



Architectural Review
and Historic Preservation Board
Agenda Report

Meeting Date 05/06/14

DATE: April 17, 2015

File : AR 15-01

TO: Architectural Review and Historic Preservation Board

FROM: Mike Sawley, Associate Planner, (879-6812, mike.sawley@chicoca.gov)
Community Development Department

RE: Southeast Chico Primary Care Clinic
Northwest corner of East 20th Street at Concord Avenue in Meriam Park

RECOMMENDATION

Staff recommends that the Architectural Review and Historic Preservation Board adopt the required findings contained in the agenda report and approve the proposed project, subject to the recommended conditions.

Proposed Motion

I move that the Architectural Review and Historic Preservation Board adopt the required findings contained in the agenda report and approve Architectural Review 15-01 (Southeast Chico Primary Care Clinic), subject to the recommended conditions.

BACKGROUND

The applicant proposes to construct a new 44,000 sq. ft. medical building and parking area on a 5-acre site at Meriam Park. The site is located at the northwest corner of East 20th Street and Concord Avenue (see **Attachment A**, Vicinity Map; **Attachment B**, Subdivision Map; and **Attachment C**, Architect's Narrative).

The site is designated Special Mixed Use on the General Plan Land Use Diagram. It is zoned TND (Traditional Neighborhood Development), and is designated TND "CORE" by the approved Regulating Plan. The project site is located in a recently recorded phase of the Meriam Park subdivision. Streets and utilities that will serve the project are nearing the final stages of construction.

The proposed project is comprised of a new single-story, L-shaped building that will serve as the anchor of a new medical campus for the Northern Valley Indian Health group, surrounding landscaping, and a 178-space off-street parking area (see **Attachment D**, Site Plan and **Attachment E**, Floor Plan). In addition, a maintenance yard enclosing a facility support building and generator enclosure with 6-foot masonry walls is proposed on the westerly side of the project facing Alcott Avenue. The facility would be constructed to allow possible expansions along both East 20th Street and along Concord Avenue in the future.

The main building would be situated with primary public entrances facing toward the intersection of East 20th Street and Concord Avenue, and internally toward the parking area with a porte-cochere drop-off area. Bicycle parking is proposed at three locations, resulting in a total of 12 covered spaces and 8 uncovered bicycle spaces. Five-foot wide sidewalks are proposed to connect various building entrances to the parking area and nearby public streets.

The site plan also shows a trash enclosure with 8-foot masonry walls abutting the maintenance yard enclosure and 12-foot tall light standards to illuminate the parking area.

The landscape plan calls for drought tolerant species that are predominantly native to this region and culturally significant to Native Americans in terms of yielding products historically used for food, medicine, building materials, and an array of other uses (see **Attachment F**, Landscape Plans). A mixture of trees, shrubs, and perennials are proposed around the new building to compose a multi-layered appearance with splashes of seasonal color.

Parking lot shading is estimated by the landscape architect to exceed 80 percent at tree maturity, excluding the maintenance yard area. Several detailed landscape drawings are provided featuring carefully planned outdoor waiting areas with cultural displays and water features. Specific landscape treatments for screening ground utilities are also detailed on the landscape plans.

The proposed building is strongly thematic toward Native American culture, including emblematic shapes, colors and materials (see **Attachment G**, Color Elevations, and **Attachment H**, Colors). The dominant circular entry feature facing the intersection symbolizes the classic "round house" design used for lodgings and ceremonial structures. A freestanding round house-like structure is also proposed between the parking area and porte-cochere. Metal beams resembling round-wood timbers and peeled branches are proposed to create awnings over various windows located around the building (see **Attachment I**, Color Perspectives). The building would predominantly appear to be 26 feet in height with the highest parapets reaching approximately 30 feet in height. The earth tone color scheme and stone wainscot is suggestive of natural clays and other locally sourced materials.

The main body of the building would be a light beige color ("Ivoire", SW 6127), over a sandy "light lace" plaster finish (see **Attachment H**, Colors, and **Attachment K**, Materials). The cornices and decorative "medallions" would have a smooth "Santa Barbara" plaster finish over built-up foam surfaces. Additional earth-tone trim colors are also proposed. Exterior heating and condenser units are proposed on the rooftop, screened by rooftop walls (see **Attachment I**, Color Perspectives and **Attachment J**, Building Cross Section).

A variety of lighting is proposed, including 12-foot parking lot lights ("PL" on the site plan), ground-mounted uplights ("UL"), roof-mounted lighting of the mechanical screen wall ("SL"), wall-mounted downlights ("DL"), and two types of downcast soffit lights (see **Attachment L**, Lighting Specifications and **Attachment D**, Site Plan).

DISCUSSION

The proposal is consistent with General Plan goals and policies that encourage architectural designs that exhibit timeless character and create a culturally relevant sense of place (CD-3.1 and CD-4.1.3). The design will accommodate pedestrian and bicycle access directly from the public sidewalk and provide bike parking at multiple locations, consistent with policies CD-3.2 and CD-3.3. The native, drought tolerant species selections for the proposed landscaping are consistent with sustainability policies that promote water conservation and energy efficiency (SUS-4.2).

The project is also consistent with Design Guidelines (DGs) that call for incorporating recognizable cultural motifs and referencing cultural ties to the community (DG 1.1.11, 1.1.34, and 1.2.21). The design achieves a pedestrian-friendly environment by placing the building near the public sidewalk and locating vehicle parking on the interior of the site (DG 1.1.13, 1.1.14 and 1.1.15).

The proposed development utilizes the "Dock Height Commercial Building" TND building type to implement the "Civic Building" building type. The chosen building type sets forth the form-based development criteria for the site (see **Attachment M**, Dock Height Commercial Building). The proposed plan meets applicable building type requirements for building placement, massing and parking location. Also consistent with applicable requirements, the building would have a "shopfront" frontage type and provide a main pedestrian entrance directly from the street. There are no loading docks proposed as part of the project.

The TND code, under section 19.88.020(F), requires that "*parking lots shall be masked from the frontage by a liner building or street screen,*" and the term "streetscreen" is defined under CMC 19.96 as "*a freestanding wall built along the frontage line, or coplanar with the facade for the purpose of masking a parking lot from street.*"

The parking areas that require screening include approximately 140 linear feet on Alcott Avenue and approximately 130 linear feet on Concord Avenue. The Architect's Narrative states that using a 28-foot setback for parking along Concord and Alcott Avenues in conjunction with appropriate landscaping will conceal the parking in lieu of constructing a masonry wall. Staff concurs that a 28-foot setback with landscaping can achieve parking lot screening equivalent to a 5-foot high masonry wall, and is perhaps more consistent with the purpose of the TND zone which in part promotes creating a pedestrian friendly streetscape with design components "*that shape the public space of the street in an attractive manner*" (CMC 19.80.010(E)).

One advantage of constructing a screen wall along these areas is that it would provide immediate screening of the parking until such time that the landscape plantings mature and dominate public views toward the parking area. Another advantage of a screen wall is that it can provide effective screening where space is limited.

In this case the site design is not significantly constrained in terms of space, and berms can be constructed in the 28-foot setback areas to provide some measure of immediate screening with sloped earth. The sloped buffer area can also feature multiple courses of landscape plantings, resulting in an aesthetically-pleasing layering effect in the near term.

To ensure effective screening of the parking areas along Concord and Alcott Avenues, a condition is recommended that would require mounding in the 28-foot setback areas to a minimum height of three feet above the parking lot surface and dense landscape plantings with taller evergreen shrubs, similar to the utility screening details shown on sheet 6 of the landscape drawings (**Attachment F**). The condition requires that the mounding extend to at least three feet above the parking lot surface grade to ensure its effectiveness in the near term.

As noted above, the plan calls for several types of lighting, including ground-mounted uplights to illuminate various roundhouse features and roof-mounted screen lights to shine up onto the mechanical unit screen walls. These two types of lights are not consistent with CMC 19.60.050

(Exterior Lighting), which states in part that “[e]xterior lighting shall be architecturally integrated with the character of all structures, energy-efficient, and shielded or recessed so that direct glare and reflections are confined, to the maximum extent feasible, within the boundaries of the site. Exterior lighting shall be directed downward and away from adjacent properties and public rights-of-way.” In addition, Mitigation Measure AES-1 from the Meriam Park EIR requires new lighting to minimize spillage and atmospheric light pollution (see **Attachment N**). A condition is recommended that would require removal of these two types of upward-directed lights, and would permit substitution with different types of lighting in these areas that comply with code requirements.

A condition is also recommended to relocate the parking lot light fixture shown in front of the bicycle parking at the north, rear corner of the building to ensure unobstructed access to the bicycle parking.

RECOMMENDED DISCUSSION ITEMS

Stone Wainscot: Provided that DG 1.2.21 encourages “*relat[ing] the design of building facades and roofs to the immediate neighborhood or greater Chico community through the use of architectural or cultural motifs, historical references, or references to the natural environment.*”

Discuss if the style of linear ledger stone proposed for the wainscot is appropriate for the project, or if an irregular style of stone would be more appropriate given the naturally-occurring volcanic rocks in the area and recent Board conditions for the nearby Mechoopda Administration Building.

Roof-mounted lighting: Provided that Design Objective 1.5.1 directs us to “*Design architecturally integrated, energy-efficient, and shielded or recessed exterior lighting so that direct glare and reflections are minimized and confined within the boundaries of the site.*”

Discuss if alternative, downcast lighting is acceptable to illuminate the mechanical screen walls as provided by recommended condition #4, or if such lighting is not appropriate. Modify condition #4, if needed, to make the required findings for approval.

REQUIRED FINDINGS FOR APPROVAL

Environmental Review

The project falls within the scope of the Environmental Impact Report (EIR) for the Meriam Park Master Plan, which was certified by the City Council on June 19, 2007. The EIR included several mitigation measures that apply to the proposed development, which are provided as **Attachment K**, and referenced in the recommended conditions of approval.

Pursuant to Section 15162 of the California Environmental Quality Act, no subsequent environmental review is necessary, as there have been no substantial changes to the project which would require revisions of the EIR, no substantial changes have occurred with respect to the circumstances under which the project is being undertaken which would require major revisions of the EIR, and no new information has become available which was not known and could not have been known at the time the EIR was completed.

Architectural Review

According to the Chico Municipal Code Section 19.18.060, the Architectural Review and Historic Preservation Board shall determine whether or not a project adequately meets adopted City standards and design guidelines, based upon the following findings:

1. *The proposed development is consistent with the General Plan, any applicable specific plan, and any applicable neighborhood or area plans.*

The proposal is consistent with several General Plan goals and policies, including those that encourage architectural designs that create a culturally relevant sense of place, and promote pedestrian-oriented development (CD-3.1, CD-4.1.3, CD-3.2 and CD-3.3). Further, the native, drought tolerant species selections for the proposed landscaping are consistent with sustainability policies that promote water conservation and energy efficiency (SUS-4.2). The site is not located within the bounds of a Neighborhood Plan or area plan.

2. *The proposed development, including the character, scale, and quality of design are consistent with the purpose/intent of this chapter and any adopted design guidelines.*

The project is consistent with Design Guidelines (DGs) that call for incorporating cultural motifs and referencing cultural ties to the community (DG 1.1.11, 1.1.34, and 1.2.21). The pedestrian-friendly design locates the building entrance right off an important street intersection (E. 20th Street and Concord Avenue) and vehicle parking would be located interior to the site and properly screened, consistent with DGs 1.1.13, 1.1.14, 1.1.15, 2.1.25, 2.1.26 and 2.1.27.

3. *The architectural design of structures, including all elevations, materials and colors are visually compatible with surrounding development. Design elements, including screening of equipment, exterior lighting, signs, and awnings, have been incorporated into the project to further ensure its compatibility with the character and uses of adjacent development.*

The design, materials and colors of the proposed new building are anticipated to be visually compatible with future surrounding development in this CORE area of Meriam Park, and the earth-tone color scheme is compatible with the existing surrounding landscape and foothill backdrop during the near term. Exterior equipment will be properly screened from view by roof parapets and screen walls.

4. *The location and configuration of structures are compatible with their sites and with surrounding sites and structures, and do not unnecessarily block views from other structures or dominate their surroundings.*

The proposed structure is compatible with the site in that it balances the intensity of development anticipated in the CORE area of Meriam Park with the provision of open space around the sides of the building. The building will not unnecessarily block views or dominate its surroundings once additional anticipated development occurs on neighboring properties.

5. *The general landscape design, including the color, location, size, texture, type, and coverage of plant materials, and provisions for irrigation and maintenance, and protection of landscape elements, have been considered to ensure visual relief, to complement structures, and to provide an attractive environment.*

The proposed landscaping will provide a variety of seasonal color, while minimizing irrigation demands. Native plantings are appropriately located to ensure visual relief and provide an attractive environment around the new building.

RECOMMENDED CONDITIONS OF APPROVAL

1. All approved building plans and permits shall note on the cover sheet that the project shall comply with AR 15-01 (Southeast Chico Primary Care Clinic).
2. All wall-mounted utilities and roof or wall penetrations, including vent stacks, utility boxes, exhaust vents, gas meters and similar equipment, shall be screened by appropriate materials and colors. Adequate screening shall be verified by Planning staff prior to issuance of a certificate of occupancy.
3. The 28-foot parking lot setback areas along Alcott Avenue and Concord Avenue shall be mounded to a minimum height of three feet above the parking lot surface grade and shall be landscaped with dense plantings, including taller evergreen shrubs, similar to the utility screening details shown on sheet 6 of the landscape drawings. Landscape retaining walls shall be provided as necessary to continue mounding past and/or around utility boxes and other appurtenances.
4. The ground-mounted uplights (UL on the site plan) and roof mounted mechanical screen lights (SL on the site plan), shall be removed from the project. Alternative types of lighting that comply with code requirements may be substituted in these areas on the building plans, subject to staff approval.
5. The parking lot light fixture shown in front of the bicycle parking at the north, rear corner of the building shall be relocated to ensure unobstructed access to the bicycle parking.
6. The future planned expansions of the main building shall be subject to administrative review, so long as staff finds them to be consistent with the approved design.
7. The applicant shall comply with all applicable mitigation measures from the Meriam Park Environmental Impact Report and Mitigation Monitoring Program. These include AES-1, AIR-1a, AIR-1b, AIR-1c, AIR-1d, AIR-2, BIO-8, CUL-2a, CUL-2b, CUL-3, CUL-4, HYDRO-3, and UTIL-1b, which are incorporated herein by reference.

PUBLIC CONTACT

Public notice requirements are fulfilled by placing a notice on the project site and by posting of the agenda at least 10 days prior to the ARHPB meeting.

ATTACHMENTS

- A. Location Map
- B. Subdivision Map
- C. Architect's Narrative
- D. Overall Site Plan
- E. Floor Plan
- F. Landscape Plans (6 sheets)
- G. Color Building Elevations (3 sheets)
- H. Project Colors
- I. Color Perspectives (7 sheets)
- J. Building Cross Section
- K. Material Specifications (6 pages)
- L. Lighting Details (10 pages)
- M. Dock Height Commercial Building (CMC 19.86.300)
- N. Meriam Park EIR Mitigation Measures (4 pages)

DISTRIBUTION

Internal (3)

Mark Wolfe, Community Development Director

Mike Sawley, Associate Planner

Files: AR 15-01

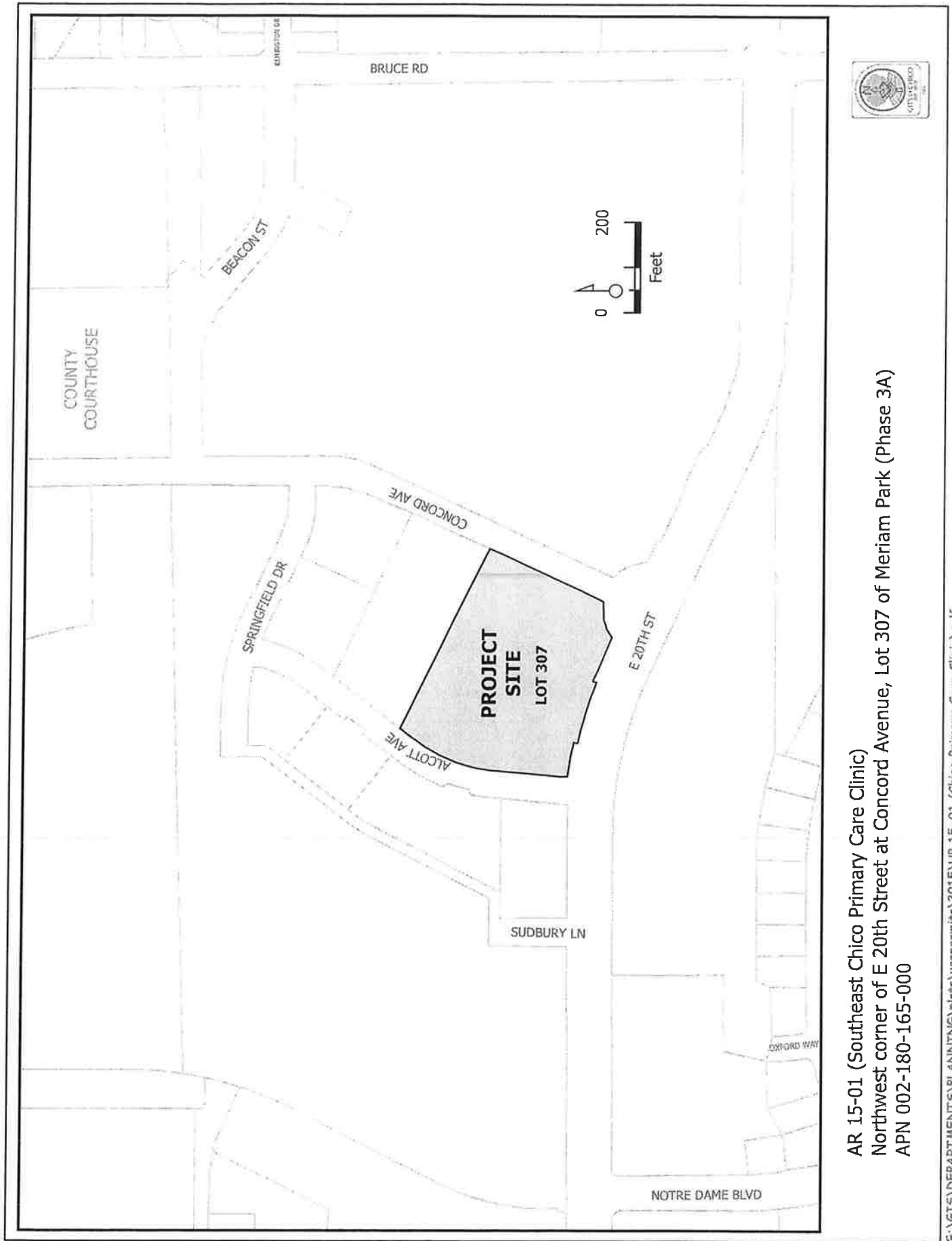
External (3)

NorthStar, Attn: Larry Coffman, 111 Mission Ranch Blvd. Suite 100, Chico, CA 95926

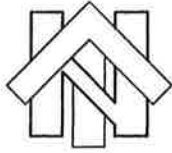
Thomas Phelps, P.O. Box 8328, Chico, CA 95927

NVIH, Attn: Nate Sawyer, 207 N. Butte Street, Willows, CA, 95988

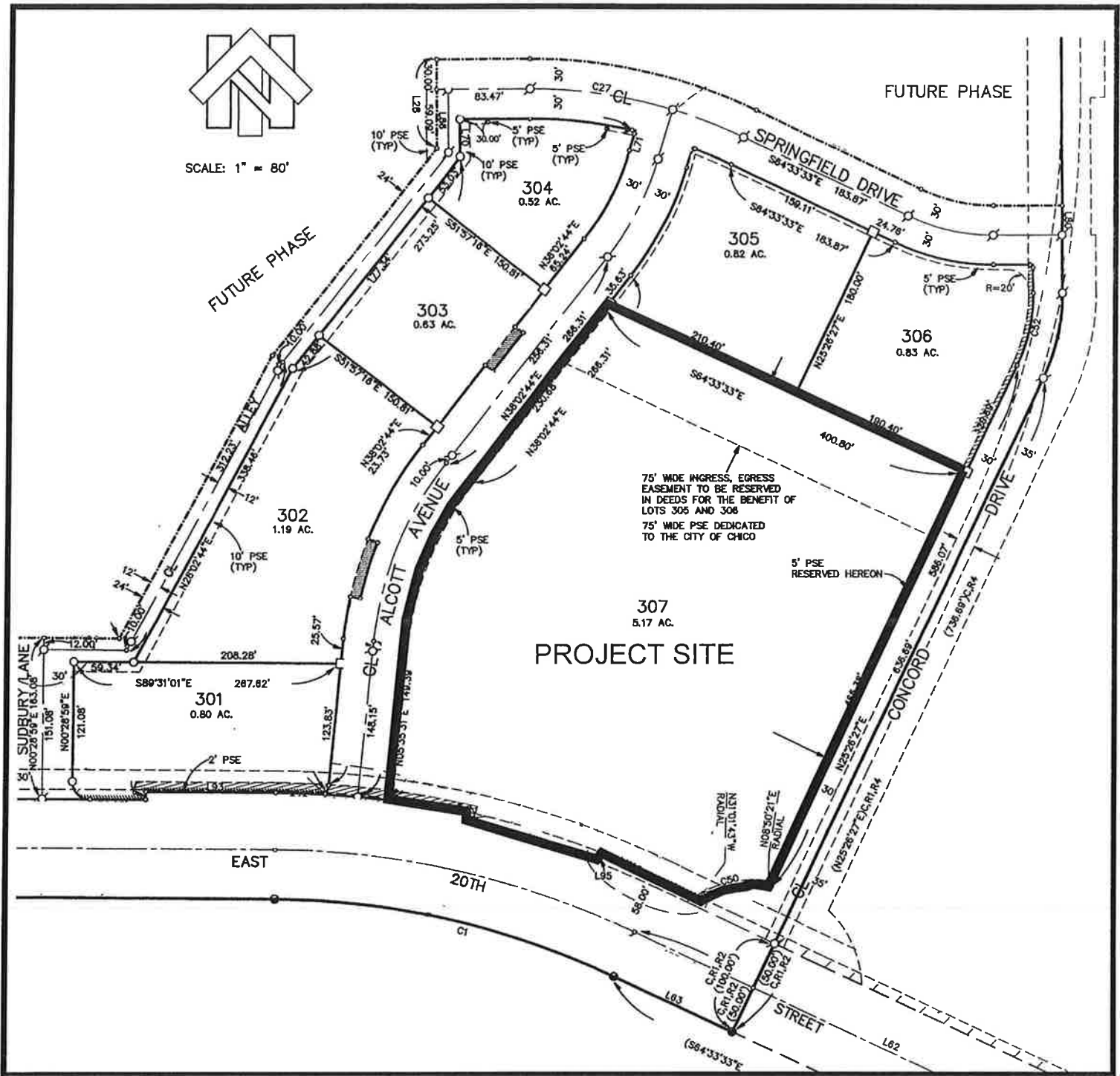
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AR 15-01 (Southeast Chico Primary Care Clinic)
 Northwest corner of E 20th Street at Concord Avenue, Lot 307 of Meriam Park (Phase 3A)
 APN 002-180-165-000



SCALE: 1" = 80'



**AR 15-01 (Southeast Chico Primary Care Clinic)
NW corner of E. 20th Street and Concord Avenue
Lot 307 of Meriam Park Phase 3A**

Introduction.....

