DPD Project # 3009397 | Design Guidance Medical Dental Building, 2800 MLK Jr Way S., Seattle, WA



Project Contacts:

Owner:

Dr. William E. Hooe 747 N 185th Shoreline, WA 98133

P: (206) 542 1313 / F: (206) 546 0887

Email: whooe@me.com

Landscape Architect:

Heier Design Group 14110 NE 21st. Ste. 102 Bellevue, WA 98007

P: (425) 451 8001 / F: (425) 455 3412

Email: rickheier@aol.com

Contact: Rick Heier

Architect:

Rolluda Architects, Inc. 105 S. Main St., Ste. 323 Seattle, WA 98104 P: (206) 624 4222 / F: (206) 624 4226 Email: taine@rolludaarchitects.com Contact: Taine Wilton

Sheet Index:

- **Cover Sheet**
- Perspective View
- 2 Design Guidance Response
- 3 Design Guidance Response Cont'd
- Survey and Code Summary
- Landscape Site Plan & Green Factor
- Landscape Site Plan & Details
- Architectural Site Plan & Project Data
- First Floor Plan
- Second Floor Plan
- 10 **Roof Plan**
- 11 **Exterior Elevations**
- **Exterior Elevation** 12
- 13 **Exterior Elevation**
- 14 **Exterior Elevations**
- 15 **Exterior Elevation**
- 16 **Exterior Elevation**
- 17 **Building Section & Details**
- 18 **Building Section & Details**
 - **Electrical Lighting Plans & Cut Sheets**

rolluda architects

Perspective View



 EXISTING POLES NOT SHOWN FOR CLARITY. PLEASE REFER TO SURVEY SHEET FOR LOCATION. **NW Perspective**

Design Guidance Response

RAI Response Cont'd:

- The cistern and portion of planter structures beyond property line have been omitted per SDOT requirements.
- The 24' driveway has been reduced to 20' wide driveway as requested under proposed design departure. See sheet 7 for layout and dimensions.

A-10 Corner Lots.

- Although the entry does not need to be at the corner active uses must be visible through the façade.
 The proposed exam rooms and storage at the corner are not active enough spaces to create the visual
 interaction necessary between the building and the corner. A suggested solution is to shift the
 reception, waiting, and / or more active areas to the corner.
 RAI Response:
- The design has been revised with the staff lounge occupying the street corner and allowing more transparency for the first 30' as required by Design Review Board. See First Floor Plan on sheet 8.

C-2 Architectural Concept and Consistency.

- The EDG packet cover perspective drawing shows the roof eaves and the OHWP out of proportion with the building. These must be corrected.
- The proposed east façade second floor access stairs and balcony should be carefully thought through. If a building on the adjacent site is built to the lot-line, as is likely, the balcony and stairway could become unattractive as well as an area of minimal personal safety.
- The proposed rusticated concrete base could be an attractive element to the overall design. However, the strong horizontal reveals proposed create too strong a separation between the base and upper levels. A possible solution would be bringing upper level vertical elements down to the ground, such as pilaster extensions of the vertical frame elements already proposed between the second floor level and the roof.
- The north façade upper level (possible third level) windows should be continued along the MLK Way façade, appropriate to the sloping roof line here.

 RAI Response:
- Design revised. See plans and elevations.

C-4 Exterior Finish Materials.

- The Board is comfortable with the preliminary material and color choices presented and discussed.
 RAI Response:
- Material board will be provided during Design Review meeting. Colors will match the renderings shown in the MUP package.

D-2 Blank Walls.

• <u>MUP Comments:</u> Overall the design responds adequately to the guidance for DRB review.

A-1 Responding to Site Characteristics.

- Full required transparency must be included in at least the first 30-feet from the corner of the McClellan façade.
- Landscaping along the southeast corner of the proposed parking area should adequately and attractively screen this area from the single-family properties to the southeast.
 RAI Response:
- Transparency for the first 30' of S. McClellan façade has been met and calculation provided in sheet 7, 8, and 12.
 The 6' deep planter has been reduced to 2' deep planter to meet SDOT requirement of no encroachment into the right of way, and the height of the planter is reduced to less than 2' high. This would ensure the ground cover plants proposed for the planter area will not block transparency. Please refer to sheet 17 for sectional detail through one of the planters along S. McClellan façade to see how the proposed design meets the transparency requirement.
- Landscaping provided at SE corner to screen the parking area from single-family properties to the SE. See sheet 14.

A-3 Entrances Visible from the Street.

- Entries should be clearly identifiable and visible from the street.
 RAI Response:
- The main entry door is recessed and the proposed entry canopy is reduced to emphasize the main entrance. See plans and elevations.

A-8 Parking and Vehicle Access.

A-9 Location of Parking on Commercial Street Fronts.

- No indication quantifying exactly what the solar / sustainability benefits for the building from this orientation for the storage areas or the circulation tower have been provided. Because these form a substantial basis for this departure request, this information must be provided.
- Provide more attractive dumpster screening to replace the chain link dumpster fencing.
- MLK parking lot landscaping: Please provide elevations of the two planters with the proposed plants included showing expected screening in three years. Also, provide a planting schedule (table) specifically for these areas with the sizes at planting and at maturity.
- SDOT Preliminary Approval required for portion of planters and proposed cistern in the right of way.
- Minimizing the visibility of the parking lot from MLK is a priority for this Design Departure. The proposed 24 foot driveway does not work toward that goal. An 18-20 foot width should be explored and presented as an alternative. Narrowing the interior drive aisle should also be explored. This could be approved through a Design Departure. RAI Response:
- Solar Benefits is provided on sheet 3.
- More attractive dumpster screening provided. See South elevation, sheet 11 and 13.
- MLK parking lot landscaping: Elevation of the proposed planters and planting schedule provided. See sheet 6 &14.

Design Guidance Response Cont'd

Solar Benefits:

The building is oriented on the east-west axis to respond to the site characteristics by taking advantage of the solar exposure to cut down lighting, heating, and cooling load of the building as well as increasing productivity, comfort, and well being of building occupants.

Lighting:

By situating the building so that the long axis sits in the east- west direction, providing glazing and solar shading devices where needed, each space within the building can be lit by natural daylighting that is beneficial for accomplishing specific tasks depending on the use of the space.

Windows along the north face of the building admit soft, diffused light with less glare, ideal for examination and treatment rooms occupying the northern portion of the interior space. The doctor's office also benefits from the northern light. The staff lounge at the northwest corner of the building will take advantage of the western sun in the afternoon.

The location of administration/reception and waiting area at the southwest corner of the building gives access to the southern sun exposure that brightens the space and reduces the need for artificial lighting during operation hours.

On the second floor, the south facing windows and north facing clerestory windows allow daylight to lit the space throughout the day, reducing electricity bill as well as creating an appealing leasable interior space.

Since the light admitted from the exterior windows is often insufficient to lit the middle portion of the room, south-facing roof monitor is provided, admitting even lighting in the interior of the leasable space.

