.F. OF CURB FRONTAGE PER THE TOWN OF CASTLE ROCK LANDSCAPE PERFORMANCE STANDARDS AND CRITERIA.
- EXISTING TREES TO REMAIN THAT DIE AS A RESULT OF CONSTRUCTION WILL BE REPLACED WITH TREES MATCHING THE PROPOSED TREES.

PLANT LIST

SYM	COMMON NAME	BOTANICAL NAME	QTY	SIZE & CONDITION
CANOPY TREES				
HAC	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	12	2 1/2" CAL. B&B
SHA	SHADEMASTER HONEYLOCUST	GLEDITSIA TRIACANTHOS 'SHADEMASTER'	5	2 1/2" CAL. B&B
SUN	SUNBURST LOCUST	GLEDITSIA TRIACANTHOS 'SUNBURST'	10	2 1/2" CAL. B&B
TRK	TURKISH FILBERT	CORYLUS COLUMNNA	2	2 1/2" CAL. B&B
EVERGREEN TREES				
AUS	AUSTRIAN PINE	PINUS NIGRA	7	6' HT.
COS	COLORADO SPRUCE	PICEA PUNGENS	12	6' HT.
DGF	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	5	6' HT.
LIM	LIMBER PINE	PINUS FLEXILIS	4	6' HT.
ORNAMENTAL TREES				
PRF	PRAIRIEFIRE CRAB (PINK)	MALLUS 'PRAIRIEFIRE'	3	2 1/2" CAL. B&B
TCH	THORNLESS COCKSPUR HAWTHORN	CRATAEGUS CRUS GALLI INERMIS	3	2 1/2" CAL. B&B
SMALL DECIDUOUS SHRUBS 2'-5' SPREAD				
CPB	CRIMSON PYGMY BARBERRY	BERBERIS THUNBERGII 'ATROPURPUREA NANA'	53	5 GAL. CONT.
GDP	GOLD DROP POTENTILLA	POTENTILLA FRUITICOSA 'GOLD DROP'	24	5 GAL. CONT.
MEDIUM DECIDUOUS SHRUBS 5'-7' SPREAD				
MKL	MISS KIM LILAC	SYRINGA PATULA	14	10 GAL. CONT.
PBB	COMPACT PURPLE BUTTERFLY BUSH	BUDDLEA DAVIDII NANHOENSIS 'PETITE PLUM'	39	10 GAL. CONT.
LARGE DECIDUOUS SHRUBS >7' SPREAD				
SSK	SASKATOON SERVICEBERRY	AMELANCHIER ALNIFOLIA	23	15 GAL. CONT.
SMALL EVERGREEN SHRUBS 2'-5' SPREAD				
CCJ	CALGARY CARPET JUNIPER	JUNIPERUS SABINA 'MONNA'	159	5 GAL. CONT.
MEDIUM EVERGREEN SHRUBS 5'-7' SPREAD				
MVS	MESA VERDE SPRUCE	PICEA PUNGENS 'MESA VERDE'	8	10 GAL. CONT.
LARGE EVERGREEN SHRUBS >7' SPREAD				
BPO	BLUE POINT JUNIPER	JUNIPERUS CHINENSIS "BLUE POINT"	20	15 GAL. CONT.
ORNAMENTAL GRASSES				
FRG	FEATHER REED GRASS	CALAMAGROSTIS ARUNDINACEA 'KARL FOERSTER'	152	5 GAL. CONT.
HMG	HEAVY METAL SWITCHGRASS	PANICUM VIRGATUM 'HEAVY METAL'	71	5 GAL. CONT.

