NOLS SEQUIM LIBRARY EXPANSION & RENOVATION

ABBREVIATIONS

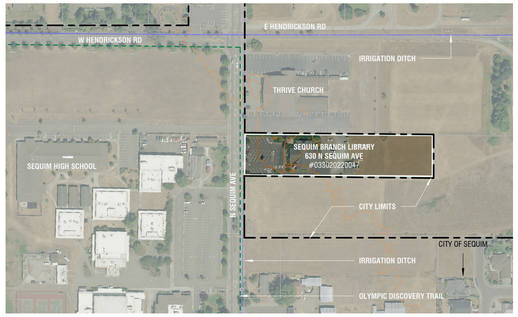
&	AND
L	ANGLE
@	AT
Ø	DIAMETER
#	POUND OR NUMBER
(E)	EXISTING
℄	CENTERLINE
℗	PROPERTY LINE
A.B.	ANCHOR BOLT
ABV	ABOVE
AC	AIR CONDITIONING
ACP	ACOUSTIC CEILING PANEL
ACU	AIR CONDITION UNIT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECT, ARCHITECTURAL
AWRB	AIR/WEATHER BARRIER
BLDG	BUILDING
BLW	BELOW
BM	BEAM
B.O.	BOTTOM OF
BRS	BACKER ROD & SEALANT
CB	CATCH BASIN
CBB	CEMENT BACKER BOARD
CEM	CEMENT
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONT	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
DBL	DOUBLE
DEMO	DEMOLISH
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
E	EAST
EA	EACH
ECS	EXTERIOR COMPOSITE SIDING
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMERG	EMERGENCY
EQ	EQUAL
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FF	FINISH FLOOR
FH	FIRE HYDRANT
FIN	FINISH
FLR	FLOOR
F.O.	FACE OF
FOIC	FURNISHED BY OWNER, INSTALL BY CONTRACTOR
FOIO	FURNISHED BY OWNER INSTALL BY OWNER
FR	FIRE RESISTANT
FS	FLOOR SINK
FT	FEET
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GL	GLASS
GLB	GLU-LAM BEAM
GND	GROUND
GR	GRADE
GRT'D	GROUTED
GWB	GYPSUM WALL BOARD
HB	HOSE BIBB
HC	HANDICAP
HCMU	HOLLOW CLAY MASONRY UNIT
HDWD	HARDWOOD
HDWE	HARDWARE
HT	HEIGHT
HM	HOLLOW METAL
HR	HOUR
HORIZ	HORIZONTAL
I.D.	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
KIT	KITCHEN
LA	LANDSCAPE ARCHITECT
LAM	LAMINATE
LAV	LAVATORY
LKR	LOCKER
LOC	LOCATE
LT	LIGHT
LVL	LAMINATED VENEER LUMBER
M	MEN'S
MATL	MATERIAL
MAX	MAXIMUM
MC	MEDICINE CABINET
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MH	MANHOLE
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
MULL	MULLION
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
NR	NOT RATED
OA	OVERALL
OBS	OBSCURE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
PC	PRECAST CONCRETE
PL	PLATE
PLAS	PLASTER
PLY	PLYWOOD
P.LAM	PLASTIC LAMINATE
PNT	PAINT
POC	POINT OF CONNECTION
PR	PAIR
PSL	PARALLEL STRAND LUMBER
PT	PRESSURE TREATED
PTN	PARTITION
QT	QUARRY TILE
R or RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
RELOC	RELOCATE
REQ'D	REQUIRED
RES	RESILIENT
RM	ROOM
RO	ROUGH OPENING
RV	ROOF VENT
RL	RAIN WATER LEADER
S	SOUTH
SA	SMOKE ALARM
SC	SOLID CORE
SCHED	SCHEDULE
SECT	SECTION
SG	SAFETY GLASS
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
S.S.	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STN	STAIN
STOR	STORAGE
STRUCT	STRUCTURE
SOG	SLAB ON GRADE
SUSP	SUSPENDED
SYM	SYMMETRICAL
T, TMP	TEMPERED
T&G	TONGUE & GROOVE
TEL	TELEPHONE
TER	TERRAZZO
THK	THICK
T.O.	TOP OF
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
UL	UNDERWRITERS' LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WEST
W/	WITH
WB	WHITEBOARD
WC	WATER CLOSET
WD	WOOD
WF	WIDE FLANGE
WIN	WINDOW
W/O	WITHOUT
WOM	WALK OFF MAT
WM	WOMEN'S
WP	WATERPROOFING
WR	WATER RESISTANT
WRB	WATER-RESISTIVE BARRIER
WSCT	WAINSCOT
WT	WEIGHT

MATERIAL SYMBOLS

BATT INSULATION
CONCRETE
RIGID INSULATION
EARTH
GRAVEL
WOOD
MASONRY
PLYWOOD
STEEL

DRAFTING SYMBOLS

WALL SECTION (1 / A101, SIM)
BLDG SECTION (1 / A101, SIM)
EXTERIOR ELEVATION (1 / A101)
INTERIOR ELEVATION (1 / A101)
DETAIL (1 / A101, SIM)
NORTH ARROW
GRID HEAD (0)
ROOM TAG (ROOM NAME / 101)
WINDOW & STOREFRONT TAG (1i)
FLOOR, WALL, CEILING OR ROOF TAG (R1)
CASEWORK TAG (C1)
DOOR TAG (101b)
KEY NOTE (1)
ELEVATION NOTE (NAME / ELEVATION)
SPOT ELEVATION (XXX / T.O. XXX)
CENTERLINE
PROPERTY LINE
FLOOR TRANSITION (XXX, XXX)
REVISION (1 / DESCRIPTION)
BREAKLINE
DIMENSION POINT
ENLARGED DETAIL CALLOUT (1 / A101, SIM)



VICINITY MAP

GENERAL NOTES

1. REFER TO LANDSCAPE, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND SYMBOLS.
2. MATERIALS, ASSEMBLIES AND NOTED ITEMS ARE NEW UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL VERIFY CONDITIONS. NOTIFY THE ARCHITECT OF ANY CONDITIONS INCONSISTENT WITH THE INTENT OF THE DRAWINGS PRIOR TO STARTING OR CONTINUING WORK IN THE AREA CONCERNED.

CODE:

1. ALL WORK SHALL CONFORM TO APPLICABLE CODES AND LOCAL BUILDING REQUIREMENTS, WHICH INCLUDE THE MOST CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS, INTERNATIONAL MECHANICAL CODE (IMC), NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL FIRE CODE (IFC), AND WASHINGTON STATE ENERGY CODE (WEC).
2. REFER TO WINDOW SCHEDULE FOR WINDOW SIZES AND TYPES. ALL GLAZING WITHIN 18" OF INTERIOR FLOOR, EXTERIOR WALKING SURFACE OR WITHIN 24" OF A DOOR IN ANY POSITION TO BE TEMPERED GLASS UNLESS INDICATED OTHERWISE.
3. MECHANICAL, ELECTRICAL AND PLUMBING PERMITS TO BE APPLIED FOR UNDER SEPARATE APPLICATION BY CONTRACTOR.
4. PROVIDE FIREBLOCKS AND DRAFTSTOPS PER IBC.
5. PROVIDE CLOSURE MEETING THE REQUIREMENT OF GOVERNING FIRE AUTHORITIES BETWEEN FIRE RATED FLOORS, SHAFTS AND BUILDING PARTITIONS AND PENETRATING DUCTS, PIPES, CONDUIT, MECHANICAL, ELECTRICAL, AND OTHER ITEMS.
6. RECESSES LOCATED WITHIN FIRE RATED PARTITIONS SHALL BE CONSTRUCTED TO MAINTAIN THE REQUIRED FIRE RATING OF THE PARTITION.
7. EXISTING FIRE EXTINGUISHERS AND CABINETS ARE NOT SHOWN ON PLANS. PROTECT EXISTING FIRE EXTINGUISHERS AND CABINETS (RECESSED OR SURFACE MOUNTED) FROM DAMAGE.

HAZMAT:

1. HAZARDOUS MATERIAL REMOVAL & DISPOSAL: BEFORE BEGINNING ANY DEMOLITION OR OTHER WORK, COMPLY WITH DOCUMENTS PREPARED BY THE OWNER'S HAZARDOUS MATERIALS CONSULTANT. THIS APPLIES TO DEMOLITION, DISPOSAL AND CONSTRUCTION OPERATIONS ASSOCIATED WITH THE PROJECT. THE CONTRACTOR WILL SUSPEND WORK IMMEDIATELY AND NOTIFY THE OWNER IF MATERIALS SUSPECTED OF BEING HAZARDOUS, AND NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED IN THE COURSE OF THE CONTRACTOR'S WORK.

DEMOLITION:

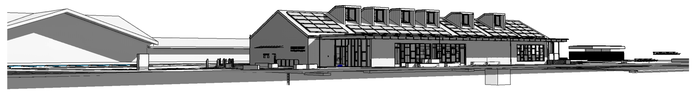
1. WHERE ITEMS ARE INDICATED ON PLANS TO BE DEMOLISHED, IT SHALL MEAN THE COMPLETE REMOVAL AND DISPOSAL OF THE ITEM INDICATED UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE HAZARDOUS MATERIALS ABATEMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR CUTTING AND PATCHING WORK.

DIMENSIONS:

1. DO NOT SCALE DRAWINGS.
2. VERIFY DIMENSIONS SHOWN ON DRAWINGS. USE ONLY DIMENSIONS INDICATED. PRIOR TO STARTING OR CONTINUING WORK, NOTIFY ARCHITECT OF DISCREPANCIES OR CONDITIONS INCONSISTENT WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
3. DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF STUD, UNLESS OTHERWISE NOTED.
4. FINISHED SURFACE OF INFILL OR EXTENSIONS OF EXISTING PARTITIONS SHALL ALIGN WITH ADJACENT EXISTING SURFACES UNLESS OTHERWISE NOTED.
5. VERTICAL DIMENSIONS ARE MEASURED FROM STRUCTURAL SLAB, TOP OF STEEL OR TOP OF SHEATHING, UNLESS NOTED OTHERWISE.
6. DOORS NOT LOCATED BY DIMENSION ON PLANS SHALL BE SIX INCHES FROM FACE OF ADJOINING PARTITION TO HINGE EDGE OF DOOR OPENING. PROVIDE MINIMUM 18" CLEAR FROM FACE OF ADJOINING PARTITION OR OTHER OBSTRUCTION TO JAMB EDGE OF DOOR OPENING, UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT IF REQUIRED CLEARANCES ARE NOT AVAILABLE.
7. WINDOWS ARE DIMENSIONED TO CENTERLINE OF OPENING WITHIN FRAMED WALLS AND TO MASONRY OPENING WITHIN MASONRY WALLS, UNLESS OTHERWISE NOTED.

COORDINATION:

1. COORDINATE ALL OPERATIONS WITH OWNER, SUCH AS AREAS USED FOR MATERIAL STORAGE, ACCESS TO AND FROM THE SITE, TIMING OF WORK AND REQUIREMENTS OF NOISE ORDINANCE. INSTALL DUST AND NOISE BARRIERS AS REQUIRED TO PROTECT EXISTING ADJACENT BUILDINGS AND OCCUPANTS AND TO MAINTAIN AN ENVIRONMENT SUITABLE TO PERMIT CONTINUED OCCUPANCY OF SUBJECT AND ADJACENT BUILDINGS.
2. REVIEW DEMOLITION DRAWINGS. PATCH AND REPAIR ALL EXISTING SURFACES AFFECTED BY DEMOLITION WORK.
3. VERIFY LOCATIONS OF EXISTING UTILITIES. CAP, MARK AND PROTECT AS NECESSARY TO COMPLETE THE WORK.
4. REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND PROVIDE ROUGH-INS THROUGH SLABS, BEAMS, WALLS, CEILINGS, AND ROOFS FOR DUCTS, PIPES, CONDUITS, JUNCTION BOXES, CABINETS AND EQUIPMENT. VERIFY SIZE AND LOCATION BEFORE PROCEEDING WITH WORK. COORDINATE WITH INSTALLATION REQUIREMENTS. PATCH AND REPAIR EXISTING SURFACES AS NECESSARY TO COMPLETE WORK.
5. COORDINATE AND PROVIDE REQUIRED PENETRATIONS AND PATCHING WITH INDIVIDUAL SUBCONTRACTORS TO SUIT NEW WORK.
6. CONTRACTOR TO OBTAIN AND VERIFY ROUGH-IN DIMENSION REQUIREMENTS FOR CABINETRY, EQUIPMENT, ACCESSORIES AND THE LIKE INCLUDING THOSE DESIGNATED FOIC AND FOIO. CONTRACTOR TO PROVIDE BACKING, BLOCKING, SUPPORT AS REQUIRED FOR INSTALLATION. CONTRACTOR TO COORDINATE POWER, DATA, COMMUNICATIONS AND SECURITY REQUIREMENTS FOR FOIC AND FOIO EQUIPMENT WHERE SERVICES ARE REQUIRED. INCLUDE STUB OUTS AND CONNECTIONS. VERIFY AND COORDINATE DIMENSIONS OF FOIC AND FOIO ITEMS PRIOR TO PROCEEDING WITH WORK. INCLUDE STUB OUTS FOR FUTURE WORK.
7. PIPING, CONDUITS, DUCTS, ETC. SHALL BE CONCEALED IN WALLS, CHASES, ABOVE SUSPENDED CEILINGS, BELOW FLOORS OR BE FURRED-IN IN ROOMS WITH EXISTING CEILINGS, UNLESS OTHERWISE NOTED. DO NOT CONCEAL PIPING, CONDUITS, DUCTS, ETC. IN ELECTRICAL, MECHANICAL, AND COMMUNICATION ROOMS.
8. CAREFULLY COORDINATE MECHANICAL, ELECTRICAL, AND BUILDING SYSTEM INSTALLATIONS WITH EXISTING STRUCTURE AND BUILDING SYSTEMS.
9. "REMOVE" MEANS TO COMPLETELY AND PERMANENTLY REMOVE FROM THE PROJECT.
10. REFER TO LIGHTING PLAN AND ELECTRICAL DRAWINGS FOR ELECTRICAL DEVICES AND LOCATIONS. COORDINATE AND REVIEW DEVICE LOCATIONS WITH ARCHITECT IN FIELD PRIOR TO ROUGH-IN.



DESIGN TEAM

ARCHITECT:
SHKS ARCHITECTS
1050 NORTH 38TH ST
SEATTLE, WA 98103
TEL: 206.675.9151
CONTACT: ADAM HUTSCHREIDER
EMAIL: ADAMH@shksarchitects.com

CIVIL ENGINEER:
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1932 FIRST AVENUE, SUITE 201
SEATTLE, WA 98101
TEL: 206.725.1211
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EMAIL: MARCS@lpdengineering.com

LANDSCAPE ARCHITECT:
SITE WORKSHOP
3800 WOODLAND PARK AVE N, SUITE 200
SEATTLE, WA 98103
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STRUCTURAL ENGINEER:
PCS STRUCTURAL SOLUTIONS
1011 WESTERN AVE, UNIT 810
SEATTLE, WA 98104
TEL: 206.292.5076
CONTACT: CRAIG STAUFFER
EMAIL: CSTAUFFER@pcs-structural.com

MEP/FP ENGINEER:
FSI ENGINEERS
PIER 54, 1001 ALASKAN WAY SUITE 200,
SEATTLE, WA 98104
TEL: 206.207.4095
CONTACT: DAIMIAN BINGHAM
EMAIL: DAIMIANB@fsi-engineers.com

LIGHTING DESIGNER:
SPARKLAB
1419 S JACKSON ST. SUITE 101
SEATTLE, WASHINGTON 98144
TEL: 206.566.7222
CONTACT: CJ BROCKWAY
EMAIL: CJ@SPARKLABLD.COM

GEOTECHNICAL ENGINEER:
ASSOCIATED EARTH SCIENCES INC
911 5TH AVE
KIRKLAND, WA 98033
TEL: 425-827-7701
CONTACT: BRADFORD DREW
EMAIL: BDREW@aesgeo.com

COMMISSIONING AUTHORITY:
HAMASAKI CONSULTING ENGINEERING SERVICES
TEL: 425-870-9379
CONTACT: MARI HAMASAKI
EMAIL: MHAMASAKI@hces-llc.com

PROJECT INFORMATION

PROJECT OWNER:
NORTH OLYMPIC LIBRARY SYSTEM

PROJECT MANAGER:
NOAH GLAUDE
NGLAUDE@nols.org

PROJECT ADDRESS:
SEQUIM BRANCH LIBRARY
630 NORTH SEQUIM AVENUE
SEQUIM, WA 98382

SCOPE DESCRIPTION:
A 3,800 SF ADDITION AND RENOVATION TO AN EXISTING ONE-STORY 6,255 SF BUILDING. WORK INCLUDES NEW ROOF AT EXISTING STRUCTURE, NEW HVAC, ELECTRICAL, AND SPRINKLER SYSTEMS; SITE IMPROVEMENTS INCLUDE REVISED AUTO ACCESS, PEDESTRIAN ENTRY, PLANTINGS, AND NEW ON-SITE STORMWATER STORAGE.

ZONING ANALYSIS

1. **PROJECT ADDRESS:** 630 NORTH SEQUIM AVE, SEQUIM WA 98382
2. **PARCEL NUMBER:** 330202200470000
3. **LEGAL DESCRIPTION:** A PORTION OF THE NW 1/4, SECTION 20, T.30 N, R.3.W, W.M., CLALLAM COUNTY, WA.
4. **LOT AREA:** 83, 700 SF; DISTURBED SITE AREA APPROX 47,555 SF
5. **ZONE:** R4-8, PUBLIC FACILITY
6. **CURRENT USE:** PUBLIC LIBRARY, NO CHANGE
7. **YEAR BUILT:** 1983
8. **(E) BLDG AREA:** 6,255
9. **PROPOSED BLDG AREA:** 9,519
10. **(E) LOT COVERAGE:** 8%
11. **PROPOSED LOT COVERAGE:** 13.5%
12. **HT LIMIT:** 25'-0"
13. **PARKING QUANTITY:** 28 REQUIRED, 29 PROVIDED
14. **REQUIRED SETBACKS:** FRONT 15', REAR 20', SIDE 20'
15. **CONSTRUCTION TYPE**: V-B
16. **OCCUPANCY:** A, B
17. **ESTIMATED CUT & FILL:** 1,800 CUBIC YARD EXPORT CUT; 1,200 CUBIC YARD IMPORT FILL
18. **(E) TOTAL IMPERVIOUS SURFACE:** 37,928 SF
    PROPOSED REMOVED: 28,181 SF
    PROPOSED REPLACED: 14,642 SF
    PROPOSED NEW: 11,392 SF
    PROPOSED TOTAL IMPERVIOUS SURFACE: 37,928 SF

APPLICABLE CODES

2018 WASHINGTON STATE BUILDING CODE
2018 UNIFORM PLUMBING CODE
2018 INTERNATIONAL FIRE CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2018 WASHINGTON STATE ENERGY CODE

FIRE PROTECTION UNDER SEPARATE PERMIT
ELECTRICAL UNDER SEPARATE PERMIT
PLUMBING UNDER SEPARATE PERMIT

SHEET INDEX

A0.0	COVER SHEET
SURV1	SITE SURVEY - WEST SITE
SURV2	SITE SURVEY - EAST SITE
C1.0	CIVIL COVER SHEET
C1.1	NOTES AND SPECIFICATIONS
C1.2	TESC & DEMOLITION
C1.3	TESC DETAIL
C2.0	GRADING AND DRAINAGE
C3.0	UTILITIES & PAVING
C4.0	STRIPING & CHANNELIZATION
C5.0	DRAINAGE DETAILS
C5.1	PAVING & UTILITY DETAILS
C5.2	PAVING & UTILITY DETAILS
C5.3	PAVING DETAILS
L1.10	LANDSCAPE SITE PLAN - WEST
L1.11	LANDSCAPE SITE PLAN - EAST
A1.0	SITE PLAN
A3.0	EXTERIOR ELEVATIONS
L1.1	SITE LIGHTING PLAN

SHKS ARCHITECTS
1050 N. 38th St.
Seattle, WA 98103
PH: 206.675.9151
www.shksarchitects.com

NOLS
SEQUIM LIBRARY
EXPANSION &
RENOVATION

CONDITIONAL
USE PERMIT

630 N SEQUIM AVE
SEQUIM, WA 98382

Drawn by: PW
Checked: AH
Date: 5/3/23
Scale: As indicated

Revisions:
No. Date Remarks

PERMIT DOCUMENTS

COVER SHEET
A0.0

5/5/2023 10:35:44 AM

TOPOGRAPHIC SURVEY

A PORTION OF THE NW 1/4 OF THE NW 1/4 OF SECTION 20,
T. 30 N., R. 3 W., W.M.
CLALLAM COUNTY, WASHINGTON
PREPARED FOR
THE NORTH OLYMPIC LIBRARY SYSTEM



LEGEND:

- PROPERTY BOUNDARIES
- 1' CONTOUR LINES
- 5' CONTOUR LINES
- 8" WATER LINE
- 6" SEWER LINE
- STORM DRAIN LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND TV
- UNDERGROUND POWER
- SEWER MANHOLE
- DRY WELL
- ELEC. TRANSFORMER
- ELEC. JBOX
- WATER VALVES
- TELE. PEDESTAL
- CLEAN OUT
- CATCH BASIN
- WATER METER
- ORNAMENTAL TREE

NOTES:

1. THE SURVEYED PARCEL MAY BE SUBJECT TO EASEMENTS OR OTHER ENCUMBRANCES EITHER RECORDED OR UNRECORDED NOT SHOWN HEREON. THIS SURVEY HAS NOT DETERMINED THE EXISTENCE OF ALL SUCH EASEMENTS OR ENCUMBRANCES OR THEIR EFFECT ON THE SURVEYED PARCEL, EXCEPT AS SPECIFICALLY SHOWN HEREON.
2. THIS TOPOGRAPHIC SURVEY MAY DEPICT EXISTING FENCE LINES OR OTHER OCCUPATIONAL INDICATORS THAT MAY INDICATE A POTENTIAL FOR CLAIMS OF UNWRITTEN TITLE. LEGAL OWNERSHIP BASED UPON UNWRITTEN TITLE CLAIMS HAVE NOT BEEN RESOLVED BY THIS SURVEY.
3. THIS SURVEY WAS PERFORMED ACCORDING TO W.A.C. 332-130-090 STANDARDS FOR LAND BOUNDARY SURVEYS. THIS SURVEY WAS NOT PERFORMED OR CERTIFIED TO MEET THE CURRENT "MINIMUM STANDARD DETAIL REQUIREMENTS" OR "ACCURACY STANDARDS" FOR ALTA/ACSM LAND TITLE SURVEYS. THEREFORE, USE OF THIS MAP FOR THE ISSUANCE OF AN ALTA/ACSM OWNER'S EXTENDED COVERAGE POLICY IS STRICTLY PROHIBITED.
4. THE PURPOSE OF THIS SURVEY IS FOR DESIGN AND PLANNING.
5. THE SOURCE OF CONTOUR INFORMATION IS FROM AERIAL FLIGHT PHOTOGRAMETRY CAMERA MODEL FC6310_8.8_5472X3648 AND IS COMPRISED OF 171 IMAGES WITH AN AVERAGE GROUND SAMPLING DISTANCE OF 0.04 FEET. THE PROCESSING WAS DONE ON PIX4D SOFTWARE WITH A MEDIAN OF 26,243 MATCHES PER CALIBRATED IMAGE. SIX GROUND CONTROL POINTS WERE UTILIZED AND NUMEROUS ADDITIONAL MEASUREMENTS USING GNSS PROCEDURES WERE MADE TO INSURE THE ACCURACY MEETS ONE-HALF THE CONTOUR INTERVAL STANDARDS.
6. UNDERGROUND UTILITIES LOCATIONS ARE SHOWN ON THIS SURVEY ARE A COMPILATION OF SURFACE FEATURES AND MARKINGS PROVIDED BY A UTILITY MARKING SERVICE.