Northern Valley Indian Health, a group of four Native American tribes, is planning to build a campus at Meriam Park on property bounded by 20th Street on the south, Alcott Ave on the west, Concord Ave. on the east and Springfield on the north. The first NVIH project will be the Southwest Chico Primary Care Clinic at the corner of 20th Street and Concord Ave. This building will be an "L" shaped building of approximately 44,000 square feet, oriented toward the corner of 20th and Concorde. NVIH additionally owns 2 parcels directly north of this project site that will be part of their campus and are anticipated to be medically related facilities. Three parcels abutting Alcott Ave, west of this project site are owned by the Mechoopda Tribe, who are part owner in NVIH. Mechoopda's master plan is for three buildings, when completed along with NVIH's campus, will create a wonderful community of Native American businesses with buildings of common architectural language and common goals of providing important services to Chico and the surrounding communities.

TND Zoning Requirements.....

The approved Regulating Plan for the project, under Meriam Park's Traditional Neighborhood Development, is designated as "Core". Medical Services are a permitted use within the "Core". NVIH proposes to use the "Dock Height Commercial Building" building type (19.86.340), to implement the "Civic Building" building type (19.86.360), which is permitted in the "Core" area. Under the Dock Height Commercial Building designation, the following restrictions apply: BUILDING PLACEMENT: 1.) the 'front build-to line' requires that the building façade be between 5 feet and 12 feet from the back of sidewalk. 2.) Encroachment over the sidewalk may be allowed. 3.) Side Setbacks: None required, 5 feet if provided. 4.) Rear setback, none required, 5 feet if provided. BUILDING SIZE AND MASSING: 1.) Building shall be 1 story with a maximum height of 35 feet. PARKING: Parking and on-site circulation shall be at least 5 feet back of the sidewalk. However, there is a high likelihood that this building will be expanded along both Concord and 20th in the near future due to growth in the primary medical care market. We feel that using a 28' setback for parking along Concord and Alcott in conjunction with appropriate landscaping will conceal the parking in lieu of constructing a masonry wall. From an economic and conservation of resources point of view, building a masonry wall, then removing that wall (for building expansion) compared to constructing and removing landscaping further strengthens the reasoning for our 28' parking setback solution.

The main pedestrian entrance shall be directly from the street, pursuant to TND requirements.

TND Compliance.....

The building and its relationship to the back of sidewalk/front build to line is complicated by several issues. First, the geometry of the site, as the Concord and 20th property lines don't intersect at a 90 degree angle, the curvature of 20th Street, and an 11 foot wide utility easement, from the back of sidewalk, along 20th street. Second, the client's functional needs requires patients and visitors come to an internal central entry/control point, then be dispersed into the various programs provided. Third, the ability to expand the programs dictate that anticipated future growth will extend the

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building along 20th Street and Concorde. Fourth, the TND required main pedestrian entry from the street, while access from on-site parking coming from the interior of the property. Fifth, there is a substantial grade differential between the back of sidewalk and the building floor slab along 20th Street. This differential becomes greater as you move east to west. The grade differential on Concord is much less.

Responding to the above issues, as well as providing efficient internal functional relationships and patient and staff movement, has led us to this building foot print. Our Front/Build to line is along 20th Street. Our building is up against the easement at one end of the West (Medical) Wing along 20th Street and 7'-8' behind the easement at the continuous portion of the façade along 20th Street. Along 20th Street, the width of the easement and the additional separation from the easement to the building will help us 'soften' the vertical transition between the pedestrian sidewalk and the floor of the building. DG 1.1.15. The building placement near the public sidewalk and the bus stop adds to the pedestrian friendly environment. DG 1.1.13. Bicycle access with bike parking, some of which are covered is important to the tribes. We have included covered bicycle parking on the north side of the West Wing and also in the Staff Exterior Break Area.

There will be no encroachment over the sidewalk.

Setback (Side Setback) on Concorde is 12', which is greater than 5 feet minimum required for side setback in the TND.

Side Setback, along Alcott Ave for our Facility Support Building and Emergency Generator will be 5 feet behind the sidewalk.

Rear Setback has no building along a common property line. There will be an approximate 5' wide landscape buffer between the sidewalk and the property line.

Our building is a parapet wall design featuring parapets of various heights (15', 19' and 21') around the perimeter of the building, augmented by roof screen walls set back from the perimeter parapet walls to screen the rooftop equipment. The tallest screen is 30 feet above the finish floor, well within the 35 foot maximum for this Building Type. Our intent is to make the building exhibit the overall height and massing of a two-story building.

Parking has been located behind the building and held back a minimum of 28 feet from Alcott and Concord and will be screened with landscaping. DG 1.1.14 and TND. Required parking for the project is 1.6 spaces per 1000 square feet of building area. Therefore we are required to have $43.5 \times 1.6 = 70$ spaces. We have 181 on-site spaces. Additionally, there are 20 street parking spaces available. It is important to note that at full occupancy and utilization of this building, before any expansion, there will be 120 - 140 employees that need vehicle parking.

Bicycle Parking shall be provided for 20% of the 70 required car spaces, therefore 14 spaces with 6 spaces covered. The bicycle parking will be dispersed at various locations around the site.

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Site Design.....

The project Site Design has been driven largely by compliance with the TND zoning requirements. The building has been located very close to the south and east property lines as described above. DG 1.1.13, 1.1.14, and 1.1.15.

This project is the second step of many steps in the development of a Native American Business Community at Meriam Park here in Chico. Previously approved was the Mechoopda Tribe's Administration Building on Alcott Ave. The first paragraph of this narrative speaks to this Community. DG 1.1.11 Community Identity.

Views of the foothills to the east create a visual connection with the land that was inhabited by these tribes long ago. DG 1.1.12

Parking will be placed behind the primary building as well as the ancillary structures along Alcott Ave. Additionally, the parking will be at least 28 feet back of the sidewalk to allow landscape screening. DG 1.1.14. A Porte Cochere at the primary entrance provides vehicular patient drop-off/pick-up sheltered from rain and sun. A Facility Support Building and Yard and an Emergency Generator Enclosure front on Alcott Ave, with a masonry wall to screen the yard from the street. DG 1.1.14. The internal fence and gates for the yard will be black vinyl coated chain link. Visibility of the vehicles in the yard is important to the tribe's security concerns.

We have provided outdoor people spaces at four locations on the site. First, a large circular trellis structure, evocative of Native American shelters of the past in this valley, surrounding a circular gathering area around a water feature or ceremonial fire pit, TBD. Additional seating and pedestrian paths surrounded by native landscaping with pedestals for displaying Native American art. This element is meant to identify the primary pedestrian path to the building from on-site parking. This structure offers an area for quiet contemplation and reflection. Adjacent to the Main Entry, on either side will be water features to create a calming effect prior to entering the Clinic. DG 1.1.31, 1.1.32, 1.1.33 and 1.1.34.

Second, a Native American ceremonial area adjacent to Behavioral Health with a circular trellis above and a fire pit will provide a place for Native American rituals, as well as behavioral health healing processes. This area will be surrounded by an 8 foot high wall for privacy and safety during these ceremonies. DG 1.1.33.

Third, an Outdoor Break Area has been created with building walls on three sides and a tall curvilinear wall on the fourth side to provide a quiet, safe outdoor area for staff to take a break from the hectic, stressful work taking place inside the building. D.G. 1.1.33.

Fourth, an Outdoor Break Area outside of the large conference room expands the functional options for breaks or even continuation of meetings and conversation in the outdoors. DG 1.1.33.

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Architectural Design Intent.....

This building, the first building on NVIH's campus, makes a strong statement about the Native American tribal Owners. Our intent is to blend historical elements into a contemporary medical clinic facility. The tribes have a great reverence for their history while at the same time looking to the future by providing medical care to their tribal members as well as the entire Chico Community.

We have used round architectural elements, both in plan and as exposed structural elements, paying homage to the tribal histories of structures that utilized tree trunks and branches in creating their various shelters. The "Round House", a very powerful cultural element, (also "Dance House"), used a tree trunk as a center column, with branches sloping down in a radial pattern to create a conical shaped roof. Other shelters also used curved branches to create walls and roofs to provide weather protection.

The message that we want to convey with our architectural language is the recognition of the ancient history of the local Native American community while expressing the bright future for the tribes and their rightful role as an important contributor to this community in the year 2015!

The architectural expression of our building is a "layered parapet wall design" with walls of varying heights that also advance and recede in plan, creating interesting massing, shadowing and textures. DG 2.2.25. The Roof is low slope behind the parapets with a "white" single-ply membrane that will reflect a substantial portion of solar gain in our hot summers. Rooftop HVAC is necessary to be able to respond to the internal functions. We have hidden the units with a screen that is similar to and setback from the exterior walls, including the same cornice expression. Given the TND's desire for 2 and 3 story buildings in the "Core", our building and roof screen creates an overall scale of a 2 story building. DG 2.2.11, DG 2.2.22, DG 2.2.27, DG 2.2.31.

The Electrical switchboard and the Fire Sprinkler Risers will be inside of the building, rain water leaders from the roof drains will be concealed inside of walls. DG 2.2.28. Electrical transformer, water backflow preventers and gas meter will be screen by landscaping.

The outbuilding in the Maintenance Yard and emergency generator enclosure have the same architectural treatment as the primary building. DG 2.2.33.

It is NVIH's desire to use stone, water, fire, and native plants, all important cultural elements, for the project, within the budget constraints. After a long discussion, the tribe chose a 'stacked stone' rather than a field stone because this building is meant to speak their future as well as the past. This stone expression is used as full wall expressions, wainscots and column bases at the trellis structures.

We have used various trellis type architectural elements as homage to the past, however we are using steel rather than wood due to the desire to not fight the short life of exposed wood in this climate. This architectural device is used to make a cultural expression at entrances, ceremonials areas and as shading devices at windows. DG 2.2.23. A half round cornice expression is used at the top of parapet walls and at window sills, tying this feature to the round trellis elements.

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Water is used in small ponds on either side of the main pedestrian entry to the building. Fire? We are providing for a fire pit in the Behavioral Health ceremonial area and possibly in the ceremonial area on the primary pedestrian path from the parking.

Native plantings will be addressed by the Landscape Architect.

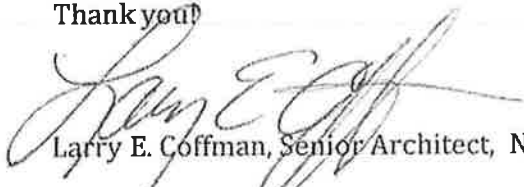
Colors! Native Americans, earth tones, no further explanation is necessary! Our drawing package illustrates the colors and their locations on the building. DG 2.2.32

The building walls are finished with cement plaster with acrylic finish coat to prohibit water from being absorbed into the plaster. The acrylic finish will have a "Light Lace" texture, colored to match our color selections. We will paint over the acrylic coat at the cornice and decorative wall details that will be finished in a "Santa Barbara" texture in contrast to the walls. Stacked Stone veneer walls at various locations provide an interesting contrasting color and texture to the adjacent plaster walls. Stone pedestals are used at the decorative trellis around the building.

Windows for the project are based on a square module that facilitate meeting the privacy concerns and responsibilities associated with medical services as well as being a strong aesthetic statement in concert with the square decorative elements on the building walls. The windows are a chocolate brown vinyl and the storefront fenestration is a bronze anodized finish. Dual glazed low-E, clear will be used throughout, augmented with obscure glass at Exam rooms.

The tribe and their design/build team proudly offer this project for your consideration and look forward to discussing the project at the next available meeting.

Thank you!



Larry E. Coffman, Senior Architect, NorthStar

Billson/NorthStar Design/Build Team



SITE LEGEND

- PROPERTY LINE
- - - EASEMENT
- ACCESSIBLE PATH OF TRAVEL
- PL OR PLQ 12' - 0" LED POLE MOUNTED LIGHT - SEE CUT SHEET
- BL BOLLARD MOUNTED LIGHT - SEE CUT SHEET
- UL GROUND MOUNTED UP LIGHT - SEE CUT SHEET
- RL ROOF MOUNTED MECHANICAL SCREEN LIGHT - SEE CUT SHEET
- DL WALL MOUNTED DOWN LIGHT - SEE CUT SHEET
- PCDL SOFFIT MOUNTED DOWN LIGHT - SEE CUT SHEET
- EL SOFFIT MOUNTED ENTRY LIGHT - SEE CUT SHEET
- HARDSCAPING, PARKING & DRIVE AISLE
- LANDSCAPE AREA - SEE LANDSCAPE DRAWINGS

SITE ANALYSIS

APN 002-180-165

- SITE COVERAGE SUMMARY**
- BUILDING AREA: 43,514 SF / 225,043 SF = 19.3%
 - PARKING AREA: 82,185 SF / 225,043 SF = 36.5%
 - MAINTENANCE YARD: 12,450 SF / 225,043 SF = 5.5%
 - LANDSCAPE AREA: 86,894 SF / 225,043 SF = 38.6%

- BUILDING AREA**
- MAIN BUILDING AREA: 41,765 SF
 - FACILITY SUPPORT BUILDING AREA: 1,749 SF

- TND ZONING COMPLIANCE**
- TND DESIGNATION: CORE
 - BUILDING TYPE: DOCK HEIGHT COMMERCIAL (19.86,340) via CIVIC BUILDING (19.86,360)
 - BUILDING HEIGHT: ONE STORY, 35' MAX.

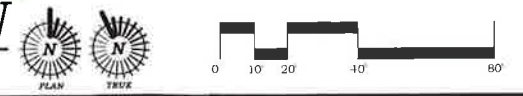
- BUILDING/ PARKING PLACEMENT**
- FRONT: BUILD-TO-LINE, 5' TO 12' FROM BACK OF SIDEWALK
 - SIDE SETBACKS: NONE REQUIRED, 5' MIN. IF PROVIDED
 - REAR SETBACK: NONE REQUIRED, 5' MIN. FROM ALLEY IF PROVIDED
 - PARKING SETBACKS: 28' MIN. FROM BACK OF SIDEWALK OR A DECORATIVE MASONRY STREET WALL 5' MIN FROM BACK OF SIDEWALK AND 5' MAX HEIGHT

- PARKING REQUIRED**
- PARKING FACTOR: 1.6 SPACES / 1,000 SF (CORE) = (43,514 SF / 1,000 SF) x 1.6 = 70 SPACES REQUIRED * 178 SPACES PROVIDED
 - ACCESSIBLE PARKING FACTOR: 1 SPACE / 25 REQUIRED (MEDICAL CARE WITHOUT SPECIFIC OUTPATIENT SERVICES) = 3 REQUIRED * 8 PROVIDED
 - BICYCLE PARKING FACTOR: 20% OF REQUIRED PARKING = 14 SPACES REQUIRED 14 > 5 THEREFORE 25% MUST BE COVERED * 12 COVERED SPACES PROVIDED * 8 UNCOVERED SPACES PROVIDED

SIGNAGE NOT A PART OF THIS PROPOSAL

OVERALL SITE PLAN

SCALE: 1" = 20'-0"



PRELIMINARY: NOT FOR CONSTRUCTION

NorthStar
Civil Engineers & Surveyors
11100 Wilshire Blvd., Suite 1000
Beverly Hills, CA 90210
Tel: 310.274.1111
Fax: 310.274.1112
www.northstar-engineers.com

SOUTHEAST CHICO
PRIMARY CARE CLINIC
NORTHERN VALLEY INDIAN HEALTH, INC.
EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

Drawn By: J. Walker
Checked By: J. Walker
Date: 01/10/2018
Title No: 13-185A
Project: OVERALL SITE PLAN

A1.0AR

DEPARTMENT LEGEND

- PEDIATRICS
- SHARED MEDICAL
- PRIMARY CARE
- ADMINISTRATION
- DENTAL
- OUTREACH
- BHS
- FACILITY SUPPORT MECH./ ELEC.
- CIRCULATION

PRELIMINARY
NOT FOR
CONSTRUCTION



SOUTHEAST CHICO
PRIMARY CARE CLINIC
NORTHERN VALLEY INDIAN HEALTH, INC.
EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

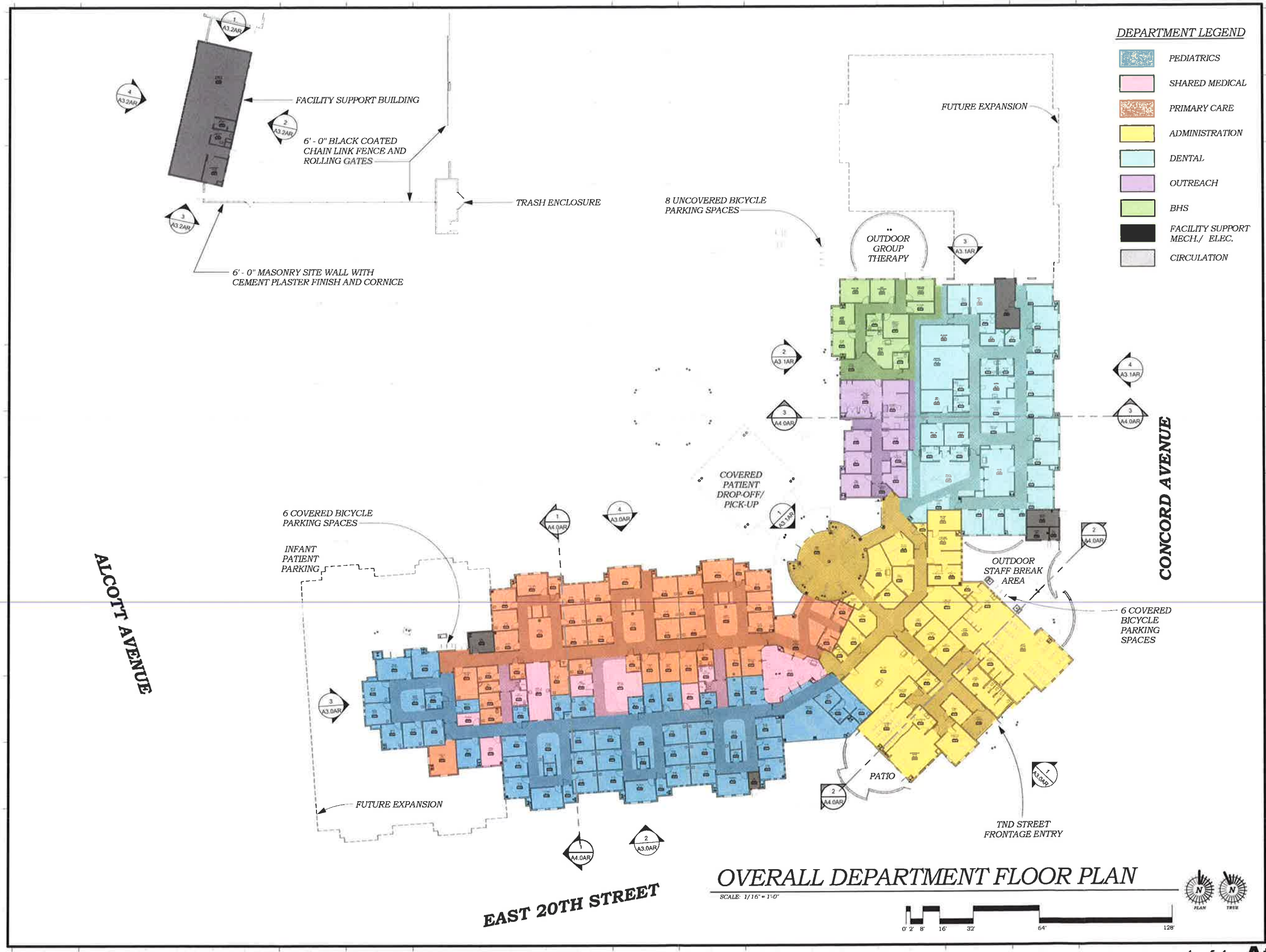
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SOUTHEAST CHICO
PRIMARY CARE CLINIC
NORTHERN VALLEY INDIAN HEALTH, INC.
EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

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A2.0AR



OVERALL DEPARTMENT FLOOR PLAN

SCALE: 1/16" = 1'-0"



THE DESIGN OF THIS PROJECT WAS PREPARED BY NORTHSTAR ENGINEERS AND ARCHITECTS, INC. (NORTHSTAR) UNDER THE CLOSE PERSONAL SUPERVISION AND CONTROL OF THE LICENSED PROFESSIONAL ENGINEER AND ARCHITECT, NORTHSTAR ENGINEERS AND ARCHITECTS, INC. (NORTHSTAR). THE DESIGN OF THIS PROJECT WAS PREPARED BY NORTHSTAR ENGINEERS AND ARCHITECTS, INC. (NORTHSTAR) UNDER THE CLOSE PERSONAL SUPERVISION AND CONTROL OF THE LICENSED PROFESSIONAL ENGINEER AND ARCHITECT, NORTHSTAR ENGINEERS AND ARCHITECTS, INC. (NORTHSTAR).

