



SURVEY NOTES

HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83/2011 BASED ON GPS OBSERVATION UTILIZING THE WASHINGTON STATE REFERENCE NETWORK (WSRN)

VERTICAL DATUM

NAVD 88

ESTABLISHED BY GPS OBSERVATION WITH GEOID 2012B LOADED. AS PUBLISHED BY NATIONAL GEODETIC SURVEY

SITE DATA

ADDRESS: 18009 & 18105 NE 142ND AVE NE., WOODINVILLE PARCEL NUMBER: 1026059161 AREA: APPROX. 52,850 SF

NOTES

- 1. EQUIPMENT USED: TOPCON QS AND/OR CARLSON CR2+ ROBOTIC TOTAL STATION AND TOPCON GR3 RTK/GPS
- 2. THIS SURVEY WAS PERFORMED BY FIELD TRAVERSE WITH THE FINAL RESULTS MEETING OR EXCEEDING THE CURRENT TRAVERSE STANDARDS CONTAINED IN W.A.C. 332-130-090. ALL MEASUREMENTS WERE MADE WITH A TOPCON QS ROBOTIC TOTAL STATION IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- 3. IN ACCORDANCE WITH THE REVISED CODE OF WASHINGTON (R.C.W.) 58.09 AND THE WASHINGTON ADMINISTRATIVE CODE (W.A.C.) 332-130. THIS SURVEY MAY DEPICT OCCUPATIONAL INDICATORS THAT DIFFER FROM THE DEEDED LOT LINES. THESE INDICATORS, IF AT ALL PRESENT, MAY REPRESENT A POTENTIAL FOR CLAIMS OF UNWRITTEN TITLE. THIS SURVEY DOES NOT PURPORT TO RESOLVE SUCH ITEMS.
- 4. FIELD WORK PERFORMED IN JUNE 2020, UNDER SITTS & HILL JOB NUMBER 18865. CONTROL FOR THIS PROJECT IS FROM SITTS & HILL JOB #17718, DATED MARCH 2018.
- 5. UTILITIES AS SHOWN HEREON ARE BASED ON FIELD SURVEY OBSERVATION OF UTILITY LOCATE SERVICES PERFORMED BY MT. VIEW LOCATING SERVICES, LLC. IN JUNE 2020. UTILITIES OTHER THAN SHOWN MAY EXIST ON THE SITE. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE SURVEYOR DOES CERTIFY THAT THEY ARE SHOWN AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY AND PAINTED UTILITY LOCATE LINES. COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA IS CONSISTENT WITH QUALITY LEVEL 'B' OF THE ASCE STANDARD GUIDELINES 38-02.
- 6. NO TITLE REVIEW WAS PERFORMED AS PART OF THE PREPARATION OF THIS SURVEY, SITTS AND HILL ENGINEERS, INC. HAS CONDUCTED NO INDEPENDENT TITLE SEARCH NOR IS SITTS AND HILL ENGINEERS, INC. AWARE OF ANY TITLE ISSUES AFFECTING THE SURVEYED PROPERTY OTHER THAN THOSE SHOWN ON THE MAP AND/OR DISCLOSED BY SAID TITLE COMPANY'S ORDER. EASEMENTS OTHER THAN THOSE SHOWN MAY EXIST ON THE PROPERTY.
- 6. THIS SURVEY COMPLIES WITH W.A.C. 332-130-145. THE CONTOURS DEPICTED HEREON ARE BASED ON DATA FROM DIRECT FIELD MEASUREMENTS. SPOT ELEVATIONS ARE BASED ON DIRECT FIELD MEASUREMENTS AND ARE DEPICTED FOR REFERENCE.
- 7. THE PURPOSE OF THIS TOPOGRAPHIC MAP IS TO SERVE AS A BASE MAP FOR CONTEMPLATED SITE IMPROVEMENTS AND DESIGN.

SURVEY LEGEND

———— P ————	UNDERGROUND POWER LINE	
T	UNDERGROUND TELECOM. LINE	\oplus
		Ð
w	BURIED WATER LINE	\bigcirc
	BURIED SANITARY SEWER LINE	$\overline{\bigcirc}$
	BURIED STORM LINE	
MU	MISCELLANEOUS UTILITY LINE	(\bigcirc)
	BUILDING OVERHANG	
x x x	FENCE LINE (CHAIN LINK)	\bowtie
	FENCE LINE (WOOD)	
	VEGETATION LINE	\cap
	VEGETATION LINE	Q
	ROAD CENTERLINE	KX
	ROW LINE	M
	ASPHALT SURFACE	-0-
	CONCRETE SURFACE	\rightarrow
	GRAVEL SURFACE	Ρ
	RIPRAP SURFACE	¢—∕X
		J
	BRICK SURFACE	
		Ð
		\bigtriangleup

KING COUNPY HOUSING AUPHORPY woodcreek lane aparpments

2021 STTE IMPROVEMENTS

MONUMENT AS NOTED CALCULATED MONUMENT POSITION FOUND PROPERTY CORNER AS NOTED SANITARY SEWER MANHOLE STORM MANHOLE

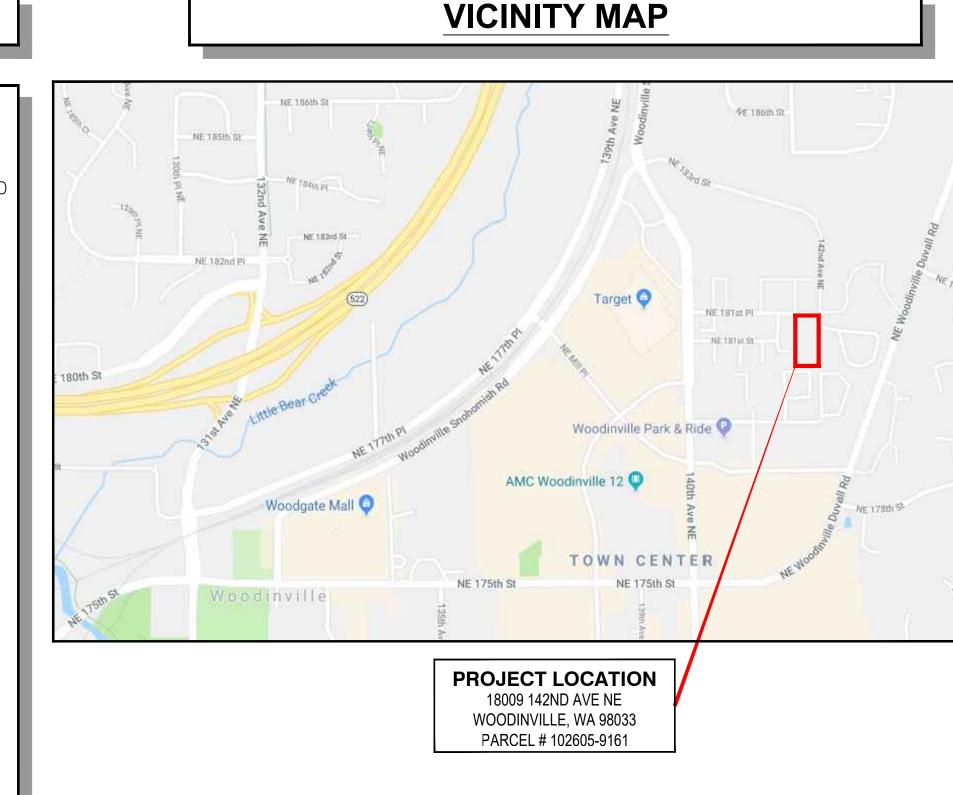
- STORM CATCH BASIN
- WATER VALVE
- WATER METER
- HOSE BIB
- FIRE HYDRANT
- IRRIGATION CONTROL VALVE
- UTILITY POLE
- GUY ANCHOR
- POWER CABINET
- 🛛 💢 LIGHT POLE
 - JUNCTION BOX
 - ELECTRICAL METER
 - POWER TRANSFORMER
 - POWER VAULT
 - TELEPHONE RISER
 - GATE POST

P

 $\frac{1}{2}$

 \bigcirc

- SIGN
- ROOF DRAIN DECIDUOUS TREE
- CONIFER TREE



PROJECT DESCRIPTION

KING COUNTY HOUSING AUTHORITY REQUESTS SITE DESIGN IMPROVEMENTS TO THE WOODCREEK LANE APARTMENTS AREA TO IMPROVE SITE CONDITIONS. IMPROVEMENTS WILL PROVIDE APPROXIMATELY 590 SF NEW ASPHALT SURFACE, REMOVE AND REPLACE APPROXIMATELY 95 SF CONCRETE SURFACE, GRIND APPROXIMATELY 570 SF EXISTING ASPHALT, AND OVERLAY APPROXIMATELY 12,515 SF OF PAVEMENT RESULTING IN 1,255 SF OF COMBINED NEW AND REPLACED IMPERVIOUS SURFACE. UTILITY IMPROVEMENTS WILL INCLUDE THE CONSTRUCTION OF APPROXIMATELY 155 LF STORM DITCH, APPROXIMATELY 215 LF 6" PVC PIPE AND 605 LF 4" PVC PIPE, AND APPROXIMATELY 350 SF OF STORM DOWNSPOUT SURFACE RESTORATION. APPROXIMATELY 850 LF OF VERTICAL CONCRETE CURB WILL BE REMOVED AND REPLACED, 12 TREES WILL BE REMOVED, AND LANDSCAPING WILL BE IMPLIMENTED.







NETRISES.

NE 174m St

NE 17905 S

10E 178th St



Sheet List Table					
SHEET NO.	DESCRIPTION	DWG NO.			
-	COVER	COV			
01	GENERAL NOTES	G01			
02	EXISTING SITE PLAN	C01			
03	DEMOLITION AND TESC PLAN	C02			
04	PROPOSED UTILITY IMPROVEMENTS	C03			
05	PROPOSED SITE IMPROVEMENTS	C04			
06	PROPOSED STRIPING AND SIGNAGE PLAN	C05			
07	SITE DETAILS 1	D01			
08	SITE DETAILS 2	D02			
09	SITE DETAILS 3	D03			

CONTACT PERSONNEL

KING COUNTY HOUSING AUTHORITY DAVID MATZ (RH2) HARLEY SANDOVAL (RH2) CITY OF WOODINVILLE PUBLIC WORKS DON HATFIELD (KCHA) PUGET SOUND ENERGY (GAS & POWER) CENTURY LINK (TELEPHONE) COMCAST (CABLE) ONE-CALL UTILITY LOCATE (PUBLIC)

(206) 574-1100 (253) 312-3031 (206) 794-6605 (425) 489-2700 (206) 574-1213 (888) 225-5773 (877) 837-5738 (800) 934-6489 811





GENERAL NOTES

THE SITE WILL BE OCCUPIED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EQUIPMENT AND MATERIALS AGAINST DAMAGE AND LOSSES THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE OF EQUIPMENT AND MATERIALS IN A SECURE MANNER SO THAT PERSONAL INJURIES TO THE BUILDING'S OCCUPANTS DOES NOT OCCUR.

THE CONTRACTOR SHALL ENSURE SAFE WORKING CONDITIONS PER OSHA, WISHA AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL PROVIDE SHORING OR TRENCH SAFETY DEVICES. THE CONTRACTOR SHALL FOLLOW OSHA AND WISHA REGULATIONS WHEN EXCAVATING AROUND ELECTRICAL UTILITIES.

CALL 811 48 HOURS BEFORE CONSTRUCTION FOR UTILITY LOCATIONS. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS TO LOCATE ALL UTILITIES OUTSIDE THE PUBLIC RIGHT-OF-WAY. NO ADDITIONAL PAYMENT WOULD BE MADE FOR PRIVATE LOCATES. THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC AND PRIVATE UTILITY LOCATES.

LOADS SHALL BE SECURED PER RCW 46.61.655

A COPY OF THE CITY APPROVED PLANS MUST BE KEPT ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

IF REQUIRED. THE OWNER WILL PROVIDE A CIVIL CONSTRUCTION PERMIT FROM THE CITY OF WOODINVILLE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY ADDITIONAL REQUIRED OR RELATED PERMITS PRIOR TO BEGINNING CONSTRUCTION.

ALL MATERIALS, WORKMANSHIP, ALIGNMENT ADJUSTMENTS AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, THE SPECIFICATIONS, THE INTERNATIONAL BUILDING CODE, AND TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, 2020 EDITION, AS ISSUED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND THE AMERICAN PUBLIC WORKS ASSOCIATION. EXCEPT AS MODIFIED BY THE PROJECT SPECIFICATIONS.

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED ILLUSTRATIVE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN TO AVOID DAMAGE AND/OR DISTURBANCE TO SUCH UTILITIES, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. IT IS UNKNOWN IF ADDITIONAL UTILITIES EXIST ON-SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK. INCLUSIVE OF: 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.

PRE-CONSTRUCTION CONFERENCE AND 24-HOUR NOTICE WILL BE REQUIRED PRIOR TO STARTING CONSTRUCTION.

WHERE CONFLICTS OCCUR, THE SCOPE OF WORK TAKES PRECEDENCE OVER SPECIFICATIONS AND SPECIFICATIONS TAKE PRECEDENCE OVER THE DRAWINGS.

SURVEY AND SITE INFORMATION

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER.

LOCATION OF SIDE SEWERS AND WATER SERVICE LINES UNKNOWN.

NOT ALL MINOR LANDSCAPING AND HEDGES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO BIDDING AND MUST PROTECT THOSE CONDITIONS DURING CONSTRUCTION.

EXITING THICKNESS OF ASPHALT VARIES THROUGHOUT THE SITE. SEE CORE SAMPLE LOCATIONS AND THICKNESS INCLUDED IN APPENDIX B. THE CONTRACTOR SHALL ACCOUNT FOR THIS IN THE BASE BID PRICE AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR VARYING THICKNESSES OF PAVEMENT AND CONCRETE WORK.

CONSTRUCTION SURVEY

THE ALIGNMENT SHOWN IN THE PLANS IS SCHEMATIC. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING VERTICAL ALIGNMENT OF PROPOSED IMPROVEMENTS. THE CONTRACTOR MAY MODIFY PROPOSED ALIGNMENTS WITH PRIOR OWNER'S AUTHORIZATION. ALL ADJUSTMENTS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDINGS AND SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING AND MAINTAINING ALL ALIGNMENT STAKES, SLOPE STAKES, AND GRADES NECESSARY FOR CONSTRUCTION. STAKING FOR GRADES AND ALIGNMENT SHALL BE PERFORMED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK. EXCEPT FOR THE SURVEY CONTROL DATA FURNISHED BY THE OWNER, CALCULATIONS, SURVEYING, AND MEASURING REQUIRED FOR SETTING AND MAINTAINING THE NECESSARY LINES AND GRADES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

THE CONTRACTOR IS REQUIRED TO CONDUCT A PRELIMINARY SURVEY PRIOR TO CONSTRUCTION COLLECTING ELEVATIONS OF EXISTING PAVING AND CURBING. POINTS COLLECTED MUST BE SUFFICIENT TO REPRESENT THE GENERAL ELEVATION AND SLOPE ALONG EXISTING PAVING AND CURBING. THE CONTRACTOR IS REQUIRED TO CONDUCT A SIMILAR SURVEY FOLLOWING THE COMPLETION OF THE PROJECT TO ENSURE THE ELEVATION AND SLOPES OF FINISHED PAVING AND CURBING HAVE REMAINED THE SAME.

THE CONTRACTOR IS REQUIRED TO PREPARE A COMPLETE SET OF AS-BUILT RECORDS, BASED UPON FIELD SURVEY RECORDS COMPLETED AFTER CONSTRUCTION.

SOILS REPORT

SOILS AND GROUNDWATER INFORMATION IS LIMITED. SEE CTL FIELD INSPECTION REPORT.

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXCAVATED MATERIALS AS PART OF THE EXCAVATION ACTIVITIES. NO ADDITIONAL PAYMENT WOULD BE MADE FOR THE REMOVAL OF ROCKS. THE CONTRACTOR SHALL ASSUME 100% TRENCH BACKFILL UNLESS DIRECTED OTHERWISE BY THE OWNER.

THE CONTRACTOR SHALL PROVIDE PROPOSED MATERIALS FOR TESTING AND APPROVAL FOR USE TWO WEEKS PRIOR TO PLACEMENT.

DAILY CLEANUP

THE CONTRACTOR SHALL CLEANUP ALL AREAS AFFECTED BY HIS ACTIVITIES TO THE SATISFACTION OF THE OWNER BY THE END OF EACH WORKING DAY OR MORE FREQUENTLY IF REQUIRED BY THE OWNER. THIS INCLUDES REMOVAL OF ALL DUST, CONSTRUCTION SPOILS, MUD, ROCKS, ASPHALT DEBRIS, AND REFUSE FROM STREETS, SIDEWALKS, COURTYARDS, DRIVEWAYS, AND ANY OTHER AREAS AFFECTED BY THE CONSTRUCTION ACTIVITIES. FAILURE TO CLEANUP TO THE SATISFACTION OF THE OWNER WILL NECESSITATE A SHUTDOWN OF THE PROJECT UNTIL CLEANUP IS PROPERLY PERFORMED. DAILY CLEANUP IS AN INTEGRAL PART OF EROSION AND POLLUTION CONTROL.

GENERAL CONSTRUCTION NOTES

QUALITY OF WORK

FINISH QUALITY

THE CONTRACTOR SHALL PROTECT EXISTING AND PROPOSED IMPROVEMENTS THROUGHOUT THE DURATION OF THE PROJECT

VERIFICATION OF ALIGNMENT

ALIGNMENT MAY BE ADJUSTED AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE PROPOSED ALIGNMENT PRIOR TO COMMENCING ANY WORK.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY PROPOSED CHANGES IN THE ALIGNMENT. THE OWNER SHALL NOT BE RESPONSIBLE FOR ANY ISSUES THAT MAY ARISE AS A RESULT OF ANY CHANGES AND ADJUSTMENTS MADE BY THE CONTRACTOR.

FORMS PLACEMENT

THE CONTRACTOR SHALL DEMONSTRATE TO THE OWNER THAT CONCRETE FORMS HAVE BEEN PLACED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

PRIOR TO POURING ANY CONCRETE, THE OWNER WILL OBSERVE AND VERIFY FORM PLACEMENT AS IT RELATES TO THE AGREED ALIGNMENT. THE CONTRACTOR WILL NOT BE ALLOWED TO POUR ANY CONCRETE ON THE SAME DAY THE FORMS ARE PLACED.

RESTORATION NOTES

THE CONTRACTOR MAY LEAVE TRENCH SECTION OPEN OVERNIGHT BUT SHALL COVER ALL TRENCH SECTIONS WITH STEEL SHEETS AT THE END OF THE WORK DAY. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE EVERY TIME THIS OCCURS.

THE TEMPORARY SURFACING SHALL BE MAINTAINED DAILY THROUGHOUT THE DURATION OF THE PROJECT TO PREVENT POTHOLING AND RUTS FROM FORMING. ALL POTHOLES. RUTS. AND BUMPS MUST BE REPAIRED IF THEY EXCEED ONE INCH IN DEPTH OR HEIGHT

ALL AREAS WHERE VEGETATION IS TO BE REMOVED. VOIDS SHALL BE BACKFILL WITH NATIVE SOIL AS DIRECTED BY THE OWNER AND TOP 4 INCHES SHALL BE RESTORED WITH MULCH (WSDOT STD SPEC 9-14.4(3)).

COMPACTION OF BACKFILL

BACKFILL SHALL BE COMPACTED AS SHOWN IN THE PLANS AND STANDARD DETAILS USING THE MODIFIED PROCTOR TEST IN ACCORDANCE WITH ASTM D1557. BACKFILL COMPACTION WILL BE TESTED BY THE OWNER. SHOULD ANY COMPACTION TEST FAIL, THE CONTRACTOR SHALL TAKE THE NECESSARY CORRECTIVE MEASURES TO COMPLY WITH THE SPECIFICATIONS AND ALL ADDITIONAL COMPACTION COSTS SHALL BE AT THE CONTRACTOR'S EXPENSE.

TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE FOR EMERGENCY VEHICLE ACCESS TO ALL PORTIONS OF THE SITE AT ALL TIMES.

THE CONTRACTOR SHALL RESTORE ACCESS TO ALL UNITS AND PARKING AREA BY THE END OF EACH WORK DAY.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND ASPHALT PHASING PLAN FOR OWNER'S APPROVAL. ALL TRAFFIC CONTROL DEVICES SHALL MEET THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) REQUIREMENTS. ALL BARRICADES SHALL HAVE AMBER FLASHING LIGHTS FOR USE AT NIGHT. SEE SPECIFICATIONS.

PEDESTRIAN TRAFFIC CONTROL

PEDESTRIAN ACCESS TO ALL UNITS SHALL BE PROVIDED AT ALL TIMES.

THE CONTRACTOR MAY CLOSE SIDEWALKS DURING CONSTRUCTION BUT MUST PROVIDE FOR SAFE PEDESTRIAN ACCESS TO ALL BUILDINGS AT ALL TIMES.

THE CONTRACTOR SHALL PROVIDE TEMPORARY CRUSHED SURFACING FOR ALL WALKWAYS AND COURTYARDS AFTER THE HARDSCAPE SURFACES HAVE BEEN REMOVED AND PRIOR TO REPLACING THEM.

THE CONTRACTOR SHALL PROVIDE FOR ALTERNATIVE PEDESTRIAN ROUTES AROUND PATHS THAT ARE TO BE REMOVED AND REBUILT.

THE CONTRACTOR SHALL PROVIDE BARRIERS AND SAFETY SIGNAGE AS NECESSARY TO PROTECT PEDESTRIANS FROM AREAS UNDER CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE THAT OCCURS DUE TO PEDESTRIANS TRESPASSING BARRIERS.

THE CONTRACTOR SHALL TAKE EXTRA CARE TO KEEP ALL PEDESTRIAN CROSSING AREAS FREE FROM CONSTRUCTION EQUIPMENT. MATERIALS. AND DEBRIS.

PARKING AND STAGING

THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR THE USE OF PARKING SPACES FOR STAGING AND DAILY CONSTRUCTION PARKING.

THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY FENCING AND ANY OTHER MEANS & METHODS TO PROTECT EQUIPMENT, MATERIALS AND CONSTRUCTION AREAS. IT IS ANTICIPATED THAT THE SITE WILL BE OCCUPIED.

TREE PROTECTION & VEGETATION REMOVAL NOTES

THE CONTRACTOR SHALL PRESERVE ONSITE VEGETATION TO THE MAXIMUM EXTENT POSSIBLE, ESPECIALLY ON SLOPES.

ALL SCHEDULED LANDSCAPED / UNIMPROVED AREAS TO BE DISTURBED SHALL BE RESTORED AS SHOWN IN THE LANDSCAPING PLANS. NO ADDITIONAL PAYMENT WILL BE MADE FOR DISTURBED AREAS NOT SHOWN IN THE PLANS.

STANDARD TRENCHING MAY BE USED WITHIN THE PERIMETER CRITICAL ROOT ZONE (PCRZ) AND OUTSIDE THE INTERIOR CRITICAL ROOT ZONE (ICRZ).

DURING THIS PROCESS SHALL BE TREATED BY THE CONTRACTOR AS FOLLOWS:

8-02.3(8).

KCHA PROPERTY MANAGER WILL PROVIDE TREE PRUNING AS NECESSARY

TESC

DUST CONTROL

EMISSIONS.

THAT MAY BE INCURRED IN SUCH REMEDIAL ACTION.

CLEARING, GRADING, AND TESC GENERAL NOTES

THE STATE OF WASHINGTON. AND IS SUBJECT TO ENFORCEMENT ACTION.

OR PROVIDED AN EQUIVALENT TYPE OF PROTECTION AGAINST EROSION.

SITE.

EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION.

INTERNATIONAL BUILDING CODE WHERE APPLICABLE.

FILTER FABRIC FENCE NOTES

MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.

POST TO ALLOW THE FILTER FABRIC TO BE BURIED.

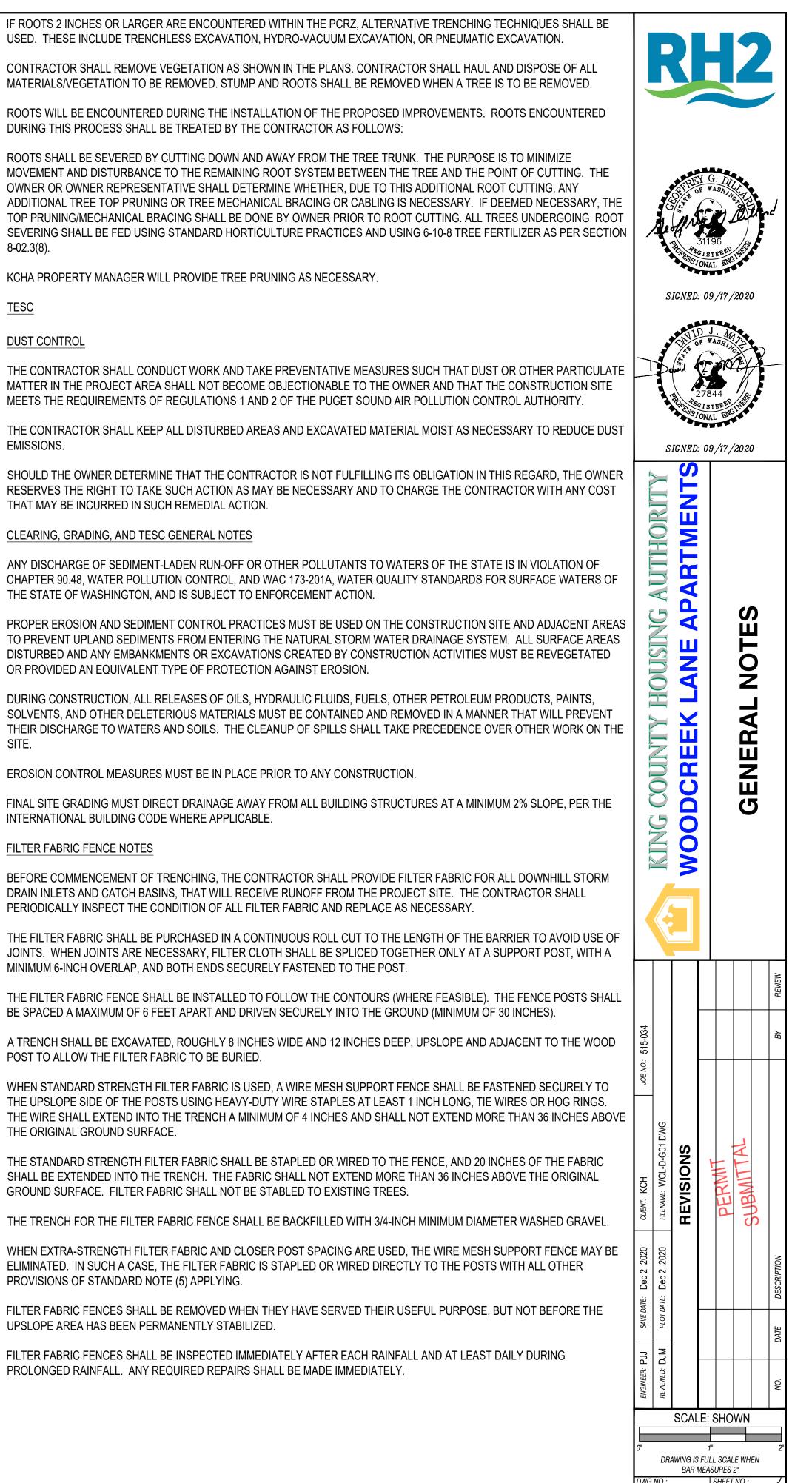
THE ORIGINAL GROUND SURFACE.

GROUND SURFACE. FILTER FABRIC SHALL NOT BE STABLED TO EXISTING TREES.

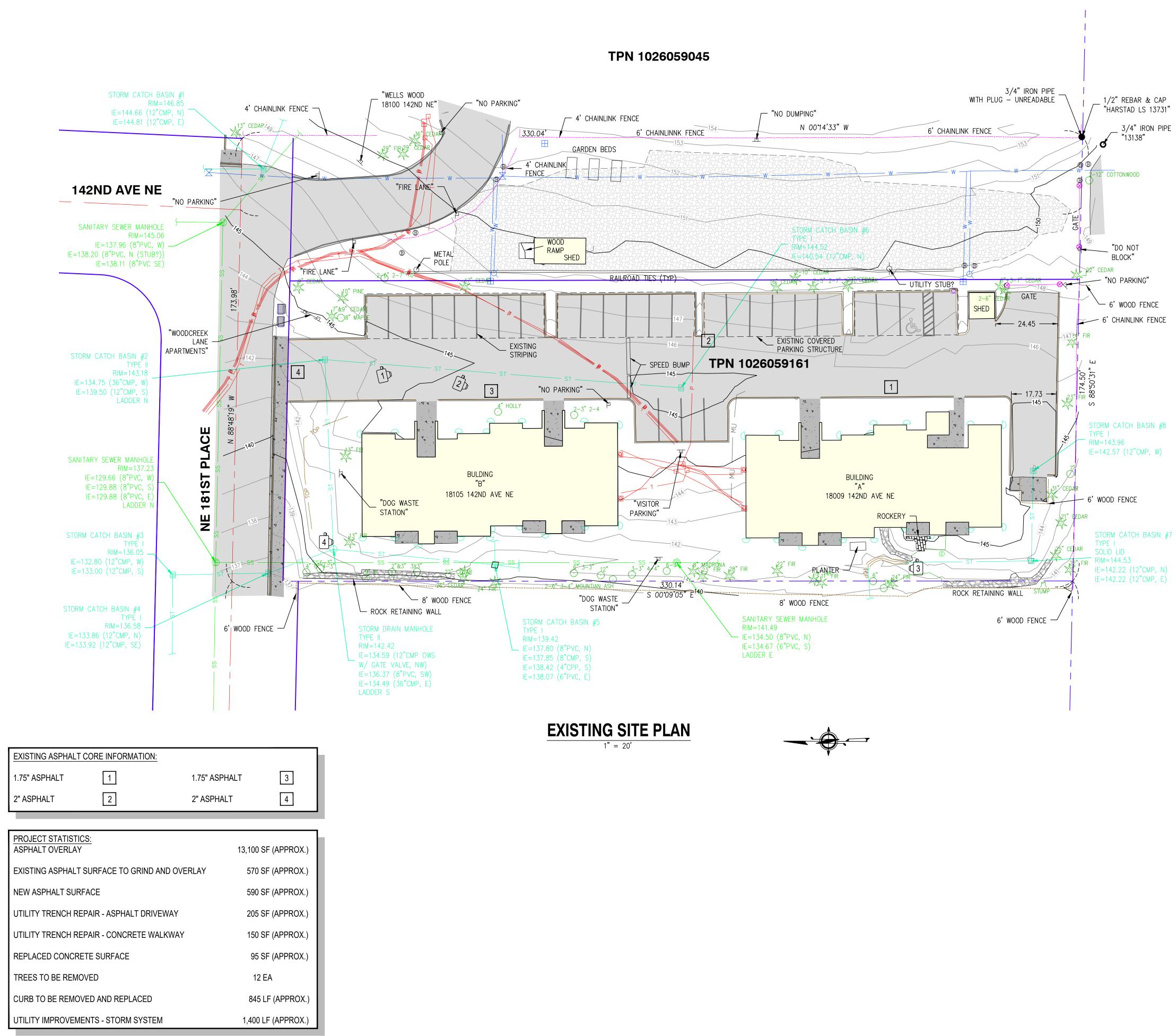
PROVISIONS OF STANDARD NOTE (5) APPLYING.

UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.



G01





EXISTING SITE PHOTO √1



EXISTING SITE PHOTO

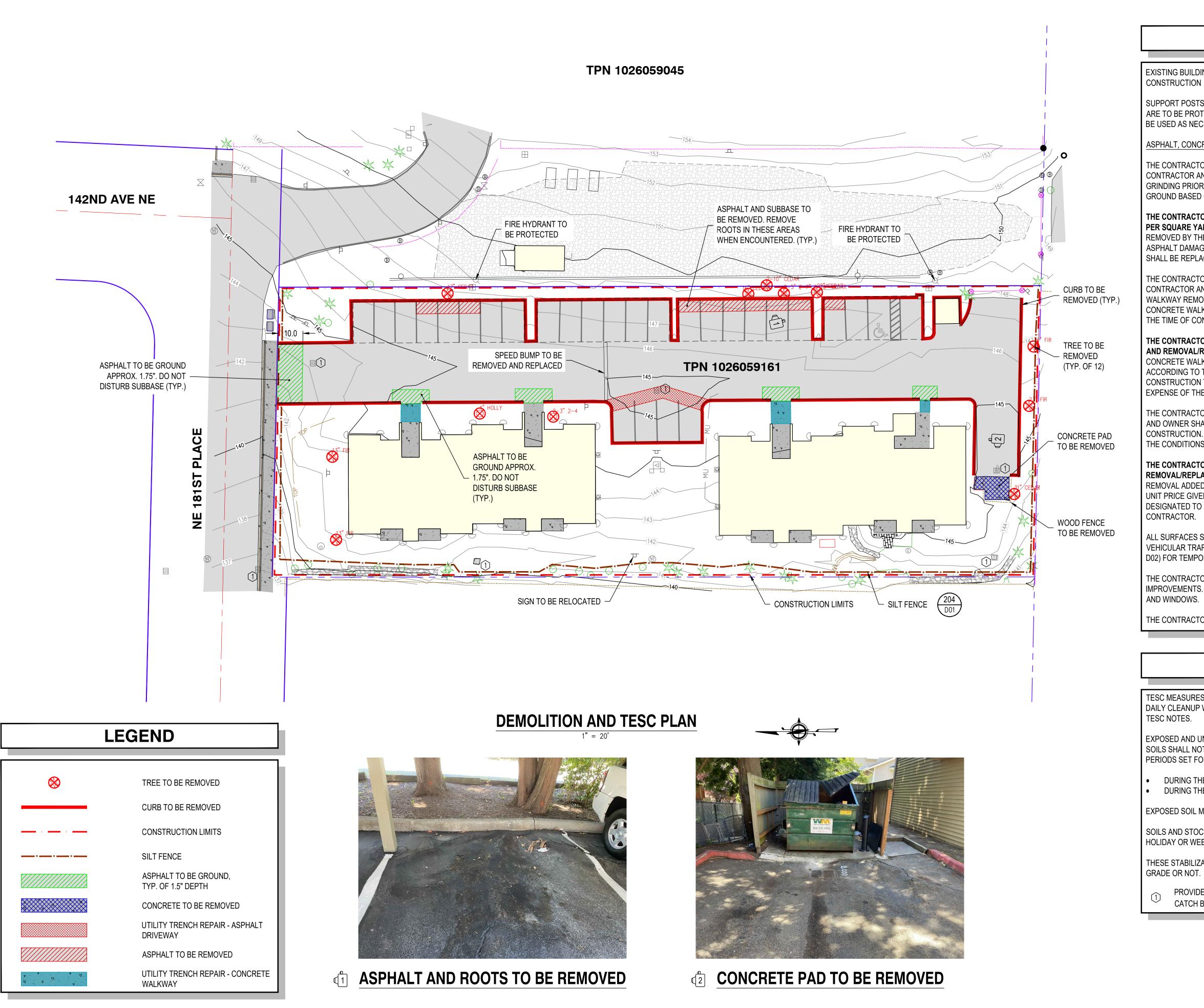


EXISTING SITE PHOTO ₫3



EXISTING SITE PHOTO





DEMOLITION NOTES

EXISTING BUILDINGS AND OTHER SITE FEATURES SHALL BE PROTECTED DURING

SUPPORT POSTS EXIST BETWEEN PARKING SPACES UNDER PARKING COVERS. POSTS ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION AND TEMPORARY SUPPORT SHALL BE USED AS NECESSARY.

ASPHALT, CONCRETE AND CURB REMOVAL:

THE CONTRACTOR SHALL GRIND AND OVERLAY ASPHALT TO THE EXTENTS SHOWN. THE CONTRACTOR AND OWNER SHALL CONFIRM ON-SITE THE FINAL EXTENTS OF ASPHALT GRINDING PRIOR TO CONSTRUCTION. THE OWNER MAY ADD OR REMOVE ASPHALT TO BE GROUND BASED ON THE CONDITIONS FOUND ON-SITE AT THE TIME OF CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE A UNIT PRICE FOR ASPHALT GRINDING AND OVERLAY PER SQUARE YARD (SY) WITH THE PROJECT BID. ANY ASPHALT GRINDING ADDED OR REMOVED BY THE OWNER SHALL BE PAID ACCORDING TO THE UNIT PRICE GIVEN. ANY ASPHALT DAMAGED DURING CONSTRUCTION THAT IS NOT DESIGNATED TO BE GROUND SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL REMOVE CONCRETE WALKWAY TO THE EXTENTS SHOWN. THE CONTRACTOR AND OWNER SHALL CONFIRM ON-SITE THE FINAL EXTENTS OF CONCRETE WALKWAY REMOVAL PRIOR TO CONSTRUCTION. THE OWNER MAY ADD OR REMOVE CONCRETE WALKWAY TO BE REMOVED BASED ON THE CONDITIONS FOUND ON-SITE AT THE TIME OF CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE A UNIT PRICE FOR CONCRETE WALKWAY REMOVAL AND REMOVAL/REPLACEMENT PER SQUARE YARD (SY) WITH THE PROJECT BID. ANY CONCRETE WALKWAY REMOVAL ADDED OR REMOVED BY THE OWNER SHALL BE PAID ACCORDING TO THE UNIT PRICE GIVEN. ANY CONCRETE WALKWAY DAMAGED DURING CONSTRUCTION THAT IS NOT DESIGNATED TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL REMOVE CURB TO THE EXTENTS SHOWN. THE CONTRACTOR AND OWNER SHALL CONFIRM ON-SITE THE FINAL EXTENTS OF CURB REMOVAL PRIOR TO CONSTRUCTION. THE OWNER MAY ADD OR REMOVE CURB TO BE REMOVED BASED ON THE CONDITIONS FOUND ON-SITE AT THE TIME OF CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE A UNIT PRICE FOR CURB REMOVAL AND **REMOVAL/REPLACEMENT PER LINEAR FOOT (LF) WITH THE PROJECT BID.** ANY CURB REMOVAL ADDED OR REMOVED BY THE OWNER SHALL PAID BE ACCORDING TO THE LF UNIT PRICE GIVEN. ANY CURB DAMAGED DURING CONSTRUCTION THAT IS NOT DESIGNATED TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE

ALL SURFACES SHALL BE TEMPORARILY RESTORED TO ALLOW PEDESTRIAN AND VEHICULAR TRAFFIC UNTIL FINAL RESTORATION IS COMPLETED. SEE DETAIL 217 (SHEET D02) FOR TEMPORARY SURFACE RESTORATION REQUIREMENTS.

THE CONTRACTOR SHALL PROTECT BUILDING ENVELOP DURING THE CONSTRUCTION OF IMPROVEMENTS. CAUTION SHALL EXERCISED WHEN EXCAVATING NEAR BUILDING SIDING

THE CONTRACTOR SHALL PROTECT THE PARKING LOT.

TESC

TESC MEASURES INCLUDE SILT FENCE, CATCH BASIN INSERTS, DUST CONTROL, AND DAILY CLEANUP WHERE NECESSARY. SEE GENERAL INFORMATION SHEET (G01) FOR

EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY EROSION CONTROL BMPS. SOILS SHALL NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW:

DURING THE DRY SEASON (MAY 1 THROUGH SEPTEMBER 30): 7 DAYS DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30): 2 DAYS

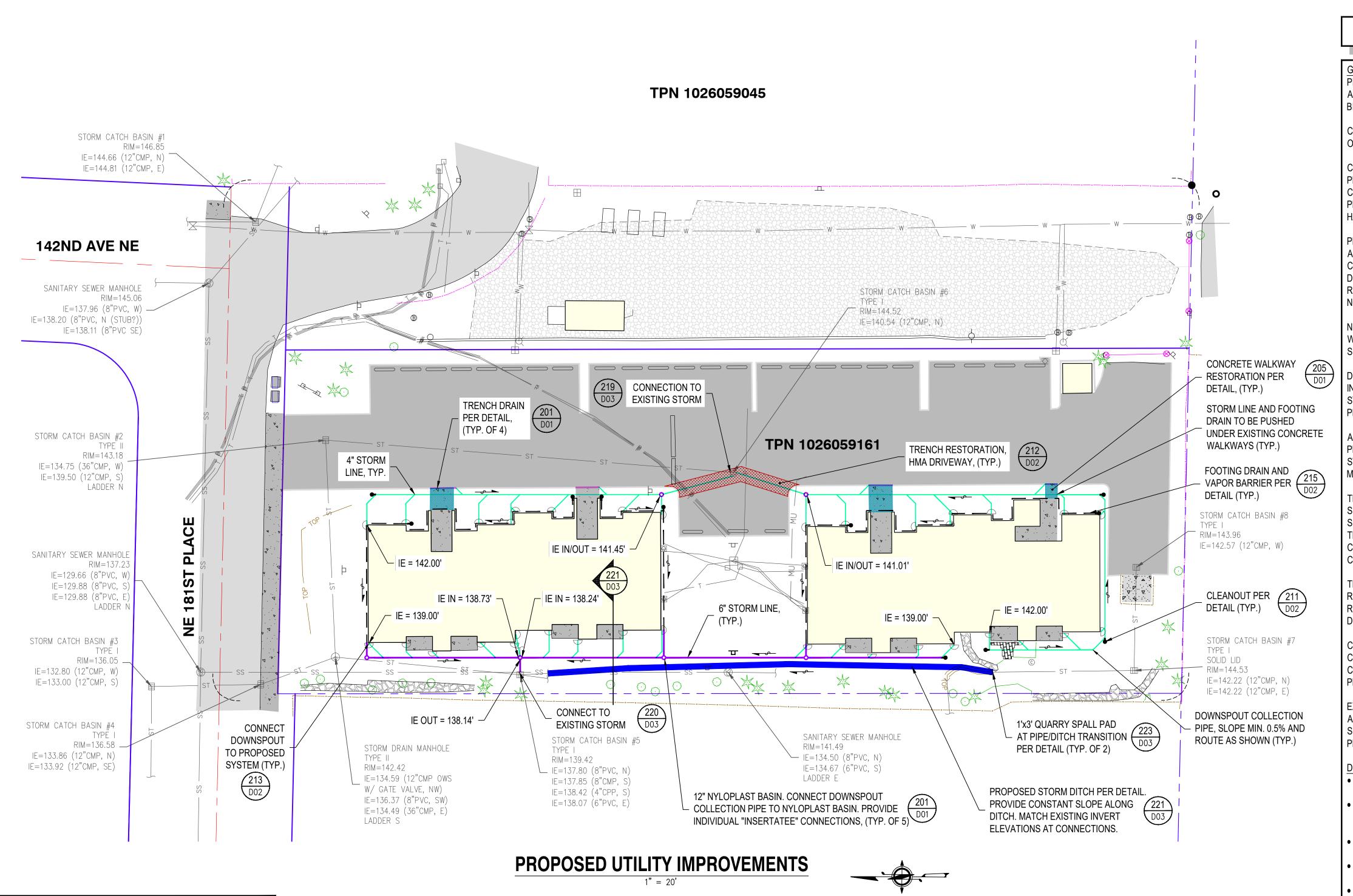
EXPOSED SOIL MUST BE COVERED IMMEDIATELY AT THE THREAT OF RAIN.

SOILS AND STOCKPILES SHALL BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY OR WEEKEND.

THESE STABILIZATION REQUIREMENTS APPLY TO ALL SOILS ON SITE, WHETHER AT FINAL

PROVIDE CATCH BASIN INSERT FOR THE DURATION OF CONSTRUCTION. INSPECT CATCH BASIN INSERTS DAILY AND REMOVE SEDIMENT WHEN $\frac{1}{3}$ FULL.

ES								
ECTED DURING								
ING COVERS. POSTS PORARY SUPPORT SHALL			CITER O	Y G F W	DI			م
EXTENTS SHOWN. THE XTENTS OF ASPHALT EMOVE ASPHALT TO BE E OF CONSTRUCTION.		S	RESS I	2.3119 3119 21st ONAT	L EN	/2020		
GRINDING AND OVERLAY RINDING ADDED OR IT PRICE GIVEN. ANY IATED TO BE GROUND	/ /		HO PART					
EXTENTS SHOWN. THE XTENTS OF CONCRETE ADD OR REMOVE NS FOUND ON-SITE AT		s 		T	/17/	/2020)	
E WALKWAY REMOVAL PROJECT BID. ANY /NER SHALL BE PAID Y DAMAGED DURING L BE REPLACED AT THE		G AUTHORIT	APARTMENT			DI AN		
N. THE CONTRACTOR RB REMOVAL PRIOR TO REMOVED BASED ON N.		ONISU				TESC DI AN		
OVAL AND ECT BID. ANY CURB CCORDING TO THE LF I THAT IS NOT NSE OF THE		UNTY HO	WOODCREEK LANE			EMOLITION AND		
EDESTRIAN AND SEE DETAIL 217 (SHEET		NG CO	DODCI					
THE CONSTRUCTION OF			Š					
								REVIEW
IST CONTROL, AND I SHEET (G01) FOR): 515-034							BY
ON CONTROL BMPS. THAN THE TIME	JOB NO.:	DWG						
: 7 DAYS 2 DAYS		FILENAME: WCL-D-CIV02.DWG	IONS	+		ITTAL		
OF RAIN.	CLIENT: KCH	FILENAME: V	REVISIONS		FIR	MAIL		
HIFT BEFORE A							J	
TE, WHETHER AT FINAL	<i>T</i> E: Sep 17, 2020	TE: Dec 2, 2020						DESCRIPTION
NSTRUCTION. INSPECT EN $\frac{1}{3}$ FULL.	SAVE DATE:	A PLOT DATE:						DATE
	ENGINEER: PJJ	REVIEWED: DJM						NO.
						1		
			SCAL	E: \$	SHO	WN		
IOTE: INDERGROUND UTILITIES	0"	DR	AWING IS	1" FULI	L SCAI		EN	2
	Ĺ	NO.:	AWING IS	1" FULI MEAS		LE WHI 2" " NO.:	EN	2' 2' 09



LEGEND
UTILITY TRENCH REPAIR - CONCRETE WALKWAY UTILITY TRENCH REPAIR - ASPHALT
DRIVEWAY TRENCH DRAIN
4" STORM LINE 6" STORM LINE
FOOTING DRAIN
STORM DITCH
12" NYLOPLAST BASIN CLEANOUT

STORM NOTES

GENERAL STORM DRAINAGE NOTES

PIPE ALIGNMENT SHOWN IS SCHEMATIC. THE CONTRACTOR SHALL VERIFY ALIGNMENTS PRIOR TO STARTING CONSTRUCTION AND THE OWNER SHALL BE NOTIFIED IF ADJUSTMENTS ARE NECESSARY

CONTRACTOR MAY MODIFY PIPE ALIGNMENT IN THE FIELD WITH APPROVAL OF OWNER'S REPRESENTATIVE.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING INVERTS AND DEPTH OF PROPOSED PIPE ALIGNMENT AND EXISTING UTILITIES PRIOR TO CONSTRUCTION TO AVOID CONFLICTS AND ASSURE PROPER DRAINAGE. ALL PROPOSED PIPES SHALL MEET THE MINIMUM COVER REQUIREMENTS AND HAVE A CONTINUOUS SLOPE TO AVOID INTERMITTENT LOW POINTS.

PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF STORM DRAINAGE WORK, ALL NEW AND EXISTING PIPES AND STORM DRAIN STRUCTURES SHALL BE CLEANED AND FLUSHED. ANY OBSTRUCTIONS TO FLOW WITHIN THE STORM DRAIN SYSTEM, (SUCH AS RUBBLE, MORTAR AND WEDGED DEBRIS), SHALL BE REMOVED AT THE NEAREST STRUCTURE. WASH WATER OF ANY SORT SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM OR SURFACE WATERS.

NEW CONNECTIONS TO EXISTING CATCH BASINS SHALL BE CORE-DRILLED. WHEN CONNECTING NEW PIPE TO EXISTING PENETRATION, PIPE SHALL BE SEALED WITH GROUT.

DRAINAGE PIPE UNDER DRIVEWAYS AND TRAFFIC AREAS SHALL BE INSTALLED TO WITHSTAND H-20 TRAFFIC LOADING. ALL PIPE DRAINAGE SYSTEMS SHALL HAVE SUFFICIENT COVER MATERIALS AND COMPACTION TO PREVENT STRUCTURAL DAMAGE FROM VEHICULAR TRAFFIC.

ALL PIPES, CATCH BASINS AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS AND CITY OF KENT REQUIREMENTS. PIPE MATERIALS SHALL MEET OR EXCEED WSDOT SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE 100% IMPORT BACKFILL MATERIAL AND SHALL DISPOSE OF ALL EXCAVATED MATERIALS. ALL EXCAVATED AREAS SHALL BE COMPACTED AS SHOWN IN THE PLANS AND STANDARD DETAILS. THE OWNER MAY ALLOW THE USE OF NATIVE MATERIALS FOR BACKFILL. THE CONTRACTOR SHALL PROVIDE A UNIT PRICE THAT WILL BE USED FOR COMPENSATION/CREDIT WHEN ADDING/REMOVING BACKFILL QUANTITIES.

THE CONTRACTOR SHALL PROVIDE SHORING & TRENCH SAFETY AS REQUIRED BY OSHA, WISHA AND APPLICABLE FEDERAL AND STATE REGULATIONS TO ENSURE ADEQUATE AND SAFE WORKING CONDITIONS DURING THE CONSTRUCTION OF IMPROVEMENTS.

CONTRACTOR SHALL PROTECT EXISTING UTILITIES DURING THE CONSTRUCTION OF IMPROVEMENTS. NOT ALL UTILITIES ARE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR POTHOLING AND LOCATING ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION OF IMPROVEMENTS.

EXISTING UNDERGROUND UTILITIES ARE SHOWN SCHEMATICALLY. ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN MAY EXIST. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ACTUAL LOCATION OF UTILITIES PRIOR TO COMMENCING CONSTRUCTION OF IMPROVEMENTS.

DESIGN INTENT

- DOWNSPOUT COLLECTION PIPE SHALL BE 4" AND 6" SDR 25 PVC PIPE COMPLYING TO ASTM 3034.
- FITTINGS FOR PIPE SHALL BE SDR 25 PVC COMPLYING TO ASTM 3034. CONTRACTOR SHALL VERIFY THAT PIPE AND FITTINGS MATCH PRIOR TO PURCHASING.
- PIPE SLOPE SHALL BE 0.5% MINIMUM, POSITIVE DRAINAGE AWAY FROM THE BUILDING SHALL BE PROVIDED

INVERT OF DOWNSPOUT COLLECTION PIPE SHALL START A MINIMUM OF 1' BELOW SHOWN FINISHED FLOOR GRADE

INVERT OF ON-SITE STORM SYSTEM PIPE SHALL START AS SHOWN ON PLANS

DEWATERING NOTES

GROUND WATER CONDITIONS ARE UNKNOWN. IT IS EXPECTED THAT DEWATERING SHALL BE INCLUDED AS PART OF THE BID. THE CONTRACTOR SHALL PROVIDE A DEWATERING PLAN AS PART OF THIS PROJECT. DEWATERING METHODS SHALL COMPLY TO THE WSDOT STANDARD SPECIFICATIONS.

SIGNED: 09/17/2020							
	NING COUNTY HOUSING AUTHORITY	WOODCREEK LANE APARTMENTS			DEODOCED ITTI ITV IMDROVEMENTS		
						REVIEW	
JOB NO.: 515-034						BY	
CLIENT: KCH	FILENAME: WCL-D-CIV03.DWG	REVISIONS	Ë	PERMIT	CI IRMITTAL		

SCALE: SHOWN

DRAWING IS FULL SCALE WHEN BAR MEASURES 2"

04

C03

RH2

NOTE:
CONTOUR LINES NOT
SHOWN FOR CLARITY



NOTE: UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY

NOTES

ALL FLOWLINES ACROSS IMPERVIOUS SURFACES SHALL MATCH EXISTING CONDITIONS.

PAVED AREAS WHERE NEW ASPHALT MEETS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAW CUT TO A NEAT AND VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1. THE NEW ASPHALT SHALL BE TAPERED TO MEET EXISTING AT A BUTT JOINT. THE JOINT SHALL BE SEALED WITH AR-4000W.

GENERAL PAVING NOTES

CONTRACTOR SHALL MATCH EXISTING DRAINAGE CONFIGURATION AND GRADE TOWARDS EXISTING CATCH BASINS.

CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING WATER PONDING ON THE HMA SURFACES DUE TO LOW POINTS IN THE FINAL PAVING.

CATCH BASINS SHALL BE THE ONLY LOW POINTS LOCATED IN THE FINAL PAVING.

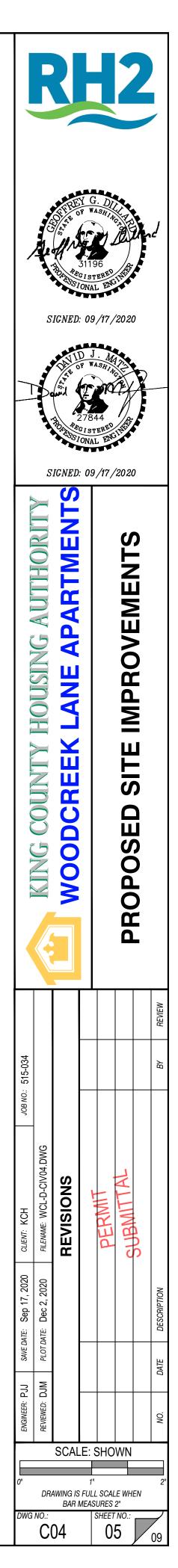
CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS BEYOND THE SCOPE OF THE DRIVEWAY IMPROVEMENTS TO THEIR EXISTING CONDITION OR BETTER. HYDROSEED ALL GRASS AREAS DISTURBED.

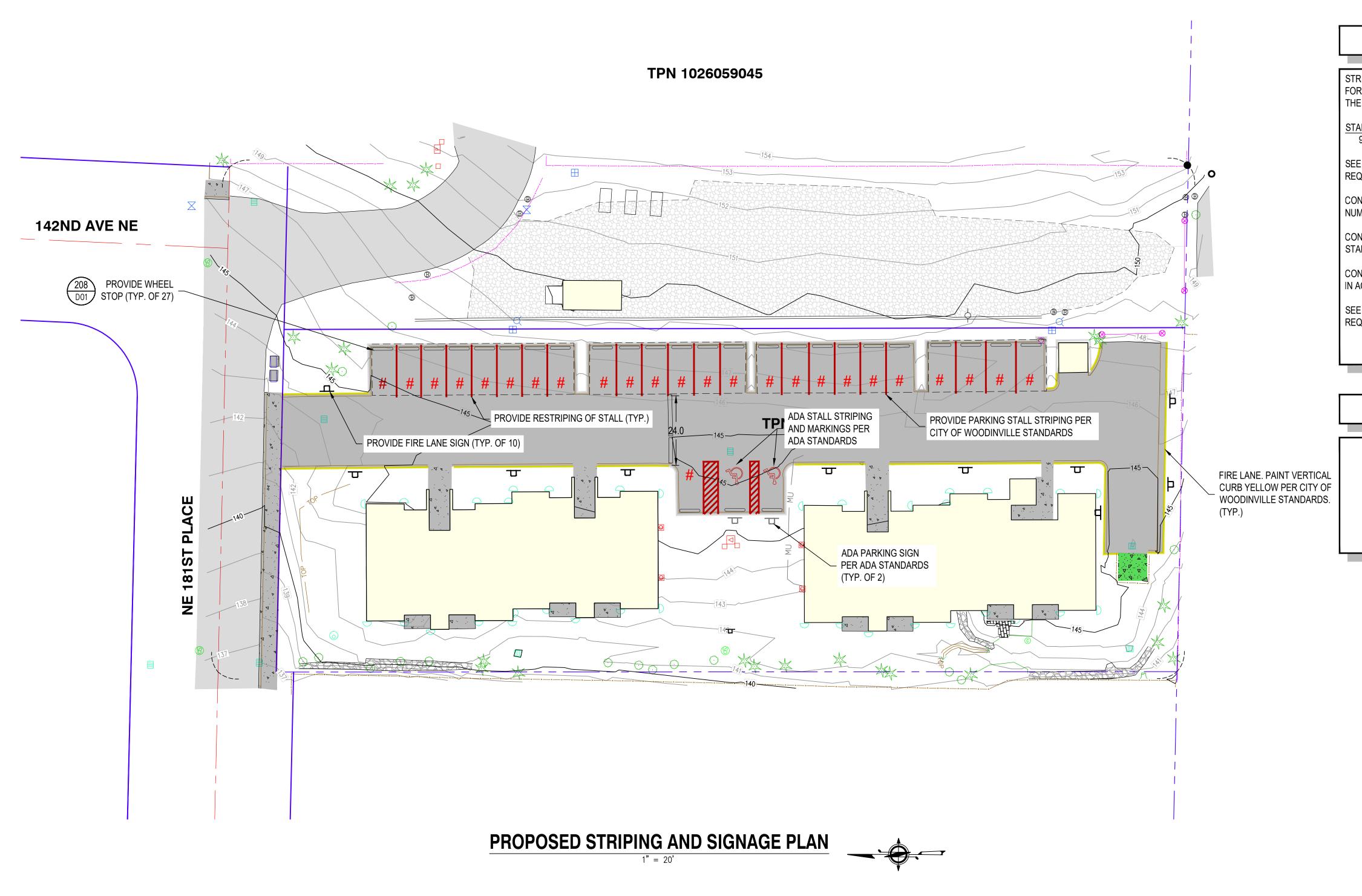
ALL CONCRETE CURB OR WALKWAY THAT IS NOT DESIGNATED FOR REPLACEMENT AND IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

PROVIDE POSITIVE SLOPE AWAY FROM CONCRETE WALKWAY.

LEGEND

CONCRETE VERTICAL CURB OVERLAY GRIND AND OVERLAY NEW ASPHALT AREA NEW CONCRETE TRASH PAD





NOTES							
FOR INSTALLING	ONS ARE APPROXIMAT MINIMUM # OF PARKING DDINVILLE REQUIREME	G SPACES SHOWN AG					
<u>STALL WIDTH</u> 9 FT	<u>CURB LENGTH</u> 9 FT	STALL DEPTH 18 FT	ANGLE 90°				
SEE CITY OF WOODINVILLE MUNICIPAL CODE 21.44.040 FOR FULL PARKING REQUIREMENTS.							
CONTRACTOR TO PROVIDE STALL NUMBERS (2 DIGITS). LOCATION OF STALL NUMBERS TO BE FIELD DETERMINED BY OWNER'S REPRESENTATIVE.							
CONTRACTOR SHALL PROVIDE STRIPING FOR A MINIMUM OF 27 PARKING STALLS.							
CONTRACTOR SHALL PAINT CURB AND PROVIDE SIGNS FOR THE FIRE LANE IN ACCORDANCE WITH THE CITY OF WOODINVILLE CODE.							
SEE CITY OF WOODINVILLE MUNICIPAL CODE 10.12.030 FOR FULL FIRE LANE REQUIREMENTS.							

LEGEND

FIRELANE SIGN

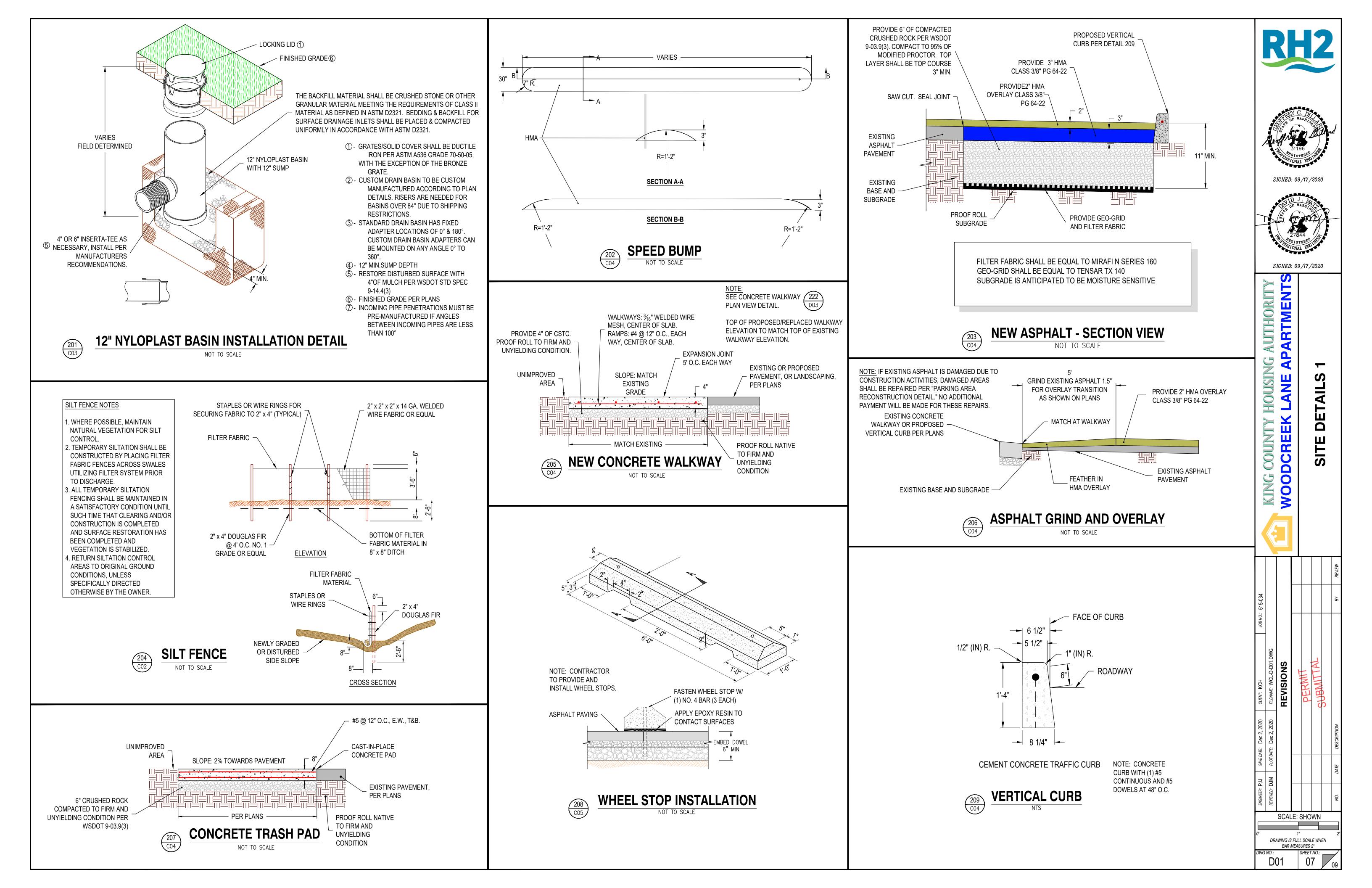
FIRELANE STRIPING

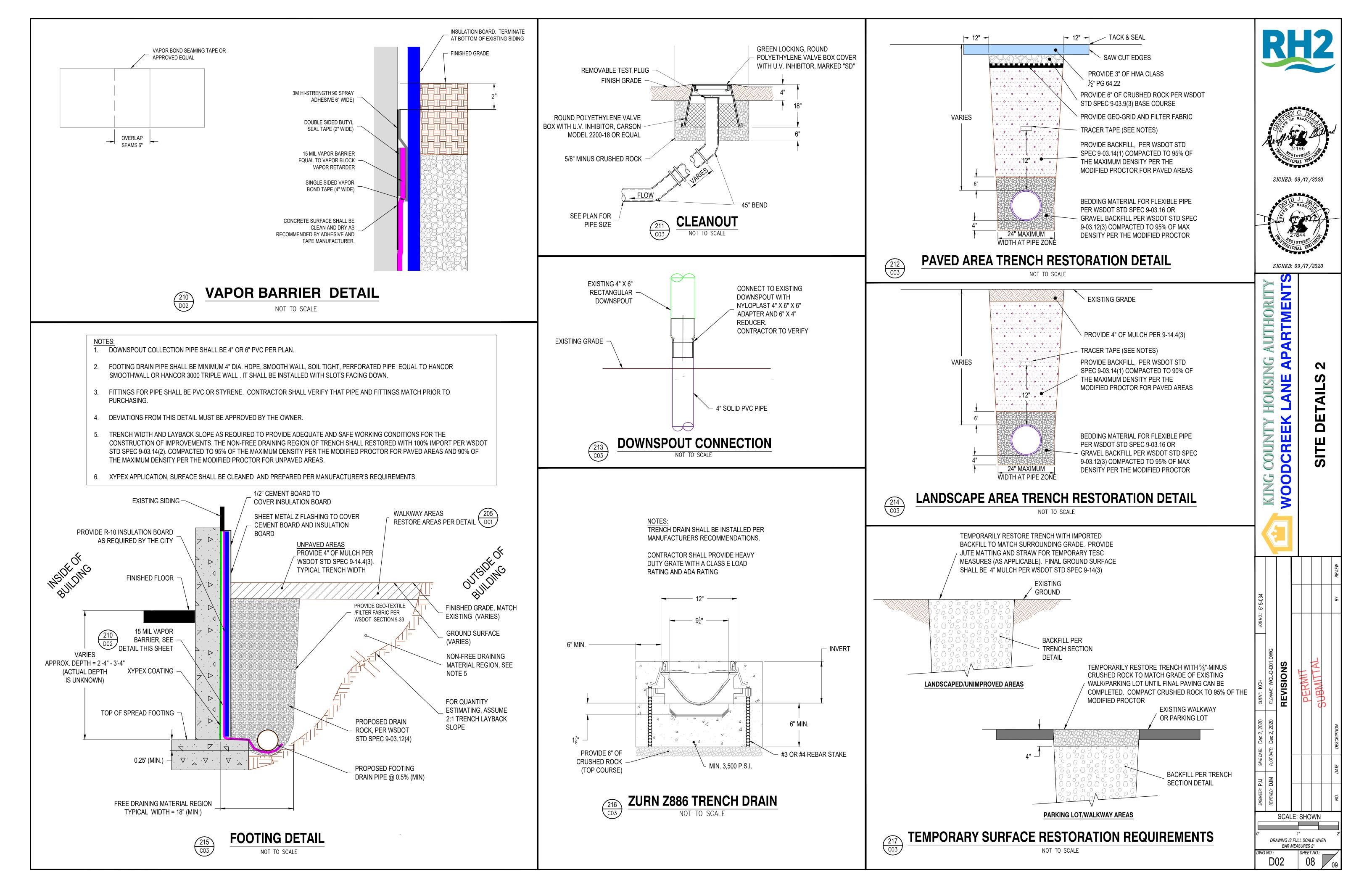
PARKING STALL AND PAVEMENT MARKINGS

д



NOTE: UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY







NOT TO SCALE

- METAL CAP SYSTEM TO BE CONSTRUCTED OF 24 GA KYNAR PRE PAINTED METAL. SYSTEM WILL BE INSTALLED IN 5' SECTIONS WITH PRE MADE MITERS FOR THE 90
- DEGREE CORNERS. "T" MITERS FOR INTERSECTIONS OF WALLS.

- PROVIDE 3-SIDED ENCLOSURE.