WCS GRID NORTH
TRUE NORTH
Q=-1°41'21"
AT THE NW CORNER, SEC. 20

Scale: 1" = 20'
0 20' 40' 60'

PROCEDURES:
THIS TOPOGRAPHIC SURVEY IS BASED ON A GROUND SURVEY UTILIZING AERIAL PHOTOGRAMETRIC METHODS AND GNSS RTK SURVEY PROCEDURES.

THIS SURVEY MEETS OR EXCEEDS THE STANDARDS CONTAINED IN WAC 332-130-090.

EQUIPMENT:
DJI PHANTOM 4 PRO DRONE
JAVAD TRIUMPH LS AND T-2 GNSS RTK RECEIVERS

DATE OF SURVEY:
MARCH, 2022

BRADLEY R. LYMANGROVER
STATE OF WASHINGTON
28071
REGISTERED
PROFESSIONAL LAND SURVEYOR
3/22/22

B.R. Lymangrover
Land Surveying
55 STORM KING RD
PORT ANGELES, WA 98363
PHONE: (360) 457-5961

SHEET 1 OF 2

DATE: 3/21/22 JOB# 22001

TOPOGRAPHIC SURVEY

A PORTION OF THE NW 1/4 OF THE NW 1/4 OF SECTION 20,
T. 30 N., R. 3 W., W.M.
CLALLAM COUNTY, WASHINGTON
PREPARED FOR
THE NORTH OLYMPIC LIBRARY SYSTEM



CALL BEFORE YOU DIG
811
FOR UNDERGROUND UTILITY LOCATION SERVICE

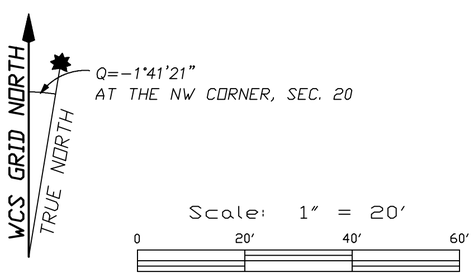
NOTE REGARDING UNDERGROUND UTILITIES:
THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON A COMBINATION OF OBSERVABLE EVIDENCE AND UTILITY RECORDS. ALL UNDERGROUND UTILITIES SHOW HEREON ARE AN OPINION BY THIS OFFICE OF THEIR PROBABLE LOCATION. B.R. LYMANGROVER LAND SURVEYING, PLLC, IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS INFORMATION. NOTE THAT THERE MAY BE BURIED UTILITIES FOR WHICH THERE IS NO INFORMATION AS TO THEIR EXACT LOCATION. THE LOCATION OF THESE UTILITIES IS NOT WITHIN THE SCOPE OF THIS SURVEY.

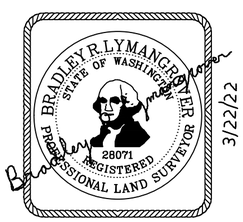
LEGAL DESCRIPTION:
SEE INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 529084, RECORDS OF CLALLAM COUNTY, WASHINGTON. SITUATE IN CLALLAM COUNTY, STATE OF WASHINGTON.

BASIS OF BEARINGS:
WASHINGTON STATE COORDINATE SYSTEM, NORTH ZONE, (NAD 83/91), AS DETERMINED FROM DIRECT GNSS OBSERVATIONS TO MONUMENTS 03301911 AND 03302031 AS SHOWN ON SURVEY RECORDED IN VOL. 39 OF SURVEYS, PAGE 86, RECORDS OF CLALLAM COUNTY, WASHINGTON, UNDER AF# 1998-1010484. SEE AF#'S 1998-1010485 FOR MONUMENT DESCRIPTIONS.

DISTANCES SHOWN HEREON ARE REDUCED TO SAID GRID BY A COMBINED SCALE FACTOR OF 0.99993813.

VERTICAL DATUM:
NAVD 88, BASED ON TIES TO THE ABOVE SITED MONUMENTS.
CONTOUR INTERVAL = 1.0 FEET





3/22/22

B.R. Lymangrover
Land Surveying
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SHEET 2 OF 2

DATE: 3/21/22 JOB# 22001

NORTH OLYMPIC LIBRARY SYSTEM (NOLS)

SEQUIM BRANCH LIBRARY EXPANSION + RENOVATION
SEQUIM, CLALLAM COUNTY, WASHINGTON

GENERAL SUPPLEMENTAL CONDITIONS

INSPECTION: THE CITY AND INDEPENDENT MATERIAL TESTER SHALL HAVE FULL ACCESS TO THE SITE DURING CONSTRUCTION FOR THE PURPOSE OF INSPECTING AND TESTING TO VERIFY CONFORMANCE TO THE APPROVED SITE CONSTRUCTION PLANS, SPECIFICATIONS (CURRENT ADDITION OF WSDOT STANDARD SPECIFICATIONS), AND CITY STANDARDS. SITE INSPECTIONS WILL BE ONGOING THROUGH THE DURATION OF THE PROJECT. TESTING FREQUENCIES WILL BE AT A MINIMUM THE FREQUENCY INCLUDED IN THE SPECIFICATIONS.

G.I.S. MAPPING: THE DEVELOPER SHALL PROVIDE THE CITY WITH THE APPROVED SITE CONSTRUCTION DRAWINGS IN MODEL SPACE LAYOUT IN AUTOCAD FILE VERSION 14.0 OR HIGHER. THE FILE SHALL BE IN WASHINGTON STATE PLANE (NORTH ZONE) COORDINATE SYSTEM, NAD 83 DATUM, NAVD 88, IN U.S. FEET.

G.I.T. NON-CONFORMING WORK: NON-CONFORMING WORK IS ANY ELEMENT OF THE PROJECT NOT CONFORMING TO THE APPROVED SITE CONSTRUCTION PLANS, SPECIFICATIONS AND CITY STANDARDS. NOTICE OF NON-CONFORMING WORK WILL BE PROVIDED BY THE CITY TO THE DEVELOPER'S DESIGNATED REPRESENTATIVE WHO HAS THE AUTHORITY TO TAKE CORRECTIVE ACTION. FAILURE BY THE CITY TO IDENTIFY NON-CONFORMING WORK DOES NOT RELIEVE THE DEVELOPER OF THEIR OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE APPROVED SITE CONSTRUCTION PLANS, SPECIFICATIONS, AND CITY STANDARDS.

QUALITY CONTROL HOLD POINTS: QUALITY CONTROL HOLD POINTS ARE POINTS IN THE SEQUENCE OF WORK AT WHICH TIME CITY INSPECTION OR TESTING IS REQUIRED BEFORE FURTHER WORK MAY PROCEED. A LIST OF QUALITY CONTROL HOLD POINTS WILL BE PROVIDED AT THE PRECONSTRUCTION MEETING.

MATERIAL APPROVAL: ALL MATERIALS TO BE PERMANENTLY INCORPORATED INTO THE PROJECT COMPONENTS THAT ARE TO BE DEDICATED TO THE CITY REQUIRE CITY APPROVAL. MATERIALS SUBMITTALS MUST BE SUBMITTED TO THE CITY USING THE WSDOT REQUEST FOR APPROVAL OF MATERIAL (RAM) FORM 350_071. MATERIAL APPROVAL AND ACCEPTANCE WILL BE DONE IN ACCORDANCE WITH THE WSDOT CONSTRUCTION MANUAL. THE CITY WILL HAVE 14 CALENDAR DAYS TO PROVIDE AN INITIAL SUBMITTAL RESPONSE. ADDITIONAL INFORMATION INCLUDING TESTING, CERTIFICATIONS, OR CATALOG CUTS MAY BE REQUIRED PRIOR TO A MATERIAL BEING APPROVED FOR USE. APPROVAL OF MATERIAL FOR USE DOES NOT CONSTITUTE MATERIAL ACCEPTANCE. MATERIAL ACCEPTANCE WILL BE CONTINGENT UPON COMPLETING THE ACCEPTANCE ACTION IDENTIFIED ON THE RAMS DURING CONSTRUCTION.

GENERAL NOTICE REQUIREMENT: THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE FOR ANY INSPECTION, TESTING, OR UTILITY OPERATIONS WHERE CITY REPRESENTATIVE MUST BE PRESENT. NOTIFICATIONS SHALL BE GIVEN TO THE CITY REPRESENTATIVE DESIGNATED AT THE PRECONSTRUCTION MEETING. CITY MAINTENANCE CREWS WILL OPERATE ALL VALVES ASSOCIATED WITH THE MUNICIPAL WATER SYSTEM. AT NO TIME SHOULD THE CONTRACTOR OPERATE VALVES.

PROGRESS SCHEDULE: THE CONTRACTOR SHALL PROVIDE AN INITIAL SCHEDULE SHOWING THE SEQUENCE AND DURATION OF WORK ACTIVITIES FOR THE ENTIRE PROJECT. THE CONTRACTOR SHALL PROVIDE UPDATES TO THE SCHEDULE ON AN AS-NEEDED BASIS.

SURVEY: THE DEVELOPER (CONTRACTOR) IS RESPONSIBLE FOR PROVIDING CONSTRUCTION STAKING.

REQUEST FOR INFORMATION: ALL CONTRACTOR REQUESTS FOR INFORMATION SHALL BE DIRECTED TO THE DEVELOPER'S ENGINEER OF RECORD. THE DEVELOPER'S ENGINEER SHALL SEEK CITY CONCURRENCE TO RESPONSES RESULTING IN A CHANGE TO THE APPROVED SITE CONSTRUCTION PLANS AND SPECIFICATIONS BEFORE PROVIDING A RESPONSE TO THE CONTRACTOR. ALL RESPONSES SHALL BE PROVIDED TO THE CITY FOR INFORMATIONAL PURPOSES.

CHANGE ORDERS: ALL EQUITABLE ADJUSTMENTS IN TIME AND COSTS RESULTING FROM A CHANGE SHALL BE THE SOLE RESPONSIBILITY OF THE DEVELOPER. ALL CHANGE ORDERS RESULTING IN A CHANGE TO THE APPROVED SITE CONSTRUCTION PLANS AND SPECIFICATIONS MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO INCORPORATION THE CHANGE.

RECORD DRAWINGS: UPON COMPLETION OF CONSTRUCTION AND PRIOR TO ACCEPTANCE, THE APPROVED CONSTRUCTION DRAWINGS SHALL BE CORRECTED TO REFLECT "AS-BUILT" CONDITIONS BY THE ENGINEER OF RECORD AND SHALL BE RETURNED TO THE CITY. THE RECORD DRAWING SUBMITTAL SHALL INCLUDE A PDF FILE ON DISK AND THE REQUIRED SIGNATURES. FOR DRAWINGS CREATED IN ELECTRONIC FORM, THE SUBMITTAL SHALL ALSO INCLUDE AN AUTOCAD FILE VERSION 14.0 OR HIGHER OF THE "AS-BUILT" DRAWINGS ON DISK.

CITY ACCEPTANCE: CITY ACCEPTANCE OF IMPROVEMENTS TO BE DEDICATED TO THE CITY SHALL BE IN ACCORDANCE WITH SEQUIM MUNICIPAL CODE CHAPTER 17.48.060 CITY ACCEPTANCE AND 17.64.010 COMPLETION – MAINTENANCE GUARANTEE.

ALTERATIONS: ANY ACCEPTED IMPROVEMENT IN CONFLICT WITH FUTURE INDIVIDUAL LOT DEVELOP (HOME CONSTRUCTION) INCLUDING BUT NOT LIMITED TO STREET TREES, STREET LIGHTING, FIRE HYDRANTS AND UTILITY STUB-OUTS, SHALL BE REPLACED PRIOR TO ISSUANCE OF THE FINAL OCCUPANCY CERTIFICATE. ANY IMPROVEMENT THAT DOES NOT MEET CITY STANDARD FOR ITS INTENDED PURPOSE DUE TO INDIVIDUAL LOT DEVELOPMENT INCLUDING BUT NOT LIMITED TO SIDEWALK AND CURB AND GUTTER SHALL BE REPLACED TO MEET THE CURRENT CITY STANDARD FOR THE INTENDED USE. THE COST OF SUCH ALTERNATIONS DESCRIBED ABOVE WILL NOT BE THE RESPONSIBILITY OF THE CITY.

DATUM

LEGAL DESCRIPTION

SEE INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 529084, RECORDS OF CLALLAM COUNTY. WASHINGTON. SITUATE IN CLALLAM COUNTY, STATE OF WASHINGTON.

BASIS OF BEARINGS

WASHINGTON STATE COORDINATE SYSTEM, NORTH ZONE, (NAO 8.3/91), AS DETERMINED FROM DIRECT GNSS OBSERVATIONS TO MONUMENTS 0.3.301911 AND 0.3.3020.31 AS SHOWN ON SURVEY RECORDED IN VOL. .39 OF SURVEYS, PAGE 86, RECORDS OF CLALLAM COUNTY. WASHINGTON, UNDER AF# 1998-1010484. SEE AF#'S 1998-1010485 FOR MONUMENT DESCRIPTIONS.

DISTANCES SHOWN HEREON ARE REDUCED TO SAID GRID BY A COMBINED SCALE FACTOR OF 0.9999.381.3.

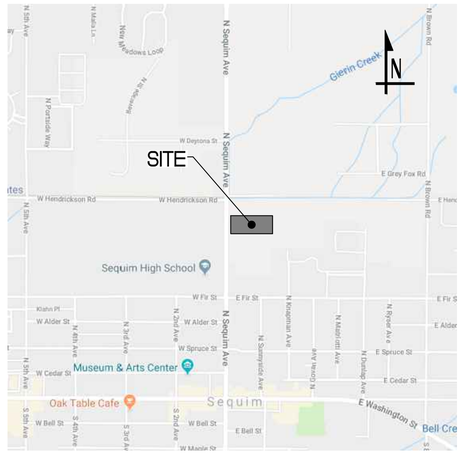
VERTICAL DATUM:
NAVO 88, BASED ON TIES TO THE ABOVE SITED MONUMENTS.
CONTOUR INTERVAL = 1.0 FEET

NOTES:

1. THE SURVEYED PARCEL MAY BE SUBJECT TO EASEMENTS OR OTHER ENCUMBRANCES EITHER RECORDED OR UNRECORDED NOT SHOWN HEREON. THIS SURVEY HAS NOT DETERMINED THE EXISTENCE OF ALL SUCH EASEMENTS OR ENCUMBRANCES OR THEIR EFFECT ON THE SURVEYED PARCEL, EXCEPT AS SPECIFICALLY SHOWN HEREON.
2. THIS TOPOGRAPHIC SURVEY MAY DEPICT EXISTING FENCE LINES OR OTHER OCCUPATIONAL INDICATORS THAT MAY INDICATE A POTENTIAL FOR CLAIMS OF UNWRITTEN TITLE. LEGAL OWNERSHIP BASED UPON UNWRITTEN TITLE CLAIMS HAVE NOT BEEN RESOLVED BY THIS SURVEY.
3. THIS SURVEY WAS PERFORMED ACCORDING TO W.A.C. 332-130-090 STANDARDS FOR LAND BOUNDARY SURVEYS. THIS SURVEY WAS NOT PERFORMED OR CERTIFIED TO MEET THE CURRENT "MINIMUM STANDARD DETAIL REQUIREMENTS" OR "ACCURACY STANDARDS" FOR ALTA/ACSM LAND TITLE SURVEYS. THEREFORE, USE OF THIS MAP FOR THE ISSUANCE OF AN ALTA/ACSM OWNER'S EXTENDED COVERAGE POLICY IS STRICTLY PROHIBITED.
4. THE PURPOSE OF THIS SURVEY IS FOR DESIGN AND PLANNING.
5. THE SOURCE OF CONTOUR INFORMATION IS FROM AERIAL FLIGHT PHOTOGRAMETRY CAMERA MODEL FC6J10_8.8_5472XJ648 AND IS COMPRISED OF 171 IMAGES WITH AN AVERAGE GROUND SAMPLING DISTANCE OF 0.04 FEET. THE PROCESSING WAS DONE ON PIX4D SOFTWARE WITH A MEDIAN OF 26,243 MATCHES PER CAL/BRA TED IMAGE. SIX GROUND CONTROL POINTS WERE UTILIZED AND NUMEROUS ADDITIONAL MEASUREMENTS USING GNSS PROCEDURES WERE MADE TO INSURE THE ACCURACY MEETS ONE-HALF THE CONTOUR INTERVAL STANDARDS.
6. UNDERGROUND UTILITIES LOCATIONS ARE SHOWN ON THIS SURVEY ARE A COMPILATION OF SURFACE FEATURES AND MARKINGS PROVIDED BY A UTILITY MARKING SERVICE.

SITE SUMMARY

AREA OF LOT	83,645 SF
LOT COVERAGE (EXISTING IMPERVIOUS AREA %)	47.91%
LOT COVERAGE (PROPOSED IMPERVIOUS AREA %)	46.06%
AREA OF LAND DISTURBING ACTIVITY	63,670 SF
BUILDING EXTERIOR	10,081 SF
HARD SURFACE (NEW & REPLACED)	31,605 SF



VICINITY MAP

SCALE: 1"=1000'

SHEET LIST	
SHEET NO.	SHEET TITLE
C1.0	COVER
C1.1	NOTES AND SPECIFICATIONS
C1.2	TESC & DEMOLITION
C1.3	TESC DETAIL
C2.0	GRADING & DRAINAGE
C3.0	UTILITY & PAVING
C4.0	STRIPING & CHANNELIZATION
C5.0	DRAINAGE DETAILS
C5.1	PAVING & UTILITY DETAILS
C5.2	PAVING & UTILITY DETAILS
C5.3	PAVING DETAILS

OWNER/APPLICANT

NORTH OLYMPIC LIBRARY SYSTEM

SURVEYOR

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MARC J. SERVIZI — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
5/3/23

NOLS
SEQUIM BRANCH LIBRARY EXPANSION & RENOVATION

630 N SEQUIM AVE
SEQUIM, WA 98382

Drawn by:	KES
Checked:	MJS
Date:	5/3/23
Scale:	As indicated
Revisions:	
No. Date	Remarks

PERMIT DOCUMENTS

COVER

C1.0

GENERAL

1. LOCATIONS SHOWN OF EXISTING UTILITIES AND IMPROVEMENTS ARE APPROXIMATE ONLY, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT LOCATIONS OF ALL UTILITIES AND IMPROVEMENTS TO AVOID DAMAGE OR DISTURBANCE.

2a. ALL WORK AND MATERIALS MUST BE IN ACCORDANCE WITH THE LATEST REVISION, INCLUDING ADDENDA AND UPDATES, OF THE CITY OF SEQUIM DEVELOPER STANDARDS. CONTRACTOR TO KEEP A COPY OF THE CITY OF SEQUIM STANDARDS ON THE JOB SITE.

2b. CITY TO REVIEW AND APPROVE ALL MATERIALS PER WSDOT CONSTRUCTION MANUAL PROCEDURES. APPROVAL OF MATERIALS REQUIRED FROM CITY PRIOR TO ORDERING OF MATERIALS.

3. ROAD RESTORATION AND CONSTRUCTION SHALL BE PER APPLICABLE CITY OF SEQUIM / CLALLAM COUNTY / WSDOT STANDARDS.

4. UNDERGROUND UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL UTILITY OWNERS FOR LOCATIONS AND TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION AT 1-800-454-5555. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EXISTING UTILITIES AND TO NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT WITH EXISTING UTILITIES.

