Huntington Middle School Modernization Kelso School District – No 458

Survey and Topo
Civil Drawings
Architectural Site Plan
Architectural Elevations

SITE PLAN
SCALE: 1" = 40'-0"

CT NO. 453 SCHOOL DISTRIC ELSO SCHOOL DISTRI HUNTINGTON MIDDLE

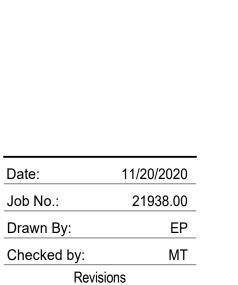
02/19/2021 Checked by: # Date Description

ARCHITECTURAL SITE PLAN

G010



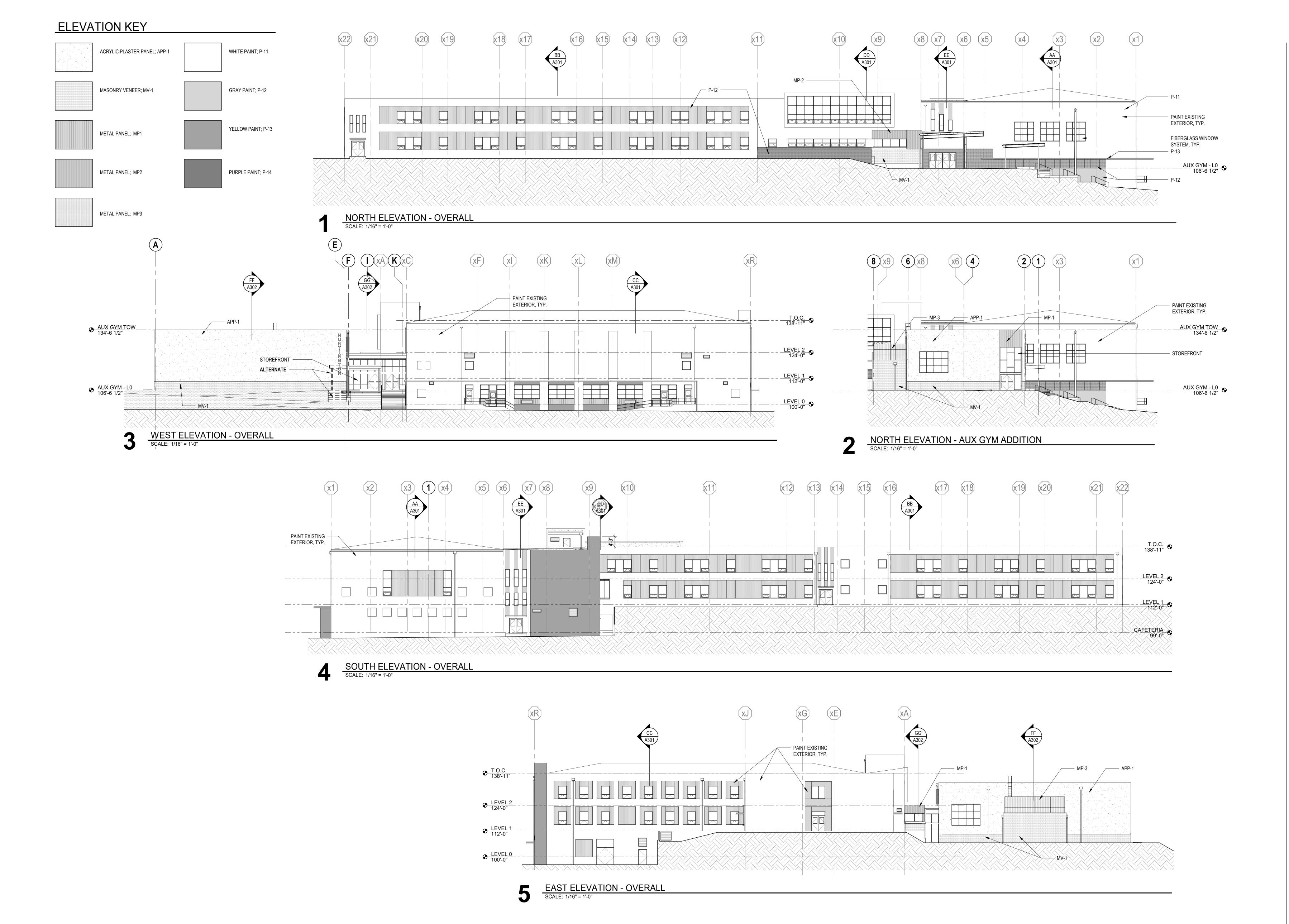
KELSO SCHOOL DISTRICT NO. 453 HUNTINGTON MIDDLE SCHOOL



OVERALL EXTERIOR ELEVATIONS -BUILDING 1

Date Description

A201



Drive By



Approach



PURPOSE:

THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING AND ARCHITECTURAL DESIGN THIS IS NOT A BOUNDARY SURVEY

DRAWING SETTINGS:

UNITS TO SCALE INSERTED CONTENT: US SURVEY FOOT NAD83 WASHINGTON STATE PLANES, SOUTH ZONE, US FOOT

MODEL SPACE ANNOTATION SCALE 1"=20 US FEET PAPER SPACE SCALE 1"=30 US FEET

CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS MINOR CONTOURS: 1 FOOT MAJOR CONTOURS: 5 FEET

WORK PERFORMED USING A 2 SECOND TOPCON GT-502 ROBOTIC TOTAL STATION, TOPCON GR-5 GPS-RTK EQUIPMENT, PRECISION EXCEEDS REQUIREMENTS OF W.A.C. 332-130-090

GIBBS & OLSON, INC., MAKES NO WARRANTIES AS TO MATTERS OF UNWRITTEN TITLE, SUCH AS ACQUIESCENCE, ESTOPPEL, ADVERSE POSSESSION, ETC.

UTILITY COMPANY CONTACTS:

DISTRICT	COMPANY	MARKING CONCERNS	SERVICE	
CMCST04	COMCAST CABLE COMM. MNGMT, LLC	800-788-9140	800-934-6489	
CNG27	CASCADE NAT GAS-LNGVW	360-423-1598	888-522-1130	
COWPUD03	COWLITZ COUNTY PUD	360-501-9546	360-501-9546	
KELSO01	CITY OF KELSO	360-423-5730	360-423-0900	
QLNWA16	CTLQL-CENTURYLINK	800-788-9140	800-283-4237	

UTILITY NOTES:

WASHINGTON UTILITY NOTIFICATION CENTER WAS CONTACTED NOVEMBER 22, 2019 (TICKET #19511328). THE SITE WAS LAST VISITED 02-18-2020 TO FIELD TIE LOCATE MARKINGS. UTILITY LOCATIONS WERE GATHERED BY MEASUREMENTS TO SURFACE MARKS AND LOCATION PAINT PROVIDED BY THE UTILITIES IN THE FIELD.

WASHINGTON UTILITY NOTIFICATION CENTER MUST BE NOTIFIED AT 800-424-5555 OR 811 PRIOR TO ANY CONSTRUCTION OR UNDERGROUND UTILITY LOCATION.

SURVEYOR MAKES NO GUARANTEE OF THE UNDERGROUND UTILITIES SHOWN IN THE AREA. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED; UTILITY LOCATIONS ARE GATHERED BY MEASUREMENTS TO SURFACE MARKS AND LOCATION PAINT PROVIDED BY THE UTILITIES IN THE FIELD.

SURVEY REFERENCES:

- TOWN OF KELSO, VOL. 3 OF PLATS, PAGE 12, NOVEMBER 3, 1888
- NORTHERN ADDITION TO KELSO, VOL. 3 OF PLATS, PAGE 103, APRIL 17, 1907 BIXBY'S ADDITION TO KELSO, VOL. 3 OF PLATS, PAGE 113, AUGUST 8, 1907
- ROSS' REPLAT, VOL. 4 OF PLATS, PAGE 5, APRIL 30, 1923
- MANNA-CRUMB SUBDIVISION, VOLUME 4 OF PLATS, PAGE 24, AUGUST 22, 1923
- UN-RECORDED MAP OF HILLDALE ADDITION TO KELSO, FILES OF COWLITZ COUNTY PUBLIC WORKS PLAT OF HILLDALE ADDITION TO THE CITY OF KELSO, VOL. 4 OF PLATS, PAGE 37, FEBRUARY 4, 1924
- MILLERS SUBDIVISION, VOLUME 4 OF PLATS, PAGE 38, FEBRUARY 6, 1924 PLAT OF MASON'S SUBDIVISION, VOL. 7 OF PLATS, PAGE 77, JUNE 8, 1937
- WASHINGTON STATE HIGHWAY COMMISSION, SR431 COWLITZ RIVER BRIDGE TO JCT. P.S.H. NO.1, SHEETS 1-3 OF 5, MARCH 25,
- WASHINGTON STATE HIGHWAY COMMISSION, SR5 LONGVIEW WYE TO ROCKY POINT, SHEETS 9-10 OF 12, AUGUST 11, 1972 ROS, VOL. 28 OF SURVEYS, PAGE 163, AFN 3335457, MAY 22, 2007
- 13. ROS, VOL. 29 OF SURVEYS, PAGE 11, AFN 3344426, AUGUST 16, 2007
- 14, ROS, VOL. 35 OF SURVEYS, PAGE 66, AFN 3540082, MARCH 7, 2016

VACATION ORDINANCES:

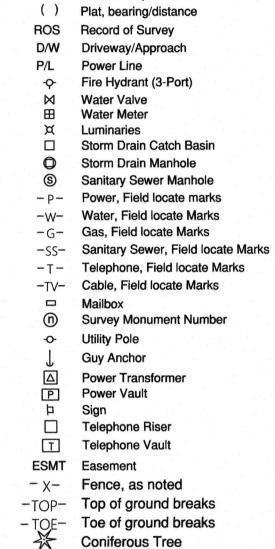
CITY OF KELSO ORDINANCE NO. 890, WASHINGTON STATE ARCHIVES, JULY 16, 1951 CITY OF KELSO ORDINANCE NO. 993, WASHINGTON STATE ARCHIVES, MAY 14, 1956 CITY OF KELSO ORDINANCE NO. 1098, WASHINGTON STATE ARCHIVES, APRIL 6, 1959 CITY OF KELSO ORDINANCE NO. 2528, AFN 780902, VOL. 818, PG 877, JANUARY 2, 1973 CITY OF KELSO ORDINANCE NO. 2529, WASHINGTON STATE ARCHIVES, JANUARY 15, 1973

MONUMENT NOTES:

- IN ACCORDANCE WITH THE PROVISIONS OF WASHINGTON ADMINISTRATIVE CODE (WAC) CHAPTER 332-120 AND THE REVISED CODE OF WASHINGTON (RCW) TITLE 58; ANY MONUMENT SHOWN ON THIS PLAN SET OR FOUND IN THE FIELD WHICH CANNOT BE PROTECTED AND WILL BE DESTROYED, SHALL BE REFERENCED BY A LICENSED SURVEYOR, AND AN APPLICATION FILED WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES (DNR), PER WAC 322-120-050 PRIOR TO THE MONUMENT BEING DISTURBED OR DESTROYED.
- ANY MONUMENTS DISTURBED OR DESTROYED SHALL BE REPLACED IN ACCORDANCE WITH WAC
- NO PART OF THIS STATEMENT SHALL RELIEVE A CONTRACTOR OR THEIR SURVEYOR OF ANY OF THE PROVISIONS OF THE WAC OR RCW WITH REGARDS TO DUTIES AND RESPONSIBILITIES RELATED TO SURVEY MONUMENTATION AND ITS PRESERVATION OR REPLACEMENT.







Deciduous Tree

Found Corner Monuments as noted

Found rebar & cap as noted

Calculated point, not found or set

Control Point

BASIS OF BEARING: SOUTH 21°36'38" EAST BETWEEN MONUMENTS NO. 61 AND NO.26, WASHINGTON COORDINATE SYSTEM, SOUTH ZONE 4602, NAD 83/2011 (GEOID 12B) AND NAVD88 DERIVED FROM WASHINGTON STATE REFERENCE NETWORK (WSRN) STATION: CROK3

MONUMENT #61

N: 309448.34' E: 1031465.67' EL: 42.87' LAT: N046° 09' 23.3159" LON: W122° 54' 12.1592" SCALE FACTOR: 0.99994241 CONVERGENCE: -001° 44' 44.8919"

MONUMENT #26 N: 307371.7282'

E: 1032288.2950 EL: 110.509' LAT: N046° 09' 03.0718" LON:` W122° 53' 59.5808"

UNLESS OTHERWISE NOTED, DISTANCES ARE GRID DISTANCES. TO CALCULATE GROUND DISTANCE, DIVIDE GRID DISTANCE BY THE SCALE FACTOR: 0.99994241

SURVEY CONTROL AND MONUMENTS:

- #3 SET MAG IN NO PARKING AREA 20' NORTHERLY OF HMS SIGN SURVEY CONTROL POINT N=308625.82 E=1030923.54 ELEV=18.89
- #4 SET MAG NAIL IN ASPHALT @ EASTERLY EDGE KELSO AVE AT SOUTHERLY EDGE BRUSH SURVEY CONTROL POINT N=309085.80 E=1031083.98 ELEV=22.92
- #5 FOUND 5/8" REBAR AND CAP "HAMPSTUR CORP LS 37529" SURVEY PROPERTY CORNER N=307906.21 E=1031498.25 ELEV=128.64
- #6 FOUND 1" INSIDE DIAMETER IRON PIPE 0.6' BELOW GRADE SURVEY PROPERTY CORNER N=307800.93 E=1031367.68 ELEV=124.61
- #7 FOUND NAIL WITH PLASTIC TAG AT SURFACE SURVEY PROPERTY CORNER N=307474.17 E=1031304.78 ELEV=120.09
- #8 SET MAG NAIL IN SIDEWALK SEAM EASTERLY SIDE KELSO AVE @ SOUTHERLY BLEACHER LINE SURVEY CONTROL POINT N=308173.16 E=1030902.70 ELEV=16.78
- #9 SET MAG NAIL NORTHERLY EDGE KELSO DRIVE AT CANAAN ROAD SURVEY CONTROL POINT N=309251.34 E=1031211.61 ELEV=28.86
- #10 FOUND 5/8" REBAR AND CAP "HAMPSTUR CORP LS 37529" SURVEY PROPERTY CORNER N=307970.35 E=1031325.40 ELEV=80.81
- #11 SET HUB AND TACK SURVEY CONTROL POINT N=308302.07 E=1031246.31 ELEV=19.00
- #12 SET HUB AND TACK SURVEY CONTROL POINT N=308107.75 E=1030991.00 ELEV=18.88
- #13 FOUND 5/8" REBAR AND CAP "HAMPSTUR CORP LS 37529" SURVEY PROPERTY CORNER N=307834.20 E=1031210.50 ELEV=79.48
- #15 SET MAG NAIL IN ASPHALT SURVEY CONTROL POINT N=308577.07 E=1031193.86 ELEV=24.37
- #16 SET MAG NAIL IN ASPHALT LOT SURVEY CONTROL POINT N=308584.35 E=1031455.78 ELEV=37.01
- #17 SET HUB AND TACK IN GRASS EAST OF ASPH SURVEY CONTROL POINT N=308601.15 E=1031481.81 ELEV=39.20
- #18 SET HUB AND TACK S'LY EDGE CANAAN RD SURVEY CONTROL POINT N=309078.74 E=1031411.1 ELEV=49.04
- #25 FOUND 2-1/4" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=307880.11 E=1032303.90 ELEV=152.48
- #26 FOUND 2-1/2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=307371.73 E=1032288.29 ELEV=110.51
- #27 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=307173.01 E=1032315.74 ELEV=97.62

- SURVEY PROPERTY CORNER
- #29 FOUND 2-1/4" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER
- #30 FOUND 2-1/2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER
- #31 FOUND 2-1/2" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER
- #32 FOUND 1-1/4" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER
- #33 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER
- #34 FOUND 2-1/4" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER
- #35 FOUND 2" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER
- #51 FOUND 40D SPIKE IN CONCRETE IN MONUMENT CASE SURVEY PROPERTY CORNER
- #52 FOUND 2" BRASS CAP IN CONCRETE AT SURFACE SURVEY PROPERTY CORNER N=308549.71 E=1030865.52 ELEV=19.60
- WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=308275.43 E=1030852.54 ELEV=18.27
- #54 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=307869.27 E=1030655.27 ELEV=19.45
- #55 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=307580.25 E=1030321.66 ELEV=20.42
- #59 FOUND 2" INSIDE DIAMETER IRON PIPE SURVEY PROPERTY CORNER N=309035.35 E=1031000.2 ELEV=22.08
- #60 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=309384.53 E=1031385.44 ELEV=38.02
- #61 FOUND 2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE SURVEY PROPERTY CORNER N=309448.34 E=1031465.67 ELEV=42.87
- #22059 FOUND 3/4" IDIP 1' EXPOSED SURVEY PROPERTY CORNER N=309158.62 E=1031382.42 ELEV=50.01

