



DEVELOPMENT SERVICES
Current Planning

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**FINAL STATEMENT OF FINDINGS
AND PROPOSED DETERMINATION**

POSTED January 31, 2012

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PLANNING DIVISION COUNTER.***

TITLE: KUM & GO GAS STATION w/
CONVENIENCE STORE

LOCATION: Southwest corner of E. Eisenhower Blvd N. Boise
Ave.

APPLICANT: Kum and Go, LC
6400 Westown Parkway
West Des Moines, IA

STAFF CONTACT: Troy Bliss, Current Planning
Sean Kellar, Engineering
Melissa Morin, Water/wastewater
Kevin Gingery, Stormwater
Kathleen Porter, Power
Carie Dann, Fire
Tom Hawkinson, Building

APPLICATION TYPE: Special Review # 896

STAFF RECOMMENDATION: Staff recommends that the Current Planning
Manager approve a Type 2 Zoning Permit for Kum
and Go Gas Station, as described in the application
on file with the City and subject to the conditions
and technical corrections listed in this report dated
January 31, 2012.

I. ATTACHMENTS

1. Site Plan sheet (for easy reference)
2. Special Review #896 and Site Development Plan, sheets 1-25, including, site plan, landscape plan, lighting plan, and building elevations.
3. Public Improvement Construction Plans, sheets 1-12, including demolition plan, paving and striping plans, sewer plan, grading plan, and utility plan.
4. Technical Memorandum, 1/19/2012, (Summary of Revised Noise Analysis) prepared by Olsson Associates
5. Sound Limitations, Chapter 7.32, known as the City's Noise Ordinance

II. SITE DATA

ACREAGE OF SITE - GROSS.....53,157 SQ. FT.
ACREAGE OF SITE - NET.....53, 157 SQ. FT.
ACREAGE OF SITE - RIGHT-OF-WAY.....0.0 AC
PERCENT(%) OPEN SPACE PROPOSED.....24.8%
EXISTING ZONING AREA (ACRES).....B- Developing Business District;
.....53,157 SQ. FT.
PROPOSED ZONING AREA (ACRES).....NO CHANGE
EXISTING USE.....VACANT/VEHICLE SALES AND
SERVICE
PROPOSED USE.....GAS STATION w/ CONVENIENCE
EXIST ADJ ZONING & USE - EAST.....B; RESTAURANT/ PROFESSIONAL
OFFICES
EXIST ADJ ZONING & USE - NORTH.....B; HWY 34 AND GAS STATION
EXIST ADJ ZONING & USE - SOUTH.....R3; MOBILE HOME PARK
EXIST ADJ ZONING & USE - WEST.....B, VEHICLE SERVICE
NON-RES FLOOR AREA RATIO.....0.19
NON-RES BLDG AREA(SF) PROPOSED.....4,958 SF
TOTAL NUMBER OF PARKING SPACES.....28
UTILITY SERVICE - SEWER.....CITY OF LOVELAND
UTILITY SERVICE - ELECTRIC.....CITY OF LOVELAND
UTILITY SERVICE - WATER.....CITY OF LOVELAND

III. PROJECT DESCRIPTION

The application proposes to redevelop the property at the southwest corner of E. Eisenhower Blvd and N. Boise Avenue, aka 1620 E. Eisenhower Blvd., as a Kum and Go Gas Station w/ convenience store. The property is zoned B-Developing Business, and had been used most recently for vehicle sales and service for RV sales and service as well as auto glass repair and service. Pursuant to the provisions of Section 18.28.020.F., a gas station is a use allowed only through special review if the site is within 300 feet of a residential use or zone district. The

properties adjacent to the south are zoned and used as mobile home parks, under existing zoning of R-3, Developing High-density Residential, thus prompting the need for a special review.

The proposed re-development will include demolition of the existing building formerly used for auto glass repair and service site, and subsequent construction of a new gas station with primary building and gas canopy. The former RV sales and service use has vacated the property; and recently, the auto glass business has been moved to the existing building formerly occupied by the RV sales and service building, directly east of the proposed gas station. The redeveloped site would be limited to the proposed gas station and convenience store. Vehicular access from E. Eisenhower will be improved, and located on the property to the immediate west that is now occupied by the auto glass repair and service. The Eisenhower access will provide shared access for both businesses.

The proposed gas station will comply with most current City standards for gas stations, including re-located/consolidated access drive, public sidewalks, architecture, landscape, screening, and undergrounding of overhead power lines and surface stormwater facilities. The underground fuel tanks will also be as far away from the adjacent mobile home park as possible. If the special review is approved, the City will also approve an accompanying amended plat to be known as "Amended Plat of Lots 10 and 11, Block 1, Browns' Corner Addition to the City of Loveland, Larimer County, Colorado." This amended plat will move the existing lot line further west to a new location that is compatible with the overall site plan for the gas station.

IV. KEY ISSUES

Staff and the Applicant have worked to identify and resolve a number of important issues, including: undergrounding of overhead power lines along the E. Eisenhower frontage; undergrounding an open stormwater channel along the E. Eisenhower frontage into a buried pipe; providing new public sidewalks along both street frontages; locating the gas islands and gas canopy as far as possible from the adjacent residential properties; installation of landscape bufferyards and screening of the use from the adjacent streets and residential properties; mitigation of noise from the various types and levels of noise that are likely to occur on the site; design of all exterior illumination on the site to mitigate negative impacts to residential properties and the general public; limitation of sign area and colors to be in compliance with City standards for gas stations; and, the use of quality architecture for the primary building and gas-island canopy.

Staff and the Applicant have worked to achieve the best possible design to mitigate as many of the site impacts as possible. The property owner and residents of the adjacent mobile home park are especially concerned about the impacts of noise. A noise mitigation wall will be installed along/near the common property line between the two properties. At the neighborhood meeting held on November 17, 2011, a workable consensus was reached between the Applicant, the mobile home park owner and residents, and City staff that by placing the noise mitigation wall on/near the common property line. It was also agreed that the noise wall could be extended southward along the east property line of the mobile home park to help protect the park residents

from the initial noise of vehicles leaving the east access drive from the Kum & Go site onto Boise Avenue.

Following the neighborhood meeting, City staff did not immediately issue final findings associated with the project, primarily due to the proposed 12-foot noise wall. While a general consensus was reached at the neighborhood meeting on November 17, 2011 as to a basic location and design for the wall, staff determined that the height and length of the wall represented such a significant deviation from standard code limitations (6-foot wall height) that it would be inappropriate to approve this design administratively. Furthermore, staff believed that a wall of this height and length could create an undesired precedent, resulting in pressure to approve similar structures between commercial and residential uses. These concerns were subsequently communicated to Kum & Go representatives and final findings were placed on hold. Kum & Go subsequently presented a solution to City staff in which the noise study was adjusted to reflect reduced on-site vehicle traffic volumes in the night-time hours (9:00 PM to 7:00 AM). With this adjustment, the noise mitigation wall was reduced in height to 8 feet. With this arrangement, the proposed noise wall effectively mitigated projected noise levels to achieve compliance with the City's noise ordinance. Kum & Go representatives presented and described this adjustment to the Noise Study to the Sylmar Mobile Home Park owner and a concerned park resident, along with Current Planning staff, at an informal meeting held at the Loveland Library on January 19, 2012.

V. BACKGROUND

December 1985 - Annexation of Brown's Corner Addition (as existing county development)

October 4, 1977 - Annexation of Sylmar Addition (as existing mobile home park)

May 23, 1985 - Approval of Sylmar 3rd Subdivision

VI. STAFF, APPLICANT, AND NEIGHBORHOOD INTERACTION

A. Notification

An affidavit was received from Olsson Associates certifying that on November 3, 2011 written notice was mailed to all property owners within the neighborhood, as defined by Section 18.40.010.C., and public notice signs were posted on the site, both giving notice of the neighborhood meeting to be held on November 17, 2011.