5. THE CONTRACTOR SHALL KEEP TWO SETS OF THESE APPROVED PLANS ONSITE AT ALL TIMES FOR RECORDING "AS BUILTS" INFORMATION. ONE SET SHALL BE SUBMITTED TO CITY OF SEQUIM AT COMPLETION OF CONSTRUCTION.

6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF SEQUIM FOR A PRECONSTRUCTION MEETING (MIN. 21 DAYS PRIOR TO STARTING WORK).

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23 (PUBLIC CONVENIENCE AND SAFETY) SHALL APPLY.

8. THROUGHOUT THE WORK, THE CONTRACTOR SHALL COMPLY WITH ALL PERMITS.

9. THE CONTRACTOR SHALL LAY OUT AND SET ANY CONSTRUCTION STAKES AND MARKS NEEDED TO ESTABLISH THE LINES, GRADES, SLOPES OR CROSS-SECTIONS AS SHOWN ON THE PLANS OR AS STAKED BY THE ENGINEER.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING OR GRADING.

11. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM THE WORK.

12. CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY IN KIND THAT HAS BEEN DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION.

13. ALL HARD SURFACED PAVEMENTS IN PUBLIC AREAS MUST BE REPAIRED AT THE CLOSE OF EACH WORK DAY. THE REPAIRS CAN BE TEMPORARY WITH ASPHALT COLD MID OR PERMANENT WITH H.M.A. ASPHALT. AT A MINIMUM, PERMANENT REPAIRS MUST REPAIR THE HARD SURFACE IN KIND.

14. INSPECTIONS FOR ROAD, DRAINAGE, AND UTILITY CONSTRUCTION SHALL BE AS OUTLINED AND IN ACCORDANCE WITH THE CITY STANDARDS.

BASES

1. ALL BASES AND BALLAST MAXIMUM FRACTION PASSING THE U.S. NO. 200 SIEVE SHALL NOT EXCEED 5%.
2. BALLAST, GRAVEL BASE, AND CRUSHED SURFACING SHALL BE COMPACTED TO MIN. 95% OF MAXIMUM DRY DENSITY.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTING.
4. ALL TRENCH BACKFILL BELOW THE STREET, SIDEWALK OR DRIVEWAYS SHALL BE BANK-RUN GRAVEL.

PAVEMENTS

1. A TACK COAT OF ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF ASPHALT.
2. ALL PAVEMENT REPAIR SAW-CUT BEFORE REMOVAL. AR-4000W SHALL BE APPLIED TO ALL EDGES OF EXISTING PAVEMENT. ALL REPAIRS SHALL BE ACCORDING TO CITY STANDARDS.
3. ASPHALT CONCRETE PAVEMENT SHALL NOT BE PLACED NOR COMPACTED DURING HOURS OF DARKNESS.
4. SUBGRADE SHALL BE CERTIFIED IN WRITING BY THE GEOTECHNICAL ENGINEER PRIOR TO PAVING.
5. PAVEMENT SECTIONS SHALL BE REVIEWED BY THE OWNER AND GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION (SEE TYPICAL ROAD AND PAVEMENT SECTIONS).

UTILITIES

1. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTATION OF ALL REQUIRED AS-BUILT DATA. THIS DATA MUST ACCURATELY REFLECT THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, BOTTOM OF PIPE ELEVATIONS, INVERT ELEVATIONS, MANHOLE LOCATIONS, BLOW-OFF LOCATIONS AND INVERTS OF SERVICE CONNECTIONS. AS-BUILT DATA SHALL BE SUBMITTED TO THE ENGINEER WHO WILL PROVIDE CERTIFIED RECORD DRAWINGS TO PUBLIC WORKS UPON PROVISIONAL ACCEPTANCE OF ROAD AND UTILITY IMPROVEMENTS.
2. THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE SUBJECT TO THE FOLLOWING CRITERIA:
   A. NO MORE THAN 500 FEET OF TRENCH SHALL BE OPENED AT ONE TIME.
   B. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
   C. TRENCH DEWATERING DEVICES SHALL DISCHARGE INTO THE TEMPORARY SEDIMENT POND.
   D. WHERE PRACTICAL, INSTALL GRAVITY PIPE UTILITIES PRIOR TO INSTALLATION OF OTHER UTILITIES.

EARTHWORK

1. THE CONTRACTOR SHALL CLEAR AND GRUB ALL VEGETATED AREAS WITHIN THE CLEARING LIMITS ON SHEET C-3.
2. THE CONTRACTOR SHALL RAZE, REMOVE AND DISPOSE OF ALL BUILDING AND FOUNDATIONS, STRUCTURES, FENCES AND OTHER OBSTRUCTIONS THAT LIE WHOLLY OR PARTIALLY WITHIN THE PROJECT LIMITS.
3. THE CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING UNCOMPACTED OR POORLY COMPACTED FILL SOILS WITHIN THE PROPOSED PAVEMENT LIMITS, AT THE DIRECTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL EXCAVATE AND GRADE TO THE ALIGNMENT, GRADE AND CROSS-SECTIONS SHOWN IN THE PLANS OR ESTABLISHED BY THE ENGINEER.
5. MAXIMUM DENSITY AND OPTIMUM MOISTURE FOR GRANULAR MATERIALS WILL BE DETERMINED USING ASTM D-1557 TEST METHOD.

STORM DRAINAGE

1. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERTY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT 7-08.3(1). THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE. DRAINAGE MATERIALS SHALL CONFORM TO SEC. 9-05.
2. STORM SEWER PIPE SHALL BE CORRUGATED POLYETHYLENE PIPE (CPEP) UNLESS OTHERWISE NOTED AND SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS, SECTION 9-5.20.
3. ALL STORM SEWER PIPE SHALL HAVE A MINIMUM OF 2 FEET OF COVER.
4. ALL STORM SEWER PIPE SLOPES SHALL BE 2% OR GREATER UNLESS OTHERWISE SHOWN ON THE PLANS.

AMENDED SOIL (PER BMP T5.13)

(FOR DEVELOPED ON-SITE LANDSCAPE AREAS AROUND THE KITCHEN)

ALL LANDSCAPE AREAS SHALL USE TOPSOIL MIX WITH THE FOLLOWING CHARACTERISTICS (IN ACCORDANCE WITH BMP T5.13)

1. SOIL MIX SHALL HAVE MINIMUM ORGANIC MATTER CONTENT OF 10% BY DRY WEIGHT IN PLANTING BEDS (5% ORGANIC MATTER IN TURF AREAS, IF APPLICABLE).
2. pH BETWEEN 6.0 AND 8.0 OR A pH MATCHING THE PH OF THE UNDISTURBED SOIL.
3. TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF 8 INCHES EXCEPT WHERE THE TREE ROOTS LIMIT THE DEPTH OF THE INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA.
4. SUBSOILS BELOW THE TOPSOIL LAYER SHALL BE SCARIFIED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
5. MULCH PLANTING BEDS WITH 2 INCHES OF ORGANIC MATERIAL
6. USE COMPOST AND OTHER MATERIALS THAT MEET THE FOLLOWING ORGANIC CONTENT REQUIREMENTS:
   A. ORGANIC CONTENT FOR PRE-APPROVED AMENDMENT RATES CAN BE MET ONLY USING COMPOST THAT MEETS THE DEFINITION OF "COMPOSTED MATERIALS" IN WAC 173-350-100. THE COMPOST MUST ALSO HAVE AN ORGANIC MATERIAL CONTENT OF 40%-65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1.
   B. CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIALS MEETING (A) ABOVE; OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATION REQUIREMENTS AND MEETING THE CONTAINMENT STANDARDS OF GRADE A COMPOST.

EROSION/SEDIMENTATION CONTROL

1. THE IMPLEMENTATION OF THE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
2. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
3. THE TESC FACILITIES SHOWN ON THE PLANS MUST BE CONSTRUCTED PRIOR TO ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER QUALITY STANDARDS.
4. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS.
5. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
6. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESC METHODS (E.G., SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).
7. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.
8. AT NO TIME SHALL MORE THAN 6 INCHES OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
9. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
10. FROM APRIL 1 TO SEPTEMBER 30, SOIL SHALL BE EXPOSED FOR A MAXIMUM OF 7 DAYS. GROUND COVER BMPS SHALL BE USED TO STABILIZE THE SOIL. FOR AREAS THAT ARE AT FINISHED GRADE, THE GROUND WILL BE HYDROSEEDED WITH PERENNIAL GROUND COVER GRASS AND IMMEDIATELY COVERED WITH STRAW OR OTHER APPROVED MULCHING.
11. DURING THE TIME PERIOD OF OCTOBER 1 THROUGH MARCH 31, ALL PROJECT DISTURBED AREAS GREATER THAN 5,000 SQUARE FEET THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 2 DAYS, SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING OR PLASTIC COVERING.
12. PUBLIC RIGHTS OF WAY SHALL BE KEPT IN A CLEAN AND SERVICEABLE MANNER AT ALL TIMES. IN THE EVENT MATERIAL ARE INADVERTENTLY DEPOSITED ON ROADWAYS, THE MATERIAL SHALL BE PROMPTLY REMOVED. MATERIALS ARE TO BE SWEPT AND REMOVED PRIOR TO ANY FLUSHING. PUBLIC AND PRIVATE DRAINAGE WAYS SHALL BE PROTECTED FROM POLLUTION.
13. SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS, EXCEPT WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE. SILT FENCING SHALL BE INSTALLED AROUND ACTIVE SOIL STOCKPILES.
14. INLETS OF THE PERMANENT DRAINAGE SYSTEM SHALL BE PROTECTED FROM SEDIMENT INFLUX BY USE OF FILTER FABRIC, ROCK CHECK DAMS, AND SIMILAR FILTERING MATERIALS AND METHODS.
15. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPLIED AT A MINIMUM 80# PER ACRE. THIS IS TO INCLUDE THE FOLLOWING: 20% ANNUAL, PERENNIAL OR HYBRID RYE GRASS, 40% CREEPING RED FESCUE, 40% WHITE CLOVER, OR AS OTHERWISE APPROVED BY THE CITY. HYDROSEED REQUIRED.
16. FERTILIZER SHALL BE APPLIED AT 400# PER ACRE OF 10-20-20 (10 POUNDS PER 11,000 SQUARE FEET) OR EQUIVALENT. DEVELOPMENTS ADJACENT TO WATER BODIES SHALL USE NON-PHOSPHORUS FERTILIZER.
17. FOR AREAS OVER 2:1 SLOPE THAT ARE NOT AT FINISHED GRADE, THE GROUND WILL BE COVERED BY CLEAR PLASTIC SHEETING (6 MIL). THE SHEETING WILL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SAND BAGS OR TIRES ON ROPES AS REQUIRED.

WATER

1. CONSTRUCTING WATER MAINS 16 INCHES IN DIAMETER AND SMALLER MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DEVELOPED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION SPECIFICALLY SECTION 7-09 WATER MAINS. ANY DEVIATION FROM THESE STANDARD SPECIFICATION WILL BE CLEARLY NOTED IN THESE STANDARDS.
2. WATER MAIN PIPE MATERIAL MUST BE EITHER DUCTILE IRON CLASS 52 OR C900 PVC PRESSURE CLASS DR18 MINIMUM.
3. FOUNDATION MATERIAL MUST BE CLASS A: PER WSDOT STANDARD SPECIFICATIONS.
4. COMPACTION REQUIREMENTS: 95% PER ASTM D1557
5. TRACE WIRE INFORMATION: ALL TRACE WIRE TO BE 12 GAUGE STRANDED COPPER WIRE WITH BLUE PE INSULATION ON ALL WATER LINES & WITH UNDERGROUND SPLICE KITS ACCEPTABLE TO THE CITY.
6. METER PLACEMENT: METER SHALL BE INSTALLED IN A NON VEHICULAR TRAFFIC AREA SATISFACTORY TO THE CITY. IF THE METER MUST BE PLACED IN A VEHICULAR TRAFFIC AREA, THEN A H20 RATED LID MUST BE PROVIDED.
7. "OR EQUAL" MATERIALS ARE SUBJECT TO CITY APPROVAL.
8. ALL PIPES MUST BE NSF 61 COMPLIANT, ALL JOINTS AND FITTINGS MUST BE NSF 61 & 372 COMPLIANT.
9. ALL NEW CONNECTION 2" AND LARGER MUST HAVE A SHUTOFF VALVE; SEE FIGURE 5-04 FOR PLACEMENT.
10. ALL NEW WATER LINES MUST BE DISINFECTED PER ANSI/AWWA C651, INCLUDING BUT NOT LIMITED TO FIRE HYDRANT EXTENSIONS. SEE FIGURE 5-01.
11. ALL LINES MUST BE FLUSHED AFTER DISINFECTING PROCESS COMPLETE, AND A BACTERIOLOGICAL SAMPLE WILL BE COLLECTED BY THE CITY. SEE FIGURE 5-01.
12. ALL NEW LINES MUST BE PRESSURE TESTED. SEE FIGURE 5-01.
13. ONLY CITY REPRESENTATIVES ARE ALLOWED TO OPERATE EXISTING AND NEW TIE IN VALVES.
14. ALL TESTS MUST BE COMPLETED BEFORE CONNECTING TO THE EXISTING WATER MAIN, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
15. ALL VALVES LARGER THAN 2 INCHES SHALL BE RESILIENT SEAT GATE VALVES.
16. NO SERVICE CONNECTIONS SHALL BE MADE TO FIRE HYDRANT LINES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TESTING INFORMATION

GENERAL NOTES:

1. ALL TESTING MUST BE COMPLETED AND APPROVED BEFORE ANY CONNECTION TO THE WATER MAIN OCCURS, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. THE ONLY EXCEPTION TO THE PREVIOUS STATEMENT IS WHEN THE DISTANCE FROM THE EXISTING PIPE TO THE NEW VALVE IS 20 FEET OR LESS.
2. ALL TESTS SHALL BE COMPLETED WITH A CITY REPRESENTATIVE ONSITE.
3. ALL EQUIPMENT NEEDED IN ORDER TO COMPLETE THE TESTS SHALL BE FURNISHED AND OPERATED BY THE CONTRACTOR.
4. PRESSURE TESTING SHALL BE LIMITED TO 1000-1500 FEET OF CONTINUOUS PIPE OR BETWEEN VALVES WHICHEVER IS A SHORTER DISTANCE. THE FIRST 1000 FEET OF PIPE MUST BE SUCCESSFULLY TESTED BEFORE ANY ADDITIONAL PIPE MAY BE PLACED.
5. ALL GAUGES AND METERS SHALL BE APPROVED BY THE CITY REPRESENTATIVE.
6. ALL MATERIALS SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS OR PER CITY ENGINEER APPROVAL.

DISINFECTION: CHLORINE SHALL BE APPLIED IN ONE OF THE FOLLOWING MANNERS, LISTED IN ORDER OF PREFERENCE, TO SECURE A CONCENTRATION IN THE PIPE OF AT LEAST 50 MG/L.

1. INJECTION OF CHLORINE-WATER MIXTURE FROM CHLORINATING APPARATUS THROUGH CORPORATION COCK AT BEGINNING OF SECTION AFTER PIPE HAS BEEN FILLED, AND WITH WATER EXHAUSTING AT END OF SECTION AT A RATE CONTROLLED TO PRODUCE THE DESIRED CHLORINE CONCENTRATION;
2. INJECTION SIMILARLY OF A HYPOCHLORITE SOLUTION;
3. PLACEMENT OF DRY CALCIUM HYPOCHLORITE THROUGHOUT PIPELINE, AS CONSTRUCTED, IN PROPER QUANTITIES TO PRODUCE THE DESIRED DOSAGE. FILLING OF PIPELINE WITH THIS METHOD SHOULD BE AT A VERY SLOW RATE. PIPELINE SHOULD BE FILLED WITHIN 2 DAYS OF PLACING STERILIZING AGENT
4. AFTER THE DESIRED CHLORINE CONCENTRATION HAS BEEN OBTAINED THROUGHOUT THE SECTION OF LINE, THE WATER IN THE LINE SHALL BE FILLED BY THE CITY AT THE REQUEST OF THE DEVELOPER AND LEFT STANDING FOR A PERIOD OF NO LESS THAN 24 HOURS.

PRESSURE TESTING/LEAKAGE TEST: PRESSURE TESTS SHALL BE COMPLETED IN CONJUNCTION WITH THE LEAKAGE TEST. ALL THRUST BLOCKS AND ANCHORS SHALL BE IN PLACE AND THE PIPE SHALL BE SECURED OR BURIED, BUT ALL CONNECTIONS MUST BE LEFT UNCOVERED FOR OBSERVATION. THE SYSTEM WILL THEN BE PUMPED UP TO 225 PSI FOR A TIME OF 30 MINUTES (ONCE IT REACHES PRESSURE). IF THERE IS AN ABRUPT DROP IN PRESSURE OR ANY VISIBLE LEAKS DISCOVERED IN THE 30 MINUTE PERIOD THE TEST WILL BE STOPPED AND THE ISSUE WILL BE RESOLVED. UPON COMPLETION OF THE 30 MINUTE PERIOD IF THERE ARE NO ABRUPT DROPS IN PRESSURE OR VISIBLE LEAKS, THE WATER LINE WILL BE PUMPED BACK UP TO 225 PSI THROUGH A POSITIVE DISPLACEMENT WATER METER. THE LEAKAGE TEST WILL BE DETERMINED BY THE AMOUNT OF WATER THAT IS REQUIRED TO PUMP THE WATER LINE BACK TO PRESSURE. THE AMOUNT OF WATER THAT LEAKED IN THE 30 MINUTE TIME FRAME MAY NOT EXCEED THE VALUE SPECIFIED IN THE TABLE BELOW. IF THE AMOUNT OF LEAKAGE EXCEEDS THE ALLOWABLE LEAKAGE, THE LEAK MUST BE LOCATED AND FIXED BEFORE A FOLLOW-UP TEST CAN BE COMPLETED.

ALLOWABLE LEAKAGE TABLE		L=(SD√P)/266400
PIPE DIAM. (IN.)	GAL. PER 0.5 HOUR PER 100 FT@ 225 PSI	WHERE:
2	0.0056	L = ALLOWABLE LEAKAGE, GALLONS/HOUR
4	0.0113	D = NOMINAL DIAMETER OF
6	0.0169	THE PIPE IN INCHES
8	0.0225	P = TEST PRESSURE DURING
10	0.0282	THE LEAKAGE TEST (PSI)
12	0.0338	S = GROSS LENGTH OF
15	0.0422	PIPE TESTED, FEET
18	0.0507	

NOTE: EQUATION IS GAL/HOUR, DIVIDE BY 2 TO GET GAL/ HALF HOUR
MULTIPLY BY 10 TO GET PER 1000 FT DATA

DECHLORINATING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF DISINFECTING SOLUTION TO THE SATISFACTION OF THE CONTRACTING AGENCY AND LOCAL AUTHORITIES. AT A MINIMUM, CHLORINATED WATER SHALL BE DECHLORINATED TO A CONCENTRATION OF 0.1 PARTS PER MILLION (ppm) OR LESS, AND PH ADJUSTMENT TO WITHIN 6.5-8.5 STANDARD UNITS BEFORE DISCHARGING TO SURFACE WATERS OF THE STATE OR TO A STORM SEWER SYSTEM THAT DRAINS TO SURFACE WATERS OF THE STATE.

FLUSHING:. THE WATER MAINS SHALL BE FLUSHED AT A RATE TO PROVIDE A MINIMUM VELOCITY OF 2.5 FEET PER SECOND IN THE MAIN. ANY PERMANENT OR TEMPORARY TAP REQUIRED FOR RELEASE OF AIR, CHLORINATION, OR FLUSHING PURPOSES SHALL BE PROVIDED BY THE DEVELOPER.