COMMERCIAL LANDSCAPE SITE INVENTORY

Gross Site Area	Required Landscape Area (s.f.)	Moderate Water Use Turfgrass (Area in s.f.)	Nonliving Ornmental	No. of Required Trees	No. of Trees Provided	No. of Shrubs Required	No. of Shrubs Provided	Soil Prep Amounts (rate of 4 cu.yds. Per 1000 s.f.)	Separate Irrigation Service Connections
132,986.93	13,298.69	5,723	0	27	*42	54	322	62.95	YES
Parking Lot (Area in s.f.)	Parking Lot Landscape Area (s.f.)	No. of Parking Spaces	Nonliving Ornamental (Area in s.f)	No. of Interior Landscape Islands	Minimum Width of Interior Landscaped Islands	No. of Trees Required	No. of Trees Provided	No. of Shrubs Required	No. of Shrubs Provided
13,967	1,849	48	0	0	N/A	4.00	4	12.00	94
Plum Creek Streetscape (l.f.)	Lake Gulch Streetscape (l.f.)	Streetscape Trees Required	Streetscape Trees Provided	Streetscape Shrubs Required	Streetscape Shrubs Provided				
434	579	25.33	26	101.3	155				

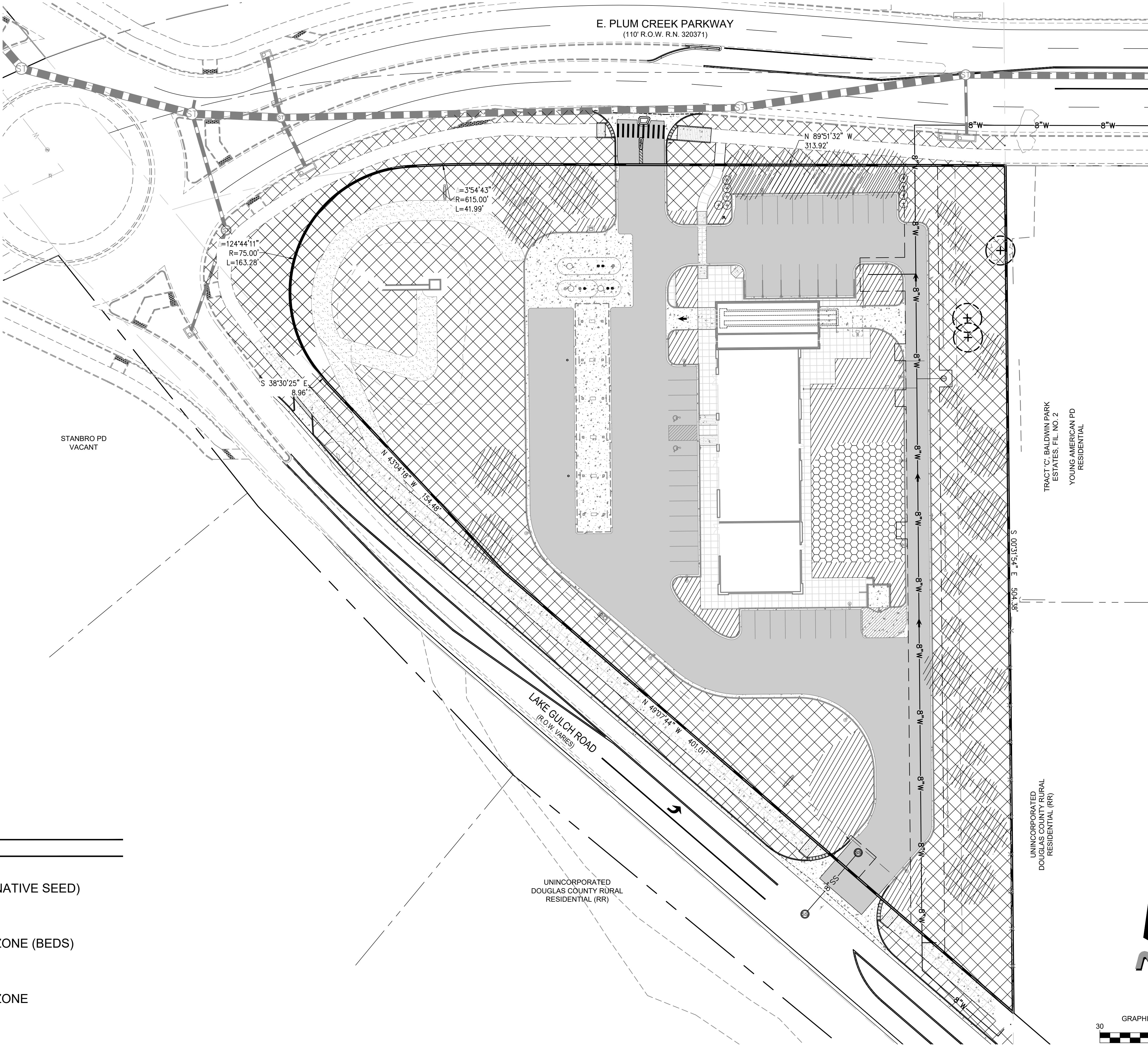


LANDSCAPE NOTES
PLUM CREEK CONVENIENCE
SITE DEVELOPMENT PLAN