B. Neighborhood Response

An informal/informational neighborhood meeting was initially held at 6:30 pm on January 17, 2011. The purpose of the meeting was to provide early information to the neighborhood and allow the Applicant to evaluate the types and level of concerns from the neighborhood. The

attendance sheet indicates that 17 persons attended the meeting, in addition to City staff and the Applicant's team. Concerns raised at the meeting included: location and hours of deliveries, noise impacts, hours of operation, sale of alcohol on the site, the effects on existing utilities along the common property between the site and the adjacent mobile home park, drainage, traffic impacts, whether cooking would occur in the building, and peak number of employees on the site. The meeting was adjourned at approximately 7:25 pm.

The formal neighborhood meeting (as required by the Special Review process) was held on November 17, 2011 at 6:30 p.m. in the Parks and Recreation Large Conference Room, 500 E. 3rd St, Loveland CO. The attendance sheet indicates that 14 persons attended the meeting, in addition to City staff and the Applicant's team. Issues and concerns voice included increase in traffic impacts, especially from vehicles using the east access onto Boise Avenue; access and circulation of gas-supply tankers; increased noise impacts to the adjacent residential properties; impacts of demolition and re-development of the site upon the residential neighborhood; days/hours of operation; height and intensity of exterior lighting, especially along the rear of the property adjacent to residential properties; adequacy of the noise wall along the rear property line regarding both screening and noise mitigation; whether cooking would be done on the site; and sale of alcohol. The meeting was adjourned at approximately 8:05 p. m.

Subsequent to the neighborhood meeting, further inquiry was received by City staff from a resident of the mobile home park.

Another informal neighborhood meeting was held on January 19, 2012 in the Erion Room of the Loveland Public Library at 5:30 p.m. Two neighbors (including the park owner) who reside in the Sylmar Addition were in attendance. Concerns were raised with respect to the change made regarding the 12-foot wall along the south boundary of the project site. The proposal to reduce the wall height to 8 feet prompted concerns relative to an increase in noise and light, indicating that the 12-foot wall was an agreed upon solution from the neighborhood. Additionally, concerns regarding the location of the full movement vehicular access onto Boise Avenue continued to be of issue to the neighbors given the proximity to the Sylmar Addition.

C. Project Schedule

1. An initial informal neighborhood meeting was held on January 17, 2011 at 6:30 P.M. in the City Council Hearing Room at 500 E. 3rd Street, Loveland, CO.
2. Type 2 Special Review application was formally filed with the Current Planning Department on July 13, 2011.
3. The application was first distributed for DRT review on July 15, 2011.
4. The formal (Code-required) neighborhood meeting was held on November 17, 2011 at 6:30 P.M. in the Parks and Recreation Large Conference Room at the City of Loveland.

5. Preliminary Findings and Proposed Determination were issued by City staff on November 22, 2011.
6. The public review and comment period for the preliminary findings and proposed determination was from November 22, 2011 to December 5, 2011.
7. The Final Statement of Findings and the Notice of Intent to Issue a Type 2 Permit was to be issued on December 12, 2011. This did not occur as a result of concerns raised by the City with respect to a proposed 12-foot wall.
8. Following discussions between City staff and Kum & Go representatives, a revised plan and noise study were submitted to the Current Planning office in support a noise mitigation wall of 8-feet. The revised noise study indicated full compliance with the City noise ordinance. The Final Statement of Findings and Notice of Intent to issue a Type 2 Permit was issued on January 31, 2012. Notice of the Final Statement of Findings was provided to all neighbors who received prior notice of the formal neighborhood meeting on November 17, 2011. As specified in the Municipal Code, any Appeal of this action must be filed with the Development Center (Current Planning office) by no later than 5:00 p.m. on February 6, 2012.
9. If no ~~appeal~~ ^{TR} ~~is~~ ^{FEBRUARY 10,} filed, the Applicant can proceed with submittal of final corrections and documents, and the City will issue the Type 2 Permit and Site Development Plan. If a timely and valid appeal is filed, the staff determination will be suspended and the application will be scheduled for a Planning Commission public hearing at the next available meeting.

VII. FINDINGS AND ANALYSIS

***Finding 1.** That the proposed special review use meets the purposes set forth in Section 18.04.010 of the Loveland Municipal Code.*

Current Planning: Staff believes that, subject to the recommended conditions and technical corrections, the proposed use will meet the purposes set forth in Section 18.04.010 of the Loveland Municipal Code, will not create unsafe or unhealthy conditions, and would generally promote the health and welfare of Loveland citizens. The proposed use is appropriate for the zoning district in which it lies. City staff believes that this project would be consistent with sound planning practices and the provision of current and future public infrastructure requirements. The purpose of Chapter 18.40 is to allow consideration of whether restrictions greater or lesser than normal should be approved. Use of the special review process is an appropriate manner in which to consider and allow the proposed non-conformances.

***Finding 2.** That the effects of the proposed special review use on the surrounding neighborhood and the public in general will be ameliorated and agreement has been reached between the applicant and the City as to the location, extent, and nature of*

improvements that must be made and the conditions, restrictions, and modifications that have been deemed as necessary by the City to insure that impacts of the project on the neighborhood and the general public are adequately mitigated and to insure that the proposed use will be made compatible with the surrounding uses of property.

Current Planning: Staff believes that, subject to the recommended conditions and technical corrections, all identified negative effects that may result upon the surrounding neighborhood and the public in general from the proposed re-development and operation of the use will be adequately ameliorated within the context of what is possible with this site.

The Applicant has been provided with a copy of the preliminary findings, analysis, and recommended conditions for approval of the application. A few practical and legal matters must be finalized in regard the location and configuration of the proposed noise wall. Staff believes that consensus has been reached and the Applicant is willing to comply with the conditions, restrictions, and modifications that have been deemed as necessary by the City, and to install and complete the required improvements in the manner described in this report.

***Finding 3.** That in assessing the potential effects of the proposed special review use, at a minimum, the following matters have been considered:*

***3a.** Type, size, amount, and placement of landscaping;*

Current Planning: The type, size, amount, and placement of landscaping is appropriate to the proposed site, locational context, and the general area within the City. The type and placement of landscape will not obstruct any safe sight-distance triangles for the access drives. Special attention has been given to accomplishing the best landscape enhancements and screening possible under the circumstances.

***3b.** Height, size, placement, and number of signs;*

Current Planning: Staff believes that the height, size, placement, and number of signs are appropriate to the proposed site and the neighborhood, and the general area within the City. Special attention has been given to appearance of signs as seen from Hwy 34 and the adjacent residential areas. The freestanding sign will not be visible to the residential properties to the south, and will comply with the normal sign area limitations for gas stations. The proposed canopy signs will be consistent with the limitations for such signs as set forth in the gas station standards. The wall signs proposed for the primary building will also not be significantly visible to the residential area to the south, and will be in keeping with the proportion of the building on which it is mounted. All signs will be designed to meet the requirements of a Planned Sign Program for this premise.

***3c.** Use, location, number, height, size, architectural design, materials, and colors of buildings;*

Current Planning: Use, location, number, height, size, architectural design, materials, and colors of buildings are appropriate to the proposed site, the neighborhood, and the general area within the City. Special attention has been given to appearance of buildings and architecture as seen from Hwy. 34 and Boise Avenue, and the adjacent residential areas. The building is low in profile and scale and includes quality and consistent features which will establish a pattern of architecture to be followed by other new development in this stretch of the corridor.

3d. Configuration and placement of vehicular and pedestrian access and circulation;

Transportation Engineering:

Primary access to the site will be from a right-turns only access to US 34 and a full-movement access to Boise Avenue. A Traffic Impact Study, prepared by Michael Piernicky, P.E., has been submitted with the application which demonstrates that the existing transportation system, can adequately serve the land uses proposed.

3e. Amount and configuration of parking;

Current Planning: Staff believes that the proposed parking will be adequate for the size and character of the site. Based on normal City standards, a total of twenty-five (25) spaces would be required. The application proposes to provide twenty-eight (28) spaces, along with two (2) bicycle spaces and rack. Many gasoline purchases are paid for at the pump by credit/debit card reader built into the pump shell, making it unnecessary for the vehicle to leave the gas island to make payment or purchase other goods within the building. The parking spaces on the east end of the building which are most impactful to the adjacent mobile home park have been designated for employees, limiting the noise impacts to the neighbors.