#28 FOUND 2-1/2" INSIDE DIAMETER IRON PIPE WITH CONCRETE AND WIRE IN MONUMENT CASE N=306742.04 E=1032451.51 ELEV=73.99

WITH CONCRETE AND WIRE IN MONUMENT CASE N=306296.41 E=1032696.06 ELEV=39.53

N=306176.59 E=1032761.85 ELEV=31.26

WITH CONCRETE AND WIRE IN MONUMENT CASE N=305450.59 E=1033097.18 ELEV=14.77

WITH CONCRETE AND WIRE IN MONUMENT CASE N=305369.86 E=1033165.53 ELEV=16.40

N=305350.77 E=1033193.31 ELEV=17.40

WITH CONCRETE AND WIRE IN MONUMENT CASE N=305322.42 E=1033220.77 ELEV=18.28

WITH CONCRETE AND WIRE IN MONUMENT CASE N=305259.32 E=1033261.12 ELEV=18.75

N=308771.32 E=1030876.00 ELEV=20.55

#53 FOUND 2" INSIDE DIAMETER IRON PIPE

WITH CONCRETE AND WIRE IN MONUMENT CASE



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Datum: NAD83(2011)

Survey Book: 1848

Project Milestone:

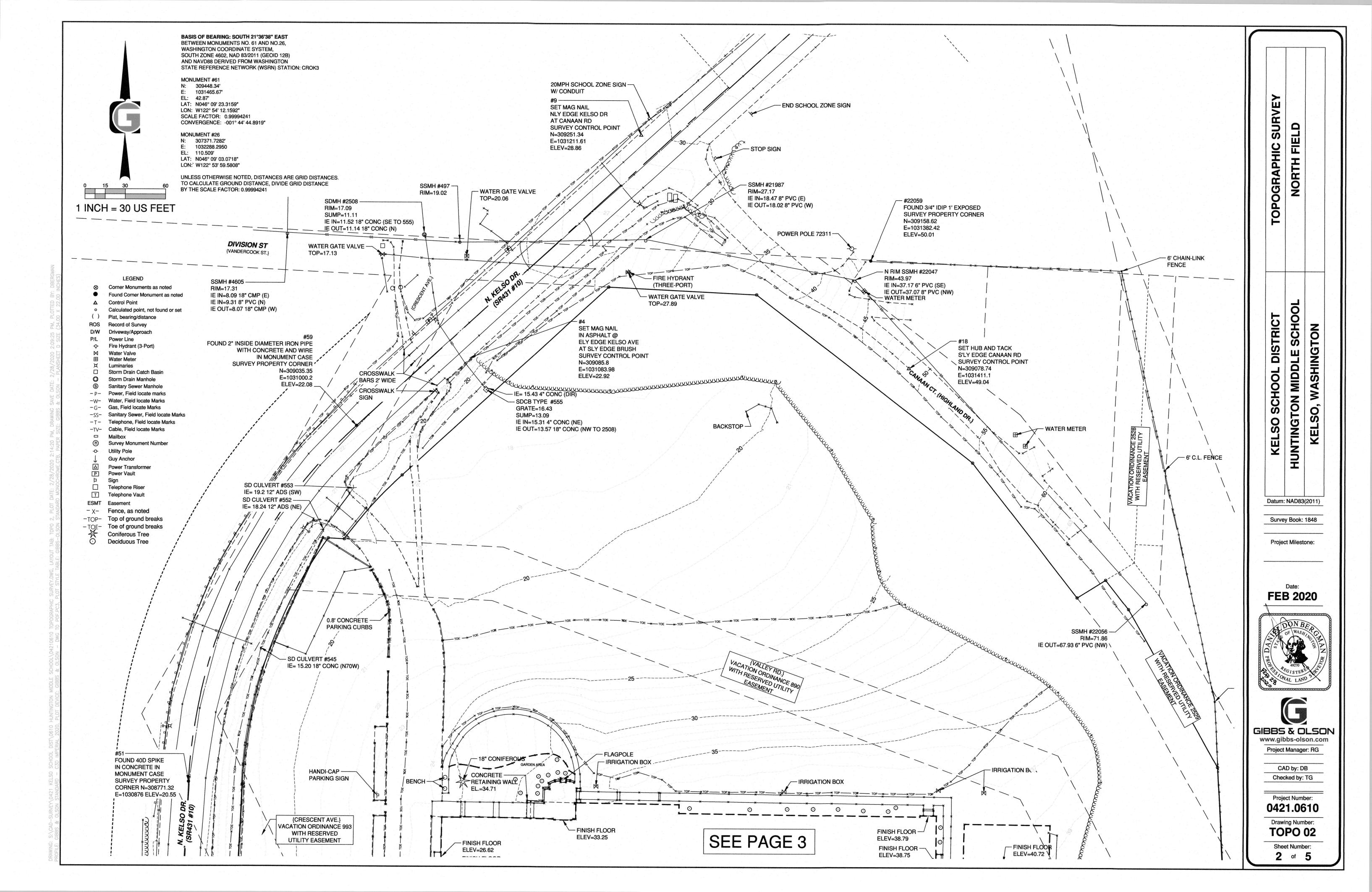
FEB 2020

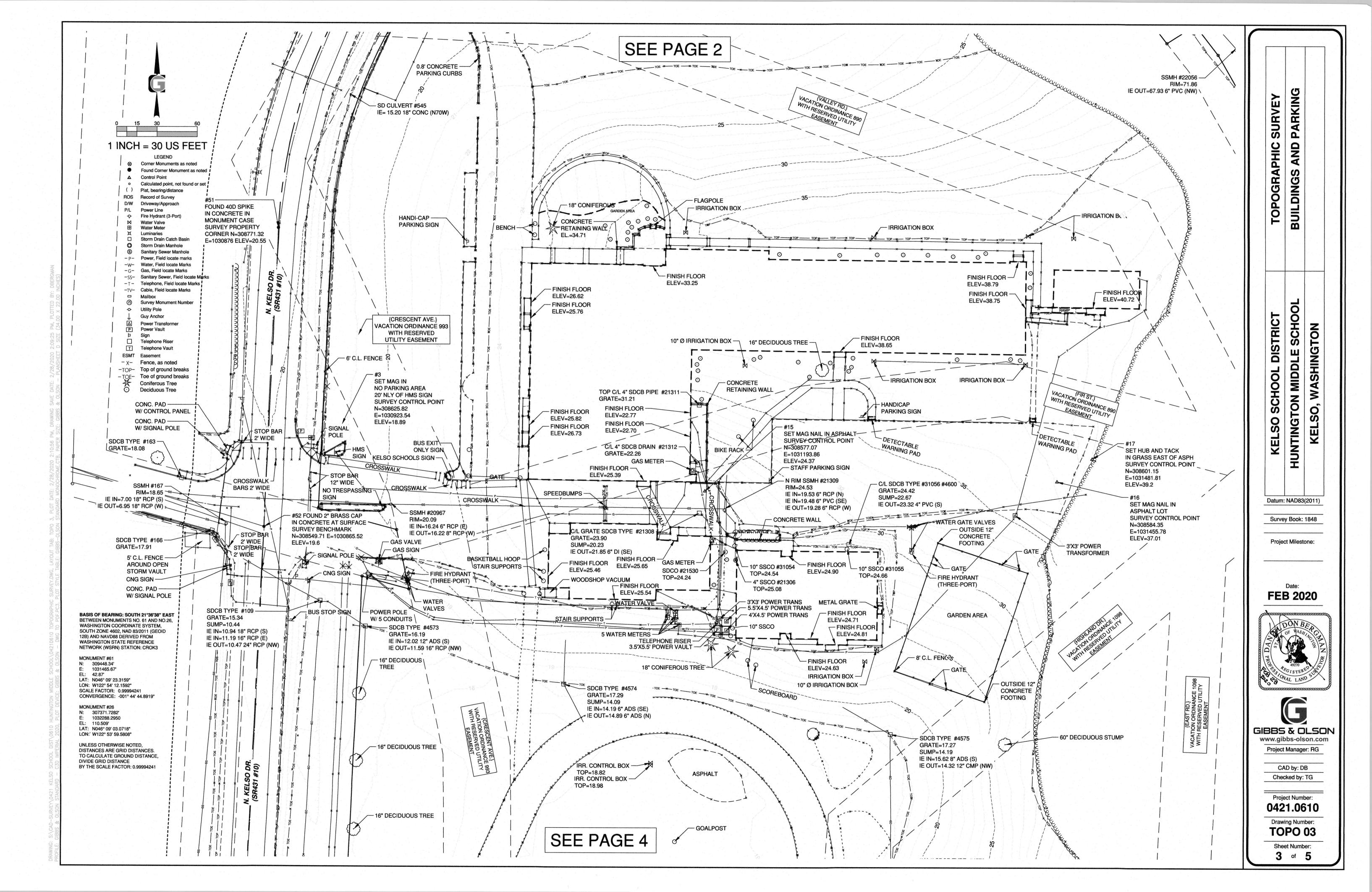
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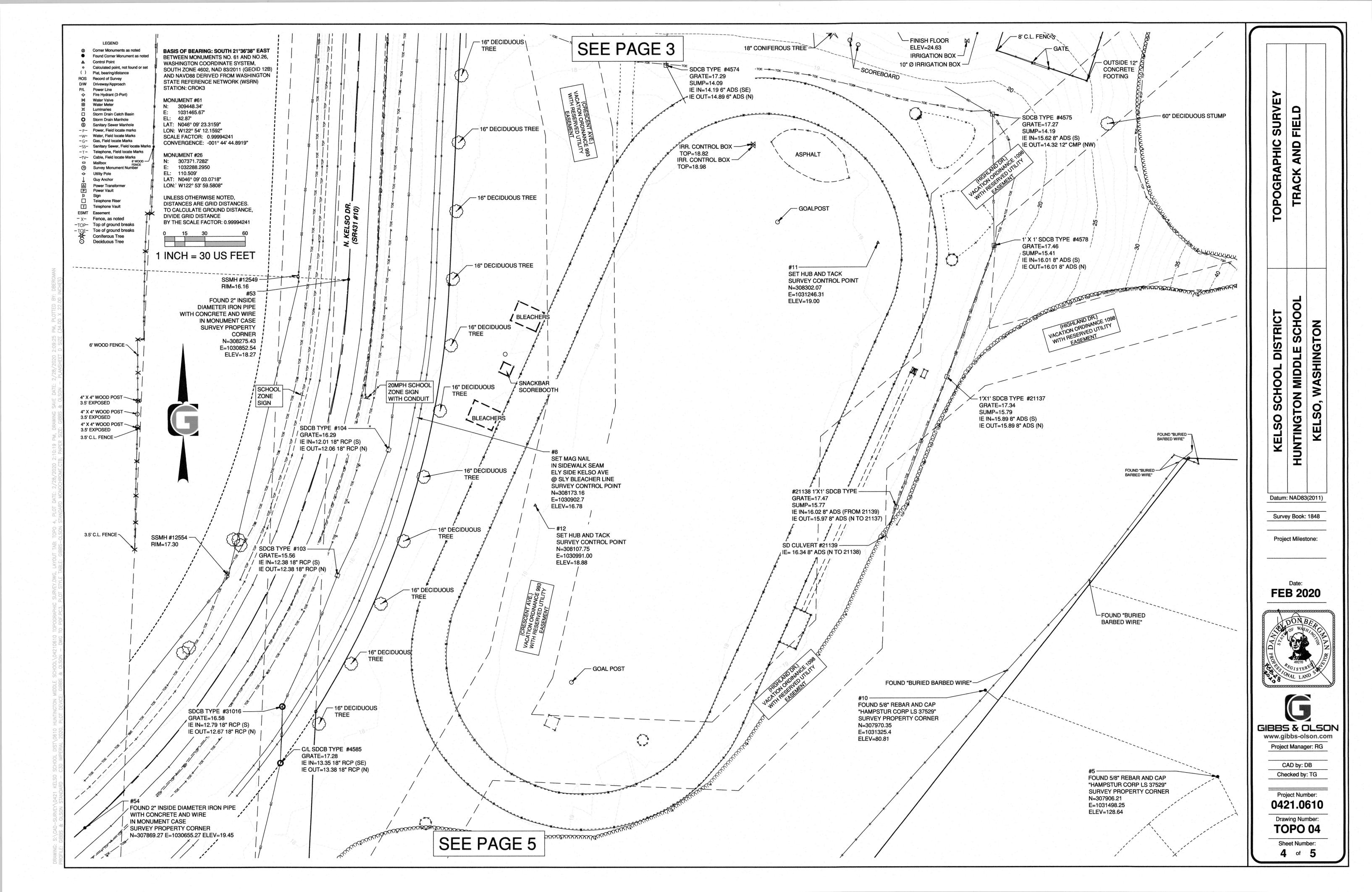
Project Number: 0421.0610 **Drawing Number:**

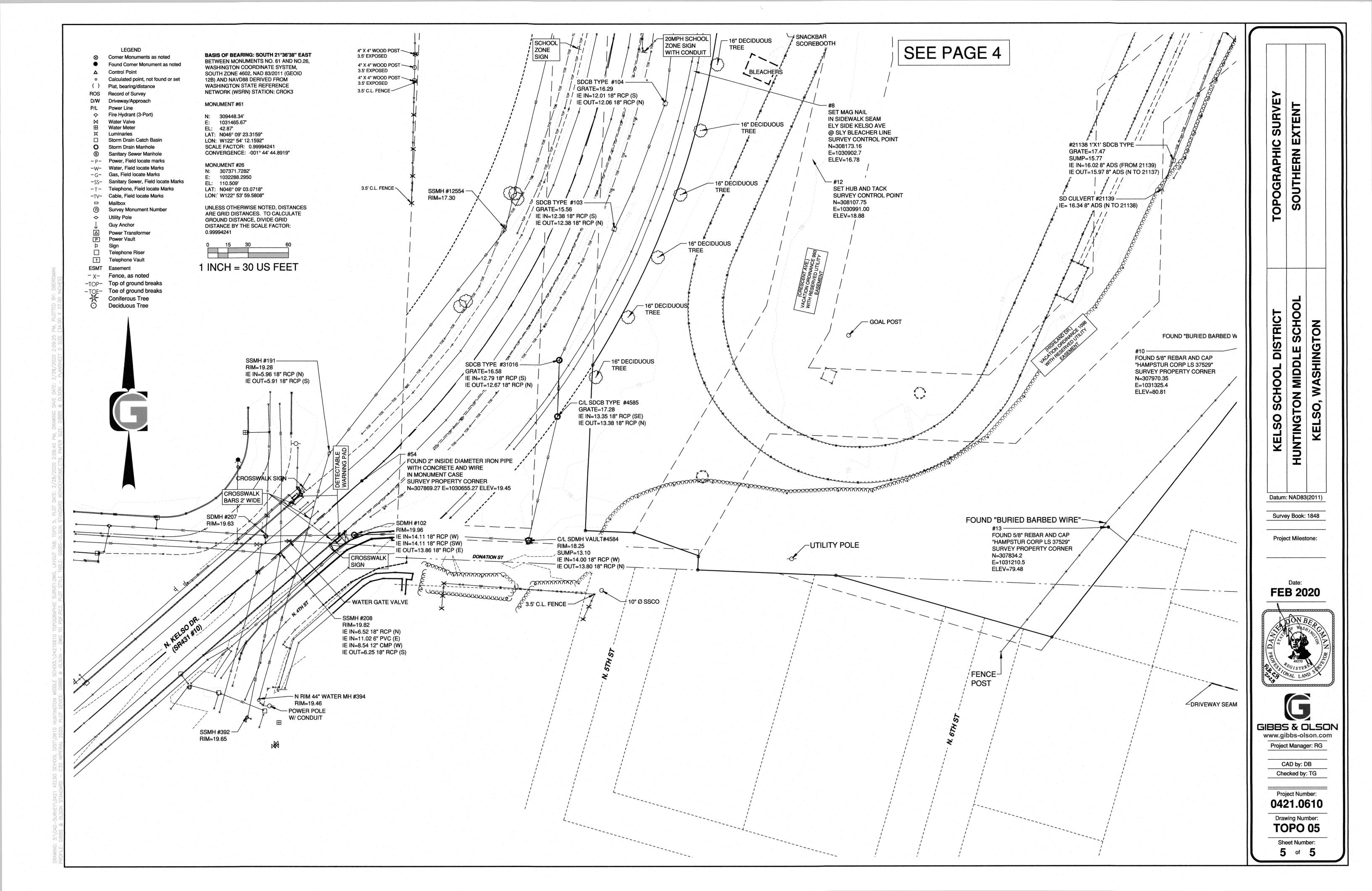
> Sheet Number: of **5**

TOPO 01









Revisions
Date Description

COVER SHEET

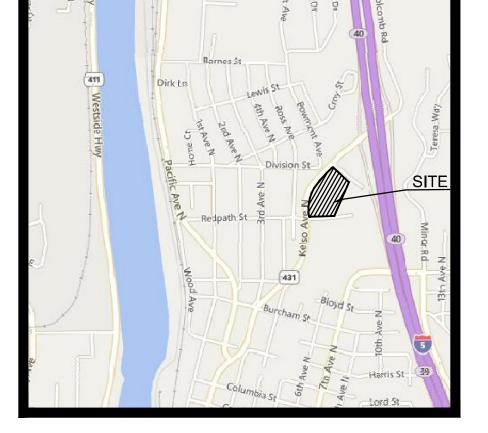
C001

PRELIMINARY
SUBJECT TO AGENCY REVIEW
NOT FOR CONSTRUCTION

100% DESIGN DOCUMENTS

HUNTINGTON MIDDLE SCHOOL - MODERNIZATION AND ADDITION

LOCATED IN SECTION 26, TOWNSHIP 8 NORTH, RANGE 2 WEST, WILLAMETTE MERIDIAN COWLITZ COUNTY, WASHINGTON



VICINITY MAP

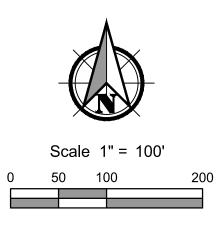
Mechanical Engineer: Hultz - BHU

Tacoma, WA 98402

Nick Hultz; PM

(253) 383-3257

1111 Fawcett Ave, Suite 100



Sheet List Table				
Sheet Number	Sheet Description			
C001	COVER SHEET			
C002	GENERAL NOTES			
C003	LEGEND			
C101	EXISTING CONDITIONS AND DEMO PLAN			
C102	EXISTING CONDITIONS AND DEMO PLAN FOR PATH			
C201	EROSION CONTROL PLAN			
C202	EROSION CONTROL PLAN FOR PATH			
C203	EROSION CONTROL DETAILS			
C301	SITE PLAN			
C302	SITE PLAN FOR PATH			
C401	SITE GRADING KEY MAP			
C402	AUXILIARY GYM GRADING PLAN			
C403	PARKINGLOT ADDITION AND CHILLER PAD GRADING PLAN			
C501	UTILITY PLAN			
C601	BID ALTERNATE CONCRETE FORUM SEATING PLAN			

