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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	1	DATE:	9/27/2019
SK TITLE:	GENERAL NOTES		

GENERAL NOTES:

1. RETAINED SOIL SHALL BE DETERMINED TO MEET OR EXCEED THE REQUIREMENTS BELOW IN THE ABSENCE OF A GEOTECHNICAL ENGINEERING STUDY. SOILS NOT MEETING THESE REQUIREMENTS SHALL BE EXCAVATED AND REPLACED WITH ACCEPTABLE SOILS.
2. ENSURE THAT THE FIRST COURSE OF WALL UNITS IS IN FULL CONTACT WITH THE FOUNDATION. INSTALL THE NEXT COURSE OF UNITS SUCH THAT THE VERTICAL GAPS ARE STAGGERED BETWEEN ADJACENT COURSES. GAPS SHALL BE FILLED WITH FREE-DRAINING GRAVEL PRIOR TO STARTING THE NEXT COURSE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EXCAVATIONS ARE STABLE AND MEET OSHA REQUIREMENTS.

SOIL PROPERTIES FOR DESIGN:

	<u>SOIL WEIGHT (PSF)</u>	<u>FRICTION ANGLE (DEG.)</u>
RETAINED SOIL	120	32
FOUNDATION SOIL	120	32
LEVELING PAD	125	40



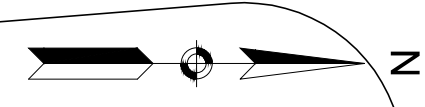
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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	2	DATE:	9/27/2019
SK TITLE:	PLAN VIEW		



**CARBY STREET**  
(PUBLIC - 50' WIDE)  
(PLAN 744 OF 1973)

EXIST. GRANITE BLOCK WALL TO REMAIN

INTERFACE BETWEEN PROP. & EXIST. WALL (SEE SK# 5)

RET. SATELLITE DISH

RETAIN EXIST. ELEC. (SEE NOTE 4)

PROP. TRAILING ANCHORAGE (400.4.1) (ADD ALT. 2)

RETAIN EXIST. UTL.

PROP. TL-2 GUARDRAIL (400.1.2) (ADD ALT. 2)

REMOVE EXIST. GRANITE BLOCKS

EXIST. TREE TO BE REMOVED (SEE NOTE 2)

PROP. CHAIN LINK FENCE (E404.1.0) (ADD ALT. 2)

PROP. TANGENT END TREATMENT (400.2.2) (ADD ALT. 2)

CLEARING AND GRUBBING (SEE NOTE 2)

RETAIN EXIST. OHW AND UTILITY POLES (TYP.)

PROP. MODULAR BLOCK WALL - WALL NO. 1 (DESIGNED BY CONTRACTOR)

EXIST. CURB TO REMAIN (TYP.)

RET. EXIST. GUY WIRE

- NOTES:
1. ALL WORKING POINTS PROVIDED ARE LOCATED AT THE EXISTING GROUND AT THE WALL FACE (SEE RETAINING WALL WORKING POINT DETAIL ON SK# 3).
  2. ALL CLEARING AND GRUBBING AND TREE REMOVAL SHALL ONLY OCCUR WITHIN THE LIMITS OF WORK OF THE PROPOSED WALL.
  3. DURING CONSTRUCTION, THE NORTHERN ENTRANCE TO THE DPW BUILDING PARKING LOT WILL BE CLOSED AND USED AS THE WORK ZONE.
  4. LOCATION IS APPROX. TO BE CONFIRMED WITH TOWN PRIOR TO CONSTRUCTION.

PROP. PAVEMENT SAWCUT & RESTORATION (TYP.)

TEMP. CONST. WORK ZONE (SEE NOTE 3)

LIMIT OF TEMP. CONST. WORK ZONE (TYP.)

RET. EXIST. LIGHT POLE (TYP.)

