NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

LIST OF CONTACTS

APPLICANT/DEVELOPER

KING SOOPERS, INC. 65 TEJON STREET DENVER, COLORADO 80223 TEL: (303) 778–3183 ATTN: DAN HUBBELL ENGINEER

GALLOWAY & COMPANY, INC. 6162 S. WILLOW DRIVE, SUITE 320 GREENWOOD VILLAGE, COLORADO 80111 TEL: (303) 770-8884 FAX: (303) 770–3636 ATTN: AARON JOHNSTON, P.E.

EMAIL: AaronJohnston@gallowayus.com

<u>SURVEYOR</u>

GALLOWAY & COMPANY, INC. 1155 KELLY JOHNSON BLVD., SUITE 305 COLORADO SPRINGS, COLORÁDO 80920 TEL: (719) 900–7220 FAX: (303) 770–3636 ATTN: BRIAN DENNIS EMAIL: BrianDennis@gallowayus.com

UTILITY CONTACTS

WATER, <u>SANITARY, & STORM SEWER</u>

TOWN OF ERIE 645 HOLBROOK ST. ERIE, CO 80516 TEL: (303) 926–2700 ATTN: TYLER BURHENN

FIRE MOUNTAIN VIEW FIRE PROTECTION DISTRICT 3561 STAGECOACH ROAD LONGMONT, CO 80504

TEL: (303) 772–0710 ATTN: LUANN PENFOLD

ELECTRICAL

XCEL 1123 WEST 3RD AVE. DENVER, CO 80223 ATTN: DONNA GEORGE EMAIL: donna.l.george@xcelenergy.com

GAS XCEL ENERGY

1123 WEST 3RD AVENUE DENVER, CO 80223 (303) 571-3306 ATTN: DONNA GEORGE

EMAIL: Donna.L.George@xcelenergy.com

TELEPHONE CENTURY LINK COMMUNICATIONS

3702 AUTOMATION WAY, SUITE 106 FORT COLLINS, COLORADO 80525 TEL: (720) 490–7508 ATTN: TERRY SPEER

ITEM	SQUARE FOOTAGE	% OF GROSS SITE	
	LOT 10		
GROSS SITE AREA	341,926	100.0	
BUILDING FOOTPRINT	103,000	30.1	
PARKING / ROADS	207,492	60.7	
TRAILS AND SIDEWALKS	14,222	4.2	
HARDSCAPE TOTAL	324,714	95.0	
PLANTED AREA	17,212	5.0	
LANDSCAPE TOTAL	17,212	5.0	
(*LANDSCAPING QUANTITY FOR LOT 10 IS FOR INFORMATIONAL PURPOSE PERCENTAGE REQUIREMENT FOR THE OVERALL ERIE NINE MILE DEVELOPM APPROVED PD)	S ONLY. THERE IS NO LANDSCAPING REQUIREMENT FOR LO IENT IS SATISFIED BY CALCULATING LANDSCAPING WITHIN	IT 10 ITSELF AS THE 15% LANDSCAPE OVERALL PD BOUNDARIES, PURSUANT TO THE	
ITEM	DESCF	RIPTION	
BUILDING (1 STORY)			
FOOTPRINT	103,00	103,000 S.F.	
USE CATEGORY	COMMERCIA	AL / RETAIL	
USE TYPE	GROCERY STORE		
PARKING			
TOTAL PARKING			
REQUIRED (INCLUDING ACCESSIBLE)	1 PER 350 S.F. / 295 SPACES		
PROVIDED	404		
ACCESSIBLE SPACES REQUIRED / PROVIDED	7 (2 VAN) / 20 (4 VAN)		
TYPE B LOADING SPACES REQUIRED / PROVIDED	3 / 3		
BICYCLE PARKING REQUIRED /	21	21 / 21	
TROUDED	4 / 4		





SHEET INDEX Sheet Title Sheet Number COVER SHEET GENERAL NOTES COPYRIGHT SITE PLAN THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY SITE DETAILS NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. GRADING PLAN COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED. EROSION CONTROL PLAN (INITIAL) EROSION CONTROL PLAN (INTERIM-FINAL) UTILITY PLAN PHOTOMETRIC PLAN 10 PHOTOMETRIC DETAILS 11 OVERALL LANDSCAPE PLAN LANDSCAPE PLAN 12 King Soopers 13 LANDSCAPE PLAN Supermarket / Petroleum LANDSCAPE PLAN 14 65 Tejon Street 15 LANDSCAPE PLAN Denver, CO 80223 Phone (303) 778-3053 16 LANDSCAPE NOTES & DETAILS Fax (303) 871-9262 17 OVERALL IRRIGATION PLAN 18 IRRIGATION PLAN & NOTES 19 IRRIGATION PLAN 20 IRRIGATION PLAN 21 IRRIGATION PLAN 22 IRRIGATION DETAILS \sim 23 BUILDING ELEVATIONS No 24 BUILDING ELEVATIONS (COLOR) DMENT LEGAL DESCRIPTION LOT 10A, NINE MILE CORNER, AMENDMENT No. 2, ACCORDING TO THE PROPOSED PLAT (MPA-001291-2021), TOWN OF ERIE, COUNTY OF BOULDER, STATE OF COLORADO. **BENCHMARK** ш AMENI RE BENCHMARK "WANAKA", BEING A 3-1/4" BRASS CAP STAMPED "WANAKA", LOCATED ON THE EAST SIDE OF WANAKA LAKE, 41 FEET SOUTH-SOUTHEAST FROM THE CENTER OF THE LAKE OVERFLOW, 4.5 FEET SOUTH FROM A WITNESS POST AND 2.4 FEET EAST-SOUTHEAST FROM THE S EASTERN EDGE OF A NORTH-SOUTH SIDEWALK. 107th NAVD88 ELEVATION = 5323.00 (GPS OBS.) . В. В. SHOT=5323.77 VIA LEICA SPIDERNET NETWORK RNEF BASIS OF BEARING ల ERS BASIS OF BEARING: ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE ROAD RADO COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST BEARS NO0°20'15"W, MONUMENTED BY THE CENTER-NORTH SIXTEENTH CORNER OF SAID PLANS SOOPI MILE C SECTION 34, BEING A 3-1/2 INCH ALUMINUM CAP STAMPED "PLS 38064" IN RANGE BOX, AND BY THE NORTH QUARTER CORNER OF SAID SECTION 34, BEING A 2-1/2 INCH ALUMINUM CAP IN ШΟ RANGE BOX, AS SHOWN HEREON. AHOE COL(щΟш ARAP ERIE, SITE KIN(NIN # Date Issue / Description Init. 1 <u>9/1/21</u> 2ND SITE PLAN SUBMITTAL <u>ACJ</u> 2 10/22/21 3RD SITE PLAN SUBMITTAL ACJ <u>3 11/11/21 4th SITE PLAN SUBMITTAL ACJ</u> _____ SITE PLAN APPROVAL CERTIFICATE _ ____ ___ ___ ___ THIS SITE PLAN HAS BEEN REVIEWED AND FOUND TO BE COMPLETE AND IN ACCORDANCE WITH APPLICABLE TOWN OF ERIE REGULATIONS. ____ _ ____ PLANNING COMMISSION CHAIR DATE _____ THE UNDERSIGNED AS THE OWNER OR OWNER'S REPRESENTATIVE OF THE LANDS DESCRIBED HEREIN, HEREBY AGREES ON BEHALF OF HIMSELF/HERSELF, THEIR HEIRS, SUCCESSORS, AND ASSIGNS TO DEVELOP AND MAINTAIN THE PROPERTY DESCRIBED HEREON IN ACCORDANCE WITH THIS APPROVED SITE PLAN AND IN COMPLIANCE WITH THE TOWN OF ERIE UNIFIED DEVELOPMENT CODE AND MUNICIPAL CODE. KSS000138 Project No: RDG (OWNER SIGNATURE) Drawn By: (OWNER NAME PRINTED) ACJ Checked By: 05/21/21 Date: ACKNOWLEDGED BEFORE ME THIS ____ COVER SHEET WITNESS MY HAND AND OFFICIAL SEAL NOTARY PUBLIC MY COMMISSION EXPIRES: _ of 24

Galloway

6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111

303.770.8884 GallowayUS.com

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO

TOWN OF ERIE GENERAL NOTES - CONSTRUCTION

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST "STANDARDS AND SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS" BY THE TOWN OF ERIE. COPIES OF THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS MAY BE OBTAINED FROM THE TOWN OF ERIE WEB SITE. CONTRACTOR SHALL HAVE A SET ON SITE AT ALL TIMES.
- 2. THE OWNER SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE TOWN OF ERIE ENGINEERING STAFF PRIOR TO THE START OF CONSTRUCTION. THOSE IN ATTENDANCE SHALL INCLUDE THE OWNER, HIS ENGINEER, THE TOWN OF ERIE ENGINEERING STAFF, REPRESENTATIVES OF THE CONTRACTORS AND OTHER AFFECTED AGENCIES. PLANS SIGNED AND ACCEPTED BY THE TOWN OF ERIE WILL BE DISTRIBUTED AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL HAVE (1) COPY OF THE SIGNED PLANS ON SITE AT ALL TIMES.
- 3. THE TOWN OF ERIE, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. THE OWNER AND DESIGN ENGINEER UNDERSTAND THAT THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT. REPORT ALL DISCREPANCIES TO THE DESIGN ENGINEER IMMEDIATELY.
- 4. PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL OBTAIN ANY/ALL WRITTEN AGREEMENTS FOR INGRESS AND EGRESS TO THE WORK SITE FROM ADJACENT PRIVATE PROPERTY OWNERS. A COPY OF ALL AGREEMENTS SHALL BE PROVIDED TO THE TOWN. ACCESS TO ANY ADJACENT PRIVATE PROPERTY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- 5. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF ERIE ENGINEERING STAFF. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO TOWN STANDARDS AND SPECIFICATIONS. INSPECTIONS AND ONSITE VISITS ARE NOT TO BE CONSTRUED AS A GUARANTEE BY THE TOWN ENGINEERING STAFF OF THE CONTRACTORS" CONTRACTUAL COMMITMENT. REQUESTS FOR INSPECTION BY THE TOWN OF ERIE SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF TWENTY-FOUR HOURS IN ADVANCE.
- 6. CONSTRUCTION WATER IS AVAILABLE TO THE CONTRACTOR AS ESTABLISHED IN THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE TOWN OF ERIE REGARDING CURRENT REGULATIONS, FEES AND REQUIRED AGREEMENTS RELATED TO THE PROVISION OF CONSTRUCTION WATER.
- 7. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE AFFECTED UTILITY COMPANIES AND SHALL NOTIFY THE UTILITY NOTIFICATION CENTER, PHONE NUMBER 811, THREE (3) BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION.
- 8. UTILITIES IN THE AREA OF CONSTRUCTION ARE APPROXIMATE ONLY. THEY HAVE BEEN LOCATED FROM FIELD INVESTIGATION AND THE BEST AVAILABLE UTILITY RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION AND REPAIR OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL CONTACT ALL RESPECTIVE UTILITIES AND HAVE ALL UTILITIES FIELD-LOCATED PRIOR TO CONSTRUCTION. IF ANY UNKNOWN SUBSURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION, IT SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE TOWN OF ERIE ENGINEERING STAFF AND DESIGN ENGINEER PRIOR TO PROCEEDING.
- 9. THE CONTRACTOR SHALL NOTIFY TOWN OF ERIE ENGINEERING STAFF OF ANY PROBLEM IMPACTING WATER AND WASTE WATER FACILITIES THAT WOULD POTENTIALLY REQUIRE A VARIANCE FROM THE APPROVED PLANS AND SPECIFICATIONS. ANY VARIANCE FROM THE APPROVED DOCUMENTS SHALL BE AT THE SOLE DISCRETION OF THE TOWN OF ERIE ENGINEERING STAFF.
- 10. CONTRACTOR SHALL OBTAIN, AT HIS OWN EXPENSE, ALL APPLICABLE SPECIFICATIONS AND PERMITS NECESSARY TO PERFORM THE PROPOSED
- 11. AS-BUILT DRAWINGS AS REQUIRED IN THE SPECIFICATIONS, ARE TO BE SUBMITTED BY THE OWNER/DEVELOPER PRIOR TO INITIAL ACCEPTANCE OF THE CONSTRUCTION.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ANY EXISTING SIGNS, STRUCTURES, FENCES, ETC., ENCOUNTERED ON THE JOB AND RESTORING THEM TO THEIR ORIGINAL CONDITION.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR: A. NOTIFYING THE TOWN OF ERIE UTILITY CUSTOMERS OF POTENTIAL SERVICE OUTAGES, AND COORDINATE WITH THE TOWN OF ERIE FOR
- DETERMINATION OF MINIMUM TIME REQUIREMENT. B. NOTIFYING THE TOWN OF ERIE ENGINEERING STAFF IF WORK IS SUSPENDED FOR ANY PERIOD OF TIME AFTER INITIAL START-UP. THE CONTRACTOR SHALL NOTIFY THE TOWN OF ERIE FORTY-EIGHT (48) HOURS PRIOR TO RESTART.
- C. IN THE EVENT OF AN AFTER HOURS EMERGENCY, CALL 303-441-4444.
- D. NOTIFYING THE MOUNTAIN VIEW FIRE PROTECTION DISTRICT OF ALL STREET CLOSURES AND EXISTING FIRE HYDRANTS TAKEN OUT OF SERVICE A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
- 14. PRIOR TO INSTALLATION OF UTILITY MAINS, ROAD CONSTRUCTION MUST HAVE COMPLETED THE OVER LOT GRADING STAGE.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING ANY GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION OF ANY PORTION OF THIS PROJECT. GROUNDWATER MUST BE MANAGED PER THE REQUIREMENTS IDENTIFIED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE). GROUNDWATER SHALL BE PUMPED. PIPED. REMOVED AND DISPOSED OF IN A MANNER WHICH DOES NOT CAUSE FLOODING OF EXISTING STREETS OR EROSION OF ABUTTING PROPERTIES IN ORDER TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THESE PLANS. THE USE OF ANY SANITARY SEWER TO DISPOSE OF TRENCH WATER WILL NOT BE PERMITTED. NO CONCRETE SHALL BE PLACED WHERE GROUNDWATER IS VISIBLE OR UNTIL THE GROUNDWATER TABLE HAS BEEN LOWERED BELOW THE PROPOSED IMPROVEMENTS. ANY UNSTABLE AREAS, AS A RESULT OF GROUNDWATER, ENCOUNTERED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE STABILIZED AS AGREED UPON BY THE CONTRACTOR, THE TOWN OF ERIE, AND THE DESIGN ENGINEER AT THE TIME OF THE OCCURRENCE
- 16. IT SHALL BE THE RESPONSIBILITY OF THE DESIGN ENGINEER TO RESOLVE CONSTRUCTION PROBLEMS WITH THE TOWN OF ERIE DUE TO CHANGED CONDITIONS ENCOUNTERED BY THE CONTRACTOR DURING THE PROGRESS OF ANY PORTION OF THE PROPOSED WORK. IF, IN THE OPINION OF THE TOWN OF ERIE, PROPOSED ALTERATIONS TO THE SIGNED CONSTRUCTION PLANS INVOLVES SIGNIFICANT CHANGES TO THE CHARACTER OF THE WORK, OR TO THE FUTURE CONTIGUOUS PUBLIC OR PRIVATE IMPROVEMENTS. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR SUBMITTING REVISED PLANS TO THE TOWN OF ERIE FOR REVIEW, PRIOR TO ANY FURTHER CONSTRUCTION RELATED TO THAT PORTION OF THE WORK.
- 17. DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS. THE TOWN OF ERIE OR THE DESIGN ENGINEER EXERCISE NO CONTROLS OVER THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENTS, SCAFFOLDING, FORMS OR OTHER WORK AIDS USED IN OR ABOUT THE PROJECT, OR IN THE SUPERINTENDING OF THE SAME. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, THE DESIGN ENGINEER OR THE TOWN. THE TOWN OF ERIE ENGINEERING STAFF, OR ANY CONTRACTED ENGINEER, ARE NOT RESPONSIBLE FOR SAFETY IN, ON OR ABOUT THE PROJECT SITE, NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY OF ANY REGULATIONS RELATING THERETO.
- 18. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
- 19. REGULAR WORK HOURS ARE SEVEN (7) A.M. UNTIL SEVEN (7) P.M. OR DUSK (WHICHEVER OCCURS FIRST) OF THE SAME DAY, MONDAY Through Friday. The contractor will not permit overtime work outside of regular working hours or the performance of WORK ON SATURDAY, SUNDAY OR ANY LEGAL HOLIDAY WITHOUT RECEIVING WRITTEN CONSENT FROM THE TOWN ENGINEER. REQUESTS FOR WEEKEND WORK APPROVAL MUST BE SUBMITTED, IN WRITING TO THE TOWN OF ERIE NO LATER THAN WEDNESDAYS AT 3:30 PM FOR SUBSEQUENT WEEKEND AND REQUESTS FOR HOLIDAY WORK APPROVAL MUST BE SUBMITTED. IN WRITING TO THE TOWN OF ERIE NO LATER THAN 7:00 AM - 2 BUSINESS DAYS PRIOR TO THE HOLIDAY. WHEN APPROVED, STANDARD WORK HOURS FOR WEEKENDS AND HOLIDAYS ARE EIGHT (8) A.M. UNTIL FOUR (4) P.M. OR AS STIPULATED BY THE TOWN ENGINEER. WORK HOURS FOR WORK IN ACTIVE ROW SHALL BE SUBJECT TO APPROVAL OF THE TOWN ENGINEER AND SHALL BE CONSIDERED ON A CASE BY CASE BASIS. ALL EXPENSES INCURRED BY THE TOWN SHALL BE REIMBURSED AT A RATE TO BE DETERMINED BY DIRECTOR OF FINANCE.
- 20. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK. THE OWNER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPROPRIATE PERMITS FROM BOTH THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT AND THE TOWN OF ERIE FOR ANY PROJECT DISTURBING ONE ACRE OR MORE OR ANY PROJECT LESS THAN ONE ACRE THAT IS PART OF A LARGER COMMON PLAN OF DEVELOPMENT.
- 21. EACH TYPE OF CONSTRUCTION SHALL BE COMPLETED BY A CONTRACTOR THAT HAS DEMONSTRATED ACCEPTABLE QUALIFICATIONS TO THE TOWN AND IS A LICENSED CONTRACTOR IN THE TOWN OF ERIE.
- 22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION. ALL TRAFFIC CONTROLS SHALL CONFORM TO THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) LATEST EDITIONS. A PLAN SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND ACCEPTANCE PRIOR TO CONSTRUCTION.
- 23. ALL BACKFILL SHALL CONFORM TO THE TRENCH DETAIL LOCATED IN THE TOWN OF ERIE STANDARDS & SPECIFICATIONS.
- 24. THE OWNER/OPERATOR IS RESPONSIBLE FOR ENSURING THE IMMEDIATE REMOVAL OF ANY CONSTRUCTION DEBRIS OR MUD TRACKED ONTO EXISTING ROADWAYS.
- 25. THE CONTRACTOR SHALL REPAIR ANY EXCAVATION OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.
- 26. THE CONTRACTOR SHALL RENEW OR REPLACE ANY EXISTING TRAFFIC STRIPING AND/OR PAVEMENT MARKINGS, WHICH HAVE BEEN EITHER REMOVED OR THE EFFECTIVENESS OF WHICH HAS BEEN REDUCED DURING HIS OPERATION. RENEWAL OF PAVEMENT STRIPING AND MARKING SHALL BE DONE IN CONFORMANCE WITH THE TOWN OF ERIE STANDARD SPECIFICATIONS.
- 27. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TAKE EVERY MEASURE NECESSARY TO COMPLY WITH ANY STATE, COUNTY OR TOWN DUST CONTROL ORDINANCE.
- 28. CONSTRUCTION VEHICLES SHALL USE TRUCK ROUTES DESIGNATED BY THE TOWN.
- 29. THE OWNER/DEVELOPER WILL BE HELD RESPONSIBLE FOR THE PROPER FUNCTIONING OF THE IMPROVEMENTS FOR A MINIMUM OF TWO (2) YEARS FROM THE DATE OF INITIAL ACCEPTANCE OF THE IMPROVEMENTS BY THE TOWN OF ERIE. ANY FAILURE DURING THIS PERIOD OF GUARANTEE SHALL BE REMEDIED BY THE OWNER/CONTRACTOR TO THE SATISFACTION OF THE TOWN OF ERIE AT NO EXPENSE TO THE TOWN.
- 30. THE SOILS ENGINEER SHALL PERFORM SUFFICIENT INSPECTIONS DURING GRADING AND CONSTRUCTION SO THAT AN OPINION CAN BE RENDERED AND VERIFIED IN WRITING AS TO COMPLIANCE WITH THE PLANS AND CODES WITHIN THE SOILS ENGINEER'S PURVIEW.
- 31. THE CONTRACTOR SHALL NOTIFY THE TOWN WITHIN 24 HOURS OF BECOMING AWARE OF A DISCHARGE OF ANY POLLUTANT INTO THE MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO THE MS4, RECEIVING WATERS, WATERWAYS, WETLANDS, OR OTHER PUBLIC OR PRIVATE PROPERTIES, RESULTING FROM WORK DONE AS PART OF THIS PROJECT.

