STAFF REPORT FOR THE HISTORIC RESOURCES COMMISSION MEETING OF SEPTEMBER 10, 2020

FILE NO: HRC-2020-0025 AGENDA ITEM: F-1

STAFF CONTACT: Hope Sullivan, AICP, Planning Manager

AGENDA TITLE: For Possible Action: Discussion and possible action regarding a request to construct a patio, trash enclosure, shed, screen wall, and fencing, as well as install signage on property zoned Downtown Mixed Use (DT-MU), located at 418 South Carson Street, APN 003-116-05. (Hope Sullivan, hsullivan@carson.org)

STAFF SUMMARY: The subject property is the Bank Saloon. The applicant is proposing a 900 square foot patio, a trash enclosure, a shed and screen wall with associated fencing and landscaping. The applicant is also proposing to install signage. The Commission will review the request for compliance with the guidelines for the historic district.

RECOMMENDATION: I move to approve HRC-2020-0025, based on the finding that the request is consistent with the design guidelines for the historic district and the Secretary of the Interior Standards as noted in the staff report.

VICINITY MAP



CONDITIONS OF APPROVAL IF THE COMMISSION APPROVES THE REQUEST:

- 1. All development shall be substantially in accordance with the attached site development plan.
- 2. All on and off-site improvements shall conform to city standards and requirements.
- 3. The use for which this permit is approved shall commence within 12 months of the date of final approval. An extension of time must be requested in writing to the planning and community development department 30 days prior to the 1 year expiration date. Should this request not be initiated within 1 year and no extension granted, the request shall become null and void.
- 4. The applicant must sign and return the notice of decision within 10 days of receipt of notification. If the notice of decision is not signed and returned within 10 days, then the item will be rescheduled for the next historic resources commission meeting for further considerations.

LEGAL REQUIREMENTS: CCMC 18.06.015 (Procedure for Proposed Project)

MASTER PLAN DESIGNATION: Downtown Mixed Use

ZONING: Downtown Mixed Use

PREVIOUS REVIEWS:

HRC-19-059: Rehabilitation of the Bank Saloon

MPR-19-033: Rehabilitation of the Bank Saloon

AB-18-173: Abandonment of a portion of 5th Street

H-03/04-4: Review of the structural integrity

DISCUSSION:

The subject building was constructed in 1899. The building was formerly Jack's Bar. Based on the HRC's 2019 approval, the building is being rehabilitated so as to make it functional as a bar and office, while retaining the character defining features of the building.

Character defining features of the building include:

<u>Walls:</u> The walls of the structure are sandstone block, laid in courses on the east and south sides, and randomly laid on the west side.

Roof / Parapet: The roof is flat and is surrounded by a low parapet which steps up from the rear and includes three non-functioning chimneys on the south wall.

<u>The Entrance</u>: The entrance is located on the southeast corner of the building. It was a single door with a glass upper plate surrounded by side lights and a transom light.

<u>Southside Elevation</u>: The south elevation included a stone wall with three chimneys. It also has four window openings, with one over one window panes. It has two door openings, with transom lights.

<u>Pilasters</u>: The windows and entry way are bordered by cast iron pilasters.

The applicant is now seeking to make improvements in the rear of the building. When reviewed by the HRC in May 2019, the applicant had proposed a wooden trellis in the rear of the building. The applicant has refined the plan for the rear of the building to include fencing, a 900 square foot patio, a trash enclosure, a shed, and a screen wall. The applicant is also proposing signage. Note of these improvements will result in a modification to the existing building. All improvements can be removed and the building will still be intact.

The applicant also owns the lot to the west of the Bank Saloon. The applicant is constructing a parking lot on that lot, including installing lighting and signage. That lot is NOT in the historic district.

Secretary of the Interior Standards for Rehabilitation

Per the Secretary of the Interior standards for rehabilitation, rehabilitation is defined as the process of returning a property to a state of utility, through repair or alteration, which makes possible an efficient contemporary use while preserving those portions and features of the property which are significant to its historic, architectural and cultural values.

The standards for rehabilitation are as follows:

1. A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces and spatial relationships.

To a large extent, the use of a bar and office will be substantially the same as its most recent use, and there will be minimal change to the character defining features and spatial relationships. The exterior improvements to the rear of the building are intended to allow the function of the building as was historically used. Specifically, a trash enclosure to secure trash, a shed for dry goods due to limited storage on site, and a patio to accommodate more customers.

2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.

To a large extent, the character defining features of this building will be retained. The proposed improvements to the rear of the building are detached from the building and are not located on a primary façade.

3. Each property will be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

The proposed improvements to the rear of the building will not create a false sense of historical development. They will be modern improvements that will not be confused with the original construction.

4. Changes to a property that have acquired historic significance in their own right will be retained and preserved.

The applicant is retaining the character defining features, specifically the sandstone block

walls, the roof and low parapet, the entrance, the south elevation including the recessed doors and windows, fenestration, and window details, and the pilasters.

5. Distinctive materials, features, finishes and construction techniques or examples of craftsmanship that characterize a property will be preserved.

The applicant is retaining the character defining features, specifically the sandstone block walls, the roof and low parapet, the entrance, the south elevation including the recessed doors and windows, fenestration, and window details, and the pilasters.

6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

The proposed improvement to the rear of the building will not address any deteriorated historic features.

7. Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.

The proposed improvements to the rear of the building will not involve any chemical or physical treatments.

8. Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.

There are no known archeological resources associated with this project.

9. New additions, exterior alterations, or related new construction will not destroy historic materials, features and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale, proportion, and massing to protect the integrity of the property and its environment.

Proposed new additions and exterior alterations are limited to the patio, fencing, a screen wall, a shed, and a trash enclosure. All improvements will be to the rear of the building. The shed will utilize wood recovered from the interior of the building. None of the improvements will create confusion with the original building or compromise the integrity of the building.

10. New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

The adjacent development (shed, fencing, screen wall, trash enclosure) are proposed to be constructed in a manner that if removed, the integrity of the historic property would be unimpaired.

Carson City Development Standards

5.26 - Guidelines for additions to historic buildings.

The primary objective of the Carson City historic resources commission (HRC) is to protect and maintain the integrity of the historic resources in the historic district. However, the commission is committed to provide for the development of these resources in such a manner that does not impair their utility. It is recognized that additions are often

necessary for a historic building to become functional in a modern context. It is also recognized that additions must be designed to be compatible and not detract from the building, its immediate surrounding or the district as a whole.

- 5.26.1 Guidelines for Additions to Historic Buildings. Additions to historic buildings need to be compatible in their configuration, design, style, scale, materials and architectural details with the distinctive character defining elements of the building. Additions shall be done in such a manner that they do not destroy significant original historical or architectural material, and if removed in the future, will not impair the essential form and integrity of the building nor damage historic fabric. Additions which seek to create an earlier appearance shall not be approved. Additions which are obviously incongruous to the building, or buildings in the immediate vicinity, or the district shall not be approved. (Standard Number: 9, 10)
- 5.26.2 Guidelines for Additions to Nonhistoric Buildings. Additions to non-historic buildings in the district will be treated in the same manner as additions to historic buildings, except that maintaining original building fabric will not be a consideration.

The applicant is proposing a screen wall to screen the wall of the neighboring building to the north. This wall will not compromise the existing building.

The applicant is also proposing to construct a shed, a trash enclosure and a patio to the rear of the existing building. None of these improvements will compromise significant original historical or architectural material, nor will they seek to create an earlier appearance. Thus, these improvements to the rear of the property will be consistent with the guidelines.

5.24 - Guidelines for fences.

Fences serve a variety of purposes for a property owner. They can define property lines, provide security and protection from trespass, furnish safety for children and pets, provide visual screens for privacy and serve as protection from the elements. The design of a fence is a critical element in the overall visual quality of a property and how it relates to its neighbors. It can also be important from a public safety standpoint, particularly on corner lots. Typically, front yards in the district were delineated by low profile, wood picket style fences. A few metal and masonry fences can be found as well.

A fence design must be considered in context. Scale, rhythm, material and style are the critical design elements of a fence. The fence design must be compatible with the building as well as with the surrounding property. A fence can provide a delicate design element which will greatly enhance a property.

- 5.24.1 Guidelines for Historic Fences. Original fences must be retained and repaired whenever possible. When reconstruction is necessary, the original fence must be matched in color, material, size, scale, texture and composition. New fences should emulate historic styles and designs found in the district. (Standard Number: 2, 4, 5, 6). In accordance with this requirement, and unless an exemption is granted under circumstances deemed appropriate at the discretion of the historic resources commission, when reconstruction of a fence occurs:
- a. The historic characteristics of the property must be preserved, including, without

limitation, any distinctive feature, finish, construction technique or craftsmanship and any individual feature not originally part of the property but which, over time, has acquired historic significance.

- b. The removal of any historic feature or finish, or the modification or alteration of any such material, feature or finish that contributes to the historic character of the property, is prohibited.
- c. A deteriorated feature or finish must, whenever possible, be repaired in lieu of replacement.
- d. A historic feature or finish that has severely deteriorated or is otherwise in a state of disrepair such that replacement in lieu of repair is necessary, the replacement feature or finish must, to the greatest extent possible, match the original feature or finish in material, design, color, texture and all other visual aesthetics.
- 5.24.2 Guidelines for New Fences. The appropriate design for a new fence must be determined by its intended function and its location. A new fence must not be constructed in any manner which adversely affects the primary views of any building. A fence should consist of a design that will enhance the overall visual presentation of a building and be made from material which is traditionally associated with fences located within the historic district, including wood, wrought iron, decorative woven wire and, in limited circumstances, masonry. A fence should also contribute to the character and defining features of any building in a positive manner. (Standard Number: 9) Unless an exemption is granted under circumstances deemed appropriate at the discretion of the historic resources commission, the use of vinyl for the construction of a new fence is prohibited. If material other than material which is traditionally associated with fences located within the historic district is proposed to be used for the construction of a new fence, the person proposing the use of such material must include in his or her application to the historic resources commission an explanation describing how the material to be used is:
- a. Compatible with the massing, size, scale and existing architectural and construction materials of the property and the property site.
- b. More compatible with the property and the property site than if material which is traditionally associated with fences located within the historic district is used.
- c. Consistent with the historical features of the property and the property site.
- d. Consistent with the massing, size, scale and existing architectural and construction materials used within the historic district.

The applicant proposes to install a three-foot-tall iron fence in the rear of the property along the southern property line and going onto the property to the west so as to enclose the parking lot. The fence will not adversely affect any primary views of the building.

The iron fence is consistent with fence materials found in the district.

5.23 - Guidelines for signs.

Signs in the Historic District are governed by both this Division and Division 4 of the

Development Standards. Signage in the Historic District is generally concerned with the conversion of original residential buildings to light office use or with new buildings which have been constructed as commercial buildings in a style compatible with the basic residential nature of the district.

All signs must have an appearance, color, size, texture and design which conform to the sign codes and to the historic character of the district. Signs should also closely match stylistically with the architectural style of the building. Additionally, the location and/or method of attachment of the sign will be considered. The HRC will review all sign applications within the context of the building and the location in the district.

The applicant is proposing two projecting signs. A third sign will be on the parcel to the west, which is not in the historic district. The sign on the Carson Street frontage is proposed to be three feet by two feet and will be wood with vinyl lettering. A second sign along West Fifth Street will be an acrylic faced sign, 14 inches by 14 inches.

Both signs are in compliance with the provisions of Division 4. Staff also finds that the signs, as proposed, are understated, and will not detract from the historic resource.