NOTES:

- * Contractor to verify all quantities from plan. Plant legend is for reference only.
 - ** PF: WUCOLS IV Water Use Classification of Landscape Species Evaluation List-2014; Region 2, Sunset Zone 8/9
 - *** NO SUBSTITUTIONS WITHOUT PRIOR WRITTEN CONSENT FROM THE LAND. ARCH.
- "I have complied with the criteria of the Model Water Efficient Landscape Ordinance and applied them for the efficient use of water in the landscape design plan"

PLANT LEGEND (proposed potential plantings)

| Key | Botanical Name - Native American / Common Name *** | Size | Qty.* | PF** | Symbol |
|-------------------|---|------|-------|------|--------|
| TREES | | | | | |
| T1 | Acer macrophyllum - Dapem / Big Leaf Maple | #15 | | M | |
| T2 | Acer x freemanii 'Autumn Blaze' - Autumn Blaze Red Maple | #15 | | M | |
| T3 | Aesculus californica - Polo / Calif. Buckeye | #15 | | L | |
| T4 | Cercis occidentalis - Lyll / Western Redbud | #15 | | M | |
| T5 | Cornus 'Eddie's White Wonder' - White Flowering Dogwood | #15 | | M | |
| T6 | Ginkgo biloba 'Princeton Sentry' - Princeton Sentry Ginkgo | #15 | | M | |
| T7 | Pinus sabiniana - Torii / Gray Pine | #15 | | M | |
| T8 | Quercus lobata - Lo:wi / Valley Oak | #15 | | M | |
| T9 | Quercus rubra - Red Oak | #15 | | M | |
| T10 | Quercus wislizenii - Cakawe / Interior Live Oak | #15 | | M | |
| T11 | Umbellularia californica - Pepperwood | #15 | | M | |
| SHRUBS | | | | | |
| S1 | Arctostaphylos d. 'Howard McMinn' - Dokdok Ypy / Manzanita Spp. | #5 | | M | |
| S2 | Cistus salvifolius - Sage Leaf Rock Rose | #5 | | M | |
| S3 | Heteromeles arbutifolia - California Toyon | #5 | | M | |
| S4 | Mahonia aquifolium 'Compacta' - Pompom / Oregon Grape | #5 | | M | |
| S5 | Rosa 'Flower Carpet Red' - Lilliclum / Red Flower Carpet Rose | #5 | | M | |
| S6 | Salvia clevelandii - Cleveland sage | #2 | | M | |
| S7 | Teucrium fruticans - Germander | #5 | | M | |
| PERENNIALS | | | | | |
| P1 | Achillea millefolium - Yarrow | #1 | | M | |
| P2 | Asclepias speciosa - Milkweed | #1 | | M | |
| P3 | Carex Spp. - Sedge Grass | #1 | | M | |
| P4 | Equisetum hymale - Cakasaka / Horsetail | #1 | | M | |
| P5 | Festuca ovina 'Elijah Blue' - Blue Fescue | #1 | | M | |
| P6 | Iris douglasiana - Pacific Iris | #1 | | M | |
| P7 | Pennisetum a. 'Little Bunnie' - Dwarf Fountain Grass | #1 | | M | |
| P8 | Muhlenbergia rigens - Deer Grass | #5 | | M | |
| P9 | Zauschneria californica - California Fuschla | #1 | | M | |
| P10 | Nassella tenuissima - Mexican Feather Grass | #1 | | M | |
| VINES | | | | | |
| V1 | Ficus pumila - Creeping Fig | #5 | | M | |
| V2 | Parthenocissus tricuspidata 'Veitchii' - Little Leaf Boston Ivy | #5 | | M | |

GROUND COVERS Size PF**

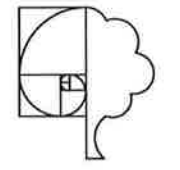
| | | | | |
|-----|--|----|---|--|
| GC1 | | #1 | L | Arctostaphylos densiflora 'Pt. Reyes' - Manzanita Plant 1 gal. @ 36" o.c. |
| GC2 | | #1 | L | Baccharis pilularis 'Twin Peaks #2' - Coyote Bush Plant 1 gal. @ 36" o.c. |
| GC3 | | #1 | L | Rosmarinus officinalis 'Prostratus' - Trailing Rosemary Plant 1 gal. @ 36" o.c. |
| GC4 | | 4" | / | Annual color - seasonal availability Plant 4" pot @ 12" o.c. |

SOD LAWN

- Bolero Plus Sod
90% 'Bolero' Dwarf Fescue
10% Kentucky Bluegrass

NATIVE MOW-FREE

- June grass- Koeleria macrantha
- Purple needlegrass- Nassella pulchra
(California's State Grass)
- Nodding needlegrass- Nassella cernua
- Molate fescue- Festuca rubra
- DELTA BLUEGRASS
- COMPANY
(209) 469-7979
1-800-637-8873
FAX: (209) 469-7978

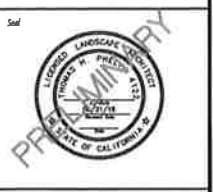


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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
 LANDSCAPE IMPROVEMENT PLANS
 20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
 CHICO, CALIFORNIA

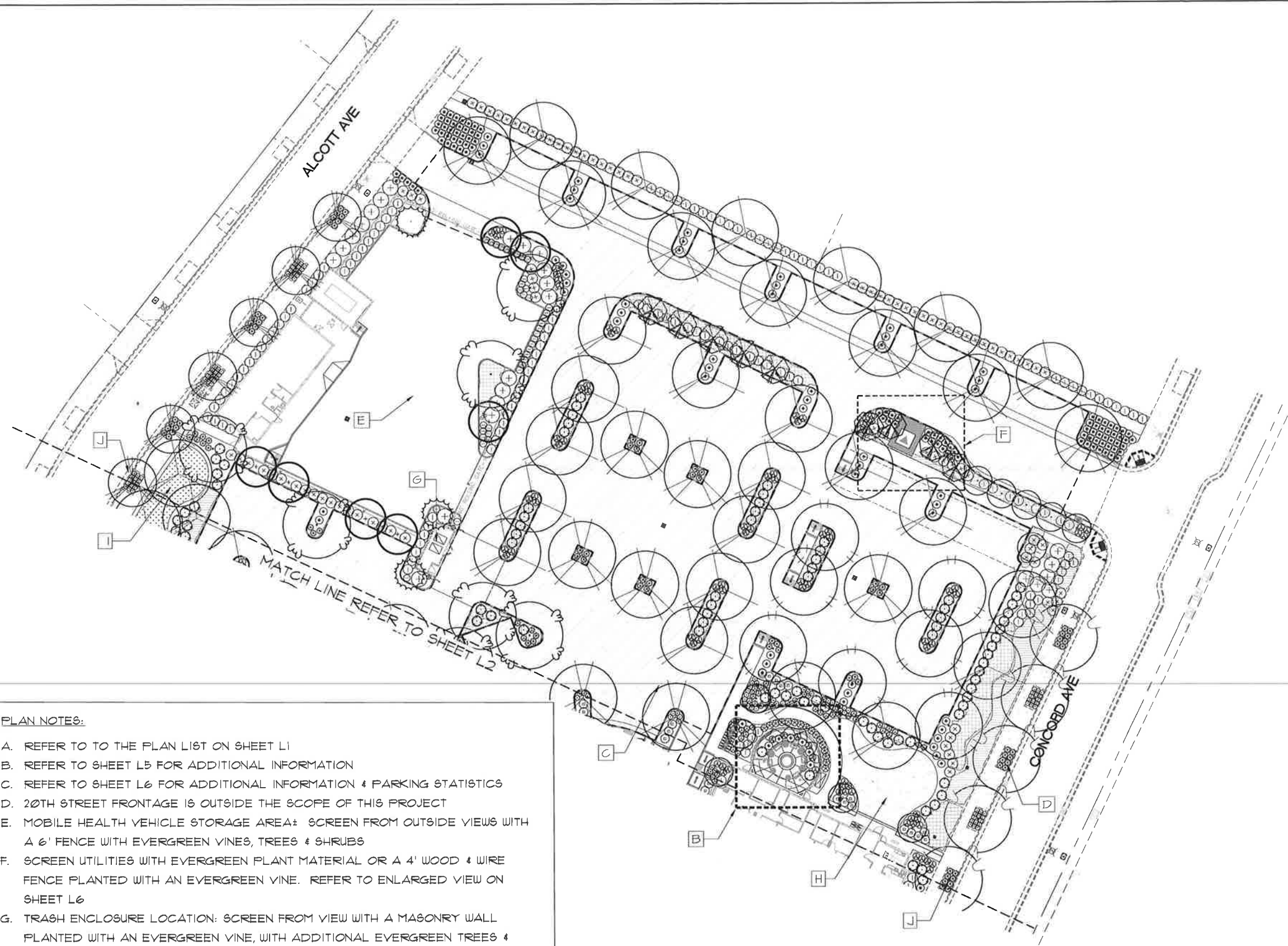
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Sheet Title
LANDSCAPE MASTER PLAN



| No. | Date | Revisions |
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| Project Mgr.: THP | Sheet No.: |
| Drawn by: THP | |
| Scale: 1/30 | |
| Date: 3/12/15 | |
| File Name: | of 6 sheets |



- PLAN NOTES:**
- A. REFER TO TO THE PLAN LIST ON SHEET L1
 - B. REFER TO SHEET L5 FOR ADDITIONAL INFORMATION
 - C. REFER TO SHEET L6 FOR ADDITIONAL INFORMATION & PARKING STATISTICS
 - D. 20TH STREET FRONTAGE IS OUTSIDE THE SCOPE OF THIS PROJECT
 - E. MOBILE HEALTH VEHICLE STORAGE AREA: SCREEN FROM OUTSIDE VIEWS WITH A 6' FENCE WITH EVERGREEN VINES, TREES & SHRUBS
 - F. SCREEN UTILITIES WITH EVERGREEN PLANT MATERIAL OR A 4' WOOD & WIRE FENCE PLANTED WITH AN EVERGREEN VINE. REFER TO ENLARGED VIEW ON SHEET L6
 - G. TRASH ENCLOSURE LOCATION: SCREEN FROM VIEW WITH A MASONRY WALL PLANTED WITH AN EVERGREEN VINE, WITH ADDITIONAL EVERGREEN TREES & SHRUBS
 - H. TURF AREA WITH ALUMINUM EDGING AT PERIMETER, REFER TO PLAN LEGEND
 - I. 'NATIVE NO-MOW' GRASSES, REFER TO PLAN LEGEND
 - J. CITY STREET TREES AS DIRECTED

LANDSCAPE MASTER PLAN - NORTH



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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
LANDSCAPE IMPROVEMENT PLANS
20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

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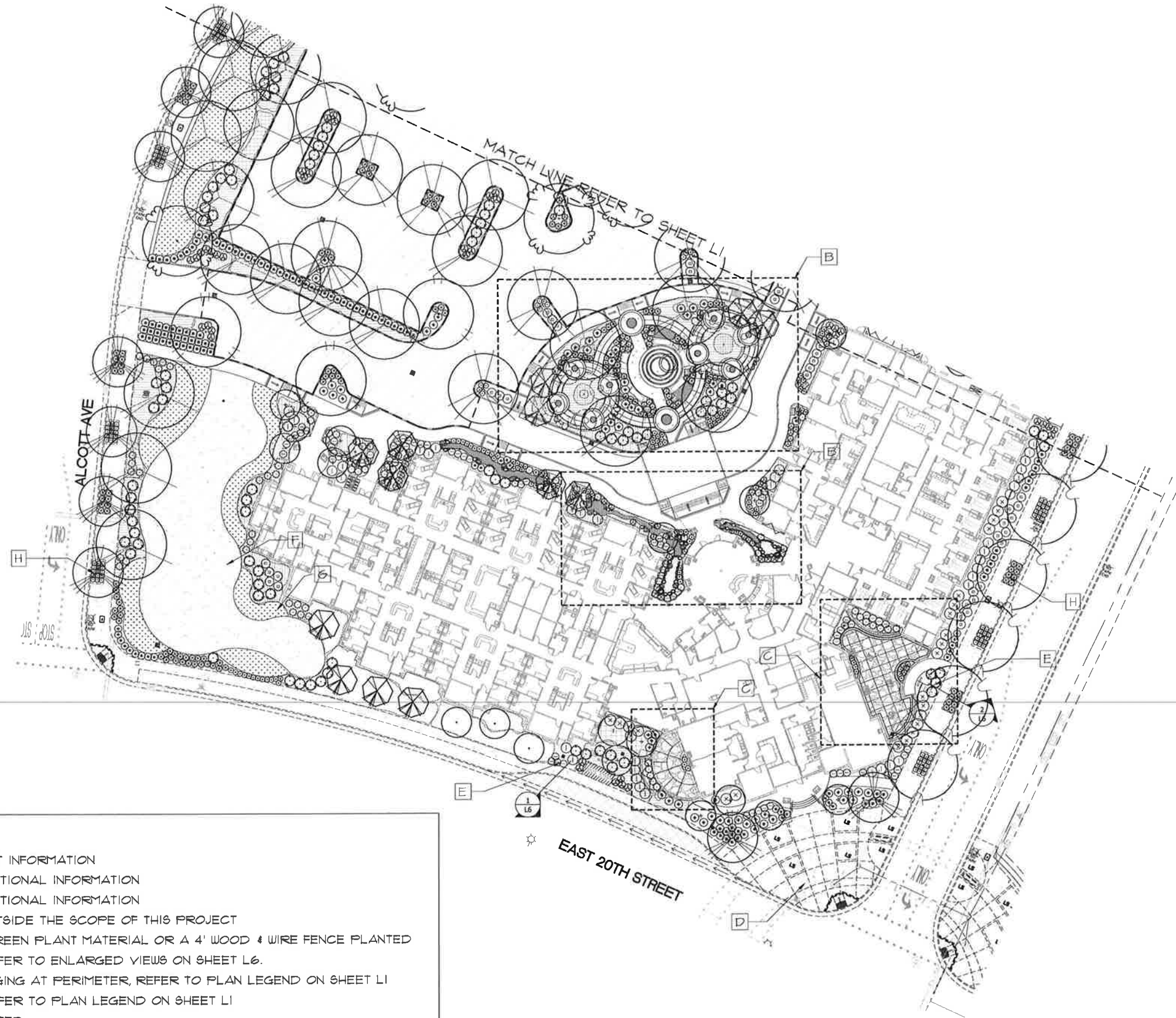
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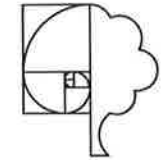
L2



PLAN NOTES:

- A. REFER TO SHEET L1 FOR PLANT INFORMATION
- B. REFER TO SHEET L4 FOR ADDITIONAL INFORMATION
- C. REFER TO SHEET L5 FOR ADDITIONAL INFORMATION
- D. 20TH STREET FRONTAGE IS OUTSIDE THE SCOPE OF THIS PROJECT
- E. SCREEN UTILITIES WITH EVERGREEN PLANT MATERIAL OR A 4' WOOD & WIRE FENCE PLANTED WITH AN EVERGREEN VINE. REFER TO ENLARGED VIEWS ON SHEET L6.
- F. TURF AREA WITH ALUMINUM EDGING AT PERIMETER, REFER TO PLAN LEGEND ON SHEET L1
- G. 'NATIVE NO-MOW' GRASSES, REFER TO PLAN LEGEND ON SHEET L1
- H. CITY STREET TREES AS DIRECTED

LANDSCAPE MASTER PLAN - SOUTH



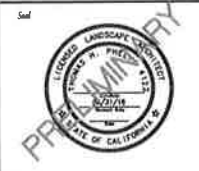
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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
LANDSCAPE IMPROVEMENT PLANS
20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

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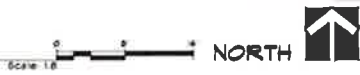


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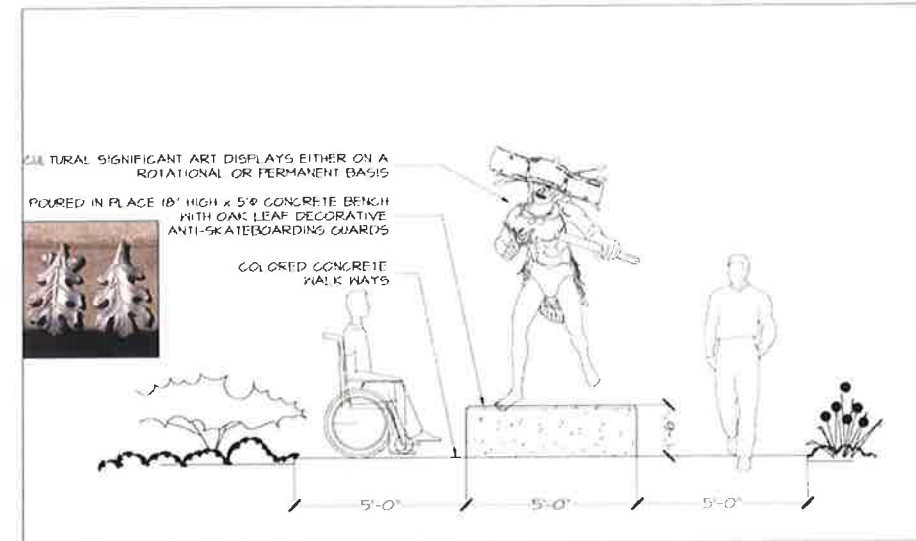
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| Project No.: THP | Sheet No.: |
| Drawn By: THP | 13 |
| Scale: 1:20 | |
| Date: 3/12/15 | |
| File Name: | of 7 sheets |



1 ENTRY PLAZA



- ENTRY PLAZA PLAN NOTES:
- A FUTURE COYOTE STATUE LOCATION INITIAL IMPROVEMENT WILL BE A 18" HIGH CIRCULAR RAISED PLATFORM THAT WILL FUNCTION AS A BENCH AND PEDESTAL FOR CULTURAL ART DISPLAY
 - B 5' WIDE COLORED CONCRETE WALKWAYS
 - C MOUNDED PLANTING AREAS
 - D PRECAST CONCRETE LOG BENCH REFER TO DETAIL 3 THIS SHEET
 - E CIRCULAR DECORATIVE CONCRETE PAVING
 - F CIRCULAR ELEMENT AT CENTER
 - G SHADE STRUCTURE FOOTING LOCATION REFER TO THE ARCHITECT'S RENDERINGS
 - H VARIOUS TREE PLANTINGS REFER TO THE PLAN LEGEND ON SHEET L1
 - I FUTURE KODOYAMPEN STATUE LOCATION REFER TO NOTE 1
 - J COVERED DROP OFF AREA REFER TO THE ARCH'S DUGS
 - K 5' WIDE CIRCULAR WALKWAYS AT EACH DISPLAY LOCATION WITH A 12" WIDE PERIMETER BAND OF ALTERNATE COLORED CONCRETE
 - L BENCH / PEDESTAL FOR CULTURAL ART DISPLAY
- NOTE
MOST PLANTINGS ARE CULTURALLY SIGNIFICANT TO THE MAIDU INDIANS AND ARE USED IN VARIOUS MEDICINAL AND PRACTICAL APPLICATIONS REFER TO THE PLANT LIST ON SHEET L1