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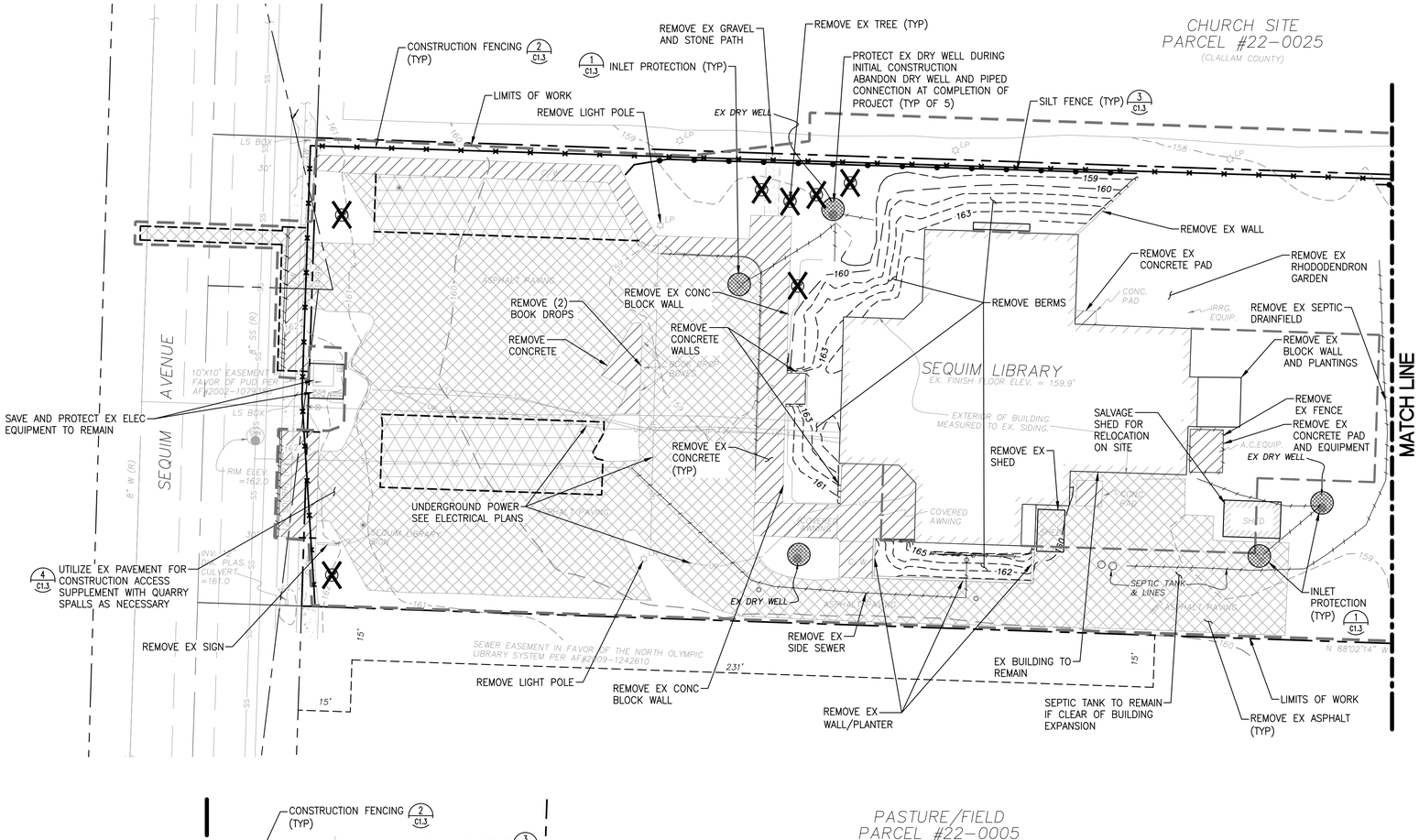
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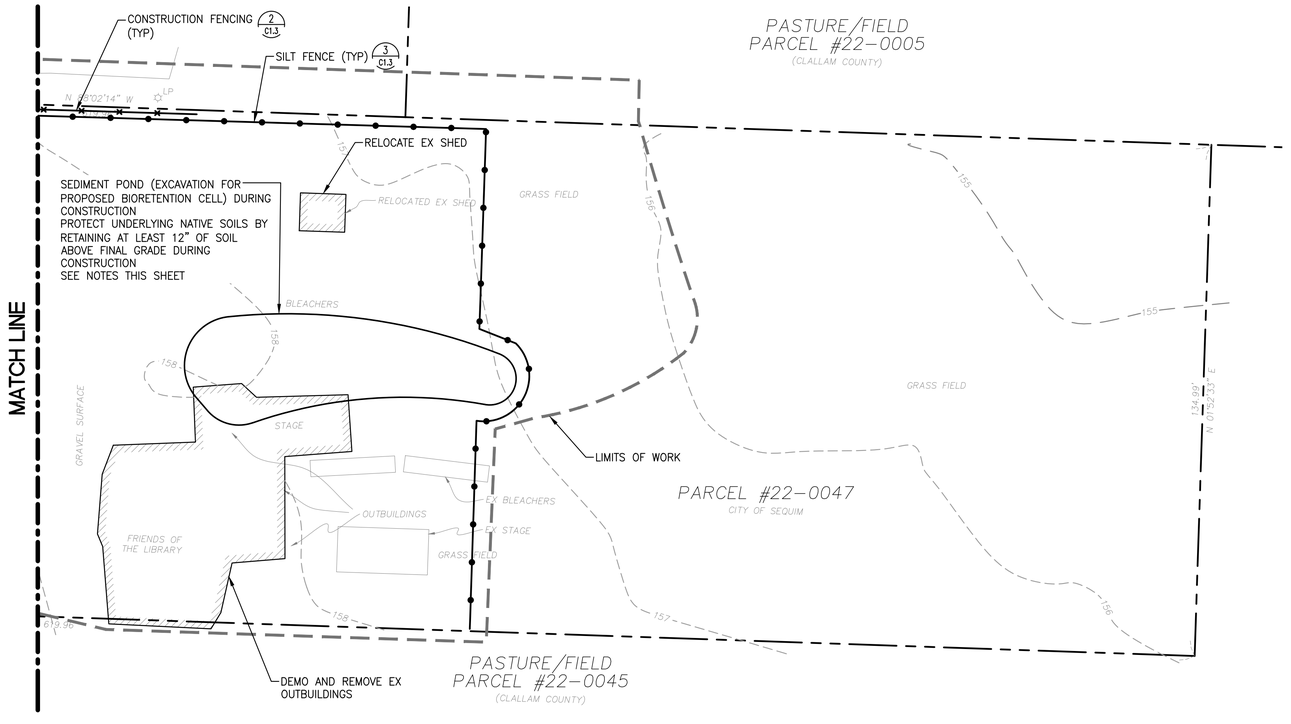
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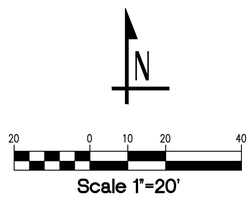
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NOTES AND SPECIFICATIONS

C1.1







LEGEND

- PROPERTY LINE
- EX CONTOUR (INDEX)
- EX CONTOUR
- EX BUILDING
- BUILDING/STRUCTURE REMOVAL
- PROPOSED BUILDING OUTLINE
- SAWCUT LINE
- ASPHALT REMOVAL
- GRIND & OVERLAY LIGHT DUTY ASPHALT PAVEMENT
- CONCRETE REMOVAL
- CONSTRUCTION FENCING
- SILT FENCE
- EX TREE TO REMAIN
- EX TREE TO BE REMOVED
- TREE PROTECTION
- EX CURB TO BE REMOVED
- EX UTILITY TO BE REMOVED
- INLET PROTECTION
- LIMITS OF WORK

DEMOLITION NOTES

1. FLAG CLEARING LIMITS, ESTABLISH EROSION CONTROL MEASURES PER NOTES.
2. MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE PROJECT.
3. EXCAVATE BIO INFILTRATION CELL AS DIRECTED ON TESC PLAN.
4. RETAIN PAVEMENT AS LONG AS POSSIBLE DURING CONSTRUCTION FOR EROSION CONTROL.
5. REMOVE BUILDINGS AND FOOTINGS PER ARCHITECTURAL/STRUCTURAL PLANS
6. EXCAVATE AND REMOVE UNDERGROUND UTILITIES. COORDINATE WITH CITY OF SEQUIM PRIOR TO DISCONNECTION.
7. GRADE AND CONSTRUCT IMPROVEMENTS PER PLAN.
8. REMOVE EXISTING PAVEMENT AND INSTALL NEW PAVEMENT.
9. INSTALL LANDSCAPING AND GROUND COVER.
10. COMPLETE EXCAVATION AND BACKFILL OF BIO–INFILTRATION CELL.
11. CLEANUP AND CLOSE OUT PER SPECIFICATIONS.

SEDIMENT SETTLING REQUIREMENTS
TOTAL SURFACE AREA: 756 SF
TOTAL VOLUME: 1,397 CF (10,447 GALLONS)

BIORETENTION EXCAVATION CAN BE USED FOR SEDIMENT SETTLING PROVIDED THAT THE BOTTOM AREA IS LEFT A MINIMUM OF 1 FOOT ABOVE THE FINISHED GRADE ELEVATION OF THE BIORETENTION AND ALL SEDIMENT IS REMOVED PRIOR TO PLACEMENT OF BIORETENTION AGGREGATE SOIL. CONTRACTOR SHALL PROVIDE BAKER TANKS IF NEEDED FOR ADDITIONAL STORAGE. EXCAVATIONS FOR SEDIMENT SETTLING SHALL NOT INTERFERE WITH EXISTING SCHOOL OPERATION OR PARKING. INFILTRATION TRENCHES SHALL NOT BE USED FOR ANY SEDIMENT SETTLING ACTIVITY.

BIORETENTION AREA PROTECTION NOTES:

- CONTRACTOR TO STAKE LIMIT OF BIORETENTION AREAS AT THE START OF CONSTRUCTION AND PROTECT FROM CONSTRUCTION VEHICLE TRAFFIC.
- DO NOT EXCAVATE BIORETENTION AREAS TO SUB–GRADE UNTIL JUST PRIOR TO INSTALLATION OF BIORETENTION SOIL AND PLANTING. GEOTECHNICAL ENGINEER TO REVIEW BIORETENTION SUBGRADE AND CONFIRM INFILTRATION RATE MIN 30 IN/HR. PRIOR TO INSTALLATION OF SOIL AND PLANTING.
- DO NOT ALLOW CONSTRUCTION STORMWATER RUNOFF TO ENTER FULLY EXCAVATED BIORETENTION AREAS OR INFILTRATION TRENCHES.

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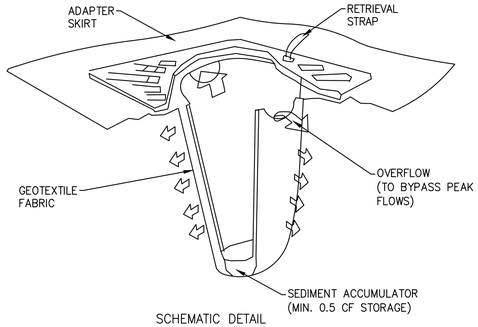
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TESC & DEMOLITION

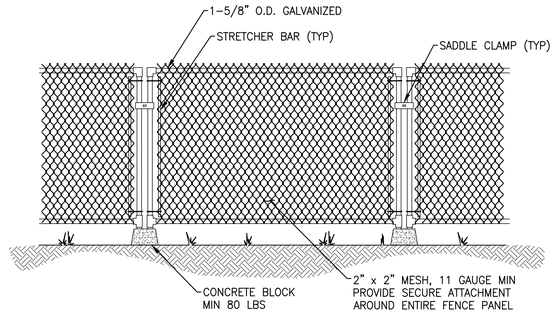
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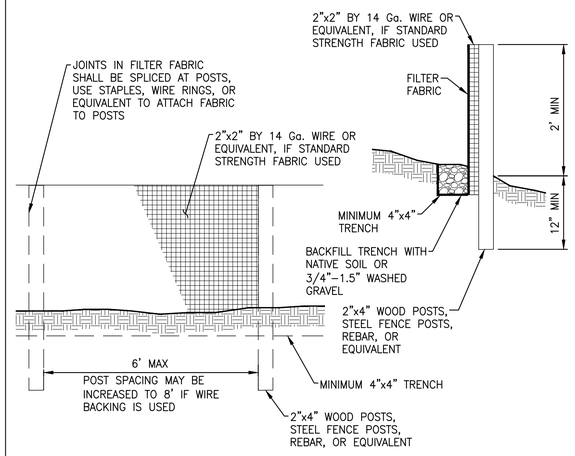
SCHEMATIC DETAIL

PROVIDE "ULTRA-DRAIN GUARD INLET FILTER" OR APPROVED EQUAL
MANUFACTURE NAME: ACF ENVIRONMENTAL

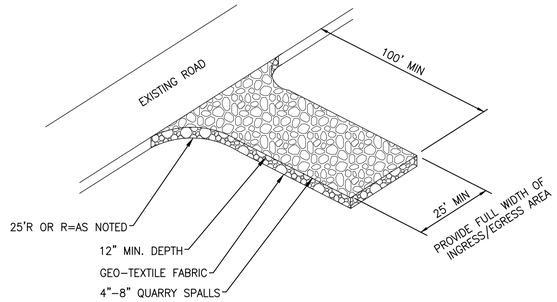
NTS
INLET PROTECTION 1



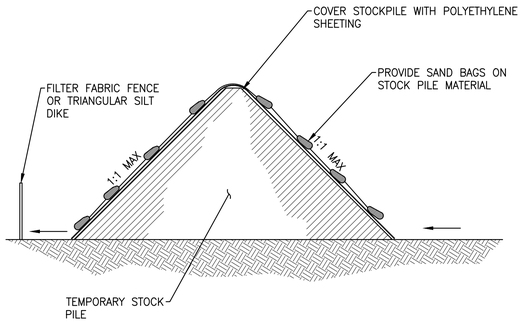
NTS
CONSTRUCTION FENCING 2



NTS
SILT FENCE 3



NTS
CONSTRUCTION ENTRANCE 4



NOTES:
COMPACT STOCK PILE MATERIAL PER GEOTECHNICAL RECOMENDATIONS

NTS
STOCK PILE 5

NTS
NOT USED 6

NTS
NOT USED 7

NTS
NOT USED 8

NTS
NOT USED 9

NTS
NOT USED 10

NTS
NOT USED 11

NTS
NOT USED 12

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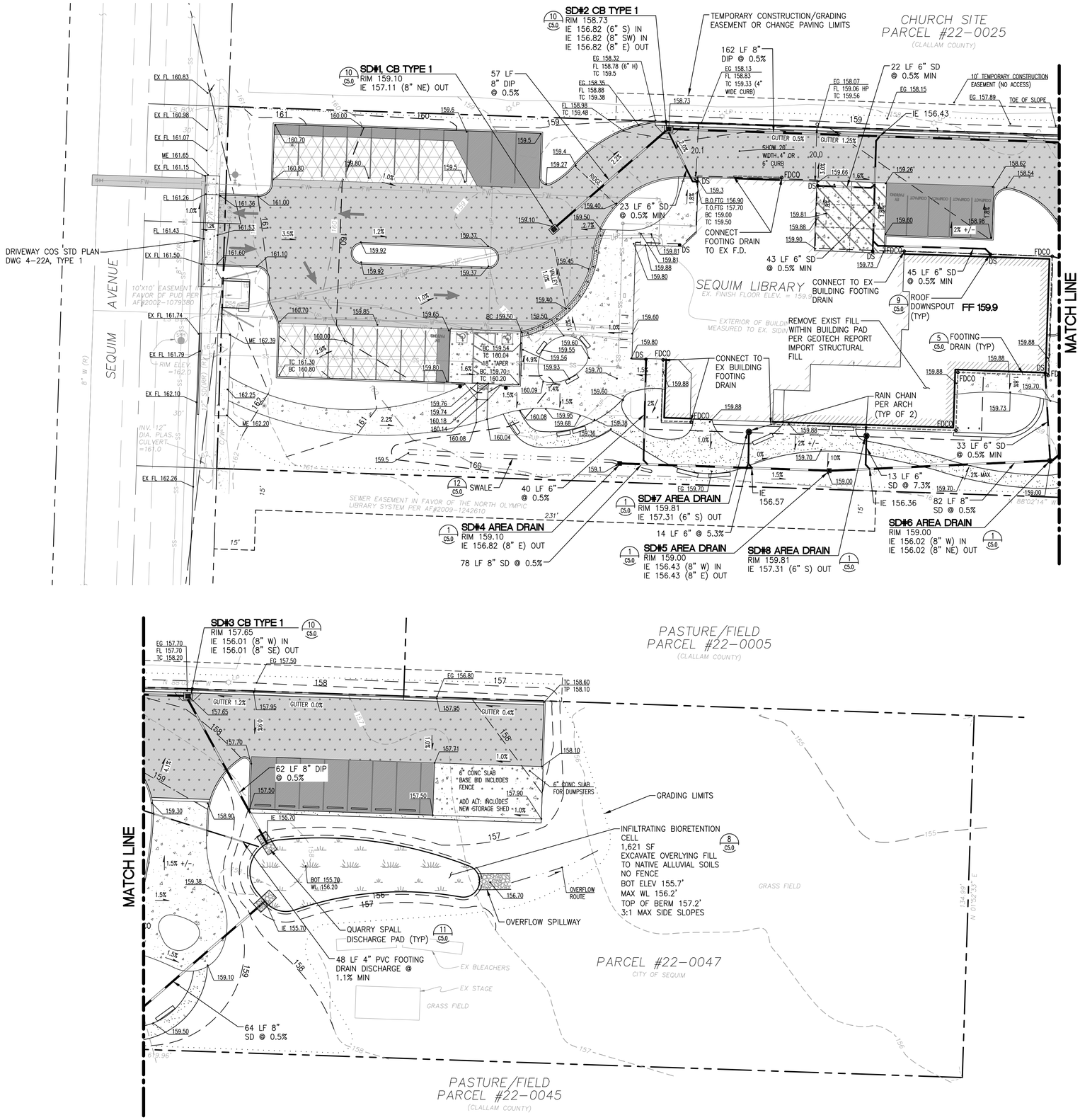
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TESC DETAILS

C1.3



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N

20 0 10 20 40

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LEGEND

- PROPERTY LINE
- 230 EX CONTOUR (INDEX)
- 231 EX CONTOUR
- 230 PROPOSED CONTOUR (INDEX)
- 231 PROPOSED CONTOUR
- XXX.X SPOT ELEVATION
- FF 78.0 FINISHED FLOOR ELEVATION
- EX BUILDING
- PROPOSED BUILDING
- CONCRETE PAVING PER LANDSCAPE
- CONCRETE PAVEMENT
- TACTILE WARNING STRIP
- LIGHT DUTY ASPHALT (AC) PAVEMENT
- HEAVY DUTY ASPHALT (AC) PAVEMENT
- GRIND & OVERLAY LIGHT DUTY ASPHALT PAVEMENT
- GRAVEL SURFACING PER LANDSCAPE
- VERTICAL CURB
- BIORETENTION CELL
- QUARRY SPALL DISCHARGE PAD
- AREA DRAIN
- CATCH BASIN TYPE 1
- STORM DRAINAGE PIPE
- FDCO FOOTING DRAIN CLEANOUT
- DS DOWNSPOUTS
- FOOTING/SUBSURFACE DRAIN
- FIRE HYDRANT
- WATER FITTINGS
- WATER SERVICE LINES
- WATER METER
- WATER SERVICE LINES
- FIRE SERVICE LINE
- FIRE SERVICE VAULT
- FIRE SERVICE CONNECTION
- SS SEWER LINES
- SEWER CLEANOUT
- RIDGE RIDGE LINE
- GRADING LIMITS

EARTHWORK
CUT: 1,150 CY
FILL: 1,500 CY
QUANTITIES PROVIDED FOR PERMIT ONLY, AND SHALL NOT BE USED FOR BIDDING.