The length of the parking spaces in front of the building is a full 19 feet with a 10 foot wide sidewalk, giving a greater sense of openness and security for customers. Although certain product dispensers are planned to be located on portions of this sidewalk, 6 feet in width will remain open and useable, which exceeds City standards.

3.f. Amount, placement, and intensity of lighting;

Current Planning: Amount, placement, and intensity of lighting are appropriate to the proposed site and the neighborhood, and the general area within the City. Pole mounted lights are proposed for only 16.0 ft. above grade. Special attention has been given to preventing glare and direct light from being visible off the site, especially for the residential properties to the south.

Lighting on the under-side of the gas-island canopy will be fully recessed, meeting City standards for such lighting and further assuring that direct light and glare will not be seen off the site.

3g. Hours of operation;

Current Planning: The application proposes to operate the business 24 hours, 7 days a week. At the neighborhood meeting, some attendees expressed an interest in limiting the hours of operation since it is adjacent to the residential properties to the south. However, City staff sees no overwhelming need for this limitation since all noise and visual impacts will be mitigated by the noise wall and building. Staff cannot discover any basis in City code or routine practice in the area to support recommending it as a condition.

3h. Emissions of noise, dust, fumes, glare, and other pollutants.

Current Planning: Emission of noise, dust, fumes, glare, and other pollutants will not exceed inappropriate levels, based on the plans and reports submitted by the applicant. A Noise Impact Analysis, prepared by Olsson Associates, was submitted with the Application, and subsequently revised with a Technical Memorandum dated January 19, 2012 (See **Attachment # 3**). The report (including the Memorandum) indicates that all sources of noise generated by the proposed use of the site will be in compliance with City standards. The January 19, 2012 Technical Memorandum recalibrated noise levels generated from the site to reflect lower on-site traffic volumes occurring during evening hours (9:00 p.m. to 7:00 a.m.). Off peak hour vehicle traffic counts reflected a 40% reduction from the on-site peak hour counts that had been used in previous versions of the noise study. The modification to the noise study resulted in a logical decrease in projected vehicle traffic during evening hours; the corresponding reduction in projected on-site noise made it possible for an 8 foot-high wall to provide adequate noise mitigation in order to achieve compliance with the City's Noise Ordinance. Table 1 of the Technical Memorandum indicates the noise levels at various locations within the Sylmar Park for daytime and nighttime periods. Readers should note that the City's Noise Ordinance (Section 7.32.060) allows for 10 dba exceptions to the 55 dba daytime noise level limits for periods not exceeding 15 minutes within any one hour period. In Table 1, the columns denoted as Total 1 for the 6-foot, 8-foot and 10-foot noise barriers all indicate some level of daytime noise occurring above the 55 dba level. Nonetheless, projected noise levels occurring within the adjacent Sylmar mobile home park will be reduced from the current levels due to the noise wall and the placement of the convenience store building. Essentially and effectively, the current condition relating to noise will be improved for these residents.

***Finding 4.** Except as may be varied in accordance with this special review permit, the special review site plan conforms to the restrictions and regulations set forth in the Loveland Municipal Code for the zoning district in which the special review use is located.*

Current Planning: The special review process includes the authority to approve requirements and restrictions greater or lesser than normal. As indicated in other portions of this report, one aspect of site design does not comply with the normal requirement, that being the minimum distance between gas islands and drive lanes for the northern-most drive lane on the site. Staff supports this reduction so that the gas island canopy can be as far as possible from the adjacent residential neighborhood and the normal 15 ft. wide landscape buffer can be provided along the Eisenhower frontage. Additionally, the proposed 8-foot wall is a deviation from a maximum 6-

foot 3-inch wall height allowed by code. This increase in wall height is supported to mitigate noise onto abutting residential properties. With these exceptions, staff believes that the proposed use and development will comply with all normal restrictions and regulations set forth in the Loveland Municipal Code for the zoning district in which the special review use is located.

Finding 5. *The special review site plan meets the requirements set forth in Section 16. 41 - Adequate Community Services - of the Loveland Municipal Code.*

Transportation Engineering:

1. A Traffic Impact Study has been submitted with the Kum & Go Special Review which demonstrates that the existing transportation system, can adequately serve the land uses proposed.
2. Primary access to the site will be from a full-movement access to Boise Avenue and a right-turns only access to US 34.
3. The Applicant's traffic engineer, Michael Piernicky, P.E., has submitted a Traffic Impact Study (TIS) that indicates that the traffic associated with the proposed development will meet the City's standards. The proposed use is estimated to generate approximately 8,362 daily trips, 265 weekday AM peak hour trips, and 305 weekday PM peak hour trips.
4. A positive determination of adequacy for transportation facilities for the proposed Special Review has been made.

Fire: The site will comply with the requirements in the ACF Ordinance for response distance requirements from the first due Engine Company (Station 1).

Water/Wastewater: This development is situated within the City's current service area for both water and wastewater. The Department finds that the Development will be compliant to ACF for the following reasons:

1. The proposed development will not negatively impact City water and wastewater facilities.
2. The proposed public facilities and services are adequate and consistent with the City's utility planning and provides for efficient and cost-effective delivery of City water and wastewater service.

Stormwater: Staff believes that this finding can be met, due to the following:

1. This project complies with the Adequate Community Services ordinance outlined in the Loveland Municipal Code, Section 16.41.140.

VIII. RECOMMENDED CONDITIONS

City staff recommends the following conditions:

Current Planning:

1. Before issuance of any Certificate of Occupancy, the Developer shall install all paving, striping and signage, as shown on the approved special review plans, unless financial security is filed by the Developer with the City to assure installation at a later date acceptable to the City.
2. Before issuance of any Certificate of Occupancy, the Developer shall install all landscape as shown on the approved landscape plans, unless financial security is filed by the Developer with the City to assure installation at a later date acceptable to the City.
3. Before issuance of any Certificate of Occupancy, the Developer shall install all fences and/or walls, as shown and described on the special review plans, unless financial security is filed by the Developer with the City to assure installation at a later date acceptable to the City.
4. All external architecture, including design, materials and colors, shall be in compliance with those depicted and described on the approved special review plans. Minor adjustments or refinements may be approved by the Current Planning Manager as part of the City review of the building permit.
5. For purposes of implementation of the City sign code for this property, the entire site, as depicted and described on the special review, shall be deemed as a single premise.
6. All signs shall be consistent with those shown and described on the special review plans. The signs depicted and described in the Special Review application shall constitute a Planned Sign Program approved by the City. Minor adjustments or refinements may be approved by the Current Planning Manager as part of the City review of the sign permit. No signs shall be installed or modified on the premise until a sign permit, approving such installation or modification, has been approved by the City.
7. All external illumination shall fully comply with the City of Loveland lighting standards as set forth in Section 3.09.02 of the City of Loveland Site Development Performance Standards and Guidelines, and shall be consistent with the lighting depicted and described on the approved special review plans. If changes are proposed to the lighting, the City shall have the authority to require a complete, updated point-by-point photometric plan, prepared by a qualified professional.
8. Approval of this special review does not constitute City agreement or approval that the development and use of the site, as shown and described in said special review, meets the requirements and limitations of the City of Loveland Sound Limitations, as set forth in Chapter 7.32 of the Municipal Code. All noise emanating from the site shall at all times fully comply with the City of Loveland Sound Limitations, as set forth in Chapter 7.32 of the Municipal Code.

The City shall have the authority to compel or approve any subsequent modifications to the site, as deemed necessary in order to assure said compliance.

9. Since the north-south shared access drive easement is essential to the function of this site, this easement shall not be altered or vacated by the lot owners without written consent of the City.

10. No part of the canopy fascia shall be illuminated, other than what is allowed for the fascia-mounted logo, as depicted and described in the Special Review application.

11. The owner shall be solely responsible for repair or replacement of all landscape that may be disturbed, removed or damaged as a result of installation, maintenance or removal of utilities in the 14 foot wide utility easements along the north and east property lines. All landscape shall be replaced with equivalent plants or other improvements which satisfy the same intent, and in a manner that is approved by the Current Planning Manager.

12. Delivery and vendor vehicles, including fuel delivery trucks, shall be on site only during the hours of 9 am to 5 pm.