To reduce glare from the south and west facing windows, solar shades will be provided to improve interior lighting. Brightly lit interior with solar shades to control glare not only saves electricity bill by reducing the use of artificial lighting, but will also increase comfort and productivity of the building occupants.

Overall, orienting the building along S. McClellan St. allows the building to be lit from both north and south all year long, reducing energy consumption while increasing the level of comfort and productivity of patients and staff.

Heating and Cooling:

In a medical dental practice, maintaining patients' comfort by keeping the interior temperature within normal comfort level all year long may result in higher than normal energy bill, especially during summer where a lot of energy is spent for air conditioning. To minimize heat gain and reduce heating and cooling load, both passive solar heating and high efficiency HVAC system will be employed.

To reduce heat gain during summer, the south and west facing glazing will be shaded by solar shades and low emissivity glazing will be used throughout the project to admit light without increasing heat gain. In addition, some windows will have operable panels to take advantage of pleasing breezes and fresh air and give an opportunity for cross ventilation.

The landscaping around the building also helps to improve air quality by absorbing carbon dioxide emission and producing more oxygen while improving pedestrian experience along both MLK and S. McClellan St.

In addition to the passive system, an efficient HVAC system in the form of variable refrigerant flow split system is employed to save cost and offer higher degree of flexibility. The system uses only one condensing unit to heat or cool multiple spaces and can be individually controlled by occupants. The proposed location for the mechanical unit is on the attic space above the stair, with louvers facing east, or away from the street front facades.

Combination of building orientation, efficient heating and cooling system, and site design create an appealing street presence while reducing environmental impact to the site and its surrounding.

D-3 Retaining Walls.

- SE corner of project site: Due to the topographic depression to the southeast of the project site, any retaining wall system and fencing will be highly visible from the properties in that direction. A suggestion is a low maintenance ornamental metal fence that would allow visibility of the adjacent parking lot landscape screening and allow solar exposure for that landscaping while not exacerbating the grade difference by a solid continuous combined retaining wall and fence. RAI Response:
- See sheet 14, East elevation.

D-4 Design of Parking Lots Near Sidewalks.

- If parking access continues to be proposed from MLK Way and flanked by double-loaded parking stalls, extensive and attractive landscape screening must be included.
 RAI Response:
- See sheet 6 & 14 for landscape plan and rendered elevations of the parking lot screening.

D-7 Personal Safety and Security.

- Security lighting to address nighttime safety should not produce "light trespass" to the adjacent single-family neighborhood or to the street. Proposed approaches to lighting and security gating must be submitted with the MUP application for review by DPD and the Board. RAI Response:
- See sheet 19 for site lighting plans and electrical cut sheets.

D-9 Commercial Signage.

- MUP Comments: Overall the design responds adequately to the guidance for DRB review.
 Please provide preliminary sign design ideas for Board discussion.
 RAI Response:
- See sheet 11& 14 for sign locations and sheet 17 for preliminary signage idea.

D-11 Commercial Transparency.

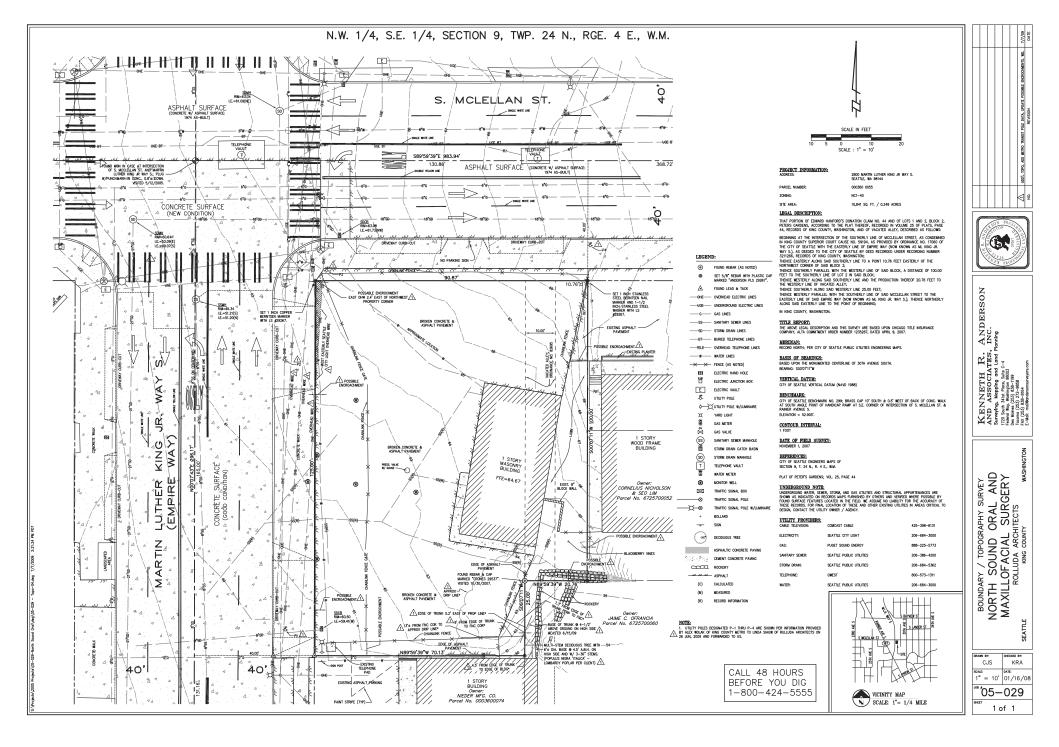
- The Code required glazing along the western 30-feet of McClellan Street and MLK Way should not use frosted glass or similar at the corner.
 RAI Response:
- The proposed design meets the required 30' of transparency along McClellan facade. See sheet 12.
- Beyond the 30' requirement, sandblasted art glass maybe used for privacy into the treatment rooms.

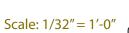
E-2 Landscaping to Enhance the Building and/or Site.

RAI Response:

See comments under A-1 and A-8/A-9. To reduce stormwater runoff, pervious asphalt paving material will be used on the new parking area. See Green Factor Score Sheet on sheet 5.

Survey







ZONING CODE SUMMARY:

NC1-40 Lot Area = 10,854 S.F.

Maximum size limitation for medical services = 10,000 SF Proposed medical services area = 6,157 SF < 10,000 SF

Proposed maximum building height = 40'-0". See sheet 13 & 15.

Non-residential - 40' height limit: Max. Floor Area Ratio = 3

Rear and side setback for lots adjacent to residential zones:

Structures with more than one (1) dwelling unit. For a structure with more than one (1) dwelling unit, a setback is required along any rear tot line that abuts a lot in a residential zone or that is across an alley from a lot in a residential zone, as follows. Fifteen (15) feet for portions of structures above thirdeen (13) feet in height to a

maximum of forty (40) feet.