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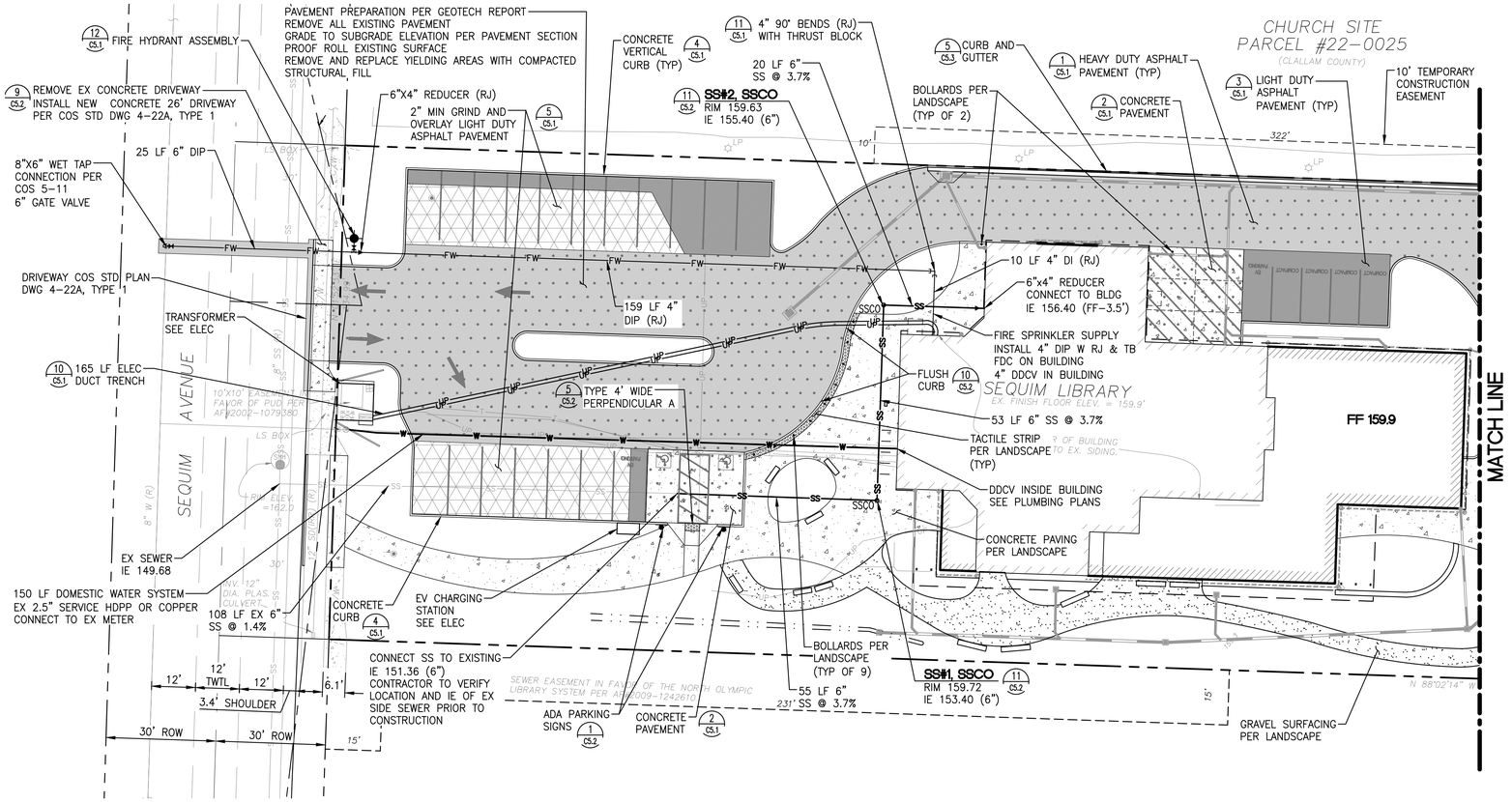
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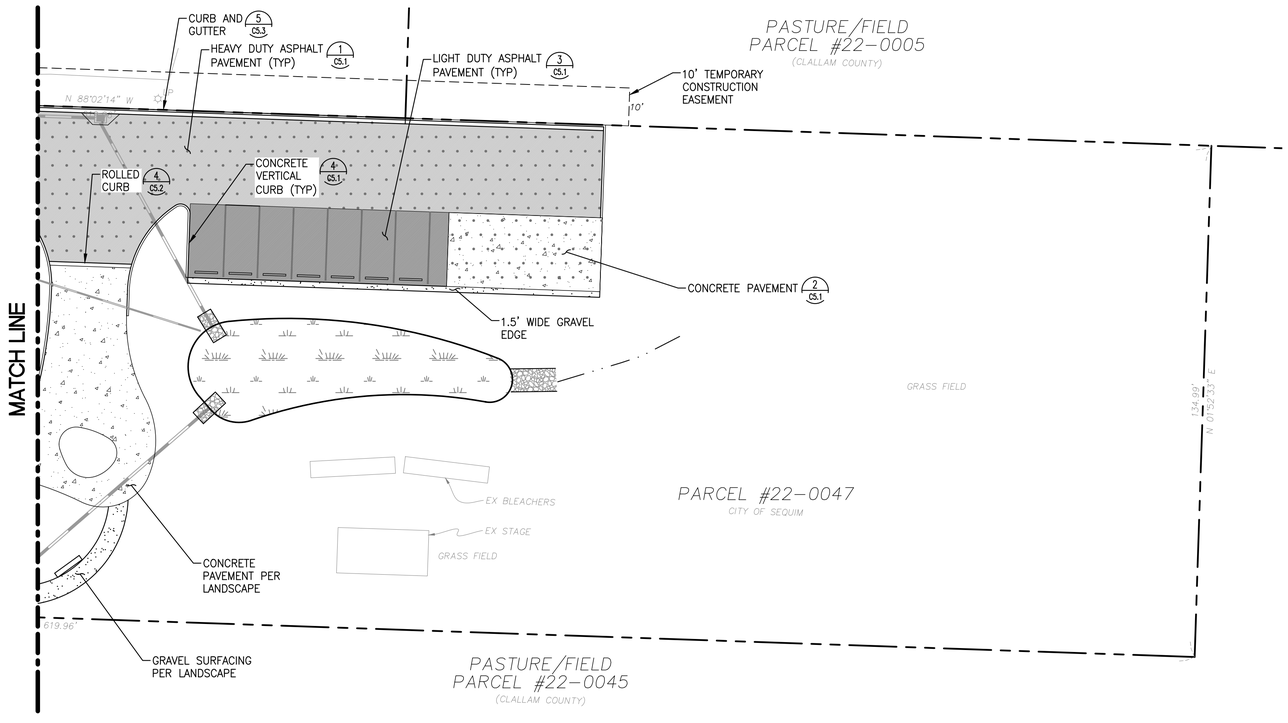
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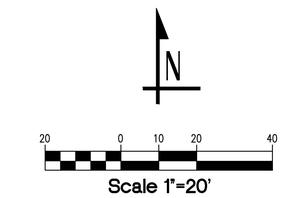
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GRADING & DRAINAGE

C2.0







LEGEND

- PROPERTY LINE
- FF 78.0 FINISHED FLOOR ELEVATION
- EX BUILDING
- PROPOSED BUILDING
- CONCRETE PAVING PER LANDSCAPE
- CONCRETE PAVEMENT
- TACTILE WARNING STRIP
- LIGHT DUTY ASPHALT (AC) PAVEMENT
- HEAVY DUTY ASPHALT (AC) PAVEMENT
- GRIND & OVERLAY LIGHT DUTY ASPHALT PAVEMENT
- GRAVEL SURFACING PER LANDSCAPE
- VERTICAL CURB
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- QUARRY SPALL DISCHARGE PAD
- AREA DRAIN
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- DOWNSPOUTS
- FOOTING/SUBSURFACE DRAIN
- FIRE HYDRANT
- WATER FITTINGS
- WATER SERVICE LINES
- WATER METER
- WATER SERVICE LINES
- FIRE SERVICE LINE
- FIRE SERVICE VAULT
- FIRE SERVICE CONNECTION
- SSCO SS SEWER LINES
- SEWER CLEANOUT

SEWER NOTE:

1. POTHOLE AND CONFIRM DEPTH OF SEWER CONNECTION POINT PRIOR TO INSTALLING SEWER.

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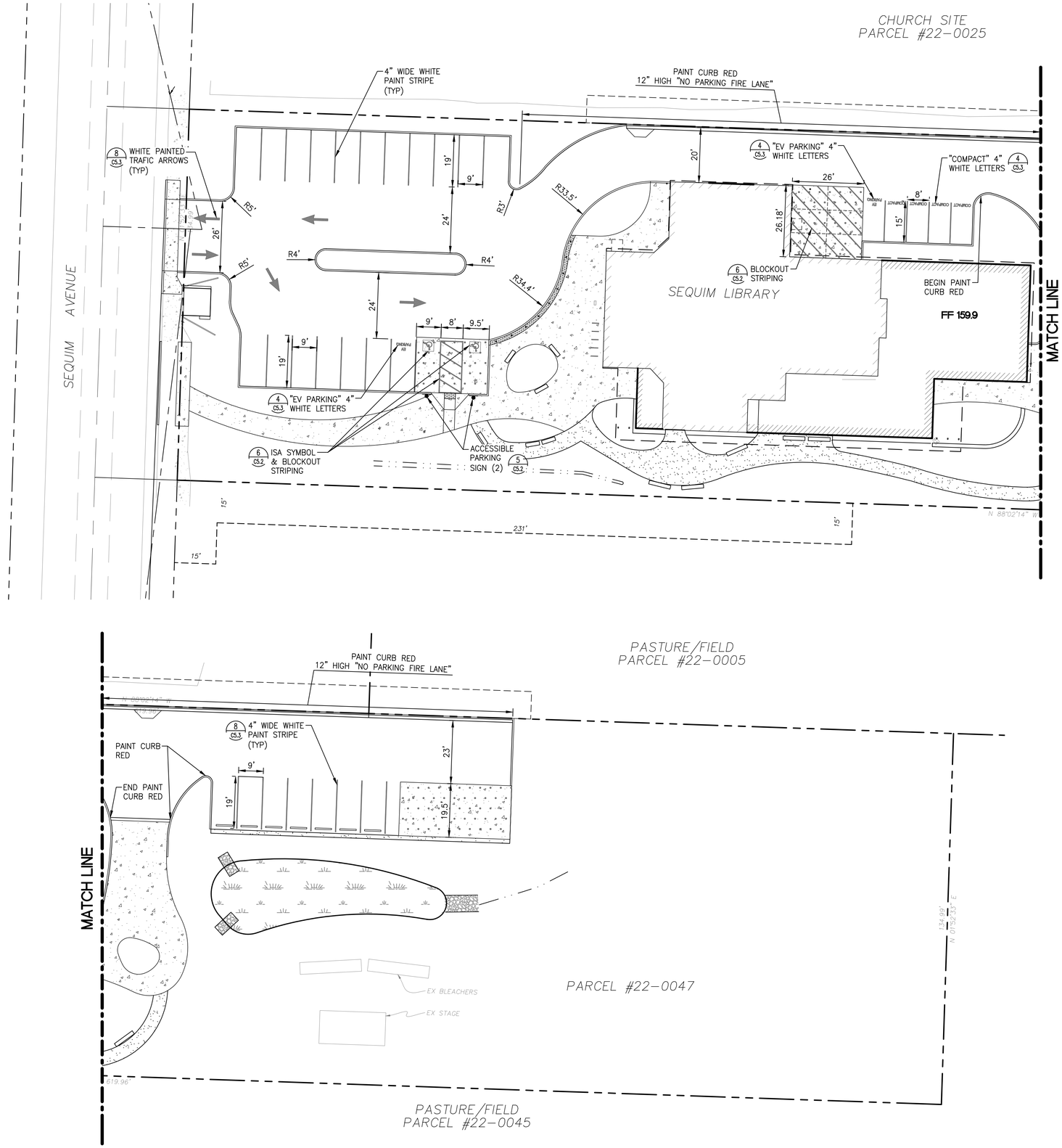
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UTILITY & PAVING

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Scale 1"=20'

LEGEND

- PROPERTY LINE
- FF 78.0 FINISHED FLOOR ELEVATION
- EX BUILDING
- PROPOSED BUILDING
- CONCRETE PAVING PER LANDSCAPE
- CONCRETE PAVEMENT
- TACTILE WARNING STRIP
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- VERTICAL CURB
- BIORETENTION CELL

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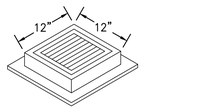
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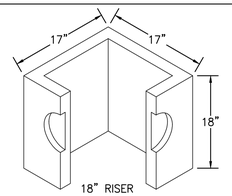
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STRIPING AND CHANNELIZATION

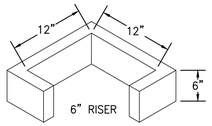
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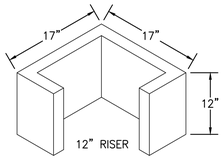
12" X 12" FRAME AND GRATE (SATHER MANUFACTURING 1212 FRAME AND GRATE OR APPROVED EQUAL)



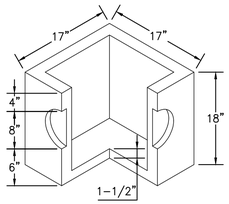
18" RISER



6" RISER



12" RISER

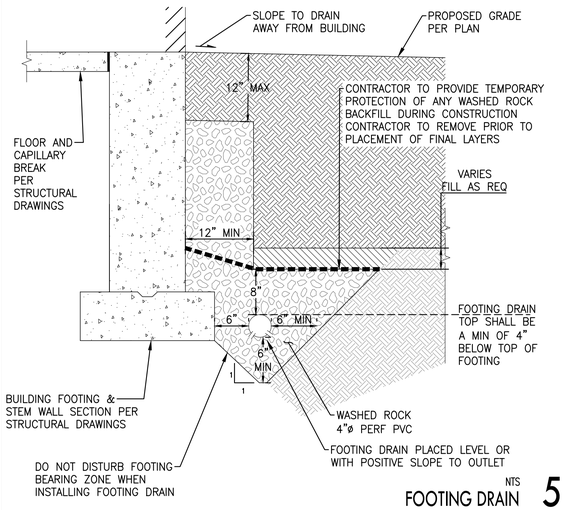


18" JUNCTION BOX

GRATES IN WALKWAYS, PLAZAS AND PEDESTRIAN AREAS MUST BE A.D.A. COMPLIANT
SEE WSDOT STD PLAN B–30.15–00.

17" X 17" AREA DRAIN BY CUZ CONCRETE PRODUCTS OR EQUAL

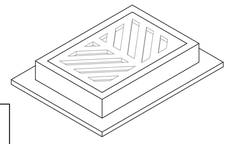
NTS
AREA DRAIN 1



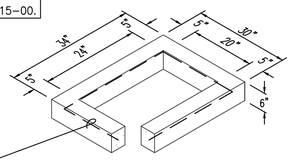
NTS
FOOTING DRAIN 5

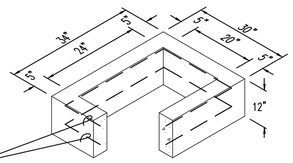
NTS
ROOF DOWNSPOUT 9

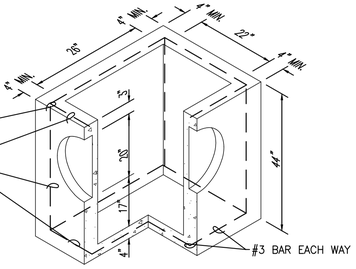
FRAME AND GRATE SEE APPLICABLE DWGS.



GRATES IN WALKWAYS, PLAZAS AND PEDESTRIAN AREAS MUST BE A.D.A. COMPLIANT
SEE WSDOT STD PLAN B–30.15–00.



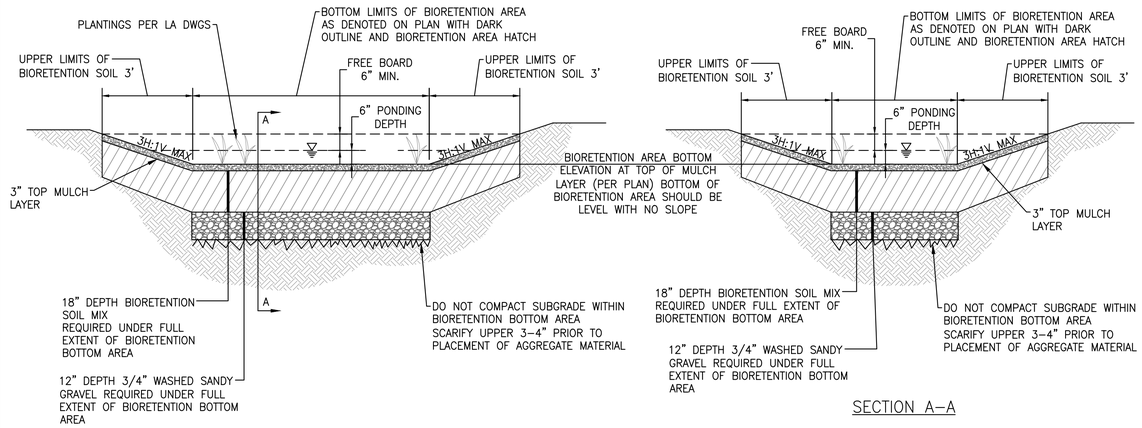




NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO M 199) & C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST–IN–PLACE CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX. DIA. OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
6. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIA. PLUS CATCH BASIN WALL THICKNESS.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'–0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR–F–621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON–ROCKING FIT WITH ANY COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT STD PLAN B–5.60–01.
12. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.
13. CATCH BASIN INSTALLATION SHALL BE PER CONTRACT DOCUMENTS AND DETAILS.

NTS
CATCH BASIN TYPE 1 10

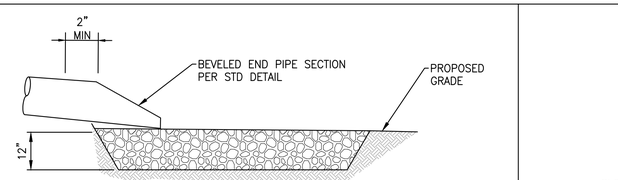


SECTION A–A

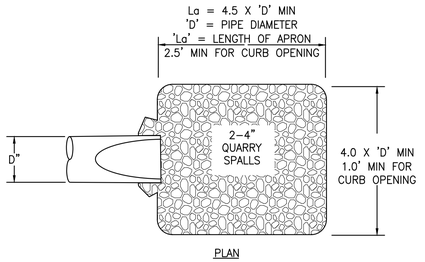
CONSTRUCTION SEQUENCE FOR BIORETENTION AREA

1. INSTALL TEMPORARY SEDIMENT CONTROL BMPS AS SHOWN ON PLAN.
2. COMPLETE SITE GRADING. PROVIDE PROTECTION SO THAT DRAINAGE IS PROHIBITED FROM ENTERING BIORETENTION CONSTRUCTION AREA.
3. SITE STABILIZATION TO BE COMPLETE PRIOR TO INSTALLATION OF BIORETENTION AREA. BIORETENTION AREAS THAT WERE USED AS TEMPORARY SEDIMENT TRAPS SHOULD BE EXCAVATED 6 INCHES BELOW THE BOTTOM OF THE SEDIMENT TRAP PRIOR TO CONSTRUCTION OF BIORETENTION AREA.
4. EXCAVATE BIORETENTION AREA TO PROPOSED DEPTH AND SCARIFY THE TOP 3"–4" OF EXISTING SOIL SURFACES. DO NOT COMPACT NATIVE SUBGRADE.
5. AFTER EXCAVATION, CONTRACTOR SHALL COORDINATE WITH GEOTECHNICAL ENGINEER, WHO SHALL VERIFY SUBGRADE INFILTRATION RATES USING FALLING HEAD PERCOLATION TEST METHOD, AS DESCRIBED IN APPENDIX III–A OF THE 2021 PIERCE COUNTY SWSDM. REPORT FINDINGS TO ENGINEER OF RECORD AND COUNTY INSPECTOR. THE SITE SOILS WERE FOUND TO BE HIGHLY INFILTRATIVE, BUT THE HIGHEST FIELD INFILTRATION RATE RECOGNIZED BY PIERCE COUNTY IS 60 INCHES PER HOUR. AFTER APPLYING THE APPROPRIATE CORRECTION FACTORS TO THE TESTING RESULTS, THE DESIGN INFILTRATION RATE USED IS 30 INCHES PER HOUR.
6. INSTALL PVC SLOTTED UNDERDRAIN PIPE PER PLAN.
7. BACKFILL BIORETENTION AREA WITH BIORETENTION SOIL MIX AND AGGREGATE MATERIAL. OVERFILLING IS RECOMMENDED TO ACCOUNT FOR SETTLEMENT. LIGHT HAND TAMPING IS ACCEPTABLE IF NECESSARY.
8. BIORETENTION SOIL MIX SHALL CONSIST OF THE FOLLOWING:
   - AGGREGATE TO COMPOST RATIO: 60% MINERAL AGGREGATE (WITH LESS THAN 5% FINES), 40% COMPOST (MEET REQUIREMENTS IN WAC 173–350–220)
   - TOTAL BIORETENTION SOIL MIX ORGANIC CONTENT SHALL BE 4–8% (BY DRY WEIGHT)
   - BIORETENTION SOIL DEPTH SHALL BE A MINIMUM OF 18–INCHES
   - SEE PLANTING SPECIFICATIONS SECTION 32 9000 FOR ADDITIONAL BIORETENTION SOIL REQUIREMENTS
9. PRESOAK THE PLANTING SOIL PRIOR TO PLANTING VEGETATION TO AID IN SETTLEMENT.
10. COMPLETE FINAL GRADING TO ACHIEVE PROPOSED DESIGN ELEVATIONS. LEAVE SPACE FOR UPPER LAYER OF MULCH AS SPECIFIED ON PLANS.
11. PLANT VEGETATION ACCORDING TO PLANTING PLAN.
12. MULCH AND INSTALL EROSION PROTECTION AT SURFACE FLOW ENTRANCES WHERE NECESSARY UNTIL ENTIRE SITE IS STABILIZED. MULCH MUST BE WOOD CHIPS CONSISTING OF SHREDDED OR CHIPPED HARDWOOD. MULCH SHOULD NOT CONTAIN WEED SEEDS, GRASS CLIPPINGS, AND LARGE CHUNKS OF BARK.
13. CONTRACTOR IS RESPONSIBLE FOR KEEPING BIORETENTION SOIL SEDIMENT FREE AFTER INSTALLATION AND UPON COMPETITION OF CONSTRUCTION, AND ANY SEDIMENT CONTAMINATED BIORETENTION SOIL SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
14. POST–CONSTRUCTION, BIORETENTION SOIL MIX SHALL BE TESTED PER SECTION 3.4.7, VOLUME III OF PIERCE COUNTY STORMWATER AND SITE DEVELOPMENT MANUAL.

NTS
INFILTRATING BIORETENTION CELL 8

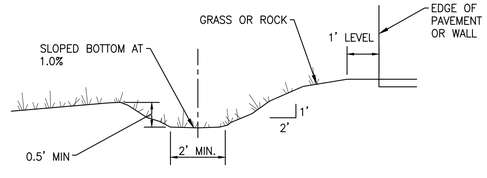


SECTION



PLAN

NTS
QUARRY SPALL DISCHARGE PAD 11



NOTES:

POSITIVE DRAINAGE TO CB OUTLET (SD#4)

NTS
SWALE 12

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Scale:	As indicated

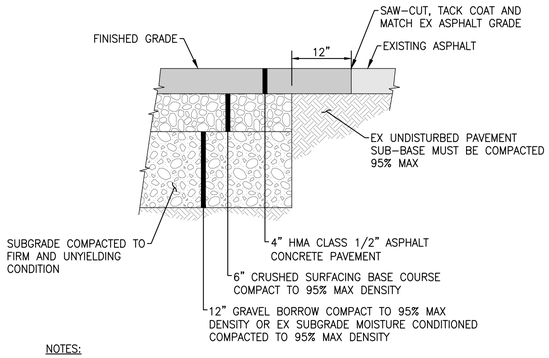
Revisions:

No.	Date	Remarks

PERMIT DOCUMENTS

DRAINAGE DETAILS

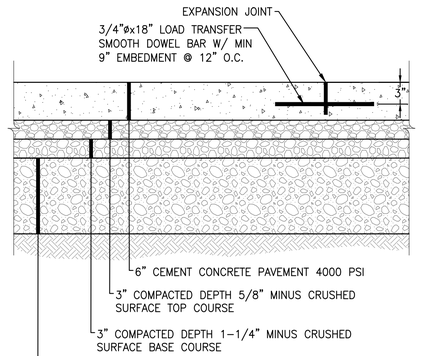
C5.0



NOTES:

1. IF EX PAVEMENT SECTION IS THICKER, MATCH EX SECTION. OTHERWISE CONSTRUCT SECTION SHOWN.
2. SAWCUT FULL DEPTH WHERE NEW PAVEMENT ABUTS EXISTING AND APPLY TACK COAT.
3. PLACE HMA IN ACCORDANCE WITH WSDOT APWA SECTION 5–04.
4. PROOF ROLL AND REMOVE ANY SOFT SPOTS. REPLACE REMOVED MATERIAL WITH GRAVEL BORROW. CONTRACTOR SHALL TEST AND VERIFY SUBGRADE MEETS COMPACTION REQUIREMENTS PRIOR TO PAVING.