2 DISPLAY PEDESTAL / BENCH

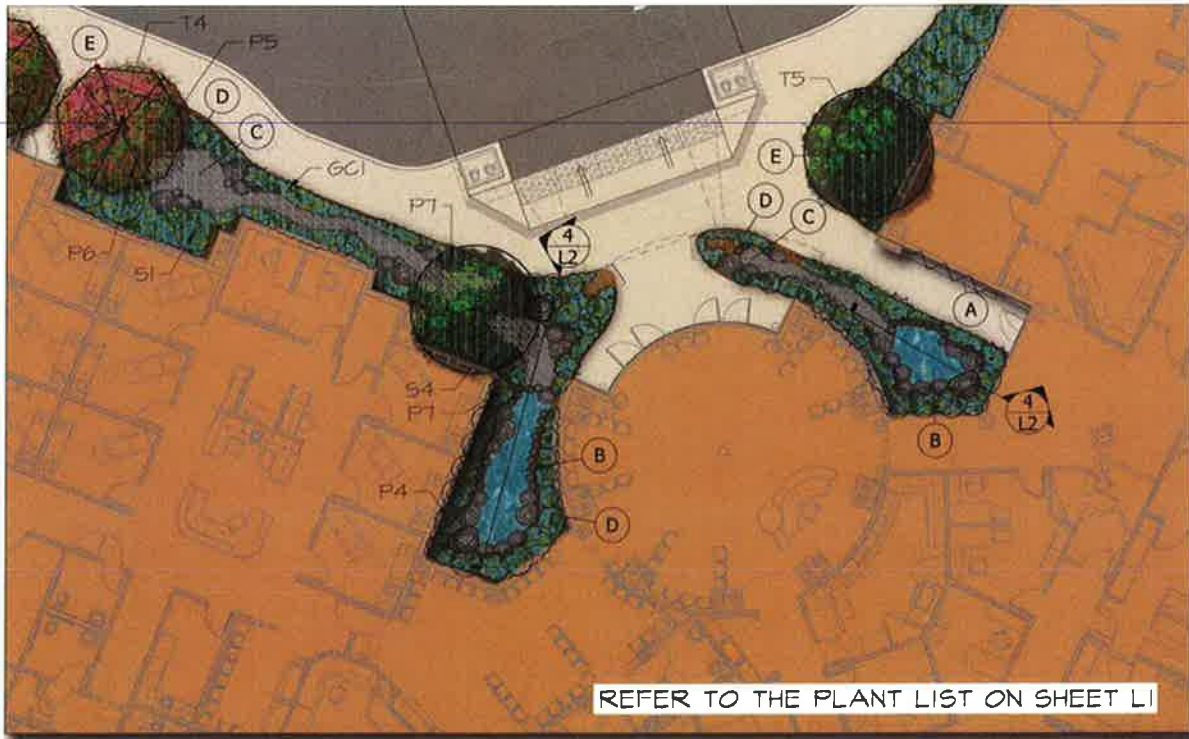


Gary Kimbrough
Sales Consultant for Landscape Structures Theme Concrete Products

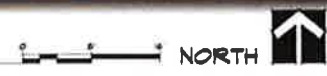
NSP3
www.nsp3.com

Toll Free: (877) 473-7619
Fax: (530) 246-0518
E-Mail: gary@nsp3.com

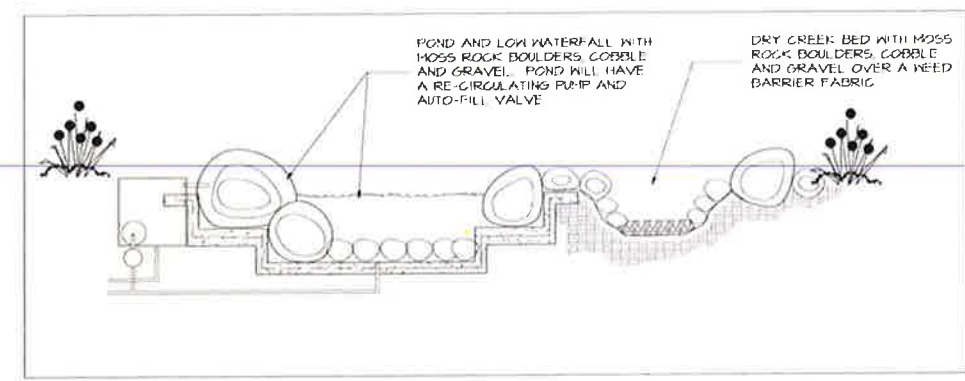
3 PRECAST CONCRETE SPLIT LOG BENCH



MAIN ENTRANCE AREA



- MAIN ENTRANCE PLAN NOTES:
- A PLANTING AREA INCLUDING 'GREEN SCREEN' OR OTHER VERTICAL TREATMENT
 - B POND AND LOW WATERFALL WITH MOSS ROCK BOULDERS COBBLE AND GRAVEL POND WILL HAVE A RE-CIRCULATING PUMP AND AUTO-FILL VALVE
 - C DRY CREEK BED WITH MOSS ROCK BOULDERS COBBLE AND GRAVEL OVER A WEED BARRIER FABRIC
 - D SHRUB AND OR GROUND COVER PLANTING AREA
 - E TREE PLANTING, REFER TO THE PLAN LEGEND ON SHEET L1



4 POND / WATERFALL & DRY CREEK BED

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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
LANDSCAPE IMPROVEMENT PLANS
20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

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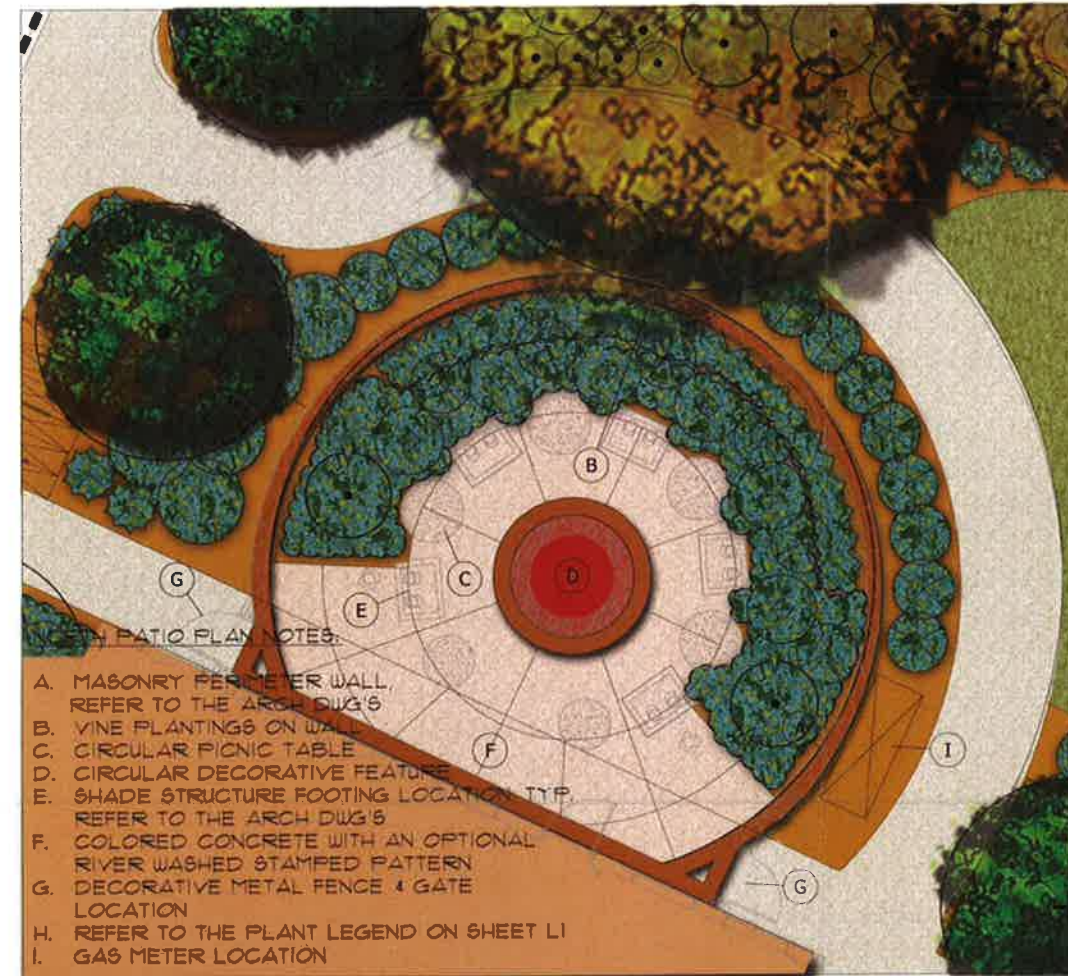
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LANDSCAPE AREAS



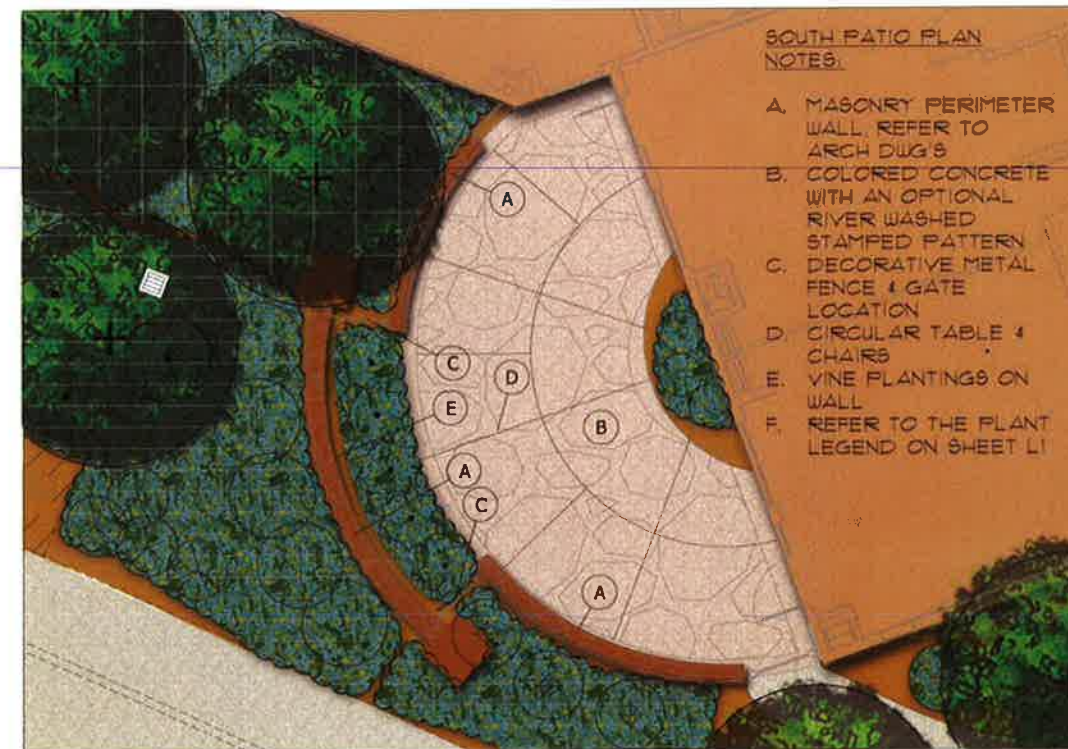
No. Date Revision

1 3/2/15

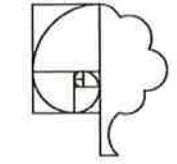
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File Name: 15-01.dwg



NORTH PATIO



SOUTH PATIO

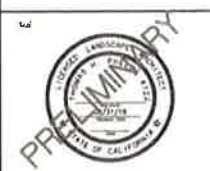


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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
LANDSCAPE IMPROVEMENT PLANS
20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

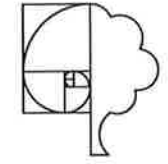
See listing on enclosure of plans for the project's Title & Plot
numbers and other information. The information on this sheet is
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Sheet No. LANDSCAPE AREAS



Project No. 1588
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Project Name: 1588

Sheet No. 15
Date: 3/2/15
Project Name: 1588



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NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
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20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

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Sheet Title: LANDSCAPE AREAS



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Drawn by: THP
Scale: AS NOTED
Date: 3/12/15
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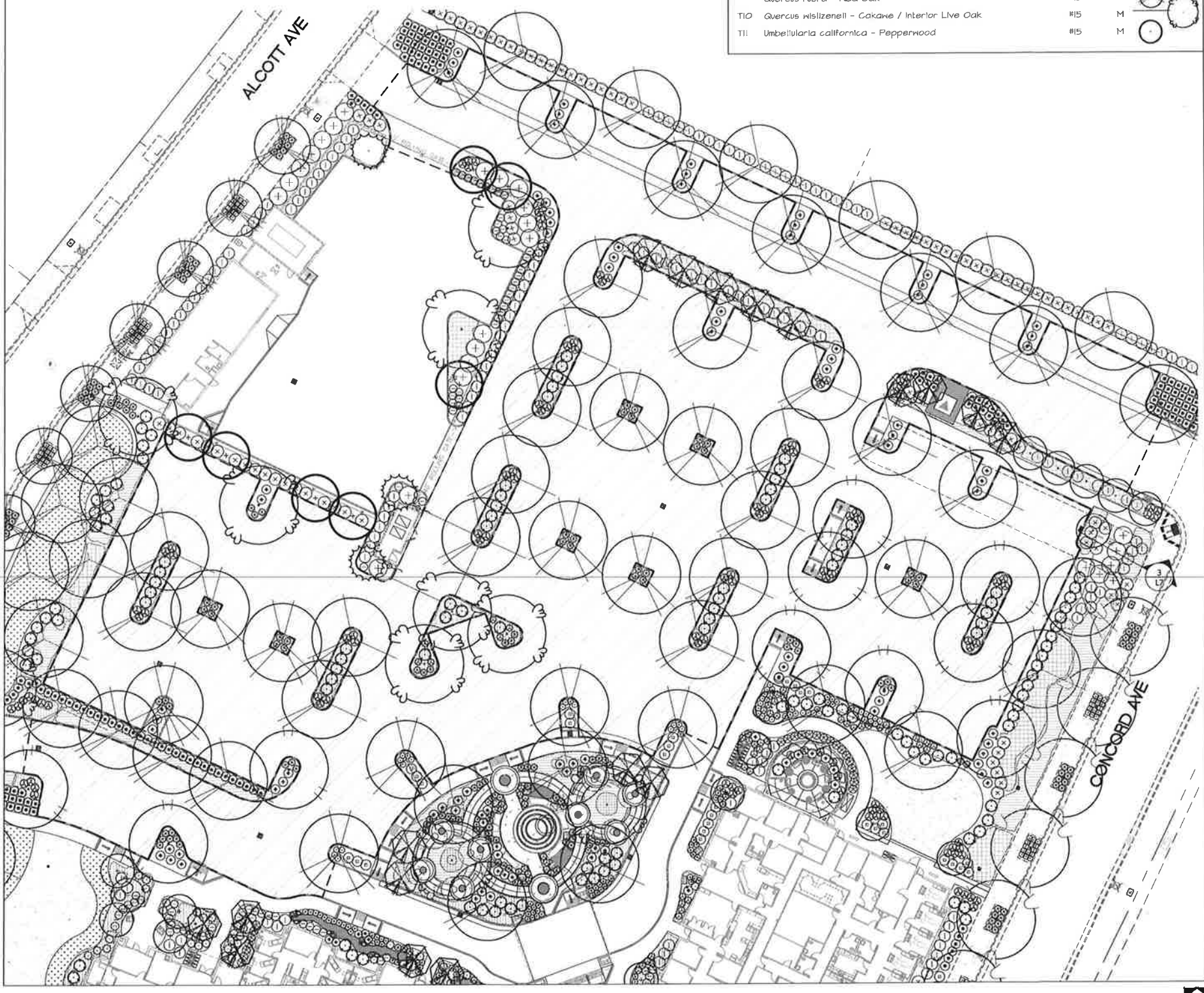
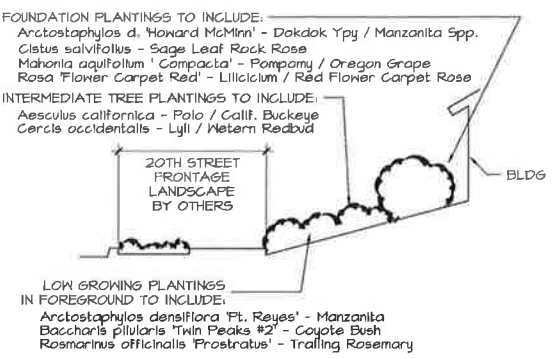
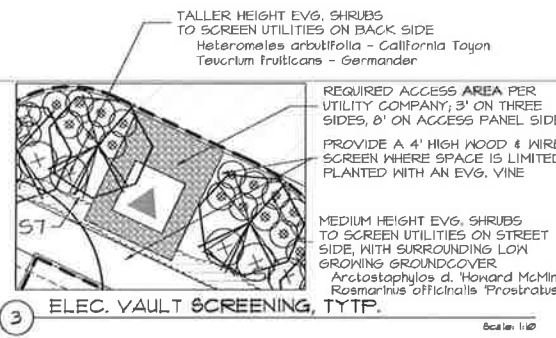
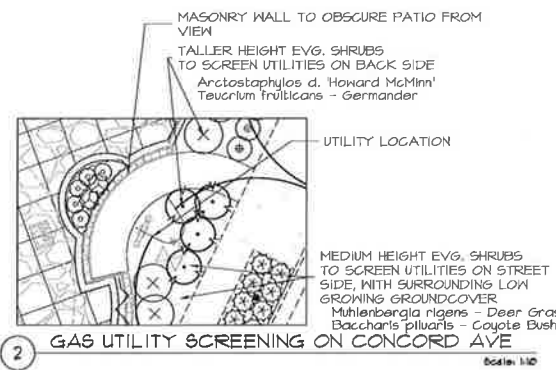
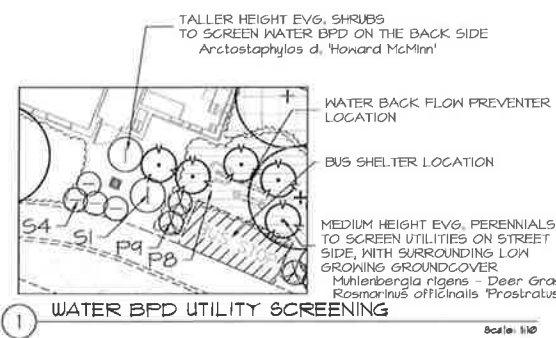
Shade Calculations: NVH

| Botanical Name | Common Name | Quantity | Shade Allowed | at 25% | at 50% | at 75% | at 100% | Total |
|--------------------------------------|-------------------|-----------|---------------|-----------|----------|-----------|---------|------------------|
| <i>Acer macrophyllum</i> * | Big Leaf Maple | 6 | 1,254 | 0 | 1 | 1 | 7 | 35,962.00 |
| <i>Quercus lobata</i> | Valley Oak | 56 | 1,254 | 0 | 3 | 0 | 16 | 23,963.00 |
| <i>Quercus rubra</i> * | Red Oak | 32 | 1,254 | 0 | 25 | 0 | 17 | 23,772.00 |
| <i>Quercus wislizenii</i> | Interior Live Oak | 4 | 707 | 0 | 0 | 0 | 4 | 2,828.00 |
| <i>Umbellularia californica</i> * | Peppercorn | 4 | 707 | 0 | 1 | 0 | 0 | 1,414.00 |
| Total Shade Allowed | | 64 | 0 | 28 | 1 | 44 | | 67,856.00 |
| parking lot area to be shaded | | | | | | | | 22,185.00 |
| 50% shade required | | | | | | | | 41,092.50 |
| 1/4 Shade Provided | | | | | | | | 81.96% |

1. Sunset Western Garden Book 2012, V.11, page 138-139 for a 50' wide
2. Sunset Western Garden Book 2012, V.12, page 549, 251 for a 50' wide
3. City of Chico Approved Street Tree Species List: 6-09-1422-13

PLANT LEGEND (proposed potential plantings)

| Key | Botanical Name - Native American / Common Name *** | Size | Qty | PF** | Symbol |
|-----|---|------|-----|------|--------|
| T1 | <i>Acer macrophyllum</i> - Dapem / Big Leaf Maple | #15 | M | | ○ |
| T2 | <i>Acer x freemanii</i> 'Autumn Blaze' - Autumn Blaze Red Maple | #15 | M | | ○ |
| T3 | <i>Aesculus californica</i> - Palo / Calif. Buckeye | #15 | M | | ○ |
| T4 | <i>Cercis occidentalis</i> - Lyll / Western Redbud | #15 | M | | ○ |
| T5 | <i>Cornus 'Eddie's White Wonder'</i> - White Flowering Dogwood | #15 | M | | ○ |
| T6 | <i>Ginkgo biloba</i> 'Princeton Sentry' - Princeton Sentry Ginkgo | #15 | M | | ○ |
| T7 | <i>Pinus sabiniana</i> - Tani / Gray Pine | #15 | M | | ○ |
| T8 | <i>Quercus lobata</i> - Lo-wi / Valley Oak | #15 | M | | ○ |
| T9 | <i>Quercus rubra</i> - Red Oak | #15 | M | | ○ |
| T10 | <i>Quercus wislizenii</i> - Cakawe / Interior Live Oak | #15 | M | | ○ |
| T11 | <i>Umbellularia californica</i> - Peppercorn | #15 | M | | ○ |





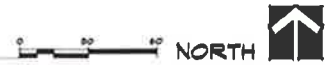
LANDSCAPE MASTER PLAN

PLANT LEGEND (proposed potential plantings)

Botanical Name - Native American / Common Name ***

- Acer macrophyllum - Dapem / Big Leaf Maple
- Acer x freemanii 'Autumn Blaze' - Autumn Blaze Red Maple
- Aesculus californica - Polo / Calif. Buckeye
- Cercis occidentalis - Lyll / Western Redbud
- Cornus 'Eddie's White Wonder' - White Flowering Dogwood
- Ginkgo biloba 'Princeton Sentry' - Princeton Sentry Ginkgo
- Pinus sabiniana - To:ni / Gray Pine
- Quercus lobata - Lo:ni / Valley Oak
- Quercus rubra - Red Oak
- Quercus wislizenii - Cakane / Interior Live Oak
- Umbellularia californica - Pepperwood

| Size | Qty.* | PF** | Symbol |
|------|-------|------|--------|
| #15 | M | | |
| #15 | M | | |
| #15 | L | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |
| #15 | M | | |



THOMAS H. PHELPS
LANDSCAPE ARCHITECTURE

California Landscape Architect #4112
P.O. Box 8138
Chico, CA 95921-8138
(530) 897-8077 Fax (530) 897-9588
thp@thp-lan.com
THPLANCA.com

NORTHERN VALLEY INDIAN HEALTH SOUTH CHICO CLINIC
LANDSCAPE IMPROVEMENT PLANS
20TH STREET AT ALCOTT AVE. TO CONCORD AVE.
CHICO, CALIFORNIA

Use File:
LANDSCAPE MASTER PLAN

Project No: THP
Client: THP
Scale: 1:30
Date: 3/12/15
Sheet No: 7

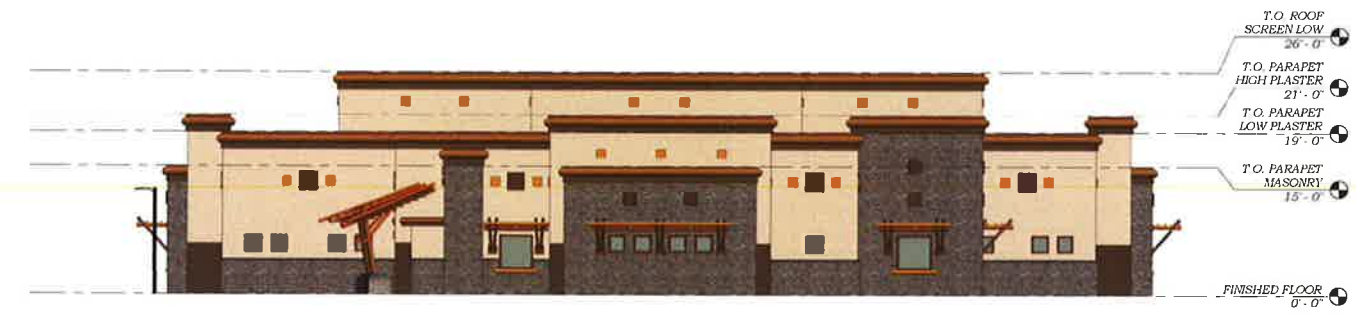
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SCALE: 1/8" = 1'-0"