NORTHERN PARKING LOT ENTRANCE TO BE CLOSED

**PLAN VIEW**

SCALE: 1" = 30'-0"

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JOB: DPW FACILITY RETAINING WALL  
REPLACEMENT

PROJECT #: T0914

SK# 3

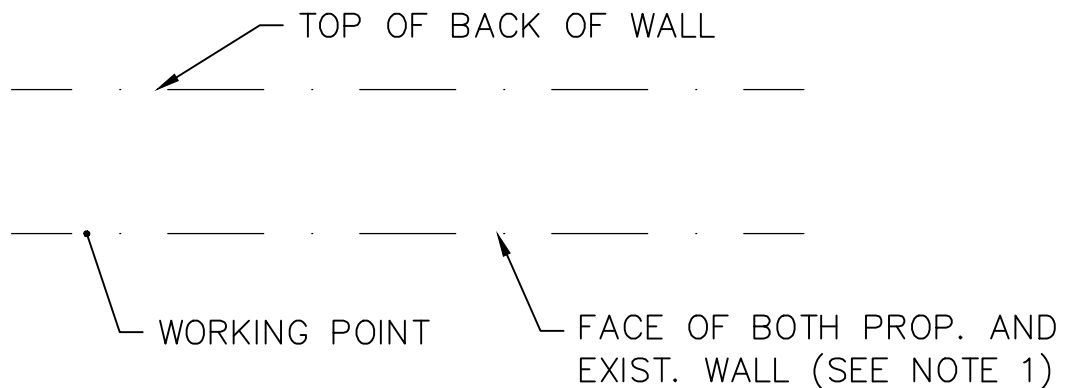
DATE: 9/27/2019

SK TITLE: WORKING POINT LAYOUT

Working Points	Easting	Northing	Elevations (Ft.)*		Tie Point (TP) Distance			
			Top of Existing Wall	Existing Grade**	TP1	TP2	TP3	TP4
WP1	4866.97	5279.67	205.16	201.12	52.86	71.31	—	—
WP2	4857.06	5302.35	205.44	201.11	64.81	62.60	108.86	—
WP3	4835.32	5320.11	207.24	201.45	75.73	50.69	93.66	128.80
WP4	4818.75	5324.17	208.06	201.69	79.81	42.71	81.06	116.11
WP5	4796.63	5320.30	208.72	202.11	81.46	32.37	60.94	95.48
WP6	4773.15	5312.97	209.48	201.95	—	34.00	39.57	72.55
WP7	4749.54	5298.48	208.41	202.35	—	47.78	17.90	45.56
WP8	4727.47	5278.35	207.85	202.48	—	69.34	23.03	16.12
WP9	4720.17	5271.04	207.00	202.40	—	77.83	31.70	6.55
B.M. #1	4812.86	5185.31	—	—	61.21	—	—	—
B.M. #2	4885.04	5284.23	—	—	69.97	88.97	—	—
B.M. #3	4799.82	5389.01	—	—	146.78	101.14	119.15	148.32
B.M. #4	4722.15	5261.27	—	—	—	78.66	34.23	4.50

\* ELEVATIONS BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

\*\* PROPOSED GRADE IN FRONT OF WALL TO MATCH EXISTING.