Basic street level requirements

The provisions of this subsection apply to: Structures in NC zones

Blank segments of the street-facing façade between two (2) feet and eight (8) feet above the sidewalk may not exceed twenty (20) feet in width.

Setbacks. Street level street facing facades must be located within ten (10) feet of the street lot line, unless wider sidewalks, plazas, or other approved landscaped or open spaces are

Height and depth of nonresidential space.
The provisions of this subsection and subsection A apply to: Structures with street level

nonresidential uses in NC zones.

Sixty (60) percent of the street-facing façade between two (2) feet and eight (8) feet above the sidewalk shall be transparent.

Note:
Design departure requested for S. McClellan facade per EDG Review Comments. Will meetlexceed transparency for the first 30' of S. McClellan facade per calculation on shee 7 and as dimensioned in sheet 12.

Transparent areas of façades shall be designed and maintained to allow unobstructed views from the outside into the structure or, in the case of live-work units, into display windows that have a minimum thirty (30) inch depth.

See sheet 17 for conceptual sketch through the examination room to show transparency

from the sidewalk.

Nonresidential use must extend an average of at least thirty (30) feet and a minimum of fifteen (15) feet in depth from the street-level street-facing façade, except that if the street-facing façade and depth requirements result in a space greater than fifty (50) percent of

Landscaping:

23.47A.016A.2. Green Area Factor Requirement; Landscaping that achieves a green factor score of .30 or

greater is required for: b. any new structure containing more than four thousand (4,000) s.f. of nonresidential use.

c. any new parking lot containing more than twenty (20) parking spaces for automobiles.

Structural building overhangs

Overhead horizontal projections of a purely architectural or decorative character such as cornices, eaves, sills, and belt courses shall be limited to a maximum horizontal extension of one (1) foot. At roof level, the projections may extend not more than three (3) feet

Solar shades = 1'-0" overhang beyond property line. See sheet 10.

23 47 032 A1a Access to Parking in NC zones

Access to parking must be from the alley if the lot abuts an alley improved to the standards of Section 23.53.030C.

Design departure requested for access from MLK.

23.47.032.B1c Parking to the side of a structure shall not exceed (60) feet of lineal street frontage

Proposed lineal street frontage of parking = 60'-0'

23.54.015.B.2 Station Area Overlay: No parking required 23 54 015 K

Required bicycle parking for medical services = 1 per 12,000 s.f.

Provided = 2 bicycle parking. See sheet 7 and 8 for location. 23.54.030B.2b.

When between 11 and 19 parking spaces are provided, a minimum of 25% of the parking spaces shall be striped for small vehicles. A maximum of 65% percent of the parking spaces may be striped for small vehicles. A minimum of 35% of the stalls shall be striped for large

23.54.030D2a.

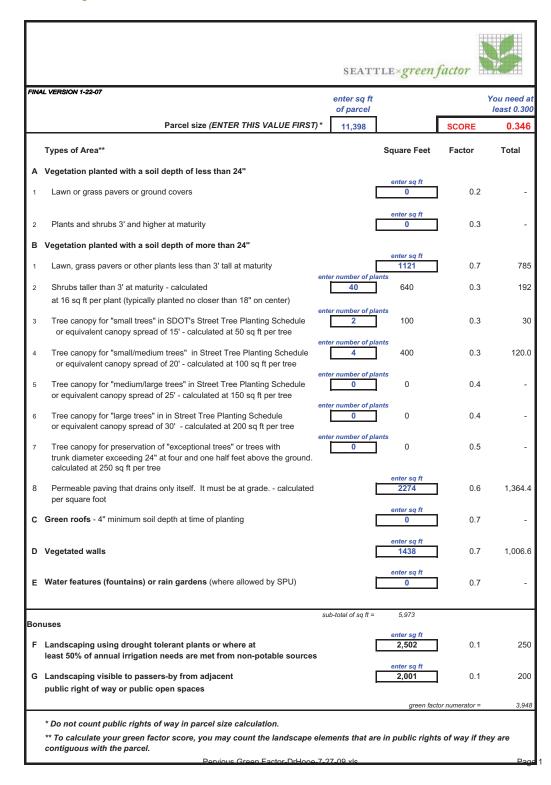
The min. width of driveway for one (1) way traffic shall be twelve (12) ft. and the max. width shall be fifteen (15) ft.

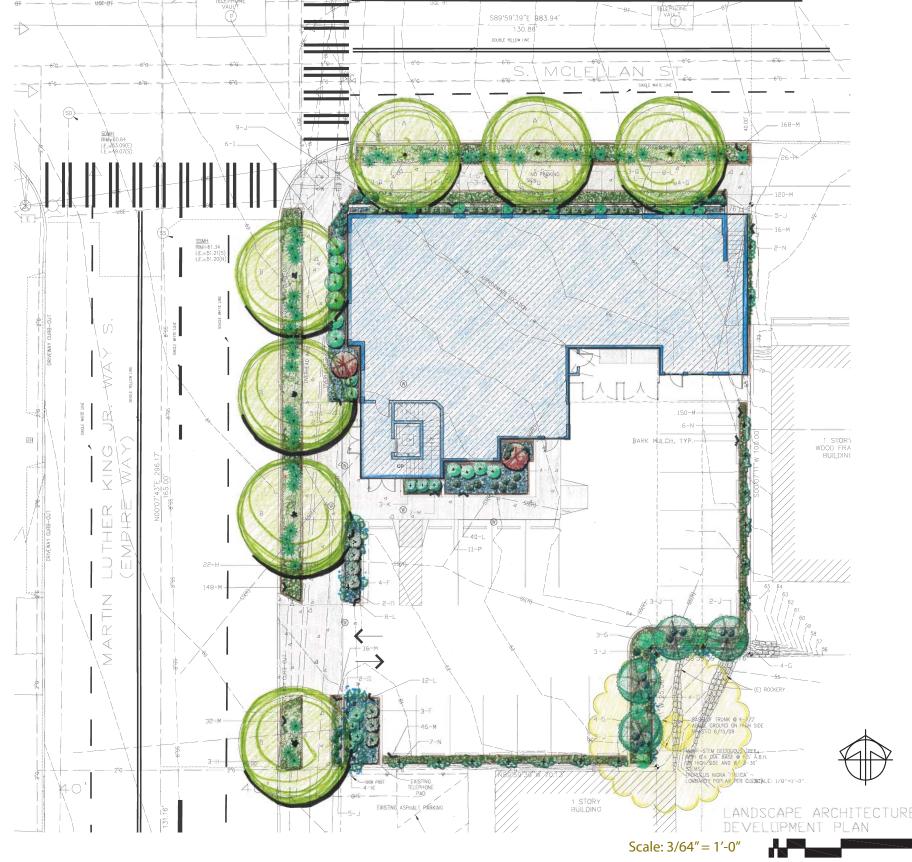
The min. width of driveway for two (2) way traffic shall be twenty two (22) ft. and the

max. width shall be twenty five (25) ft.