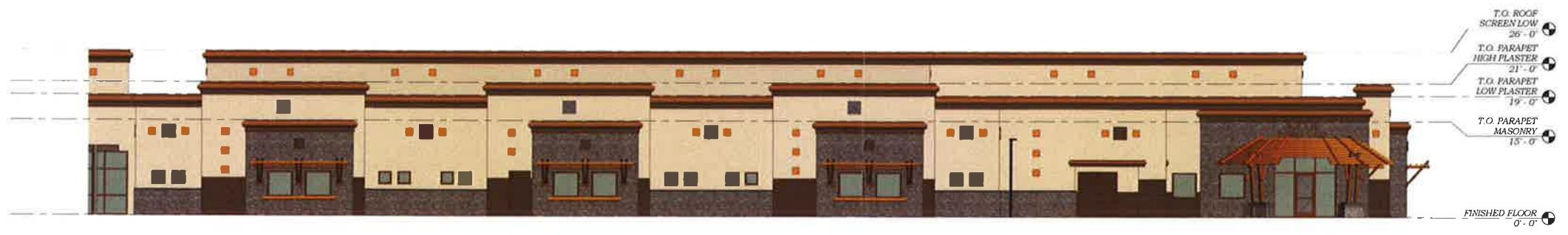
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SCALE: 1/8" = 1'-0"



3 WEST WING - SOUTHWEST
SCALE: 1/8" = 1'-0"



4 WEST WING - NORTH
SCALE: 1/8" = 1'-0"



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EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

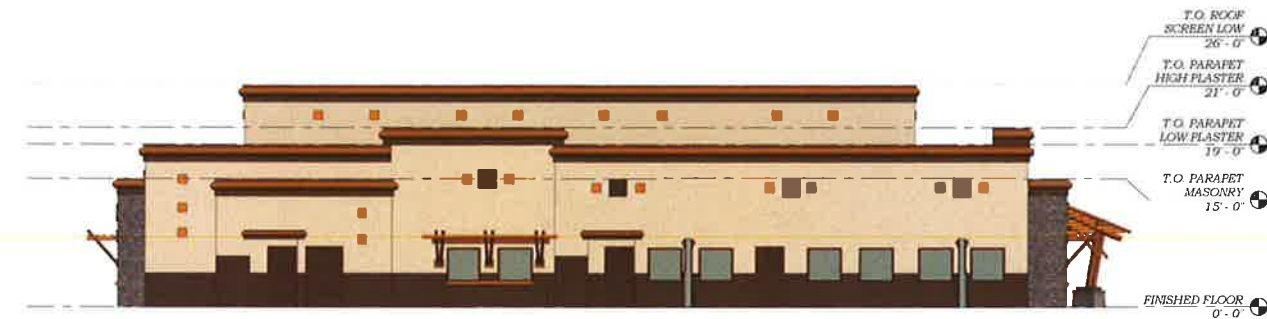
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|---------------|---------------------|
| Revision | Author |
| Checked By | Checked |
| Date | 2/20/25 |
| Job No. | 13-185A |
| Sheet | EXHIBIT 13-185A-001 |
| A3.0AR | |



1 ADMINISTRATION CORE - NORTHWEST
SCALE 1/8" = 1'-0"



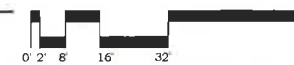
2 NORTH WING - WEST
SCALE 1/8" = 1'-0"



3 NORTH WING - NORTH
SCALE 1/8" = 1'-0"



4 NORTH WING - EAST
SCALE 1/8" = 1'-0"



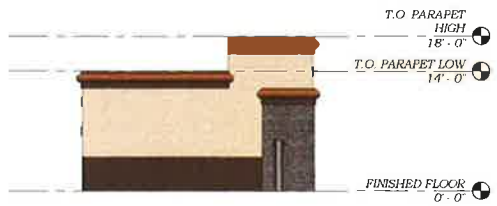
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Construction Services
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Chico, California
11100 UNIVERSITY BLVD., SUITE 100
CHICO, CA 95926
TEL: (530) 891-1111 FAX: (530) 891-1112
WWW.NORTHSTARCONSTRUCTION.COM

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13-185A
A3.1AR

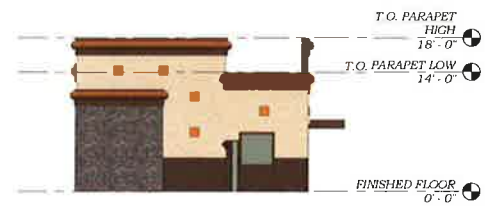
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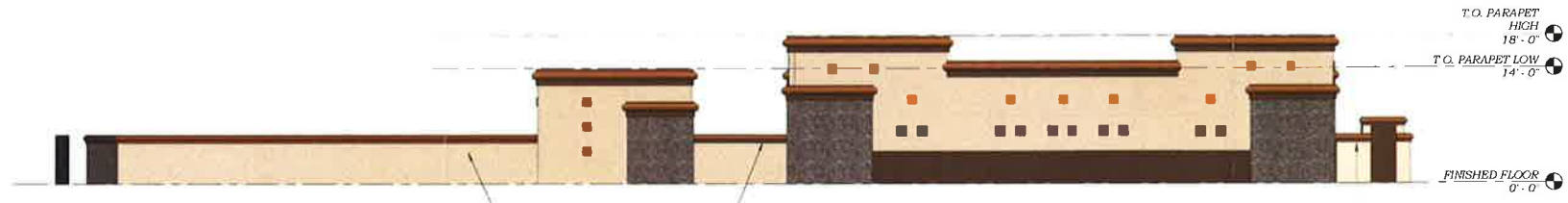
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2 SUPPORT FACILITY ELEVATION - EAST
SCALE 1/8" = 1'-0"



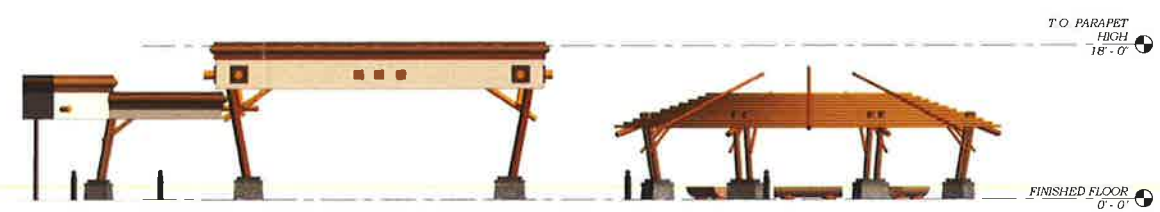
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SCALE 1/8" = 1'-0"



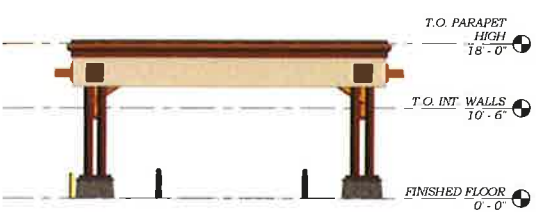
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SCALE 1/8" = 1'-0"



5 PORTE COCHERE ELEVATION - NORTH
SCALE 1/8" = 1'-0"



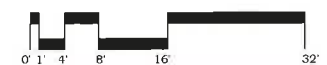
6 PORTE COCHERE ELEVATION - EAST
SCALE 1/8" = 1'-0"



7 PORTE COCHERE ELEVATION - SOUTH
SCALE 1/8" = 1'-0"



8 PORTE COCHERE ELEVATION - WEST
SCALE 1/8" = 1'-0"

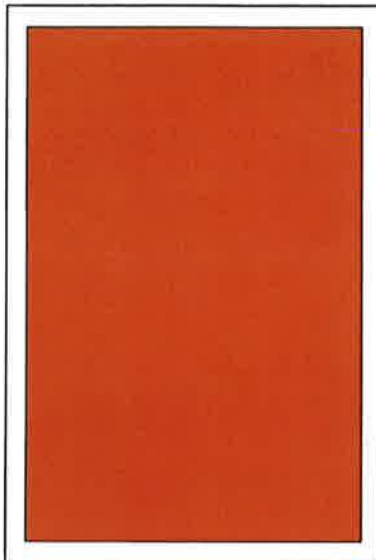


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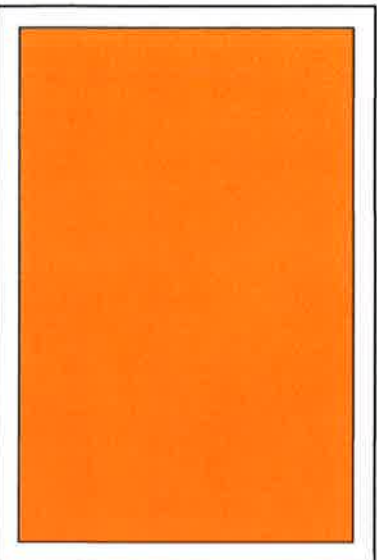
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Civil Engineers & Surveyors
A Division of NorthStar Group, Inc.
Chicago, California
1111 N. WILSON AVENUE, SUITE 100
CHICAGO, ILLINOIS 60642
TEL: (773) 344-1111 FAX: (773) 344-1112
WWW.NORTHSTARGROUP.COM

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NORTHERN VALLEY INDIAN HEALTH, INC.
EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

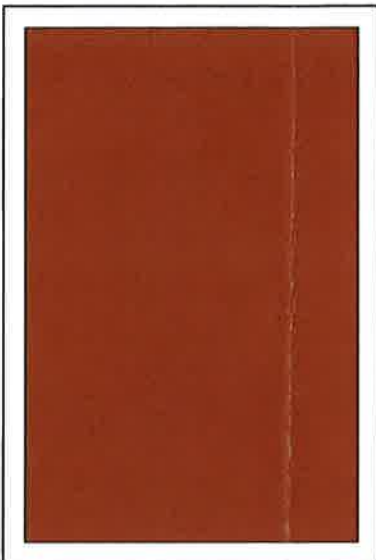
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| Project No. | 13-185A |
| Sheet No. | EXTERIOR ELEVATIONS |
| Scale | A3.2AR |



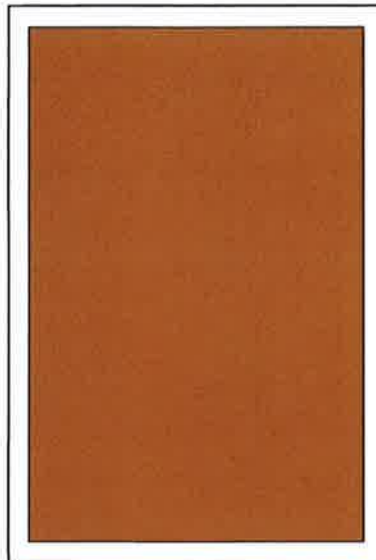
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COLOR: SUNFLOWER - SW 6678



COLOR: LEATHER BOUND - SW 6118



COLOR: HOPSACK - SW 6109



COLOR: SMOKEHOUSE - SW 7040

HALF-ROUND CORNICE
MATERIAL: CEMENT PLASTER OVER FOAM, TYP.
COLOR: HOPSACK - SW 6109

RECTANGULAR FRIEZE
MATERIAL: CEMENT PLASTER OVER FOAM, TYP.
COLOR: SMOKEHOUSE - SW 7040

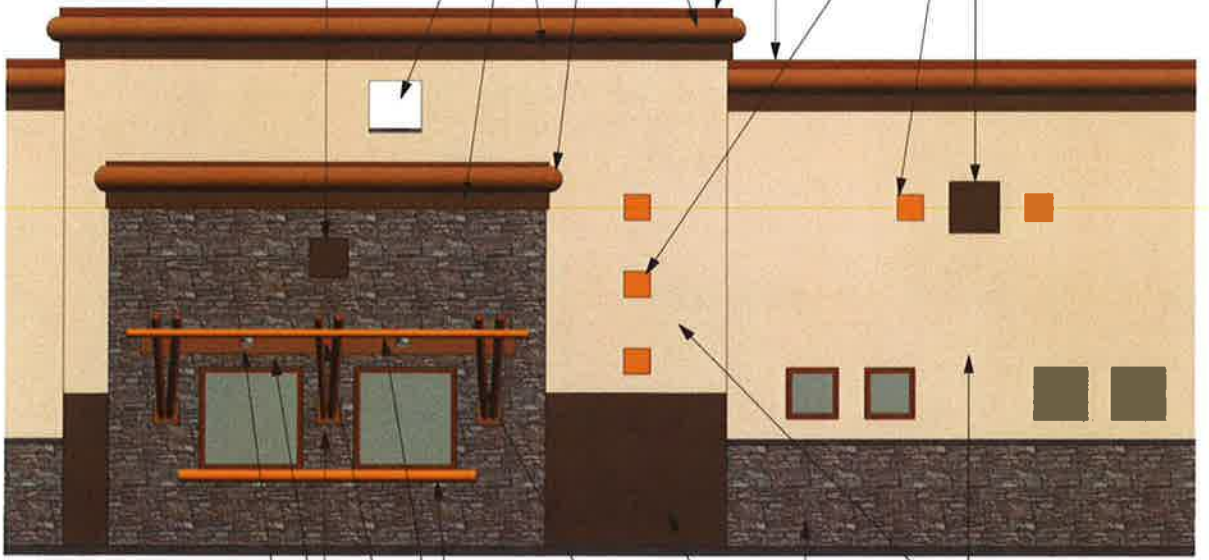
PARAPET OPENING

RECTANGULAR MEDALLION AT MASONRY
MATERIAL: CEMENT PLASTER OVER FOAM, TYP.
COLOR: GRIFFIN - SW 7026

PARAPET COPING
MATERIAL: SHEET METAL, TYP.
COLOR: LEATHER BOUND - SW 6118

SMALL RECTANGULAR MEDALLION AT PLASTER
MATERIAL: CEMENT PLASTER OVER FOAM, TYP.
COLOR: SUNFLOWER - SW 6678

LARGE RECTANGULAR MEDALLION AT PLASTER
MATERIAL: CEMENT PLASTER OVER FOAM, TYP.
COLOR: GRIFFIN - SW 7026



WALL MOUNTED
TRELLIS LIGHTING, TYP.

TRELLIS WALL PLATES, TYP.
COLOR: HOPSACK - SW 6109

SECONDARY TRELLIS SUPPORTS, TYP.
COLOR: COPPER MOUNTAIN - SW 6356

TRELLIS SHADING MEMBERS &
SILL ACCENT, TYP.
COLOR: SUNFLOWER - SW 6678

PRIMARY CEMENT PLASTER WALL FINISH
COLOR: IVOIRE - SW 6127

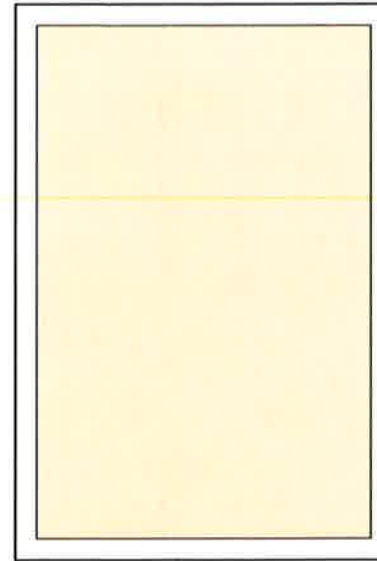
MASONRY VENEER, TYP.
CORONADO STONE: IDAHO DRYSTACK IN
CAPE COD GREY

CEMENT PLASTER WAINSCOT, TYP.
COLOR: GRIFFIN - SW 7026

PRIMARY TRELLIS SUPPORTS, TYP.
COLOR: LEATHER BOUND - SW 6118



COLOR: GRIFFIN - SW 7026



COLOR: IVOIRE - SW 6127

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| | |
|--------------|------------------|
| Project No. | 13-185A |
| Project Name | EXTERIOR CONCEPT |
| Scale | SK-Q |

13-185A-01-11-13.dwg
11/11/13
11/11/13
11/11/13

SAMPLE ELEVATION - EXTERIOR COLOR DIAGRAM
3/8" = 1'-0"



ENTRANCE AT 20TH ST AND CONCORD AVE

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700 North Street
Chico, California
95926
Tel: 530.893.8888
Fax: 530.893.8889
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| | |
|------------|------------------|
| Drawn By | AutCAD |
| Checked By | Checker |
| Date | 2/10/2015 |
| Job No. | 13-185A |
| Sheet | EXTERIOR CONCEPT |

SK-P1

Plot Date: 4/27/2015 10:13:54 AM
Plot Name: D:\Projects\13-185A\13-185A_P1.dwg



CEREMONIAL TRELLIS & GARDEN LOOKING SOUTH



CONCORD AVENUE LOOKING WEST

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Drawn By: Aulice Clark
Checked By: Clark
Date: 1/19/2015
Job No: 13-185A
Sheet: EXTERIOR CONCEPT

SK-P4

Plot Date: 4/22/2015 10:15:20 AM
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ALCOTT AVENUE SUPPORT BUILDING NORTH VIEW



ALCOTT AVENUE SUPPORT BUILDING SOUTH VIEW

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| | |
|------------|------------------|
| Drawn By | Aut/Le |
| Checked By | Ch/ks |
| Date | 2/10/2015 |
| Job No | 13-185A |
| Sheet | EXTERIOR CONCEPT |

SK-P5

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AERIAL - 20TH/CONCORD LOOKING NORTH

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Chico, California

13-185A-01-3D-01
4/27/2015 1:44:41 PM
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NORTHERN VALLEY INDIAN HEALTH, INC.
EAST 20TH STREET AND CONCORD AVE.
CHICO, CA 95926

| | |
|--------------|------------------|
| Drawn By | Author |
| Checked By | Client |
| Date | 4/27/2015 |
| Job No. | 13-185A |
| Rev | EXTERIOR CONCEPT |
| SK-P6 | |

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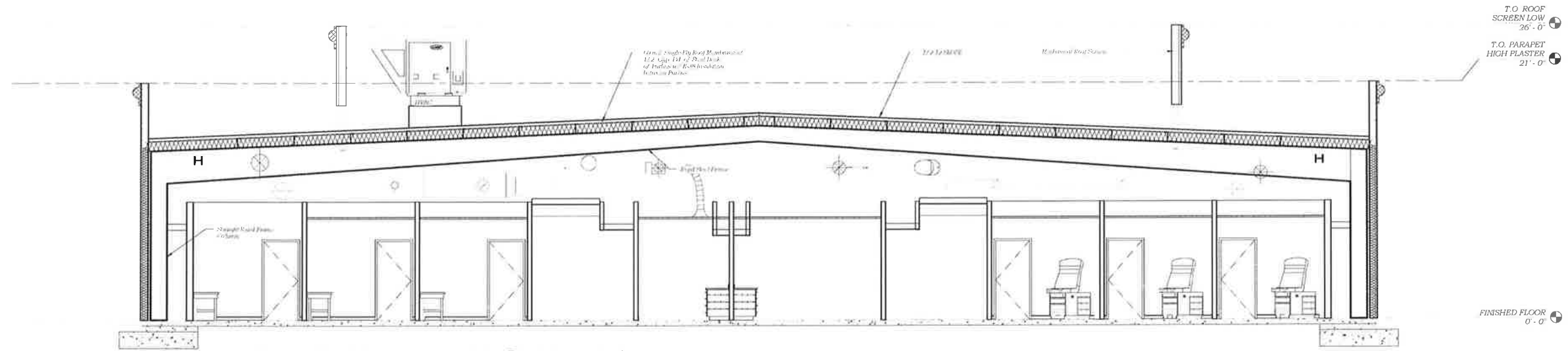
AERIAL - ALCOTT/SPRINGFIELD LOOKING SOUTH

