

40TH AVE NE EXTENSION

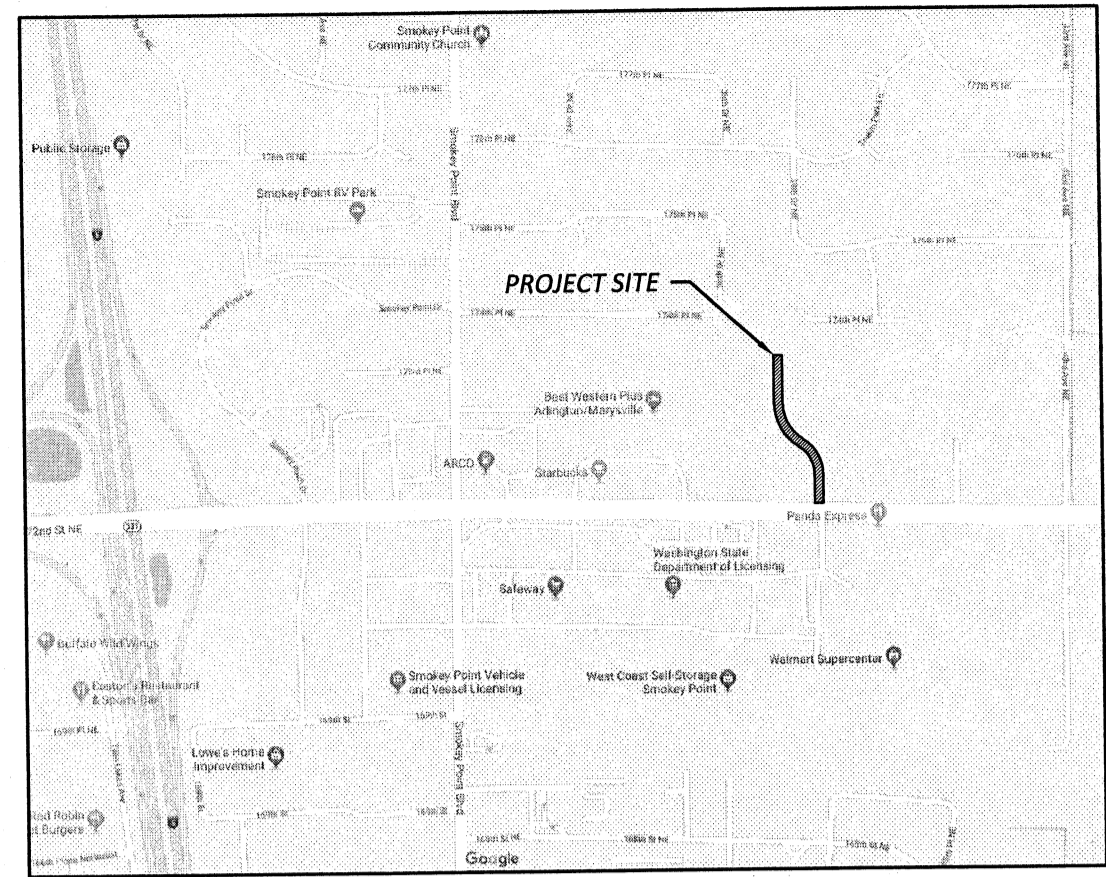
40TH AVE NE

ARLINGTON, WA 98223

SW 1/4, SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.



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



VICINITY MAP
 NTS = PROJECT SITE

ENGINEERING
 250 4TH AVE. S., SUITE 200
 EDMONDS, WASHINGTON 98020
 PHONE (425) 778-8500
 FAX (425) 778-5536



06/05/19

OWNER

BAKER-MOR, LLC
 2711 E SPRAGUE AVE
 SPOKANE, WA 99202
 CONTACT: JARED CAUDLE

CONSULTANTS

CG ENGINEERING
 250 4TH AVE S, SUITE 200
 EDMONDS, WA 98020
 425.778.8500 FAX 778.5536
 CONTACT: JARED UNDERBRINK

SOIL/GEOTECH ENGINEER
 GFI TEST SERVICES, INC.
 741 MARIN DR
 BELLINGHAM, WA 98225
 360.733.7318
 CONTACT: DAVID RAUCH

SURVEYOR
 HOLT SURVEYING AND MAPPING, INC.
 104 S FREYA ST, SUITE 104A
 SPOKANE, WA 99202
 509.222.0468
 CONTACT: RICK HOLT

UTILITIES

WATER/STORM
 CITY OF ARLINGTON
 154 W COX AVE
 ARLINGTON, WA 98223

SEWER
 CITY OF MARYSVILLE
 80 COLUMBIA AVE
 MARYSVILLE, WA 98270

LEGAL DESCRIPTION

LOT 1, CITY OF ARLINGTON SHORT PLAT NO. MN-01-011-FSP RECORDED UNDER RECORDING NO. 200104095006, BEING A PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

BENCHMARK

FOUND 5/8" REBAR AND 1 1/2" CAP MENTRON 28067 AT THE SOUTH EAST CORNER OF PROPERTY. HEIGHT OF 124.19' (NAVD 88) WAS USED AS THE CONTROLLING BENCHMARK FOR THIS SITE.

DATUM

NAVD 88

GENERAL NOTES

- CITY OF ARLINGTON GENERAL CONSTRUCTION NOTES:
- ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS STANDARDS AND SPECIFICATIONS, AND THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
 - IT IS THE SOLE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO OBTAIN A GRADING PERMIT, RIGHT-OF-WAY PERMIT, AND UTILITY PERMITS, FROM THE CITY. ALL REQUIRED PERMITS FROM OTHER AGENCIES MUST ALSO BE OBTAINED BY THE DEVELOPER/CONTRACTOR.
 - PRIOR TO ANY CONSTRUCTION ACTIVITY, THE DEVELOPER/CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE CITY. THE CONTRACTOR SHALL SCHEDULE THE PRE-CONSTRUCTION CONFERENCE BY CALLING (360) 403-3500. PRIOR TO SCHEDULING, THE CONTRACTOR MUST SUBMIT AND RECEIVE APPROVAL FOR THE TRAFFIC CONTROL PLAN, CITY PERMITS, TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, PERFORMANCE BOND, COPY OF OTHER AGENCY PERMITS, A COPY OF THE CONTRACTOR'S LICENSE, AND PROOF OF INSURANCE COVERAGE.
 - A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE ON THE JOB SITE WHEN CONSTRUCTION IS IN PROGRESS.
 - ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
 - ALL OF THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATE SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
 - INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY REPRESENTATIVES OF THE CITY OF ARLINGTON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF ITEMS THAT DO NOT MEET CITY STANDARDS OR WERE CONSTRUCTED WITHOUT INSPECTION.
 - THE CONTRACTOR SHALL KEEP THE ON-SITE AND OFF-SITE STREETS CLEAN AT ALL TIMES BY CLEANING WITH A SWEEPING AND/OR VACUUM TRUCK. WASHINGS OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY INSPECTOR.
 - THE CONTRACTOR SHALL MAINTAIN TWO (2) SETS OF "AS-BUILT" PLANS SHOWING ALL FIELD CHANGES AND MODIFICATIONS. IMMEDIATELY AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL DELIVER BOTH COPIES OF RED-LINED PLANS TO THE CITY. THE CITY WILL FORWARD ONE OF THE COPIES TO THE DESIGN ENGINEER.