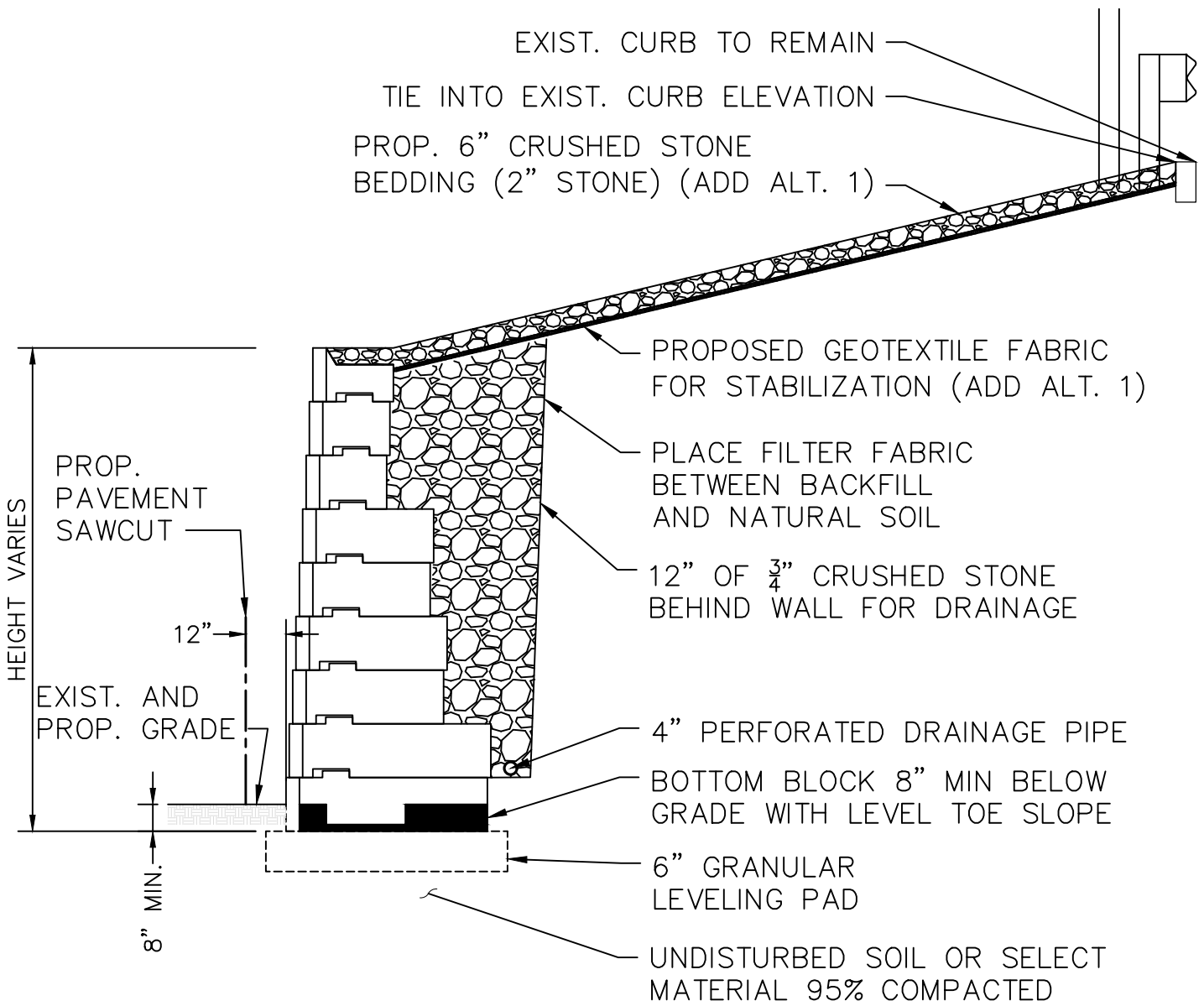
NOTES:

1. THE PROPOSED WALL FACE LOCATION SHALL MATCH THE EXISTING WALL FACE.

RETAINING WALL WORKING POINT DETAIL

SCALE: N.T.S

JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	4	DATE:	9/27/2019
SK TITLE:	PROPOSED SECTION VIEW		



NOTES:

1. DETAILS FOR MODULAR CONCRETE BLOCK WALL ARE CONCEPTUAL ONLY. ACTUAL WALL IS TO BE DESIGNED BY CONTRACTOR.
2. FOR ADDITIONAL INFORMATION ON THE GUARDRAIL AND CHAIN LINK FENCE SEE SK# 8