TOWN OF ERIE GENERAL NOTES - GRADING

- STORMWATER QUALITY PERMIT FROM THE TOWN OF ERIE. CONTRACTOR SHALL:
- REQUEST
- PROVIDED TO THE TOWN OF ERIE ENGINEERING STAFF.
- E. BASED ON INSPECTIONS PERFORMED BY THE PERMIT HOLDER OR BY TOWN PERSONNEL, MODIFICATIONS TO THE SWMP WILL BE NECESSARY
- DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTROL.
- OCCUR AT THE END OF EVERY BUSINESS DAY WITH CONSTRUCTION ACTIVITY OCCURING.

2. ALL SITE GRADING (EXCAVATION, EMBANKMENT, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST SOILS INVESTIGATION FOR THIS PROPERTY AND SHALL FURTHER BE IN CONFORMANCE WITH THE TOWN OF ERIE "STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS", LATEST EDITION.

ALL GRADING AND FILLING OPERATIONS SHALL BE OBSERVED, INSPECTED AND TESTED BY A LICENSED SOILS ENGINEER. ALL TEST RESULTS SHALL BE SUBMITTED TO THE TOWN OF ERIE ENGINEERING STAFF.

I. NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR disturbance of vegetation shall be limited to the area required for immediate construction operation and for the shortest PRACTICAL PERIOD OF TIME. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID ANY DAMAGE TO EXISTING FOLIAGE THAT LIES IN THE PROJECT AREA UNLESS DESIGNATED FOR REMOVAL AND SHALL BE LIABLE FOR SUCH DAMAGE AT HIS/HER EXPENSE.

. TOPSOIL SHALL BE STOCKPILED TO THE EXTENT PRACTICABLE ON THE SITE FOR USE ON AREAS TO BE RE-VEGETATED. ANY AND ALL STOCKPILES SHALL BE LOCATED AND PROTECTED FROM EROSIVE ELEMENTS. IF MATERIALS ARE STORED OFFSITE, A WRITTEN USE AGREEMENT BETWEEN THE PERMITTEE AND THE OWNER/OPERATOR OF ANY CONTROL MEASURES BEING UTILIZED OUTSIDE OF THE PERMITTED AREA MUST BE MADE AVAILABLE TO TOWN PERSONNEL UPON REQUEST.

6. TEMPORARY VEGETATION/STABILIZATION SHALL BE INSTALLED ON ALL DISTURBED AREAS WHERE PERMANENT SURFACE IMPROVEMENTS ARE NOT SCHEDULED FOR IMMEDIATE INSTALLATION BUT NO LATER THAN FOURTEEN (14) DAYS. SEEDING WILL BE DONE ACROSS THE SLOPE FOLLOWING THE CONTOURS. VEGETATION SHALL CONFORM TO THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS. PROJECT SCHEDULING SHOULD TAKE ADVANTAGE OF SPRING OR FALL PLANTING SEASONS FOR NATURAL GERMINATION. SEEDED AREAS SHALL BE IRRIGATED IN ACCORDANCE WITH THE TOWN OF ERIE'S STANDARDS AND SPECIFICATIONS.

AT ALL TIMES. A WATER TRUCK SHALL BE ON-SITE AND THE PROPERTY SHALL BE MAINTAINED AND/OR WATERED TO PREVENT WIND-CAUSED EROSION. EARTHWORK OPERATIONS SHALL BE DISCONTINUED WHEN FUGITIVE DUST SIGNIFICANTLY IMPACTS ADJACENT PROPERTY. IF EARTHWORK IS COMPLETE OR DISCONTINUED AND DUST FROM THE SITE CONTINUES TO CREATE PROBLEMS, THE OWNER/DEVELOPER SHALL IMMEDIATELY INSTITUTE MITIGATIVE MEASURES AND SHALL CORRECT DAMAGE TO ADJACENT PROPERTY.

11. OUTLET SIDES OF ALL STORM PIPES SHALL BE GRADED TO DRAIN AND SHALL HAVE SUFFICIENT EROSION PROTECTION. 12. THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE SITE GEOTECHNICAL ENGINEER WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:

- GRUBBING IS STARTED.

TOWN OF ERIE GENERAL NOTES - STORM DRAIN WATERTIGHT PERFORMANCE CHARACTERISTICS.

- 2. TONGUE AND GROOVE JOINTS SHALL NOT BE ALLOWED.
- 4. BEDDING MATERIAL SHALL CONFORM TO TOWN OF ERIE STANDARDS AND SPECIFICATIONS.
- 5. ALL MANHOLES SHALL BE CONCRETE AND CONFORM TO CDOT STANDARD M-604-20.

THE MINIMUM MANHOLE DIAMETER	SHALL BE AS
PIPE DIAMETER	MANHOLE S
15" TO 18"	4' DIAMETER
21" TO 42"	5' DIAMETER
48" TO 54"	6' DIAMETER
60" AND LARGER	BOX BASE

- 7. ALL STREET INLETS SHALL BE CURB OPENING TYPE R CONFORMING TO CDOT STANDARD M-604-12, EXCEPT WHERE OTHERWISE NOTED.
- TOWN OF ERIE STANDARD DETAIL.
- 9. ALL END SECTIONS SHALL CONFORM TO CDOT STANDARD M-603-10.

- DRAINAGE CRITERIA MANUAL SPECIFICATIONS (LATEST REVISION).

SITE PLAN - SP - 001292-2021

TACKED.

ALL CONSTRUCTION ACTIVITIES THAT DISTURBS ONE OR MORE ACRES OF LAND, AS WELL AS ACTIVITIES THAT DISTURB LESS THAN ONE ACRE OF LAND. BUT IS PART OF A LARGER COMMON PLAN OF DEVELOPMENT, MUST COMPLY WITH BOTH LOCAL AND STATE REGULATIONS REGARDING STORMWATER DRAINAGE ON CONSTRUCTION SITES. OWNERS OR CONTRACTORS MUST OBTAIN A COLORADO STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) AND A GRADING AND

A. MAINTAIN A COPY OF THE STORM WATER MANAGEMENT PLAN (SWMP) ONSITE AT ALL TIMES OR PROVIDE AN UPDATED DIGITAL COPY WITHIN TWO BUSINESS DAYS UPON REQUEST. THE SWMP MUST BE MAINTAINED AND MADE AVAILABLE TO TOWN OF ERIE INSPECTORS UPON

B. INSTALL AND MAINTAIN EROSION, SEDIMENT, AND MATERIALS MANAGEMENT CONTROL MEASURE AS SPECIFIED IN THE SWMP.

C. INSPECT ALL CONTROL MEASURES AT LEAST EVERY SEVEN (7) DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN TWENTY FOUR (24) HOURS AFTER ANY PRECIPITATION OR SNOWMELT EVENT THAT CAUSES SURFACE RUNOFF.

D. MAINTAIN INSPECTION AND MAINTENANCE RECORDS OF CONTROL MEASURES WITH THE SWMP. COPIES OF THESE REPORTS SHALL BE

IF AT ANY TIME THE SPECIFIED CONTROL MEASURES DO NOT MEET THE OBJECTIVES OF THE PERMIT. ALL MODIFICATIONS SHALL BE COMPLETED AS SOON AS PRACTICABLE AFTER THE REFERENCED INSPECTION, AND SHALL BE RECORDED ON THE OWNER'S COPY OF THE

F. THE OPERATOR SHALL AMEND THE SWMP WHENEVER THERE IS A SIGNIFICANT CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS TO THE RECEIVING WATERS, OR IF THE SWMP PROVES TO BE INEFFECTIVE IN ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER

G. INSTALLATION AND MAINTENANCE OF CONTROL MEASURES SHALL BE SUPERVISED BY PERSONNEL CERTIFIED IN EROSION AND SEDIMENT

H. ALL APPROPRIATE CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF EACH CONSTRUCTION PHASE.

APPROPRIATE STABILIZED CONSTRUCTION ENTRANCES WITH VEHICLE TRACKING CONTROLS INSTALLED SHALL BE UTILIZED AT ALL TIMES TO REDUCE THE TRACKOUT OF SEDIMENT. IF NON-STRUCTURAL VEHICLE TRACKING CONTROLS ARE UTILIZED, CLEANUP OF TRACKOUT MUST

8. FILL SLOPES SHALL BE COMPACTED BY MEANS OF SHEEPSFOOT COMPACTOR OR OTHER SUITABLE EQUIPMENT, COMPACTING SHALL ONTINUE UNTIL SLOPES ARE STABLE AND THERE IS NOT AN APPRECIABLE AMOUNT OF LOOSE SOIL ON TI

9. TEMPORARY CUT/FILL SLOPES SHALL ABIDE BY THE SOILS REPORT. PERMANENT SLOPES SHALL BE AS SHOWN ON PLANS.

0. DEPTH OF MOISTURE-DENSITY CONTROL SHALL BE FULL DEPTH ON ALL EMBANKMENT AND SIX (6) INCHES ON THE BASE OF CUTS AND

A. INITIAL INSPECTION WHEN THE PERMITTEE IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO (2) DAYS BEFORE ANY GRADING OR

B. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.

C. EXCAVATION INSPECTION AFTER THE EXCAVATION IS STARTED BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN (10)

D. FILL INSPECTION AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE FILL EXCEEDS TEN (10) FEET.

EXCEPT WHERE NOTED, ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE, CLASS III AND SHALL CONFORM TO REQUIREMENTS OF ASTM C76. ALL RCP SHALL HAVE RUBBER GASKETED JOINTS AND SHALL CONFORM TO REQUIREMENTS OF ASTM C443, AND SHALL PROVIDE

3. THE MINIMUM COVERAGE FOR ALL STORM DRAINAGE PIPES SHALL BE 1.5 FEET FOR CLASS III PIPE AND 1 FOOT FOR CLASS IV PIPE.

S SPECIFIED BELOW:

8. ALL INLET ACCESS COVERS SHALL HAVE THE WORDS "NO DUMPING-DRAINS TO RIVERS" AND "STORM SEWER" CAST INTO THE COVER PER

10. WHERE RIPRAP OR GROUTED BOULDERS ARE CALLED FOR ON THE PLANS FOR EROSION CONTROL, IT SHALL CONFORM TO THE URBAN STORM

TOWN OF ERIE GENERAL NOTES - ROADWAY

ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL PREPARE THE SUBGRADE BY SCARIFYING THE UPPER ONE (1) FOOT OF THE SUBGRADE IN CUT AREAS OR AREAS WITH LITTLE OR NO FILL, UNLESS SPECIFIED IN THE SOILS REPORT. THE WORK SHALL CONFORM TO THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

PAVEMENT SHALL NOT BE CONSTRUCTED UNTIL ALL UNDERGROUND UTILITIES HAVE BEEN INSTALLED, TESTED AND ACCEPTED BY THE TOWN OF ERIE ENGINEERING STAFF.

4. It shall be the responsibility of the owner/contractor to supervise and certify that proper compaction has been OBTAINED BY SUBCONTRACTORS AND AGENCIES CONCERNING UTILITY LINE BACKFILL INCLUDING, BUT NOT LIMITED TO, SEWER, WATER, ELECTRICAL, gas and landscape irrigation lines and accepted by the town of erie engineering staff and the soils engineer.

- STREET PAVING SHALL NOT START UNTIL: a. A SOILS REPORT AND PAVEMENT DESIGN IS ACCEPTED BY THE TOWN OF ERIE ENGINEERING STAFF
- ALL STREETS ARE COMPACTED IN ACCORDANCE WITH THE SOILS REPORT AND THE TOWN OF ERIE SPECIFICATIONS. ALL COMPACTION TEST REPORTS HAVE BEEN SUBMITTED TO THE TOWN ENGINEERING STAFF PRIOR TO PROOF ROLLS.
- d. PROOF ROLLS ARE PERFORMED USING A LOADED SINGLE AXLE 2000 GALLON WATER TRUCK AND MONITORED BY THE TOWN OF ERIE ENGINEERING STAFF
- 6. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY MANHOLE COVERS AND ACCESS LIDS TO GRADE.
- 7. ALL CONCRETE SHALL BE A MINIMUM OF CLASS B, IN CONFORMANCE WITH CDOT STANDARDS.

VERTICAL STRAIGHT CUT EDGE. T PATCH MILLING MUST BE DONE PER STANDARD DETAILS.

- 8. ALL CONCRETE EDGES MUST BE ROUNDED TO A FOURTH (1/4) INCH RADIUS, EXCEPT WHERE SHOWN OTHERWISE ON DRAWINGS.
- 9. ONE HALF (1/2) INCH EXPANSION JOINTS SHALL BE INSTALLED AT ALL CURB RETURNS, CURB CUTS AND EXISTING STRUCTURES. CONTROL

JOINTS SHALL BE INSTALLED PER THE TOWNS STANDARDS AND SPECIFICATIONS. 10. BEFORE PLACING OF ASPHALT THE SUBGRADE SHALL RECEIVE A GROUND STERILANT APPLIED AT A RATE IN ACCORDANCE TO

MANUFACTURERS RECOMMENDATIONS.

