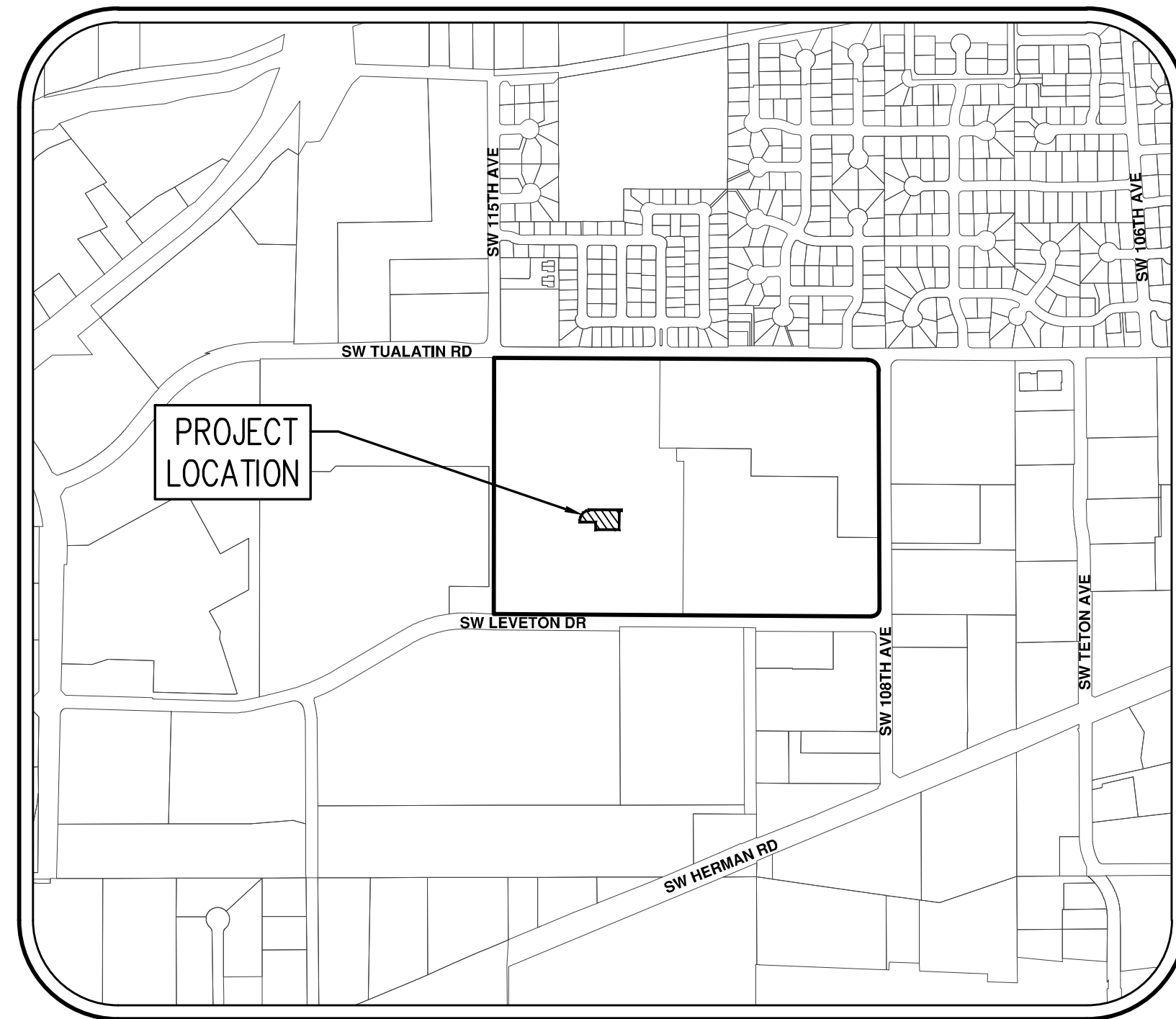
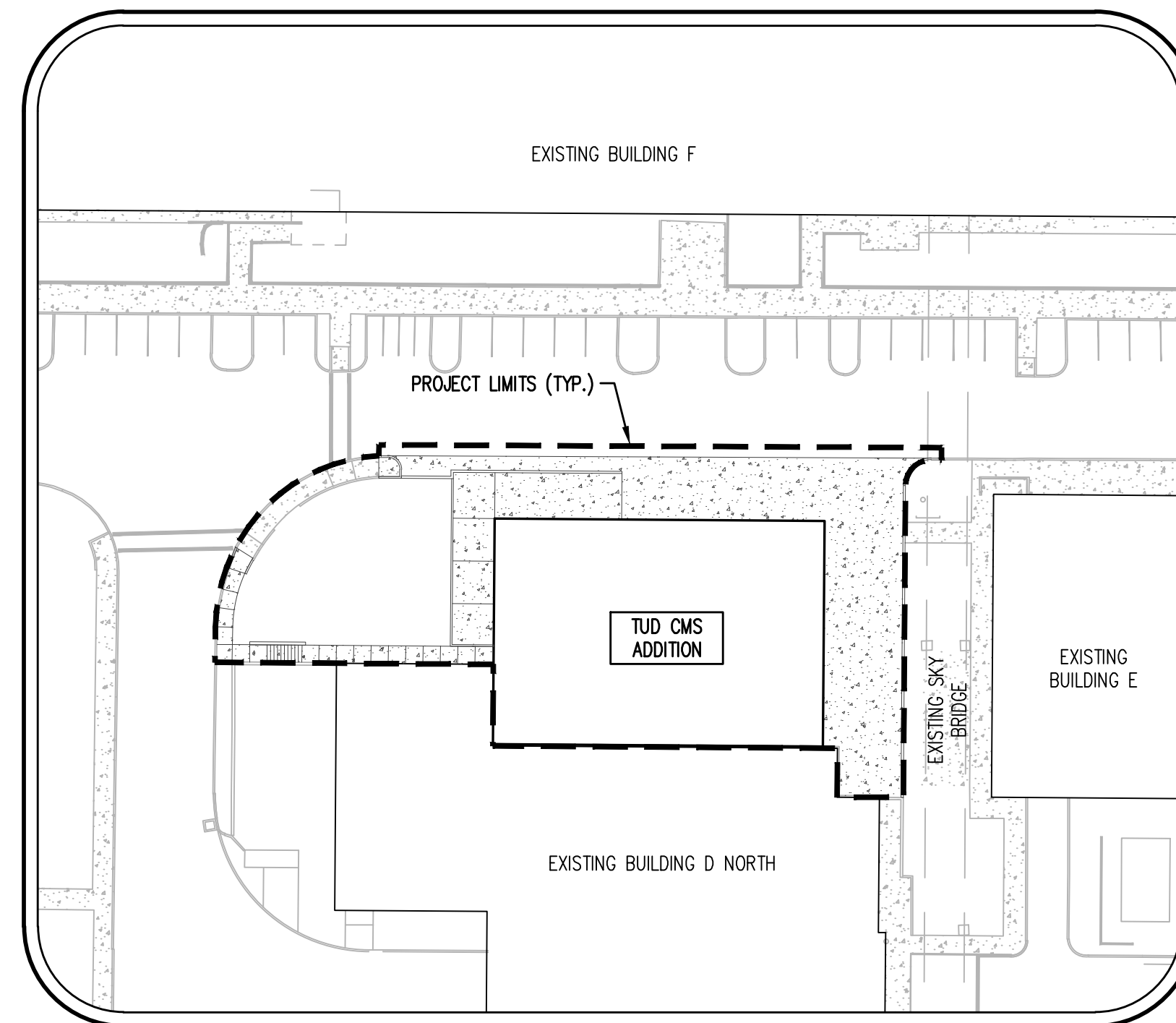


LAM RESEARCH BUILDING D CHEMICAL MANAGEMENT SYSTEM ADDITION

ARCHITECTURAL REVIEW PLANS



VICINITY MAP
NOT TO SCALE



SITE MAP
SCALE: 1" = 40'

LEGEND			
EXISTING		PROPOSED	
DECIDUOUS TREE		STORM SEWER CLEAN OUT	
CONIFEROUS TREE		STORM SEWER CATCH BASIN	
FIRE HYDRANT		STORM SEWER AREA DRAIN	
WATER VALVE		STORM SEWER MANHOLE	
SANITARY SEWER CLEAN OUT		POWER VAULT	
SANITARY SEWER MANHOLE		POWER JUNCTION BOX	
SIGN		POWER PEDESTAL	
		STREET LIGHT	
EXISTING		PROPOSED	
RIGHT-OF-WAY LINE			
BOUNDARY LINE			
PROPERTY LINE			
DITCH			
CURB			
EDGE OF PAVEMENT			
POWER LINE			
STORM SEWER LINE			
SANITARY SEWER LINE			
WATER LINE			

PROJECT TEAM

OWNER

LAM RESEARCH CORPORATION
2025 GATEWAY PLACE, SUITE 228
SAN JOSE, CA 95110

APPLICANT

JE DUNN CONSTRUCTION
424 NW 14TH AVE
PORTLAND, OR 97209

ARCHITECT

SSOE GROUP
7431 NW EVERGREEN PKWY, SUITE 110
HILLSBORO, OR 97214

CIVIL ENGINEERING/SURVEYING/ PLANNING/LANDSCAPE ARCHITECTURE

AKS ENGINEERING & FORESTRY, LLC.
12965 SW HERMAN ROAD, SUITE 100
TUALATIN, OR 97062
CONTACT: JOHN CHRISTIANSEN, PE
PHONE: 503.563.6151
FAX: 503.563.6152

LIGHTING/ELECTRICAL

SSOE GROUP
7431 NW EVERGREEN PKWY, SUITE 110
HILLSBORO, OR 97214

SHEET INDEX

- P01 - COVER SHEET WITH VICINITY AND SITE MAPS
- P02 - EXISTING CONDITIONS
- P03 - PROJECT PHASING PLAN
- P04 - PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN
- P05 - PRELIMINARY GRADING PLAN
- P06 - PRELIMINARY COMPOSITE UTILITY PLAN
- P07 - PRELIMINARY PUBLIC FACILITIES PLAN
- P08 - PRELIMINARY SITE AND LANDSCAPE PLAN
- P09 - PRELIMINARY CIRCULATION PLAN
- P10 - PRELIMINARY ELEVATIONS AND MATERIALS
- P11 - PRELIMINARY PHOTOMETRIC ANALYSIS
- P12 - PRELIMINARY LIGHTING DETAILS

PROPERTY DESCRIPTION

LOCATED IN THE NORTHEAST ONE-QUARTER OF SECTION 22, TOWNSHIP 2 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN, CITY OF TUALATIN, WASHINGTON COUNTY, OREGON.
(WASHINGTON COUNTY ASSESSOR'S MAP 2S 1 22AB TAX LOT 100).