Note:
Design departure requested for 20'-0" driveway width per DPD Comments.

Landscape Site Plan & Green Factor

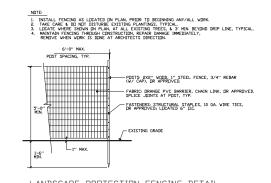




Landscape Site Plan & Details

PLANT SCHEDULE

DROUGHT TOLERANCE	QTY.	. NAME (BOTANICAL - COMMON)	SIZE	ROOT	SPACING	REMARKS
Moderate Regular Moderate Regular Little Moderate Regular Regular Regular Little Little Little Little Regular Moderate Regular	3 4 4 2 0 7 20 51 10 30 9 146 703 15 8 11 18	Liquidanhor styractifua-Seest Gun Tillia tonentosa-Silver Linden Acer palnatum Sangokakur-Coral Bark Mapie Acer palnatum Sangokakur-Coral Bark Mapie Acer palnatum Sasestunkur-Verredf-Refütti. Vip., JapMople Chanocyparis cöttas-Hendel Cypress Chanocyparis cöttas-Hendel Cypress Chanocyparis cöttas-Hendel Cypress Azelea nollis-Beddauda Sazelea(Refül-Tingeft) Phalaris arundinacea-Pictaf-Ribbon Grass Rhododendron-Viloquet-Viloquet-Nollise Rhody Viburnum davidi-Bavid's Viburnum Cotoneaster danneri-Bearberry Cotoneaster	3"cal. 3"cal. 2 1/2"cal.	B&B B&B B&B B&B B&B B&B B&B B&B B&B B&B	25'o.c. 25'o.c. 16'o.c. - 12'o.c. 3'o.c. 3'o.c. 3'o.c. 3'o.c. 3'o.c. 2'o.c. 18''o.c.	Full, Branched&7'ht. Full Branched&6'ht. Full Specified Full, Specified Full, Matched





S89*59'39"E 983.94" A R ⊃'

DPD Project # 3009397 | Design Guidance

Architectural Site Plan & Project Data

S MCCLELLAN ST ELEVATION = 84.5' 5. MCCLELLAN 51. ELEVATION = 94.5'
PROPOSED TOTAL GLAZING ALONG S. MCCLELLAN ST. = 7X 8' = 56'
PROPOSED FULL TRANSPARENCY FOR FIRST 30' PER EDG REVIEW.
= (2 X 8') + 3'-9" = 19'-9" ISPARENCY PERCENTAGE ALONG S. MCCLELLAN ST. (FIRST 30' PER EDG REVIEW) = 19.75/30' X 100% = 65.8% > 60% REQUIRED.

PARKING CALCULATION:

23.54.015B.2. STATION AREA OVERLAY: NO PARKING IS REQUIRED.

PARKING SPACES PROVIDED: (18) SPACES. LARGE STALLS MIN. REQUIRED = 35%X18 = 6.3 = 7 LARGE STALLS - 8'-6"WX19'L LARGE STALLS PROVIDED = 7 LARGE STALLS - 8'-6"WX19'L

ACCESSIBLE PARKING SPACES (1106.1 SEATTLE BUILDING CODE):

REQUIRED NUMBER=1 PROVIDED NUMBER=2 ADA STALLS - 8'-0"WX19'L

BICYCLE PARKING CALCULATION:

23.54.015K CHART E: A4: MEDICAL SERVICES = 1 PER 12.000 S.E. TOTAL GROSS FLOOR AREA = 7,562 S.F./ 12,000 S.F. = 1 BICYCLE PARKING REQ'D TOTAL BICYCLE PARKING PROVIDED = 2 SPACES.

LANDSCAPE AREA CALCULATION:

SEE ATTACHED GREEN FACTOR CALCULATION IN L1.0.

SOLID WASTE AND RECYCLABLE MATERIALS STORAGE

REQUIRED AREA PER KC 23.47A.029 = 125 S.F. PROVIDED = 17' X 7'-6" = 127.5 S.F. > 125 S.F.

PROJECT DESCRIPTION:

TO BUILD A (2) STORY DENTAL/MEDICAL BUILDING. THE FIRST FLOOR TO BE OCCUPIED BY THE OWNER AND USED FOR ORAL SURGERY. THE SECOND FLOOR WILL HAVE (1) LEASABLE SPACE FOR USE AS MEDICAL-DENTAL

DESIGN DEPARTURE REQUESTED:

- 1) ACCESS FROM MLK JR WAY S. INSTEAD OF S. MCCLELLAN ST. PER KC
- 23.47A.032 A.1 AND 2.
 2) CURB CUT WIDTH FOR (2) WAY TRAFFIC REDUCED TO 20' INSTEAD OF 24'. DRIVE AISLE IS ALSO REDUCED TO 20' MIN. FOR LARGE SIZE
- VEHICLES.
 AT S. MCCLELLAN FACADE, MEET FULL TRANSPARENCY FOR FIRST 30'
 FROM THE NW CORNER PER EDG REVIEW COMMENTS.

PROJECT DATA:

TAX ACCOUNT NUMBER:

0003600055

THAT PORTION OF EDWARD HANFORD'S DONATION CLAIM NO. 44 AND OF LOTS 1 AND 2, BLOCK 2, PETER'S GARDENS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 25 OF PLATS, PAGE 44, RECORDS OF KING THEREOF RECORDED IN VOLUME 29 OF PLATS, PAGE 443, RECORDS OF NING COUNTY, WASHINGTON, AND OF VACATED ALLEY, DESCRIBED AS FOLLOWS: BEGINNING AT THE INTERSECTION OF THE SOUTHERY LINE OF MCCLELLAN STREET, AS CONDEMNED IN KING COUNTY SUPERIOR COURT CAUSE NO. 59194. AS PROVIDED BY ORDINANCE NO. 17060 OF THE CITY OF CAUSE NO. 39194, AS PROVIDED BY ORDINANCE NO. 17666 FIRE STITLES SEATTLE WITH THE EASTERLY LINE OF EMPIRE WAY, AS DEEDED TO THE CITY OF SEATTLE BY DEED RECORDED UNDER RECORDING NO. 3211266, RECORDS OF KING COUNTY, WASHINGTON:

RECORDS OF AIMS COUNTY, WASHINGTON,
THENCE EASTERLY ALONG SAID SOUTHERLY LINE TO A POINT 10.76 FEET
EASTERLY OF THE NORTHWEST CORNER OF SAID BLOCK 2; THENCE SOUTHERLY PARALLEL WITH THE WESTERLY LINE OF SAID BLOCK, A DISTANCE OF 100.0 FEET TO THE SOUTHERLY LINE OF LOT 2 IN SAID BLOCK;THENCE WESTERLY ALONG SAID SOUTHERLY LINE AND THE PRODUCTION THEREOF 20.76 FEET TO THE WESTERLY LINE OF VACATED

ALLEY:
THENCE SOUTHERLY ALONG SAID WESTERLY LINE 25.00 FEET;
THENCE WESTERLY PARALLEL WITH THE SOUTHERLY LINE OF SAID
MCCLELLAN STREET TO THE EASTERLY LINE OF SAID EMPIRE WAY;
THENCE NORTHERLY ALONG SAID EASTERLY LINE TO THE POINT OF

ZONING:

NC1-40

LOT SIZE: 10,854 S.F.