- CITY OF ARLINGTON GENERAL DRAINAGE NOTES:
- ALL STORM DRAINAGE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND CITY STANDARDS AND SPECIFICATIONS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
 - ALL PIPE MATERIALS SHALL MEET THE REQUIREMENTS OF THE CITY STANDARDS AND SPECIFICATIONS. ACCEPTABLE STORM DRAINAGE PIPE MATERIALS INCLUDE CONCRETE, PVC, HDPE, AND DUCTILE IRON. CORRUGATED METAL PIPES (GALVANIZED ALUMINUM OR STEEL) ARE NOT ACCEPTED BY THE CITY. ALL PIPE JOINTS MUST HAVE GASKETS AND SHALL BE WATER TIGHT UNLESS OTHERWISE DIRECTED BY THE CITY.
 - PIPE BEDDING MATERIAL SHALL BE 5/8-INCH MINUS CRUSHED GRAVEL FOR ALL PIPE TYPES, EXCEPT DUCTILE IRON. BEDDING MATERIAL FOR DUCTILE IRON PIPE SHALL MEET THE REQUIREMENTS OF THE CITY'S STANDARDS AND SPECIFICATIONS (CHAPTER 4).
 - ALL TRENCH BACKFILL IN AREAS OF PAVEMENT OR STRUCTURAL LOADING SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY. ALL OTHER AREAS SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
 - ALL PIPE SHALL BE PLACED ON STABLE EARTH. IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING TRENCH FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH GRAVEL BEDDING MATERIAL TO SUPPORT THE PIPE.
 - LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY DRAINS BEHIND THE SIDEWALK MUST BE INSTALLED AS REQUIRED PRIOR TO SIDEWALK CONSTRUCTION. STUB-OUTS SHALL BE MARKED WITH A 2"x4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATION AND DEPTH OF THESE INSTALLATIONS SHALL BE SHOWN ON THE AS-BUILT PLANS SUBMITTED TO THE CITY.
 - ALL CATCH BASINS SHALL BE TYPE 1 UNLESS OTHERWISE SHOWN ON THE PLANS AND APPROVED BY THE CITY. THE USE AND INSTALLATION OF INLETS IS DISCOURAGED.
 - ALL CATCH BASINS WITH A DEPTH OF 5 FEET (RIM TO INVERT) OR GREATER SHALL BE TYPE 2 CATCH BASINS EQUIPPED WITH 3/4-INCH DIAMETER SAFETY MANHOLE STEPS OR A MANHOLE LADDER PER CITY STANDARD DETAILS.
 - ALL GRATES SHALL BE MARKED "OUTFALL TO STREAM - DUMP NO POLLUTANTS". ALL SOLID COVER SHALL BE MARKED "DRAIN". ALL CATCH BASINS AND MANHOLES SHALL BE EQUIPPED WITH LOCKING FRAMES AND LIDS OR GRATES PER CITY STANDARD DETAILS.
 - ALL GRATES LOCATED IN THE GUTTER FLOW LINE (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FOOT BELOW PAVEMENT LEVEL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES/COVERS TO GRADE JUST PRIOR TO CURB INSTALLATION AND PAVING.
 - ALL RETENTION/DETENTION FACILITIES SHALL BE INSTALLED AND IN OPERATION PRIOR TO, OR IN CONJUNCTION WITH, ALL CONSTRUCTION ACTIVITY, UNLESS OTHERWISE APPROVED BY THE CITY.
 - DETENTION/RETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL BE ENCLOSED WITH A VINYL COATED CHAIN LINK FENCE.
 - BIO-FILTRATION SWALES AND/OR FILTER STRIPS SHALL BE CONSTRUCTED, BEDDED OR SEEDED AND IN OPERATION PRIOR TO, OR SODDED IN CONJUNCTION WITH, ASPHALT PAVING. THE VEGETATION IN THE BIO-SWALE MUST BE WELL ESTABLISHED BEFORE PAVING BEGINS.
 - STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASIN SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO THE CITY'S ACCEPTANCE OF THE PROJECT.
 - WHEN INFILTRATION FACILITIES ARE CONSTRUCTED, COMPACTION OF SOIL IS NOT ALLOWED, AS THE DESIGN IS BASED ON NATURAL SOIL IN THE ORIGINAL LOCATION. VEHICLES SHALL NOT BE DRIVEN OVER THE INFILTRATION AREA DURING CONSTRUCTION.
 - IF THE CONTRACTOR ENCOUNTERS GROUNDWATER OR SOIL CONDITIONS DIFFERENT FROM THAT SHOWN IN THE PLANS DURING INFILTRATION SYSTEM INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR.

ADA NOTES: THE FOLLOWING NOTES SHALL APPLY TO HARDSCAPE FACILITIES WITHIN THE PUBLIC RIGHT-OF-WAY.

- UNLESS OTHERWISE SPECIFIED ON THE PLANS, OR DIRECTED BY THE CITY ENGINEER, CROSS SLOPES OF SIDEWALKS SHALL BE NOMINAL 1.5%. CROSS SLOPES SHALL NOT BE LESS THAN 1% NOR EXCEED 2%.
- MAXIMUM SLOPES SHOWN ON THE PLANS REPRESENT THE MAXIMUM ALLOWABLE SLOPES PERMITTED BY CURRENT ADA REQUIREMENTS. THE CONTRACTOR SHALL TAKE INTO CONSIDERATION CONSTRUCTION TOLERANCES WHEN PLACING SIDEWALKS TO INSURE MAXIMUM SLOPES ARE NOT EXCEEDED.
- COMPLETED SIDEWALKS OR OTHER HARDSCAPE ELEMENTS THAT EXCEED MAXIMUM SPECIFIED SLOPES OR ARE LESS THAN MINIMUM SPECIFIED SLOPES SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

ITEM	QUANTITY	UNIT
NEW IMPERVIOUS AREA (PUBLIC)	42,241	SQUARE FEET
NEW IMPERVIOUS AREA (PRIVATE)	0	SQUARE FEET
DUCTILE IRON WATER MAIN (12")	775	LINEAR FEET
DUCTILE IRON WATER (6")	0	LINEAR FEET
FIRE HYDRANT ASSEMBLIES	0	EACH
GATE VALVES (12")	9	EACH
GATE VALVES (6")	1	EACH
GATE VALVES (4")	1	EACH
NON-RESIDENTIAL WATER SERVICES (<2")	3	EACH
NON-RESIDENTIAL WATER SERVICES (>2")	0	EACH
PVC SEWER MAIN (10")	0	LINEAR FEET
PVC SEWER MAIN (8")	0	LINEAR FEET
SEWER MANHOLES (TYPE I)	0	EACH
SIDE SEWER (6")	0	EACH
STORM DRAIN PIPE (12")	116	LINEAR FEET
CATCH BASINS (TYPE I)	11	EACH

(AB) DENOTES AS-BUILT VALUE

"THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND AS-BUILT INFORMATION PROVIDED BY OTHERS. CG ENGINEERING HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION"

- CITY OF ARLINGTON WATER SYSTEM CONSTRUCTION NOTES:
- ALL WORK SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND CURRENT EDITION OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRE CITY APPROVAL.
 - ALL MATERIALS SHALL CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS AND SHALL BE APPROVED BY THE CITY PRIOR TO DELIVERY TO THE JOB SITE. MATERIAL SUBMITTALS ARE REQUIRED AND MUST BE APPROVED PRIOR TO SCHEDULING A PRE-CONSTRUCTION CONFERENCE.
 - WATER MAINS SHALL BE CEMENT-LINED DUCTILE IRON PIPE CLASS 52 UNLESS OTHERWISE APPROVED BY THE CITY.
 - ALL SERVICE LOCATIONS SHALL BE FIELD APPROVED BY THE CITY PRIOR TO INSTALLATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UNDERGROUND UTILITIES BY CALLING ONE-CALL UNDERGROUND UTILITY LOCATOR (1-800-424-5555) 48 HOURS PRIOR TO CONSTRUCTION.
 - ADEQUATE TRENCH SHEETING AND/OR SHORING SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY OSHA AND WISHA.
 - THE PIPE SHALL BE INSTALLED BY FOLLOWING THE FINISHED GRADE PROFILE WHEREVER POSSIBLE. THE DEPTH OF COVER SHALL BE TYPICALLY 36 INCHES (3 FEET), AND MAY BE UP TO 60 INCHES (5 FEET) WITH THE APPROVAL OF THE CITY ENGINEER. WATER MAINS UNDER THE STATE (OR COUNTY) HIGHWAYS SHALL MEET THE MINIMUM COVER DEPTHS REQUIRED BY WSDOT (OR SNOHOMISH COUNTY).
 - PIPE JOINT DEFLECTIONS SHALL NOT EXCEED ONE-HALF OF PIPE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTIONS. BENDS MAY BE REQUIRED TO MAINTAIN PROPER WATER MAIN ALIGNMENT WITHIN EASEMENTS OR PUBLIC RIGHT-OF-WAY.
 - WATER MAIN SHALL NOT BE PLACED UNDER SIDEWALK, CURBS, GUTTERS, OR ANY PERMANENT STRUCTURES WITHOUT THE PRIOR APPROVAL OF THE CITY ENGINEER.
 - NO CONNECTION TO THE CITY WATER SYSTEM IS ALLOWED UNTIL THE NEW CONSTRUCTION PASSES PRESSURE AND PURITY TESTS, AND HAS BEEN APPROVED AND ACCEPTED BY THE CITY.
 - PRIOR TO MAKING CONNECTIONS TO THE EXISTING SYSTEM, CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH AND MATERIAL OF EXISTING WATER MAINS AT THE POINT OF CONNECTION.
 - ALL WATER LINES SHALL BE A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE FROM SANITARY SEWERS. WHEN WATER LINES CROSS SEWER LINES, THE MINIMUM VERTICAL CLEARANCE SHALL BE 18 INCHES.
 - TO FILL THE MAIN FOR FLUSHING, PRESSURE AND PURITY TESTS, THE CONTRACTOR IS REQUIRED TO USE AN APPROVED METER AND DCVA. THE HYDRANT SHALL REMAIN IN THE FULL OPEN POSITION TO PREVENT BACK-SIPHONAGE THROUGH THE DRAIN HOLE. AFTER SUCCESSFUL TESTING, THE CONTRACTOR WILL TIE INTO THE EXISTING SYSTEM, USING DISINFECTED SLEEVES AND SPOOL PIECES.
 - THE CONTRACTOR SHALL CONTACT THE CITY FOR VALVE OPERATION. ONLY AUTHORIZED REPRESENTATIVES OF THE CITY CAN OPERATE VALVES IN THE CITY WATER SYSTEM.
 - THE CONTRACTOR IS HEREBY NOTIFIED THAT, SINCE FILLING AND FLUSHING WILL BE DONE THROUGH A CROSS-CONNECTION CONTROL DEVICE, LOW VELOCITY FLOWS MAY BE ENCOUNTERED. THEREFORE, EVERY ATTEMPT SHALL BE MADE TO KEEP THE PIPE CLEAN DURING INSTALLATION. THIS MAY INCLUDE SWABBING THE PIPE WITH FLORINATED WATER.
 - THE CONTRACTOR SHALL PERFORM TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL, DUST CONTROL, NOISE CONTROL, AND TRAFFIC CONTROL AS REQUIRED BY THE CITY OR OTHER APPLICABLE AGENCIES.
 - CUTTING AND PATCHING OF ROADWAYS SHALL CONFORM TO THE REQUIREMENTS OF THE RIGHT-OF-WAY PERMIT OF THE CITY OR OTHER APPLICABLE AGENCY.
 - ALL IN-LINE PIPE JOINTS SHALL BE RESTRAINED WITH FIELD LOCK GASKETS.
 - ALL FITTINGS SHALL BE RESTRAINED JOINTS AND HAVE THRUST BLOCKING.