L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
2/12/2020
SHEET 6 OF 10

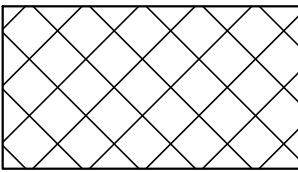
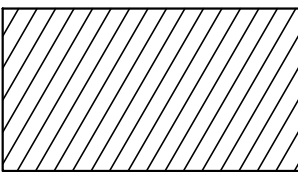
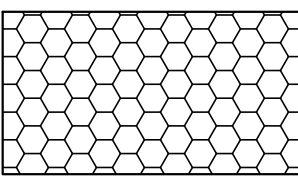
SITE DEVELOPMENT PLAN
LOT 1, BLOCK 1, BALDWIN PARK ESTATES, FILING NO. 2, AMENDMENT NO. 1

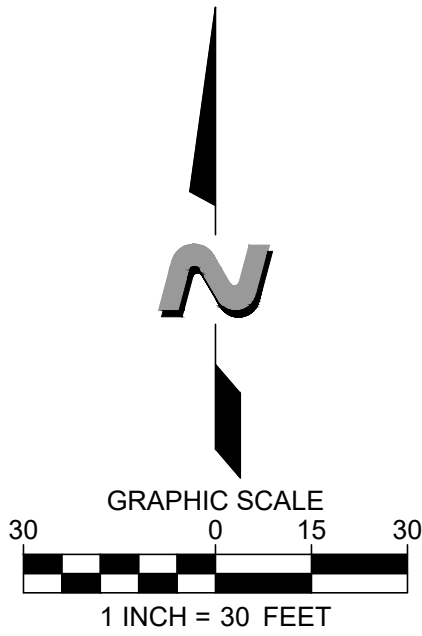
PLUM CREEK CONVENIENCE

LOCATED IN THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6th P.M.
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO



HYDROZONE LEGEND

- | | |
|---|--|
|  | LOW HYDROZONE (NATIVE SEED)
68,029 S.F. |
|  | MODERATE HYDROZONE (BEDS)
10,015 S.F. |
|  | MODERATE HYDROZONE
4,708 S.F. |



HYDROZONE PLAN
PLUM CREEK CONVENIENCE
SITE DEVELOPMENT PLAN
L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
2/12/2020
SHEET 7 OF 10



SITE DEVELOPMENT PLAN
LOT 1, BLOCK 1, BALDWIN PARK ESTATES, FILING NO. 2, AMENDMENT NO. 1

PLUM CREEK CONVENIENCE

LOCATED IN THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6th P.M.
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO



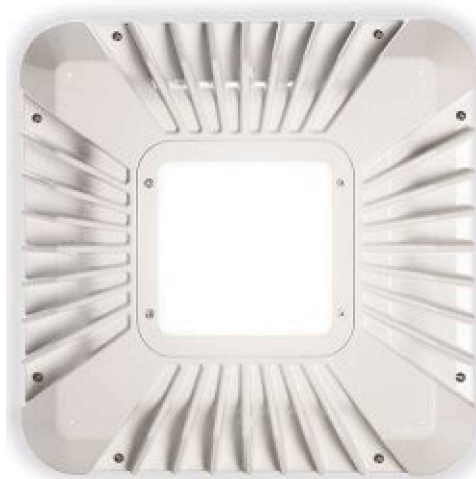
E

GE - EASC Area Lighting



D

GE - EWS Wall Pack



A

GE - ECBB Canopy Light



S

SUNSET - F6902-31 2-LIGHT BLACK
WALL SCONCE



C

PHILIPS LED EMERGENCY LIGHT

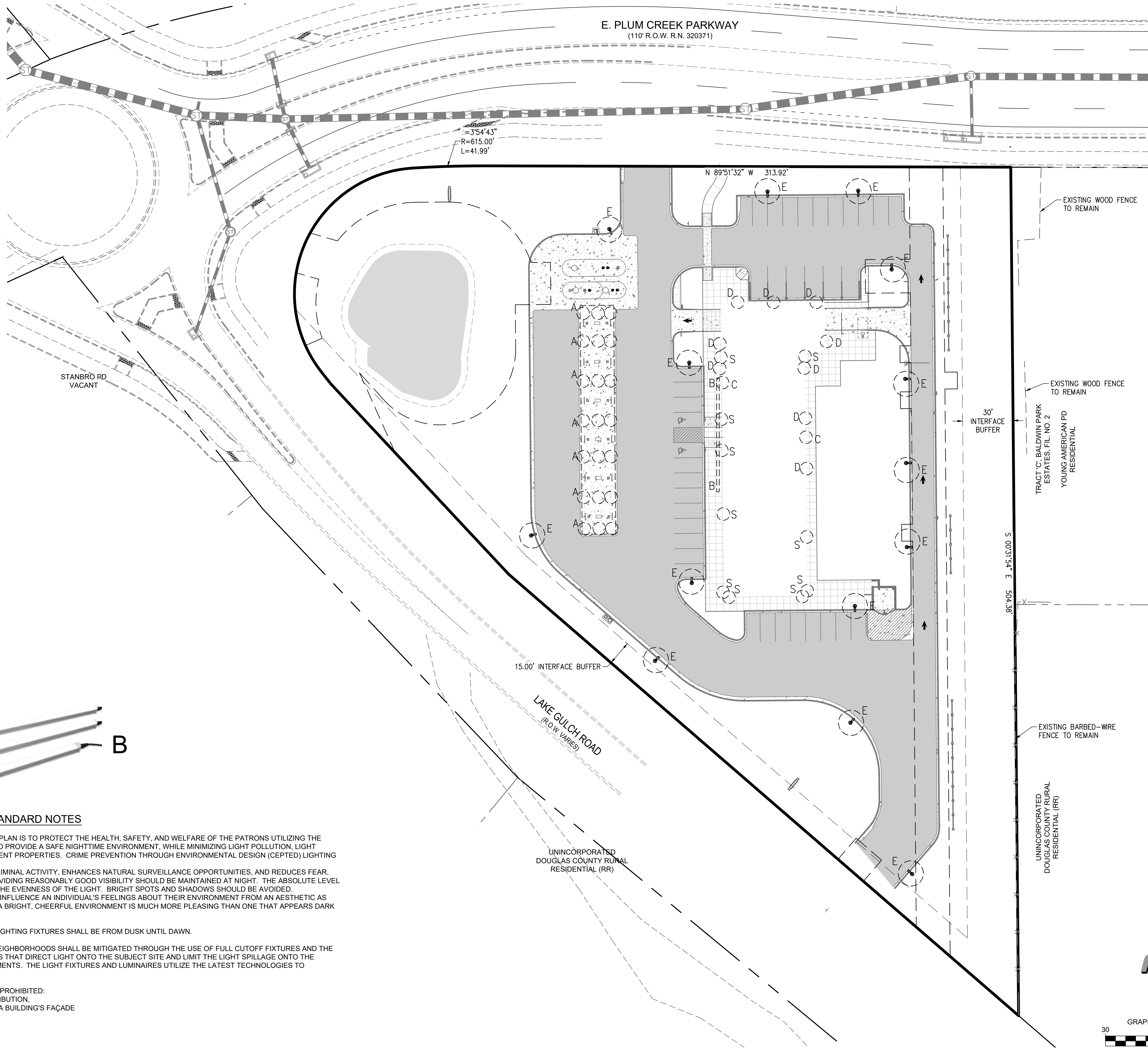


B

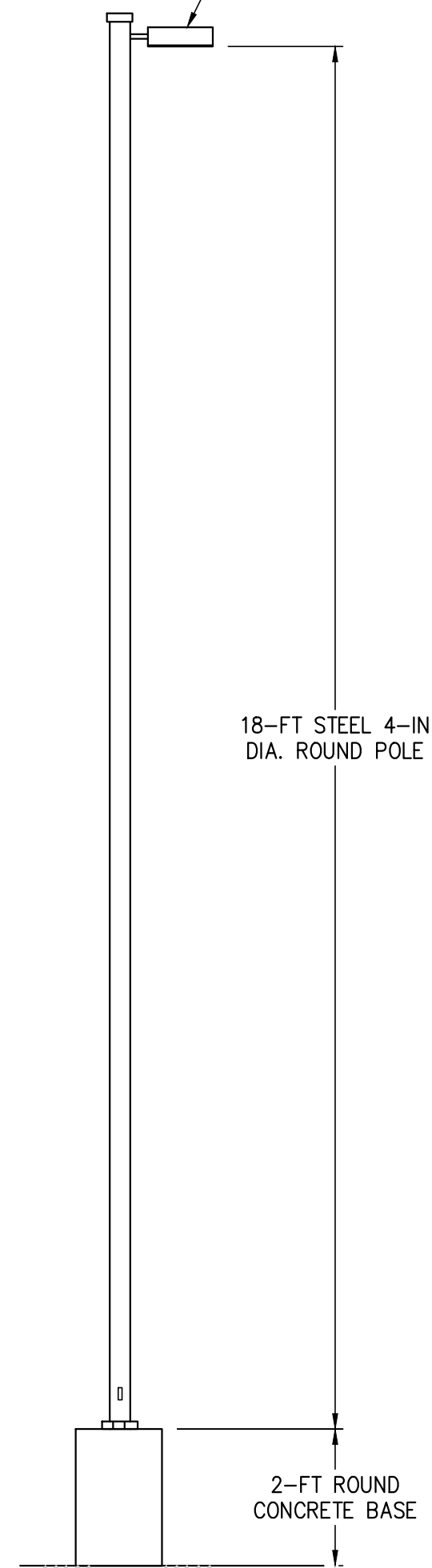
BATTEN STRIP

GENERAL LIGHTING PLAN STANDARD NOTES

- THE OBJECTIVE OF THE ILLUMINATION PLAN IS TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THE PATRONS UTILIZING THE FACILITY, BY ILLUMINATING THE SITE TO PROVIDE A SAFE NIGHTTIME ENVIRONMENT, WHILE MINIMIZING LIGHT POLLUTION, LIGHT TRESPASS, AND GLARE ON THE ADJACENT PROPERTIES. CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN (CEPTED) LIGHTING CONCEPTS INCLUDE THE FOLLOWING:
 - GOOD LIGHTING DISCOURAGES CRIMINAL ACTIVITY, ENHANCES NATURAL SURVEILLANCE OPPORTUNITIES, AND REDUCES FEAR.
 - A CONSTANT LEVEL OF LIGHT PROVIDING REASONABLY GOOD VISIBILITY SHOULD BE MAINTAINED AT NIGHT. THE ABSOLUTE LEVEL OF LIGHT IS LESS CRITICAL THAN THE EVENNESS OF THE LIGHT. BRIGHT SPOTS AND SHADOWS SHOULD BE AVOIDED.
 - AS USED IN OPTED, LIGHTING CAN INFLUENCE AN INDIVIDUAL'S FEELINGS ABOUT THEIR ENVIRONMENT FROM AN AESTHETIC AS WELL AS A SAFETY STANDPOINT. A BRIGHT, CHEERFUL ENVIRONMENT IS MUCH MORE PLEASING THAN ONE THAT APPEARS DARK AND LIFELESS.
- THE HOURS OF OPERATION FOR THE LIGHTING FIXTURES SHALL BE FROM DUSK UNTIL DAWN.