SETBACK:

REAR AND SIDE SETBACK ADJACENT TO RESIDENTIAL ZONES: FIFTEEN (15) FEET FOR PORTIONS OF STRUCTURES ABOVE THIRTEEN (13) FEET IN HEIGHT TO A MAXIMUM OF FORTY (40) FEET.

MAXIMUM HEIGHT LIMIT OF 40' (SEATTLE LAND USE CODE 23.47.012.A) PROPOSED HEIGHT = 40'-0" MAX.

TOTAL FLOOR AREA:

FIRST FLOOR:

FLOOR AREA CALCULATION:

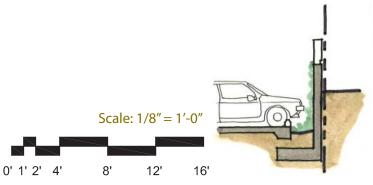
23.47A.013 CHART A MAX. FLOOR AREA RATIO = 3 TOTAL GROSS FLOOR AREA/LOT AREA = 7,562 S.F./10,854S.F. = 0.7 < 3

STREET LEVEL DEVELOPMENT STANDARD:

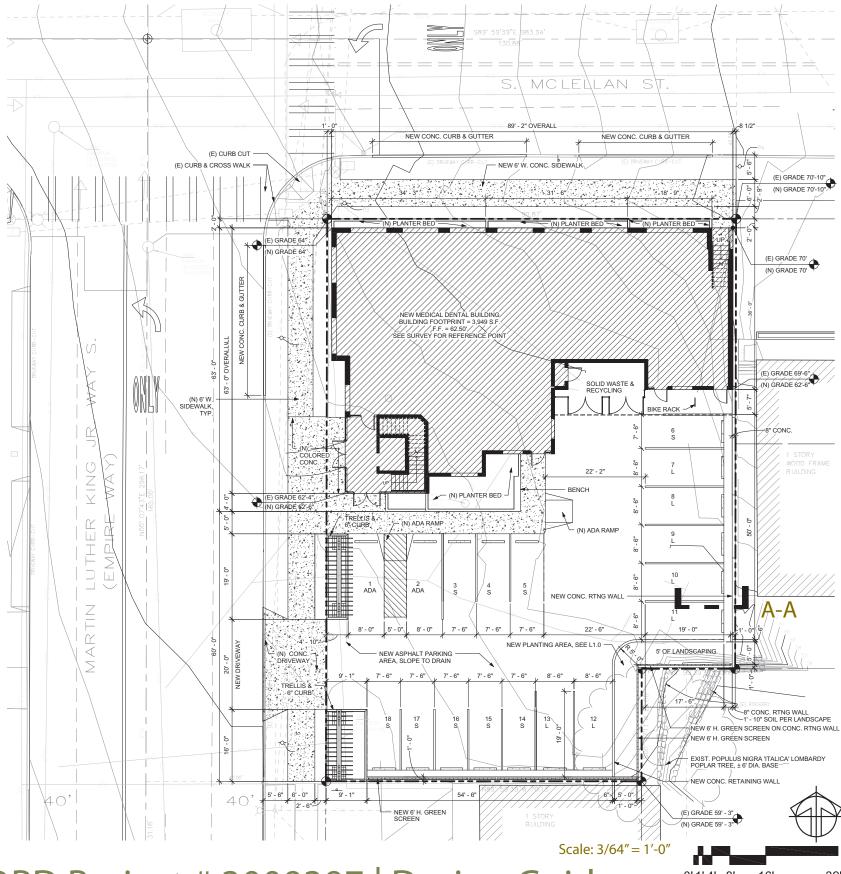
23.47A.008B.2.a. 60% OF THE STREET FACING FACADE BETWEEN 2 AND 8 FT. ABOVE THE SIDEWALK SHALL BE TRANSPARENT.

MARTIN LUTHER KING JR. WAY S. ELEVATION = 29.5'+6'+14.5'+5'+4'

= 59' PROPOSED GLAZING AREA ALONG MLK JR. WAY S. = 9'+8'+6'+16.5' = 38.5' TRANSPARENCY PERCENTAGE ALONG MLK JR. WAY S. = 38.5'59 X 100% = 65% > 60% REQUIRED.