Attachments:

Application (HRC -2020-0025)

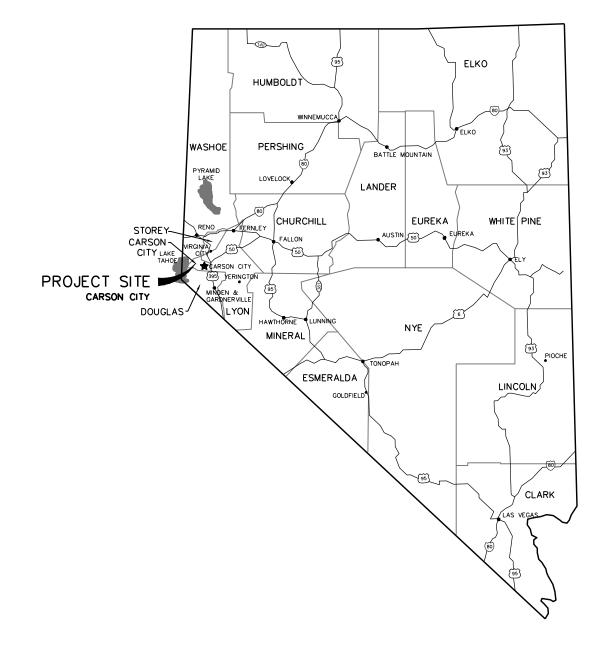
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Briefly describe the work to be performed requiring Historic Resources Commission review and approval. In addition to the brief description of you project and proposed use, provide additional page(s) to show a more detailed summary of your project and proposal. NOTE: The Historic Distric Ordinance and Historic District Design Guidelines, as well as Policy Statements, are available in the Planning Division to aid applicants in preparing the plans. If necessary, attach additional sheets. The proposed work includes a 900 square foot patio, trash enclosure, shed & screen wall, parking lot with associated fencing, electrical and landscaping.	Project's Master Plan Designation	Project's Current Zoning		Nearest Major Cross Street(s)
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lot with associated fencing, electrical and landscaping.	project and proposed use, provide additional Ordinance and Historic District Design Guidelir plans. If necessary, attach additional sheets.	page(s) to show a more detailed s nes, as well as Policy Statements, ar	summary of your p e available in the F	project and proposal. NOTE: The Historic Distric Planning Division to aid applicants in preparing thei
	The proposed work includes a	i 900 square foot patio, t	rash enclosu	ure, shed & screen wall, parking
Page 1 of 6	lot with associated fencing, ele	ctrical and landscaping.		
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Table 100 100 100 100 100 100 100 100 100 10	1.00
Reason for project:	
In support of the Bank Saloon	
Will the project involve demolition or relocation of any structure within or into	the Historic District?
SUPPORTING DO	DCUMENTATION
Each application requires one complete original packet and the plan and drawings showing work to be performed on the subseptive approval. This is any work which will affect the exterior of a walls, or major landscaping. The name of the person responds on each sheet.	pject project which requires Historic Resources Commission any structure and any modifications to the site, i.e., fences,
After the initial review and acceptance of your application by project to the Historic Resources Commission.	staff, an additional 14 copies will be required to present your
Attached is a Plan Checklist to aid preparation of plans and a may not be included in all projects. The list is intended to Commission on those items which are included in the sub discussion, but are not acceptable as substitutes.	give the applicant an idea of the breadth of review by the
Aug L	Aut
Owner's Signature	Applicant's/Agent's Signature
AARON WEST	AARON LICET
Owner's Printed Name	Applicant's/Agent's Printed Name

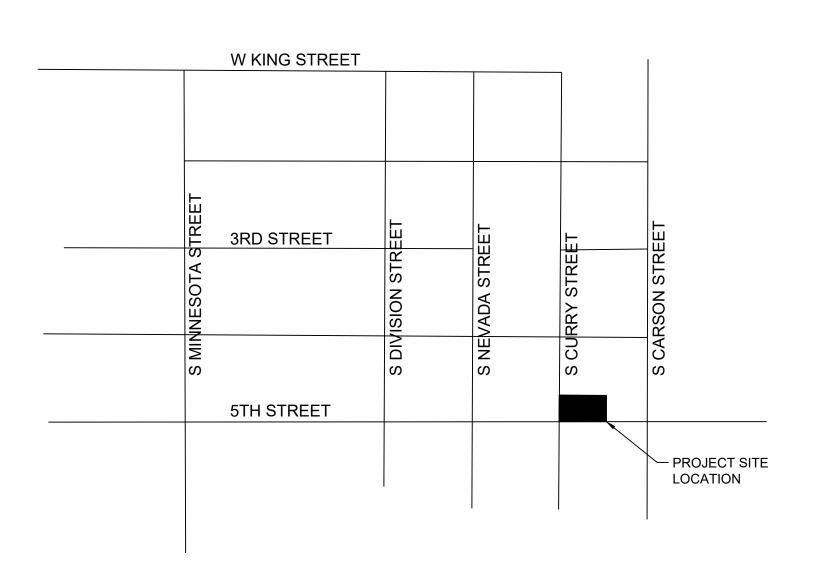
Page 2 of 6

BANK SALOON PARKING LOT

APN: 003-116-06



LOCATION MAP



VICINITY MAP



ENGINEER

308 N. CURRY ST., STE. 200 CARSON CITY, NEVADA 89703 TEL: 775.883.7077



OWNER/DEVELOPER

ATTN: AARON WEST

NEVADA BUILDERS ALLIANCE

1000 N. DIVISION, SUITE 102

CARSON CITY, NV 89703

Know what's below.

Call before you dig.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS NEVADA STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83(94) CARSON CITY DATUM BASED UPON REAL TIME KINEMATIC GPS OBSERVATIONS, OBSERVED 01/27/2020 USING A SURVEY GRADE DUAL FREQUENCY GPS RECEIVER FROM CC082 MODIFIED BY A COMBINED FACTOR OF 1.0002, SCALED FROM 0.00N ,0.00E AND CONVERTED TO U.S. SURVEY FEET. ALL DIMENSIONS ON THIS MAP ARE GROUND DISTANCES.

BASIS OF ELEVATIONS

DATUM: NAVD 88
PROJECT BENCHMARK = CC082
HAVING AN ELEVATION OF 4677.12'

LUMOS & ASSOCIATES 308 N. CURRY ST., STE. 200 CARSON CITY, NV 89703

CARSON CITY, NV 89703 TEL: 775.883.7077 WWW.LUMOSINC.COM

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BY NEVADA BUILDERS ALLIANCE		BANK SALOON	DARKING I OT			CARSON CITY NV	
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SHEET INDEX:

TITLE SHEET	C1.0
PROJECT NOTES AND INDEX SHEET	_C1.1
DEMO PLAN	_C2.0
SITE PLAN	_C3.0
DETAILS	_D1.0
DETAILS	_D1.1
DETAILS	D1 2

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EDGE OF PAVEMENT

AC PAVING TO BE REMOVED

ELECTRIC BOX

ELECTRIC METER

ELECTRIC GENERATOR

ELECTRIC MANHOLE

 $\mathsf{GV} \bowtie$

GM □

тв 🗖

_____ EX GAS _____ ___

AIR CONDITIONER AC 🛛 ELECTRIC OUTLET BOLLARD STORM DRAIN MANHOLE / DROP INLET CATCH BASIN WATER VALVE

IRRIGATION CONTROL VALVE WATER WATER SPIGOT / HOSE BIB WATER **MANHOLE** WATER VAULT FIRE HYDRANT GAS VALVE GM □ **GAS METER** TELEPHONE MANHOLE

EB 🗖

ЕМ □

EG

TELEPHONE BOX TELEPHONE VAULT SEWER MANHOLE SEWER CLEANOUT SURVEY MONUMENT

CONTROL POINT BARRICADE _ _ _ SIGN -0 -0 0 **RETAINING WALL** ·000000 FENCE _____ ____ x ___ **GRADE BREAK** FLOW LINE

> SOIL TEST PIT **DETAIL CALLOUT** COMM LINE GAS LINE —— GAS ——— **ELECTRIC LINE** SEWER LINE

_____ EX SS _____ WATER LINE AIR LINE STORM DRAIN RECLAIMED WATER LINE ---- REC WL ---------- REC WL ------

FOUND SECTION CORNER AS NOTED FOUND 5/8" REBAR AND CAP "PLS 14413" - UNLESS

17616" - UNLESS OTHERWISE NOTED

OTHERWISE NOTED SET 5/8" REBAR AND CAP "PLS

ABBREVIATIONS

ASPHALT CONCRETE ACP ASBESTOS CEMENT PIPE AGG AGGREGATE BEGIN CURVE (HORIZONTAL) NTS OC BOTTOM OF WALL **BOTTOM OF FOOTING** OD ОН **BUTTERFLY VALVE** BVC BEGIN VERTICAL CURVE **PCC** BACK OF WALK CATCH BASIN PG CUBIC FEET PER SECOND **PIVC** CUBIC FEET C&G CURB AND GUTTER **POCC** CENTER LINE POT CLASS / CENTER LINE CMP CORRUGATED METAL PIPE COMP COMPACTION PRVC CONC CONCRETE **CONTR** CONTRACTOR **PVMT** CP CONCRETE PAD Q 5 CTV CABLE TELEVISION Q 100 **DROP INLET** DIAMETER DWY DRIVEWAY EAST RET **END CURVE (HORIZONTAL) ELBOW** R/W, ROW **ELECTRICAL ELEV** ELEVATION EVC END VERTICAL CURVE EX, (E) **EXISTING SDMH EXTERIOR** FCA FLANGE COUPLING ADAPTER SS FΕ FINISH ELEVATION SSCO FES FLARED END SECTION SSMH FINISH FLOOR **SSPWC** FFC FRONT FACE OF CURB FINISH GRADE STA FIRE HYDRANT SW FLOW LINE TELE FLANGE TBO FEET PER SECOND TC FTG FOOTING TG TOB **GALV** GALVANIZED TF, TOF GRADE BREAK TOW **GDW GRAVEL DRIVEWAY** TS GROUND TSCB GATE VALVE TR HANDICAPPED **TRANS** HYDRAULIC GRADE LINE TYP **HORIZ HORIZONTAL** UG/P HIGH POINT UNO **INSIDE DIAMETER** INVERT ELEVATION INTERSECTION IRRIGATION **VERT** LATERAL LINEAR FEET **LOW POINT** W/G LEFT



MAXIMUM

MANHOLE

MINIMUM

MAXIMUM DRY DENSITY

MAXIMUM MARSHALL DENSITY

MANUAL FOR TRAFFIC CONTROL DEVICES

MECHANICAL JOINT

MAX

MDD

МН

MIN

MMD

MUTCD

Know what's below. Call before you dig.