PROJECT DESCRIPTION

CONSTRUCTION OF A ±6,900 SF ADDITION TO EXISTING BUILDING D NORTH, LOADING DOCK, WALKWAYS AND PAVED SIDE YARD.

SITE DATA

PROJECT LIMITS AREA = ±0.33 ACRES
TOTAL SITE AREA = ±58 ACRES



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PROJECT INFORMATION:

FAC-1084
BUILDING TUD
CMS ADDITION

OWNER INFORMATION:



LAM RESEARCH
11361 SW LEVETON DR
TUALATIN, OR 97062

NO.	DATE	SUBJECT

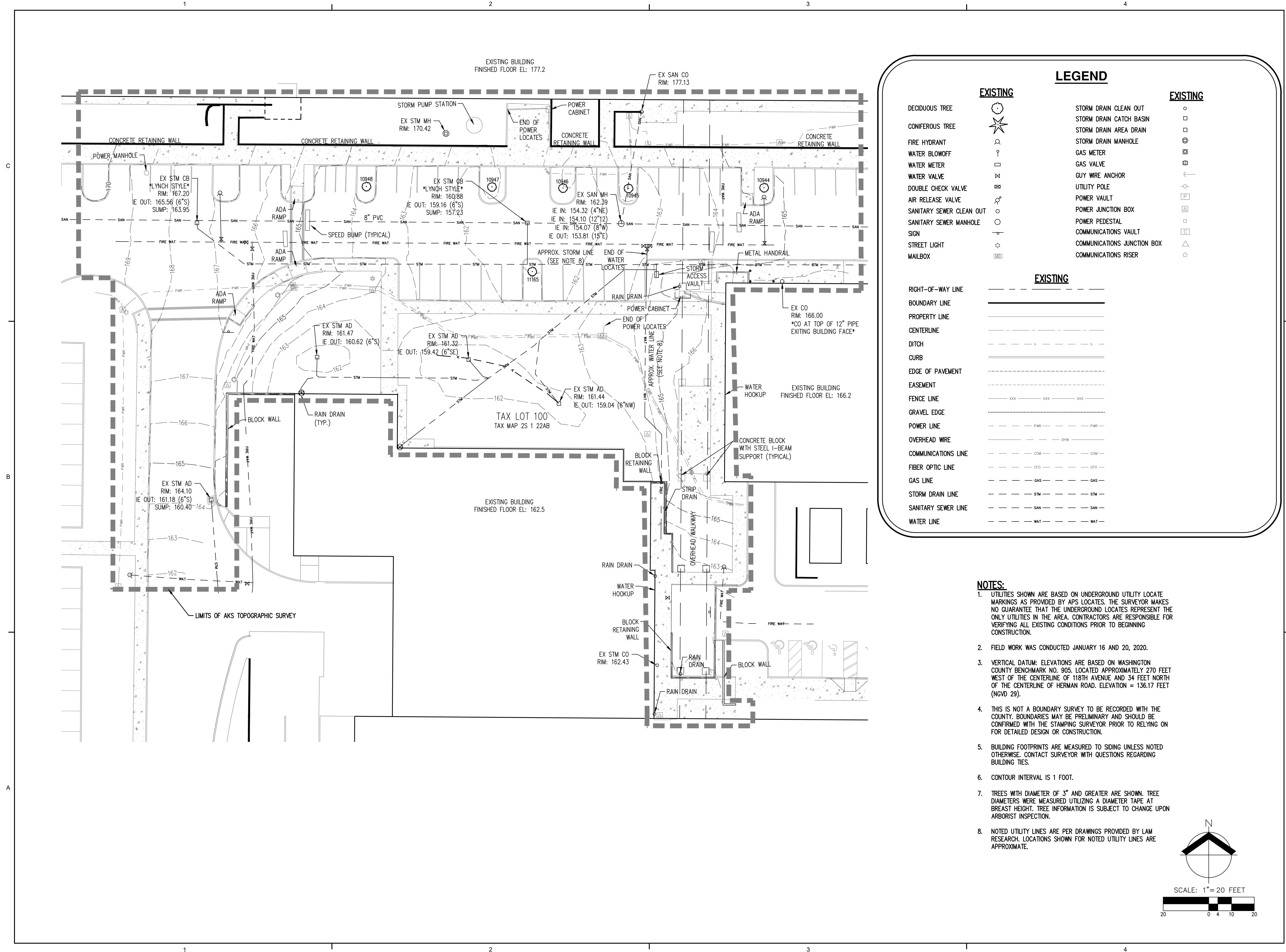
AKS ENGINEERING & FORESTRY, LLC
12965 SW HERMAN RD, STE 100
TUALATIN, OR 97062
503.563.6151

PROJECT NO: **7860**
PROJECT MANAGER: J. CHRISTIANSEN
DESIGNED: B.LAMBERT
CHECKED: J.SUBLET

DRAWING TITLE:
**COVER SHEET WITH
VICINITY AND SITE
MAPS**

DRAWING NO:
P01

DRAWING NO:
P01



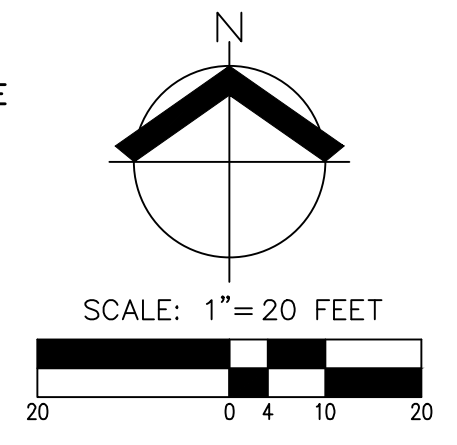
LEGEND

EXISTING	DECIDUOUS TREE		EXISTING	STORM DRAIN CLEAN OUT	
	CONIFEROUS TREE			STORM DRAIN CATCH BASIN	
	FIRE HYDRANT			STORM DRAIN AREA DRAIN	
	WATER BLOWOFF			STORM DRAIN MANHOLE	
	WATER METER			GAS METER	
	WATER VALVE			GAS VALVE	
	DOUBLE CHECK VALVE			GUY WIRE ANCHOR	
	AIR RELEASE VALVE			UTILITY POLE	
	SANITARY SEWER CLEAN OUT			POWER VAULT	
	SANITARY SEWER MANHOLE			POWER JUNCTION BOX	
	SIGN			POWER PEDESTAL	
	STREET LIGHT			COMMUNICATIONS VAULT	
	MAILBOX			COMMUNICATIONS JUNCTION BOX	
				COMMUNICATIONS RISER	

EXISTING

RIGHT-OF-WAY LINE	
BOUNDARY LINE	
PROPERTY LINE	
CENTERLINE	
DITCH	
CURB	
EDGE OF PAVEMENT	
EASEMENT	
FENCE LINE	
GRAVEL EDGE	
POWER LINE	
OVERHEAD WIRE	
COMMUNICATIONS LINE	
FIBER OPTIC LINE	
GAS LINE	
STORM DRAIN LINE	
SANITARY SEWER LINE	
WATER LINE	

- NOTES:**
- UTILITIES SHOWN ARE BASED ON UNDERGROUND UTILITY LOCATE MARKINGS AS PROVIDED BY APS LOCATES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND LOCATES REPRESENT THE ONLY UTILITIES IN THE AREA. CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
 - FIELD WORK WAS CONDUCTED JANUARY 16 AND 20, 2020.
 - VERTICAL DATUM: ELEVATIONS ARE BASED ON WASHINGTON COUNTY BENCHMARK NO. 905. LOCATED APPROXIMATELY 270 FEET WEST OF THE CENTERLINE OF 118TH AVENUE AND 34 FEET NORTH OF THE CENTERLINE OF HERMAN ROAD. ELEVATION = 136.17 FEET (NGVD 29).
 - THIS IS NOT A BOUNDARY SURVEY TO BE RECORDED WITH THE COUNTY. BOUNDARIES MAY BE PRELIMINARY AND SHOULD BE CONFIRMED WITH THE STAMPING SURVEYOR PRIOR TO RELYING ON FOR DETAILED DESIGN OR CONSTRUCTION.
 - BUILDING FOOTPRINTS ARE MEASURED TO SIDING UNLESS NOTED OTHERWISE. CONTACT SURVEYOR WITH QUESTIONS REGARDING BUILDING TIES.
 - CONTOUR INTERVAL IS 1 FOOT.
 - TREES WITH DIAMETER OF 3" AND GREATER ARE SHOWN. TREE DIAMETERS WERE MEASURED UTILIZING A DIAMETER TAPE AT BREAST HEIGHT. TREE INFORMATION IS SUBJECT TO CHANGE UPON ARBORIST INSPECTION.
 - NOTED UTILITY LINES ARE PER DRAWINGS PROVIDED BY LAM RESEARCH. LOCATIONS SHOWN FOR NOTED UTILITY LINES ARE APPROXIMATE.



SSOE

JEDUNN
CONSTRUCTION

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REGISTERED PROFESSIONAL LAND SURVEYOR

PRELIMINARY
NOT FOR CONSTRUCTION

OREGON
JANUARY 11, 2005
ROBERT D. RETTIG
60124LS
RENEWS: 12/31/20

PROJECT INFORMATION:

FAC-1084
BUILDING TUD
CMS ADDITION

OWNER INFORMATION:

Lam
RESEARCH

LAM RESEARCH
11361 SW LEVETON DR
TUALATIN, OR 97062

NO.	DATE	SUBJECT

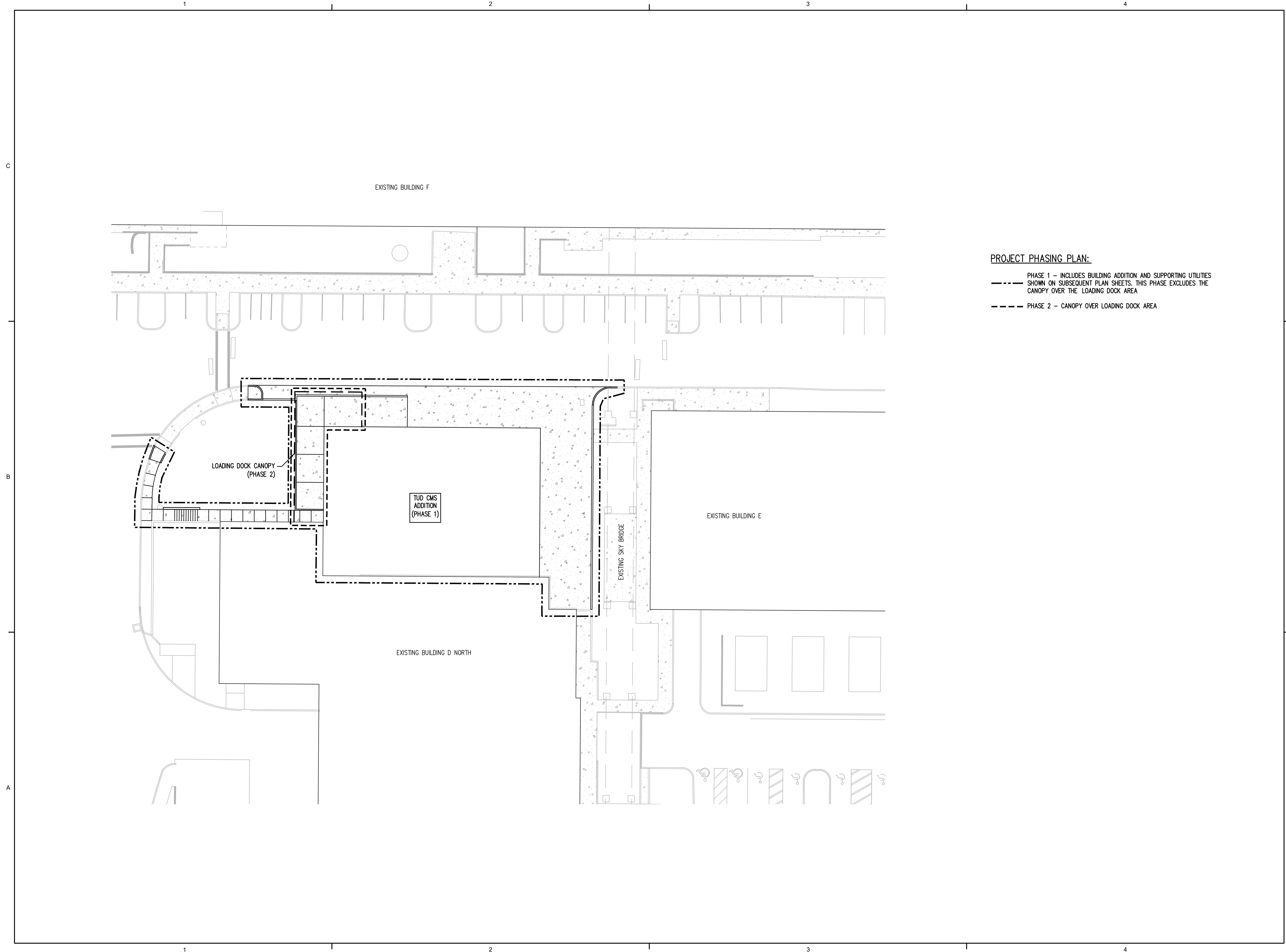
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503.563.6151

PROJECT NO: **7860**
PROJECT MANAGER: J. CHRISTIANSEN
DESIGNED: B.LAMBERT
CHECKED: J.SUBLET

DRAWING TITLE:
EXISTING CONDITIONS


DRAWING NO:
P02


C:\Jobs\7860-7899\7860 Lam Tualatin - Bldg D Chemical Storage\CAD\Planning\7860 P02 EXCOND.dwg
DATE: Feb 21, 2020 - 8:30am USER: street




PROJECT PHASING PLAN:

- PHASE 1 - INCLUDES BUILDING ADDITION AND SUPPORTING UTILITIES SHOWN ON SUBSEQUENT PLAN SHEETS. THIS PHASE EXCLUDES THE CANOPY OVER THE LOADING DOCK AREA
- PHASE 2 - CANOPY OVER LOADING DOCK AREA



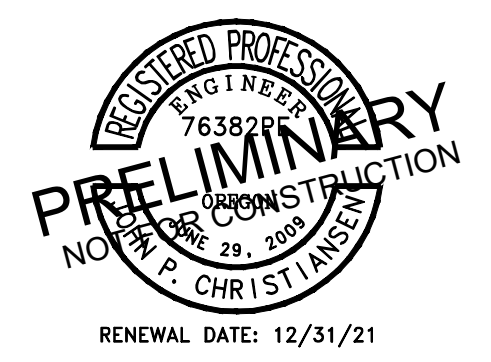




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PROJECT INFORMATION:

FAC-1084
BUILDING TUD
CMS ADDITION

OWNER INFORMATION:



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NO.	DATE	SUBJECT

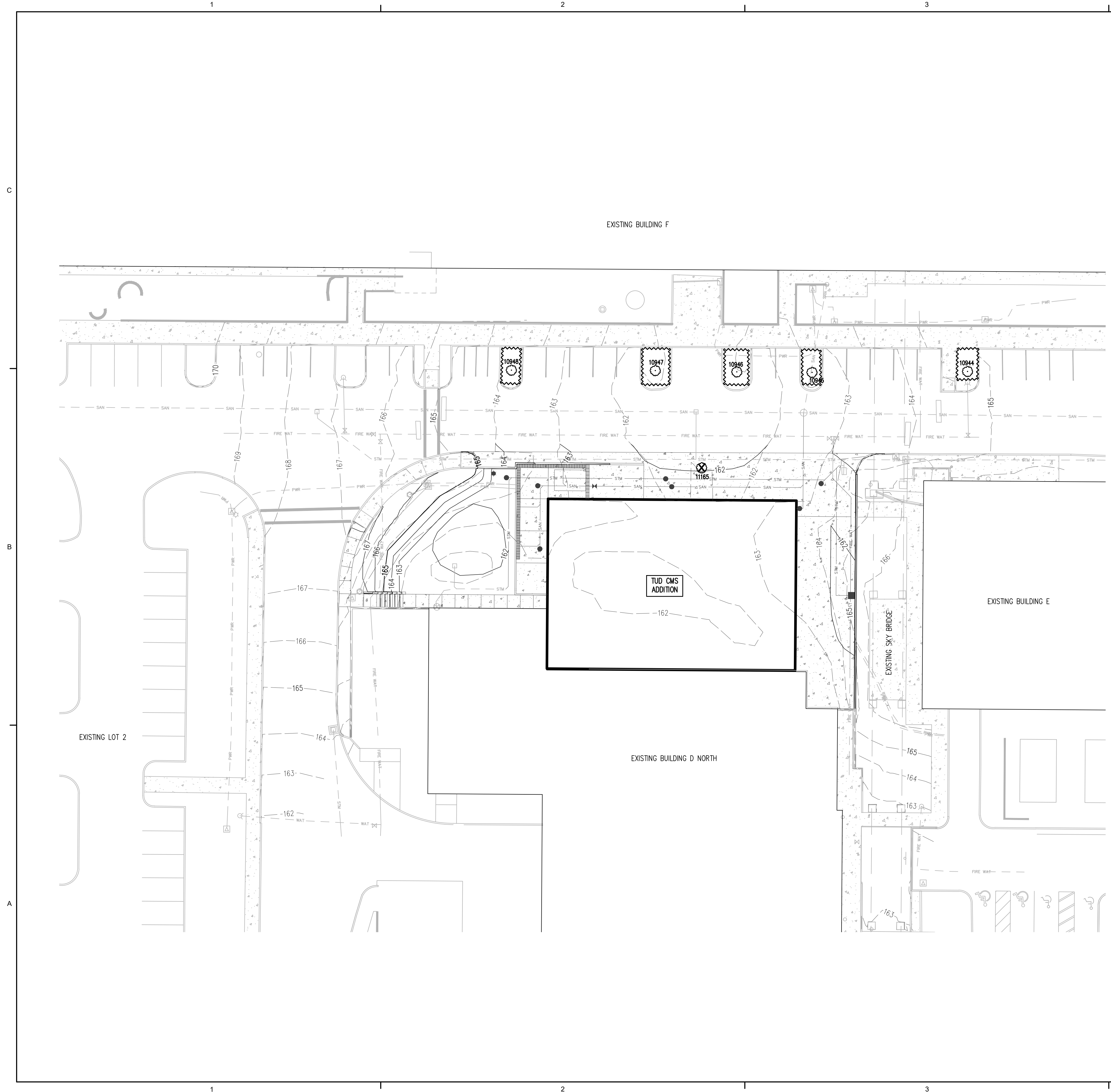
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503.563.6151

PROJECT NO: **7860**
PROJECT MANAGER: J. CHRISTIANSEN
DESIGNED: B.LAMBERT
CHECKED: J.SUBLET

DRAWING TITLE:
PROJECT PHASING PLAN

DRAWING NO:
P03

C:\jobs\7800-7899\7860 lam tualatin - bldg chemical storage\CAD\Planning\7860 tud cms addition - e transmit\7860 P03 PROJECT PHASING PLAN.dwg
DATE: Mar 20, 2020 - 1:38pm USER: street



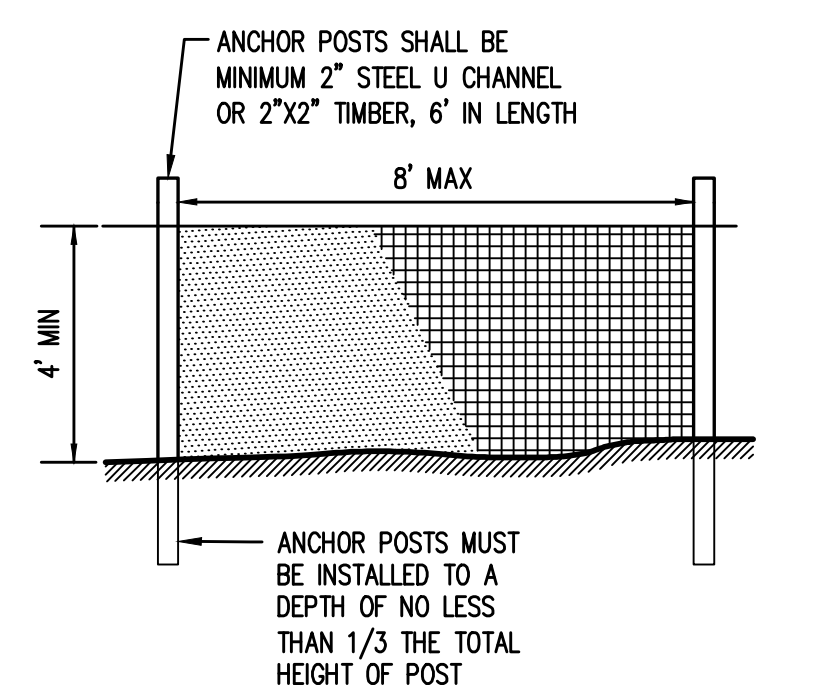
LEGEND

EXISTING GROUND CONTOUR (1 FT)	---
EXISTING GROUND CONTOUR (5 FT)	-----350
FINISHED GRADE CONTOUR (1 FT)	---
FINISHED GRADE CONTOUR (5 FT)	-----345
EXISTING DECIDUOUS TREE	⊙
TREE REMOVAL	⊗
TREE PROTECTION/CONSTRUCTION FENCE	~~~~~