11. THE GRADATION OF THE MINERAL AGGREGATE WILL BE GRADING SX (1/2" NOMINAL) FOR ALL TOP LIFTS AND OVERLAYS. 12. TACK COAT SHALL BE USED PRIOR TO OVERLAY, (CSS-1H), 50:50 DILUTION, 0.10 GAL/SY. ALL EDGES ABUTTING NEW PAVEMENT SHALL BE

13. WHEN IT IS REQUIRED TO MATCH EXISTING PAVEMENT, EXISTING PAVEMENT SHALL BE SAW CUT IN A MANNER TO AFFECT A SMOOTH,

14. ALL SAWCUT EDGES OF EXISTING PAVEMENT SHALL BE CLEAN AND COATED WITH TACK COAT PRIOR TO PLACING NEW PAVEMENT ADJACENT TO THE EXISTING PAVEMENT.

15. ALL ASPHALT SHALL BE ONE FOURTH (1/4) INCH ABOVE CONCRETE EDGES, MANHOLE COVERS AND ACCESS LIDS.

16. SIGNAGE AND STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE COLORADO DEPARTMENT OF TRANSPORTATION M&S standards, and the town of erie standard design criteria and standard construction requirements.

17. THE PURCHASE AND INSTALLATION OF STREET NAME SIGNS SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR. THE OWNER/CONTRACTOR SHALL SECURE THE APPROVAL OF THE TOWN OF ERIE ENGINEERING STAFF FOR TYPE AND LOCATION OF THE STREET NAME SIGNS PRIOR TO INSTALLATION.

18. ALL NEW ROADWAY SECTIONS SHALL HAVE SUBGRADE PREPARATION AND INITIAL ASPHALT PAVEMENT PLACED WITH A 1% CROWN. FINAL OVERLAY IS TO BE PLACED WITH A 2% CROWN. SEE DETAIL ST7 IN THE "STANDARD DETAILS-STREET" FOR MORE INFORMATION.

19. DETERMINATION OF CROWN FOR CUL DE SAC PAVING SHALL BE EVALUATED ON A CASE BY CASE BASIS.

TOWN OF ERIE GENERAL NOTES - SEWER

LINE SLOPE; 4 INCHES=2%; 6 INCHES= 1%; 8 INCHES=0.4%.

THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING SEWERS TO BE CONNECTED TO PRIOR TO CONSTRUCTION STAKING

2. CONNECTION TO EXISTING TOWN OF ERIE LINES WILL BE PERMITTED UPON INITIAL ACCEPTANCE OF THE NEW SANITARY SEWER SYSTEM. existing pipe at the point of connection shall not be "broken out" until the new system is accepted. If connecting to an EXISTING MANHOLE, THE NEW LINE SHALL BE PLUGGED UNTIL THE NEW SYSTEM IS ACCEPTED.

MINIMUM VERTICAL SEPARATIONS BETWEEN ALL UTILITY PIPES SHALL BE EIGHTEEN (18) INCHES. IF VERTICAL SEPARATIONS ARE LESS THAN EIGHTEEN (18) INCHES, THE UTILITY PIPES SHALL BE REINFORCED AND PROTECTED AS REQUIRED BY CURRENT TOWN STANDARD SPECIFICATIONS.

4. WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET. WHEN A TEN (10) FOOT SEPARATION IS NOT PROVIDED OR WHEN SEWER LINES CROSS WATER LINES WITH LESS THAN ONE AND ONE-HALF (1½) FEET OF VERTICAL SEPARATION, SEWER LINE JOINTS SHALL BE CONCRETE ENCASED. FOR PERPENDICULAR CROSSINGS, ENCASED JOINTS SHALL EXTEND TEN (10) FEET. PERPENDICULAR TO THE WATER LINE IN BOTH DIRECTIONS.

5. ALL SANITARY SEWER SERVICES AND WATER SERVICES ARE TO BE TEN (10) FEET APART.

5. SERVICE LATERALS SHALL EXTEND FIVE (5) FEET BEYOND RIGHTS OF WAY OR UTILITY EASEMENTS, WHICHEVER IS GREATER. THE ENDS SHALL BE MARKED BY A GREEN PAINTED WOOD POST UNTIL CURB AND GUTTER IS IN PLACE. WHEN CURB AND GUTTER IS IN PLACE THE LATERALS SHALL BE MARKED ON THE CONCRETE CURB FACE WITH AN "S" OR "X".

THE LENGTH OF SANITARY SEWER LINE IS THE HORIZONTAL DISTANCE BETWEEN CENTER OF MANHOLE TO CENTER OF MANHOLE. THEREFORE, THE DISTANCES INDICATED ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND MANHOLE DIMENSIONS.

8. SERVICE LINE CONNECTIONS TO DEAD END MANHOLES THAT HAVE NO FURTHER POSSIBILITY OF EXTENSION SHALL BE ALLOWED AND SHALL have a minimum drop of 0.75 X main diameter. Service line connectings to in-line manholes are not permitted. Minimum service

9. ALL FOUR (4) THROUGH FIFTEEN (15) INCH SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) AND SHALL BE IN ACCORDANCE WITH ASTM D-3034-SDR35. "STANDARD SPECIFICATION FOR PVC SEWER PIPE AND FITTINGS". ANY SANITARY SEWER HAVING A DEPTH IN EXCESS OF FIFTEEN (15) FEET SHALL BE COORDINATED WITH THE PUBLIC WORKS DEPARTMENT.

- 10. BEDDING MATERIAL SHALL CONFORM TO TOWN OF ERIE STANDARDS AND SPECIFICATIONS.
- 11. WARNING TAPE SHALL BE INSTALLED 12" MINIMUM AND 18" MAXIMUM ABOVE SEWER PIPE.

12. PRECAST CONCRETE MANHOLE SECTIONS SHALL BE IN ACCORDANCE WITH ASTM C-478. MANHOLE STEPS SHALL BE POLYPROPYLENE

COVERED STEEL CONFORMING TO ASTM. D-4101 AND ASTMA-615. CAST IRON RING AND COVER SHALL CONFORM TO ASTM A-48.

13. MANHOLES SHALL BE A MINIMUM FOUR (4) FOOT DIAMETER AND CONSTRUCTED PER THE STANDARDS AND SPECIFICATIONS.

14. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY SHAPE ALL MANHOLE INVERTS AND BENCHES IN ACCORDANCE WITH THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS, TO PROMOTE SMOOTH FLOW THROUGH THE MANHOLE. INVERTS OF LINES INTERSECTING AT 90 DEGREES AND AT HIGHLY DIVERGENT OR FLAT SLOPES ARE ESPECIALLY CRITICAL. MANHOLE INVERTS SHALL BE CONSTRUCTED WITH A SMOOTH TROWEL FINISH, AND BENCH FINISHED WITH A LIGHT BROOMED. NON-SKID. FINISH.

15. SEWER TEES AND/OR WYES SHALL BE STAKED BY A SURVEY CREW. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER "AS-CONSTRUCTED" LOCATION OF TEES AND WYES. ALL SERVICE LINES ARE FOUR (4) INCH UNLESS OTHERWISE NOTED.

- 16. THE CONTRACTOR, AT THE OWNER'S EXPENSE, WILL MAKE ALL SEWER SERVICE TAPS.
- 17. PRIOR TO BACKFILL THE TOWN OF ERIE ENGINEERING STAFF SHALL INSPECT ALL SANITARY SEWER MAINS AND SERVICE EXTENSIONS.
- 18. MANHOLE RIMS SHALL BE SET AT AN ELEVATION RELATIVE TO THE PAVEMENT, IN ACCORDANCE WITH THE TOWN OF ERIE STANDARDS.

WHETHER THE MANHOLE IS AT PAVED OR UNPAVED GRADE, A MINIMUM OF ONE (1) AND A MAXIMUM OF FOUR (4) CONCRETE RINGS SHALL BE USED TO ADJUST THE RIM ELEVATION TO FINAL GRADE. THE MAXIMUM ACCEPTABLE VERTICAL ADJUSTMENT UTILIZING CONCRETE RINGS IS EIGHTEEN (18) INCHES.

19. INITIAL ACCEPTANCE OF THE NEW SANITARY SEWER MAINS IS CONTINGENT UPON COMPLETION OF ITEMS LISTED IN THE TOWNS STANDARDS AND SPECIFICATIONS.

6162 S. Willow Drive. Suite 32 Greenwood Village, CO 80111 303.770.8884

GallowayUS.com

TOWN OF ERIE GENERAL NOTES - WATER AT ALL POINTS OF CONNECTION OF NEW WATER MAINS TO EXISTING MAINS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING

VALVES ARE OPERATED.

AND VERIFYING LOCATION OF THE EXISTING LINES PRIOR TO ANY CONSTRUCTION. EXCEPT IN CASE OF AN EMERGENCY, VALVES ON THE TOWN OF ERIE WATER SYSTEM SHALL BE OPERATED BY OR UNDER THE DIRECTION OF THE APPROPRIATE TOWN OF ERIE PERSONNEL. THE CONTRACTOR SHALL GIVE THE TOWN OF ERIE ENGINEERING STAFF 48 HOURS NOTICE TO

3. WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET. WHEN A TEN (10) FOOT separation is not provided or when sewer lines cross water lines with less than one and one-half (1½) feet of vertical SEPARATION, SEWER LINE JOINTS SHALL BE CONCRETE ENCASED. FOR PERPENDICULAR CROSSINGS, ENCASED JOINTS SHALL EXTEND TEN (10) FEET, PERPENDICULAR TO THE WATER LINE IN BOTH DIRECTIONS.

ARRANGE FOR OPERATING VALVES. BOTH THE CONTRACTOR AND THE APPROPRIATE TOWN OF ERIE PERSONNEL SHALL BE PRESENT WHEN THE

4. ALL WATER LINES SHALL HAVE A MINIMUM OF FOUR AND ONE-HALF (4½) FEET OF COVER AND BE LOCATED A MINIMUM OF TEN (10) FEET FROM THE SANITARY SEWER AND THREE (3) FEET FROM THE EDGE OF CONCRETE CURB AND GUTTER PAN.

CHANGES IN DIRECTION OF WATERLINE PIPE GREATER THAN ONE DEGREE SHALL REQUIRE FITTINGS IN ALL INSTANCES. AXIAL DEFLECTION AT THE JOINTS SHALL NOT BE IN EXCESS OF MANUFACTURER'S RECOMMENDATION OR IN NO CASE MORE THAN ONE DEGREE.

WHEN IT IS NECESSARY TO DEPRESS WATER LINES AT UTILITY CROSSINGS, A MINIMUM CLEARANCE OF ONE AND ONE-HALF (1-1/2) FEET SHALL BE MAINTAINED BETWEEN OUTSIDES OF PIPE.

DISTANCES FOR WATER LINES ARE THE HORIZONTAL DISTANCE BETWEEN THE CENTERS OF THE FITTINGS. THEREFORE, DISTANCES SHOWN ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND FITTING DIMENSIONS.

8. ALL WATER LINE VALVES SHALL BE SET ADJACENT TO THE TEE, EXCEPT FOR POINTS THAT FALL IN THE FLOW LINE OF A CONCRETE CROSS PAN. IN WHICH CASE, THE VALVE SHALL BE LOCATED SO THAT SURFACE DRAINAGE DOES NOT INFILTRATE THE VALVE BOX. VALVE BOXES SHALL BE SET AT AN ELEVATION IN ACCORDANCE WITH TOWN PAVING REQUIREMENTS.

9. ALL WATER MAINS SHALL BE POLYVINYL CHLORIDE (PVC) PRESSURE PIPE UNLESS SPECIFIED OTHERWISE. NOMINAL PVC PIPE SIZES 6-INCH THROUGH 12-INCH SHALL CONFORM TO ALL REQUIREMENTS OF AWWA STANDARD C-900, PRESSURE CLASS 150 (DR18), NOMINAL PVC PIPE SIZES 16-INCH THROUGH 24-INCH SHALL CONFORM TO ALL REQUIREMENTS OF AWWA STANDARD C-905, PRESSURE CLASS 165 (DR25). ALL PVC PIPES SHALL HAVE OUTSIDE DIAMETERS EQUIVALENT TO CAST IRON PIPE.

10. FIRE HYDRANT ASSEMBLY INCLUDES THE FIRE HYDRANT, SIX (6) INCH VALVE, AND SIX (6) INCH PIPE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS.

11. ALL FITTINGS SHALL BE MADE FROM DUCTILE IRON, FURNISHED WITH MECHANICAL JOINT ENDS OR INTEGRAL RESTRAINED JOINTS, AND SHALL HAVE A PRESSURE RATING OF 350 PSI.

12. POLYETHYLENE WRAPPING SHALL BE INSTALLED AROUND ALL DUCTILE IRON PIPES, FITTINGS, VALVES, FIRE HYDRANT BARRELS AND ROD AND CLAMPS. THE POLYETHYLENE SHALL HAVE A MINIMUM THICKNESS OF EIGHT (8) MILS, IN ACCORDANCE WITH AWWA STANDARD C-105.

13. ALL WATER LINE PIPE SHALL BE PROVIDED WITH A MINIMUM GAGE SIZE OF 12 SINGLE STRAND INSULATED COPPER WIRE. SPLICES IN TRACER WIRE SHALL BE CAPPED IN WATER PROOF GEL CAP TYPE CONNECTORS SUITED FOR DIRECT BURY APPLICATION (3M TYPE DBY-6 LOW VOLTAGE OR EQUAL). WRE SHALL BE ATTACHED TO TOP OF WATER LINE WITH 2-INCH WIDE PVC TAPE @ 5-FT INTERVALS ALONG PIPE. TRACER wre shall extend to the surface and be coiled in a locate box at the backside of either each fire hydrant or valve. Under THE SUPERVISION OF TOWN OF ERIE ENGINEERING STAFF, TEST SHALL BE MADE BY THE CONTRACTOR @ THE COMPLETION OF CONSTRUCTION TO INSURE THAT THE TRACER WIRES CARRY A CONTINUOUS CURRENT BETWEEN ALL ACCESS POINTS.

14. WARNING TAPE SHALL BE INSTALLED 12" MINIMUM AND 18" MAXIMUM ABOVE WATER PIPE.

15. BEDDING MATERIAL SHALL CONFORM TO TOWN OF ERIE STANDARDS AND SPECIFICATIONS.

16. VALVES SHALL OPEN COUNTER CLOCKWISE. VALVES 12-INCH AND SMALLER SHALL BE RESILIENT SEAT GATE VALVES. LARGER VALVES SHALL BE BUTTERFLY VALVES.

17. VALVE BOXES SHALL BE RAISED TO ONE-FOURTH (1/4) INCH BELOW GRADE AFTER COMPLETION OF SURFACE PAVING OR FINAL GRADING. VALVE BOXES IN NON-PAVED AREAS SHALL HAVE A CONCRETE COLLAR AROUND THE VALVE LID IN ACCORDANCE WITH THE DETAIL.

18. ALL SERVICE LINE TAPS SHALL HAVE DOUBLE STRAP BRASS TAPPING SADDLES. (ROMAC 202B OR APPROVED EQUAL).

19. ALL RESIDENTIAL WATER TAPS SHALL BE THREE-QUARTER (3/4) INCH OR AS REQUIRED BY THE CURRENT BUILDING CODE.

20. ALL WATER SERVICE LATERALS SHALL EXTEND FIVE (5) FEET BEYOND RIGHT OF WAY OR UTILITY EASEMENTS, WHICHEVER IS GREATER. THE ends shall be marked by a blue painted wood post until curb and gutter is in place. When curb and gutter is in place the LATERALS SHALL BE MARKED ON THE CONCRETE CURB FACE WITH A "V" OR "W".

21. CONCRETE THRUST BLOCKS AND/OR "MEGA-LUG" MECHANICAL RESTRAINTS ARE REQUIRED AT ALL MECHANICAL FITTINGS. THRUST BLOCKS MAY NOT BE REQUIRED IF PIPE RESTRAINT IS PROVIDED IN ACCORDANCE WITH RESTRAINED PIPE DETAIL

22. NO WORK SHALL BE BACKFILLED (INCLUDING BEDDING MATERIAL ABOVE THE SPRING LINE OF THE PIPE) UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE TOWN OF ERIE ENGINEERING STAFF

23. ONLY ONE CONNECTION TO THE EXISTING WATER DISTRIBUTION SYSTEM SHALL BE MADE UNTIL ALL HYDROSTATIC TESTING, CHLORINATION AND FLUSHING HAS BEEN COMPLETED.

24. DISINFECTION AND HYDROSTATIC TESTING SHALL BE DONE IN THE PRESENCE OF A TOWN OF ERIE ENGINEERING STAFF. CONTACT THE TOWN OF ERIE DEPARTMENT OF PUBLIC WORKS, FORTY-EIGHT (48) HOURS PRIOR TO DISINFECTING AND/OR TESTING.

