

SW 1/4, NE 1/4, SECTION 4, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.

ROSE HILL APARTMENTS

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MUKILTEO, WA 98275

CLIENT

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EVERETT, WA 98201
425.750.7926
CONTACT: RYAN KILBY

CONSULTANTS

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CG ENGINEERING
250 4TH AVE S, SUITE 200
EDMONDS, WA 98020
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17311 135TH AVE NE, A-500
WOODINVILLE, WA 98072
425.486.1669
CONTACT: KHALED SHAWISH

LEGAL DESCRIPTION

LOT 6 & 7, BLOCK 3, THOMAS ADDITION OF TOWN OF MUKILTEO, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 1 OF PLATS, PAGE 89, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

BASIS OF BEARING

MONUMENTS FOUND ALONG THE CENTERLINE OF 3RD STREET, BEARING AS N76°30'30"E

VERTICAL DATUM

NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).



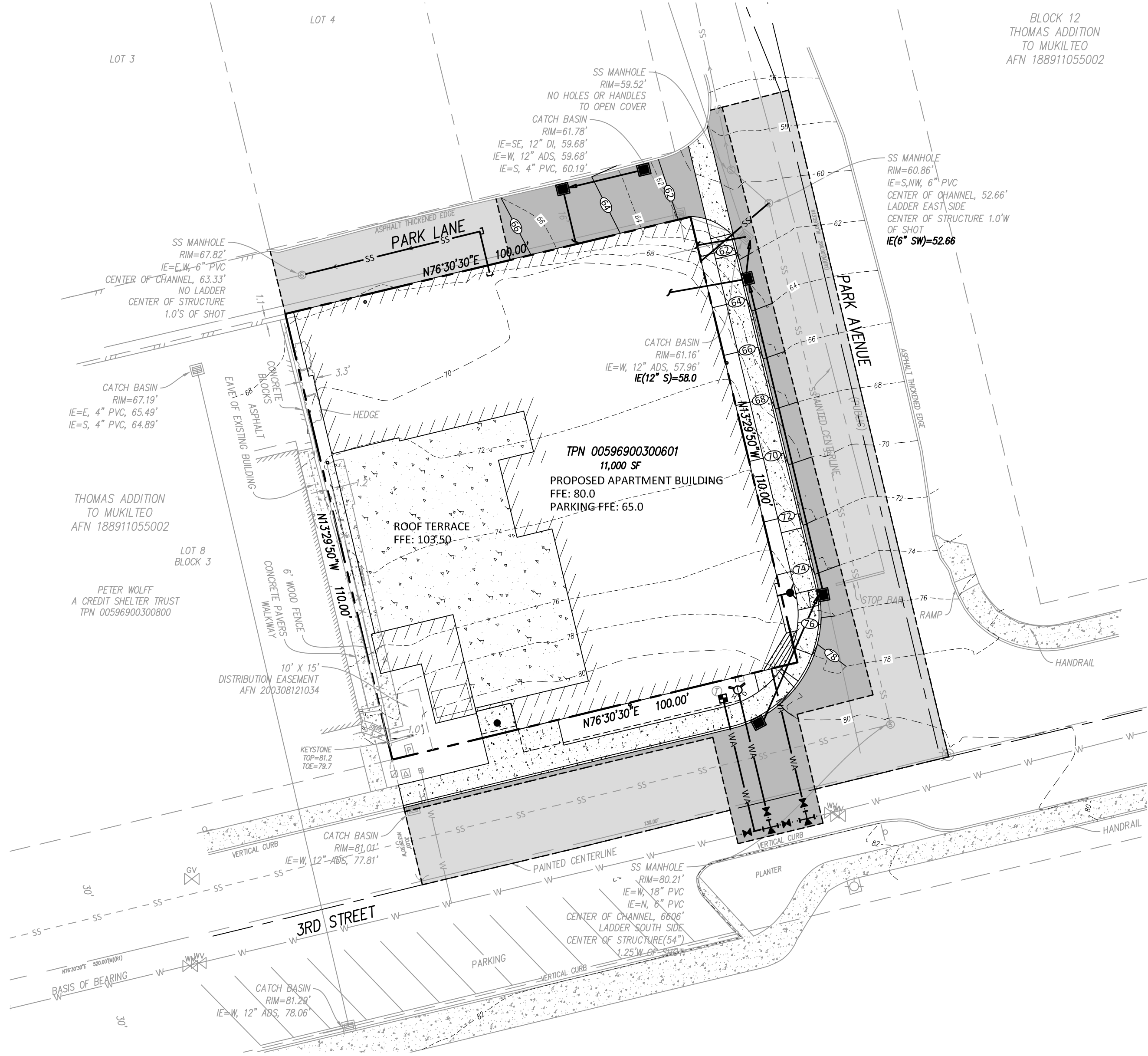
CAUTION!
CALL BEFORE YOU DIG!
BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION
1-800-424-5555

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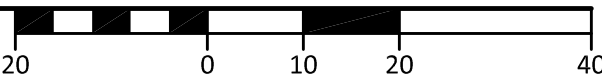


VICINITY MAP
NTS



1

SITE PLAN
SCALE: 1" = 20'



LEGEND

DESCRIPTION	EXISTING	PROPOSED	ABBREVIATIONS			
PROPERTY LINE	---	---	ABN	ABANDONED	MIN	MINIMUM
ADJACENT PROPERTY LINE	---	---	BLDG	BUILDING	MJ	MECHANICAL JOINT
CENTERLINE	---	---	BOW	BOTTOM OF WALL	MON	MONUMENT
CLEARING LIMITS	---	---	CL	CENTERLINE	NTS	NOT TO SCALE
SILT FENCE	X X	X X	CB	CATCH BASIN	OC	ON CENTER
CONTOUR LINE	100	100	CMP	CORRUGATED METAL PIPE	PC	POINT OF CURVATURE
FENCE	□ □	□ □	CO	CLEANOUT	PI	POINT OF INTERSECTION
SANITARY SEWER LINE	SS SS	SS SS	CONC	CONCRETE	PIV	POST INDICATOR VALVE
MANHOLE	⊙	⊙	CONST	CONSTRUCTION	PL	PROPERTY LINE
STORM DRAIN MAIN	SD SD	SD SD	CP	CONCRETE PIPE	PT	POINT OF TANGENCY
STORM DRAIN PIPE	SD SD	SD SD	CU YD	CUBIC YARD	PVC	POLYVINYL CHLORIDE PIPE
ROOF DRAIN	R R	R R	DDCVA	DOUBLE DETECTOR CHECK VALVE ASSEMBLY	PVI	POINT OF VERTICAL INTERSECTION
FOOTING DRAIN	F F	F F	DI	DUCTILE IRON PIPE	PVMT	PAVEMENT
PRESSURE LINE	P P	P P	DIA	DIAMETER	PVT	POINT OF VERTICAL TANG.
CATCH BASIN (TYPE 1)	□	⊙	DIP	DUCTILE IRON PIPE	R	RADIUS
CATCH BASIN (TYPE 2)	□	⊙	EA	EACH	REINF	REINFORCEMENT
CLEANOUT	○	○	EJ	EXPANSION JOINT	RJ	RESTRAINED JOINT
CLEANOUT AND WYE	Y	Y	ELEV	ELEVATION	RET	RETAINING
GRADE BREAK	---	---	EOP	EDGE OF PAVEMENT	RT	RIGHT
SURFACE SWALE	---	---	EX	EXISTING	SD	STORM DRAIN
DRAINAGE ARROW	---	---	FDC	FIRE DEPT. CONNECTION	SECT	SECTION
WATER LINE	WA WA	WA WA	FFE	FINISHED FLOOR ELEVATION	SDMH	STORM DRAIN MANHOLE
WATER METER	⊙	⊙	FH	FIRE HYDRANT	SIM	SIMILAR
FIRE HYDRANT	⊙	⊙	FL	FLANGE	SQ	SQUARE
FDC	⊙	⊙	FT	FEET/FOOT	SS	SANITARY SEWER
PIV	○	○	GV	GATE VALVE	SSMH	SANITARY SEWER MANHOLE
GATE VALVE	X	X	HP	HIGH POINT	STA	STATION
TEE	T	T	HT	HEIGHT	STD	STANDARD
90° BEND	└	└	ID	INSIDE DIAMETER	STL	STEEL
THRUST BLOCKING	Δ	Δ	IE	INVERT ELEVATION	TB	THRUST BLOCK
CAP	⊙	⊙	L	LENGTH/LINE	TOC	TOP OF CURB
CONCRETE PAVEMENT	▴ ▴ ▴	▴ ▴ ▴	LCPE	LINED CORRUGATED POLYETHYLENE PIPE	TOW	TOP OF WALL
ASPHALT PAVEMENT	▴ ▴ ▴	▴ ▴ ▴	LF	LINEAL FOOT	TOP	TOP ELEVATION
CRUSHED SURFACING	▴ ▴ ▴	▴ ▴ ▴	LP	LOW POINT	TYP	TYPICAL
ROCKERY	○ ○ ○	○ ○ ○	LT	LEFT	VC	VERTICAL CURVE
SPOT ELEVATION	20.0	20.0	MAX	MAXIMUM	W/	WITH
TELEPHONE LINE	T T	T T	MECH	MECHANICAL	WM	WATER METER
POWER LINE	E E	E E	MH	MANHOLE		
GAS LINE	G G	G G				
SIGN	⊙	⊙				

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DESCRIPTION	DATE	MARK
PERMIT SUBMITTAL	01/27/23	
DESIGN:	NAT	
DRAWN:	JCP	
CHECK:	JPU	
JOB NO:	22332.20	
DATE:	01/27/23	

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

COVER SHEET & SITE PLAN

FILE NAME

SHEET:

C1.1

GENERAL NOTES

(THESE NOTES ARE TYPICAL UNLESS NOTED OR DETAILED OTHERWISE ON DRAWINGS)

GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF MUKILTEO DEVELOPMENT STANDARDS; THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION; AND THE ADOPTED EDITION OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
2. ALL WORK WITHIN THE PLAT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY.
3. PRIOR TO ANY SITE CONSTRUCTION INCLUDING CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS.
4. THE DEVELOPER, CONTRACTOR AND PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS GREG GUILLEN (CG ENGINEERING), 425-778-8500.
5. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY OF MUKILTEO COMMUNITY DEVELOPMENT DEPARTMENT AT 425-263-8000 TO SCHEDULE A PRECONSTRUCTION CONFERENCE.
6. ENGINEERED AS-BUILT DRAWINGS IN ACCORDANCE WITH THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE SHALL BE REQUIRED PRIOR TO FINAL SITE APPROVAL.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR UTILITY, ROAD, AND RIGHT-OF-WAY CONSTRUCTION. THE CONTRACTOR FOR THIS PROJECT IS
CONTACT PERSON: CASEY DIXON, EXCEL PACIFIC
PHONE: 360.734.2872
MOBILE: TBD
24-HOUR EMERGENCY CONTACT AND PHONE: TBD
8. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION (SWPPP) FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PLANS PRIOR TO ANY GRADING OR LAND CLEARING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM.
9. A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL) OR SWPPP SUPERVISOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SWPP FACILITIES, AS OUTLINED IN THE APPROVED SWPPP, OR AS MODIFIED FROM TIME TO TIME. CONTACT INFORMATION FOR THE CESCL (OR SWPPP SUPERVISOR) FOR THE PROJECT SHALL BE GIVEN TO THE CITY.
10. NONCOMPLIANCE WITH THE REQUIREMENTS FOR EROSION CONTROLS, WATER QUALITY AND CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL, AND BOND FORECLOSURES.
11. TRENCH BACKFILL OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) AND 2-03.3(14) D OF THE WSDOT STANDARD SPECIFICATIONS.
12. THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR ASSISTANCE IN UTILITY LOCATION, CALL 811.
13. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE PUBLIC WORKS DIRECTOR WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION; ONE SET SHALL BE SUBMITTED TO THE PROJECT ENGINEER, AND ONE SET SHALL BE SUBMITTED TO THE CITY AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.
15. A GRADING PERMIT ISSUED PURSUANT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE, AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE OBTAINED FROM THE COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO ANY ON-SITE GRADING WORK NOT EXPRESSLY EXEMPT BY THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE.

SITE GRADING AND CONSTRUCTION SWPPP NOTES:

1. PRIOR TO ANY SITE WORK, INCLUDING CLEARING, LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS ORCA LAND SURVEYING, 425-259-3400.
2. SOILS IN MUKILTEO OFTEN CONTAIN FINER PARTICLES WHICH WILL PASS THROUGH SEDIMENT TRAPS UNTREATED AND HAVE EXTREMELY LONG SETTLING TIMES. THEREFORE, THE NEED TO CONTROL EROSION FROM THE SITE IS THE FIRST PRIORITY AND SHOULD BE EMPHASIZED.
3. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. AN INSPECTION BY THE CITY OF THESE FACILITIES SHALL BE ARRANGED FOR BY THE CONTRACTOR PRIOR TO ANY GRADING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
4. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDROSEEDING IS PREFERRED.
5. THE DEVELOPER (OR PROJECT ENGINEER) IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS GREG GUILLEN (CG ENGINEERING), 425-778-8500.
6. IF THE PROJECT WILL DISTURB MORE THAN ONE (1) ACRE OF LAND, THEN A CONSTRUCTION NPDES PERMIT IS REQUIRED AND A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL) SHALL BE ASSIGNED TO THE SITE. THE CESCL'S NAME, PHONE NUMBER, AND CESCL CERTIFICATE NUMBER IS TBD.
7. ALL SITE WORK MUST BE PERFORMED IN ACCORDANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
8. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. A PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.
9. IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO BE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER EXPERIENCED IN SOIL MECHANICS.
10. THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES, THEN CUTTING BACK TO FINAL GRADES; OR BY COMPACTING EACH LIFT AS THE SLOPE IS BEING CONSTRUCTED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORKING DAY.
11. ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY IN THE UPPER 4 FEET & 90% MAXIMUM DENSITY BELOW 4 FEET AS DETERMINED BY MODIFIED PROCTOR.
12. NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS AND PLAN APPROVAL AND BOND FOCLOSURES.
13. UPON COMPLETION OF WORK, FINAL REPORTS MUST BE SUBMITTED TO THE CITY IN CONFORMANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
14. A WET WEATHER EROSION CONTROL PLAN MUST BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL ON OR BEFORE SEPTEMBER 1, IF THE PROJECT IS PROPOSING TO ACTIVELY CLEAR, GRADE, OR OTHERWISE DISTURB 1,000 SQUARE FEET OR MORE OF SOIL DURING THE PERIOD BETWEEN OCTOBER 1 AND APRIL 30. OTHER THRESHOLDS FOR A WET WEATHER EROSION CONTROL PLAN INCLUDE PROJECTS THAT:
 - A. HAVE AREA(S) THAT DRAIN, BY PIPE, OPEN DITCH, SHEET FLOW, OR A COMBINATION OF THESE TO A TRIBUTARY WATER, AND THE TRIBUTARY WATER IS ONE-QUARTER MILE OR LESS DOWNSTREAM; OR
 - B. HAVE SLOPES STEEPER THAN 15 PERCENT ADJACENT OR ON-SITE; OR
 - C. HAVE HIGH POTENTIAL FOR SEDIMENT TRANSPORT, AS DETERMINED BY THE CONSTRUCTION SITE SEDIMENT TRANSPORT POTENTIAL WORKSHEET; OR
 - D. HAVE A CRITICAL AREA OR CRITICAL AREA BUFFER ON-SITE, OR WITHIN 50 FEET OF THE SITE; OR
 - E. HAVE HIGH GROUNDWATER TABLE OR SPPING.