13. Trash trucks shall service the site only during the hours of 9 am to 5 pm.

14. The noise mitigation wall proposed along/near the south property line shall be located on or near the common property line with the mobile home park adjacent to the south, and shall be constructed to a height of 8 feet above finished grade. Since dedicated utility easements lie in this same area, this location and configuration must be approved by all City and non-City providers of utilities before finalization of the plans. If further investigation determines that this location will not meet City requirements for structures in a utility easement, an alternate location and configuration may be determined by agreement between Kum and Go, the City of Loveland, and the owner of the mobile home park to the south. If temporary or permanent easements are necessary, the parties shall work together in good faith to agree upon terms of such easements. At no time shall the City compel the owner of the mobile home park to convey or agree to such alternative location if it is located upon his property, or any portion thereof.

If this location for the wall can be agreed upon by all parties, Kum and Go shall also extend the wall southward from the southeast corner of the Kum and Go site, extending to a point southward which is agreed upon by the parties. This is for the purpose of providing additional noise mitigation from vehicles leaving the site southbound upon Boise Avenue. If the wall is to be greater in height than 6-foot 3-inches, application for a variance application shall be submitted to and approved by the City prior to construction of this portion of the wall.

15. Before submitting the Special Review and Site Development Plan mylars for City signatures, the plans shall be further revised to completely depict and note all required signage for handicap parking, as set forth in the published ADA standards and the City of Loveland Performance Standards and Guidelines (SDPSG).

16. Before submitting the Special Review and Site Development Plan mylars for City

signatures, the plans shall be further revised to completely depict and note all required landscape irrigation, as set forth in the City of Loveland Performance Standards and Guidelines (SDPSG).

17. All HVAC and other mechanical equipment located on the roof of the building shall be screened from view of all adjacent public streets and the residential property to the south, in a manner that meets the applicable City standards and to the satisfaction of the Current Planning Manager, as finally determined at time of building permit review.

Transportation Engineering:

18. Notwithstanding any information presented in the Special Review or accompanying construction plan documents (text or graphical depictions), all public improvements shall conform to the Larimer County Urban Area Street Standards (LCUASS) as amended, unless specific variances are requested and approved in writing.

19. Prior to the issuance of any building permits within this Special Review, unless otherwise approved by the Director pursuant to the provisions in Section 16.40.010.B of the Loveland Municipal Code, the following public improvements shall be designed and constructed by the Developer unless designed and constructed by others. A cash-in-lieu payment for all or part of these improvements may be accepted if approved in writing by the City Engineer:

- a. Ultimate roadway improvements to US 34 adjacent to the property, including curb, gutter, and sidewalk as shown on the City approved Public Improvement Construction Plans.
- b. The northbound left-turn lane striping at Boise Avenue and the site access as shown on the City approved Public Improvement Construction Plans.

20. Prior to the issuance of any building permits within this Special Review, written concurrence from CDOT needs to be provided to the City for the proposed improvements within CDOT right-of-way.

21. Prior to submittal of the Final Special Review mylars, the applicant shall provide the City with a copy of the approved CDOT access permit for the proposed access to US 34.

IX. TECHNICAL CORRECTIONS

Before issuance of a Type 2 or Type 3 Permit by the City, the Applicant shall make the following final revisions, corrections or clarifications to the plans to the full satisfaction of the City.

Current Planning:

1. The irrigation plans shall be further revised to clarify whether the 2 rows of rotary sprinklers along Eisenhower, are truly full circle rotation heads, and if they will spray water onto the public sidewalk and into the street.
2. Once the final location and configuration of the noise mitigation wall is determined, all appropriate plan sheets will be revised to depict and note the final location, configuration, dimensions and materials used for this wall.
3. The photometric pan sheets shall be further revised to clarify that all ceiling mounted lights on the under-side of the gas canopy roof will be fully recessed, as stipulated by City standards.

Transportation Engineering:

4. Provide a special curb ramp detail for the directional curb ramps at the access points, demonstrating full compliance with the adopted LCUASS standards.
5. Relocate the two "Right Lane Must Turn Right" signs to Sta 2+60 and Sta 0+75.
6. Submit a copy of the written CDOT concurrence for the proposed access to US 34 prior to submittal of the final mylars.
7. Submit the final "Opinion of Probable Public Improvement Construction Cost Estimate", with PE Stamp, to Sean Kellar.

Water/Wastewater:

8. A note shall be added to the on-site landscape plan addressing the inadequacy of the required separation distances between the trees and the wastewater main on the south side of the building and sound wall within the existing utility easement. The note should be similar to the note regarding the sound wall that you added to the On-Site Utility Plan.

Stormwater:

9. Please return a signed/stamped original of the Final Drainage Report for our document retention program.

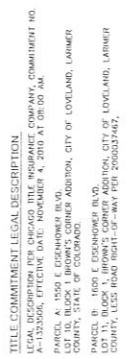
X. STANDARD REQUIREMENTS

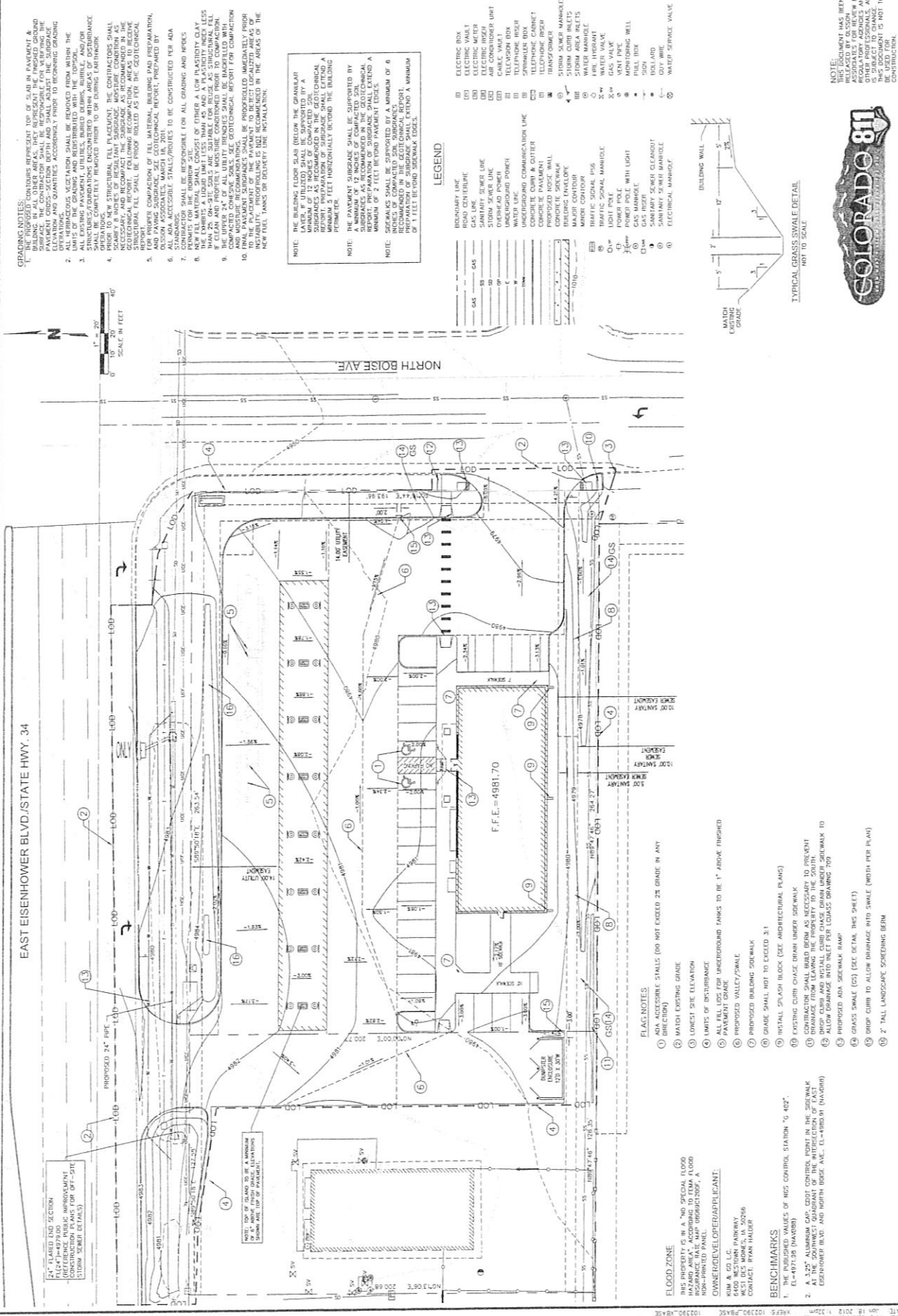
(Standard requirements are not conditions of approval, and are not a complete statement of applicable codes and standards. They are instead a good faith effort of City staff to bring to the Applicant's attention those requirements already specifically set forth in the Loveland Municipal Code, or related adopted standards, which would normally apply to all development such as proposed in this application.)

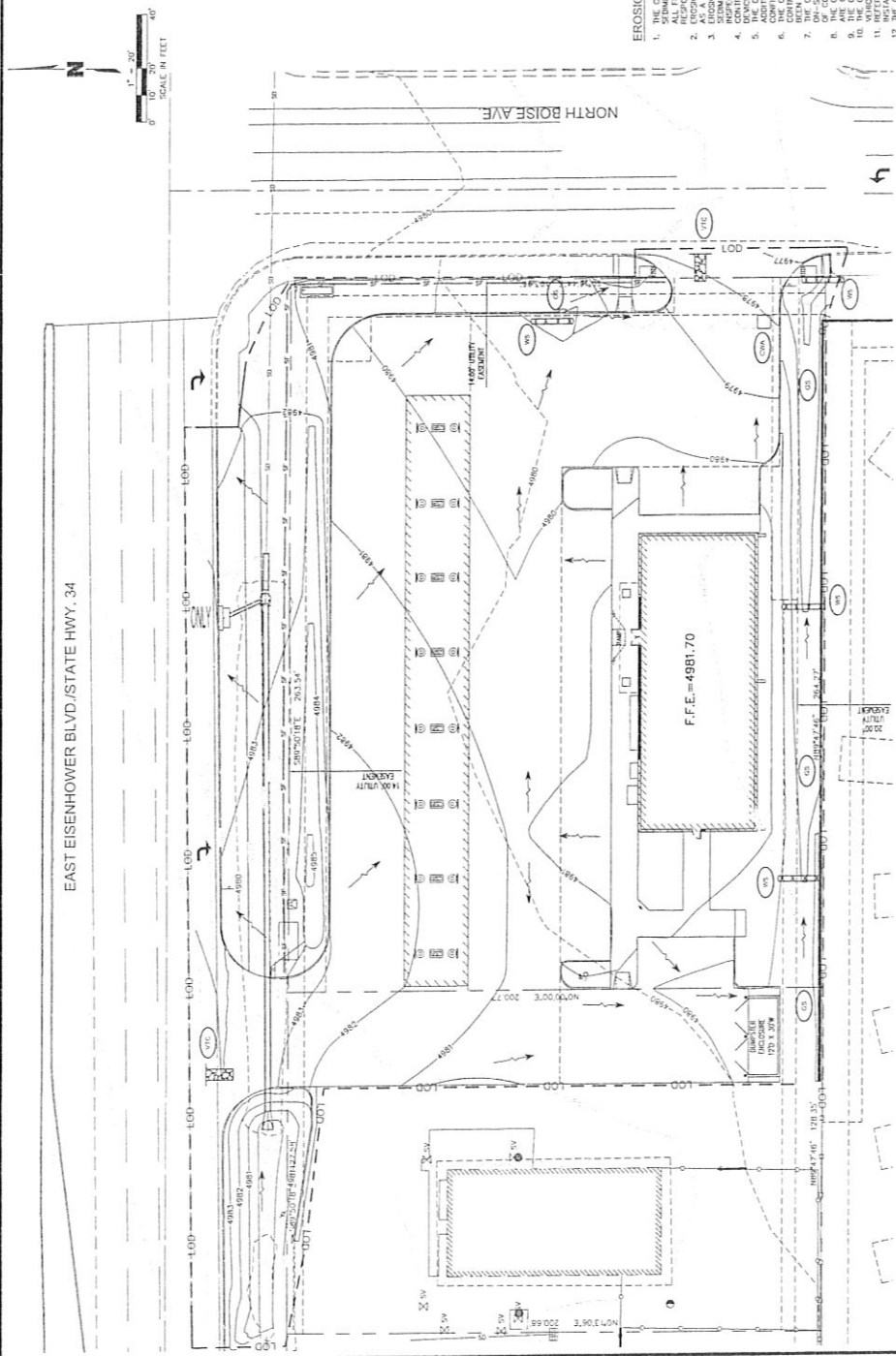
FIRE:

1. The requirements of the Fire Code, Building Code (with regards to fire and life safety issues), and NFPA standards currently adopted at the time of building construction will have to be met.
2. Water mains supplying hydrants must be looped whenever possible and be a minimum size of 8-inch.
3. All hydrants shall be in place and operational prior to any combustible material being brought on site.
4. Hydrant placement shall meet the following criteria with distances measured by vehicular travel path: Commercial/Multifamily -- 400-ft to all parts of a structure with 350-ft spacing
5. The minimum fire flow and flow duration for buildings other than one and two family dwellings shall be as specified in the adopted fire code. A reduction in required fire flow of up to 50% is allowed when building is provided with an approved automatic sprinkler system. However, the resulting fire flow shall not be less than 1500 GPM.
6. Turning radius must meet the B40 template.
7. A minimum of two points of access must be provided to the development prior to any combustible materials being brought on site. These temporary access points must have an all - weather surface capable of supporting the weight of emergency apparatus and remain passable throughout the construction process.
8. Approved address numbers are required on all new buildings in such a position as to be plainly visible and legible from the street or road fronting the property and shall contrast with their background.
9. Guard posts or other approved means shall be provided to protect hydrants; gas meters; storage tanks and connected piping, valves and fittings; dispensing area; and use areas subject to vehicular damage.
10. Access roadways within the City and UGA shall be finished by an application of an all-weather driving surface of hot mix asphaltic concrete or concrete pavement over a flexible base capable of supporting a design wheel load of 18,000 pounds (GVM 80,000 pounds minimum). This applies to all types of access roadways (emergency access, 2nd access, etc.)

[illegible][illegible][illegible]







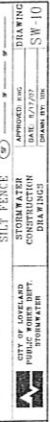
THIS PROPERTY IS IN A "NO SPECIAL FLOOD HAZARD AREA". ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 08069C1200F, A NON-PRINTED PANEL.