PRELIMINARY
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CONSTRUCTION

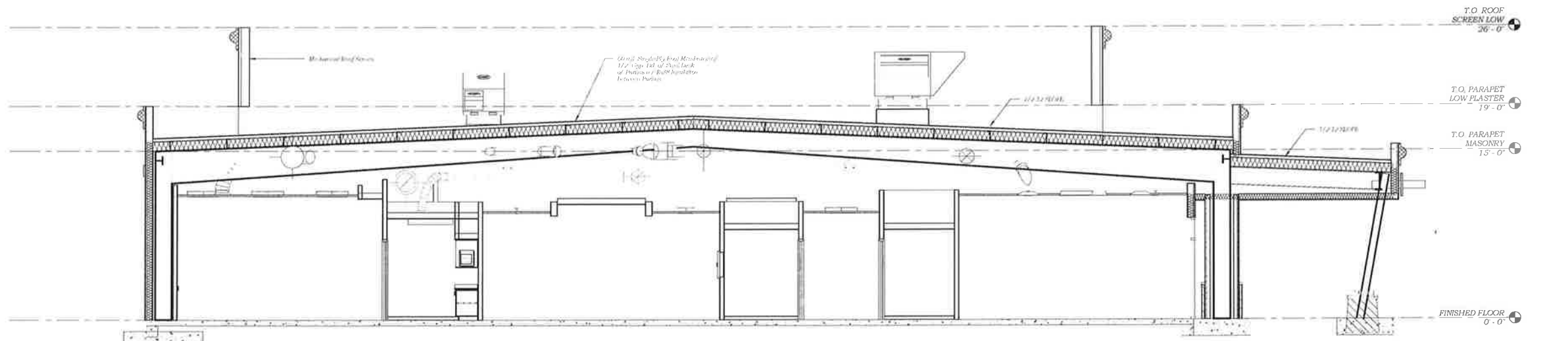
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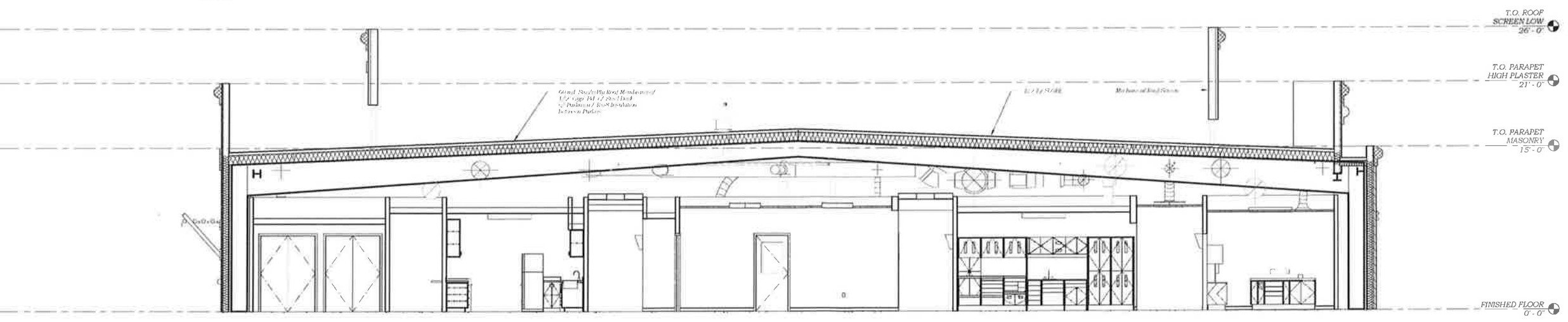
Drawn By: Aulw
Checked By: Cluckin
Date: 3/10/2015
Job No: 13-185A
Sheet: EXTERIOR CONCEPT
SK-P7



1 **MEDICAL WING @ GRID 7**
SCALE: 1/4" = 1'-0"



2 **ADMIN WING @ GRID BB**
SCALE: 1/4" = 1'-0"



3 **DENTAL WING @ GRID C**
SCALE: 1/4" = 1'-0"

PRELIMINARY:
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CONSTRUCTION

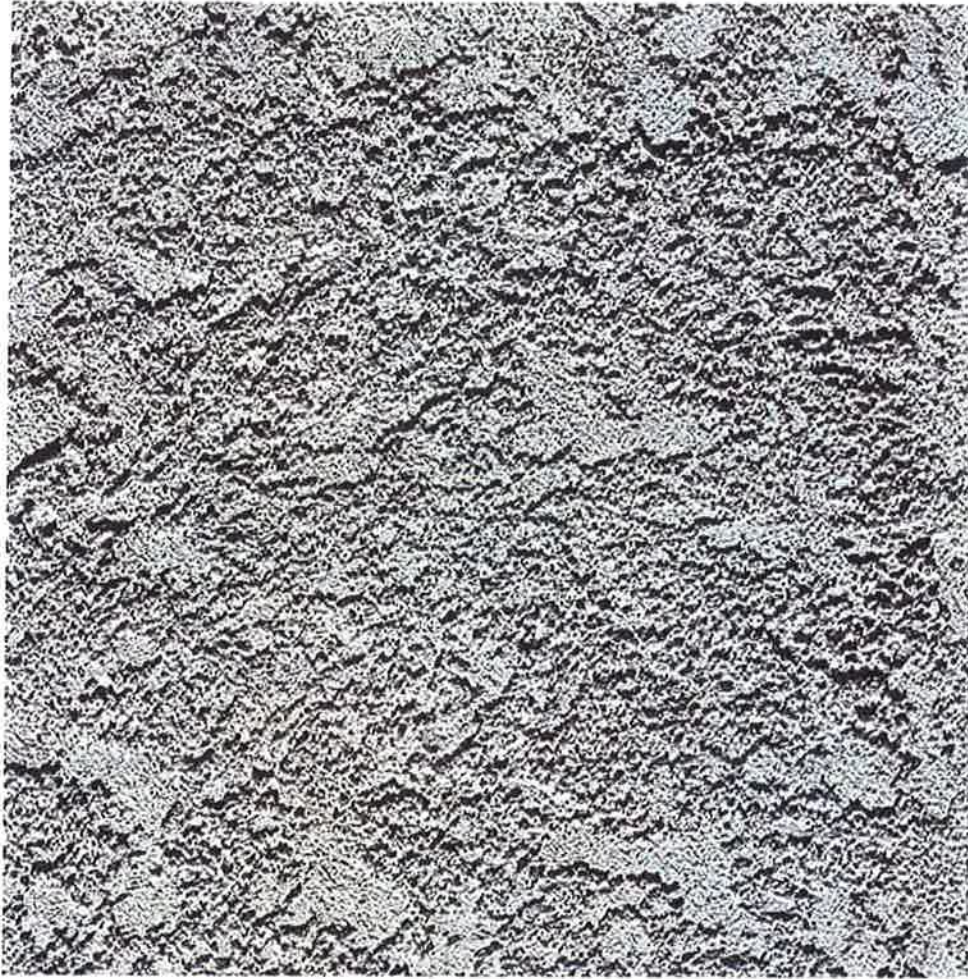
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Chicago, IL 60601
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Fax: 312.467.1001
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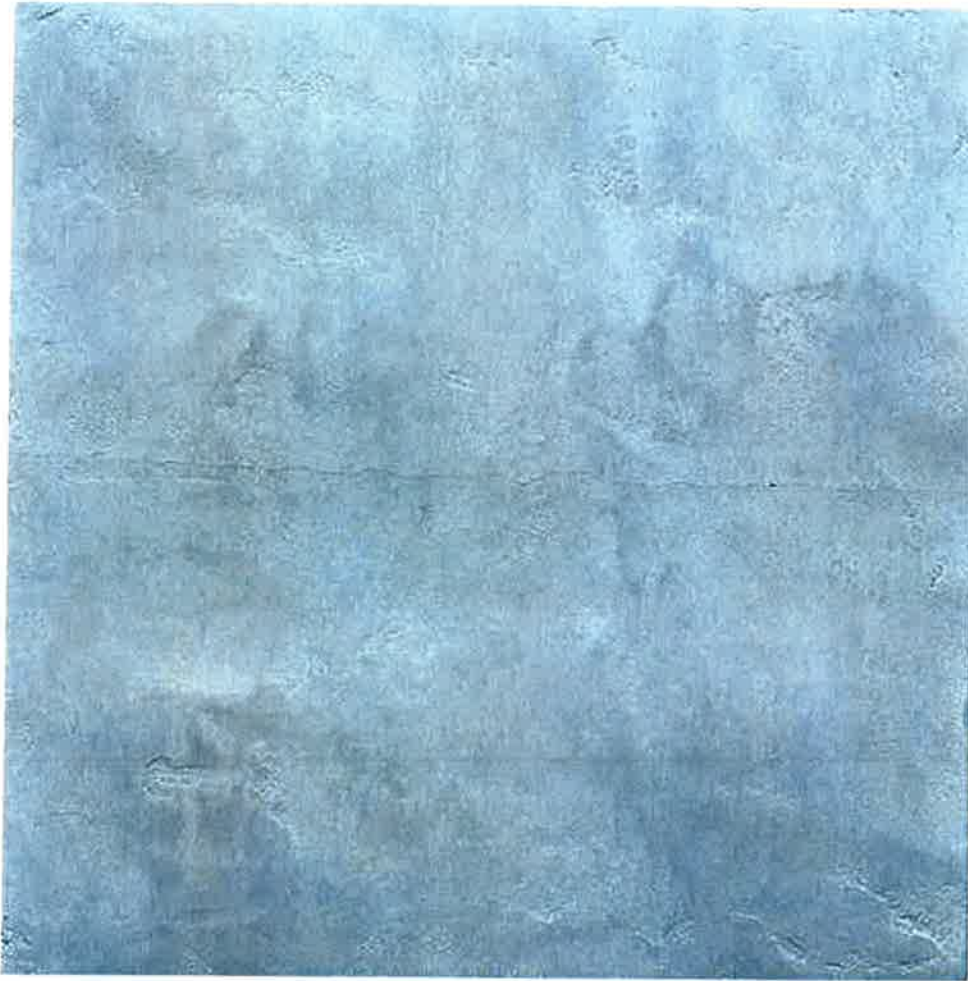
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| | |
|------------|-------------|
| Project | 13-185A |
| Drawn By | J. Williams |
| Checked By | J. Williams |
| Date | 3/17/2015 |
| Sheet | SECTION |

A4.0AR



NVIH PLASTER FINISH - WALLS



NVIH PLASTER FINISH
CORNICE + MEDALLIONS
NOT THIS COLOR

Products **Project Gallery** **Locate a Dealer**

Locations **Technical Data**

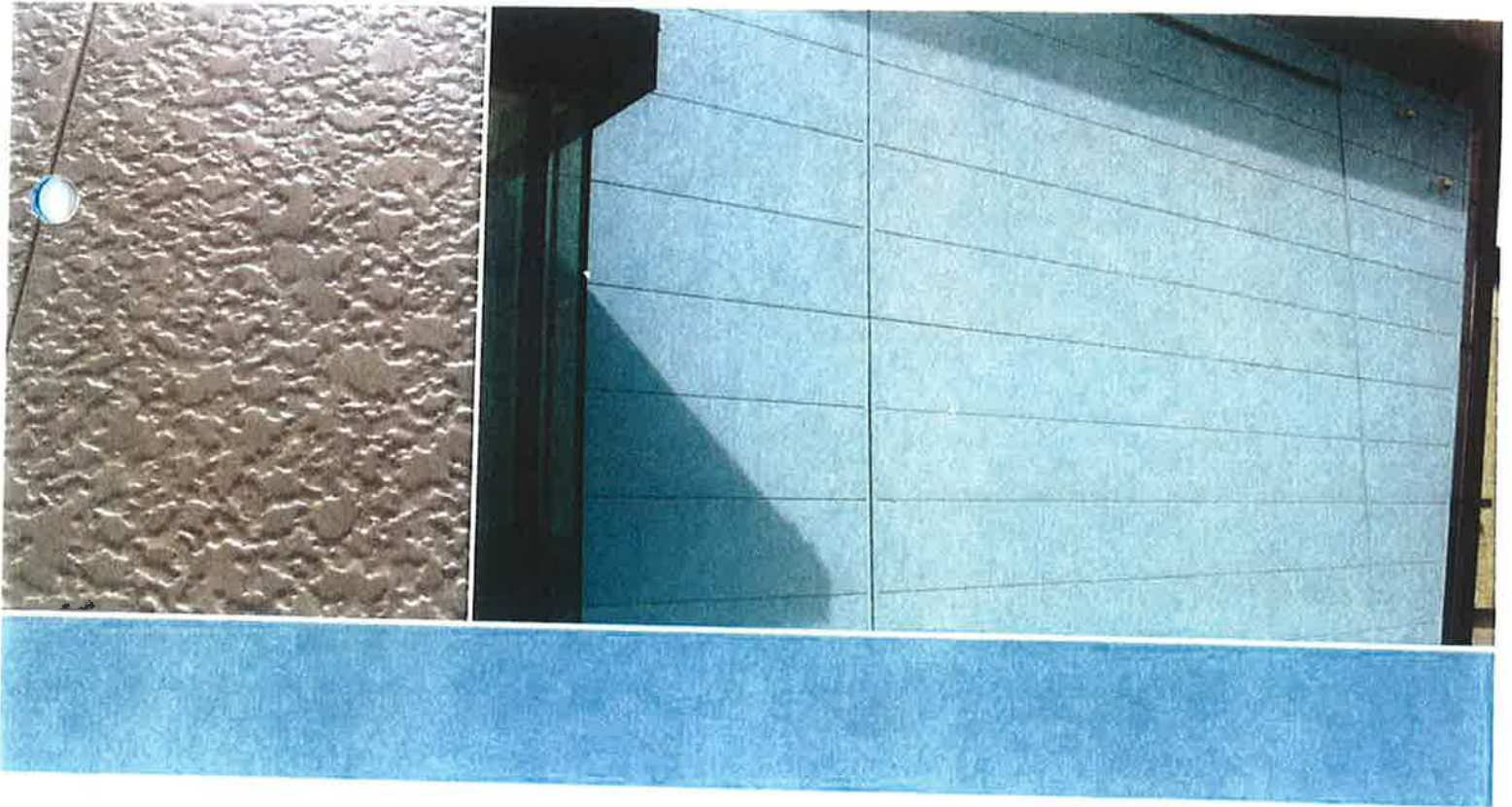
Coronado - Stone Series - Ledgestones - Idaho Drystack - Cape Cod Grey



1 of 2

[Download Spec Sheet](#)

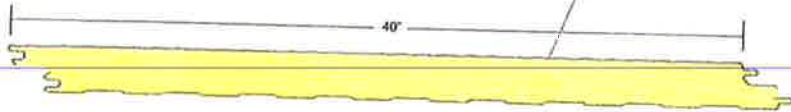
NVIH EXTR. STONE



Striated

Striated (ST40): The Striated profile offers an extremely economical exterior or interior wall where a clean, flat appearance is desired. The nominal embossed striations add rigidity and ensure an acceptable flatness tolerance.

Standard Thicknesses: 2", 2.5", 3", 4"



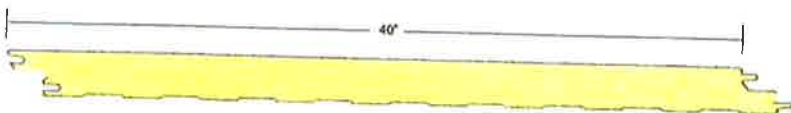
NVH SCREEN



Heavy Embossed

Heavy Embossed (HE40): The distinctive pattern of our Heavy Embossed profile makes this panel ideal for exterior walls of industrial or commercial facilities where design character is desired. The heavy embossment adds rigidity to the surface and maintains a patterned flat appearance. The panel can be installed with a pre-painted finish or may be field sprayed with a textured or stucco-style elastometric coating to create further character.

Standard Thicknesses: 2", 2.5", 3", 4"





Chocolate

Espresso

NV1H VINYL WOODS.

Grids



5/8" Flat



1-1/16"
Sculptured



7/8" Simulated
Divided Lite

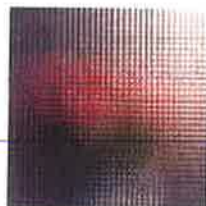
Glass Obscure



#42 Clear



Aquatex



Cross Reed



Glue Chip



Mattelux



Narrow Reed



P516



Rain

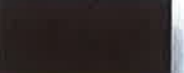
Tinted



Kawneer Anodize finishes

Kawneer gives you a wide variety of anodized finishes with attractive alternatives. The benefit of a durable, anodized finish is married to the beauty of some very dynamic and exciting colors.

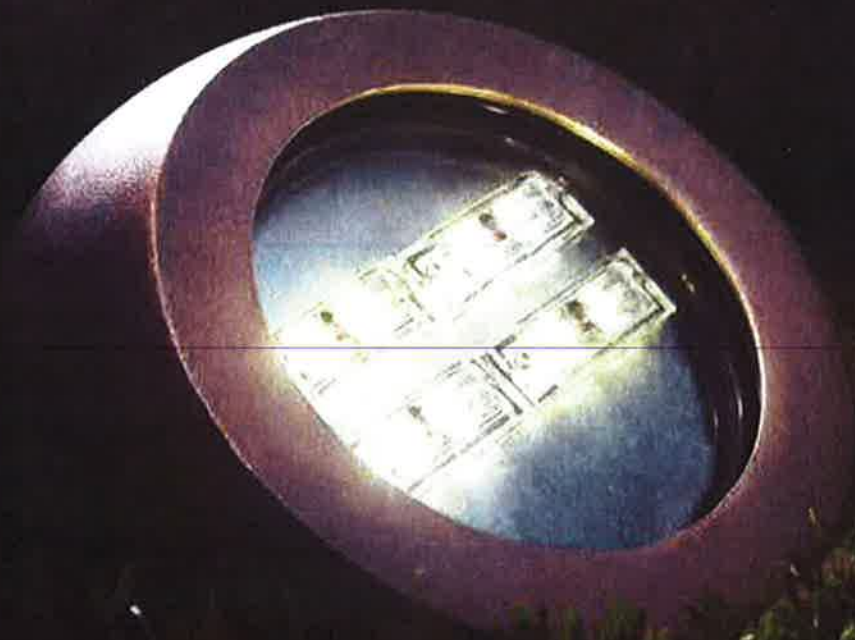
At the start of every design, there's a choice of how you want to finish. Contact your Kawneer sales rep for the information on these and other finishes available from Kawneer.

| | KAWNEER FINISH NO. | COLOR | ALUMINUM ASSOCIATION SPECIFICATION | OTHER COMMENTS |
|---|-----------------------|---------------|--|---|
|  | #14 | CLEAR | AA-M10C22A41 | Architectural Class I (.7 mils minimum) |
|  | #17 | CLEAR | AA-M10C22A31 | Architectural Class II (.4 mils minimum) |
|  | #18 | CHAMPAGNE | AA-M10C22A44 | Architectural Class I (.7 mils minimum) |
|  | #26 | LIGHT BRONZE | AA-M10C22A44 | Architectural Class I (.7 mils minimum) |
|  | #28 | MEDIUM BRONZE | AA-M10C22A44 | Architectural Class I (.7 mils minimum) |
|  | #40 | DARK BRONZE | AA-M10C22A44 | Architectural Class I (.7 mils minimum) |
|  | #29 | BLACK | AA-M10C22A44 | Architectural Class I (.7 mils minimum) |

Handwritten in blue ink: A NVIH STORE FRONT

LTV81EB Eyeball
with Wall Wash Optical Module

"UL" - UPLIGHT FOR TRELLIS DOUBLE
COLUMNS - 3000 COLOR TEMP





D-Series Size 2 LED Wall Luminaire



d²series

**"PCDL" - MOUNTED IN SKYLIGHT WELL
4 FIXTURES**

Specifications Luminaire

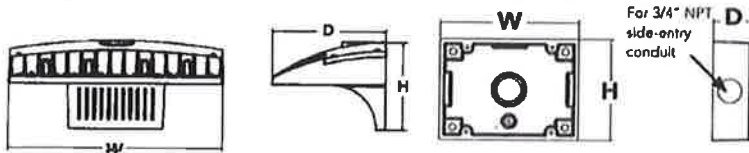
Width: 18-1/2"
(47.0 cm)
Depth: 10"
(25.4 cm)
Height: 7-5/8"
(19.4 cm)

Weight: 21 lbs
(9.5 kg)

Back Box (BBW)

Width: 5-1/2"
(14.0 cm)
Depth: 1-1/2"
(3.8 cm)
Height: 4"
(10.2 cm)

BBW Weight: 1 lbs
(0.5 kg)



| |
|----------------|
| Catalog Number |
| Notes |
| Type |

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 76% in energy savings over comparable 400W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW2 LED 30C 700 40K T3M MVOLT DBBXTD

DSXW2 LED

| Series | LEDs | Drive Current | Color temperature | Distribution | Voltage | Mounting | Control Options | Other Options | Finish (required) |
|-----------|-----------------------------------|----------------------------------|--|---|--|--|---|--|---|
| DSXW2 LED | 20C 20 LEDs (two engines) | 350 350 mA 530 530 mA | 30K 3000 K 40K 4000 K | T2S Type II Short | MVOLT ¹ 120 ¹ 208 ¹ 240 ¹ | Shipped included (blank) Surface mounting bracket | Shipped installed PE Photoelectric cell, button type ⁴ PER NEMA twist-lock receptacle only (no controls) | Shipped Installed SF Single fuse (120, 277, 347V) ⁷ DF Double fuse (208, 240, 480V) ⁷ HS House-side shield ³ | DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze |
| | 30C 30 LEDs (three engines) | 700 700 mA 1000 1000 mA (1 A) | 50K 5000 K AMBPC Amber phosphor converted | T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium | 277 ¹ 347 ² 480 ² | | | | |
| | | | TFTM Forward Throw Medium ASYDF Asym-metric diffuse | | | | | | |

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Available with 30 LED/700mA options only (DSXW2 LED 30C 700). DMG option not available.
- Also available as a separate accessory; see Accessories information.
- Photocontrol (PE) requires 120, 208, 240 or 277 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347V, 480V or PIRH. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
- Specifies the Sensor Switch SBGR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell) or DCR. Dimming driver standard.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- See the electrical section on page 2 for more details.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

Accessories

Ordered and shipped separately.

| | |
|---------------------|--|
| DLL127F 1.5 JU | Photocell - SSL twist-lock (120-277V) ⁹ |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) ⁹ |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) ⁹ |
| SC U | Shorting cap ⁷ |
| DSXWHS U | House-side shield (one per light engine) |
| DSXWBSW U | Bird-deterrent spikes |
| DSXW2WG U | Wire guard accessory |
| DSXW2VG U | Vandal guard accessory |
| DSXW2BBW DDBXO U | Back box accessory (specify finish) |



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D-Series Size 1 LED Wall Luminaire



| |
|----------------|
| Catalog Number |
| Notes |
| Type |

d"series

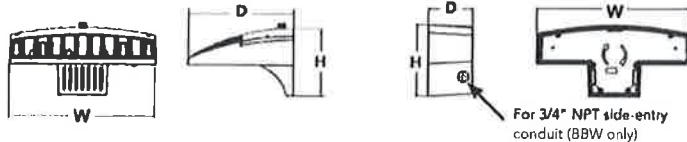
"EL" - MOUNTED IN SKYLIGHT WELLS IN MAIN ENTRY ROOF