PROPOSED WALL SECTION

SCALE: N.T.S



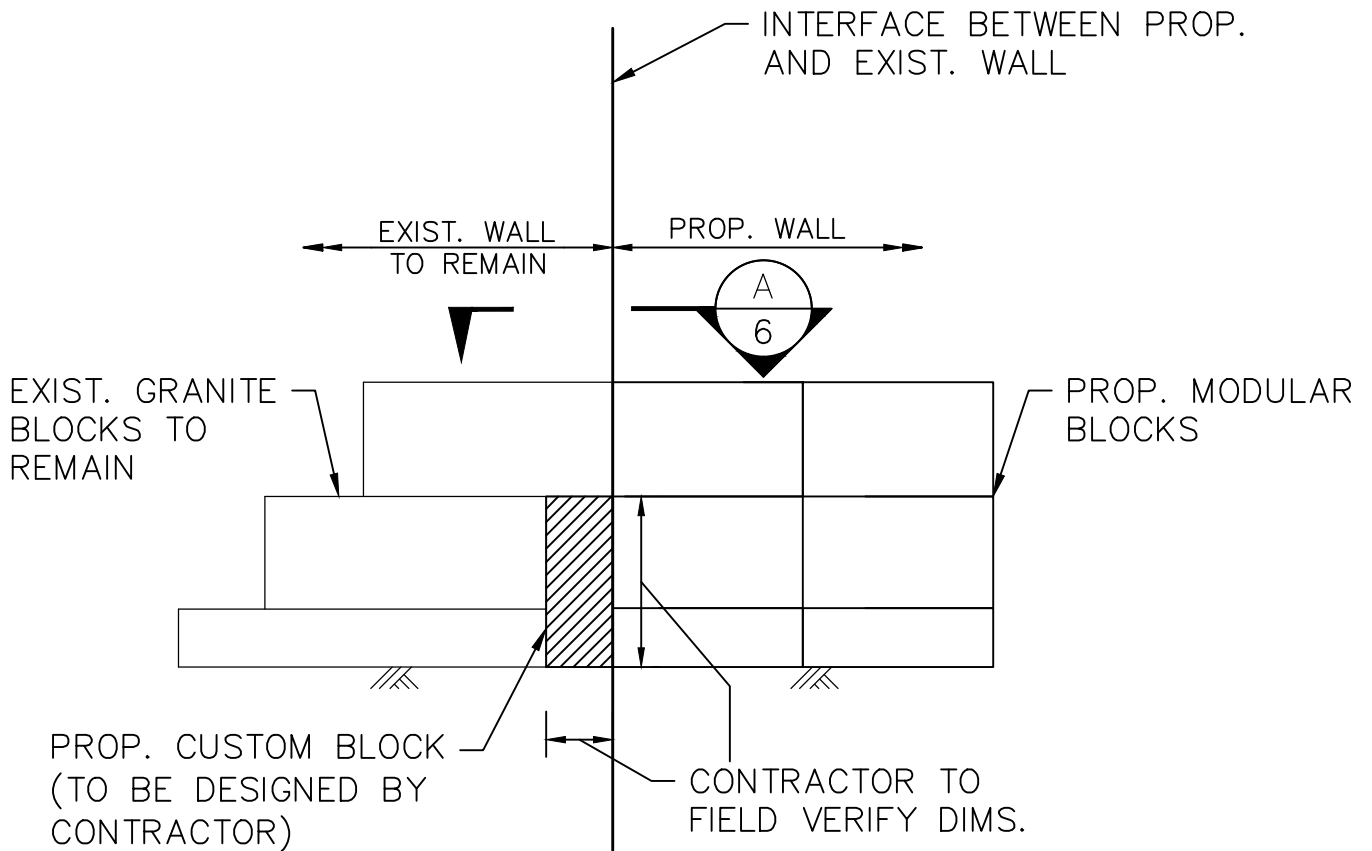
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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	5	DATE:	9/27/2019
SK TITLE:	WALL INTERFACE DETAIL		



NOTES:

1. SEE SK# 7 FOR A IMAGE DEPICTING THE INTERFACE LOCATION.

WALL INTERFACE DETAIL – ELEVATION VIEW

SCALE: N.T.S



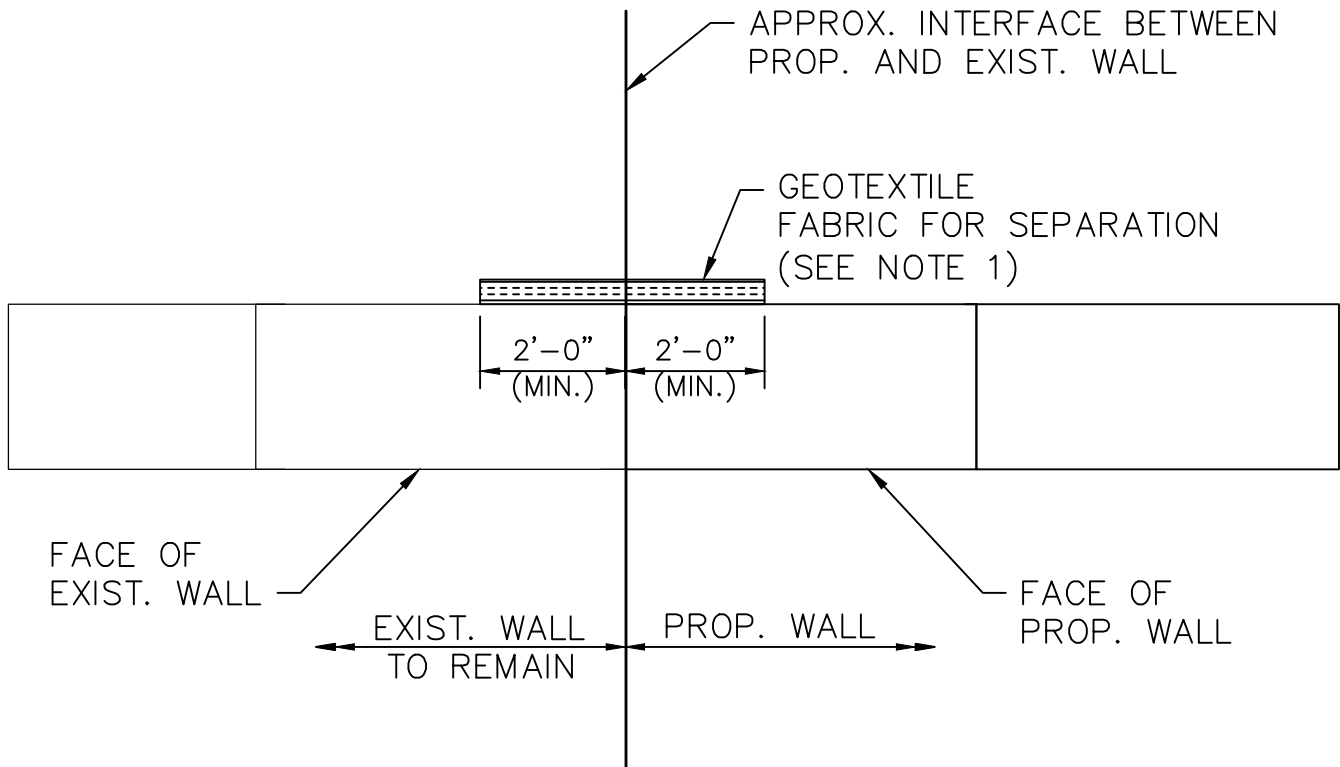
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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	6	DATE:	9/27/2019
SK TITLE:	WALL INTERFACE DETAIL – SECTION A		



NOTES:

1. GEOTEXTILE FABRIC IS MEANT TO BE CONTINUOUS BEHIND JOINT OF MODULAR CONCRETE BLOCK WALL AND EXISTING GRANITE BLOCK WALL. GEOTEXTILE FABRIC EXTENDS THE FULL HEIGHT OF THE BLOCK WALL, INCLUDING AN ADDITIONAL 1' AT THE BOTTOM FOLDED AWAY FROM THE BLOCK WALL.