A-A: Partial Section Thru Parking Lot **East Wall**



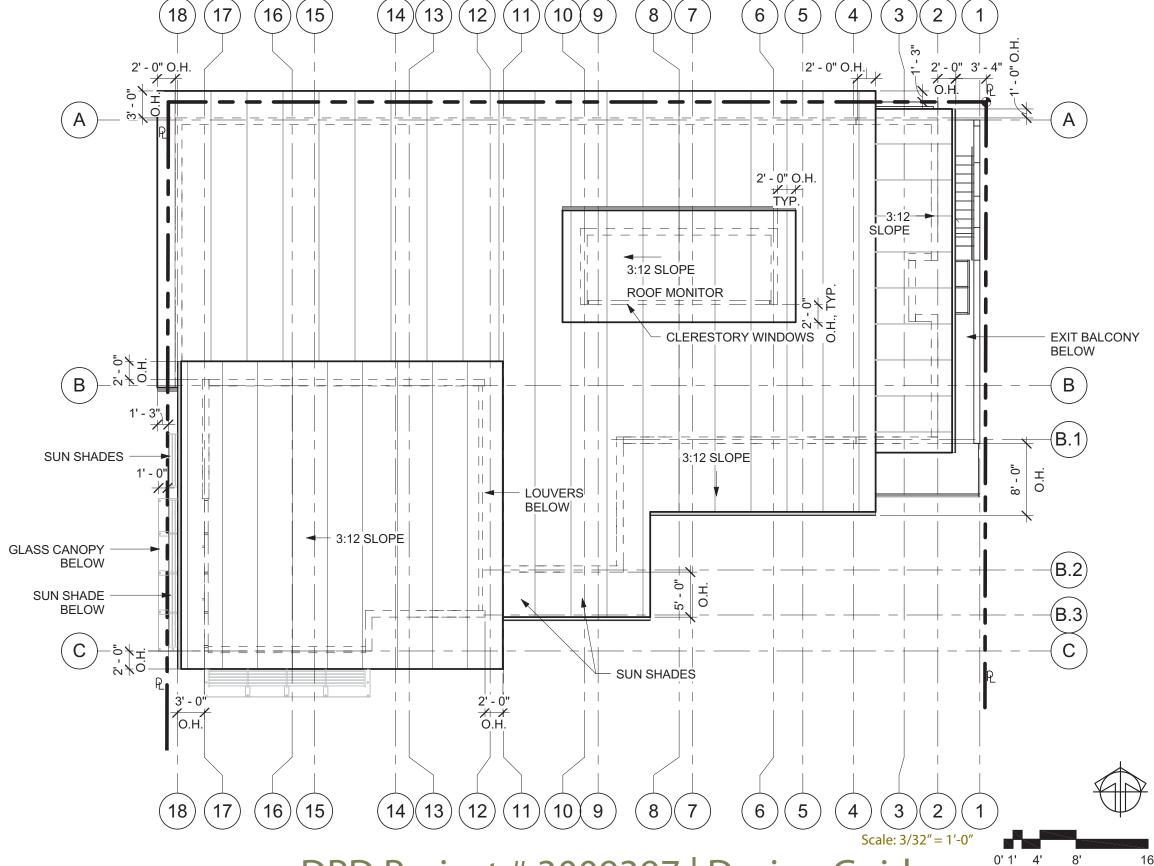
First Floor Plan



Second Floor Plan



Roof Plan



DPD Project # 3009397 | Design Guidance 1 4 8

Medical Dental Building, 2800 MLK Jr Way S., Seattle, WA



















North Elevation (S. McClellan)

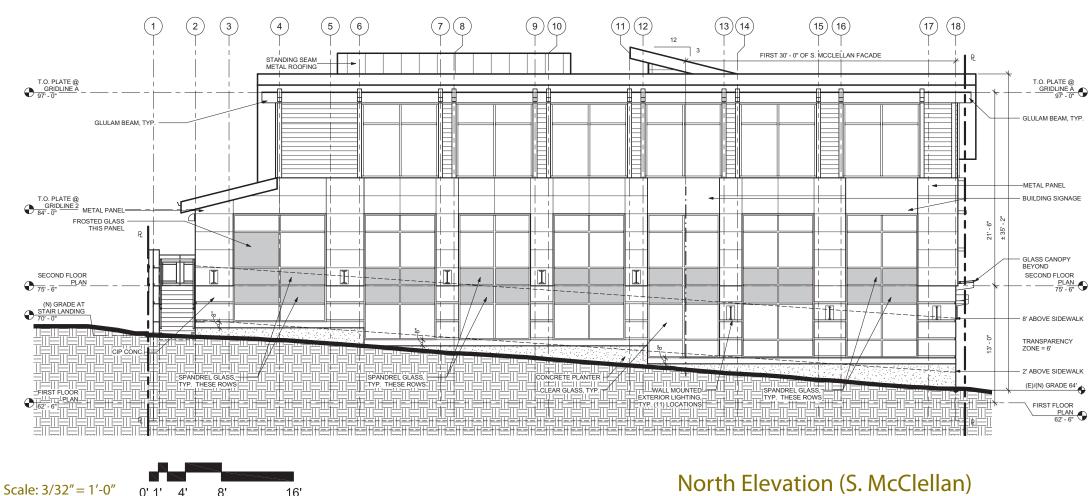




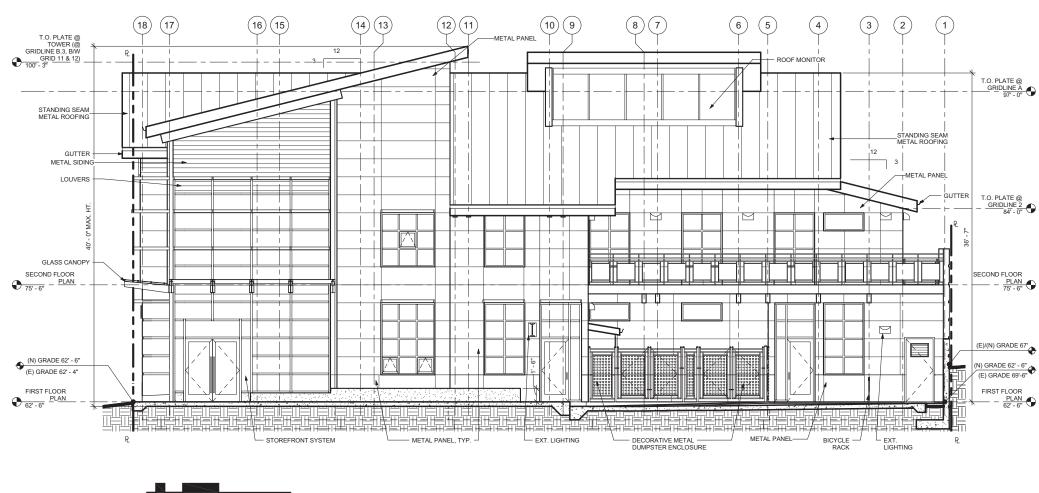




DPD Project # 3009397 | Design Guidance Medical Dental Building, 2800 MLK Jr Way S., Seattle, WA