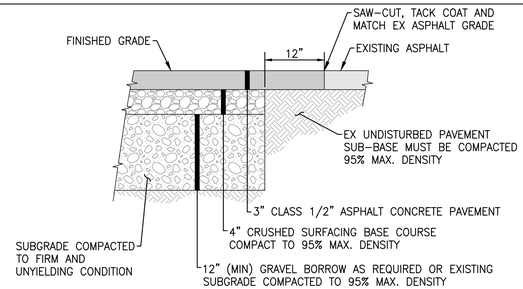
NTS
HEAVY DUTY ASPHALT 1



NOTES:

1. PLACE CONTRACTION JOINTS AT MAX 10' O.C. IN BOTH DIRECTIONS ON SLAB. CONTRACTION JOINTS SHALL BE MADE BY SAW–CUT OR TOOLED INTO CONCRETE DURING PLACEMENT.
2. CONCRETE FINISH & JOINTING PER LANDSCAPE.

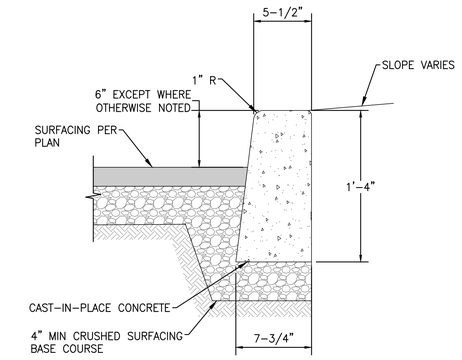
NTS
CONCRETE PAVEMENT 2



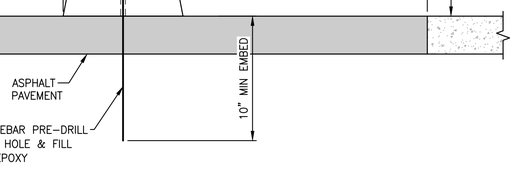
NOTES:

1. SAW–CUT FULL DEPTH WHERE NEW PAVEMENT ABUTS EXISTING AND APPLY TACK COAT.
2. PLACE ASPHALT IN ACCORDANCE WITH WSDOT APWA SECTION 5–04.
3. PROOF ROLL AND REMOVE ANY SOFT SPOTS. REPLACE REMOVED MATERIAL WITH GRAVEL BORROW. CONTRACTOR SHALL TEST AND VERIFY SUBGRADE MEETS COMPACTION REQUIREMENTS PRIOR TO PAVING.

NTS
LIGHT DUTY ASPHALT PAVEMENT 3



NTS
CONCRETE VERTICAL CURB 4



NOTES:

1. SAW–CUT FULL DEPTH WHERE NEW PAVEMENT ABUTS EXISTING AND APPLY TACK COAT.
2. PLACE ASPHALT IN ACCORDANCE WITH WSDOT APWA SECTION 5–04.
3. PROOF ROLL AND REMOVE ANY SOFT SPOTS. REPLACE REMOVED MATERIAL WITH GRAVEL BORROW. CONTRACTOR SHALL TEST AND VERIFY SUBGRADE MEETS COMPACTION REQUIREMENTS PRIOR TO PAVING.

NTS
GRIND AND OVERLAY LIGHT DUTY 5

GENERAL NOTES:

1. FOUNDATION MATERIAL, BEDDING, AND BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THIS DETAIL, OR THE MOST CURRENT WSDOT STANDARD SPECIFICATIONS, AND/OR PROJECT OR PERMIT SPECIFIC REQUIREMENTS, WHICHEVER IS MOST STRINGENT.
2. FOR TRENCH BACKFILL, PLACE IN 6 INCH MAXIMUM LOOSE LIFTS AND COMPACTED TO 95% AND ±3% OF OPTIMUM MOISTURE CONTENT PER ASTM D1557. THICKER LIFTS ALLOWED ONLY WITH ENGINEER'S PRIOR WRITTEN PERMISSION.
3. DEPTH OF COVER IN EXCESS OF 7-FEET REQUIRES CITY APPROVAL.
4. CLAY OR BENTONITE DAMS SHALL BE INSTALLED ACROSS THE TRENCH AND TO THE FULL DEPTH OF THE GRANULAR MATERIAL IN ALL AREAS OF STEEP SLOPES, STREAM CROSSINGS, AND WETLANDS TO PREVENT MIGRATION OF WATER ALONG THE PIPELINE.
5. TRENCH SECTIONS FOR WATER MAINS, FIRE HYDRANTS, BLOW OFFS, AIR VALVES, WATER SERVICES, AND OTHER WATER LINE APPURTENANCES SHALL BE SIMILAR TO THIS WATER LINE TRENCH SECTION.

CITY OF SEQUIM	WATER LINE TRENCH SECTION	REVISION NO.	DATE	FIGURE
		0	07/11/2022	5-02

NTS
CITY OF SEQUIM WATER LINE TRENCH SECTION 5-02 & ELECTRICAL DUCT 10

PLAN ELEVATION

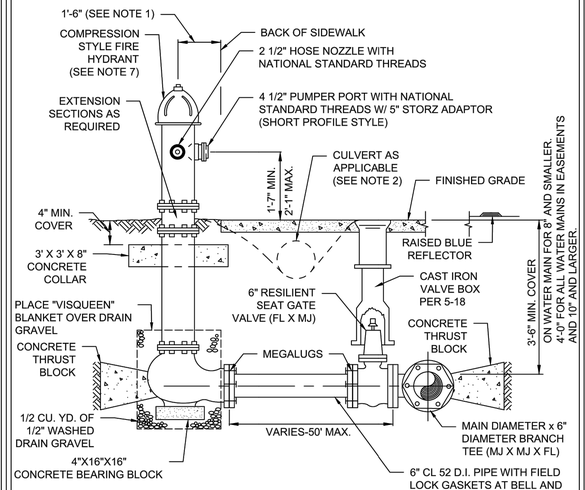
MINIMUM BEARING AREA TABLE					
FITTING D	TEE	90°	45°	22 1/2°	11 1/4°
6"	4 SQ. FT.	6 SQ. FT.	3 SQ. FT.	2 SQ. FT.	2 SQ. FT.
8"	7 SQ. FT.	10 SQ. FT.	6 SQ. FT.	3 SQ. FT.	2 SQ. FT.
10"	10 SQ. FT.	15 SQ. FT.	9 SQ. FT.	5 SQ. FT.	3 SQ. FT.
12"	14 SQ. FT.	22 SQ. FT.	12 SQ. FT.	6 SQ. FT.	4 SQ. FT.
16"	25 SQ. FT.	38 SQ. FT.	21 SQ. FT.	11 SQ. FT.	7 SQ. FT.
18"	32 SQ. FT.	48 SQ. FT.	27 SQ. FT.	14 SQ. FT.	8 SQ. FT.

GENERAL NOTES:

1. BEARING AREA TABLE BASED ON 250 PSI PRESSURE AND 2000 PSF SOIL BEARING. IF PRESSURE IS GREATER OR SOIL BEARING IS LESS, THE THRUST BLOCK SIZE SHALL INCREASE.
2. THIS TABLE REPRESENTS THE "MINIMUM" CONSTRUCTION STANDARDS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE APPROPRIATE SIZE OF ALL THRUST BLOCKS BASED ON EXISTING AND LOCAL CONDITIONS.
3. IN LIEU OF VERTICAL ANCHOR BLOCKS, PIPE BEND JOINTS AND STRAIGHT PIPE JOINTS ON BOTH VERTICAL BENDS SHALL BE RESTRAINED FOR LENGTHS AS NECESSARY TO RESIST PIPE JOINT SEPARATION BY A SAFETY FACTOR OF 2:1, USING "MEGALUGS", FIELD LOCK GASKETS (FOR DUCTILE IRON PIPE), BELL-AND-SPIGOT JOINT RESTRAINTS (SUCH AS ROMAC 611 SYSTEMS FOR PVC C900 PIPE), OR OTHER RESTRAINT SYSTEMS ACCEPTABLE TO THE CITY.
4. THE CITY WILL USE "EBAA IRON'S RESTRAINT LENGTH CALCULATOR" AT EBAA.COM/CALCULATOR/ FOR VERIFYING ADEQUACY OF RESTRAINED JOINT LENGTHS.

CITY OF SEQUIM	THRUST BLOCKS	REVISION NO.	DATE	FIGURE
		0	07/11/2022	5-07

NTS
CITY OF SEQUIM THRUST BLOCKS 5-07 11



GENERAL NOTES:

1. OR 3' FROM BACK OF CURB.
2. PROVIDE 8' MINIMUM OF CULVERT AND COVER, 12" MIN. DIA. OR EQUAL IN SIZE TO ADJACENT DITCH CROSSINGS. PIPE TO COUNTY, STATE OR CITY STANDARDS AS APPLICABLE.
3. PROVIDE MIN. 3'-0" CLEARANCE AND LEVEL AREA AROUND HYDRANT.
4. PAINT FIRE HYDRANT WITH TWO COATS SAFETY YELLOW.
5. STENCIL FOOTAGE TO VALVE ON HYDRANT UNDER PORT FACING GV.
6. REMOVE ALL CHAINS FOR FIRE HYDRANT CAPS.
7. ACCEPTABLE HYDRANTS: CLOW MEDALLION AND MUELLER CENTURION OR EAST JORDAN WATER MASTER 5CD250.
8. INSTALL BLUE FIRE HYDRANT REFLECTOR OFFSET 1 FOOT FROM ROAD CENTERLINE.
9. ALL FLANGES TORQUE TESTED TO MANUFACTURE RECOMMENDATIONS.
10. NO SERVICE CONNECTIONS SHALL BE MADE TO THE FIRE HYDRANT LINE UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

CITY OF SEQUIM	FIRE HYDRANT ASSEMBLY	REVISION NO.	DATE	FIGURE
		0	07/11/2022	5-08

NTS
CITY OF SEQUIM FIRE HYDRANT ASSEMBLY 5-08 12

NTS
WHEELSTOP 9

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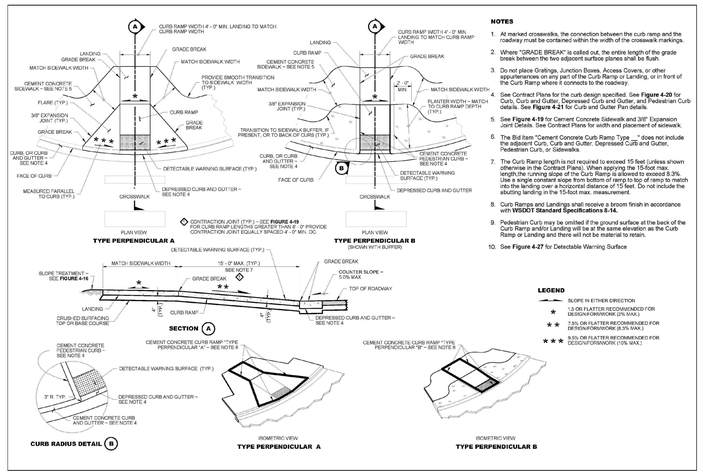
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Checked:	MJS
Date:	5/3/23
Scale:	As indicated

Revisions:

No.	Date	Remarks

PERMIT DOCUMENTS

PAVING & UTILITY DETAILS
C5.1



NOTES

1. At marked crosswalks, the connection between the curb ramp and the roadway must be contained within the width of the crosswalk markings.
2. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
3. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing, or in front of the Curb Ramp where it connects to the roadway.
4. See Contract Plans for the curb design specified. See **Figure 4-20** for Curb, Curb and Gutter, Depressed Curb and Gutter, and Pedestrian Curb details. See **Figure 4-21** for Curb and Gutter Pan details.
5. See **Figure 4-19** for Cement Concrete Sidewalk and 3/8" Expansion Joint Details. See Contract Plans for width and placement of sidewalk.
6. The Bid Item "Cement Concrete Curb Ramp Type ___" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalks.
7. The Curb Ramp length is not required to exceed 15 feet (unless shown otherwise in the Contract Plans). When applying the 15-foot max. length,the running slope of the Curb Ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the landing over a horizontal distance of 15 feet. Do not include the abutting landing in the 15-foot max. measurement.
8. Curb Ramps and Landings shall receive a broom finish in accordance with **WSDOT Standard Specifications 8-14.**
9. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will not be material to retain.
10. See **Figure 4-27** for Detectable Warning Surface

CITY OF SEQUIM

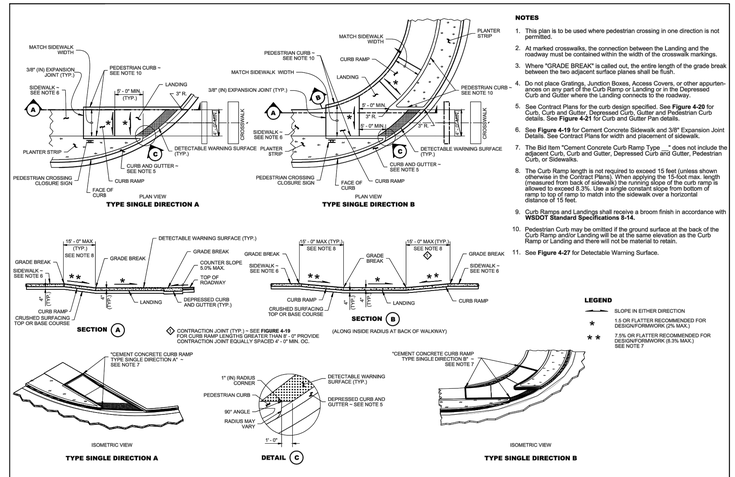
PERPENDICULAR CURB RAMP

REVISION NO.	DATE
0	1/11/2021

FIGURE 4-25

NTS

CITY OF SEQUIM PERPENDICULAR CURB RAMP 4-25 **1**



NOTES

1. This plan is to be used where pedestrian crossing in one direction is not permitted.
2. At marked crosswalks, the connection between the Landing and the roadway must be contained within the width of the crosswalk markings.
3. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
4. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing or in the Depressed Curb and Gutter where the Landing connects to the roadway.
5. See Contract Plans for the curb design specified. See **Figure 4-20** for Curb, Curb and Gutter, Depressed Curb, Gutter and Pedestrian Curb details. See **Figure 4-21** for Curb and Gutter Pan details.
6. See **Figure 4-19** for Cement Concrete Sidewalk and 3/8" Expansion Joint Details. See Contract Plans for width and placement of sidewalk.
7. The Bid Item "Cement Concrete Curb Ramp Type ___" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalks.
8. The Curb Ramp length is not required to exceed 15 feet (unless shown otherwise in the Contract Plans). When applying the 15-foot max. length (measured from back of sidewalk) the running slope of the curb ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk over a horizontal distance of 15 feet.
9. Curb Ramps and Landings shall receive a broom finish in accordance with **WSDOT Standard Specifications 8-14.**
10. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will not be material to retain.
11. See **Figure 4-27** for Detectable Warning Surface.

CITY OF SEQUIM

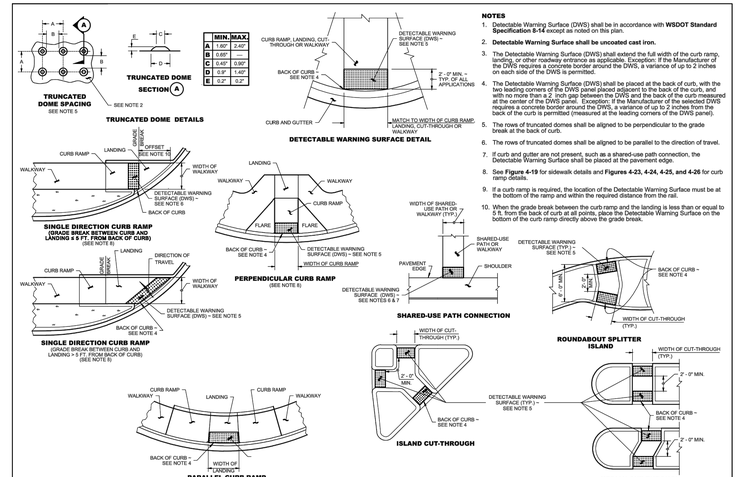
SINGLE DIRECTION CURB RAMP

REVISION NO.	DATE
0	1/11/2021

FIGURE 4-26

NTS

CITY OF SEQUIM SINGLE DIRECTION CURB RAMP 4-26 **2**



NOTES

1. Detectable Warning Surface (DWS) shall be in accordance with **WSDOT Standard Specification 8-14** except as noted on this plan.
2. **Detectable Warning Surface shall be uncoated cast iron.**
3. The Detectable Warning Surface (DWS) shall extend the full width of the curb ramp, landing, or other roadway entrance as applicable. Exception: If the Manufacturer of the DWS requires a concrete border around the DWS, a variance of up to 2 inches on each side of the DWS is permitted.
4. The Detectable Warning Surface (DWS) shall be placed at the back of curb, with the two leading corners of the DWS panel placed adjacent to the back of the curb, and aligned parallel to the curb. Exception: If the Manufacturer of the DWS requires a concrete border around the DWS, a variance of up to 2 inches from the back of the curb is permitted (measured at the leading corners of the DWS panel).
5. The rows of truncated domes shall be aligned to be perpendicular to the grade break at the back of curb.
6. The rows of truncated domes shall be aligned to be parallel to the direction of travel.
7. If curb and gutter are not present, such as a shared-use path connection, the Detectable Warning Surface shall be placed at the pavement edge.
8. See **Figure 4-19** for sidewalk details and **Figures 4-23, 4-24, 4-25, and 4-26** for curb ramp details.
9. If a curb ramp is required, the location of the Detectable Warning Surface must be at the bottom of the ramp and within the required distance from the rail.
10. When the grade break between the curb ramp and the landing is less than or equal to 5 ft. from the back of curb at all points, place the Detectable Warning Surface on the bottom of the curb ramp directly above the grade break.

CITY OF SEQUIM

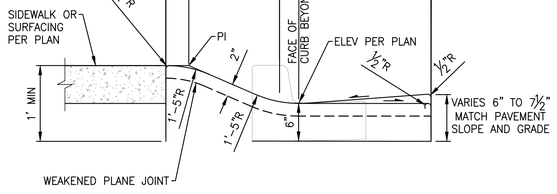
DETECTABLE WARNING SURFACE

REVISION NO.	DATE
0	1/11/2021

FIGURE 4-27

NTS

CITY OF SEQUIM DETECTABLE WARNING SURFACE 4-27 **3**



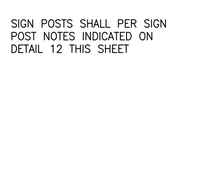
NTS

ROLLED CURB **4**

EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND SHALL BE CENTERED ON AND JUST BEYOND THE FRONT EDGE OF THE PARKING STALL. SIGNS MAY ALSO BE HUNG ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE. SIGN MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE PARKING SPACE FINISHED GRADE.

AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF–STREET PARKING FACILITIES, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

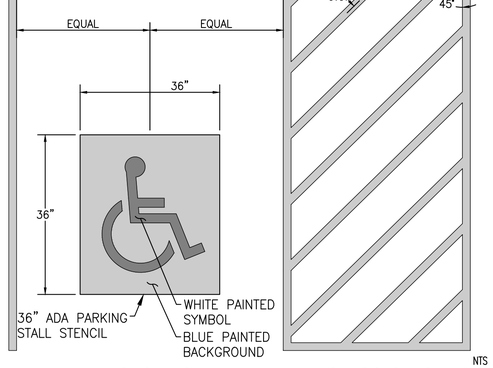
"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED DISABLED PARKING SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PHYSICALLY DISABLED PERSONS MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT _____ OR _____ OR BY TELEPHONING _____."