CONTACT INFO: Owner: Kelso School District 601 Crawford Street

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Civil Engineer:

PBS Engineering + Environmental

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Elissa Peters; PE

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Seattle, WA 98104
Matt Taylor, AIA
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(206) 628-3137

PBS Engineering + Environmental 4412 SW Corbett Ave Portland, OR 97239 Ryan White; PE, GE ryan.white@pbsusa.com (503) 539-5028

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(360) 425-0991 x-109

Geotechnical Engineer:

Electrical Engineer:

Hultz - BHU

1111 Fawcett Ave, Suite 100

Tacoma, WA 98402

Seri Hamm; LC

(253) 383-3257

PROJECT ADDRESS: 500 Redpath Street Kelso, WA 98626

BASIS OF BEARING:
BETWEEN MONUMENTS NO. 61 AND NO. 26, SOUTH ZONE 4602, NAD 83/2011
(GEOID 12B) AND NAVD88 DERIVED FORM WASHINGTON STATE
REFERENCE NETWORK (WSRN) STATION: CROK3

N=309448.34' E=1031465.67' EL=42.87' LAT=N046° 09' 23.3159" LON=W122° 54' 12.1592" MONUMENT #26 N=307371.7282'

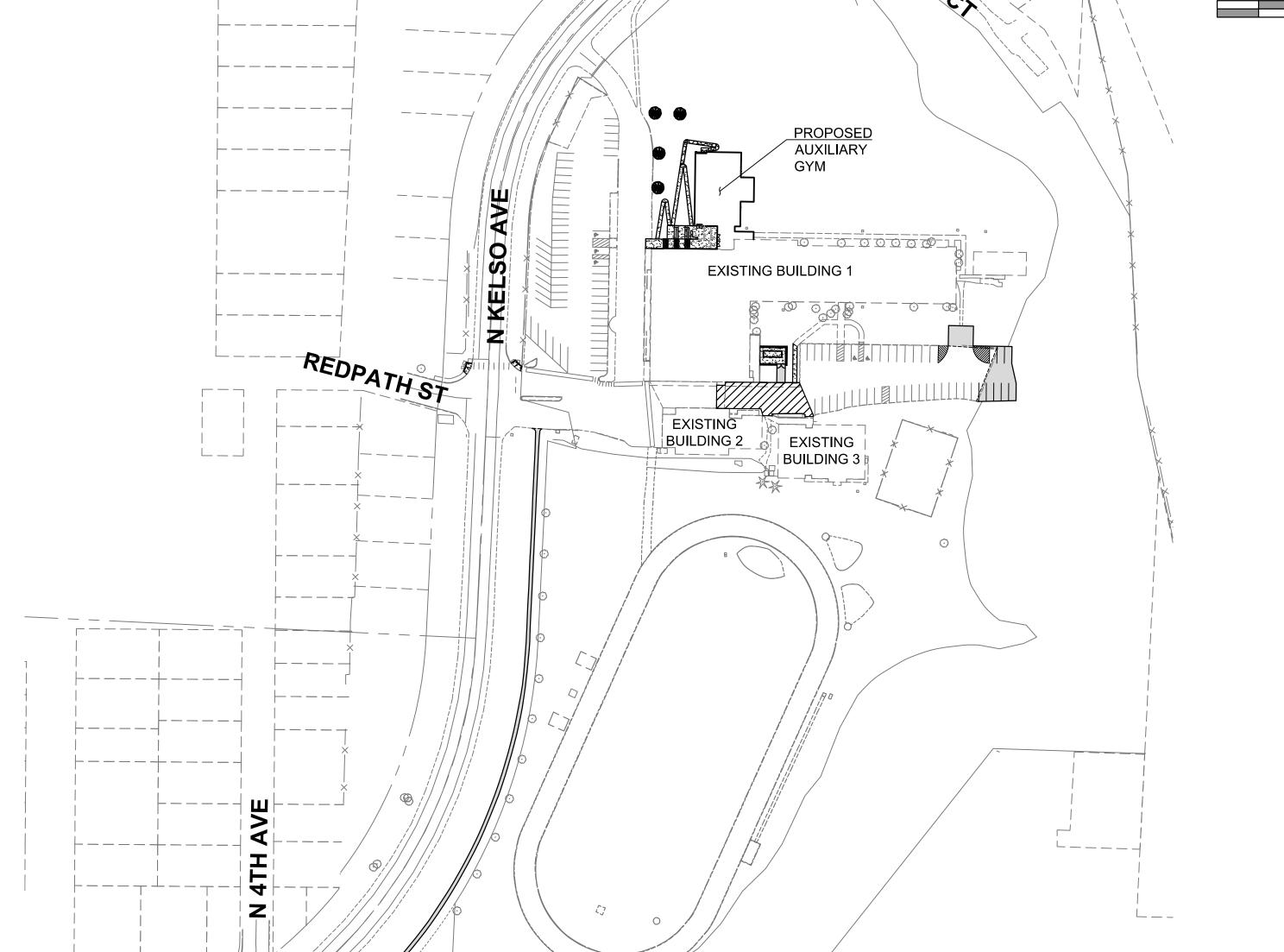
MONUMENT #61

E=1032288.2950' EL=110.509' LAT=N046° 09" 03.0718" LON=W122° 53' 59.5808"

PROJECT NOTE:
CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE
COWLITZ COUNTY ENGINEERING STANDARDS FOR CONSTRUCTION

"I HEREBY CERTIFY THAT THESE PLANS, AND RELATED DESIGN, WERE PREPARED IN CONFORMANCE WITH THE CITY OF KELSO'S ENGINEERING DESIGN MANUAL. I ACKNOWLEDGE THAT CITY APPROVAL OF THESE DOCUMENTS DOES NOT TRANSFER LIABILITY."

Α	PRELIMINARY - ISSUED FOR REVIEW			
No.	Revision	Date	Bv	App'd



DIVISION ST

N DONATION ST

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE LATEST EDITION OF THE KELSO ENGINEERING **DESIGN MANUAL.**
- 2. THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS, PROJECT SPECIFICATIONS, ADDENDA, CHANGE ORDERS, AND SWPPP ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN AND UPDATE A FULL SIZE SET OF AS-BUILTS AND THE SWPPP.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS AND/OR RIGHT OF ENTRIES PRIOR TO CONSTRUCTION WORK.
- 4. EXISTING UTILITIES SHOWN ON THE PLANS ARE PER SURFACE LOCATING AND RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. IF CONFLICT EXISTS, NOTIFY UTILITY COMPANY AND ENGINEER.
- 5. IF EXISTING CURB AND SIDEWALK DEDICATED TO REMAIN ARE DAMAGED, THE CURB AND/OR SIDEWALK SHALL BE REMOVED AND REPLACED TO THE ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- 6. ALL STREET SIGNS AND STRIPING SHALL BE INSTALLED PER THE CURRENT MUTCD.

PBS - EROSION CONTROL NOTES

- 1. APPROVAL OF THIS EROSION AND SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
- 2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND VEGETATION IS ESTABLISHED.
- 3. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 4. CARE SHOULD BE TAKEN TO NOT DISTURB MORE AREA THAN NEEDED FOR CONSTRUCTION REQUIREMENTS. ALL DISTURBED SOIL SURFACES ARE TO BE STABILIZED. STABILIZATION OF DISTURBED SOIL AREAS WILL CONSIST OF: HYDROSEEDING OR HANDSEEDING, MULCHING, PLACING OF EROSION CONTROL BLANKETS OR PLASTIC IN LANDSCAPING SOIL AREAS. IT WILL ALSO CONSIST OF PAVING AND CONCRETE WORK IN DRIVING, PARKING, AND SIDEWALK AREAS. ALL SEEDED AREAS ARE TO BE FERTILIZED, WATERED, AND MAINTAINED TO ENHANCE THE IMMEDIATE REGROWTH OF VEGETATION.
- 5. MATERIAL STOCKPILES ARE TO BE PROTECTED FROM PRECIPITATION BY THE **FOLLOWING MEANS:**
- TEMPORARY COVER PILES WITH TARPS OR PLASTIC SHEETING WEIGHTED WITH TIRES. LUMBER OR CONCRETE BLOCKS.
- PERMANENT COVER PILES WITH TARPS OR PLASTIC, OR RESEED. PERIMETER AREAS AROUND PILES ARE TO BE SURROUNDED WITH EROSION CONTROL FILTER FABRIC FENCES UNTIL SOILS SURFACE IS STABILIZED WITH RESEEDING.
- 6. ALL EROSION PREVENTION AND CONTROL BMPS SHALL BE INSPECTED, MAINTAINED AND REPAIRED AS NEEDED THROUGHOUT CONSTRUCTION TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. INSPECTION AND MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO:
- VERIFYING THAT ALL AREAS ARE GRADED SUCH THAT ALL RUNOFF IS DIRECTED TO A SEDIMENTATION TRAP FACILITY BEFORE DISCHARGING TO SURFACE.
- REMOVAL OF TRAPPED SILTS AT SILT BARRIERS, SILT TRAPS, OR POINTS OF ACCUMULATION.
- ADDITIONAL PROTECTIVE MEASURES, AS REQUIRED, DUE TO JOB SITE CONDITIONS.
- STABILIZED CONSTRUCTION ENTRANCES INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. MONITORING OF VEHICLES LEAVING THE SITE TO MINIMIZE TRANSMISSION OF LOOSE SOILS TO THE PUBLIC ROADWAYS.
- IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE SURFACE IS TO BE CLEANED THOROUGHLY AT THE END OF EACH DAY.
- 7. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.
- 8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED 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. THIS SEDIMENTATION AND EROSION CONTROL PLAN IS INTENDED TO BE UTILIZED AS A GUIDE TO CONTROL THE TRANSPORTATION OF LOOSE SOILS FROM THE PROPERTY THAT CAUSE WATER QUALITY AND NUISANCE PROBLEMS OUTSIDE OF THE CONSTRUCTION AREA.
- 10.DEPENDING UPON THE CONTRACTOR'S CONSTRUCTION PRACTICES. SOME PORTIONS OF THE PROPOSED EROSION CONTROL PLAN MAY BE VARIED ACCORDING TO THE JOB SITE CONDITION. ALL CHANGES TO THE PLAN MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ADJUSTMENT.

PBS - INADVERTENT DISCOVERY

1. IN THE EVENT ANY ARCHAEOLOGICAL OR HISTORIC MATERIALS ARE ENCOUNTERED

DURING PROJECT ACTIVITY, WORK IN THE IMMEDIATE AREA (INITIALLY ALLOWING FOR A 100' BUFFER; THIS NUMBER MAY VARY BY CIRCUMSTANCE) MUST STOP AND THE FOLLOWING ACTIONS TAKEN:

- IMPLEMENT REASONABLE MEASURES TO PROTECT THE DISCOVERY SITE, INCLUDING ANY APPROPRIATE STABILIZATIONS OR COVERING: AND
- TAKE REASONABLE STEPS TO INSURE THE CONFIDENTIALITY OF THE DISCOVERY SITE; AND,
- TAKE REASONABLE STEPS TO RESTRICT ACCESS TO THE SITE OF DISCOVERY.
- 2. THE PROJECT PROPONENT WILL NOTIFY THE CONCERNED TRIBES AND ALL APPROPRIATE COUNTY, STATE, AND FEDERAL AGENCIES, INCLUDING THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION. THE AGENCIES AND TRIBE(S) WILL DISCUSS POSSIBLE MEASURES TO REMOVE OR AVOID CULTURAL MATERIAL, AND WILL REACH AN AGREEMENT WITH THE PROJECT PROPONENT REGARDING ACTIONS TO BE TAKEN AND DISPOSITION OF MATERIAL.
- 3. IF ANY CULTURAL RESOURCES AND OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND OR FINES.
- 4. SEE THE REVISED CODE OF WASHINGTON, CHAPTER 27.53, "ARCHAEOLOGICAL SITES AND RESOURCES," FOR APPLICABLE STATE LAWS AND STATUTES. SEE ALSO WASHINGTON STATE EXECUTIVE ORDER 05-05, "ARCHAEOLOGICAL AND CULTURAL RESOURCES." ADDITIONAL STATE AND FEDERAL LAW(S) MAY ALSO APPLY.

PBS - SITE GRADING

- 1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE GEOTECHNICAL REPORT PREPARED BY PBS ENGINEERING, DATED 8/31/2018 SPECIFICALLY FOR THIS SITE.
- 2. THE ENTIRE SITE IS TO BE MOWED AND STRIPPED TO REMOVE ALL GRASS, ROOTS, ORGANIC SOIL, AND CONSTRUCTION FILL DEBRIS PRIOR TO THE BEGINNING OF ANY GRADING OPERATIONS. THE CONTRACTOR SHALL SALVAGE AND STOCKPILE ENOUGH SELECT TOP SOIL TO ACCOMMODATE LANDSCAPING NEEDS.
- 3. FOLLOWING STRIPPING AND GRUBBING, THE EXPOSED SOILS SHALL BE PROOF ROLLED TO REVEAL WEAK, ORGANIC, OR OTHER UNSUITABLE SOILS. UNSUITABLE SOILS SHALL BE EXCAVATED TO FIRM GROUND AND FILLED TO GRADE WITH SUITABLE NATIVE OR STRUCTURAL FILL.
- 4. EXPOSED SUBGRADE SOILS ON AREAS TO RECEIVE STRUCTURAL FILL SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES.
- 5. FILL AREAS SHALL BE STRUCTURALLY FILLED WITH SURPLUS SUITABLE MATERIALS FROM CUT AREAS OR IMPORTED STRUCTURAL FILL. SELECT MATERIALS SHALL BE PLACED IN FILL AREAS IN LIFTS NOT TO EXCEED 8". EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY. FILL MATERIALS SHOULD BE FREE OF ORGANICS, AND ROCK FRAGMENTS IN EXCESS OF 6" IN DIMENSION.
- 6. COMPACTION TESTING SHALL BE DONE IN ACCORDANCE WITH THE AASHTO T-99
- 7. AT THE END OF THE GRADING OPERATION, THE STOCKPILED STRIPPINGS SHALL BE DISTRIBUTED ON THE LANDSCAPE AREAS IN A COMPACTED DEPTH NOT TO EXCEED
- 8. ALL DELETERIOUS MATERIALS GENERATED DURING SITE GRADING AND STRIPPINGS NOT UTILIZED IN THE FINAL GROUND COVER OPERATION SHALL BE HAULED FROM THE SITE TO A CONTRACTOR PROVIDED WASTE SITE.
- 9. ANY EXCESS MATERIAL, NOT REQUIRED TO COMPLETE THE GRADES SHOWN ON THE PLANS SHALL BE HAULED FROM THE SITE TO A CONTRACTOR PROVIDED WASTE
- 10. ALL SURFACES SHALL BE GRADED SMOOTH AND FREE OF IRREGULARITIES THAT MIGHT ACCUMULATE SURFACE WATER.
- 11. ALL GRADING OPERATIONS AND DISTURBED SURFACE STABILIZATION SHALL BE IN ACCORDANCE WITH THE PROJECT'S EROSION CONTROL PLAN SHEETS.

PBS - STORM SEWER

- I. ROOF DRAIN PIPE MATERIALS SHALL BE ASTM-D-3034 PVC PIPE OR APPROVED EQUAL. THE ROOF DRAIN PLUMBING LAYOUT IS SCHEMATIC AND MAY BE VARIED WITHIN THE UNIFORM PLUMBING CODE GUIDELINES. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND ELEVATION OF THE ROOF DRAINS WITH THE PLUMBING PLANS.
- 2. MATERIALS FOR STORM SEWER PIPE UP TO 10-INCHES IN DIAMETER SHALL BE CORRUGATED POLYETHYLENE DRAIN PIPE OR APPROVED EQUAL, COUPLINGS MEETING THE REQUIREMENTS OF AASHTO M 252 TYPE S (ADS N-12, OR PROJECT APPROVED), UNLESS OTHERWISE NOTED.
- 3. MATERIALS FOR STORM SEWER PIPE 12-INCHES THROUGH 60 -INCHES SHALL BE CORRUGATED POLYETHYLENE PIPE OR APPROVED EQUAL AND COUPLINGS MEETING THE REQUIREMENTS OF AASHTO M 294 TYPE S, UNLESS OTHERWISE NOTED.