- CITY OF ARLINGTON TESC NOTES:
- APPROVAL OF THE TEMPORARY EROSION/SEDIMENT CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR STORM DRAINAGE DESIGN.
 - A TESC PLAN MEETING THE DOE STORM WATER MANAGEMENT MANUAL ADOPTED BY THE CITY SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ANY WORK ON THE SITE. AN APPROVED COPY MUST BE MAINTAINED ON-SITE AND BE READILY AVAILABLE TO THE CITY INSPECTOR AT THEIR REQUEST.
 - THE TESC BMP'S SHOWN ON THE PLAN MUST BE INSTALLED PRIOR TO ALL OTHER CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, LEAVE THE SITE, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE TESC PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE CITY.
 - THE BOUNDARIES OF THE CLEARING LIMITS, SHOWN ON THE TESC PLAN, SHALL BE CLEARLY FENCED OR FLAGGED IN THE FIELD PRIOR TO STARTING CONSTRUCTION. NO DISTURBANCE BEYOND THE FENCED OR FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FENCING AND/OR FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
 - THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AND ADDED TO AS NEEDED, FOR UNEXPECTED STORM EVENTS AND TO REFLECT CHANGED CONDITIONS, AS REQUIRED BY THE CITY.
 - THE CONTRACTOR SHALL PROVIDE THE CITY A 24-HOUR EMERGENCY CONTACT PHONE NUMBER OF THE CONTRACTOR'S CERTIFIED EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION.
 - THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED FUNCTION AND OPERATION.
 - BETWEEN OCTOBER 1 AND APRIL 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE IMMEDIATELY COVERED BY MULCH, SOD OR PLASTIC COVERING. BETWEEN MAY 1 AND SEPTEMBER 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE IMMEDIATELY COVERED BY SEEDING OR OTHER APPROVED METHODS.
 - SEDIMENT DEPOSITS SHALL BE REMOVED FROM ALL CATCH BASINS, PRE-TREATMENT/SEDIMENT POND, AND SEDIMENT TRAPS UPON REACHING A DEPTH OF 12 INCHES.
 - ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES, SHALL PROVIDE ADEQUATE STORAGE CAPACITY, AND SHALL BE CLEANED OUT ENTIRELY ONCE THE SITE IS STABILIZED. IF THE PERMANENT FACILITY IS TO ULTIMATELY FUNCTION AS AN INFILTRATION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
 - WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROXIMATE RATE OF 120 LBS PER ACRE.
 - WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES, OR 3,000 POUNDS PER ACRE.
 - SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS. WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE, STABILIZATION BY GROUND COVER BMP'S SHALL OCCUR AT THE END OF EACH WORK DAY.
 - STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
 - MAINTENANCE AND REPAIR OF TESC FACILITIES AND STRUCTURES SHALL BE CONDUCTED IMMEDIATELY UPON RECOGNITION OF A PROBLEM OR WHEN THE TESC MEASURES BECOME DAMAGED.
 - UPON COMPLETION OF THE PROJECT, ALL BMP'S SHALL BE REMOVED FROM THE SITE AND RIGHT OF WAY. IF BMP'S ARE REQUIRED TO REMAIN IN PLACE FOR FURTHER PROTECTION, ARRANGEMENTS FOR REMOVAL SHALL BE MADE WITH THE CITY INSPECTOR.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	---	---
ADJACENT PROPERTY LINE	---	---
CENTERLINE	---	---
CLEARING LIMITS	---	---
SILT FENCE	X	X
CONTOUR LINE	100	100
FENCE	□	□
SANITARY SEWER LINE	SS	SS
MANHOLE	○	○
STORM DRAIN MAIN	SD	SD
STORM DRAIN PIPE	---	---
ROOF DRAIN	R	R
FOOTING DRAIN	F	F
PRESSURE LINE	P	P
CATCH BASIN (TYPE 1)	□	□
CATCH BASIN (TYPE 2)	○	○
CLEANOUT	○	○
CLEANOUT AND WYE	○	○
GRADE BREAK	---	---
SURFACE SWALE	---	---
DRAINAGE ARROW	---	---
WATER LINE	WA	WA
WATER METER	⊞	⊞
FIRE HYDRANT	⊞	⊞
FDC	○	○
PIV	○	○
GATE VALVE	X	X
TEE	┌	┌
90° BEND	└	└
THRUST BLOCKING	▲	▲
CAP	⌒	⌒
CONCRETE PAVEMENT	▒	▒
ASPHALT PAVEMENT	▒	▒
CRUSHED SURFACING	▒	▒
ROCKERY	○	○
SPOT ELEVATION	20.0	20.0
TELEPHONE LINE	T	T
POWER LINE	E	E
GAS LINE	G	G
SIGN	⌵	⌵

ABBREVIATIONS	
ABN	ABANDONED
BLDG	BUILDING
BOW	BOTTOM OF WALL
☉	CENTERLINE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONST	CONSTRUCTION
CP	CONCRETE PIPE
CU YD	CUBIC YARD
DCDVA	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
DI	DUCTILE IRON PIPE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
EA	EACH
EJ	EXPANSION JOINT
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EX	EXISTING
FDC	FIRE DEPT. CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLANGE
FT	FEET/FOOT
GV	GATE VALVE
HP	HIGH POINT
HT	HEIGHT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
L	LENGTH/LINE
LCPE	LINED CORRUGATED POLYETHYLENE PIPE
LF	LINEAL FOOT
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MON	MONUMENT
NTS	NOT TO SCALE
OC	ON CENTER
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
PL	PROPERTY LINE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANG.
R	RADIUS
REINF	REINFORCEMENT
RJ	RESTRAINED JOINT
RET	RETAINING
RT	RIGHT
SD	STORM DRAIN
SECT	SECTION
SDMH	STORM DRAIN MANHOLE
SIM	SIMILAR
SQ	SQUARE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STL	STEEL
TB	THRUST BLOCK
TOC	TOP OF CURB
TOW	TOP OF WALL
TOP	TOP ELEVATION
TYP	TYPICAL
VC	VERTICAL CURVE
W/	WITH
WM	WATER METER

AS-BUILT DRAWING REVIEW ACKNOWLEDGMENT

THIS PLAN HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. THIS PLAN REPRESENTS THE AS-BUILT CONDITIONS OF THE NEW CONSTRUCTION BASED UPON INFORMATION PROVIDED BY THE CONTRACTOR AND SURVEYOR. INFORMATION HEREIN HAS NOT BEEN FIELD VERIFIED BY THE CITY OF ARLINGTON. THE ENGINEER HEREBY CERTIFIES BASED UPON THE METHODOLOGY DESCRIBED ABOVE, AS-BUILT PLAN IS CONSISTENT WITH THE DESIGN INTENT AND ACCURATELY REPRESENTS THE EXISTING CONDITION.

BY: *[Signature]* CITY ENGINEER, CITY OF ARLINGTON
 DATE: 6/24/19

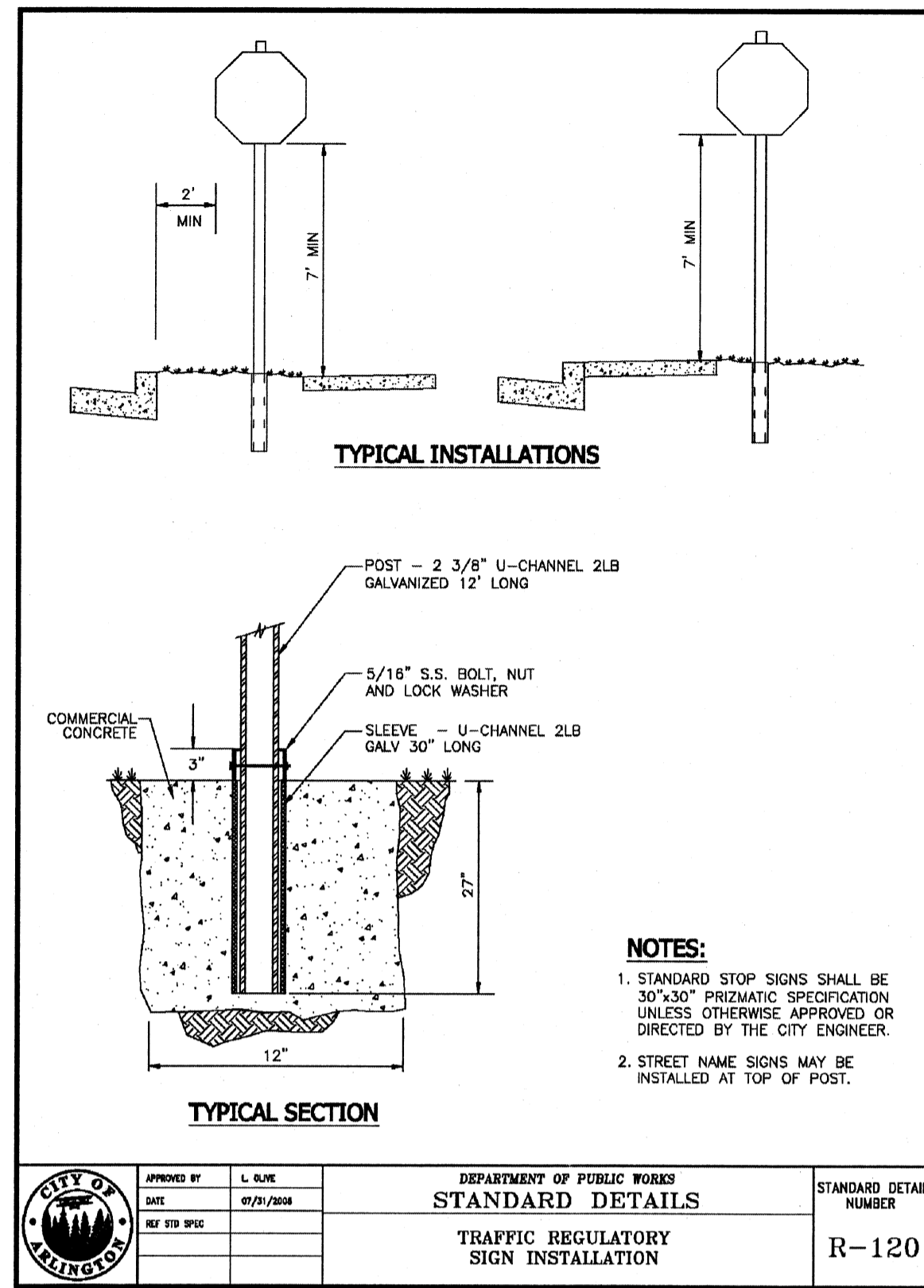
SURVEY CERTIFICATE
 I HEREBY CERTIFY THAT THE PORTIONS OF THE AS-BUILT PLANS SURVEYED BY ME OR UNDER MY DIRECTIONS ARE CORRECTLY REPRESENTED ON THE AS-BUILT PLAN.