NOT A PART

ON CENTER

OVERHEAD

PROPOSED

PAD GRADE

PROPERTY LINE

POWER POLE

PAVEMENT

REFERENCE

CURB RETURN

RADIUS POINT

RIGHT-OF-WAY

STORM DRAIN

STREET LIGHT

SANITARY SEWER

CONSTRUCTION

STATION

SIDEWALK

TO GRADE

TOP OF BERM

TOP OF WALL

TOP OF RAIL

TRANSITION

TYPICAL

VELOCITY

VERTICAL

WEST

YEAR

WL

WM

WS

WV

WWF

ΥR

TOP OF FOOTING

TRAFFIC SIGNAL

VERTICAL CURVE

VALLEY GUTTER

WATER AND GAS

WATER SURFACE

WELDED WIRE FABRIC

WATER LINE

WATER METER

WATER VALVE

TELEPHONE

STORM DRAIN MANHOLE

SANITARY SEWER CLEAN OUT

TEMPORARY BLOW OFF VALVE

TRAFFIC CONTROL SIGNAL BOX

UNDER GROUND POWER

UNLESS NOTED OTHERWISE

VELOCITY AT 5 YEAR PEAK

TOP OF CURB, TOP OF CONC

STANDARD SPEC. FOR PUBLIC WORKS

SANITARY SEWER MANHOLE

SLOPE

SOUTH

POINT OF TANGENCY

POLYVINYL CHLORIDE

5 YEAR PEAK FLOW

100 YEAR PEAK FLOW

NOT IN PROJECT

OUTSIDE DIAMETER

PORTLAND CEMENT CONCRETE

POINT OF COMPOUND CURVATURE

POINT OF REVERSE VERTICAL CURVE

POINT OF INTERSECTION VERTICAL CURVE

POINT OF INTERSECTION

POINT OF REVERSE CURVE

REINFORCED CONCRETE PIPE

NOT TO SCALE

- 1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
- 2. THE CONTRACTOR SHALL REFER TO THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, AS ADOPTED BY THE PERMITTING ENTITY, FOR ALL DETAILING NOT SHOWN ON THESE PLANS.
- 3. CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND CURRENT NDOT or CALTRANS STANDARD PLANS/SPECIFICATIONS (STANDARD SPECIFICATIONS) AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING A PRE-CONSTRUCTION JOB SITE CONFERENCE WITH GOVERNING AGENCIES, ALL UTILITY COMPANIES, OWNER'S REPRESENTATIVES, AND THE PROJECT ENGINEER PRIOR TO COMMENCING WORK. THIS MEETING SHALL BE HELD AT LEAST FORTY-EIGHT (48) HOURS, OR TWO (2) BUSINESS DAYS, PRIOR TO THE START OF CONSTRUCTION AND SHALL COMMUNICATE SCHEDULES, CONTRACTORS MEAN AND METHODS, MATERIALS TO BE USED, AND OTHER RELEVANT MATTERS ASSOCIATED WITH THE CONSTRUCTION OF
- 5. ALL WORK EITHER DIRECTLY OR INDIRECTLY RELATED TO THE PROJECT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY SYSTEM MANAGER.
- 6. THE CONTRACTOR SHALL MAINTAIN AN ONSITE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS, ADDENDA, CHANGE ORDERS, WORK CHANGE DIRECTIVES, FIELD ORDERS, FIELD CHANGES, AND WRITTEN INTERPRETATIONS AND CLARIFICATIONS. RECORDS SHALL BE IN GOOD ORDER AND ANNOTATED TO SHOW CHANGES MADE DURING CONSTRUCTION.
- 7. CONTRACTOR SHALL PROVIDE MATERIALS AND EQUIPMENT SUBMITTALS AND/OR SHOP DRAWINGS TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO ORDERING OR INSTALLATION. A SIGNED SET OF REVIEWED SUBMITTALS MUST ALWAYS BE AVAILABLE ONSITE DURING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 1-800-642-2444 TO PROVIDE FIELD LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY PROPOSED POINTS OF CONNECTION AND IN AREAS OF POSSIBLE CONFLICT WITH NEW UTILITY INSTALLATION PRIOR TO BEGINNING CONSTRUCTION. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLAN.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROCURE ALL NECESSARY PERMITS, LICENSES, INSURANCE POLICIES, ETC. AS MAY BE NECESSARY TO COMPLY WITH LOCAL, COUNTY, STATE, AND FEDERAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK; UNLESS OTHERWISE OBTAINED BY THE OWNER.
- 11. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY. ALL TRAFFIC CONTROL OPERATIONS SHALL COMPLY WITH THE LATEST MUTCD. AT NO TIME WILL OBSTRUCTIONS BE LEFT IN THE ROADWAY DURING NIGHT HOURS. ALL TRAFFIC CONTROL PLANS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER OR ATTSA CERTIFIED PERSONNEL.
- 12. THE CONTRACTOR AGREES TO ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTROL AND THE STANDARD SPECIFICATIONS.
- 13. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618.
- 14. THE CONTRACTOR SHALL PURSUE THE WORK IN A CONTINUOUS AND DILIGENT MANNER. CONFORMING TO ALL THE PERTINENT SAFETY REGULATIONS TO ENSURE A TIMELY COMPLETION OF THE PROJECT. 15. THE CONTRACTOR SHALL MAINTAIN A CLEAN PROJECT SITE, REMOVING
- CONSTRUCTION DEBRIS AT THE END OF EACH ACTIVITY DAY. THE CONTRACTOR SHALL MAINTAIN DEBRIS FREE CONSTRUCTION ROUTES, ADJACENT STREETS AND 16. TEMPORARY CONSTRUCTION FENCING SHALL BE PROVIDED AND MAINTAINED BY
- THE CONTRACTOR THROUGHOUT THE DURATION OF THE PROJECT IN AREAS AS DELINEATED ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER. THE TEMPORARY FENCING SHALL PREVENT CHILDREN AND PETS FROM ENTERING THE CONSTRUCTION AREA, CREATE A VISUAL BARRIER OF THE CONSTRUCTION ACTIVITIES FROM THE ADJACENT RESIDENCE AND YARDS, AND PROTECT VEGETATION FROM CONSTRUCTION EQUIPMENT.
- 17. THE CONTRACTOR SHALL USE ONLY AUTHORIZED SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AND OBTAIN PROPER APPROVALS FROM THE LAND OWNER AND LOCAL GOVERNING AUTHORITY TO DO SO. CONTRACTOR SHALL BE
- RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS. 18. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. IN THE EVENT A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL HAVE THE MONUMENT REPLACED, AT HIS OWN EXPENSE, BY A LICENSED SURVEYOR IN THE STATE OF THE PROJECT SITE.
- 19. CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 7:00 AM AND 6:00 PM UNLESS OTHERWISE DICTATED BY LOCAL ORDINANCE. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE PROJECT ENGINEER TO MODIFY WORK HOURS.
- ALL FIELD CHANGES MUST BE PRE-APPROVED BY THE PROJECT ENGINEER. 21. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- 22. ALL SALVAGED MATERIALS ARE THE PROPERTY OF THE OWNER AND SHALL BE PALLETIZED ONSITE UNLESS OTHERWISE ARRANGED WITH THE OWNER AND/OR PROJECT ENGINEER.
- 23. THE OWNER IS RESPONSIBLE FOR FURNISHING QUALIFIED SITE INSPECTIONS AS REQUIRED TO COMPLY WITH LOCAL ORDINANCES. 24. A GEOTECHNICAL INVESTIGATION WAS PERFORMED ON THIS PROJECT. ALL
- RECOMMENDATIONS INCLUDED IN THE REPORT ARE HEREBY MADE A PART OF THE CONSTRUCTION DOCUMENTS UNLESS MODIFIED WITHIN THESE PLANS. INSPECTION AND TESTING DURING CONSTRUCTION SHALL BE REQUIRED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED WITHIN THE REPORT.

TITLE: XXXXX DATE: XXXXX

UNDERGROUND UTILITIES

- 25. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS NEAR OR WITHIN THE CONSTRUCTION LIMITS WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE FOR THE NECESSARY RELOCATION OF ANY UTILITY. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES INVOLVED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING WORK.
- 26. NO OTHER UTILITIES MAY BE PLACED IN A WATER OR SEWER TRENCH. 27. ALL VALVE BOXES, MANHOLE STRUCTURES, AND CLEAN OUTS SHALL BE MARKED
- AND ACCESSIBLE AT ALL TIMES.

- - 28. CONTRACTOR SHALL SUPPORT TRENCH SIDEWALLS IN ACCORDANCE WITH ALL APPLICABLE LAWS AND GOVERNING SAFETY REGULATIONS. SHEETING OR SHORING SHALL CONFORM TO LOCAL REGULATIONS AND OSHA STANDARDS.
 - 29. ENDS OF UNFINISHED PIPE SHALL BE SEALED AT THE END OF EACH DAY
 - 30. PIPE SHALL BE LAID IN THE UPHILL DIRECTION, WITH BELL ENDS UPHILL 31. THE CONTRACTOR SHALL COORDINATE ALL WATER MAIN SHUT DOWNS AND TIE-INS WITH THE WATER UTILITY A MINIMUM OF FORTY-EIGHT (48) HOURS OR TWO (2) BUSINESS DAYS IN ADVANCE.
 - 32. ALL UNDERGROUND VALVES, TEES, FITTINGS, ETC. LARGER THAN 2" SHALL BE COATED TO PROTECT AGAINST CORROSION.
 - 33. ALL WATER PROJECT MATERIAL (PIPES, VALVES, LATERALS AND APPURTENANCES) SHALL BE LEAD FREE AND MEET THE MINIMUM REQUIREMENTS OF THE NEVADA ADMINISTRATIVE CODE AND NSF/ANSI 61.
 - 34. ALL THRUST BLOCKS SHALL BE INSPECTED PRIOR TO BACK-FILL.
 - 35. ALL BOLTS AT THRUST BLOCKS AND VALVE SADDLES SHALL BE COVERED WITH VISQUEEN AND TAPED PRIOR TO CONCRETE PLACEMENT.
 - 36. THE WATER MAINS SHALL NOT BE PLACED INTO SERVICE UNTIL: a. THE WATER MAIN HAS BEEN DISINFECTED IN ACCORDANCE WITH AWWA, NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION (NDEP), THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS STANDARDS.
 - b. THE DISPOSAL OF ANY SPENT CHLORINE SOLUTIONS MUST BE COORDINATED WITH NDEP'S BUREAU OF WATER POLLUTION CONTROL.
 - c. ANALYSIS OF THE WATER MAIN WHICH INDICATE THAT THE WATER MEETS PRIMARY DRINKING WATER STANDARDS FOR COLIFORM BACTERIA (ABSENT FOR COLIFORM BACTERIA) HAVE BEEN OBTAINED AND REPORTED TO NDEP'S BUREAU OF SAFE DRINKING WATER. SAMPLING SHALL BE IN ACCORDANCE WITH NDEP REGULATIONS.
 - 37. PVC PIPE SHALL BE TESTED PER AWWA C605 AND DUCTILE IRON PIPE SHALL BE TESTED FOR AWWA C600. OTHER MATERIALS SHALL BE TESTED PER REQUIREMENTS IN THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION SECTION
 - 38. CONTRACTOR SHALL CONDUCT PIPING TESTS BEFORE JOINTS ARE COVERED AND AFTER THRUST BLOCKS HAVE HARDENED SUFFICIENTLY. FILL PIPELINE 24 HOURS BEFORE TESTING AND APPLY TEST PRESSURE TO STABILIZE SYSTEM. USE ONLY POTABLE WATER.
 - 39. CONTRACTOR SHALL PERFORM PLASTIC PIPE BALL AND MANDREL TEST ON NEWLY INSTALLED SEWER PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - 40. CONTRACTOR SHALL PERFORM AIR PRESSURE TESTING ON NEWLY INSTALLED SEWER PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS.

GRADING, EXCAVATION & SURFACE IMPROVEMENTS

- 41. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THEIR OWN QUANTITY TAKE-OFF AND SHALL BUDGET THE PROJECT ACCORDINGLY. ALL EXCESS GRADING MATERIALS SHALL BE DISPOSED OF OFFSITE.
- 42. ALL EARTHWORK ACTIVITIES SHALL BE IN ACCORDANCE WITH THE PROJECT'S
- GEOTECHNICAL REPORT. 43. THE SOILS ENGINEER SHALL APPROVE ALL EARTHWORK AND GRADING TO CONFIRM
- COMPACTION REQUIREMENTS ARE MET. 44. CONTRACTOR SHALL PROTECT EXISTING PAVING, CONCRETE, LANDSCAPING, FENCING, MAILBOXES, SIGNS AND ANY OTHER IMPROVEMENTS NOT SPECIFICALLY CALLED OUT FOR REPLACEMENT. CONTRACTOR SHALL REPAIR/REPLACE ANYTHING DAMAGED BY FORCES UNDER THEIR EMPLOY OR CONTRACT.
- 45. ALL ASPHALT CONCRETE SURFACES SHALL BE SAWCUT THREE FEET MINIMUM INSIDE THE EDGE OF PAVEMENT TO A NEAT, STRAIGHT LINE AND REMOVED. THE EXPOSED PAVEMENT TIE-IN EDGES SHALL BE METICULOUSLY CLEANED OF ALL LOOSE MATERIAL AND THEN TREATED WITH BITUMINOUS EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIALS SHALL BE GRADED AND RECOMPACTED PRIOR TO PAVING.