SECTION A

SCALE: N.T.S



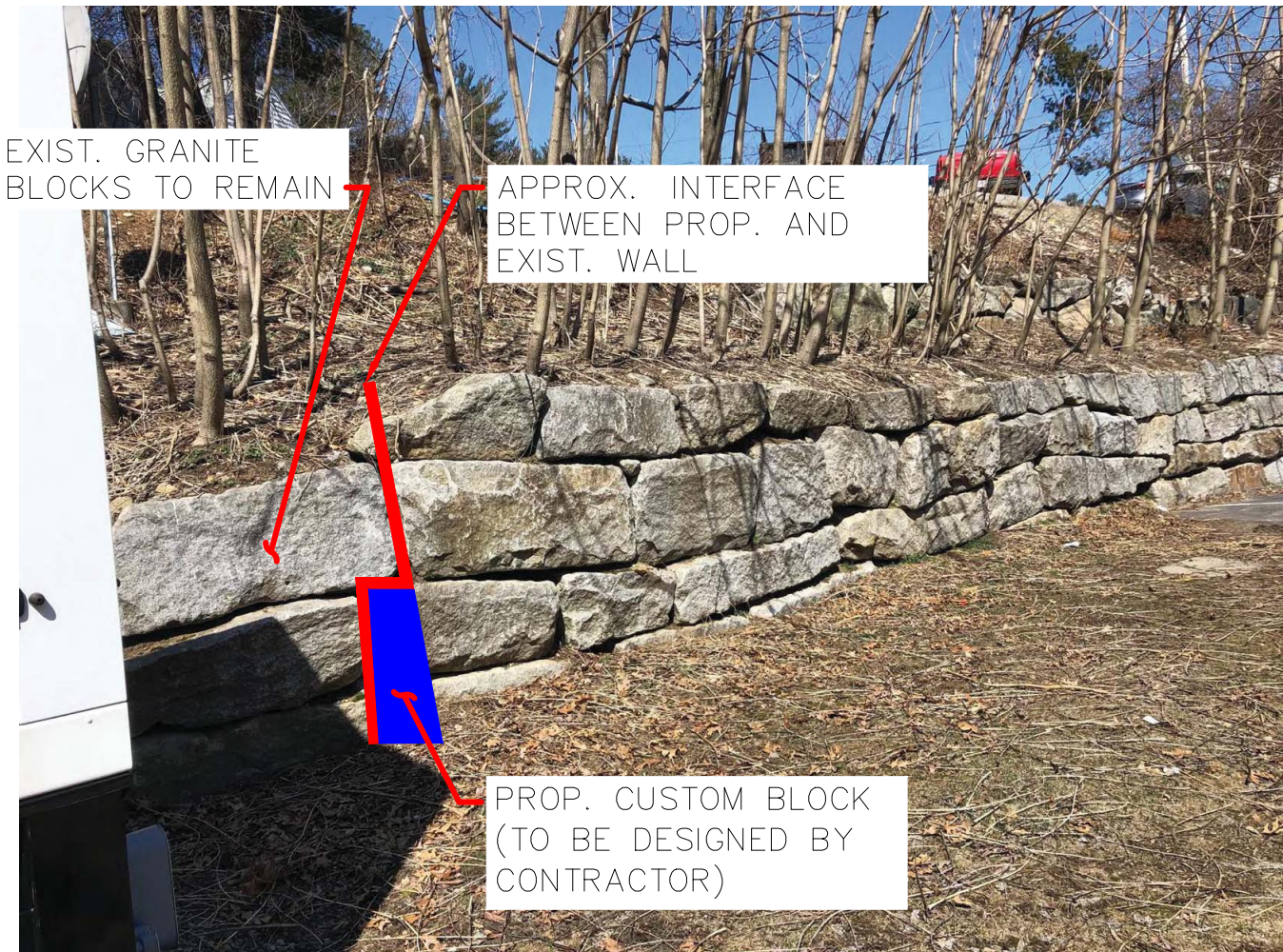
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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	7	DATE:	9/27/2019
SK TITLE:	WALL INTERFACE IMAGE		