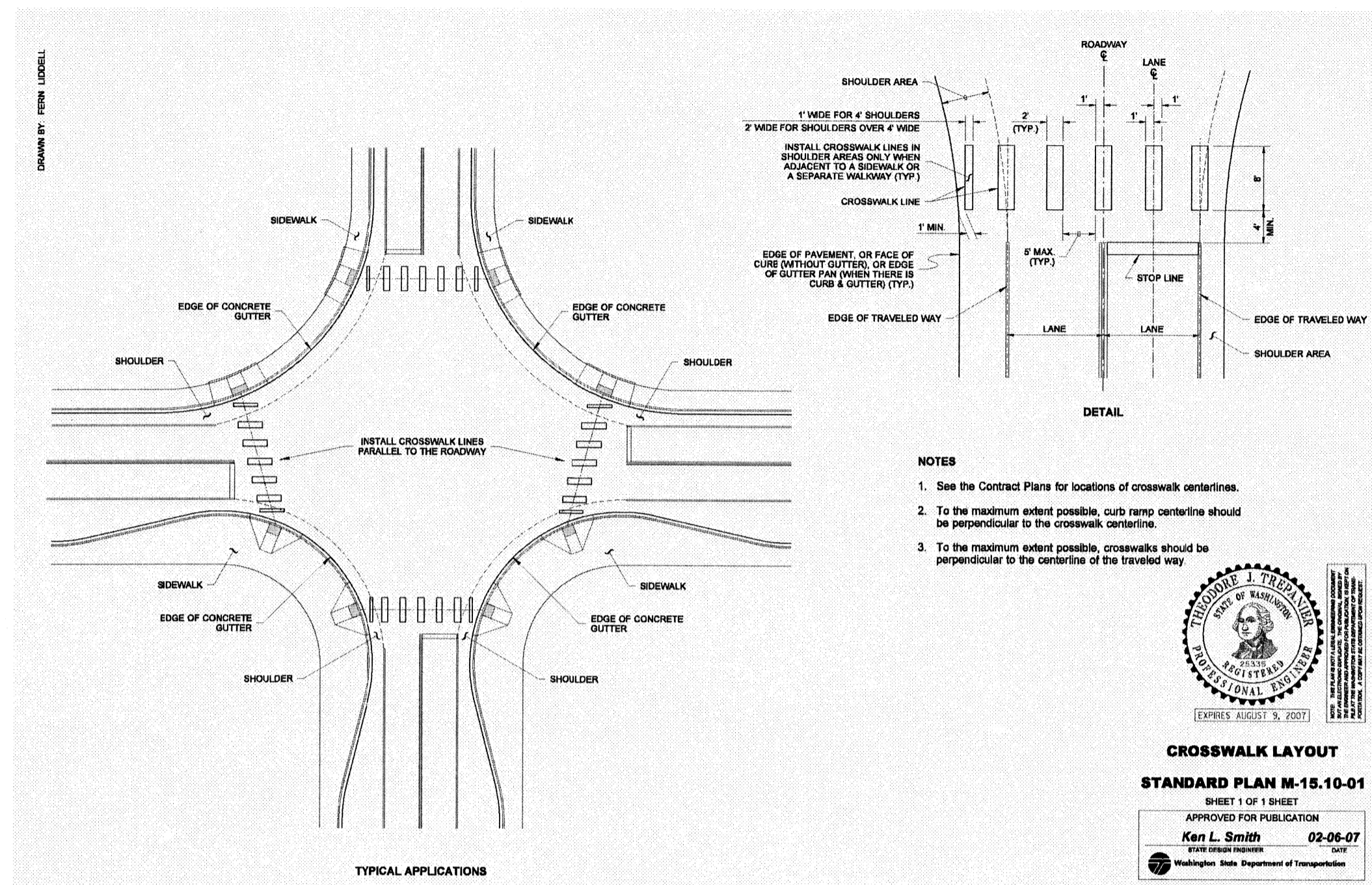
40TH AVE NE EXTENSION
 40TH AVE NE
 ARLINGTON, WA 98223
 COVER SHEET AND
 GENERAL NOTES

SHEET: _____

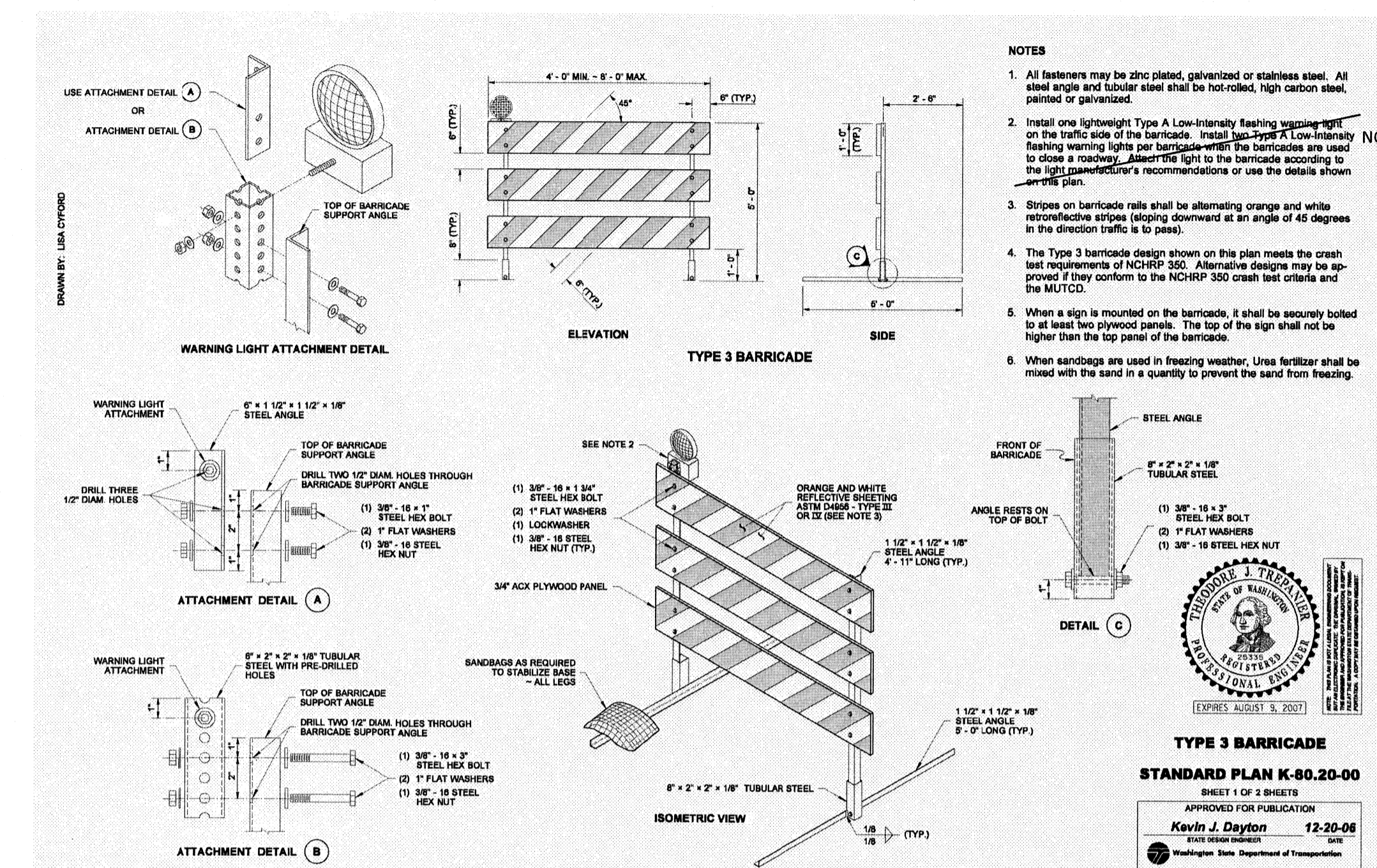
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1 CITY STANDARD DETAIL
SCALE: NTS