PBS - DEWATERING

- 1. PER THE GEOTECHNICAL ENGINEER, STATIC GROUNDWATER MAY BE PRESENT AT DEPTHS OF APPROXIMATELY 7-10 FEET BELOW THE EXISTING GROUND SURFACE. THE GROUNDWATER LEVELS CAN FLUCTUATE DURING THE YEAR DEPENDING ON CLIMATE, IRRIGATION SEASONS, EXTENDED PERIODS OF PRECIPITATION, DROUGHT AND OTHER FACTORS.
- 2. DEWATERING MAY BE REQUIRED TO TEMPORARILY REDUCE THE GROUNDWATER **ELEVATION TO ALLOW SITE CONSTRUCTION INCLUDING PROPOSED BELOW-GRADE** STRUCTURES AND INSTALLATION OF UTILITIES.
- 3. OVER EXCAVATION AND STABILIZATION OF PIPE TRENCHES OR OTHER EXCAVATIONS

- WITH IMPORTED CRUSHED AGGREGATE OR GABION ROCK MAY ALSO BE NECESSARY TO PROVIDE ADEQUATE SUBGRADE SUPPORT.
- 4. DEWATERING MAY BE MORE FEASIBLY CONDUCTED BY INSTALLING A SYSTEM OF TEMPORARY WELL POINTS AND PUMPS AROUND PROPOSED EXCAVATION AREA OR UTILITY TRENCHES. WELL PUMPS SHOULD REMAIN FUNCTIONING AT ALL TIMES DURING THE EXCAVATION AND CONSTRUCTION PERIOD. SUITABLE BACK-UP PUMPS AND POWER SUPPLIES SHOULD BE AVAILABLE TO PREVENT UNANTICIPATED SHUT-DOWN OR DEWATERING EQUIPMENT.
- 5. CONTRACTOR TO BE FAMILIAR WITH AND FOLLOWING THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY PBS ENGINEERING AND **ENVIRONMENTAL (GEOTECHNIAL ENGINEERING REPORT, DATED APRIL 13,2020)**

PBS - SANITARY

- 1. ALL SANITARY SEWERS ARE TO BE D-3034 PVC WITH 12 GAUGE SOFT DRAWN (GREEN) TRACER WIRE AS INDICATED ON THE PLANS, AND SHALL BE TESTED. CLEANED, AND TV'D IN ACCORDANCE WITH THE CITY OF LONGVIEW STANDARD SPECIFICATIONS.
- 2. ALL SANITARY SEWER LATERALS ARE TO BE A MINIMUM 6" PVC WITH A MINIMUM SLOPE OF 2%. LATERALS SHALL HAVE 36" COVER OVER TOP OF PIPE AT RIGHT-OF-WAY, OR SHALL REQUIRE DUCTILE IRON PIPE & APPROVAL FROM THE CITY ENGINEER. 6" SERVICE LATERALS MUST DISCHARGE INTO MAINLINE NOT INTO MANHOLES. SERVICE LATERALS SHALL BE A MINIMUM OF 7.5 FEET FROM THE NEAREST MANHOLE OR MAIN CLEANOUT.
- 3. CLEANING BY USE OF HIGH PRESSURE NOZZLE & VAC TRUCK REQUIRED PRIOR TO TESTING OR TV'ing. TELEVISION INSPECTION OF ALL SANITARY SEWER LINES IS REQUIRED, INCLUDING 6" LATERALS. T.V. INSPECTION SHALL BE PERFORMED IN AN OPERATION & CHRONOLOGICAL ORDER AS DIRECTED BY THE INSPECTOR AFTER ALL TESTING & CORRECTIONS ARE COMPLETED. EACH REPORT AND TAE SHALL BE COMPLETE WITH NO PIECE MEAL OR SKIPPING AROUND THE SYSTEM WHEN THE FINAL REPORTS & MEDIA ARE SUBMITTED TO THE CITY FOR ACCPETANCE. ALL T.V. WORK TO BE DONE IN PRESENCE OF CITY INSPECTOR.
- 4. PULLING MANDRELL IN ALL SANITARY SEWER MAIN LINES IS REQUIRED. VACUUM TESTING ALL NEW SANITARY SEWER MANHOLE SIS REQUIRED.
- 5. TRACE WIRE TEST TO PROVE CONTINUITY IS REQUIRED.
- 6. ALL SANITARY SEWER PIPE WHICH CROSS WATER PIPES SHALL BE DUCTILE IRON PIPE 20' SECTION CENTERED OVER WATER PIPE IN ACCORDANCE WITH W-290, W-295, W-300.
- 7. AS BUILT DRAWINGS & TV REPORTS SHALL BE SUBMITTED & APPROVED PRIOR TO ACCEPTANCE.
- 8. ALL BACKFILL SHALL BE \(\frac{5}{8}\)" MINUS (CSTC).
- 9. FOUNDATION MATERIAL & GEO GRID SHALL BE INSTALLED TO THE DEPTH AS DIRECTED BY THE CITY INSPECTOR.
- 10. ALL PAVEMENT PATCHES SHALL BE 2" PLUS EXISTING IN DEPTH OR AS DIRECTED BY THE CITY INSPECTOR.
- 11. THE EXISTING SANITARY SEWER SYSTEM SHALL STAY ISOLATED FROM THE NEW SYSTEM VIA MECHANICAL PLUG UNTIL THE NEW SYSTEM IS CLEANED, TESTED, TV'D. & APPROVED FOR USE.

PBS - WATER

- 1. ALL WATER SYSTEM WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF CITY SPECIFICATIONS, AND THE LATEST EDITION OF WSDOT/APWA SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPLE CONSTRUCTION, AND THE WASHINGTON STATE DIVISION ADMINISTRATIVE RULES CHAPTER 333, IN THAT ORDER.
- 2. ALL WATER AND SANITARY SEWER LATERALS TO BE POTHOLED FOR PIPE SIDE, TYPE, AND DEPTH PRIOR TO CONSTRUCTION. SHOP DRAWINGS ARE REQUIRED AND SHALL BE APPROVED PRIOR TO ANY CONNECTIONS.
- 3. SHUT DOWNS OF THE WATER SYSTEM FOR CONNECTIONS WILL BE DONE BETWEEN TUESDAY THROUGH THURSDAY FROM 8AM TO 4PM. MAX TIME THE WATER MAY BE OFF IS 4 HOURS.
- 4. ALL WATERLINE PIPE SHALL HAVE MINIMUM COVER OF 36 INCHES OVER TOP OF PIPE.
- 5. ALL PIPE AND FITTINGS SHALL BE RESTRAINED JOINT. FITTINGS TO BE MEGA-LUG. PIPE TO AHVE FIELD LOCK GASKETS. ALL PIPE SHALL HAVE SECONDARY RESTRAINT WITH THRUST BLOCKS OR APPROVED EQUAL.
- 6. AS BUILT DRAWINGS SHALL BE SUBMITTED & APPROVED PRIOR TO ACCEPTANCE.
- 7. CONTRACTOR SHALL MAINTAIN A MINIMUM 10' HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN ALL EXISTING AND PROPOSED WATER AND SEWER LINES.









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11/13/2020 21938.00 PVR / ANW EAP Checked by: Revisions

GENERAL NOTES

Date Description

C002











Date:	11/13/2020
Job No.:	21938.00
Drawn By:	PVR / ANW
Checked by:	EAP
Revis	sions

LEGEND

PRELIMINARY
SUBJECT TO AGENCY REVIEW
NOT FOR CONSTRUCTION

100% DESIGN DOCUMENTS

KELSO

C003

Proposed/Future Li	netype Legend	Symbol Leg
Proposed Sanitary Sewer Pipe		Existing Water Valve
Proposed Sanitary Lateral		Existing Gas Valve
Proposed Storm Pipe		
Proposed Water Lateral		Existing Fire Hydrant
Proposed Water Pipe		Existing Power Pole
Proposed Irrigation Pipe		Existing Water Meter
Proposed Irrigation Lateral		Existing Irrigation Box
Proposed Lot Line		Existing Project Bench Marl
Proposed Centerline		Existing Light Fixture
Proposed Right-of-way		Existing Sanitary Manhole
Proposed Sawcut Line		Existing Storm Manhole
Proposed Easement		
Proposed Curb & Gutter		Existing Catch Basin
Proposed Edge Of Pav't		Existing Area Drain
Proposed Sidewalk		Existing Power Vault
Proposed Wall Proposed Building		Existing Power Transforme
Proposed Setback		Existing Cleanout
Proposed Property Line		Existing Gas Meter
Proposed Cut Line		Existing Sign
Proposed Score Line		Proposed Street Light
Proposed Paint Stripe		Proposed Road Barrier
Proposed Fence	—×—×—×—×—	Proposed Road Sign
Proposed Wetland Buffer		Proposed Flow Arrow
Proposed Wetland Perimeter		Proposed Catch Basins
Proposed Contour	253	Proposed Area Drain
Erosion Control Filter Fabric Fence	—x—x—x—x—	Proposed Combination Cur
		Proposed Storm Reducer
		Proposed Rain Drain
		Proposed Storm Cleanout
		Proposed Storm Manhole
		Proposed Sedimentation M
		Proposed Drywell
		Proposed Sanitary Cap
		Proposed Sanitary Reduce
		Proposed Sanitary Cleanou

Proposed Water Bend Tee W/valve Proposed Water Bend Tee W/tb

Proposed Water 22½° Bend W/tb Proposed Water 111/4° Bend W/tb

Proposed Water 45° Bend W/tb Proposed Water 90° Bend W/tb

Proposed Water Temporary Blowoff Proposed Water Standard Blowoff

Proposed Water Stand Pipe Proposed Water Bend X

Proposed Water Reducer

Proposed Fire Hydrant

Proposed Water Thrust Block

Symbol Legend		Symbol Legend		
Existing Water Valve	WV	Proposed Irrigation Meter		
Existing Gas Valve	Ø	Proposed Irrigation Backflow Device		
Existing Fire Hydrant	-6-	Proposed Irrigation Valve	181	
Existing Power Pole	-0-	Proposed Irrigation Bend Tee W/valve	⊠ <u>₹</u>	
Existing Water Meter	⊞	Proposed Irrigation Bend Tee W/tb	ı <u></u> €	
Existing Irrigation Box		Proposed Water 22½° Bend W/tb	_	
Existing Project Bench Mark		Proposed Water 11¼° Bend W/tb	_	
Existing Light Fixture	\$\tag{\tag{\tag{\tag{\tag{\tag{\tag{	Proposed Irrigation 45° Bend W/tb	4	
Existing Sanitary Manhole	S	Proposed Irrigation 90° Bend W/tb	<₫	
Existing Storm Manhole	(5)	Proposed Irrigation Stand Pipe	> ⊴	
Existing Catch Basin		Proposed Irrigation Bend X	8 <u>+</u> 8	
Existing Area Drain		Proposed Irrigation Temporary Blowoff	<u>}</u>	
Existing Power Vault	P	Proposed Irrigation Standard Blowoff	№	
Existing Power Transformer		Proposed Irrigation Reducer	<u> </u>	
Existing Cleanout	0	Proposed Irrigation Thrust Block	\triangleright	
Existing Gas Meter	0	Proposed Inlet Protection Pillow		
Existing Sign	Д	Proposed Gravel Construction Entrance	289	
Proposed Street Light	+			
Proposed Road Barrier		Proposed Sedimentation Trap		
Proposed Road Sign	+	Erosion Control feature code		
Proposed Flow Arrow	\leftarrow	& ID number	E 3.30	
Proposed Catch Basins		BMP Type	(IP-1	
Proposed Area Drain	Ø	Curb Return Identifier	(14)	
Proposed Combination Curb Inlet				
Proposed Storm Reducer	•			
Proposed Rain Drain	•			
Proposed Storm Cleanout	•			
Proposed Storm Manhole	•			
Proposed Sedimentation Manhole	0			
Proposed Drywell	•			
Proposed Sanitary Cap	I			
Proposed Sanitary Reducer	•			
Proposed Sanitary Cleanout	0			
Proposed Sanitary Manhole	0			
Proposed Fire Protection Vault				
Proposed Water Meter	·			
Proposed Water Backflow Device				
Proposed Water Valve	181			

⊠⊴

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Abbreviation Legend		Abbreviation Legend	
Acres	AC	High Water Elevation	HW
Assembly	ASS'Y	Hydrant	HYD
Avenue	AVE	Invert Elevation	ΙE
Approved	APP'D	Intersection	INTX
Butterfly	BF	Invert	INV
Boulevard	BLVD	Length	L
Benchmark	BM	Lateral	LAT
Blow Off	ВО	Left	LT
Back Of Curb	ВОС	Maximum	MAX
Begin Vertical Curve	BVC	Manhole	MH
Care Of	C/O	Minimum	MIN
Catch Basin	CB	Mechanical Joint	MJ
Cubic Feet	CF	Number	No. or #
Cast Iron	CI	Overhead Electric	OHE
Cement	CEM	Pavement	PAV'T
Circle	CIR	Place	PL
	COK	Point Of Curve	PC
City of Kelso Centerline	Q COK		PC PP
		Power Pole	
Cleanaut	CMP	Point Of Reverse Curve	PRC
Cleanout	COMP	Point Of Reverse Vertical Curve	PRVC
Combination	COMB	Point Of Tangent	PT P) (I
Compaction	COMP	Point Of Vertical Intersection	PVI
Concrete	CONC	Polyvinyl Chloride	PVC
Construction	CONST	Proposed	PROP
Corrugated Polyethylene	CPE	Radius	R
Concrete Sewer Pipe	CSP	Rain Drain	RD
Court	CT	Right Of Way	R/W
Cubic Yard	CY	Return	RET
Cement	CEM	Right	RT
Depth	D	Sheet	SHT
Ductile Iron	DI	Stainless Steel	SS
Diameter	DIA	Steel	STL
Ductile Iron Pipe	DIP	Sidewalk	S/W
Down Spout	DS	Street	ST
Edge Of Pavement	EOP	Station Centerline	STA
End Curb Return	ER	Standard	STD
Easement	ESMT	Sanitary	SAN
Existing	EXTG	Storm	STM
Elevation	EL	Tangent	T
Electric	ELEC	Thrust Block	TB
End Vertical Curb	EVC		TBM
	FF	Temporary Benchmark	TC
Finished Floor		Top Of Datia	
Finished Grade	FG	Top Of Patio	TP
Fire Hydrant	FH	Telephone	TEL
Flange	FLG	Temporary	TEMP
Force Main	FM	Top Of Manhole	TOP
Foot / Feet	FT	Typical	TYP
Gas	G	Top of Walk	TW
Galvanized Iron	GI	Underground Electric	UGE
Ground	GRD	Vertical Curve	VC
Gate Valve	GV	Vertical Curve Vertical	VERT
High Density Polyethylene	HDPE		
Horizontal	HORIZ	State of Washington Department of Transporation	WSDOT
		Water	WTR
		With	W/
		Without	W/O
		Water Meter	WM

Existing Effects	pe Legena	i ioposca/i ataic
Existing Sanitary Sewer Pipe	ss ss ss	Proposed Sanitary Sewer Pipe
Existing 4" Sanitary Sewer Pipe		Proposed Sanitary Lateral
Existing 6" Sanitary Sewer Pipe		Proposed Storm Pipe
Existing 8" Sanitary Sewer Pipe	8" SS 8" SS	Proposed Water Lateral
Existing 10" Sanitary Sewer Pipe	10" SS 10" SS	Proposed Water Pipe
Existing 12" Sanitary Sewer Pipe	12" SS 12" SS	Proposed Irrigation Pipe
Existing 15" Sanitary Sewer Pipe	15" SS 15" SS	Proposed Irrigation Lateral
Existing 18" Sanitary Sewer Pipe	18" SS 18" SS	Proposed Lot Line
Existing 24" Sanitary Sewer Pipe	24" SS 24" SS	Proposed Centerline
Existing 30" Sanitary Sewer Pipe	30" SS 30" SS	Proposed Right-of-way
Existing Sanitary Force Main	FM FM FM	Proposed Sawcut Line
Existing Storm Sewer Pipe	SD SD SD	Proposed Easement
Existing 4" Storm Sewer Pipe		Proposed Curb & Gutter
Existing 6" Storm Sewer Pipe		Proposed Edge Of Pav't
Existing 8" Storm Sewer Pipe		Proposed Sidewalk
Existing 10" Storm Sewer Pipe	10" SD10" SD	Proposed Wall
Existing 10" Storm Sewer Pipe	12" SD12" SD	Proposed Building
	15" SD15" SD	Proposed Setback
Existing 15" Storm Sewer Pipe	——————————————————————————————————————	Proposed Property Line
Existing 18" Storm Sewer Pipe	24" SD24" SD	Proposed Cut Line
Existing 24" Storm Sewer Pipe		
Existing Water Pipe		Proposed Score Line
Existing 4" Water Pipe		Proposed Paint Stripe
Existing 6" Water Pipe		Proposed Fence
Existing 8" Water Pipe		Proposed Wetland Buffer
Existing 10" Water Pipe	10" WL10" WL	Proposed Wetland Perimeter
Existing 12" Water Pipe		Proposed Contour
Existing 15" Water Pipe	15" WL 15" WL	Erosion Control Filter Fabric Fer
Existing 18" Water Pipe	18" WL 18" WL	
Existing 24" Water Pipe	24" WL 24" WL	
Existing Water Lateral		
Existing Irrigation Pipe		
Existing 4" Irrigation Pipe		
Existing 6" Irrigation Pipe		
Existing 8" Irrigation Pipe		
Existing 10" Irrigation Pipe	10" IRR 10" IRR	
Existing 12" Irrigation Pipe	12" IRR 12" IRR	
Existing Irrigation Lateral		
Existing Cable Tv Line	TVTVTV	
Existing Electric Line	E E E E	
Existing Gas Line	G G G G	
Existing Over Head Power Line	OHP OHP OHP	
Existing Telephone Line	ттттт	
Existing Fiber Optic Line	F0 F0 F0	
Existing Underground Utility Line	UGP UGP	
Existing Centerline	<u> </u>	
Existing Curb		
Existing Lot Line		
Existing Gravel road		
Existing Paint Stripe		
Existing Right-of-way		
Existing Building		
Existing Wetland Perimeter		
Existing Wetland Buffer		
Existing Property Line		
Existing Utility Easement		
Existing Quarter Section		
Existing Railroad		
E : 0	1	