25. DISINFECTION AND FLUSHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE COLORADO DEPARTMENT OF HEALTH AND THE PROCEDURE SET FORTH IN AWWA C651, "STANDARD FOR DISINFECTING WATER MAINS". THE CHLORINATION OF THE WATER LINE SHALL BE PERFORMED PRIOR TO THE HYDROSTATIC TESTING. ALL VALVES, FIRE HYDRANTS AND OTHER APPURTANCES SHALL BE OPERATED WHILE PIPELINE IS FILLED WITH THE CHLORINATING AGENT TO INSURE THAT HIGH CHLORINE CONTACT IS MADE WITH ALL INTERNAL SURFACES.

26. ALL WATER LINES SHALL BE HYDROSTATIC TESTED. PRESSURE AND LEAKAGE TESTS SHALL BE CONDUCTED ACCORDING TO THE APPLICABLE SECTIONS OF AWWA C600/605 TO A MINIMUM PRESSURE OF ONE HUNDRED AND FIFTY (150) POUNDS PER SQUARE (PSI) INCH AT THE LOW POINT OF THE SECTION BEING TESTED FOR THE DURATION OF TWO (2) HOURS. THE MAXIMUM LENGTH OF LINE TO BE TESTED SHALL BE ONE THOUSAND (1.000) FEET, ALL JOINTS IN CONNECTIONS ARE TO BE WATERTIGHT WITHIN TO FRANCES ALLOWED BY THE SPECIFICATIONS IN AWWA C600/605. ANY LEAKAGE THAT IS DISCOVERED BY OBSERVATION OR TESTS SHALL BE LOCATED AND MADE WATERTIGHT BY THE CONTRACTOR. PRESSURE AND LEAKAGE TESTS SHALL NOT BE CONDUCTED UNTIL THE LINE HAS PASSED ALL REQUIRED DISINFECTION TESTS.

27. INITIAL ACCEPTANCE OF THE NEW WATER LINES ARE CONTINGENT UPON RECEIVING COPIES OF:

PIPE. WATER TRENCH COMPACTION TEST RESULTS

PIPF. HYDRO STATIC TESTING OF 100% OF THE SYSTEM

PIPG. HEALTH DEPARTMENT TESTS. (CHLORINE AND/OR CLEAR WATER AS REQUIRED)

28. ALL METER PITS AND CURB STOPS SHALL BE PROTECTED AT THE TIME OF INSTALLATION WITH A MINIMUM OF THREE (3) T-POSTS AND ORANGE SAFETY FENCE. THE T-POST AND SAFETY FENCE SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL THE LANDSCAPING IS INSTALLED.

29. ALL WATER VAULTS SHALL BE WATER TIGHT. CONTRACTOR SHALL SEAL VAULTS TO ENSURE SURFACE WATER DOES NOT INFILTRATE INTO THE VAULTS. VAULT LIDS SHALL BE PLACED TO ENSURE THAT SURFACE WATER DOES NOT FLOW INTO THE VAULTS.

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET	ERIE, COLORADO
Issue / Description 2ND SITE PLAN SUBMI 3RD SITE PLAN SUBMI	TTAL	Init. ACJ ACJ
	Issue / Description 2ND SITE PLAN SUBMI 3RD SITE PLAN SUBMI 3RD SITE PLAN SUBMI	NINE MILE CORNER, AMENDMENT No. 2 INNE MILE CORNER, AMENDMENT No. 2 ARAPAHOE ROAD & 107th STREET Sup Site Level Sidenilia Sup Site Level Sidenilia

-	
Project No:	KSS000138
Drawn By:	RDG
Checked By:	ACJ
Date:	05/21/21

_ ____ ___

_ ___ __ __ __ __

GENERAL NOTES

_ ____





6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111 303.770.8884 GallowayUS.com .

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

 \sim

Р MENT AMEND REE ່. ເ PERS #138 CORNER, A 107th Š ROAD PLANS SOOPE MILE C ဟ AHOE SITE I KING NINE ARAP, ERIE, # Date Issue / Description Init. 1 9/1/21 2ND SITE PLAN SUBMITTAL ACJ 2 10/22/21 3RD SITE PLAN SUBMITTAL ACJ <u>3 11/11/21 4th SITE PLAN SUBMITTAL ACJ</u> _ ____ _ _ ____

Project No:	KSS000138
Drawn By:	RDG
Checked By:	ACJ
Date:	05/21/21
SITE PLAN	

of 24

_ ____



<u>SCHEDULE</u>

 \bigcirc

1

SITE LEGEND

90 D=D

•**•**•

_____ SETBACK BOUNDARY LINE

- _____ ADJACENT PROPERTY LINE

EXISTING EASEMENT BOUNDARY LINE

- EASEMENT BOUNDARY LINE

EXISTING CURB AND GUTTER

EXISTING SITE LIGHTING

EXISTING FIRE HYDRANT EXISTING TELEPHONE RISER EXISTING TRANSFORMER EXISTING MANHOLE

EXISTING STORM DRAIN INLET

BUILDING CONTRACTOR SCOPE LIMITS

PROPOSED SITE LIGHTING

TRAFFIC DIRECTION

ASPHALT PAVING

CONCRETE PAVING

PROPOSED INLET

PARKING COUNT

PROPOSED ADA ROUTE

PROPOSED FIRE HYDRANT

PROPOSED MANHOLE COVER

PROPOSED SPILL CURB & GUTTER

- (1) EXISTING LOWE'S HOME IMPROVEMENT STORE
- (2) EXISTING PARKING
- (3) EXISTING CURB AND GUTTER
- (4) EXISTING ASPHALT PAVING
- 5 EXISTING SITE LIGHT
- (6) EXISTING FIRE HYDRANT
- (7) EXISTING EDGE OF ASPHALT
- (8) EXISTING MANHOLE; REF. UTILITY PLAN
- (9) EXISTING STORM DRAIN INLET; REF. UTILITY PLAN
- (10) EXISTING TELEPHONE VAULT (11) EXISTING ELECTRICAL TRANSFORMER
- (12) EXISTING STOP BAR
- (13) EXISTING TRAFFIC DIRECTIONAL SYMBOL
- (14) EXISTING SIDEWALK
- (15) PROPOSED 103,000 SF GROCERY STORE
- (16) PROPOSED CONCRETE SIDEWALK (TYPICAL)
- (17) PROPOSED ADA RAMP
- (18) PROPOSED CART RETURN (FURNISHED BY KING SOOPERS)
- (19) PROPOSED 6" CONCRETE CURB AND 12" GUTTER (TYPICAL)
- (20) PROPOSED ASPHALT PAVING
- (21) PROPOSED 9.5' X 20' PARKING STALL (TYPICAL)
- (22) PROPOSED ADA PARKING STALL WITH SIGNAGE AND PAINTED ACCESS AISLE
- (SEE SITE DETAILS) (23) PROPOSED PAINTED TRAFFIC MARKINGS AND SYMBOLS (TYPICAL)
- (24) PROPOSED CONCRETE CHASE
- (25) PROPOSED LANDSCAPE AREA (SEE LANDSCAPE PLAN)
- (26) TRASH COMPACTOR; REFERENCE ARCH. PLANS
- (27) PHARMACY DRIVE THRU; REFERENCE ARCH. PLANS
- (28) TRUCK DOCK WITH 3 TYPE B LOADING; REFERENCE ARCH. PLANS
- (29) PROPOSED FIRE HYDRANT
- (30) PROPOSED SAWCUT LINE
- (31) PROPOSED R1-1 "STOP" SIGN (SEE SITE DETAILS)
- (32) PROPOSED CONCRETE BOLLARD (BY CONTRACTOR)
- (33) GROCERY PICKUP
- (34) PROPOSED SITE LIGHT
- (35) PRE-CAST BOLLARD ALONG FRONT SIDEWALK
- (36) STRIPED ISLAND
- (37) 7 SPACE BICYCLE RACK (TYPICAL 3)
- (38) 30' PD BUILDING SETBACK LINE
- (39) VEHICLE STACKING AT DRIVE-THRU WINDOW FOR PHARMACY
- (40) EXISTING STORM INLETS TO BE REMOVED; REF. STORM DRAIN PLAN & PROFILES
- (41) EXISTING FIRE HYDRANT TO BE RELOCATED; REF. UTILITY PLAN
- (42) RELOCATED FIRE HYDRANT; REF. UTILITY PLAN
- (43) PROPOSED PEDESTRIAN CROSSWALK: REF. SITE DETAILS
- (44) PROPOSED PARKING STALL WHEEL STOP: REF. SITE DETAILS
- (45) PROPOSED R5-1 "DO NOT ENTER" SIGN; REF. SITE DETAILS
- (46) FUTURE ACCESS DRIVE TO FUTURE DEVELOPMENT
- (47) PROPOSED ENHANCED CROSSWALK PAVING, REFERENCE SITE DETAILS, SHEET 4
- (48) PROPOSED ACCESS GATE AT TRASH COMPACTOR
- (49) EXISTING CURB, GUTTER AND ASPHALT PAVING TO BE REMOVED
- (50) PROPOSED TRUNCATED DOME PAD

EASEMENT SCHEDULE

- 1 EXISTING UTILITY EASEMENT (REC. 03862483)
- 2 EXISTING ACCESS EASEMENT (REC. 03862483) (3) EXISTING SOUTH BOULDER CANYON IRRIGATION EASEMENT (REC. 03774838)

12" MASONRY SCREEN WALL

 $\langle 4 \rangle$ proposed access easement per plat

5 PROPOSED UTILITY EASEMENT PER PLAT





- City Market\CO, Erie_(KSS000138) - 107th & Arapahoe Road\0CIV\2-Plan\KSS138_P_05-GRAD.dwg - Rob Gordon - 11/16/20



Greenwood Village, CO 80111 303.770.8884 GallowayUS.com

GRADING LEGEND

	PROPERTY BOUNDARY LINE
	ADJACENT PROPERTY LINE
	EXISTING EASEMENT BOUNDARY LINE
	EASEMENT BOUNDARY LINE
65	PROPOSED MAJOR CONTOUR
66	PROPOSED MINOR CONTOUR
- — — — 5265— — — —	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED CATCH CURB & GUTTER
	PROPOSED SPILL CURB & GUTTER
— — — SD—	EXISTING STORM SEWER (LESS THAN 12")
SD SD	EXISTING STORM SEWER (12" AND GREATER)
X"SD	PROPOSED STORM SEWER (12" AND GREATER
X*SD	PROPOSED STORM SEWER (LESS THAN 12")
	PROPOSED RIDGE LINE
59.50	PROPOSED SPOT ELEVATION
FF	FINISHED FLOOR
FG	FINISHED GRADE
ME	MATCH EXISTING
LP	LOW POINT
HP	HIGH POINT
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TOW	FINISHED GRADE AT TOP OF WALL
BOW	FINISHED GRADE AT BOTTOM OF WALL

NOTES

- 1. ADD 5200 TO ALL SPOT ELEVATIONS.
- ALL PROPOSED STORM PIPE 18" AND LARGER SHALL BE CLASS III REINFORCED CONCRETE PIPE ALL PROPOSED STORM PIPE LESS THAN 18" WILL BE SDR-35 PVC.
- 3. ALL GRADES SHOWN ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
- 4. ELEVATIONS AT CURB INLETS ARE TOP OF CURB, CONTRACTOR TO SET GRATE/FLOWLINE ELEVATION TO CONFORM TO THE STRUCTURES STANDARD DETAILS.
- 5. CONTRACTOR SHALL FIELD VERIFY GRADES IN THE LOCATIONS INDICATED AT THE TIME OF CONSTRUCTION. CARE SHALL BE TAKEN TO MATCH EXISTING GRADES AT PROPERTY LINE TO ENSURE A SMOOTH TRANSITION BETWEEN PROPOSED ASPHALT PAVEMENT AND ADJACENT PROPERTY.

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



SITE PLANS KING SOOPERS #138 NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date Issue / Description	Init.
Project No:	KSS000138
Drawn By:	PDC
Checked By:	ACJ



ity MarketiCO, Erie_(KSS000138) - 107th & Arapahoe RoadiOCIVi2-PlaniKSS138_P_06-ECP-INIT.dvg - Rob Gordon - 11/16/2021

EROSION CONTROL LEGEND		
— — — — 5265 — — — —	EXISTING MAJOR CONTOUR	
66	EXISTING MINOR CONTOUR	
	PROPOSED MAJOR CONTOUR	
66	PROPOSED MINOR CONTOUR	
SD	EXISTING STORM SEWER (LESS THAN 12")	
SD	PROPOSED STORM SEWER (LESS THAN 12")	
	EXISTING STORM SEWER	
	PROPOSED STORM SEWER	
\rightarrow	FLOW ARROW	
	LOD LIMITS OF DISTURBANCE	
	VTC VEHICLE TRACKING CONTROL	
	CWA CONCRETE WASHOUT AREA	
	(SSA) STABILIZED STAGING AREA	
$\begin{array}{c c} \psi & \psi & \psi \\ \end{array}$	LS FINAL LANDSCAPE AREA	
\bigcirc	(IPS) SUMP INLET PROTECTION (IP-3)	
SF	SF SILT FENCE	
	PT PORTABLE TOILET	
00	SP SITE POSTING (CONTACTS AND PERMITS)	
~~~	WP WASHOUT POSTING	
	ST SEDIMENT TRAP	

NOTE

THE PLAN SHALL NOT SUBSTANTIALLY CHANGE THE DEPTH OF COVER, OR ACCESS TO
UTILITY FACILITIES. ADDITIONALLY, THE PLAN SHALL NOT INCREASE OR DIVERT WATER
TOWARDS UTILITY FACILITIES. ANY CHANGES TO UTILITY FACILITIES TO ACCOMMODATE THE
PLAN, MUST BE DISCUSSED AND AGREED TO BY THE AFFECTED UTILITY PRIOR TO
IMPLEMENTING THE PLAN. THE RESULTING COST TO RELOCATE OR PROTECT UTILITIES, OR
PROVIDE INTERIM ACCESS IS AT THE EXPENSE OF THE PLAN APPLICANT.

EAF	RTH	WORK	SUMMAR	Y
TOTAL	ARFA	DISTURBED		332

FILL: NET (IMPORT):

<u> </u>	•			
		33	32,590	\$
		0	CY	
		0	CY	
		0	CY	



6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111 303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date 1 9/1/21 2 10/22/21 3 11/11/21	Issue / Descriptic 2ND SITE PLAN SU 3RD SITE PLAN SU 4th SITE PLAN SU	on Init. JBMITTAL ACJ JBMITTAL ACJ BMITTAL ACJ BMITTAL ACJ I I I I I I I I I I I I I
Project No: Drawn By: Checked By: Date: EROSION (CONTROL PLA	KSS000138 RDG ACJ 05/21/21



EROSION CONTROL	LEGEND
— — — <i>5265</i> — — — —	EXISTING MAJOR CONTOUR
66	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
66	PROPOSED MINOR CONTOUR
SD	EXISTING STORM SEWER (LESS THAN 12")
SD	PROPOSED STORM SEWER (LESS THAN 12")
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
\rightarrow	FLOW ARROW
	LOD LIMITS OF DISTURBANCE
	VTC VEHICLE TRACKING CONTROL
	CWA CONCRETE WASHOUT AREA
	(SSA) STABILIZED STAGING AREA
Ψ Ψ Ψ	LS FINAL LANDSCAPE AREA
\bigcirc	(IPS) SUMP INLET PROTECTION (IP-3)
SF	SF SILT FENCE
	PT PORTABLE TOILET
00	SP SITE POSTING (CONTACTS AND PERMITS)
~~~ •	WP WASHOUT POSTING
	ST SEDIMENT TRAP

THE PLAN SHALL NOT SUBSTANTIALLY CHANGE THE DEPTH OF COVER, OR ACCESS TO	
UTILITY FACILITIES. ADDITIONALLY, THE PLAN SHALL NOT INCREASE OR DIVERT WATER	
TOWARDS UTILITY FACILITIES. ANY CHANGES TO UTILITY FACILITIES TO ACCOMMODATE TH	ΙE
PLAN, MUST BE DISCUSSED AND AGREED TO BY THE AFFECTED UTILITY PRIOR TO	
IMPLEMENTING THE PLAN. THE RESULTING COST TO RELOCATE OR PROTECT UTILITIES, OF	R
PROVIDE INTERIM ACCESS IS AT THE EXPENSE OF THE PLAN APPLICANT.	