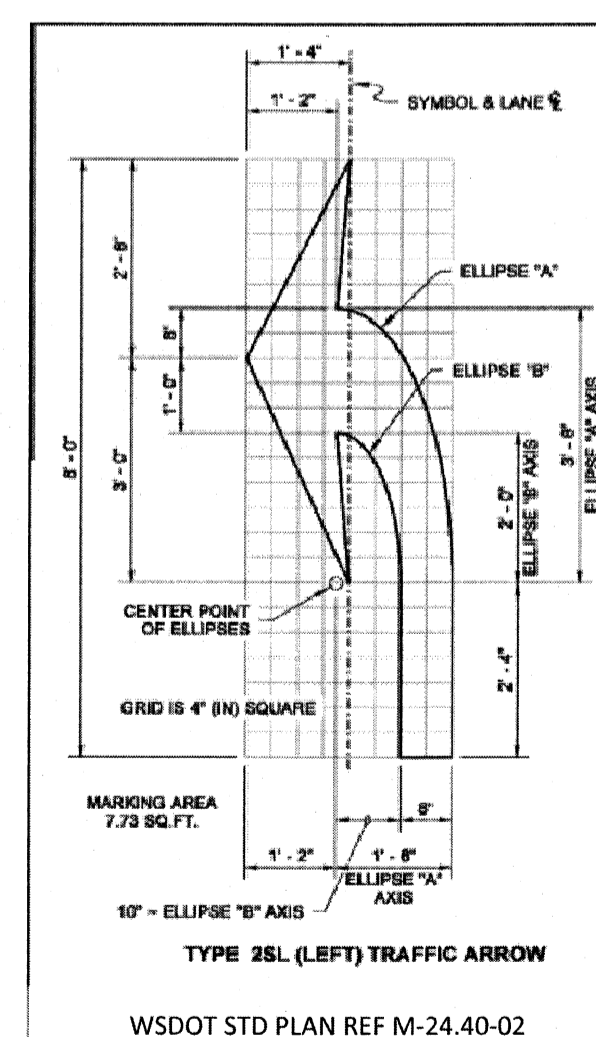
2 WSDOT STANDARD DETAIL
SCALE: NTS



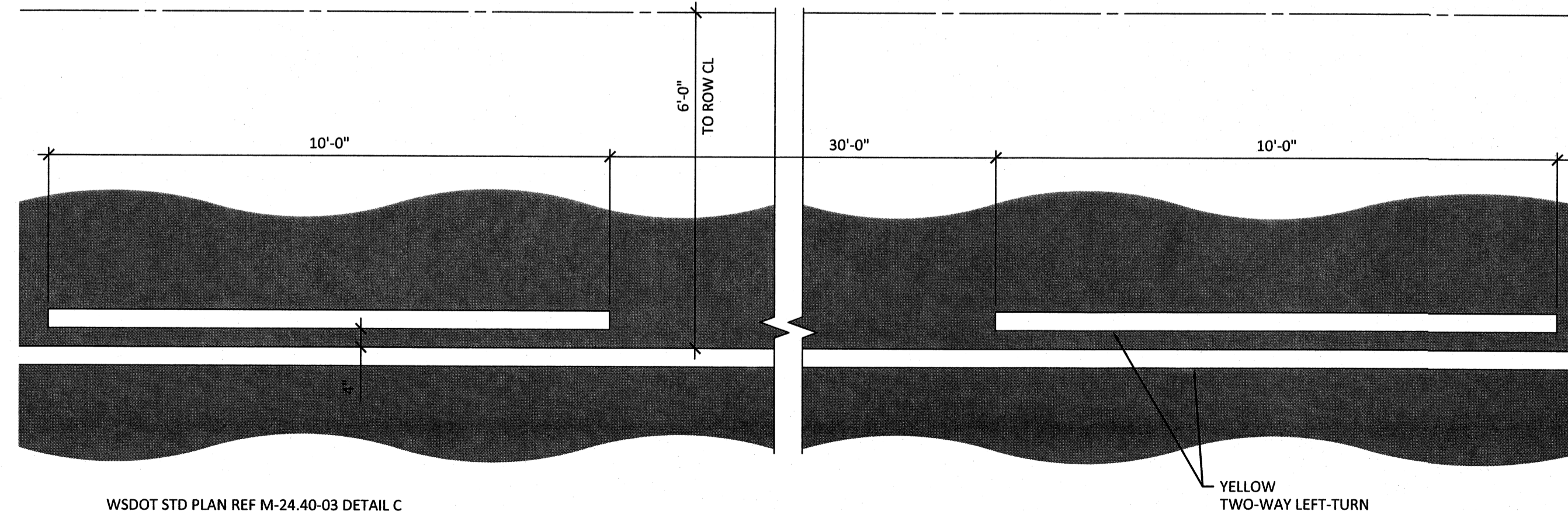
3 WSDOT STANDARD DETAIL
SCALE: NTS

(AB) DENOTES AS-BUILT VALUE

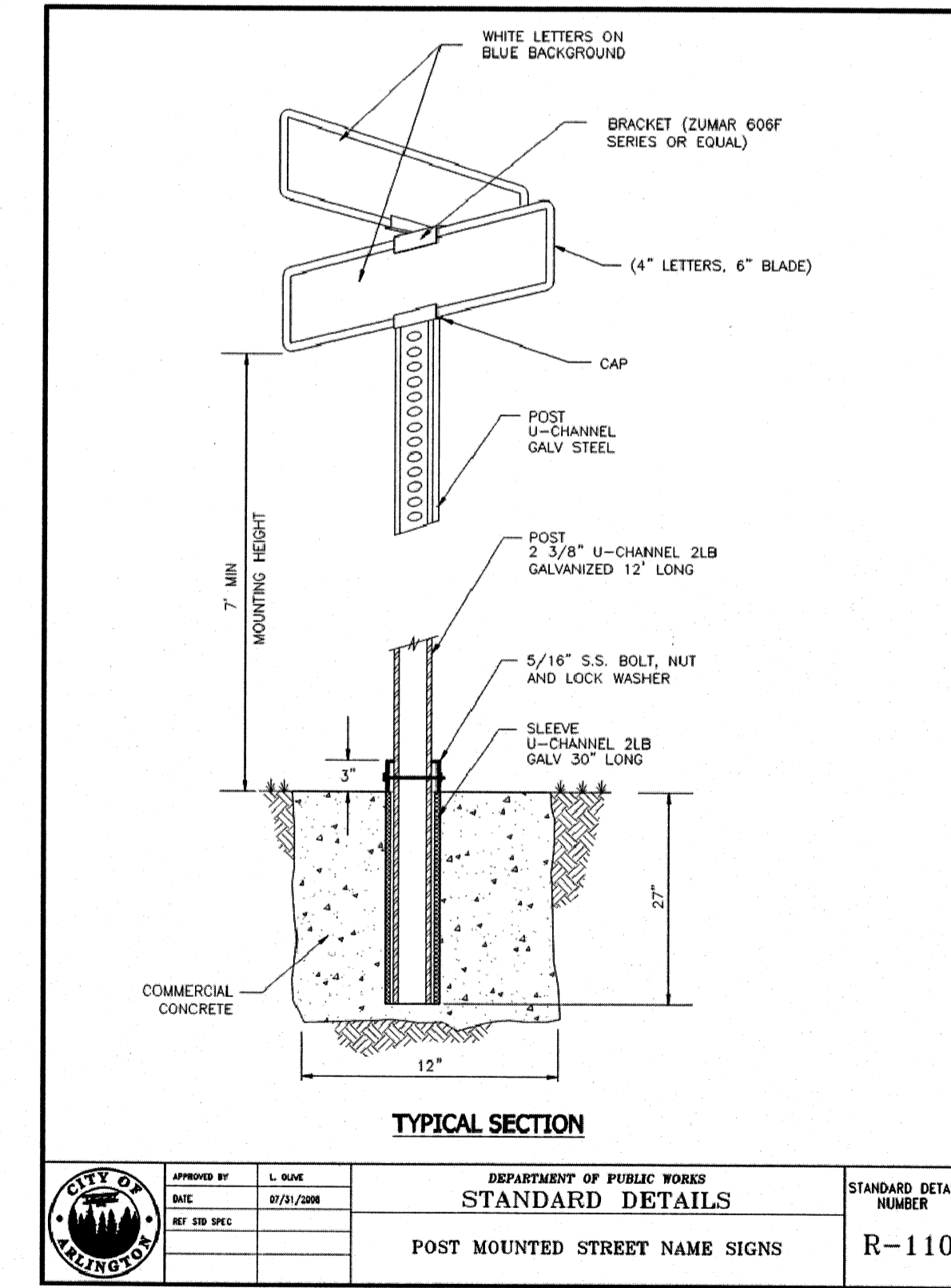
"THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND AS-BUILT INFORMATION PROVIDED BY OTHERS. CG ENGINEERING HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION"



4 WSDOT STANDARD DETAIL
SCALE: NTS



5 WSDOT STANDARD DETAIL
SCALE: 1/2" = 1'-0"



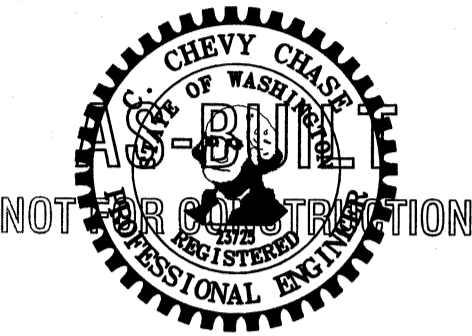
6 CITY STANDARD DETAIL
SCALE: NTS

AS-BUILT DRAWING APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.