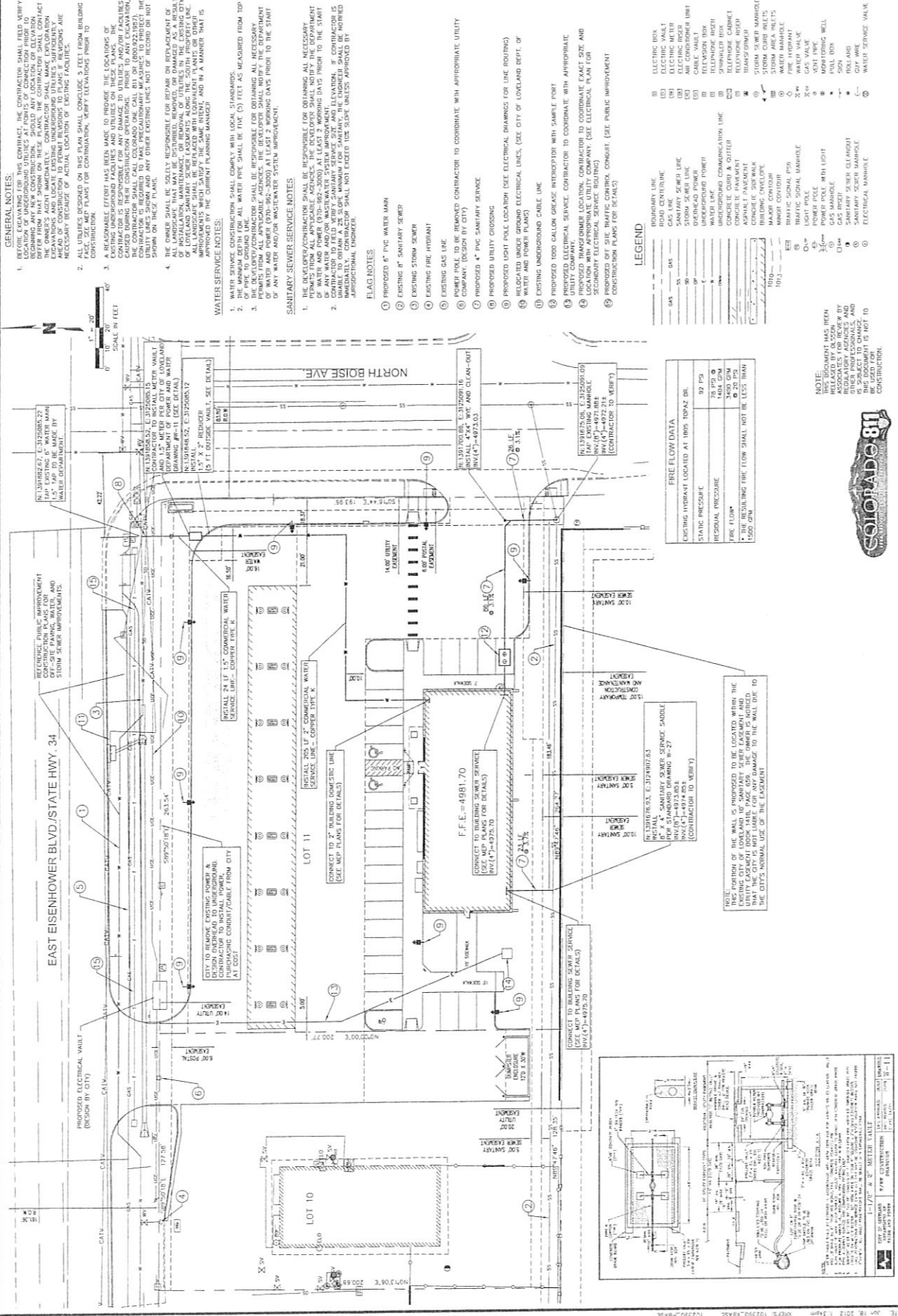
2. A 3.25" ALUMINUM CAP, COOT CONTROL POINT IN THE SIDEWALK AT THE SOUTHWEST QUADRANT OF THE INTERSECTION OF EAST DESCHENDOR BLVD. AND NORTH HOSE AVE., EL=4965.91 (NAVD88)

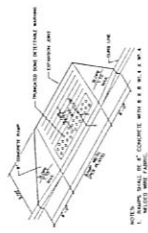
2. A 3.25" ALUMINUM CAP, COOT CONTROL POINT IN THE SIDEWALK AT THE SOUTHWEST QUADRANT OF THE INTERSECTION OF EAST DESCHENDOR BLVD. AND NORTH HOSE AVE., EL=4965.91 (NAVD88)

THIS DOCUMENT HAS BEEN
RELEASED BY OGDEN
ASSOCIATES FOR REVIEW BY
REGULATORY AGENCIES AND
OTHER PROFESSIONALS, AND
IS SUBJECT TO CHANGE.
THIS DOCUMENT IS NOT TO
BE USED FOR
CONSTRUCTION.

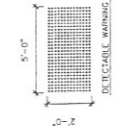
9 OF 25 C2.4

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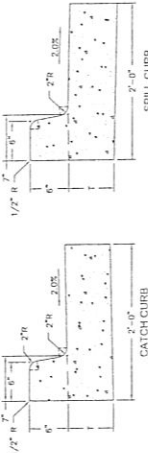




FRONT ADA CURB RAMP DETAIL



DETECTABLE WARNING



ATCH CURB

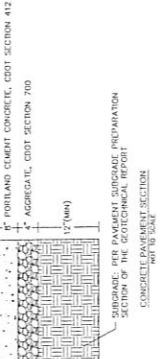
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- [illegible]

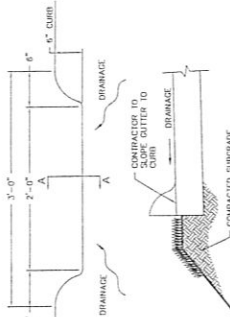
STANDARD CLIP DETAIL



TABLE 1

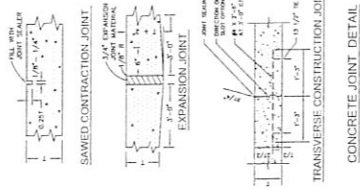


NOT TO SCALE



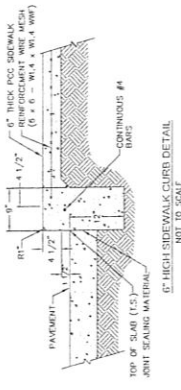
DRAINAGE CURB DROP DETAIL

NOT TO SCALE



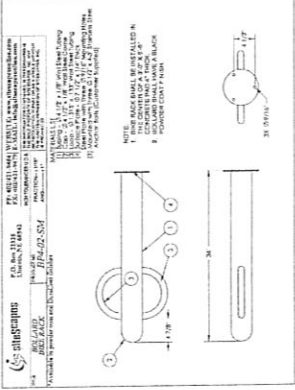
CONCRETE JOINT DETAIL

N.T.S.



6" HIGH SIDEWALK CURB DETAIL
NOT TO SCALE

Source: *U.S. Census Bureau, 1990*



NOTE: THIS DOCUMENT HAS BEEN RELEASED BY GLSSON ASSOCIATES FOR REVIEW BY REGULATORY AGENCIES, AND OTHER PROFESSIONALS, AND IS SUBJECT TO CHANGE. THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION.

REVISIONS	20 PARL 1818 RT	STORE	CONSTRUCTION	B. LANG	SCALE	N/A	1.18.12	SHAWING DET	12 OF 25	C5
		DEVELOPMENT	R. HALDER	SHAWN ST						

GENERAL NOTES

- All work shall be coordinated with the work of other trades.
- Locate and flag all underground utilities prior to any construction. Contractor shall protect existing overhead and underground utilities. Any damage to such shall be repaired by the Contractor at no expense to the Owner.
- Plants and other materials are quantified and summarized for the Contractor to procure. The Contractor shall confirm and install sufficient quantities to complete the work as shown.
- Plan is subject to change based on plant size and material availability. All changes shall be approved by the City of Lakewood, Colorado and the Landscape Architect.
- All plant material shall be nursery grown to meet minimum size as specified in the American Standard for Nursery Stock established by the American Nursery & Landscape Association (ANLA). The Landscape Architect or owner's representative reserves the right to reject any plant material not meeting specifications.
- All trees shall be cultivated and any undamaged trees shall be selected. Specified caliper measurement for trees shall be measured at 12" above the grade.
- Planting of trees, shrubs, sodded and seeded lawns shall be commenced during either the Spring (March 15-June 15) or Fall (September 1 - October 15) planting season and with water available for irrigation purposes.
- The Landscape Contractor shall remove all construction debris and materials injurious to plant growth from planting pits and beds prior to backfilling with planting mix.
- A pre-emergent herbicide shall be applied to all shrub beds prior to the installation of any plant material.
- Unless called out as otherwise, all landscape planting areas, including turf areas and tree areas shall be mulched a minimum of 3"-4" deep with 1"-2" diameter round river rock, or approved equal.
- All areas specified to contain river rock mulch shall include a geotextile weed barrier fabric.
- Sodded areas as noted on landscape plans.
- All landscape areas and sod areas shall be irrigated with a high-efficiency, drip or micro-sprinkler system. The irrigation system shall be designed by a Professional Engineer, Landscape Architect, or a designer certified CLT-E or QD to meet all requirements in a sodded area.
- Landscape Contractor is to be responsible for watering all plant materials until the plants are established. It is understood that the Contractor will be responsible for the maintenance of the project has taken place. Any material which dies, or deteriorates (prior to acceptance of the work) will be promptly removed and replaced.
- The Contractor will completely guarantee all work for a period of one year from the date of completion of the project. The Contractor shall make all replacements promptly (on per direction of owner).