COPYRIGHT

303.770.8884 GallowayUS.com

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

ARAPAHOE ROAD & 10	ERIE, COLORADO
ITTAL ITTAL	Init. ACJ ACJ ACJ
KSS	000138 RDG ACJ 5/21/21
	ARAPAHOE ROAD & 107

(INTERIVI-FINAL)

- (5) EXISTING SANITARY SEWER LINE
- (6) EXISTING SANITARY SEWER STUB
- (7) EXISTING SANITARY SEWER MANHOLE
- (8) EXISTING STORM DRAIN PIPE
- (9) EXISTING STORM DRAIN STUB
- (10) EXISTING STORM DRAIN MANHOLE
- (11) EXISTING STORM DRAIN INLET
- (12) EXISTING STORM DRAIN INLET TO BE REMOVED
- (13) EXISTING TELEPHONE RISER AND NODE
- (14) EXISTING ELECTRICAL TRANSFORMER
- (15) EXISTING GAS LINE
- (16) EXISTING UNDERGROUND ELECTRICAL LINE
- (17) EXISTING IRRIGATION DITCH BYPASS LINE
- (18) EXISTING IRRIGATION DITCH MANHOLE
- (19) PROPOSED FIRE DEPARTMENT CONNECTION (FDC)
- (20) PROPOSED WATER LINE MAIN
- (21) PROPOSED DOMESTIC WATER SERVICE
- (22) PROPOSED FIRE LINE
- (23) PROPOSED WATER METER
- (24) PROPOSED SANITARY SEWER SERVICE
- (25) PROPOSED SANITARY SEWER CLEANOUT
- (26) PROPOSED SANITARY SEWER MANHOLE
- (27) PROPOSED SANITARY SEWER GREASE INTERCEPTOR
- (28) PROPOSED STORM DRAIN LINE (SIZE AS NOTED)
- (29) PROPOSED STORM DRAIN MANHOLE (5'ø)
- (30) PROPOSED STORM DRAIN INLET (31) PROPOSED STORM DRAIN CLEANOUT
- (32) PROPOSED ROOF DRAIN LINE
- (33) PROPOSED COMMUNICATION/FIBER OPTIC SERVICE
- (34) PROPOSED SECONDARY ELECTRIC SERVICE LINE
- (35) PROPOSED GAS SERVICE LINE
- (36) PROPOSED SITE LIGHT
- (37) PROPOSED FIRE HYDRANT AND ASSEMBLY
- (38) RELOCATED FIRE HYDRANT AND ASSEMBLY
- (39) EXTEND LOT 9 WATER SERVICE STUB PAST NEW CURB AND GUTTER
- 40 PROPOSED SANITARY SEWER MAIN
- (41) EXISTING UNDERDRAIN PIPE AROUND BUILDING
- (42) EXISTING UNDERDRAIN RISER PIPE (43) PROPOSED FIRE HYDRANT LATERAL
- (44) REMOVE EXISTING 24" STORM PIPE AND REPLACE WITH PROPOSED 30" STORM PIPE

EASEMENT SCHEDULE

- (1) EXISTING UTILITY EASEMENT (REC. 03862483)
- 2 EXISTING ACCESS EASEMENT (REC. 03862483)
- $\overline{(3)}$ EXISTING SOUTH BOULDER CANYON IRRIGATION EASEMENT (REC. 03774838)
- $\langle 4 \rangle$ proposed access easement per plat
- 5 PROPOSED UTILITY EASEMENT PER PLAT

of 24

 \sim

No

MENT

AMEND

PERS #138 CORNER, A

PLANS SOOPI MILE C

SITE I KING NINE

_ ____ _

_ ____

_ ____

Project No: Drawn By:

Checked By:

UTILITY PLAN

Date:

Date Issue / Description

1 9/1/21 2ND SITE PLAN SUBMITTAL ACJ

2 10/22/21 3RD SITE PLAN SUBMITTAL ACJ

<u>3 11/11/21 4th SITE PLAN SUBMITTAL ACJ</u>

ဟ

REE

'ഗ

107th

Š

ROAD

COLOF

ARAP, Erie,

Init.

KSS000138

RDG

ACJ

05/21/21

	NINE MILE CORNER. AMENDMENT	No. 2 - LOT 10A
	A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP	NORTH, RANGE 69 WEST AND THE
	SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WI	ST OF THE 6TH PRINCIPLE MERIDIAN
	SITE PLAN - SP - 001292-20)21
		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	\mathbf{p} .o \mathbf{f} .o
to.0 to.0 to.0 PD, to.0 to.0 to.0 to.0 to.0 to.0 to.0 to.0		0.0 0.0
$-\underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,0} \underbrace{0,0}_{0,1} \underbrace{0,1}_{0,1} \underbrace{0,1} $	$\begin{array}{c} t_{0,1} \\ t_{0,1} \\$	0.0 [†] 0.
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
to.o	to.3 to.2 to.2 to.2 to.2 to.2 to.2 to.2 to.2	
to.0 to.0 to.0 to.1 to.1 to.1 to.2 to.9	• 0.4 • 0.3 • 0.3 • 0.3 • 0.2 • 0.3 • 0.2 <td< td=""><td>$3 \begin{array}{c} \underline{0.3} \underline{0.2} \underline{0.2} \underline{0.5} \underline{0.8} \underline{0.9} \underline{0.4} \underline{0.0} \underline$</td></td<>	$3 \begin{array}{c} \underline{0.3} \underline{0.2} \underline{0.2} \underline{0.5} \underline{0.8} \underline{0.9} \underline{0.4} \underline{0.0} \underline$
	$t_{1,1}$ $t_{1,2}$ $t_{2,3}$ t_{2	
0.0 0.0 0.0 0.0 0.1 0.1 0.2 0.2 0.5 -2.1 1.8 1.6 1.5 1.4 1.3 1.2 1.3 1.2 1.1 1.1 1.1 0.1 0.2 0.4 0.7 2.5 2.3 2.2 2.1 2.1 2.0 1.9 1.9 1.9 1.9 1.8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$3.3 \\ 1 + 10.3 + 11.2 + 5.7 \\ 1 + 10.3 + 11.2 + 5.7 \\ 1 + 2.4 + 1.4 \\ 0.4 \\ 0.1 + 0.0 \\ $
0.0 0.0 0.1 0.1 0.2 0.3 0.4 0.8 1.4 0.8 1.4 0.8 1.4	⁴ .7 ⁴ .1 ³ .4 ³ .1 ³ .0 ¹ .9 ¹ .9 ¹ .0 ¹ .8 ¹ .5 ¹ LWB2 LWB2 NN14 LWB2	LWBZ INIVIA 5.1 3.2 1.4 $0.30.30.4$ 0.0 0.0
		$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6.2 5.3 4.5 5.0 5.2 5.2 5.2 5.0 2.7 2.4 2.1	3.6 2.2 $1.20.62.4$ 1.7 $1.40.60.60.2$ 0.0 $0.00.0$
0.0 0.0 0.1 0.1 0.1 0.1 0.2 0.4 0.7 1.9 1.9 1.6 1.3 1.8 1.5 1.7 1.5 1.3 1.3 1.5 1.4 1.5 1.4 1.5 1.4 1.5	⁺ 4.8 ⁺ 4.3 ⁺ 3.9 ⁺ 3.9 ⁺ 4.1 ⁺ 4.4 202 ⁺ 3.5 ⁺ 2.7 ⁺ 2.0	WR1 5.1 ⁺ 2.5 ⁺ 1.1 ^{0.4} 0.1 ⁺0.1 ⁺0.1 ⁺ 0.0
$- \overset{+}{0.0} \overset{+}{0.0} \overset{+}{0.0} \overset{+}{0.1} \overset{+}{0.1} \overset{+}{0.1} \overset{+}{0.2} \overset{+}{0.2} \overset{+}{0.2} \overset{+}{0.3} \overset{+}{1} \overset{+}{0.6} \overset{+}{2.0} \overset{+}{2.6} \overset{+}{2.8} \overset{+}{3.2} \overset{+}{3.4} \overset{+}{3.6} \overset{+}{3.8} \overset{+}{4.2} \overset{+}{4.7} \overset{+}{1} \overset{+}{4.8} \overset{+}{4.5} \overset{+}{4.5} \overset{+}{4.2} \overset{+}{4.7} \overset{+}{1} \overset{+}{4.8} \overset{+}{4.5} \overset{+}{4.2} \overset{+}{4.7} \overset{+}{4.8} \overset{+}{4.5} $	+3.9 $+3.8$ $+3.8$ $+2.2$	
	$\frac{1}{1} - \frac{1}{2} + \frac{1}$	$\begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix}, \begin{array}{c} 1.5 \\ 1.5 \\ \frac{1}{2} \end{bmatrix}, \begin{array}{c} 0.5 \\ 0.5 \\ \frac{1}{2} \end{bmatrix}, \begin{array}{c} 0.2 \\ 0.5 \\ 0.5 \\ \frac{1}{2} \end{bmatrix}, \begin{array}{c} 0.2 \\ 0.5 \\ $
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	W/R1 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7
0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.2 10.2 10.2 10.3 10.2 10.3 10.2 10.3 10.2 10.3 10.2 10.3 10.2 10.3 10.2 10.3 1	⁺ 2.7 ⁺ 2.6 ⁺ 2.8 ⁺ 3.1 ⁺ 3.5 ⁺ 3.9 ⁺ 3.8 ⁺ 3.2 ⁺	$\begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 &$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	+2.5 +2.5 +2.5 +2.8 +3.0 +3.0 +2.6 • <t< td=""><td></td></t<>	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	+2.6 +2.6 +2.6 +2.8 +2.8 +2.9 +2.7 +2.4 +1 +0.0 +0.0 +2.0 +2.0 +2.0 +2.0 +2.0 +2.0 +2.0 +0.0 +0.0 +2.0 +2.0 +2.0 +2.0 +2.0 +2.0 +2.0	WR1 + 0 + 12 + 12 + 1 + 0 + 1 + 0 + 1 + 0 + 0 + 1 + 0 + 0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	⁺ 249 2.9 2.9 2.9 5.0 5.0 2.0 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 0.4 \\ 1.4 \\$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 ⁴ 16 ⁴ .4 ⁴ .0 ⁴ .1 ⁴ .7 ⁵ .3 ⁵ .2 ⁴ .2 ⁴ .2 ⁴ .2 ⁴ .2	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{1}{53} \frac{5.0}{5.0} \frac{4.5}{5.7} \frac{6.3}{6.7} \frac{6.2}{5.2} \frac{5.2}{5.2} \frac{6.2}{5.2} \frac{1}{5.2} 1$	▶ [†] 2.9 [†] 3.2 [†] 2.6 [†] 1.6 [†] 2.0 ^{0.4} [†] 0.1 [†] 0.0 [†] 0.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 5 1 \\ 4.9 \\ 4.5 \\ 3 \\ 4.8 \\ 5.9 \\ 6.7 \\ 5.8 \\ 5.4 $	$\begin{bmatrix} 3.3 & 2.6 & 2.1 & 1.9 & 2.3 \\ & (1) & 80 & -4W \\ \hline 3.3 & 1 & 1.7 & 2.0 & 2.4 \\ \hline 5.3 & 1 & 1.7 & 2.0 & 2.4 \\ \hline 5.1 & 50.0 & 50.0 \\ \hline 5.1 & 50.0 & 50.0$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$^{+}3,3$ $^{+}3.3$ $^{+}3.6$ $^{+}4.0$ $^{+}4.5$ $^{+}4.5$ $^{+}4.7$ $^{+}2.7$ $^{+}1.9$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
to.0 to.1 to.2 to.5 to.9 to.4 to.7 to.6 to.7 to.7 to.6 to.7	$\frac{1}{2}$ 6 $\frac{1}{2}$ 7 $\frac{1}{2}$ 9 $\frac{1}{3}$ 1 $\frac{1}{3}$ 3 $\frac{1}{3}$ 1 $\frac{1}{2}$ 7 $\frac{1}{2}$ 2 $\frac{1}{2}$ 1.7	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} + & +2.5 \\ \hline 2.2 \\ \hline \end{array} \\ \hline 72.4 \\ \hline 72.5 \\ \hline 72.6 \\ \hline 72.3 \\ \hline 72.6 \\ \hline 72.5 \\ \hline 72.6 $	LWB1 $\frac{1}{2}$ $\frac{1}{2}$.0 $\frac{1}{7}$ $\frac{1}{7}$.9 $\frac{1}{2}$.2 $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$.0 $\frac{1}{7}$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
to.0 to.1 to.1 to.2 to.3 to.5 to.7 to.7 to.8 to.3 to.3 to.5 to.7 to.7 to.8 to.3	$\frac{1.7}{2.4}$ $\frac{1.7}{2.2}$ $\frac{1.7}{2.4}$ $\frac{1.7}{2.9}$ $\frac{1.7}{3.5}$ $\frac{1.7}{3.8}$ $\frac{1.7}{3.5}$ $\frac{1.7}{5.6}$	→ ↓ W/□1 ⁺ 3.8 ⁺ 1.9 ⁺ 2.2 ⁺ 2.4 ⁺ 2.7
0.0 0.0 0.1 0.1 0.1 0.2 0.4 0.6 0.9 1.6 3.3 3.2 3.2 3.0 2.9 1.8 3.2 3.2 3.0 $1.80 - 5W$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.9 1.7 1.6 1.7 1.9 2.3 2.4 2.2 1.7 1.4 1.7 1.6 1.5 1.8 1.3 1.1 1.1 1.2 1.0 1.4 1.8 1.3 1.1 1	$\frac{3}{0}$
•.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 •.0 <td>PRIVATE DRIVE 1.4 1.3 1.3 1.4 1.5 1.4 1.2 1.1 1.0 0.8 0.7 0.8 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.6 0.6 0.4 0.5 0.6 0.4 0.6 0.6 0.4 0.6 <td< td=""><td>.4 [†]0.3 [†]0.3 [†]0.3 [†]0.4 [†]0.5 [†]0.3 <u>†</u>0.0 [†]0.0 [†]0.0 [†]0.0</td></td<></td>	PRIVATE DRIVE 1.4 1.3 1.3 1.4 1.5 1.4 1.2 1.1 1.0 0.8 0.7 0.8 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.6 0.6 0.4 0.5 0.6 0.4 0.6 0.6 0.4 0.6 <td< td=""><td>.4 [†]0.3 [†]0.3 [†]0.3 [†]0.4 [†]0.5 [†]0.3 <u>†</u>0.0 [†]0.0 [†]0.0 [†]0.0</td></td<>	.4 [†] 0.3 [†] 0.3 [†] 0.3 [†] 0.4 [†] 0.5 [†] 0.3 <u>†</u> 0.0 [†] 0.0 [†] 0.0 [†] 0.0
to.o	<u>1.0 1.0 0.3 0.3 1.0 1.0 1.0 0.3 0.0 0.7 0.0 0.4 0.4 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.1 0</u>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
[†] 0.0 [†] 0.0 [†] 0.0 [†] 0.0 [†] 0.1 [†] 0.1 [†] 0.3 [†] 0.8 [†] 0.9 [†] 0.8 [†] 0.7 [†] 0.8 [†] 0.8 [†] 0.7 [†] 0.8 [†] 0.7<	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.2 0.5 0.5 0.6 0.6 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
	TRACT A	

											٦							
LUMINAIRE	SCF	HEDULE										CALCULATION SUMMARY						
SYMBOL	QTY	LABEL	MOUNTING HEIGHT	MOUNTING	ARRANGEMENT	COLOR	LLF	LUMENS	WATTS	DESCRIPTION		LABEL	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
	7	(1)135-4W	31'-6" AFG	POLE	SINGLE	DARK BRONZE	1.0	14931	135	VP-L-64L-135-4K7-4W-VOLT-A-DBS		BACK OF BUILDING	Fc	2.53	8.9	1.0	2.53 to 1	8.90 to 1
EX	4	(1)80-4W	24'-6" AFG	POLE	SINGLE	DARK BRONZE	1.0	5722	80	VP-S-36L-80-4K7-4W-VOLT-A-DBS-BC		FRONT PARKING	Fc	3.41	6.8	0.7	4.87 to 1	9.71 to 1
	8	(2)180-5W	31'-6" AFG	POLE	BACK TO-BACK	DARK BRONZE	1.0	21686	180	VP-L-80L-180-4K7-5W-VOLT-A-DBS		NORTH DRIVE AND PARKING	Fc	1.11	1.9	0.3	3.70 to 1	6.33 to 1
>	2	(3)180-5W	31'-6" AFG	POLE	3 @ 120 DEGREES	DARK BRONZE	1.0	21686	180	VP-L-80L-180-4K7-5WVOLT-A-DBS		NORTH ENTRY AND PHARMACY	Fc	4.60	11.2	1.3	3.54 to 1	8.62 to 1
	13	LWB1	15'-0" AFG	WALL	SINGLE	BRONZE	1.0	7599	59	GWC-SA1C-740-VOLT-T4FT-BZ		KING SOOPERS / LOWE'S ACCESS	Fc	0.53	0.8	0.3	1.77 to 1	2.67 to 1
	4	LWB2	15'-0" AFG	WALL	SINGLE	BRONZE	1.0	11998	86	GWC-SA2B-740-U-T4FT-BZ		SOUTH PARKING	Fc	2.34	3.3	1.3	1.80 to 1	2.54 to 1
	4	NN14	9'-0" AFG	WALL	SINGLE	BRONZE	1.0	1708	67.5	AXCS1A-GRF		STORE ENTRANCE DRIVE	Fc	3.45	6.8	1.5	2.30 to 1	4.53 to 1
-0	4	DECO	11'-6" AFG	WALL	SINGLE	BRONZE	1.0	2798	111	SLD-24L-27-4K7-2-UNV-FTS-DB			•			II.	L	
NOTES:											_							

1.) PROJECT MANAGER TO VERIFY VOLTAGE FOR EACH FIXTURE BEFORE ORDERING ANY EQUIPMENT. 2.) EACH SITE FIXTURE TO BE MOUNTED ON POLE WITH A $2^{\circ}-6^{\circ}$ CONCRETE BASE.