SIGN POSTS SHALL PER SIGN POST NOTES INDICATED ON DETAIL 12 THIS SHEET

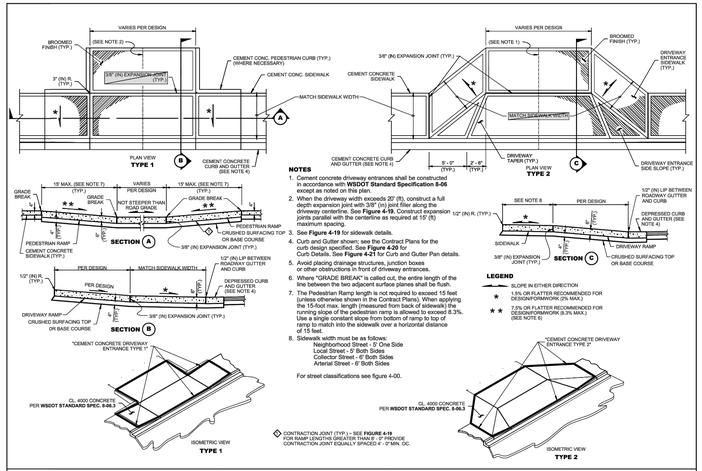
NTS

ADA PARKING STALL SIGN **5**



NTS

ISA SYMBOL (PAINTED WHITE) & BLOCKOUT STRIPING **6**



CITY OF SEQUIM

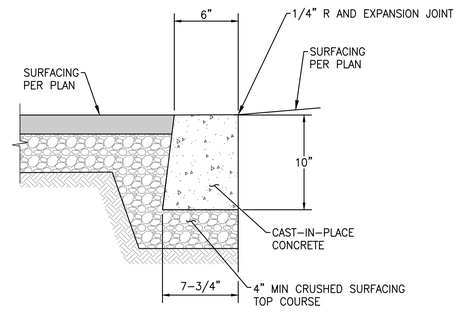
CEMENT CONCRETE DRIVEWAY ENTRANCE TYPES 1, 2, 3, & 4

REVISION NO.	DATE
0	1/11/2021

FIGURE 4-22A

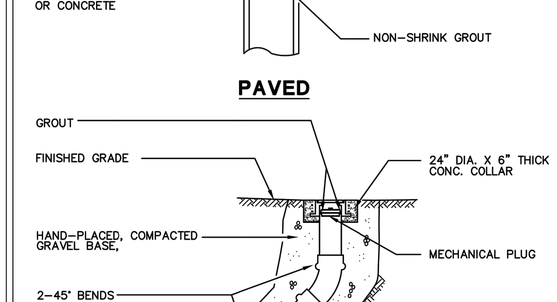
NTS

CITY OF SEQUIM CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1 4-22A **9**



NTS

FLUSH CURB **10**



NOTES:

1. TO BE USED ON CLEANOUT ACCESS AT STRUCTURE

CITY OF SEQUIM
2013 DEVELOPER STANDARDS
FIGURE V–S16
SIDE SEWER CLEANOUT
Gray & Osborne, Inc.
CONSULTING ENGINEERS

NTS

CITY OF SEQUIM SIDE SEWER CLEANOUT V-S16 **11**

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MARC J. SERIZ — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
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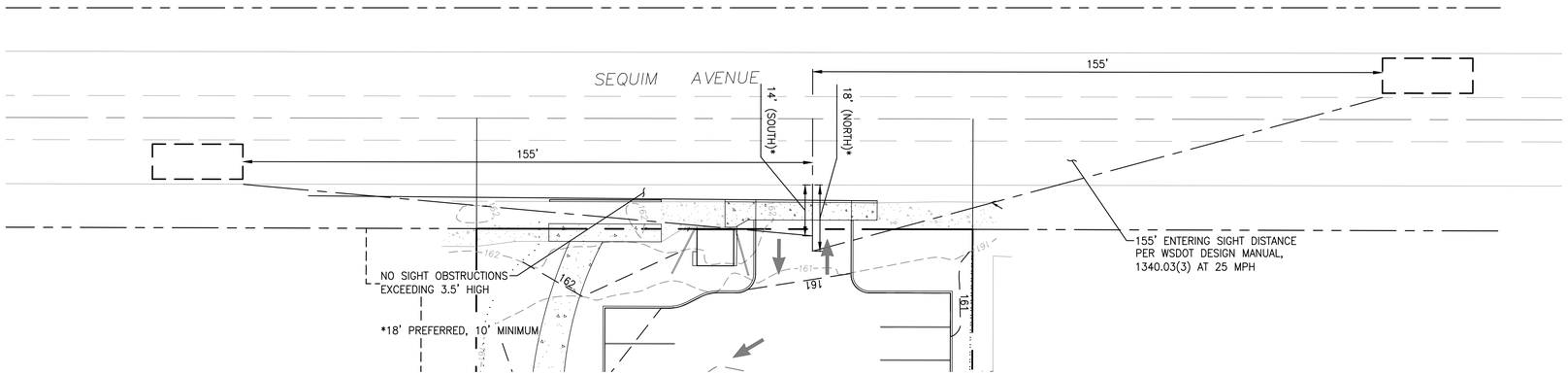
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Scale: As indicated

Revisions:
No. Date Remarks

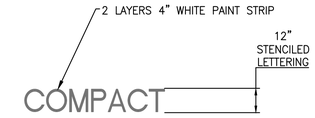
PERMIT DOCUMENTS

PAVING & UTILITY DETAILS

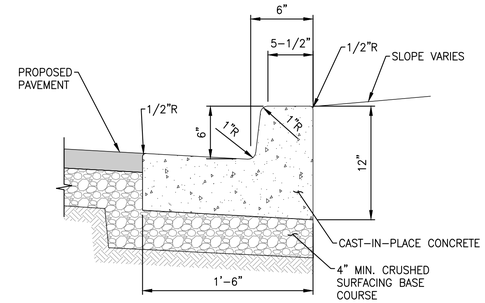
C5.2



1" = 10'
DRIVEWAY APPROACH 3

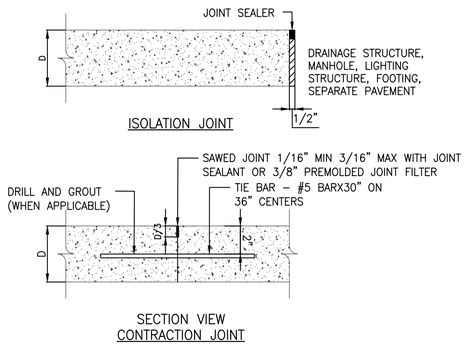


NTS
STENCILED LETTERING 4

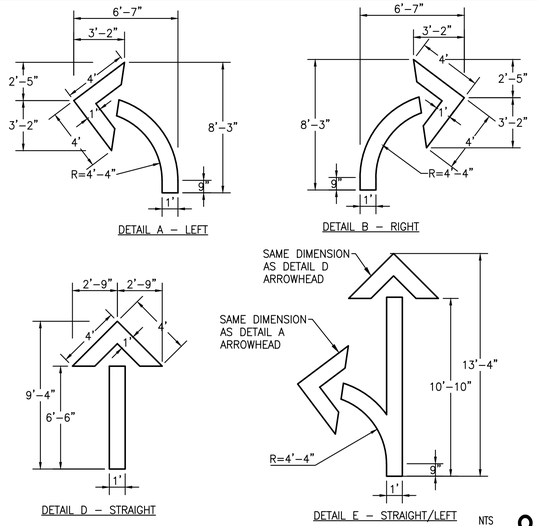


NTS
CURB AND GUTTER 5

NTS
NOT USED 6



NTS
CONCRETE PAVEMENT JOINTS 7

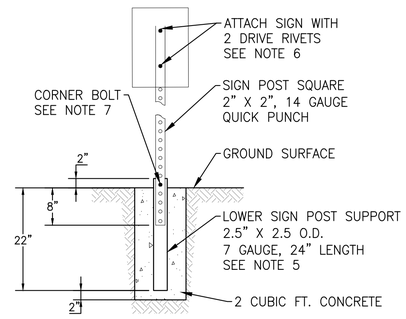


NTS
WHITE PAINTED TRAFFIC ARROWS 8

NTS
NOT USED 9

NTS
NOT USED 10

NTS
NOT USED 11



SITE SIGNS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NO PARKING ANYTIME R7-101

NTS
SITE SIGNAGE 12

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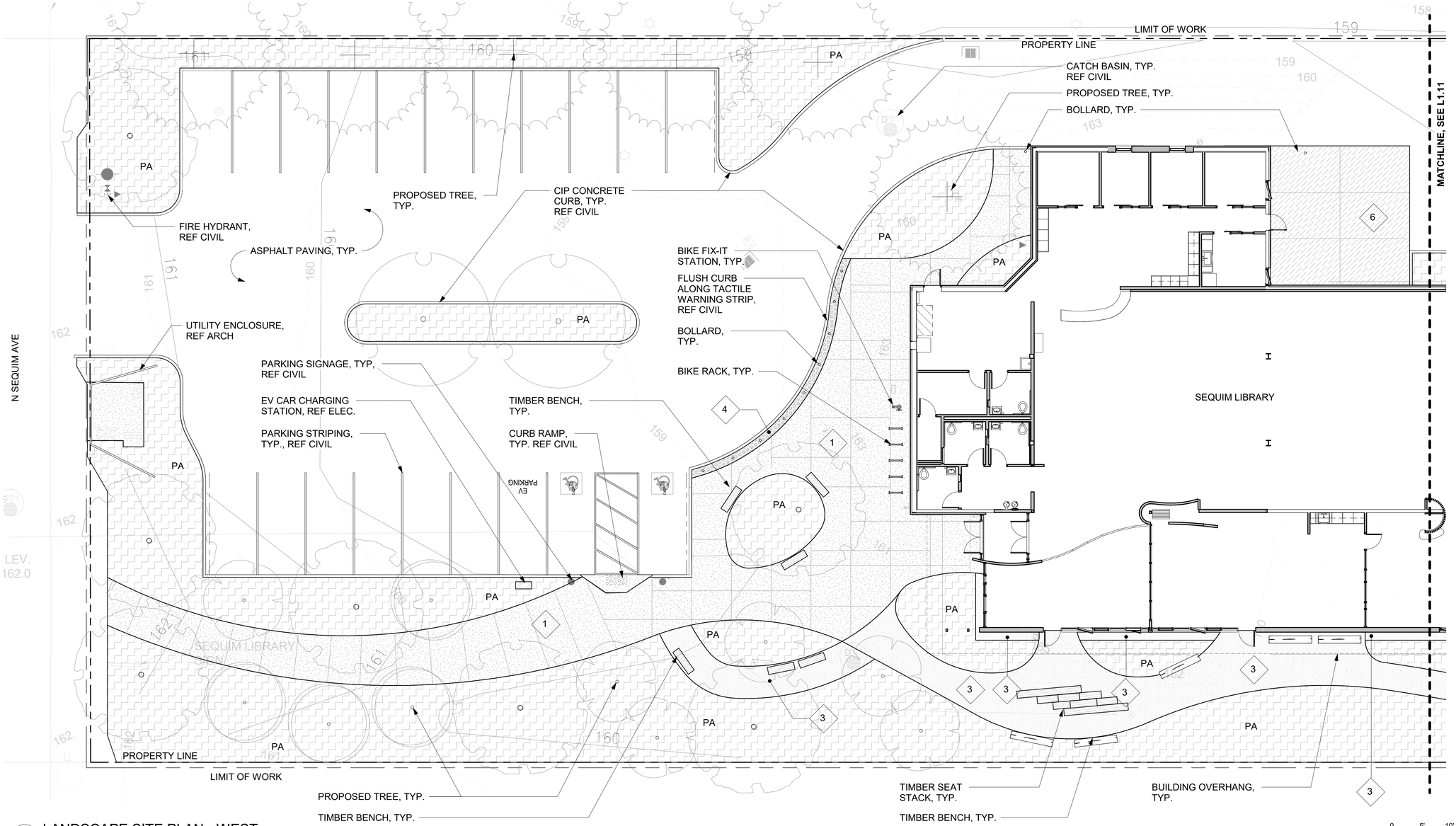
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PAVING
DETAILS

C5.3



1 LANDSCAPE SITE PLAN - WEST
1" = 10'-0"

0 5' 10'

SURFACING SCHEDULE

SYMBOL	TYPE	DETAIL
1	4" CIP CONRETE PAVING, SAWCUT JOINTS, BROOM FINISH	
2	6" CIP CONCRETE PAVING, SAWCUT JOINTS, BROOM FINISH	REF CIVIL
3	CRUSHED ROCK SURFACING	
4	TACTILE WARNING STRIP	
5	ARTIFICIAL TURF	
6	CIP CONCRETE	REF CIVIL

SYMBOL SCHEDULE

- PROPERTY LINE
- LIMIT OF WORK
- CONTOUR LINE
- BUILDING ABOVE
- BIKE FIX-IT STATION
- BIKE RACK
- TIMBER BENCH
- TIMBER SEAT STACK
- PA — PLANTING AREA

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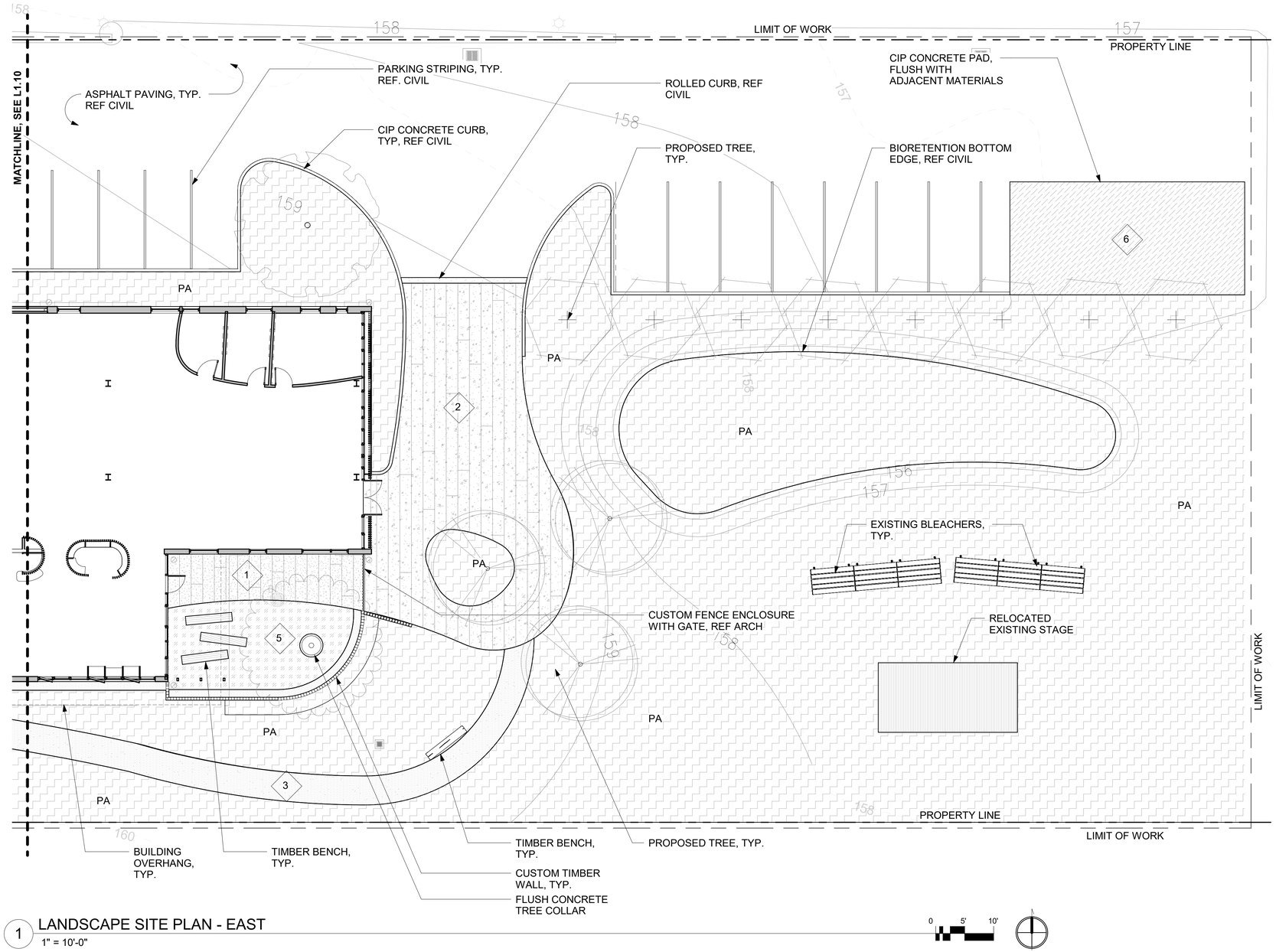
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Scale: 1" = 10'-0"

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LANDSCAPE SITE PLAN - WEST
L1.10



1 LANDSCAPE SITE PLAN - EAST

1" = 10'-0"

0 5' 10'

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LANDSCAPE SITE
PLAN - EAST

L1.11

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PROJECT INFORMATION

PROJECT OWNER:
NORTH OLYMPIC LIBRARY SYSTEM

PROJECT MANAGER:
NOAH GLAUDE
NGLAUDE@nols.org

PROJECT ADDRESS:
SEQUIM BRANCH LIBRARY
630 NORTH SEQUIM AVENUE
SEQUIM, WA 98382

ZONING INFORMATION

1. **PROJECT ADDRESS:** 630 NORTH SEQUIM AVE, SEQUIM WA 98382
2. **PARCEL NUMBER:** 330202200470000
3. **LEGAL DESCRIPTION:** A PORTION OF THE NW 1/4, SECTION 20, T.30 N, R.3.W, W.M., CLALLUM COUNTY, WA.
4. **LOT AREA:** 83,700 SF (1.92 ACRES)
5. **ZONE:** R4-8, PUBLIC FACILITY
6. **CURRENT USE:** PUBLIC LIBRARY, NO CHANGE
7. **YEAR BUILT:** 1983
8. **(E) BLDG AREA:** 6,255
9. **PROPOSED AREA:** 9,519
10. **(E) LOT COVERAGE:** 8%
11. **PROPOSED LOT COVERAGE:** 13.5%
12. **HT LIMIT:** 25'-0"
13. **PARKING QUANTITY:** SMC 18.48.050
    REQUIRED 1 SPACE / 300 SF NET AREA
    PROPOSED GROSS AREA: 9519 SF
    NET AREA (.85 X GROSS AREA): .85 X 9519 SF = 8092 SF

    8092 SF / 300 SF = 27 REQUIRED PARKING STALLS

    27 FULL-SIZE PARKING STALLS PROVIDED (2 ADA)
    + 5 COMPACT STALLS PROVIDED
    32 TOTAL STALLS PROVIDED
14. **REQUIRED SETBACKS:** FRONT 15', REAR 20', SIDE 20'
15. **CONSTRUCTION TYPE**: V-B
16. **OCCUPANCY:** A, B
17. **ESTIMATED CUT & FILL:** 1,150 CUBIC YARD EXPORT CUT; 1,500 CUBIC YARD IMPORT FILL

2018 WA STATE FIRE CODE

503.1.1 BUILDINGS AND FACILITIES
... THE FIRE APPARATUS ACCESS ROAD SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION AND SHALL EXTEND TO WITHIN **150** FEET OF ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY. (SEE EXEMPTIONS FOR FIRE CODE OFFICIALS ABILITY TO INCREASE THIS DISTANCE).

503.2.3 TURNING RADIUS
THE REQUIRED TURNING RADIUS OF A FIRE APPARATUS ACCESS ROAD SHALL BE DETERMINED BY THE FIRE CODE OFFICIAL.

503.2.5 DEAD ENDS
DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED AREA FOR TURNING AROUND FIRE APPARATUS.

507.5 FIRE HYDRANT SYSTEMS
507.5.1 WHERE REQUIRED
WHERE A PORTION OF THE FACILITY OR BUILDING HEREAFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION IS MORE THAN 400 FEET FROM A HYDRANT ON A FIRE APPARATUS ACCESS ROAD, AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE FACILITY OR BUILDING, ON-SITE FIRE HYDRANTS AND MAINS SHALL BE PROVIDED WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

C102 NUMBER OF FIRE HYDRANTS
TABLE C102.1
FIRE FLOW REQUIREMENT = 2,500 GPM, **3 HYDRANTS**, 450' MAX (REDUCE BY 100' AT DEAD END STREETS), MAX DISTANCE FROM ROAD FRONTAGE, 225' (REDUCE BY 50' FOR DEAD END STREETS).

C104.1 EXISTING FIRE HYDRANT
EXISTING FIRE HYDRANTS ON PUBLIC STREETS ARE ALLOWED TO BE CONSIDERED AS AVAILABLE TO MEET THE REQUIREMENTS OF SECTION C102 AND C103... PROVIDED THAT A FIRE APPARATUS ACCESS ROAD EXTENDS BETWEEN PROPERTIES AND THAT AN EASEMENT IS ESTABLISHED TO PREVENT OBSTRUCTION OF SUCH ROADS.

D102.1 ACCESS AND LOADING
FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS HEREAFTER CONSTRUCTED SHALL BE ACCESSIBLE TO FIRE DEPARTMENT APPARATUS BY WAY OF AN APPROVED FIRE APPARATUS ACCESS ROAD WITH AND ASPHALT, CONCRETE OR OTHER APPROVED DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS.