## WALL INTERFACE – IMAGE

SCALE: N.T.S



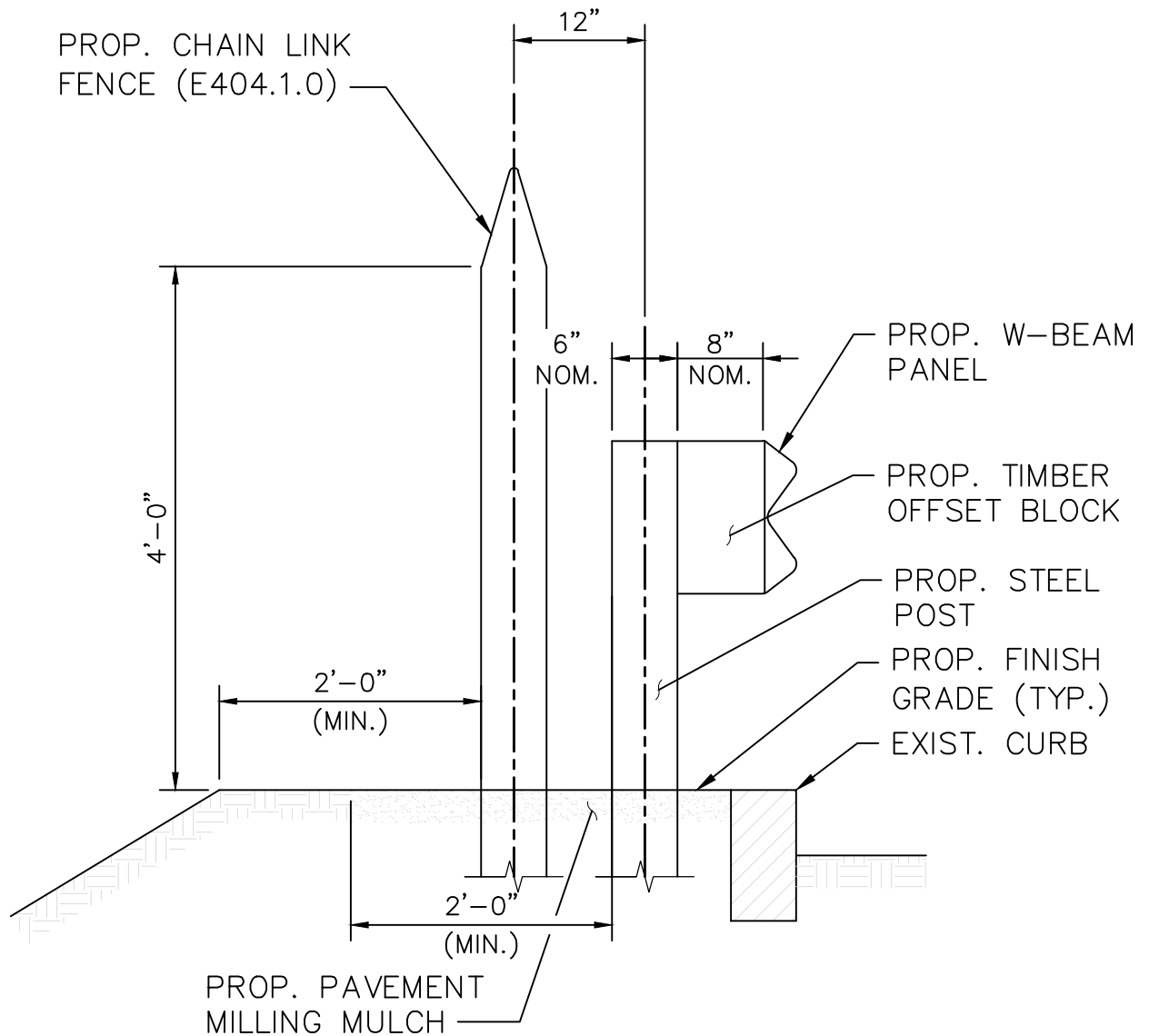
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JOB:	DPW FACILITY RETAINING WALL REPLACEMENT	PROJECT #:	T0914
SK#	8	DATE:	9/27/2019
SK TITLE:	GUARDRAIL & FENCE DETAIL		



NOTES:

1. ALL GUARDRAIL COMPONENTS SHALL BE IN ACCORDANCE WITH ALL RELEVANT DETAILS WITHIN THE CONSTRUCTION STANDARD DETAILS FOR TL-2 GUARDRAIL WITH STEEL POSTS AND TIMBER OFFSET BLOCKS.
2. ALL CHAIN LINK FENCE COMPONENTS SHALL BE IN ACCORDANCE WITH ALL RELEVANT DETAILS WITHIN THE CONSTRUCTION STANDARD DETAILS FOR CHAIN LINK FENCE (SPRING TENSION WIRE).

GUARDRAIL AND FENCE DETAIL

SCALE:  $\frac{3}{4}" = 1'-0"$

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