TEMPORARY SEEDING GENERAL NOTES:

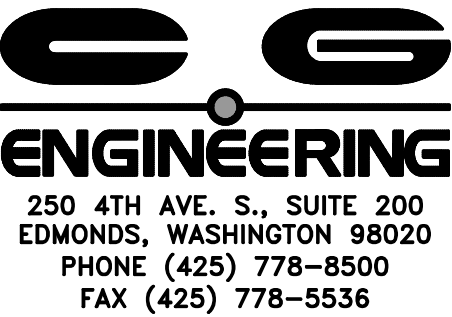
1. USE SEEDING THROUGHOUT THE PROJECT ON DISTURBED AREAS THAT HAVE REACHED FINAL GRADE OR THAT WILL REMAIN UNWORKED FOR MORE THAN 30 DAYS.
2. THE OPTIMUM SEEDING WINDOWS ARE APRIL 1 THROUGH JUNE 30 AND SEPTEMBER 1 THROUGH OCTOBER 1.
3. BETWEEN OCTOBER 1 AND MARCH 30 SEEDING REQUIRES A COVER OF MULCH WITH STRAW OR AN EROSION CONTROL BLANKET UNTIL 75 PERCENT GRASS COVER IS ESTABLISHED.
4. REVIEW ALL DISTURBED AREAS IN LATE AUGUST TO EARLY SEPTEMBER AND COMPLETE ALL SEEDING BY THE END OF SEPTEMBER.
 - A. MULCH IS REQUIRED AT ALL TIMES FOR SEEDING. MULCH CAN BE APPLIED ON TOP OF THE SEED OR SIMULTANEOUSLY BY HYDROSEEDING (SEE ECOLOGY BMP C121 MULCHING FOR SPECIFICATIONS).
 - B. SEED AND MULCH ALL DISTURBED AREAS NOT OTHERWISE VEGETATED AT FINAL SITE STABILIZATION.

SEDIMENT TRAP GENERAL NOTES:

1. SEDIMENT TRAPS ARE ONLY EFFECTIVE IN REMOVING SEDIMENT DOWN TO ABOUT THE MEDIUM SILT SIZE FRACTION. SOILS IN MUKILTEO OFTEN CONTAIN FINE SILT AND MAY NOT BE ADEQUATELY TREATED WITH SEDIMENT PONDS. THEREFORE, EROSION CONTROL PRACTICES SHOULD BE EMPHASIZED AND PRIORITIZED.
2. THE POND SHALL BE CHECKED AFTER EACH RAIN EVENT, OR WEEKLY, WHICHEVER IS SOONER, TO INSURE THAT IT THE WALLS ARE STRUCTURALLY SOUND, THE POND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT, AND TO DETERMINE MAINTENANCE NEEDS.
3. ANY DAMAGE TO THE POND EMBANKMENTS OR SLOPES SHALL BE REPAIRED IMMEDIATELY.
4. THE EMERGENCY SPILLWAY SHOULD BE CHECKED REGULARLY TO INSURE THAT THE LINING IS WELL ESTABLISHED AND EROSION RESISTANT. THE SILTATION BASIN SHOULD BE CHECKED FOR SEDIMENT CLEANOUT AFTER EACH RAINFALL WHICH PRODUCES RUNOFF.
5. WHEN THE SEDIMENT REACHES THE CLEANOUT LEVEL (TYPICALLY 1-FOOT IN DEPTH), IT SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE.
6. SECONDARY TREATMENT MAY BE NECESSARY IF THE SEDIMENT POND CANNOT EFFECTIVELY REMOVE THE FINE GRAIN SOILS.

STORM DRAINAGE GENERAL NOTES:

- ALL PIPE SHALL BE PLACED ACCORDING DIVISION 7 OF THE WSDOT STANDARD SPECIFICATIONS.
- BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN 6" AVERAGE DEPTH LOOSE LIFTS. MAXIMUM LIFT DEPTH SHALL NOT EXCEED 9". EACH LIFT SHALL BE THOROUGHLY COMPACTED. COMPACTED LIFTS MUST EXTEND AT LEAST ONE PIPE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. BACKFILL OVER THE PIPE SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) THE WSDOT STANDARD SPECIFICATIONS.
- ALL GRATES LOCATED IN THE GUTTER FLOW LINE (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FEET BELOW PAVEMENT LEVEL.
- ALL CATCH BASINS ARE TO BE TYPE 1 UNLESS OTHERWISE APPROVED BY THE CITY OR DESIGNATED REPRESENTATIVE. THE USE AND INSTALLATION OF INLETS IS NOT ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES TO GRADE JUST PRIOR TO CURB INSTALLATION AND/OR PAVING.
- ALL CATCH BASINS WITH A DEPTH OF 5 FEET OR GREATER TO THE FLOW LINE SHALL BE TYPE II CATCH BASINS.
- VANED GRATES ARE REQUIRED ON ALL STORM STRUCTURES. ALL CATCH BASINS AND MANHOLES SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR USE.
- POLYPROPYLENE SAFETY STEPS AND LADDER STEPS SHALL BE PROVIDED IN ALL MANHOLES AND SHALL BE POSITIONED CORRECTLY WITH THE BOLT AREAS ON THE RIM.
- CATCH BASIN FRAMES AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL SM60, SM52, OR SM44. LOCKING TYPE OR EQUIVALENT. MODEL SM52 SHALL BE REFERRED TO AS A "THROUGH CURB INLET" ON THE PLANS.
- DETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL REQUIRE A VINYL COATED CHAIN LINK PERIMETER FENCE. SIDE SLOPE AVERAGING SHALL NOT BE ALLOWED. ALL INLET AND OUTFALL PIPES SHALL HAVE A TRASH RACK INSTALLED AND A MORTARED RIPRAP HEADWALL.
- PRIOR TO SIDEWALK CONSTRUCTION; LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY BEHIND SIDEWALK DRAINS MUST BE BUILT. PIPE SHALL BE PVC 3034, OR SDR-35. STUB-OUTS SHALL BE MARKED WITH A 2" X 4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATIONS OF THESE INSTALLATIONS SHALL BE SHOWN ON THE AS-BUILT CONSTRUCTION PLANS SUBMITTED TO THE CITY.
- STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO:
 - A. CITY OF MUKILTEO FINAL ACCEPTANCE OF THE PROJECT AND;
 - B. UPON COMMENCEMENT AND COMPLETION OF THE 2 YEAR WARRANTY PERIOD FOR THE STORM DRAINAGE SYSTEM. AN INVOICE DETAILING THE FLUSHING AND CLEANING SHALL BE PROVIDED TO THE CITY.
- ALL PIPES SHALL BE INSTALLED WITH RUBBER GASKETS AS PER MANUFACTURER'S RECOMMENDATIONS.
- CORRUGATED POLYETHYLENE PIPE (CPP):
 - A. ALL PIPE SHALL BE SMOOTH INTERIOR. CPP SHALL BE DOUBLE-WALLED. ALL PIPE SHALL MEET AASTHO AND ASTM SPECIFICATIONS.
 - B. UPON REQUEST BY THE CITY INSPECTOR, ALL PIPE RUNS SHALL PASS THE LOW PRESSURE AIR TEST REQUIREMENTS OF SECTION 7-04.3(1) E & F OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. PIPE RUNS SHALL BE TESTED WITH PIPE LOADED AND COMPACTED TO FINISH GRADE.
 - C. UPON REQUEST BY THE CITY INSPECTOR, PIPE SHALL BE SUBJECT TO MANDREL TESTING (MANDREL SIZE = 90% OF NOMINAL PIPE DIAMETER).
 - D. PIPE SHALL BE STORED ON SITE IN SHIPPING BUNKS ON A FLAT LEVEL SURFACE. THIS REQUIREMENT WILL BE STRICTLY ENFORCED; FAILURE TO COMPLY MAY RESULT IN REJECTION OF THE PIPE AND/OR FUTURE RESTRICTION ON USE OF MATERIAL.
 - E. MINIMUM DEPTH OF COVER SHALL BE 2 FEET.
 - F. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED.
 - G. BACKFILL SHALL COMPLY WITH SECTION 7-08.3(3) OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION WITH THE EXCEPTION THAT THE SECOND PARAGRAPH OF SECTION 7-08.3(3) IS DELETED AND REPLACED WITH: THE MATERIAL USED FOR BACKFILLING AROUND AND TO A POINT 1 FOOT ABOVE THE TOP OF THE PIPE SHALL BE CLEAN EARTH OR SAND, FREE FROM CLAY. ANY GRAVEL OR STONES INCLUDED IN THE BACKFILL SHALL PASS THROUGH A 1 INCH SIEVE.
- CULVERT ENDS SHALL BE BEVELED TO MATCH SIDE SLOPES. FIELD CUTTING OF CULVERT ENDS IS PERMITTED WHEN APPROVED BY THE CITY.
- ALL FIELD CUT CULVERT PIPE SHALL BE TREATED AS REQUIRED IN THE STANDARD SPECIFICATIONS OR GENERAL SPECIAL PROVISIONS.

[illegible]

DESIGN:	NAT
DRAWN:	JCF
CHECK:	JPL
JOB NO:	22332.20
DATE:	01/27/23

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

GENERAL NOTES

SHEET:

C1.2

[illegible]

SCALE: 1" = 20'


EROSION CONTROL NOTES:

20 0 10 20 40

1. BEFORE BEGINNING LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRADING, CLEARLY MARK ALL CLEARING LIMITS AND SENSITIVE AREAS AND THEIR BUFFERS.
2. ALL DISTURBED AREAS ON AND OFF-SITE SHALL BE COMPOST- AMENDED PER THE REQUIREMENTS OF BMP T5.13 IN THE STORMWATER MANUAL VOLUME V, CHAPTER 11.
3. SOILS MUST BE STABILIZED AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST.
4. CONCRETE TRUCKS MUST NOT BE WASHED OUT ONTO THE GROUND, OR INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS. EXCESS CONCRETE MUST NOT BE DUMPED ON-SITE.
5. INSTALL CATCH BASIN INLET PROTECTION PER DETAIL 2 FOR ALL EXISTING INLETS ON-SITE AND WITHIN 500' OF CONSTRUCTION SITE IN ROW AND AS PROPOSED DRAINAGE STRUCTURES ARE INSTALLED.
6. ADDITIONAL BMPs MAY BE REQUIRED DURING CONSTRUCTION.
7. CESCL SHALL UPDATE TESC MEASURES AS REQUIRED THROUGHOUT CONSTRUCTION.