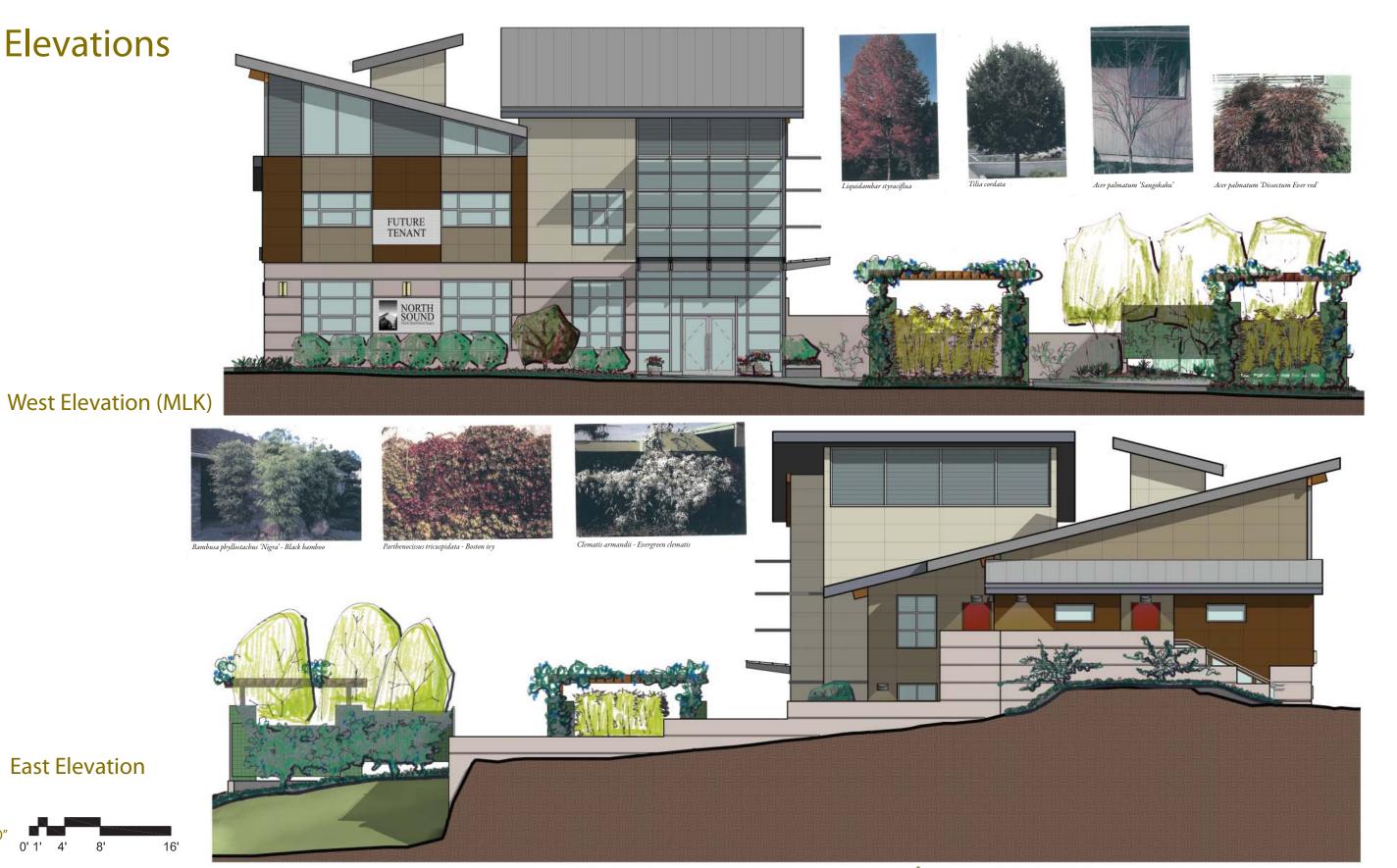


North Elevation (S. McClellan)



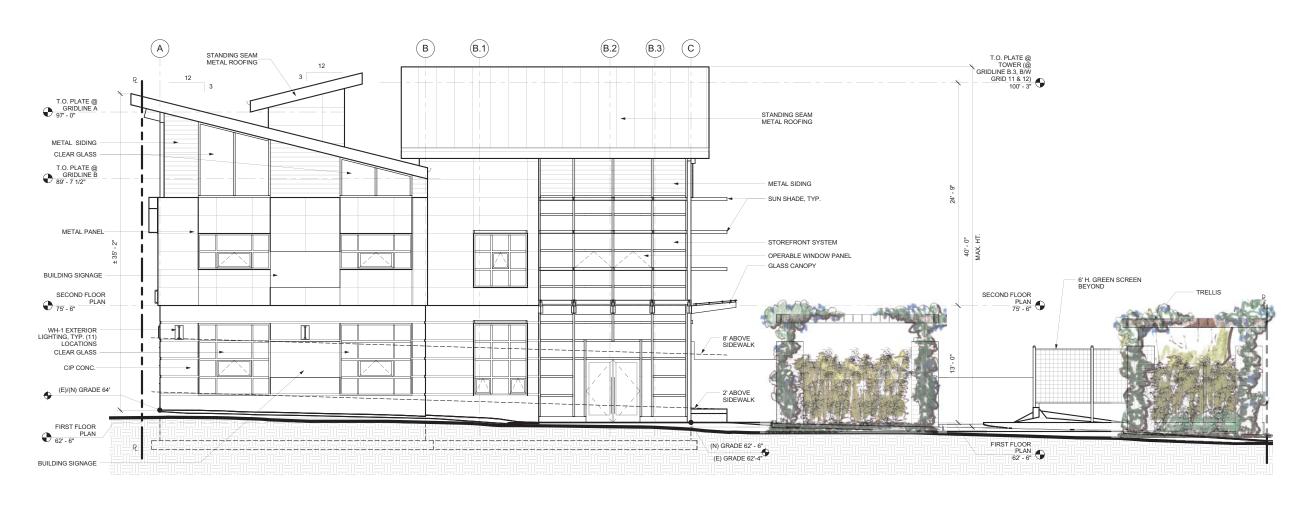
Scale: 3/32" = 1'-0" 0' 1' 4' 8' 16'

South Elevation



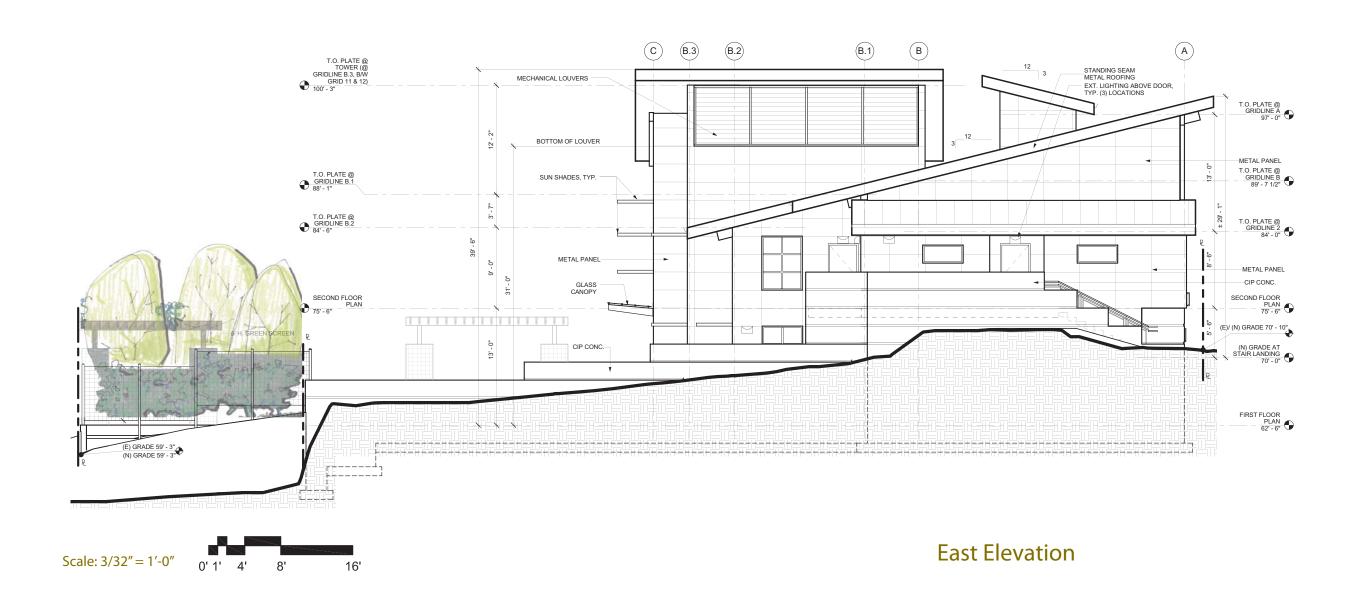
East Elevation

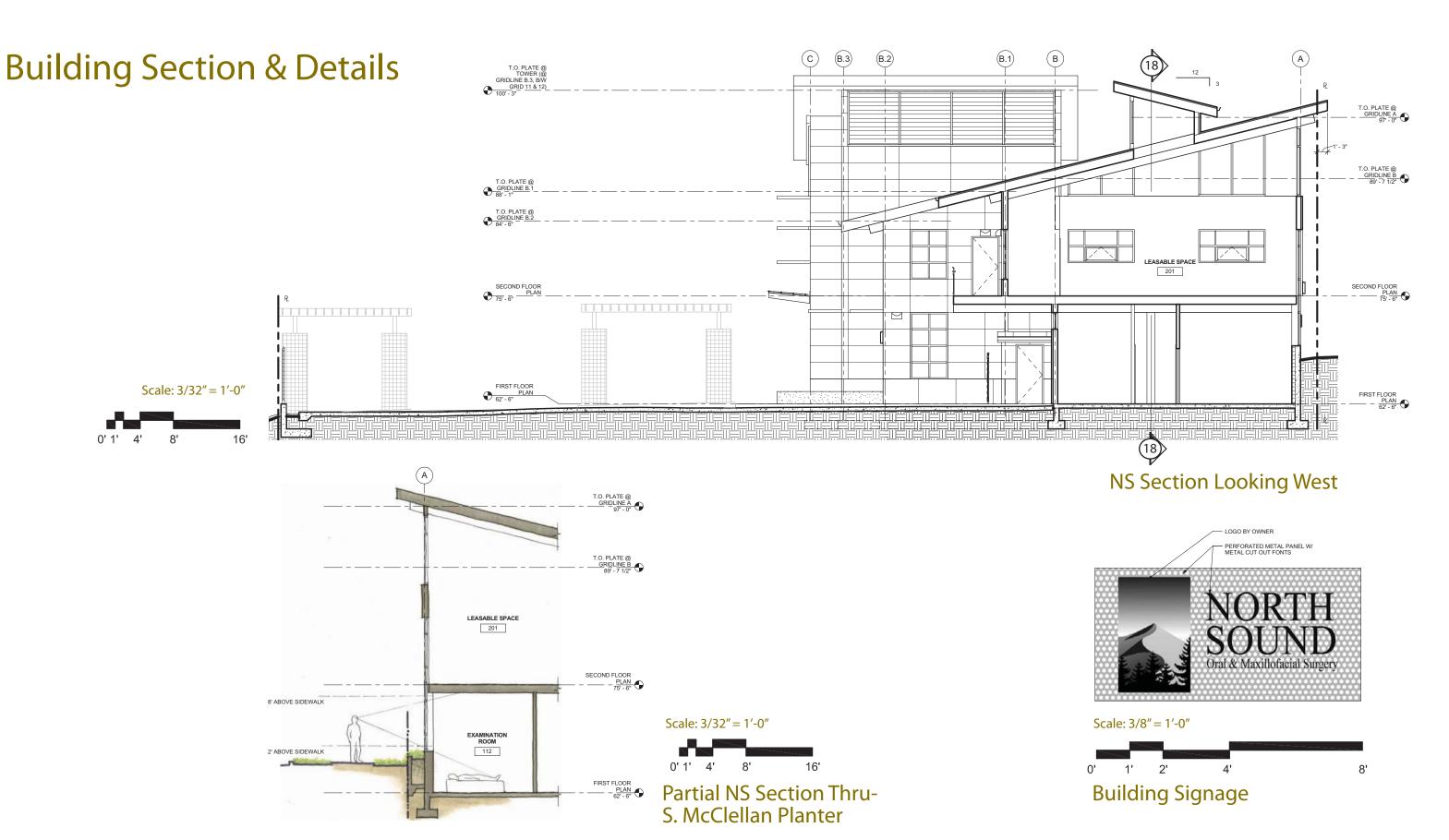
Scale: 3/32" = 1'-0"



Scale: 3/32" = 1'-0" 0' 1' 4' 8' 16

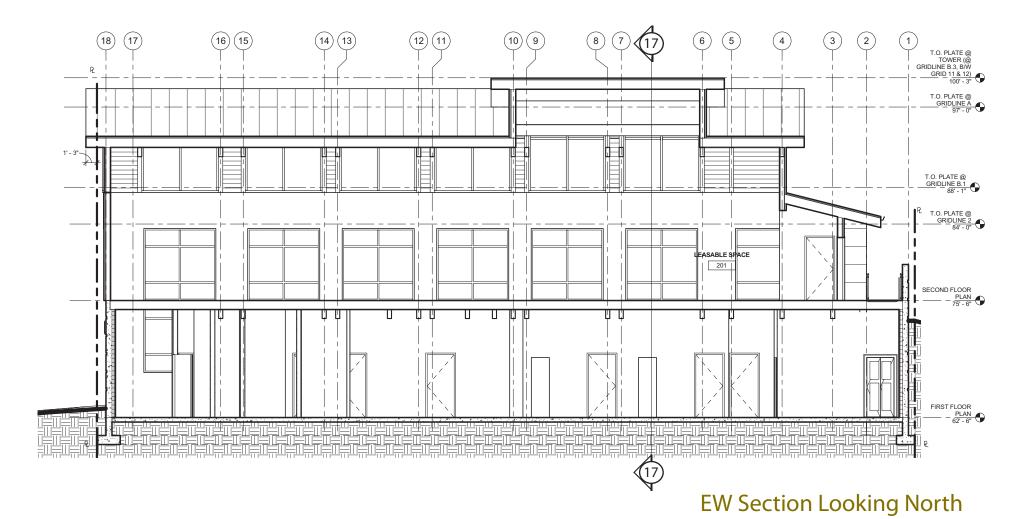
West Elevation (MLK)





DPD Project # 3009397 | Design Guidance Medical Dental Building, 2800 MLK Jr Way S., Seattle, WA

Building Section & Details



Scale: 3/32" = 1'-0" 0' 1' 4' 8' 16'

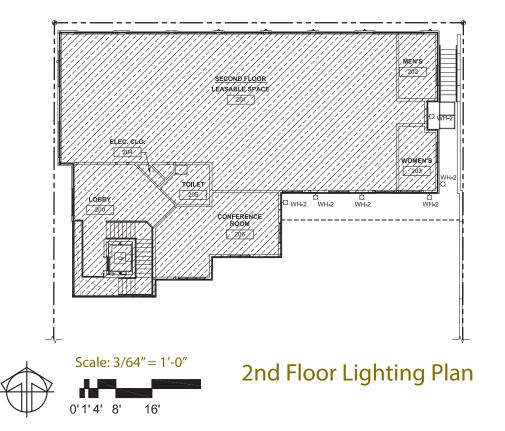
Mech.

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

O' 1' 2' 4' 8' 12' 16'

Partial EW Section Thru 2nd Floor Egress, Looking South

Electrical Lighting Plans & Cut Sheets





S-2