SODDING NOTES

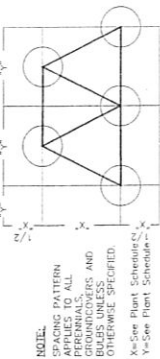
- All lawn areas shall be sodded with Turf-Type Tall Fescue Sod with a minimum of 3 cultivars. All lawn areas shall receive a minimum 6-inch depth of topsoil compared to 85% minimum density at optimum moisture content.
- The entire surface to be sodded shall be reasonably smooth and free from stones, roots, or other debris.
- Sod shall be moisture striped at a uniform soil thickness of approximately one inch (plus or minus 1/4 inch) and laid in a staggered pattern. Sod shall be laid in a staggered pattern and laid at the time of cutting in the field. Precautions shall be taken to prevent drying and heating. Sod damaged by heat and dry conditions, and sod cut more than 18 hours before being incorporated into the work shall not be used.
- Handling of sod shall be done in a manner that will prevent tearing, breaking, drying and other damage. Protect exposed roots from dehydration. Do not deliver more sod than can be laid within 24 hours.
- Moisten prepared surface immediately prior to laying sod. Water thoroughly and allow surface to dry before installing sod. Fertilize, hoe or rake fertilizer in the top 1-1/2 inches of topsoil, at a uniform rate of one pound of Nitrogen per 1000 S.F.
- Sod shall be carefully placed in the direction parallel with the slope of the area to be sodded. Sod strips shall be butted together but not overlapped with the seams staggered on each row.
- Fertilizer shall be 20-10-5 commercial fertilizer of the grade, type, and form specified and shall comply with the rules of the Colorado Dept. of Agriculture. Fertilizer shall be identified according to the percent N, P, K, in that order.
- All Sod on slopes greater than 5:1 and within detention areas shall be staked.
- Saturate sod with fine water spray within two hours of planting. During first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of four inches below sod.
- Contractor shall provide full maintenance for sodded turf grass for a period of 30 days after the date of Final Acceptance, or store opening, whichever is greater. At the end of the maintenance period, a healthy, uniform lawn shall be established. The turf grass shall be free of weeds, open joints, bare areas, and surface irregularities.

SOIL AMENDMENTS

Backfill all planting beds to a minimum 12-inch depth with planting soil mix. Planting soil mix shall consist of one (1) part peat, one (1) part peat moss, and two (2) parts clean loam topsoil. Thoroughly till planting soil components prior to placement. City minimum soil amendment requirements per 1000 square feet of landscape area:

High water plantings— 3 Cu. Yards
 Very Low water plantings— 1 Cu. Yards
 Dryland and Native establishment areas— None Required.

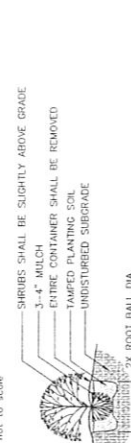
The Landscape Installer must certify that the soil amendments have been installed in accordance with the requirements of this Chapter and in accordance with the submitted plans.



3 Groundcover Layout Detail
not to scale



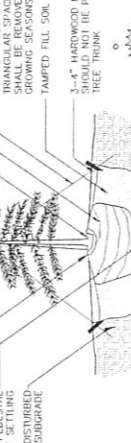
4 Mow Strip Detail
not to scale



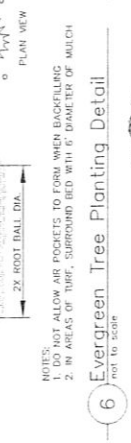
5 Shrub Planting Detail
not to scale



6 Evergreen Tree Planting Detail
not to scale

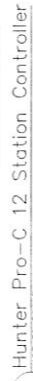


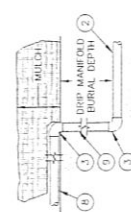
7 Deciduous Tree Planting Detail
not to scale



8 Steel Landscape Edging Detail
not to scale



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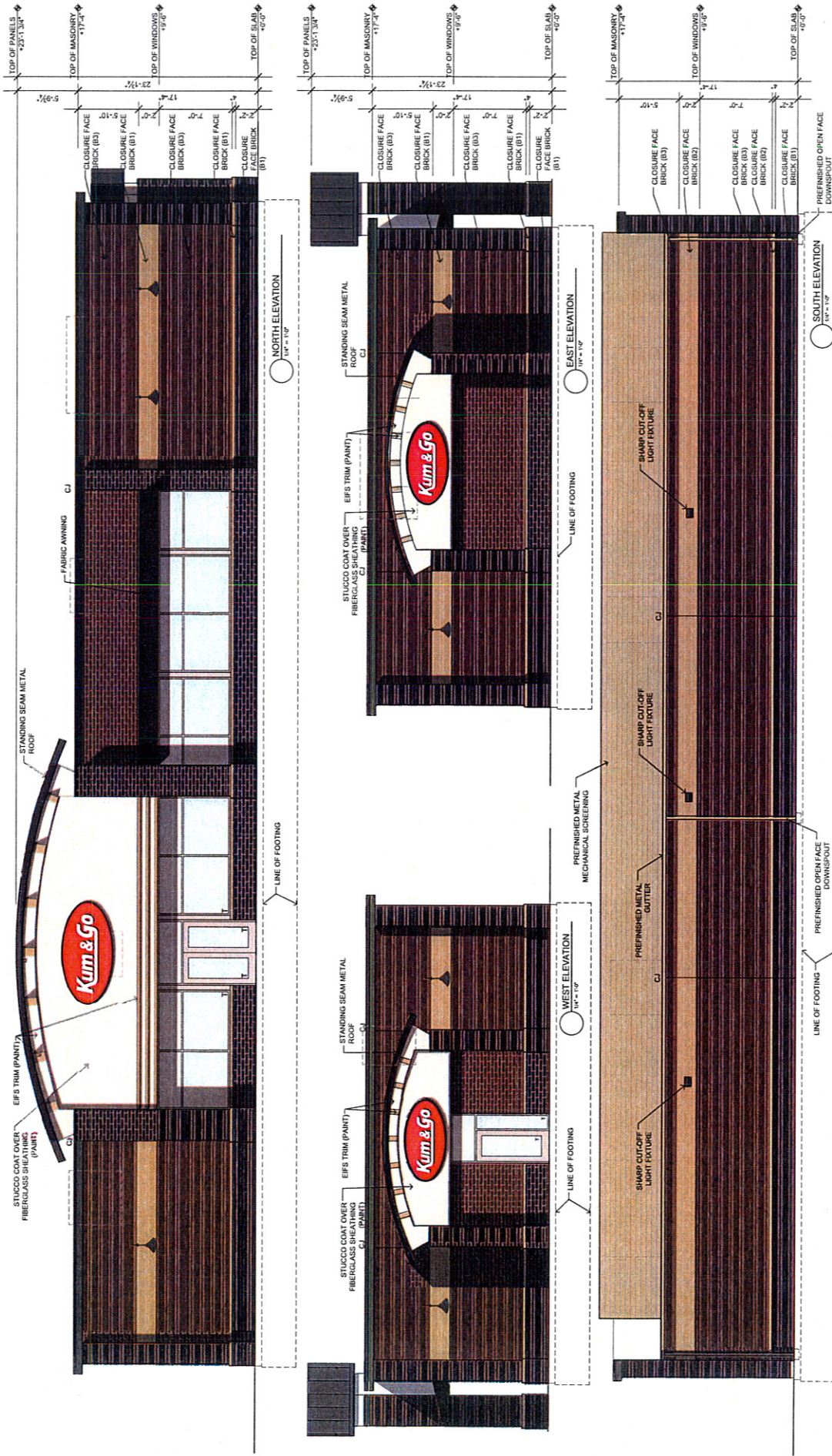