TABLE D103.4 WIDTH REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS: 20' FROM 0'-150' LONG (WITH NO TURNAROUND)

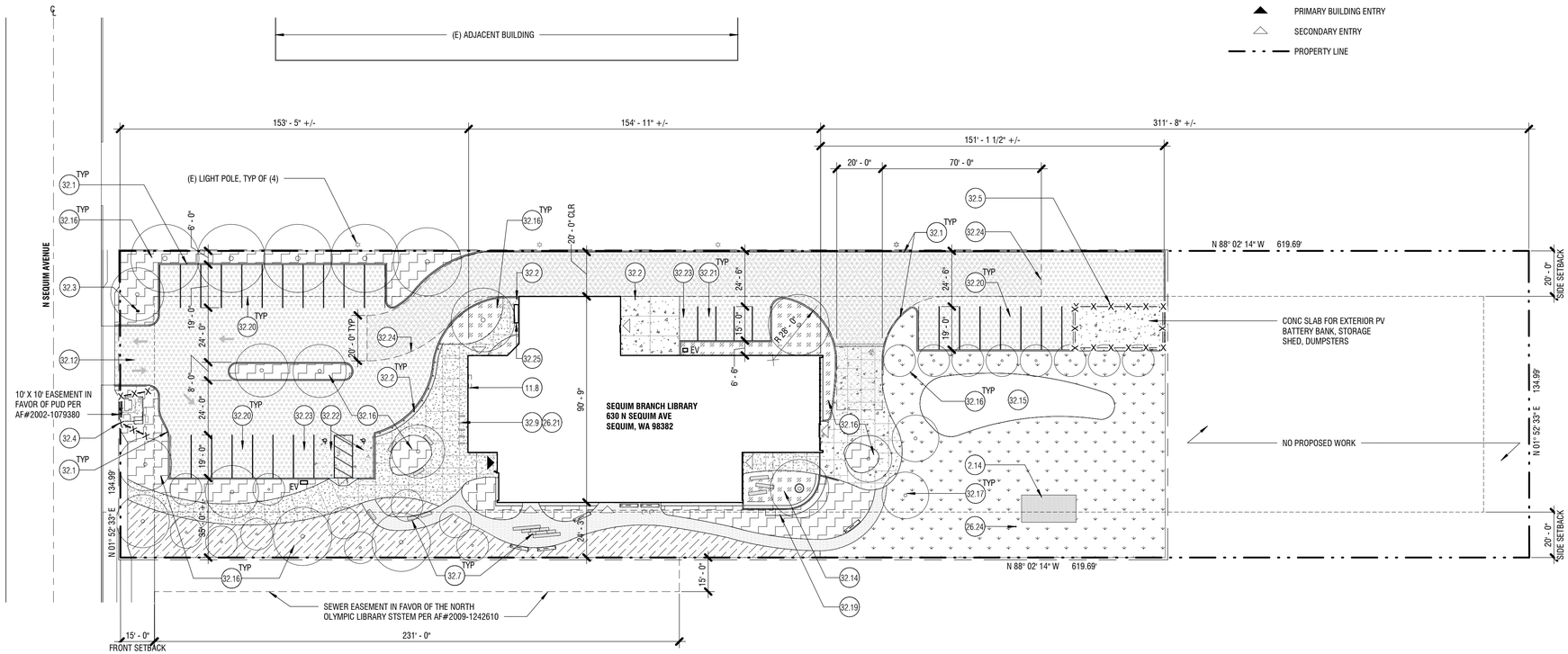
D103.6.1 ROADS 20-26 FEET IN WIDTH.
FIRE LANE SIGNS AS SPECIFIED IN SECTION D103.6 SHALL BE POSTED ON BOTH SIDES OF FIRE APPARATUS ACCESS ROADS THAT ARE 20-26 FEET WIDE.

KEYNOTE LEGEND

MARK	KEYNOTE TEXT
2.14	(E) RELOCATED WOOD STAGE
11.8	THRU-WALL BOOK DEPOSITORY
26.21	ELECTRIC BIKE CHARGING
26.24	EXTERIOR 4-GANG OUTLET AT OUTDOOR STAGE PER ELEC
32.1	CONCRETE CURB, REF CIVIL
32.2	BOLLARD PER LANDSCAPE
32.3	FIRE HYDRANT PER CIVIL
32.4	WOOD UTILITY ENCLOSURE AND LIBRARY SIGNAGE
32.5	WOOD TRASH ENCLOSURE
32.7	EXTERIOR BENCH PER LANDSCAPE
32.9	BIKE PARKING
32.12	REVISED VEHICULAR ACCESS AT (E) CURB CUT, REF CIVIL
32.14	KIDS PLAY AREA, REF LANDSCAPE
32.16	PLANTED AREA PER LANDSCAPE
32.17	TREE PER LANDSCAPE
32.19	RAISED PLANTER PER LANDSCAPE
32.20	STANDARD PARKING STALL, REF CIVIL
32.21	COMPACT PARKING STALL, REF CIVIL
32.22	ADA PARKING STALL, REF CIVIL
32.23	EV PARKING STALL
32.24	FIRE LANE AND "ALTERNATIVE HAMMERHEAD" DEAD-END TURNAROUND PER IFC APPENDIX D103.1
32.25	OVERNIGHT HOLDS LOCKER FOIC, REF ELEC

SITE PLAN LEGEND:

- ASPHALT PAVING PER CIVIL
- CONCRETE PAVING PER CIVIL AND LANDSCAPE
- CRUSHED ROCK PATH PER LANDSCAPE
- PLANTINGS PER LANDSCAPE
- LAWN PER LANDSCAPE
- ARTIFICIAL TURF PER LANDSCAPE
- TACTILE WARNING STRIP PER CIVIL
- FIRE LANE AND TURN-AROUND
- FENCE
- PRIMARY BUILDING ENTRY
- SECONDARY ENTRY
- PROPERTY LINE



1 SITE PLAN
1" = 30'-0"

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SITE PLAN
A1.0

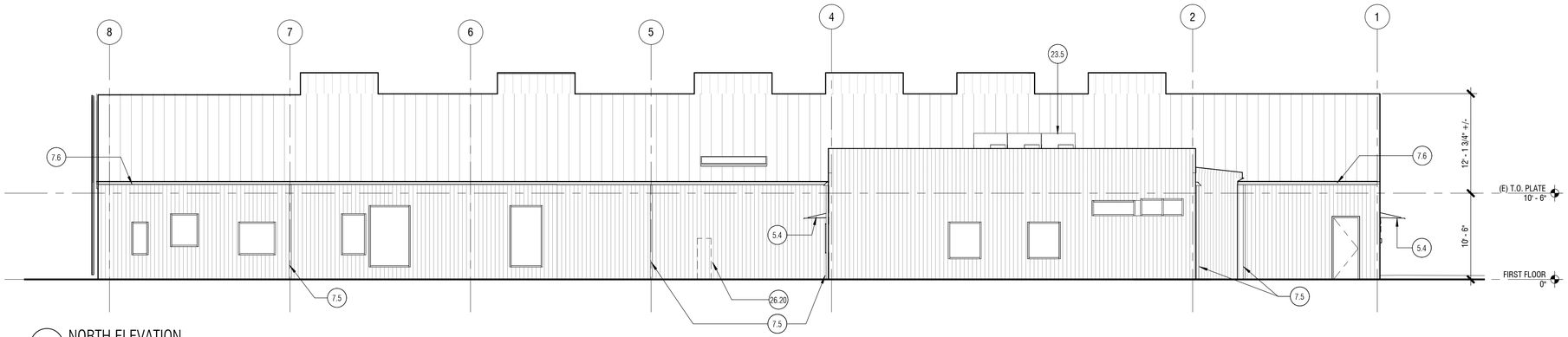
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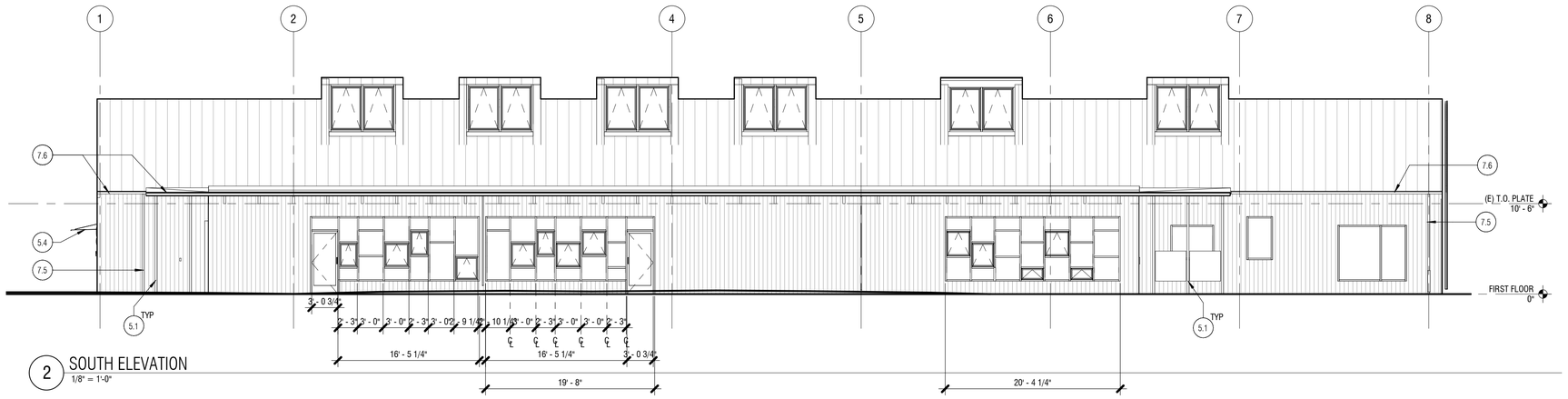
KEYNOTE LEGEND

MARK	KEYNOTE TEXT
5.1	COLUMN, REF STRUCTURAL
5.4	METAL BENT PLATE AWNING, REF STRUCT
7.5	MTL DOWNSPOUT
7.6	MTL GUTTER
7.7	MTL SCUPPER
8.6	1x4 WOOD SLAT SUNSHADE SYSTEM
10.8	DIMENSIONAL SS SIGNAGE
23.5	MECHANICAL EQUIPMENT, REF MECH
26.20	ELECTRIC VEHICLE CHARGING STATION PER ELEC
32.8	BOOK DEPOSITORY

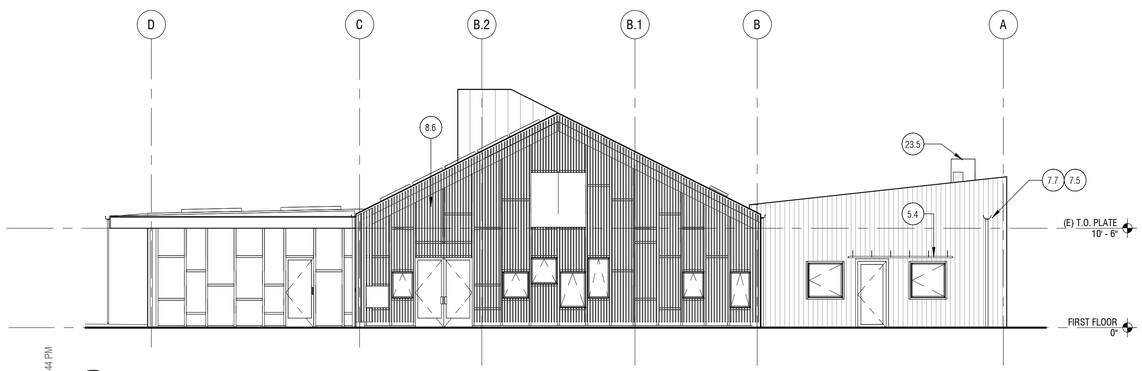
GENERAL NOTES:
1. SEE A2.4 FOR WALL ASSEMBLIES
2. SEE A2.4 FOR DOOR TYPES AND SCHEDULES
3. SEE A2.4 FOR GLAZING SCHEDULES



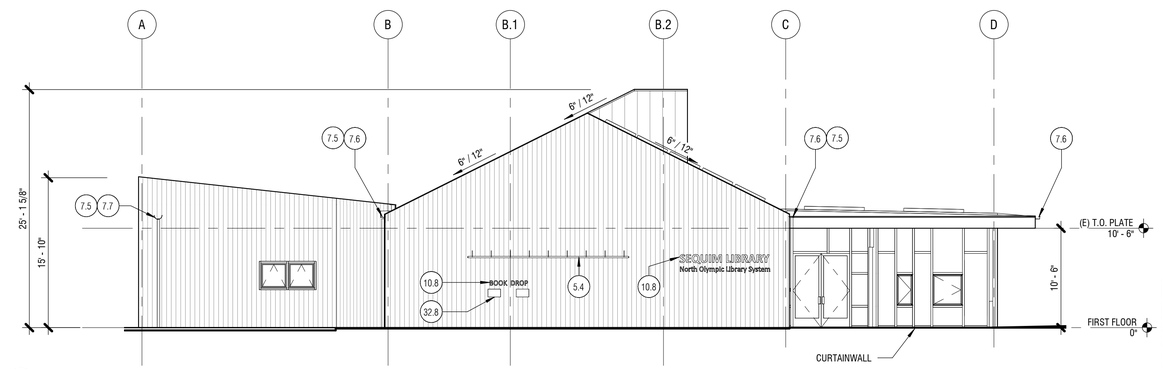
1 NORTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"



3 EAST ELEVATION
1/8" = 1'-0"



4 WEST ELEVATION
1/8" = 1'-0"

0 1' 2' 4' 8' 12'

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EXTERIOR
ELEVATIONS

A3.0

LUMINAIRE SCHEDULE

	IMAGE	LOCATION	DESCRIPTION	SIZE (NOMINAL)	LAMP (DELIVERED LUMENS, CCT, CRI)	INPUT WATTS	VOLTS	CONTROLS / GEAR	MANUFACTURER AND SERIES	FINISH	MOUNTING NOTES
			YELLOW INDICATES CHANGE FROM PREVIOUS VERSION								
E1		EXTERIOR AWNINGS	IP65 RATED CEILING-MOUNT CYLINDER WITH MARINE GRADE COPPER FREE ALUMINUM ALLOY HOUSING, TOUGHENED SAFTEY GLASS LENS, ANODIZED ALUMINUM REFLECTOR AND SILICONE OPTIC FOR ASYMMETRIC DISTRIBUTION	5.5" DIAMETER X 5.5"	LED (INCLUDED) 2134 LUMENS, 3000K, 80+ CRI	17	PER EE	INTEGRAL / 0-10V, 10% DIMMING	BEGA 24430 SERIES	STANDARD, PER ARCHITECT	MOUNTED TO EXTERIOR CEILINGS
E2		EAST TRELLIS WINDOW OPENINGS	IP66 RATED LIGHT WITH SOLID ANODIZED ALUMINUM HOUSING, CONTROLLED, ASYMMETRICAL 10° X 170° DISTRIBUTION, AND CONTROL GEAR	1.5" X 1.5" X 1.25"	LED (INCLUDED) 125 LUMENS, 2700K, 90+ CRI	2	PER EE	REMOTE / 0-10V, 10% DIMMING	MP LIGHTING L150 SERIES	STANDARD, PER ARCHITECT	SEE ARCHITECTURAL MOUNTING DETAILS
E3		EXTERIOR AWNINGS	SURFACE MOUNT STRIPLIGHT, ALUMINUM EXTRUSION, FROSTED LENS, MOUNTING ACCESORIES AND CONTROL GEAR	.6" X .6" LENGTHS TO FIT LOCATIONS SHOWN IN PLANS	LED (INCLUDED) 209 LUMENS / FT, 3000K, 90+ CRI	4.8/LF	PER EE	REMOTE / 0-10V, 10% DIMMING	LUMINI BOSCA WET SERIES	STANDARD, PER ARCHITECT	SEE ARCHITECTURAL MOUNTING DETAILS
E4		NORTH EXTERIOR WALL	IP65 RATED WALL MOUNTED LIGHT WITH DIE-CAST MARINE GRADE COPPER FREE ALUMINUM ALLOY HOUSING, AND CLEAR SAFTEY GLASS LENS WITH OPTICAL TEXTURE AND HIGH TEMPERATURE SILICONE GASKET, REGRESSED SOURCE AND DOWNWARD DISTRIBUTION	5 1/2" X 2 3/5" X 7 3/5"	LED (INCLUDED) 391 LUMENS, 3000K, 80+ CRI	6	PER EE	INTEGRAL	BEGA 33224 SERIES	STANDARD, PER ARCHITECT	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT
E5		GUEST PARKING AREA	EXTERIOR RATED POLE LIGHT WITH DIFFUSE COMFORT OPTIC AND TYPE 3 DISTRIBUTION PROVIDE WITH POLE	15" X 33" X 7" 18' POLE	LED (INCLUDED) 3253 LUMENS, 3000K, 80+ CRI	30	PER EE	INTEGRAL / PHOTO SENOR, BI-LEVEL	GARDCO PURE FORM P26SERIES GARDCO SRA SERIES	STANDARD, PER ARCHITECT	SEE LANDSCAPE SET FOR POLE BASE DETAIL
E6		SOUTH AND EAST PATHWAYS	EXTERIOR RATED BOLLARD WITH ALUMINUM HOUSING, HIDDEN ANCHORAGE, CLEAR POLYCARBONATE LENS AND ASYMMETRIC DISTRIBUTION	4.5" DIAMETER X 43.5" TALL	LED (INCLUDED), 536 LUMENS, 3000K, 80+ CRI	15	PER EE	INTEGRAL / 0-10V, 10% DIMMING	LOUIS POULSEN FLINTD BOLLARD	STANDARD, PER ARCHITECT	SEE LANDSCAPE SET FOR CEMENT FOOTING DETAIL
E7		TREE AT ENTRY	EXTERIOR RATED STAKE-MOUNTED ADJUSTABLE ACCEND LIGHT WITH BRONZE HOUSING, 10° TO 60° ZOOMING BEAM ANGLE, AND ONBOARD DIMMER	3" DIAMETER HEAD, 6" X 6"	LED (INCLUDED) 50-1160 LUMEN, 3000K, 90+ CRI	18	PER EE	REMOTE	WAC ACCENT 5011 SERIES	STANDARD, PER ARCHITECT	STAKE MOUNTED, PROVIDE SUFFICENT EXTRA CABLE FOR FIXTURE TO MOVE IN A 3' RADIUS AROUND LOCATIONS SHOWN IN PLANS
E8			TYPE NO LONGER USED								
E9		SIGNAGE	IN-GRADE WALK OVER FIXTURE, EXTRUDED ALUMINUM BODY, WIDE DISTRIBUTION, TEMPERED GLASS LENS, CONTROL GEAR	3-1/2" X 3-1/2" X LENGTHS PER PLAN. 1-3/8" LENS WIDTH.	LED (INCLUDED) 99 LUMENS PER FOOT, 3000K, 80+ CRI	2.1/LF	PER EE	REMOTE / 0-10V, 10% DIMMING	SISTEMALX CONTINUOUS LINE SERIES	ANODIZED ALUMINUM	SEE LANDSCAPE SET FOR MOUNTING DETAIL

NOTES:

1. CONTRACTOR RESPONSIBLE FOR PROVIDING LINEAR FIXTURES IN LONGEST LENGTHS TO FIT LOCATIONS SHOWN IN PLANS, WITH FEWEST QUANTITY OF POWER DROPS FOR REQUIRED CONTROLS.
2. REMOTE CONTROL GEAR TO BE PLACED IN WELL-VENTILATED, ACCESSIBLE LOCATIONS.
3. CONTRACTOR TO CHECK COMPATIBILITY OF FIXTURE MOUNTING HARDWARE AND WIRING AT EACH LOCATION SHOWN IN PLANS.
4. PRIOR TO ORDERING, ENSURE COMPABITILITY OF LUMINAIRE CONTROL GEAR TO MEET SPECIFIED DIMMING PERFORMANCE WITH SPECIFIED DIMMING EQUIPMENT TO BE PROVIDED.
5. SUBMITTALS FOR ALL FIXTURES TO INCLUDE ORDERING CODES SHOWING ALL PARTS TO BE PROVIDED, SUCH AS ACCESSORY COMPONENTS, REMOTE CONTROL GEAR, MOUNTING HARDWARE, POWER FEEDS, AND LAMP INFORMATION.
6. PROVIDE FACTORY SHOP DRAWINGS FOR ALL MODIFIED OR "SYSTEM" PRODUCTS. IF FACTORY DRAWINGS UNAVAILABLE CONTRACTOR TO SUBMIT MATERIAL EXPLAINING INTENDED INSTALLATION.

1 SITE LIGHTING PLAN
1" = 20'-0"

0 5' 10' 20' 30' 40'

LEGEND

- PEDESTRIAN-SCALE POLE LIGHT
- BOLLARD
- ADJUSTABLE UPLIGHT
- SUSPENDED DECORATIVE FIXURE
- IN-GRADE LINEAR

GENERAL NOTES

LIGHT FIXTURES SHOWN ON PLAN TO BE MOUNTED TO THE GROUND OR AS DESDCRIBED IN ARCHITECTURAL LANDSCAPE DETAILS

REMOTE POWER SUPPLIES TO BE ACCESSIBLY LOCATED AND WELL-VENTILATED PER MANUFACTURER'S INSTRUCTIONS

FIXTURE LOCATIONS TO BE FURTHER COORDINATED WITH AS-BUILT CONDITIONS WHERE SHOWN. CONTRACTOR TO CONFIRM ALL ASPECTS OF FIXTURE MOUNTING PRIOR TO ORDERING

SEE ARCHITECTURAL AND LANDSCAPE ARCHITECT'S DRAWINGS AND DETAILS FOR DIMENSIONED FIXTURE LOCATIONS AND MOUNTING INFROMATION

SEE LIGHTING SHEET L2.1 FOR TYPE INDICATIONS OF ALL BUILDING-MOUNTED AND BUILDING-INTEGRATED LIGHT FIXTURES

SHEET NOTES

A REQUIRES REMOTE GEAR

B POLE MOUNTED LIGHT FIXTURE - SEE LANDSCAPE PLAN FOR POLE BASE LOCATION AND DETAILS

C BUILDING-MOUNTED LIGHT FIXTURE

SITE LIGHTING CONTROL INTENT

ALL SITE LIGHTING FIXTURES TO BE TURNED ON AND OFF VIA PHOTOSENSOR WITH CONTROLS WITH ASTRONOMICAL TIME-CLOCK OVER-RIDE.

POLE LIGHTS TO HAVE INTEGRATED OCCUPANCY SENSORS SUCH THAT LIGHT LEVELS MAY BE DIMMED TO 30% OUTPUT DURING PRESET HOURS (SET BY PROJECT OWNER) BUT DIMMED TO FULL OUTPUT WHEN MOTION IS DETECTED.

FIXTURES INTEGRATED WITHIN THE EAST FACADE TO BE PART OF THE INTERIOR LIGHTING CONTROL SYSTEM, WITH TIME-OF-USE SET WITH OTHER INTERIOR LIGHTING TREATMENTS.

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Drawn by: SS
Checked: CJB
Date: 5/3/2023
Scale: As indicated

Revisions:

No.	Date	Remarks

PERMIT DOCUMENTS

SITE LIGHTING PLAN AND LUMINAIRE SCHEDULE

L1.1

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