Specifications Luminaire

| | | | |
|----------------|----------------------|----------------|--------------------|
| Width: | 13-3/4" (34.9 cm) | Weight: | 12 lbs (5.4 kg) |
| Depth: | 10" (25.4 cm) | | |
| Height: | 6-3/8" (16.2 cm) | | |

Back Box (BBW, ELCW)

| | | | |
|----------------|----------------------|---------------------|--------------------|
| Width: | 13-3/4" (34.9 cm) | BBW Weight: | 5 lbs (2.3 kg) |
| Depth: | 4" (10.2 cm) | ELCW Weight: | 10 lbs (4.5 kg) |
| Height: | 6-3/8" (16.2 cm) | | |



Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSWW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSWX1 LED

| Series | LEDs | Drive Current | Color temperature | Distribution | Voltage | Mounting | Control Options | Other Options | Finish (required) | |
|-----------|---------------------------|--------------------|--------------------------------|---------------------|---------------------------|---|--|--|---------------------------|---|
| DSWX1 LED | 10C 10 LEDs (one engine) | 350 350 mA | 30K 3000 K | T2S Type II Short | MVOLT ¹ | Shipped included (blank) Surface mounting bracket | Shipped Installed PE Photoelectric cell, button type ⁴ | Shipped installed SF Single fuse (120, 277 or 347V) ⁷ | DDBXD Dark bronze | |
| | | 530 530 mA | 40K 4000 K | T2M Type II Medium | 120 ¹ | | | | | |
| | 20C 20 LEDs (two engines) | 700 700 mA | 50K 5000 K | T3S Type III Short | 208 ¹ | BBW Surface-mounted back box (for conduit entry) ³ | DMG 0-10V dimming driver (no controls) | DF Double fuse (208, 240 or 480V) ⁷ | DBLXD Black | |
| | | 1000 1000 mA (1 A) | AMBPC Amber phosphor converted | T3M Type III Medium | 240 ¹ | | | | | |
| | | | | AMBC | T4M Type IV Medium | 277 ¹ | PIR 180° motion/ambient light sensor, <15' mtg ht ⁵ | HS House-side shield ⁶ | DWHXD White | |
| | | | | | TFTM Forward Throw Medium | 347 ² | | | | PIRH 180° motion/ambient light sensor, 15-30' mtg ht ⁵ |
| | | | | | ASYDF Asymmetric diffuse | 480 ² | ELCW Emergency battery backup (includes external component enclosure) ⁶ | SPD Separate surge protection ⁹ | DSSXD Sandstone | |
| | | | | | | | | | | |
| | | | | | | | | | BSW Bird-deterrent spikes | DDBTXD Textured dark bronze |
| | | | | | | | | | WG Wire guard | DSSXD Sandstone |
| | | | | | | | | VG Vandal guard | DSSXD Sandstone | |
| | | | | | | | | DDL Diffused drop lens | DSSXD Sandstone | |

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocell (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocell (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR specifies the Sensor Switch SBGR-10 ODP control; PIRH specifies the Sensor Switch SBGR-6 ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSWX1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

Accessories

Ordered and shipped separately.

| | |
|-----------|--|
| DSXWHS U | House-side shield (one per light engine) |
| DSXWBSW U | Bird-deterrent spikes |
| DSXW1WG U | Wire guard accessory |
| DSXW1VG U | Vandal guard accessory |



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Attachment L

LED ALF FLOOD FAMILY

Cat.#

Job

Type



HUBBELL
Outdoor Lighting

Approvals

SPECIFICATIONS

Intended Use:

ALF is excellent for small floodlighting applications such as signs, façade, landscape accent or small area illumination. The compact, low profile size allows the flood to be easily hidden or blend into the landscape environment.

Construction:

- Low copper extruded aluminum construction provides long life in outdoor ground mounted applications. Ribbed design adds styling while dissipating LED and driver heat, providing longer component life.
- Tempered and impact resistant glass lens with decorative silk screen seals to housing with silicone gasket
- Dark Bronze powder paint finish provides durable and lasting appearance

Optics/Electrical LED:

- Six or twelve LEDs produce 905 or 1913 lumens at 5000K
- Wide 6 x 5 beam spread covers three times the set back distance with uniform light
- Universal voltage driver is 120-277V*, 50/60Hz, with 10.1 input watts (ALF-6LU) 21.4 input watts (ALF-12LU)

*In Canada, ALF should be used for voltages 120-240 only

Installation:

- Knuckle mount: Universal ½" swivel knuckle has serrated teeth for sure aiming. Knuckle threads are brass insuring quality installation and corrosion resistance
- Wall mount: Cast aluminum cover/quick mount plate and universal adapter allows easy installation to 3-½" or 4" standard junction boxes

Listings:

Listed to UL 1598 for use in wet locations

- ALF-6 IP65 • ALF-12 IP64

Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

"SL" - ROOF MTD. SCREEN LIGHTS "ALF 12" 3000K COLOR TEMP

PRODUCT IMAGE(S)



ALF 6 LED KNUCKLE MOUNT

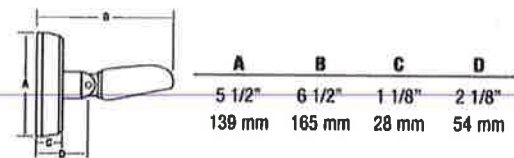
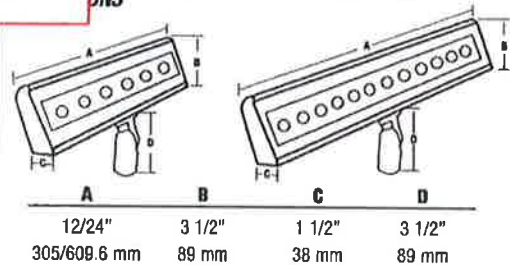


ALFW 6 LED WALL MOUNT



ALF 12 LED KNUCKLE MOUNT

DNS



CERTIFICATIONS/ LISTINGS



SHIPPING INFORMATION

| Catalog Number | G.W./kg/CTN | Carton Dimensions | | | Carton Qty. per Master Pack |
|----------------|-------------|-------------------|-----------------|------------------|-----------------------------|
| | | Length Inch (cm) | Width Inch (cm) | Height Inch (cm) | |
| ALF-6LU | 8.7 (4.4) | 18.5 (47) | 14.3 (36.5) | 6.7 (14.6) | 2 |
| ALFW-6LU | 11.4 (5.2) | 18.5 (47) | 14.3 (36.5) | 6.7 (14.5) | 2 |
| ALF-12LU | 8.5 (2.97) | 24.8 (63) | 8.8 (22.5) | 3.14 (8) | 1 |

ORDERING INFORMATION

ORDERING EXAMPLE: ALF-6LU-5K-BZ

| Catalog Number | Wattage | Number of LEDs | Voltage ¹ | Lumens | Life | LPW | CCT | Weight (lb./kg) |
|---------------------------|---------|----------------|----------------------|--------|------------|-----|------------------|-----------------|
| 1/2" KNUCKLE MOUNT | | | | | | | | |
| ALF-6LU-5K-BZ | 10.1 | 6 | 120-277V | 905 | 50,000 hrs | 90 | 5000K | 4.0 (1.8) |
| ALF-12LU-5K-BZ | 21.4 | 12 | 120-277V | 1913 | 50,000 hrs | 89 | 5000K | 8.0 (3.6) |
| WALLMOUNT | | | | | | | | |
| ALFW-6LU-5K-BZ | 10.7 | 6 | 120-277V | 510 | 50,000 hrs | 48 | 3000K | 4.5 (2.0) |
| ALFW-6LU-5K-BZ-PC | 10.7 | 6 | 120V | 510 | 50,000 hrs | 48 | 5000K | 4.5 (2.0) |

¹ Unit should not be used above 240V in Canada



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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ALF-SPEC 1/10



FEATURES & SPECIFICATIONS

INTENDED USE

Provides years of maintenance-free illumination for outdoor use in residential & commercial applications. Ideal for applications such as lighting walkways and stairways.

CONSTRUCTION

Cast aluminum housing with corrosion-resistant paint in either dark bronze or white finish. ADA compliant.

OPTICS

4000K CCT LEDs.

Polycarbonate lens protects the LED from moisture, dirt and other contaminants.

LUMEN MAINTENANCE: The LED will deliver 70% of its initial lumens at 50,000 hour average LED life. See Lighting Facts label on page 2 for performance details.

ELECTRICAL

MVOLT driver operates on any line voltage from 120-277V.

Operating temperature -30°C to 40°C.

1KV surge protection standard.

INSTALLATION

Surface mount to universal junction box (provided by others).

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY

Five-year limited warranty.

Full warranty terms located at www.AcuityBrands.com/CustomerResources/Terms_and_Conditions.aspx.

Note: Specifications are subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |

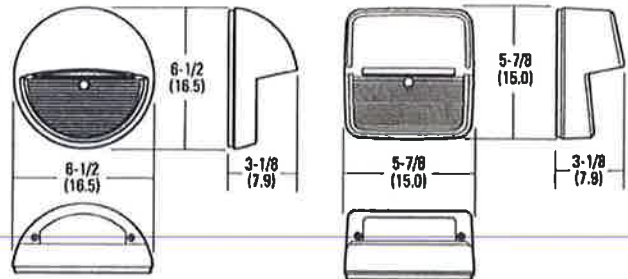
Outdoor General Purpose OLSR & OLSS LED STEP LIGHT



Specifications

All dimensions are inches (centimeters)

"DL" - WINDOW DOWNLIGHT UNDER TRELLISES - 3000K COLOR TEMP



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: OLSS DDB

| Series | Color temperature (CCT) | Voltage | Finish |
|------------------------|--|---------------------------|------------------------|
| OLSR Step light round | (blank) 4000K 3000K | (blank) MVOLT (120V-277V) | DDB Dark bronze |
| OLSS Step light square | | | WH White |



D-Series LED Bollard



d^{series}

Specifications

Diameter: 8" Round
(20.3 cm)

Height: 42"
(106 / cm)

Weight (max): 27 lbs
(12.25 kg)



| | |
|----------------|-----------------------|
| Catalog Number | "BL" - BOLLARD LIGHTS |
| Notes | |
| Type | |

Introduction

The D-Series LED Bollard is a stylish, energy-saving, long-life solution designed to perform the way a bollard should—with zero uplight. An optical leap forward, this full cut-off luminaire will meet the most stringent of lighting codes. The D-Series LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.

Ordering Information

EXAMPLE: DSXB LED 16C 700 40K SYM MVOLT DDBXD

DSXB LED

| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Control options | Other options | Finish |
|----------|--|---|---|---|--|---|--|--|
| DSXB LED | Asymmetric 12C 12 LEDs ¹ | 350 350 mA 450 450 mA ^{1,4} | 30K 3000K 40K 4000K 50K 5000K | ASY Asymmetric ¹ SYM Symmetric ² | MVOLT ⁵ 120 ⁵ 208 ⁵ 240 ⁵ 277 ⁵ 347 ⁴ | Shipped installed PE Photoelectric cell, button type DMG 0-10V dimming driver (no controls) ELCW Emergency battery backup ⁶ | Shipped installed SF Single fuse (120, 277, 347V) ⁷ DF Double fuse (208, 240V) ⁷ H24 24" overall height H30 30" overall height H36 36" overall height FG Ground-fault testpoint outlet | DWHXD White DNAXD Natural aluminum DDBXD Dark bronze DBLXD Black DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white |
| | Symmetric 16C 16 LEDs ² | 700 700 mA | AMBPC Amber phosphor converted AMBLW Amber limited wavelength ^{3,5} | | | | | |

Accessories

Ordered and shipped separately.

MRAB U Ancher bolts for DSXB⁸

NOTES

- 1 Only available in the 12C, ASY version.
- 2 Only available in the 16C, SYM version.
- 3 Only available with 450 AMBLW version.
- 4 Not available with ELCW.
- 5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- 6 Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- 7 Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- 8 MRAB U not available with L/AB4 option.



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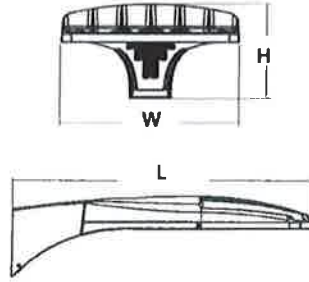
D-Series Size 0 LED Area Luminaire



| | |
|----------------|---------------------------------|
| Catalog Number | "PL" - PARKING LOT POLE FIXTURE |
| Notes | |
| Type | |

Specifications

| | |
|---------------|---|
| EPA: | 0.8 ft ² (0.07 m ²) |
| Length: | 26" (660 cm) |
| Width: | 13" (330 cm) |
| Height: | 7" (17.8 cm) |
| Weight (max): | 16 lbs (7.25 kg) |



Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

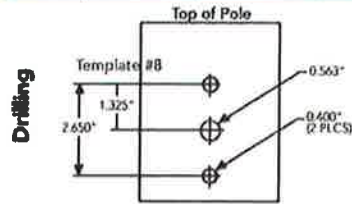
The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED

| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Mounting | Control options | Other options | Finish ^{required} | | | | |
|----------|-----------------------------|---------------------------------|---|---------------------|--|---|---|---|----------------------------------|--|--|---|-----------------------------|
| DSX0 LED | Forward optics | 530 530 mA | 30K | T1S Type I short | MVOLT ⁴ | Shipped included | Shipped installed | Shipped installed | DDBXD | | | | |
| | | 700 700 mA | 3000 K 80 (CRI min.) | T2S Type II short | 120 ⁴ | | | | | SPA Square pole mounting | PER NEMA twist-lock receptacle only (no controls) ⁸ | HS House-side shield ¹³ | DDBXD Dark bronze |
| | | 1000 1000 mA (1 A) ² | 40K 4000 K (70 CRI min.) | T2M Type II medium | 208 ⁴ | | | | | RPA Round pole mounting | DMG 0-10V dimming driver (no controls) ⁹ | SF Single fuse (120, 277, 347V) ¹⁴ | DBLXD Black |
| | 40C 40 LEDs (two engines) | 50K 5000 K (70 CRI) | AMBPC Amber phosphor converted ³ | T3S Type III short | 240 ⁴ | WBA Wall bracket | DCR Dimmable and controllable via ROAM [®] (no controls) ¹⁰ | DF Double fuse (208, 240, 480V) ¹⁴ | DWHXD White | | | | |
| | | | | T3M Type III medium | 277 ⁴ | | | | | SPUMBA Square pole universal mounting adaptor ⁶ | PIR Motion sensor, 8-15' mounting height ¹¹ | L90 Left rotated optics ¹ | DDBTXD Textured dark bronze |
| | Rotated optics ¹ | 30C 30 LEDs (one engine) | T4M Type IV medium | T4M Type IV medium | 347 ³ | RPUMBA Round pole universal mounting adaptor ⁶ | PIRH Motion sensor, 15-30' mounting height ¹¹ | R90 Right rotated optics ¹ | DNATXD Textured natural aluminum | | | | |
| | | | | T4M Type IV medium | 480 ⁵ | | | | | Shipped separately ⁷ | DDL Diffused drop lens ¹¹ | DWHGXD Textured white | |
| | TSM Type V medium | TSS Type V short | TSM Type V medium | TSM Type V medium | KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷ | BL30 Bi-level switched dimming, 30% ¹² | BL50 Bi-level switched dimming, 50% ¹² | | | | | | |
| | | | | TSS Type V short | | | | | | | | | |
| | | | | TSS Type V short | | | | | | | | | |



Accessories

Order and specify separately.

| | |
|--------------------|--|
| DLL127F 1.5 JU | Photocell - SSL twist-lock (120-277V) ¹⁵ |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) ¹⁵ |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) ¹⁵ |
| SC U | Shorting cap ¹⁵ |
| DSX0HS 20C U | House-side shield for 20 LED unit ¹¹ |
| DSX0HS 30C U | House-side shield for 30 LED unit ¹¹ |
| DSX0HS 40C U | House-side shield for 40 LED unit ¹¹ |
| DSX0DDL U | Diffused drop lens (polycarbonate) ¹¹ |
| PUMBA DDBXD U* | Square and round pole universal mounting bracket adaptor (specify finish) ⁷ |
| KMA8 DDBXD U | Mast arm mounting bracket adaptor (specify finish) ⁷ |

DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

| | | | |
|--------|-------------|--------|--------------|
| DM19AS | Single unit | DM29AS | 2 at 90° * |
| DM28AS | 2 at 180° | DM39AS | 3 at 80° * |
| DM49AS | 4 at 90° * | DM32AS | 3 at 120° ** |

Example: SSA 20 4C DM19AS DDBXD
Visit Lithonia Lighting's [DSX0/SSA](#) to see our wide selection of poles, accessories and educational tools.

Tenon Mounting Slipfitter**

| Pole Dia. | Single Unit | 2 at 180° | 2 at 90° | 3 at 120° | 3 at 90° | 4 at 90° |
|-----------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8" | AST20-190 | AST20-280 | AST20-290 | AST20-320 | AST20-390 | AST20-490 |
| 2-7/8" | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

NOTES

- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- 1000mA is not available with AMBPC.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
- Available as a separate combination accessory; PUMBA (finish) U.
- Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- DMG option for 347v or 480v requires 1000mA.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roomservices.net. N/A BL30, BL50, PIR, or PIRH.
- PIR specifies the SensorSwitch SBCW 10 GDP control; PIRH specifies the SensorSwitch SBCR & GDP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
- Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
- Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



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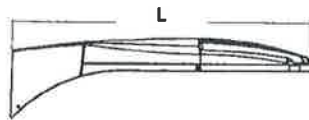
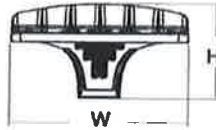
D-Series Size 0 LED Area Luminaire



d^oseries

Specifications

| | |
|----------------------|--|
| EPA: | 0.8 ft ² (.07 m ²) |
| Length: | 26" (66.0 cm) |
| Width: | 13" (33.0 cm) |
| Height: | 7" (17.8 cm) |
| Weight (max): | 16 lbs (7.25 kg) |



| | |
|----------------|--|
| Catalog Number | "PL" PARKING LOT POLE LIGHT FIXTURE |
| Notes | |
| Type | |

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

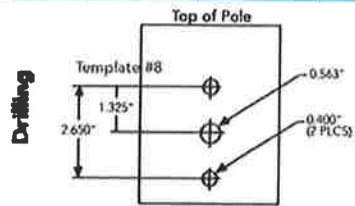
The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED

| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Mounting | Control options | Other options | Finish (model code) | | | | |
|----------|-----------------------------|---|-------------------|---------------------------|--------------------|---------------------------------|---|---|-----------------------------|--|--|---|------------------------|
| DSX0 LED | Forward optics | 530 530 mA | 30K | T1S Type I short | MVOLT ⁴ | Shipped included | Shipped installed | Shipped installed | DDBXD Dark bronze | | | | |
| | | 700 700 mA | 40K | T2S Type II short | 120 ⁴ | | | | | SPA Square pole mounting | PER NEMA twist-lock receptacle only (no controls) ⁵ | HS House-side shield ¹³ | DBLXD Black |
| | | 1000 1000 mA (1 A) ² | 50K | T2M Type II medium | 208 ⁴ | | | | | RPA Round pole mounting | DMG 0-10V dimming driver (no controls) ⁹ | SF Single fuse (208, 240, 347V) ¹⁴ | DNAXD Natural aluminum |
| | 40C 40 LEDs (two engines) | AMBPC Amber phosphor converted ³ | 5000 K (70 CRI) | T3S Type III short | 240 ⁴ | WBA Wall bracket | DCR Dimmable and controllable via ROAM [®] (no controls) ¹⁰ | DF Double fuse (208, 240, 480V) ¹⁴ | DDBTXD Textured dark bronze | | | | |
| | | | | T3M Type III medium | 277 ⁴ | | | | | SPUMBA Square pole universal mounting adaptor ⁶ | L90 Left rotated optics ¹ | DBLTXD Textured black | |
| | | | | T4M Type IV medium | 347 ⁵ | | | | | RPUMBA Round pole universal mounting adaptor ⁶ | R90 Right rotated optics ¹ | DNATXD Textured natural aluminum | |
| | Rotated optics ¹ | 30C 30 LEDs (one engine) | 5000 K (70 CRI) | TFTM Forward throw medium | 480 ⁵ | Shipped separately ⁷ | PIRH Motion sensor, 15-30' mounting height ¹¹ | DDL Diffused drop lens ¹² | DWHGXD Textured white | | | | |
| | | | | T5VS Type V very short | | | | | | KMAB Mast arm mounting bracket adaptor (specify finish) | BL30 Bi-level switched dimming, 30% ¹² | | |
| | | | | T5S Type V short | | | | | | DDBXD U | BL50 Bi-level switched dimming, 50% ¹² | | |
| | | | | T5M Type V medium | | | | | | | | | |
| | | | | T5W Type V wide | | | | | | | | | |



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

| | | | |
|--------|-------------|--------|--------------|
| DM19AS | Single unit | DM29AS | 2 at 80° * |
| DM28AS | 2 at 180° | DM39AS | 3 at 90° * |
| DM49AS | 4 at 90° * | DM32AS | 3 at 120° ** |

Example: SSA 20 4C DM19AS DDBXD
 Visit Lithonia Lighting's [LED Solutions](#) for see our wide selection of poles, accessories and educational tools.
 *Round pole top must be 3.25" O.D. minimum.
 **For round pole mounting (RP) only.