C2.1



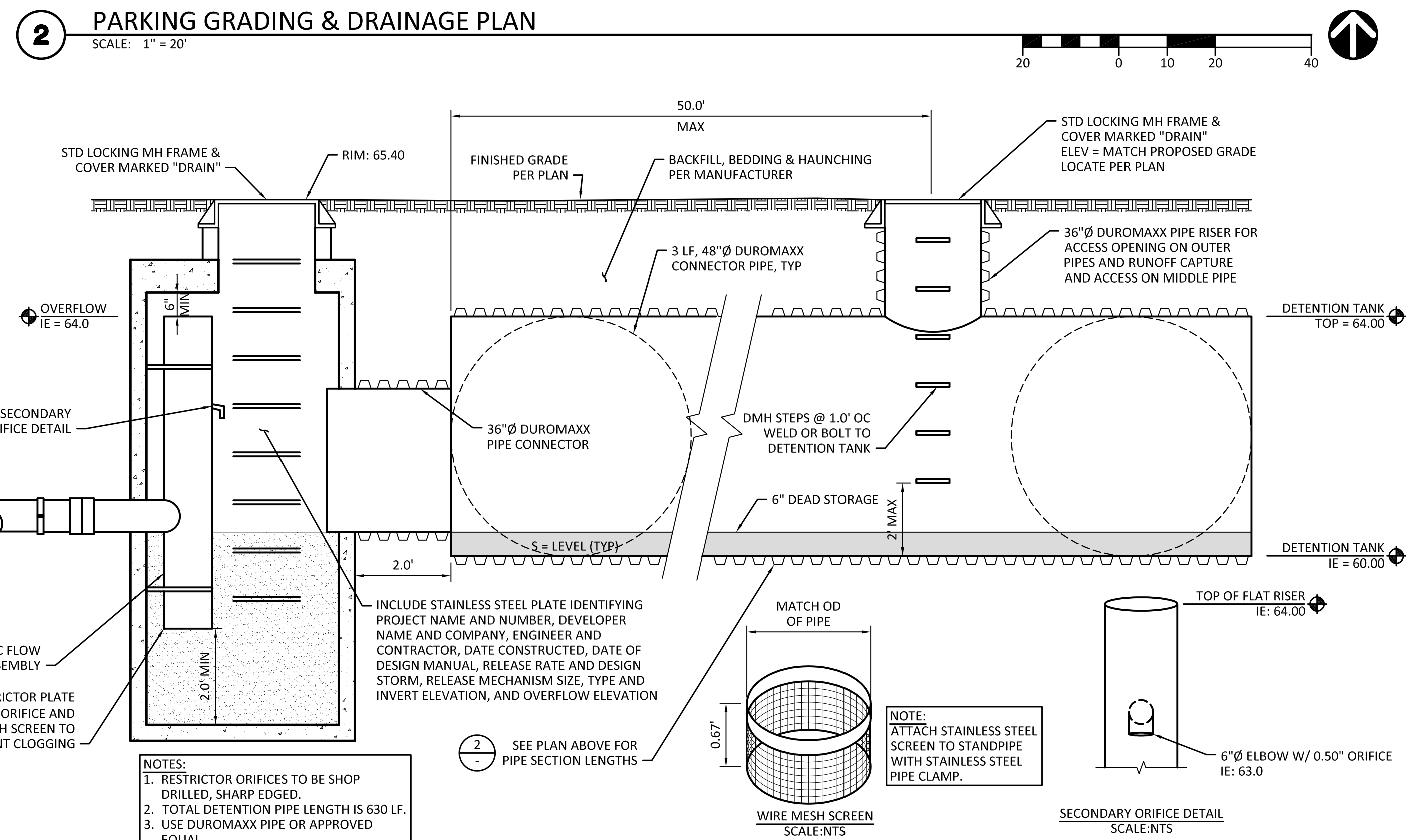
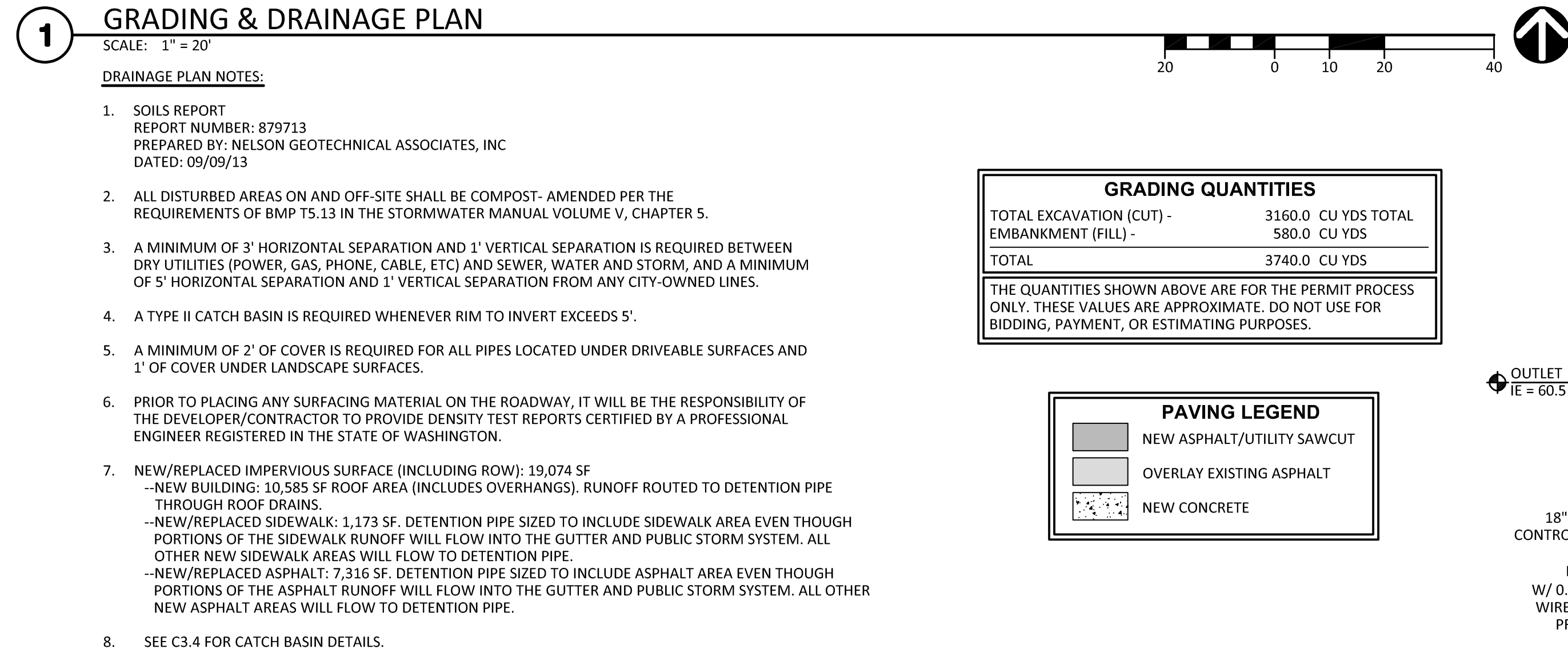
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ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

SHEET: _____

C3.1





E.G.
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[illegible]

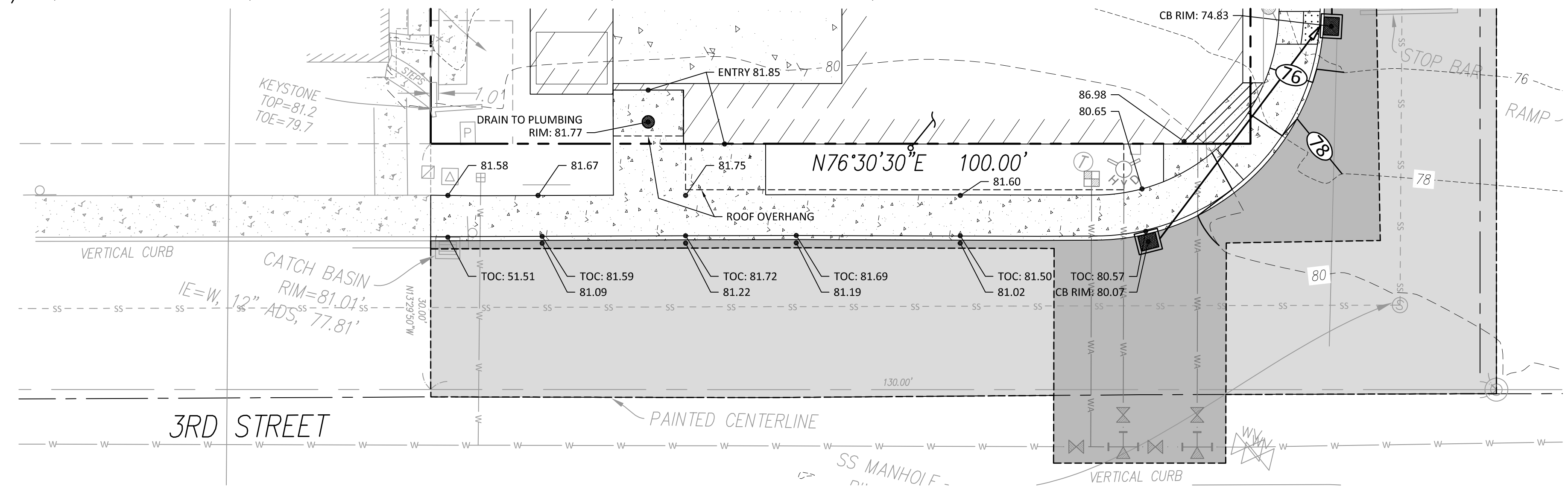
DESIGN:	NAT
DRAWN:	JCP
CHECK:	JPU
JOB NO:	22332.20
DATE:	01/27/23

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

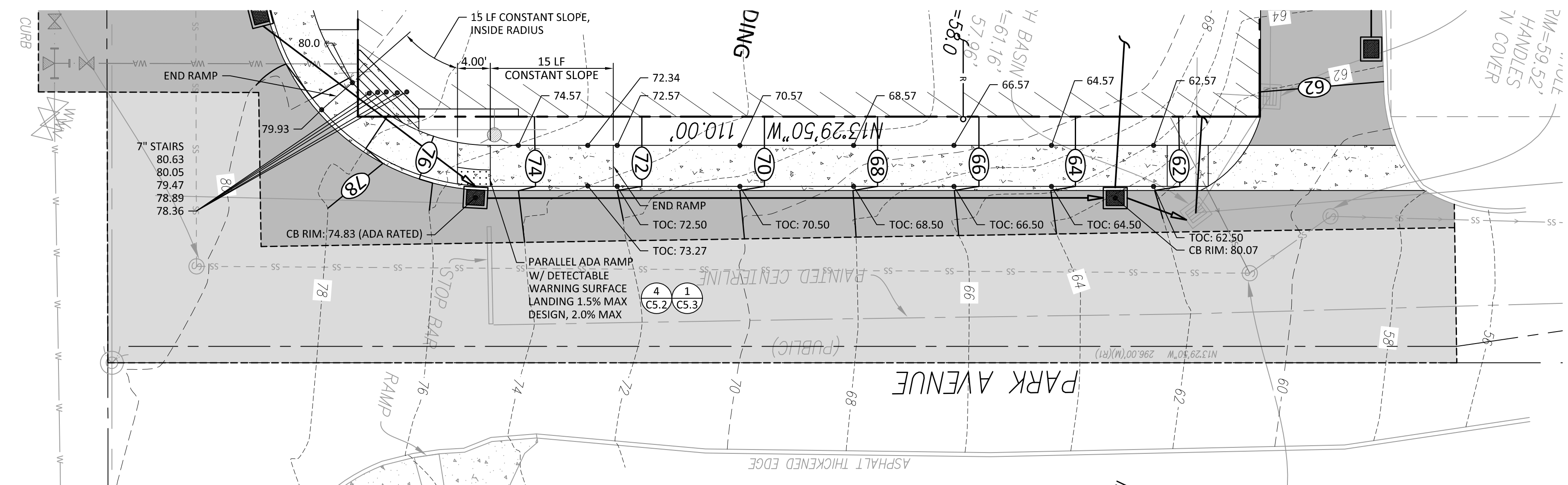
GRADING PLANS

SHEET:

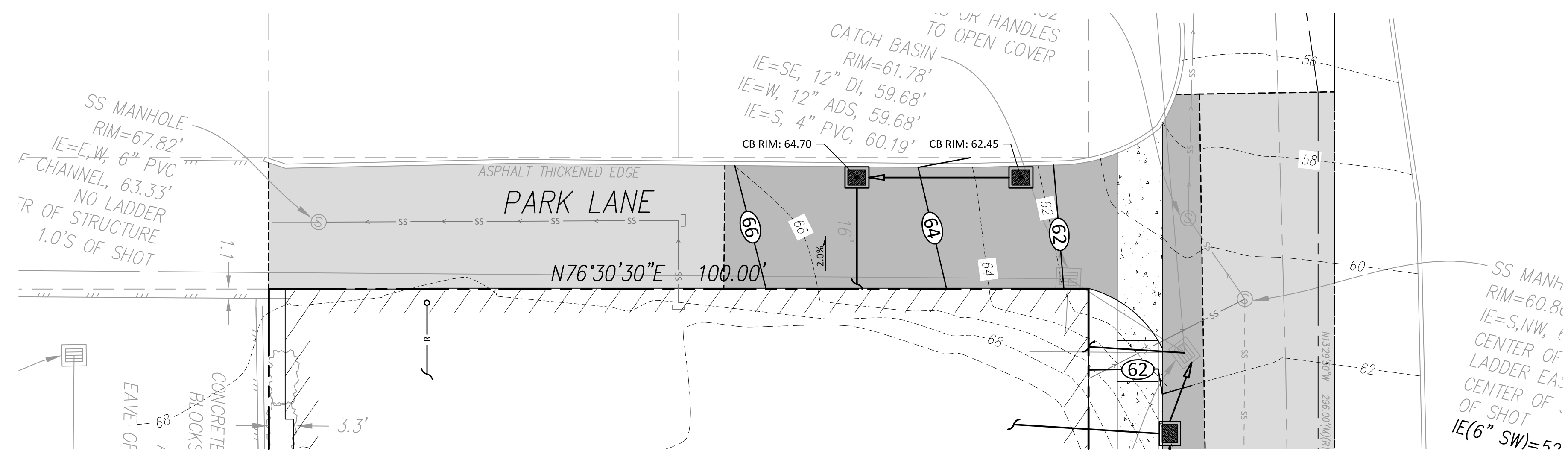
C3.2



1 GRADING PLAN (3RD STREET)



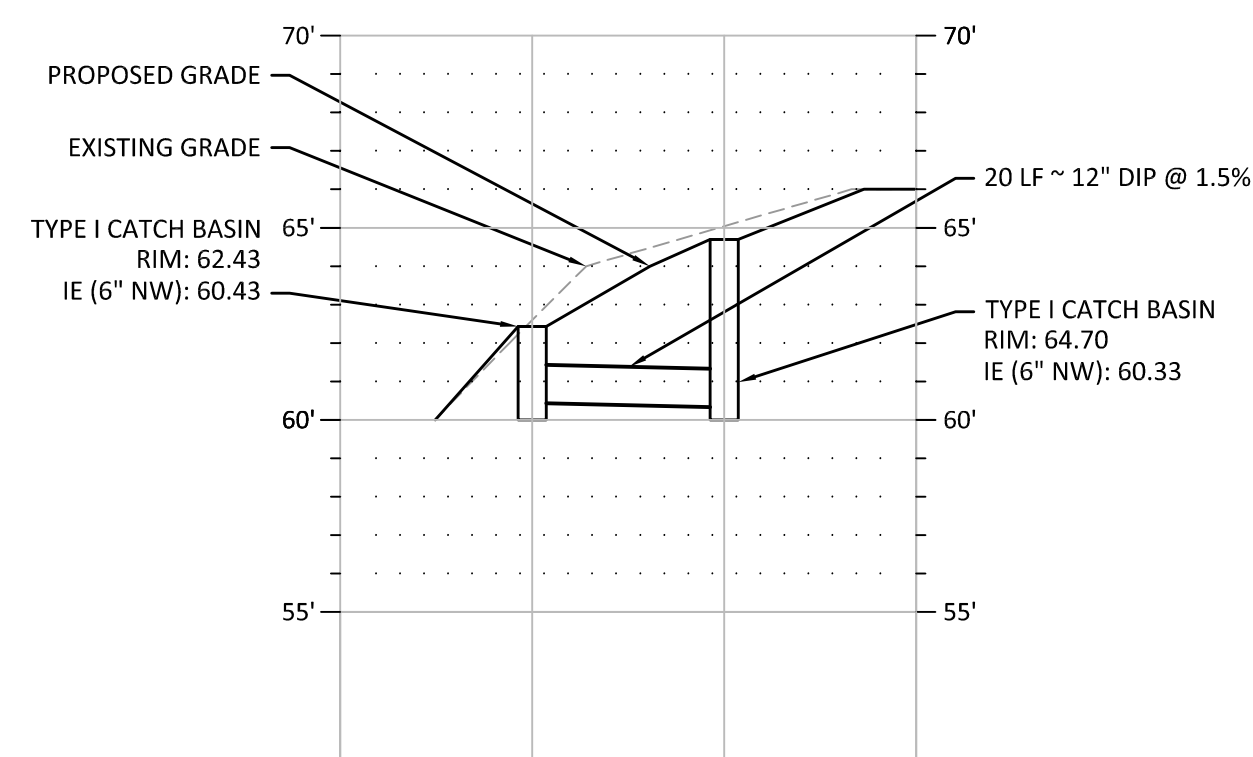
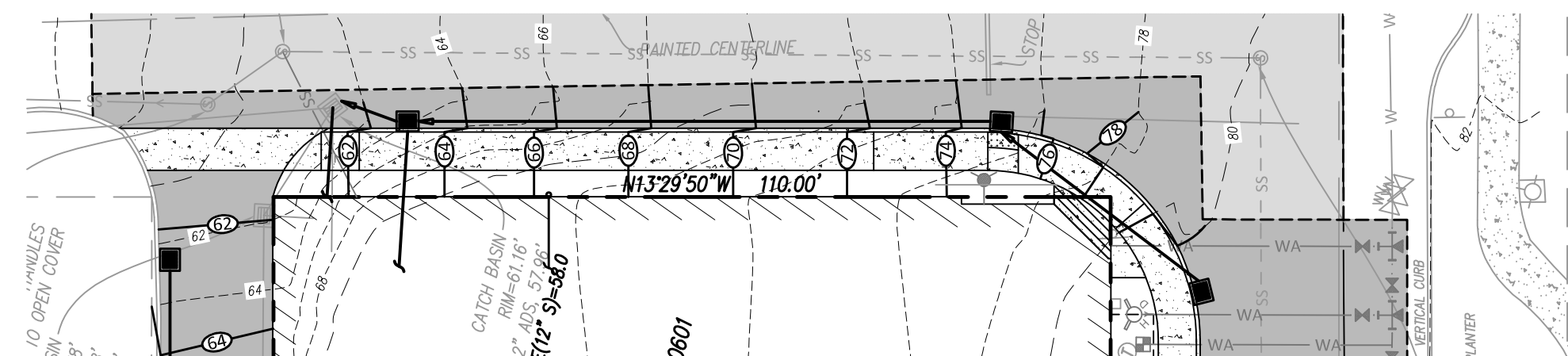
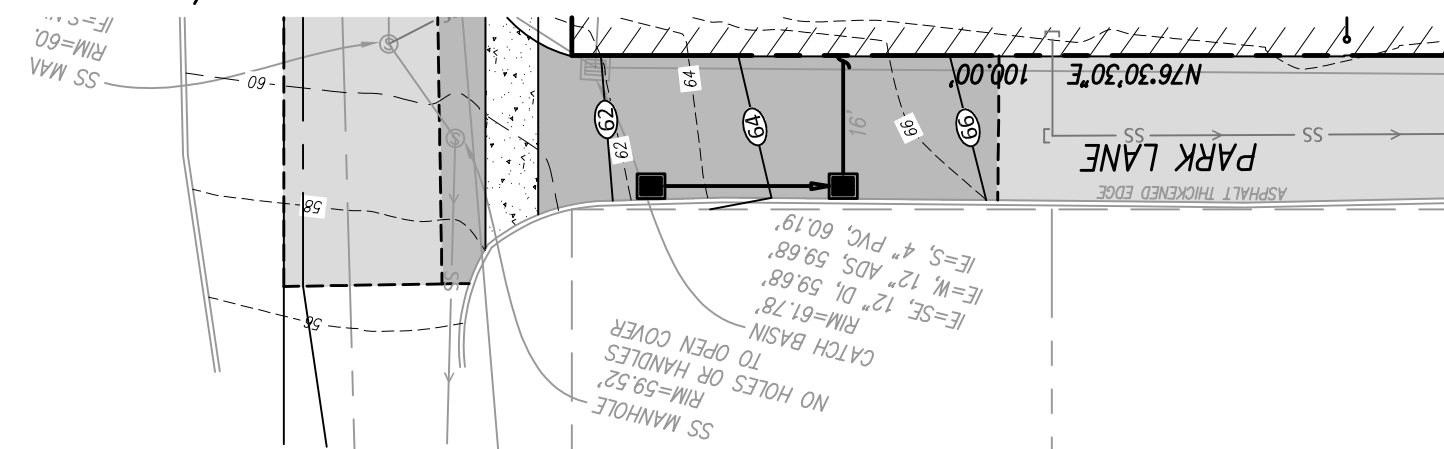
2 GRADING PLAN (PARK AVENUE)



3 GRADING PLAN (PARK LANE)

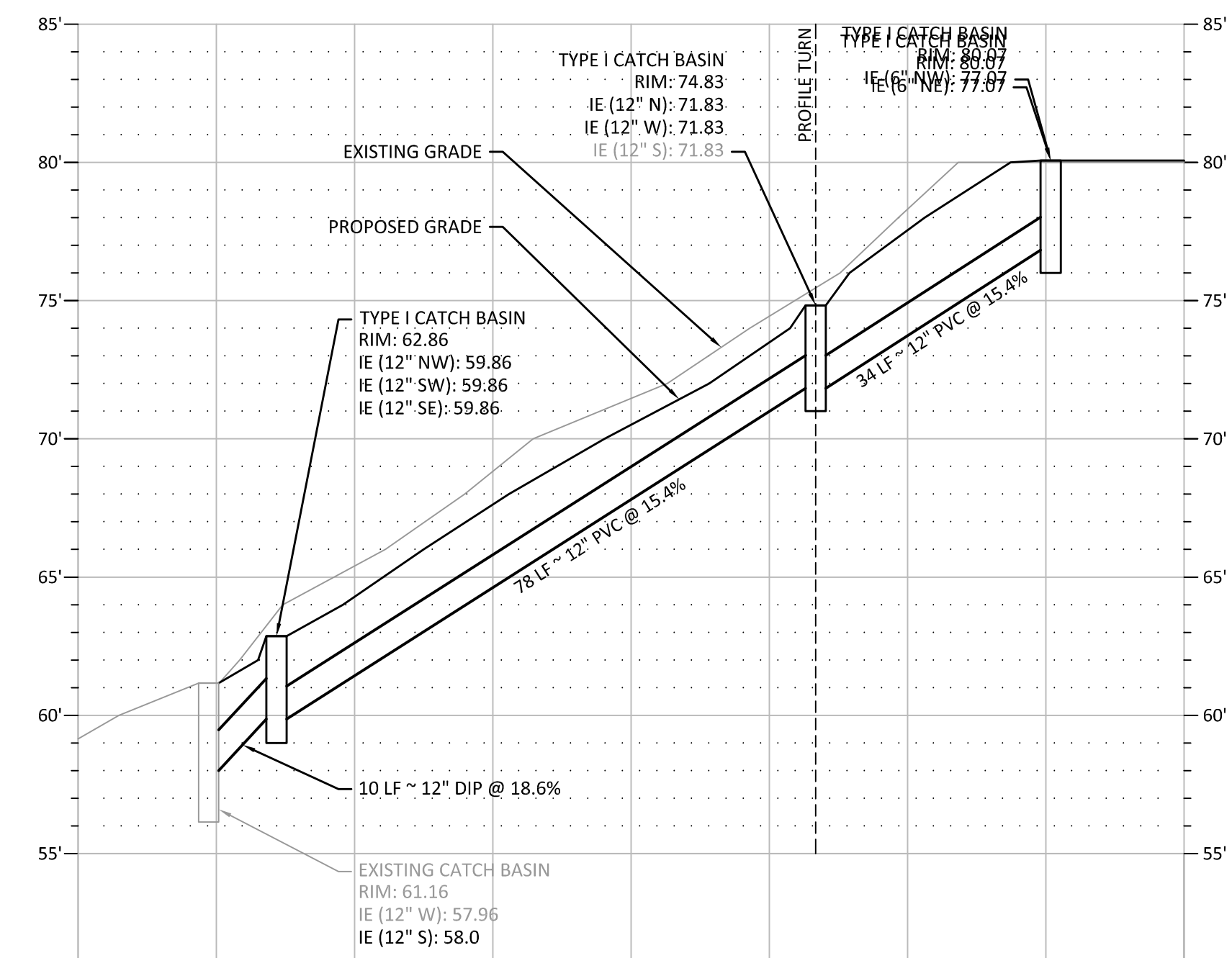
SCALE: 1" = 10'

SW 1/4, NE 1/4, SECTION 4, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.



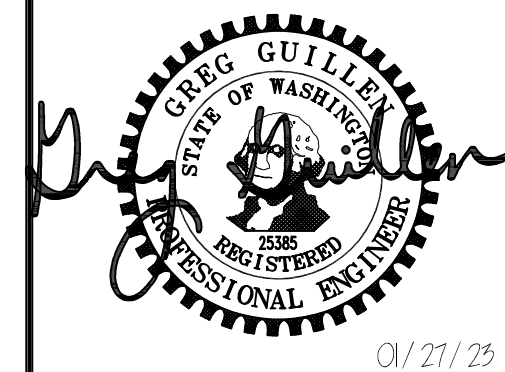
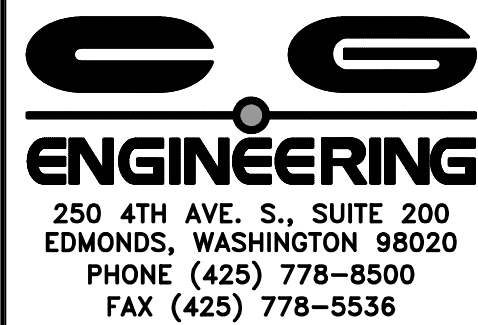
1 PARK LANE PROFILE

SCALE: HORIZ: 1" = 20', VERT: 1" = 5'



2 PARK AVENUE PROFILE

SCALE: HORIZ: 1" = 20', VERT: 1" = 5'


[illegible]

ROSE HILL APARTMENTS
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GRADING & DRAINAGE PROFILES

SHEET:

C3.3



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FRAME AND GRATE
SEE SEC. 6 - RISE AND
APPLICABLE SPEC.

8" RISER SECTION

12" RISER SECTION

PREFAB BASE SECTION
(UNREINFORCED AT THE TOP
OF THE BASIN)

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTI CATS (ASTM M 199) & CSO6 UNLESS OTHERWISE SHOWN ON A FLANGE OR NOTED IN THE MISSOURI/AWA STANDARD SPECIFICATIONS.

2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC PROVIDING A MIN. AREA OF 0.22 SQ. INCH PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COME TO AT LEAST 4" ABOVE THE FINISHED GRADE. 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 FASTENERS PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUVED IF WALL IS LEFT INTACT.

5. KNOCKOUT OR CLUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIA. PLUS CATCH BASIN WALL THICKNESS.

6. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX. DIA. OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".

7. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1:2 V/T.

8. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION INF-420. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-SUCKING FIT WITH ANY COVER POSITION.

9. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.

12. EDGE OF RISER OR BROCK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.

13. MINIMUM 4" ADJUSTMENT SECTION BETWEEN BOTTOM OF GRATE AND TOP OF BASE SECTION.

CITY OF MILKULEO

JUL 19 2009

MILKULEO CITY ENGINEER

CATCH BASIN TYPE 1 (18" MAX. DIA.)

CITY OF MILKULEO STANDARD PLAN 4-000-00

[illegible]

CONCRETE CURB

GUTTER LINE

CONCRETE GUTTER

BASE MATERIAL

NON-SHRINK GROUT (TYP)

UNDISTURBED SOIL

COMPACTED FOUNDATION GRAVEL (SELECT NATIVE OR 1 1/4" MINUS) 8" MINIMUM DEPTH

f 1"

2" MAX. OFFSET

10" MIN

FRAME AND GRATE (SEE STANDARD DETAILS)

NON-SHRINK GROUT 1/4" MINIMUM THICKNESS

6" RISER SECTION

12" RISER SECTION

PRECAST BASE SECTION

FLOW

APPROVED BY *Lawrence Waters* JUL 2009

DA CATCH BASIN

MUKILTEO CITY ENGINEER

CATCH BASIN INSTALLATION TYPE 1 & 2

DETAIL 1L

CITY OF MUKILTEO STANDARD PLAN 4

LAST REVISED 11/04/08

080-010

CATCH BASIN MANHOLE DETAILS

- Plan View: Circular catch basin with central manhole opening. Dimensions include 36", 48", 60" for basin diameter and 24" x 20" or 24" diam for manhole opening.
- Note: BASIN SHALL BE CONSTRUCTED OF CONCRETE OR EQUIVALENT MATERIAL.
- Cross-Section 1: Shows 12" O.C. grid pattern with 1" min. cover.
- Cross-Section 2: Shows 12" top slab with 1" min. cover.

CATCH BASIN MANHOLE DETAILS

- Plan View: Circular catch basin with central manhole opening. Dimensions include 36", 48", 60" for basin diameter and 24" x 20" or 24" diam for manhole opening.
- Note: BASIN SHALL BE CONSTRUCTED OF CONCRETE OR EQUIVALENT MATERIAL.
- Cross-Section 1: Shows 12" O.C. grid pattern with 1" min. cover.
- Cross-Section 2: Shows 12" top slab with 1" min. cover.

CATCH BASIN MANHOLE DETAILS

- Plan View: Circular catch basin with central manhole opening. Dimensions include 36", 48", 60" for basin diameter and 24" x 20" or 24" diam for manhole opening.
- Note: BASIN SHALL BE CONSTRUCTED OF CONCRETE OR EQUIVALENT MATERIAL.
- Cross-Section 1: Shows 12" O.C. grid pattern with 1" min. cover.
- Cross-Section 2: Shows 12" top slab with 1" min. cover.

23 3/4"

17 5/8"

2 3/4"

1/8"

3 5/8"

2 3/8"

5/8"

1"

5/16"

1/2"

2 1/2"

8=3/4" SEE NOTE 1

3/4" THK

LEVELING PAD
8 - 1/8" x 3/4" x 1 3/4"

PLAN COVER

SECTION A-A

3/4"

1/4"

1/2"

1/4"

1/2"

FINISH DIM. ON
LEVELING PAD

NOTES:

1. USE WITH FRAME (DWG. NO. 4-080-025) DRILLED AND TAPED FOR LOCKING BOLTS.
2. USE WITH TWO LOCKING BOLTS 5/8"-11 NC STAINLESS STEEL TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS, 2" LONG.
3. MATERIAL IS CAST IRON PER ASTA A48 CLASS 30.
4. RASSED WORKING "DRAIN" OR "STORM" ON ALL COVERS.

APPROVED BY
Lawrence Waters JUL
MUKILTEO CITY ENGINEER

SOLID CC
OVER

CITY OF MUKILTEO STANDARD PLAN 4-080-025

LAST REVISED 11/07/08


ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

GRADING AND DRAINAGE DETAILS

THE

SHEET:

C3.4



E G

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DESIGN:	NAT
DRAWN:	JCP
CHECK:	JPU
JOB NO:	22332.20
DATE:	01/27/23

FILE NAME:

C4.1



SCALE: 1" = 20'

1. FIRE LINE SIZE TO BE CONFIRMED BY FIRE SPRINKLER DESIGNER.
2. PLUMBING CONSULTANT TO VERIFY METER & SERVICE SIZE. SIZING TO BE CONFIRMED ONCE PLUMBING PERMIT IS ISSUED AND REVIEWED.
3. PLUMBING CONSULTANT TO VERIFY SIZE OF EXISTING SEWER STUB IS ADEQUATE FOR PROPOSED BLDG.
4. ALL THRUST BLOCKING PER 5/C4.1.
5. PIPE BEDDING AND WATER TRENCHING PER 3/C4.2.
6. EXISTING LATERAL SHALL BE INSPECTED BY THE CITY SEWER DIVISION TO DETERMINE IF IT IS IN ACCEPTABLE CONDITION FOR REUSE. IF NOT, A NEW 6" LATERAL FROM THE MAIN TO THE PROPERTY LINE WILL BE REQUIRED.
7. CITY WILL TV SEWER MAIN PRIOR TO FINAL ACCEPTANCE.
8. A MINIMUM OF 3' SEPARATION IS REQUIRED BETWEEN THE DRY UTILITIES (POWER, GAS, PHONE, CABLE, ETC) AND SEWER, WATER AND STORM.
9. A MINIMUM OF 5' OF HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATER AND STORM LINES.



SCALE: NTS



SCALE: NTS

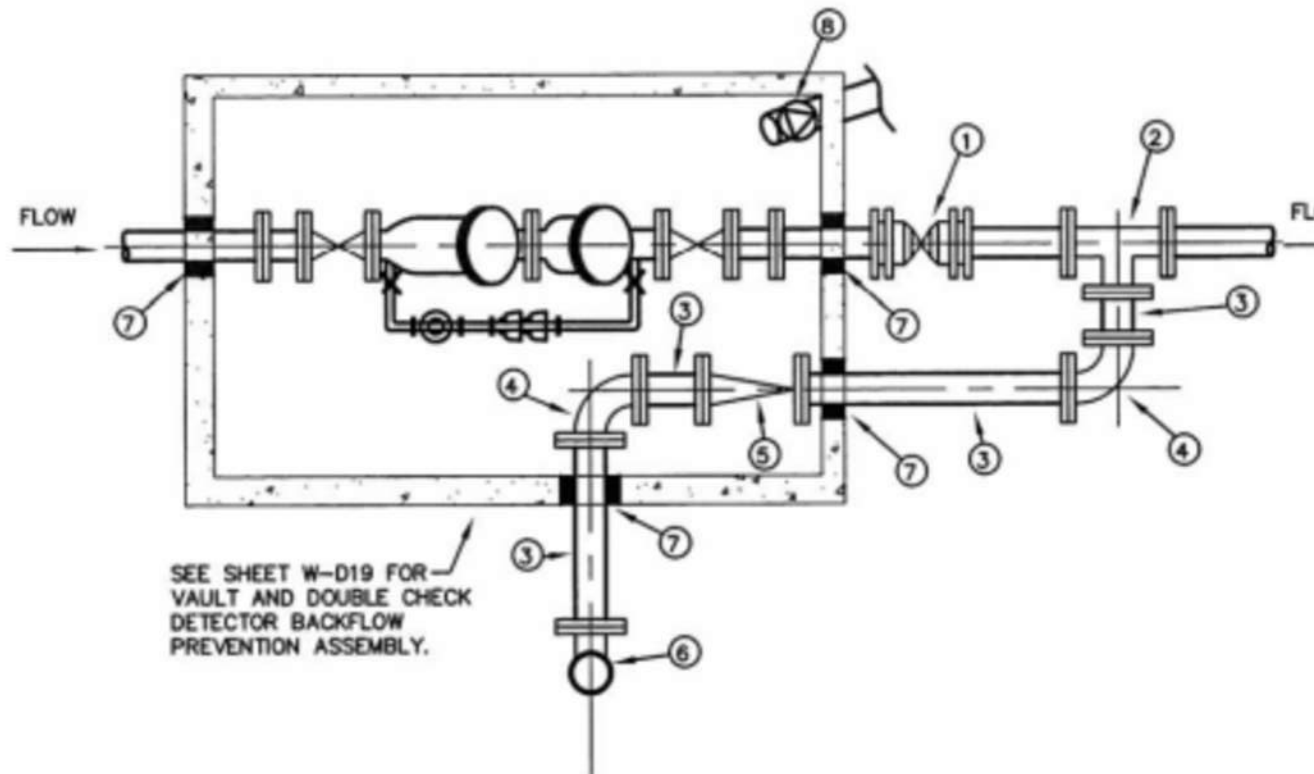
Approved by: _____
Mukilteo Water and Wastewater District _____
Date _____

Mukilteo Water and Wastewater District Extension No.

Gray & Osborne No. _____

Project must be completed and ownership transferred to the Mukilteo Water and Wastewater District within 1 year from the date of approval. In the event that the project developer fails to do so, the project will be subject to reapplication, additional plan review and revision, due to any changes in District standards or requirements occurring prior to completion and transfer of ownership. Water/sewer service is available only after payment of all current fees, recording of easements and transfer of ownership to the District.

SW 1/4, NE 1/4, SECTION 4, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.



NO.	DESCRIPTION
1	POST INDICATOR VALVE, MJ WITH MEGALUGS
2	MAIN LINE SIZE X 4" TEE, MJ WITH MEGALUGS
3	4" DUCTILE IRON PIPE, CLASS 52*
4	4" x 90° BENDS, MJ WITH MEGALUGS
5	4" FLAPPER CHECK VALVE WITH BALL CHECK DRAIN VALVE. (IF ALTERNATE LOCATION IS REQUIRED, THE LOCATION WILL BE DETERMINED BY THE DISTRICT). MJ WITH MEGALUGS
6	FIRE DEPARTMENT CONNECTION, STORZ ADAPTER. CONNECTION TO COMPLY WITH FIRE DEPARTMENT REQUIREMENTS. 4" MUKILTEO & DIST. #1, 5" ELSEWHERE. ALL ABOVE GROUND PIPING TO BE PAINTED SAME COLOR RED AS P.I.V.
7	WATER TIGHT GROUT
8	6" PVC DRAIN TO DAYLIGHT OR OB, MINIMUM SLOPE 1% SCREEN AT BOTH ENDS W/BACKWATER VALVE IN VAULT

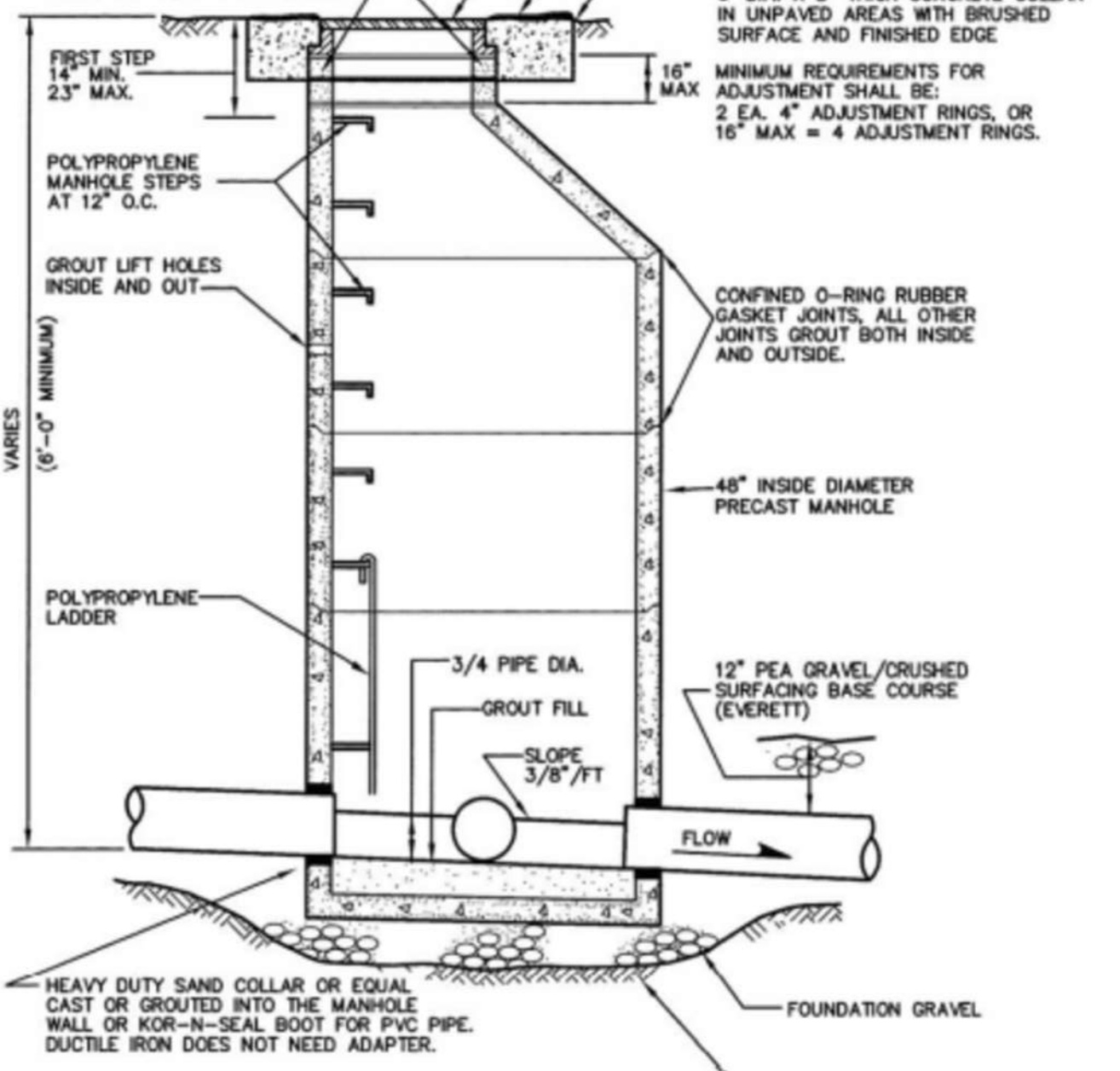
* 4" DIAMETER AND SMALLER DUCTILE IRON PIPE SHALL BE CLASS 53 IF USED IN A THREADED APPLICATION.

FIRE LINE CONNECTION

Mukilteo Water and Wastewater
District
STANDARD DETAILS

1

SCALE: NTS



NOTES

DROP OF GRADE THRU 48" MANHOLE SHALL BE 0.10', UNLESS OTHERWISE NOTED.


Diagram illustrating a cross-section of a concrete slab with a vertical reinforcement bar. The slab thickness is labeled as 6" MIN. The reinforcement bar is shown extending through the slab, with a hook at the top and a bend at the bottom. The label "PLACE" is above the bar, indicating the placement of the reinforcement.

**SANITARY SEWER MANHOLE
SECTION**

Mukilteo Water and Wastewater
District
STANDARD DETAILS

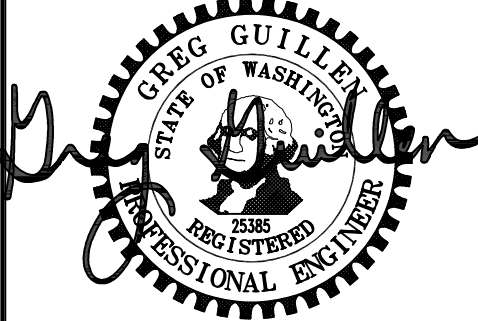
(2)

SCALE: NTS



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[illegible]

DESIGN:	NAT
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DATE:	01/27/23

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

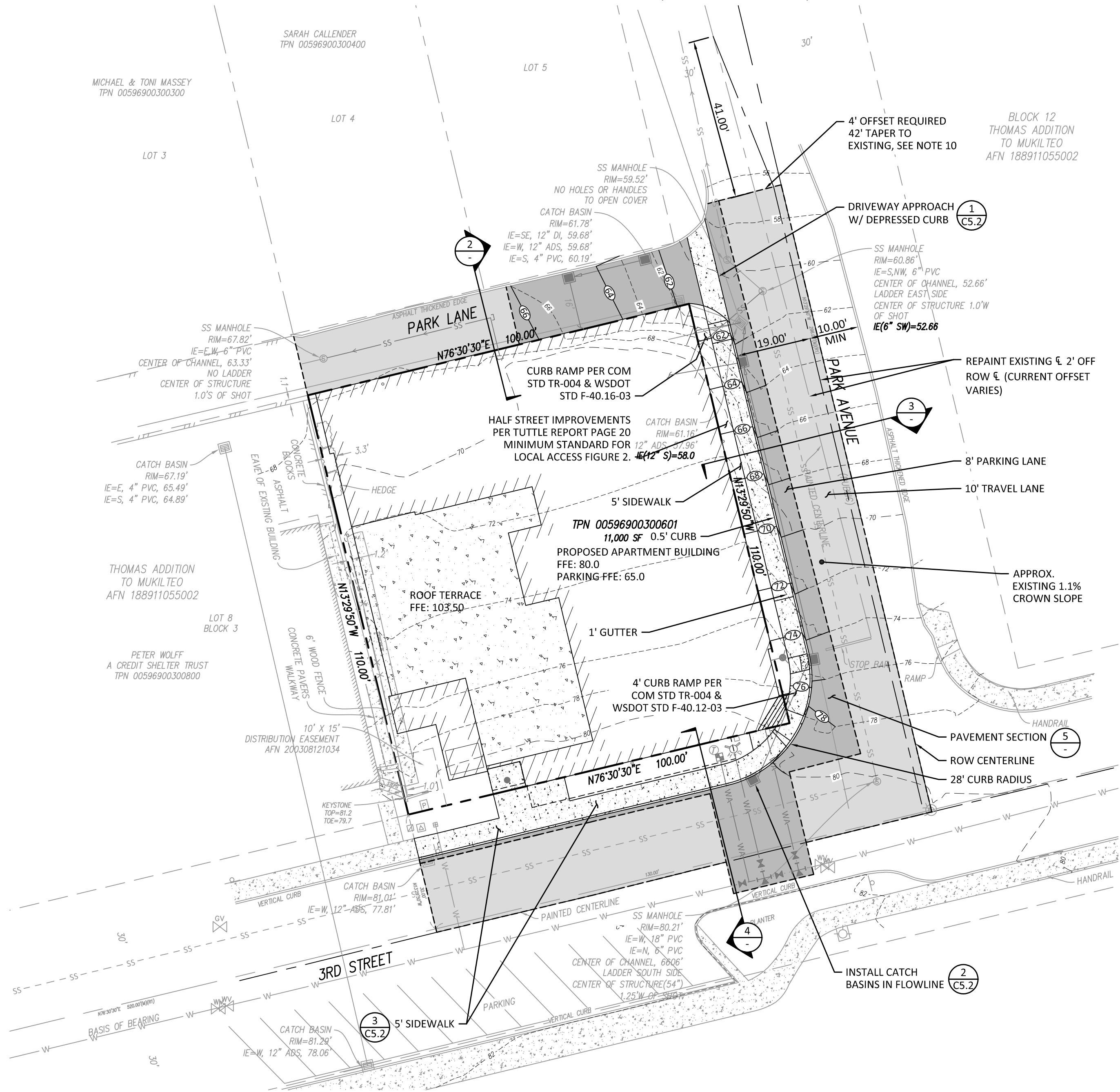
WATER & SEWER DETAILS

TABLE 1

SHEET:

C4.2

SW 1/4, NE 1/4, SECTION 4, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.



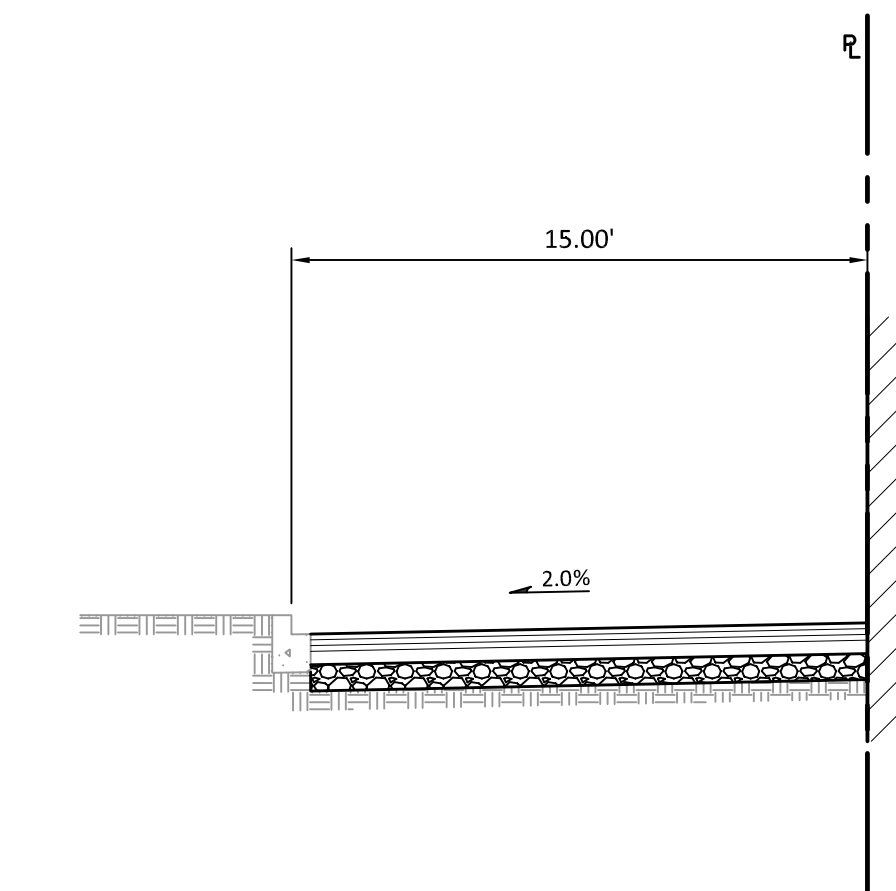
1 STREET IMPROVEMENT PLAN

SCALE: 1" = 20'

SITE AND STREET IMPROVEMENT PLAN NOTES:

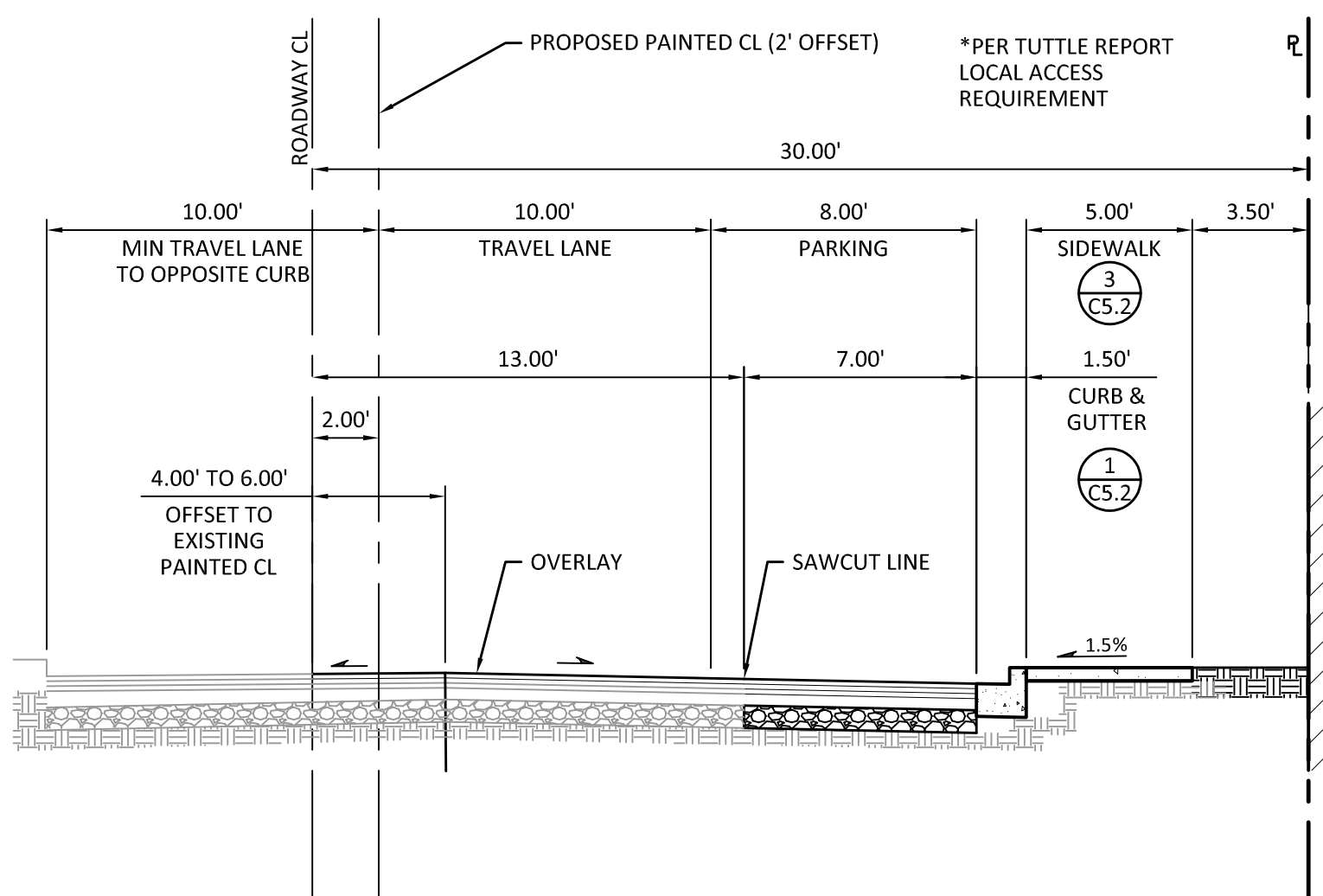
- SUBGRADE MUST BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY FOR ALL STREET IMPROVEMENTS.
- A RIGHT-OF-WAY (ROW) PERMIT IS REQUIRED PRIOR TO ANY USE OF AND/OR WORK IN THE PUBLIC ROW OR REAL PROPERTY OWNED BY THE CITY.
- ALL TRAFFIC CONTROL DEVICES, SIGNING, STRIPING AND OTHER PAVEMENT DELINEATION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- WHEN TRENCHING THROUGH EXISTING PAVEMENT, THE OPEN CUT SHALL BE A NEAT LINE MADE BY SAW CUTTING A CONTINUOUS LINE. SAW CUTTING WILL BE REQUIRED UNLESS THE CUT IS MADE PRIOR TO RECONSTRUCTION OR AN OVERLAY.
- TEMPORARY PAVEMENT PATCH SHALL BE ACCOMPLISHED BY USING COLD MIX (MC 250), ATB OR STEEL PLATES.
- WHERE TRENCH EXCAVATION EQUALS OR EXCEEDS A DEPTH OF FOUR FEET, THE DEVELOPER/CONTRACTOR SHALL PROVIDE, CONSTRUCT, MAINTAIN, AND REMOVE, AS REQUIRED, SAFETY SYSTEMS THAT MEET THE REQUIREMENTS OF THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT, RCW 49.17, INCLUDING WAC 296-155. THE TRENCH SAFETY SYSTEMS SHALL BE DESIGNED BY A QUALIFIED PERSON, AND MEET ACCEPTED ENGINEERING REQUIREMENTS (SEE WAC 296-155-660).
- THE DEVELOPER/CONTRACTOR SHALL FURNISH, INSTALL, AND OPERATE ALL NECESSARY EQUIPMENT TO KEEP EXCAVATIONS ABOVE THE FOUNDATION LEVEL FREE FROM WATER DURING CONSTRUCTION, AND SHALL DEWATER AND DISPOSE OF THE WATER SO AS NOT TO CAUSE INJURY TO PUBLIC OR PRIVATE PROPERTY OR NUISANCE TO THE PUBLIC. SUFFICIENT PUMPING EQUIPMENT IN GOOD WORKING CONDITION SHALL BE AVAILABLE AT ALL TIMES FOR ALL EMERGENCIES, INCLUDING POWER OUTAGE, AND SHALL HAVE AVAILABLE AT ALL TIMES COMPETENT WORKMEN FOR THE OPERATION OF THE PUMPING EQUIPMENT.
- COMPACTION TESTS SHALL BE PERFORMED TO ENSURE ADEQUATE COMPACTION ON ALL LIFTS. ALL COMPACTION TESTS SHALL BE CONDUCTED BY A LICENSED TESTING LABORATORY AT THE EXPENSE OF THE DEVELOPER/CONTRACTOR. SEE SECTION 3-9.4 OF THESE SPECIFICATIONS.
- WATER SETTING OF BACKFILL IN TRENCHES IS NOT PERMITTED.
- $L = \frac{WS^2}{60}$ WHERE L IS TAPER LENGTH, S IS SPEED IN MPH, & W IS OFFSET WIDTH.
 $\frac{(4)(25)^2}{60} = 42$ LF TAPER