BY: *Kevin J. Dayton*
City Engineer, CITY OF ARLINGTON

DATE: 4/24/19



MARK	DATE	DESCRIPTION
	05/29/18	PERMIT SUBMITTAL
	07/13/18	PERMIT RESUBMITTAL
	08/09/18	PERMIT RESUBMITTAL
	09/17/18	CONSTRUCTION REVISIONS
	10/23/18	CONSTRUCTION REVISIONS
	02/25/19	CONSTRUCTION REVISIONS
	04/19/19	AS-BUILT SUBMITTAL
	06/05/19	AS-BUILT RESUBMITTAL

DESIGN:	VD
DRAWN:	ATD
CHECK:	JPU
JOB NO:	17429.20
DATE:	05/29/18

40TH AVE NE EXTENSION
40TH AVE NE
ARLINGTON, WA 98223

STREET IMPROVEMENT DETAILS

FILE NAME:

SHEET: 3

C5.3

LEGEND

DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
RIGHT-OF-WAY		---
CONSTRUCTION NOTE		Ⓢ
LUMINAIRE POLE NUMBER		Ⓢ
WIRE NOTE		Ⓢ
CONDUIT		---
ROADWAY LUMINAIRE AND POLE		Ⓢ
TYPE 1 JUNCTION BOX		■
TYPE 2 JUNCTION BOX		■
SERVICE CABINET		■

CONSTRUCTION NOTES

- ① EXISTING LUMINAIRE TO REMAIN.
- ② INSTALL NEW KING LIGHTING K199 POST TOP, 80W LED TYPE III LUMINAIRE (12-BCHUN2032/590A140/LED/K199R-III-80-SSL-120V-4K) AT 16FT MOUNTING HEIGHT ON NEW BLACK LUMINAIRE POLE AND FOUNDATION PER LUMINAIRE INSTALLATION DETAIL ON SHEET ILO2.
- ③ INSTALL 120/240 VOLT STREET LIGHTING SERVICE CABINET PER WSDOT STANDARD PLAN J-10.21-00. CONTRACTOR SHALL COORDINATE SERVICE CONNECTION WITH UTILITY.
- ④ INSTALL 5' LONG SLEEVE AROUND PROPOSED CONDUIT AT FUTURE WALL LOCATION. SEE TYPICAL CONDUIT PENETRATION AT WALL DETAIL ON SHEET ILO2 FOR MORE DETAILS.

SERVICE CABINET BREAKER SCHEDULE

SERVICES & CIRCUITS	VOLTAGE (VOLTS)	LOAD (WATTS)	MAIN BREAKER (AMPS)	BRANCH BREAKER SIZE (AMPS)	CONTACTOR SIZE (AMPS)
SERVICE	240	1360	100		
ILLUMINATION CIRCUIT A	240	1360		20	30

LUMINAIRE POLE SCHEDULE

LUMINAIRE POLE NO.	NORTHING	EASTING	MOUNTING HEIGHT	WATTAGE	CIRCUIT NO.	DISTRIBUTION
1	423287.9	1312577.3	16FT	80	A	TYPE III
2	423321.0	1312535.2	16FT	80	A	TYPE III
3	423346.1	1312578.9	16FT	80	A	TYPE III
4	423423.9	1312537.7	16FT	80	A	TYPE III
5	423424.9	1312580.8	16FT	80	A	TYPE III
6	423468.6	1312572.1	16FT	80	A	TYPE III
7	423488.2	1312503.2	16FT	80	A	TYPE III
8	423545.3	1312457.0	16FT	80	A	TYPE III
9	423504.9	1312416.5	16FT	80	A	TYPE III
10	423557.2	1312397.2	16FT	80	A	TYPE III
11	423573.9	1312326.5	16FT	80	A	TYPE III
12	423602.7	1312361.6	16FT	80	A	TYPE III
13	423635.2	1312315.6	16FT	80	A	TYPE III
14	423694.5	1312360.2	16FT	80	A	TYPE III
15	423725.8	1312317.9	16FT	80	A	TYPE III
16	423783.9	1312362.3	16FT	80	A	TYPE III
17	423813.9	1312320.0	16FT	80	A	TYPE III

WIRING SCHEDULE

NO	RACEWAY CONDUIT SIZE*	CONDUCTOR	COMMENTS
1	2" SCH80	2-#8	ILLUMINATION CIRCUIT A
2	2" SCH80	2-#8	ILLUMINATION CIRCUIT A
	2" SCH80	SPARE (EMPTY WITH LOCATABLE MULE TAPE)	

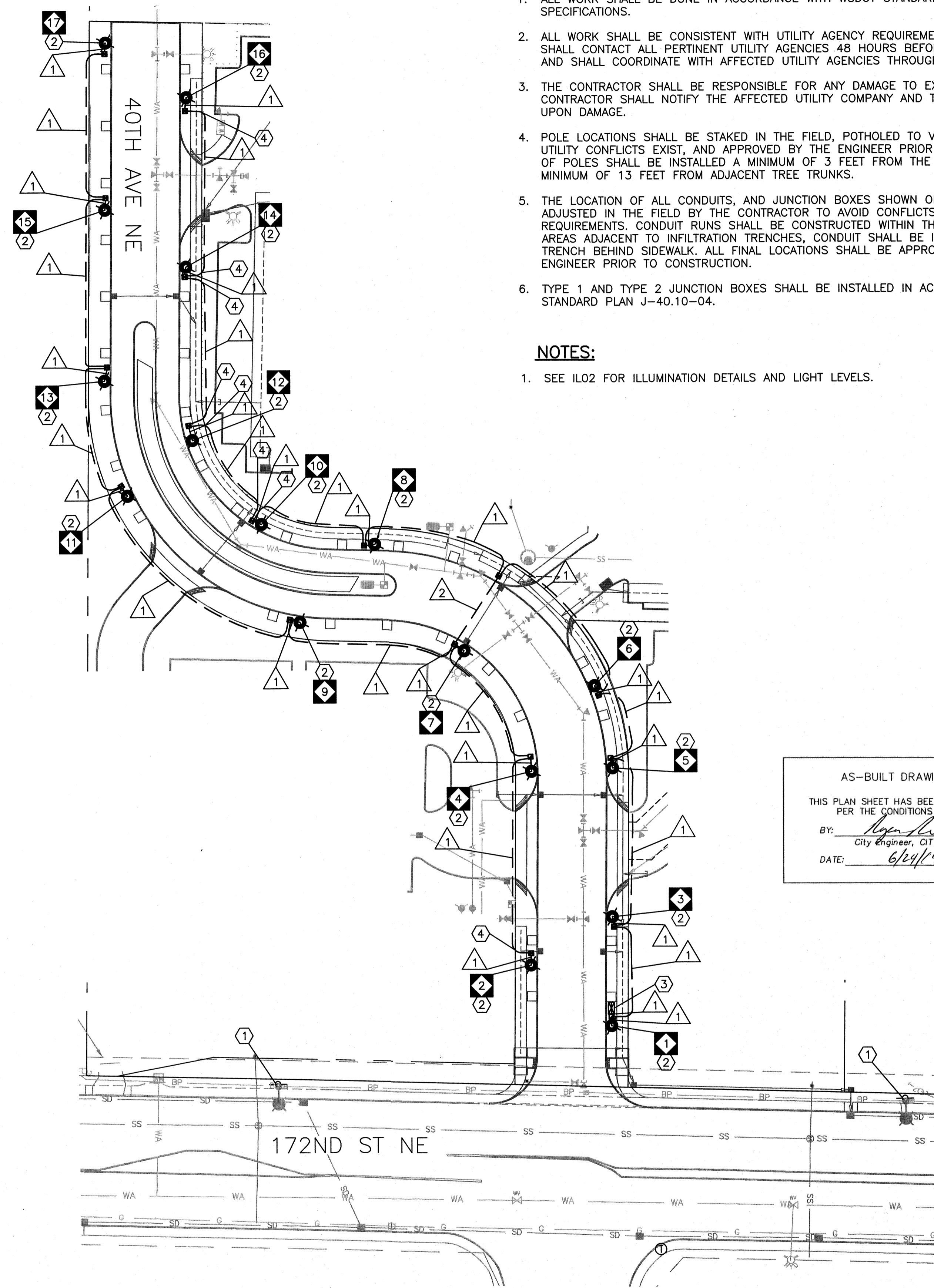
*ALL CONDUIT SHALL BE PVC AND SHALL CONTAIN A GROUND WIRE EQUAL OR LARGER IN SIZE TO THE LARGEST CONDUCTOR IN CONDUIT, UNLESS OTHERWISE NOTED.

GENERAL NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH WSDOT STANDARD PLANS AND SPECIFICATIONS.
- 2. ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS BEFORE COMMENCING WORK AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY IMMEDIATELY UPON DAMAGE.
- 4. POLE LOCATIONS SHALL BE STAKED IN THE FIELD, POTHOLED TO VERIFY NO POTENTIAL UTILITY CONFLICTS EXIST, AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. FACE OF POLES SHALL BE INSTALLED A MINIMUM OF 3 FEET FROM THE FACE CURB AND A MINIMUM OF 13 FEET FROM ADJACENT TREE TRUNKS.
- 5. THE LOCATION OF ALL CONDUITS, AND JUNCTION BOXES SHOWN ON THIS PLAN MAY BE ADJUSTED IN THE FIELD BY THE CONTRACTOR TO AVOID CONFLICTS AND MEET ADA REQUIREMENTS. CONDUIT RUNS SHALL BE CONSTRUCTED WITHIN THE RIGHT-OF-WAY. IN AREAS ADJACENT TO INFILTRATION TRENCHES, CONDUIT SHALL BE INSTALLED IN UTILITY TRENCH BEHIND SIDEWALK. ALL FINAL LOCATIONS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER PRIOR TO CONSTRUCTION.
- 6. TYPE 1 AND TYPE 2 JUNCTION BOXES SHALL BE INSTALLED IN ACCORDANCE WITH WSDOT STANDARD PLAN J-40.10-04.

NOTES:

- 1. SEE ILO2 FOR ILLUMINATION DETAILS AND LIGHT LEVELS.



AS-BUILT DRAWING APPROVAL
 THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.
 BY: *[Signature]*
 City Engineer, CITY OF ARLINGTON
 DATE: 6/24/19

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DESIGNED BY	DATE	REVISION	BY	DATE
RDM	10/03/2018			
RDM	10/03/2018			
BMK	10/03/2018			

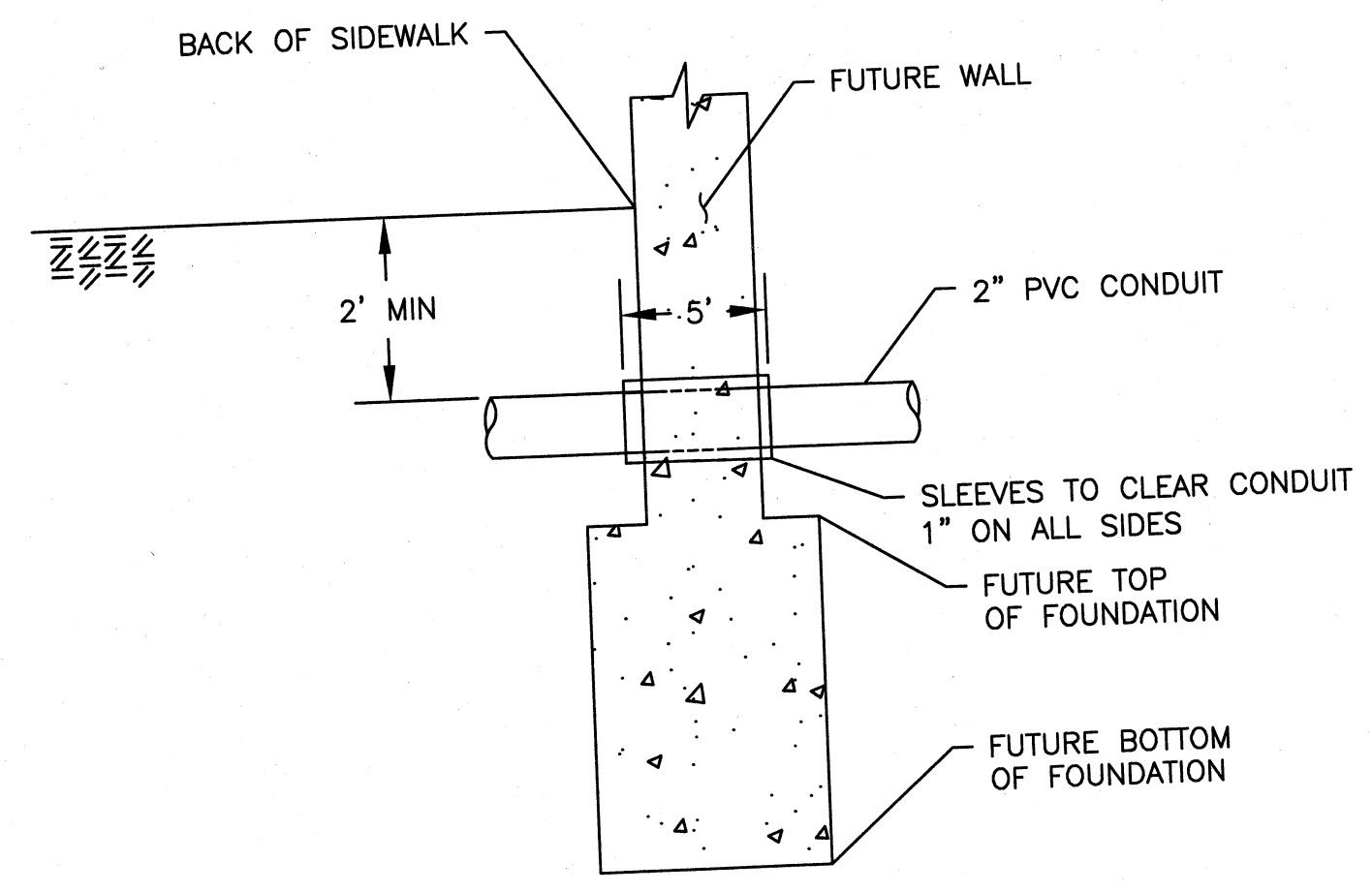


12131 113TH AVE #203
 KIRKLAND, WASHINGTON 98034
 (TEL) 425 821-3665
 (FAX) 425 825-8434



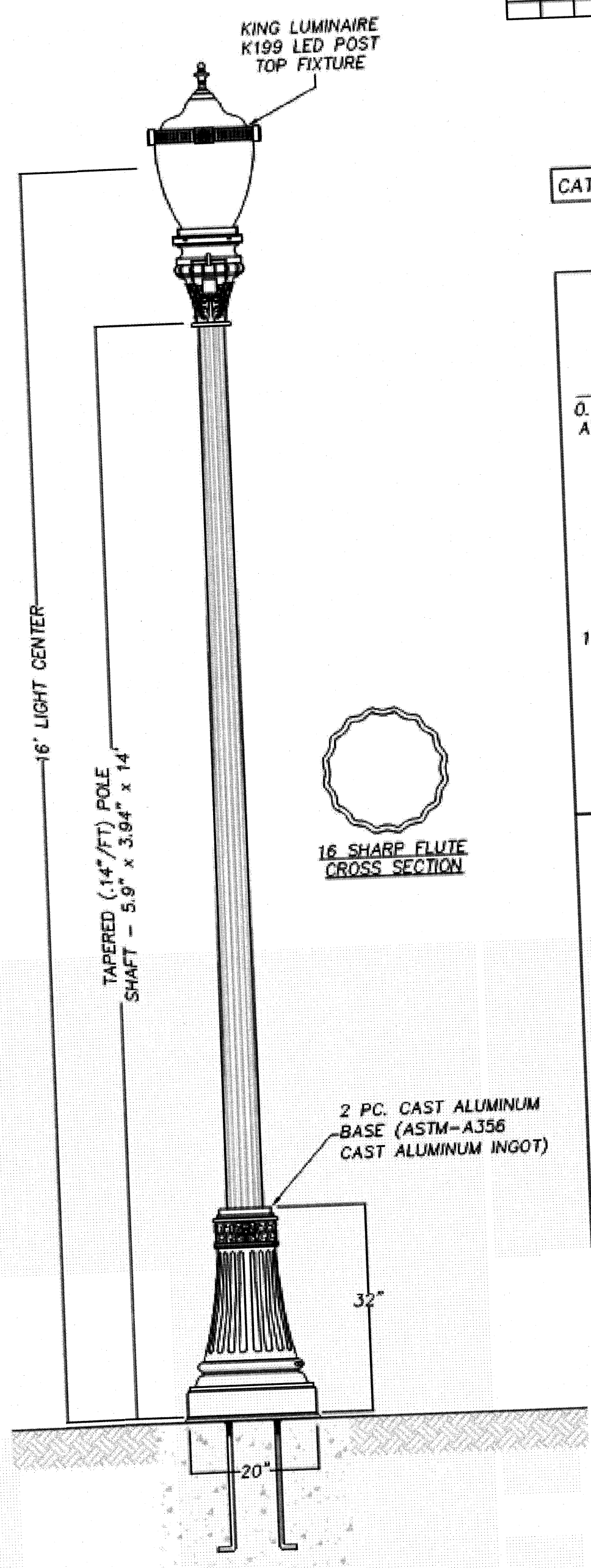
SMOKEY POINT ILLUMINATION
 CITY OF ARLINGTON
 ILLUMINATION PLAN
 ILO1
 SHEET 1 OF 2 SHEETS
 OCTOBER 2018

AS-BUILT DRAWING APPROVAL
 THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.
 BY: *[Signature]*
 City Engineer, CITY OF ARLINGTON
 DATE: 6/29/19