of 24

띺| -

31'-6" TOTAL ASSEMBLY H 29'-0" POLE HEIGHT

MBLY HE HEIGHT

POLE

" TOTAL 22'-0"

COOPER

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A

A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE

Gallo 6162 S. Willow Drive, Suite	way
Greenwood Village, CO 80 [,] 303.770.8884 GallowayUS.com	111
COPYRIGHT THESE PLANS ARE AN INSTRU AND ARE THE PROPERTY OF O NOT BE DUPLICATED, DISCLOS WITHOUT THE WRITTEN CONS COPYRIGHTS AND INFRINGEN	IMENT OF SERVICE GALLOWAY, AND MAY SED, OR REPRODUCEL SENT OF GALLOWAY. IENTS WILL BE
Secp	
King Soopers Supermarket	/ Petroleum
65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262	
2	
NT No.	
ENDME	REET
138 IR, AME	07th STF
ERS #	DAD & 1 ADO
PLANS SOOP MILE (AHOE R(COLOR/
SITE KING NINE	ARAP/ ERIE, .
# Date Issue / Desci 1 9/1/21 2ND SITE PLA	iption Init. N_SUBMITTALACJ
2 10/22/21 3RD SITE PLA 3 11/11/21 4th SITE PLAN	N SUBMITTAL ACJ
Project No: Drawn By:	KSS000138 RDG

Galloway
6162 S. Willow Drive, Suite 320
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

E	COMMON NAME	(MINIMUM)	SIZE	(VL,L,M,H)
BA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	2" CAL. B&B	40'X30'	М
ACANTHOS INERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2" CAL. B&B	50'X35'	L
JS DIOICUS	KENTUCKY COFFEETREE	2" CAL. B&B	60'X50'	L
RON AMURENSE	AMUR CORKTREE	2" CAL. B&B	45'X60'	L
EHLENBERGII	CHINKAPIN OAK	2" CAL. B&B	40'X40'	М
A 'GREENSPIRE'	GREENSPIRE LINDEN	2" CAL. B&B	40'X30'	М

A 'FLAME'	FLAME GINNALA MAPLE	1.5" CAL. B&B	20'X20'	L/M
CRUS-GALLI 'INERMIS'	THORNLESS COCKSPUR HAWTHORN	1.5" CAL. B&B	50'X20'	L

NOCARPA 'IROQUOIS BEAUTY'	BLACK CHOKEBERRY	#5 CONT. 18-24"	3X3	VL
S X CLANDONENSIS	BLUE MIST SPIREA	#5 CONT. 18-24"	3'X3'	VL
RICANA	WAXFLOWER	#5 CONT. 18-24"	5'X4'	VL
TRIPLICIFOLIA	RUSSIAN SAGE	#5 CONT. 18-24"	4'X4'	VL
SEYI 'PAWNEE BUTTES'	PAWNEE BUTTES SAND CHERRY	#5 CONT. 18-24"	18"X6'	VL
АТА	THREE LEAF SUMAC	#5 CONT. 18-24"	4'X4'	VL
'ULA 'MISS KIM'	MISS KIM LILAC	#5 CONT. 18-24"	5'X5'	VL

R HORIZONTALIS PERPUSILLUS	GROUND COTONEASTER	#5 CONT. 18-24"	1'X3'	М
HINENSIS 'ARMSTRONGII'	ARMSTRONG JUNIPER	#5 CONT. 18-24"	4'X4'	VL
ABINA 'BUFFALO'	BUFFALO JUNIPER	#5 CONT. 18-24"	12"X6'	VL
RGINIANA 'BLUE ARROW'	BLUE ARROW JUNIPER	#5 CONT. 3' HEIGHT	15'X2'	VL
SLOWMOUND'	SLOWMOUND MUGO PINE	#5 CONT. 18-24"	3'X4'	L

SINENSUS 'GRACILLIMUS'	MAIDEN GRASS	#1 CONT.	5'X4'	L
IM SCOPARIUM	LITTLE BLUESTEM	#1 CONT.	3'X2'	VL
GATUM 'SHENANDOAH'	RED SWITCH GRASS	#1 CONT.	4'X3'	L

MULCH	2"-4" ROCK COBBLE MULCH WITH WOOD MULCH RING AROUND ALL PLANT MATERIAL, SEE PLANTING NOTES & DETAILS	MULCH	N/A	
	DARK BROWN SHREDDED HARDWOOD MULCH	MULCH	N/A	

LANDSCAPE CALCULATIONS NOTE: THESE CALCULATIONS DO NOT INCLUDE LANDSCAPE

ULATION	REQUIRED	PROVIDED
IDED IN MASTER DEVELOPMENT	INCLUDED IN MASTER DEVELOPMENT	INCLUDED IN MASTER DEVELOPMENT
9 SF LANDSCAPE AREA	18 TREES	19 TREES*
9 SF LANDSCAPE AREA	115 SHRUBS	115 SHRUBS
ARKING SPACES PROVIDED	27 TREES	27 TREES
ARKING SPACES PROVIDED	404 SHRUBS	404 SHRUBS

NOTE: LANDSCAPING QUANTITY FOR LOT 10 IS FOR INFORMATION PURPOSES ONLY. THERE IS NO LANDSCAPING REQUIRMENT FOR LOT 10 ITSELF AS THE 15% LANDSCAPE PERCENTAGE REQUIREMENT FOR THE OVERALL ERIE NINE MILE DEVELOPMENT IS SATISFIED BY CALCULATING LANDSCAPE WITHIN OVER ALL PD BOUNDARIES, PURSANT TO THE APPROVED PD.

1. IF TRANSFORMERS, GROUND MOUNTED HVAC EQUIPMENT, UTIITY PEDESTALS, ETC. ARE NOT SHOWN ON THE SITE IMPROVEMENT PLAN, ADDITIONAL LANDSCAPING/SCREENING MAY BE REQUIRED BASED UPON FIELD CONDITIONS DISCOVERED VIA THE SITE INSPECTION BY STAFF, MADE PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, OR FINAL INSPECTION AS

2. LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A NEAT, CLEAN, M AND HEALTHY CONDITION BY THE OWNER. THIS SHALL INCLUDE PROPER PRUNING, MOWING, AND AERATION OF LAWNS, REPLACEMENT OF MULCH, WEEDING, REMOVAL OF LITTER AND THE REGULAR WATERING OF ALL PLANTINGS. IRRIGATION SHALL BE MAINTAINED TO MAXIMIZE WATER CONSUMPUTION. SHOULD ANY PLANT MATERIAL DIE, THE OWNER, SUCCESSOR, OR ASSIGNS SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF PLANT(S) WITHIN ONE PLANTING SEASON. REPLACEMENT OF PLANT

PLANT REPLACEMENT WITHIN

'EAR	2+ YEARS
aliper by 1"	Increase calipar by 1.5"
eight by 1.5"	Increase height by 2"
h plants of at mature size	Replace with plants of at least 1/2 mature size

COPYRIGHT

PLANTING SIZE MATURE WATER USE

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers

Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET	ERIE, COLORADO
# Date	Issue / Description		Init.
Project No:		KSSC	00138
Drawn By:			KES
Date:		05	5/21/21

OVERALL LANDSCAPE PLAN

303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138 NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip 	otion Init.
# Date Issue / Descrip 	otion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	btion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	otion Init.
# Date Issue / Descrip	Detion Init.
# Date Issue / Descrip	Detion Init.

17

of 24

- 1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138 NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date Issue / Descriptio	n Init.
Project No:	KSS000138
Project No:	KSS000138 KES

IJ

of 24

- 1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138 NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date Issue / Descript 	ion Init.
Project No: Drawn By:	KSS000138 KES
Project No: Drawn By: Checked By:	KSS000138 KES SRA

of 24

- 1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

Greenwood Village, CO 80111 303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138 VINE MILE CORNER, AMENDMENT No.	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
··· · · · ·	
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.
# Date Issue / Descripti	on Init.

IU

of 24

- 1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

SHRUB AND PERENNIAL DETAIL

SCALE: NOT TO SCALE

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A

A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

CROSS-RIPPING. GROUND COVER & PERENNIAL BED AREAS SHALL BE AMENDED AT A RATE OF 8 CUBIC FEET PER THOUSAND SQUARE FEET OF NITROGEN STABILIZED ORGANIC AMENDMENT AND 10 LBS. OF 12-12-12 FERTILIZER PER CU. YD., ROTOTILLED TO A DEPTH OF 8". NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED FOR ORGANIC AMENDMENTS.

17. ALL DECIDUOUS TREES SHALL HAVE FULL, WELL-SHAPED HEADS/ALL EVERGREENS SHALL BE UNSHEARED AND FULL TO THE GROUND; UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED

18. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTABLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT SHALL BE THE SOLE JUDGE AS TO THE ACCEPTABILITY OF PLANT MATERIAL.

19. ALL TREES SHALL BE GUYED AND WOOD STAKED AS PER DETAILS. NO 'T-STAKES' SHALL BE USED FOR TREES. 20. ALL PLANT MATERIALS SHALL BE TRUE TO TYPE, SIZE, SPECIES, QUALITY, AND FREE OF INJURY, BROKEN ROOT BALLS, PESTS, AND DISEASES, AS WELL AS CONFORM TO THE MINIMUM REQUIREMENTS DESCRIBED IN THE "AMERICAN STANDARD FOR NURSERY STOCK". FOLLOW GREENCO TREE PLANTING RECOMMENDATIONS FOR MINIMUM QUALITY REQUIREMENTS FOR

21. ALL TREE AND SHRUB BED LOCATIONS ARE TO BE STAKED OUT ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR

22. ALL TREES PLANTED ADJACENT TO PUBLIC AND/OR PEDESTRIAN WALKWAYS SHALL BE PRUNED CLEAR OF ALL BRANCHES BETWEEN GROUND AND A HEIGHT OF EIGHT (8) FEET FOR THAT PORTION OF THE PLAN LOCATED OVER THE SIDEWALK AND/OR

23. ALL PLANT MATERIAL SHALL NOT BE PLANTED PRIOR TO INSTALLATION OF TOPSOIL.

24. ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGER. STEEL EDGER IS NOT REQUIRED ALONG CURBS, WALKS OR BUILDING FOUNDATIONS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES. AND SHALL BE FASTENED WITH A MINIMUM OF 4 PINS PER EACH 10 FOOT SECTION. THE TOP OF ALL EDGING MATERIAL SHALL BE A ROLLED TOP AND 1/2 INCH ABOVE THE FINISHED GRADE OF ADJACENT LAWN OR MULCH AREAS. COLOR: BLACK.

25. THE DEVELOPER, HIS SUCCESSOR, OR ASSIGNEE SHALL BE RESPONSIBLE FOR ESTABLISHING AND CONTINUING A REGULAR PROGRAM OF MAINTENANCE FOR ALL LANDSCAPED AREAS. SEE LANDSCAPE GUARANTEE AND MAINTENANCE NOTE

26. A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF ALL FIRE HYDRANTS.

27. LANDSCAPE CONTRACTOR TO SUBMIT SAMPLES OF MISCELLANEOUS LANDSCAPING MATERIALS TO THE LANDSCAPE ARCHITECTS AND OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION, IE.; MULCH, EDGER, LANDSCAPE

28. AFTER ALL PLANTING IS COMPLETE, THE CONTRACTOR SHALL INSTALL A MINIMUM 4" THICK LAYER OF MULCH AS SPECIFIED IN THE PLANTING LEGEND. INSTALL A 4" THICK RING OF DOUBLE SHREDDED CEDAR BARK MULCH AROUND ALL PLANT MATERIAL IN ROCK MULCH BEDS WHERE LANDSCAPING IS SHOWN ON THE PLANS. WOOD MULCH RING SIZE SHALL BE THE CONTAINER SIZE OF THE SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES. TREE RING SIZE SHALL BE GREEN INDUSTRIES OF

29. ALL MULCH SHALL BE HARVESTED IN A SUSTAINABLE MANNER FROM A LOCAL SOURCE.

30 INSTALL DEWITT PRO-5 WEED BARRIER FABRIC UNDER ALL ROCK MULCH SHRUB BEDS SPECIFIED ON THE PLANS ONLY NO LANDSCAPE FABRIC SHALL BE USED IN WOOD MULCH AREAS. NO PLASTIC WEED BARRIERS SHALL BE SPECIFIED. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN

32. ALL PLANTING AREAS WITH LESS THAN A 4:1 GRADIENT SHALL RECEIVE A LAYER OF MULCH, TYPE AND DEPTH PER PLANS. SUBMIT 1 CUBIC FOOT SAMPLE OF MULCH (ONE SAMPLE PER TYPE) TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE MULCH SHALL BE SPREAD EVENLY THROUGHOUT ALL PLANTING AREAS EXCEPT SLOPES 4:1 OR STEEPER, OR AS OTHERWISE DENOTED ON THE PLAN. ABSOLUTELY NO EXPOSED GROUND SHALL REMAIN IN AREAS TO RECEIVE MULCH

33. ALL PLANTING AREAS ON SLOPES OVER 4:1 SHALL RECEIVE COCONUT FIBER EROSION CONTROL NETTING FROM ROLLS. NETTING SHALL BE #CT-125, AS MANUFACTURED BY NORTH AMERICAN GREEN (OR EQUAL). INSTALL AND STAKE PER MANUFACTURER'S SPECIFICATIONS. SEE ALSO THE CIVIL ENGINEER'S EROSION CONTROL PLAN

IRRIGATION CONCEPT

- 1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A QUALIFIED IRRIGATION CONTRACTOR.
- SOURCE IF APPLICABLE 3. ALL NON-TURF/SEED PLANTED AREAS WILL BE DRIP IRRIGATED. TURF SOD/SEED SHALL RECEIVE POP-UP SPRAY IRRIGATION FOR HEAD TO
- HEAD COVERAGE
- 4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
- 5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND SMART MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.

LANDSCAPE GUARANTEE AND MAINTENANCE

- 1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD, SEEDED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S ACCEPTANCE. THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE, ANY PLANTS WHICH DIE IN THAT TIME. OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
- 2. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A NEAT, CLEAN, AND HEALTHY CONDITION FOR A PERIOD OF 90 DAYS THIS SHALL INCLUDE PROPER PRUNING, MOWING AND AERATION OF LAWNS, WEEDING, REPLACEMENT OF MULCH, REMOVAL OF LITTER, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. IRRIGATION SHALL BE MAINTAINED IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON AND TO MAXIMIZE WATER CONSERVATION. IF SITE OPENS DURING WINTER, TO AVOID FREEZE DAMAGE ON PLANTINGS, THE 90 DAYS SHOULD BEGIN AFTER ACCEPTANCE OF THE WORK.
- 3. DURING THE LANDSCAPE MAINTENANCE PERIOD, THE LANDSCAPE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES IN ALL LANDSCAPE AREAS AT THE MINIMUM SLOPE SPECIFIED IN THE GEOTECHNICAL REPORT. LANDSCAPE AREAS WHICH SETTLE AND CREATE THE POTENTIAL FOR PONDING SHALL BE REPAIRED TO ELIMINATE PONDING POTENTIAL AND BLEND IN WITH THE SURROUNDING GRADES. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GEOTECHNICAL REPORT, THE GRADING PLANS, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND OWNER

UTILITY NOTES

- 1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

- TREE CANOPY. NYLON TREE STRAPS AT ENDS OF WIRES -
- SECURE TO STAKE OR DEADMEN WITH NAILS. 12 GAUGE GALVANIZED WIRE. SECURE TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.
- (4) 24" X 3/4" P.V.C. MARKERS OVER WIRES. PRESSURE-TREATED WOOD STAKE, 2" DIA.
- EXTEND STAKES 12" MIN. INTO UNDÍSTURBED (6) PRESSURE-TREATED WOOD DEADMEN, TWO
- PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.) TRUNK FLARE.
- WOOD MULCH TREE RING 3' DIA MIN. TYPE AND DEPTH PER PLANS. DO NOT PLACE MULCH WITHIN 3" OF TRUNK.
- FINISH GRADE. SEE PLANTING PLAN FOR GROUND COVER TREATMENT
- (10) ROOT BALL-SEE NOTE 3, THIS DETAIL BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
- UNDISTURBED NATIVE SOIL SOFT VELCRO, OR OTHER FABRIC WRAP
- (14) CENTRAL LEADER, SEE PLANTING NOTES

- SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT COVERS THE ROOT FLARE. THE PLANTING HOLE DEPTH SHALL BE SUCH THAT THE
- ROOTBALL RESTS ON UNDISTURBED SOIL, AND THE ROOT FLARE IS 3"-5" ABOVE FINISH GRADE. CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING FREE IN HOLE. CUT OFF AND REMOVE REMAINDER OF BASKET AFTER TREE IS SET IN HOLE REMOVE ALL NYLON TIES, TWINE, ROPE, AND OTHER PACKING
- MATERIAL. REMOVE ALL BURLAP FROM AROUND ROOTBALL TREE WRAP IS NOT TO BE USED ON ANY NEW PLANTINGS, EXCEPT IN LATE FALL PLANTING SITUATIONS, AND ONLY THEN AFTER CONSULTATION WITH THE LANDSCAPE ARCHITECT. WHEN WRAPPING TREE, WRAP FROM TRUNK FLARE TO LOWEST MAJOR
- REMOVE ALL NURSERY STAKES AFTER PLANTING FOR TREES OVER 3" CALIPER, USE THREE STAKES OR DEADMEN (AS APPROPRIATE), SPACED EVENLY AROUND
- DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.