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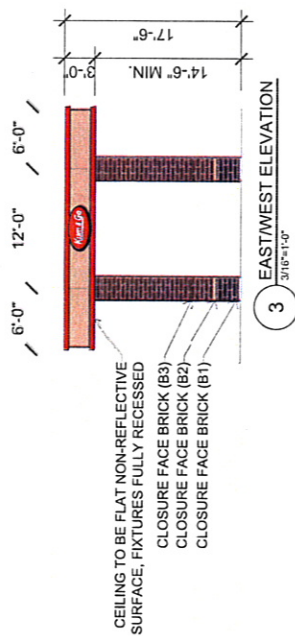
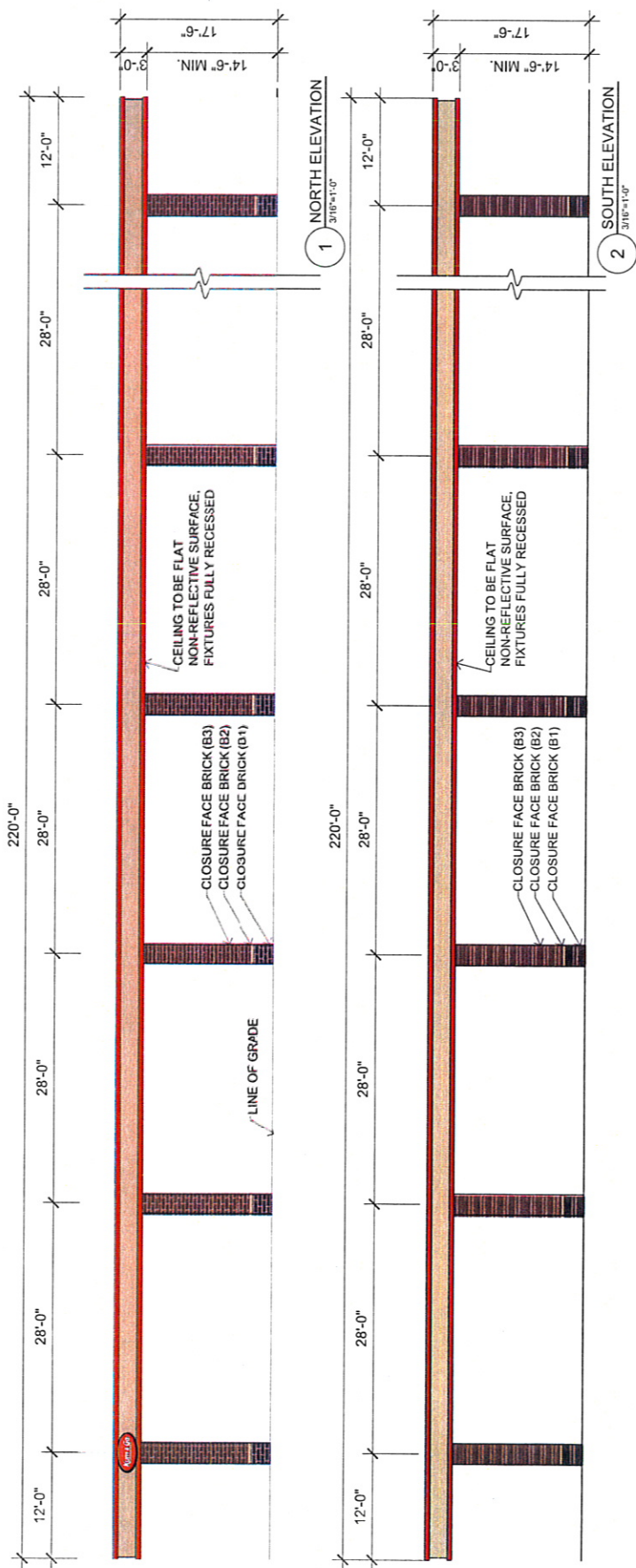


Rain Bird XF Series Dripline



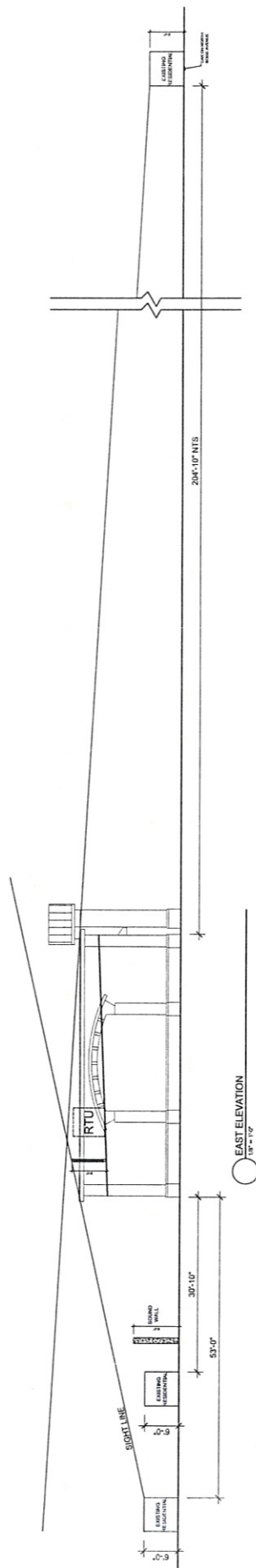
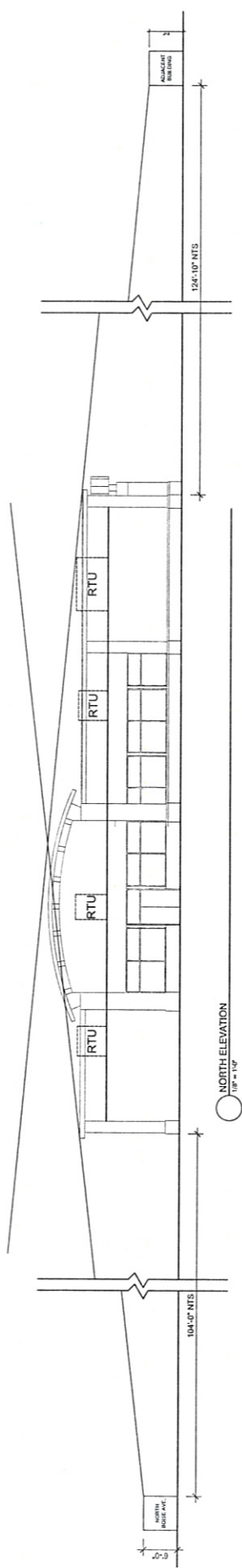


KUM & GO #995 LOVELAND, COLORADO SHIFFLER ASSOCIATES ARCHITECTS, P.L.C.



KUM & GO # 995 LOVELAND, COLORADO

SHIFFLER ASSOCIATES ARCHITECTS, P.L.L.C.



KUM & GO #995 LOVELAND, COLORADO
SHIFFLER ASSOCIATES ARCHITECTS, P.L.C.



Luminaire Schedule			Arrangement			Description			Illuminance/amp			Air Lum. Lumens			Air Watts		
	Qty	Symbol															
	7		G	SINGLE	AD-150-10-CW-LED-UE-DWT-UD	1,000	1,000	1	1,000	1	700	1	84				
	3		F	SINGLE	CS N DIR CT - BATTERY BACK-UP LIGHTING	1,000	1,000	1	1,000	1	700	1	84				
	1		E	SINGLE	DM2 W80 400 PS10U F	1,000	1,000	1	1,000	1	700	1	84				
	13		D	SINGLE	XS2-5-LED-50-CW-UE	1,000	1,000	1	1,000	1	700	1	84				
	1		C	SINGLE	W80S-3-1-1-10T-4B-450-CW-UE	1,000	1,000	1	1,000	1	700	1	84				
	1		B	SINGLE	W80S-3-1-1-10T-4B-450-CW-UE	1,000	1,000	1	1,000	1	700	1	84				
	18		A	SINGLE	W80S-3-1-1-10T-4B-450-CW-UE SINGLE ON 16 POLE + 2" BASE	1,000	1,000	1	1,000	1	700	1	84				

The splitting pattern represents distribution trends calculated from identifier data generated by the model. The model assumes that the most likely source of the data is the source that has the highest number of active correct security standard test ratings in the relevant category. The model also assumes that the most likely source of the data is the source that has the highest number of active correct security standard test ratings in the relevant category. The model also assumes that the most likely source of the data is the source that has the highest number of active correct security standard test ratings in the relevant category.