TREE TABLE

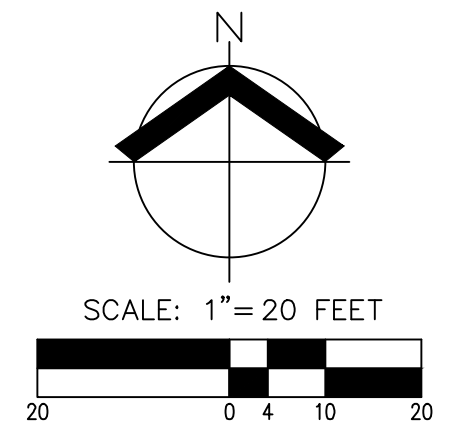
TREE NUMBER	TYPE	DBH (IN.)	PRESERVE/REMOVE
10944	DECIDUOUS	3	PRESERVE
10945	DECIDUOUS	5	PRESERVE
10946	DECIDUOUS	3	PRESERVE
10947	DECIDUOUS	4	PRESERVE
10948	DECIDUOUS	4	PRESERVE
11165	DECIDUOUS	1.5	REMOVE

TREE PROTECTION / CONSTRUCTION FENCE



- NOTES:**
- CHAIN LINK FENCE FOR TREE PROTECTION DEVICE OR APPROVED EQUAL.
 - AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
 - DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

- GENERAL NOTES:**
- ENCROACHMENTS (GRADING, CONSTRUCTION, ETC.) INTO ASSUMED TREE ROOT ZONES OUTSIDE OF THE TREE PROTECTION AREA OF TREES TO BE PRESERVED AS SHOWN SHOULD NOT HAVE SIGNIFICANT NEGATIVE IMPACTS TO TREE HEALTH.
 - GRADING ACTIVITIES SHALL NOT INCLUDE ALLOWING TREE ROOTS FROM PRESERVED TREES TO REMAIN EXPOSED PER TDC 73.250(2)(F). PER TDC 31.060, A TREE IS DEFINED AS AT LEAST EIGHT (8) INCHES IN DIAMETER AT BREST HEIGHT (DBH). SOME ADDITIONAL TREES UNDER 8 INCHES IN DBH ARE SHOWN.



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PROJECT INFORMATION:

**FAC-1084
BUILDING TUD
CMS ADDITION**

OWNER INFORMATION:

LAM RESEARCH
11361 SW LEVETON DR
TUALATIN, OR 97062

NO.	DATE	SUBJECT

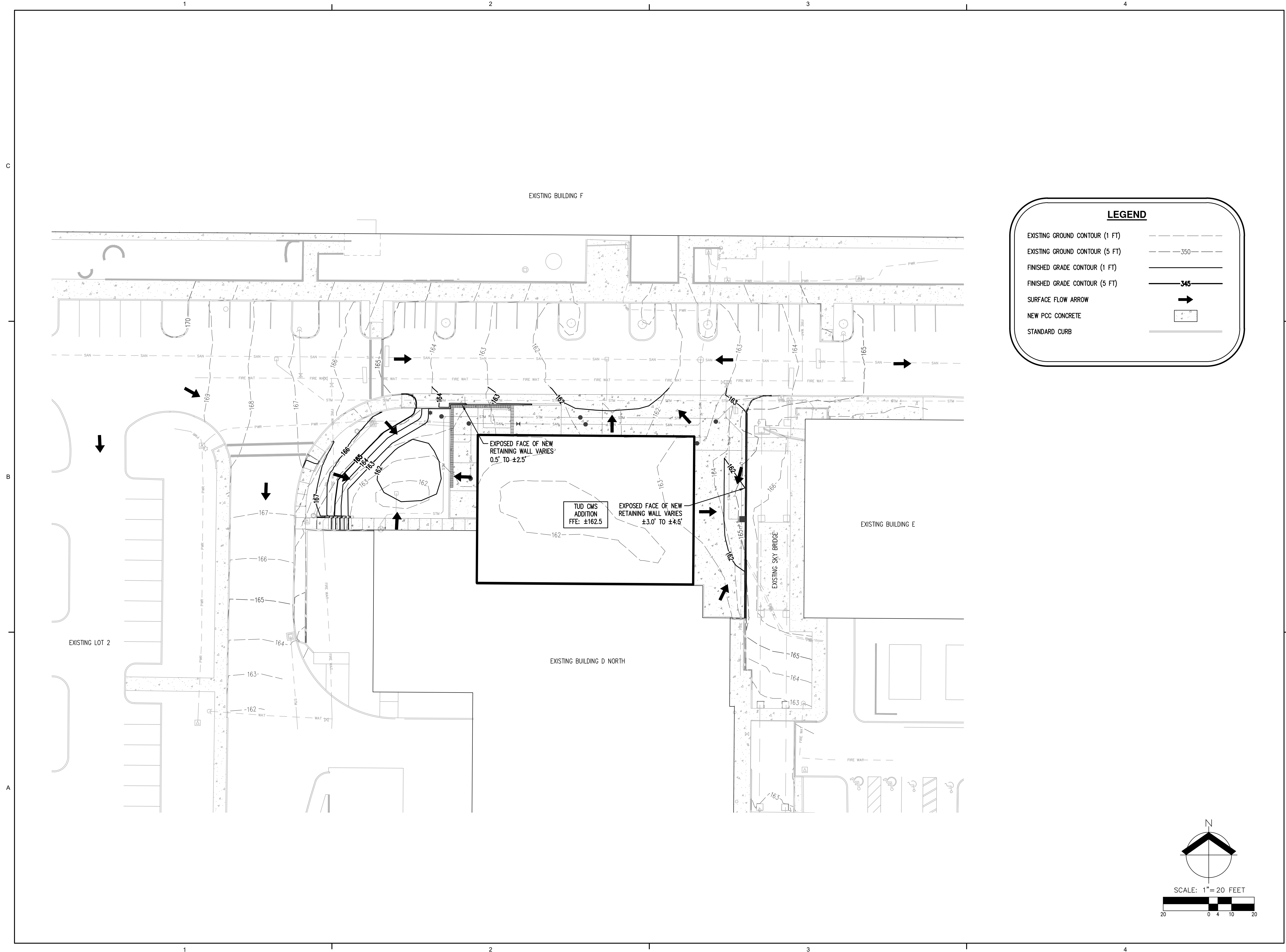
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503.563.6151

PROJECT NO: **7860**
PROJECT MANAGER: J. CHRISTIANSEN
DESIGNED: B.LAMBERT
CHECKED: J.SUBLET

DRAWING TITLE:
**PRELIMINARY TREE
PRESERVATION AND
REMOVAL PLAN**

DRAWING NO:
P04

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RENEWAL DATE: 12/31/21

PROJECT INFORMATION:

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BUILDING TUD
CMS ADDITION

OWNER INFORMATION:

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 11361 SW LEVETON DR
 TUALATIN, OR 97062

NO.	DATE	SUBJECT

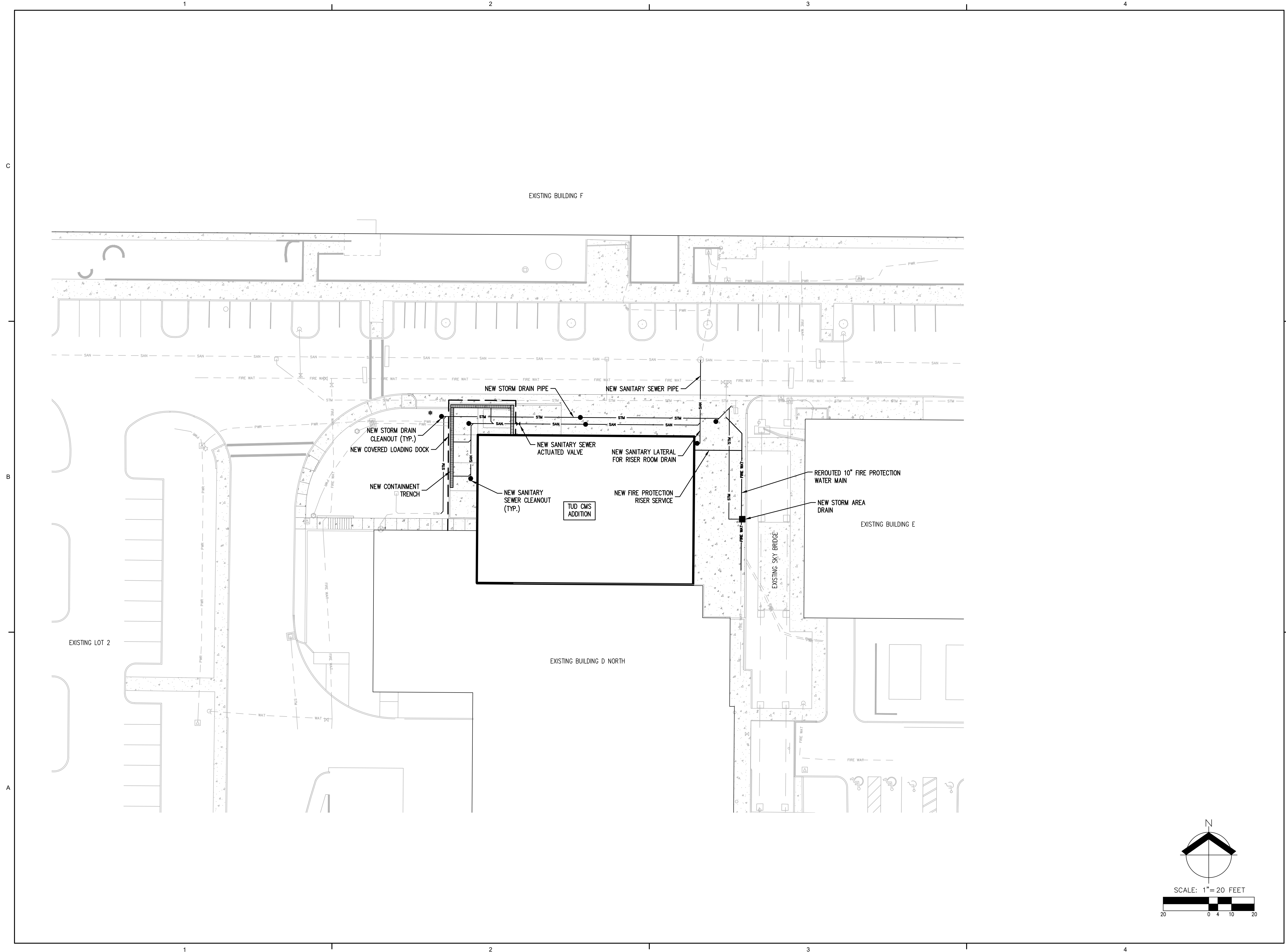
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PROJECT NO: **7860**
 PROJECT MANAGER: J. CHRISTIANSEN
 DESIGNED: B.LAMBERT
 CHECKED: J.SUBLET