ENVIRONMENTAL

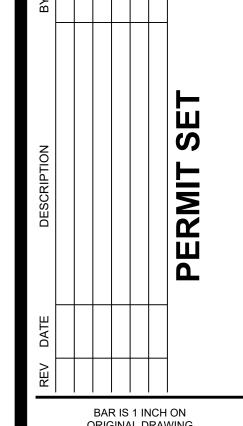
- 46. ALL CONSTRUCTION SHALL BE PERFORMED IN COMPLIANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES). CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AND MAINTAINING A SWPPP.
- 47. INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION AND SILTATION FROM ENTERING THE STORM DRAIN SYSTEM, NATURAL DRAINAGE COURSES, AND/OR INTRUDING UPON ADJACENT ROADWAYS AND PROPERTIES, EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE INTENDED AS A GUIDE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED AND SHALL NOT BE LIMITED TO WET WEATHER PERIODS.
- THE CONTRACTOR IS RESPONSIBLE FOR SWPPP UPDATES. 48. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING DUST CONTROL PROGRAM INCLUDING WATERING OF OPEN AREAS, TO CONFORM WITH THE LATEST FEDERAL, STATE, AND COUNTY AIR POLLUTION REGULATIONS. CONTRACTOR IS RESPONSIBLE
- FOR OBTAINING AND UPDATING DUST CONTROL PERMITS FOR THE PROJECT. 49. ALL AREAS DISTURBED AND LEFT UNDEVELOPED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE STABILIZED BY THE APPLICATION OF AN APPROVED DUST PALLIATIVE OR HYDROMULCH.
- 50. THE CONTRACTOR SHALL IDENTIFY A STANDBY CREW FOR EMERGENCY WORK AND THEY SHALL BE AVAILABLE AT ALL TIMES. MATERIAL NECESSARY TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR DAMAGED EROSION CONTROL MEASURES SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT APPROVED
- LOCATIONS. 51. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING CONSTRUCTION OF IMPROVEMENTS.
- 52. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING FACILITIES. GRADED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING THE RAINSTORM SHALL ALSO BE REPAIRED.
- 53. FILL SLOPES AT THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE END OF EACH WORKING DAY. 54. ALL DISTURBED AREAS ARE REQUIRED TO HAVE A PALLIATIVE APPLIED FOR DUST
- CONTROL. ALL GRADING SHALL COMPLY WITH STATE AND COUNTY REGULATIONS. 55. A SIX-FOOT HIGH PERIMETER FENCE OR A 24-HOUR GUARD SHALL BE POSTED ON
- THE SITE WHENEVER THE DEPTH OF WATER IN A FACILITY EXCEEDS 18". 56. ALL AREAS DISTURBED BECAUSE OF THE WORK SHALL BE REVEGETATED IN
- ACCORDANCE WITH INDUSTRY BEST MANAGEMENT PRACTICES.
- 57. NO CONSTRUCTION MATERIALS SHALL BE STORED IN A STREAM ENVIRONMENT ZONES (SEZ) AT ANY TIME. 58. IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL STOP WORK
- IMMEDIATELY, PREPARE A DEWATERING PLAN, AND OBTAIN APPROVAL FROM THE PROJECT ENGINEER BEFORE PROCEEDING WITH WORK. DEWATERING ACTIVITIES MAY REQUIRE THE CONTRACTOR TO OBTAIN A DISCHARGE/PUMPING PERMIT FROM THE STATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH PERMITS.
- 59. ALL STREETS SHALL BE MAINTAINED FREE OF DUST AND MUD CAUSED BY GRADING OPERATIONS.

308 N. CURRY ST., STE. 200 CARSON CITY, NV 89703 TEL: 775.883.7077

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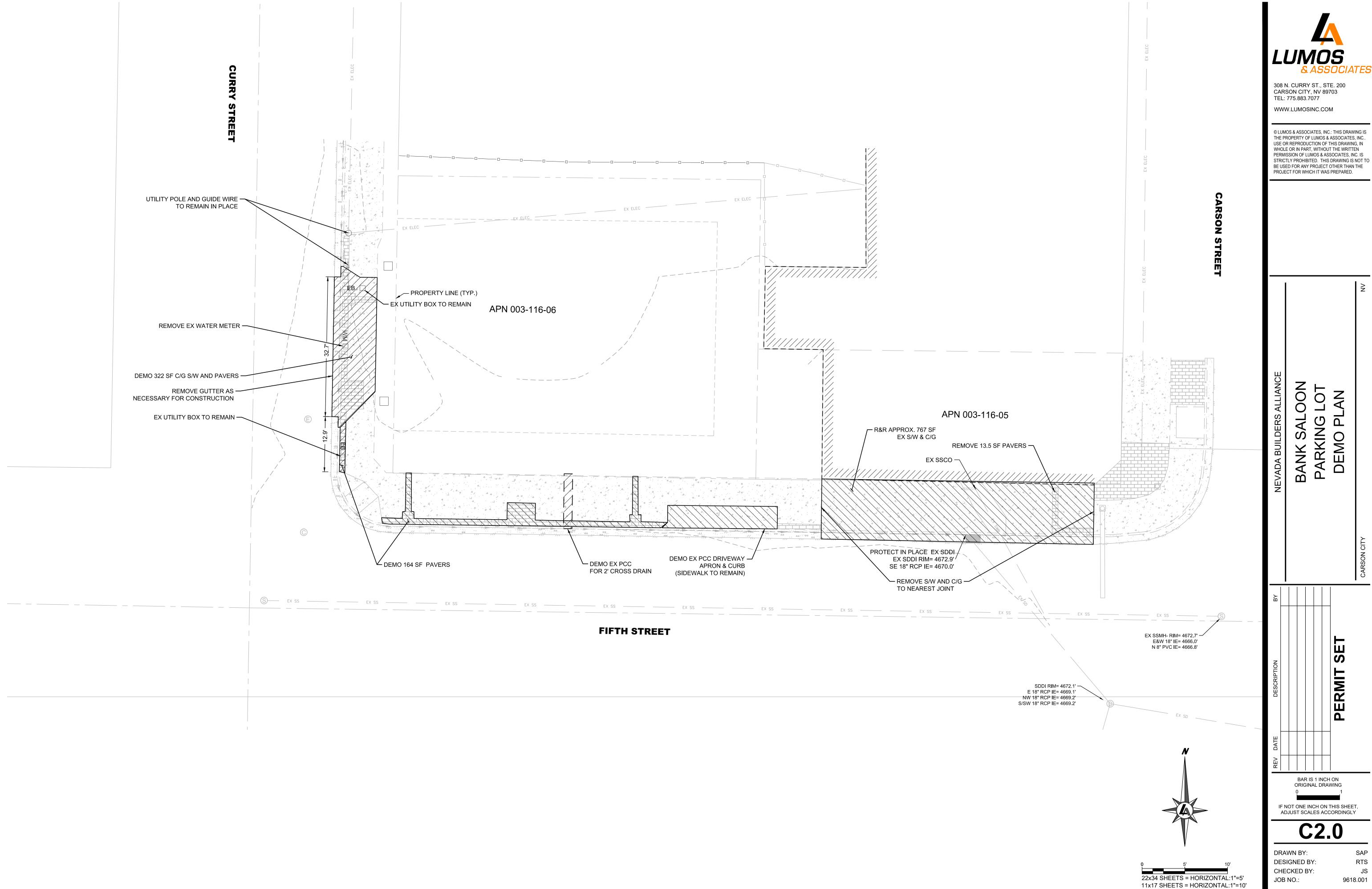


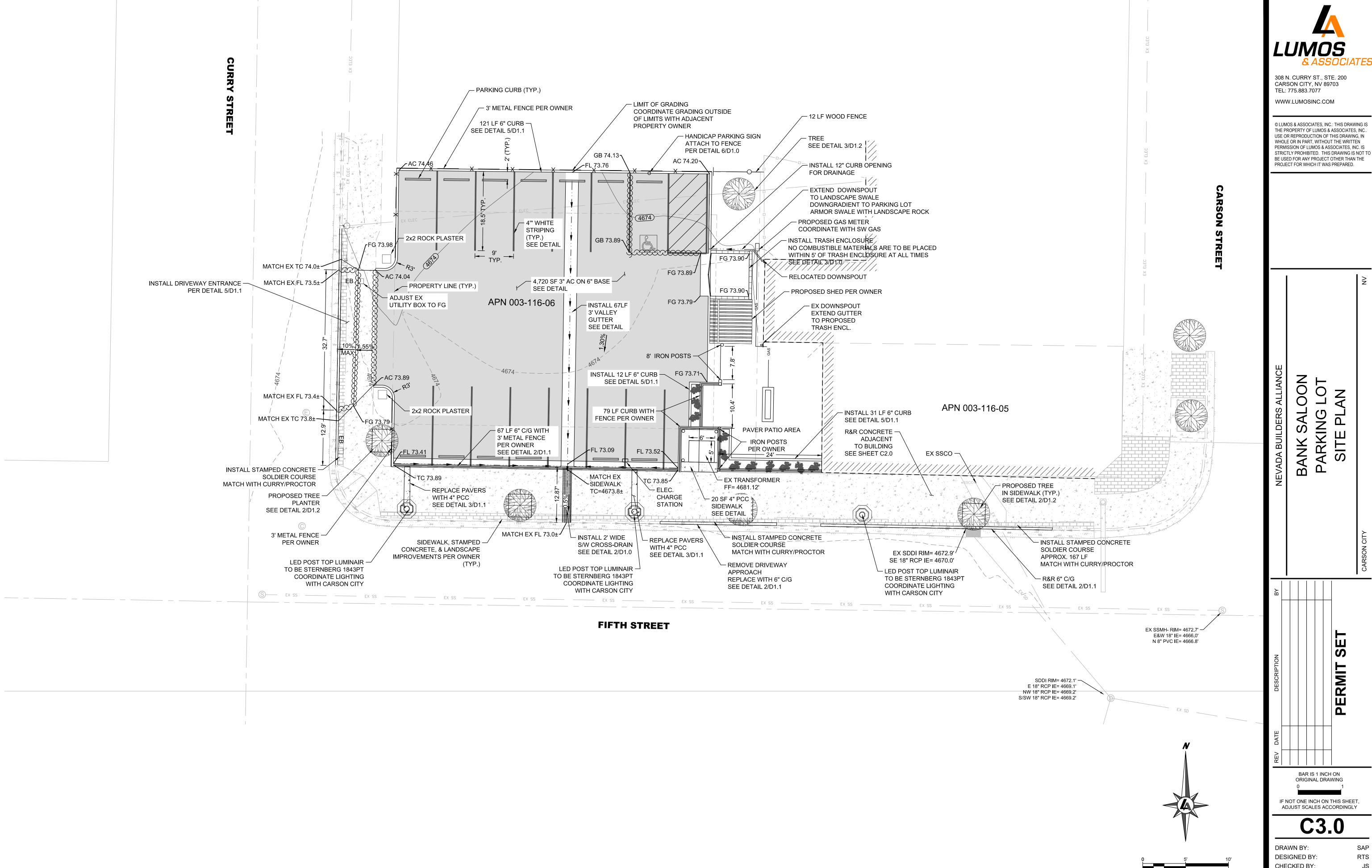
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RTS 9618.001





CHECKED BY: JOB NO.:

22x34 SHEETS = HORIZONTAL:1"=5'

11x17 SHEETS = HORIZONTAL:1"=10'

9618.001

TYPICAL PAVEMENT SECTION

1. PARKING LOTS WILL BE CONSTRUCTED WITH A MINIMUM OF 2.5 INCHES OF A.C. SURFACE ON 6 INCHES OF TYPE 2 CLASS B AGGREGATE BASE (BOTH COMPACTED TO 95% MIN.)

WHEEL STOPS

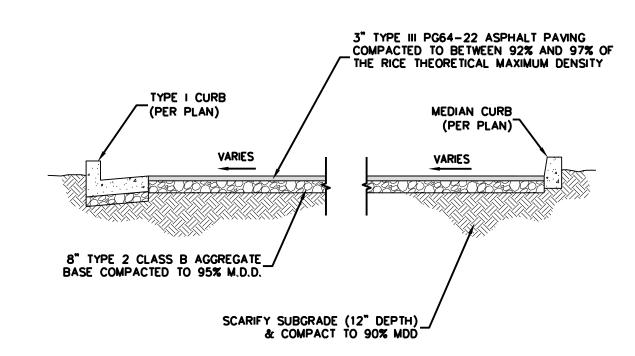
- WHEEL STOPS WILL BE 2 FEET (MIN.) FROM PROPERTY LINE OR APPURTENANCES. WHEEL STOP WILL BE SECURED WITH 0.5 INCH REBAR DRIVEN 12 INCHES (MIN.) INTO SURFACE OR WITH AN APPROVED EPOXY HAVING A SETTING TIME OF 4-HOUR (MAX.) AT 77 DEGREES FAHRENHEIT.
- WHEEL STOPS WILL BE WHITE OR SAFETY YELLOW WITH 0.25 CANDLE POWER REFLECTIVITY. WHEEL STOP DIMENSIONS WILL BE 4 INCHES TO 7 INCHES HIGH X 4 FEET (MIN.) LONG X 6 INCHES
- (MIN.) WIDE. WHEEL STOP LOCATION SHALL SECURE VEHICLE TIRES.
- MINIMUM WALL THICKNESS FOR METAL STOPS WILL BE 0.25 INCHES, FOR POLYETHYLENE OR FIBERGLASS WHEEL STOPS - 0.75 INCHES. WOOD WHEEL STOPS WILL BE REDWOOD #2 OR BETTER.
- CONCRETE WHEEL STOPS WILL HAVE A MINIMUM TENSILE STRENGTH OF 2000 P.S.I. (ASTM D-746). 8. IMPACT BRITTLE TEMPERATURE SHALL BE -75 DEGREES CELSIUS. (ASTM D-746).
- 9. ELONGATION SHALL BE LIMITED TO 35 PERCENT AT 73 DEGREES FAHRENHEIT (ASTM D638).

1. PARKING LOT STRIPING SHALL BE WHITE WITH A MINIMUM WIDTH OF 4 INCHES. PAINT SHALL BE SPECIFIED "TRAFFIC STRIPING PAINT" OR HAVE MANUFACTURER'S CERTIFICATION OF SUITABLE APPLICATION ON ASPHALTIC OR CONCRETE SURFACES.

- 1. APPLICATION LEVEL WILL BE 1.0 FOOT CANDLES (MIN.) WITH A UNIFORMITY RATIO (AVERAGE ILLUMINATION) NOT EXCEEDING 6:1 AND AS APPROVED BY THE PUBLIC WORKS DEPARTMENT
- DEPENDING ON PEDESTRIAN VOLUMES. 2. LIGHT FIXTURES SHALL BE FULL CUT-OFF FIXTURES AS DEFINED BY THE ILLUMINATING
- ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. 3. LIGHT POLES SHALL BE LOCATED TO ELIMINATE INTERFERENCE WITH VEHICULAR OR PEDESTRIAN
- TRAFFIC (AT THE END OF PARKING ROWS WHEN PRACTICAL) AND AS APPROVED BY THE PUBLIC WORKS DEPARTMENT. POLES SHALL NOT BE LOCATED NEXT TO TREES.

 4. MOUNTING POLES WILL COMPLY WITH THE SAME SPECIFICATIONS PRESCRIBED FOR URBAN

	COLLEC		/		
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION	
				CARSON CITY	
			1 PARKING LOT	DRAWING NO.	
			DECLUDEMENTS	C-5.5.2	
APPRO	OVED BY:	9/17	REQUIREMENTS	DATE SEP 2017	

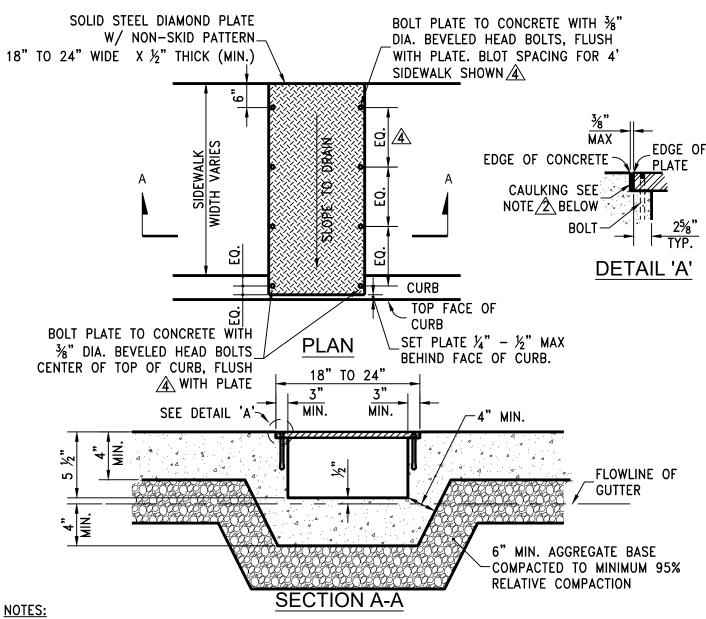


1. IF UNSUITABLE MATERIAL IS ENCOUNTERED ONSITE THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

TYP. PAVEMENT SECTION

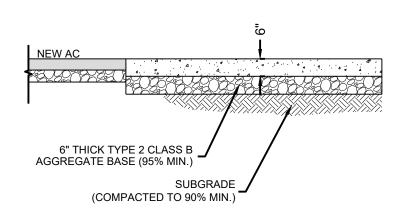
N.T.S.





- 1. FIBER-REINFORCED PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC). CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC.
- 2. SET PLATE FLUSH WITH ADJACENT CONCRETE AND PROVIDE 3/8" MAX GAP BETWEEN STEEL PLATE AND EDGE OF SIDEWALK. FILL GAP WITH CAULKING AFTER PLACEMENT OF PLATE. CAULKING MATERIAL SHALL BE GE SILICONE II* W/D SUPREME, OR APPROVED EQUAL. COLOR SHALL BE WHITE.
- 3. AGGREGATE BASE MATERIAL UNDER CONCRETE DRAIN SUPPORT STRUCTURE SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE, ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 200.
- 4. BOLTS: 3/8" DIA x 2 7/8" LONG DYNABOLT SLEEVE ANCHOR RAMSET REDHEAD FS-3826 OR APPROVED EQUIVALENT. SIDEWALK WIDER THAN 4FT, BOLTS SHALL BE PLACED AT 18" O.C. FOR WIDTH OF SIDEWALK

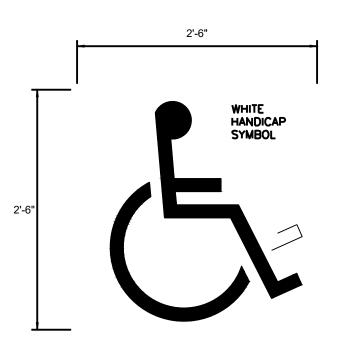
TYP. CONCRETE PAD/FLUSH CONCRETE SIDEWALK



- 1. ALL P.C.C. CONCRETE SHALL BE FIBER-REINFORCED AND MEET 4,000 PSI MIN. AT 28 DAYS. 2. WEAKENED PLANE JOINTS SHALL BE TOOLED AND NOT BE GREATER THAT 8' APART IN BOTH DIRECTIONS,
- 3. ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND COMPACTED TO 95% M.D.D.

TYP. CONCRETE PAD/FLUSH CONCRETE SIDEWALK

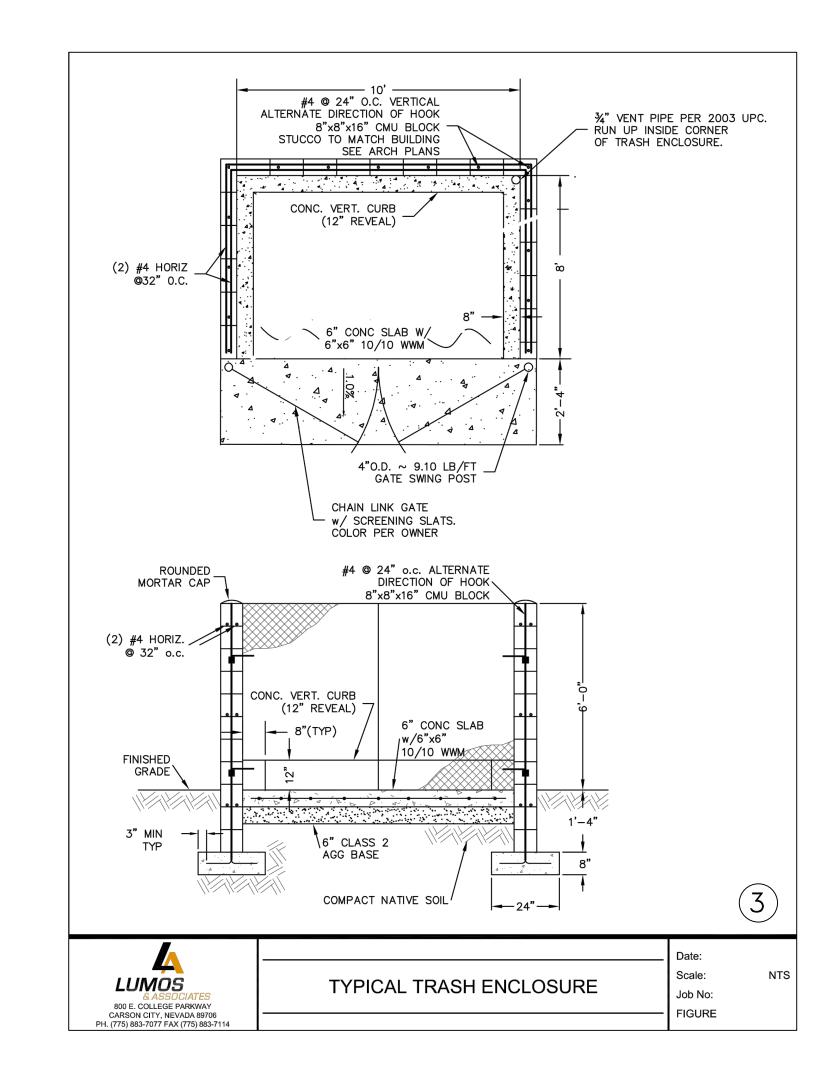
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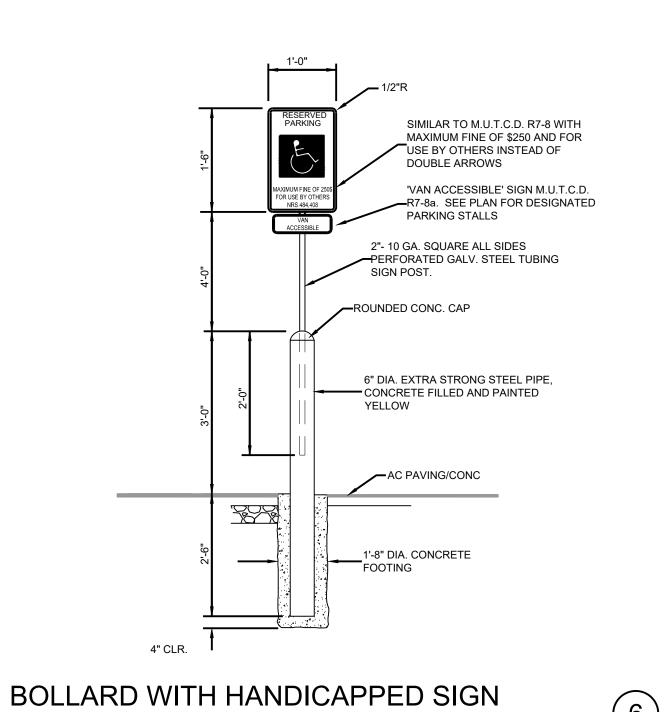


HANDICAP SYMBOL SHALL COMPLY WITH ALL APPLICABLE SECTIONS OF THE AMERICANS WITH DISABILITIES ACT.

HANDICAP SYMBOL

N.T.S.







308 N. CURRY ST., STE. 200 CARSON CITY, NV 89703 TEL: 775.883.7077

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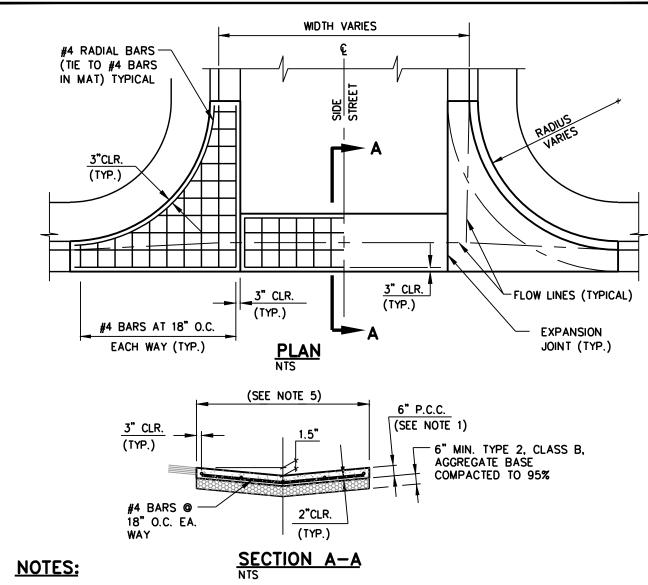
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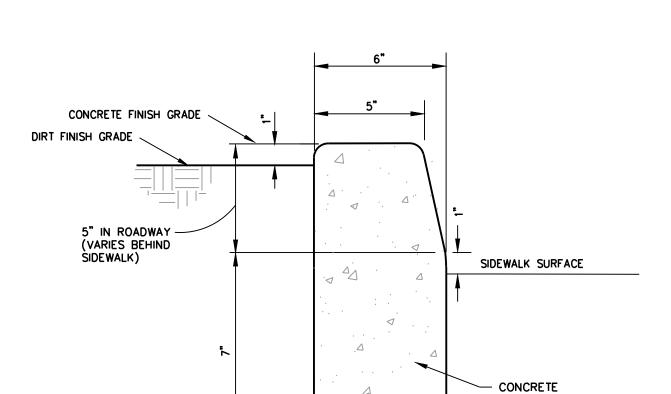
JOB NO.:

RTS 9618.001



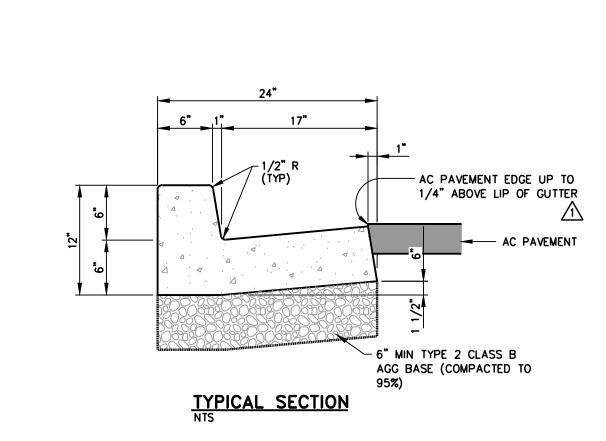
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT TO SERVE 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. POLYPROPYLENE FIBERS SHALL BE ADDED TO THE P.C.C. PER THE MANUFACTURER'S
- 2. FOR INDUSTRIAL AREAS, AN ENGINEERED DESIGN IS REQUIRED.
- 3. AGGREGATE BASE SHALL BE ENGINEERED TYPE 2, CLASS B WITH 95% COMPACTION.
- 4. VALLEY GUTTER SHALL HAVE WEAKENED PLANE JOINTS EVERY 5 FEET. MAINTAIN SQUARE PANELS IF POSSIBLE.
- 5. LOCAL AND COLLECTOR STREETS, WDTH = 6 FEET. ARTERIAL STREETS (DRIVEWAYS ONLY), WIDTH = 10 FEET. 6. VALLEY GUTTER SECTIONS (SPANDRELS) ALONG CURB & GUTTER SHALL BE A MONOLITHIC POUR AS SHOWN.
- 7. ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL
 C-5.1.1 AND CONFORM TO SECTION 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS

	CONSTRUCTION			
NQ.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
/ 1\	NOTE 4 & 7	9/17		CARSON CITY
				DRAWING NO.
			P.C.C. VALLEY GUTTER	C-5.1.2
APPRO	VED BY: 🏖	9/17		DATE SEP 2017



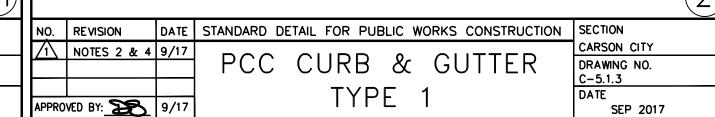
- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY CARSON CITY
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAILS C-5.1.1, AND, C-5.3.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).

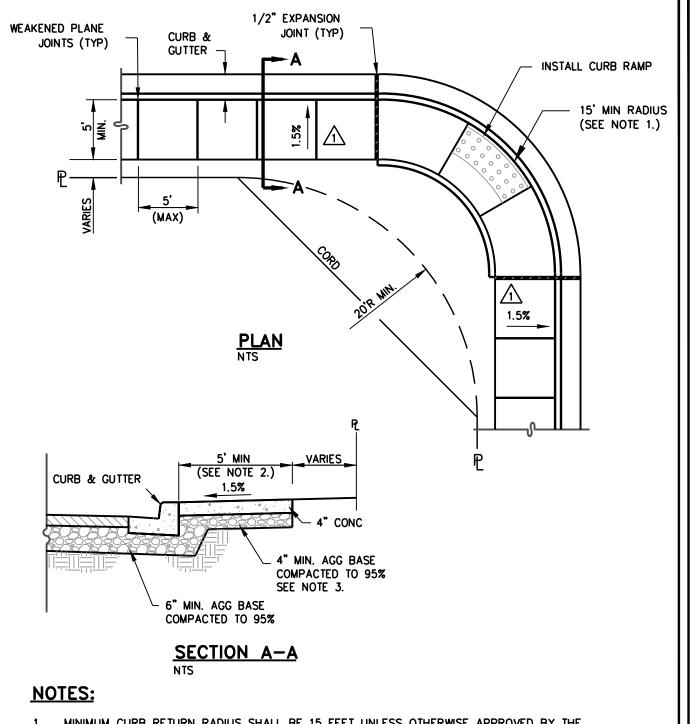
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	N SECTION
//\	NOTE 2	9/17		CARSON CITY
	11012 2	37.17		DRAWING NO.
			P.C.C. RETAINING CURB	
APPRO	VED BY:	9/17		DATE SEP 2017



NOTES:

- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SECTION 202 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE CURB & GUTTER SHALL HAVE 1/2 INCH EXPANSION JOINTS AT ALL CURB RETURNS AND SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET. CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.1.3 AND CONFORM TO SECTION 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND CONFORM TO SECTION 200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND SHALL BE MECHANICALLY COMPACTED TO 95% COMPACTION, IN CONFORMANCE WITH SECTION 308.05 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 4. CURB & GUTTER SHALL BE POURED SEPARATELY/NON-MONOLITHCALLY FROM SIDEWALK.

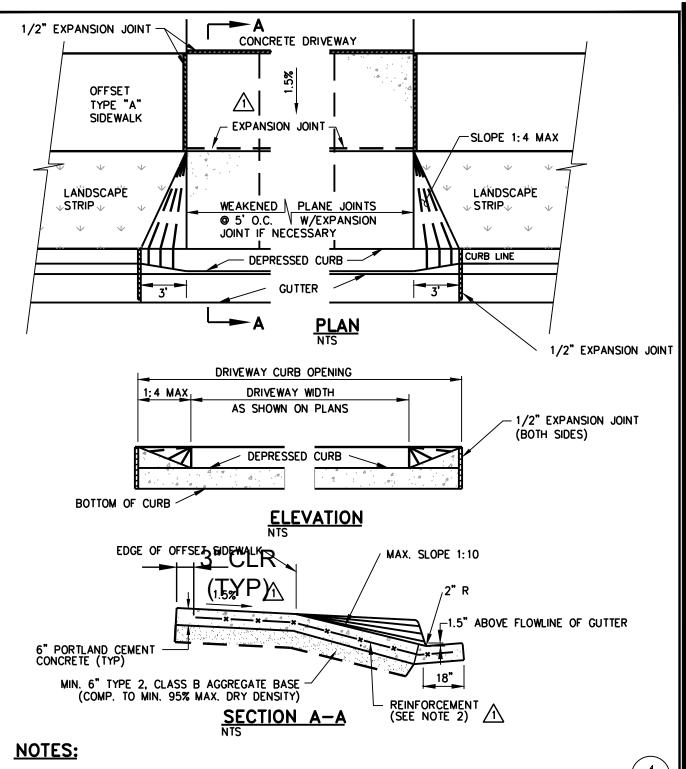




- MINIMUM CURB RETURN RADIUS SHALL BE 15 FEET UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- SOME STREETS MAY REQUIRE WIDER SIDEWALKS.
- SIDEWALK ADJACENT TO TYPE 2 OR ROLLED CURB AND GUTTER SHALL BE CONSTRUCTED 5 INCHES THICK OF CONCRETE ON 6 INCHES OF AGGREGATE BASE COMPACTED TO 95%
- 4 SIDEWALK SHALL BE POURED NON-MONOLITHICALY FROM CURB AND GUTTER

4.	SIDEWALK SHALL BE POURED NON-MONOLITHICALY FROM CURB AND GUTTER.	

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
/1\	NOTE 3 & 4	9/17		CARSON CITY
			TYPE "A" SIDEWALK	DRAWING NO. C-5.2.2
APPRO	VED BY:	9/17	TITE A SIDEWALK	DATE SEP 2017



- 1. TYPE 2 DRIVEWAY APRON TO BE USED WITH OFFSET SIDEWALK UNLESS 5 FOOT SURFACE WITH 1.5% \ 4 MAXIMUM BYPASS IS PROVIDED. (SEE DRIVEWAY APRON BYPASS DETAIL C-5.2.6).
- COMMERCIAL DRIVEWAYS TO HAVE #4 REBAR AT 18 INCHES ON CENTER EACH WAY EXTENDED INTO GUTTER PAN UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. IF EXPANSION JOINTS EXIST WITHIN 4 FEET OF DRIVEWAY, REMOVE SIDEWALK, CURB AND GUTTER TO
- DRIVEWAY APRONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND C-5.2.1.

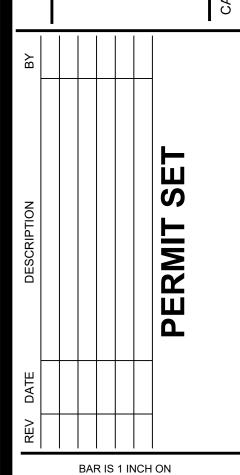
),	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
\setminus	EXPANSION JT	9/17		CARSON CITY
_		- /	P.C.C. DRIVEWAY APRON	DRAWING NO.
			1.0.0. DINITENAL ALKON	C-5.2.4
			TYPF 2	DATE
'RO	VED BY:	9/17		SEP 2017



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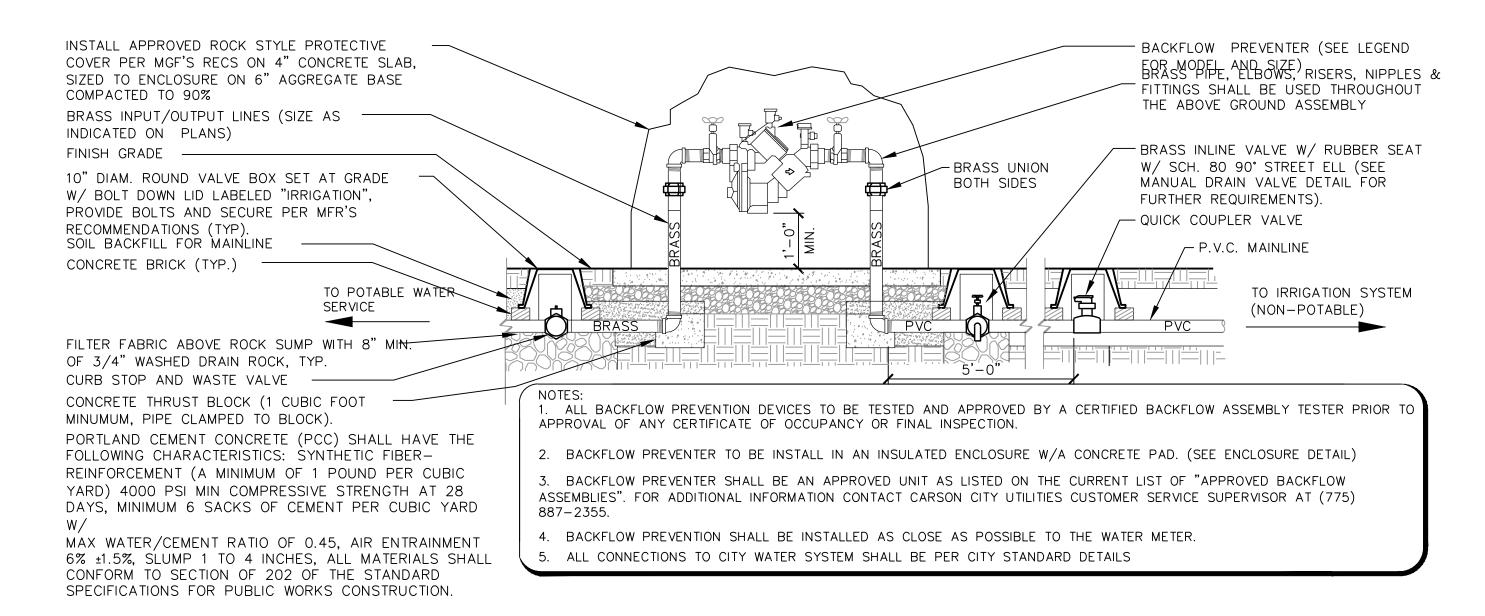
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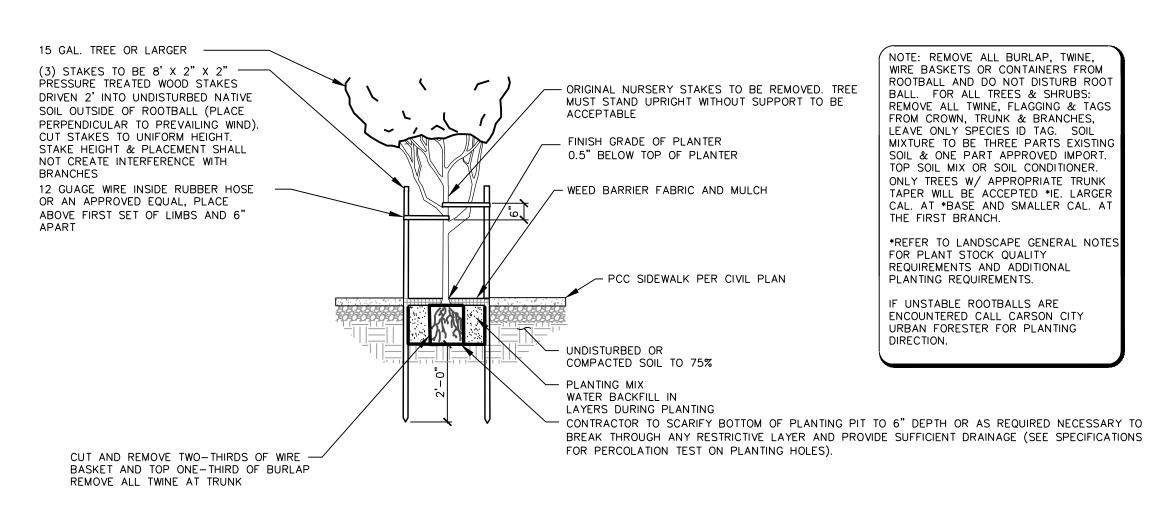
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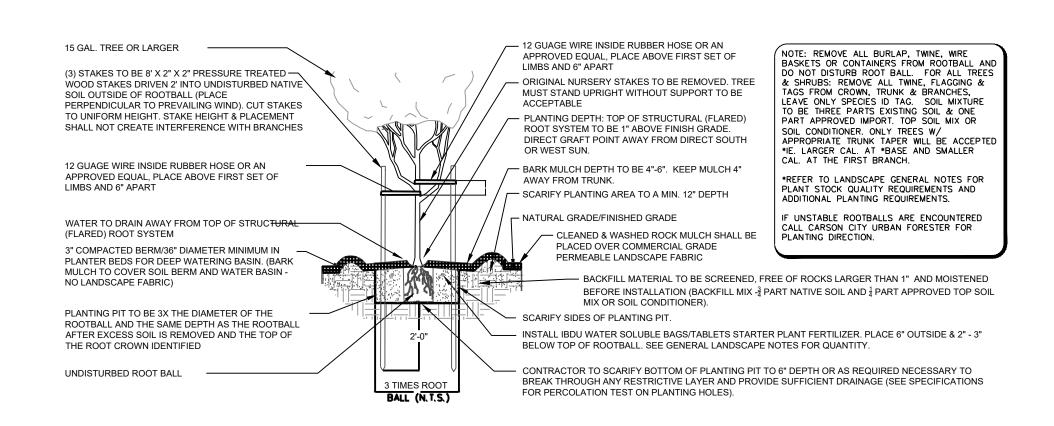
TYPICAL SECTION











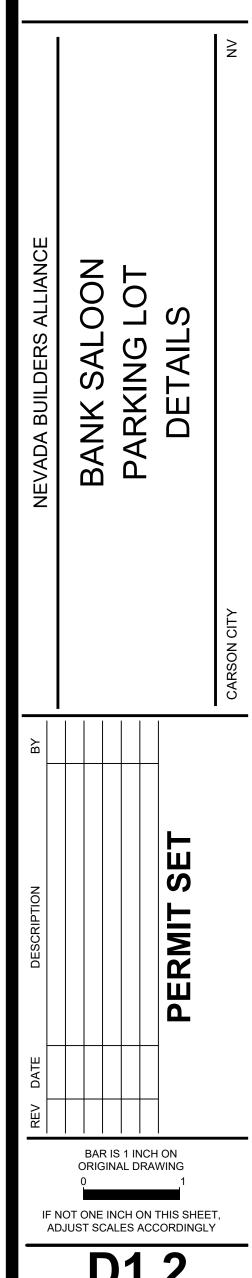
DECIDUOUS TREE PLANTING DETAIL

LUMOS & ASSOCIATES

308 N. CURRY ST., STE. 200 CARSON CITY, NV 89703 TEL: 775.883.7077

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DESIGNED BY:

RTS

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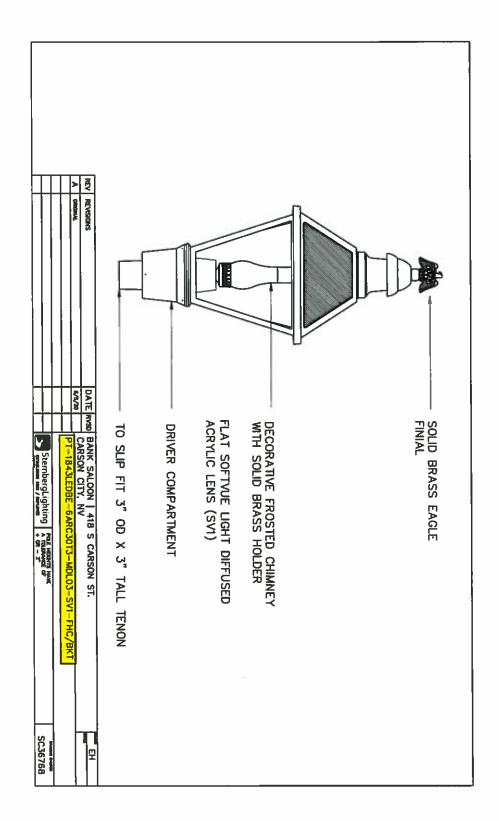
Streetlight Submittal

Submitted by Associated Lighting Reps., Inc.

Job Name:
CARSON CITY BANK SALOON - N071620ANV (REV 0)
Owner: CITY OF CARSON CITY (CARSON CITY)

Catalog Number:
PT-1843LEDBE-6ARC30T3-MDL03-SV1-FHC/BKT
Notes:

ALRREN20-4352



Submitted by Associated Lighting Reps., Inc.



Job Name: CARSON CITY BANK SALOON - N071620ANV (REV 0) Owner: CITY OF CARSON CITY (CARSON CITY)

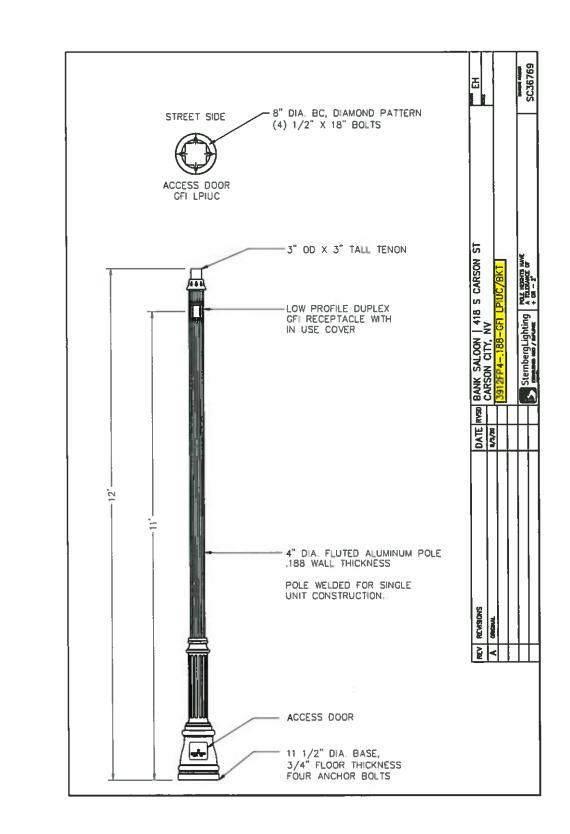
Catalog Number:

3912FP4-.188-GFI LPIUC/BKT

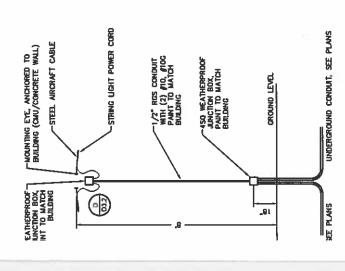
Notes:

Type:

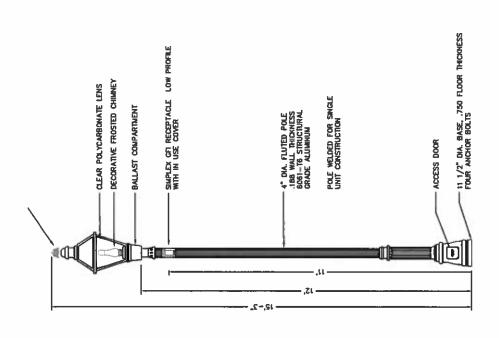
ALRREN20-4352



LIGHT END ELEVATION



LIGHT CONNECTION ELEVATION



FOLE DIMENSION A SECTION 13 TIES CHEDINE OMENSION A SECTION 13 TIES

EXTURE HEICHT PER SCHEDULE

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THE ADD ATTER SO
SURFACE, IS SMOOTH

FIN. CR.

2'(±)

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J. C.R. TO TES, TYP

-TOTAL EPA FOR FIXTURES SHALL NOT EXCEED 6.0 SQ. FT.

POLE BASE - FLUSH

CROUND PLATE (COPPER) OR 10 TURNS OF #4 BARE COPPER WARE PANCANE

-2 LAYERS JUS FELT

-4000 pai AR ENTRANED CONCRETE (NO SPECIAL INSPECTION SINCE 2500 pai DESIGN STRESS USED) -#4 COPPER GROUND WINE

יב כרצ'

- AS TES AT 1/2 & SPACING

DESIGN CRIERA. 2012 BC 130 mph, 3-SECOND GUST, EXPOSURE C

31n03HQS 33S

-VERTICAL REBAR PER SCHEDULE

—(3) #3 TIES AT 4" a.e. —# cu BOND TO REBAR

DECORATIVE STREET POLE

Parking Lot Lighting Submittal

American Revolution Deluxe LED Series ARDL

PRODUCT OVERVIEW



Applications:

Streetscapes Walkways Pathways Parks



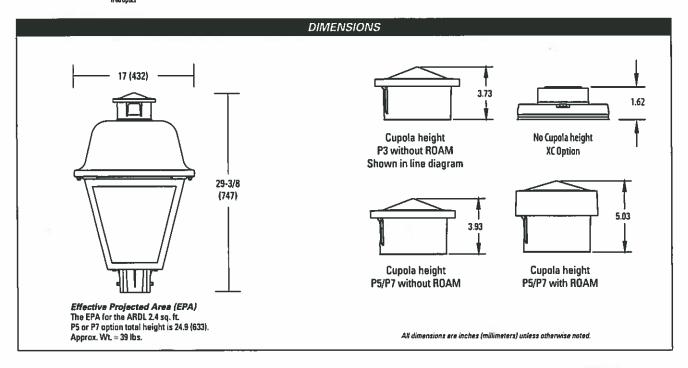






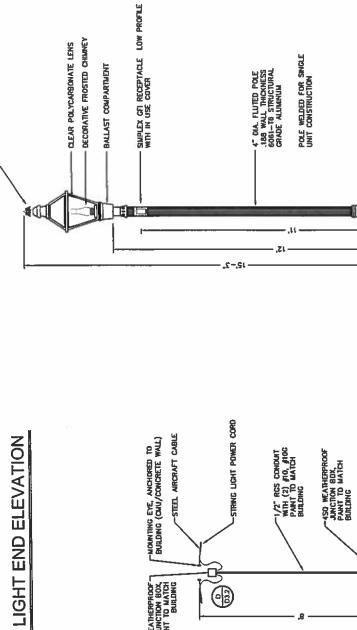
Features:

- Colonial LED lantern, replaces HID models up to 150W HPS for street and area lighting applications
- Eleven (11) LED performance packages deliver just the right amount of light for any given application up to 12,000 lumens
- Available in color temperature choices of 2700K, 3000K, 4000K, and 5000K
- Four (4) distinct light distribution options provide design flexibility, available in Type II, Type IV, and Type V
- Die-cast aluminum housing with choice of acrylic or polycarbonate panel reflectors; engineered for sturdy life-long performance
- Die-cast aluminum hood features a trigger latch (TL) option and captive thumb screws for fast, easy electrical and optical chamber access
- · Standard paint finish is smooth / gloss
- Housing is tenon pole-mounted and designed for use with a 3" tall by 2-3/8" to 3" diameter tenon, and secured by three set screws.
- Rated L70, LED life greater than 100,000 hours at 25°C
- · Complies with all applicable ANSI C136 standards
- · CSA listed and suitable for up to 40°C ambient
- Surge protection device (standard) exceeds ANSI/IEEE C62.41-2002 Category C High (10kV/10kA) and ANSI C136.2-2015 Enhanced (10kV/5kA).
 20KV Option exceeds ANSI/IEEE C62.41-2002 Category C High (10kV/10kA) and ANSI C136.2-2015 Extreme (20kV/10kA)
- Equipped with LED electronic 0-10V dimmable driver







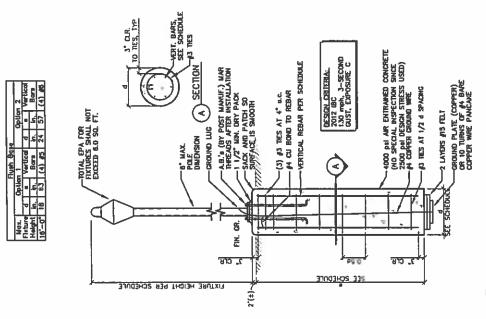


EATHERPROOF
LUNCTION BOX,
INT TO MATCH
BUILDING

B) DECORATIVE STREET POLE

11 1/2" DIA, BASE, .750 FLOOR THICKHESS FOUR ANCHOR BOLTS

ACCESS DOOR



POLE BASE - FLUSH

LIGHT CONNECTION ELEVATION

UNDERGROUND CONDUIT, SEE PLANS

ZEE PLANS

GROUND LEVEL

_8r

Fencing Submittal

BUILDERS FENCE COMPANY, INC.

BFC BERON BFC RESIDENTIAL

STANDARD HEIGHTS TO GROUND LEVEL:

3', 4', 5', 6'

STANDARD PANEL LENGTHS:

94", 120" & 143 1/ 2"

STANDARD TUBE SIZES:

PICKETS (SQUARE) 5/8" X 5/8" 18 ga. RAILS (SQUARE) 1" X 1" 16 ga.

RECOMMENDED FINISH:

Galva-Guard I

Note: See page 4 for optional finishes.

GATE AVAILABILITY:

Single swing, double swing, ground track sliding & full cantilever slide gates.
Custom lengths can be manufactured at either nominal or no additional costs.

POSTS:

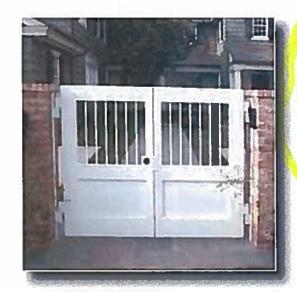
Posts are supplied according to weight and size of fence material. They are available for dirt-set, concrete-set or flange mounting.

INSTALLATION:

All fence panels and gates are delivered prepared for welded installation. BFC offers wall mount and post mounting brackets if required.

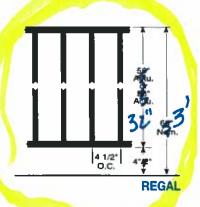
OPTIONS:

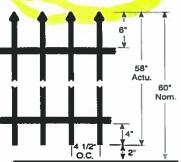
BFC's Residential Iron Fencing offers endless choices of twisted pickets, scroll work, cast iron finials, rings, flame-cut letters and arching rails providing a unique design for the home.



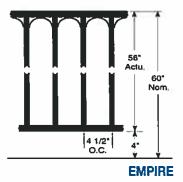


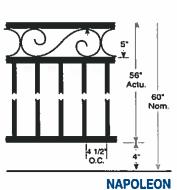
Complete ADA compliant Security Systems Available





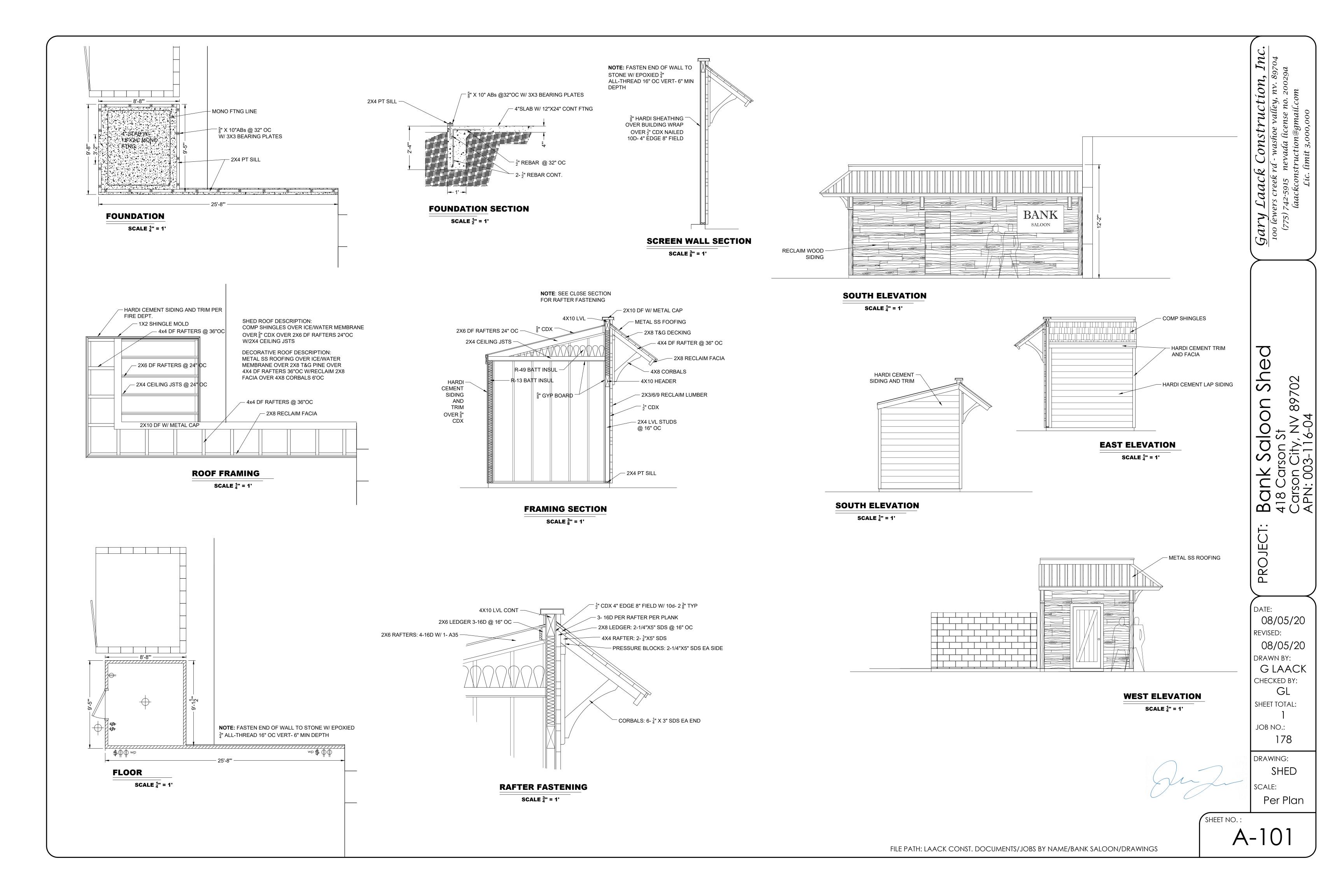
ARISTOCRAT





BFC Residential Iron Fencing adds both beauty and security to any home.







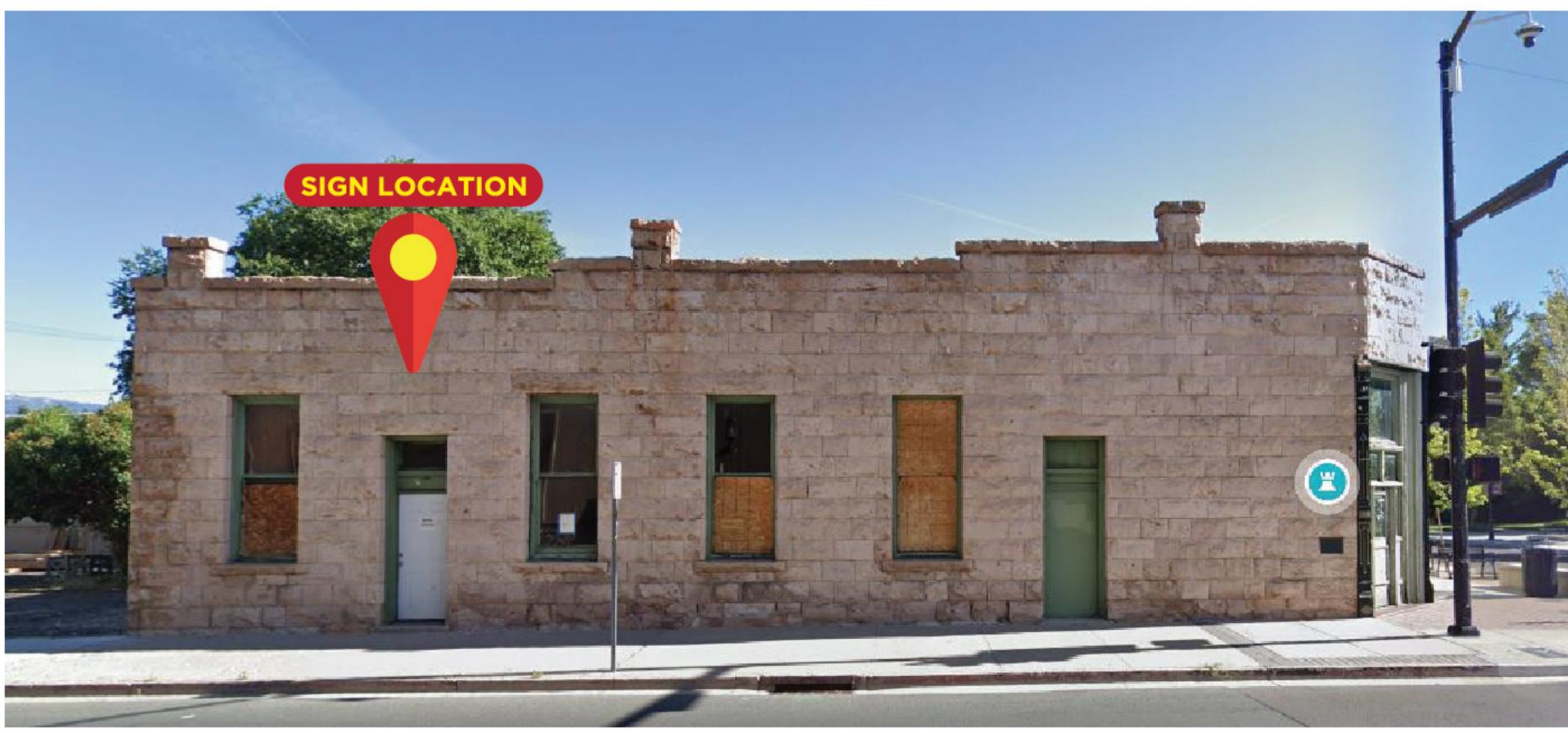














1902 IDAHO ST.
CARSON CITY, NV.
0/775.883.9259
F/775.883.9266

Project No: Element:

Date: Location:

Revision: Sales Rep:

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