- LIGHT TRESPASS ON THE ADJACENT NEIGHBORHOODS SHALL BE MITIGATED THROUGH THE USE OF FULL CUTOFF FIXTURES AND THE PLACEMENT OF POLE MOUNTED LIGHTS THAT DIRECT LIGHT ONTO THE SUBJECT SITE AND LIMIT THE LIGHT SPILLAGE ONTO THE NEIGHBORING RESIDENTIAL DEVELOPMENTS. THE LIGHT FIXTURES AND LUMINAIRES UTILIZE THE LATEST TECHNOLOGIES TO ACCOMPLISH THIS GOAL.
- THE FOLLOWING LIGHTING TYPES ARE PROHIBITED:
 - FORWARD THROW (TYPE IV) DISTRIBUTION.
 - POLE MOUNTED LIGHTS AIMED AT A BUILDING'S FAÇADE
 - UNSHIELDED WALL PACKS



POLE MOUNT LIGHT FIXTURE
FULL CUT OFF DARK SKY FRIENDLY

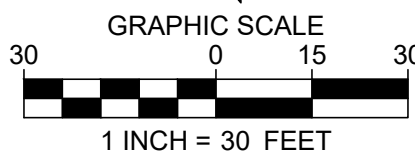


POLE MOUNT LIGHT
FIXTURE DETAIL

ILLUMINATION PLAN
PLUM CREEK CONVENIENCE
SITE DEVELOPMENT PLAN
L1, B1, BALDWIN PARK ESTATES, F2, AMD. 1
2/12/2020
SHEET 8 OF 10



ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING
5600 S. QUEBEC STREET, SUITE 325C, GREENWOOD VILLAGE, COLORADO 80111
TEL: 720-336-3190 www.DimensionGrip.com



SITE DEVELOPMENT PLAN
LOT 1, BLOCK 1, BALDWIN PARK ESTATES, FILING NO. 2, AMENDMENT NO. 1

PLUM CREEK CONVENIENCE

LOCATED IN THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6th P.M.
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO



GE Evolve
LED Area Lighting
Scalable EASC

current
powered by GE

Product Features

The next evolution of the GE Evolve™ LED Area Light continues to deliver outstanding features, while adding greater flexibility, style and scalability. This latest design offers higher lumen outputs and provides photometric combinations with high efficiency, providing the ability to meet even a wider range of area lighting needs. Additionally, the new EASC Evolve Luminaire comes with a specially designed auto dimming optic for exceptional illuminance on the dealership's front row. Optional programmable motion sensing for Title 24 compliance is available.

Applications

- Site, area, and general lighting applications
- Utilizing advanced LED optical system providing high uniformity, excellent vertical light distribution, reduced glare visibility, reduced on-site glare and effective security light levels.
- Ideal for small to large retailers, commercial to medical properties, and big box retailers.

Housing

- Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer long LED life, and a reduced effective Projected Area (EPA).
- Meets 35 vibration standards per ANSI C136.31, 2020 for Signifier and Mounting Arm configurations. Meets 1.50 vibration standards for Knuckle Splitter Mounting.

LED & Optical Assembly

- Structural LED array for optimized area light photometric distribution.
- Evolve light engine with directional reflectors designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CR at 4000K and 5000K typical.

Lumen Maintenance

- Projected L90-100,000 hours per IES TM-21.
- Projected Lx per IES TM-21 at 25°C for reference.

Options

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Accessories

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Warranty

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Ordering Number Logic									
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EAS C									
									
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