DRAWING TITLE:
PRELIMINARY GRADING PLAN

DRAWING NO:
P05

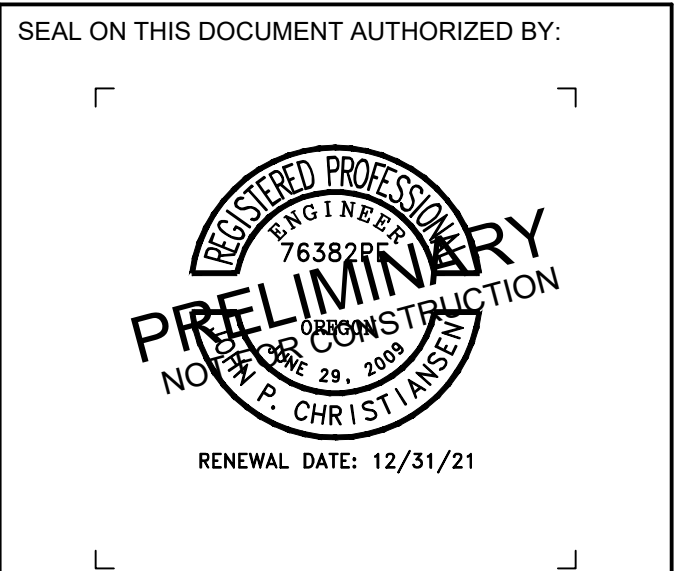
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PROJECT INFORMATION:

FAC-1084
BUILDING TUD
CMS ADDITION

OWNER INFORMATION:

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 11361 SW LEVETON DR
 TUALATIN, OR 97062

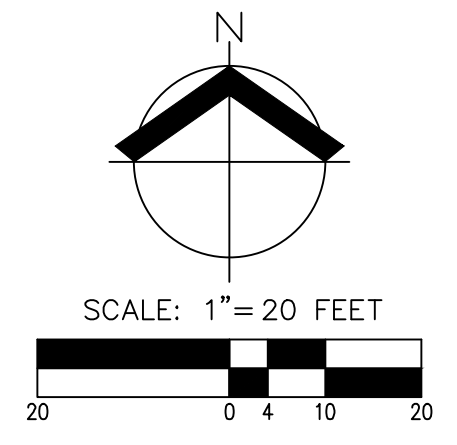
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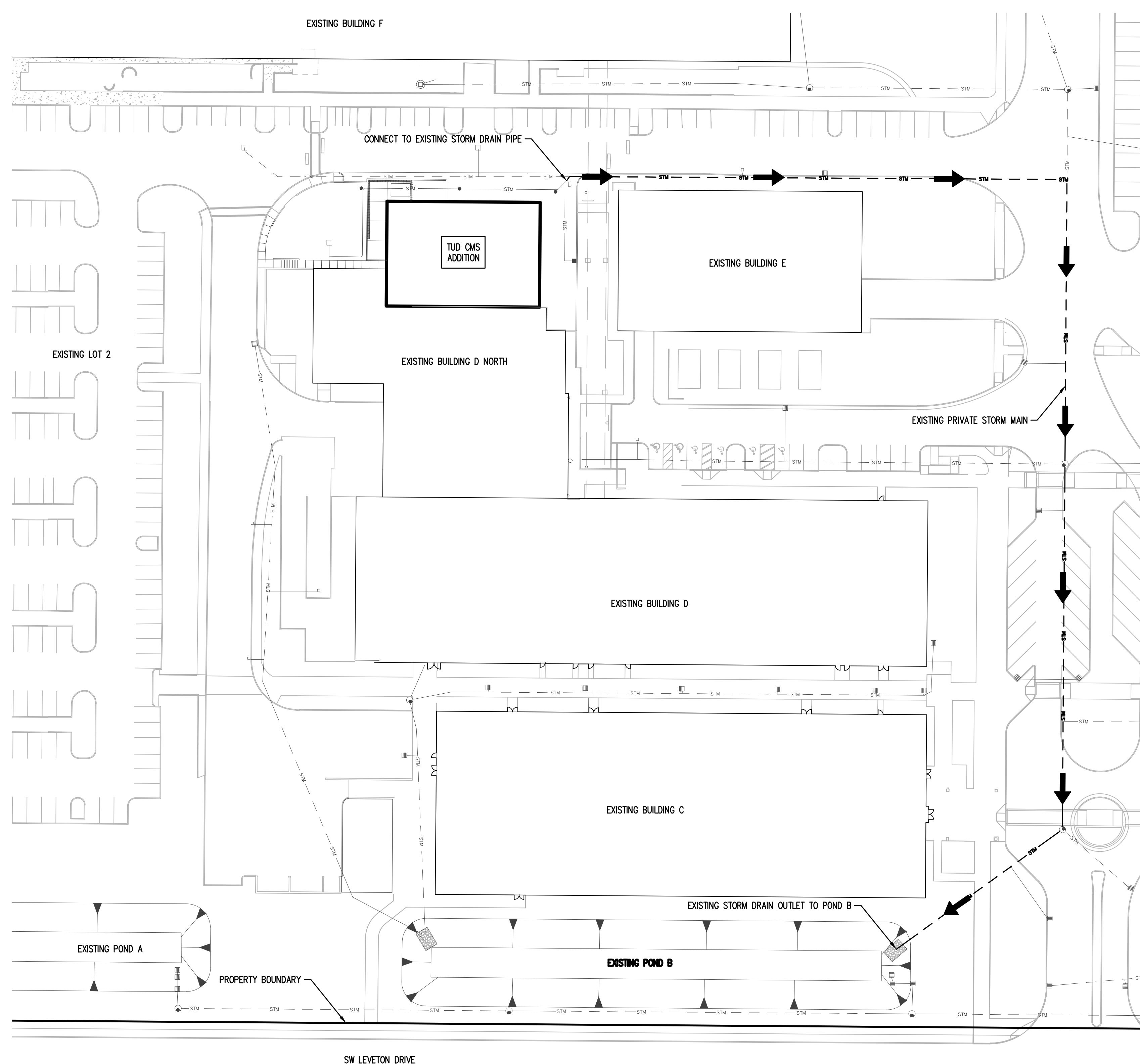
PROJECT NO: **7860**
 PROJECT MANAGER: J. CHRISTIANSEN
 DESIGNED: B.LAMBERT
 CHECKED: J.SUBLET

DRAWING TITLE:
PRELIMINARY
COMPOSITE UTILITY
PLAN

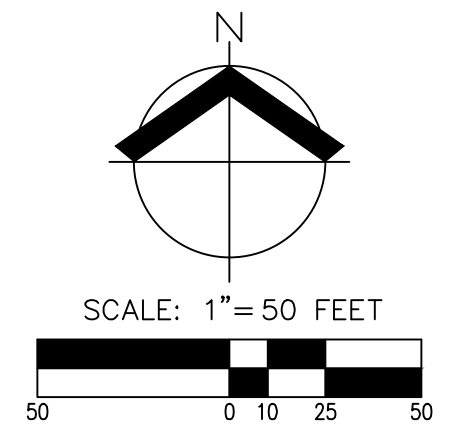
DRAWING NO:
P06



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 DATE: Feb 21, 2020 - 8:31am USER: streetc



GENERAL NOTE:
 1. SITE STORM RUNOFF WILL DRAIN TO EXISTING STORM POND B. THERE ARE NO UPDATES OR UPSIZING REQUIRED.



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RENEWAL DATE: 12/31/21

PROJECT INFORMATION:

FAC-1084
BUILDING TUD
CMS ADDITION

OWNER INFORMATION:

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 TUALATIN, OR 97062

NO.	DATE	SUBJECT

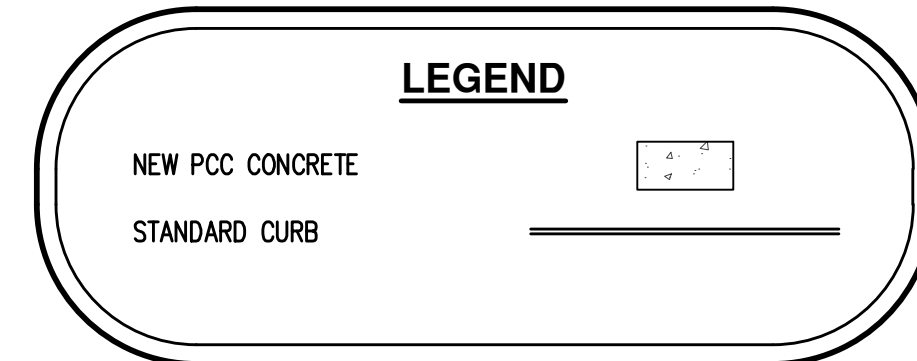
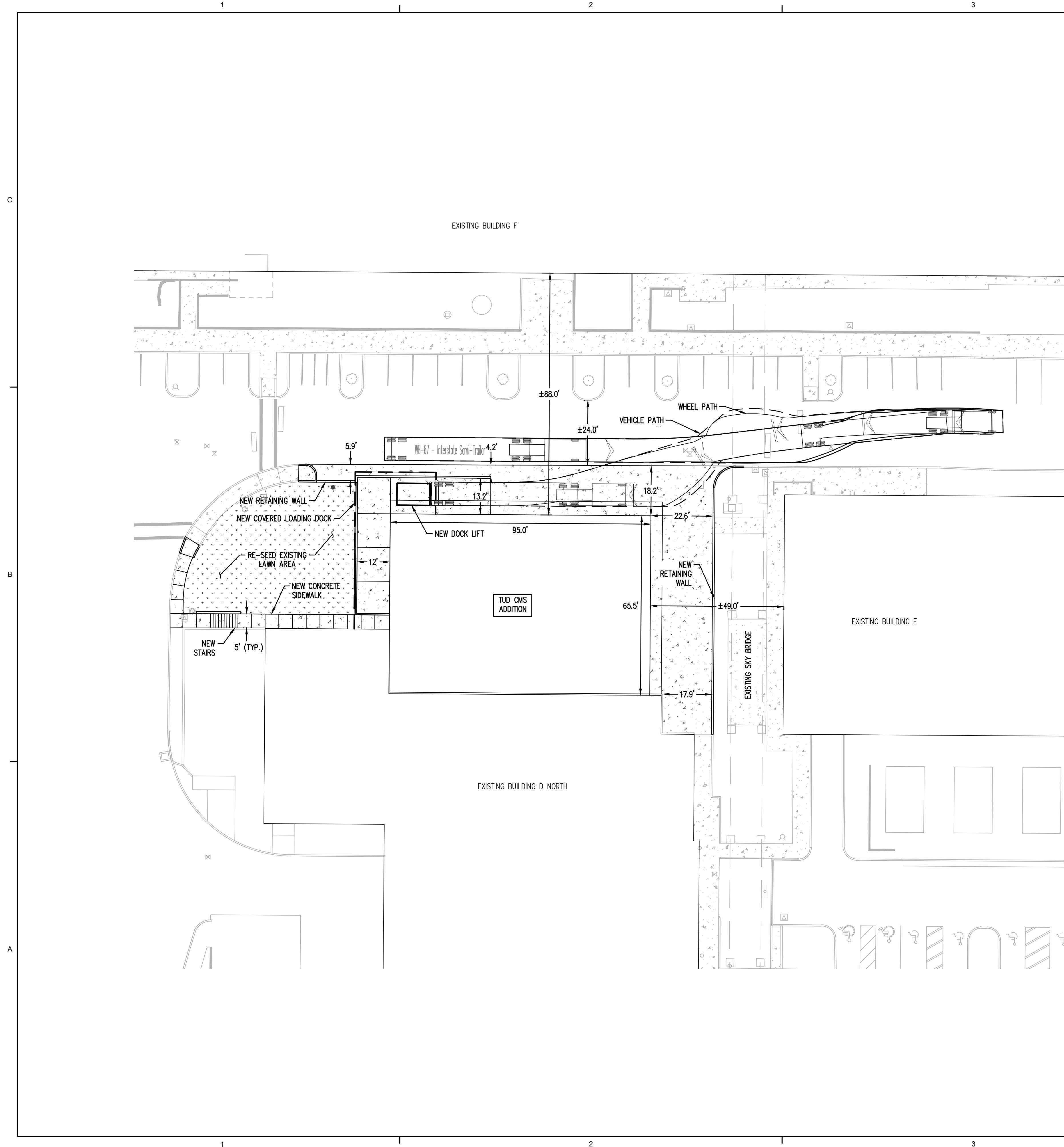
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PROJECT NO: **7860**
 PROJECT MANAGER: J. CHRISTIANSEN
 DESIGNED: B.LAMBERT
 CHECKED: J.SUBLET

DRAWING TITLE:
PRELIMINARY PUBLIC
FACILITIES PLAN

DRAWING NO:
P07

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 DATE: Feb 21, 2020 - 8:31am USER: streetc



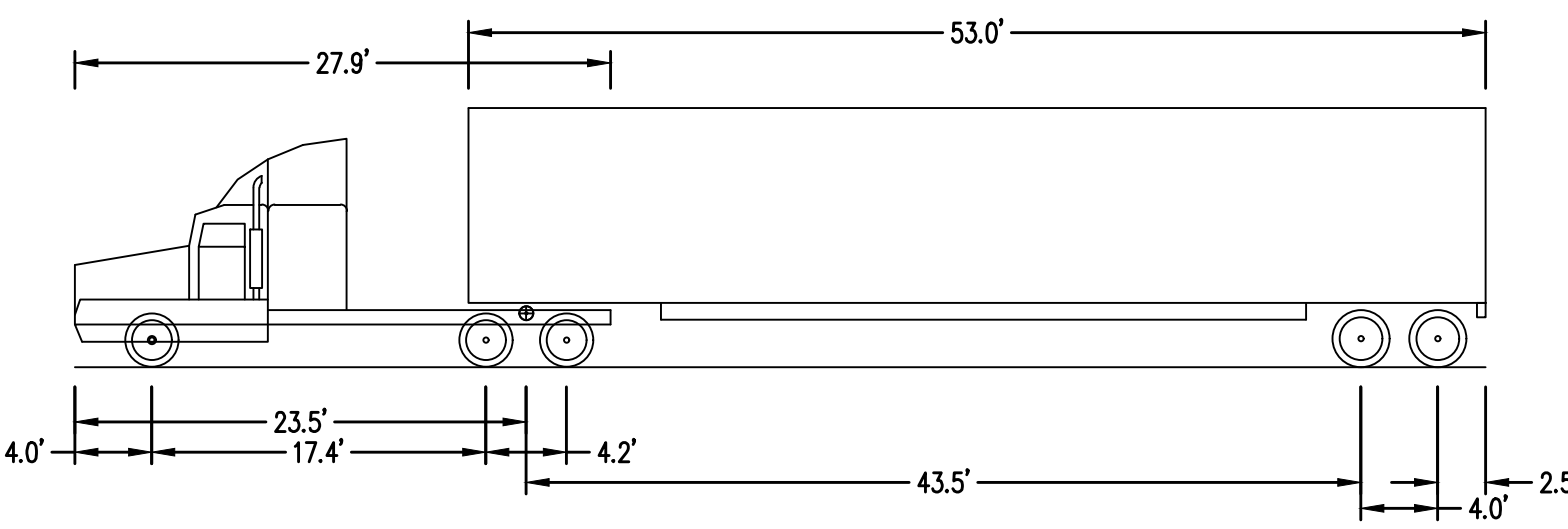
LANDSCAPE CALCULATIONS
REFER TO DEVELOPMENT CODE NARRATIVE.

SITE DATA
TOTAL SITE AREA = ±58 AC
PROJECT LIMITS AREA = ±14,145 SF
NEW BUILDING AREA = ±6,900 SF
SITE PAVING AND WALKWAY AREA = ±5,097 SF

TRUCK TURNING NOTES

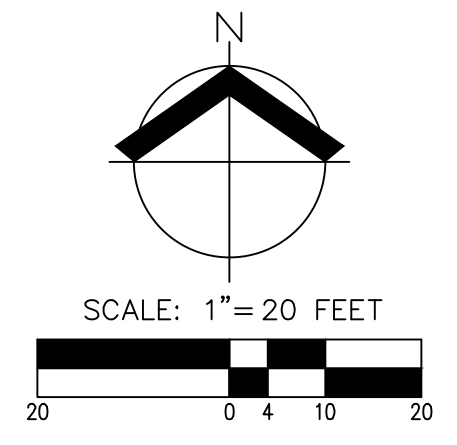
- AUTODESK VEHICLE TRACKING 2018.2 WAS UTILIZED TO SIMULATE TRUCK TURNING MOVEMENTS.
- DESIGN VEHICLE: WB-67 - INTERSTATE SEMI-TRAILER

OVERALL LENGTH	73.501FT
OVERALL WIDTH	8.500FT
OVERALL BODY HEIGHT	13.500FT
MIN BODY GROUND CLEARANCE	1.334FT
MAX TRACK WIDTH	8.500FT
LOCK-TO-LOCK TIME	6.00S
MAX STEERING ANGLE (VIRTUAL)	28.40°



PLANT SCHEDULE

GROUND COVERS	QTY	BOTANICAL NAME
	APPROX. 2,614 SF	LAWN - NORTHWEST SUPREME LAWN SEED MIX (OR APPROVED EQUAL) SUNMARK SEEDS <ul style="list-style-type: none"> • LOLIUM PERENNE VAR DASHER 3 (DASHER 3 PERENNIAL RYEGRASS) 35% • LOLIUM PERENNE VAR CUTTER II (CUTTER II PERENNIAL RYEGRASS) 35% • FESTUCA RUBRA VAR GARNET (GARNET CREEPING RED FESCUE) 15% • FESTUCA RUBRA SPP FALLAX VAR WINDWARD (WINDWARD CHEWINGS FESCUE) 15%
APPLY AT A RATE OF 8 LBS. PER 1,000 SF OR AS RECOMMENDED BY SUPPLIER.		



SSOE

JEDUNN CONSTRUCTION

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PRELIMINARY
REGISTERED PROFESSIONAL ENGINEER
NO. 76382
P. CHRISTIANSEN
RENEWAL DATE: 12/31/21

PROJECT INFORMATION:
**FAC-1084
BUILDING TUD
CMS ADDITION**

OWNER INFORMATION:
Lam RESEARCH

LAM RESEARCH
11361 SW LEVETON DR
TUALATIN, OR 97062

NO.	DATE	SUBJECT

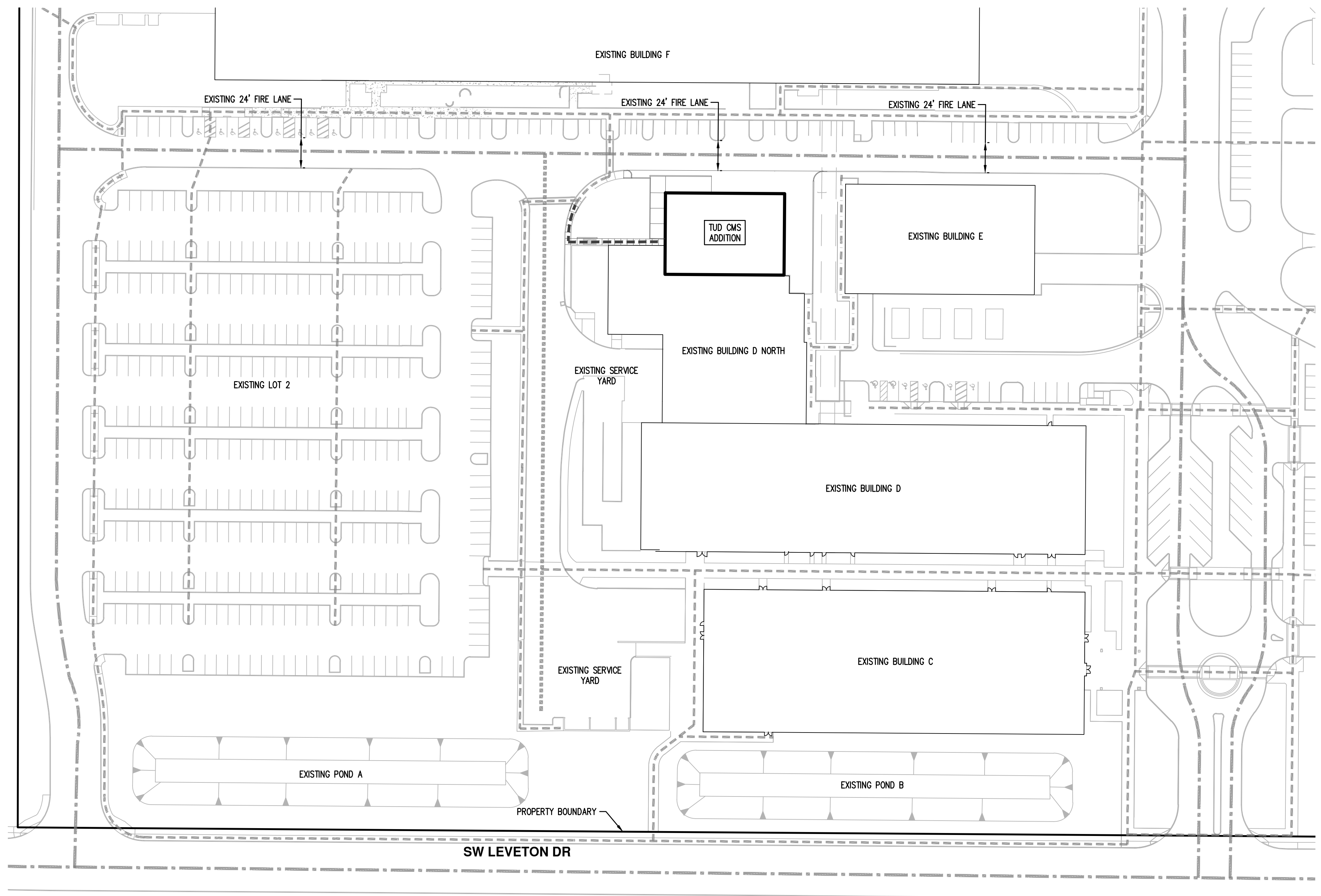
AKS ENGINEERING & FORESTRY, LLC
12965 SW HERMAN RD, STE 100
TUALATIN, OR 97062
503.563.6151