PAVING LEGEND	
	NEW ASPHALT/UTILITY SAWCUT
	OVERLAY EXISTING ASPHALT
	NEW CONCRETE



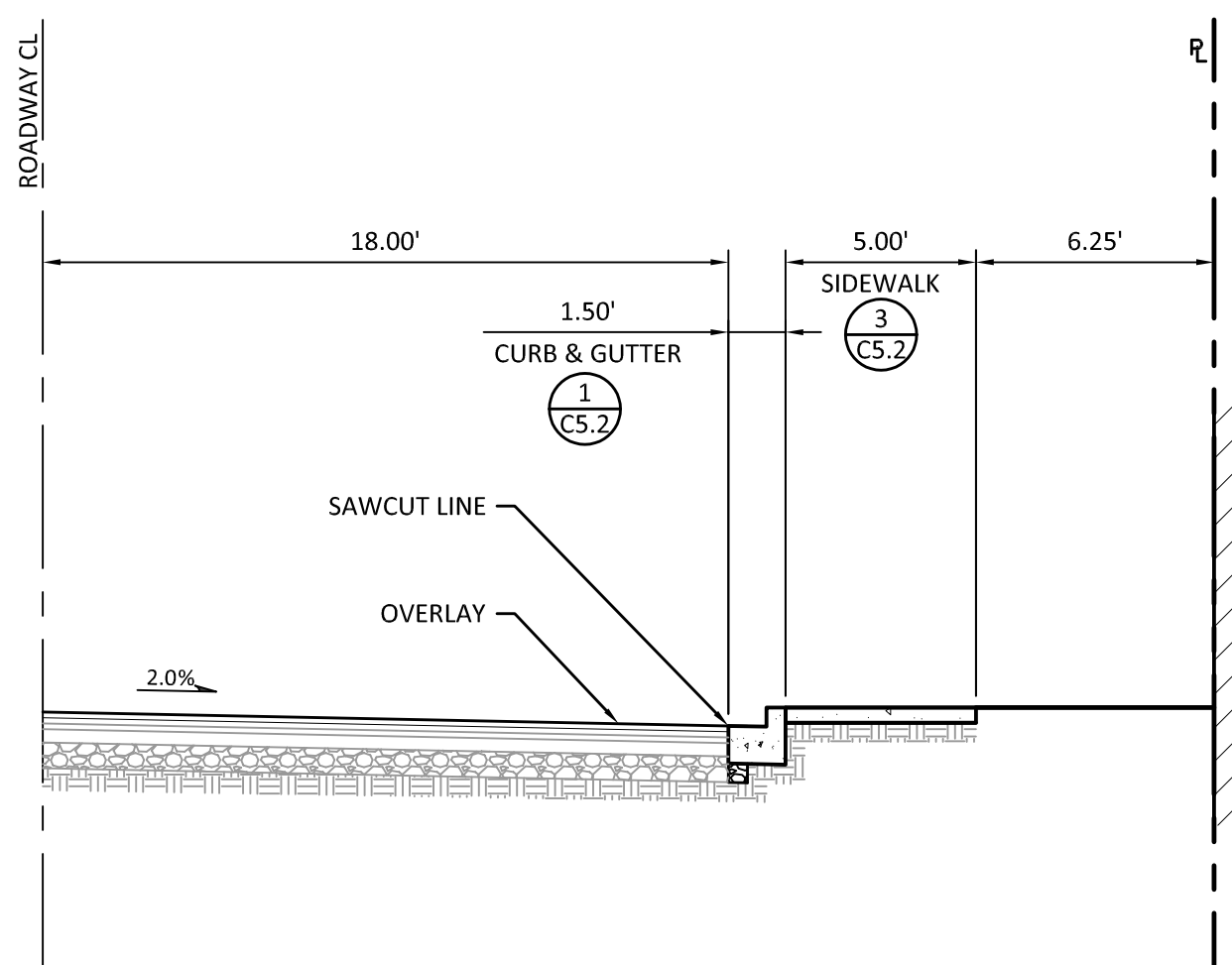
2 STREET IMPROVEMENT SECTION (PARK LANE ALLEY)

SCALE: 1" = 5'



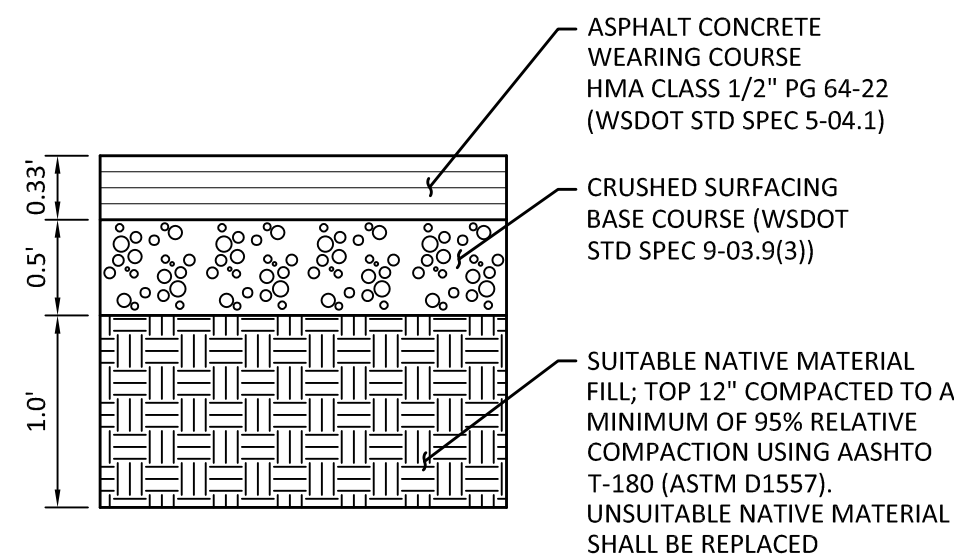
3 STREET IMPROVEMENT SECTION (PARK AVE)

SCALE: 1" = 5'



4 STREET IMPROVEMENT SECTION (3RD STREET)

SCALE: 1" = 5'



5 TYPICAL PAVEMENT SECTION

SCALE: 1" = 1'-0"

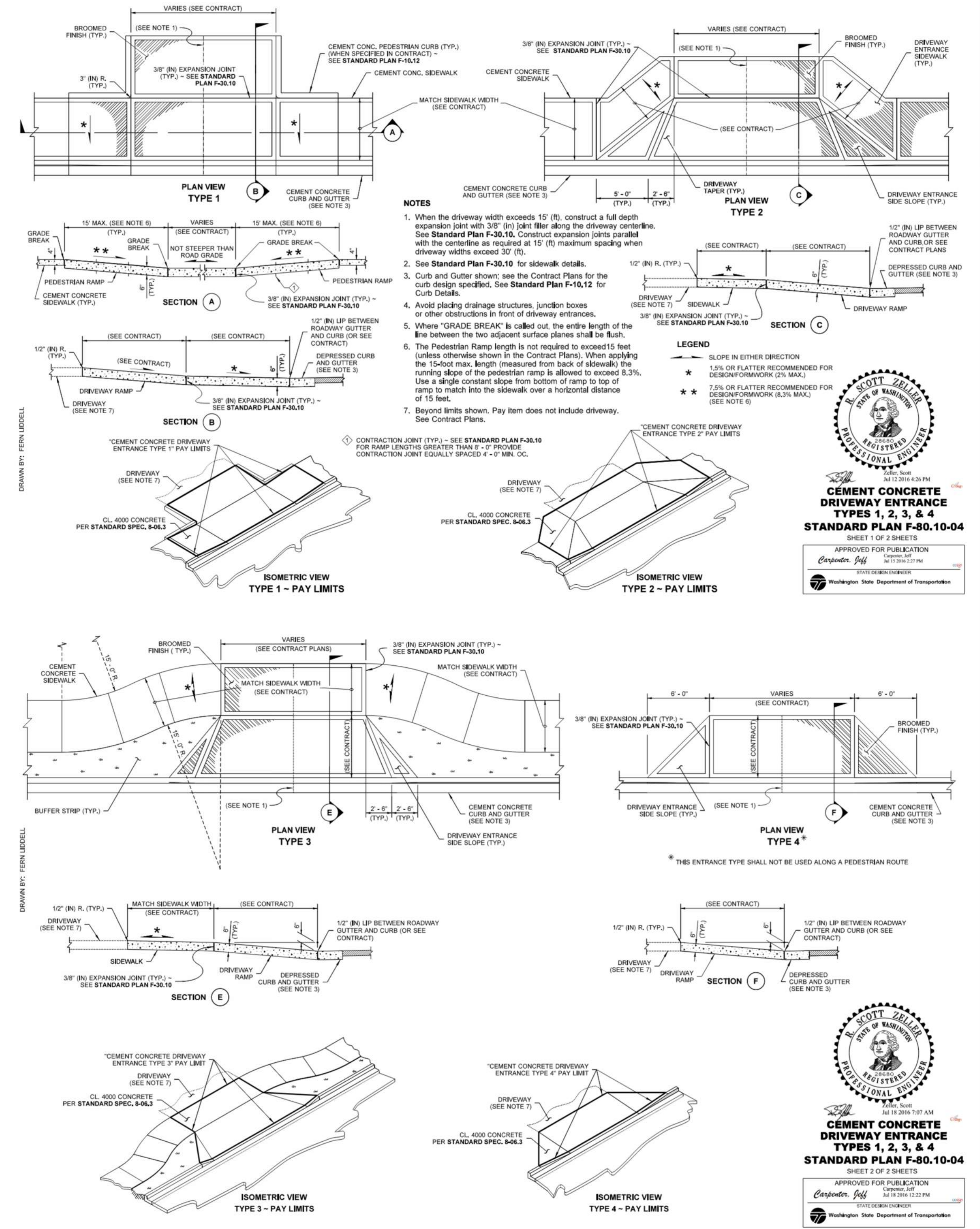
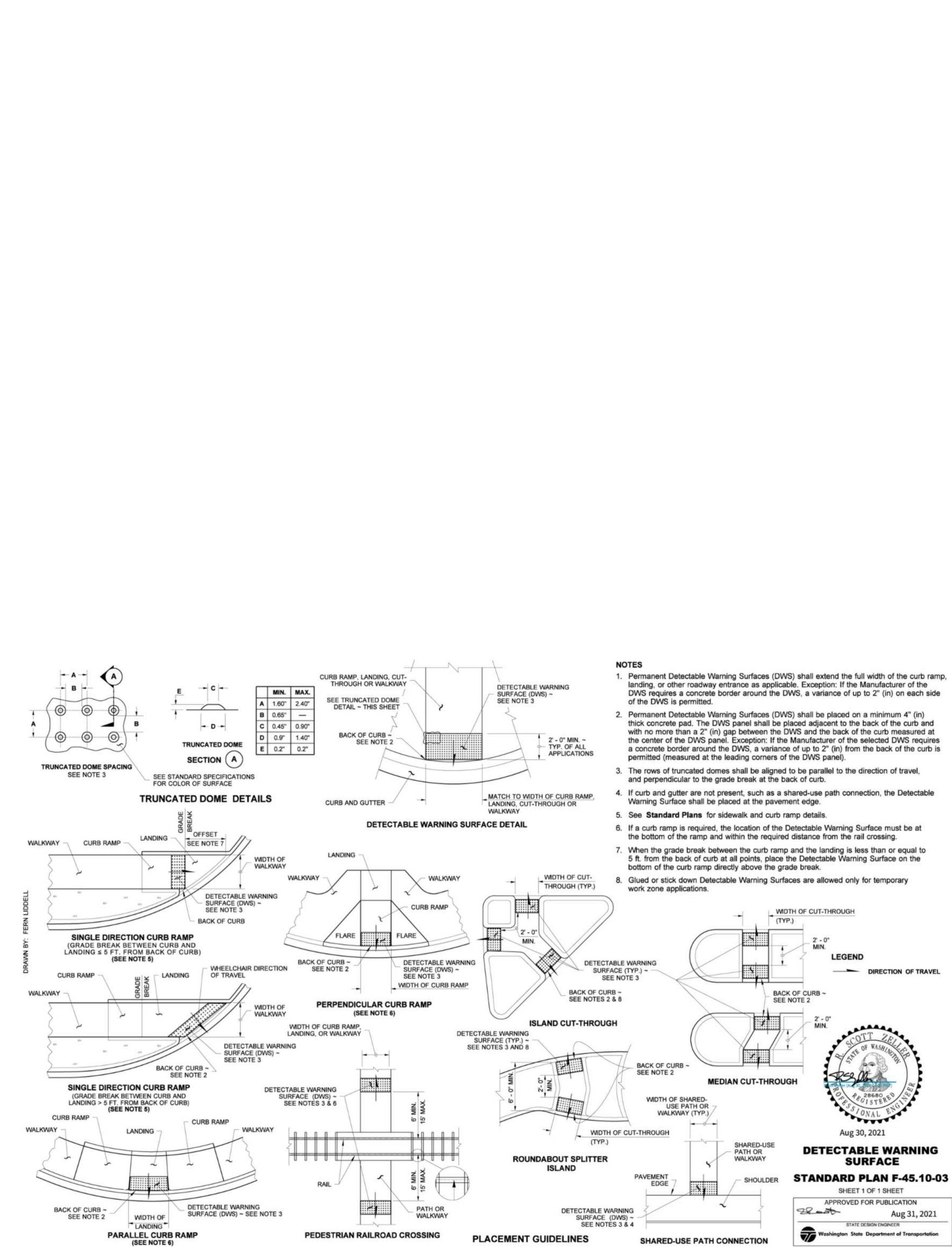
DESCRIPTION	DATE	MARK
PERMIT SUBMITTAL	01/27/23	
DESIGN:	NAT	
DRAWN:	JCP	
CHECK:	JPU	
JOB NO:	22332.20	
DATE:	01/27/23	

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

STREET IMPROVEMENT PLAN

SHEET:

C5.1



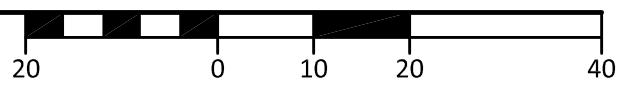
DESCRIPTION	PERMIT SUBMITTAL
DATE	01/27/23
MARK	
DESIGN:	NAT
DRAWN:	JCP
CHECK:	JPU
JOB NO:	22332.20
DATE:	01/27/23

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

STREET IMPROVEMENT DETAILS

FILE NAME

TO MURKITEU
AFN 188911055002



①

SCALE: 1" = 20'

TRAFFIC CONTROL PLAN NOTES:

- WORK ZONE 1: CONSTRUCTION IN NORTH/WEST BOUND LANE OF 3RD FOR UTILITY TRENCHING AND PAVEMENT RESTORATION WORK. TRAFFIC CONTROL SIMILAR TO MUTCD "LANE CLOSURE ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES". CLOSE LANE AS DEPICTED IN THE DETAIL (DETAIL 2/C6.2).
- WORK ZONE 2: CONSTRUCTION IN WEST/SOUTH BOUND LANE OF PARK FOR UTILITY TRENCHING AND PAVEMENT RESTORATION WORK. TRAFFIC CONTROL SIMILAR TO MUTCD "LANE CLOSURE ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES". CLOSE LANE AS DEPICTED IN THE DETAIL (DETAIL 2/C6.2).
- WORK ZONE 3: WORK ON INTERSECTION CORNER PER TRAFFIC PER DETAIL 4/C6.2
- WORK ZONE 4: CONSTRUCTION IN SOUTH/EAST BOUND LANE OF 3RD FOR UTILITY TRENCHING AND PAVEMENT RESTORATION WORK. TRAFFIC CONTROL SIMILAR TO MUTCD "LANE CLOSURE ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES". CLOSE LANE AS DEPICTED IN THE DETAIL (DETAIL 2/C6.2).
- WORK ZONE 5: CLOSE ALLEY AS REQUIRED FOR PAVEMENT RESTORATION



DESIGN:	NAT
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CHECK:	JPU
JOB NO:	22332.20
DATE:	01/27/23

TRAFFIC CONTROL PLAN

C6.1

SW 1/4, NE 1/4, SECTION 4, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

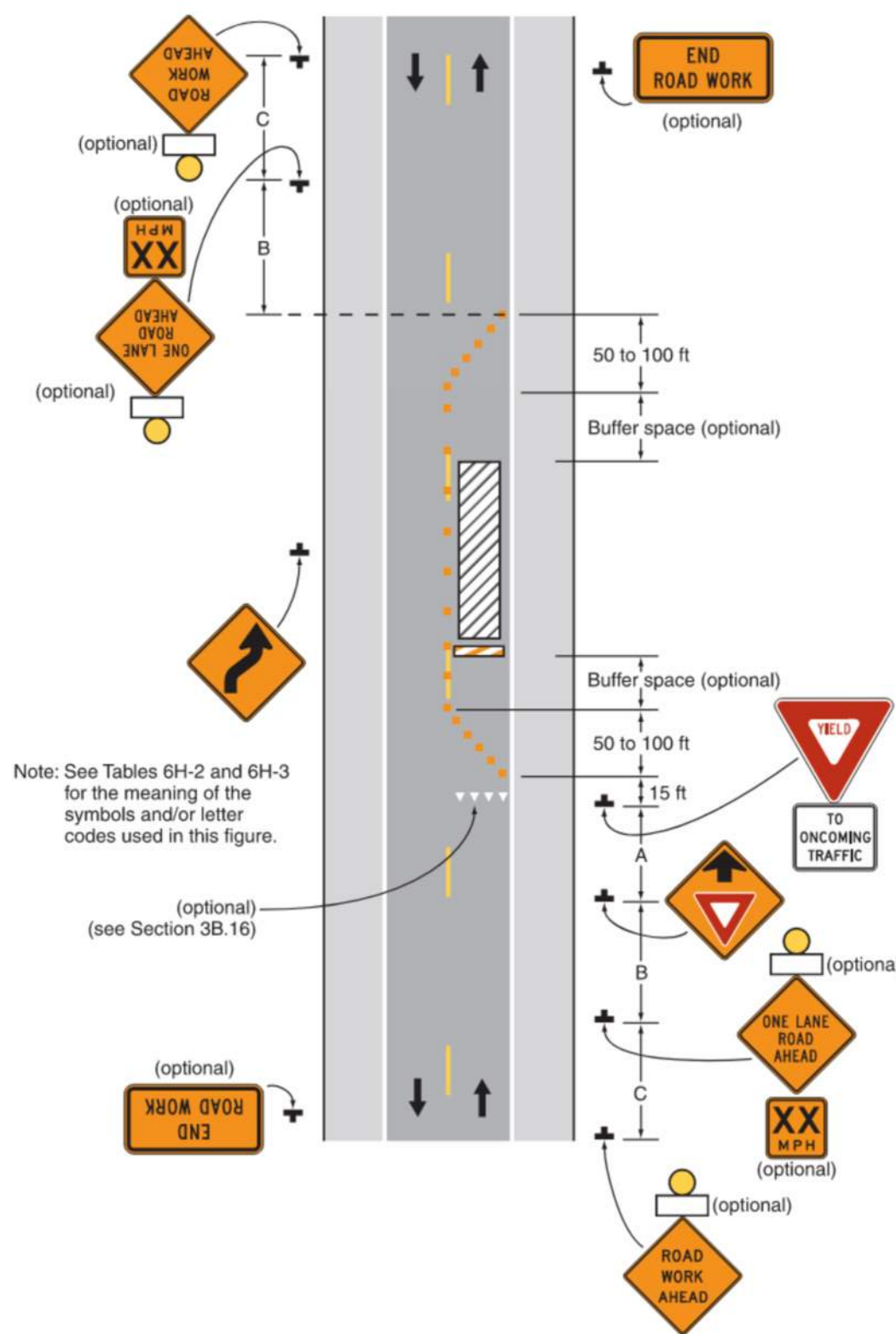
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

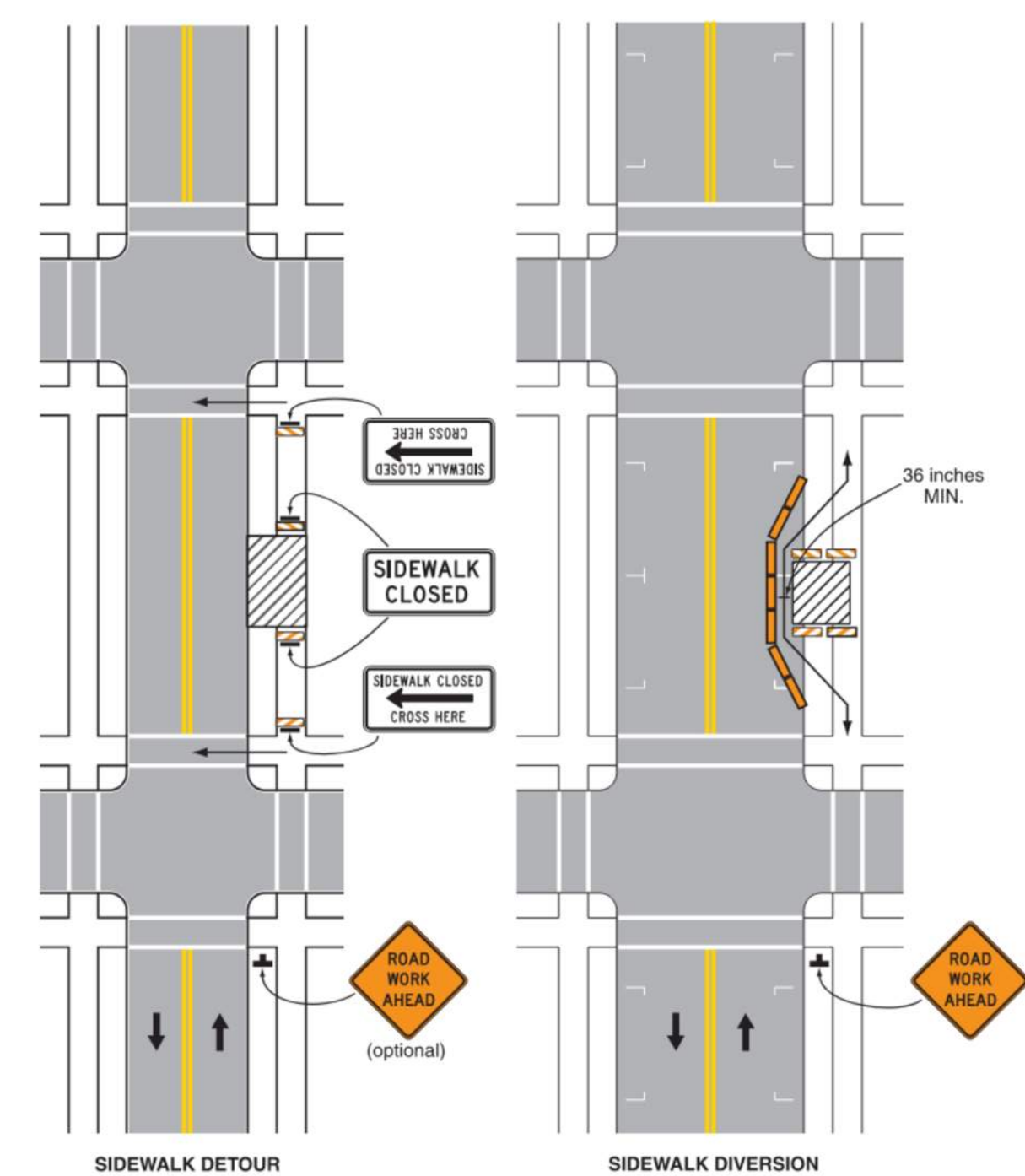
Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Figure 6H-11. Lane Closure on a Two-Lane Road with Low Traffic Volumes (TA-11)



Typical Application 11

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



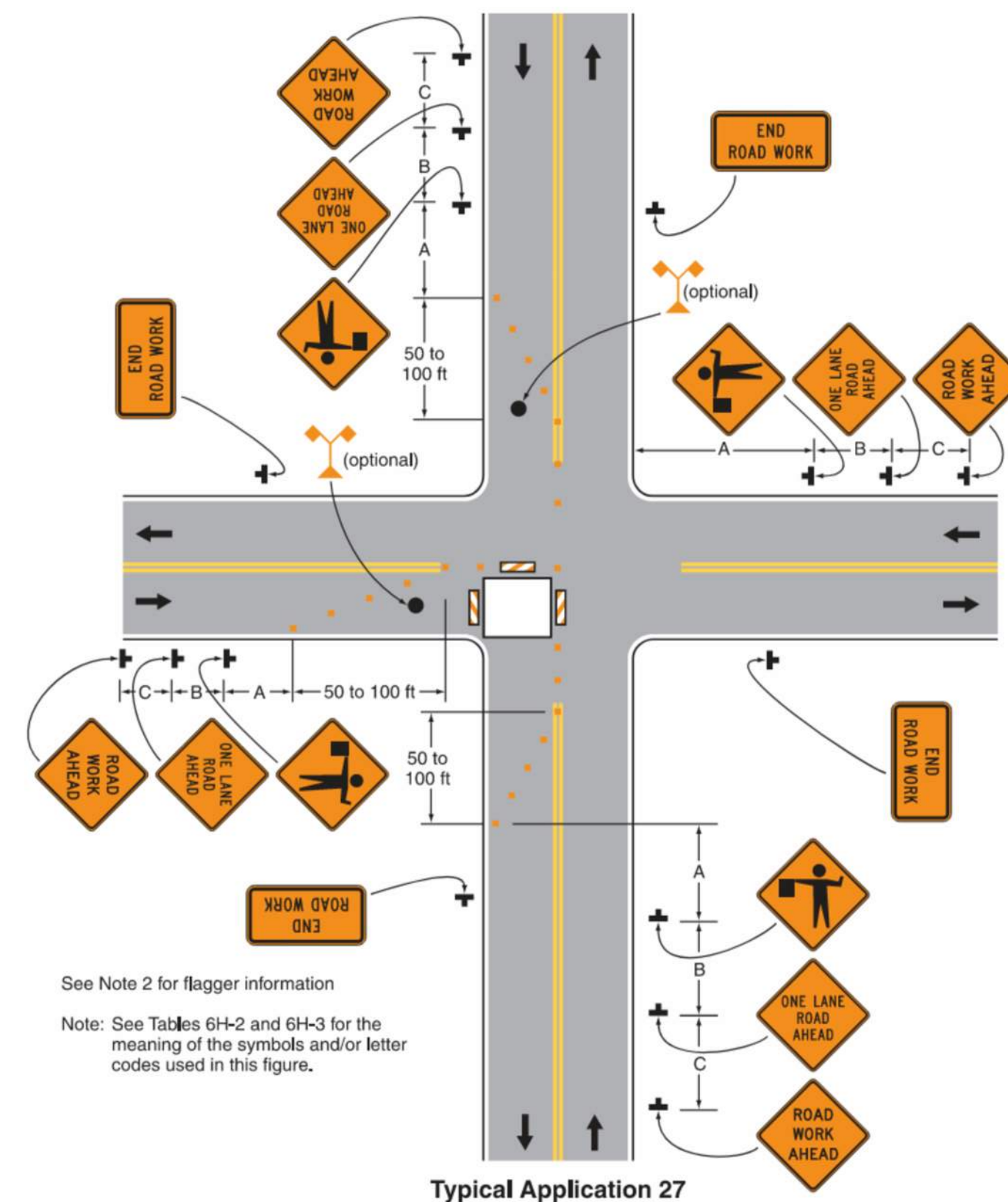
Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

1 MUTCD STANDARD DETAIL
SCALE: NTS

2 MUTCD STANDARD DETAIL
SCALE: NTS

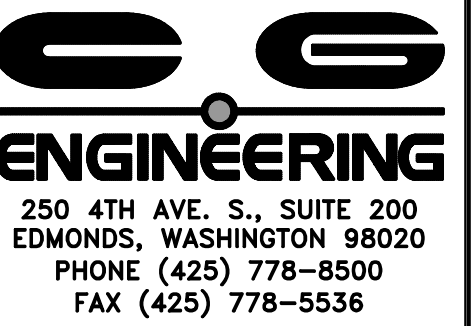
3 MUTCD STANDARD DETAIL
SCALE: NTS



Typical Application 27

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

4 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD DETAIL
SCALE: NTS

[illegible]

DESIGN:	NAT
DRAWN:	JCP
CHECK:	JPU
JOB NO:	22332.20
DATE:	01/27/23

ROSE HILL APARTMENTS
3RD & PARK AVE
MUKILTEO, WA 98275

TRAFFIC CONTROL DETAILS

SHEET:

C6.2