Accessories

Direct and shipped industry.

| | |
|--------------------|---|
| DL127F 1.5 JU | PhotoCell - SSL twist-lock (120-277V) ¹⁵ |
| DL1347F 1.5 CUL JU | PhotoCell - SSL twist-lock (347V) ¹⁵ |
| DL1408F 1.5 CUL JU | PhotoCell - SSL twist-lock (480V) ¹⁵ |
| SC U | Shorting cap ¹⁵ |
| DSX0HS 20C U | House-side shield for 20 LED unit ¹³ |
| DSX0HS 30C U | House-side shield for 30 LED unit ¹³ |
| DSX0HS 40C U | House-side shield for 40 LED unit ¹³ |
| DSX0SDI U | Diffused drop lens (polycarbonate) ¹² |
| PUMBA DDBXD U* | Square and round pole universal mounting bracket adaptor (specify finish) |
| KMAB DDBXD U | Mast arm mounting bracket adaptor (specify finish) |

For more control options, visit [DL](#) and [DSX](#) online.

Tenon Mounting Slipfitter **

| Tenon O.D. | Single Unit | 2 at 180° | 2 at 90° | 1 at 120° | 1 at 90° | 4 at 90° |
|------------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8" | AST20-190 | AST20-280 | AST20-290 | AST20-320 | AST20-390 | AST20-490 |
| 2-7/8" | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

- ### NOTES
- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
 - 1000mA is not available with AMBPC.
 - AMBPC only available with 530mA or 700mA.
 - MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
 - Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
 - Available as a separate combination accessory: PUMBA (finish) U.
 - Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
 - PhotoCell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
 - DMG option for 347v or 480v requires 1000mA.
 - Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability. PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
 - PIR specifies the SensorSwitch S33R 10-ODP control; PIRH specifies the SensorSwitch S8GA-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
 - Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
 - Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
 - Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
 - Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



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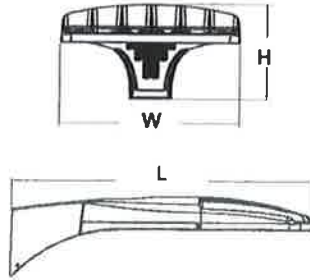
D-Series Size 0 LED Area Luminaire



d^{series}

Specifications

| | |
|---------------|--|
| EPA: | 0.8 ft ² (0.7 m ²) |
| Length: | 26" (66.0 cm) |
| Width: | 13" (33.0 cm) |
| Height: | 7" (17.8 cm) |
| Weight (max): | 16 lbs (7.25 kg) |



Catalog Number
Notes
Type

"PL" - PARKING LOT LIGHT
POLE FIXTURES

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

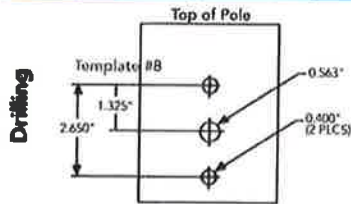
The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DBBXD

DSX0 LED

| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Mounting | Control options | Other options | Finish | | | | | | | | |
|----------|--|---------------------------------|---|--------------------|---------------------|------------------|---|---|---|--------------------------|--|---|------------------------|--|--|--------------------------------------|-----------------------------|
| DSX0 LED | Forward optics 20C 20 LEDs (one engine) | 530 530 mA | 30K 3000 K 80 CRI min. ¹ | T1S Type I short | MVOLT ⁴ | Shipped included | Shipped installed | Shipped installed | DBBXD Dark bronze | | | | | | | | |
| | | 700 700 mA | 40K 4000 K (70 CRI min.) | T2S Type II short | 120 ⁴ | | | | | SPA Square pole mounting | PER NEMA twist-lock receptacle only (no controls) ² | HS House-side shield ¹³ | DBLXD Black | | | | |
| | | 1000 1000 mA (1 A) ² | 50K 5000 K (70 CRI) | T2M Type II medium | 208 ⁴ | | | | | RPA Round pole mounting | DMG 0-10V dimming driver (no controls) ⁹ | SF Single fuse (120, 277, 347V) ¹⁴ | DNAXD Natural aluminum | | | | |
| | Rotated optics ¹ | 40C 40 LEDs (two engines) | AMBPC Amber phosphor converted ³ | T3S Type III short | T3M Type III medium | 240 ⁴ | WBA Wall bracket | DCR Dimmable and controllable via ROAM [®] (no controls) ¹⁰ | DF Double fuse (208, 240, 480V) ¹⁴ | DWHXD White | | | | | | | |
| | | | | | | | | | | | T4M Type IV medium | T4M Type IV medium | 347 ⁴ | SPUMBA Square pole universal mounting adaptor ⁶ | PIR Motion sensor, 8-15' mounting height ¹¹ | L90 Left rotated optics ¹ | DDBTXD Textured dark bronze |
| | | | | | | | | | | | | | | | | | |
| | 30C 30 LEDs (one engine) | T5VS Type V very short | T5S Type V short | T5M Type V medium | T5W Type V wide | 120 ⁴ | KMA8 DBBXD U Mast arm mounting bracket adaptor (specify finish) | BL30 Bi-level switched dimming, 30% ¹² | DDL Diffused drop lens ¹¹ | DWHGXD Textured white | | | | | | | |
| | | | | | | | | | | | TSS Type V short | TSS Type V short | 120 ⁴ | BL50 Bi-level switched dimming, 50% ¹² | | | |
| | | | | | | | | | | | | | | | TSM Type V medium | TSM Type V medium | 120 ⁴ |
| | | | | | | | | | | | | | | | | | |



Drilling

DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

| | | | |
|--------|-------------|--------|--------------|
| DM19AS | Single unit | DM29AS | 2 at 90° * |
| DM2BAS | 2 at 180° | DM39AS | 3 at 90° * |
| DM49AS | 4 at 90° * | DM32AS | 3 at 120° ** |

Accessory SSA 20 4C DM19AS DBBXD

Visit Lithonia Lighting's [eCatalog](#) to see our wide selection of poles, accessories and educational tools.

* Round pole top must be 3.25" O.D. minimum.
** For round pole mounting (RPA) only.

Tenon Mounting Slipfitter**

| From O.D. | Slipfitter U-11 | 2 at 180° | 2 at 90° | 3 at 120° | 2 at 90° | 4 at 90° |
|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8" | AST20-190 | AST20-280 | AST20-290 | AST20-320 | AST20-390 | AST20-490 |
| 2-7/8" | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

NOTES

- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- 1000mA is not available with AMBPC.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF optional).
- Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
- Available as a separate combination accessory: PUMBA (finish) U.
- Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability. PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
- PIR specifies the Sensor Switch 50GR 10-ODP control; PIRH specifies the Sensor Switch 50GR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
- Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
- Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



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FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws. Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

PARKING LOT LIGHT POLES - COLOR TO MATCH FIXTURES

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

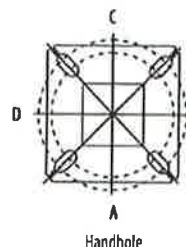
Example: SSS 20 5C DM19 DDB

| Series | Nominal fixture mounting height | Nominal shaft base size/wall thickness | Mounting ¹ | Options | Finish ⁹ | |
|--------|----------------------------------|--|---|---|---|--|
| SSS | 10 – 39 feet (See back page.) | (See back page.) | <p>Tenon mounting</p> <p>PT Open top (includes top cap)</p> <p>T20 2-3/8" O.D. (2" NPS)</p> <p>T25 2-7/8" O.D. (2-1/2" NPS)</p> <p>T30 3-1/2" O.D. (3" NPS)</p> <p>T35 4" O.D. (3-1/2" NPS)</p> <p>Drill mounting²</p> <p>DM19 1 at 90°</p> <p>DM28 2 at 180°</p> <p>DM28 PL 2 at 180° with one side plugged</p> <p>DM29 2 at 90°</p> <p>DM39 3 at 90°</p> <p>DM49 4 at 90°</p> <p>CSX/DSX/AERIS™/OMERO™ Drill mounting²</p> <p>DM19AS 1 at 90°</p> <p>DM28AS 2 at 180°</p> <p>DM29AS 2 at 90°</p> <p>DM39AS 3 at 90°</p> <p>DM49AS 4 at 90°</p> | <p>AERIS™ Suspend drill mounting^{2,3}</p> <p>DM19AST_ 1 at 90°</p> <p>DM28AST_ 2 at 180°</p> <p>DM29AST_ 2 at 90°</p> <p>DM39AST_ 3 at 90°</p> <p>DM49AST_ 4 at 90°</p> <p>OMERO™ Suspend drill mounting^{2,3}</p> <p>DM19MRT_ 1 at 90°</p> <p>DM28MRT_ 2 at 180°</p> <p>DM29MRT_ 2 at 90°</p> <p>DM39MRT_ 3 at 90°</p> <p>DM49MRT_ 4 at 90°</p> | <p>Shipped installed</p> <p>L/AB Less anchor bolts</p> <p>VD Vibration damper</p> <p>TP Tamper proof</p> <p>H1-185xx Horizontal arm bracket (1 fixture)^{4,5}</p> <p>FDLxx Festoon outlet less electrical⁴</p> <p>CPL12xx 1/2" coupling⁴</p> <p>CPL34xx 3/4" coupling⁴</p> <p>CPL1xx 1" coupling⁴</p> <p>NPL12xx 1/2" threaded nipple⁴</p> <p>NPL34xx 3/4" threaded nipple⁴</p> <p>NPL1xx 1" threaded nipple⁴</p> <p>EHHxx Extra handhole^{4,6}</p> <p>MAEX Match existing⁷</p> <p>USPOM United States point of manufacture⁴</p> <p>IC Interior coating⁹</p> | <p>Standard colors</p> <p>DDB Dark bronze</p> <p>DWH White</p> <p>DBL Black</p> <p>DMB Medium bronze</p> <p>DNA Natural aluminum</p> <p>Classic colors</p> <p>DSS Sandstone</p> <p>DGC Charcoal gray</p> <p>DTG Tennis green</p> <p>DBR Bright red</p> <p>DSB Steel blue</p> <p>Architectural colors (powder finish)¹⁰</p> |

NOTES:

- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Specify location and orientation when ordering option.
For 1st "x": Specify the height in feet above base of pole.
Example: 5ft = 5 and 20ft = 20
For 2nd "x": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram above.
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
- Combination of tenon-top and drill mount includes extra handhole.
- Must add original order number
- Use when mill certifications are required.
- Provides enhanced corrosion resistance.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:

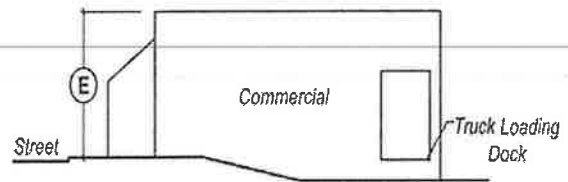
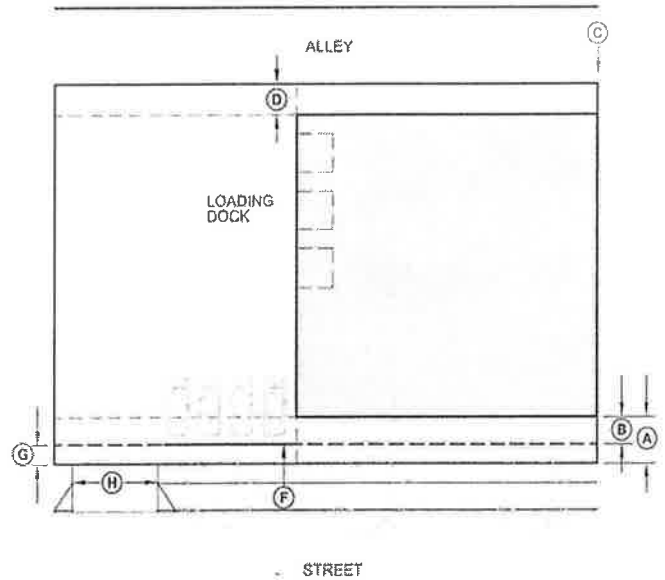
- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

19.86.340 Dock Height Commercial Building

A. A building designed to accommodate light manufacturing and heavy commercial uses, with a screened outdoor area for shipping and deliveries by heavy trucks and off street parking. A dock height commercial building shall be placed on a site as set forth in Table 6-33.

Table 6-33

| | |
|--|---|
| Building Placement. | |
| Front build-to-line: The front façade of the building shall be placed from 5 to 12 feet from the back of the sidewalk. | A |
| Encroachment over the sidewalk may be allowed for some frontage types. | B |
| Side setbacks: None required; 5 feet minimum if provided. | C |
| Rear setback: None required; 5 feet from alley if provided. | D |
| Building Size and Massing. | |
| Building height: Buildings shall be one story with a maximum building height of 35 feet. | E |
| Parking. | |
| Parking and on-site vehicle circulation areas shall be located at least 5 feet from the back of the sidewalk. | F |
| The vehicle entrance to the dock yard from the street shall not exceed a maximum width of 30 feet. | G |



- B. Frontage types of shopfronts, galleries and arcades are preferred.
- C. The main pedestrian entrance to the ground floor shall be directly from the street.
- D. The dock yard area shall be screened from view by a decorative masonry street wall with a maximum height of 5 feet located 5 feet from the back of the street sidewalk. Landscaping shall be provided within a 5-foot planter area between the sidewalk and the masonry street wall.
- E. On-site parking and loading bays shall be in the dock yard area. Parking and services shall be accessed from within the dock yard, or from an alley. The vehicle entrance to the dock yard may be from either an alley or from the street through an entrance not to exceed a width of 30 feet.

(Ord. 2358 §22)

**Mitigation Measures Applicable to
Site Design and Architectural Review Projects**
From the Meriam Park Environmental Impact Report
and Mitigation Monitoring Program

AESTHETICS

AES-1: In order to minimize impacts of new sources of light and glare:

1. All new lighting shall be designed to eliminate direct light spilling onto adjacent properties.
2. Lighting for new development within Meriam Park, including parking areas, shall be designed to include shields, ranging from 120-180 degrees and cut-offs that minimize light spillage onto unintended surfaces and minimize atmospheric light pollution, use minimal wattage.
3. Exterior surfaces should not be reflective glass or other reflective materials.
4. As part of the Architectural Review process, light and glare should be given specific consideration and measures incorporated into project design to minimize both.
5. Where possible, limit height of light standards to 12 feet.

AIR QUALITY

AIR-1a: All construction plans and documents for construction projects in the TND zone shall include the measures set forth below to reduce construction-related air quality impacts.

1. All active construction areas shall be watered at least twice daily. The frequency shall be based on the type of operation, soil conditions, and wind exposure.
2. Apply chemical soil stabilizers to inactive construction areas (disturbed areas that are unused for at least four consecutive days) to control dust emissions. Dust emission shall be controlled at the site for both active and inactive construction areas throughout the entire construction period (including holidays).
3. Storage piles shall be controlled for dust emissions as needed by covering the storage pile, application of chemical soil stabilizers, or other technique acceptable to the City.
4. Vehicle speeds shall be limited to 15 mph on unpaved roads and areas.
5. Land clearing, grading, earth moving, or excavation activities shall be suspended when wind speeds exceed 20 mph.
6. Non-toxic binders (e.g. latex acrylic copolymer) shall be applied to exposed areas after cut and fill operation and the area hydroseeded when the area becomes inactive for 10 days or more.
7. Prior to any grading or construction taking place, the developer shall consult with the Butte County Air Quality Management District regarding the application of a paved (or dust palliative treated) apron onto the Meriam Park site.
8. Inspect adjacent streets at least once per day and sweep or wash paved streets adjacent to the site where visible silt or mud deposits have accumulated due to construction activities.

9. Building and Engineering Division staff shall review final improvement plans for all construction projects to ensure that the above notes are included on such plans. Building and Engineering Division staff shall inspect the property for compliance with the above air quality measures.

AIR-1b: One or more publicly-visible signs shall be posted at each construction site with the name and telephone number of the developer representative to contact regarding dust complaints. Complaints received about dust shall be responded to, and corrective action taken, immediately. The telephone number of the BCAQMD shall be included on the signs and visible to ensure compliance with BCAQMD Rules 201 and 207.

AIR-1c: Construction shall be phased so that only a portion of the Meriam Park site is graded at a time. Areas in which one large piece of earth-moving equipment is working shall not exceed 10 acres on a daily basis, and areas in which two or more large pieces of earth-moving equipment are working simultaneously shall not exceed 4 acres per day.

AIR-1d: Prior to final occupancy, all exposed ground surfaces shall be landscaped, seeded or chemically treated to minimize fugitive dust emissions (dust clouds caused by wind, traffic, or other disturbances to exposed ground surfaces).

AIR-2: The following measures would reduce diesel particulate matter and NOx emissions from construction equipment, and represent a level of reasonable control that would reduce these emissions to a less-than-significant level.

1. Prior to commencement of any grading or construction, a NOx reduction plan shall be prepared and submitted for approval by the City and BCAQMD demonstrating that heavy-duty (> 50 horsepower) off-road vehicles to be used during construction, including owned, leased and subcontracted vehicles, will achieve a project-wide fleet-average NOx reduction equivalent to or exceeding the most recent CARB fleet average at the time of construction. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available.
2. The NOx reduction plan shall include a comprehensive inventory of all off-road construction equipment, equal to or greater than 50 horsepower, that would be used an aggregate of 40 or more hours during any portion of the construction project. The inventory shall include the horsepower rating, engine production year, and projected hours of use or fuel throughput for each piece of equipment. The inventory shall be updated on a monthly basis throughout the duration of the grading portion of construction.
3. Opacity is an indicator of exhaust particulate emissions from off-road diesel powered equipment. The Meriam Park project shall ensure that emissions from all construction diesel powered equipment used on the Meriam Park site do not exceed 40 percent opacity for more than three minutes in any one hour. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately.
4. The contractor shall install temporary electrical service whenever possible to avoid the need for independently powered equipment (e.g. compressors).
5. Diesel equipment standing idle for more than two minutes shall be turned off. This would include trucks waiting to deliver or receive soil, aggregate, or other bulk materials.

Rotating drum concrete trucks could keep their engines running continuously as long as they were on-site and away from residences.

6. Properly tune and maintain equipment for low emissions.

BIOLOGICAL RESOURCES

BIO-8: Adequate measures shall be taken to avoid inadvertent take of loggerhead shrike, raptors, and nests of other birds protected under the Migratory Bird Treaty Act when in active use. This shall be accomplished by taking the following steps.

1. If construction is proposed during the nesting season (March - August), a focused survey for nesting raptors and other migratory birds shall be conducted by a qualified biologist within 30 days prior to the commencement of construction, in order to identify any active nests on the proposed project site and the vicinity of proposed construction.
2. If no active nests are identified during the survey period, or if construction is initiated during the non-breeding season (September - February), grading and construction may proceed.
3. If active raptors nests are found, an adequate setback shall be established around the nest location and construction activities restricted within this no-disturbance zone until the qualified biologist has confirmed that any young birds have fledged and are able to function outside the nest location. Required setback distances for the no-disturbance zone shall be determined in consideration with the CDFG and/or USFWS, and may vary depending on species and sensitivity to disturbance. The no-disturbance zone shall be fenced with temporary orange construction fencing.
4. A report of findings shall be prepared by the qualified biologist and submitted to the City for review and approval prior to initiation of grading and construction during the nesting season (March - August). The report shall either confirm absence of any active nests or shall confirm establishment of a designated no-disturbance zone for any active nests. Supplemental reports shall be submitted to the City for review and approval where no-disturbance zones have been required to allow construction to proceed within these zones after any young birds have fledged.

CULTURAL RESOURCES

CUL-2a: In the event any cultural materials are discovered or unearthed during the course of grading or construction activities, all work shall cease within 100 feet of the discovered site and a qualified archeologist shall be retained by the project applicant to evaluate the significance of the site. If the archeologist determines that the materials represent a potentially-significant resource, the project proponent, archeologist, City Planning Director, and local tribal coordinator shall begin a consultation process to determine a plan of action either for: 1) total data recovery, as a mitigation; 2) tribal cultural resource monitoring; 3) displacement protocol; or 4) total avoidance of the resource, if possible.

CULT-2b: A note shall be placed on all construction plans which informs the construction contractor that if any bones, pottery fragments or other potential cultural resources are encountered during construction, all work shall cease within the area of the find pending an

examination of the site and materials by a professional archaeologist. The Planning Division and Engineering Division staff will verify that this wording is included in project grading plans.

CUL-3: In the event that human remains are discovered during the course of grading or construction activities, all work shall cease within 100 feet of the find and the construction supervisor must immediately notify the Butte County Coroner pursuant to Section 7050.5 of California's Health and Safety Code, and the City Planning Director. The construction supervisor shall also take appropriate action to ensure that the discovery is protected from further disturbance and vandalism. If the remains are of a Native American, the coroner must notify the California Native American Heritage Commission within 24 hours, which in turn will inform a most likely descendent pursuant to Section 5097.98 of the State Resources Code. The designated descendant would then negotiate with the land owner for final disposition of identified remains, which may include reburial within an appropriate location within the project area.

CUL-4: In the event that paleontological resources are encountered during construction activities, consultation with a professional paleontologist, geologist or archaeologist, as appropriate, shall be undertaken immediately, and the significance of the find evaluated. Appropriate specific mitigation measures would be recommended, based on the finding of significance of the discovery. The project proponent shall implement recommended mitigation measures.

HYDROLOGY AND DRAINAGE

HYDRO-3: The developer shall develop a stormwater master plan and a SWPPP for the Project site. No grading permits or other construction permits for the Project site shall be issued until the developer prepares a SWPPP and the SWPPP is reviewed and approved by the City of Chico and reviewed by the Caltrans District 3 office and the Central Valley Regional Water Quality Control Board (Redding office). The SWPPP shall describe the construction- phase and post-construction control measures to improve water quality of runoff. Selection and design of the water quality BMPs shall be reviewed and approved by City staff and operations and maintenance considerations shall be described in the SWMP or Operations and Maintenance Manual (OMM) prepared for the treatment facilities.

UTILITIES

UTIL-1b: At least 75 percent of the remaining project-related construction and demolition waste shall be diverted to an approved facility or by salvage. The City shall give the applicant a list of approved facilities or reuse options. A Waste Diversion Plan including the total weight or volume of demolition and construction waste and the plan for diverting the waste shall be provided to and approved by the City pursuant to commencement of construction.