2. THE IRRIGATION SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE WATER

Greenwood Village, CO 80111 303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

SITE PLANS KING SOOPERS #138 NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date Issue / Descr	iption Init.
# Date Issue / Descr 	iption Init.
# Date Issue / Descr 	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	iption Init.
# Date Issue / Descr	ription Init.

2. CONTRACTOR SHALL INSTALL MAINLINES ±12" FROM PAVEMENT EDGE IN PLANTING AREAS. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS AS INDICATED ON THESE PLANS.

3. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE AND VISIBLE IRRIGATION EQUIPMENT (CONTROLLERS, BACKFLOW PREVENTERS, METER PITS, ETC.) WITH THE OWNER'S AUTHORIZED REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. THE INSTALLATION OF THESE ITEMS SHALL BE INTEGRATED WITHIN DESIGNATED LANDSCAPE AREAS. FAILURE TO LOCATE THIS EQUIPMENT IN AN APPROVED LOCATION MAY RESULT IN THE IRRIGATION CONTRACTOR BEING REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.

4. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE DRAWINGS. THE IRRIGATION CONTRACTOR SHALL FIELD VERIFY THE STATIC & OPERATING WATER PRESSURE PRIOR TO CONSTRUCTION OF ANY COMPONENT OF THE IRRIGATION SYSTEM. AFTER FIELD VERIFICATION, THE IRRIGATION CONTRACTOR SHALL NOTIFY THE OWNER, OWNER'S REPRESENTATIVE, LANDSCAPE ARCHITECT, & IRRIGATION DESIGNER OF THE PRESSURE READING FOR THE TAP.

5. ALL PRESSURIZED MAINLINES, VALVES, DRIP, AND ROTOR AND SPRAY HEADS SHALL BE INSTALLED A MINIMUM OF 5' AWAY FROM ANY BUILDING FOUNDATION. ADDITIONAL REQUIREMENTS MAY BE LISTED IN THE GEOTECHNICAL REPORT REGARDING IRRIGATION NEAR BUILDING FOUNDATIONS. CONTRACTOR IS RESPONSIBLE TO ABIDE BY THE 5' MINIMUM DISTANCE AND/OR THE GEOTECHNICAL REPORT REQUIREMENTS. IF THIS EQUIPMENT IS SHOWN WITHIN THE 5' OFFSET ON THESE PLANS, IT IS FOR THE PURPOSE OF GRAPHIC CLARITY ONLY.

6. REFER TO SHEET 20 FOR IRRIGATION NOTES AND 24 FOR IRRIGATION DETAILS.

THAN 25 WIRES.

WIRING/SLEEVING NOTES

GALLONS PER MINUTE

-----PRECIPITATION RATE

-VALVE SIZE

IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER

CONTROLLER WIRES SHALL BE 2" DIA. AND CONTAIN NO MORE

ROADWAYS AND WALKWAYS, PROVIDE AND INSTALL SCH. 40

PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING

UNDER ALL ROADWAYS AND WALKWAYS. SLEEVES FOR

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN

IRRIGATION CONTROLLER 'A'

VALVE NUMBER	A1	A2	A3	A4	A5	A6 - A48
VALVE SIZE	1.0"	1.0"	1.0"	1.0"	1.0"	OPEN STATIONS
G.P.M.	5.8	1.9	3.9	1.2	8.4	FOR FUTURE
OPERATION PSI	40	40	40	40	40	
ZONE TYPE	DRIP	DRIP	DRIP	DRIP	DRIP	

- PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- 2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- 3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER. IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

	DESCRIPTION	REMARKS/DETAIL
т	IRRIGATION DECODER CONTROLLER TO BE A 48 STATION BASELINE IRRIGATION INC.; BASESTATION 1000 WITHIN STAINLESS STEEL METAL VANDAL RESISTANT LOCKABLE PEDESTAL CABINET, WITH BI-SENSOR SOIL MOISTURE SENSORS, RAIN SENSORS, ROD GROUNDING, SURGE ARRESTORS, AND FLOW SENSORS (INSTALLED PER MANUFACTURE'S RECOMMENDATIONS). CONTRACTOR SHALL CONTACT BASELINE REPRESENTATIVE FOR INSTALLATION ASSISTANCE PER SPECIFICATION REQUIREMENTS. WWW.BASELINESYSTEMS.COM/KROGER, 866-294-5847 NUMBER OF SOIL SENSORS AND LOCATIONS PER BASELINE REPRESENTATIVE SUGGESTION. IRRIGATION CONTROLLER TO BE LOCATED PER PLANS OR AS DIRECTED BY OWNER OR OWNERS REPRESENTATIVE.	DETAIL 1 / SHEET 22
	WIRELESS RAIN/FREEZE SENSOR	DETAIL 4 / SHEET 22
DES	1" POINT OF CONNECTION, REFERENCE CIVIL PLANS FOR TAP LOCATION.	SEE P.O.C. DIAGRAM THIS SHEET
	1" BACKFLOW PREVENTER-MOUNT IN GUARDSHACK MODEL #GS-1 W/ FROST GUARD BAG MODEL #FG-1 FOR WINTERIZATION, SEE POINT OF CONNECTION SCHEMATIC DIAGRAMS	DETAIL 2 / SHEET 22
	1" MASTER VALVE	DETAIL 3 / SHEET 22
	1" ULTRASONIC FLOWMETER WITH 1" PVC TEE RECEPTACLE	DETAIL 12 / SHEET 22
ОМ	DRIP CONTROL ZONE KITS (24 VAC-60Hz)-IRRIGATION CONTRACTOR TO VERIFY DRIP ZONES PRESSURE REQUIREMENTS AND USE VALVE REGULATOR FOR HIGH PRESSURES. GROUP VALVES TO FIT WITHIN WATER SCHEDULES/MAXIMIZE AVAILABLE GPMS.	DETAIL 5 / SHEET 22
	1" QUICK COUPLER WITH LOCK	DETAIL 9 / SHEET 22
	GATE VALVE, SEE POINT OF CONNECTION SCHEMATIC DIAGRAMS	DETAIL 7 / SHEET 22
	THREADED PVC BALL VALVE - SIZE PER MAINLINE SIZE	DETAIL 11 / SHEET 22
PVC MA	NLINE - 1-1/2" CLASS 200 PVC PIPE UNLESS OTHERWISE NOTED ON THE PLANS	DETAIL 10 / SHEET 22
EEVE - S	SCHEDULE 40 PVC TWICE THE SIZE OF THE PIPE TO BE INSERTED, ONE SLEEVE PER PIPE	DETAIL 10 / SHEET 22
NG SLEI	EVE - 2" SCHEDULE 40 PVC PIPE (SEE WIRING/SPLICING/SLEEVE NOTE, THIS SHEET)	DETAIL 10 / SHEET 22
ЪЕ	XERI BLACK STRIPE POLY TUBING (OR APPROVED EQUAL), CONNECTION TO PVC LATERAL PER CONTRACTOR. ATTACH TREE & SHRUB DRIP EMITTERS PER THE EMITTER SCHEDULE	DETAIL 8 / SHEET 22

	BELOW. USE 3/4 FOR LINE CHANG INSTALL SEVERA GROUP DRIP CO		
	MANUAL DRIPLINE FLUSH VALVE		DETAIL 13 / SHEET 22
ON ANE ON: ERS, 10 1/2" CAI CALIPE) SMALLER: -15 GALLON: LIPER: R:	1, XB-10PC - (1 GPH) EMITTER PER PLANT 2, XB-10PC - (2 GPH) EMITTERS PER PLANT 3, XB-10PC - (3 GPH) EMITTERS PER TREE 4, XB-10PC - (4 GPH) EMITTERS PER TREE 7, XB-10PC - (7 GPH) EMITTERS PER TREE	

Galloway 6162 S. Willow Drive, Suite 320

Greenwood Village, CO 80111 303,770,8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

# Date Issue / Description Init.	SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET	ERIE, COLORADO
	# Date	Issue / Description		Init.
Project No: KSS000138 Drawn By: TDN Checked By: TDN				·
Project No: KSS000138 Drawn By: TDN Checked By: TDN				
Project No: KSS000138 Drawn By: TDN Checked By: TDN Date: 05/01/01				·
Project No: KSS000138 Drawn By: TDN Checked By: TDN Date: 05/01/01				·
Project No: KSS000138 Drawn By: TDN Checked By: TDN Date: 05/01/01				·
Project No: KSS000138 Drawn By: TDN Checked By: TDN Date: 05/01/01				
Project No: KSS000138 Drawn By: TDN Checked By: TDN Date: 05/01/01				
Drawn By: TDN Checked By: TDN Date: 05/01/01	Project No:		KSS	000138
Date: 05/01/01	Drawn By:			
100/01/01	Date:		0	5/21/21
OVERALL IRRIGATION PLAN	OVERALL	IRRIGATION PLA	N	

GENERAL IRRIGATION NOTES

WATER METER.

SPECIFIED).

PROVIDED BY CIVIL MODELS/UTILITIES/MUNICIPAL ENTITIES AND THUS, IS DIAGRAMMATIC IN NATURE. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR GRAPHIC CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS INDICATED ON PLAN. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.

IRRIGATION DESIGN IS NOT AN EXACT SCIENCE. IT IS BASED ON THEORIES, ASSUMPTIONS, AND/OR INFORMATION

- 2. REFER TO SPECIFICATIONS (AS APPROPRIATE) FOR SUBMITTALS, INSPECTIONS AND OTHER APPLICABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE PROJECT SPECIFICATIONS PRIOR TO BIDDING. THE PROJECT SPECIFICATIONS ARE A PART OF THESE PLANS AND SHALL BE CONSULTED BY THE IRRIGATION CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING WORK AS SPECIFIED IN THE PROJECT SPECIFICATIONS AND ON THE PLANS.
- 3 THE IRRIGATION CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK AND SHALL OBTAIN ALL ENGINEERING, LANDSCAPE, AND OTHER APPLICABLE PLANS & DOCUMENTS. CONTRACTOR SHALL THOROUGHLY REVIEW PLANS & REPORT ANY CONFLICTS OR DISCREPANCIES TO OWNER'S REPRESENTATIVE IMMEDIATELY
- 4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK. DO NOT INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE EXISTED AT THE TIME OF THE IRRIGATION DESIGN PREPARATION. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT GIVEN. THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY TO BRING THE SYSTEM TO A PROPER WORKING CONDITION, AND TO THE OWNER'S SATISFACTION.
- 5. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, RETAINING WALLS, ETC. THE IRRIGATION CONTRACTOR SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES THROUGH WALL, UNDER ROADWAY PAVING, ETC.
- 6. THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT
- 7. SEE CIVIL ENGINEER'S DRAWINGS FOR IRRIGATION POINT OF CONNECTION (TAP) AND DOMESTIC WATER SUPPLY. 8. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT
- REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS 9. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE POINT OF CONNECTION NOTE TAG(S) ON THE DRAWINGS. THE IRRIGATION CONTRACTOR SHALL FIELD VERIFY THE STATIC & OPERATING WATER PRESSURE PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DIFFERENCES BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S ALITHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED OR PRESSURES HAVE GREATLY CHANGED PRIOR TO THE START OF THE IRRIGATION SYSTEM CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR RECOMMENDING A SOLUTION AND PROVIDING AN ADD ALTERNATE BID FOR IRRIGATION COSTS.
- 10. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE EXCEEDS 5 PSI HIGHER OR LOWER THAN AVAILABLE WATER PRESSURE.
- 11. NO MORE THAN 90% OF AVAILABLE MINIMUM STATIC WATER PRESSURE WAS USED IN PREPARATION OF THESE PLANS. FURTHERMORE, THE MAXIMUM FLOW THROUGH THE METER SHOULD NOT EXCEED 75% OF THE MAXIMUM SAFE FLOW. 12. SUPPLY LINE AND METER TO BE PROVIDED BY GENERAL CONTRACTOR. BACKFLOW PREVENTER TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN AFTER THE IRRIGATION
- 13. INSTALL ALL MATERIALS AND EQUIPMENT AS SHOWN ON THE PLANS AND DETAILS. NO SUBSTITUTIONS OF EQUIPMENT WILL BE ACCEPTABLE WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT OR THE OWNERS REPRESENTATIVE. THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE ALL UNAPPROVED SUBSTITUTED EQUIPMENT AT HIS OWN COST IF SO DIRECTED BY THE OWNER.
- 14. WHEN INSTALLING IRRIGATION PIPE AND EQUIPMENT NEXT TO HARDSCAPE (SUCH AS WALLS, CURBS, OR WALKS), PLACE PIPE AS CLOSE AS POSSIBLE TO HARDSCAPE TO AVOID CONFLICTS WITH PLANTING. REFER TO MAINLINE TRENCHING DETAILS FOR ADDITIONAL INFORMATION.
- 15. THE IRRIGATION CONTRACTOR SHALL COORDINATE 120 V.A.C. ELECTRICAL POWER TO CONTROLLERS AND DEDICATE ONE (1) 20-AMP BREAKER FOR EACH CONTROLLER. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL SOURCE TO THE CONTROLLER UNIT ONLY.
- 16. THE RAIN SENSOR SHALL BE LOCATED NEAR THE IRRIGATION CONTROLLER, AND SHALL BE MOUNTED AS SHOWN ON THE DETAIL AND/OR LEGEND. LOCATE SENSOR AWAY FROM TALL TREES, SHRUBS, AND OTHER POTENTIAL OBSTRUCTIONS.
- 17. ALL VALVE CONTROL WIRE SHALL BE AWG 14 TYPE UF, 600 VOLT TEST, DIRECT BURIAL. NO SPLICES SHALL BE ALLOWED EXCEPT AT VALVES AND CONTROLLER. WHERE SPLICES MAY BE NECESSARY DUE TO EXCESSIVELY LONG WIRE RUNS. THE CONTRACTOR SHALL MAKE ALL SPLICES IN 6" ROUND VALVE BOXES WITH 3M'S "DBY-DIRECT BURIAL SPLICE KIT". THE CONTRACTOR SHALL LABEL ALL WIRES WITH WATERPROOF TAGS AND MARKERS AT ALL SPLICES AND VALVE MANIFOLDS, AND SHALL LEAVE A 24" COIL OF EXCESS WIRE AT EACH CONNECTION.
- 18. CONTRACTOR SHALL PROVIDE #10 COMMON WIRE, DIRECT BURIAL, TO ALL REMOTE CONTROL VALVES. 9. CONNECT ALL DIRECT BURIAL WIRES TO VALVES USING 3M'S "DBY-DIRECT BURIAL SPLICE KIT" (UNLESS OTHERWISE
- 20. PROVIDE ADDITIONAL IRRIGATION CONTROL WIRES TO THE AMOUNT OF OPEN ZONES ON THE CONTROLLER ALONG EACH BRANCH OF MAINLINE FOR FUTURE EXPANSION. STUB ADDITIONAL CONTROL WIRES INTO BACK OF IRRIGATION CONTROLLERS.
- 21. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL CONTROL WIRE SLEEVES AND PIPE SLEEVES UNDER PAVED AREAS PRIOR TO PAVING. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. ALL SLEEVING SHALL BE PVC SCHEDULE 40 PIPE. SLEEVES FOR MAINLINE AND LATERAL LINES SHALL BE A MINIMUM TWICE THE DIAMETER OF THE ENCLOSED PIPE; SLEEVES FOR CONTROL WIRES SHALL BE AS PER THE SLEEVING / WIRING NOTE AND THE WIRING SLEEVE LEGEND ITEM AS SHOWN ON THESE DRAWINGS
- 22. TRENCH BACKFILL MATERIAL SHALL BE FREE OF ROCKS, GLASS, AND OTHER EXTRANEOUS MATERIALS LARGER THAN 1" IN DIAMETER. BACKFILL SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY.
- 23. WHERE VALVES ARE LOCATED IN CLOSE PROXIMITY TO EACH OTHER, CLUSTER VALVES INTO MANIFOLDS. INSTALL NO MORE THAN ONE VALVE PER VALVE BOX.
- 24. MANUAL DRAIN VALVE, FOR FREEZE PROTECTION, ARE TO BE LOCATED AT ALL LOW POINTS OF IRRIGATION LATERAL LINES. WHERE THE LOW POINT IS AT THE END OF THE LINE, LOCATE DRAIN VALVE A MINIMUM OF 12" DOWNSTREAM FROM THE LAST SPRINKLER HEAD. SEE DETAIL FOR VALVE ORIENTATION.
- 25. USE TEFLON TAPE ON ALL PVC MALE PIPE THREADS ON ALL SWING JOINT AND VALVE ASSEMBLIES. 26. ALL IRRIGATION HEADS, INCLUDING FIXED-SPRAY AND DRIP DEVICES, SHALL BE SET PERPENDICULAR TO THE FINISH
- GRADE OF THE AREA TO BE IRRIGATED. 27. ALL PRESSURIZED MAINLINES, VALVES, DRIP, AND ROTOR AND SPRAY HEADS SHALL BE INSTALLED A MINIMUM OF 3' AWAY FROM ANY BUILDING FOUNDATION. IF THIS EQUIPMENT IS SHOWN WITHIN THE 3' OFFSET ON THESE PLANS, IT IS FOR THE PURPOSE OF GRAPHIC CLARITY ONLY.
- 28. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, IT IS THE INTENT OF THE IRRIGATION DESIGN TO INDICATE ALL SPRAY HEADS AS "POP-UPS". IN THE EVENT THAT POP-UP HEADS HAVE NOT BEEN SPECIFIED IN TURF AREAS, IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BRING THIS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING AND CONSTRUCTION.
- 29. ALL SPRAY AND ROTOR HEAD LOCATIONS SHALL BE STAKED, FLAGGED AND/OR OTHERWISE CLEARLY MARKED ON THE GROUND PRIOR TO INSTALLATION. SPRINKLER HEAD STAKING SHALL BE INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE OR THE LANDSCAPE ARCHITECT BEFORE INSTALLATION. STAKED LOCATIONS SHALL BE SPACED TO PROVIDE HEAD-TO-HEAD COVERAGE. RECOMMENDED SETBACK DISTANCE OF ALL PROPOSED IRRIGATION HEADS IS 12" FROM BACK OF CURB AND EDGE OF PAVEMENT.
- 30. FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST NOZZLE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS.
- 31. ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN TURF AREAS SHALL BE INSTALLED SO THE TOP OF THE SPRINKLER HEAD IS FLUSH WITH THE ADJACENT SIDEWALK, OR PAVING. ALL POP-UP HEADS AWAY FROM HARDSCAPE EDGES IN TURF SHALL BE 1" ABOVE THE FINISH GRADE TO PREVENT CONTACT WITH MOWERS.
- 32. EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE. 33. ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL
- PLANTED.
- 34. UPON COMPLETION OF INSTALLATION OF IRRIGATION SYSTEM, IRRIGATION CONTRACTOR SHALL PROVIDE THE FOLLOWING: A. ACCURATE AND COMPLETE "AS BUILT" PLANS OF IRRIGATION SYSTEM INCLUDING 8-1/2" X 11" ZONE MAP TO BE
- PLACED INSIDE EACH CONTROLLER BOX. B. LOG ON ALL WATER WINDOWS, RUN SCHEDULE TIMES, AND OTHER CHANGES AND/OR MODIFICATIONS TO THE
- IRRIGATION SYSTEM SINCE INSTALLATION. C. ONE HOUR OF TRAINING TO OWNER ON IRRIGATION SYSTEM AND CONTROLLER OPERATION.
- D. THREE OF EACH TYPE OF HEAD AND EMITTER INSTALLED. E. ONE OF EACH TYPE OF VALVE INSTALLED.
- F. REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNERS REPRESENTATIVE.
- 35. PRIOR TO ACCEPTANCE OF IRRIGATION SYSTEM AT THE END OF THE MAINTENANCE PERIOD, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE FOLLOWING: CURRENT SCHEDULE RUN TIME AND WATER WINDOW LOG, ALONG WITH NOTING ANY OTHER PERTINENT INFORMATION.
- 36. UNLESS OTHERWISE SPECIFIED, THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ANYTHING DAMAGED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER. 37. CONTRACTOR SHALL INSTALL MAINLINES ±12" FROM PAVEMENT EDGE IN PLANTING AREAS. ALL PIPING. VALVES. AND
- OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS AS INDICATED ON THESE PLANS.
- 38. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND SPECIFICATIONS, THE PLAN SHALL TAKE PRECEDENCE.
- 39. THE IRRIGATION SYSTEM SHALL BE INSTALLED BY A QUALIFIED IRRIGATION CONTRACTOR.