__×___×___×___×__ _____

Existing Fence
Existing Wall
Existing Contour

Existing Linetype Legend

MATCHLINE- SEE SHEET C102

BASIS OF BEARING: SOUTH 21°36'38" EAST BETWEEN MONUMENTS NO. 61 AND NO.26, WASHINGTON COORDINATE SYSTEM, SOUTH ZONE 4602, NAD 83/2011 (GEOID 12B) AND NAVD88 DERIVED FROM WASHINGTON STATE REFERENCE NETWORK (WSRN) STATION: CROK3

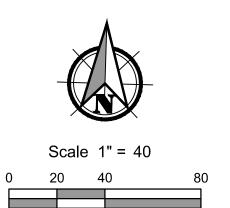
MONUMENT #61 N: 309448.34' E: 1031465.67' EL: 42.87' LAT: N046° 09' 23.3159" LON: W122° 54' 12.1592"

LAT: N046° 09' 23.3159" LON: W122° 54' 12.1592" SCALE FACTOR: 0.99994241 CONVERGENCE: -001° 44' 44.8919" MONUMENT #26

N: 307371.7282' E: 1032288.2950 EL: 110.509' LAT: N046° 09' 03.0718" LON:` W122° 53' 59.5808"

EXISTING LINETYP	E LEGEND	
EXISTING SANITARY PIPE	SS	SS
EXISTING STORM PIPE	SD	—— SD —
EXISTING WATER PIPE	WL	WL
EXISTING GAS	——— G —	G
EXISTING CENTERLINE		
EXISTING CURB		
EXISTING SIDEWALK		
EXISTING LOT LINE		
EXISTING RIGHT-OF-WAY		
PROJECT SITE EXISTING PROPERTY LINE		
EXISTING PROPERTY LINE		
EXISTING POWER	——— P —	— P ——
EXISTING TELEPHONE	—— Т —	T
EXISTING TV		ΓV

SYMBOL LEGEND	
EXISTING FIRE HYDRANT	-
EXISTING WATER METER	⊞
EXISTING WATER VALVE	₩V
EXISTING IRRIGATION BOX	
EXISTING STORM INLET	
EXISTING STORM MANHOLE	()
EXISTING STORM CLEANOUT	0
EXISTING SANITARY MANHOLE	S
EXISTING SANITARY CLEANOUT	0
EXISTING GAS VALVE	\square
EXISTING GAS METER	0
EXISTING TELEPHONE RISER	
EXISTING SIGN	П
EXISTING LIGHT FIXTURE	$ \Leftrightarrow $
EXISTING POWER VAULT	Р
EXISTING POWER TRANSFORMER	
EXISTING UTILITY POLE	-0-











KELSO SCHOOL DISTRICT NO. 453 HUNTINGTON MIDDLE SCHOOL MODERNIZATION AND ADDITION 500 REDPATH ST, KELSO, WA 98626

 Date:
 11/13/2020

 Job No.:
 21938.00

 Drawn By:
 PVR / ANW

 Checked by:
 EAP

 Revisions

 #
 Date
 Description

EXISTING CONDITIONS AND DEMO PLAN

C101

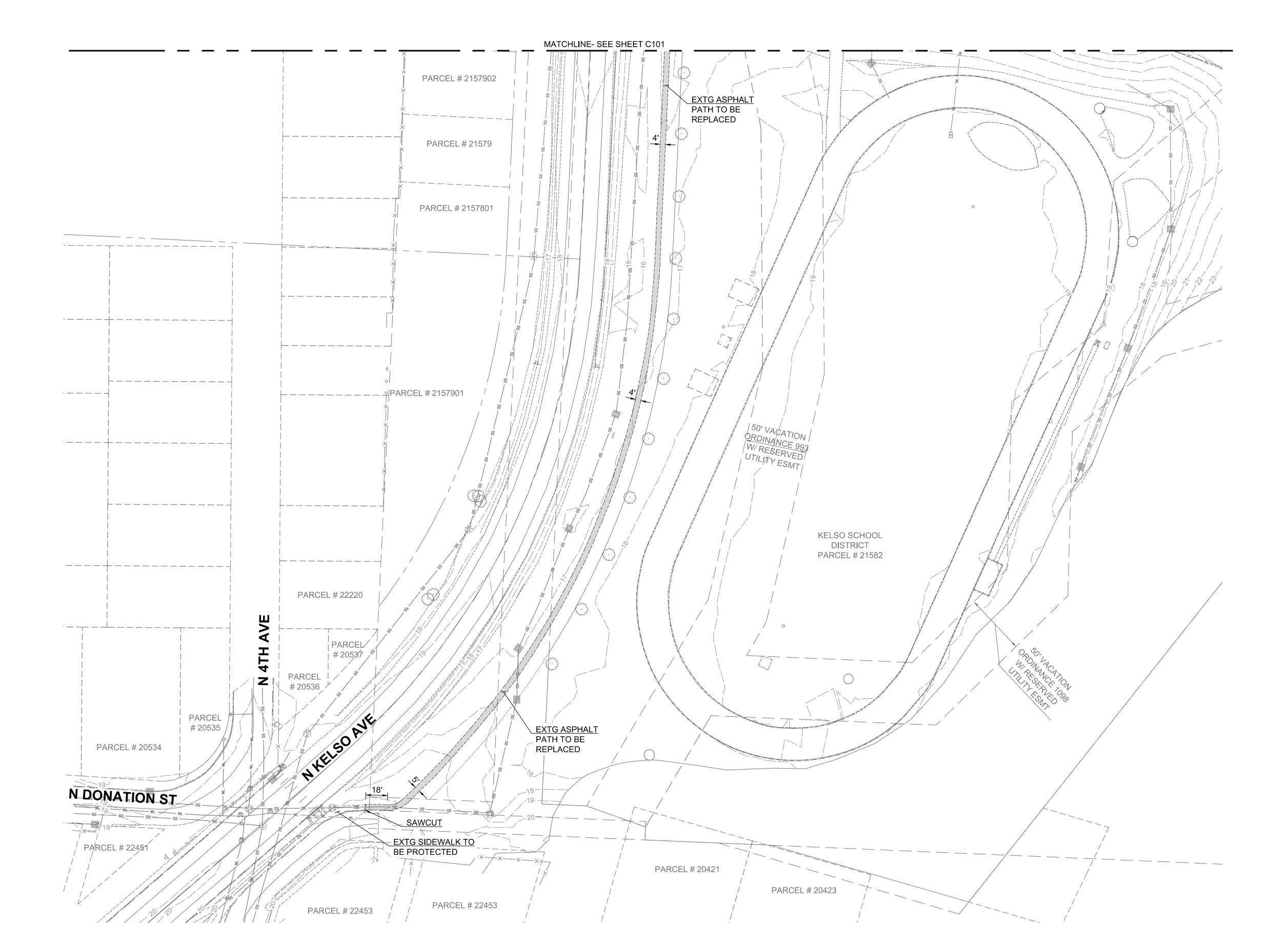
EXISTING
CONDITIONS
AND DEMO PLAN

C102

FOR PATH

PRELIMINARY
SUBJECT TO AGENCY REVIEW
NOT FOR CONSTRUCTION

100% DESIGN DOCUMENTS



BASIS OF BEARING: SOUTH 21°36'38" EAST
BETWEEN MONUMENTS NO. 61 AND NO.26,
WASHINGTON COORDINATE SYSTEM,
SOUTH ZONE 4602, NAD 83/2011 (GEOID 12B) AND NAVD88
DERIVED FROM WASHINGTON STATE REFERENCE NETWORK
(WSRN) STATION: CROK3

MONUMENT #61

N: 309448.34' E: 1031465.67'

EL: 42.87'

LAT: N046° 09' 23.3159" LON: W122° 54' 12.1592"

SCALE FACTOR: 0.99994241 CONVERGENCE: -001° 44' 44.8919"

MONUMENT #26 N: 307371.7282'

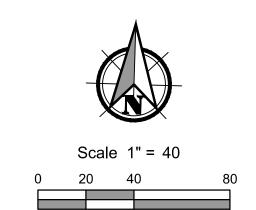
N: 30/3/1./282 E: 1032288.2950

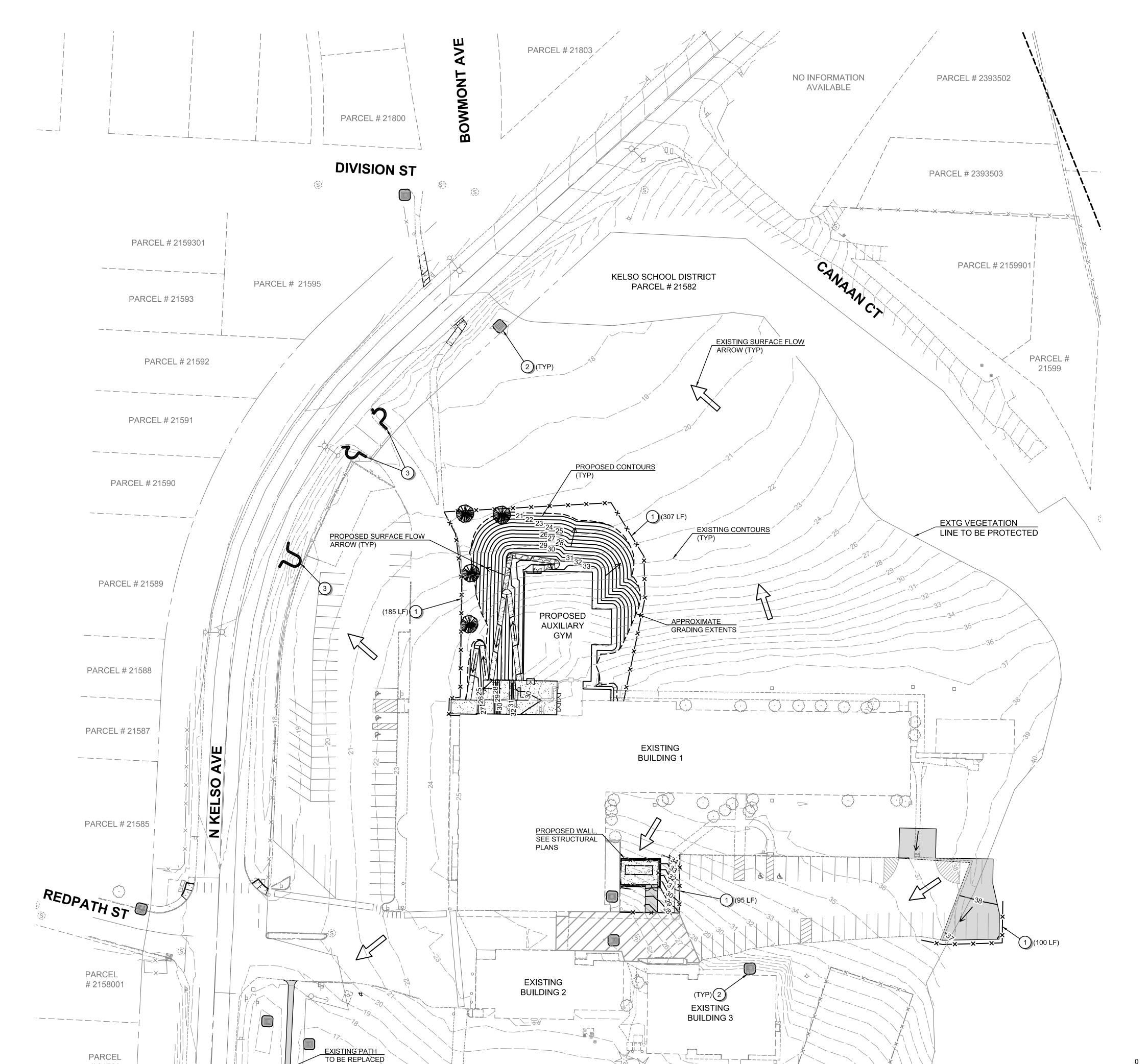
EL: 110.509' LAT: N046° 09' 03.0718"

LON:` W122° 53' 59.5808"

EXISTING LINETYP	E LEGEND	
EXISTING SANITARY PIPE	SS	—— SS ——
EXISTING STORM PIPE	SD	—— SD ——
EXISTING WATER PIPE	WL	WL
EXISTING GAS	——— G ——	G
EXISTING CENTERLINE		_
EXISTING CURB		
EXISTING SIDEWALK		
EXISTING LOT LINE		
EXISTING RIGHT-OF-WAY		
PROJECT SITE EXISTING PROPERTY LINE		
EXISTING PROPERTY LINE		
EXISTING POWER	———— P ——	— P ——
EXISTING TELEPHONE	Т	— T —
EXISTING TV	Т	V

SYMBOL LEGEND	
EXISTING FIRE HYDRANT	
EXISTING WATER METER	⊞
EXISTING WATER VALVE	₩V
EXISTING IRRIGATION BOX	
EXISTING STORM INLET	
EXISTING STORM MANHOLE	ST
EXISTING STORM CLEANOUT	0
EXISTING SANITARY MANHOLE	S
EXISTING SANITARY CLEANOUT	0
EXISTING GAS VALVE	\square
EXISTING GAS METER	
EXISTING TELEPHONE RISER	
EXISTING SIGN	Д
EXISTING LIGHT FIXTURE	$\diamondsuit \longrightarrow \swarrow$
EXISTING POWER VAULT	P
EXISTING POWER TRANSFORMER	
EXISTING UTILITY POLE	-0-

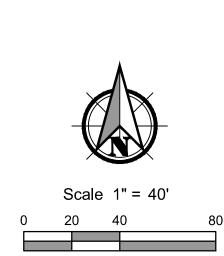


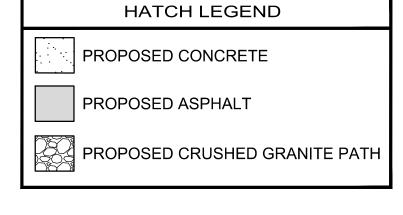


MATCHLINE- SEE SHEET C202

PARCEL

21580





GENERAL NOTES

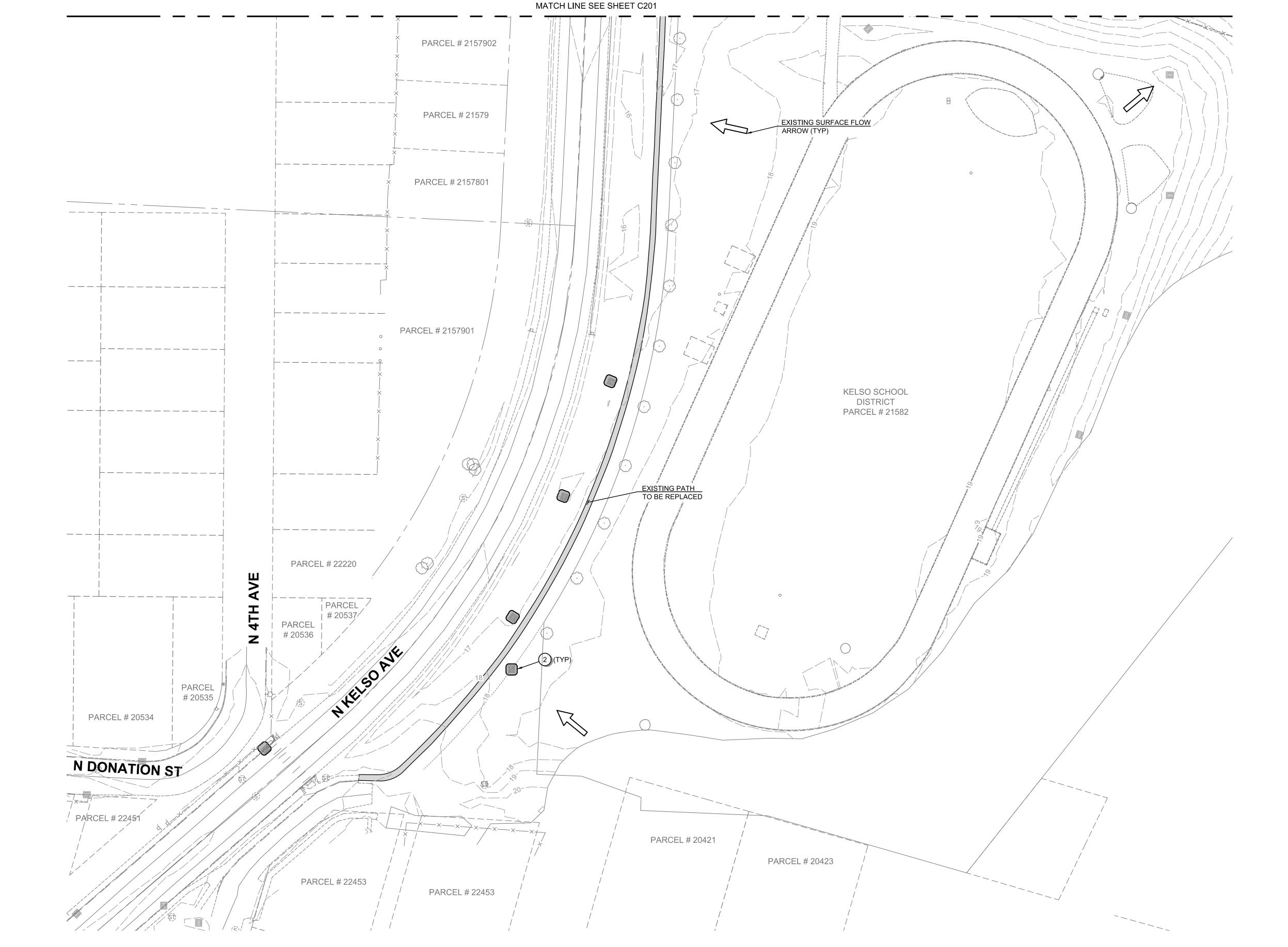
- 1. FOR GENERAL NOTES AND LEGEND, SEE SHEETS C002 AND C003.
- 2. FOR EROSION CONTROL DETAILS, SEE SHEET C203.