PROJECT NO: **7860**
PROJECT MANAGER: J. CHRISTIANSEN
DESIGNED: B.LAMBERT
CHECKED: J.SUBLET

DRAWING TITLE:
**PRELIMINARY SITE AND
LANDSCAPE PLAN**

DRAWING NO:
P08

C:\jobs\7860-7899\7860 Lam Tualatin - Bldg D Chemical Storage\CAD\Planning\7860 P07 PRELIM SITE AND LANDSCAPE PLAN.dwg
DATE: Feb 21, 2020 - 1:32pm USER: jefis



LEGEND

- NEW PEDESTRIAN CIRCULATION
- EXISTING PEDESTRIAN CIRCULATION
- EXISTING SERVICE VEHICLE ACCESS
- EXISTING VEHICLE CIRCULATION
- EXISTING MAINTENANCE ACCESS

GENERAL NOTES:

1. THIS IS A CONCEPTUAL PLAN INTENDED TO SHOW POTENTIAL FUTURE ACCESS CONNECTIONS FOR ILLUSTRATIVE PURPOSES ONLY. IT SHALL NOT BE BINDING ON THE CITY OR PROPERTY OWNERS, EXCEPT AS MAY BE REQUIRED THROUGH CONDITIONS OF LAND USE APPROVAL.
2. EXISTING PEDESTRIAN AND VEHICLE CIRCULATION CONTINUES OFF PAGE TO EXISTING BUILDINGS AND PARKING FACILITIES.
3. TRAFFIC IMPACT STUDY IS NOT REQUIRED.

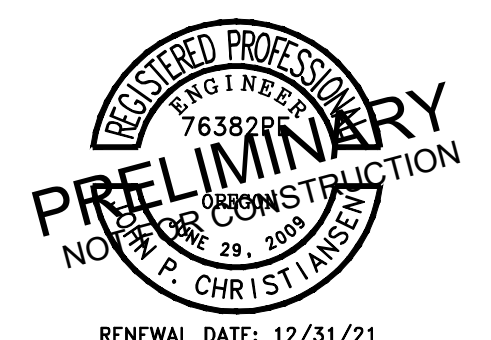


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CMS ADDITION

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 11361 SW LEVETON DR
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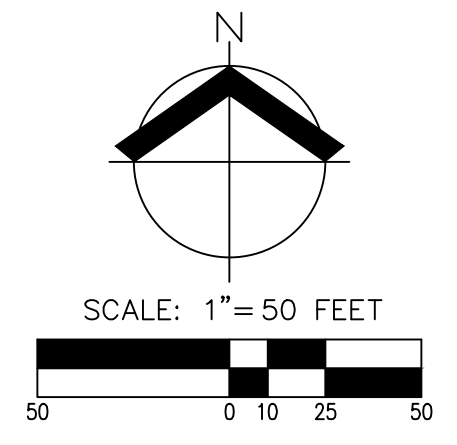
NO.	DATE	SUBJECT

AKS ENGINEERING & FORESTRY, LLC
 12965 SW HERMAN RD, STE 100
 TUALATIN, OR 97062
 503.563.6151

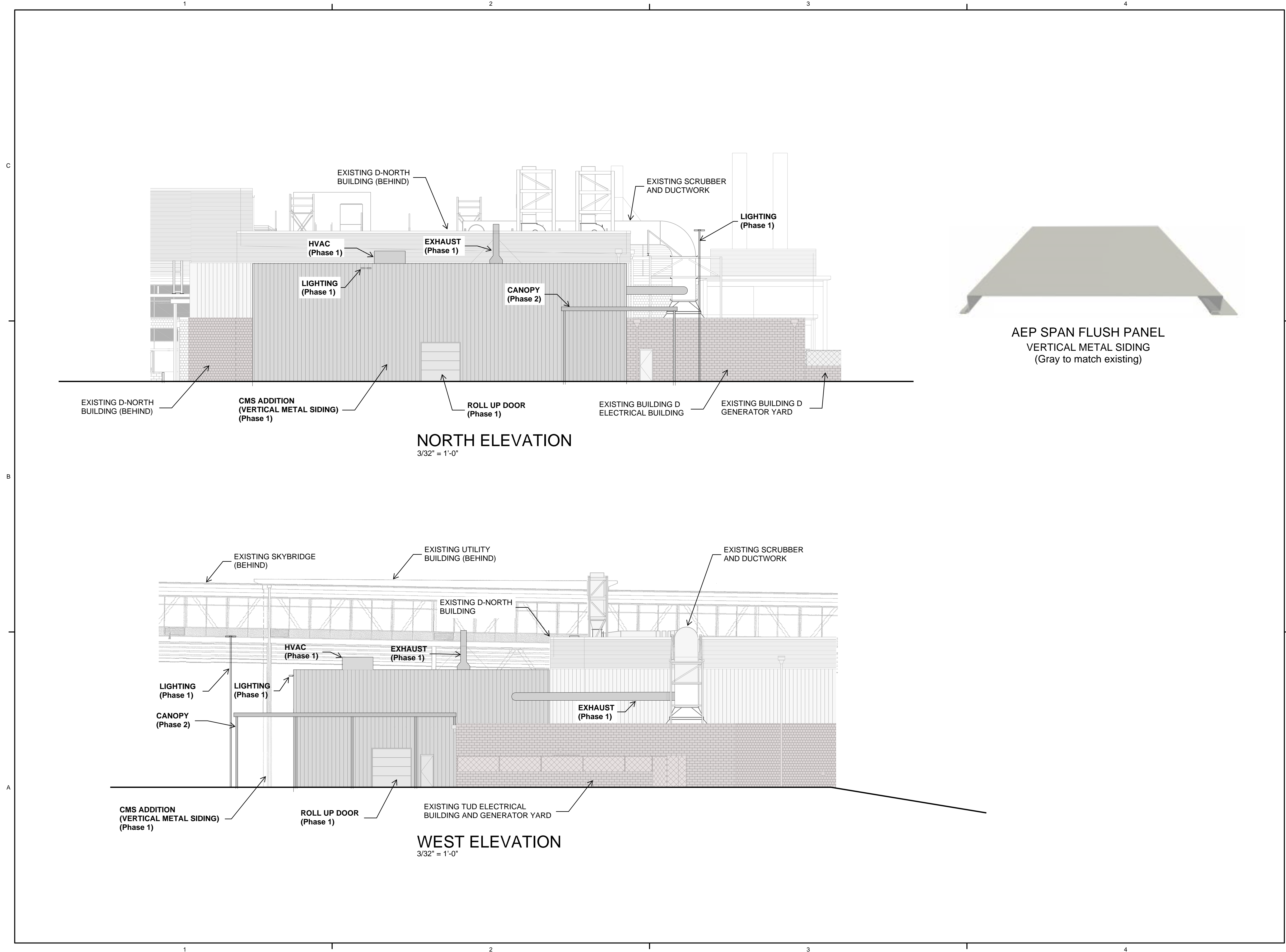
PROJECT NO: **7860**
 PROJECT MANAGER: J. CHRISTIANSEN
 DESIGNED: B.LAMBERT
 CHECKED: J.SUBLET

DRAWING TITLE:
PRELIMINARY
CIRCULATION PLAN

DRAWING NO:
P09



C:\jobs\7860-7899\7860 Lam Tualatin - Bldg D Chemical Storage\CAD\Planning\7860 P09 PRELIM CIRCULATION PLAN.dwg
 DATE: Feb 21, 2020 - 8:31am USER: streetc



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PROJECT INFORMATION:
FAC-1084
BUILDING TUD
CMS ADDITION



LAM Research
11361 SW LEVETON DR
TUALATIN, OR 97062

CLIENT PROJECT NO:

NO.	DATE	SUBJECT

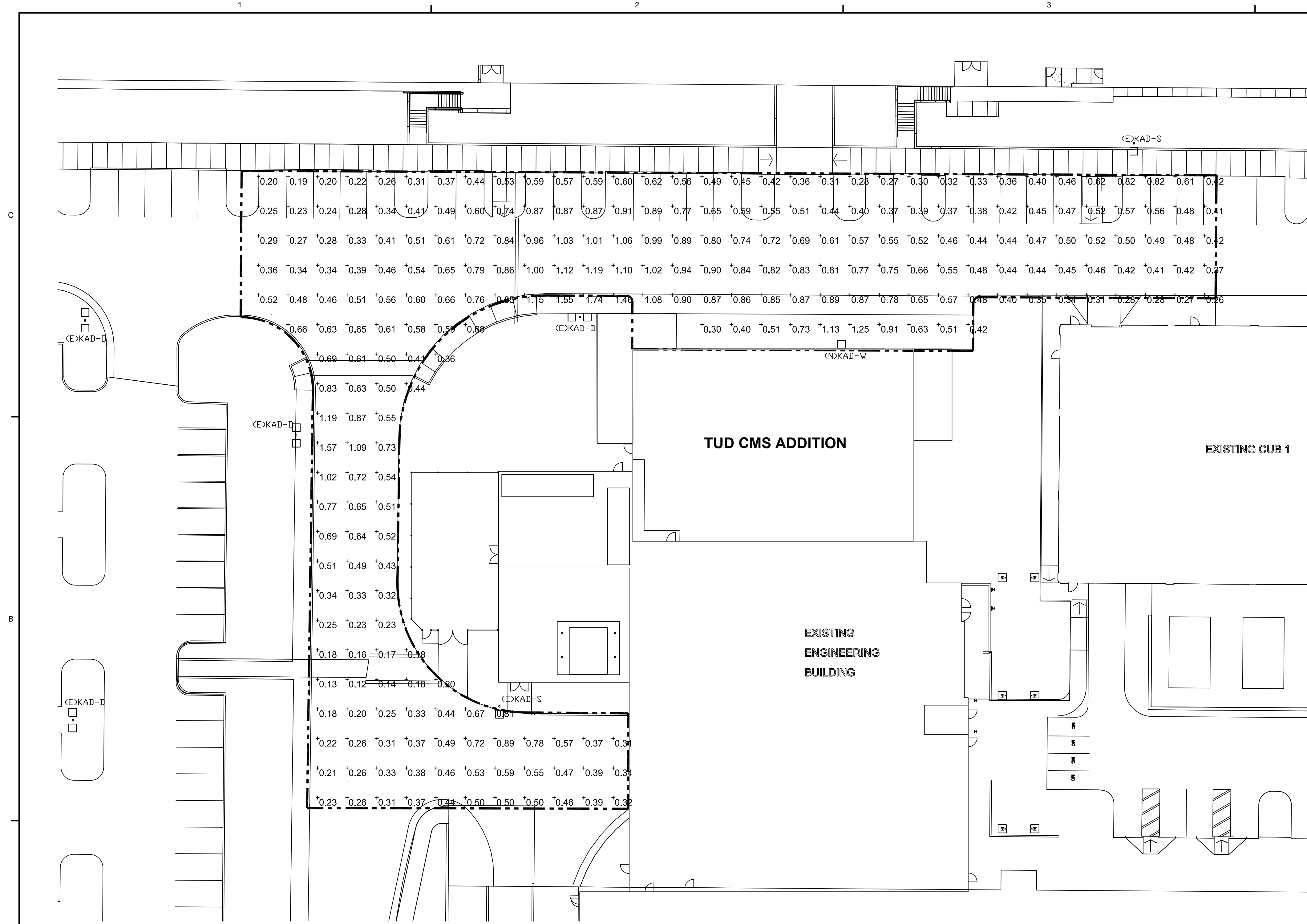
REVISION OR ISSUE
SSOE, Inc.

PROJECT NO: **019-00362-00**
PROJECT MANAGER: JOEY KRAGT
DESIGNED: CHRIS HANSON
CHECKED: XIAOYING ZHANG

DRAWING TITLE:
PRELIMINARY
ELEVATIONS
AND MATERIALS

DRAWING NO:
P10

DATE: _____
USER: _____



GENERAL NOTES

- A. LIGHTING CALCULATIONS AND LEVELS ARE SHOWN AS A GUIDELINE FOR FINAL DESIGN OF THE PROPOSED BUILDING ADDITION.
- B. FINAL DESIGN SHALL INCLUDE ALL LIGHTING DETAILS NECESSARY, INCLUDING LUMINAIRE TYPES, BRANCH CIRCUIT WIRING AND CONTROL.
- C. PHOTOMETRICS PARAMETERS:
 * LIGHTING VALUES ARE IN FOOT-CANDLES (FC), TO CONVERT FROM FOOT-CANDLES TO LUMENS PER METER (LM/M²); 1 FC = 10.76 LM/M²
 * CALCULATION GRID IS 10'-0" x 10'-0"
 * CALCULATION ELEVATION IS 0'-6" ABOVE FINISHED GRADE.
- D. LUMINAIRES NOTED (E) ARE EXISTING AND ARE BASED ON OWNER FURNISHED RECORD DRAWINGS.
- E. ALL PROPOSED NEW LUMINAIRES (N) ARE A MINIMUM OF 200'-0" FROM PROPERTY LINES.

STATISTICS					
DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN
City of Tualatin Standard (not to exceed)	0.5fc	-	0.13fc	20.0:1	4.0:1
AREA #1	0.56fc	1.74fc	0.13fc	14.5:1	4.3:1

PHOTOMETRICS BASED ON RECORD DOCUMENTS AND REPRESENT BEST AVAILABLE INFORMATION. EXISTING LUMINAIRE TYPES AND SPECIFICATIONS ARE UNKNOWN. ACTUAL LIGHTING LEVELS MAY VARY.

LUMINAIRE SCHEDULE							
TYPE	MANUFACTURER	CATALOG	CONFIGURATION	DISTRIBUTION	Watts	LUMENS	MOUNTING HEIGHT
KAD-D	LITHONIA	KAD LED 20C 530 30K R4 MVOLT	DOUBLE	R4 (TYPE IV)	70	3000K	25'-0" AFG
KAD-S	LITHONIA	KAD LED 20C 530 30K R4 MVOLT	SINGLE	R4 (TYPE IV)	35	3000K	25'-0" AFG
KAD-W	LITHONIA	KAD LED 20C 530 30K R4 MVOLT	WALL	R4 (TYPE IV)	35	3000K	25'-0" AFG



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PROJECT INFORMATION:
**FAC-1084
 BUILDING TUD
 CMS ADDITION**

CLIENT INFORMATION:

LAM Research
 11361 SW LEVETON DR
 TUALATIN, OR 97062

CLIENT PROJECT NO:

NO.	DATE	SUBJECT

NO. DATE SUBJECT
 REVISION OR ISSUE
SSOE, Inc.

PROJECT NO: **019-00362-00**
 PROJECT MANAGER: JOEY KRAGT
 DESIGNED: GREG DIETER
 CHECKED: CHRIS HANSON

DRAWING TITLE:
**PRELIMINARY
 PHOTOMETRIC ANALYSIS**

DRAWING NO:
P11

DATE: _____ USER: _____



KAD LED LED Area Luminaire



Specifications

EPA: 1.2 ft² (0.11 m²)
Length: 17.1/2" (44.5 cm)
Width: 17.1/2" (44.5 cm)
Height: 7.1/8" (18.1 cm)
Weight (max): 36 lbs. (16.4 kg)

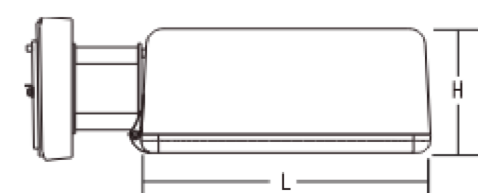
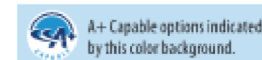


Table with 3 columns: Catalog number, Notes, Type

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.
• All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
• This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability!
• This luminaire is part of an A+ Certified solution for ROAM?2 or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background!
To learn more about A+, visit www.acuitybrands.com/apl.
1. See ordering tier for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately. Link to Roam; Link to DTL DLL



Ordering Information

EXAMPLE: KAD LED 40C 1000 40K R5 MVOLT 1 277V DDBXD

Table with columns: Series, LEDs, Drive current, CCT, Distribution, Voltage, Mounting, Shipped included, Shipped separately

Table with columns: Options, Shipped installed, Shipped separately

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Performance Data

Lumen Output

Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Large table with columns: LED, Base Current, System, CCT, Lumen, etc. for various configurations and temperatures.

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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 54°F (12.2°C)

Table with columns: Ambient, Lumen Multiplier for temperatures 50°C, 55°C, 60°C, 65°C, 70°C, 75°C, 80°C, 85°C, 90°C

Electrical Load

Table with columns: Ambient, Lumen Multiplier, Current (A) for various configurations and temperatures.

Projected LED Lumen Maintenance

Data references the accelerated performance projections for the KAD LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-R0-09 and projected per IESNA TM-21-11).

To calculate LM use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

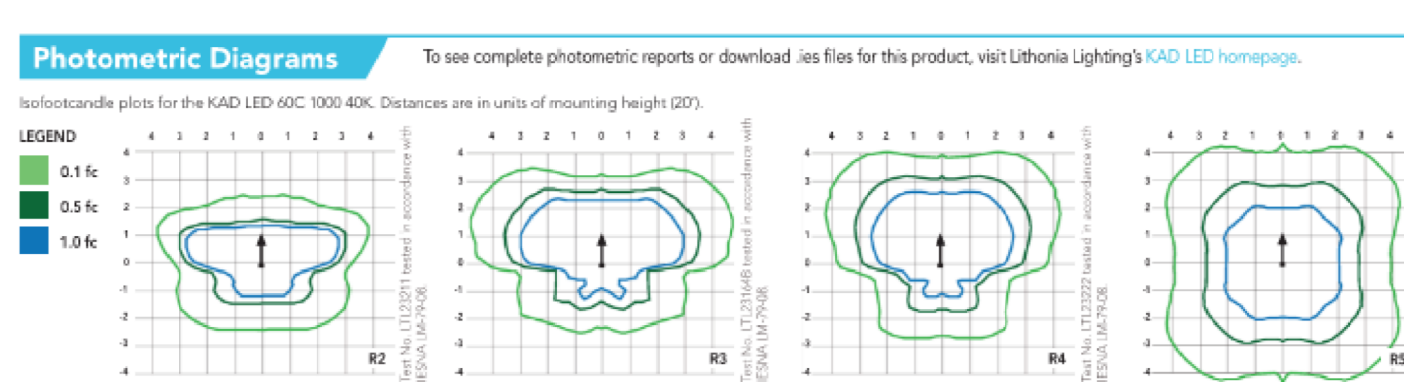
Table with columns: Operating hours, Lumen Maintenance Factor for KAD LED 40C 1000 and KAD LED 40C 700

Table with columns: Option, Dimmed, High Level, PhotoCell, Dwell, Ramp-up, Ramp-down

PER Table with columns: Control, PER (3 wire), PER5 (5 wire), PER7 (7 wire)

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's KAD LED homepage.



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KAD LED Rev. 01/20/20 Page 4 of 5



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LAM Research
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CLIENT PROJECT NO:

Table with columns: NO., DATE, SUBJECT, REVISION OR ISSUE

SSOE, Inc.

PROJECT NO: 019-00362-00
PROJECT MANAGER: JOEY KRAGT
DESIGNED: GREG DIETER
CHECKED: CHRIS HANSON

DRAWING TITLE:
PRELIMINARY LIGHTING DETAILS

DRAWING NO:
P12

USER:

DATE: