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**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
	APPROXIMATE PROPERTY LINE	
	BUILDING	
	FENCE LINE	
	STONE WALL	
	CULVERT	
	SEWER FORCE MAIN	4"FM
	SEWER LINE	8"SAN
	SEWER MANHOLE	SMH 1
	SEWER SERVICE	
	WATER LINE - SIZE KNOWN	
	WATER LINE - SIZE UNKNOWN	
	HYDRANT	
	GATE VALVE	
	OVERHEAD ELECTRIC	
	OVERHEAD TELEPHONE	
	UNDERGROUND ELECTRIC	
	UTILITY POLE	
	UTILITY POLE WITH LIGHT FIXTURE	
	UTILITY POLE WITH GUY	
	CESSPOOL	
	GRADING CONTOUR ELEVATION	28
	CATCH BASIN	CB 1
	DRAIN MANHOLE	DMH 1
	PROBE	
	TREE / BRUSH LINE	
	MAILBOX	
	SILTATION FENCE	SF

**ABBREVIATIONS**

ABBREVIATION	REFERENCE	ABBREVIATION	REFERENCE
AC	ASBESTOS CEMENT	M	MECHANICAL
AGC	ASSOCIATED GENERAL CONTRACTORS	MF	MONUMENT FOUND
ALUM	ALUMINUM	MAX	MAXIMUM
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	MDEP	MAINE DEPT. OF ENVIRONMENTAL PROTECTION
AVE	AVENUE	MDOT	MAINE DEPT. OF TRANSPORTATION
B	BORING	MH	MANHOLE
BC	BOTTOM OF CURB	MIN	MINIMUM
BIT	BITUMINOUS	MISC	MISCELLANEOUS
BLDG	BUILDING	MON	MONUMENT
BM	BENCHMARK	MW	MONITORING WELL
BO	BLOW-OFF	N/F	NOW OR FORMERLY
BS	BOTTOM OF SLOPE	NIC	NOT IN CONTRACT
BVCS	BEGIN VERTICAL CURVE STATION	NTS	NOT TO SCALE
		NO	NUMBER
C	CONDUIT	OC	ON CENTER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CEN	CENTER	OHC	OVERHEAD CABLE TV
CF	CUBIC FEET	OHE	OVERHEAD ELECTRIC
CI	CAST IRON	OHT	OVERHEAD TELEPHONE
CL	CENTERLINE		
CLF	CHAIN LINK FENCE	P	PROBE
CLR	CLEAR	PC	PRECAST CONCRETE
CMP	CORRUGATED METAL PIPE	PC	PORTLAND CEMENT CONCRETE
CMP CO.	CENTRAL MAINE POWER CO.	PE	POLYETHYLENE
CONC	CONCRETE	PRCS	POINT OF REVERSE CURVATURE STATION
CP	CONTROL POINT	PSF	POUNDS PER SQUARE FOOT
CPE	CORRUGATED POLYETHYLENE	PSI	POUNDS PER SQUARE INCH
CU	COPPER	PUGE	PRIMARY UNDERGROUND ELECTRIC
CV	CHECK VALVE	PVC	POLYVINYL CHLORIDE
DI	DUCTILE IRON	PVI	POINT OF VERTICAL INTERSECTION
DIA	DIAMETER	R	RADIUS
DMH	STORM DRAIN MANHOLE	RCP	REINFORCED CONCRETE PIPE
DWLL	DASHED WHITE LANE LINE	RD	ROAD
DYCL	DOUBLE YELLOW CENTERLINE	RP	RADIUS POINT
		RT	RIGHT
E	ELECTRIC	R/W	RIGHT-OF-WAY
EMH	ELECTRIC MANHOLE	S	SLOPE
EL	ELEVATION	SAN	SANITARY SEWER
EVCS	END VERTICAL CURVE STATION	SCH	SCHEDULE
EW	EACH WAY	SD	STORM DRAIN
EX	EXISTING	SE	SILL ELEVATION
FE	FLANGED END	SF	SQUARE FEET
FEE	FINISH FLOOR ELEVATION	SGC	SLOPED GRANITE CURB
FLG	FLANGE	SMH	SANITARY SEWER MANHOLE
FM	FORCE MAIN	SO	SHOULDER VALVE
FT	FOOT	SS	STAINLESS STEEL
FTG	FOOTING	ST	STREET
G	GAS	STA	STATION
GAL	GALLONS	SUGE	SECONDARY UNDERGROUND ELECTRIC
GALV	GALVANIZED	SYLL	SINGLE YELLOW LANE LINE
GV	GATE VALVE		
GW	GYPHUM WALL BOARD	T	TELEPHONE
HDPE	HIGH DENSITY POLYETHYLENE	TC	TOP OF CURB
HOR	HORIZONTAL	TD	TIPDOWN
HP	HIGH POINT	TEL	TELEPHONE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	TBM	TEMPORARY BENCHMARK
ID	INSIDE DIAMETER	TP	TESTPIT
IN	INCH	TS	TOP OF SLOPE
INSUL	INSULATION	TYP	TYPICAL
INV	INVERT ELEVATION	UD	UNDERDRAIN
IPF	IRON PIPE FOUND	UG	UNDERGROUND GAS
IRF	IRON ROD FOUND	UT	UNDERGROUND TELEPHONE
LA	LANDSCAPING	VERT	VERTICAL
LSB	POUNDS LINEAR FOOT	VGC	VERTICAL GRANITE CURB
LF	LINEAR FOOT	W	WATER
LN	LANE	WM	WATER METER
LP	LOW POINT	WMH	WATER MANHOLE
LT	LEFT	WV	WATER VALVE

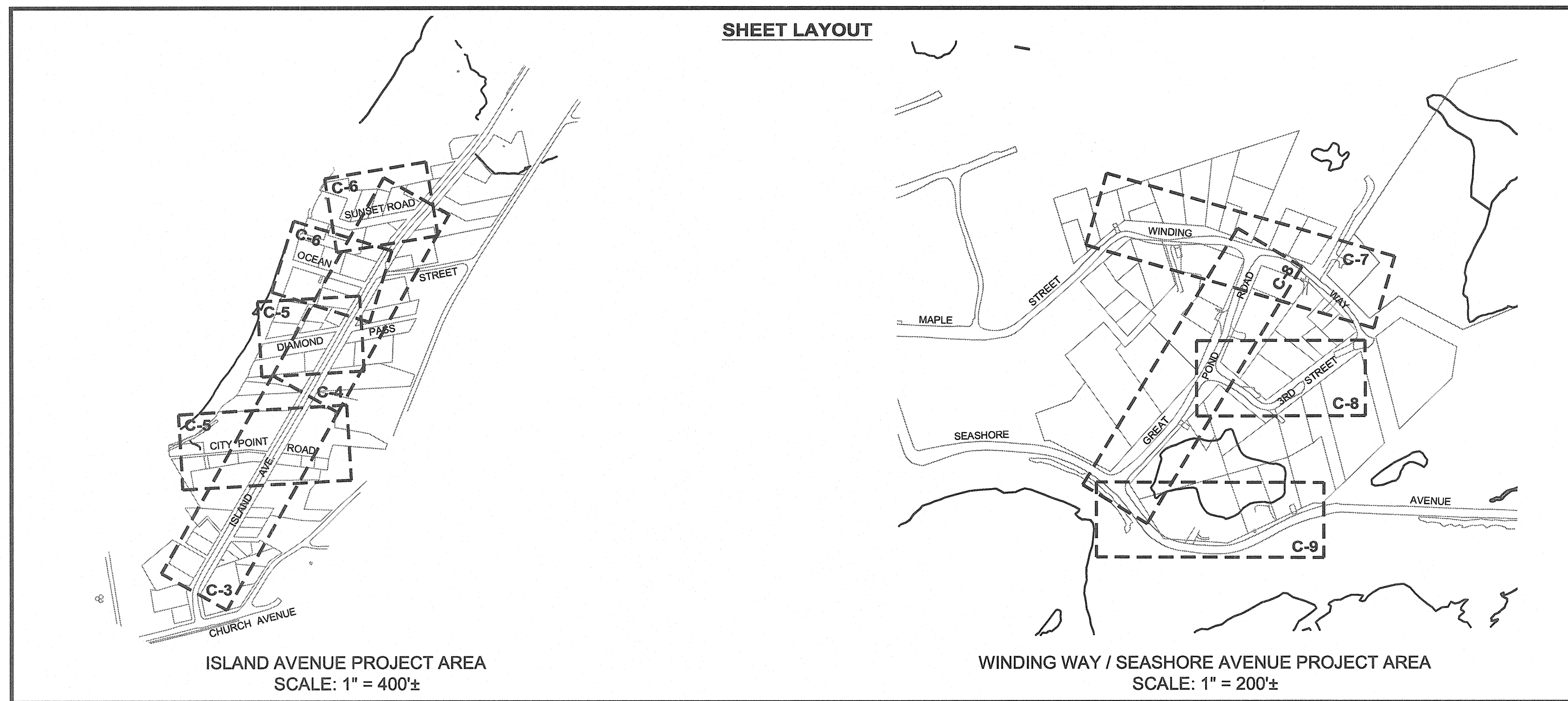
**GENERAL NOTES**

- THIS PROJECT IS SUBJECT TO THE TERMS AND CONDITIONS OF ALL PERMITS ISSUED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LOCAL UTILITY COMPANIES, AND THE CITY OF PORTLAND.
- THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND ARE SHOWN ONLY AS A GUIDE TO THE CONTRACTOR. THE LOCATION AND/OR ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. NO GUARANTEE IS MADE THAT ALL UNDERGROUND UTILITIES WILL BE ENCOUNTERED WHERE SHOWN OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTACT ALL UTILITIES AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK AND REQUEST THE FIELD LOCATION AND DELINEATION OF UTILITIES. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS IN THE FIELD AND REPAIR ALL UTILITIES DISTURBED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
- TO PROVIDE GUIDANCE AS TO THE LOCATION OF UTILITIES, THE FOLLOWING MEASURES WERE EMPLOYED:

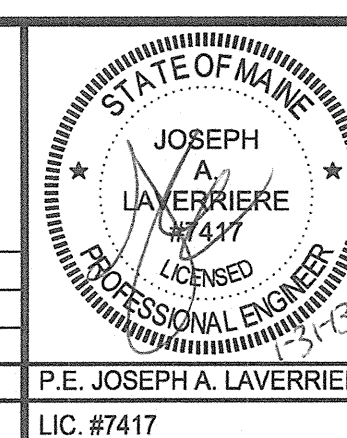
UTILITY	NAME	DESCRIPTION
WATER	PORTLAND WATER DISTRICT 225 DOUGLASS STREET PORTLAND, MAINE 04102 207.774.5961	WATER MAINS SHOWN BASED UPON FIELD LOCATIONS AND RECORD INFORMATION.
SEWER	PORTLAND WATER DISTRICT 225 DOUGLASS STREET PORTLAND, MAINE 04102 207.774.5961	SEWER MAINS SHOWN BASED UPON FIELD LOCATIONS AND RECORD INFORMATION.
STORM DRAIN	CITY OF PORTLAND DEPARTMENT OF PUBLIC SERVICES 55 PORTLAND ST. PORTLAND, ME 04101 207.874.8850	STORM DRAIN AND CULVERTS SHOWN BASED UPON FIELD LOCATIONS.
POWER	CENTRAL MAINE POWER CO. 162 CANCO ROAD PORTLAND, MAINE 800.565.0121	ALL PRIMARY ELECTRIC LINES ARE OVERHEAD. SEVERAL SECONDARY ELECTRIC LINES DO EXIST UNDERGROUND.
TELEPHONE	FAIRPOINT COMMUNICATIONS 5 DAVID FARM ROAD PORTLAND, MAINE 04103 207.797.1866	ALL PRIMARY TELEPHONE LINES ARE OVERHEAD. SEVERAL SECONDARY SERVICE LINES DO EXIST UNDERGROUND.
CABLE TELEVISION	TIME WARNER CABLE 118 JOHNSON ROAD PORTLAND, MAINE 04102 207.253.2323	ALL LINES ARE OVERHEAD.
NATURAL GAS	UNIFIL NORTHERN 1075 FOREST AVENUE PORTLAND, MAINE 04104 207.775.2350	THERE ARE NO UNDERGROUND NATURAL GAS MAINS ON PEAKS ISLAND.
DIG SAFE	1.888.344.7233	

- THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE OWNERS OF ANY UTILITY (UNDERGROUND OR OVERHEAD) IN THEIR REMOVAL, REARRANGEMENT, OR REPAIR.
- THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FROM THE CITY OF PORTLAND PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK SHALL BE CONFINED TO THE STREET RIGHT-OF-WAYS AND EASEMENTS SHOWN ON THE PLANS.
- PROPERTY LINES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY AND ARE BASED UPON CITY OF PORTLAND GIS RECORDS.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR WILL BE SUPPLIED WITH SIX (6) BENCHMARKS AND SUITABLE HORIZONTAL CONTROL POINTS FOR THE ESTABLISHMENT OF SURVEY CONTROL NECESSARY TO LAYOUT THE WORK OF THIS CONTRACT. DURING THE DESIGN PROCESS, PK NAILS WERE SET AT 50' STATIONS ALONG THE CONSTRUCTION BASELINE AS SHOWN ON THE PLANS.
- LAYOUT FOR THE PROJECT IS BASED UPON THE ESTABLISHED CONSTRUCTION BASELINE AND STATIONING AS SHOWN ON THE PLANS. THE CONTRACTOR IS REQUIRED TO RETAIN THE SERVICES OF A LICENSED SURVEYOR TO ESTABLISH CONSTRUCTION BASELINES FOR THE PROJECT BASED UPON THE SURVEY CONTROL POINTS TO BE PROVIDED PRIOR TO THE START OF CONSTRUCTION.
- TEST PITS REQUIRED FOR THE PROJECT SHALL BE CONDUCTED DURING THE FIRST TWO WEEKS OF THE CONTRACT UNLESS OTHERWISE APPROVED BY THE OWNER. NO WORK SHALL COMMENCE PRIOR TO COMPLETION OF ALL TEST PITS IDENTIFIED ON THE PLANS OR REQUESTED BY THE ENGINEER. THE OWNER ALSO RESERVES THE RIGHT TO REQUEST ADDITIONAL TEST PITS ON THE PROJECT AS NECESSARY.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY OF PORTLAND FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE TRAFFIC CONTROL PLAN SHALL OUTLINE THE TEMPORARY TRAFFIC CONTROL MEASURES NECESSARY TO RE-CANNELIZE AND MAINTAIN TRAFFIC MOVEMENTS THROUGHOUT THE CONSTRUCTION WORK AREA. REFER TO SECTION 02220, PARAGRAPH 3.10 FOR ADDITIONAL REQUIREMENTS PERTAINING TO MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RECORD DRAWINGS THROUGHOUT THE PROJECT AND FOR PROVIDING THE ENGINEER WITH A SET OF RED-LINE MARK-UP DRAWINGS ALONG WITH RECORD TIES FOR EACH SERVICE STUB CONNECTION AS THE CONSTRUCTION WORK PROGRESSES.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO PRE-EXISTING CONDITIONS OR AS DEFINED AS PART OF THE ROADWAY RESTORATION WORK.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE MOST RESTRICTIVE REQUIREMENTS OF THE CITY OF PORTLAND, PORTLAND WATER DISTRICT, MAINE DEPARTMENT OF TRANSPORTATION, THE PROJECT SPECIFICATIONS, AND THE LOCAL UTILITY COMPANIES.
- SANITARY SEWER MANHOLE CASTINGS SHALL BE SET FLUSH WITH FINISH GRADE AS DETERMINED IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS AT EACH MANHOLE LOCATION PRIOR TO PREPARING THE ORIENTATION DIAGRAM FOR EACH STRUCTURE FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO FABRICATION OF EACH APPURTENANCE STRUCTURE.

**SHEET LAYOUT**



REV	DATE	DESCRIPTION
3	01.31.13	RELEASED FOR BIDS
2	01.10.13	90% REVIEW SET
1	12.12.12	60% REVIEW SET



PROJECT	PEAKS ISLAND - PORTLAND, MAINE SEWERAGE EXTENSIONS & WATER MAIN RENEWAL ISLAND AVENUE AND WINDING WAY AREAS
SHEET TITLE	GENERAL NOTES, LEGEND AND INDEX
CLIENT	PORTLAND WATER DISTRICT

DeLUCA-HOFFMAN ASSOCIATES, INC. 778 MAIN STREET, SUITE 8 SOUTH PORTLAND, ME 04108 207.775.1121 WWW.DELUCAHOFFMAN.COM	DRAWN: CDD DATE: DEC. 2012 DESIGNED: JAL SCALE: --- CHECKED: JAL JOB NO. 3134 FILE NAME: 3134-COVER-GEN NOTES SHEET C-2
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