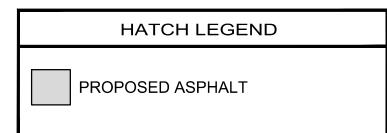
EROSION CONTROL NOTES

- SILT FENCE PER WSDOT STANDARD PLAN I-30.15, SEE SHEET C203.
- 2 INSTALL INLET PROTECTION PER WSDOT STANDARD PLAN I-40.22, SEE SHEET C203
- 3 INSTALL COMPOST BERM DESIGN PER WSDOT STANDARD PLAN I-30.20, SEE SHEET C203

C202

FOR PATH



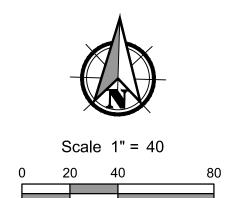


GENERAL NOTES

- FOR GENERAL NOTES AND LEGEND, SEE SHEETS C002 AND C003.
- 2. FOR EROSION CONTROL DETAILS, SEE SHEET C203.

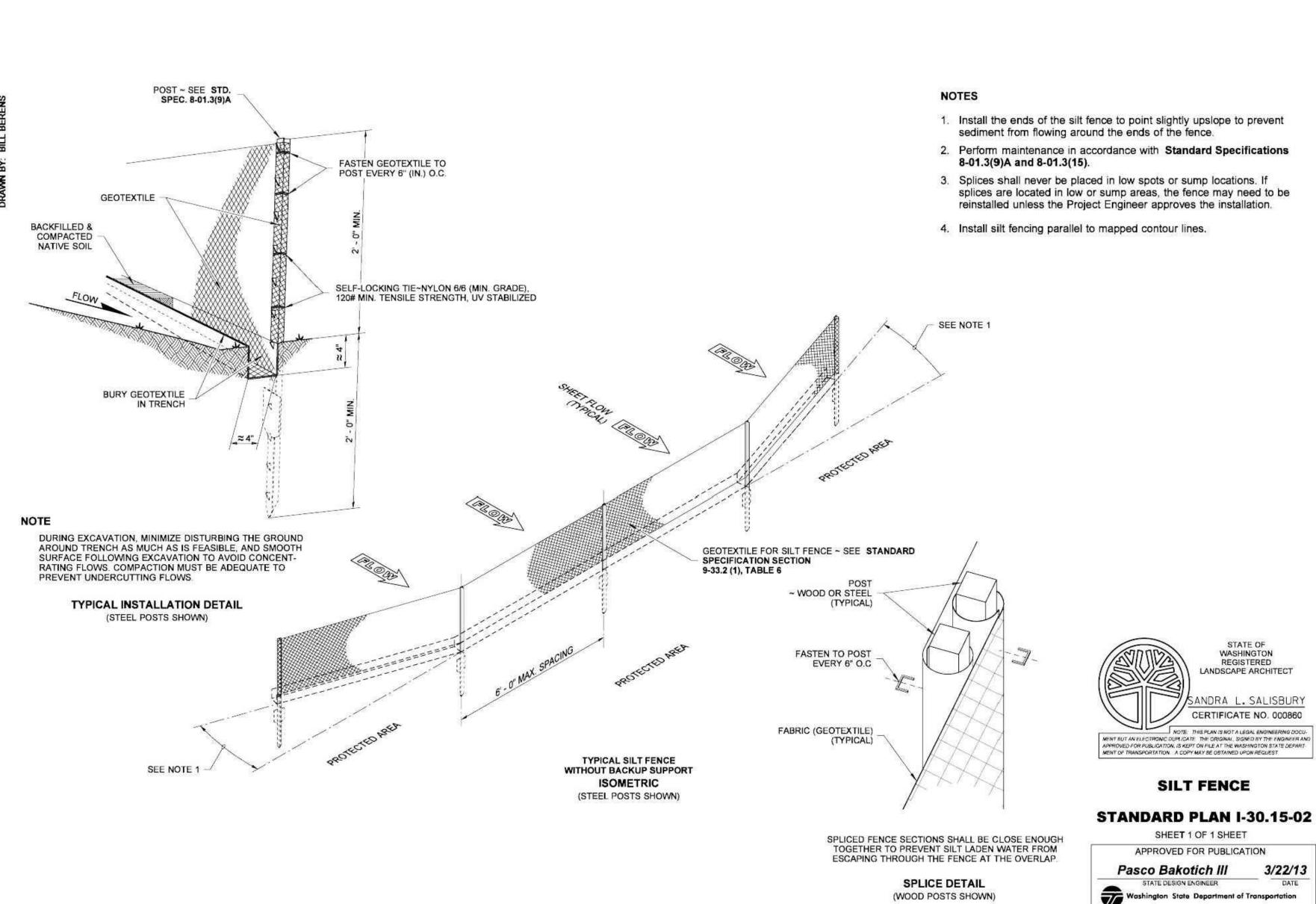
EROSION CONTROL NOTES

- SILT FENCE PER WSDOT STANDARD PLAN I-30.15, SEE SHEET C203.
- 2 INSTALL INLET PROTECTION PER WSDOT STANDARD PLAN I-40.22, SEE SHEET C203
- 3 INSTALL COMPOST BERM DESIGN PER WSDOT STANDARD PLAN I-30.20, SEE SHEET C203



EROSION CONTROL **DETAILS**

C203



- 1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it
- The BIGD shall have a built-in high-flow relief system (overflow bypass).
- 3. The retrieval system must allow removal of the BIGD without spilling the collected material.
- 4. Perform maintenance in accordance with Standard Specification 8-01.3(15).

INLET PROTECTION

STANDARD PLAN I-40.20-00

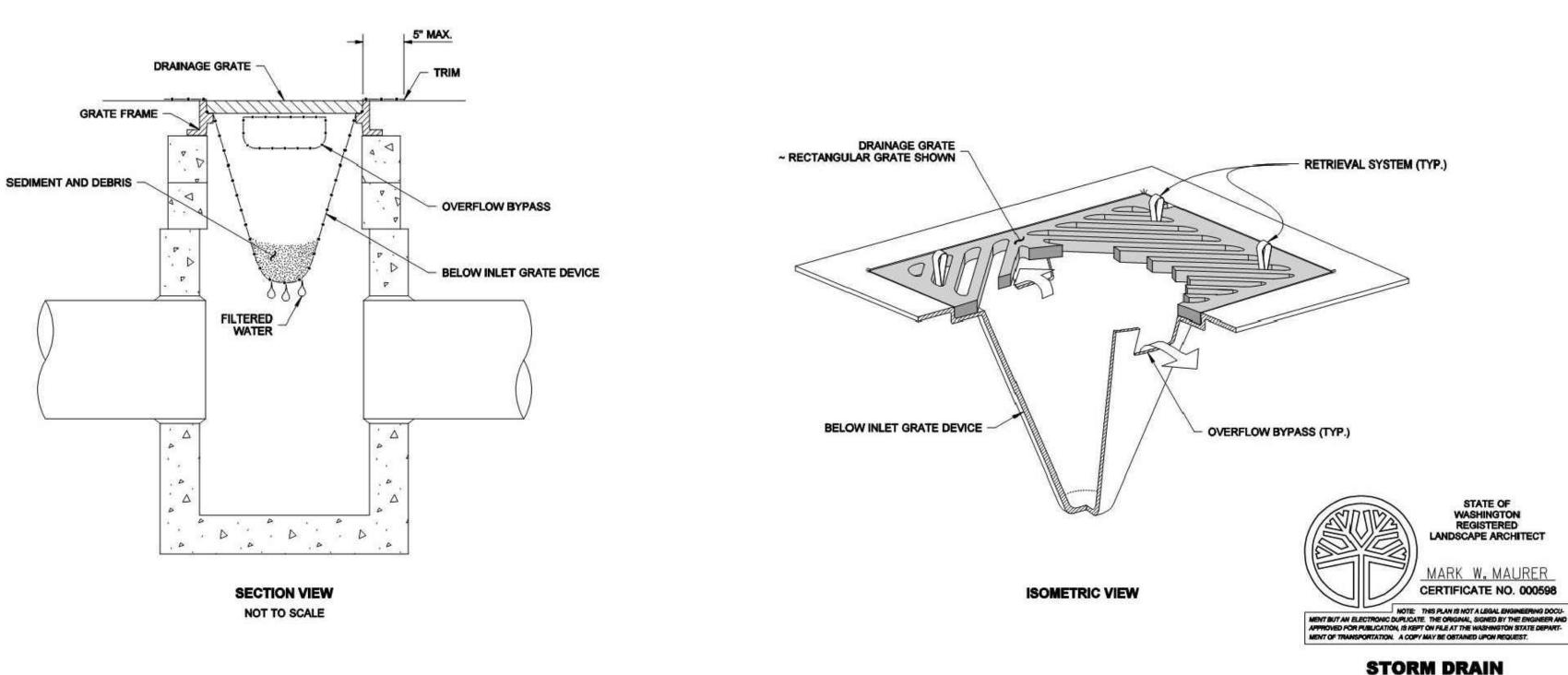
SHEET 1 OF 1 SHEET

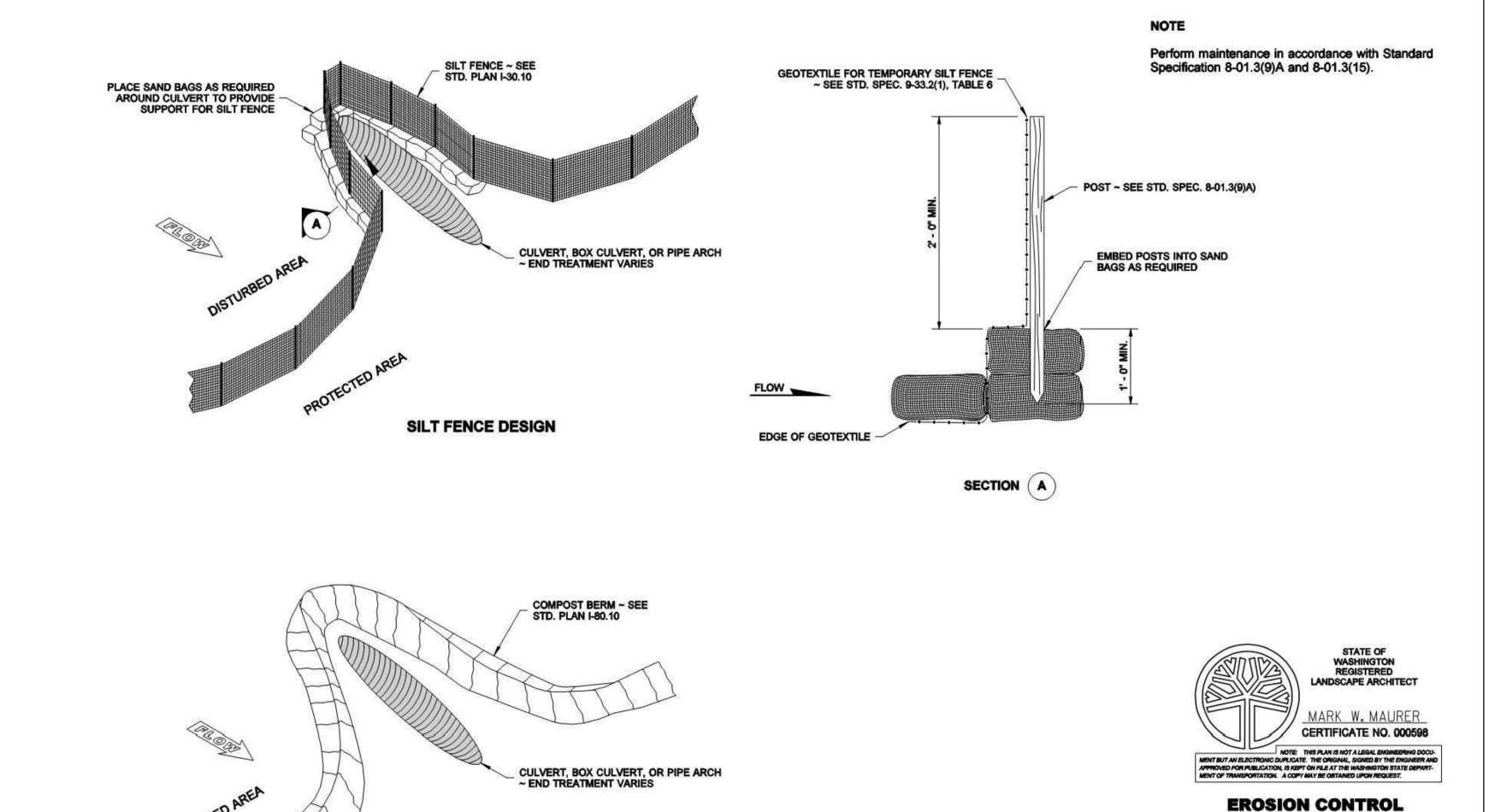
APPROVED FOR PUBLICATION

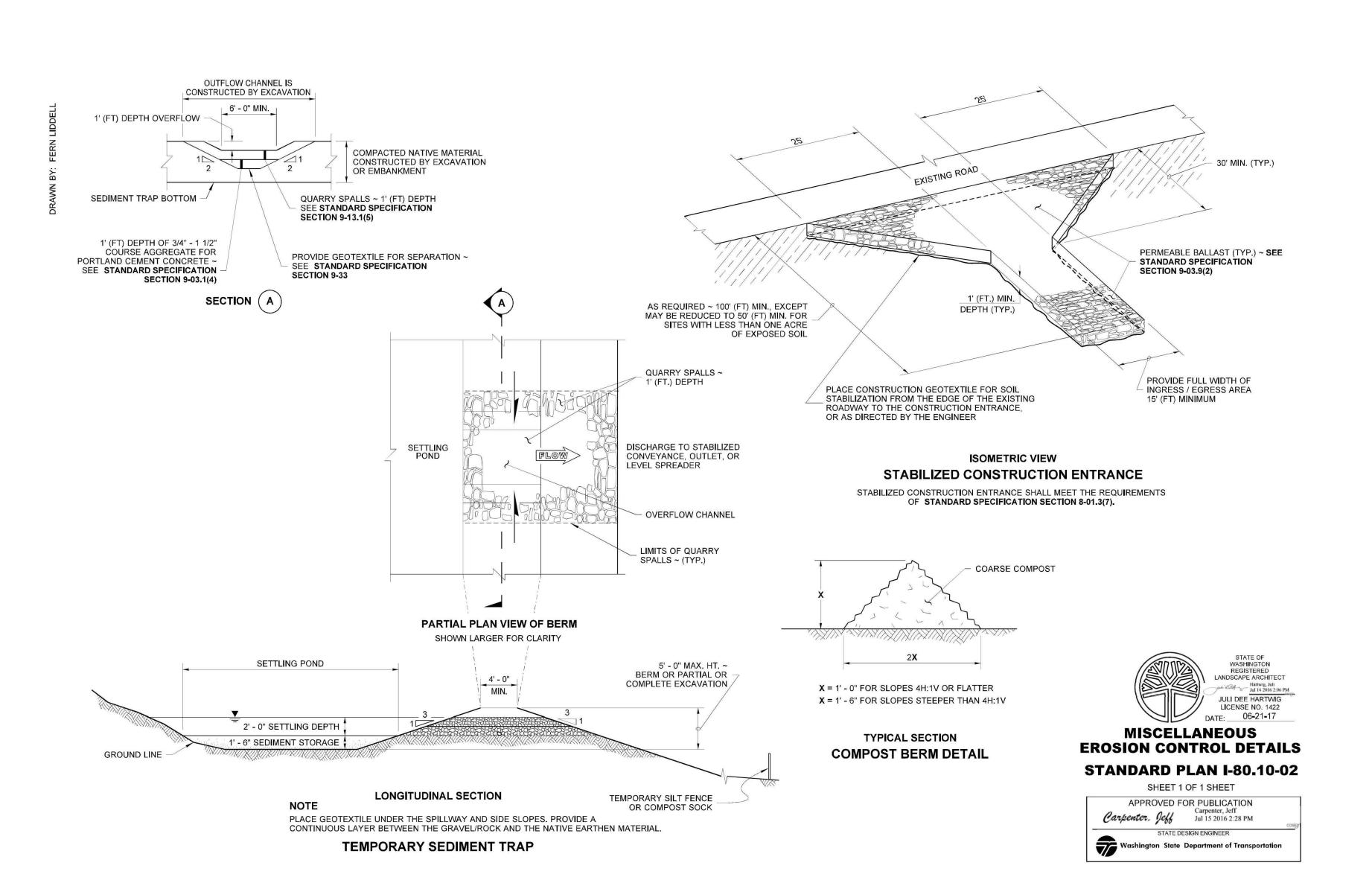
STATE DESIGN ENGINEER

Washington State Department of Transportation

Pasco Bakotich III 09-20-07







COMPOST BERM DESIGN

STANDARD PLAN I-30.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Washington State Department of Transportation

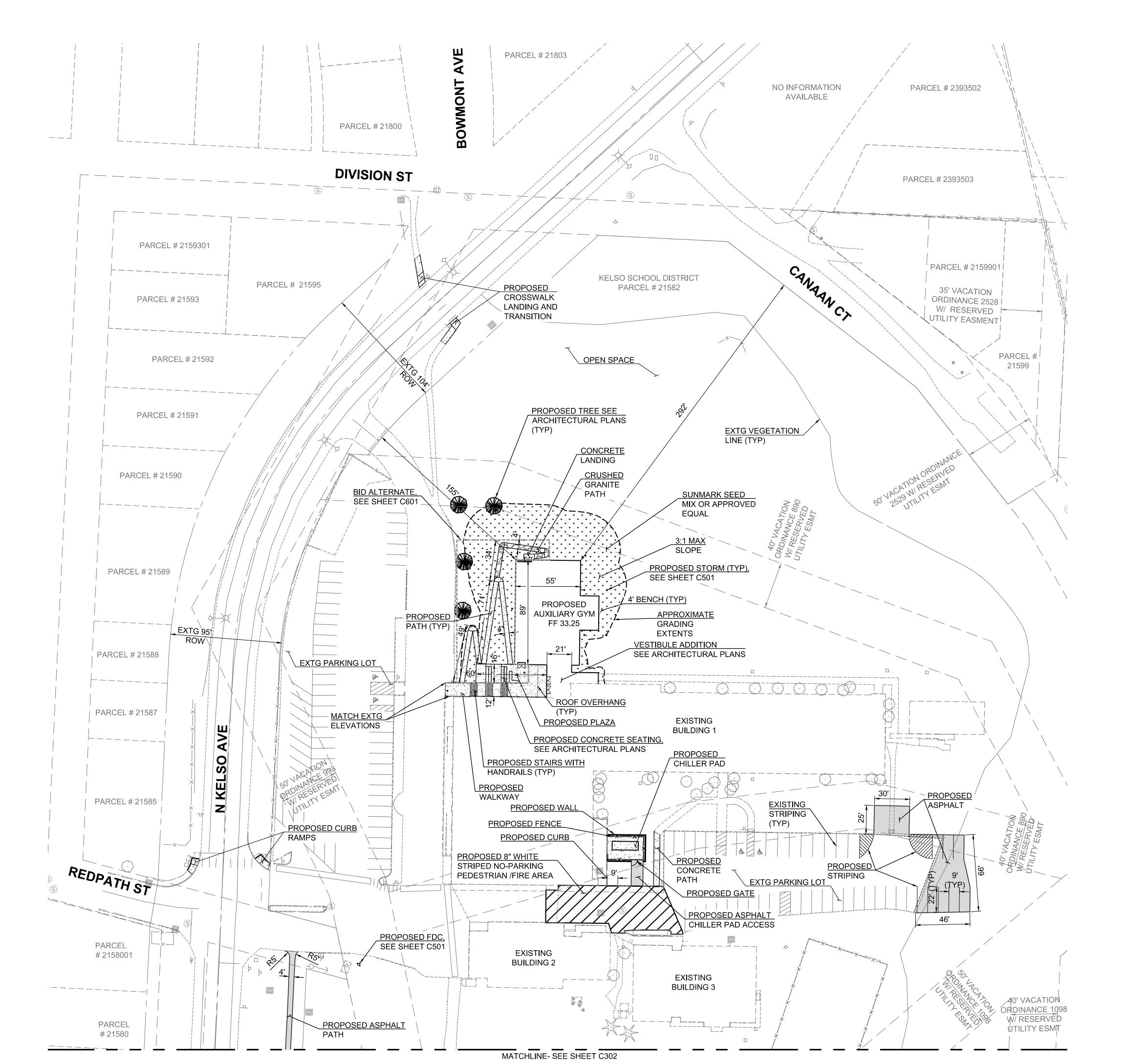
Pasco Bakotich III 09-20-07

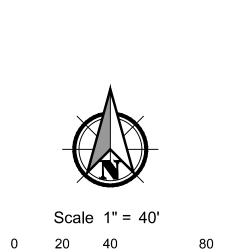
SITE PLAN

PRELIMINARY
SUBJECT TO AGENCY REVIEW
NOT FOR CONSTRUCTION

100% DESIGN DOCUMENTS

C301



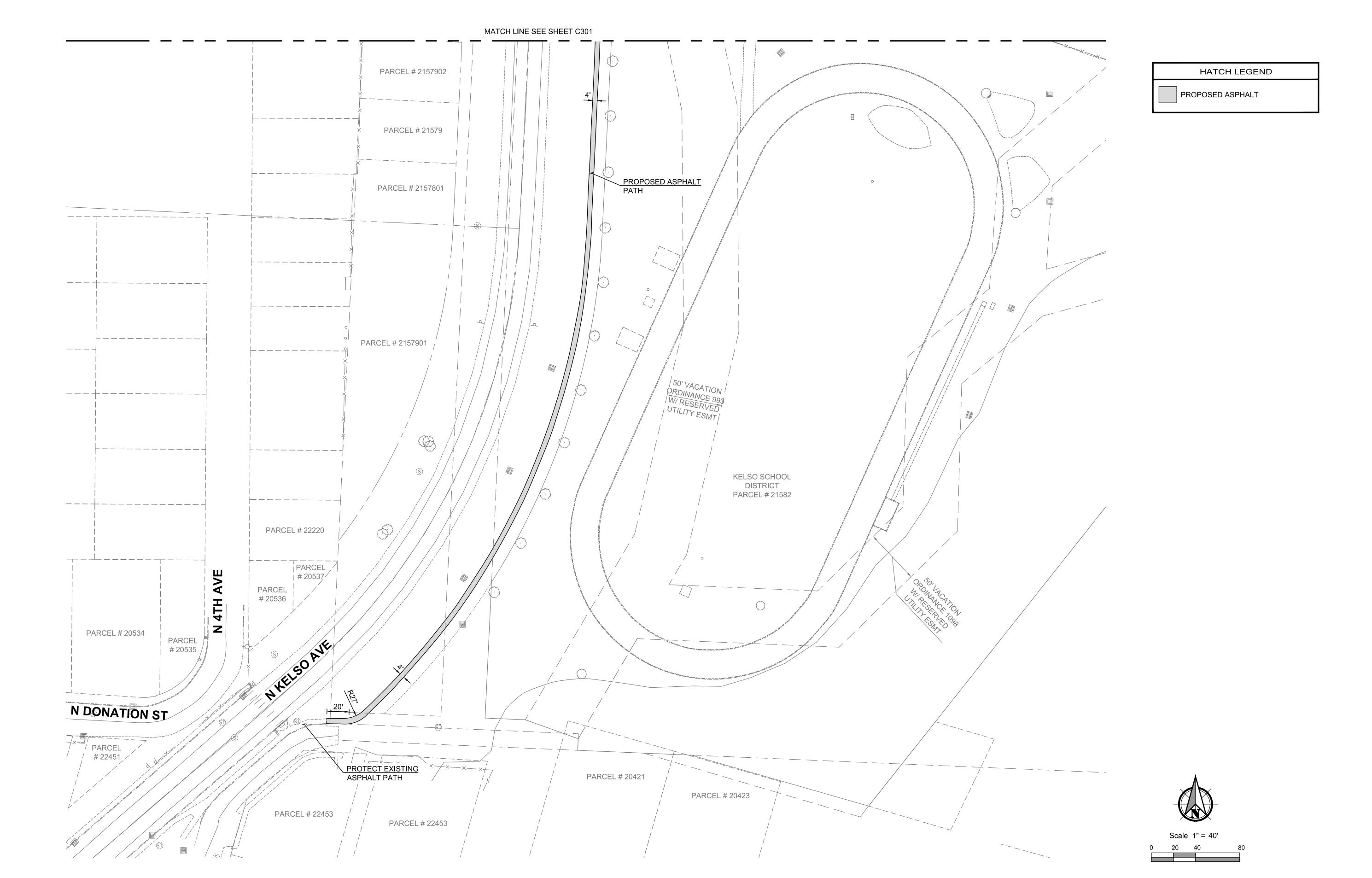


GENERAL NOTES:

- PROPOSED WATER, STORM, AND SANITARY SERVING THE AUXILIARY GYM CONNECT INTO EXISTING SYSTEMS, SEE MECHANICAL PLANS.
- CUT AND FILL QUANTITIES ARE APPROXIMATE AND INCLUDE AN 8" FOUNDATION DEPTH FOR THE AUXILIARY GYM.

HATCH LEGEND
PROPOSED CONCRETE
PROPOSED GRASS
PROPOSED ASPHALT
PROPOSED CRUSHED GRANITE PATH

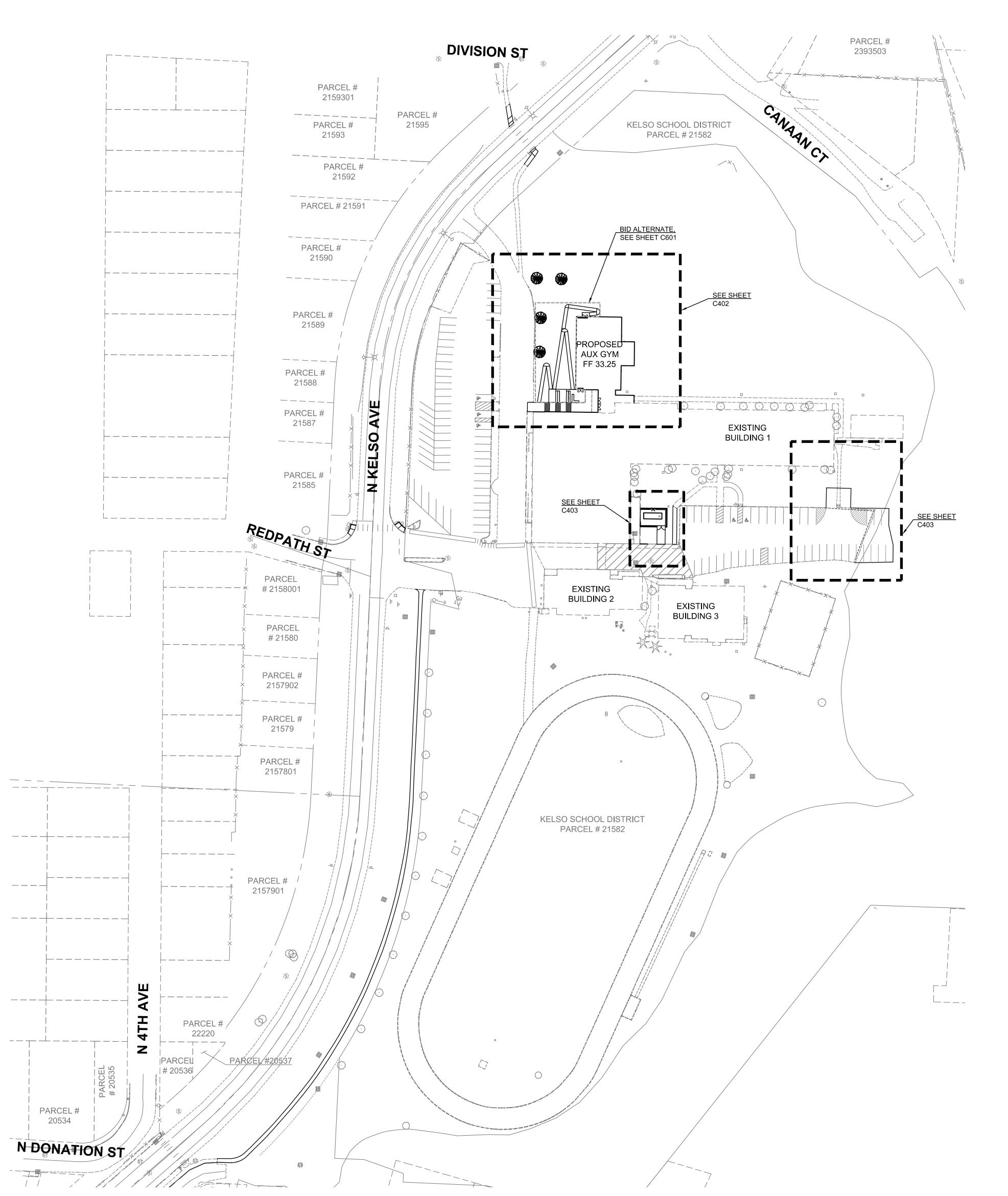
C302

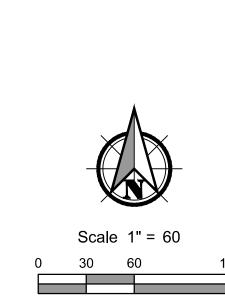


SITE GRADING KEY MAP

Date Description

C401





CUT/FILL ESTIMATE - TOTAL

FILL

NET FILL

2,876 C.Y.

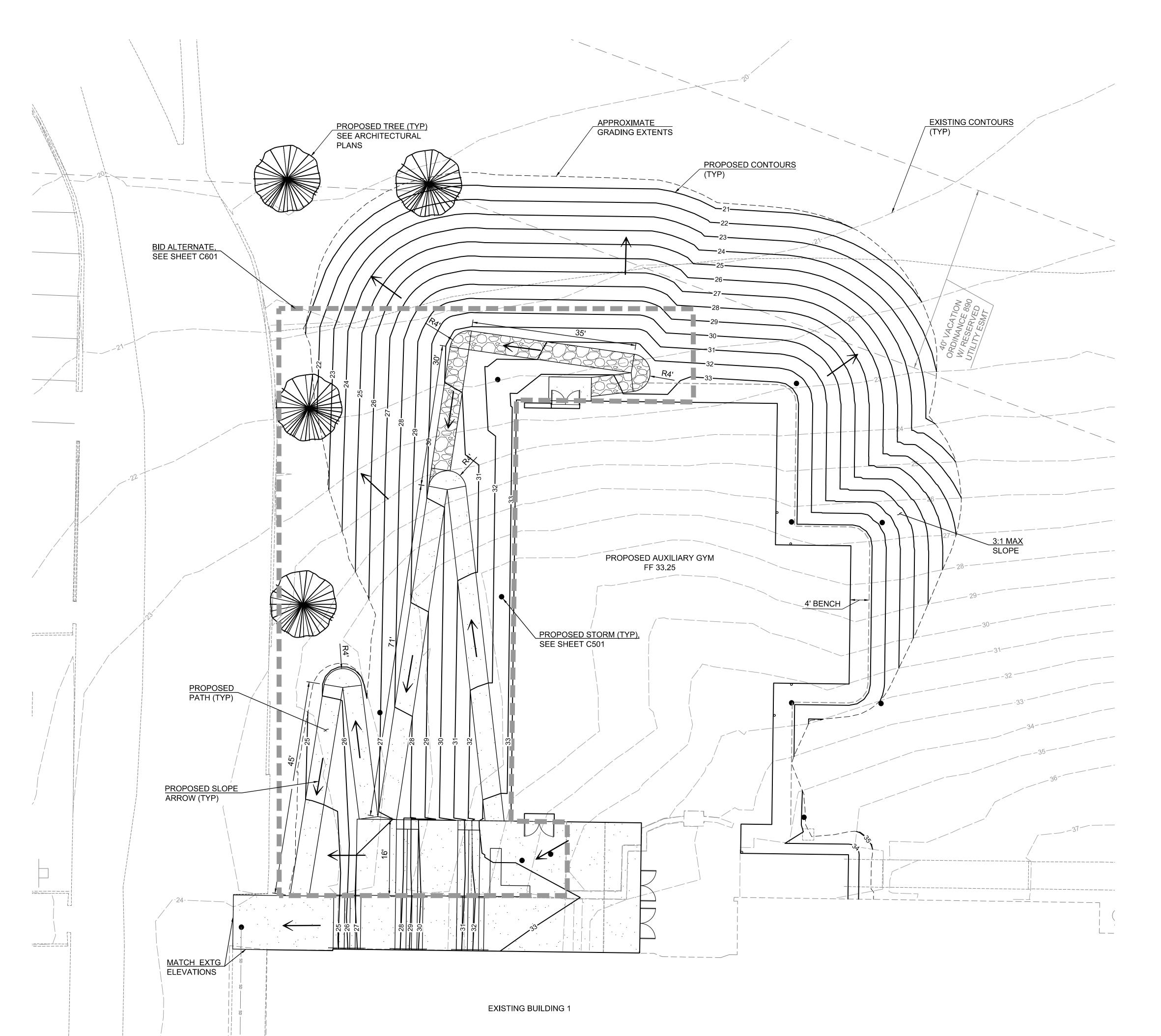
73 C.Y.

2,703 C.Y.

Revisions # Date Description

AUXILIARY GYM GRADING PLAN

C402



KEY MAP

GENERAL NOTES:

CUT

NET FILL

HATCH LEGEND

PROPOSED CRUSHED GRANITE PATH

CUT/FILL ESTIMATE - AUXILIARY GYM

2,870 C.Y.

10 C.Y.

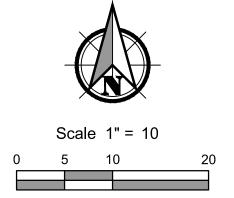
2,860 C.Y.

PROPOSED CONCRETE

PROPOSED ASPHALT

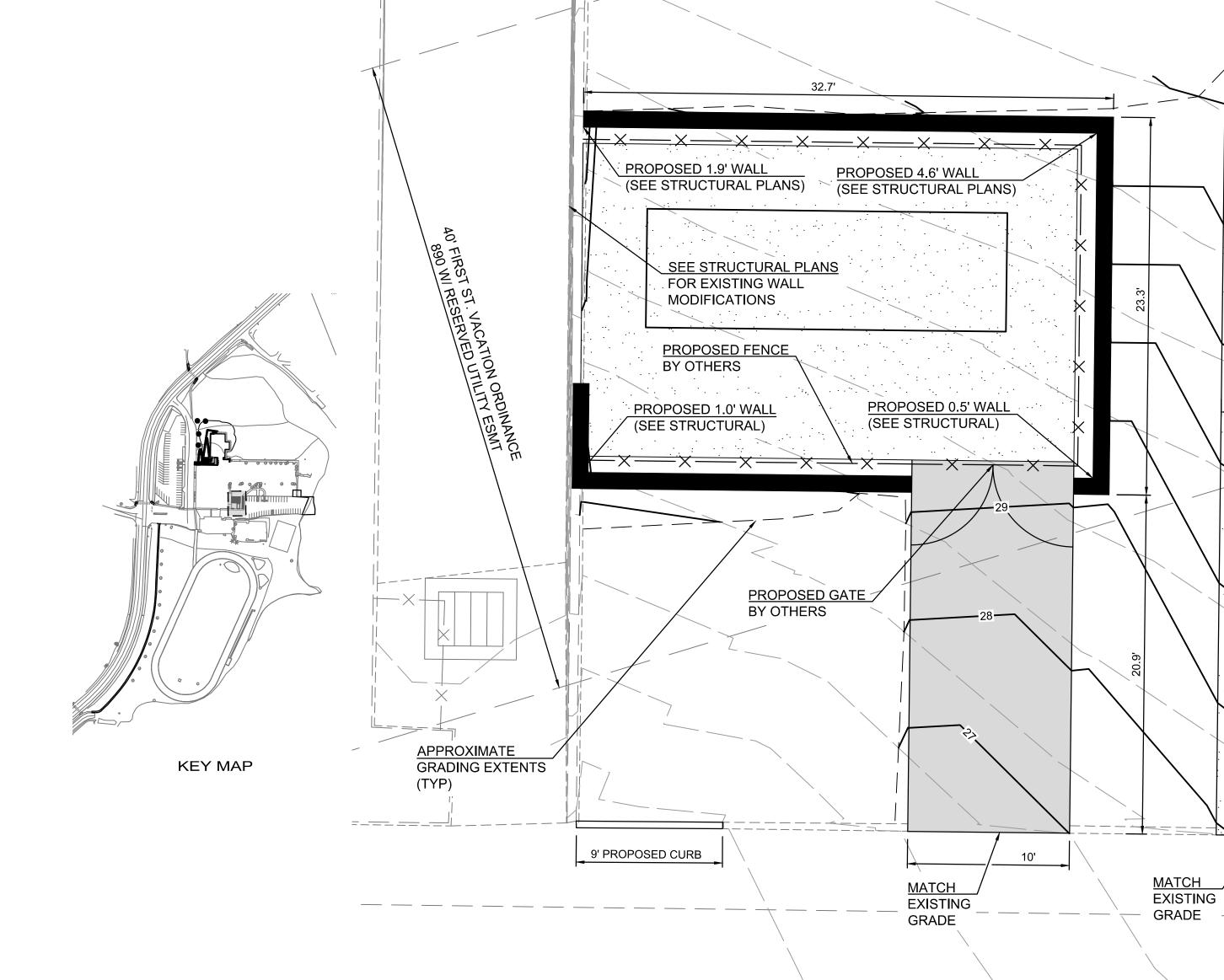
1. CUT AND FILL QUANTITIES ARE APPROXIMATE AND UNADJUSTED.

BASE BID



100% DESIGN DOCUMENTS

CUT/FILL ESTIMATE - CHILLER PAD			
FILL	3 C.Y.		
CUT	55 C.Y.		



GENERAL NOTES:

EXISTING CONTOURS

CHILLER PAD

MATCH EXISTING GRADE

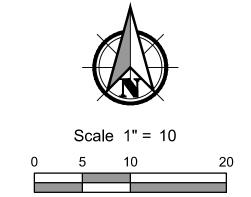
PROPOSED CONTOURS

PROPOSED FLOW ARROW (TYP)

0 2.5 5 10

1. CUT AND FILL QUANTITIES ARE APPROXIMATE AND EXISTING GROUND SURVEY STOPS AT THE EXISTING EDGE OF PAVEMENT.

FILL 3 C.Y.	
CUT 8 C.Y.	
	MATCH EXTO ELEVATIONS PROPOSED FLOW ARROW (TYP) MATCH EXTO ELEVATIONS PROPOSED FLOW ARROW (TYP) PROPOSED CONTOURS MATCH EXTO ELEVATIONS PROPOSED CONTOURS (TYP) AGO MATCH EXTO ELEVATIONS ADDITION MATCH EXTO ELEVATIONS PROPOSED CONTOURS (TYP) AGO MATCH EXTO ELEVATIONS
	PARKING LOT EXTENSION









453

Revisions # Date Description

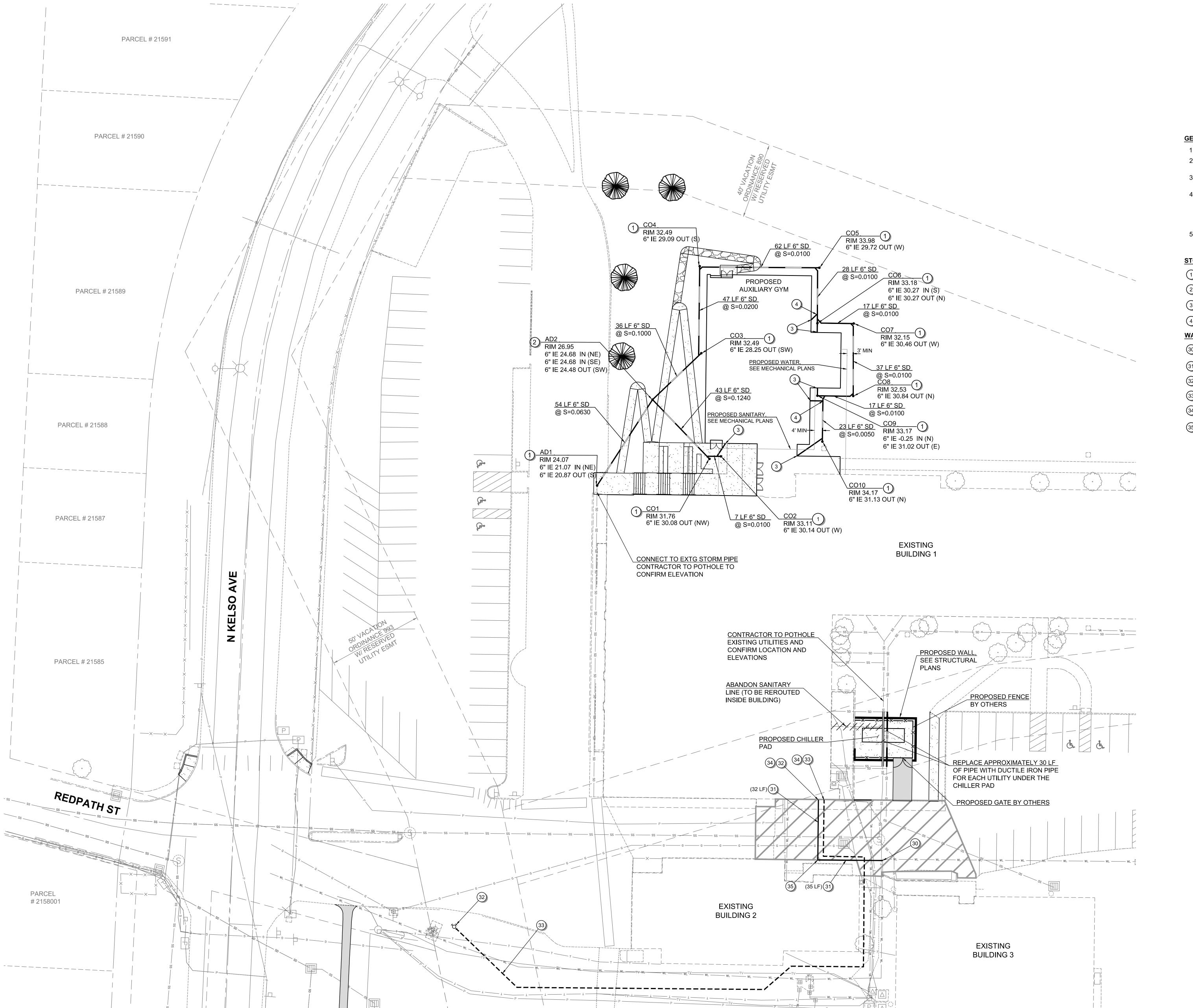
PARKINGLOT **ADDITION AND** CHILLER PAD GRADING PLAN

C403

UTILITY PLAN

Date Description

C501



PARCEL # 21580

GENERAL NOTES

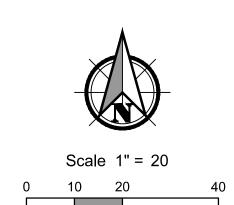
- 1. SEE SHEET C002 FOR GENERAL NOTES
- SEE SHEET C003 FOR ABBREVIATIONS AND MASTER LEGEND.
- 3. PIPE SIZE AS NOTED ON SPLANS. PIPE MATERIAL PER GENERAL NOTES ON SHEET C002
- 4. TO MINIMIZE RUNOFF FROM THE LANDSCAPED AND LAWN AREAS, BMP T5.13 POST-CONSTRUCTION SOIL QUALITY AND DEPTH IS REQUIRED ON ALL DISTURBED AREAS OUTSIDE OF THE BUILDING FOOTPRINT AND STORMWATER FACILITIES.
- 5. SEE MECHANICAL PLANS FOR CONNECTION LOCATION FOR WATER AND SANITARY SERVICES SERVING THE AUXILIARY GYM

STORM NOTES

- 1 INSTALL CLEANOUT
- 2 INSTALL AREA DRAIN WITH SOLID LID
- 3 APPROXIMATE LOCATION OF DOWNSPOUT, SEE ARCHITECTURAL PLANS
- 4 INSTALL WYE

WATER NOTES

- 30 AFTER TESTING AND APPROVAL CONNECT TO EXISTING 10" DI WATER MAIN
- 31) INSTALL 6" FIRE SERVICE LINE
- 32) INSTALL FDC
- 33) FDC CONNECTION, PER BIDDER DESIGN
- (34) CONNECT TO BUILDING SYSTEM, SEE MECHANICAL PLANS
- 35) 90° BEND

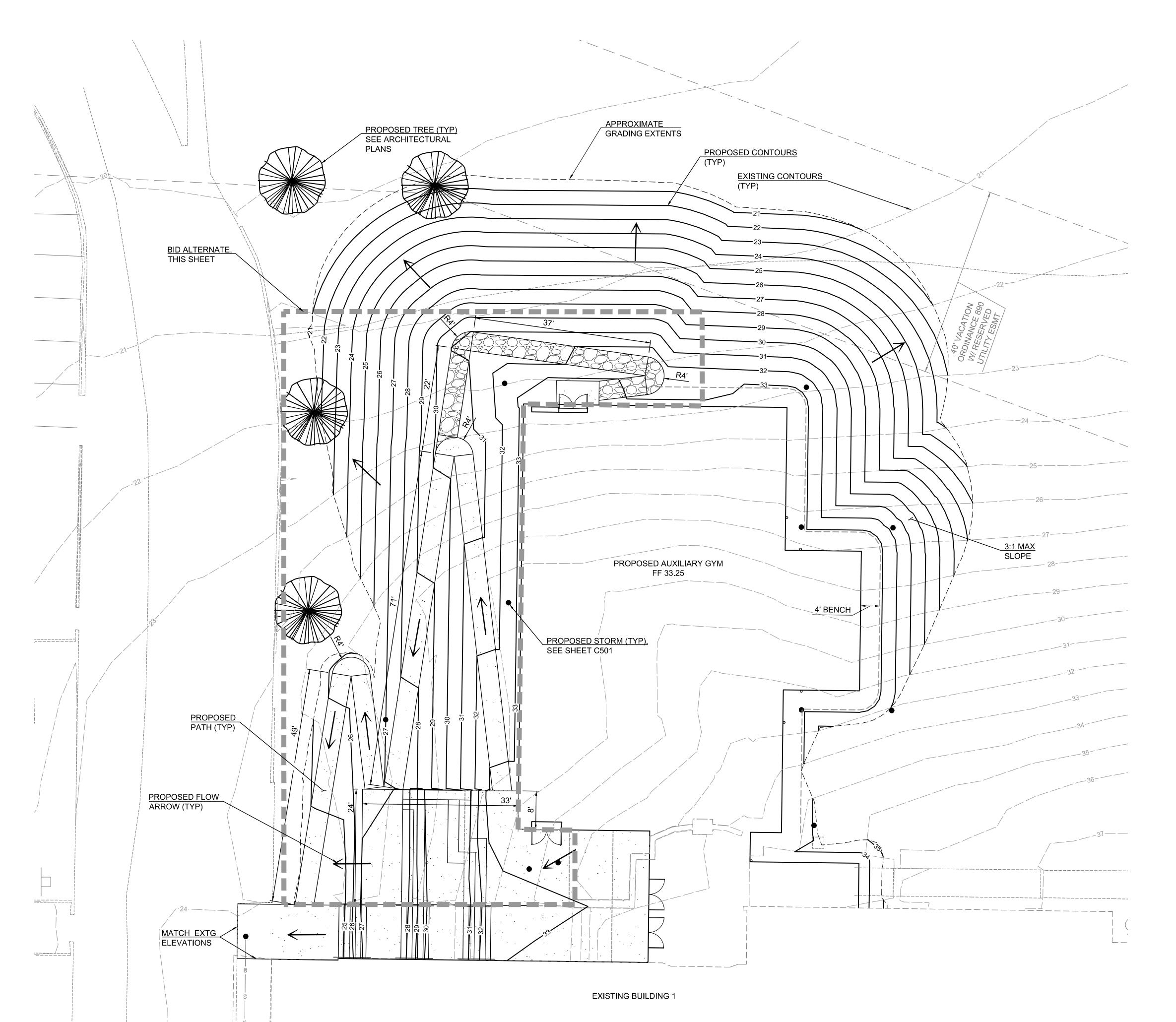


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100% DESIGN DOCUMENTS

Revisions # Date Description

C601

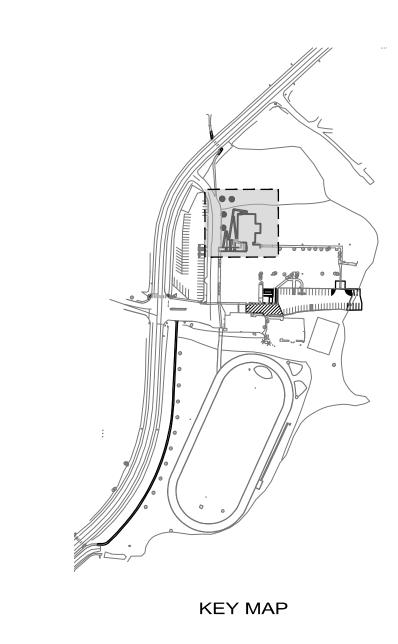


HATCH LEGEND PROPOSED CONCRETE PROPOSED ASPHALT PROPOSED CRUSHED GRANITE PATH

1. CUT AND FILL QUANTITIES ARE APPROXIMATE AND UNADJUSTED.

GENERAL NOTES:

CUT/FILL ESTIMATE - BID ALTERNATE		
FILL	2,871 C.Y.	
CUT	10 C.Y.	
NET FILL	2,861 C.Y.	



BID ALTERNATE