6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111 303 770 8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY. AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers
Supermarket / Petroleum
65 Tejon Street
Denver, CO 80223
Phone (303) 778-3053
Fax (303) 871-9262

SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMENT No.	ARAPAHOE ROAD & 107th STREET	EKIE, CULUKADU
			nit
# Date	Issue / Description	I	int.
# Date 	Issue / Description	 	
# Date 	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description		
# Date	Issue / Description	KSS000	D138
# Date	Issue / Description	KSS000	D138

IRRIGATION PLAN & NOTES

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

- City MarketiCO, Erie_(KSS000138) - 107th & Arapahoe Road10PLA\2-PlanKSS138_P_IRR.dwg - Rob Gordon - 11/16

TYPICAL POINT OF CONNECTION SCHEMATIC DIAGRAM

- 1) IRRIGATION POINT OF CONNECTION. TAP INTO THE DOMESTIC WATERLINE DOWNSTREAM OF THE
- (2) 3/4" K COPPER WATER SERVICE PIPE
 (3) GATE VALVE
- (4) 3/4" BACKFLOW DEVICE
- (5) MANUAL DRAIN VALVE, SEE SHEET 22 DETAIL 12
- 6 3/4" QUICK COUPLER
- (7) 1" PVC LINE, CLASS 200 PIPE
- 8 1" MASTER VALVE
- 9 1" FLOW SENSOR

MAINLINE.

(10) 1" MAINLINE, CLASS 200 PIPE

WINTERIZATION PROCEDURES: TURN OFF SYSTEM AT THE GATE VALVE DOWNSTREAM OF THE IRRIGATION METER. OPEN ONE CONTROL VALVE TO RELIEVE PRESSURE SLOWLY OPEN BLOW OUT VALVE. REPEAT PROCEDURE FOR ALL BLOW OUT VALVES ALONG IRRIGATION

POINT OF CONNECTION 'A'

- STATIC PRESSURE: <u>+/- TBD</u> SIZE OF TAP: <u>1</u>"
 USE 1" TAP AND INTO THE DOMESTIC WATER LINE DOWNSTREAM OF THE BUILDING METER.
- 1" TYPE K COPPER SERVICE FROM THE TAP THROUGH THE
- IRRIGATION BACKFLOW, TO THE MASTER VALVE. • CONTRACTOR SHALL VERIFY LOCATION OF THE EQUIPMENT, IN FIELD WITH OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE
- AND/OR LANDSCAPE ARCHITECT. • SEE POINT OF CONNECTION DIAGRAM, THIS SHEET, FOR THE IDDICATION SYSTEM EQUIDMENT CONFLICUENTION
- IRRIGATION SYSTEM EQUIPMENT CONFIGURATION. •THE IRRIGATION CONTRACTOR SHALL FIELD VERIFY THE STATIC & OPERATING WATER PRESSURE SHOWN ABOVE PRIOR TO CONSTRUCTION. IF PRESSURE IS UNKNOWN, THE CONTRACTOR MUST TEST WATER PRESSURE AND CONTACT THE LANDSCAPE ARCHITECT WITH THE RESULTS TO ENSURE SYSTEM WILL BE OPERATIONAL. SEE GENERAL IRRIGATION NOTES.
- WHEN WATER PRESSURE TO THE IRRIGATION SYSTEM EXCEEDS 100 PSI, THE IRRIGATION CONTRACTOR SHALL INSTALL A PRESSURE REDUCING / REGULATING VALVE (PRV) TO LIMIT THE WATER TO 80 PSI MAXIMUM. WHEN PRESSURE DROPS BELOW 65 PSI, THE IRRIGATION CONTRACTOR SHALL INSTALL A BOOSTER PUMP TO A MINIMUM PRESSURE OF 80 PSI.

CONTROLLER 'A' NOTE

- ONE (1) 10 STATION CONTROLLER, SEE LEGEND.
- FIVE (5) OPEN STATIONS FOR FUTURE EXPANSION.
 STATION RUN ORDER SHALL MATCH PLANS.
- LOCATE CONTROLLER IN THE LANDSCAPE AREA AS SPECIFIED ON THE BUILDING PLANS. VERIFY LOCATION WITH OWNER OR REPRESENTATIVE.
- 120 VAC POWER TO CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. HOOK-UP OF CONTROLLERS TO 120 VAC SHALL BE
- PERFORMED BY THE LANDSCAPE CONTRACTOR.
 CONDUIT FROM INSIDE THE BUILDING TO EXTERIOR IRRIGATION SYSTEM SHALL BE PROVIDED BY OTHERS.

VALVE KEY DIAGRAM

GALLONS PER MINUTE

WIRING/SLEEVING NOTES

IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER ROADWAYS AND WALKWAYS, PROVIDE AND INSTALL SCH. 40 PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING UNDER ALL ROADWAYS AND WALKWAYS. SLEEVES FOR CONTROLLER WIRES SHALL BE 2" DIA. AND CONTAIN NO MORE THAN 25 WIRES.

VALVE SIZE

CAUTION UTILITIES EXIST WITHIN CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THEIR LOCATION PRIOR TO CONSTRUCTION.

 $\overline{}$

6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111

303.770.8884 GallowayUS.com

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

King Soopers Supermarket / Petroleum ^{65 Tejon Street} Denver, CO 80223

Phone (303) 778-3053 Fax (303) 871-9262

SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMENT No. 2	ARAPAHOE ROAD & 107th STREET ERIE, COLORADO
# Date	Issue / Description	Init.
Project No: Drawn By:		
Project No: Drawn By: Checked By:		

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

VALVE KEY DIAGRAM

XX gpm

GALLONS PER MINUTE -VALVE SIZE

WIRING/SLEEVING NOTES

IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER ROADWAYS AND WALKWAYS, PROVIDE AND INSTALL SCH. 40 PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING UNDER ALL ROADWAYS AND WALKWAYS. SLEEVES FOR CONTROLLER WIRES SHALL BE 2" DIA. AND CONTAIN NO MORE THAN 25 WIRES.

Greenwood Village, CO 80111 303.770.8884 GallowayUS.com _____

COPYRIGHT

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

SITE PLANS KING SOOPERS #138	NINE MILE CORNER, AMENDMEN I No. 2	ARAPAHOE ROAD & 107th STREET	ERIE, COLORADO
# Date I	ssue / Description		Init.
# Date 	Issue / Description		Init.
# Date 	Issue / Description		Init.
# Date 	Issue / Description		Init.
# Date	Issue / Description		Init.
# Date	Issue / Description		Init.
# Date	Issue / Description		Init.
# Date	Issue / Description		Init.
# Date	Issue / Description		Init.
# Date I	Issue / Description	KSS(Init.
# Date I	Issue / Description	KSS	Init.

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A

Galloway 6162 S. Willow Drive, Suite 320 Greenwood Village, CO 80111 303.770.8884 GallowayUS.com _____ ------CONTROLLER STATION NUMBER GALLONS PER MINUTE -PRECIPITATION RATE COPYRIGHT IN ADDITION TO PROVIDING SLEEVES FOR ALL PIPING UNDER ROADWAYS AND WALKWAYS, PROVIDE AND INSTALL SCH. 40 THESE PLANS ARE AN INSTRUMENT OF SERVICE PVC SLEEVES FOR ALL CONTROLLER WIRES OCCURRING AND ARE THE PROPERTY OF GALLOWAY, AND MAY UNDER ALL ROADWAYS AND WALKWAYS. SLEEVES FOR NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED CONTROLLER WIRES SHALL BE 2" DIA. AND CONTAIN NO MORE WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED. King Soopers Supermarket / Petroleum 65 Tejon Street Denver, CO 80223 Phone (303) 778-3053 Fax (303) 871-9262 \sim 2 DMENT ш Ш REI AM Ś 107th S #138 RNER, / ల ERS ROAD RADO PLANS SOOPI MILE C ဟ AHOE SITE F KING NINE ARAP, Erie, # Date Issue / Description Init. _ ____ _ ____ _____ KSS000138 Project No: TDN Drawn By: TDN Checked By: 05/21/21 Date: IRRIGATION PLAN

VALVE KEY DIAGRAM

WIRING/SLEEVING NOTES

 $\sim\sim\sim\sim\sim\sim\sim$

CAUTION UTILITIES EXIST WITHIN CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THEIR LOCATION PRIOR TO CONSTRUCTION.

-VALVE SIZE

Х

- XX" XX gpm

THAN 25 WIRES.

n of 24

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE SOUTHEAST 1/4 OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 69 WEST OF THE 6TH PRINCIPLE MERIDIAN TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

1 CU. FT.

NIPPLE

NOTE:

22
of 24

EXTERIOR MATERIAL LEGEND

- Decorative. Integrally Colored CMU Smooth face (BL1) Color: Match SW7036 "Accessible Beige"
- BL2 Decorative, Integrally Colored CMU Split face Color: Basalite, Split face, 600R
- (BL3) Decorative, Integrally Colored CMU Smooth face Color: Basalite, Precision, 807WR
- BL4) Decorative, Integrally Colored CMU Smooth face Color: Match SW7018 "Dovetail"

- CS2) Cast Stone Accent Color: Match SW7036 "Accessible Beige"
- (FC1) Fiber Cement Vertical Board & Batten Color: Match SW7036 "Accessible Beige"
- MP1 Metal Panel Smooth Color: Match SW7018 "Dovetail"
- PM1 Prefinished Metal Color: Match SW7018 "Dovetail"
- (PM2) Prefinished Metal / Standing Seam Color: Match SW7054 "Suitable Brown"
- PM3 Prefinished Metal / Standing Seam Color: Berridge, Cityscape
- AS1 Prefinished Aluminum Storefront Color: Dark Bronze Anodized
- PT1 Painted Metal Color: SW7018 "Dovetail"
- PT2 Painted EIFS Color: Match SW7036 "Accessible Beige"

NOTE: ALTERNATIVE EQUIVALENT COMPLIANCE IS PROVIDED TO NINE MILE CORNER PD COMMERCIAL DESIGN STANDARDS, E.2.B. WALL ARTICULATION.

NOTE: SIGNAGE NOT APPROVED BY THIS PLAN. SEPARATE PERMIT REVIEW AND APPROVAL REQUIRED.

NOTE: THE BUILDING ELEVATIONS SHOWN AND APPROVED HEREON ARE INTENDED TO DEMONSTRATE HOW ALL HVAC AND OTHER MECHANICAL EQUIPMENT SHALL BE SCREENED ACCORDING TO THE TOWN OF ERIE, UNIFIED DEVELOPMENT CODE REQUIREMENTS. IT IS THE APPLICANT'S RESPONSIBILITY TO ENSURE THAT THIS APPROVED SCREENING OCCURS IN THE FIELD AS DEMONSTRATED BY THESE PLANS, REGARDLESS OF CURB REQUIREMENTS, MECHANICAL PLAN CHANGES, OR OTHER CIRCUMSTANCES. FAILURE TO PROVIDE APPROVED SCREENING MAY RESULT IN DELAY OF FINAL INSPECTIONS AND/OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

NINE MILE CORNER, AMENDMENT No. 2 - LOT 10A A PORTION OF THE NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 1 NORTH, RANGE 69 WEST AND THE TOWN OF ERIE, COUNTY OF BOULDER, COLORADO SITE PLAN - SP - 001292-2021

EXTERIOR MATERIAL LEGEND

- BL2) Decorative, Integrally Colored CMU Split face Color: Basalite, Split face, 600R

- (BL4) Decorative, Integrally Colored CMU Smooth face Color: Match SW7018 "Dovetail"

- (FC1) Fiber Cement Vertical Board & Batten Color: Match SW7036 "Accessible Beige"
- MP1 Metal Panel Smooth Color: Match SW7018 "Dovetail"
- PM1 Prefinished Metal Color: Match SW7018 "Dovetail"
- PM2 Prefinished Metal / Standing Seam Color: Match SW7054 "Suitable Brown"
- PM3 Prefinished Metal / Standing Seam Color: Berridge, Cityscape
- (AS1) Prefinished Aluminum Storefront Color: Dark Bronze Anodized
- PT1 Painted Metal Color: SW7018 "Dovetail"

NOTE: ALTERNATIVE EQUIVALENT COMPLIANCE IS PROVIDED TO NINE MILE CORNER PD COMMERCIAL DESIGN STANDARDS, E.2.B. WALL ARTICULATION.

NOTE: SIGNAGE NOT APPROVED BY THIS PLAN. SEPARATE PERMIT REVIEW AND APPROVAL REQUIRED.

NOTE: THE BUILDING ELEVATIONS SHOWN AND APPROVED HEREON ARE INTENDED TO DEMONSTRATE HOW ALL HVAC AND OTHER MECHANICAL EQUIPMENT SHALL BE SCREENED ACCORDING TO THE TOWN OF ERIE, UNIFIED DEVELOPMENT CODE REQUIREMENTS. IT IS THE APPLICANT'S RESPONSIBILITY TO ENSURE THAT THIS APPROVED SCREENING OCCURS IN THE FIELD AS DEMONSTRATED BY THESE PLANS, REGARDLESS OF CURB REQUIREMENTS, MECHANICAL PLAN CHANGES, OR OTHER CIRCUMSTANCES. FAILURE TO PROVIDE APPROVED SCREENING MAY RESULT IN DELAY OF FINAL INSPECTIONS AND/OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