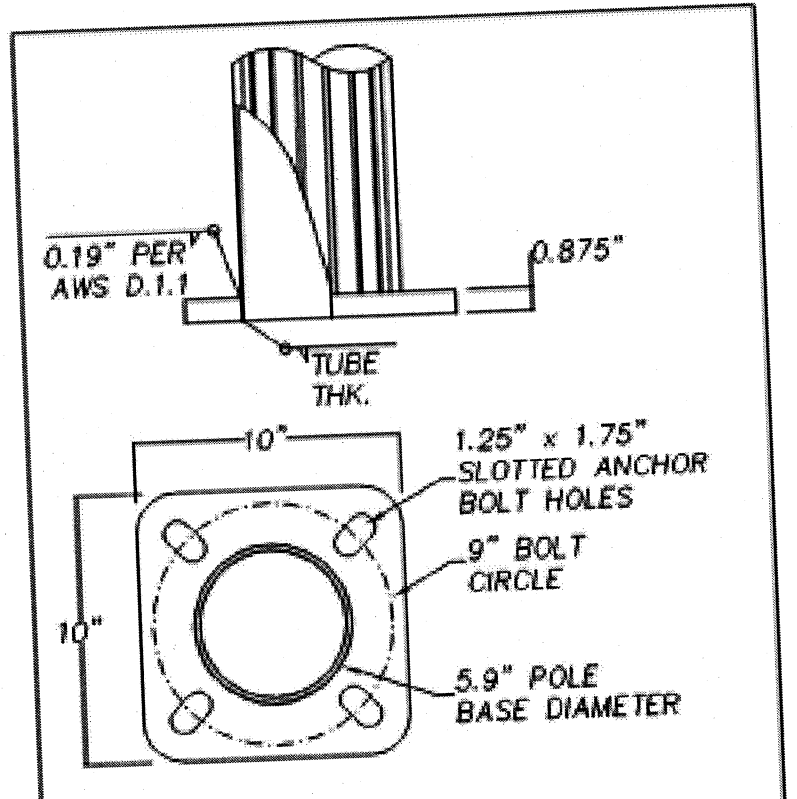
NOTE: DETAIL SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL VERIFY CONDUIT SLEEVE INSTALLATION IS COMPATIBLE WITH FUTURE WALL INSTALLATION. SEE DETAIL FD3T IN STRUCTURAL PLANS FOR MORE INFORMATION.

TYPICAL CONDUIT PENETRATION AT WALLS DETAIL
 NOT TO SCALE

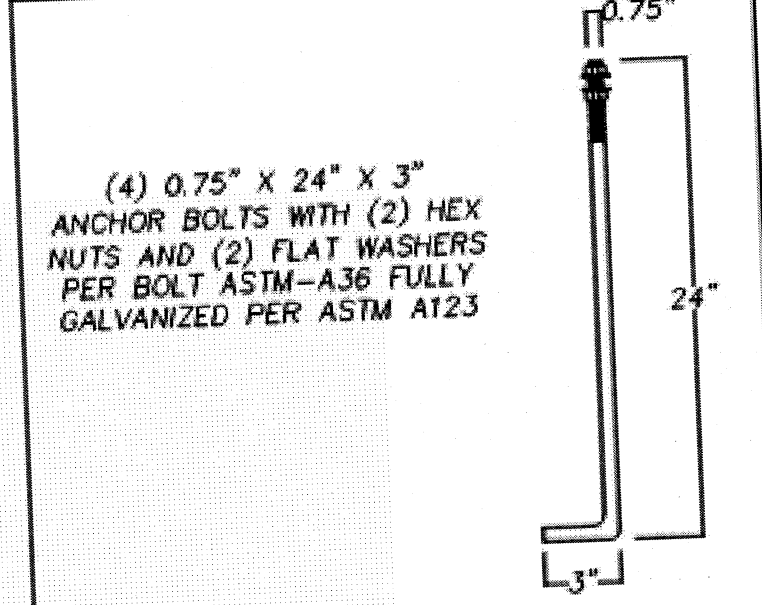


LUMINAIRE INSTALLATION DETAIL
 NOT TO SCALE

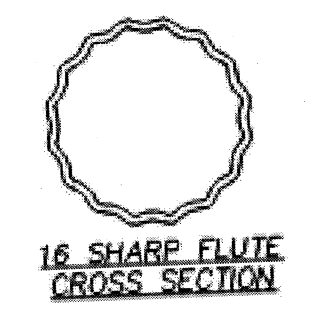
CAT. #: 12-BCHUN2032/590A140/K199-LED



DETAIL 2 - BASE PLATE

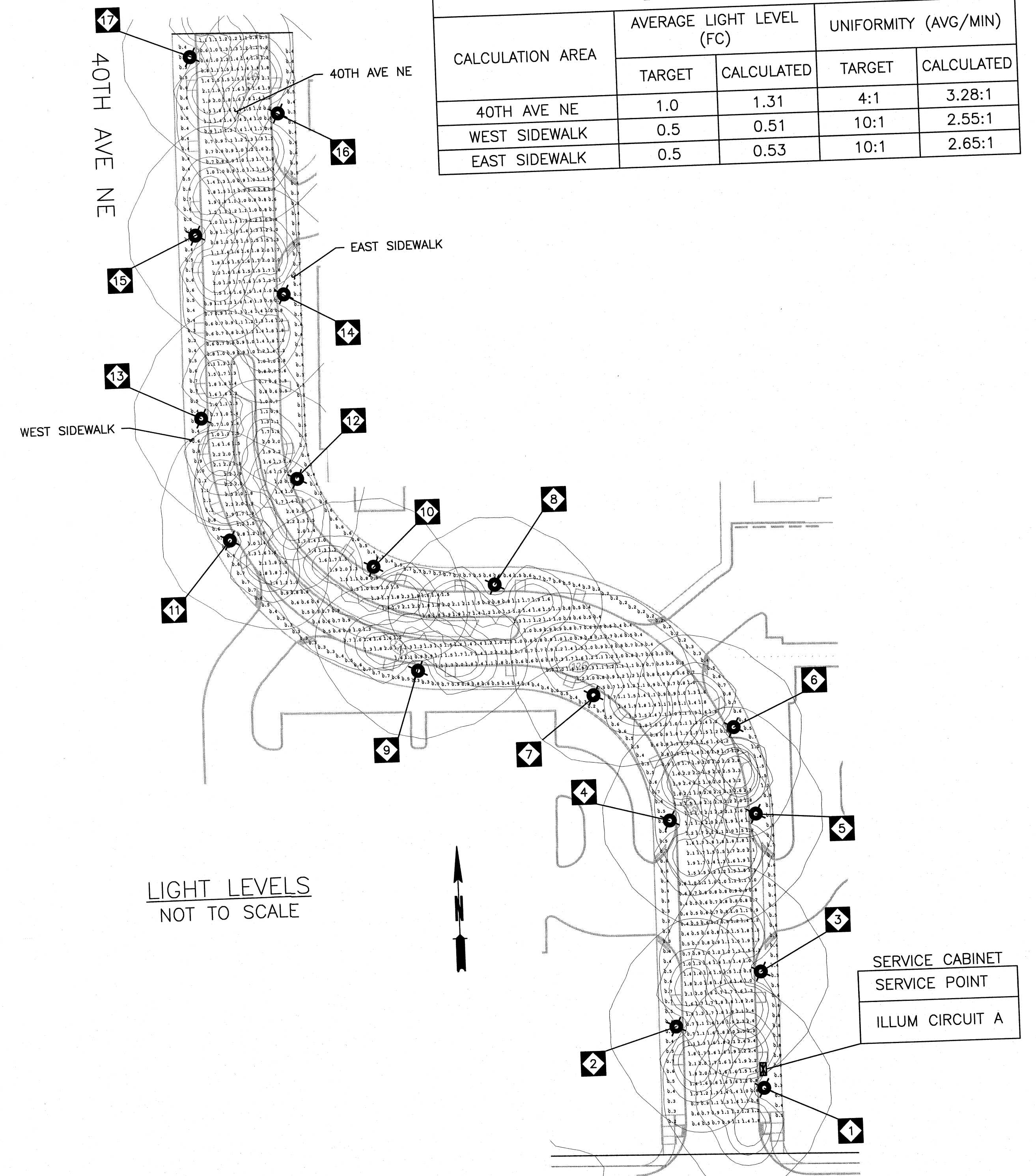


DETAIL 3 - ANCHOR BOLT



16 SHARP FLUTE CROSS SECTION

LIGHT LEVELS				
CALCULATION AREA	AVERAGE LIGHT LEVEL (FC)		UNIFORMITY (AVG/MIN)	
	TARGET	CALCULATED	TARGET	CALCULATED
40TH AVE NE	1.0	1.31	4:1	3.28:1
WEST SIDEWALK	0.5	0.51	10:1	2.55:1
EAST SIDEWALK	0.5	0.53	10:1	2.65:1




LIGHT LEVELS
 NOT TO SCALE

172ND ST NE

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	DESIGNED BY	DATE	REVISION	BY	DATE
	RDM	10/03/2018			
	RDM	10/03/2018			
	BMK	10/03/2018			

transpogroup 
 WHAT TRANSPORTATION CAN BE.
 12131 113TH AVE NE #203 KIRKLAND, WASHINGTON 98034 (TEL) 425 821-3665 (FAX) 425 825-8434



SMOKEY POINT ILLUMINATION
 CITY OF ARLINGTON
 ILLUMINATION PLAN
 OCTOBER 2018

IL02
 SHEET 2 OF 2 SHEETS